

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048695.D
 Acq On : 03 Dec 2025 09:10
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 04 01:36:39 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	5.531	168	217357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	361225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	330205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	16063	5.474	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.373	113	12437	5.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.100%#		
50) Toluene-d8	8.628	98	41661	4.934	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.860%#		
62) 4-Bromofluorobenzene	11.061	95	15922	5.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.280%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	10063	4.017	ug/l	98
3) Chloromethane	1.300	50	11619	4.758	ug/l	96
4) Vinyl Chloride	1.380	62	11675	4.364	ug/l	97
5) Bromomethane	1.611	94	8964	5.043	ug/l	96
6) Chloroethane	1.697	64	7199	4.544	ug/l #	82
7) Trichlorofluoromethane	1.892	101	17499	4.501	ug/l	98
8) Diethyl Ether	2.130	74	6646	4.801	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	10415	4.495	ug/l	95
10) Methyl Iodide	2.459	142	13490	4.042	ug/l	94
11) Tert butyl alcohol	2.934	59	10395	23.420	ug/l	98
12) 1,1-Dichloroethene	2.325	96	10406	4.518	ug/l	99
13) Acrolein	2.233	56	4083	17.011	ug/l	93
14) Allyl chloride	2.666	41	18352	4.210	ug/l	92
15) Acrylonitrile	3.056	53	32012	22.690	ug/l	97
16) Acetone	2.367	43	22647	23.613	ug/l	96
17) Carbon Disulfide	2.514	76	31394	4.475	ug/l	98
18) Methyl Acetate	2.697	43	13501	4.250	ug/l	93
19) Methyl tert-butyl Ether	3.099	73	34482	4.393	ug/l	94
20) Methylene Chloride	2.782	84	11481	4.288	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	10725	4.512	ug/l	93
22) Diisopropyl ether	3.745	45	26130	3.348	ug/l #	78
23) Vinyl Acetate	3.709	43	110083	16.224	ug/l	100
24) 1,1-Dichloroethane	3.605	63	16856	3.792	ug/l	99
25) 2-Butanone	4.538	43	38098	23.255	ug/l	97
26) 2,2-Dichloropropane	4.458	77	19227	4.767	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	13668	4.593	ug/l	100
28) Bromochloromethane	4.879	49	10666	4.998	ug/l	90
29) Tetrahydrofuran	4.983	42	29542	23.217	ug/l	97
30) Chloroform	5.080	83	22861	4.855	ug/l	100
31) Cyclohexane	5.458	56	16413	4.334	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	19746	4.664	ug/l	98
36) 1,1-Dichloropropene	5.672	75	15867	4.769	ug/l	98
37) Ethyl Acetate	4.690	43	19726	4.491	ug/l	96
38) Carbon Tetrachloride	5.659	117	18217	4.765	ug/l #	80
39) Methylcyclohexane	7.360	83	16518	4.266	ug/l	91
40) Benzene	6.013	78	44786	4.580	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Dec 04 01:36:39 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	8401	4.394	ug/l #	91
42) 1,2-Dichloroethane	6.074	62	16566	4.718	ug/l	84
43) Isopropyl Acetate	6.324	43	28595	4.821	ug/l	93
44) Trichloroethene	7.110	130	12323	4.787	ug/l	87
45) 1,2-Dichloropropane	7.409	63	10911	4.565	ug/l	97
46) Dibromomethane	7.568	93	9170	4.987	ug/l	92
47) Bromodichloromethane	7.799	83	18325	4.861	ug/l	99
48) Methyl methacrylate	7.677	41	12661	4.468	ug/l	92
49) 1,4-Dioxane	7.653	88	3323m	95.885	ug/l	
51) 4-Methyl-2-Pentanone	8.555	43	89970	24.067	ug/l	95
52) Toluene	8.702	92	29336	4.889	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	17643	4.702	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	18621	4.679	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	11637	4.891	ug/l	96
56) Ethyl methacrylate	9.098	69	17076	4.479	ug/l	92
57) 1,3-Dichloropropane	9.293	76	19764	4.938	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	42434	21.596	ug/l	94
59) 2-Hexanone	9.415	43	63597	23.709	ug/l	94
60) Dibromochloromethane	9.500	129	14115	4.757	ug/l	97
61) 1,2-Dibromoethane	9.592	107	12782	4.859	ug/l	95
64) Tetrachloroethene	9.256	164	10264	4.526	ug/l	92
65) Chlorobenzene	10.061	112	32752	4.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	11263	4.628	ug/l	97
67) Ethyl Benzene	10.177	91	52936	4.606	ug/l	100
68) m/p-Xylenes	10.281	106	39563	8.937	ug/l	96
69) o-Xylene	10.622	106	19145	4.489	ug/l	100
70) Styrene	10.640	104	32011	4.466	ug/l	99
71) Bromoform	10.780	173	9980	4.502	ug/l #	99
73) Isopropylbenzene	10.945	105	47857	4.388	ug/l	99
74) N-amyl acetate	10.829	43	21380	4.343	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	17431	4.668	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	15179m	3.781	ug/l	
77) Bromobenzene	11.183	156	13678	4.654	ug/l	95
78) n-propylbenzene	11.286	91	56015	4.386	ug/l	100
79) 2-Chlorotoluene	11.347	91	34935	4.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	39927	4.476	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.000	75	5052	3.963	ug/l #	91
82) 4-Chlorotoluene	11.439	91	41196	4.564	ug/l	98
83) tert-Butylbenzene	11.695	119	41719	4.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	39057	4.395	ug/l	99
85) sec-Butylbenzene	11.872	105	49601	4.429	ug/l	97
86) p-Isopropyltoluene	11.994	119	41319	4.466	ug/l	97
87) 1,3-Dichlorobenzene	11.951	146	24963	4.667	ug/l	96
88) 1,4-Dichlorobenzene	12.024	146	24950	4.570	ug/l	94
89) n-Butylbenzene	12.317	91	37167	4.265	ug/l	99
90) Hexachloroethane	12.518	117	8147	4.374	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	22948	4.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	3900	4.596	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	12953	4.085	ug/l	94
94) Hexachlorobutadiene	13.707	225	5896	4.466	ug/l	96
95) Naphthalene	13.756	128	37160	3.839	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	12257	4.187	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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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

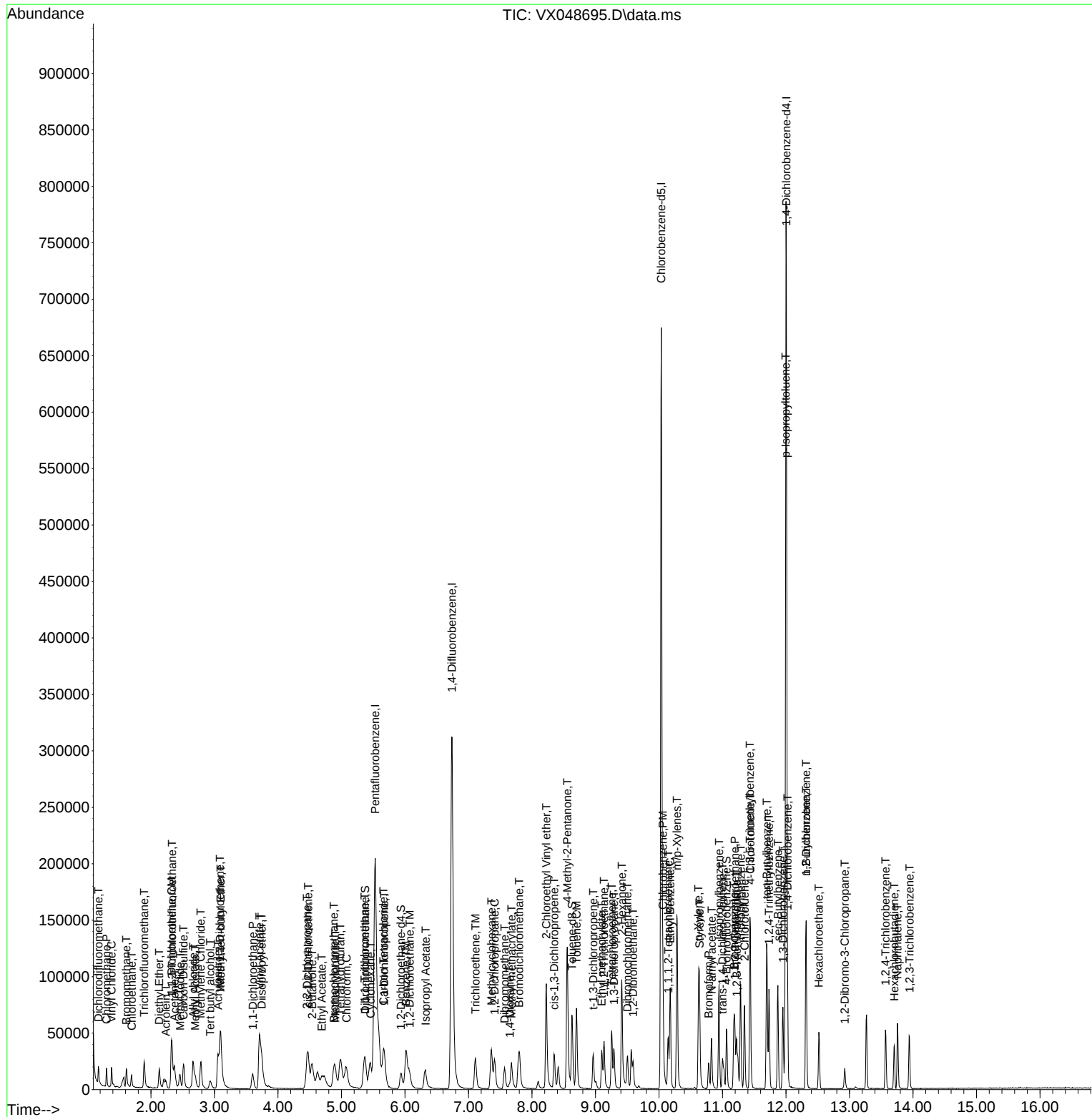
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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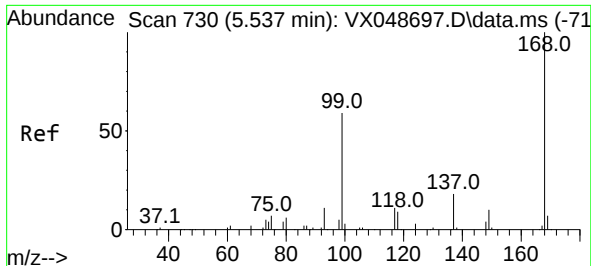
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

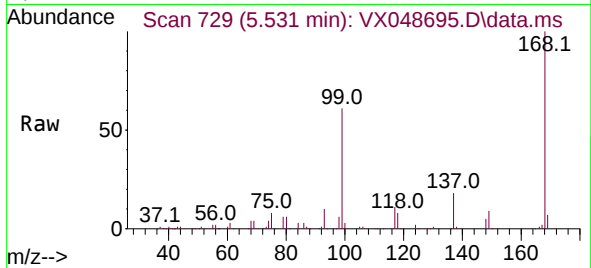
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

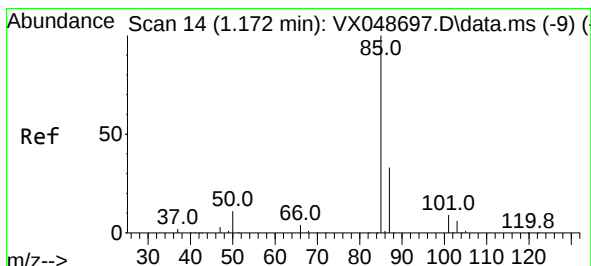
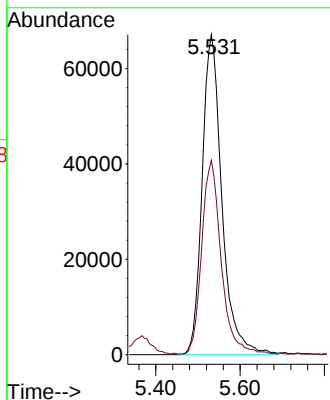
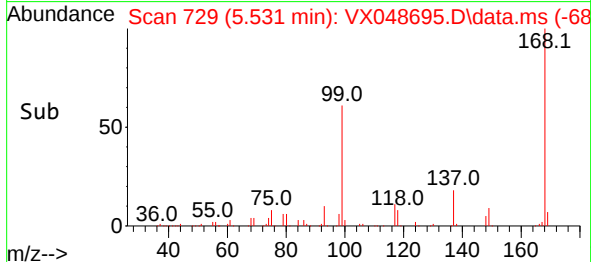
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 21735
Ion Ratio Lower Upper
168 100
99 60.6 48.3 72.5

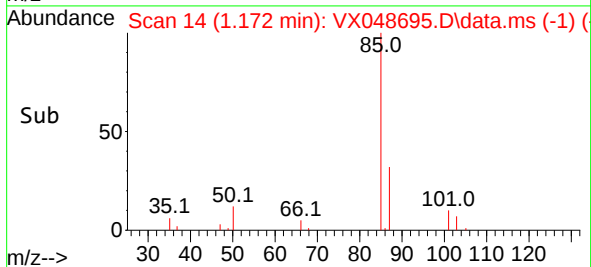
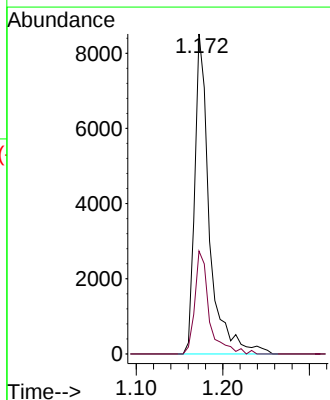
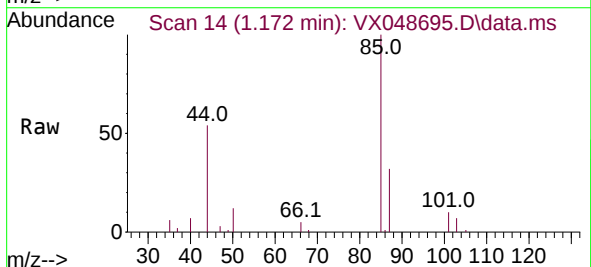
Manual Integrations
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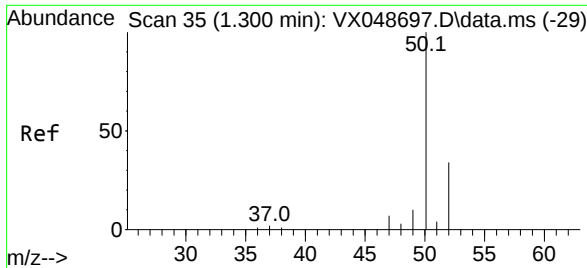
Reviewed By :John Carlone 12/04/2025
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#2
Dichlorodifluoromethane
Concen: 4.017 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

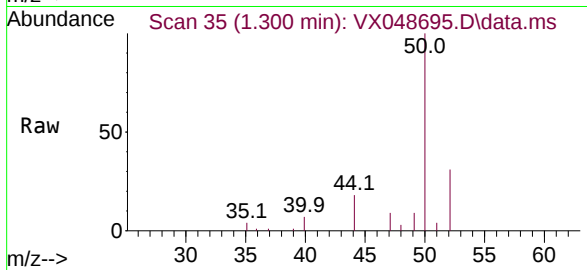
Tgt Ion: 85 Resp: 10063
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 4.758 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

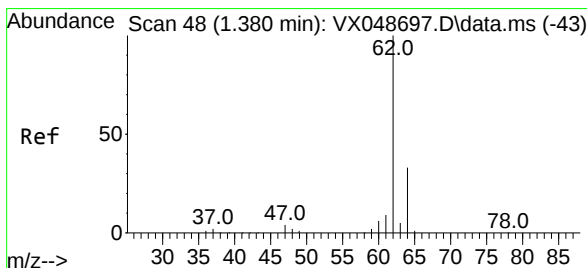
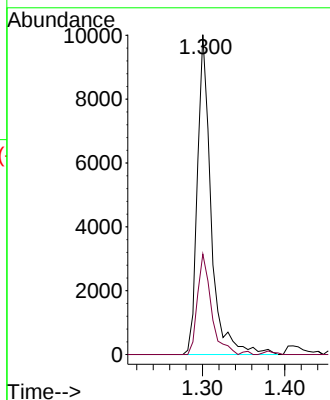
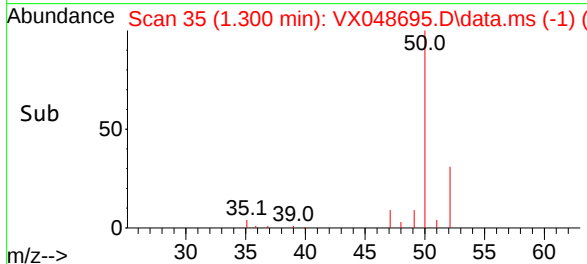
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 11619
Ion Ratio Lower Upper
50 100
52 31.4 26.8 40.2

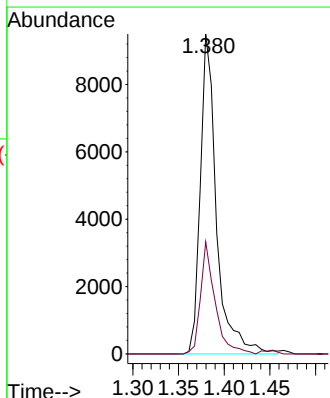
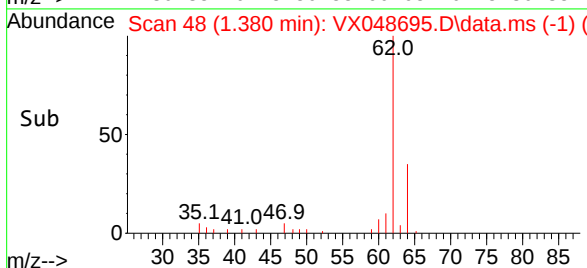
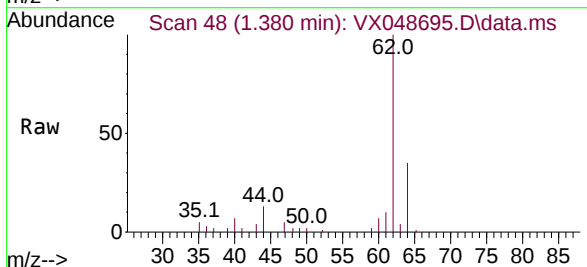
Manual Integrations
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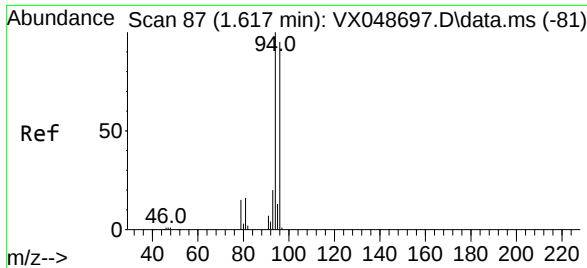
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#4
Vinyl Chloride
Concen: 4.364 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

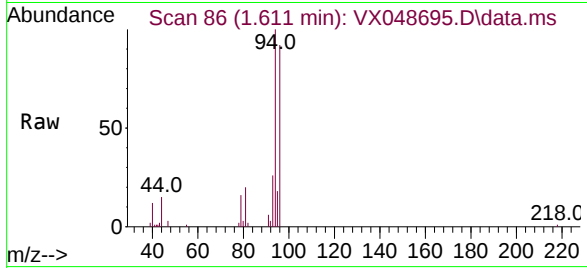
Tgt Ion: 62 Resp: 11675
Ion Ratio Lower Upper
62 100
64 35.0 26.7 40.1





#5
Bromomethane
Concen: 5.043 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

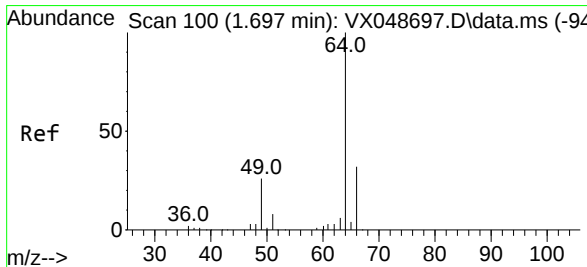
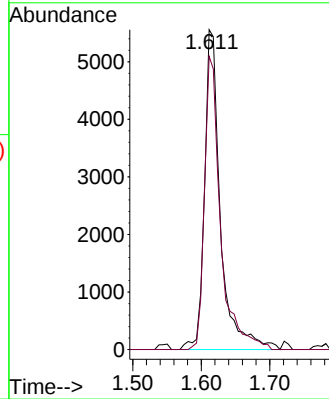
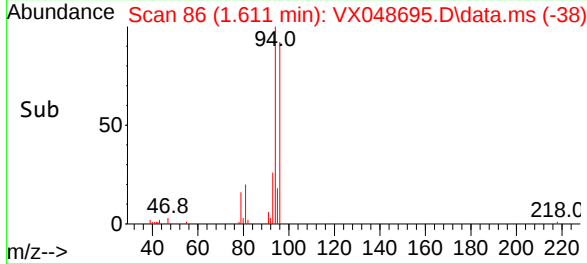
Instrument :
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Tgt Ion: 94 Resp: 8964
Ion Ratio Lower Upper
94 100
96 91.6 76.1 114.1

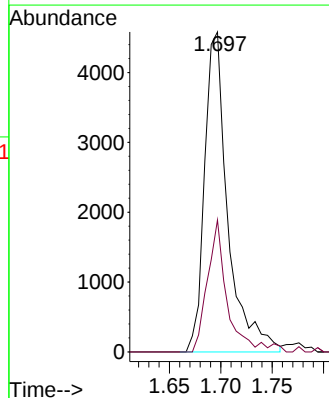
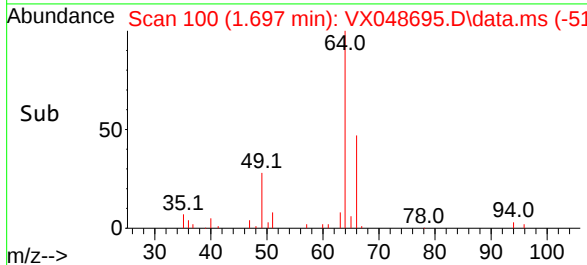
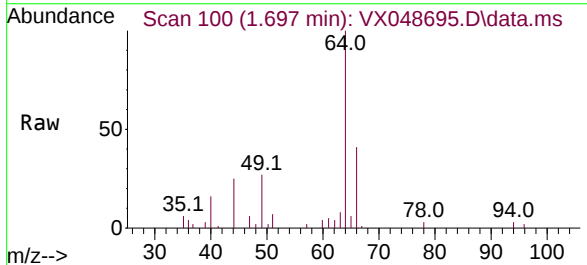
Manual Integrations
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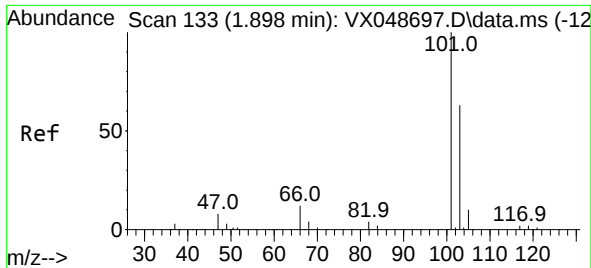
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 4.544 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

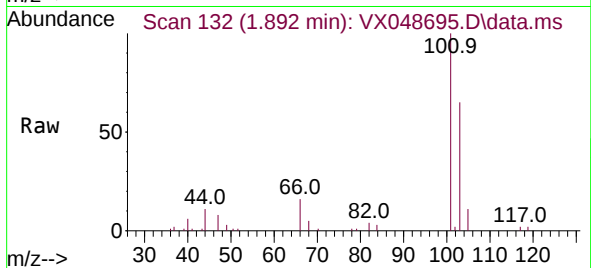
Tgt Ion: 64 Resp: 7199
Ion Ratio Lower Upper
64 100
66 41.2 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 4.501 ug/l
 RT: 1.892 min Scan# 133
 Delta R.T. -0.006 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10

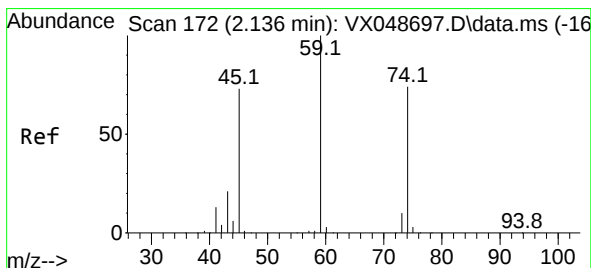
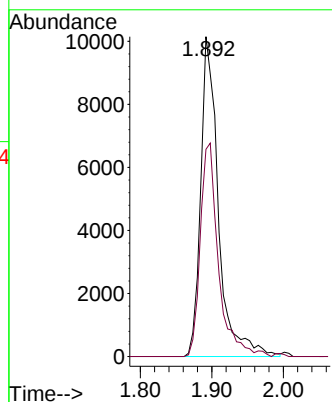
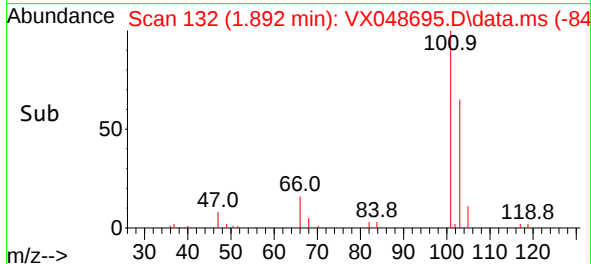
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



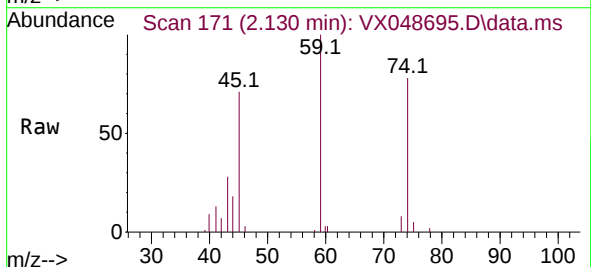
Tgt Ion:101 Resp: 17499
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.5 75.7

Manual Integrations
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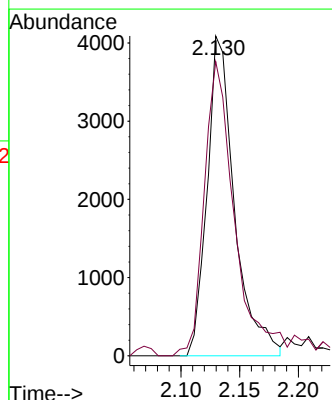
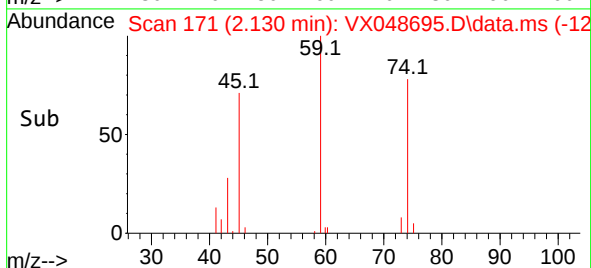
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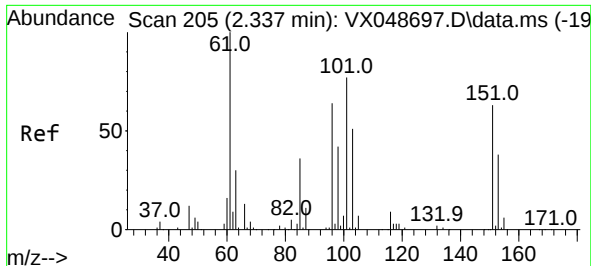


#8
 Diethyl Ether
 Concen: 4.801 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10



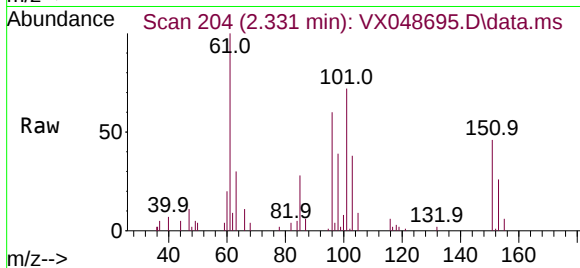
Tgt Ion: 74 Resp: 6646
 Ion Ratio Lower Upper
 74 100
 45 101.3 48.1 144.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.495 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

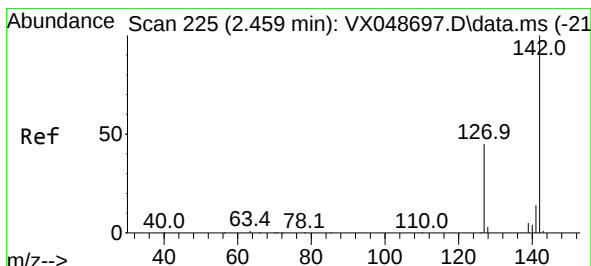
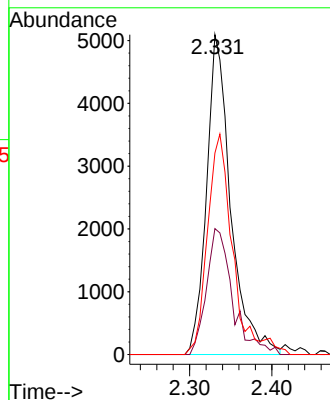
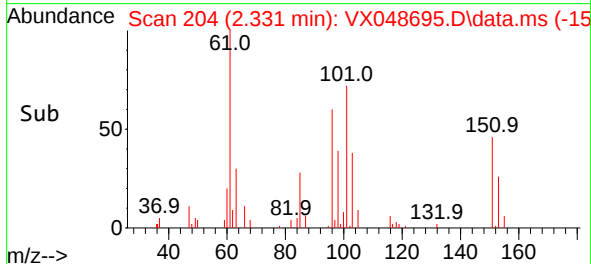
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



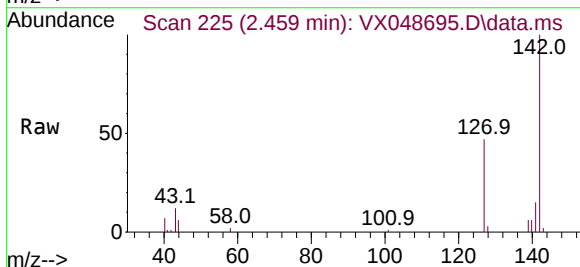
Tgt Ion:101 Resp: 10415
Ion Ratio Lower Upper
101 100
85 42.5 35.5 53.3
151 71.9 62.2 93.4

Manual Integrations
APPROVED

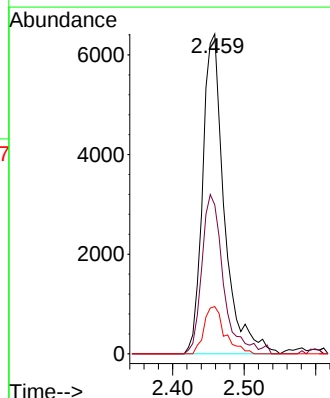
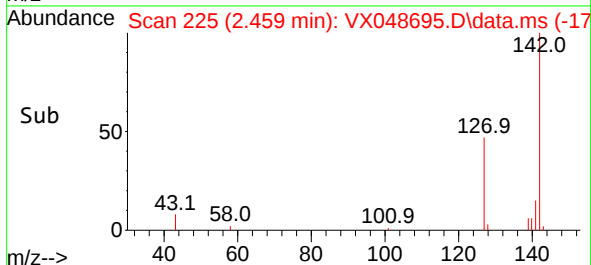
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

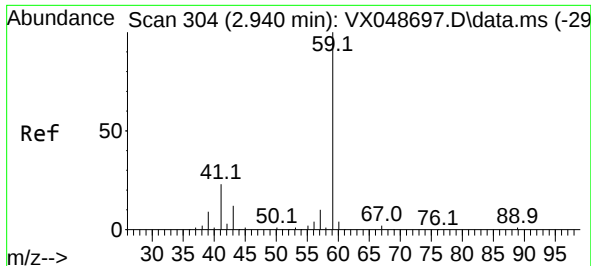


#10
Methyl Iodide
Concen: 4.042 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion:142 Resp: 13490
Ion Ratio Lower Upper
142 100
127 50.0 36.1 54.1
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 23.420 ug/l

RT: 2.934 min Scan# 304

Delta R.T. -0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

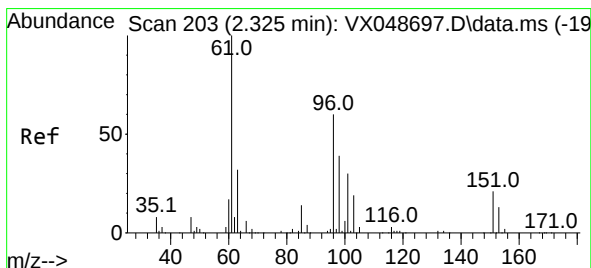
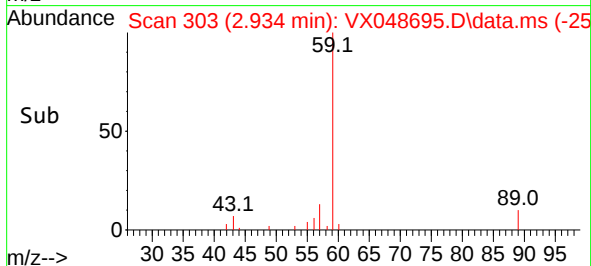
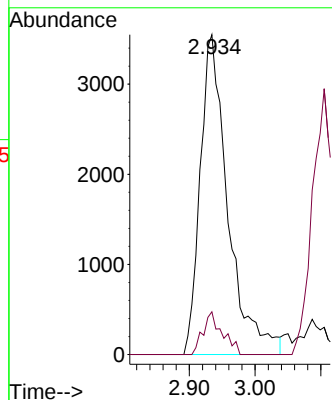
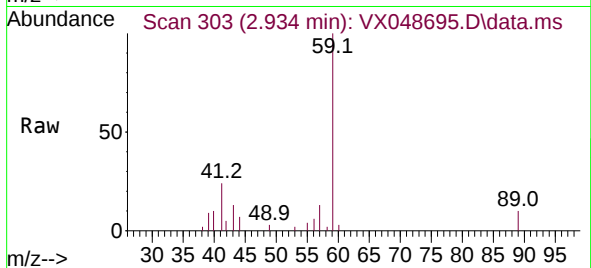
ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 10395
 Ion Ratio Lower Upper
 59 100
 57 9.3 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: 4.518 ug/l

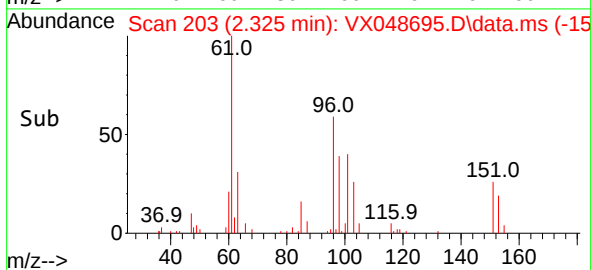
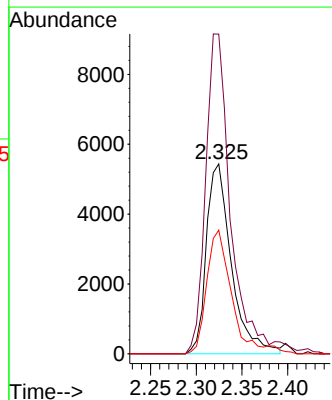
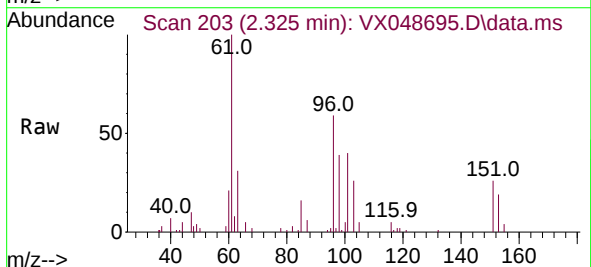
RT: 2.325 min Scan# 203

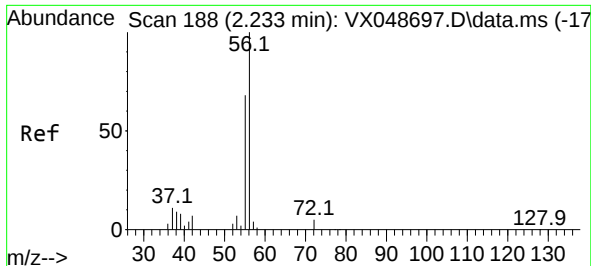
Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

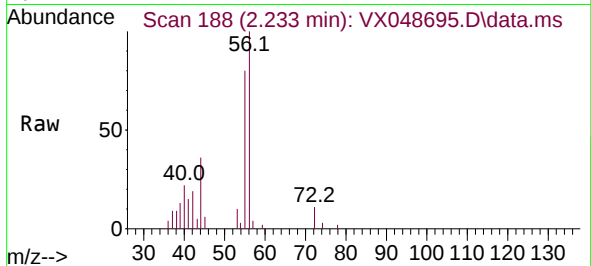
Tgt Ion: 96 Resp: 10406
 Ion Ratio Lower Upper
 96 100
 61 168.3 133.5 200.3
 98 65.1 52.2 78.4





#13
Acrolein
Concen: 17.011 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

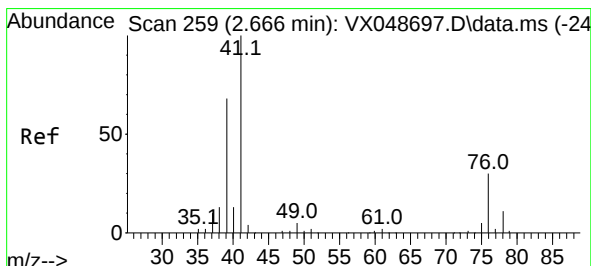
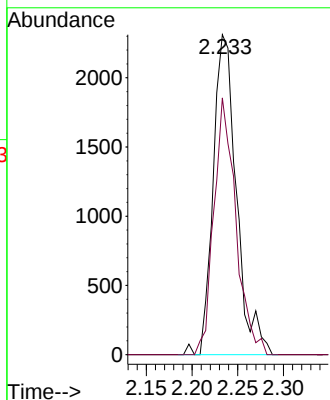
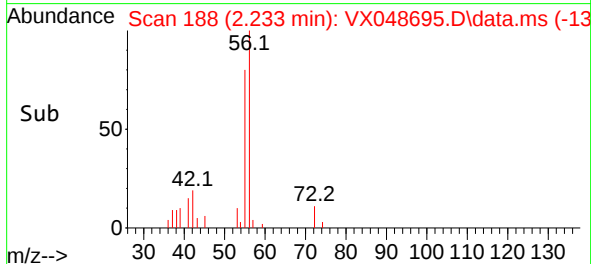
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 4083
Ion Ratio Lower Upper
56 100
55 76.1 56.2 84.4

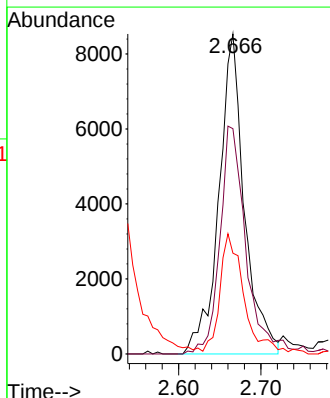
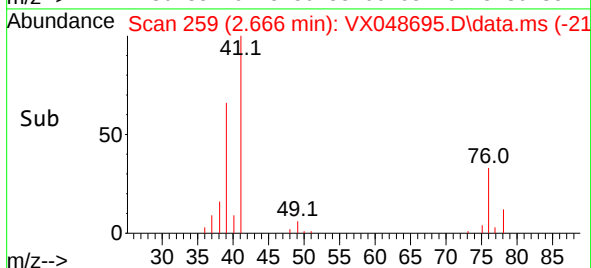
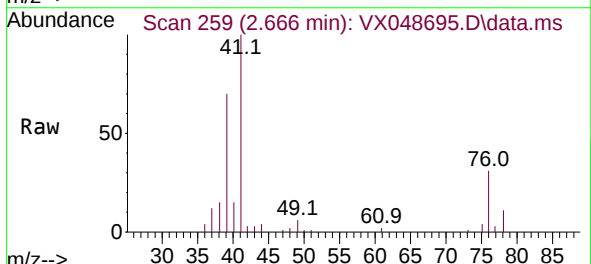
Manual Integrations
APPROVED

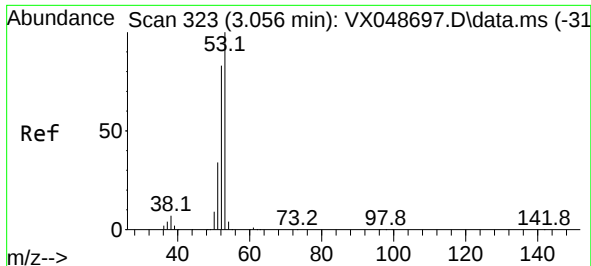
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 4.210 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

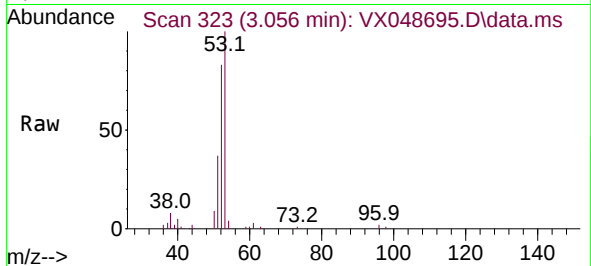
Tgt Ion: 41 Resp: 18352
Ion Ratio Lower Upper
41 100
39 72.5 50.7 76.1
76 33.9 27.1 40.7





#15
Acrylonitrile
Concen: 22.690 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

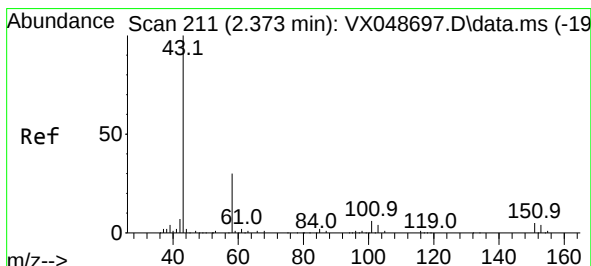
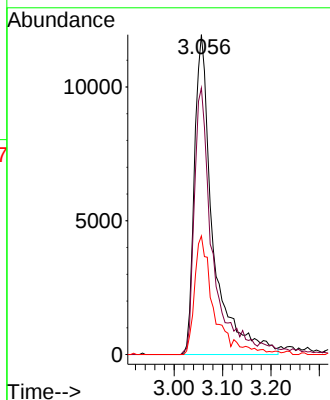
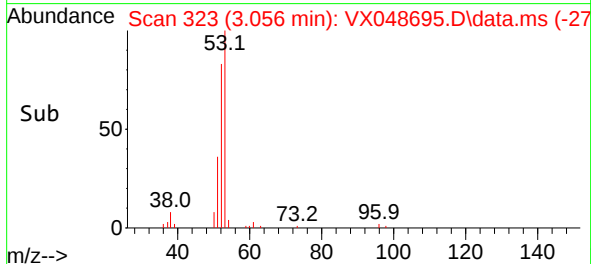
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



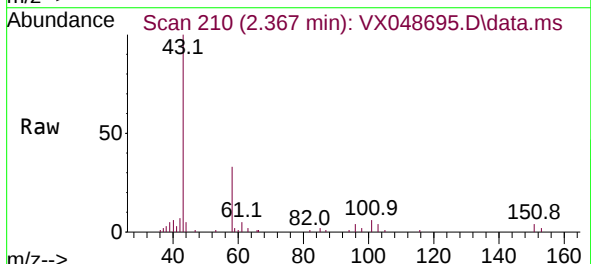
Tgt Ion: 53 Resp: 32012
Ion Ratio Lower Upper
53 100
52 80.2 65.4 98.0
51 38.6 28.3 42.5

Manual Integrations
APPROVED

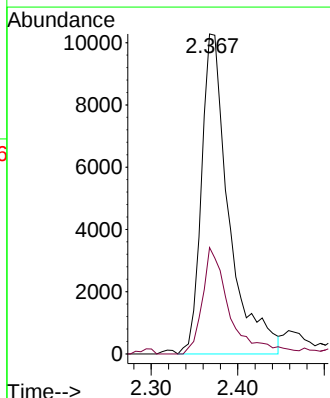
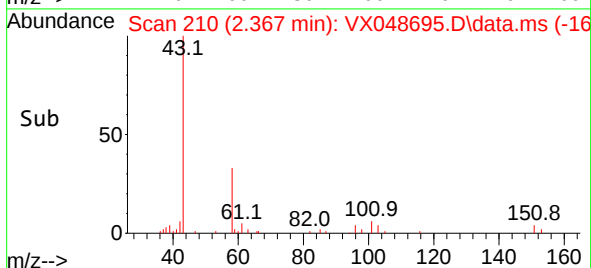
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

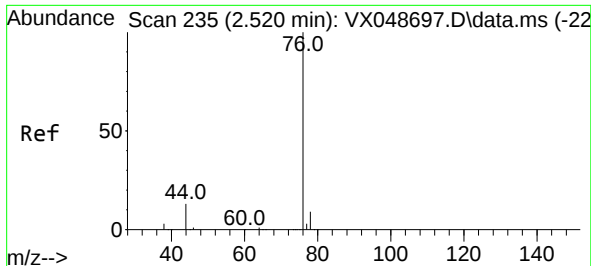


#16
Acetone
Concen: 23.613 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion: 43 Resp: 22647
Ion Ratio Lower Upper
43 100
58 33.2 24.9 37.3





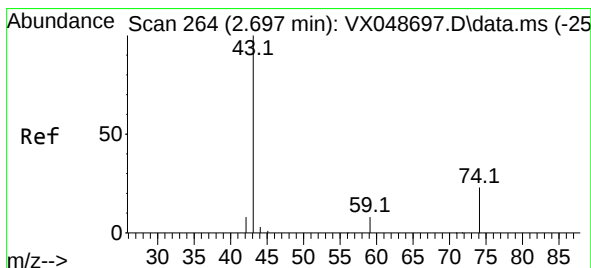
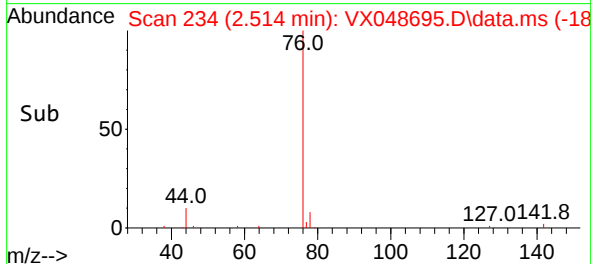
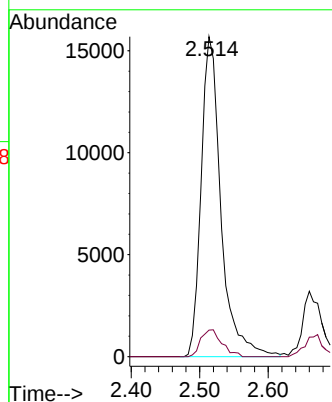
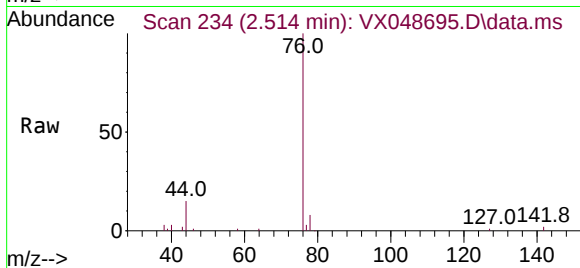
#17
Carbon Disulfide
Concen: 4.475 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 31394
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

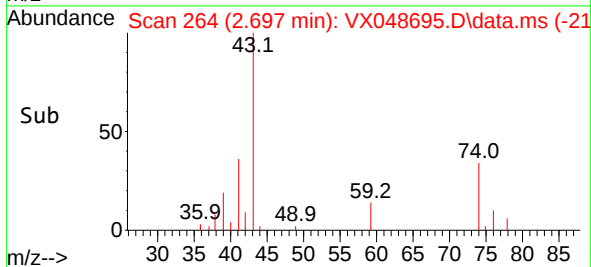
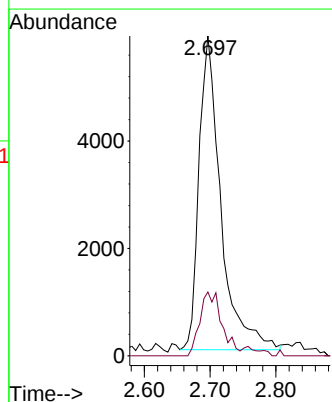
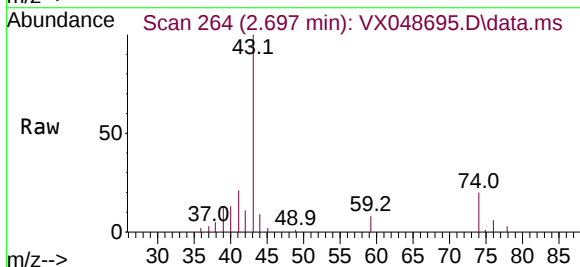
Manual Integrations
APPROVED

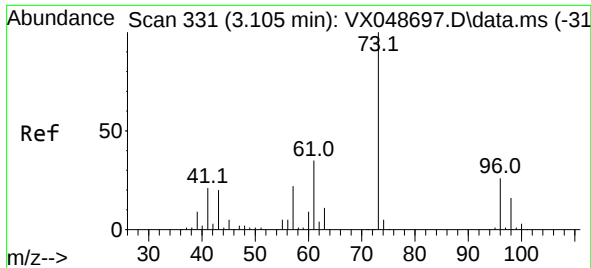
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 4.250 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

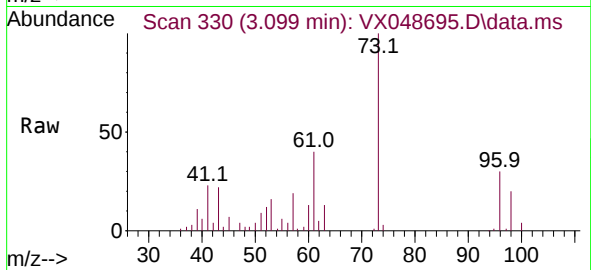
Tgt Ion: 43 Resp: 13501
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 4.393 ug/l
RT: 3.099 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

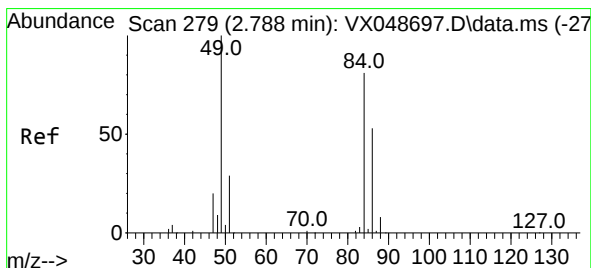
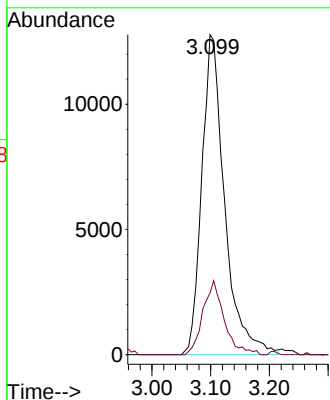
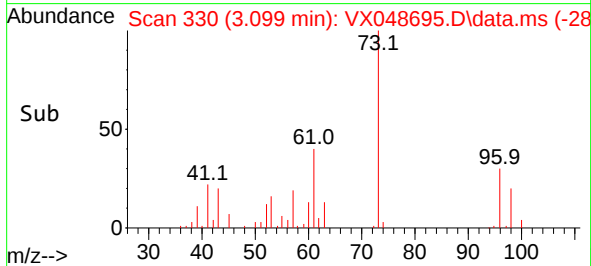
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 34482
Ion Ratio Lower Upper
73 100
57 19.2 17.5 26.3

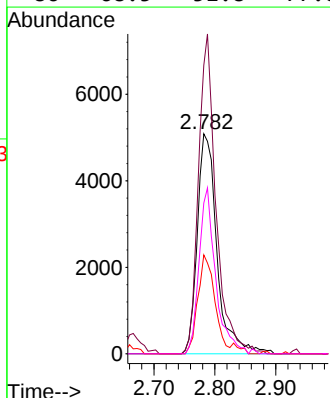
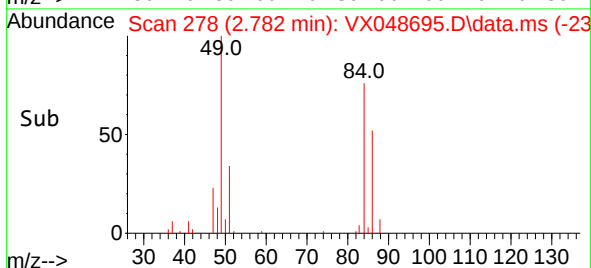
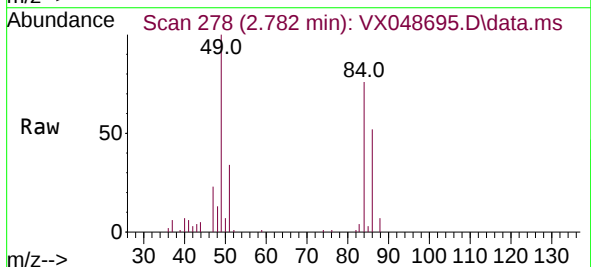
Manual Integrations
APPROVED

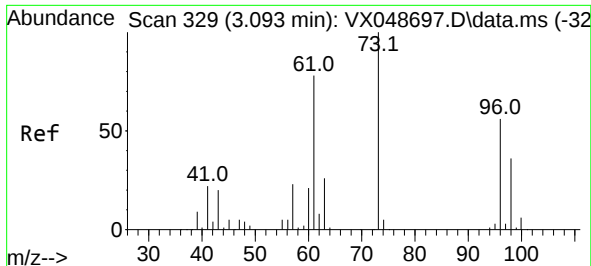
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 4.288 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

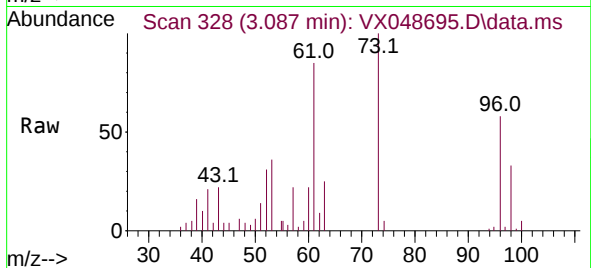
Tgt Ion: 84 Resp: 11481
Ion Ratio Lower Upper
84 100
49 131.1 98.6 148.0
51 45.0 28.7 43.1#
86 68.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 4.512 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

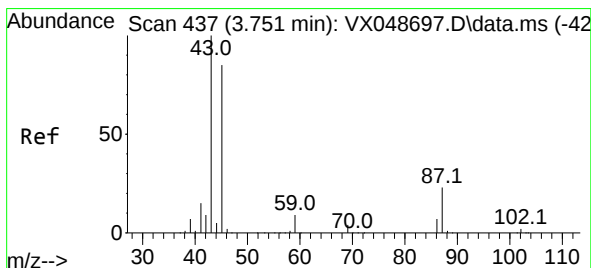
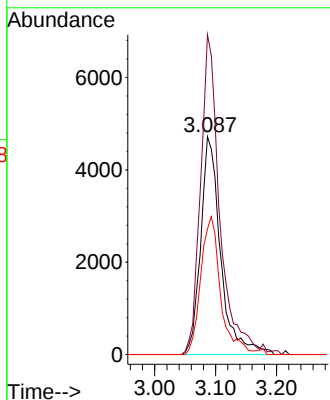
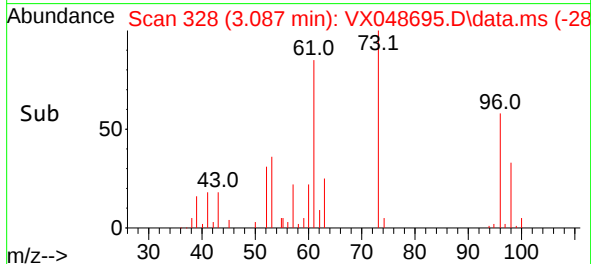
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 10725
Ion Ratio Lower Upper
96 100
61 146.8 110.6 166.0
98 57.6 51.1 76.7

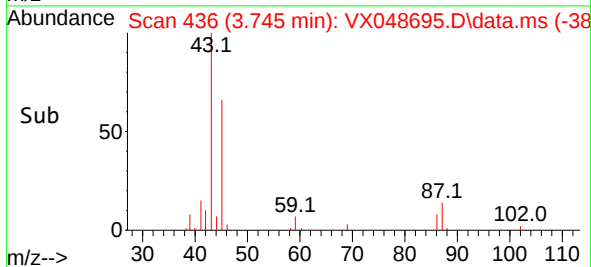
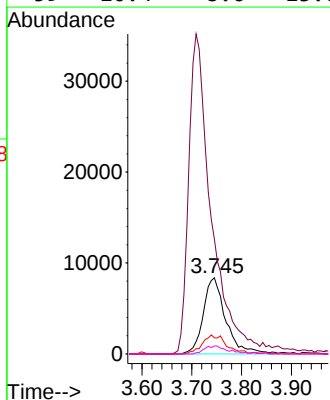
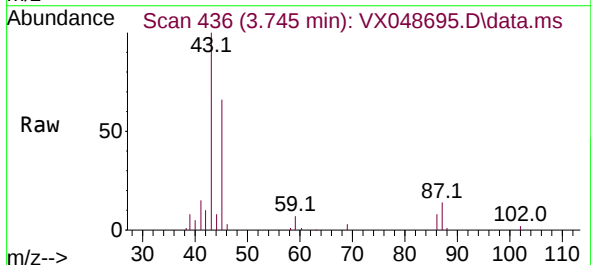
Manual Integrations
APPROVED

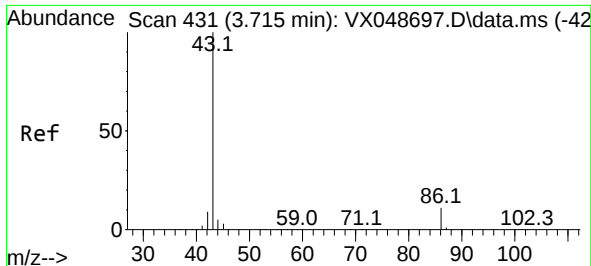
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 3.348 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

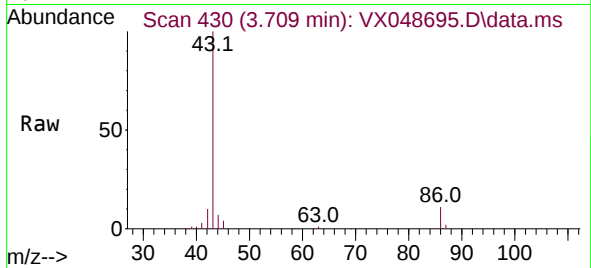
Tgt Ion: 45 Resp: 26130
Ion Ratio Lower Upper
45 100
43 147.1 94.6 141.8#
87 21.1 21.7 32.5#
59 10.4 8.6 13.0





#23
 Vinyl Acetate
 Concen: 16.224 ug/l
 RT: 3.709 min Scan# 431
 Delta R.T. -0.006 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10

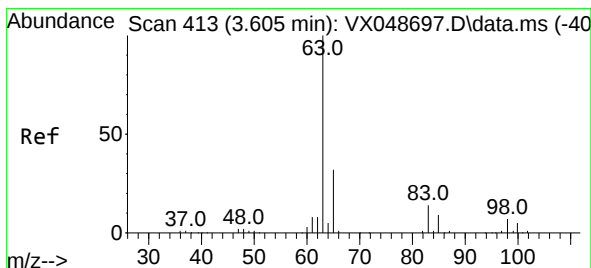
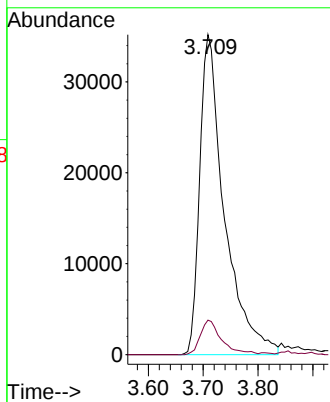
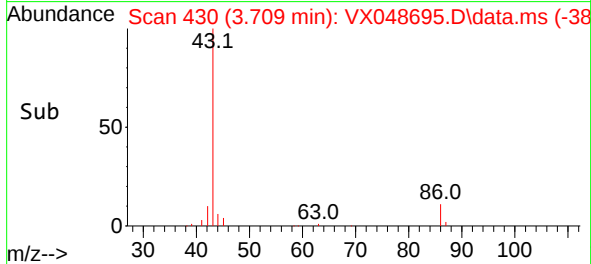
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005



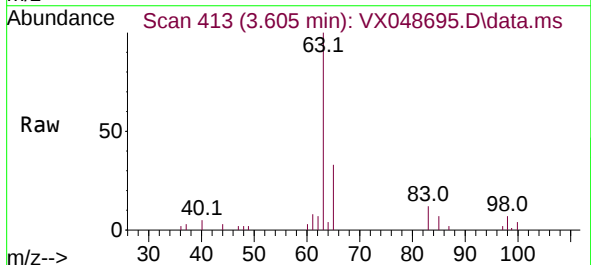
Tgt Ion: 43 Resp: 110083
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

Manual Integrations
 APPROVED

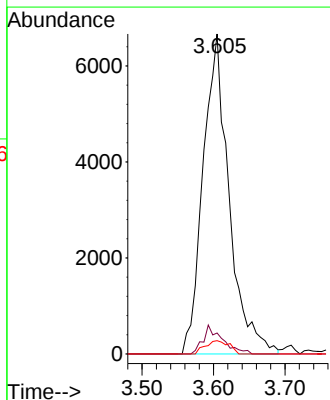
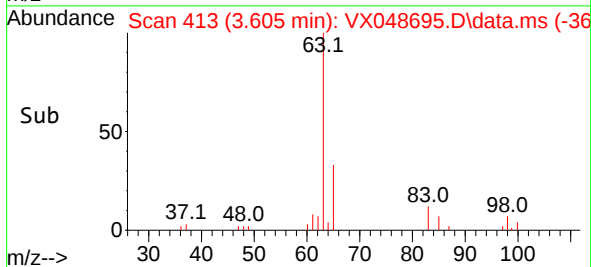
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

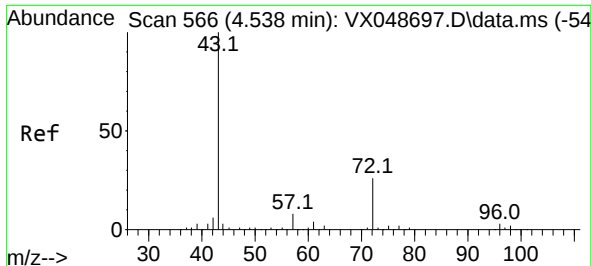


#24
 1,1-Dichloroethane
 Concen: 3.792 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10



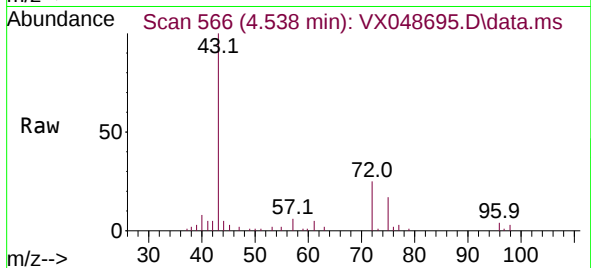
Tgt Ion: 63 Resp: 16856
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.1 2.3 6.9





#25
2-Butanone
Concen: 23.255 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

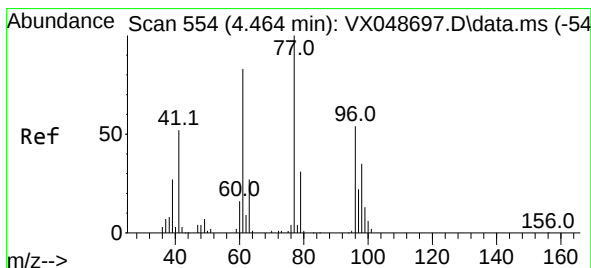
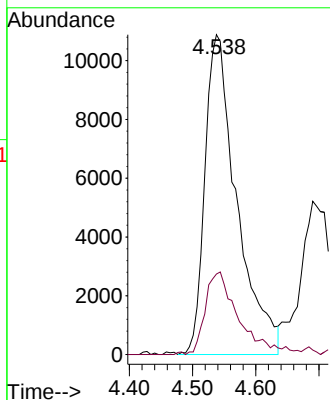
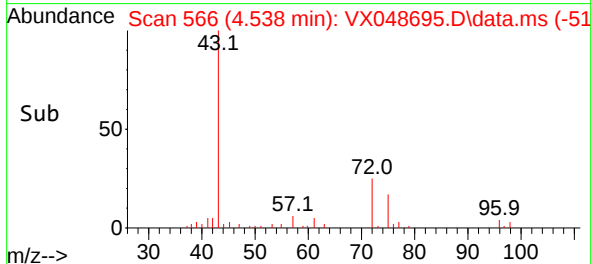
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 38098
Ion Ratio Lower Upper
43 100
72 24.5 20.6 31.0

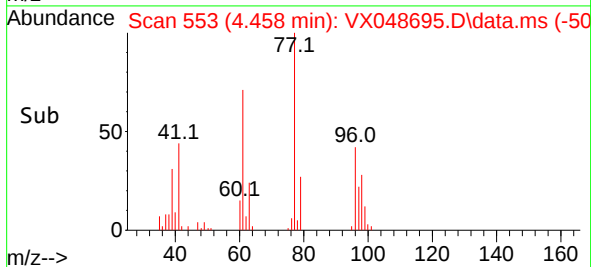
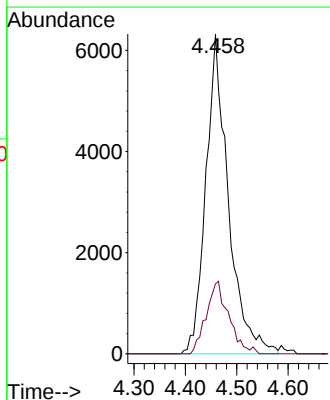
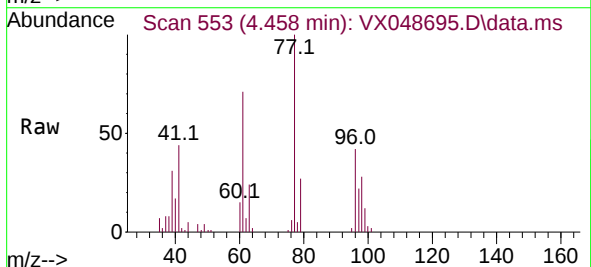
Manual Integrations
APPROVED

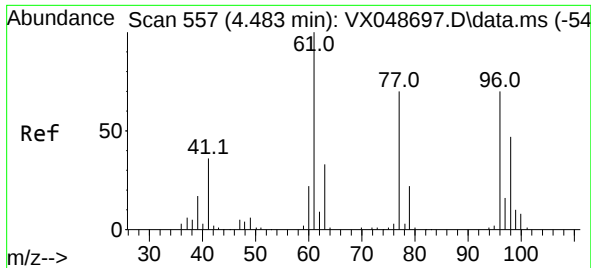
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 4.767 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 77 Resp: 19227
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.593 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

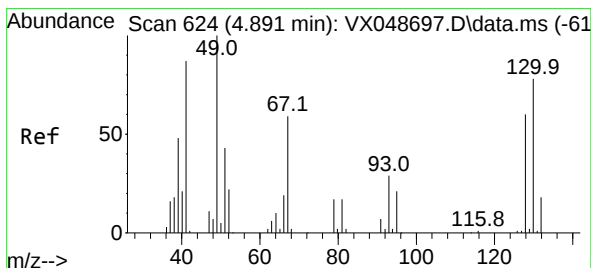
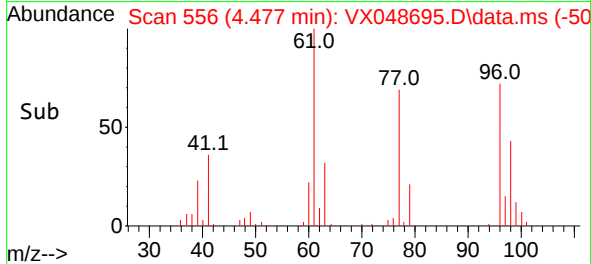
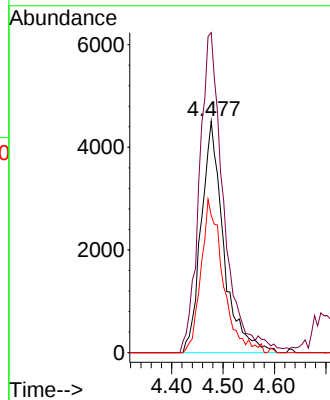
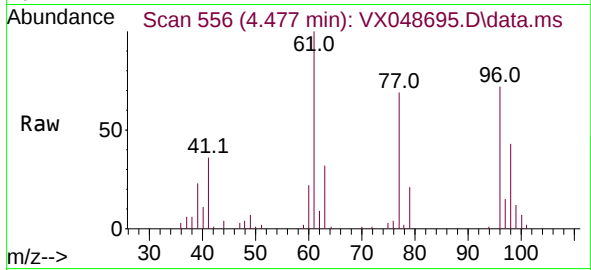
Tgt Ion: 96 Resp: 13668
Ion Ratio Lower Upper
96 100
61 145.5 0.0 291.6
98 65.0 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 4.998 ug/l

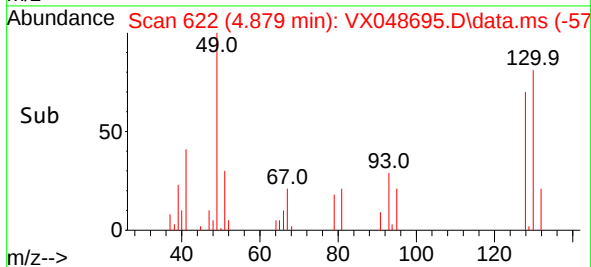
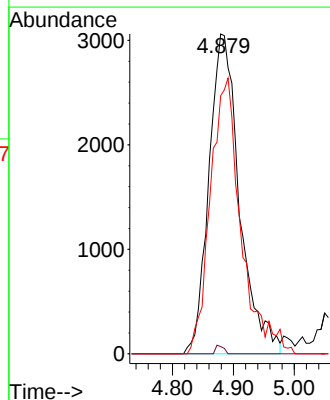
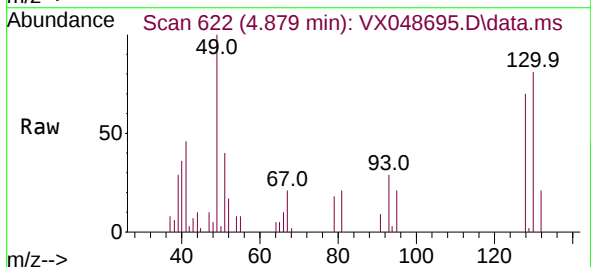
RT: 4.879 min Scan# 622

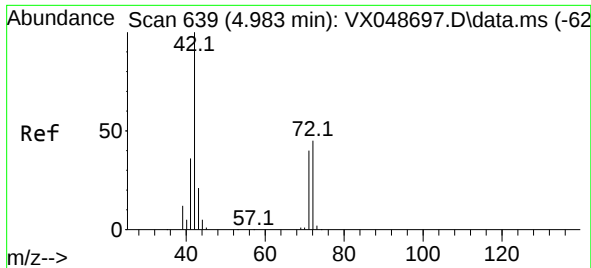
Delta R.T. -0.012 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion: 49 Resp: 10666
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 86.1 61.8 92.8





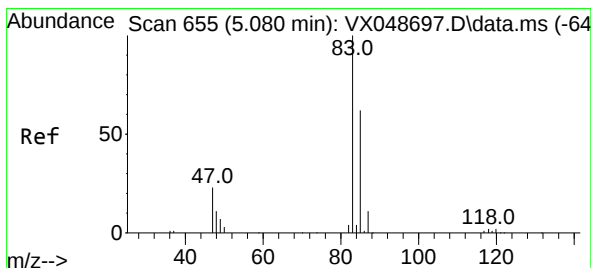
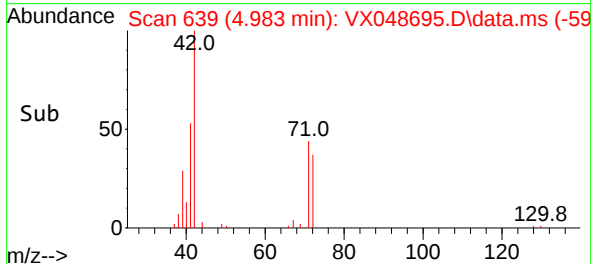
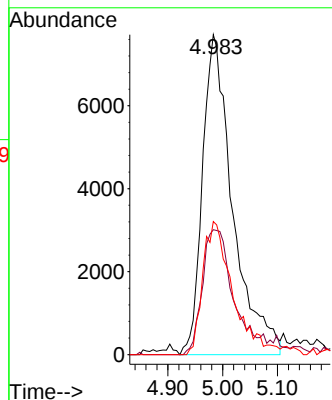
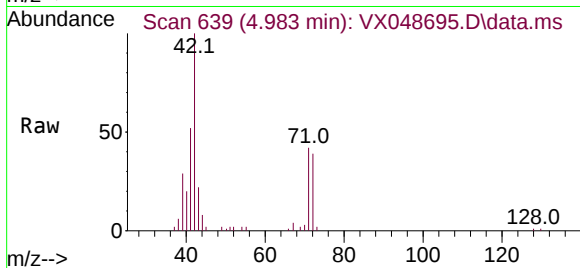
#29
Tetrahydrofuran
Concen: 23.217 ug/l
RT: 4.983 min Scan# 639
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 29542
Ion Ratio Lower Upper
42 100
72 41.5 36.6 55.0
71 41.3 33.0 49.6

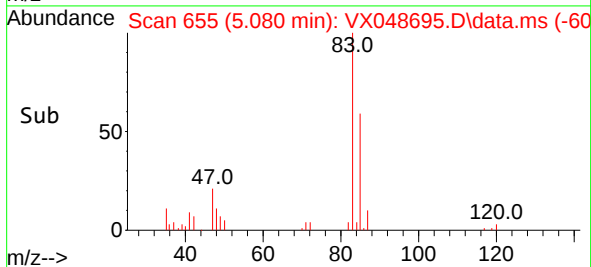
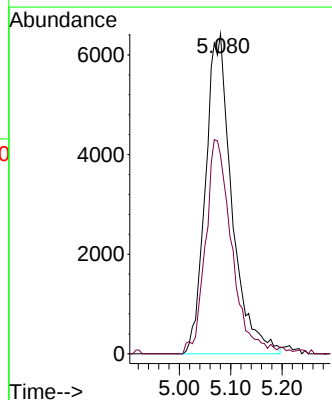
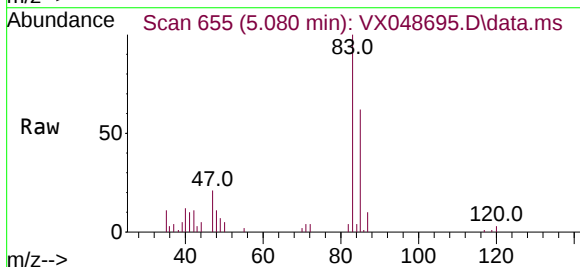
Manual Integrations
APPROVED

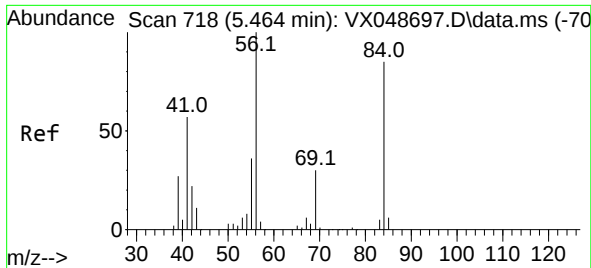
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#30
Chloroform
Concen: 4.855 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

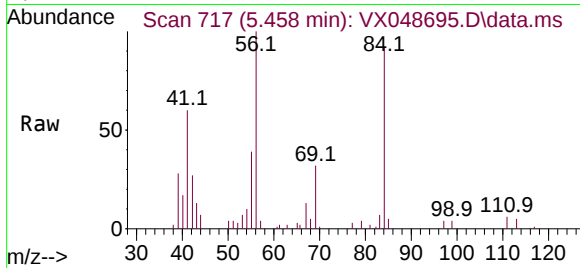
Tgt Ion: 83 Resp: 22861
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4





#31
Cyclohexane
Concen: 4.334 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

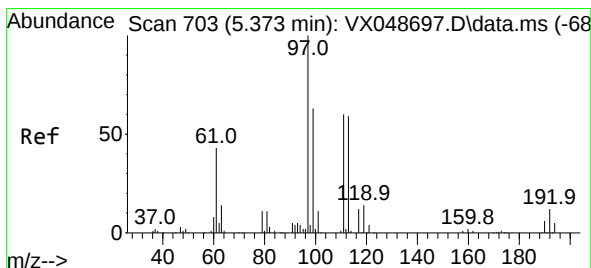
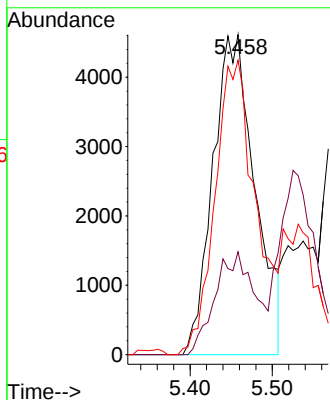
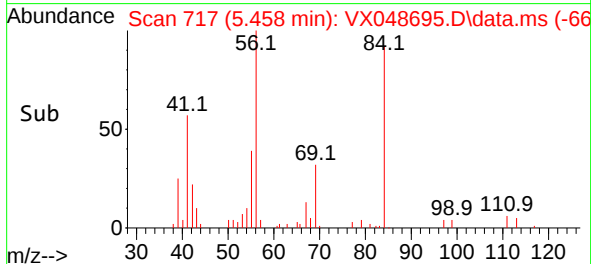
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 16413
Ion Ratio Lower Upper
56 100
69 32.1 24.2 36.4
84 92.0 68.2 102.2

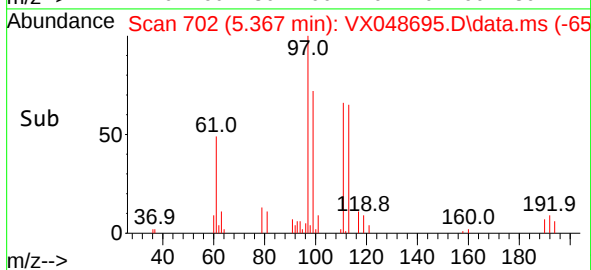
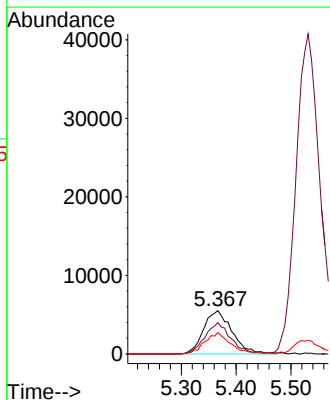
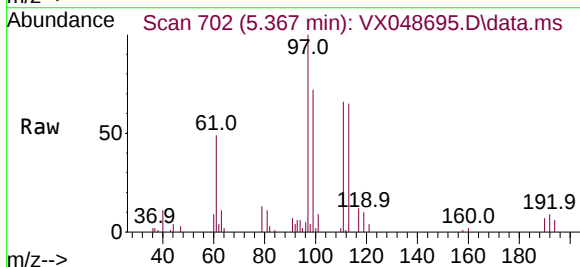
Manual Integrations
APPROVED

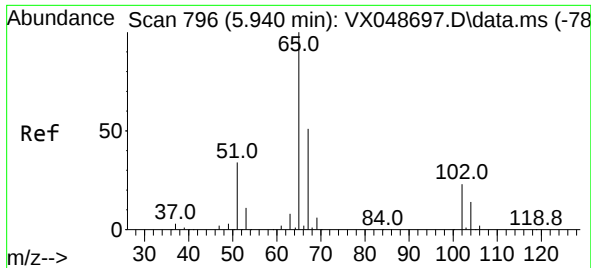
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 4.664 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 97 Resp: 19746
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.4
61 44.0 34.2 51.4





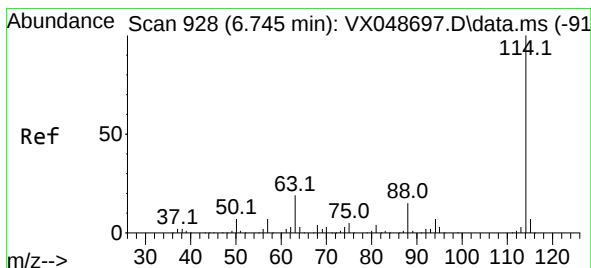
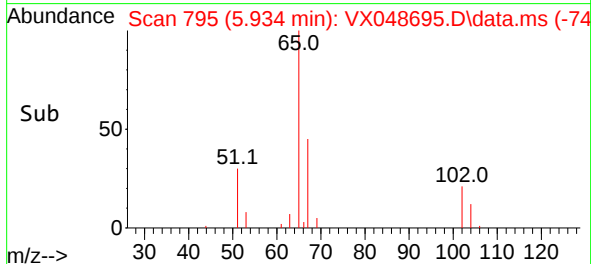
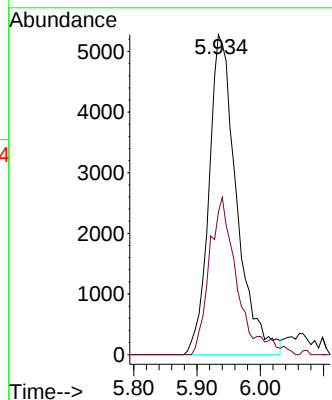
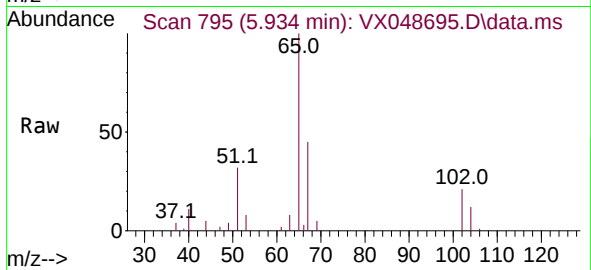
#33
1,2-Dichloroethane-d4
Concen: 5.474 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 16063
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.0

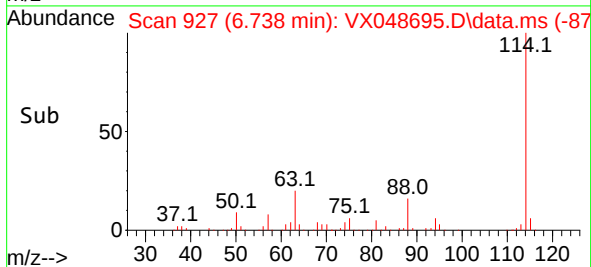
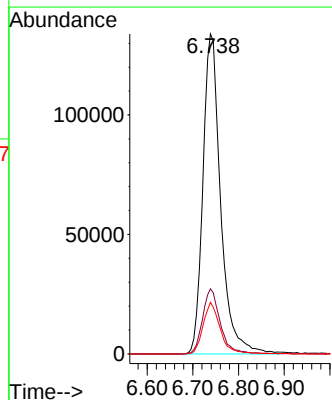
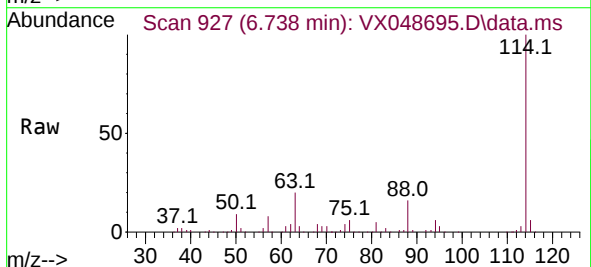
Manual Integrations
APPROVED

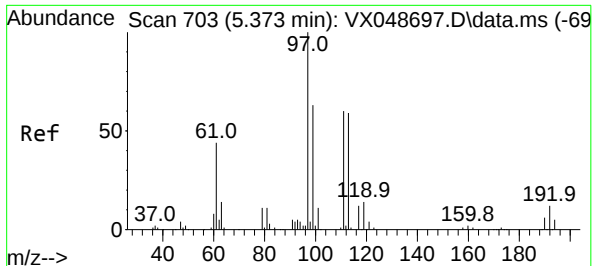
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion:114 Resp: 361225
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.0
88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 5.051 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 1243

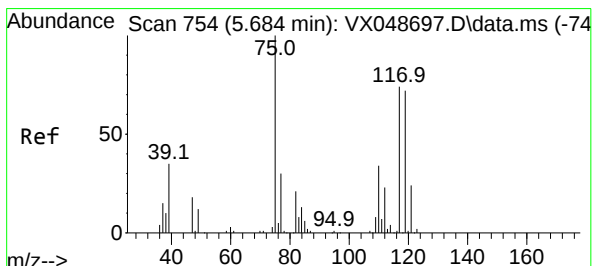
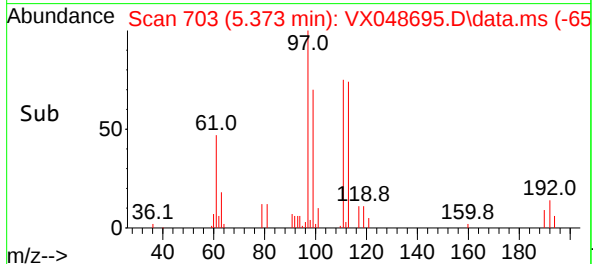
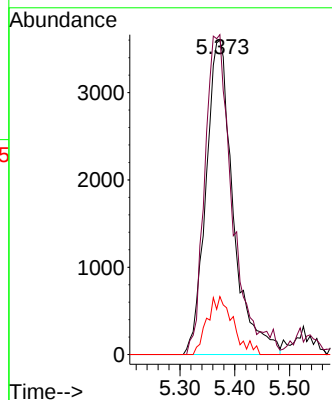
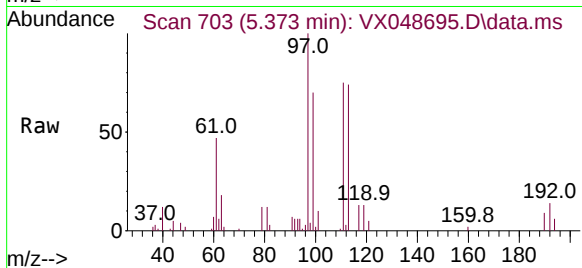
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	16.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 5.672 min Scan# 752

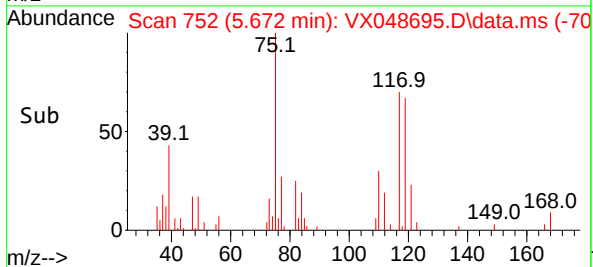
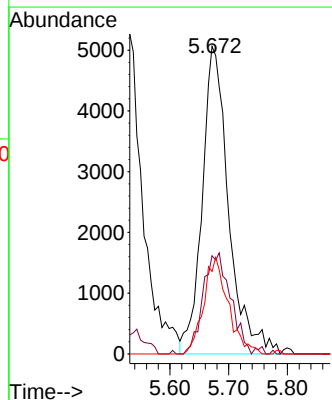
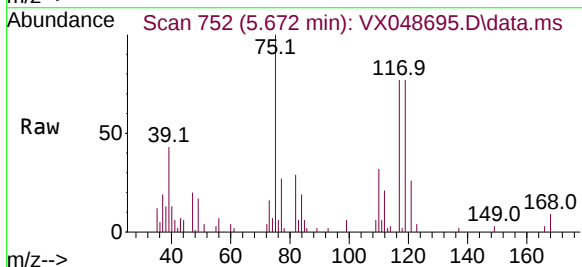
Delta R.T. -0.012 min

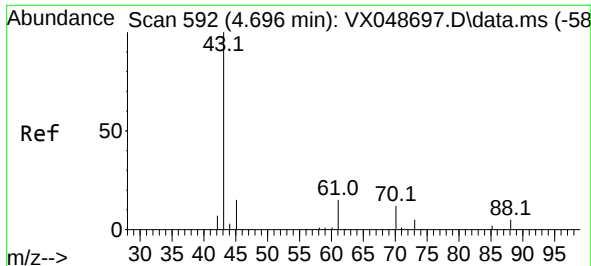
Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion: 75 Resp: 15867

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.3	51.9
77	29.0	24.9	37.3





#37

Ethyl Acetate

Concen: 4.491 ug/l

RT: 4.690 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

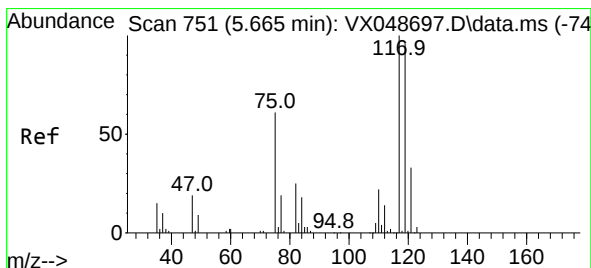
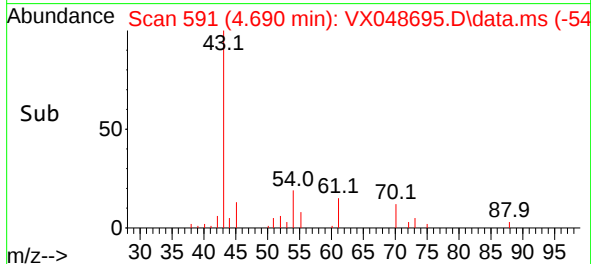
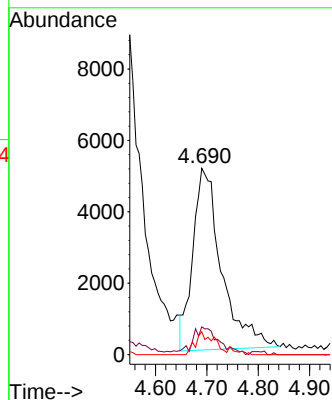
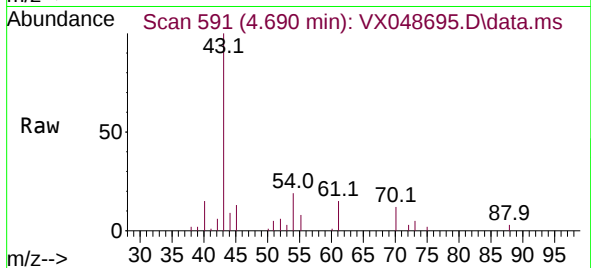
Tgt Ion: 43	Resp: 19726
Ion Ratio	Lower Upper
43 100	
61 13.8	9.4 14.0
70 8.1	7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 4.765 ug/l

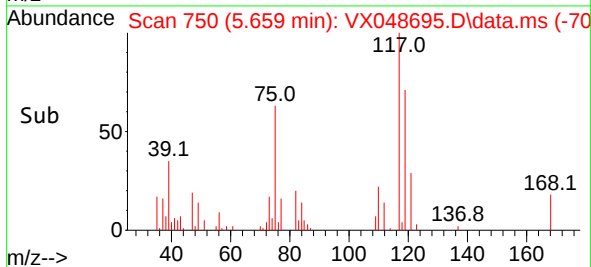
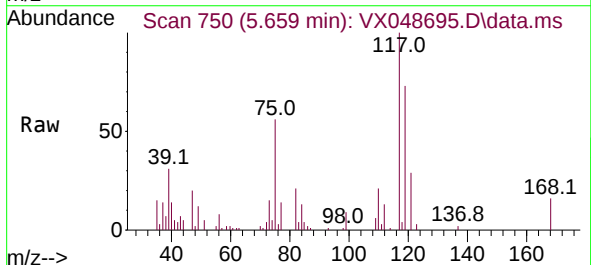
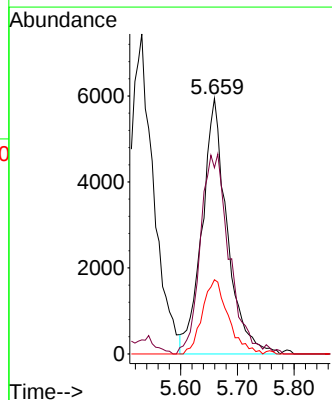
RT: 5.659 min Scan# 750

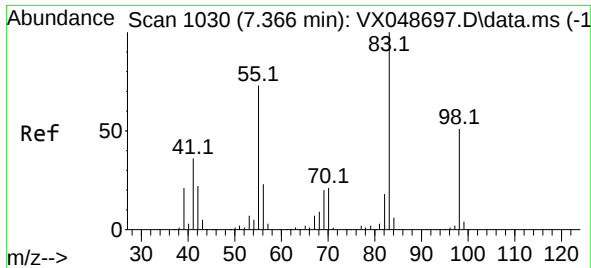
Delta R.T. -0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion: 117	Resp: 18217
Ion Ratio	Lower Upper
117 100	
119 71.6	76.0 114.0
121 29.0	26.1 39.1





#39
Methylcyclohexane
Concen: 4.266 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

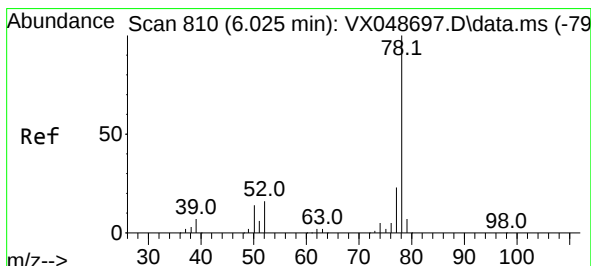
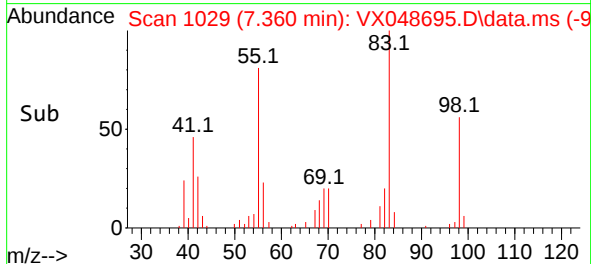
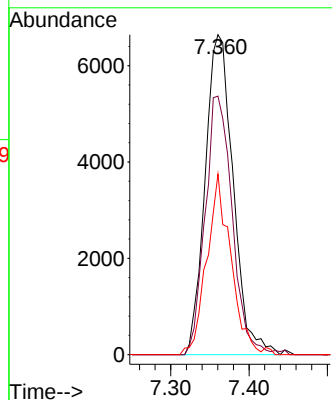
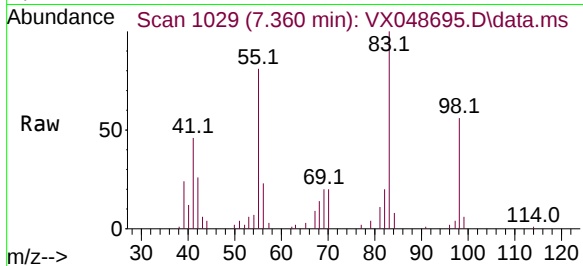
VSTDIC005

Tgt Ion: 83 Resp: 16518
Ion Ratio Lower Upper
83 100
55 80.8 58.2 87.2
98 56.4 41.2 61.8

Manual Integrations

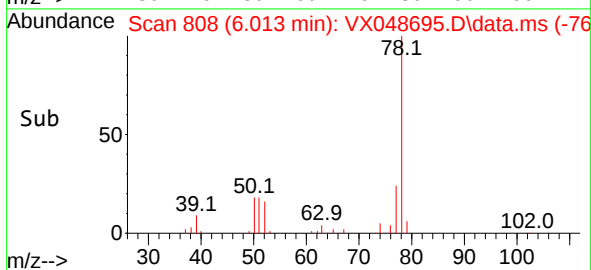
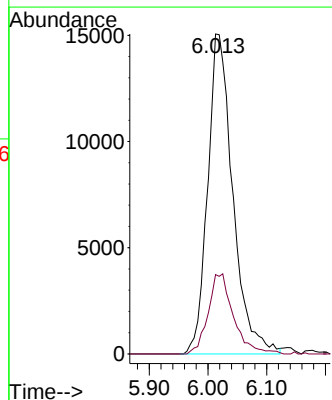
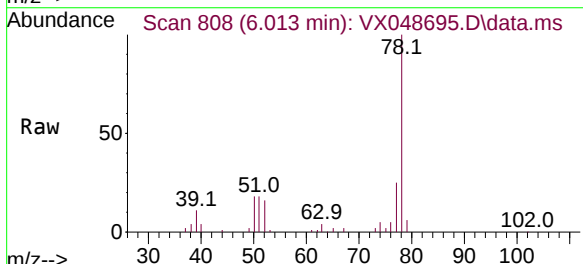
APPROVED

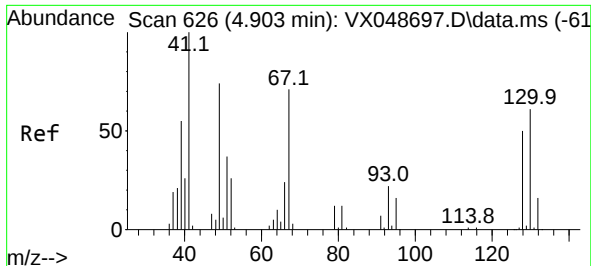
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 4.580 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 78 Resp: 44786
Ion Ratio Lower Upper
78 100
77 24.8 18.5 27.7





#41
Methacrylonitrile
Concen: 4.394 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

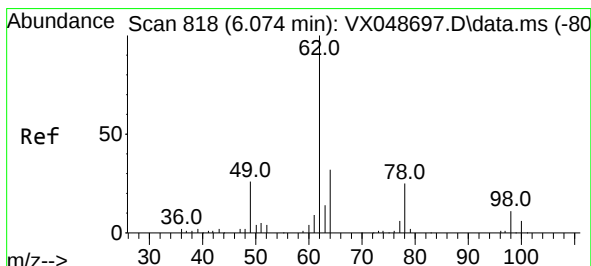
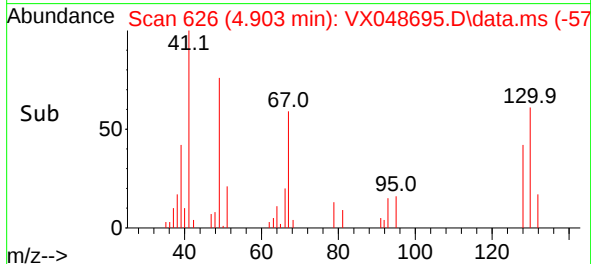
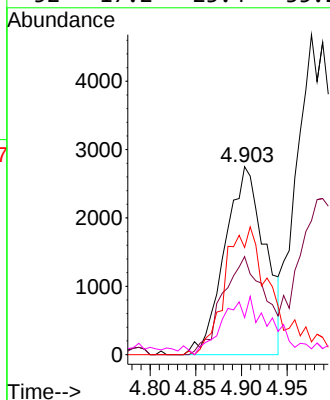
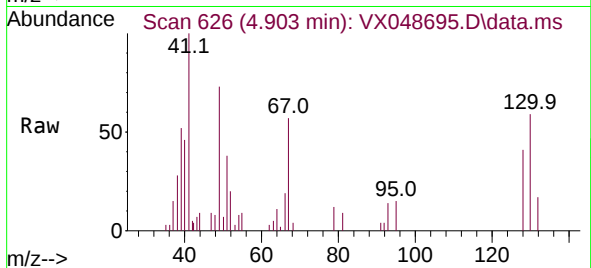
VSTDICC005

Tgt Ion: 41 Resp: 840
Ion Ratio Lower Upper
41 100
39 54.6 44.9 67.3
67 71.8 63.7 95.5
52 17.2 23.4 35.2#

Manual Integrations

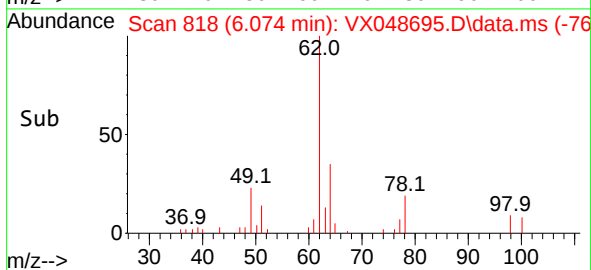
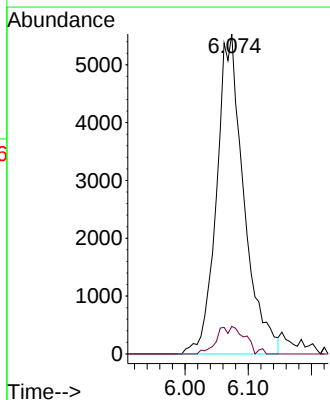
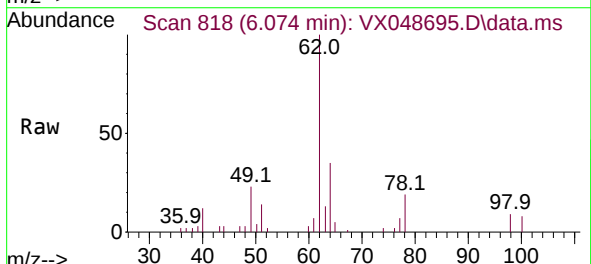
APPROVED

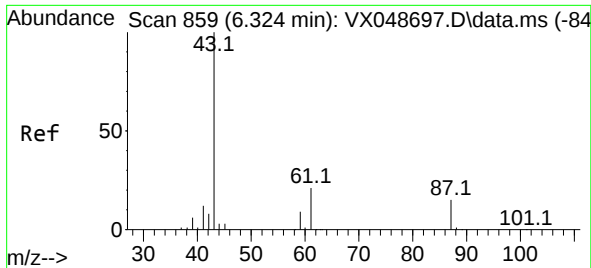
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 4.718 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

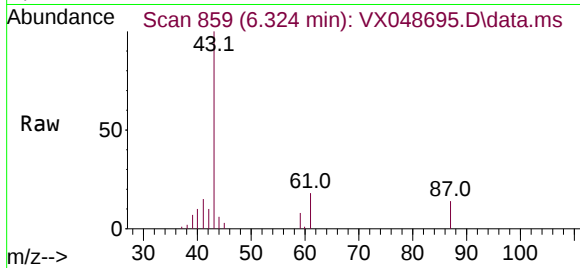
Tgt Ion: 62 Resp: 16566
Ion Ratio Lower Upper
62 100
98 4.0 0.0 20.0





#43
Isopropyl Acetate
Concen: 4.821 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

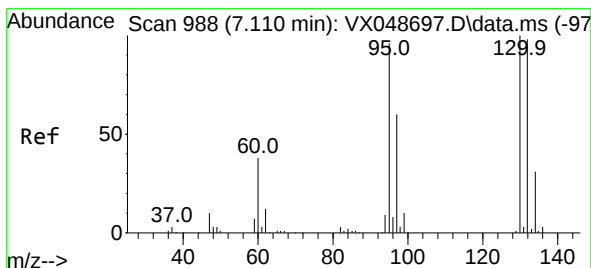
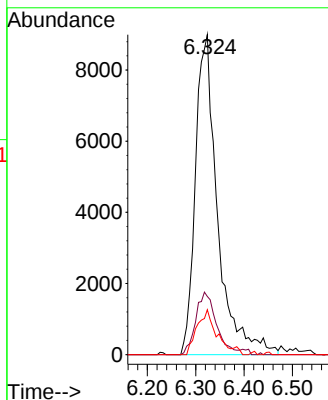
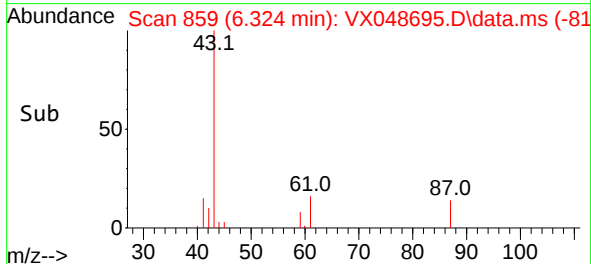
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



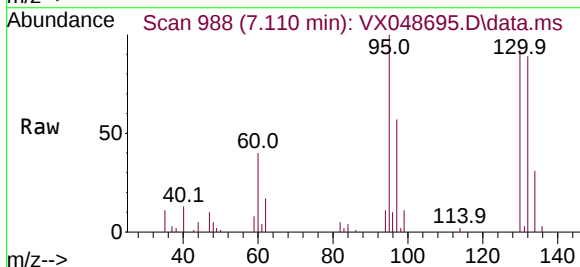
Tgt Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
61 18.1 17.3 25.9
87 12.0 11.8 17.6

Manual Integrations
APPROVED

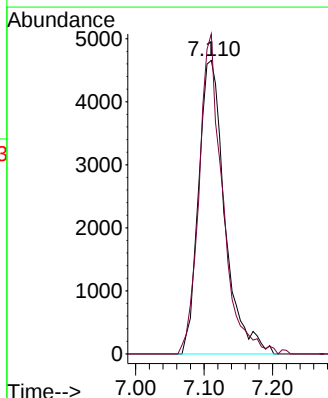
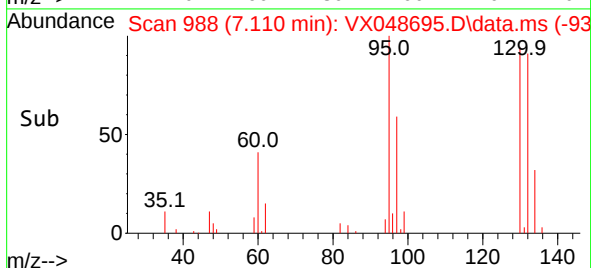
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

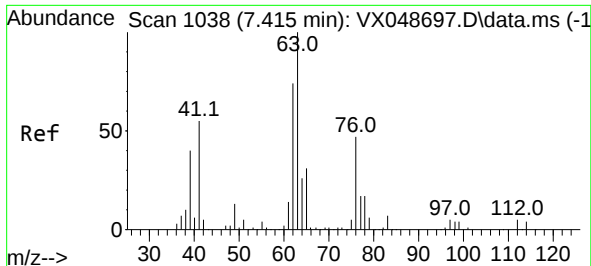


#44
Trichloroethene
Concen: 4.787 ug/l
RT: 7.110 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion:130 Resp: 12323
Ion Ratio Lower Upper
130 100
95 109.0 0.0 192.0





#45

1,2-Dichloropropane

Concen: 4.565 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1091

Ion Ratio Lower Upper

63 100

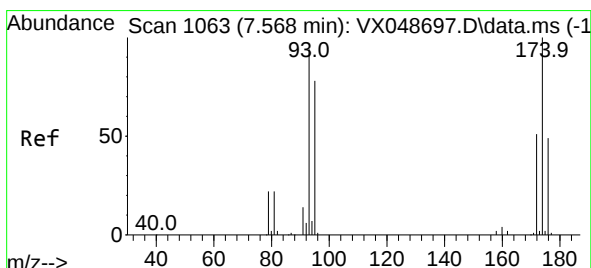
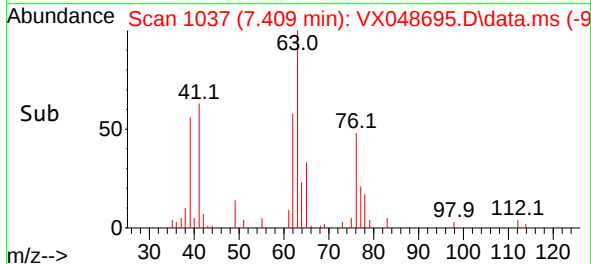
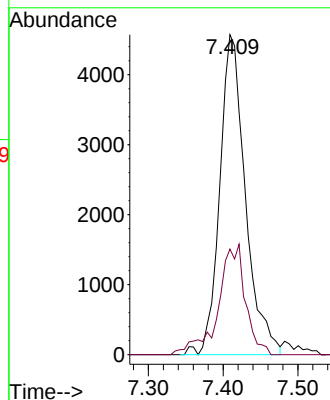
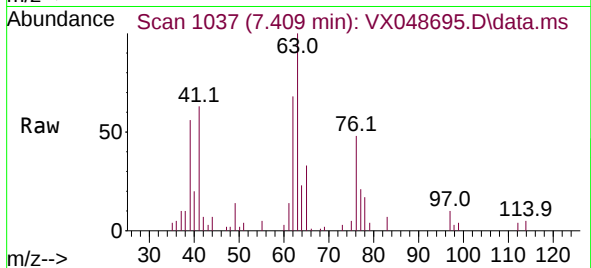
65 33.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 4.987 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

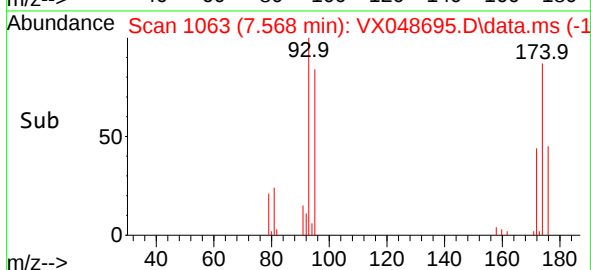
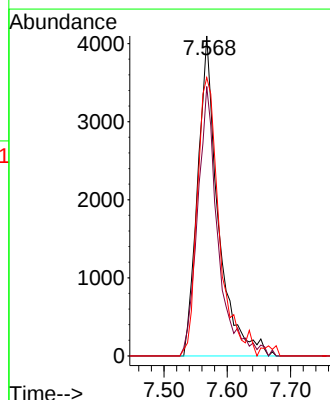
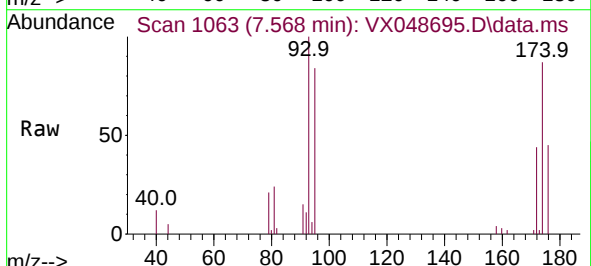
Tgt Ion: 93 Resp: 9170

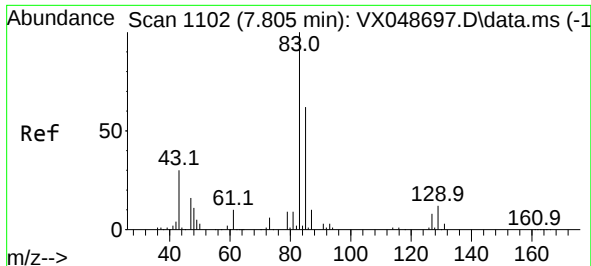
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 93.6 86.1 129.1





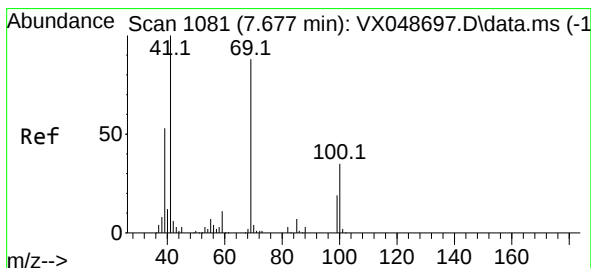
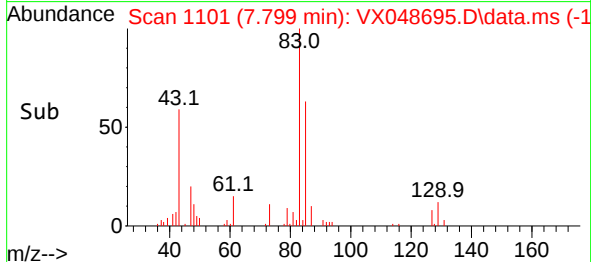
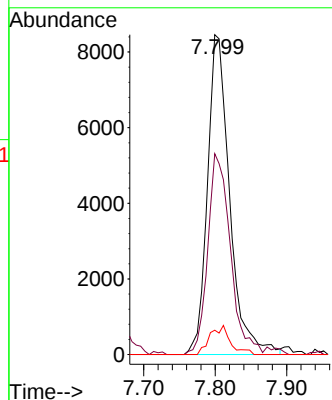
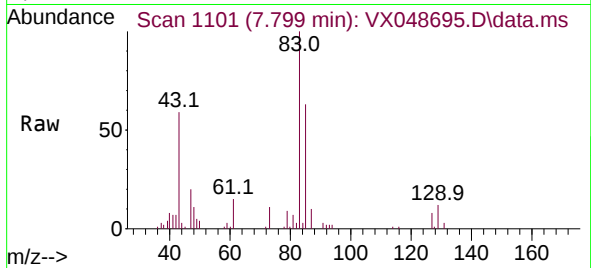
#47
Bromodichloromethane
Concen: 4.861 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 18325
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.8
127 7.6 6.7 10.1

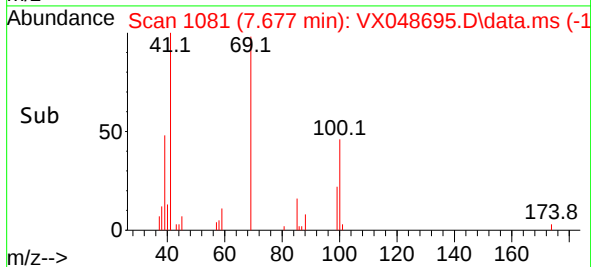
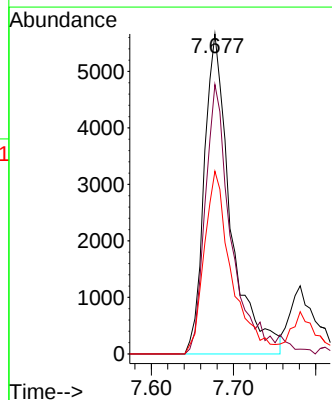
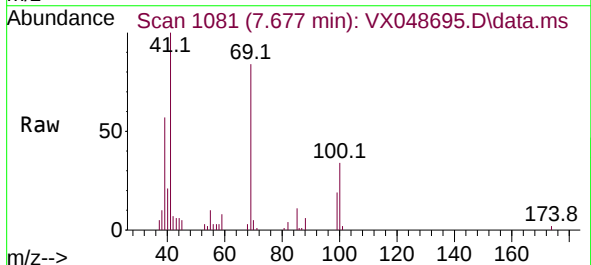
Manual Integrations
APPROVED

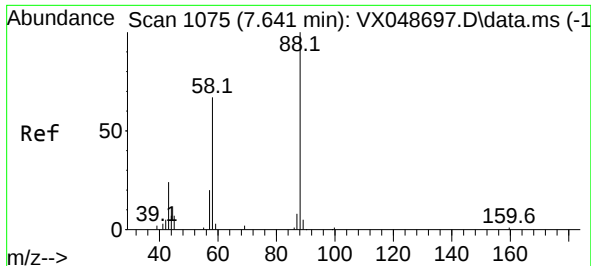
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 4.468 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

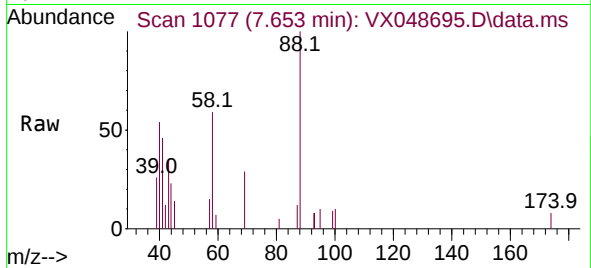
Tgt Ion: 41 Resp: 12661
Ion Ratio Lower Upper
41 100
69 81.5 70.9 106.3
39 58.9 42.0 63.0





#49
1,4-Dioxane
Concen: 95.885 ug/l m
RT: 7.653 min Scan# 1075
Delta R.T. 0.012 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

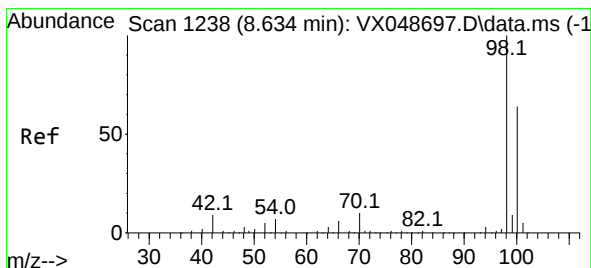
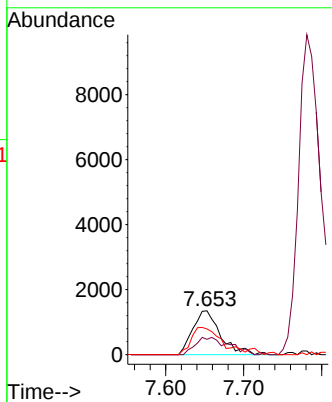
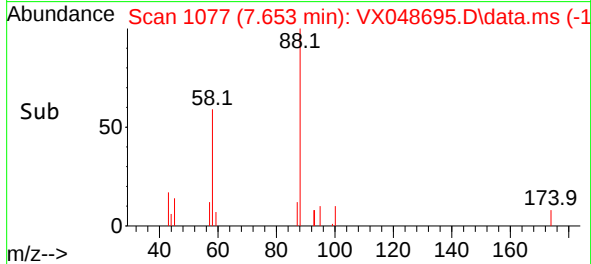
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 3323
Ion Ratio Lower Upper
88 100
43 47.2 27.9 41.9
58 66.6 54.9 82.3

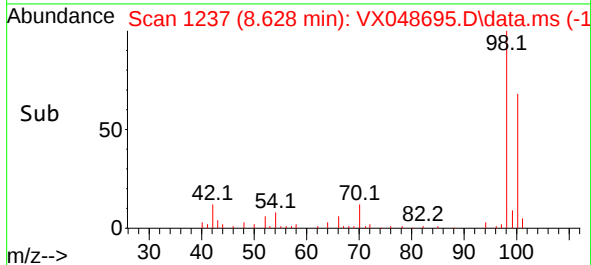
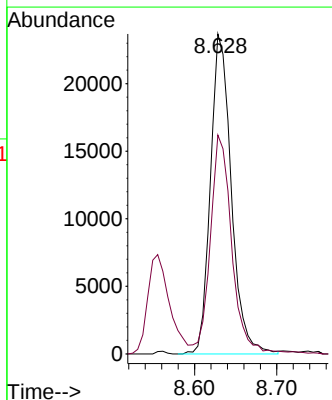
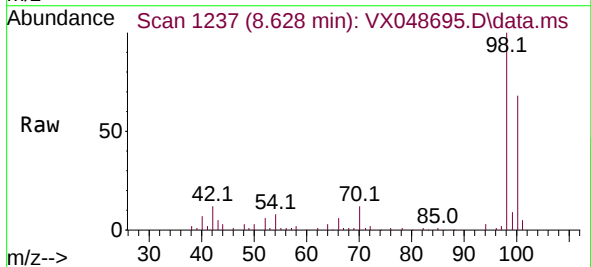
Manual Integrations
APPROVED

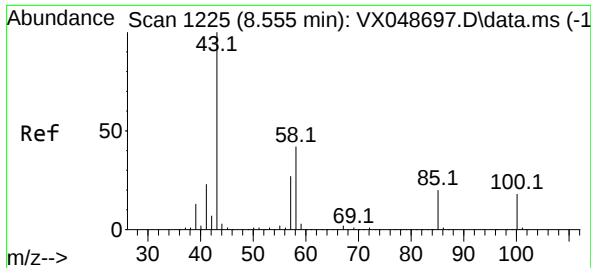
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#50
Toluene-d8
Concen: 4.934 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 98 Resp: 41661
Ion Ratio Lower Upper
98 100
100 71.1 53.4 80.2





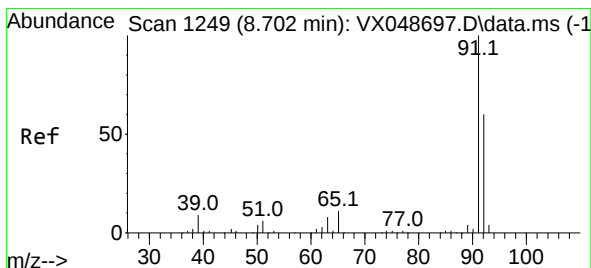
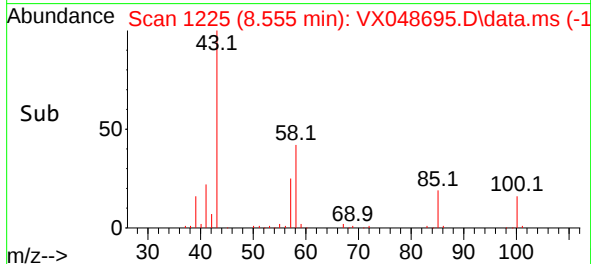
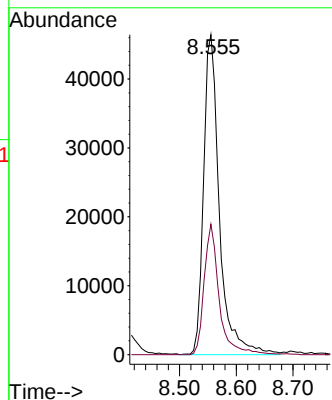
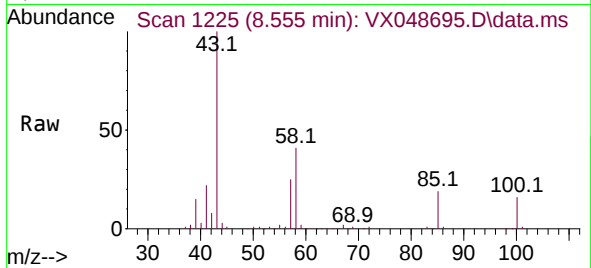
#51
4-Methyl-2-Pentanone
Concen: 24.067 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 89970
Ion Ratio Lower Upper
43 100
58 38.7 33.6 50.4

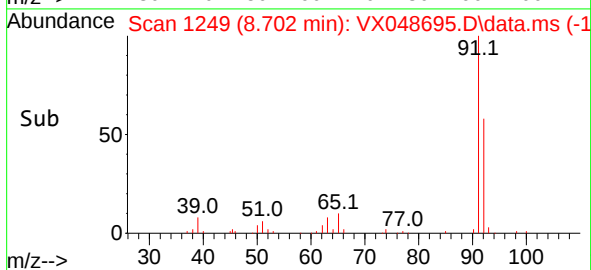
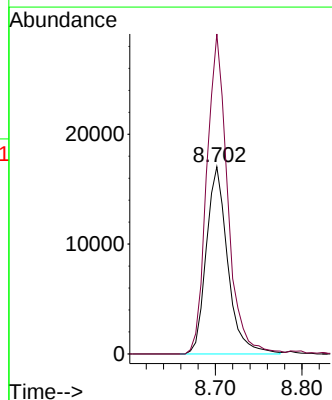
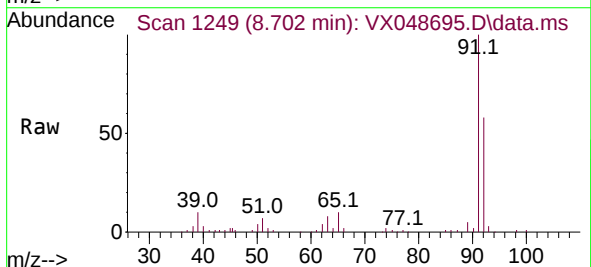
Manual Integrations
APPROVED

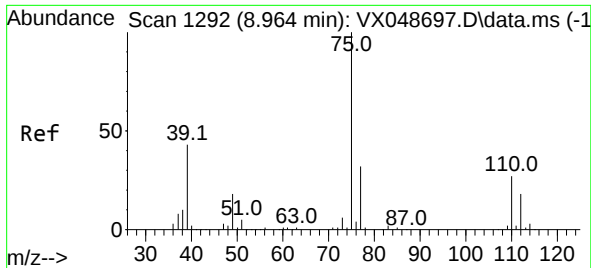
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 4.889 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 92 Resp: 29336
Ion Ratio Lower Upper
92 100
91 166.4 134.7 202.1





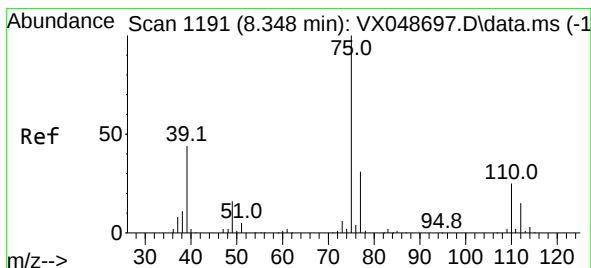
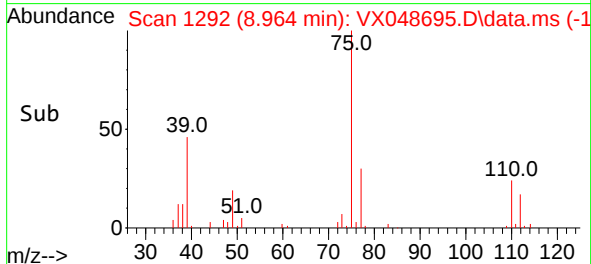
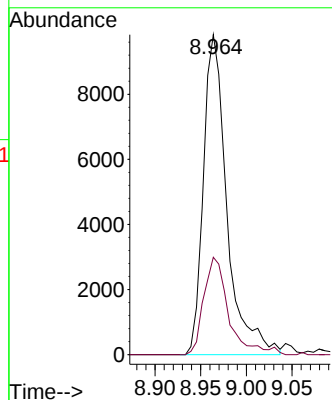
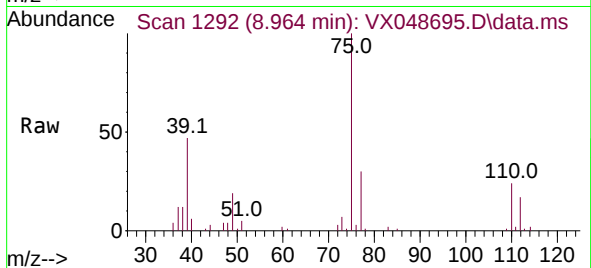
#53
t-1,3-Dichloropropene
Concen: 4.702 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 17643
Ion Ratio Lower Upper
75 100
77 30.4 25.9 38.9

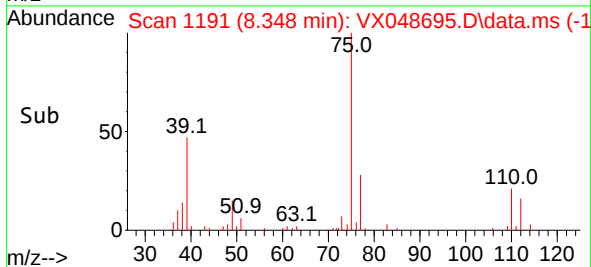
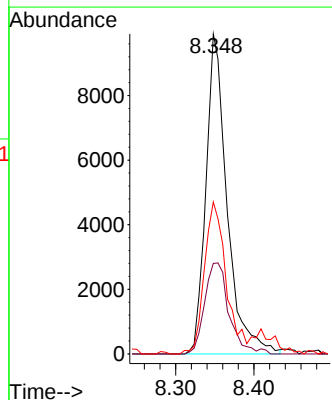
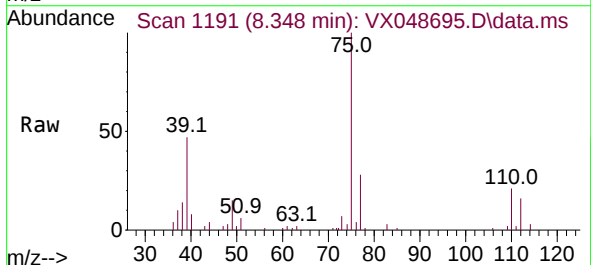
Manual Integrations
APPROVED

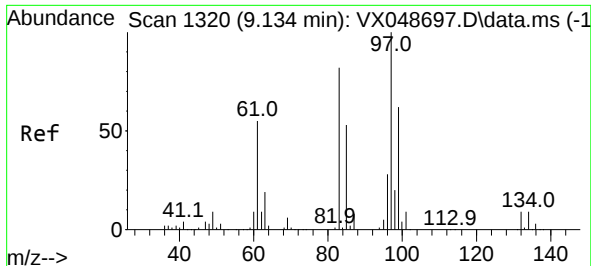
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 4.679 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 75 Resp: 18621
Ion Ratio Lower Upper
75 100
77 28.3 25.1 37.7
39 47.5 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 4.891 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

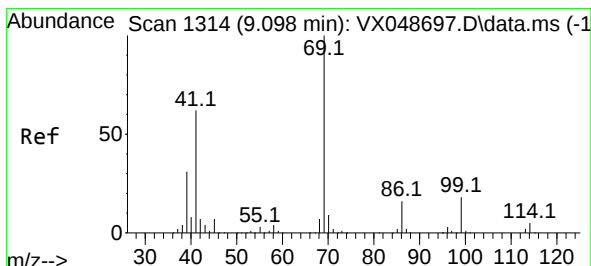
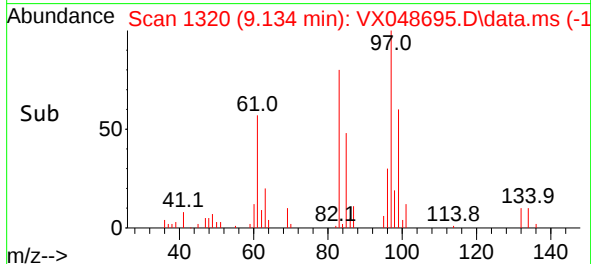
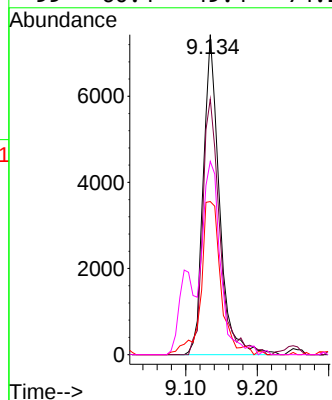
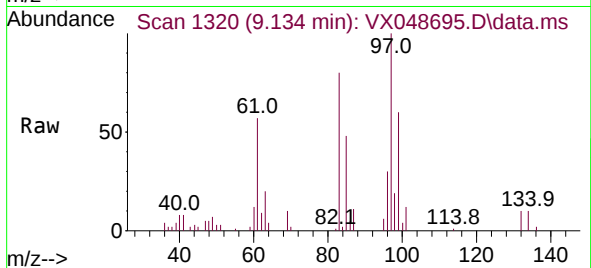
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.8	98.6
85	47.8	42.5	63.7
99	60.4	49.4	74.2

Manual Integrations

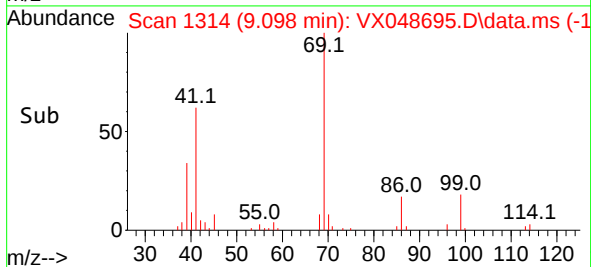
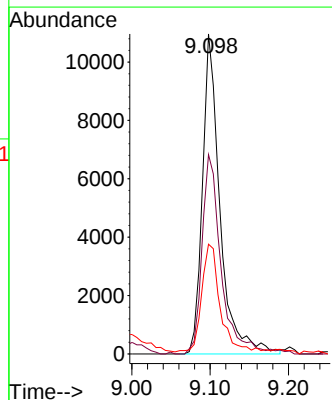
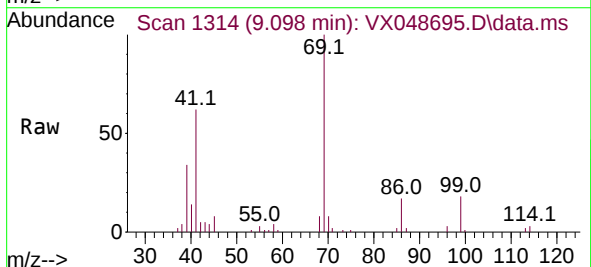
APPROVED

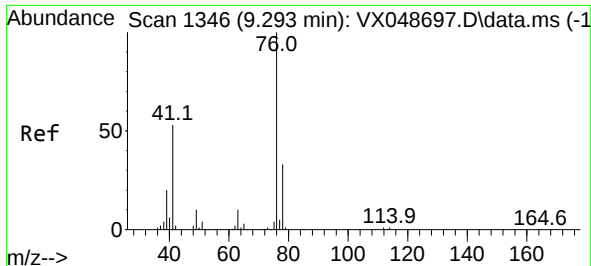
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 4.479 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	49.0	73.6
39	35.5	25.1	37.7





#57

1,3-Dichloropropane

Concen: 4.938 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 19764

Ion Ratio Lower Upper

76 100

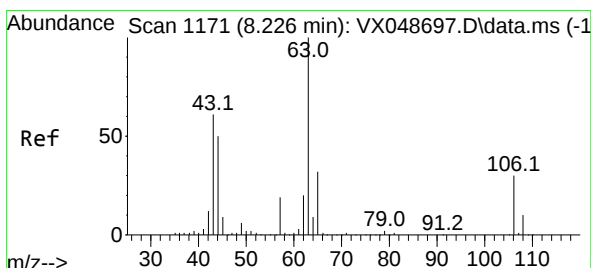
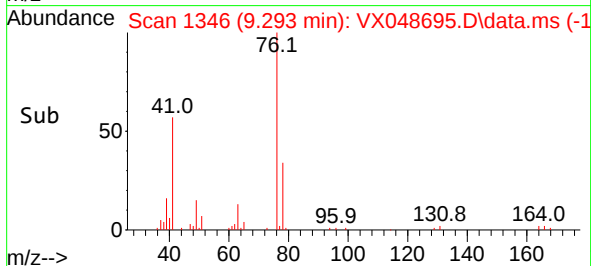
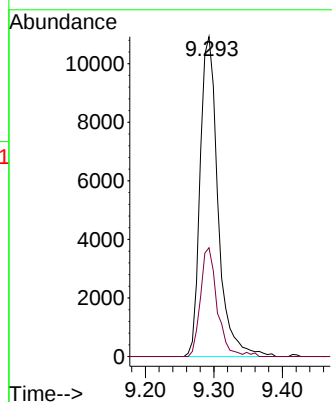
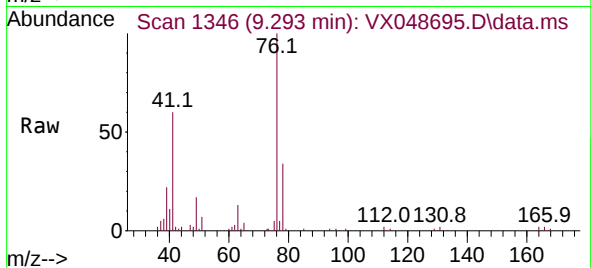
78 31.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 21.596 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048695.D

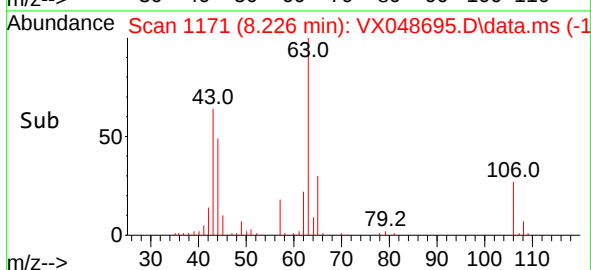
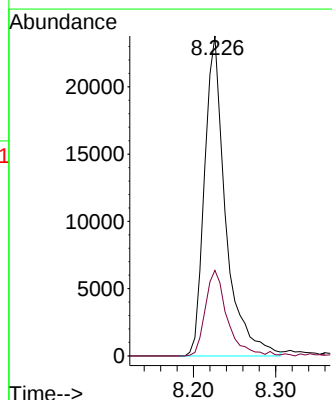
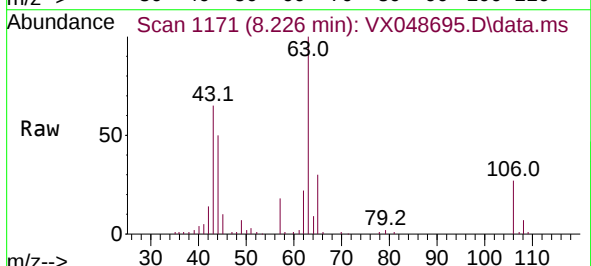
Acq: 03 Dec 2025 09:10

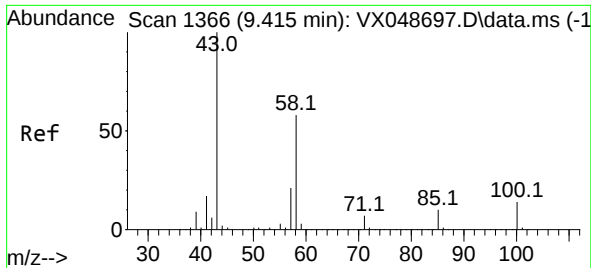
Tgt Ion: 63 Resp: 42434

Ion Ratio Lower Upper

63 100

106 27.7 24.6 37.0





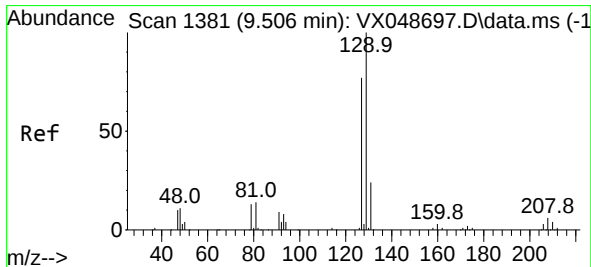
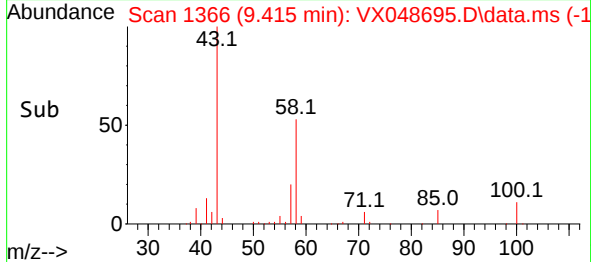
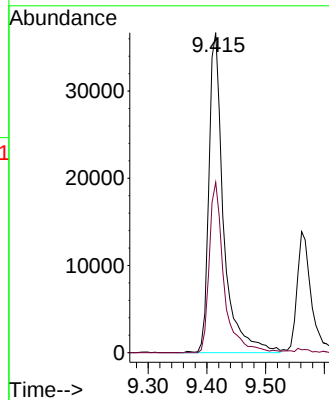
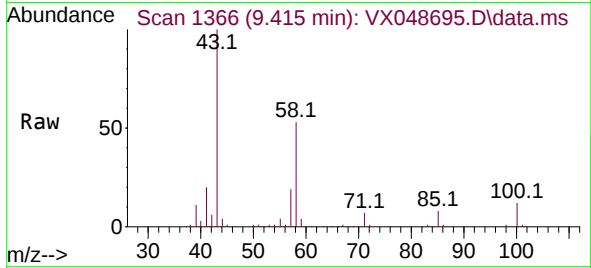
#59
2-Hexanone
Concen: 23.709 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 63592
Ion Ratio Lower Upper
43 100
58 53.0 28.8 86.5

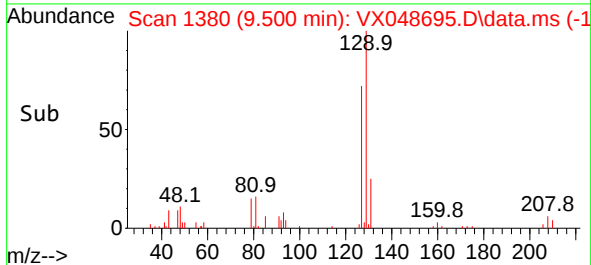
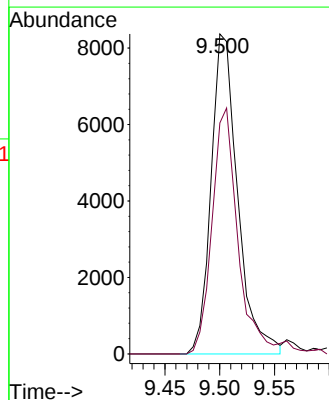
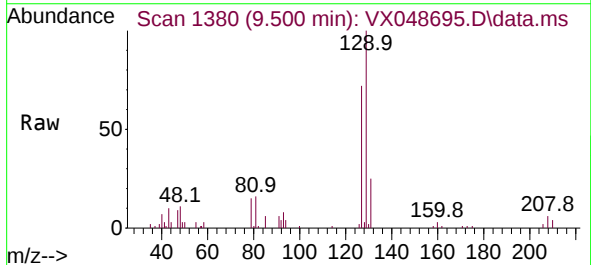
Manual Integrations
APPROVED

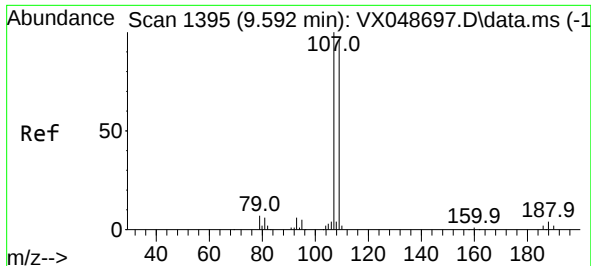
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 4.757 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion:129 Resp: 14115
Ion Ratio Lower Upper
129 100
127 73.6 38.0 113.9





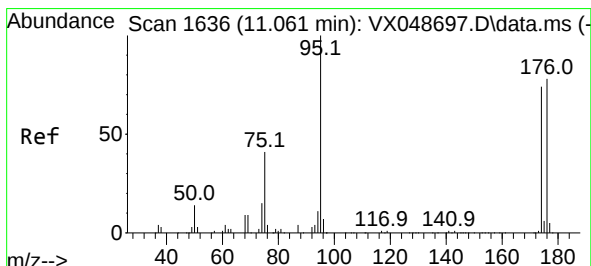
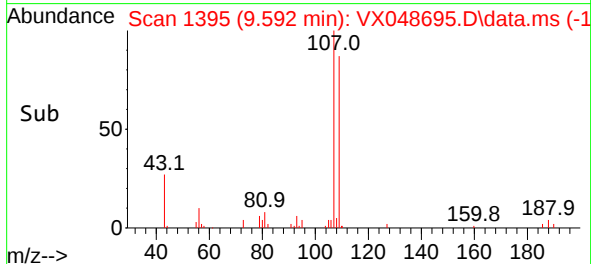
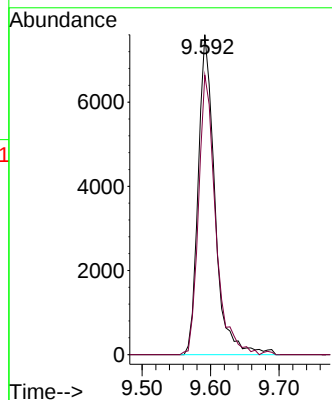
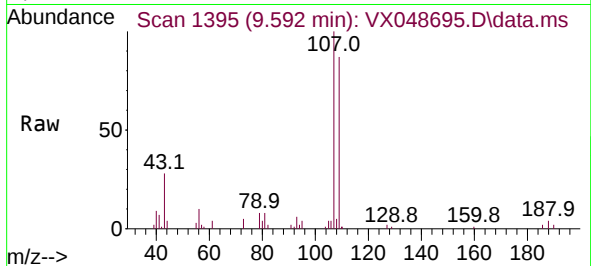
#61
1,2-Dibromoethane
Concen: 4.859 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 12782
Ion Ratio Lower Upper
107 100
109 89.3 75.5 113.3

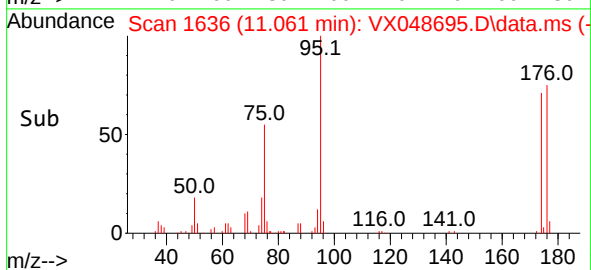
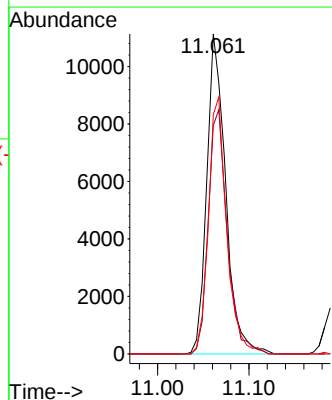
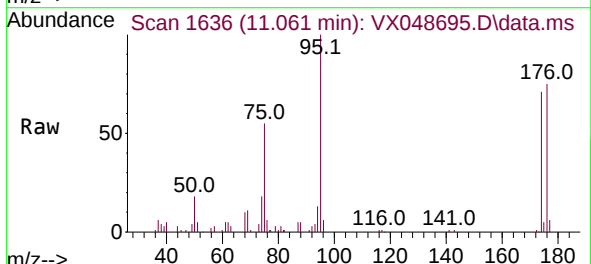
Manual Integrations
APPROVED

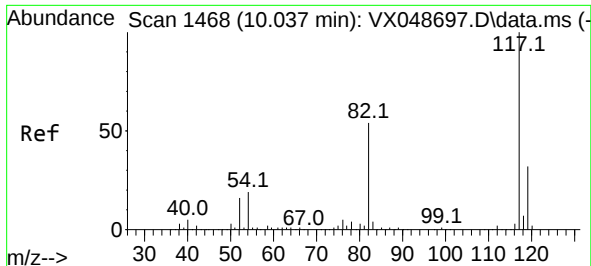
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 5.139 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

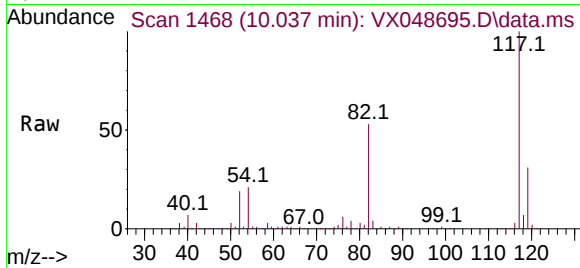
Tgt Ion: 95 Resp: 15922
Ion Ratio Lower Upper
95 100
174 77.2 0.0 164.6
176 77.7 0.0 163.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

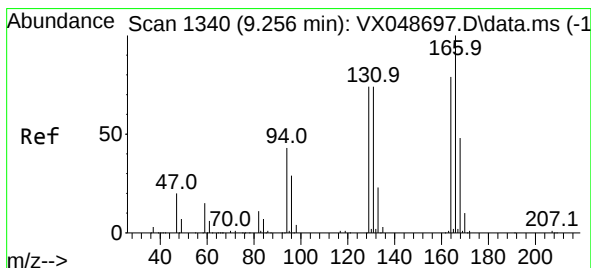
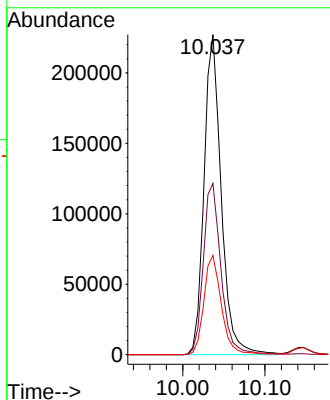
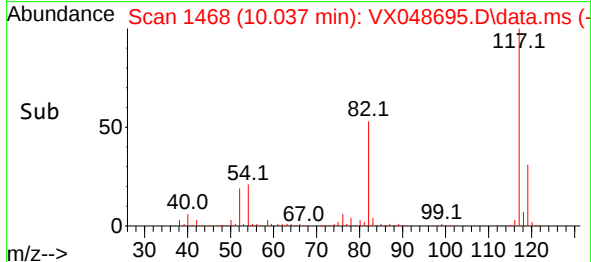
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 330205
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 31.0 25.3 37.9

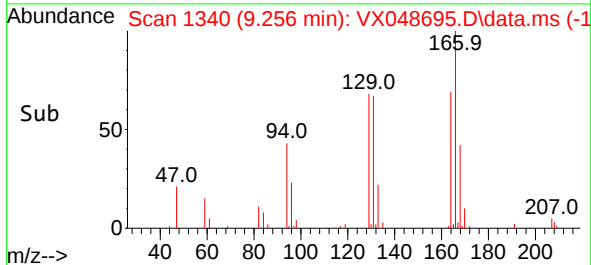
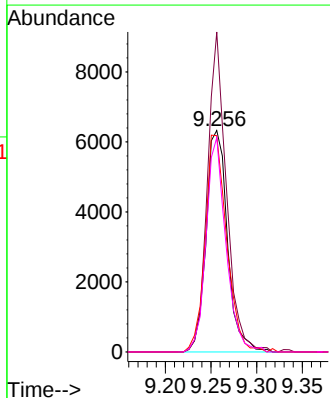
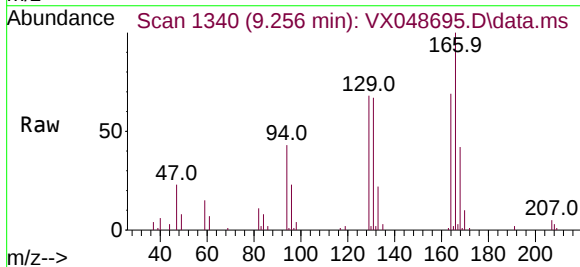
Manual Integrations
APPROVED

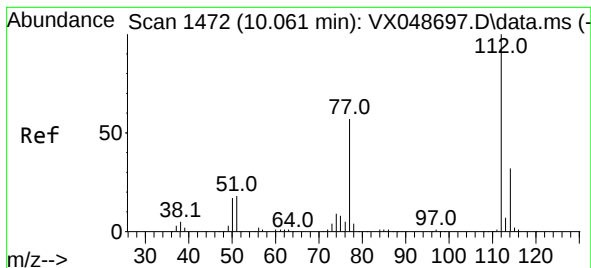
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 4.526 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion:164 Resp: 10264
Ion Ratio Lower Upper
164 100
166 144.6 101.4 152.2
129 97.7 75.5 113.3
131 96.8 75.4 113.2





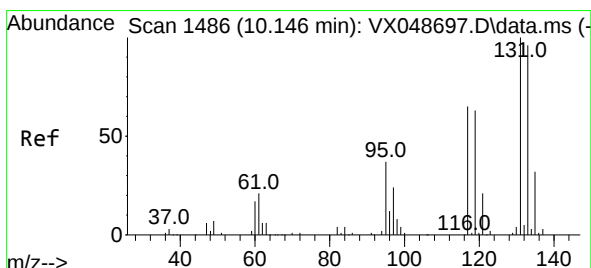
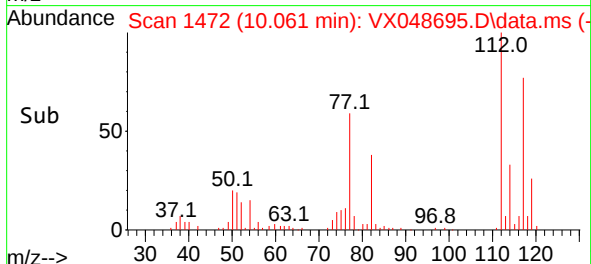
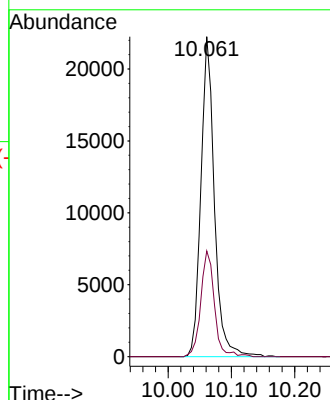
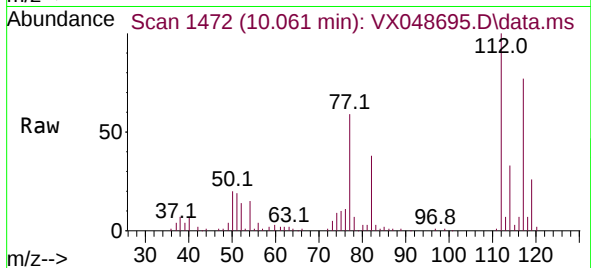
#65
Chlorobenzene
Concen: 4.682 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 32752
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4

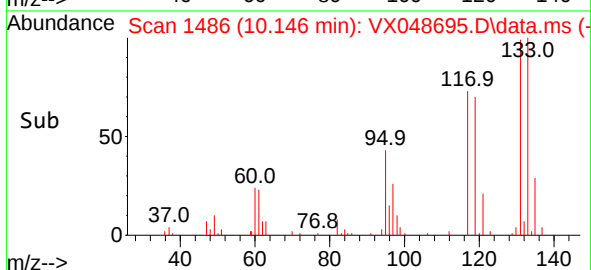
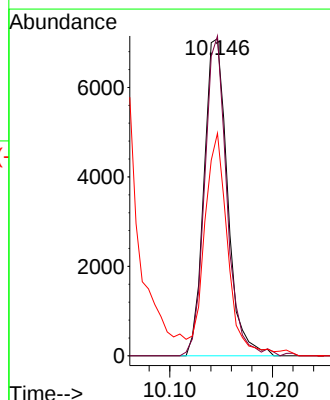
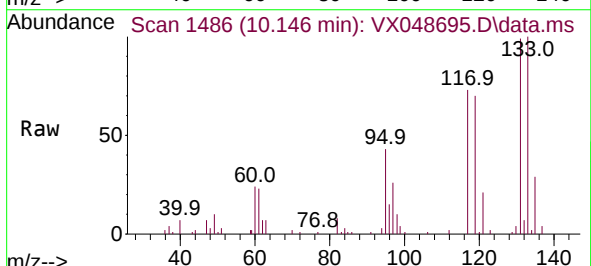
Manual Integrations
APPROVED

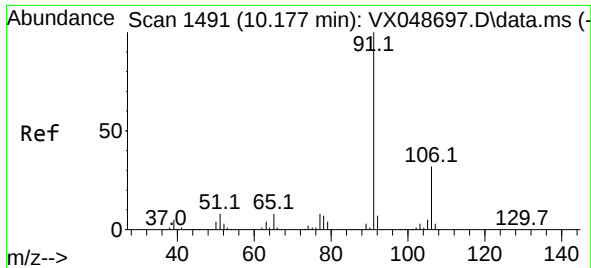
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.628 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

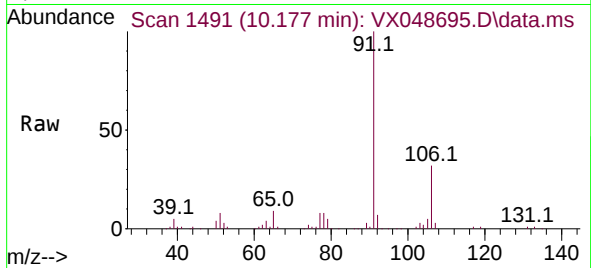
Tgt Ion:131 Resp: 11263
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 69.8 32.1 96.5





#67
Ethyl Benzene
Concen: 4.606 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

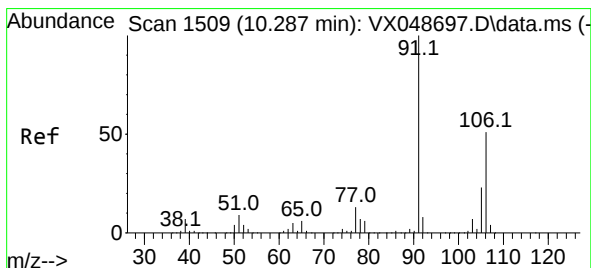
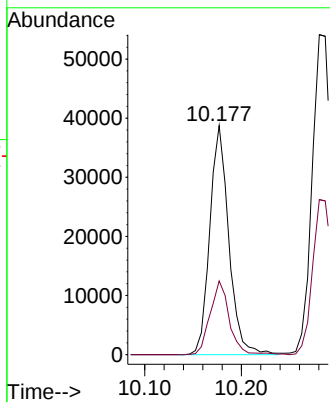
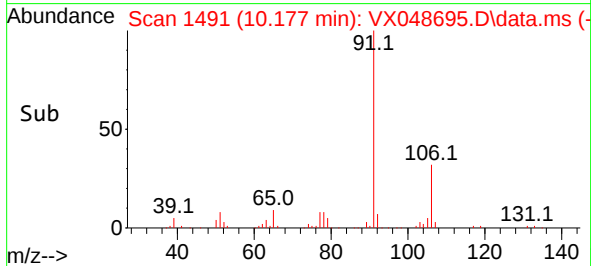
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



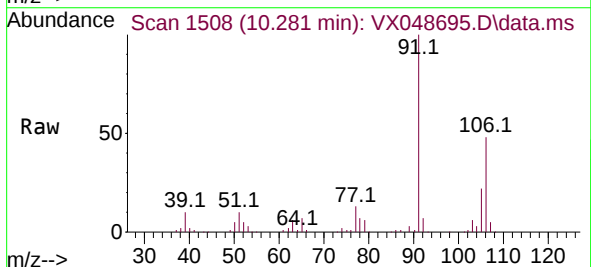
Tgt Ion: 91 Resp: 52936
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4

Manual Integrations
APPROVED

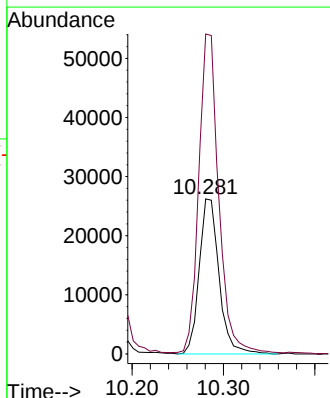
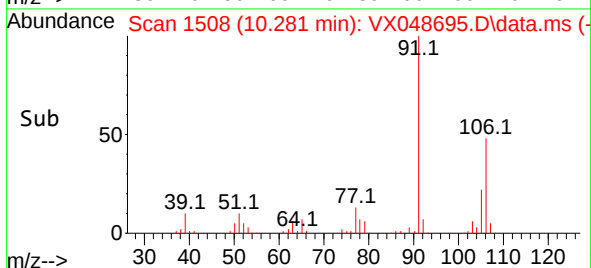
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

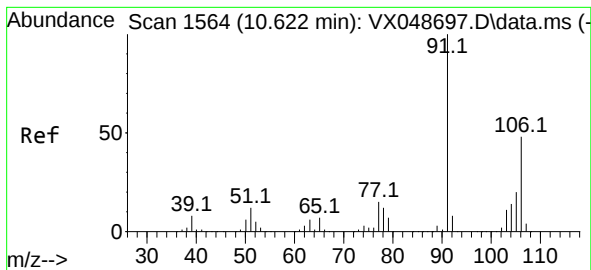


#68
m/p-Xylenes
Concen: 8.937 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion:106 Resp: 39563
Ion Ratio Lower Upper
106 100
91 206.7 161.0 241.6





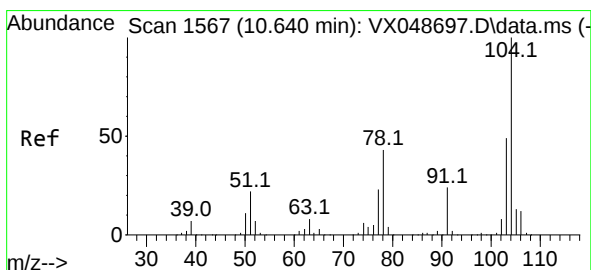
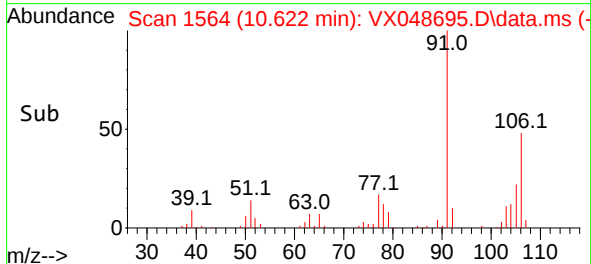
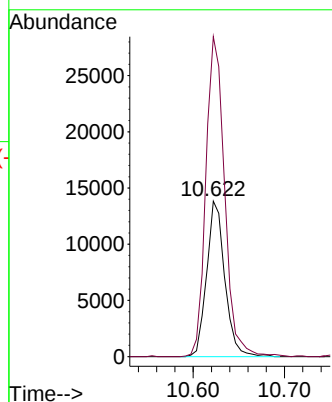
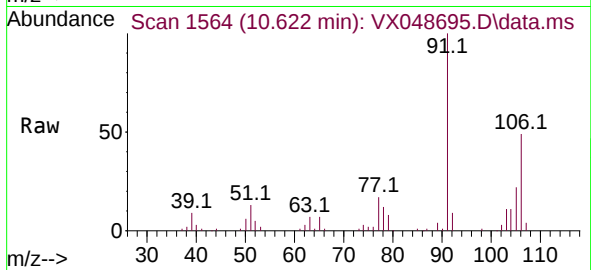
#69
o-Xylene
Concen: 4.489 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 19145
Ion Ratio Lower Upper
106 100
91 212.7 106.1 318.3

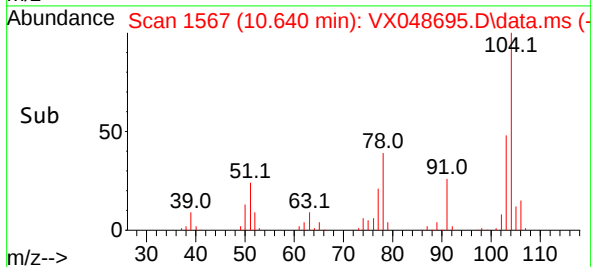
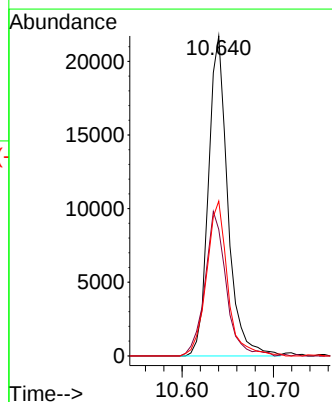
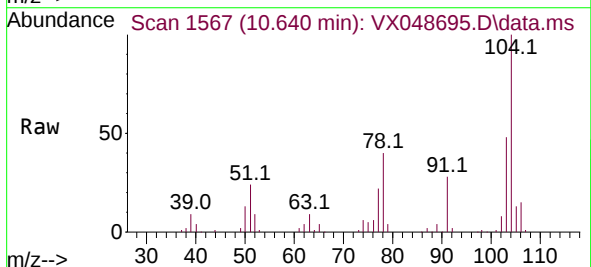
Manual Integrations
APPROVED

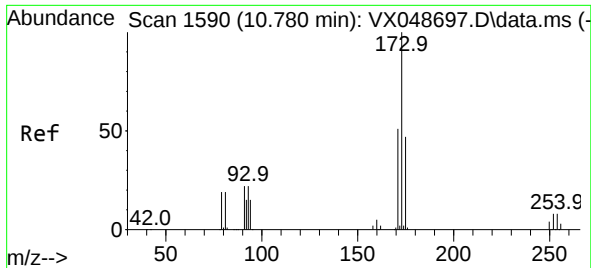
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 4.466 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

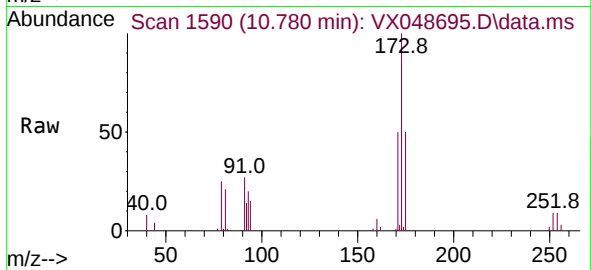
Tgt Ion:104 Resp: 32011
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 52.8 43.0 64.4





#71
Bromoform
Concen: 4.502 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

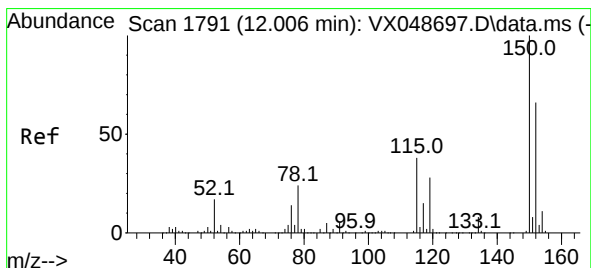
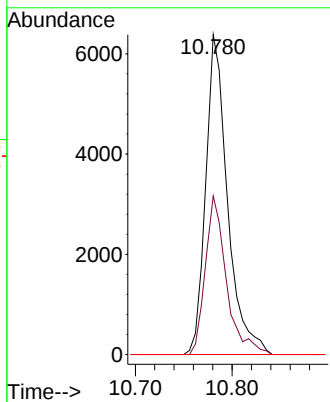
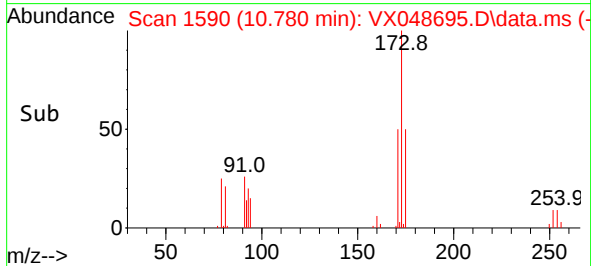
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 9980
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.1 0.1

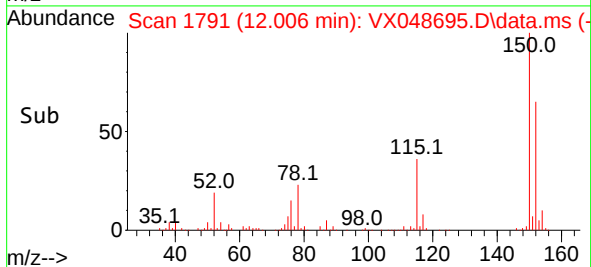
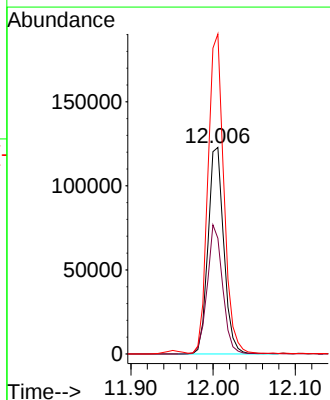
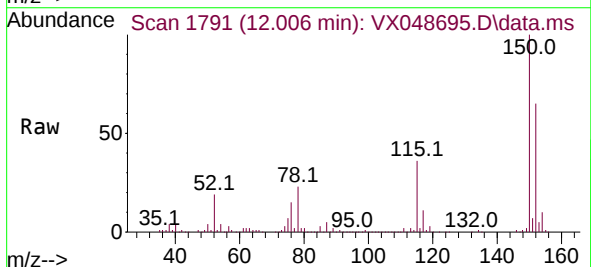
Manual Integrations
APPROVED

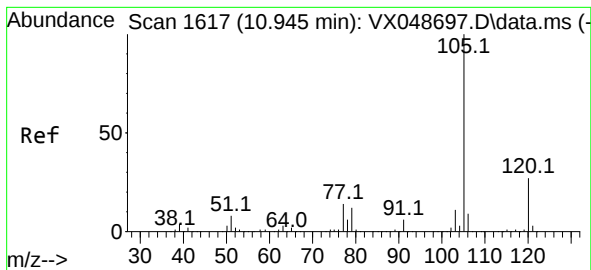
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion:152 Resp: 163167
Ion Ratio Lower Upper
152 100
115 61.0 39.6 119.0
150 156.7 0.0 345.4





#73

Isopropylbenzene

Concen: 4.388 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 4785

Ion Ratio Lower Upper

105 100

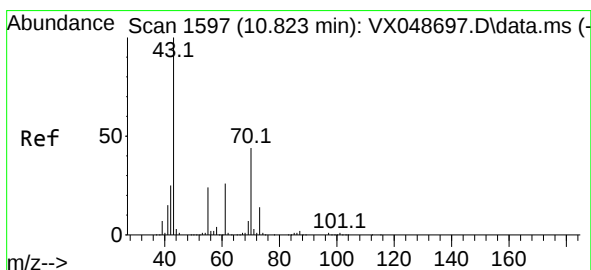
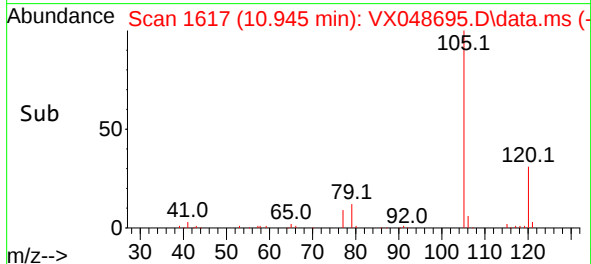
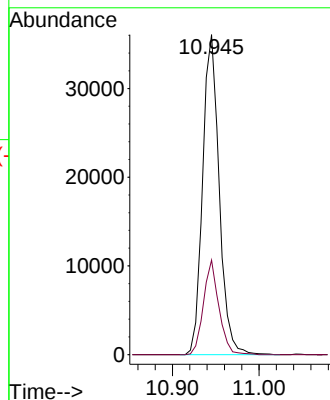
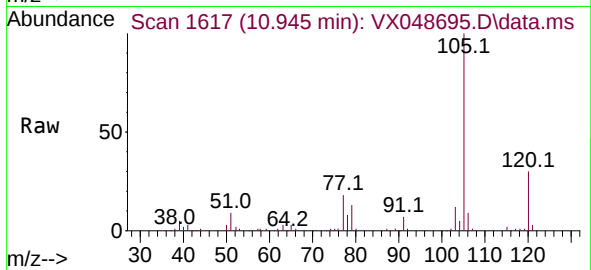
120 27.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 4.343 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. 0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion: 43 Resp: 21380

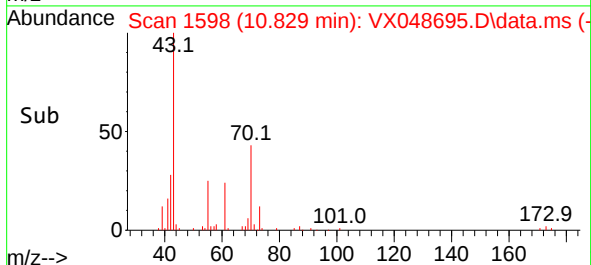
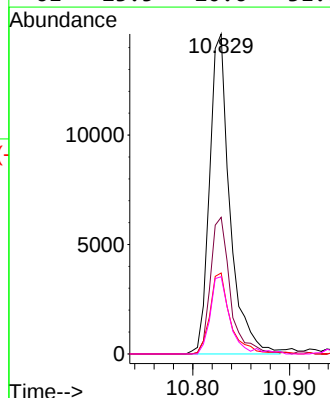
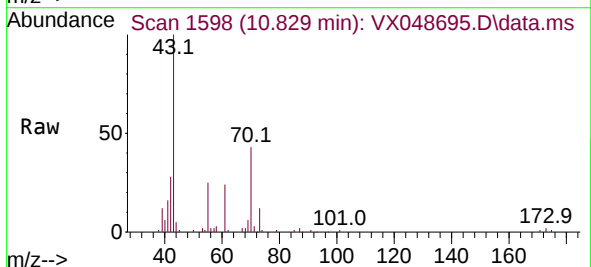
Ion Ratio Lower Upper

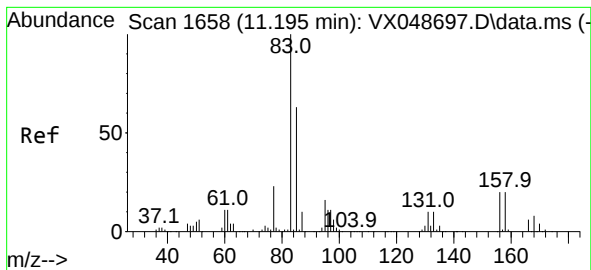
43 100

70 41.7 37.0 55.6

55 25.3 20.0 30.0

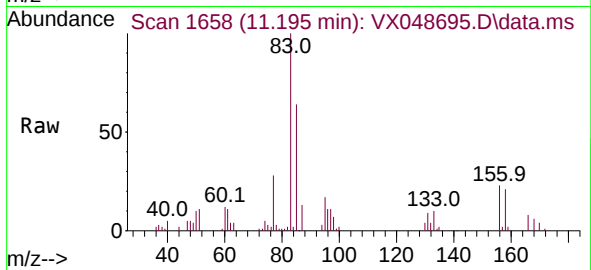
61 23.5 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 4.668 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

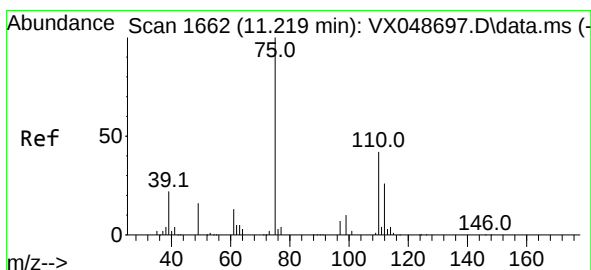
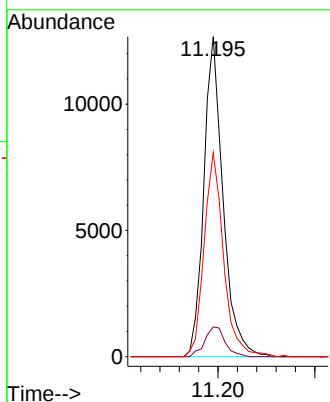
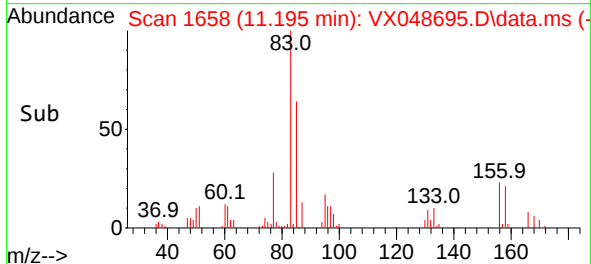
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



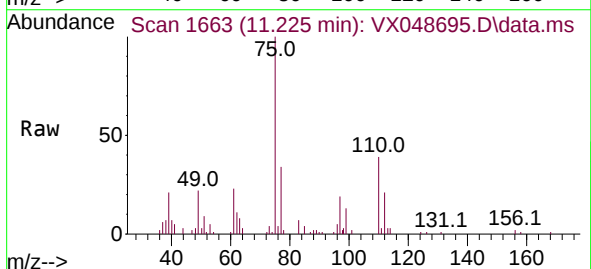
Tgt Ion: 83 Resp: 17431
Ion Ratio Lower Upper
83 100
131 9.8 5.3 16.1
85 64.6 32.0 96.0

Manual Integrations
APPROVED

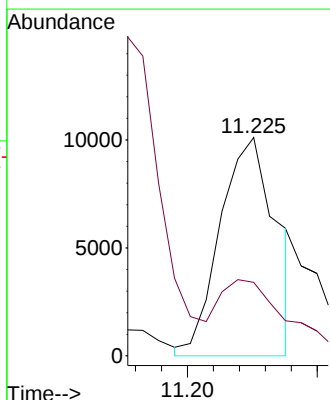
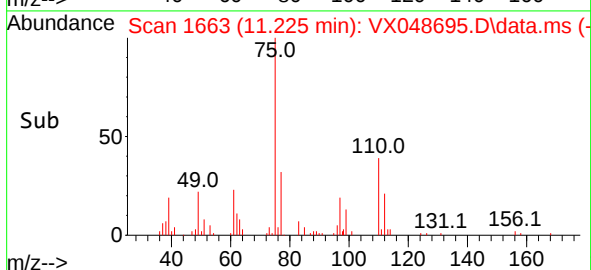
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

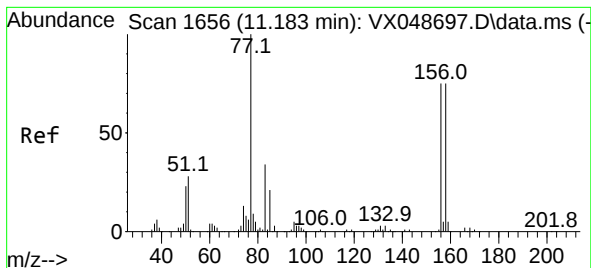


#76
1,2,3-Trichloropropane
Concen: 3.781 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion: 75 Resp: 15179
Ion Ratio Lower Upper
75 100
77 41.8 19.0 57.0





#77

Bromobenzene

Concen: 4.654 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

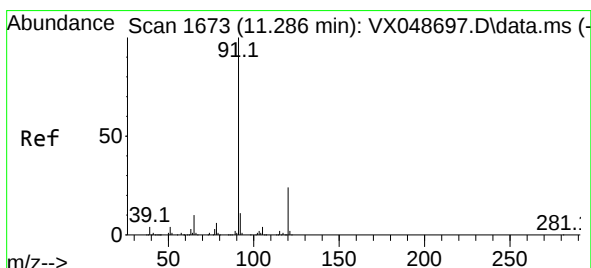
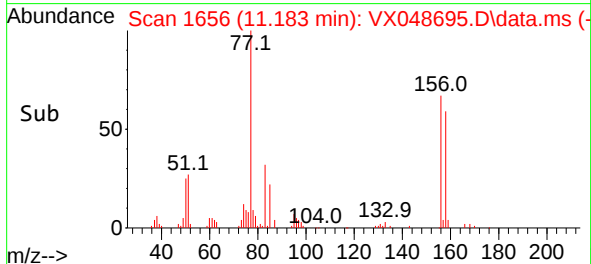
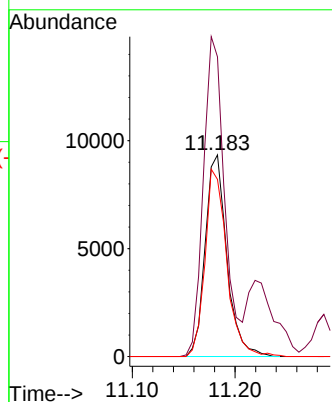
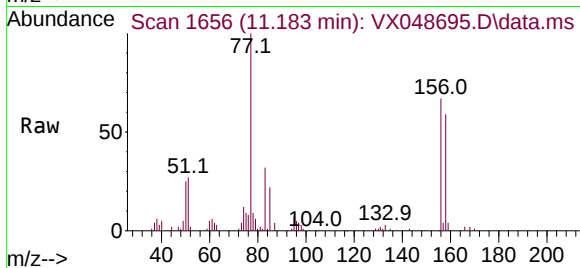
Tgt Ion:	156	Resp:	13678
Ion Ratio	Lower	Upper	
156	100		
77	154.9	74.9	224.6
158	93.5	49.5	148.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#78

n-propylbenzene

Concen: 4.386 ug/l

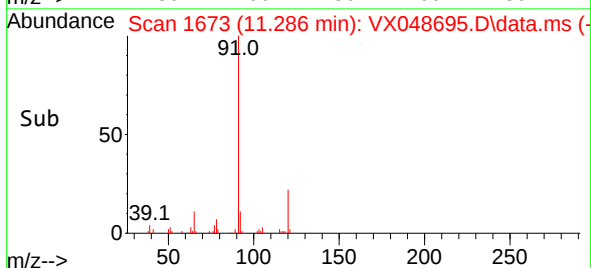
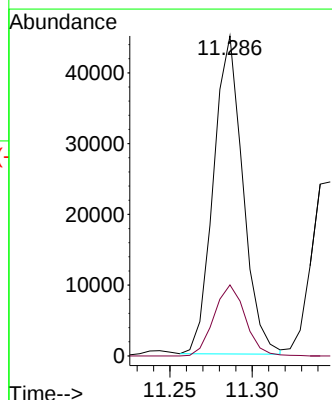
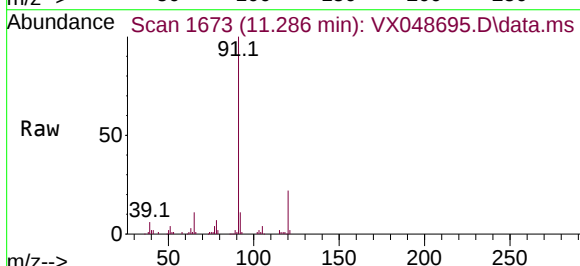
RT: 11.286 min Scan# 1673

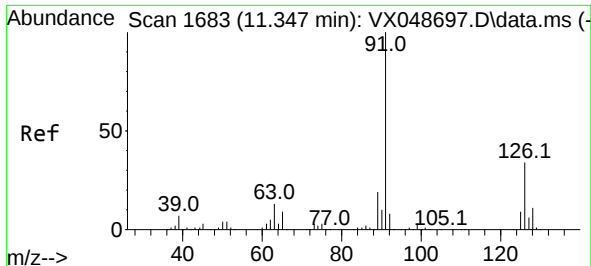
Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion:	91	Resp:	56015
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.7





#79
2-Chlorotoluene
Concen: 4.501 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

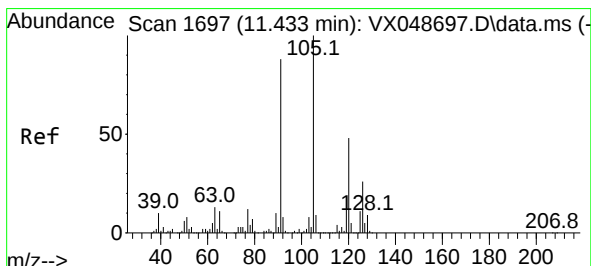
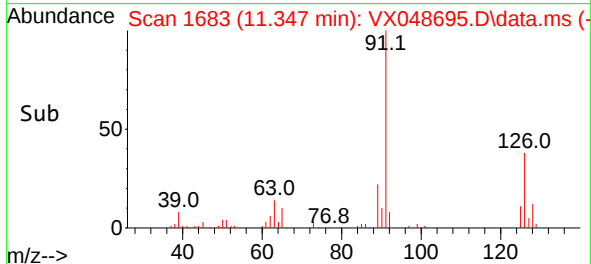
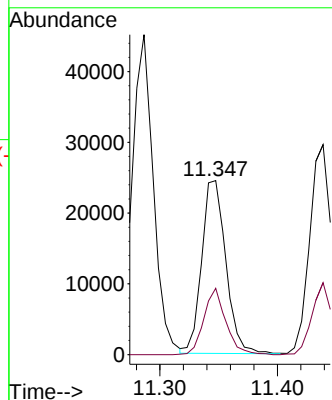
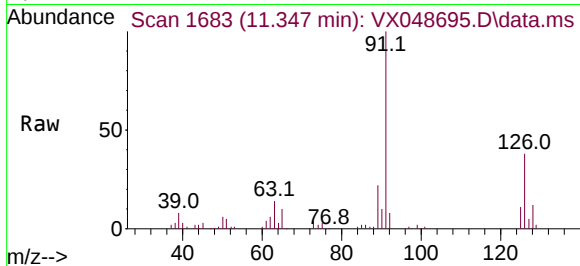
VSTDIC005

Tgt Ion: 91 Resp: 34935
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

Manual Integrations

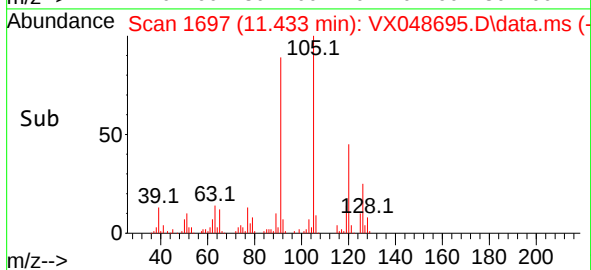
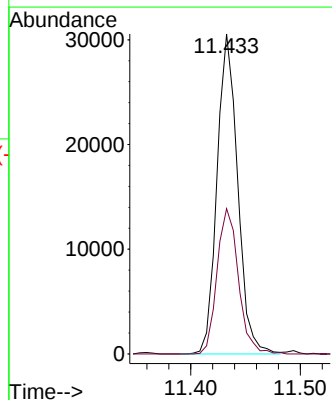
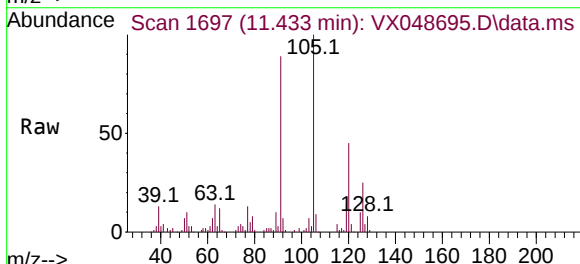
APPROVED

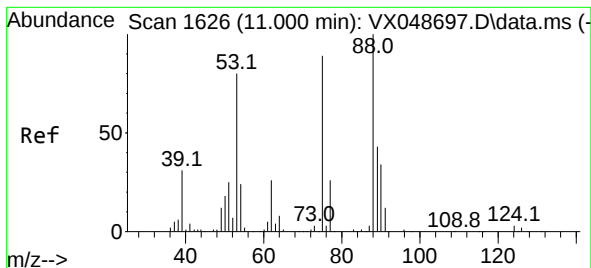
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.476 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

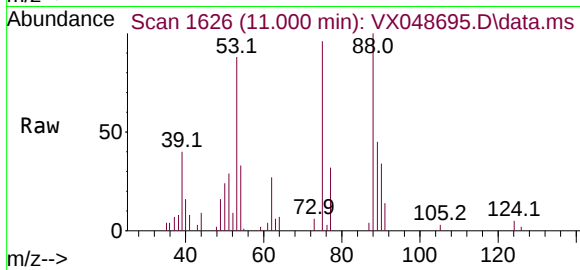
Tgt Ion:105 Resp: 39927
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.963 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

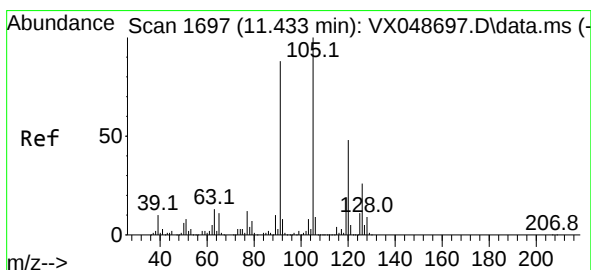
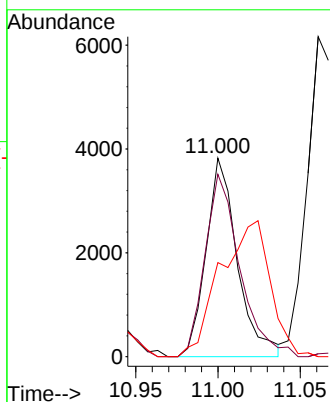
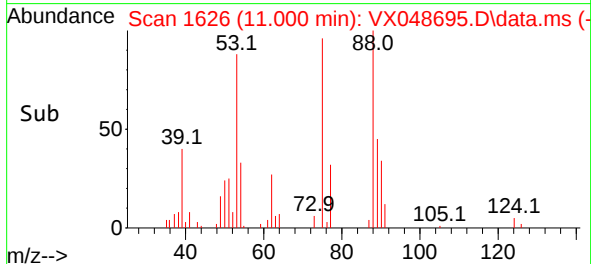
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 5052
Ion Ratio Lower Upper
75 100
53 102.5 74.8 112.2
89 0.0 0.0 0.0

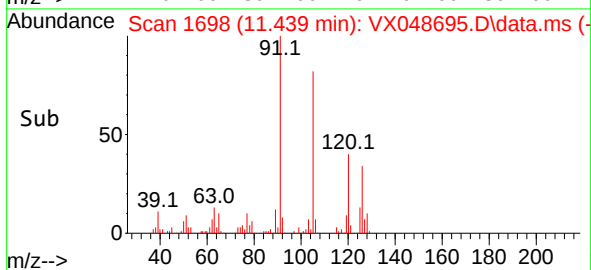
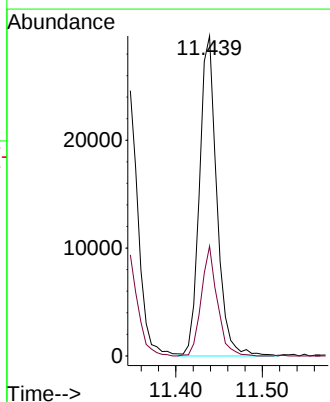
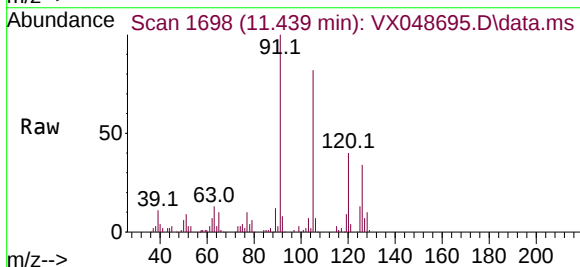
Manual Integrations
APPROVED

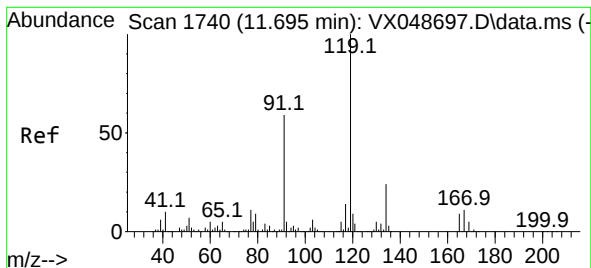
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 4.564 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

Tgt Ion: 91 Resp: 41196
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.1





#83

tert-Butylbenzene

Concen: 4.509 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

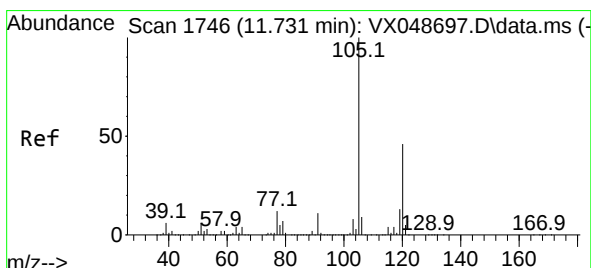
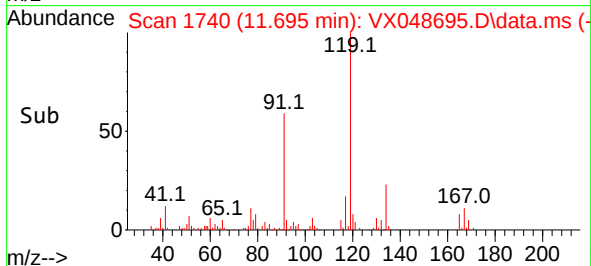
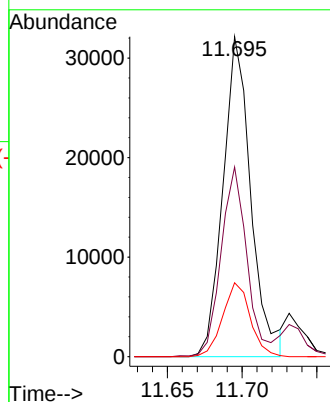
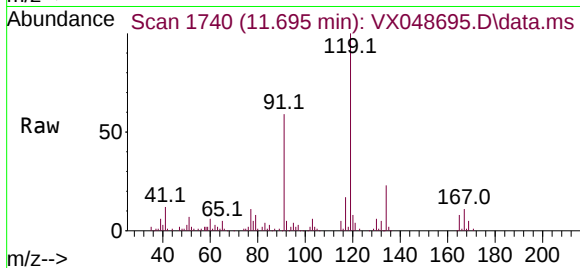
Tgt Ion:	119	Resp:	41719
Ion Ratio	Lower	Upper	
119	100		
91	55.1	27.4	82.0
134	22.9	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.395 ug/l

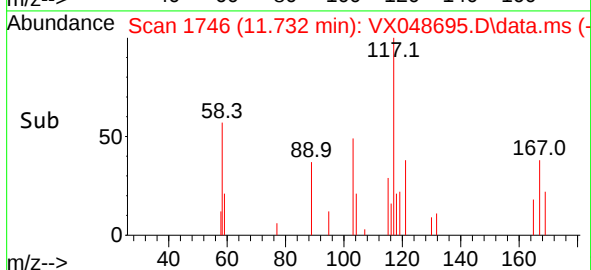
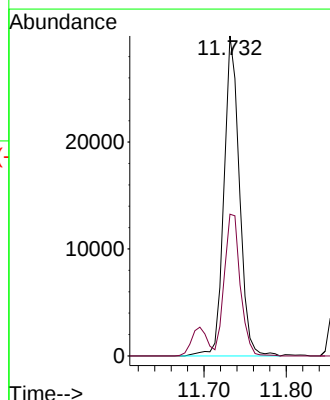
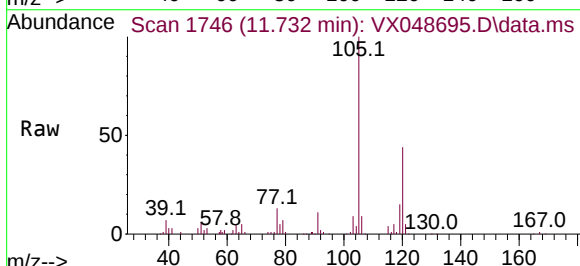
RT: 11.732 min Scan# 1746

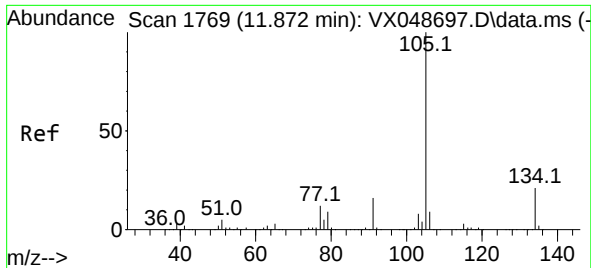
Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Tgt Ion:	105	Resp:	39057
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 4.429 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

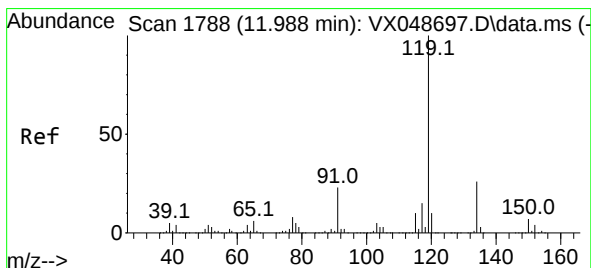
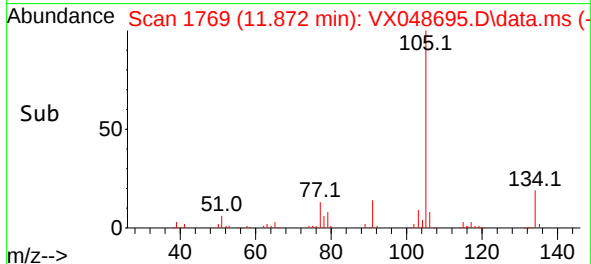
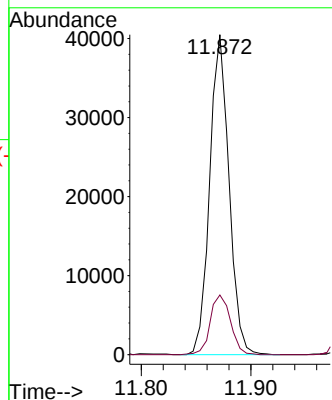
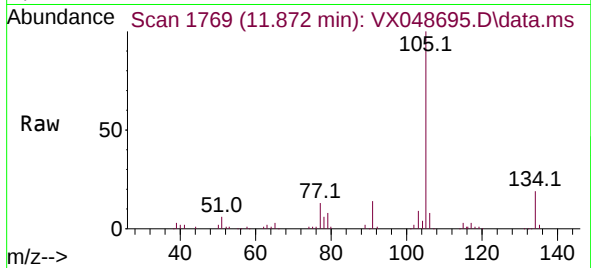
Tgt Ion:105 Resp: 4960
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations

APPROVED

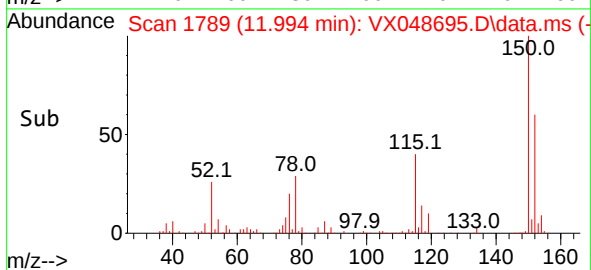
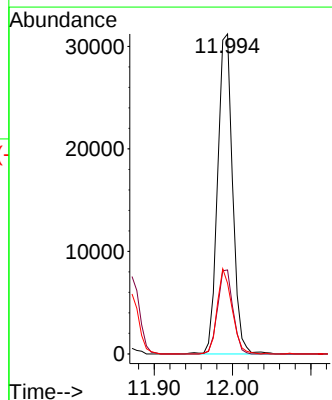
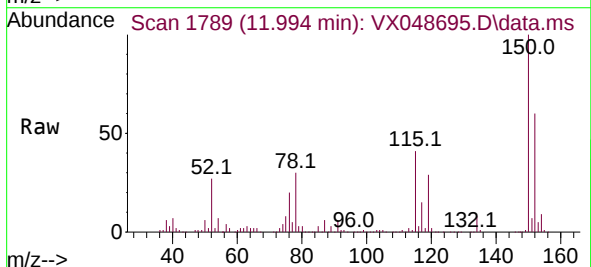
Reviewed By :John Carlone 12/04/2025

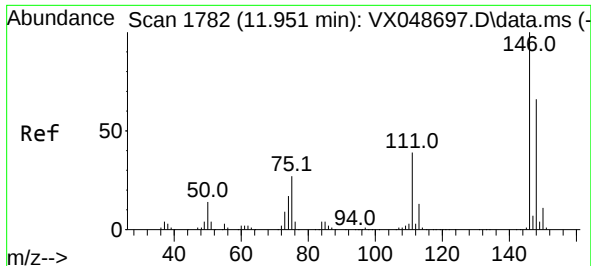
Supervised By :Semsettin Yesilyurt 12/04/2025



#86
 p-Isopropyltoluene
 Concen: 4.466 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048695.D
 Acq: 03 Dec 2025 09:10

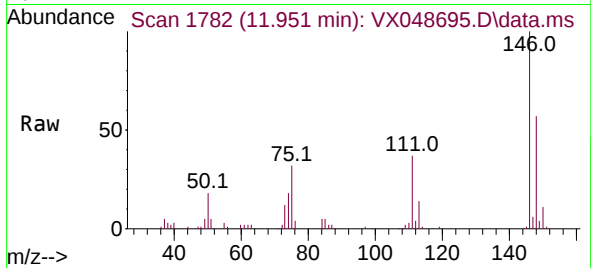
Tgt Ion:119 Resp: 41319
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 26.2 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 4.667 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

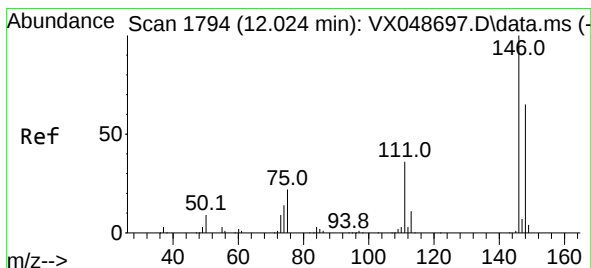
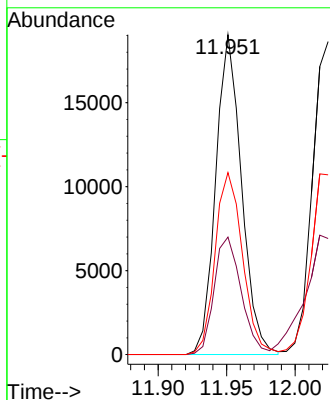
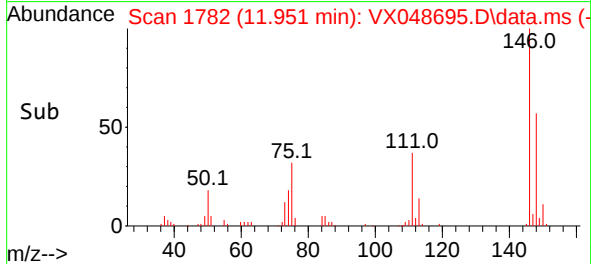
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



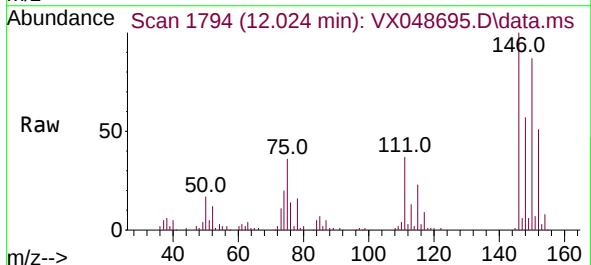
Tgt Ion:146 Resp: 24963
Ion Ratio Lower Upper
146 100
111 38.7 19.8 59.4
148 60.6 32.4 97.0

Manual Integrations
APPROVED

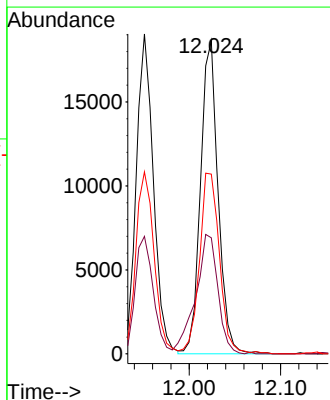
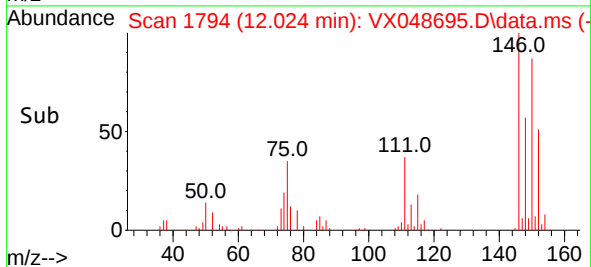
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

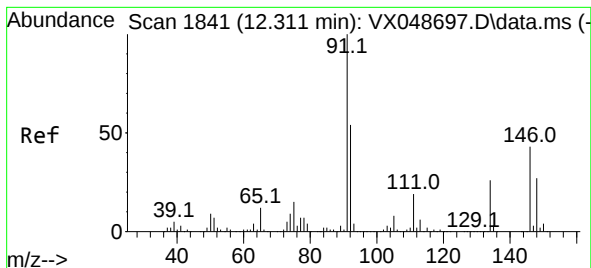


#88
1,4-Dichlorobenzene
Concen: 4.570 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion:146 Resp: 24950
Ion Ratio Lower Upper
146 100
111 48.4 19.5 58.5
148 65.8 32.6 98.0





#89

n-Butylbenzene

Concen: 4.265 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

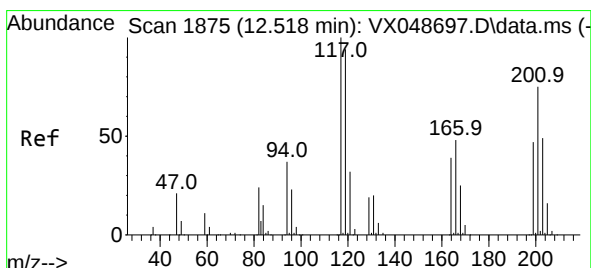
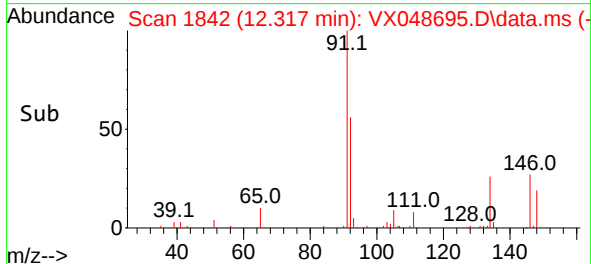
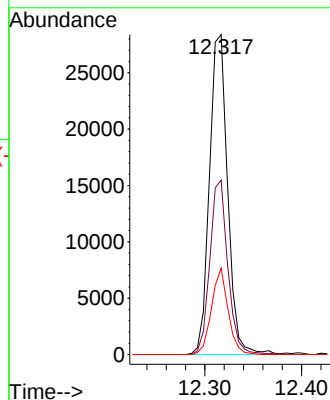
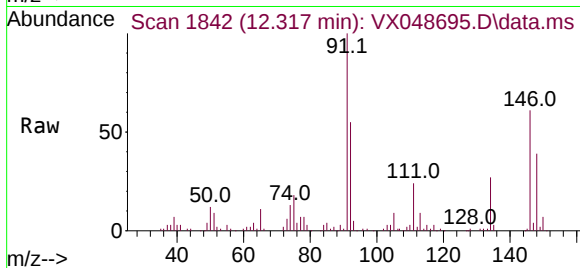
Tgt Ion: 91	Resp: 3716
Ion Ratio	Lower Upper
91	100
92	53.8 27.0 81.0
134	24.6 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 4.374 ug/l

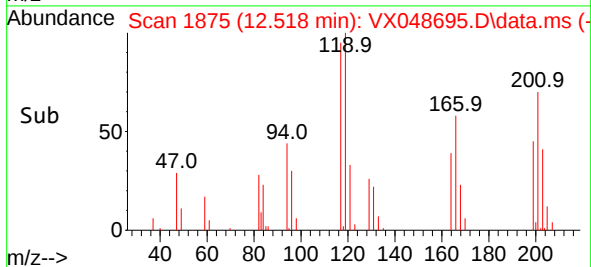
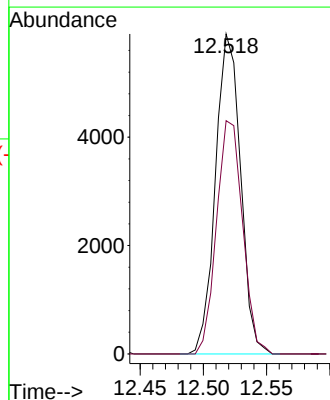
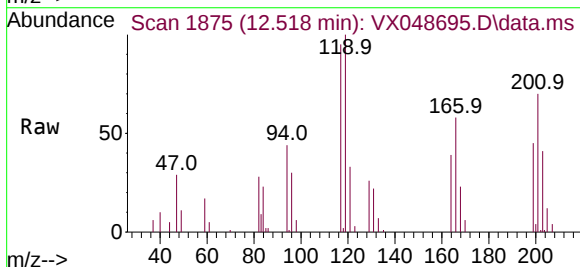
RT: 12.518 min Scan# 1875

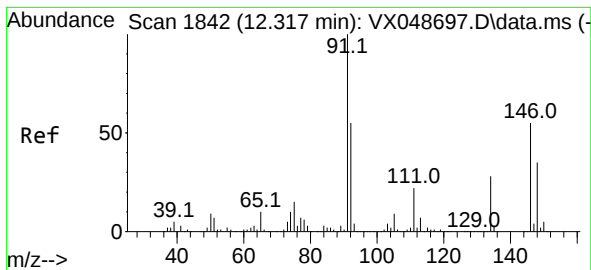
Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

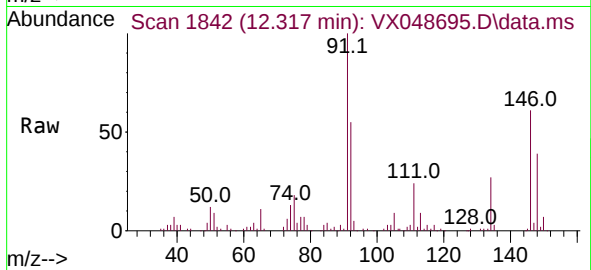
Tgt Ion: 117	Resp: 8147
Ion Ratio	Lower Upper
117	100
201	75.8 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 4.607 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

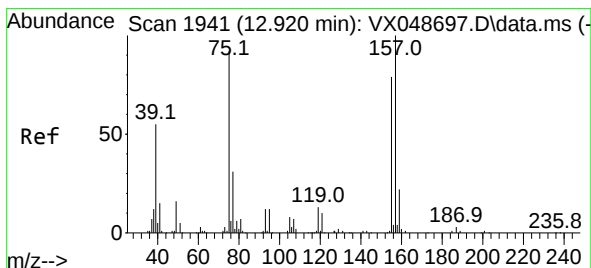
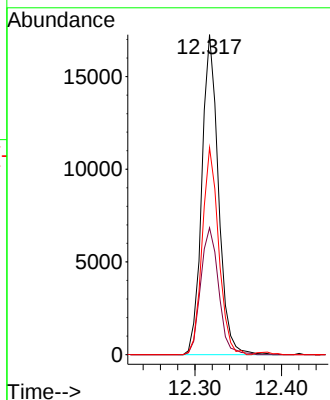
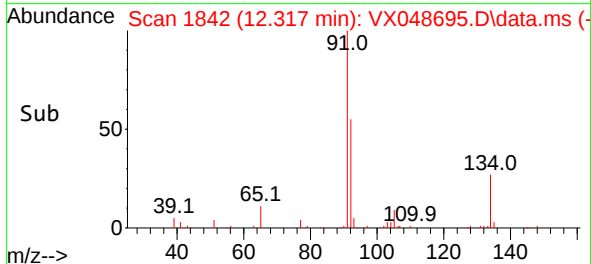
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



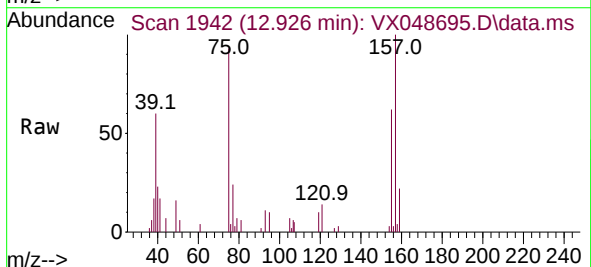
Tgt Ion:146 Resp: 22948
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 64.1 32.1 96.5

Manual Integrations
APPROVED

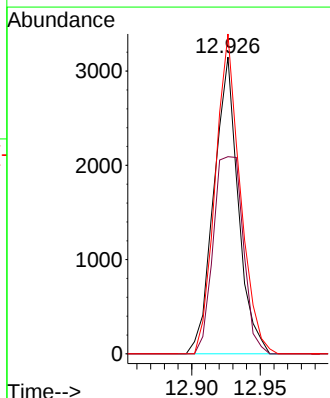
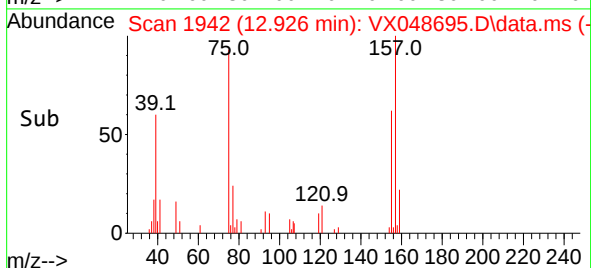
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

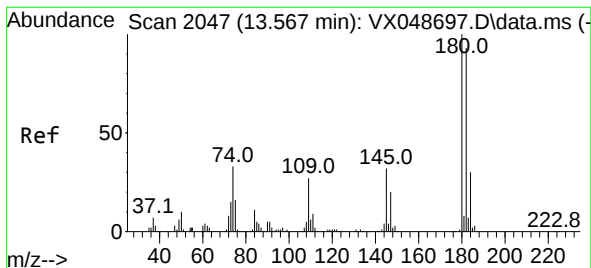


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.596 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion: 75 Resp: 3900
Ion Ratio Lower Upper
75 100
155 81.5 46.7 140.1
157 109.7 58.7 176.1





#93

1,2,4-Trichlorobenzene

Concen: 4.085 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

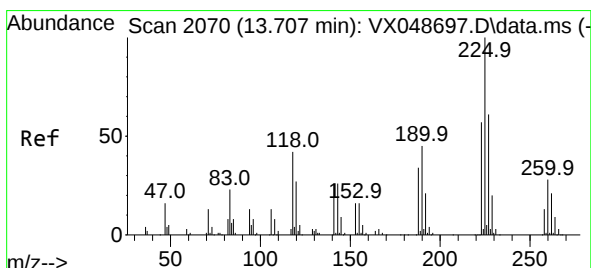
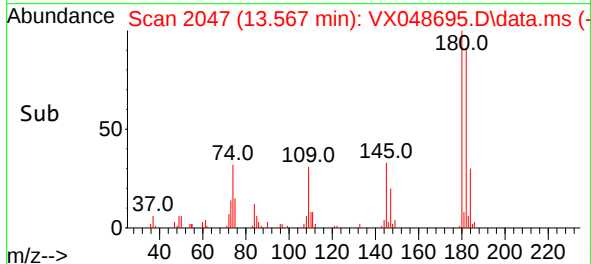
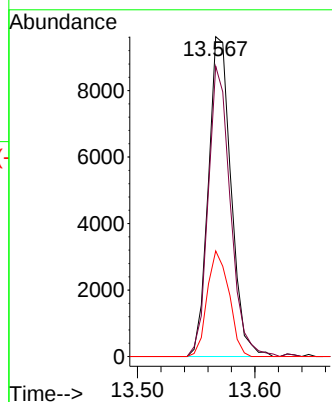
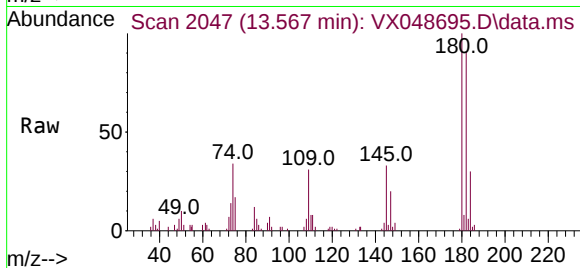
Tgt Ion:180	Resp:	1295
Ion Ratio	Lower	Upper
180	100	
182	88.7	47.8 143.3
145	31.7	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 4.466 ug/l

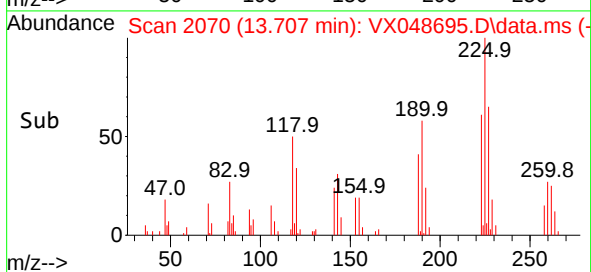
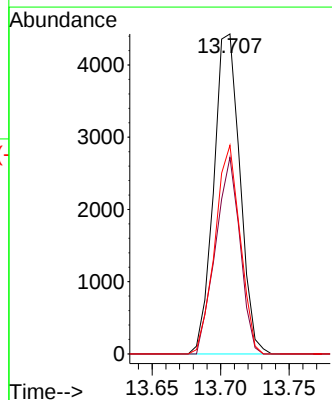
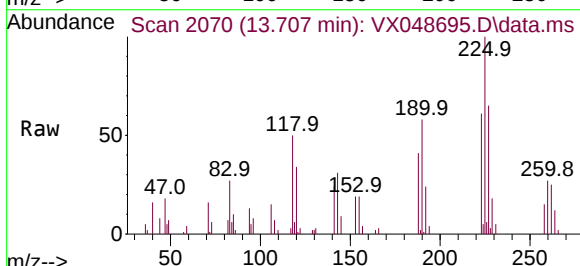
RT: 13.707 min Scan# 2070

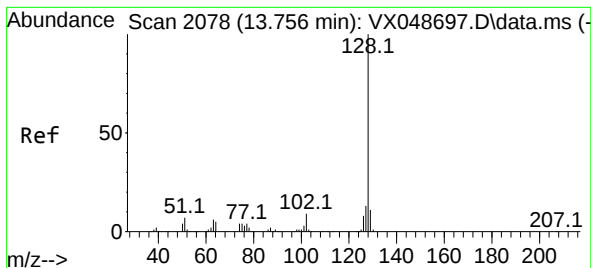
Delta R.T. 0.000 min

Lab File: VX048695.D

Acq: 03 Dec 2025 09:10

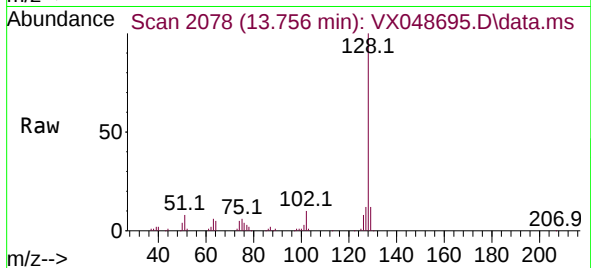
Tgt Ion:225	Resp:	5896
Ion Ratio	Lower	Upper
225	100	
223	57.1	31.6 95.0
227	62.6	31.6 94.7





#95
Naphthalene
Concen: 3.839 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10

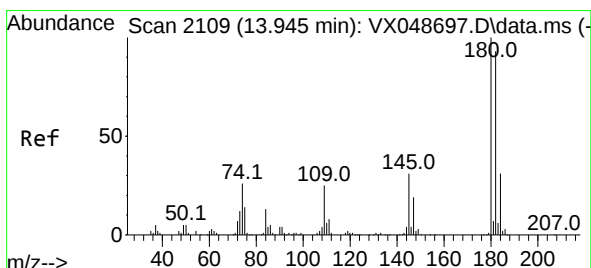
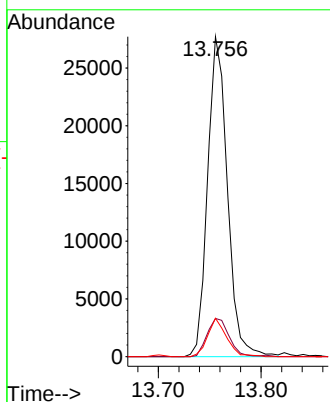
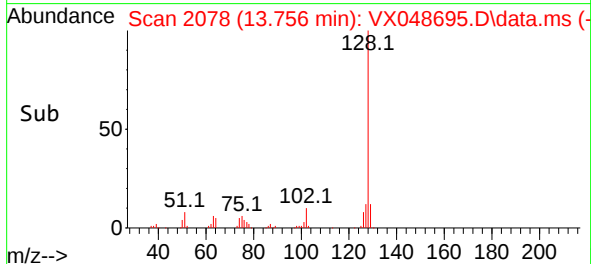
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



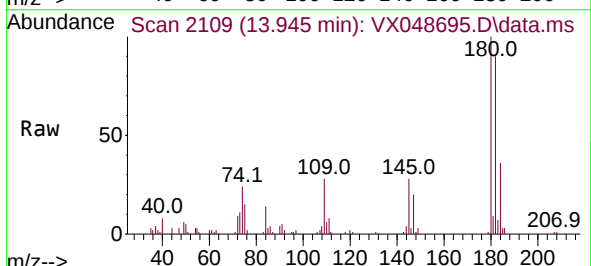
Tgt Ion:128 Resp: 37160
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.4 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.187 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.000 min
Lab File: VX048695.D
Acq: 03 Dec 2025 09:10



Tgt Ion:180 Resp: 12257
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.4
145 30.2 16.8 50.4

