

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048699.D
 Acq On : 03 Dec 2025 10:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 04 01:40:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120325W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 01:31:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	177333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	294834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118535	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	349864	146.127	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.260%#			
35) Dibromofluoromethane	5.373	113	291708	145.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 290.320%#			
50) Toluene-d8	8.635	98	1015431	147.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 294.700%#			
62) 4-Bromofluorobenzene	11.061	95	368542	145.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 291.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	341107	166.881	ug/l	100
3) Chloromethane	1.301	50	304716	152.945	ug/l	99
4) Vinyl Chloride	1.380	62	330812	151.552	ug/l	96
5) Bromomethane	1.605	94	187896	129.555	ug/l	100
6) Chloroethane	1.691	64	190970	147.739	ug/l	97
7) Trichlorofluoromethane	1.892	101	476058	150.093	ug/l	99
8) Diethyl Ether	2.136	74	163926	145.145	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	300912	159.198	ug/l	98
10) Methyl Iodide	2.453	142	445755	163.697	ug/l	99
11) Tert butyl alcohol	2.977	59	274380	757.704	ug/l	100
12) 1,1-Dichloroethene	2.325	96	299289	159.267	ug/l	93
13) Acrolein	2.233	56	208043	1062.370	ug/l	98
14) Allyl chloride	2.666	41	518868	145.910	ug/l	97
15) Acrylonitrile	3.056	53	876258	761.254	ug/l	99
16) Acetone	2.373	43	589652	753.558	ug/l	98
17) Carbon Disulfide	2.514	76	876298	153.092	ug/l	100
18) Methyl Acetate	2.697	43	377240	145.553	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	995381	155.446	ug/l	99
20) Methylene Chloride	2.788	84	312807	143.214	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	309636	159.651	ug/l	98
22) Diisopropyl ether	3.751	45	992441	155.840	ug/l	99
23) Vinyl Acetate	3.715	43	4459547	805.591	ug/l	99
24) 1,1-Dichloroethane	3.605	63	550281	151.744	ug/l	99
25) 2-Butanone	4.538	43	1040684	778.614	ug/l	99
26) 2,2-Dichloropropane	4.471	77	490141	148.935	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	360588	148.535	ug/l	98
28) Bromochloromethane	4.885	49	259482	149.027	ug/l	92
29) Tetrahydrofuran	4.989	42	762406	734.418	ug/l	99
30) Chloroform	5.086	83	560582	145.925	ug/l	97
31) Cyclohexane	5.464	56	481403	155.820	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	518126	149.999	ug/l	98
36) 1,1-Dichloropropene	5.684	75	396130	145.886	ug/l	99
37) Ethyl Acetate	4.696	43	510763	142.458	ug/l	97
38) Carbon Tetrachloride	5.666	117	459858	147.374	ug/l	98
39) Methylcyclohexane	7.366	83	495122	156.661	ug/l	98
40) Benzene	6.025	78	1180945	147.968	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	230708	147.856	ug/l	99
42) 1,2-Dichloroethane	6.074	62	412470	143.926	ug/l	99
43) Isopropyl Acetate	6.324	43	749792	154.884	ug/l	97
44) Trichloroethene	7.110	130	313187	149.057	ug/l	99
45) 1,2-Dichloropropane	7.415	63	277114	142.060	ug/l	99
46) Dibromomethane	7.568	93	215930	143.883	ug/l	99
47) Bromodichloromethane	7.805	83	442976	143.979	ug/l	98
48) Methyl methacrylate	7.677	41	343701	148.602	ug/l	99
49) 1,4-Dioxane	7.647	88	92453	3268.444	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	2266532	742.811	ug/l	98
52) Toluene	8.702	92	739758	151.031	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	470596	153.655	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	498325	153.410	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	282407	145.432	ug/l	97
56) Ethyl methacrylate	9.104	69	491464	157.943	ug/l	94
57) 1,3-Dichloropropane	9.293	76	475171	145.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1335398	832.650	ug/l	97
59) 2-Hexanone	9.415	43	1680415	767.538	ug/l	97
60) Dibromochloromethane	9.506	129	351617	145.178	ug/l	97
61) 1,2-Dibromoethane	9.592	107	310900	144.807	ug/l	100
64) Tetrachloroethene	9.256	164	262210	151.623	ug/l	98
65) Chlorobenzene	10.061	112	810828	151.988	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	285606	153.883	ug/l	99
67) Ethyl Benzene	10.177	91	1398045	159.521	ug/l	99
68) m/p-Xylenes	10.287	106	1085100	321.417	ug/l	99
69) o-Xylene	10.628	106	519953	159.861	ug/l	100
70) Styrene	10.640	104	890269	162.854	ug/l	99
71) Bromoform	10.781	173	270396	159.948	ug/l	100
73) Isopropylbenzene	10.945	105	1330892	167.992	ug/l	99
74) N-amyl acetate	10.829	43	639981	178.936	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	437570	161.316	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	402356m	137.958	ug/l	
77) Bromobenzene	11.183	156	340207	159.341	ug/l	94
78) n-propylbenzene	11.287	91	1562116	168.386	ug/l	100
79) 2-Chlorotoluene	11.347	91	916952	162.634	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	1096272	169.175	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	167233	180.588	ug/l #	100
82) 4-Chlorotoluene	11.439	91	1097494	167.362	ug/l	99
83) tert-Butylbenzene	11.695	119	1137346	169.206	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	1108836	171.775	ug/l	99
85) sec-Butylbenzene	11.872	105	1373140	168.764	ug/l	99
86) p-Isopropyltoluene	11.994	119	1067196	158.775	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	632843	162.858	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	599117	151.053	ug/l	99
89) n-Butylbenzene	12.317	91	1058184	167.145	ug/l	99
90) Hexachloroethane	12.518	117	222156	164.185	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	568454	157.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	103483	167.861	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	381120	165.440	ug/l	99
94) Hexachlorobutadiene	13.707	225	138811	144.718	ug/l	99
95) Naphthalene	13.756	128	1271205	180.793	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	346164	162.789	ug/l	100

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Thu Dec 04 01:31:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

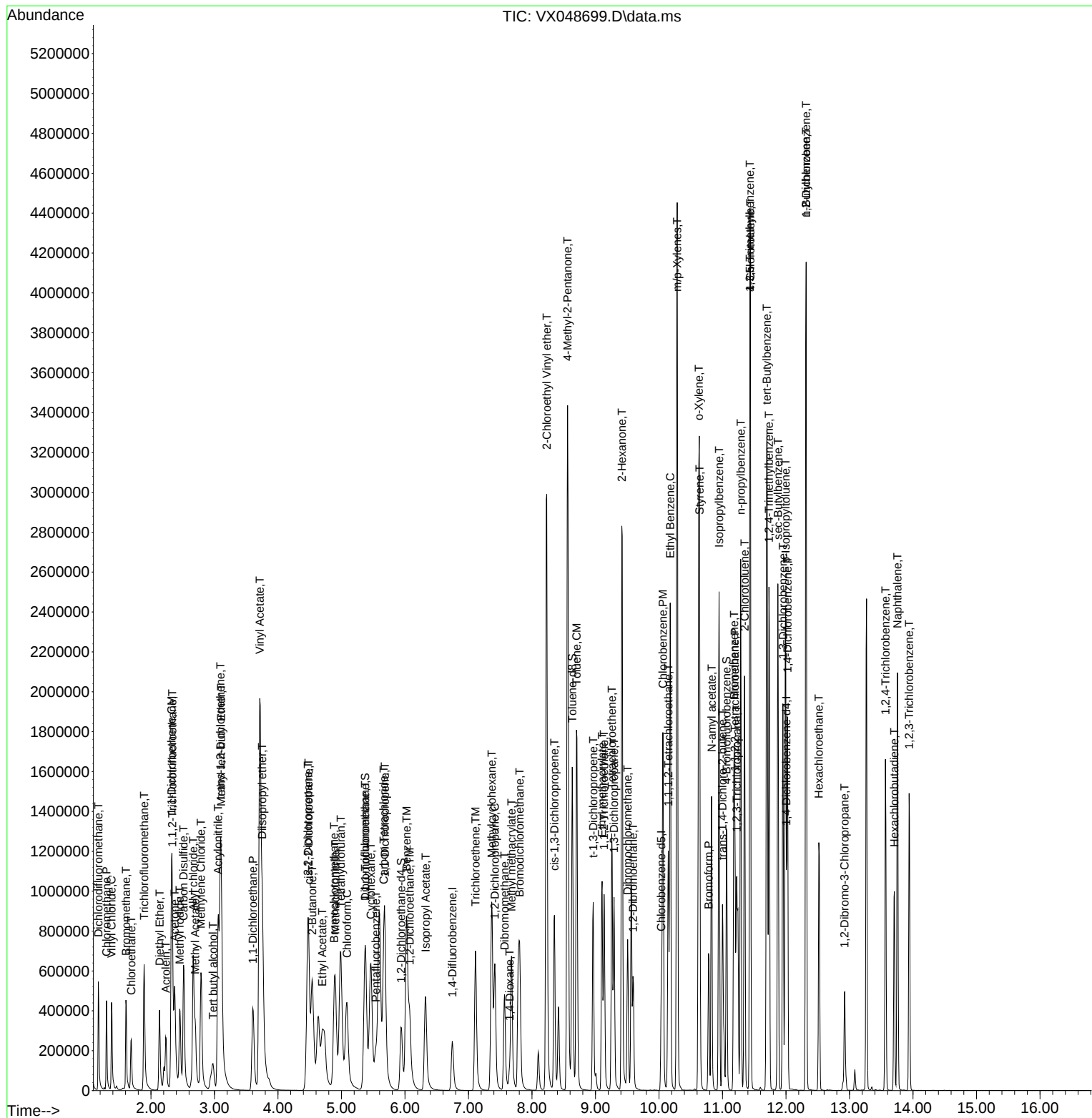
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\  
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Sample    : VSTDICC150  
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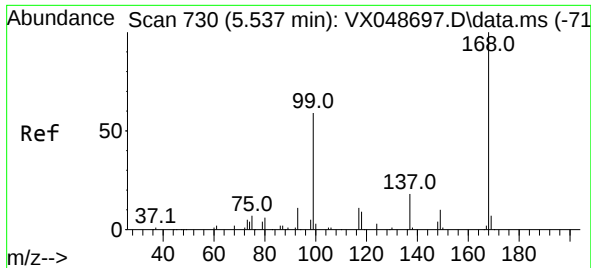
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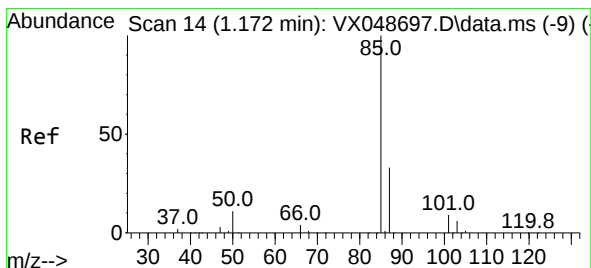
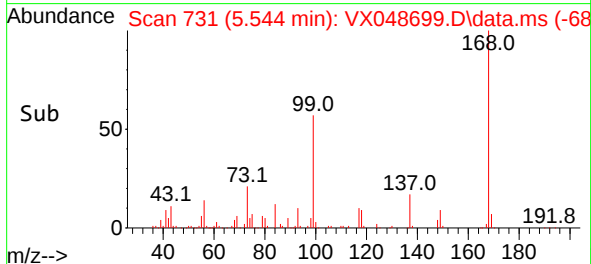
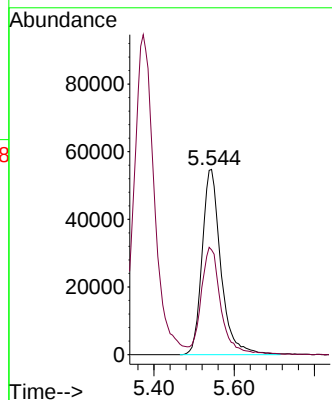
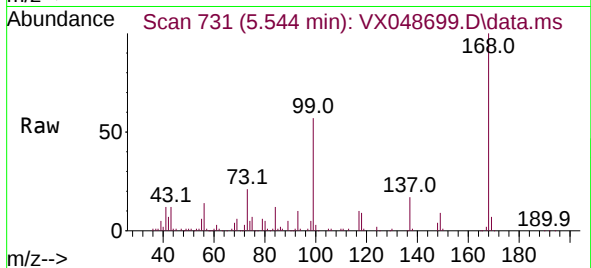
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 177333
Ion Ratio Lower Upper
168 100
99 56.2 48.3 72.5

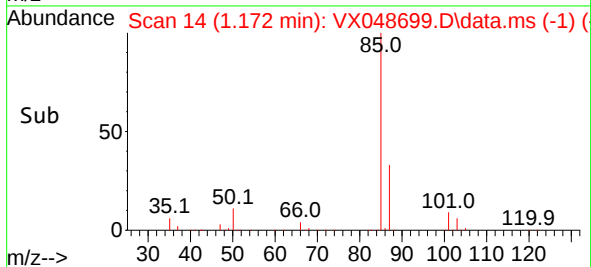
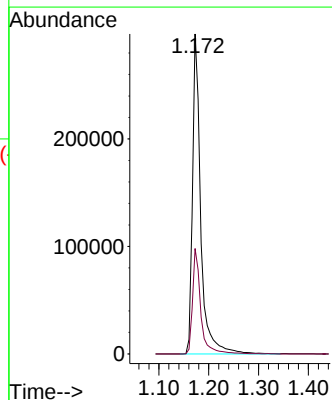
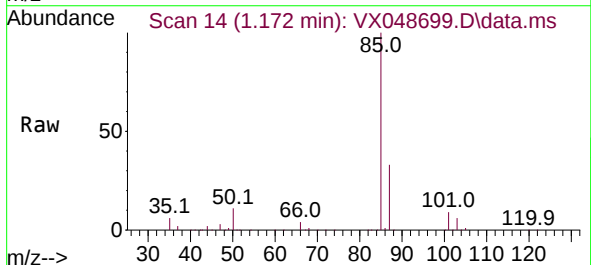
Manual Integrations
APPROVED

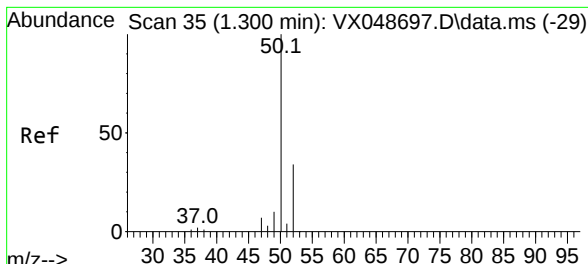
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 166.881 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 85 Resp: 341107
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.7





#3
 Chloromethane
 Concen: 152.945 ug/l
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

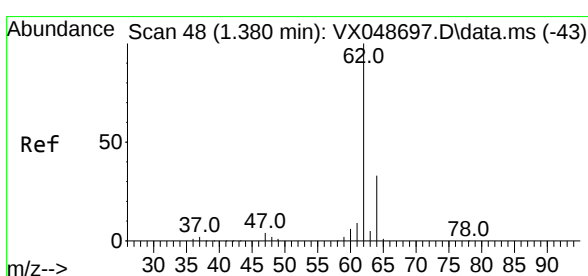
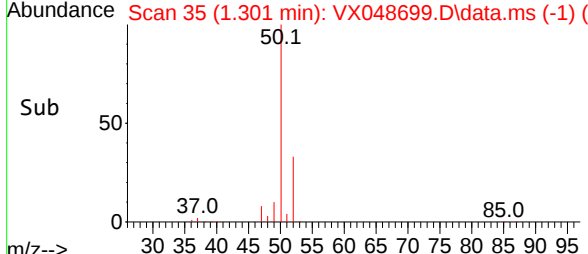
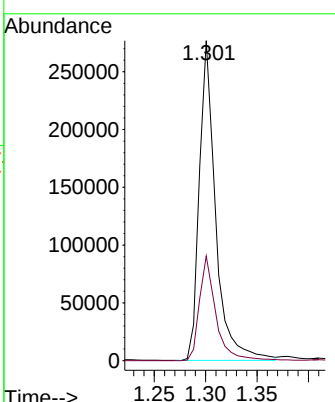
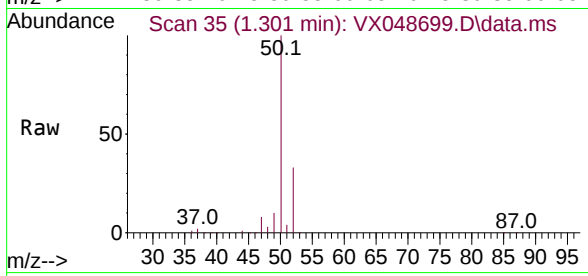
VSTDICC150

Tgt Ion: 50 Resp: 304716
 Ion Ratio Lower Upper
 50 100
 52 32.7 26.8 40.2

Manual Integrations

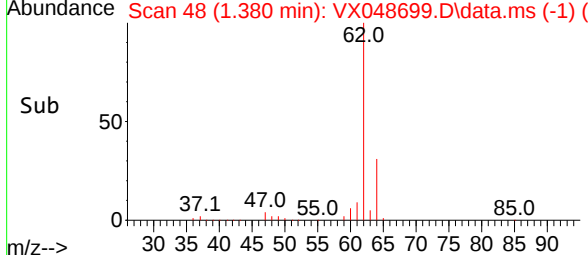
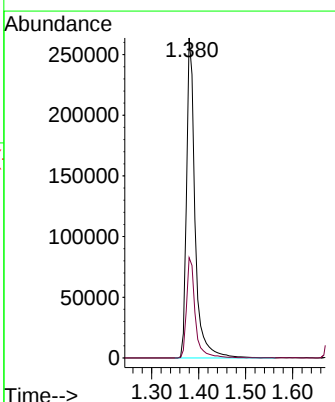
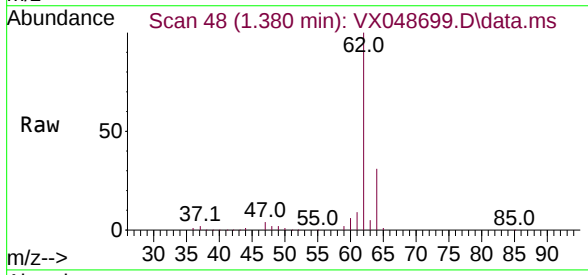
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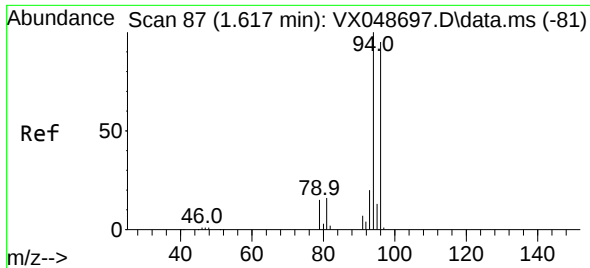
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#4
 Vinyl Chloride
 Concen: 151.552 ug/l
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31

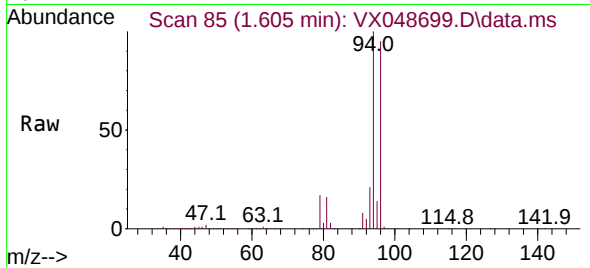
Tgt Ion: 62 Resp: 330812
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.7 40.1





#5
Bromomethane
Concen: 129.555 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

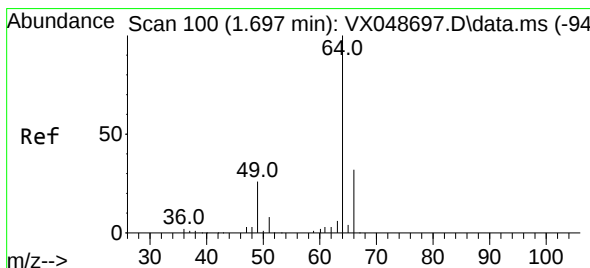
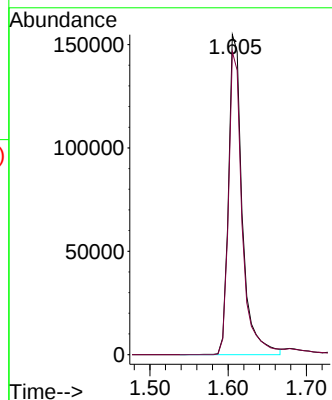
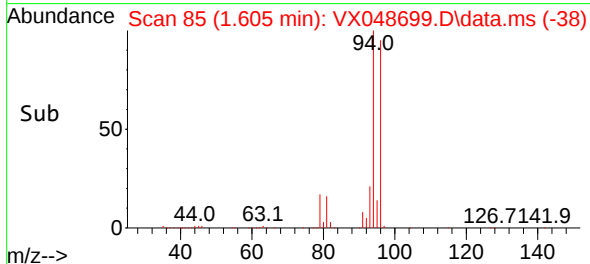
Instrument :
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Tgt Ion: 94 Resp: 187896
Ion Ratio Lower Upper
94 100
96 94.6 76.1 114.1

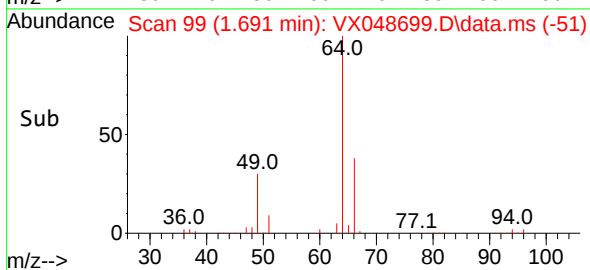
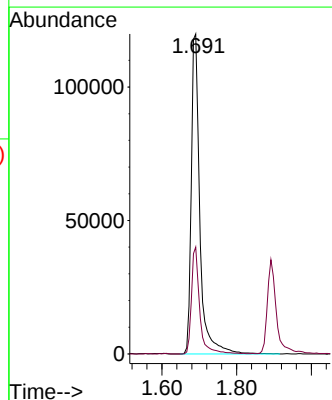
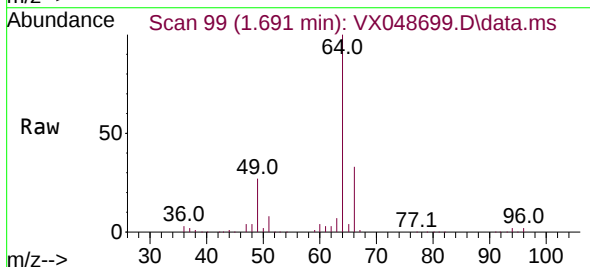
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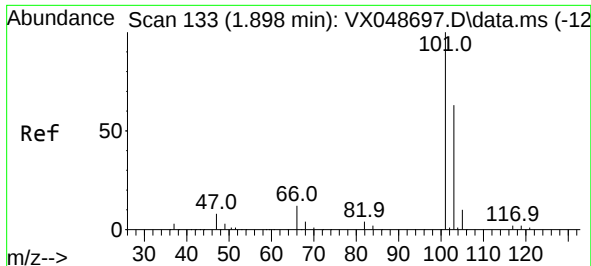
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 147.739 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

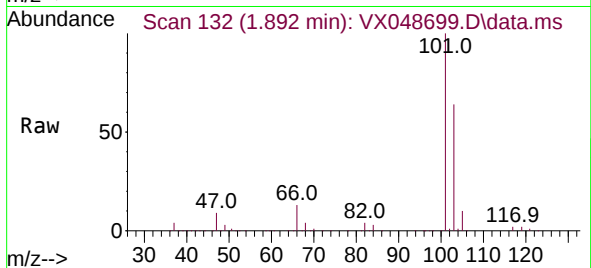
Tgt Ion: 64 Resp: 190970
Ion Ratio Lower Upper
64 100
66 33.4 25.2 37.8





#7
Trichlorofluoromethane
Concen: 150.093 ug/l
RT: 1.892 min Scan# 133
Delta R.T. -0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

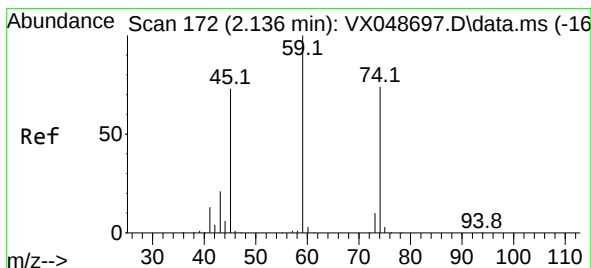
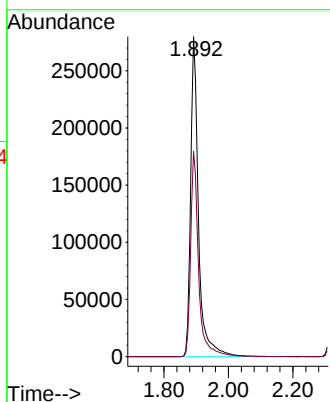
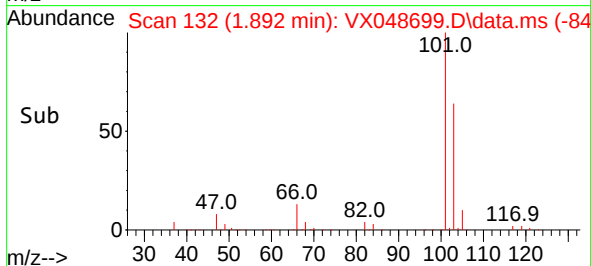
Instrument :
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ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 476058
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

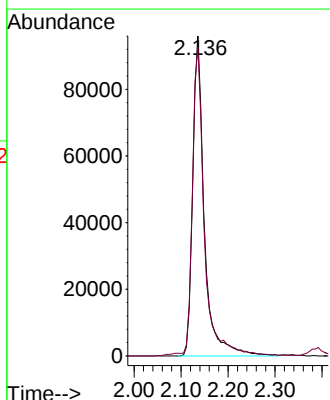
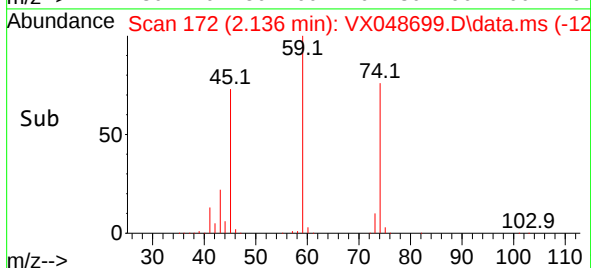
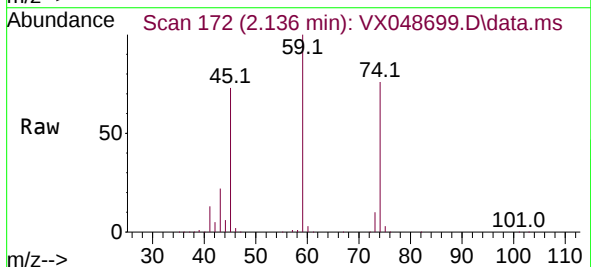
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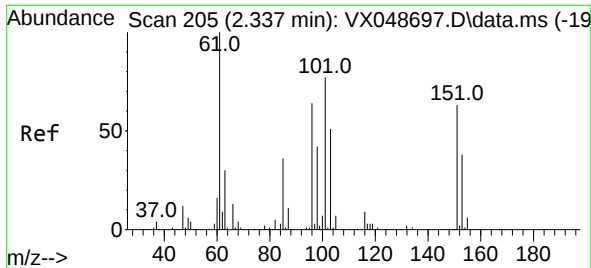
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#8
Diethyl Ether
Concen: 145.145 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 74 Resp: 163926
Ion Ratio Lower Upper
74 100
45 99.7 48.1 144.4





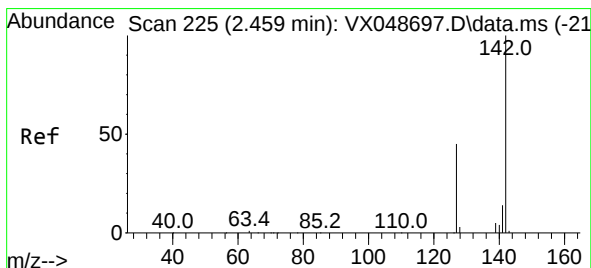
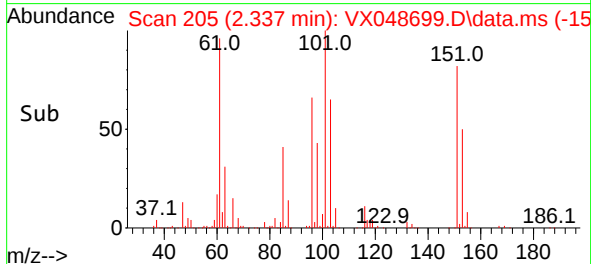
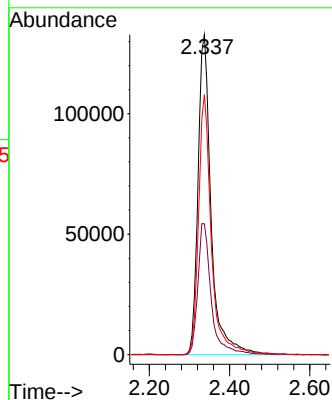
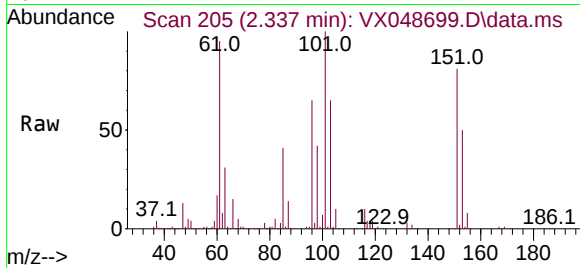
#9
1,1,2-Trichlorotrifluoroethane
Concen: 159.198 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 300912
Ion Ratio Lower Upper
101 100
85 42.0 35.5 53.3
151 79.2 62.2 93.4

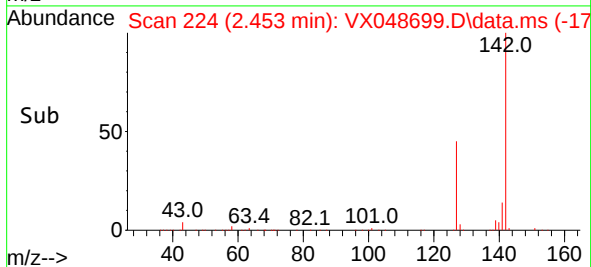
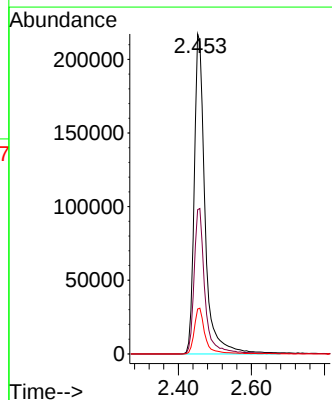
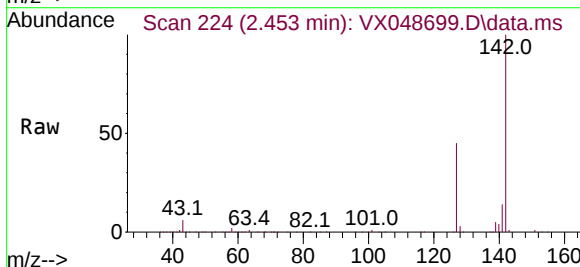
Manual Integrations
APPROVED

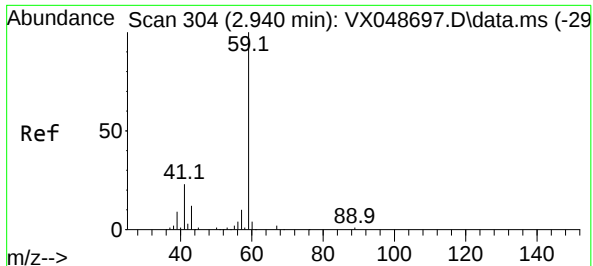
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 163.697 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

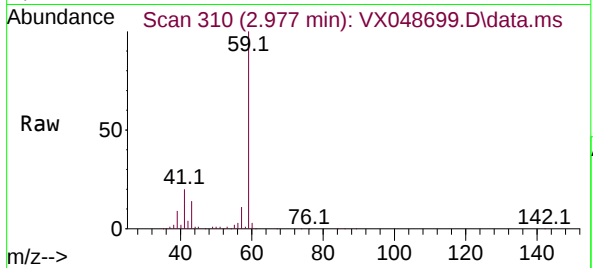
Tgt Ion:142 Resp: 445755
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 757.704 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.037 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

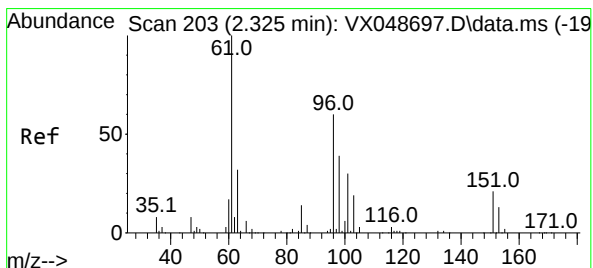
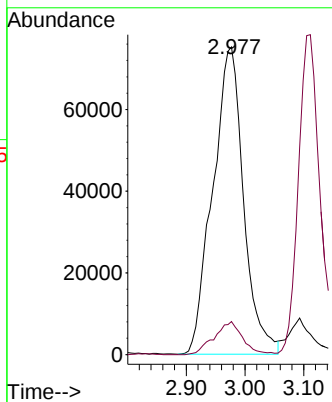
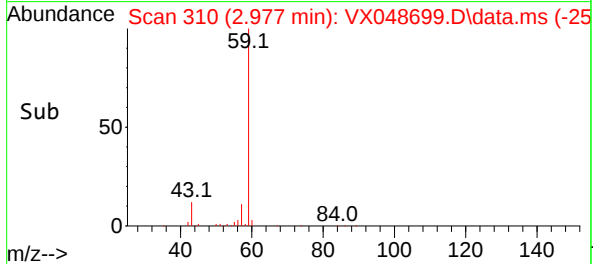
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 274386
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

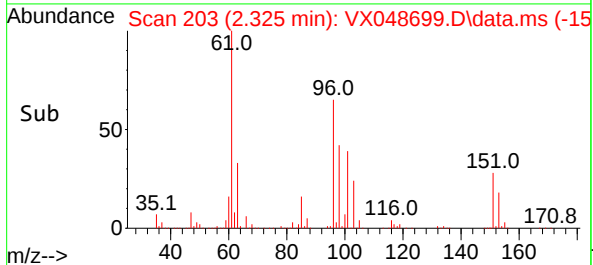
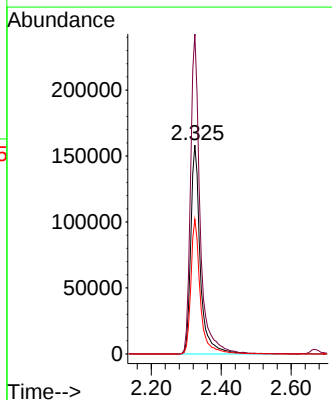
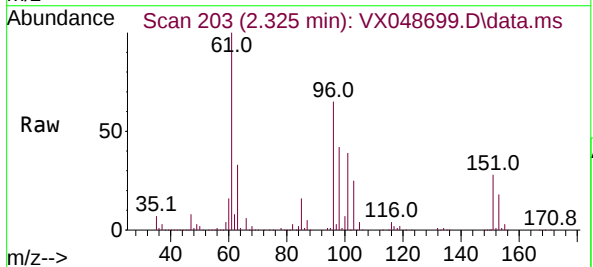
Manual Integrations
APPROVED

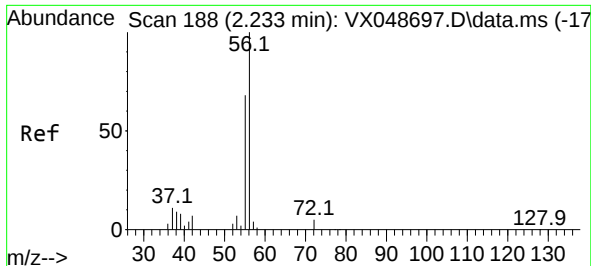
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#12
1,1-Dichloroethene
Concen: 159.267 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

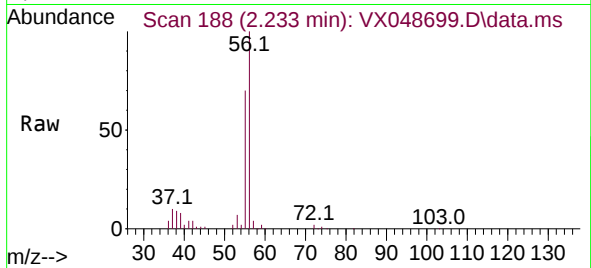
Tgt Ion: 96 Resp: 299289
Ion Ratio Lower Upper
96 100
61 153.3 133.5 200.3
98 64.5 52.2 78.4





#13
Acrolein
Concen: 1062.370 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

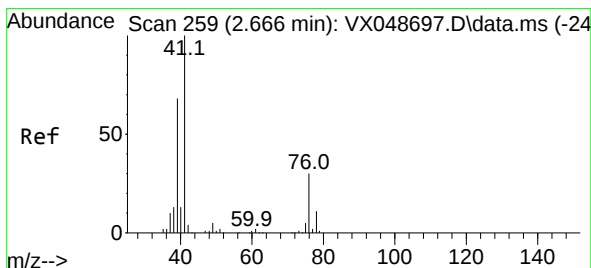
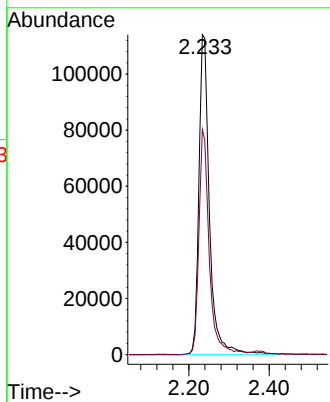
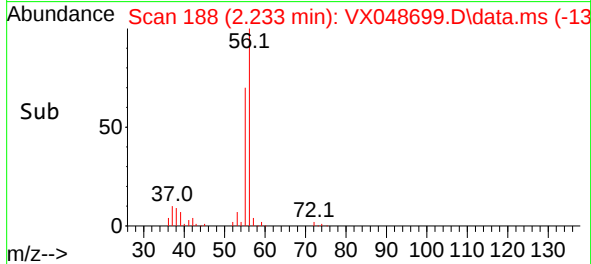
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 208043
Ion Ratio Lower Upper
56 100
55 68.7 56.2 84.4

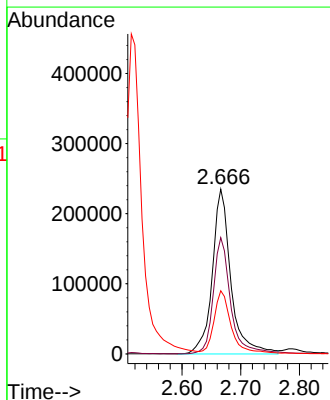
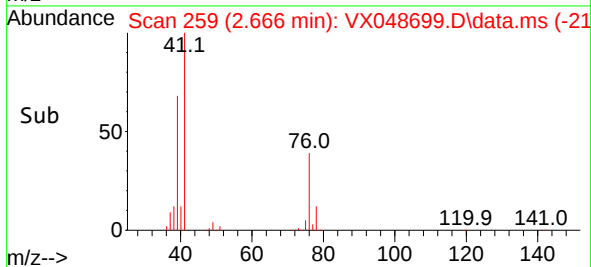
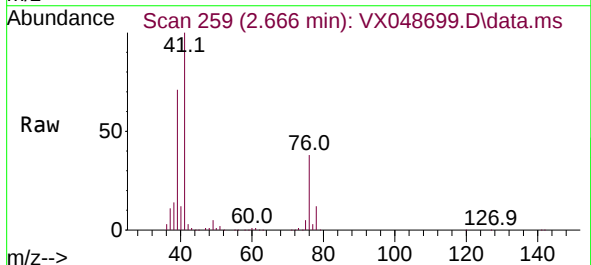
Manual Integrations
APPROVED

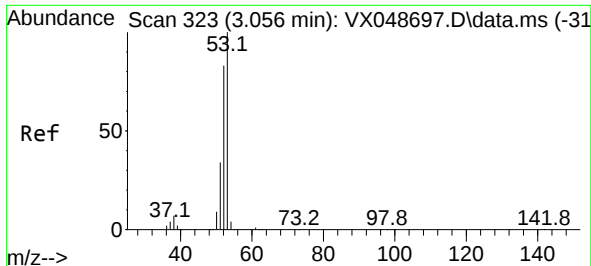
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 145.910 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

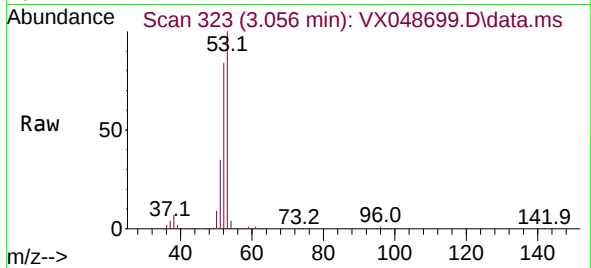
Tgt Ion: 41 Resp: 518868
Ion Ratio Lower Upper
41 100
39 66.2 50.7 76.1
76 35.8 27.1 40.7





#15
Acrylonitrile
Concen: 761.254 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

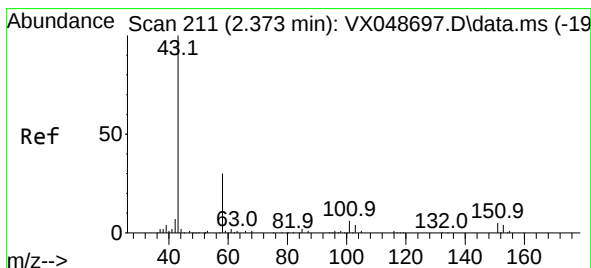
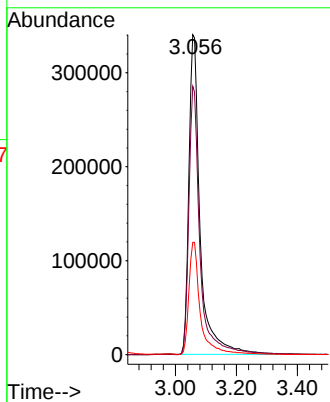
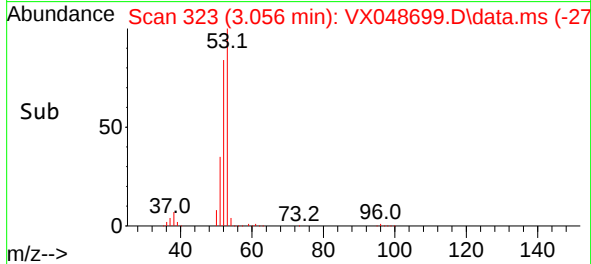
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



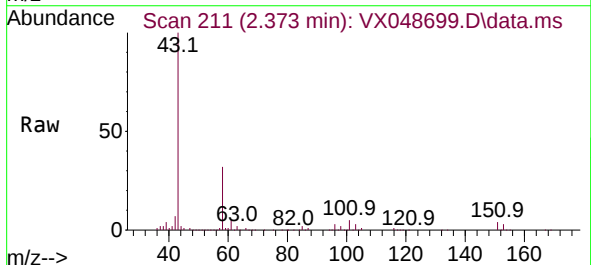
Tgt Ion: 53 Resp: 876258
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 35.5 28.3 42.5

Manual Integrations
APPROVED

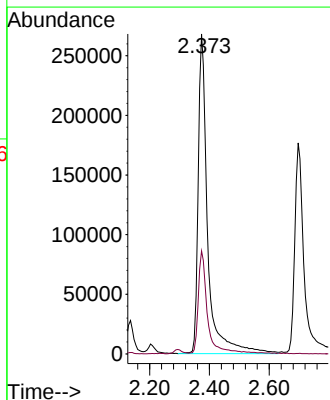
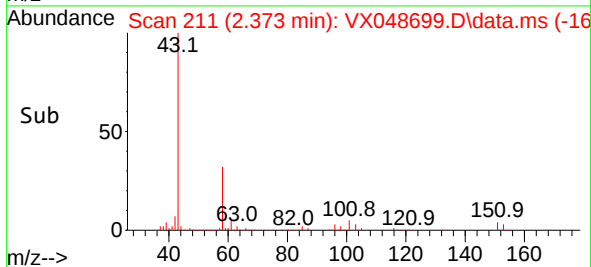
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

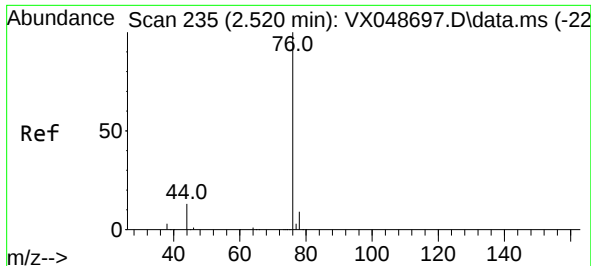


#16
Acetone
Concen: 753.558 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



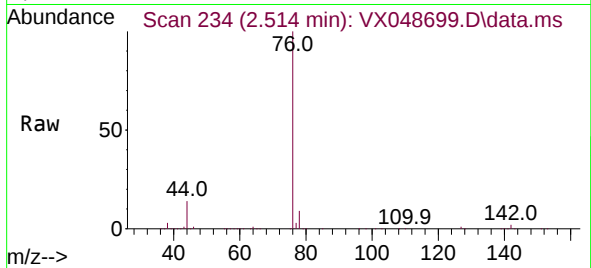
Tgt Ion: 43 Resp: 589652
Ion Ratio Lower Upper
43 100
58 32.0 24.9 37.3





#17
Carbon Disulfide
Concen: 153.092 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

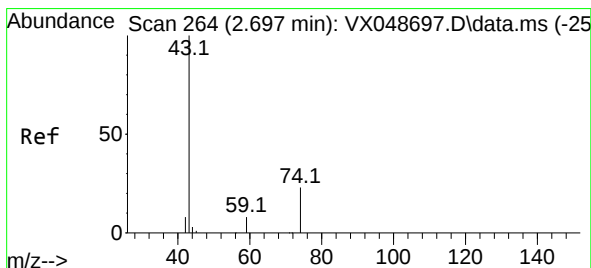
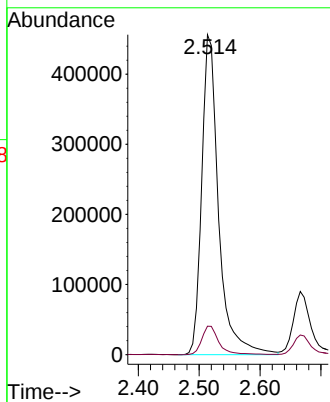
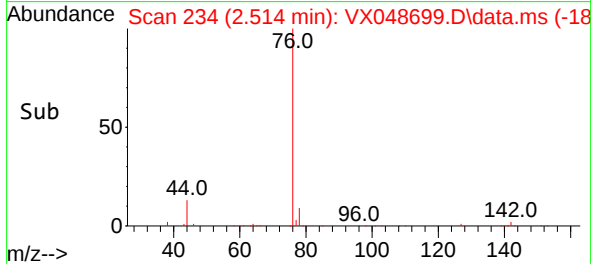
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 876298
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

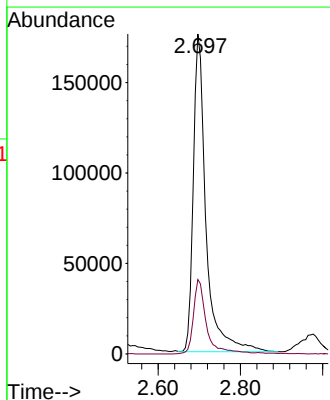
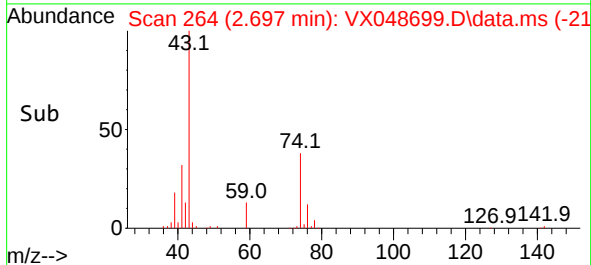
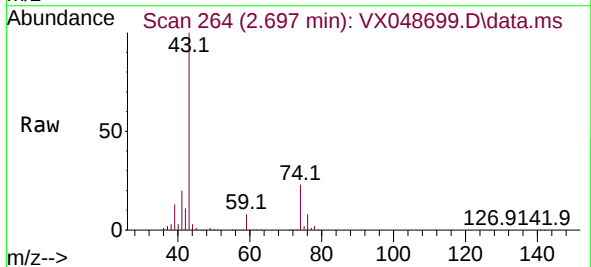
Manual Integrations
APPROVED

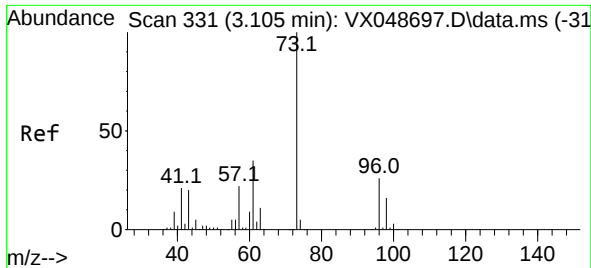
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 145.553 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 43 Resp: 377240
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6





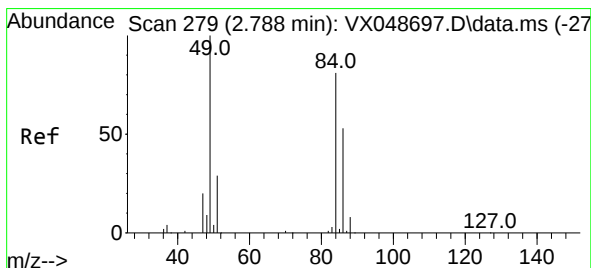
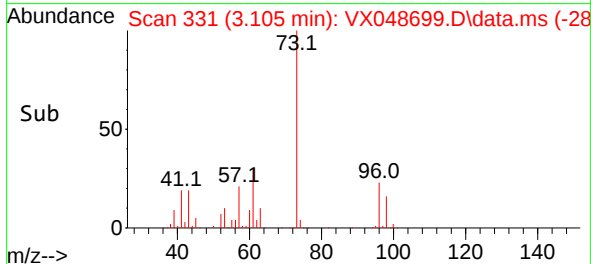
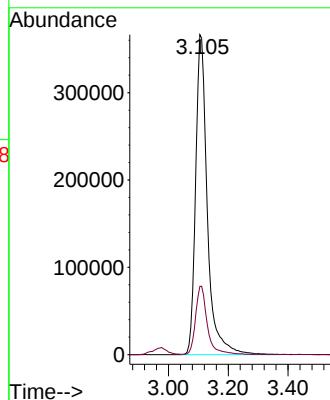
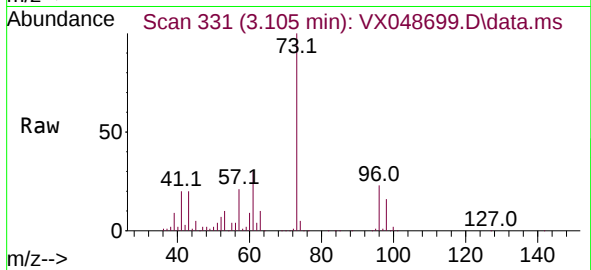
#19
Methyl tert-butyl Ether
Concen: 155.446 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 99538
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3

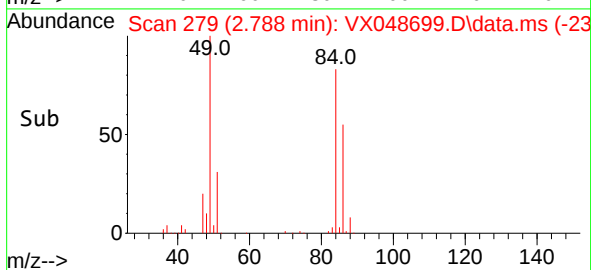
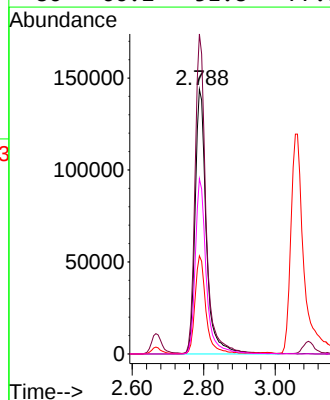
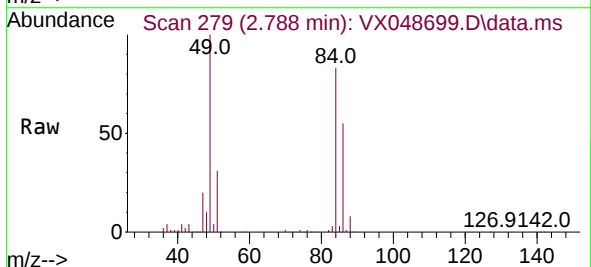
Manual Integrations
APPROVED

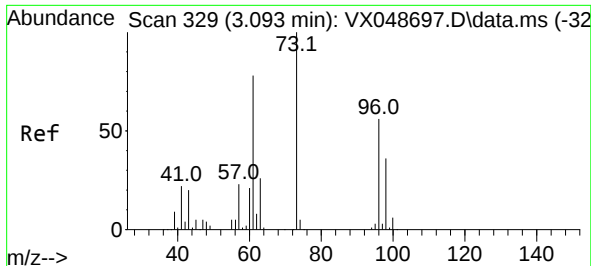
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 143.214 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

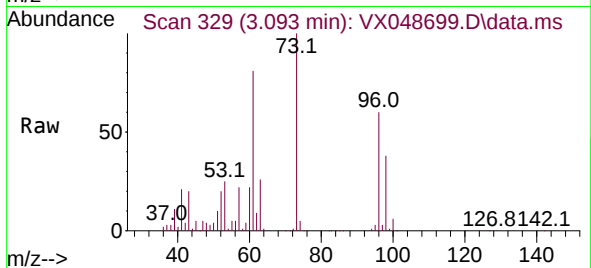
Tgt Ion: 84 Resp: 312807
Ion Ratio Lower Upper
84 100
49 120.7 98.6 148.0
51 37.0 28.7 43.1
86 66.2 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 159.651 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

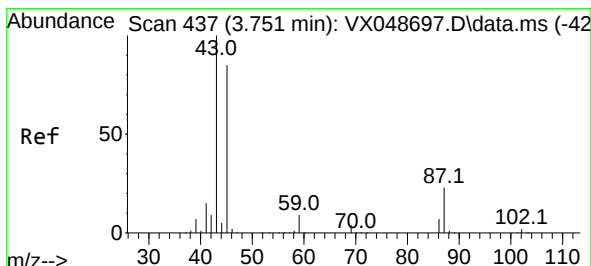
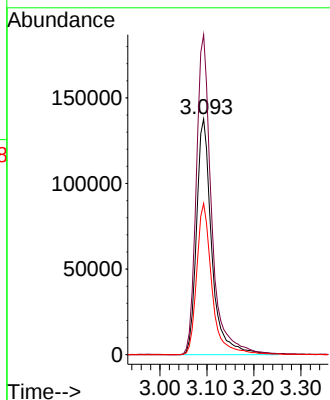
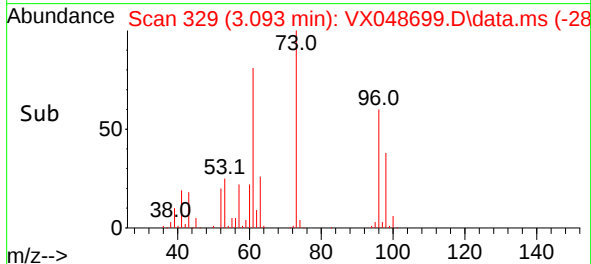
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 309636
Ion Ratio Lower Upper
96 100
61 135.7 110.6 166.0
98 64.1 51.1 76.7

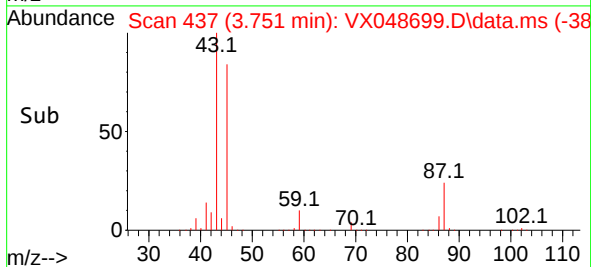
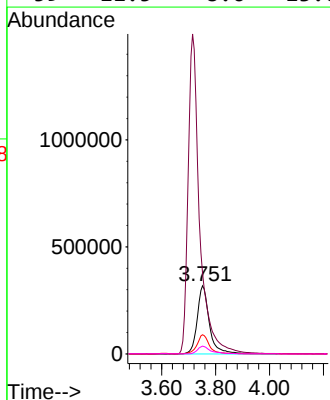
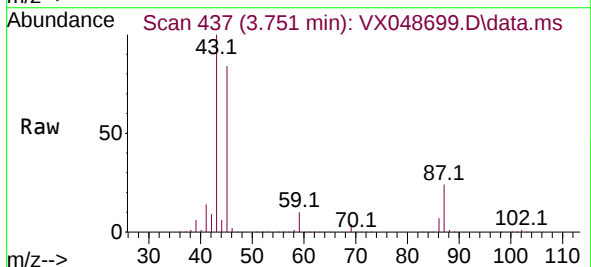
Manual Integrations
APPROVED

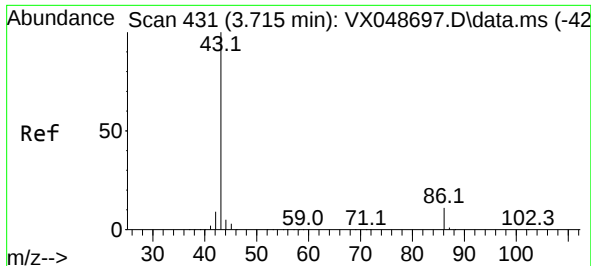
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 155.840 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

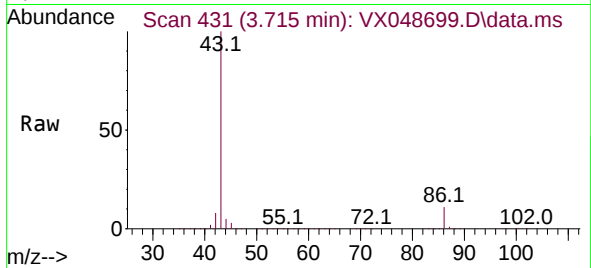
Tgt Ion: 45 Resp: 992441
Ion Ratio Lower Upper
45 100
43 119.0 94.6 141.8
87 28.0 21.7 32.5
59 11.5 8.6 13.0





#23
 Vinyl Acetate
 Concen: 805.591 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31

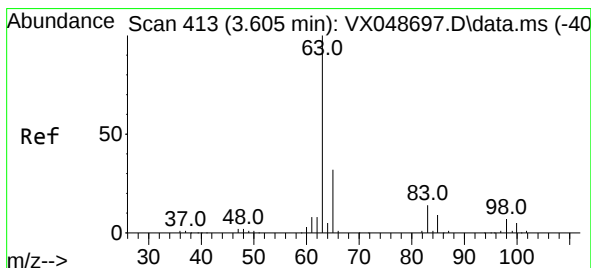
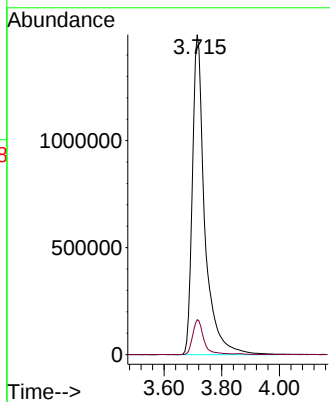
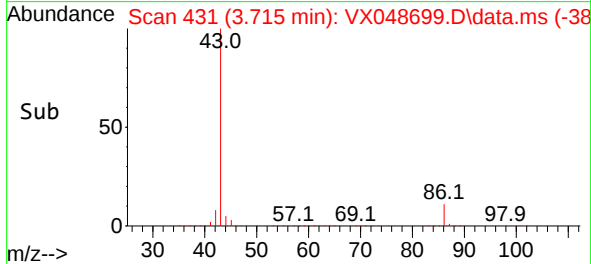
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



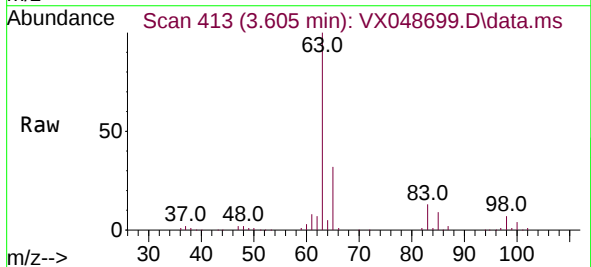
Tgt Ion: 43 Resp: 445954
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

Manual Integrations
 APPROVED

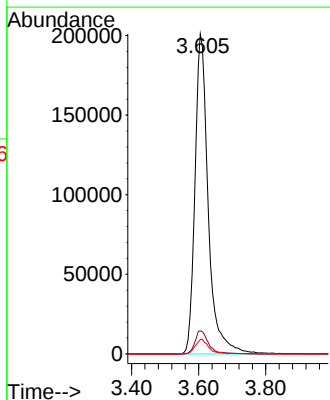
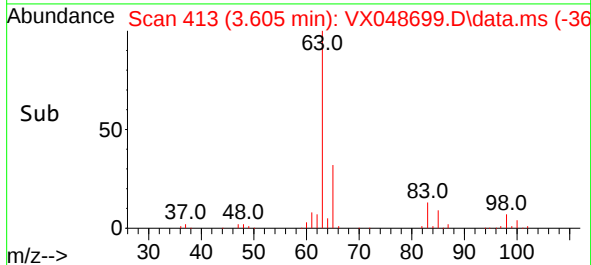
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

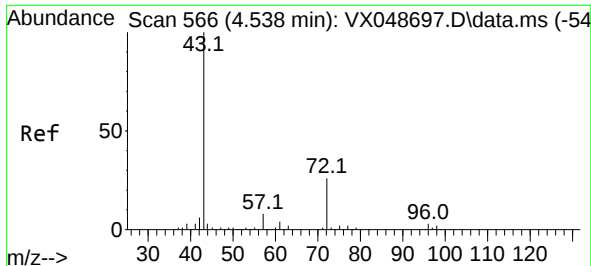


#24
 1,1-Dichloroethane
 Concen: 151.744 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31



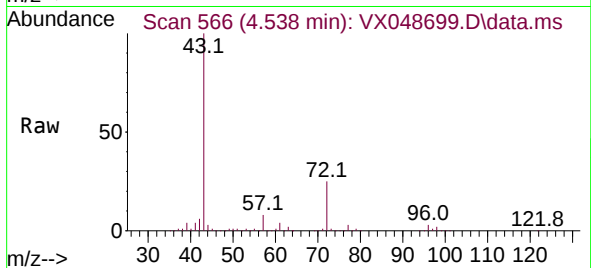
Tgt Ion: 63 Resp: 550281
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 778.614 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

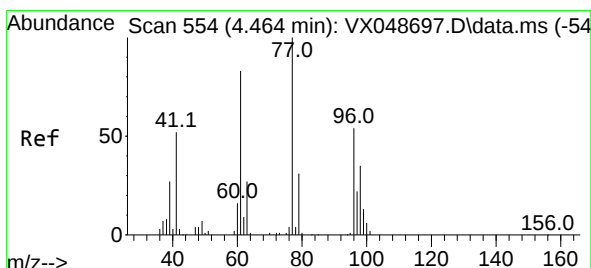
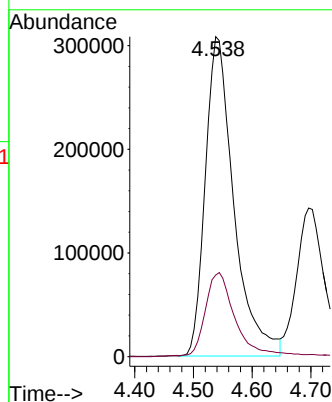
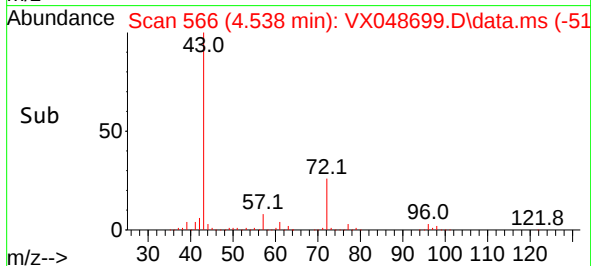
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



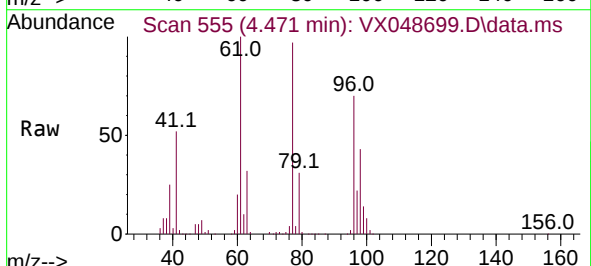
Tgt Ion: 43 Resp: 1040684
Ion Ratio Lower Upper
43 100
72 25.2 20.6 31.0

Manual Integrations
APPROVED

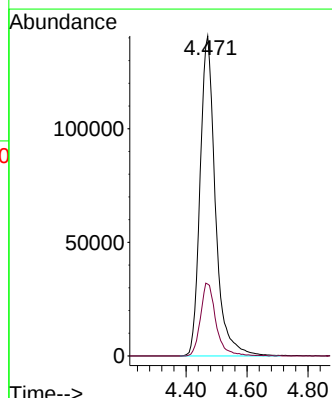
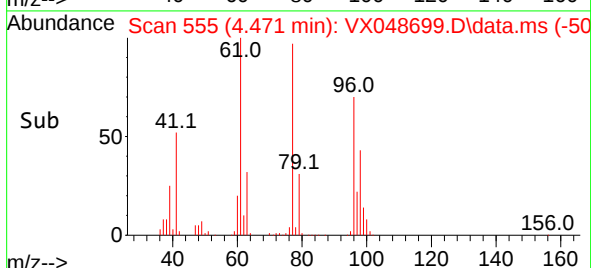
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

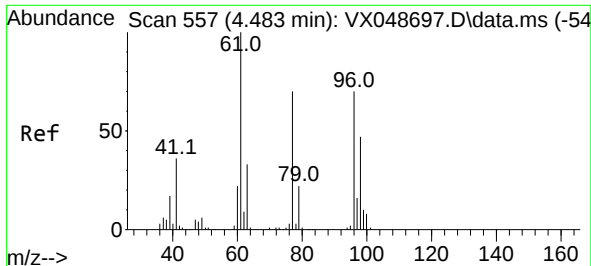


#26
2,2-Dichloropropane
Concen: 148.935 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



Tgt Ion: 77 Resp: 490141
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 148.535 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 360588

Ion Ratio Lower Upper

96 100

61 142.2 0.0 291.6

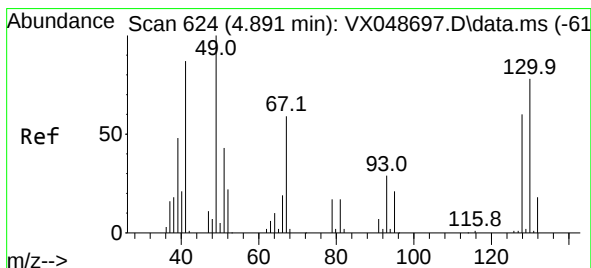
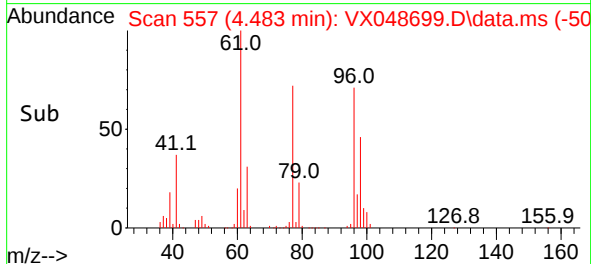
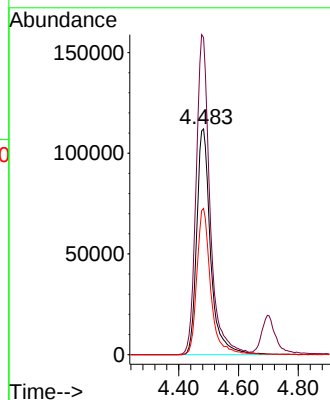
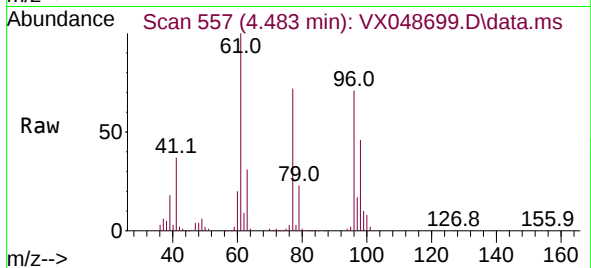
98 64.2 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 149.027 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

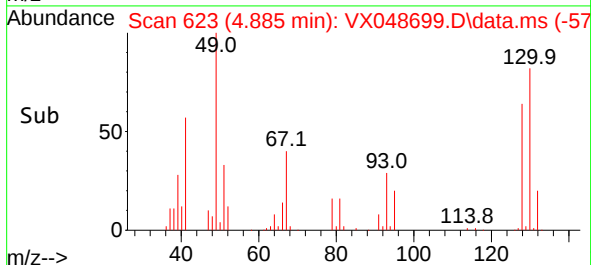
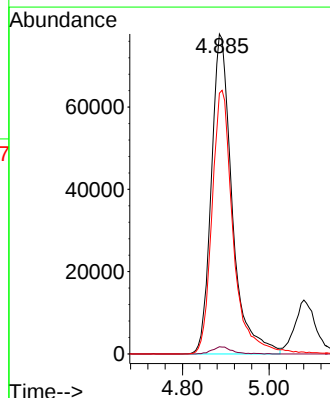
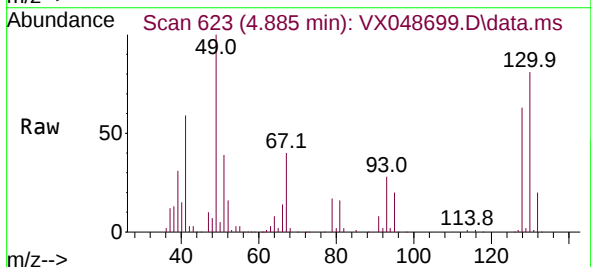
Tgt Ion: 49 Resp: 259482

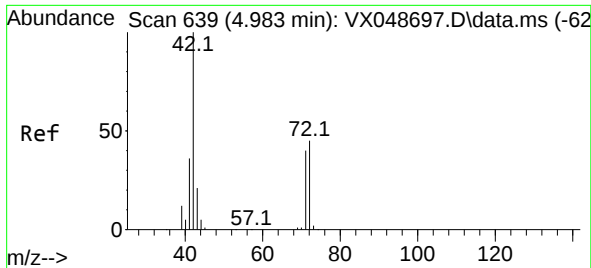
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

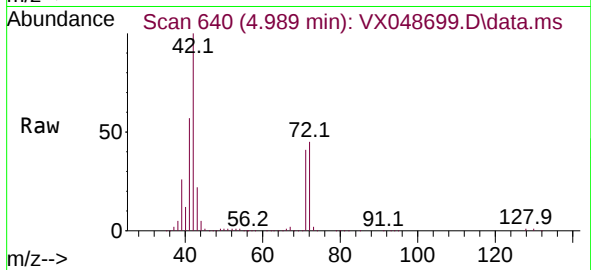
130 84.1 61.8 92.8





#29
Tetrahydrofuran
Concen: 734.418 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

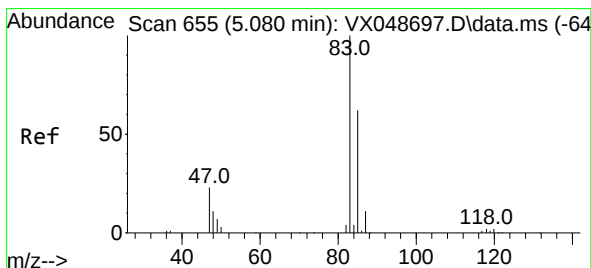
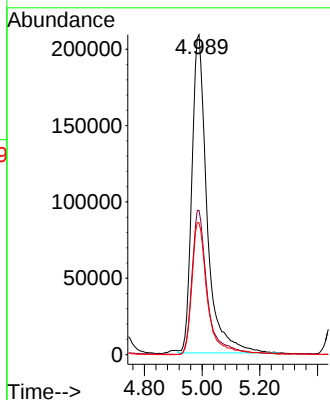
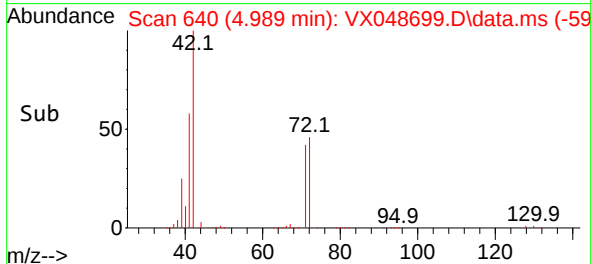
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 762406
Ion Ratio Lower Upper
42 100
72 45.9 36.6 55.0
71 42.2 33.0 49.6

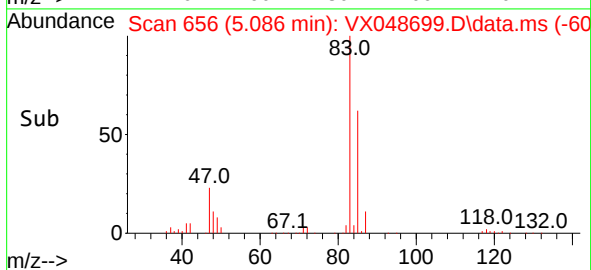
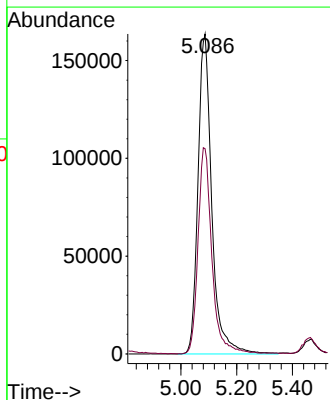
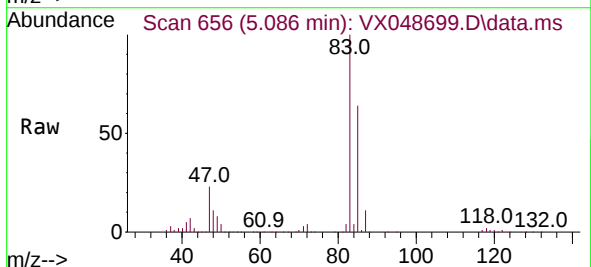
Manual Integrations
APPROVED

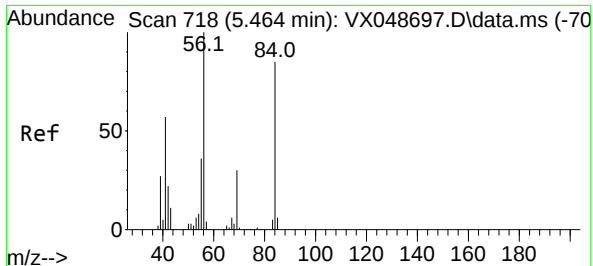
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#30
Chloroform
Concen: 145.925 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

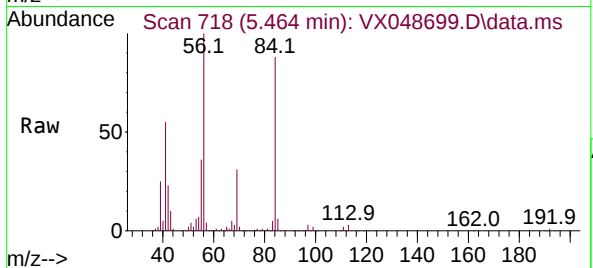
Tgt Ion: 83 Resp: 560582
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4





#31
Cyclohexane
Concen: 155.820 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

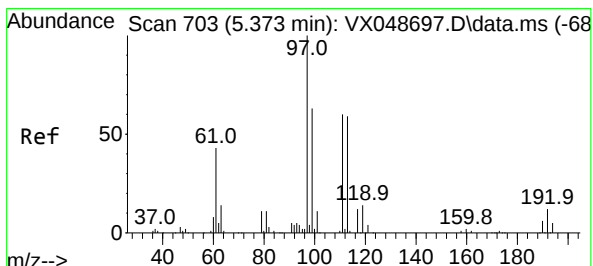
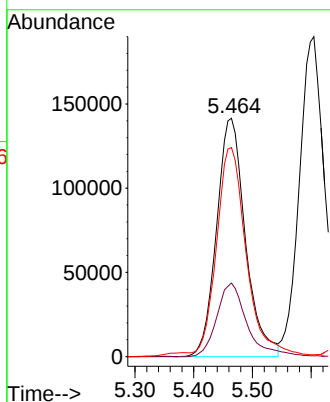
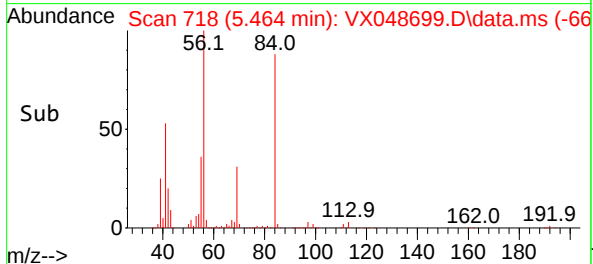
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 481403
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 86.2 68.2 102.2

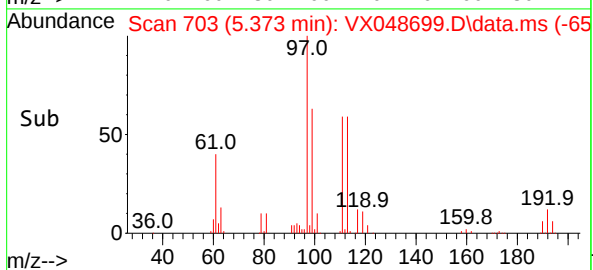
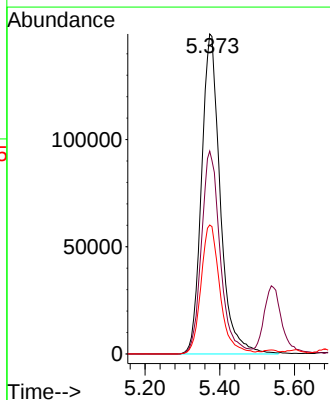
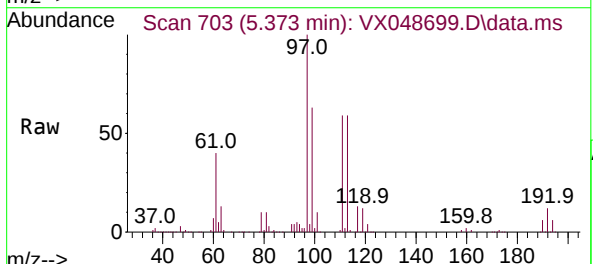
Manual Integrations
APPROVED

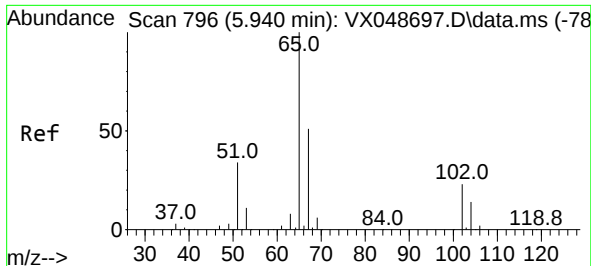
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 149.999 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

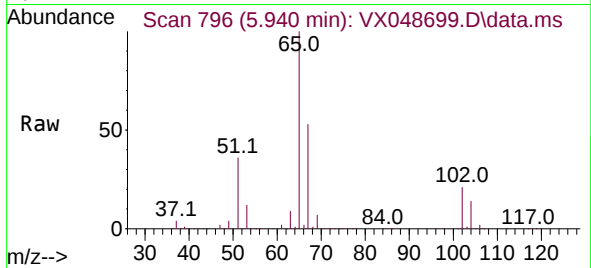
Tgt Ion: 97 Resp: 518126
Ion Ratio Lower Upper
97 100
99 63.4 50.2 75.4
61 41.0 34.2 51.4





#33
1,2-Dichloroethane-d4
Concen: 146.127 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

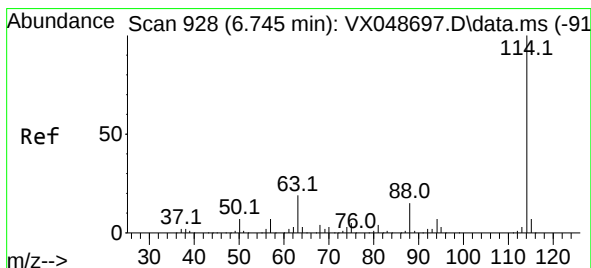
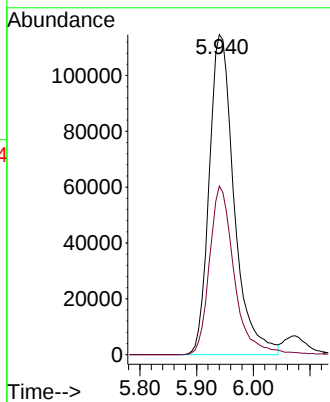
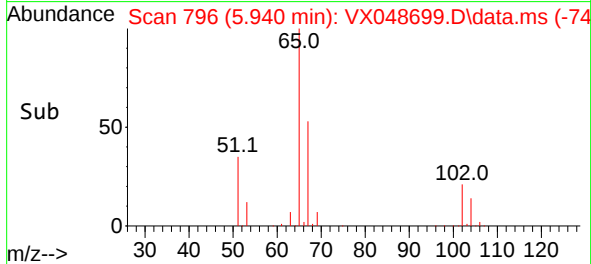
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 65 Resp: 349864
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

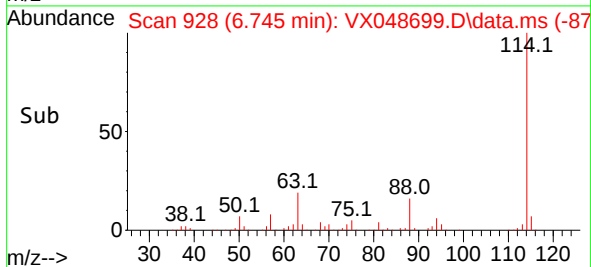
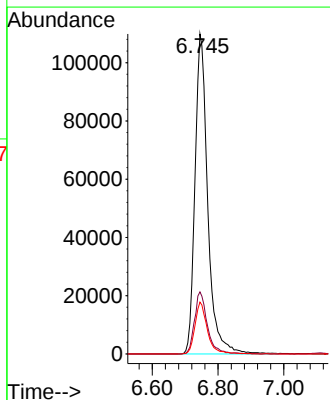
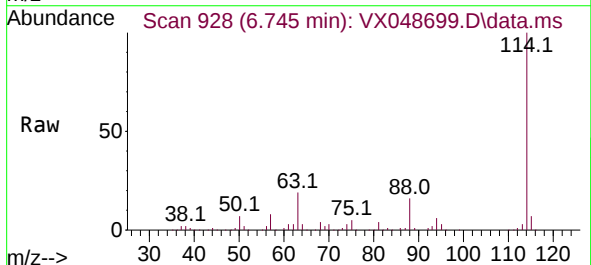
Manual Integrations
APPROVED

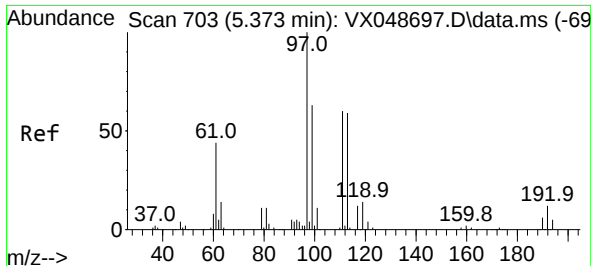
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

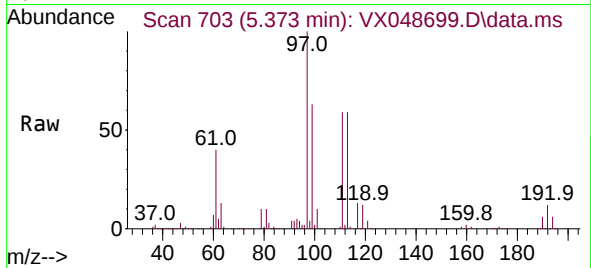
Tgt Ion:114 Resp: 294834
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.0
88 16.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 145.158 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

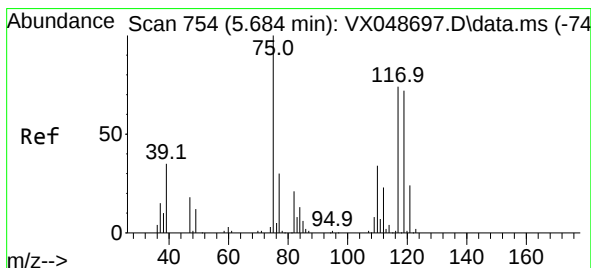
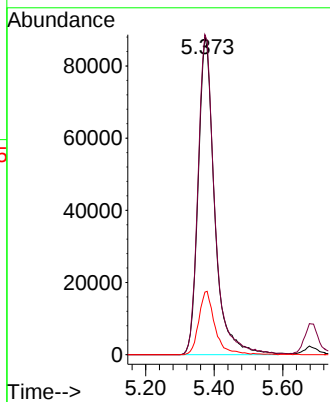
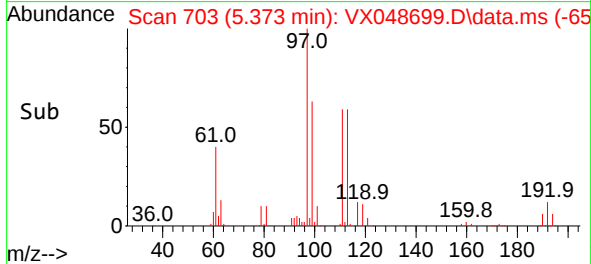
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 291708
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.4 15.5 23.3

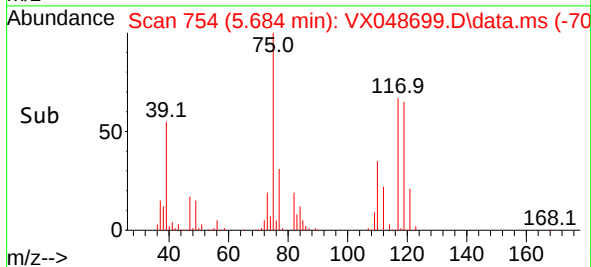
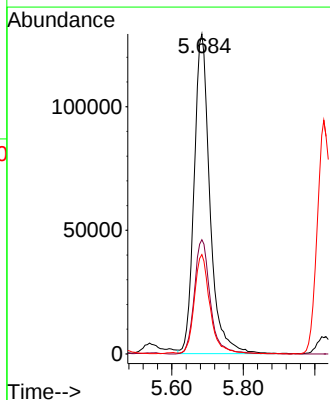
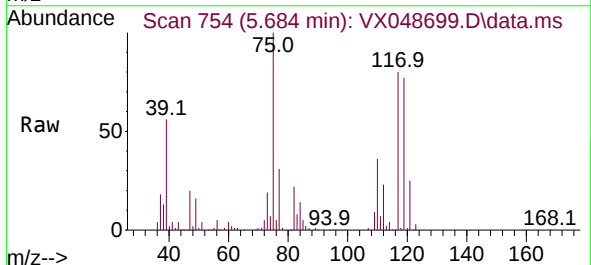
Manual Integrations
APPROVED

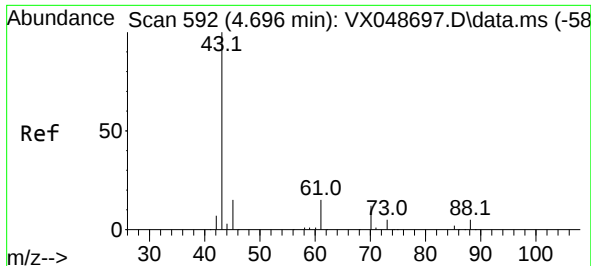
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 145.886 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 75 Resp: 396130
Ion Ratio Lower Upper
75 100
110 36.0 17.3 51.9
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 142.458 ug/l

RT: 4.696 min Scan# 592

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 510763

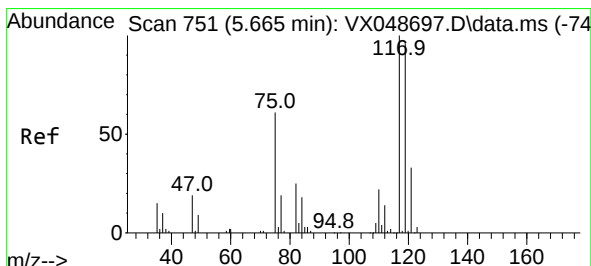
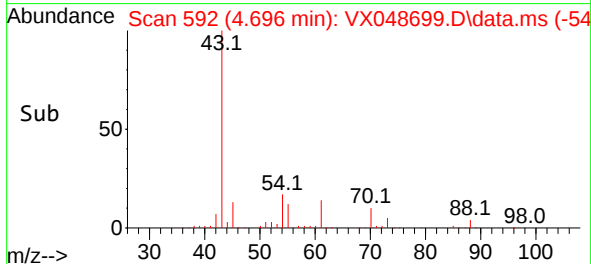
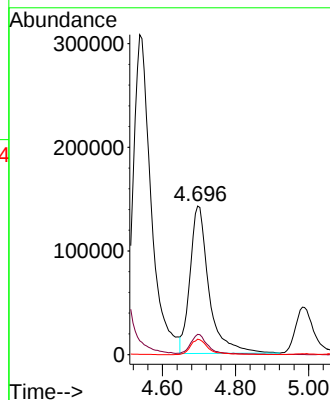
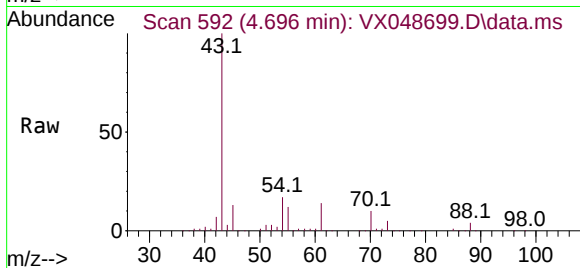
Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.4	14.0
70	9.7	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 147.374 ug/l

RT: 5.666 min Scan# 751

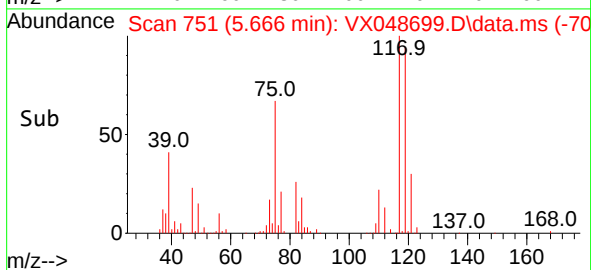
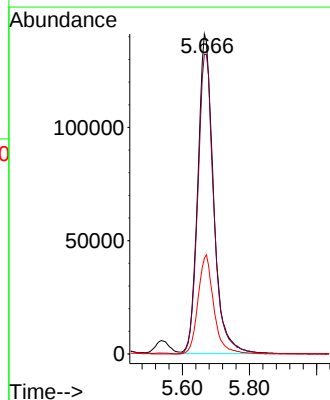
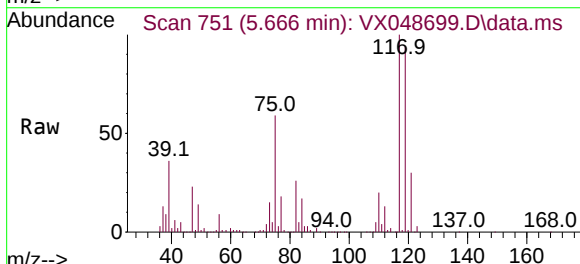
Delta R.T. 0.000 min

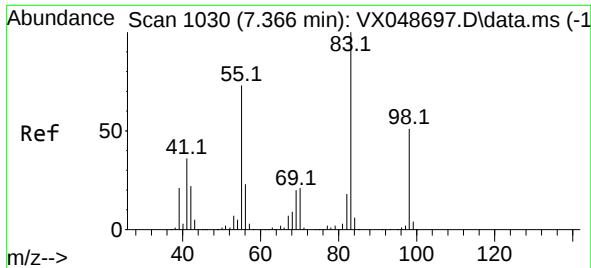
Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Tgt Ion:117 Resp: 459858

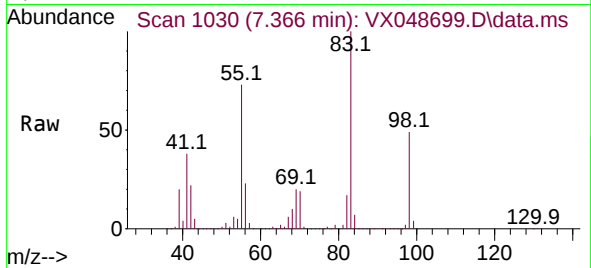
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.0	114.0
121	29.9	26.1	39.1





#39
Methylcyclohexane
Concen: 156.661 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

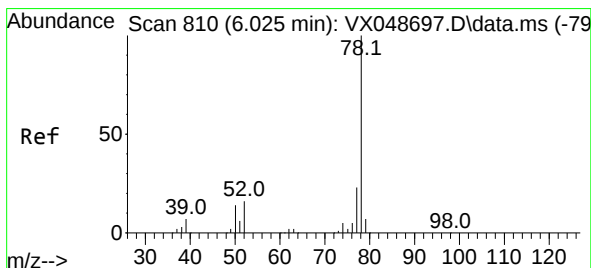
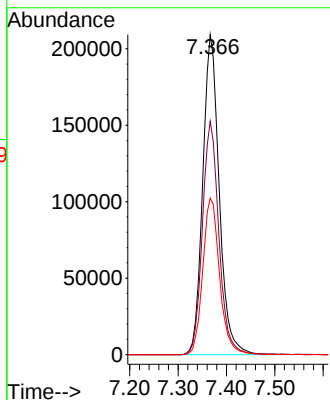
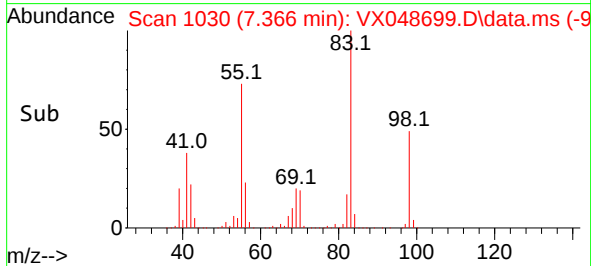
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 495122
Ion Ratio Lower Upper
83 100
55 72.9 58.2 87.2
98 48.9 41.2 61.8

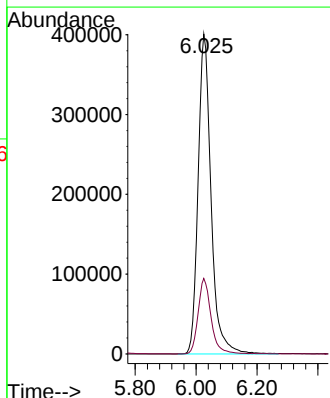
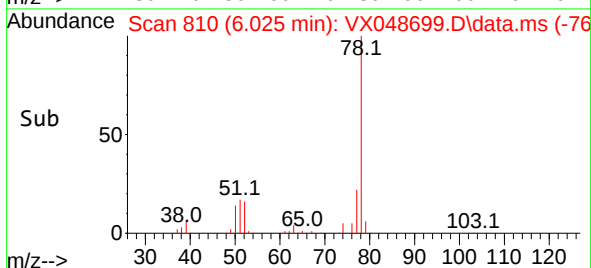
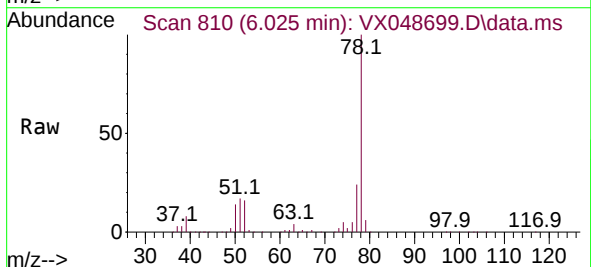
Manual Integrations
APPROVED

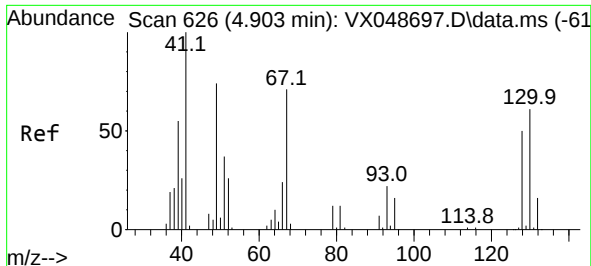
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 147.968 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

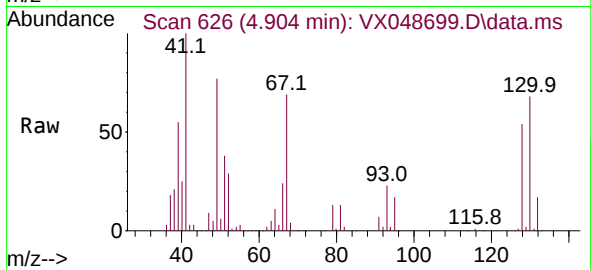
Tgt Ion: 78 Resp: 1180945
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7





#41
Methacrylonitrile
Concen: 147.856 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

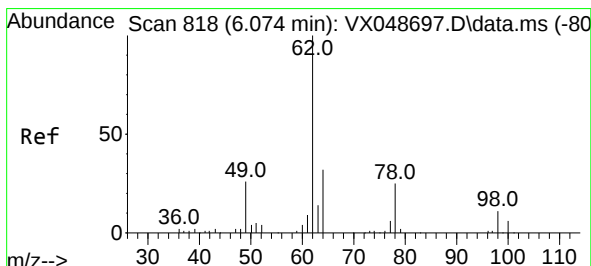
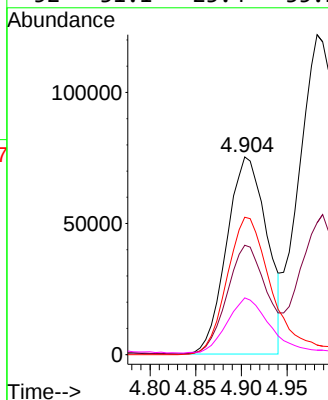
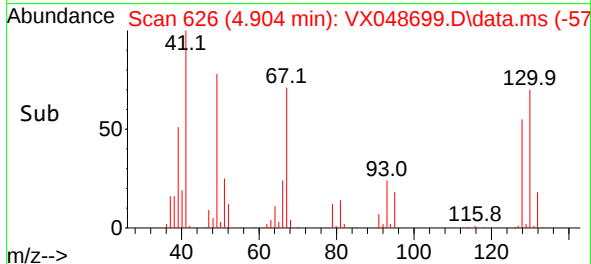
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 230708
Ion Ratio Lower Upper
41 100
39 56.2 44.9 67.3
67 80.7 63.7 95.5
52 31.1 23.4 35.2

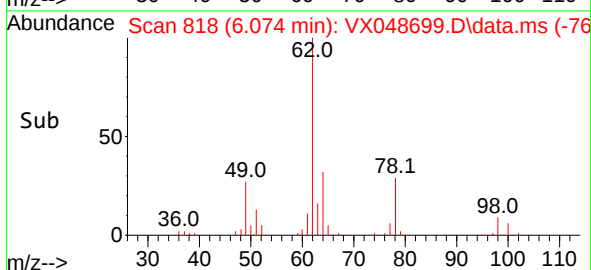
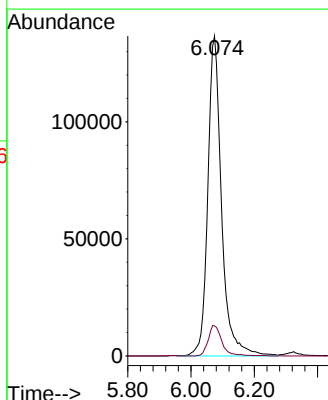
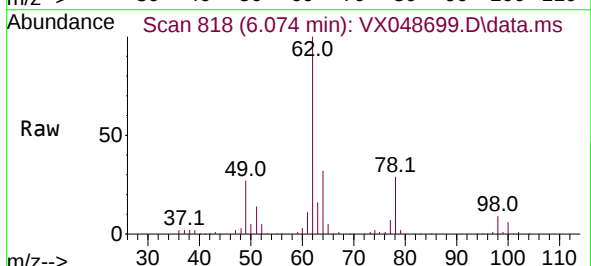
Manual Integrations
APPROVED

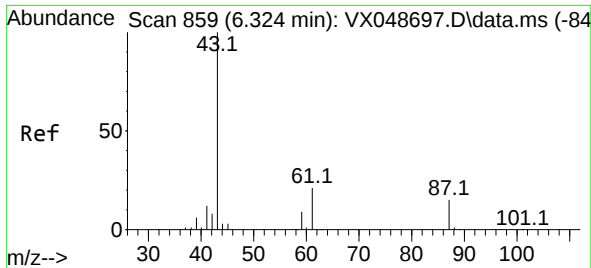
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 143.926 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 62 Resp: 412470
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.0





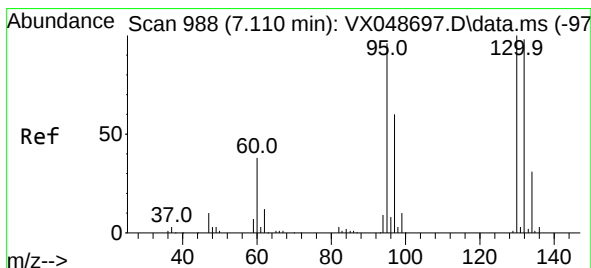
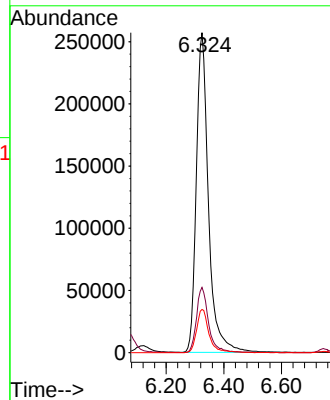
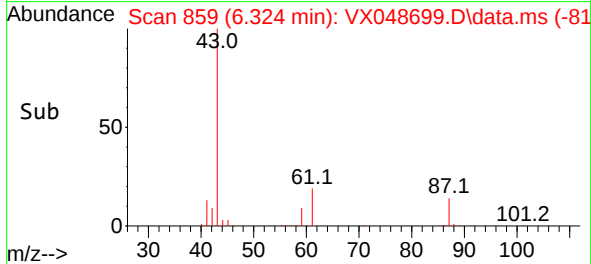
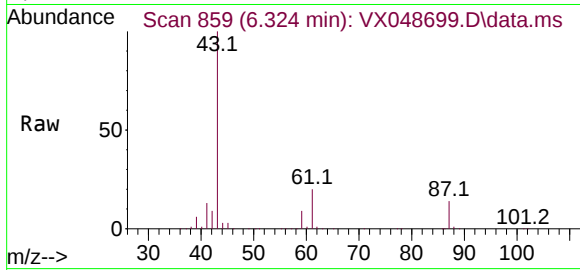
#43
Isopropyl Acetate
Concen: 154.884 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 749792
Ion Ratio Lower Upper
43 100
61 20.3 17.3 25.9
87 13.7 11.8 17.6

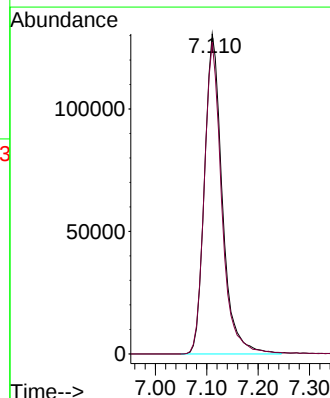
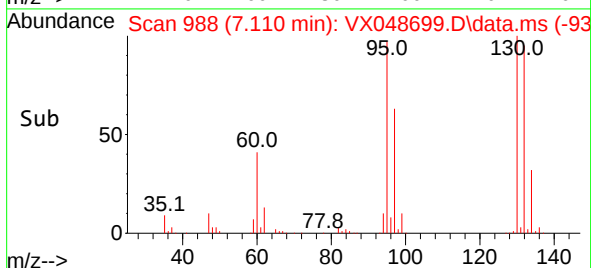
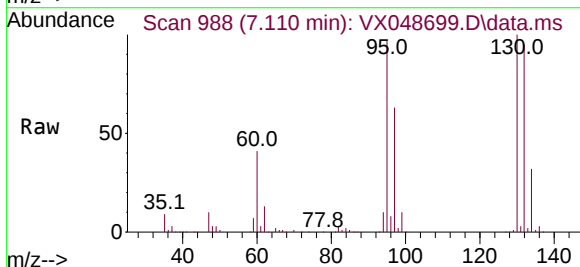
Manual Integrations
APPROVED

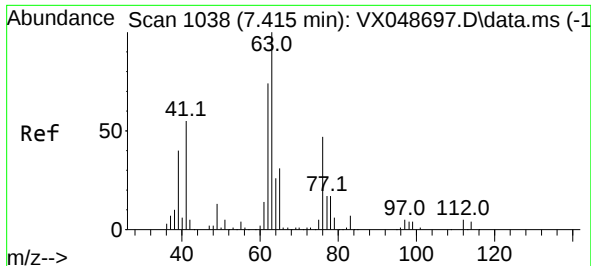
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 149.057 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

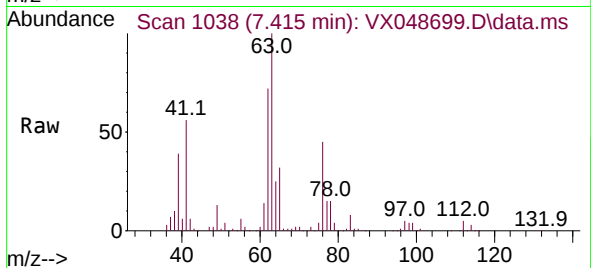
Tgt Ion:130 Resp: 313187
Ion Ratio Lower Upper
130 100
95 97.4 0.0 192.0





#45
1,2-Dichloropropane
Concen: 142.060 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

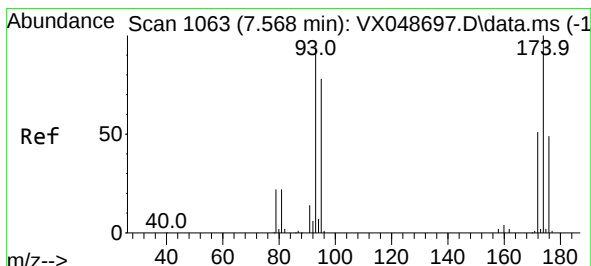
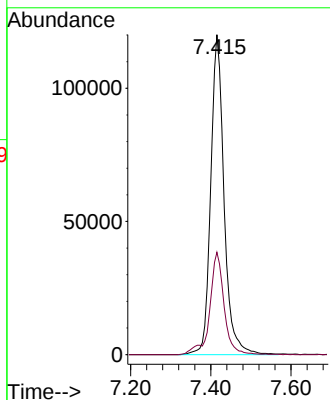
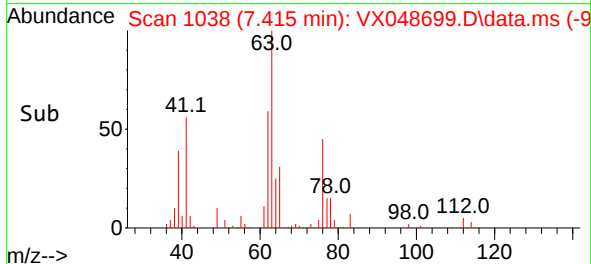
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 277114
Ion Ratio Lower Upper
63 100
65 32.0 25.2 37.8

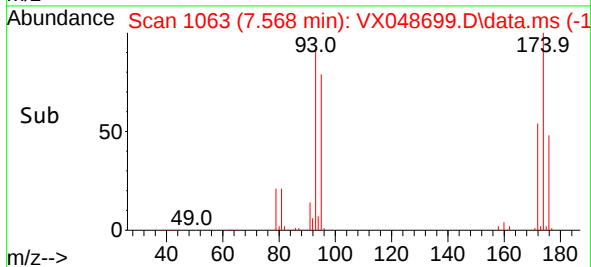
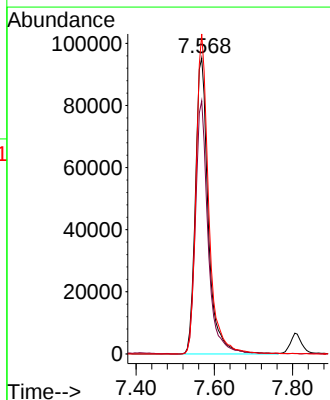
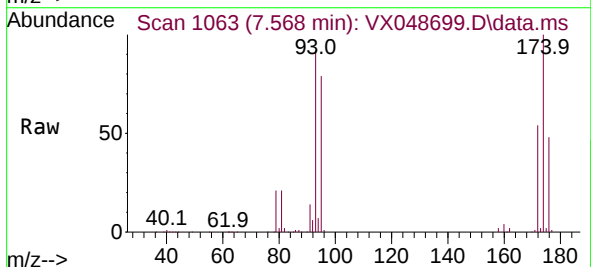
Manual Integrations
APPROVED

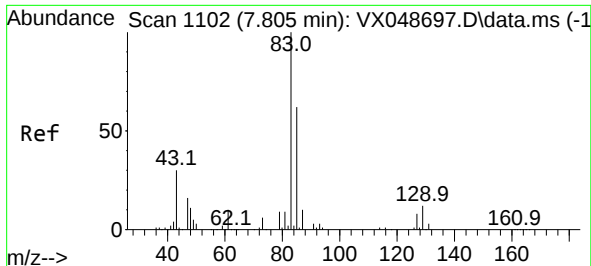
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46
Dibromomethane
Concen: 143.883 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

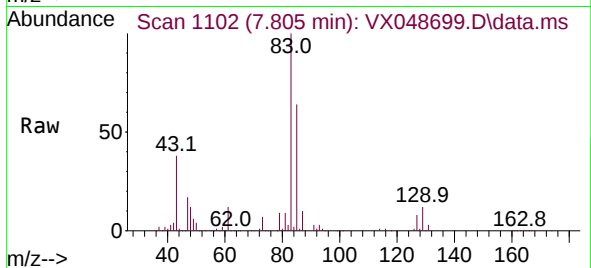
Tgt Ion: 93 Resp: 215930
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.2
174 106.1 86.1 129.1





#47
Bromodichloromethane
Concen: 143.979 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

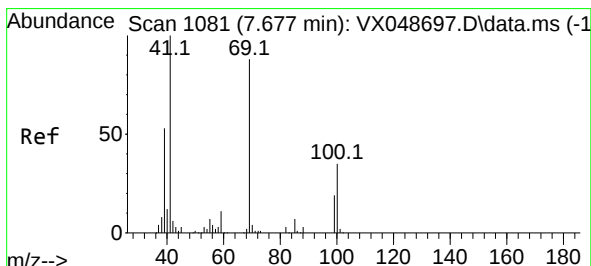
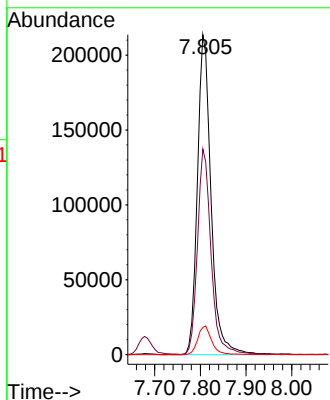
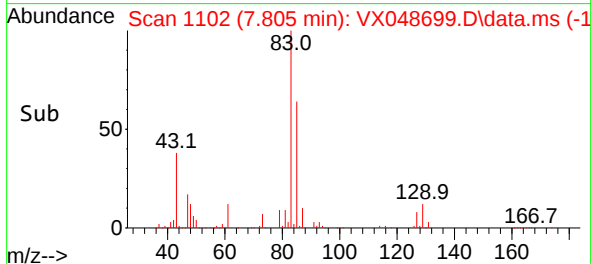
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 442976
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.8
127 8.5 6.7 10.1

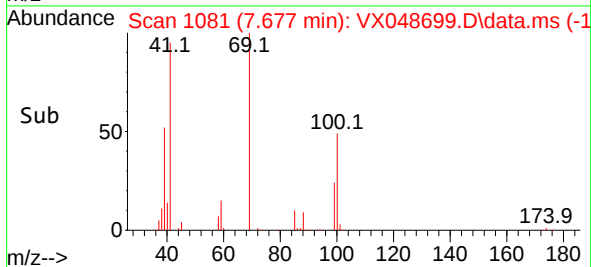
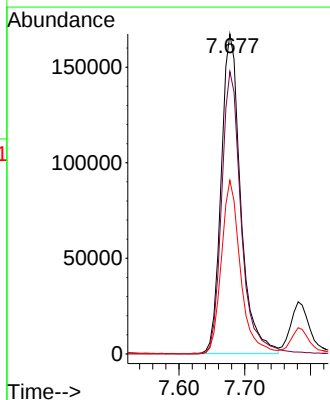
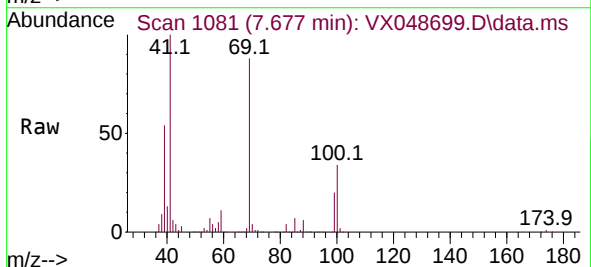
Manual Integrations
APPROVED

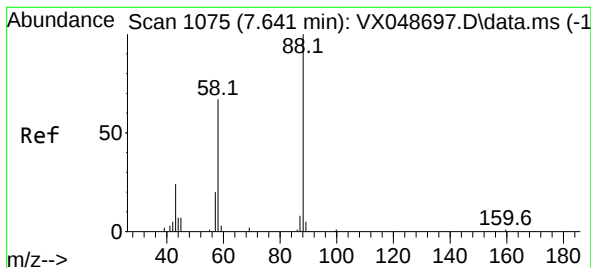
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 148.602 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 41 Resp: 343701
Ion Ratio Lower Upper
41 100
69 89.0 70.9 106.3
39 52.9 42.0 63.0





#49

1,4-Dioxane

Concen: 3268.444 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 92453

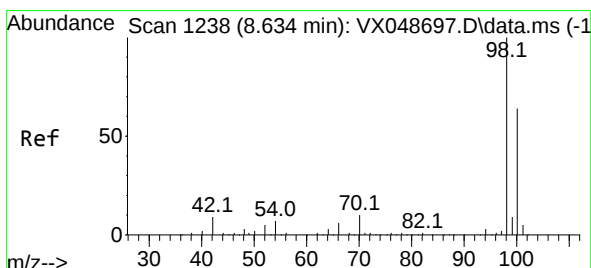
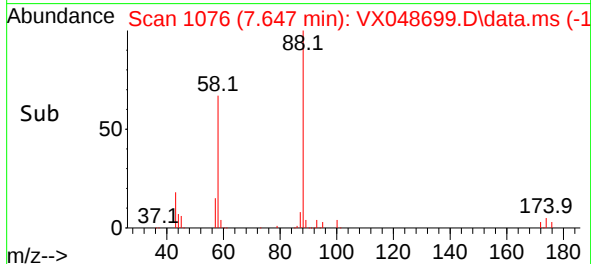
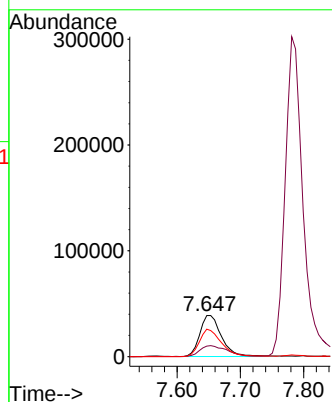
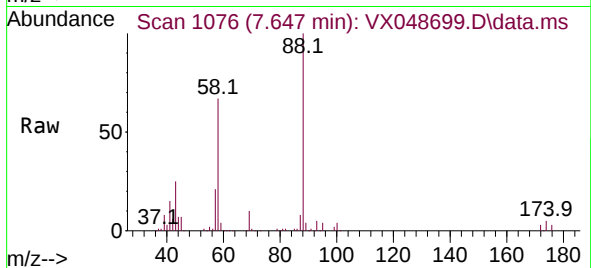
Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.9	41.9
58	67.6	54.9	82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 147.349 ug/l

RT: 8.635 min Scan# 1238

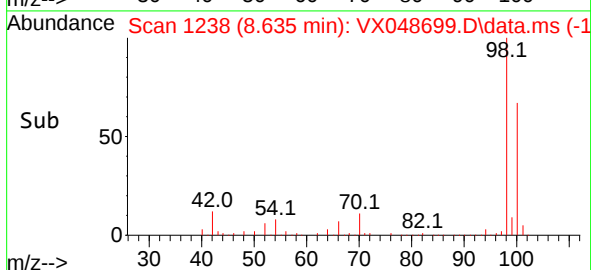
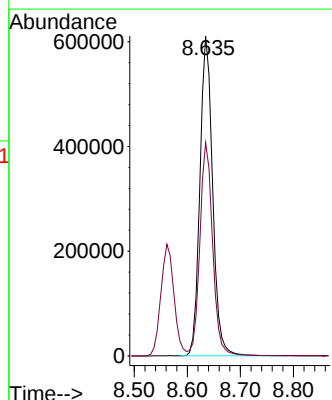
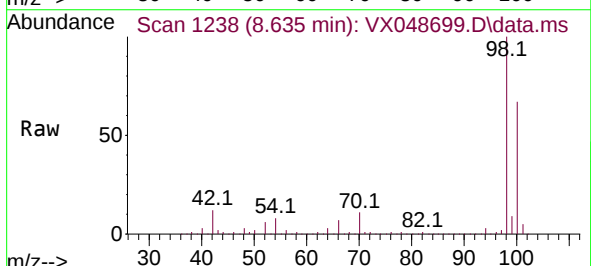
Delta R.T. 0.000 min

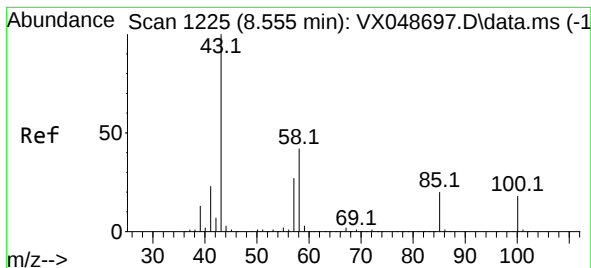
Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Tgt Ion: 98 Resp: 1015431

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





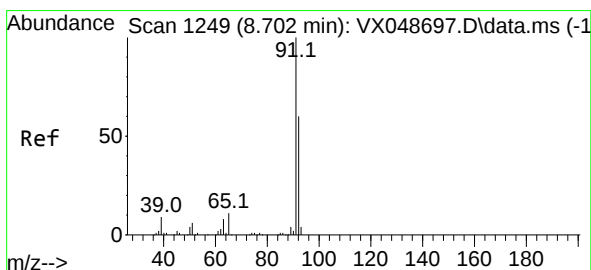
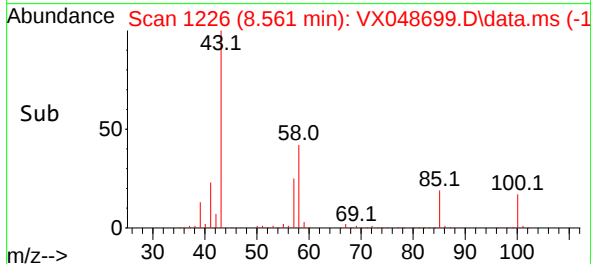
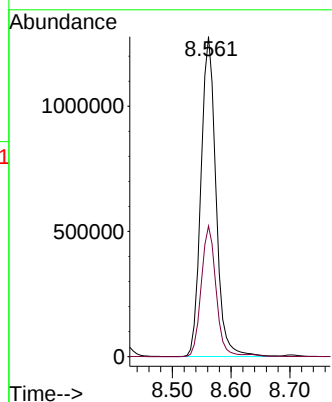
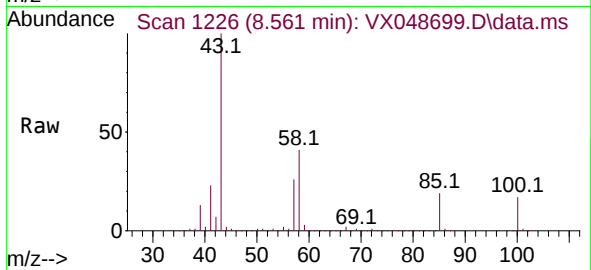
#51
4-Methyl-2-Pentanone
Concen: 742.811 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2266532
Ion Ratio Lower Upper
43 100
58 40.7 33.6 50.4

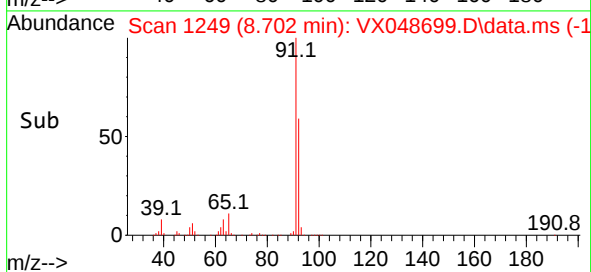
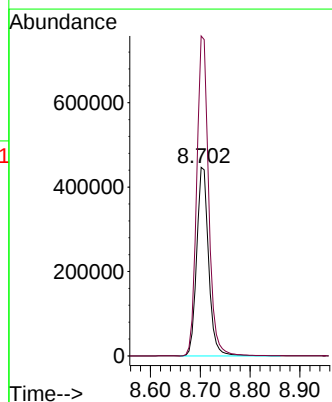
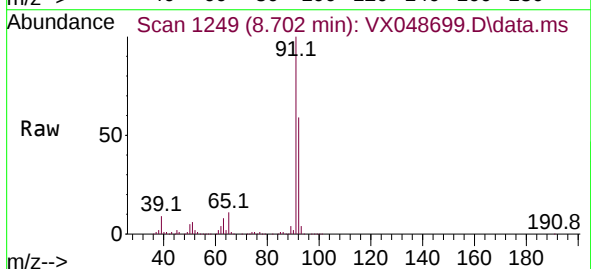
Manual Integrations
APPROVED

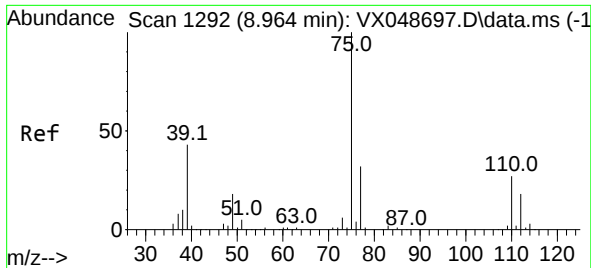
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 151.031 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

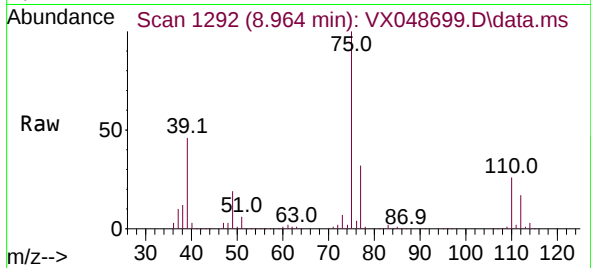
Tgt Ion: 92 Resp: 739758
Ion Ratio Lower Upper
92 100
91 170.6 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 153.655 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

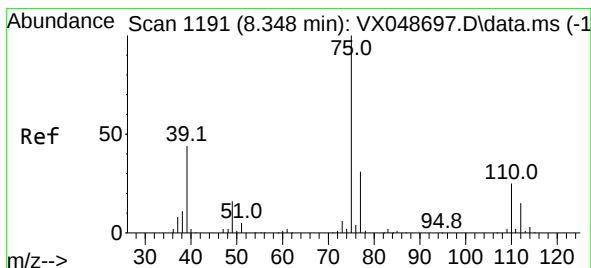
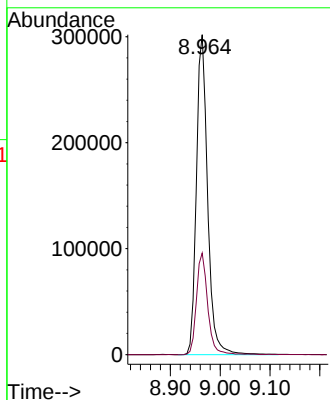
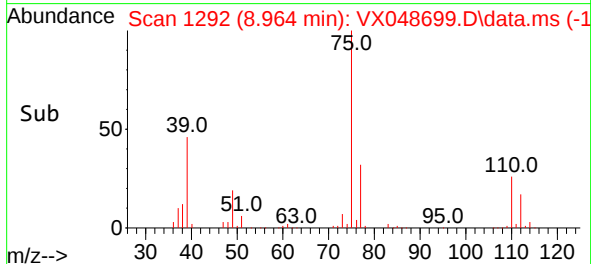
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



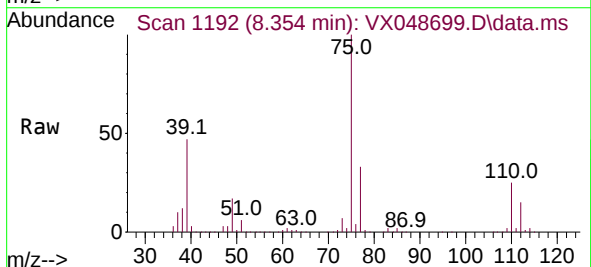
Tgt Ion: 75 Resp: 470596
Ion Ratio Lower Upper
75 100
77 31.7 25.9 38.9

Manual Integrations
APPROVED

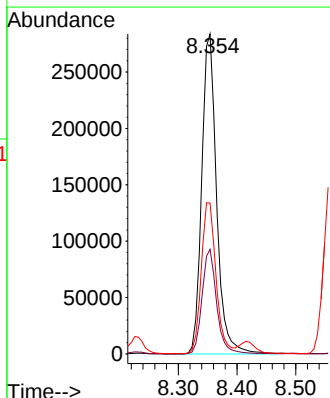
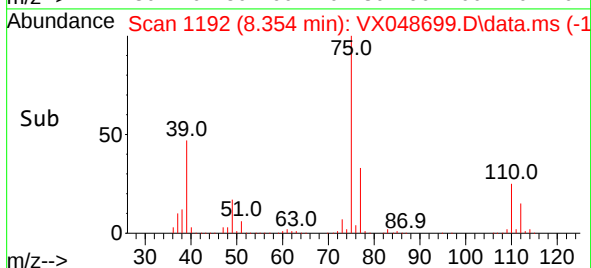
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

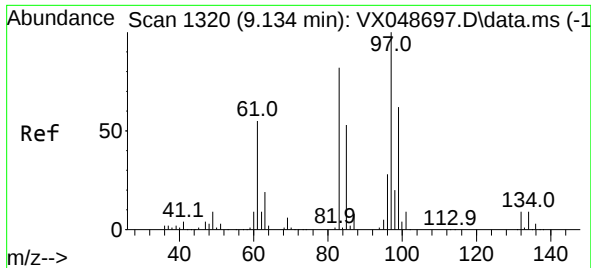


#54
cis-1,3-Dichloropropene
Concen: 153.410 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



Tgt Ion: 75 Resp: 498325
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
39 47.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 145.432 ug/l
RT: 9.134 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

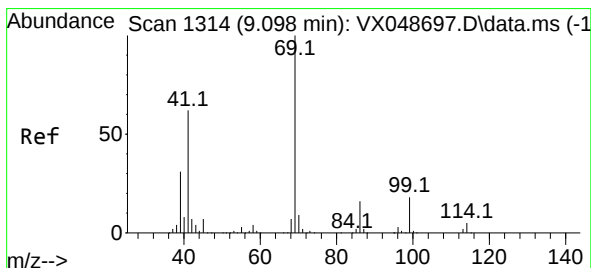
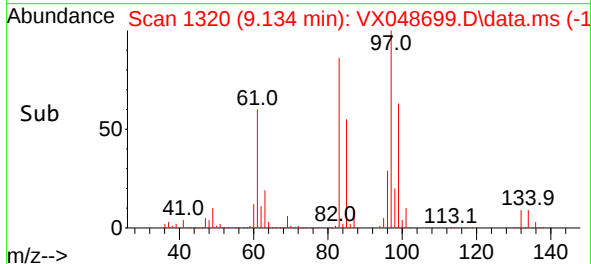
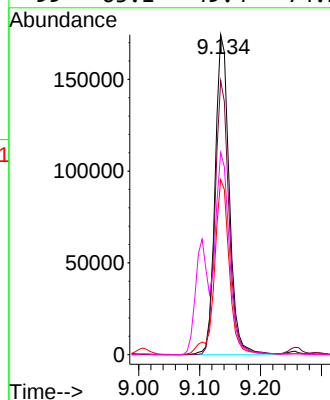
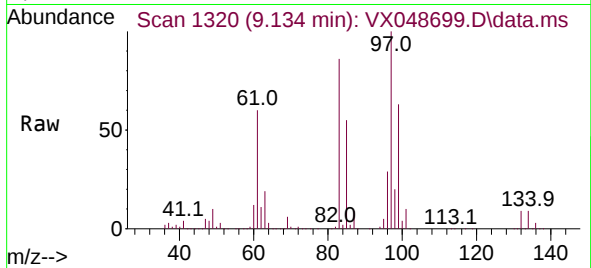
VSTDICC150

Tgt Ion: 97 Resp: 28240
Ion Ratio Lower Upper
97 100
83 85.7 65.8 98.6
85 54.7 42.5 63.7
99 63.1 49.4 74.2

Manual Integrations

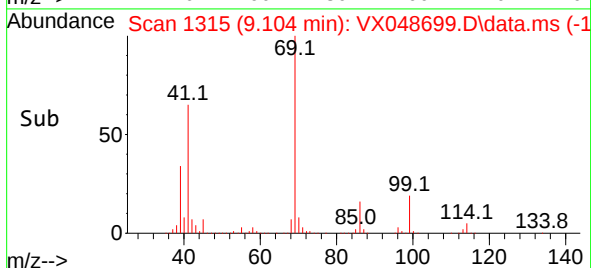
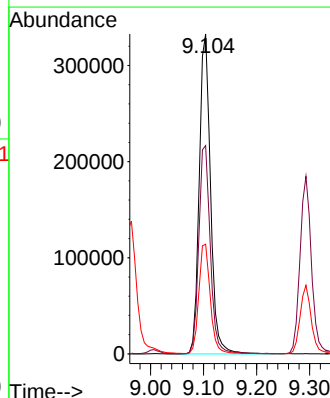
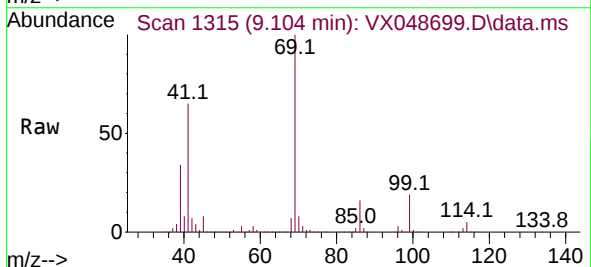
APPROVED

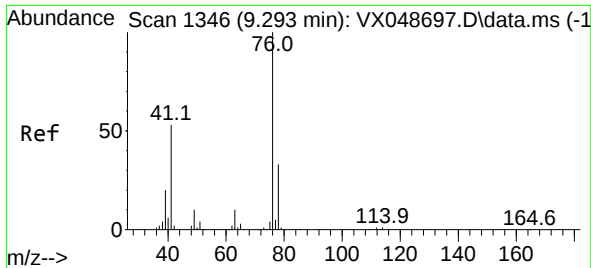
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 157.943 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 69 Resp: 491464
Ion Ratio Lower Upper
69 100
41 66.3 49.0 73.6
39 35.0 25.1 37.7





#57

1,3-Dichloropropane

Concen: 145.442 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 47517

Ion Ratio Lower Upper

76 100

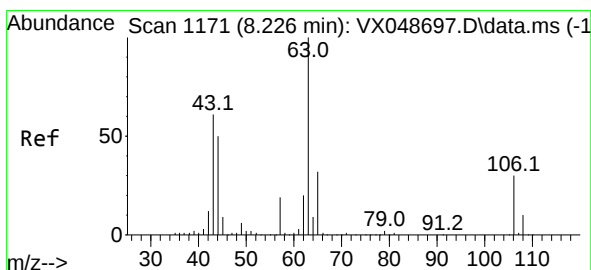
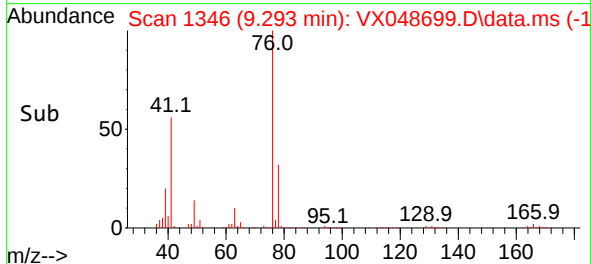
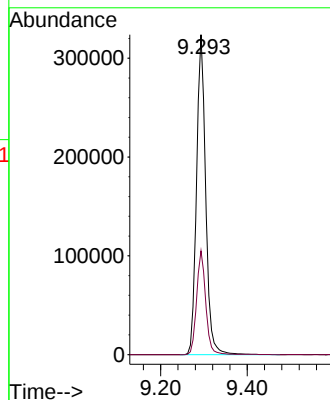
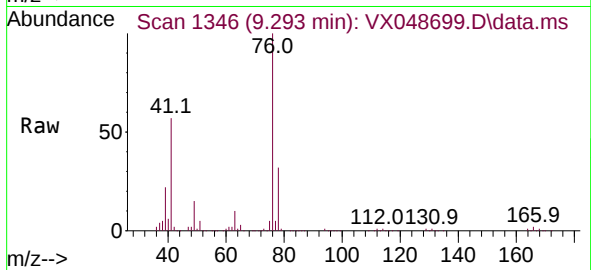
78 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 832.650 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VX048699.D

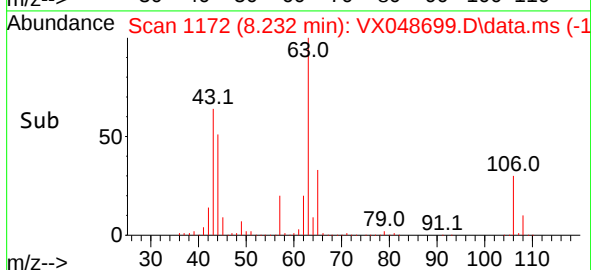
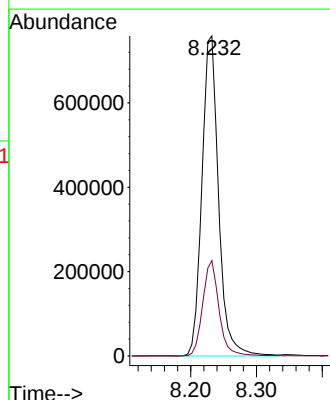
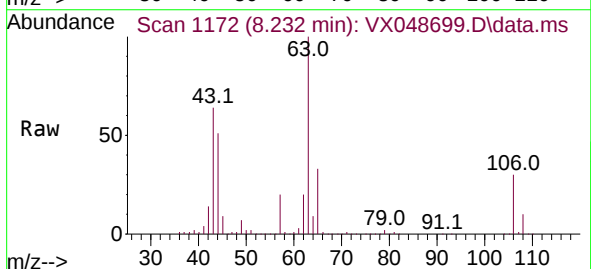
Acq: 03 Dec 2025 10:31

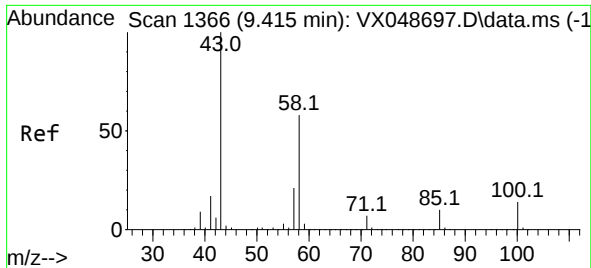
Tgt Ion: 63 Resp: 1335398

Ion Ratio Lower Upper

63 100

106 29.1 24.6 37.0





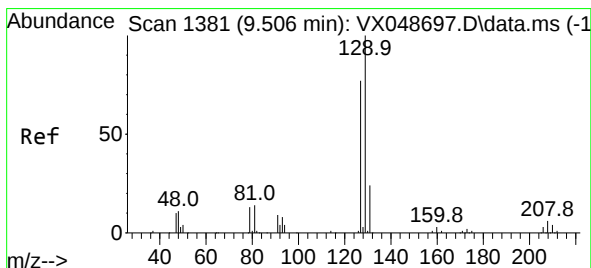
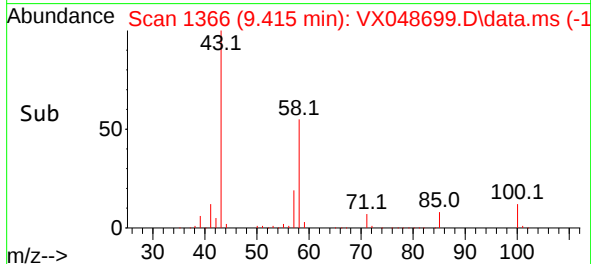
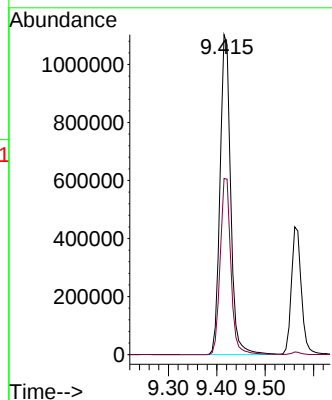
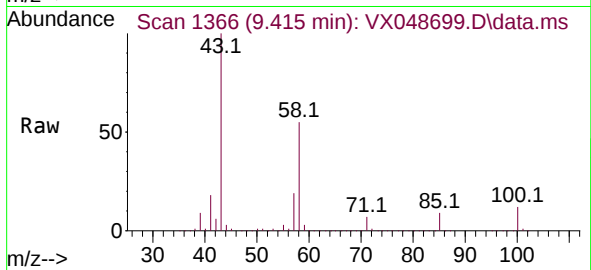
#59
2-Hexanone
Concen: 767.538 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1680415
Ion Ratio Lower Upper
43 100
58 55.5 28.8 86.5

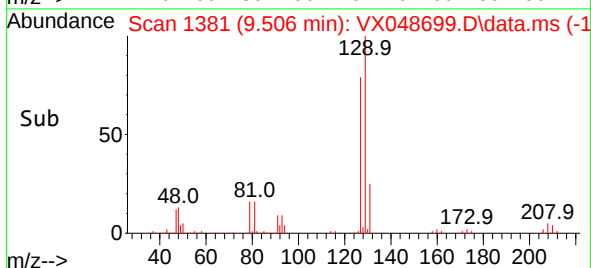
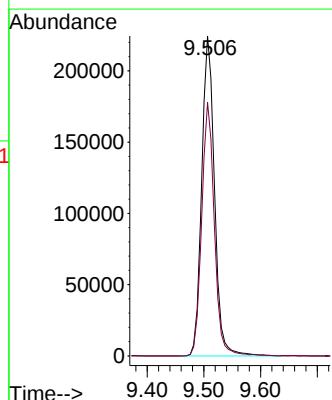
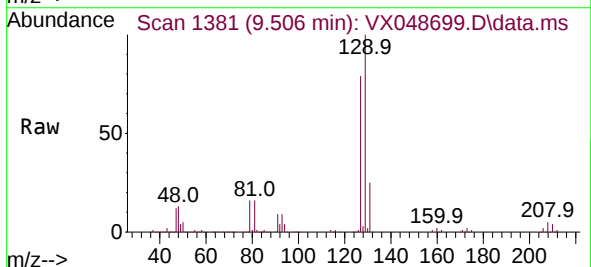
Manual Integrations
APPROVED

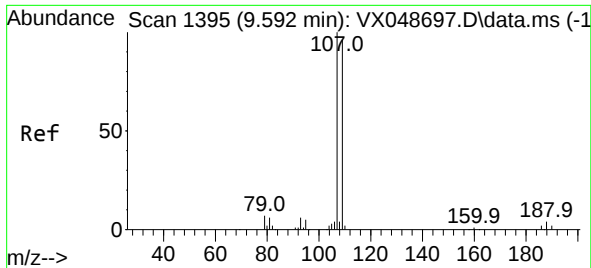
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 145.178 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

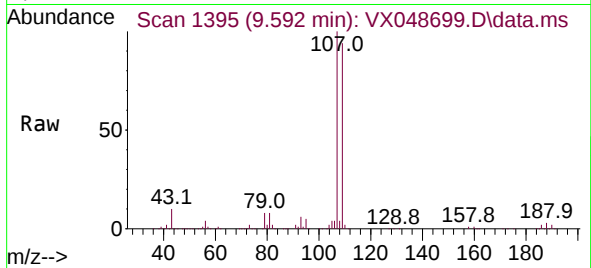
Tgt Ion:129 Resp: 351617
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61
1,2-Dibromoethane
Concen: 144.807 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

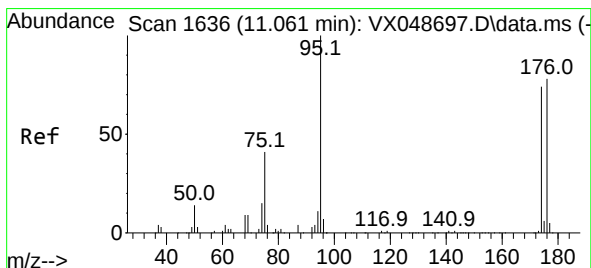
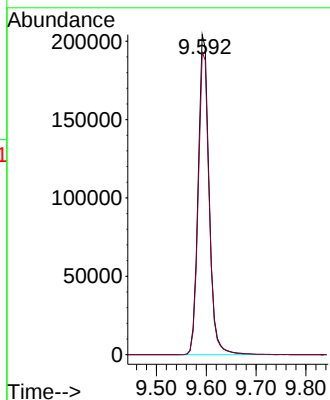
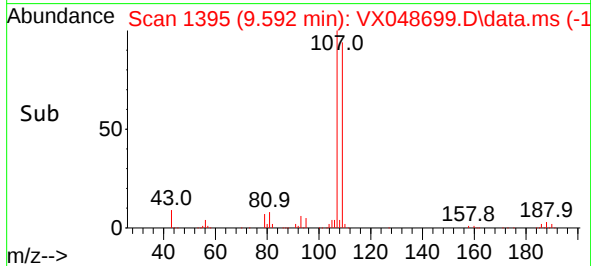
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



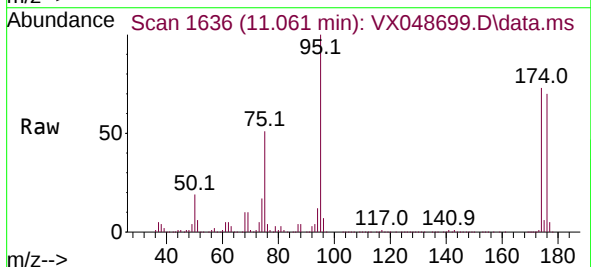
Tgt Ion:107 Resp: 310900
Ion Ratio Lower Upper
107 100
109 94.7 75.5 113.3

Manual Integrations
APPROVED

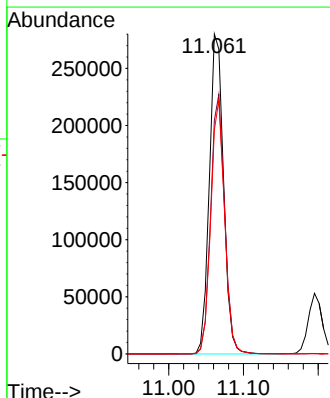
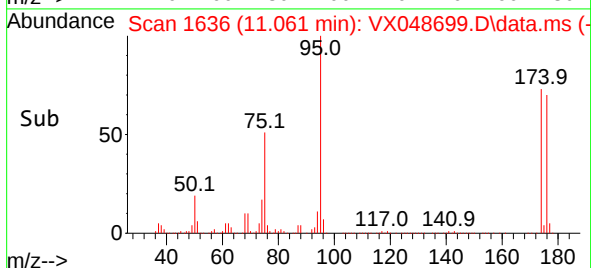
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

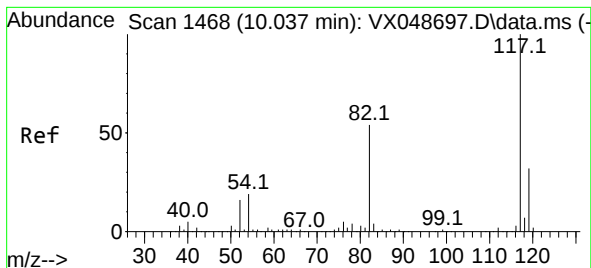


#62
4-Bromofluorobenzene
Concen: 145.723 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



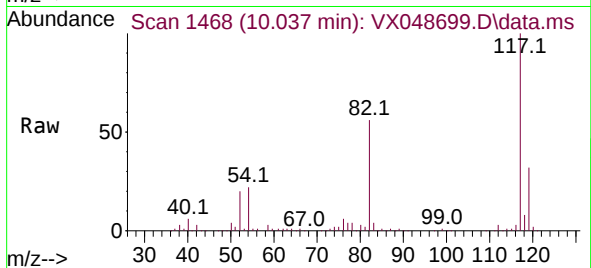
Tgt Ion: 95 Resp: 368542
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.6
176 77.3 0.0 163.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

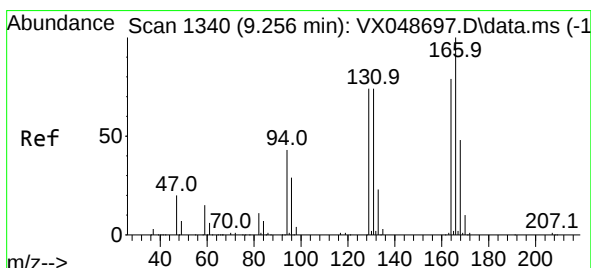
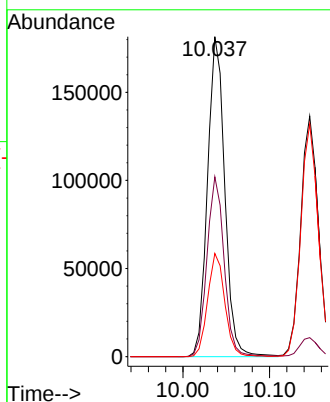
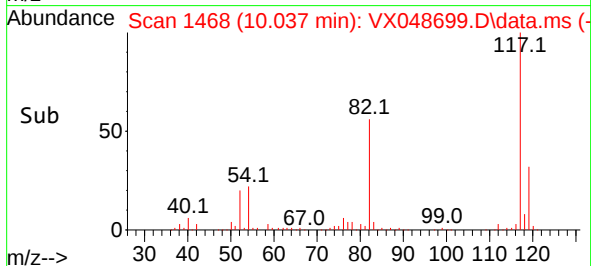
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 251829
Ion Ratio Lower Upper
117 100
82 56.2 42.9 64.3
119 32.2 25.3 37.9

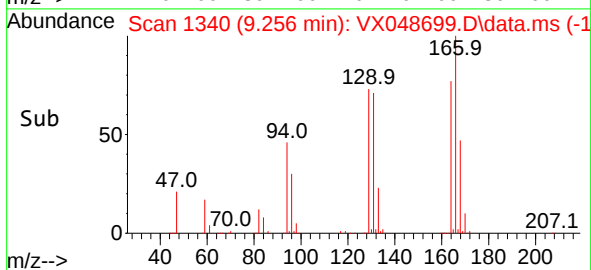
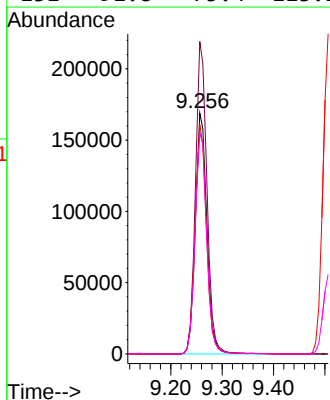
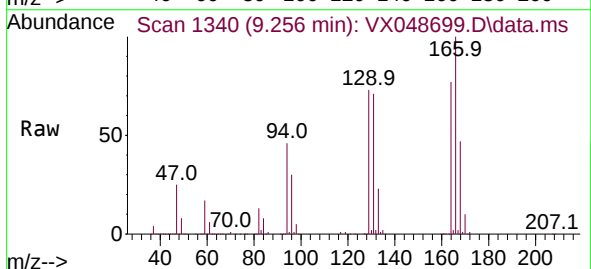
Manual Integrations
APPROVED

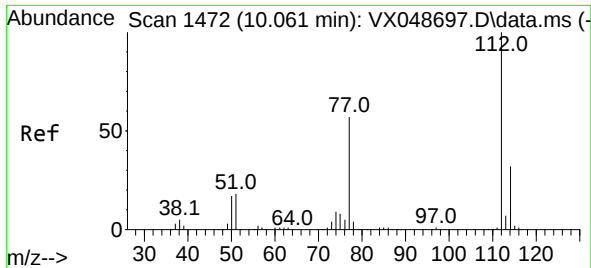
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 151.623 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion:164 Resp: 262210
Ion Ratio Lower Upper
164 100
166 129.8 101.4 152.2
129 95.3 75.5 113.3
131 91.8 75.4 113.2





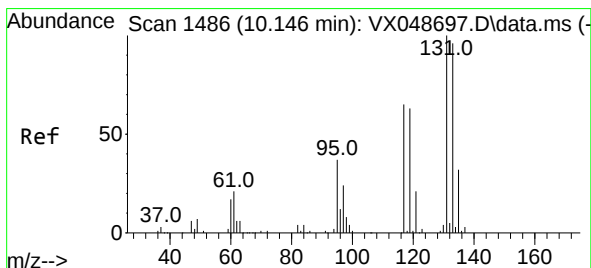
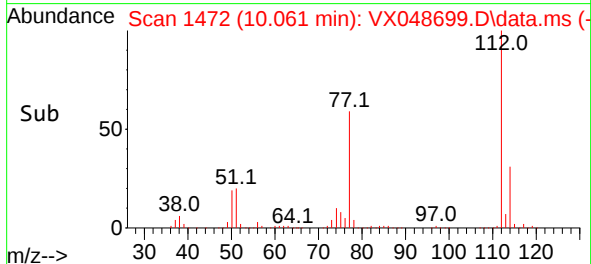
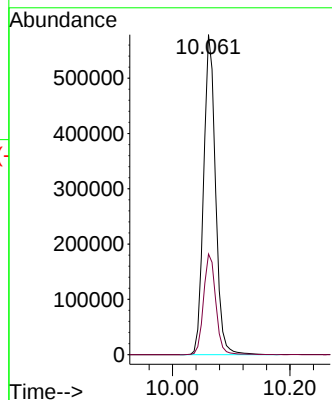
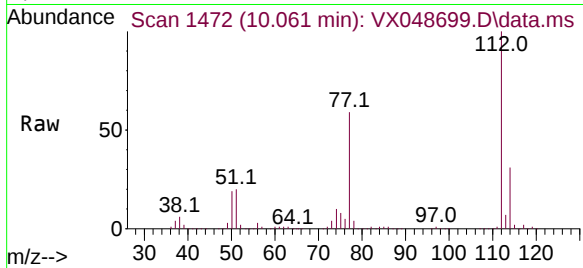
#65
Chlorobenzene
Concen: 151.988 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 810828
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4

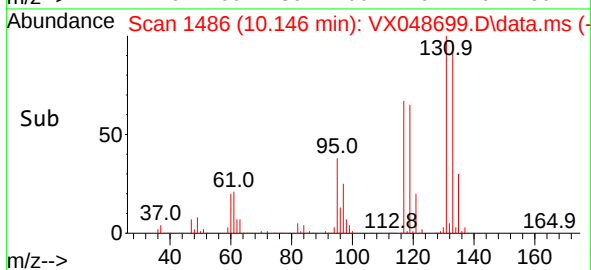
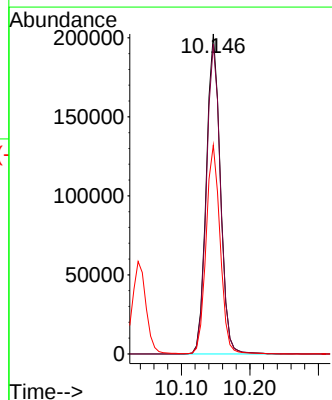
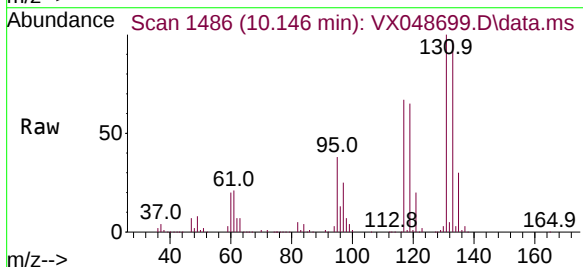
Manual Integrations
APPROVED

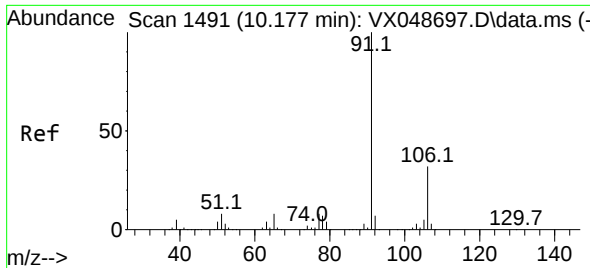
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 153.883 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

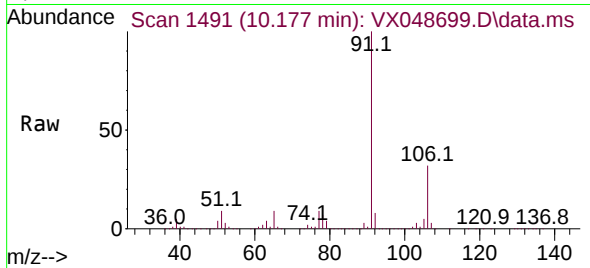
Tgt Ion:131 Resp: 285606
Ion Ratio Lower Upper
131 100
133 97.1 48.0 144.0
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 159.521 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

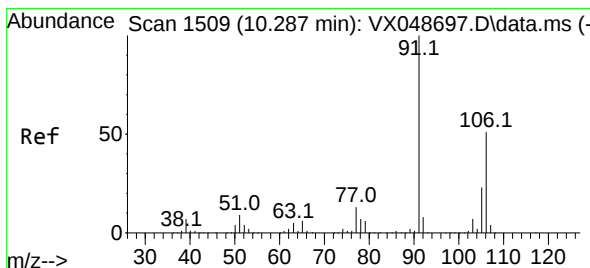
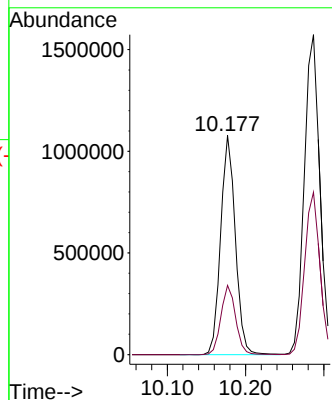
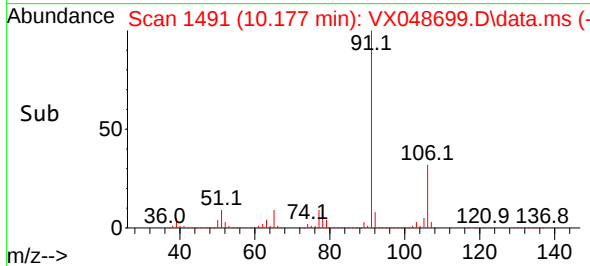
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



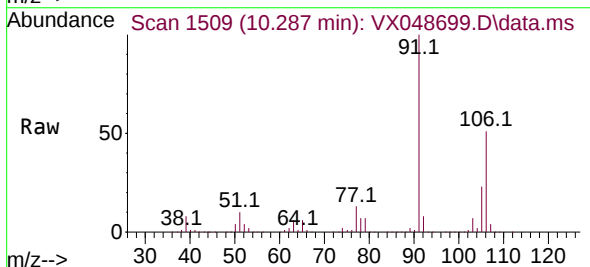
Tgt Ion: 91 Resp: 1398045
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

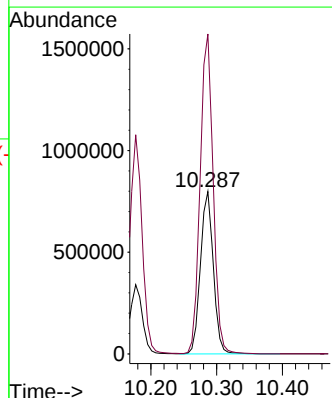
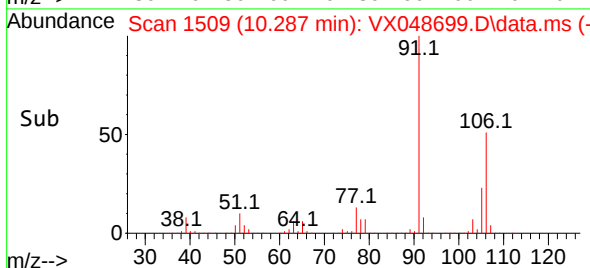
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

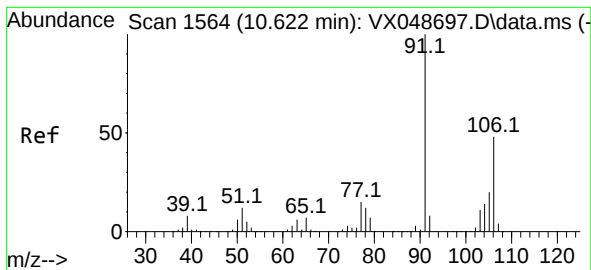


#68
m/p-Xylenes
Concen: 321.417 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



Tgt Ion:106 Resp: 1085100
Ion Ratio Lower Upper
106 100
91 199.7 161.0 241.6





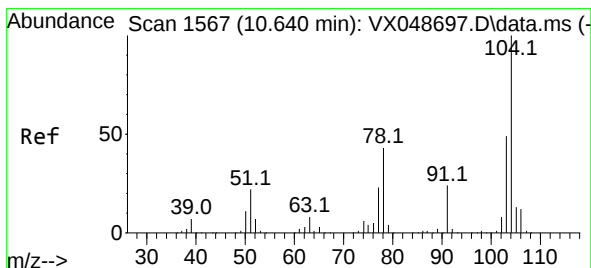
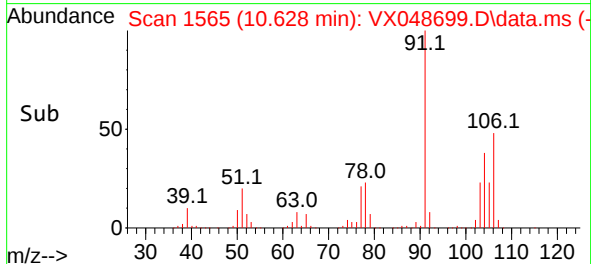
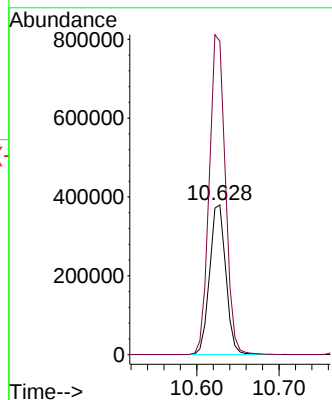
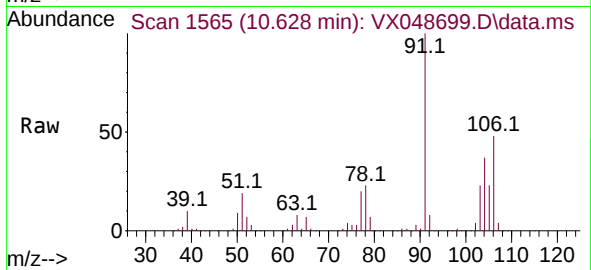
#69
o-Xylene
Concen: 159.861 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 519953
Ion Ratio Lower Upper
106 100
91 212.8 106.1 318.3

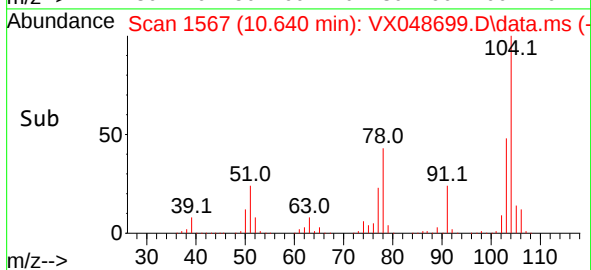
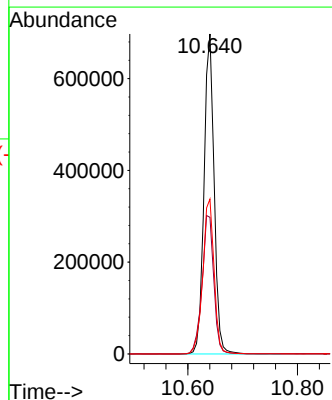
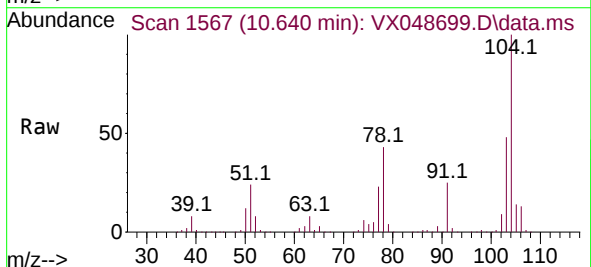
Manual Integrations
APPROVED

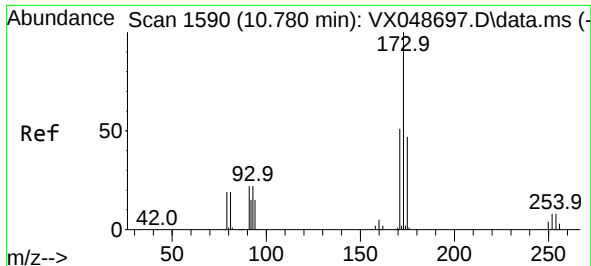
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 162.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

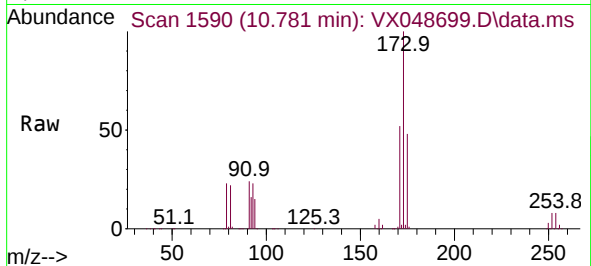
Tgt Ion:104 Resp: 890269
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 54.0 43.0 64.4





#71
Bromoform
Concen: 159.948 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

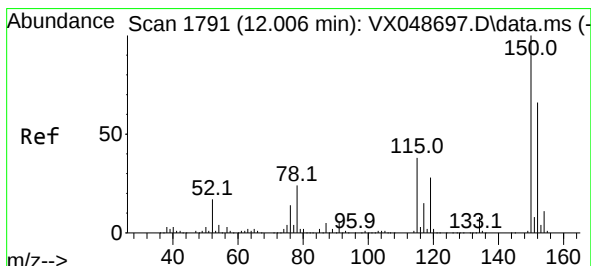
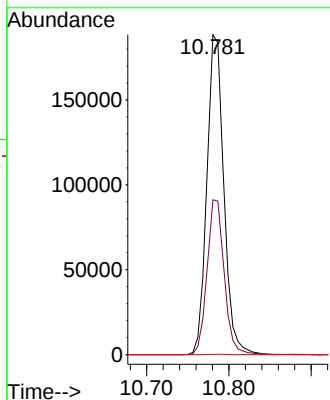
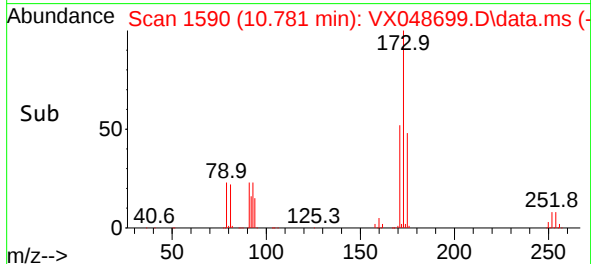
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 270396
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.1 0.1 0.1

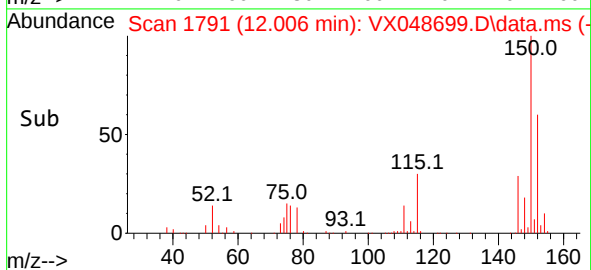
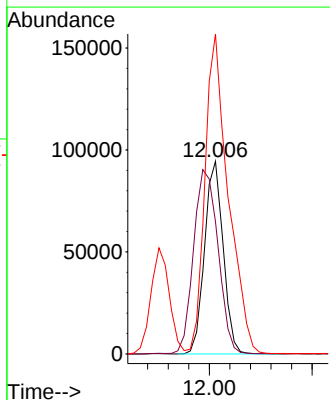
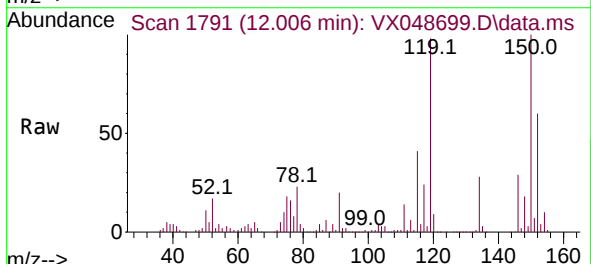
Manual Integrations
APPROVED

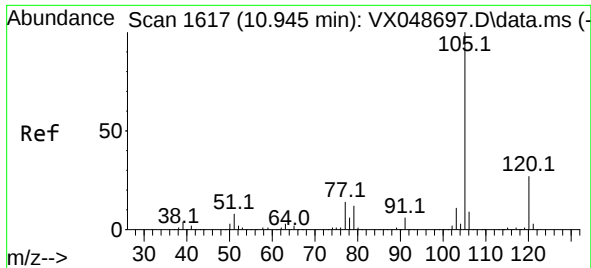
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

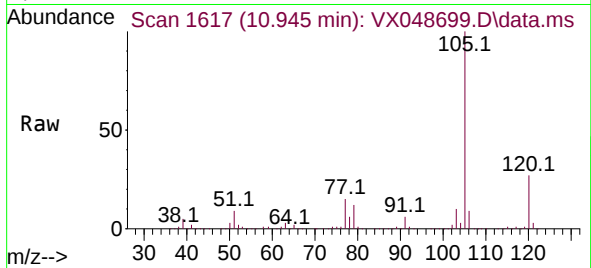
Tgt Ion:152 Resp: 118535
Ion Ratio Lower Upper
152 100
115 125.8 39.6 119.0#
150 208.2 0.0 345.4





#73
Isopropylbenzene
Concen: 167.992 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

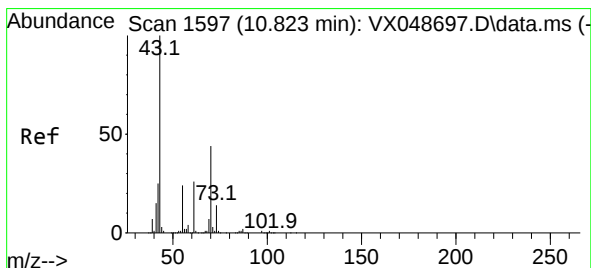
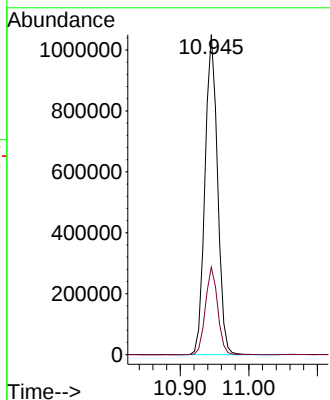
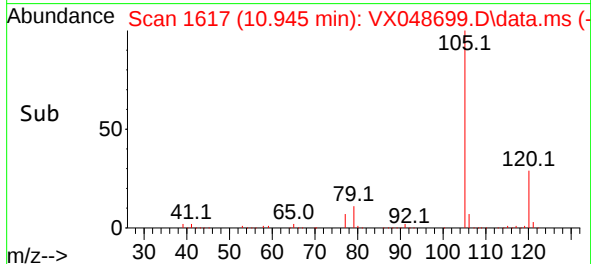
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



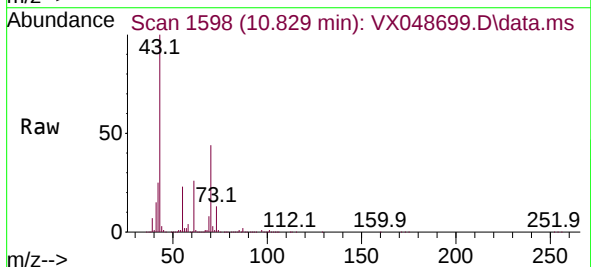
Tgt Ion:105 Resp: 1330892
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

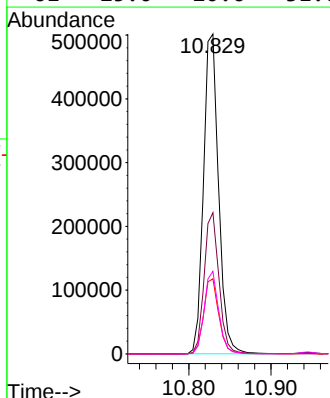
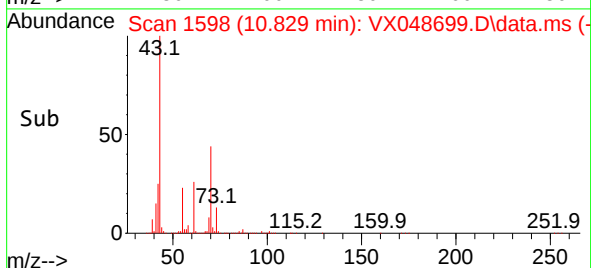
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

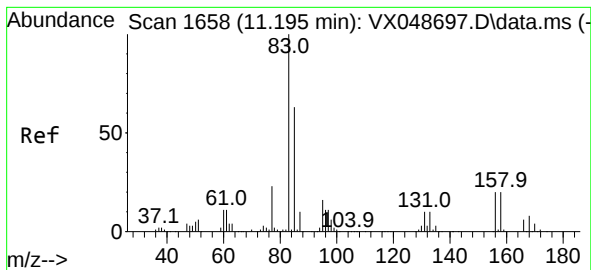


#74
N-ethyl acetate
Concen: 178.936 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



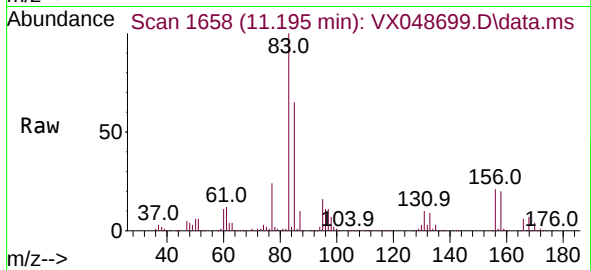
Tgt Ion: 43 Resp: 639981
Ion Ratio Lower Upper
43 100
70 43.4 37.0 55.6
55 23.6 20.0 30.0
61 25.0 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 161.316 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

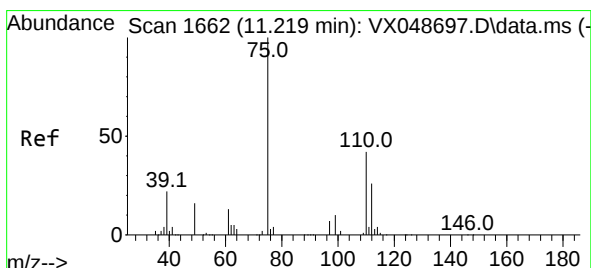
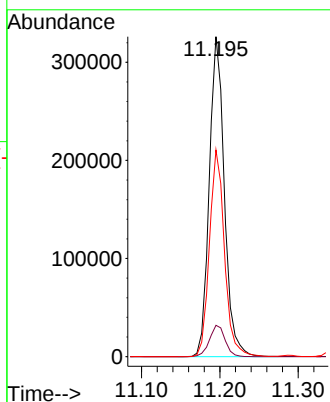
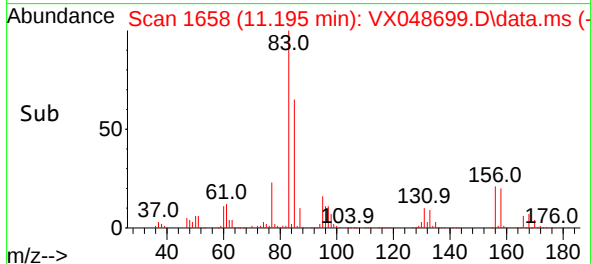
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



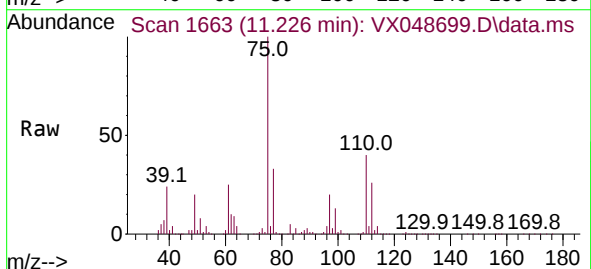
Tgt Ion: 83 Resp: 437576
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 64.3 32.0 96.0

Manual Integrations
APPROVED

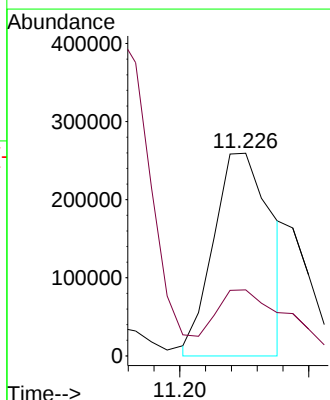
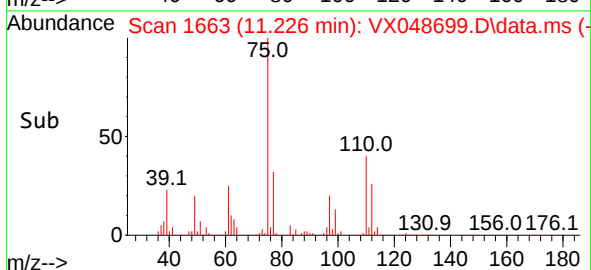
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

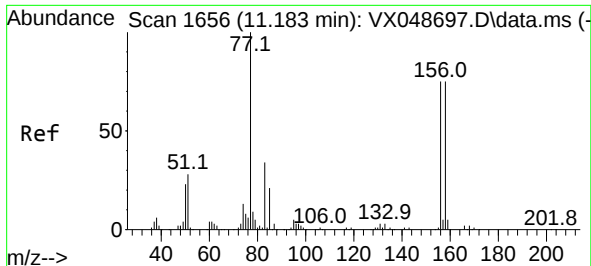


#76
1,2,3-Trichloropropane
Concen: 137.958 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



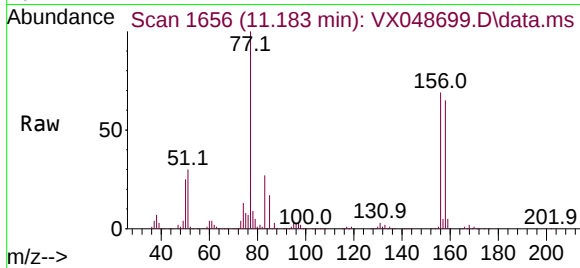
Tgt Ion: 75 Resp: 402356
Ion Ratio Lower Upper
75 100
77 41.2 19.0 57.0





#77
Bromobenzene
Concen: 159.341 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

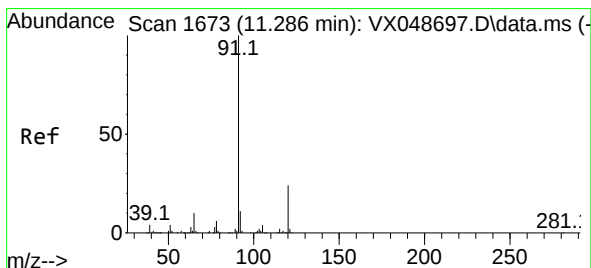
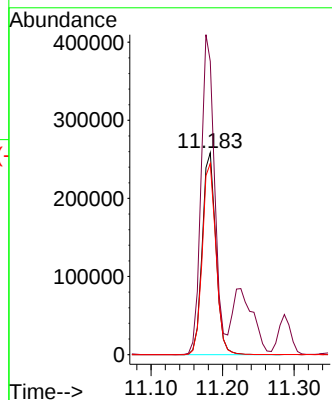
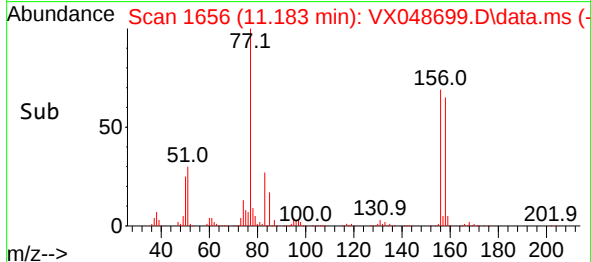
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



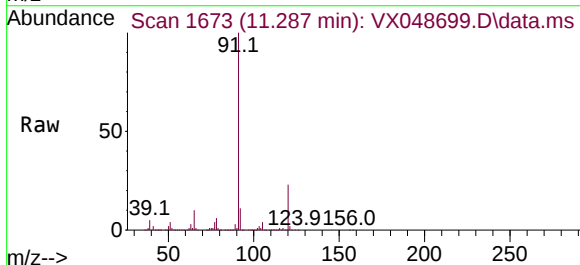
Tgt Ion: 156 Resp: 340207
Ion Ratio Lower Upper
156 100
77 158.8 74.9 224.6
158 95.5 49.5 148.3

Manual Integrations
APPROVED

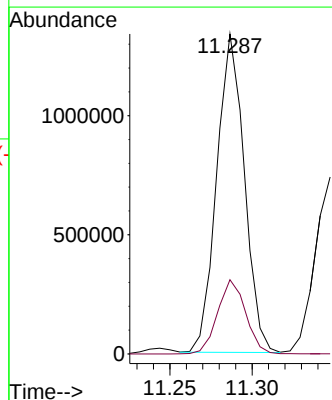
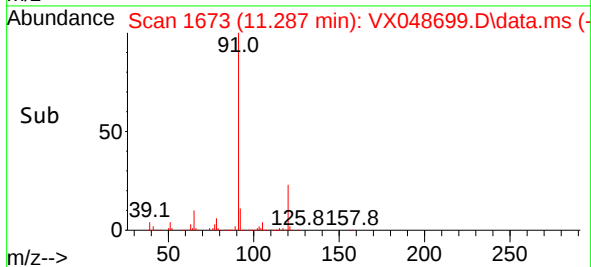
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

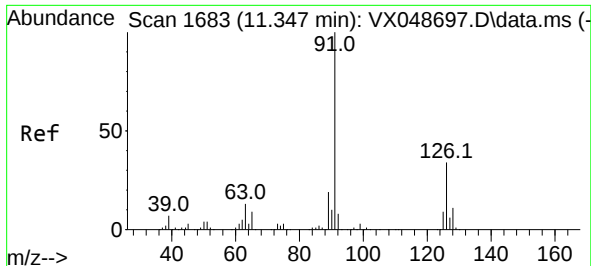


#78
n-propylbenzene
Concen: 168.386 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



Tgt Ion: 91 Resp: 1562116
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





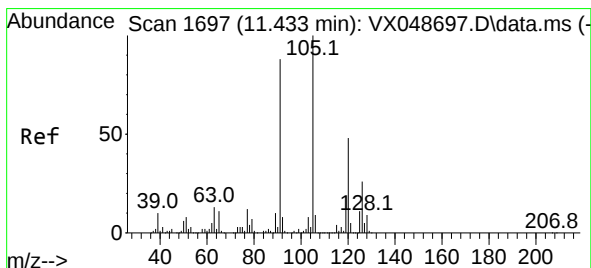
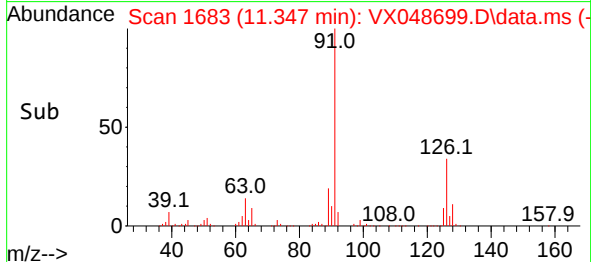
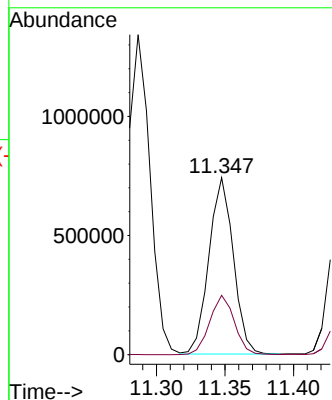
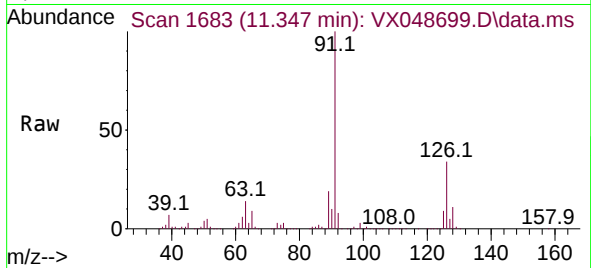
#79
2-Chlorotoluene
Concen: 162.634 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 916952
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

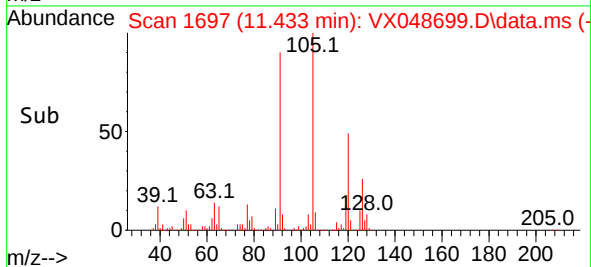
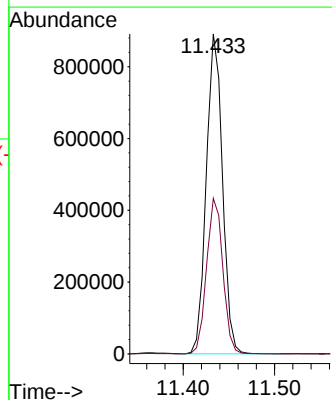
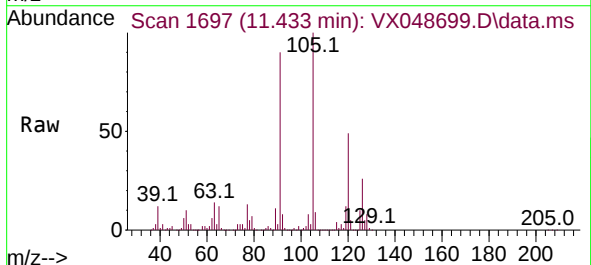
Manual Integrations
APPROVED

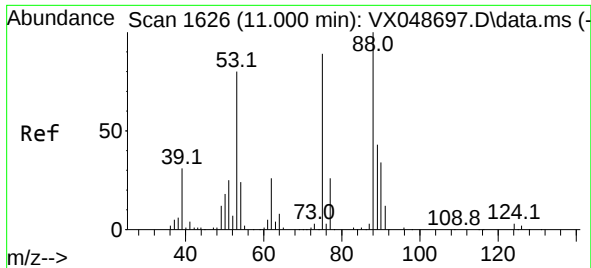
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 169.175 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

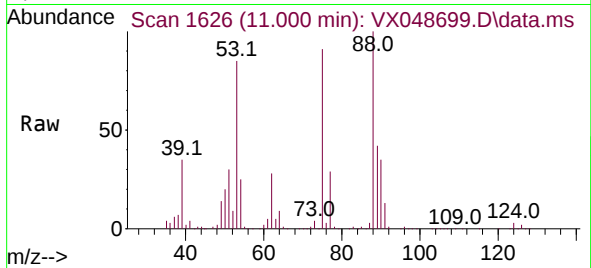
Tgt Ion:105 Resp: 1096272
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 180.588 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

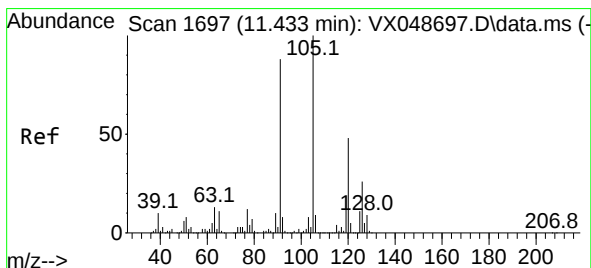
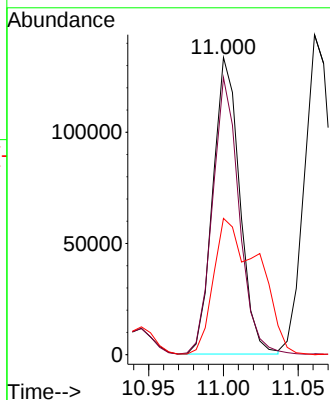
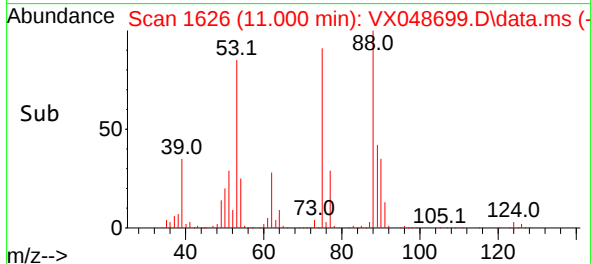
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 167233
Ion Ratio Lower Upper
75 100
53 93.3 74.8 112.2
89 76.6 0.0 0.0

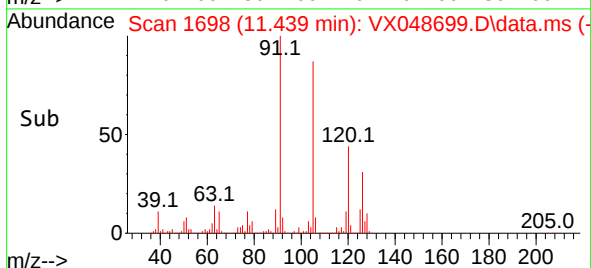
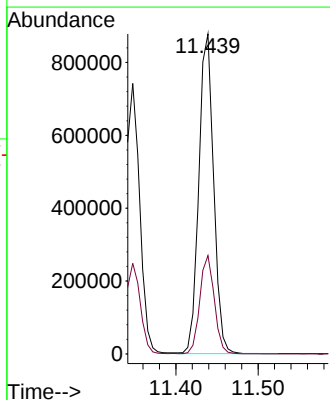
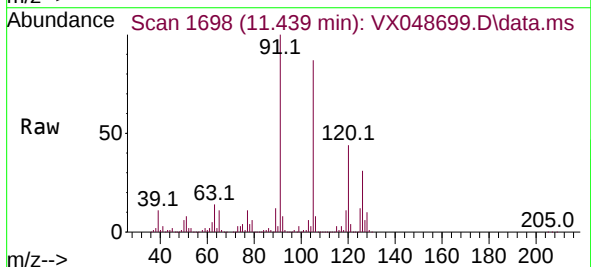
Manual Integrations
APPROVED

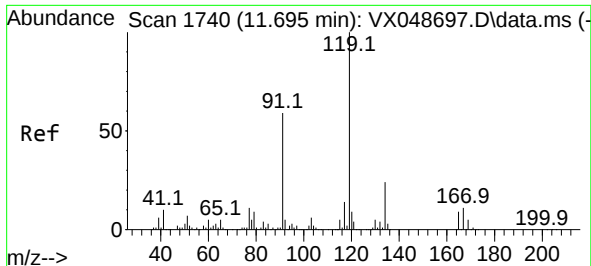
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 167.362 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

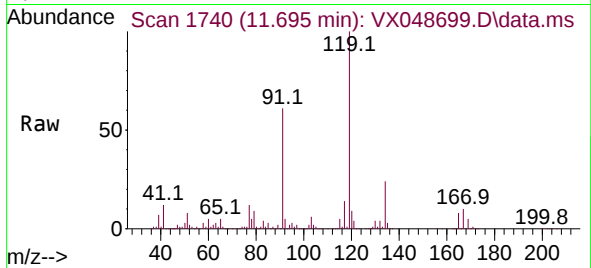
Tgt Ion: 91 Resp: 1097494
Ion Ratio Lower Upper
91 100
126 30.1 15.4 46.1





#83
tert-Butylbenzene
Concen: 169.206 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

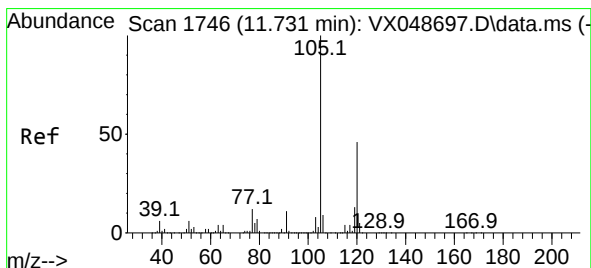
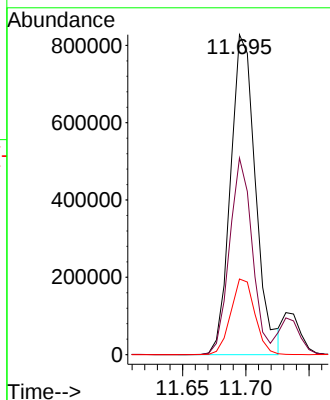
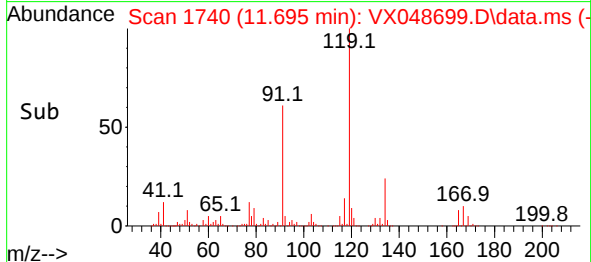
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:119 Resp: 1137346
Ion Ratio Lower Upper
119 100
91 55.8 27.4 82.0
134 22.8 11.4 34.1

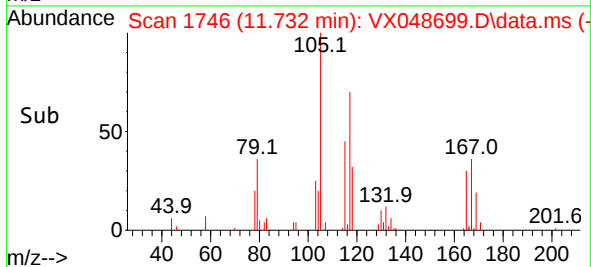
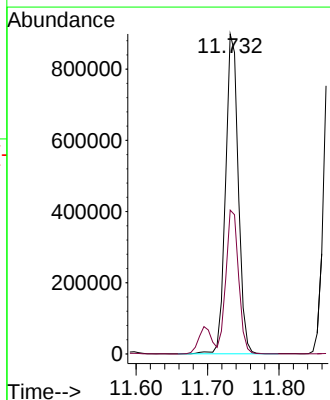
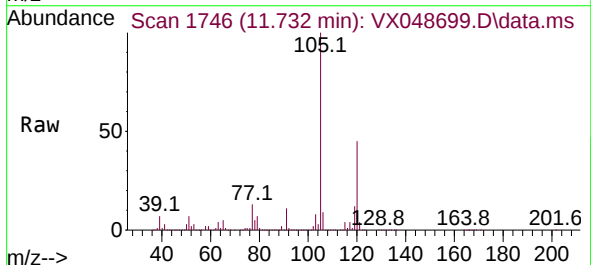
Manual Integrations
APPROVED

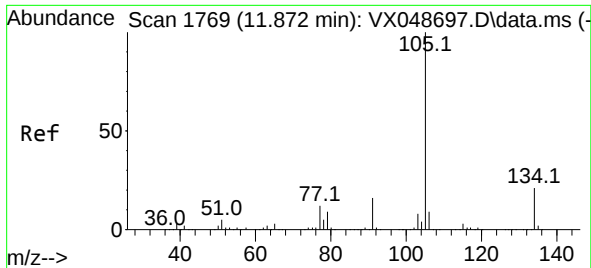
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#84
1,2,4-Trimethylbenzene
Concen: 171.775 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion:105 Resp: 1108836
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 168.764 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

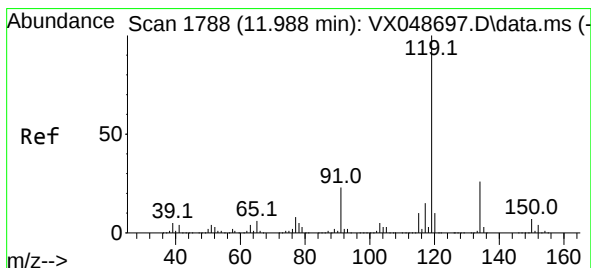
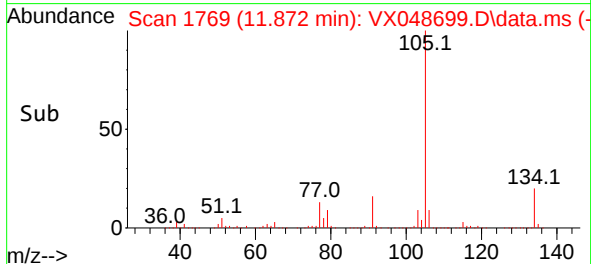
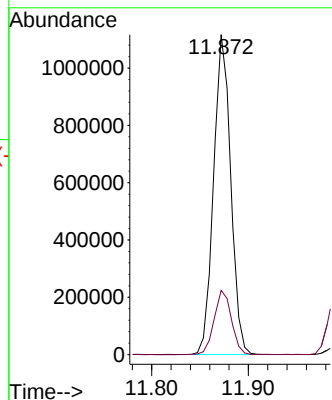
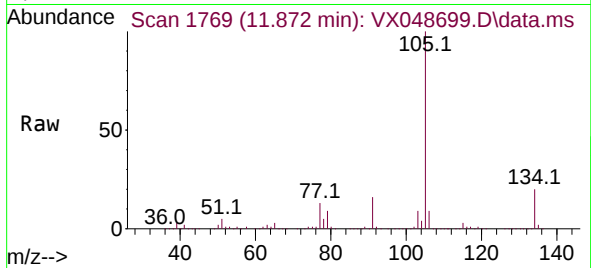
VSTDICC150

Tgt Ion:105 Resp: 1373140
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations

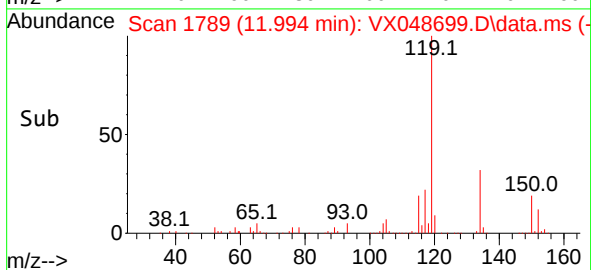
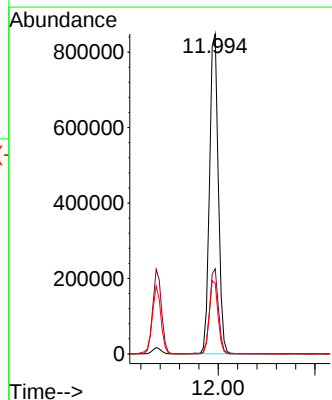
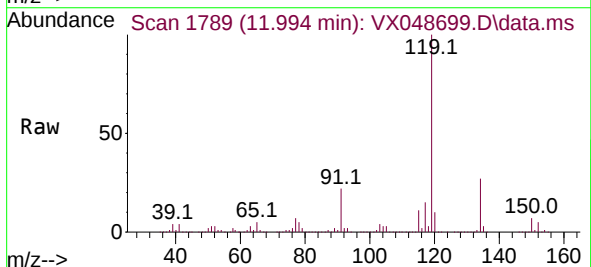
APPROVED

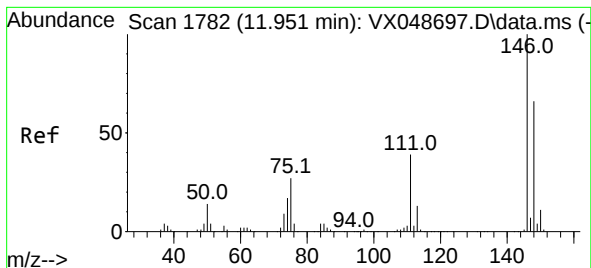
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#86
 p-Isopropyltoluene
 Concen: 158.775 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048699.D
 Acq: 03 Dec 2025 10:31

Tgt Ion:119 Resp: 1067196
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 22.9 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 162.858 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 632843

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

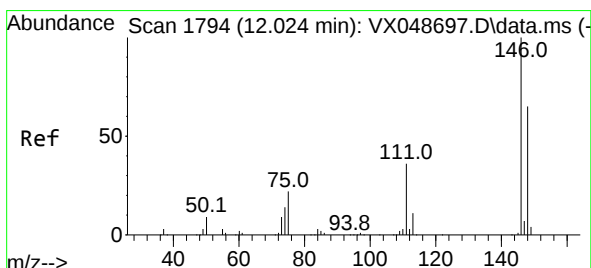
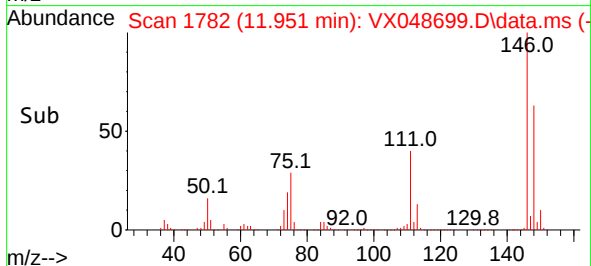
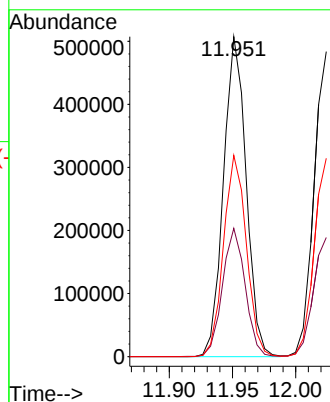
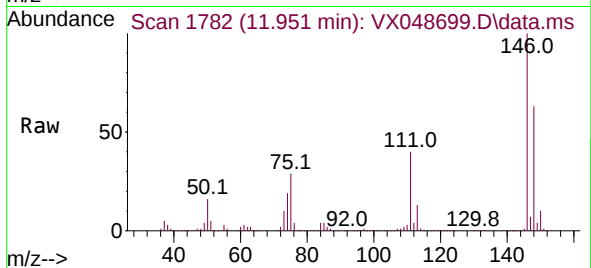
148 63.4 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#88

1,4-Dichlorobenzene

Concen: 151.053 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

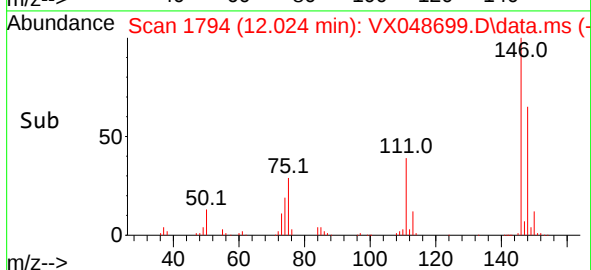
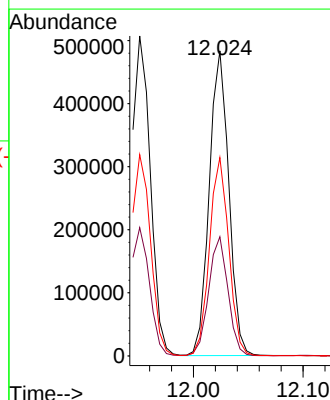
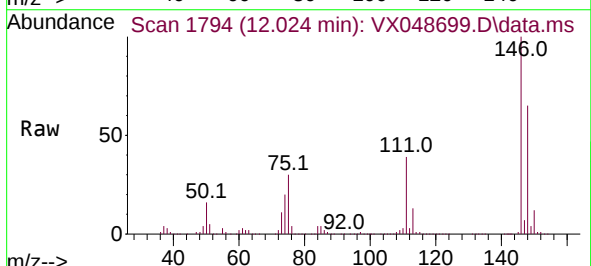
Tgt Ion:146 Resp: 599117

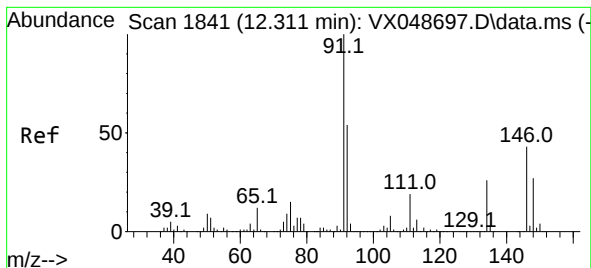
Ion Ratio Lower Upper

146 100

111 38.7 19.5 58.5

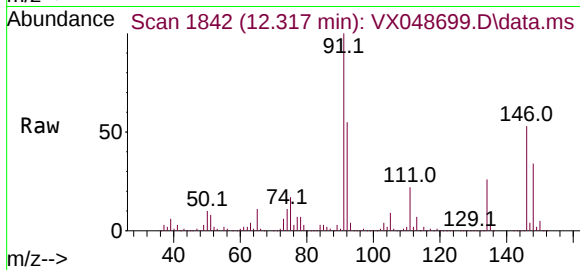
148 64.2 32.6 98.0





#89
n-Butylbenzene
Concen: 167.145 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

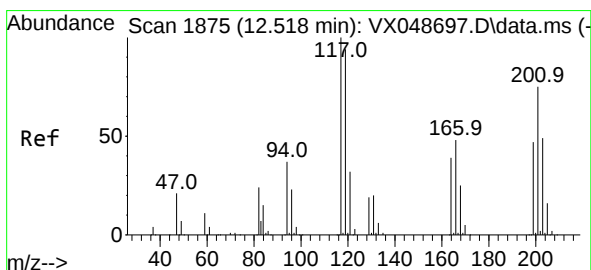
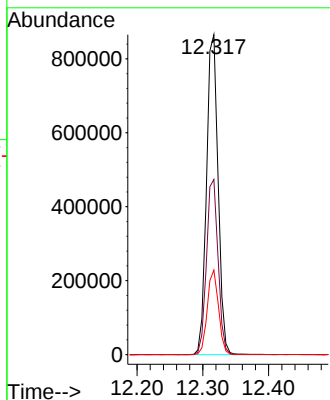
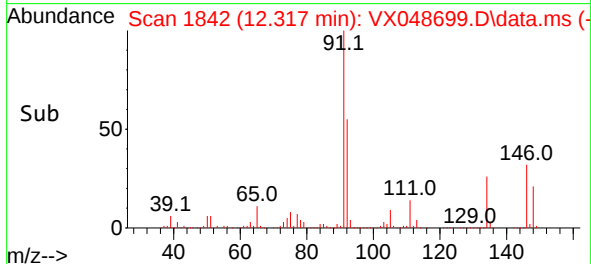
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1058184
Ion Ratio Lower Upper
91 100
92 54.9 27.0 81.0
134 25.7 13.2 39.6

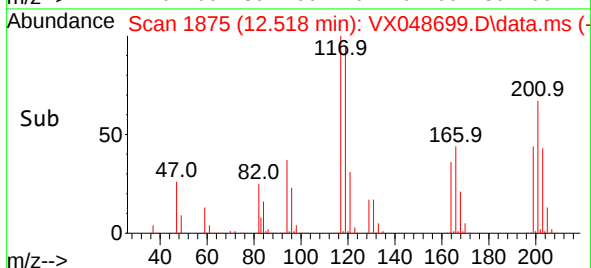
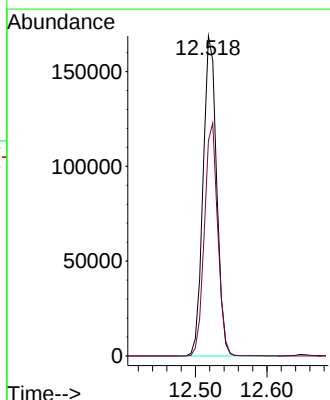
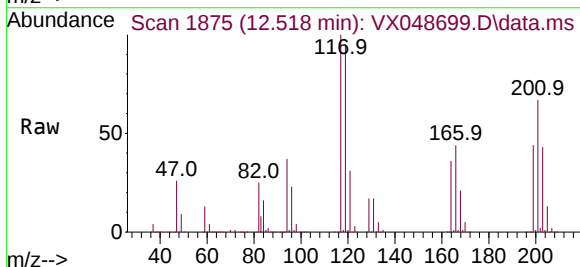
Manual Integrations
APPROVED

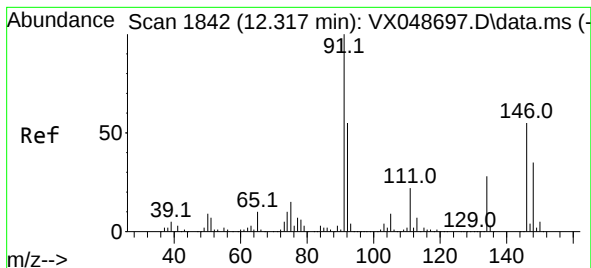
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 164.185 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

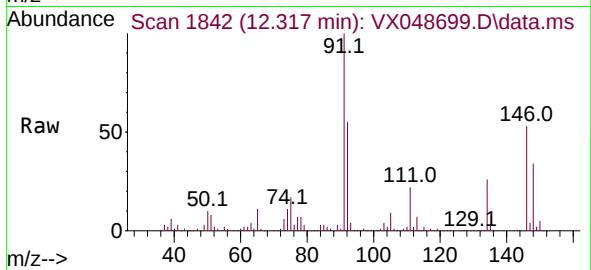
Tgt Ion:117 Resp: 222156
Ion Ratio Lower Upper
117 100
201 71.9 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 157.102 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

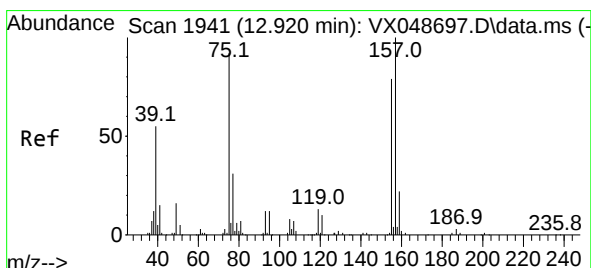
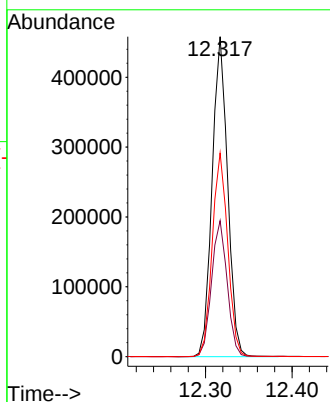
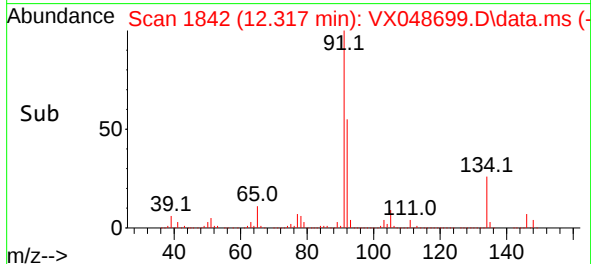
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 568454
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 63.9 32.1 96.5

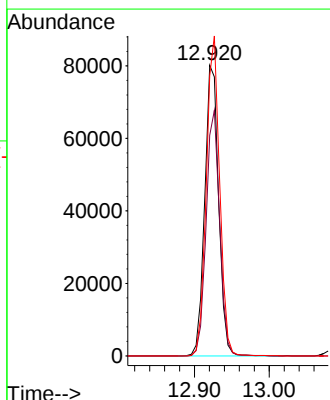
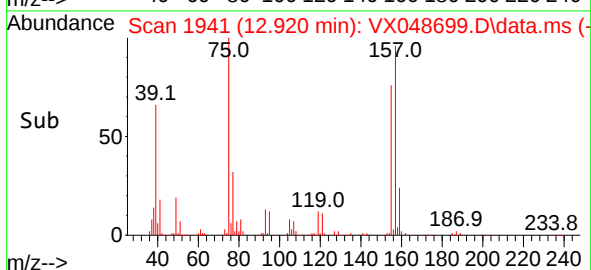
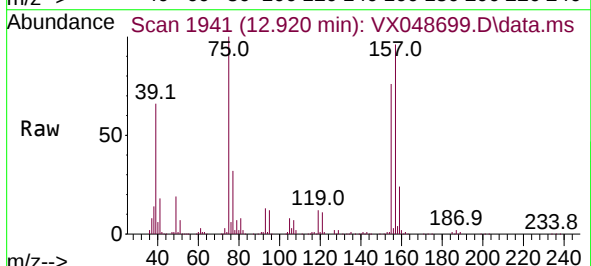
Manual Integrations
APPROVED

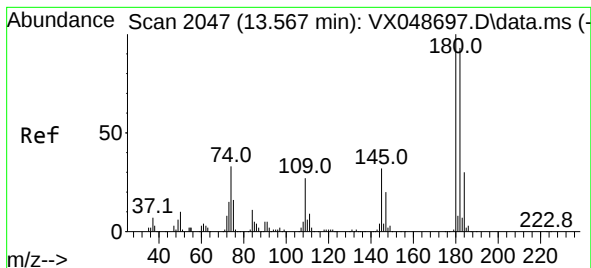
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 167.861 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

Tgt Ion: 75 Resp: 103483
Ion Ratio Lower Upper
75 100
155 82.2 46.7 140.1
157 105.5 58.7 176.1





#93

1,2,4-Trichlorobenzene

Concen: 165.440 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 381120

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

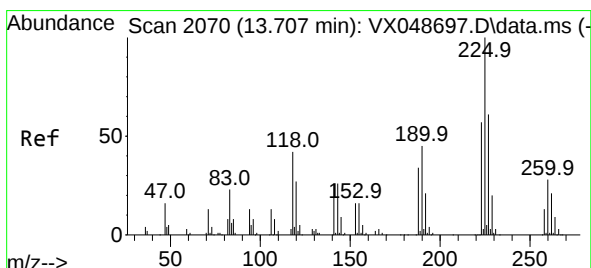
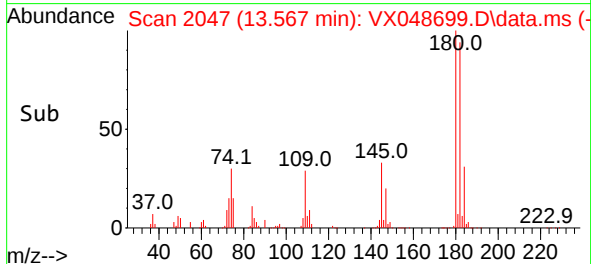
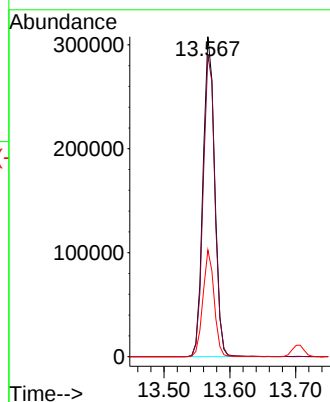
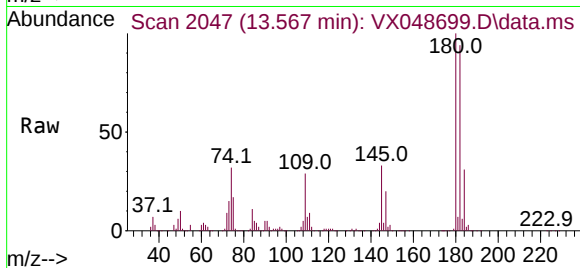
145 31.9 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 144.718 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048699.D

Acq: 03 Dec 2025 10:31

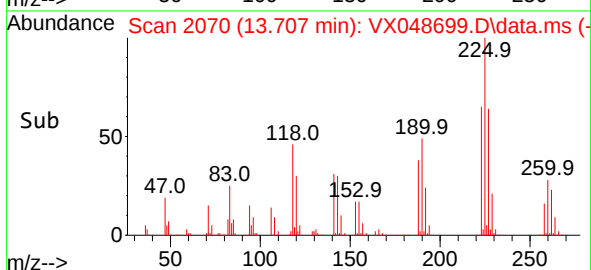
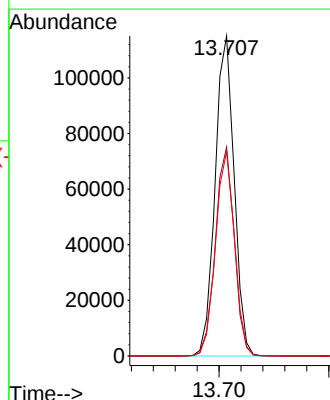
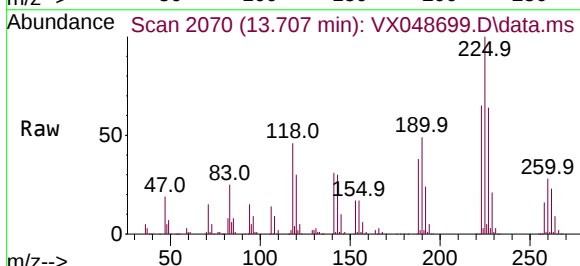
Tgt Ion:225 Resp: 138811

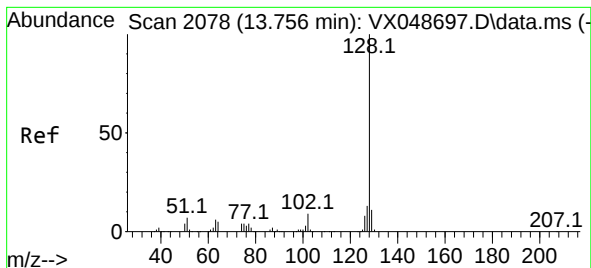
Ion Ratio Lower Upper

225 100

223 64.5 31.6 95.0

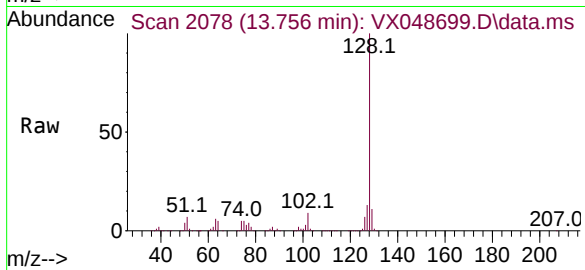
227 63.7 31.6 94.7





#95
Naphthalene
Concen: 180.793 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31

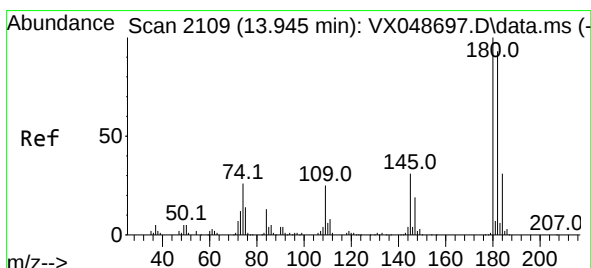
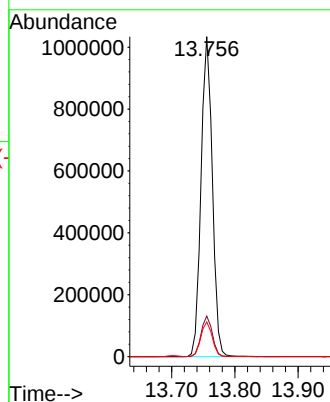
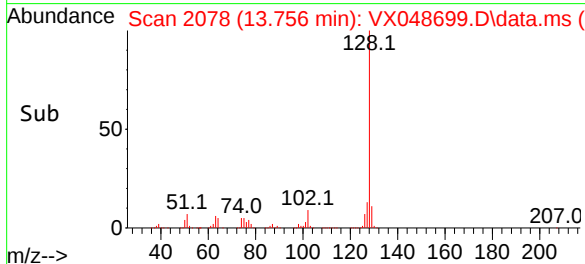
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



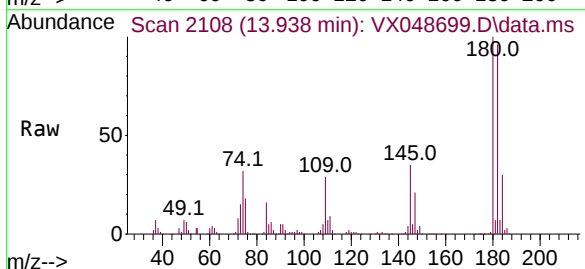
Tgt Ion:128 Resp: 1271205
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 162.789 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VX048699.D
Acq: 03 Dec 2025 10:31



Tgt Ion:180 Resp: 346164
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 33.6 16.8 50.4

