

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120325\
 Data File : VX048698.D
 Acq On : 03 Dec 2025 10:11
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 01:39:31 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)

Internal Standards						
1) Pentafluorobenzene	5.538	168	180730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	245514	100.616	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 201.240%#			
35) Dibromofluoromethane	5.373	113	201237	99.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.740%#			
50) Toluene-d8	8.635	98	703578	101.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 202.620%#			
62) 4-Bromofluorobenzene	11.061	95	253523	99.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 198.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	228064	109.479	ug/l	98
3) Chloromethane	1.301	50	210259	103.551	ug/l	97
4) Vinyl Chloride	1.380	62	226544	101.834	ug/l	98
5) Bromomethane	1.612	94	148796	100.667	ug/l	100
6) Chloroethane	1.691	64	130345	98.943	ug/l	99
7) Trichlorofluoromethane	1.892	101	330809	102.338	ug/l	99
8) Diethyl Ether	2.136	74	120152	104.387	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	186773	96.955	ug/l	97
10) Methyl Iodide	2.459	142	275212	99.168	ug/l	97
11) Tert butyl alcohol	2.953	59	190109	515.121	ug/l	99
12) 1,1-Dichloroethene	2.325	96	187887	98.105	ug/l	99
13) Acrolein	2.233	56	110492	553.622	ug/l	100
14) Allyl chloride	2.666	41	364520	100.579	ug/l	98
15) Acrylonitrile	3.056	53	620544	528.968	ug/l	100
16) Acetone	2.374	43	379848	476.310	ug/l	98
17) Carbon Disulfide	2.514	76	547335	93.824	ug/l	100
18) Methyl Acetate	2.697	43	260852	98.755	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	700336	107.314	ug/l	100
20) Methylene Chloride	2.788	84	221209	99.373	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	214721	108.631	ug/l	99
22) Diisopropyl ether	3.751	45	697539	107.473	ug/l	97
23) Vinyl Acetate	3.715	43	3138253	556.252	ug/l	100
24) 1,1-Dichloroethane	3.605	63	382617	103.526	ug/l	99
25) 2-Butanone	4.538	43	705300	517.769	ug/l	99
26) 2,2-Dichloropropane	4.465	77	335241	99.952	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	251352	101.592	ug/l	98
28) Bromochloromethane	4.885	49	177412	99.977	ug/l	95
29) Tetrahydrofuran	4.983	42	544875	515.007	ug/l	99
30) Chloroform	5.080	83	393031	100.387	ug/l	96
31) Cyclohexane	5.465	56	324020	102.907	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	358437	101.818	ug/l	99
36) 1,1-Dichloropropene	5.684	75	268764	98.222	ug/l	98
37) Ethyl Acetate	4.690	43	361838	100.148	ug/l	98
38) Carbon Tetrachloride	5.666	117	308990	98.266	ug/l	99
39) Methylcyclohexane	7.367	83	339189	106.500	ug/l	98
40) Benzene	6.025	78	823411	102.380	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	164267	104.469	ug/l	97
42) 1,2-Dichloroethane	6.074	62	292666	101.339	ug/l	98
43) Isopropyl Acetate	6.318	43	518635	106.314	ug/l	97
44) Trichloroethene	7.111	130	215822	101.931	ug/l	99
45) 1,2-Dichloropropane	7.415	63	203731	103.641	ug/l	98
46) Dibromomethane	7.562	93	157260	103.986	ug/l	96
47) Bromodichloromethane	7.806	83	317582	102.432	ug/l	96
48) Methyl methacrylate	7.678	41	258230	110.793	ug/l	95
49) 1,4-Dioxane	7.647	88	60694	2129.247	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	1611342	524.040	ug/l	98
52) Toluene	8.702	92	508284	102.978	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	329068	106.622	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	349999	106.922	ug/l	95
55) 1,1,2-Trichloroethane	9.135	97	199956	102.183	ug/l	98
56) Ethyl methacrylate	9.098	69	340631	108.631	ug/l	93
57) 1,3-Dichloropropane	9.293	76	334994	101.750	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	935316	578.723	ug/l	97
59) 2-Hexanone	9.415	43	1171379	530.934	ug/l	96
60) Dibromochloromethane	9.507	129	252046	103.269	ug/l	99
61) 1,2-Dibromoethane	9.592	107	218252	100.876	ug/l	99
64) Tetrachloroethene	9.257	164	181937	99.738	ug/l	98
65) Chlorobenzene	10.061	112	579250	102.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	193125	98.647	ug/l	100
67) Ethyl Benzene	10.177	91	911614	98.612	ug/l	99
68) m/p-Xylenes	10.287	106	712246	200.011	ug/l	99
69) o-Xylene	10.622	106	358891	104.608	ug/l	99
70) Styrene	10.640	104	622225	107.907	ug/l	100
71) Bromoform	10.781	173	186379	104.520	ug/l #	100
73) Isopropylbenzene	10.945	105	923401	105.293	ug/l	99
74) N-amyl acetate	10.823	43	419030	105.837	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	304730	101.487	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	284941m	88.258	ug/l	
77) Bromobenzene	11.183	156	236835	100.206	ug/l	96
78) n-propylbenzene	11.287	91	1080860	105.251	ug/l	99
79) 2-Chlorotoluene	11.348	91	640685	102.653	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	760304	105.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	113522	110.741	ug/l #	99
82) 4-Chlorotoluene	11.433	91	758421	104.479	ug/l	99
83) tert-Butylbenzene	11.695	119	780911	104.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	765415	107.116	ug/l	100
85) sec-Butylbenzene	11.872	105	943212	104.722	ug/l	99
86) p-Isopropyltoluene	11.994	119	801040	107.660	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	435617	101.270	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	432434	98.492	ug/l	99
89) n-Butylbenzene	12.311	91	752941	107.437	ug/l	99
90) Hexachloroethane	12.518	117	156515	104.495	ug/l	93
91) 1,2-Dichlorobenzene	12.317	146	415732	103.792	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	70906	103.903	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	279564	109.629	ug/l	99
94) Hexachlorobutadiene	13.707	225	106828	100.611	ug/l	99
95) Naphthalene	13.756	128	923572	118.659	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	261019	110.887	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC100

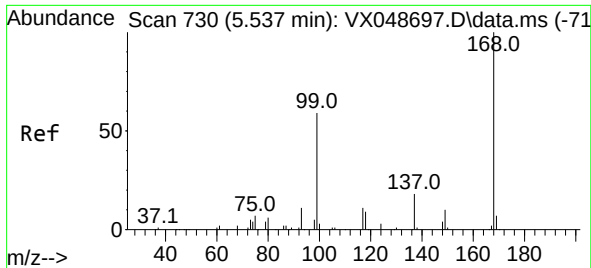
Manual Integrations
APPROVED

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

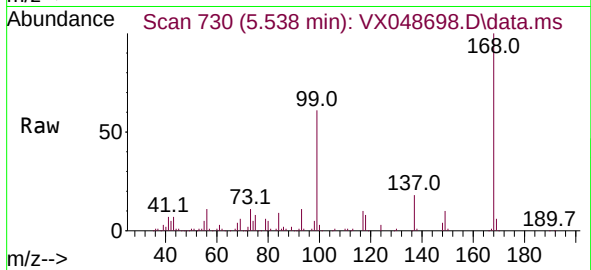
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.001 min
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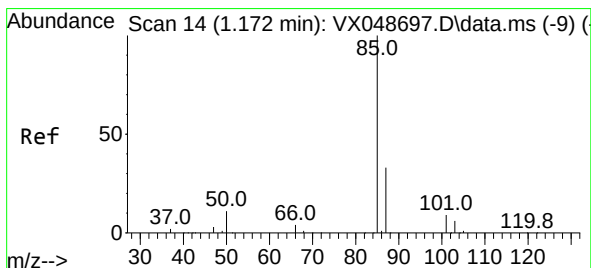
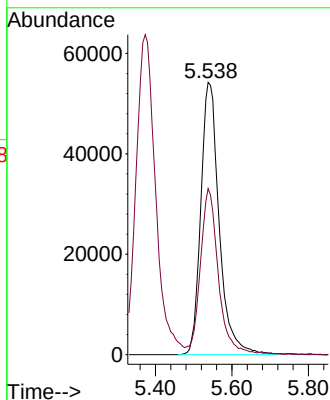
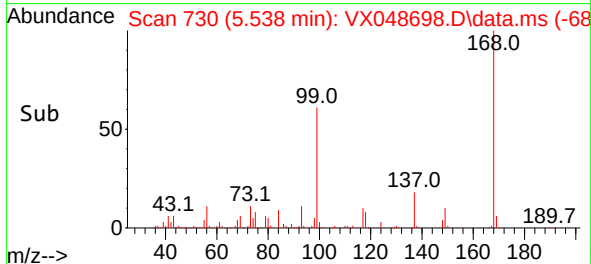
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 180730
Ion Ratio Lower Upper
168 100
99 60.6 48.3 72.5

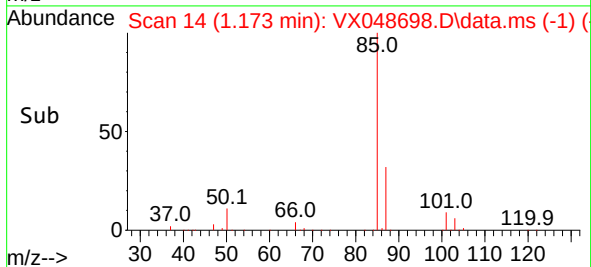
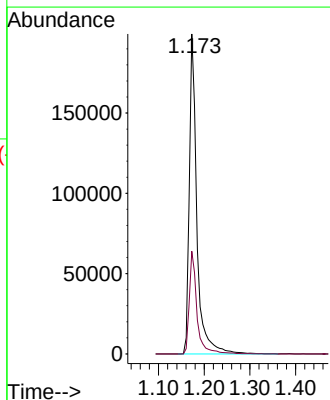
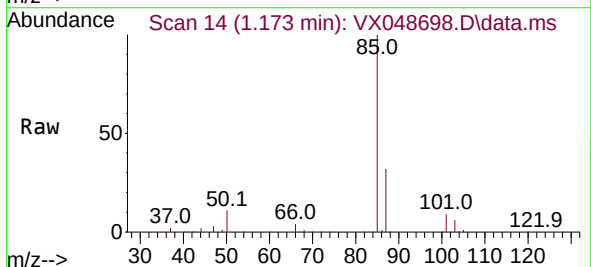
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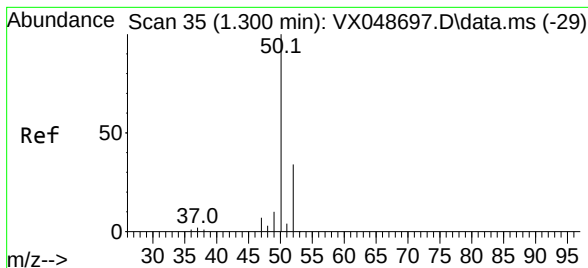
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 109.479 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

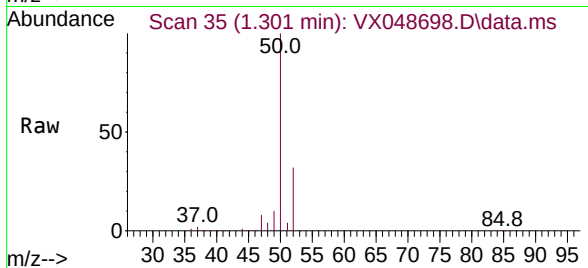
Tgt Ion: 85 Resp: 228064
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 103.551 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

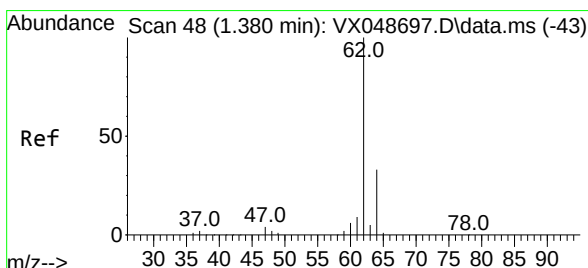
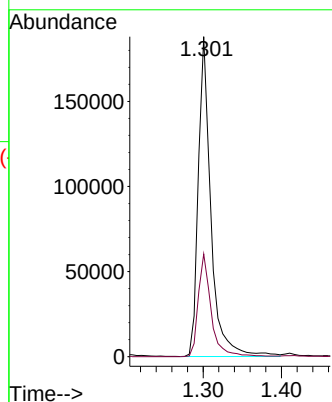
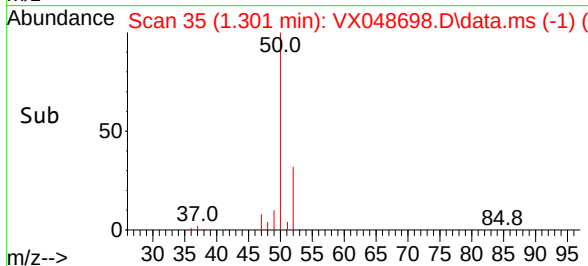
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Tgt Ion: 50 Resp: 210259
Ion Ratio Lower Upper
50 100
52 32.1 26.8 40.2

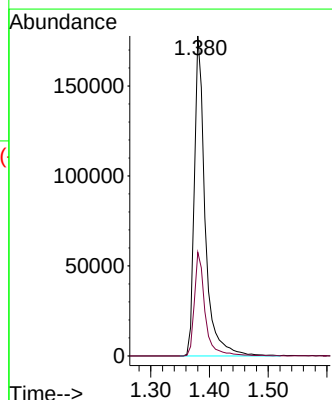
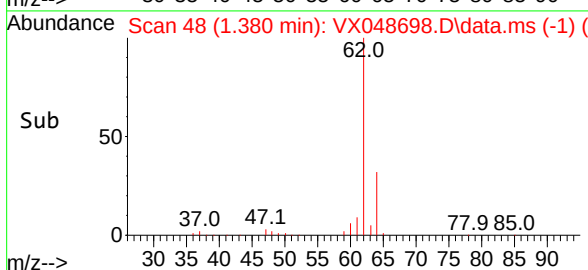
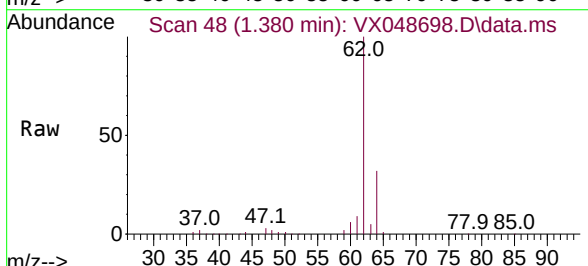
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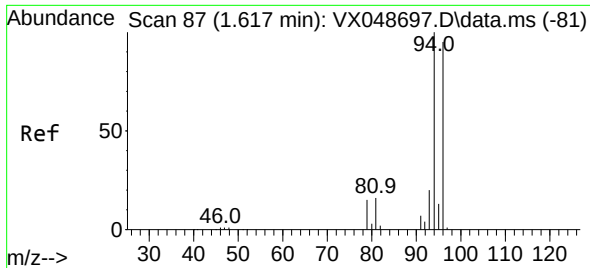
Reviewed By :John Carlone 12/04/2025
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#4
Vinyl Chloride
Concen: 101.834 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048698.D
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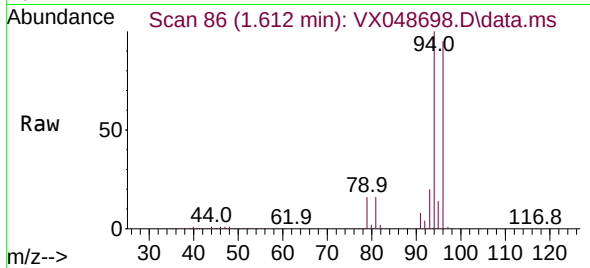
Tgt Ion: 62 Resp: 226544
Ion Ratio Lower Upper
62 100
64 32.4 26.7 40.1





#5
Bromomethane
Concen: 100.667 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048698.D
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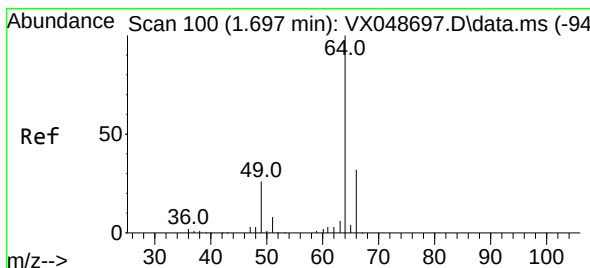
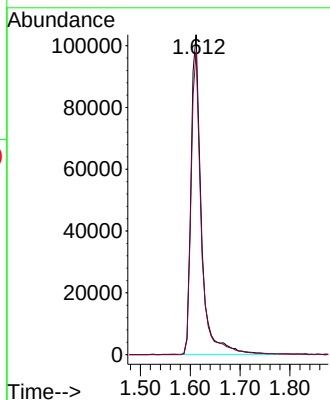
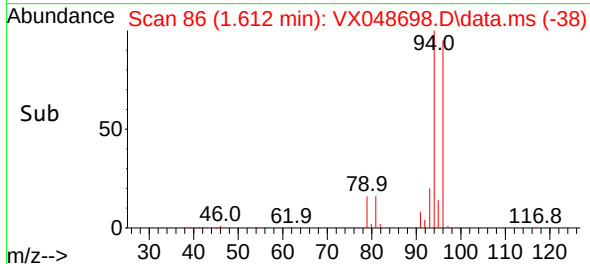
Instrument :
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Tgt Ion: 94 Resp: 148796
Ion Ratio Lower Upper
94 100
96 94.7 76.1 114.1

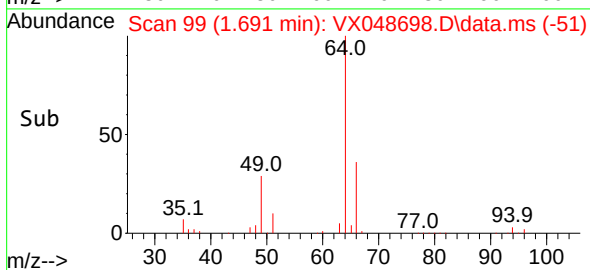
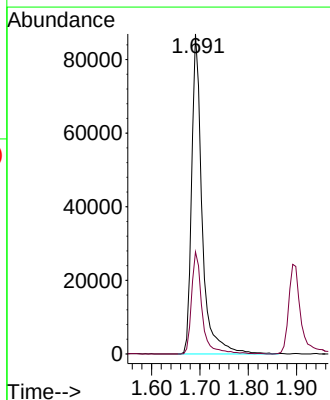
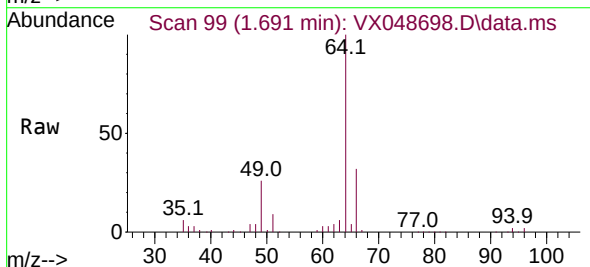
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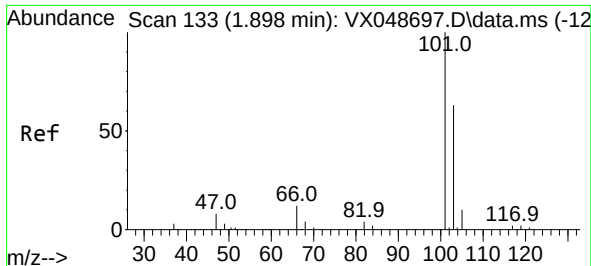
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 98.943 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 64 Resp: 130345
Ion Ratio Lower Upper
64 100
66 31.9 25.2 37.8





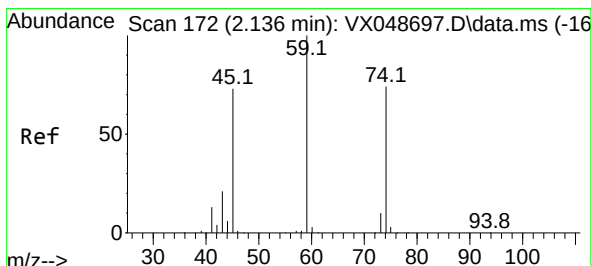
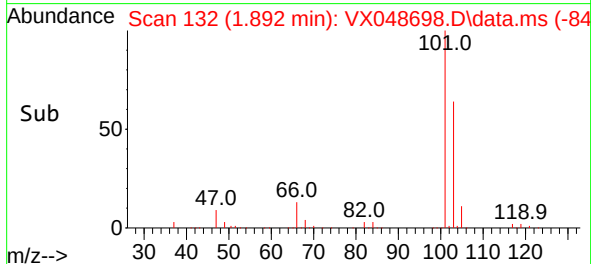
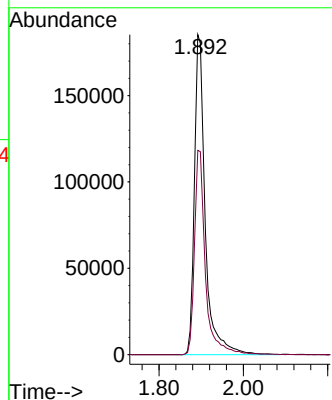
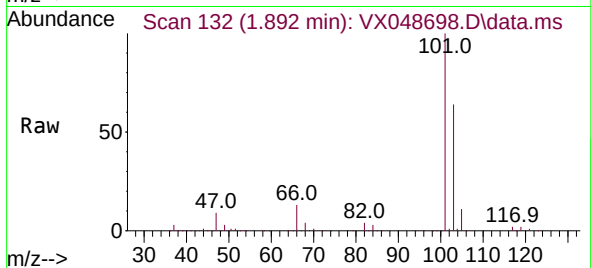
#7
 Trichlorofluoromethane
 Concen: 102.338 ug/l
 RT: 1.892 min Scan# 133
 Delta R.T. -0.006 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion:101 Resp: 330809
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

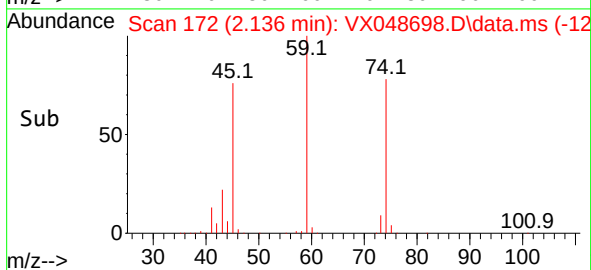
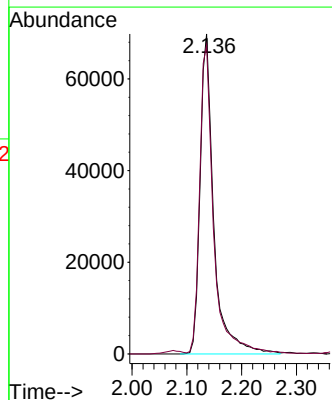
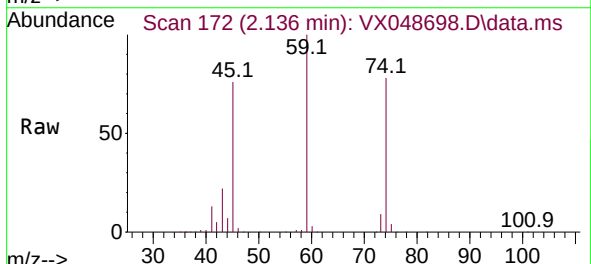
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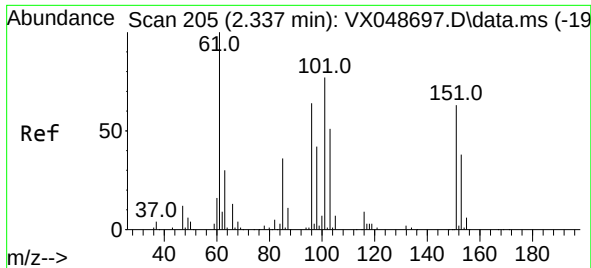
Reviewed By :John Carlone 12/04/2025
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#8
 Diethyl Ether
 Concen: 104.387 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 120152
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.1 144.4





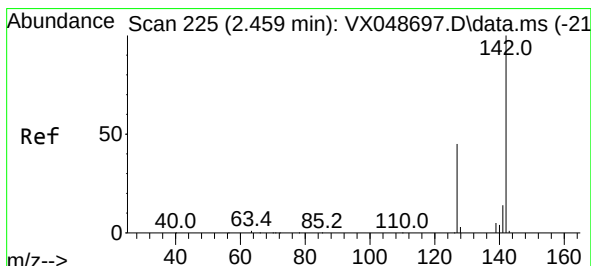
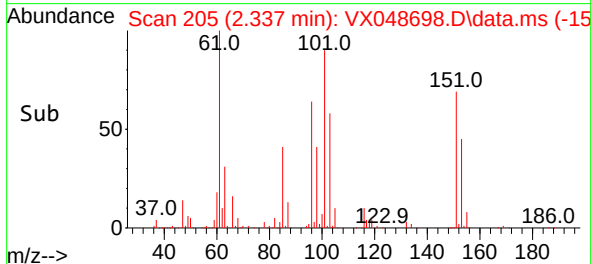
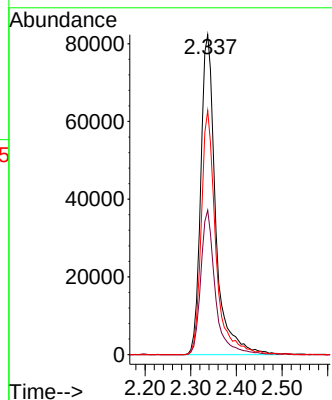
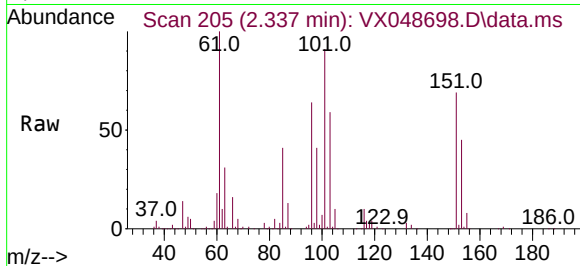
#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.955 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 186773
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 74.4 62.2 93.4

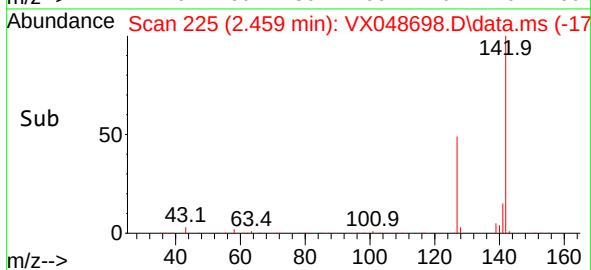
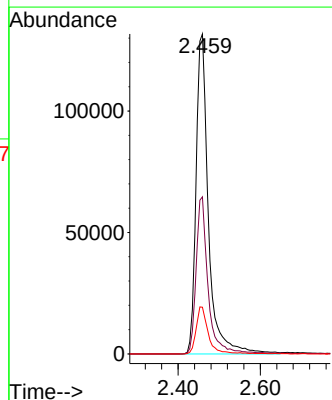
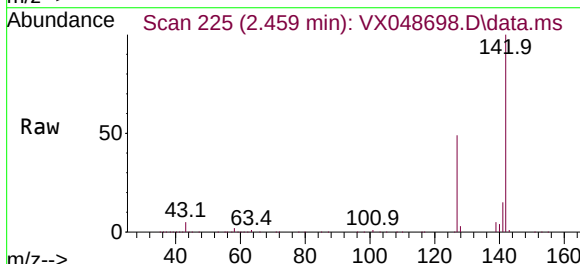
Manual Integrations
APPROVED

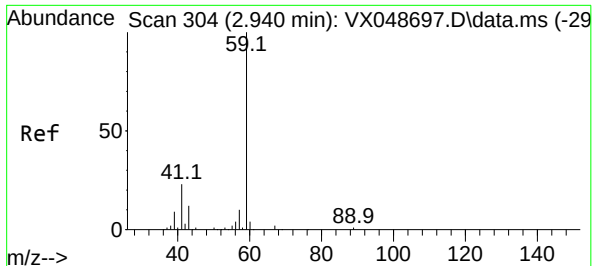
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 99.168 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion:142 Resp: 275212
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 14.3 11.1 16.7





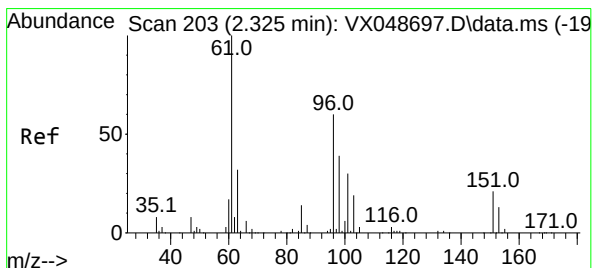
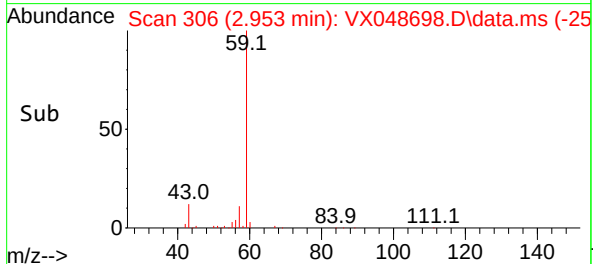
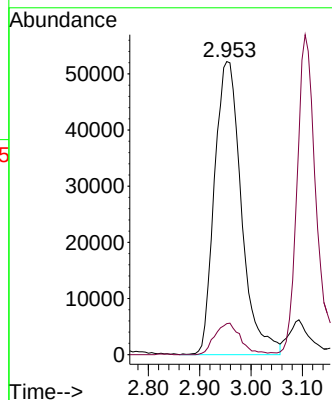
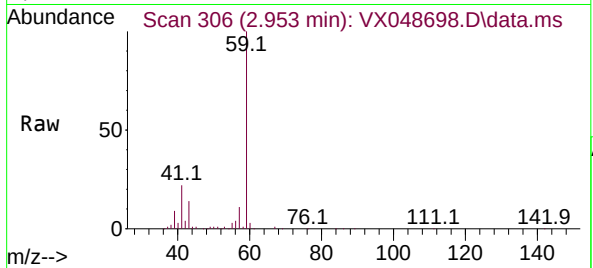
#11
Tert butyl alcohol
Concen: 515.121 ug/l
RT: 2.953 min Scan# 304
Delta R.T. 0.012 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 190109
Ion Ratio Lower Upper
59 100
57 10.3 8.0 12.0

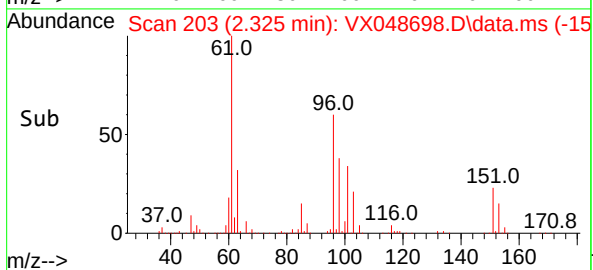
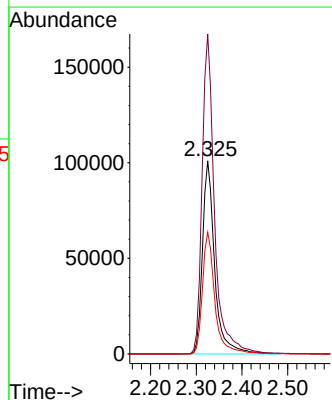
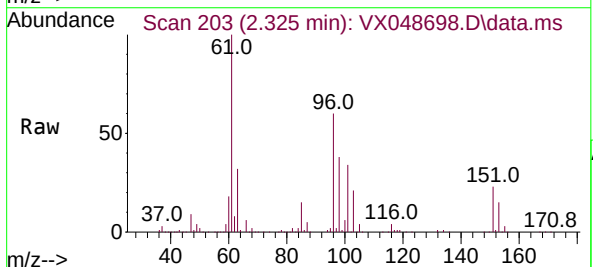
Manual Integrations
APPROVED

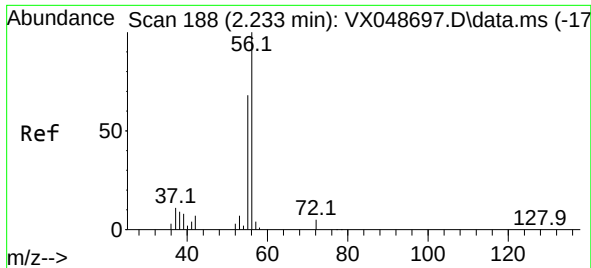
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#12
1,1-Dichloroethene
Concen: 98.105 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

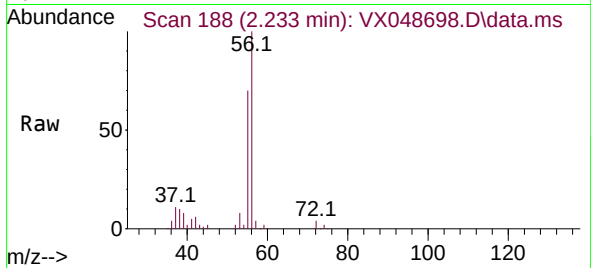
Tgt Ion: 96 Resp: 187887
Ion Ratio Lower Upper
96 100
61 165.8 133.5 200.3
98 62.9 52.2 78.4





#13
Acrolein
Concen: 553.622 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

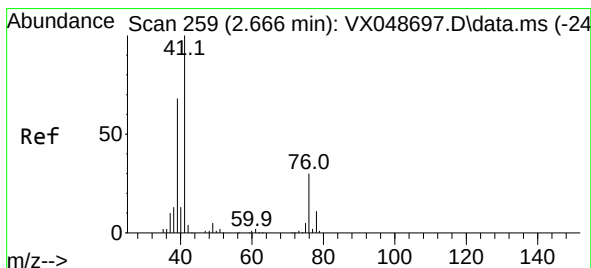
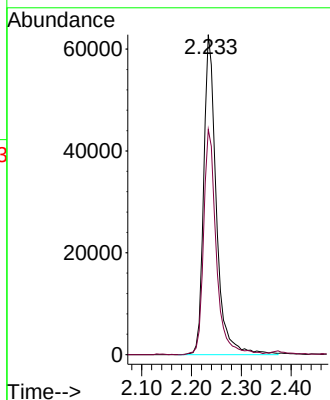
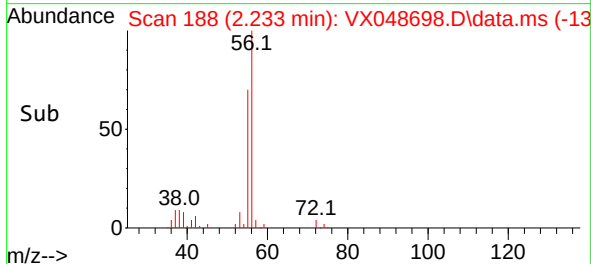
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 110492
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.4

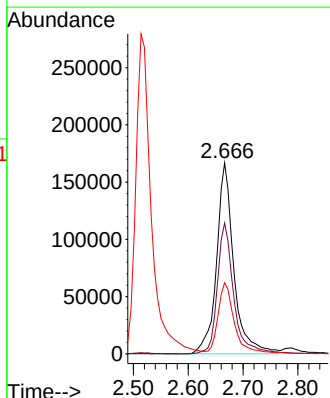
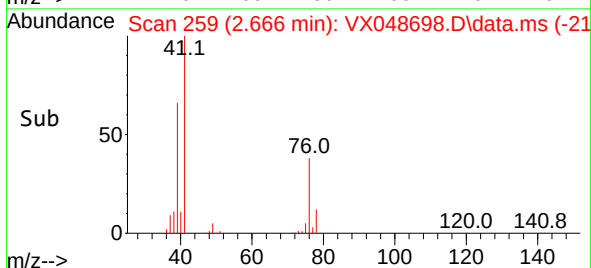
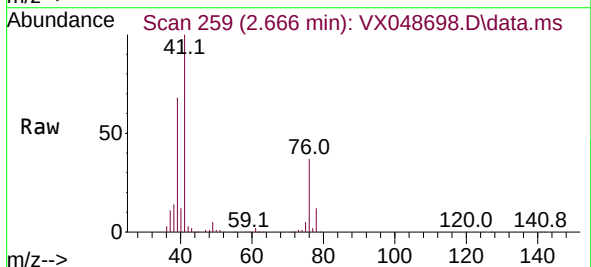
Manual Integrations
APPROVED

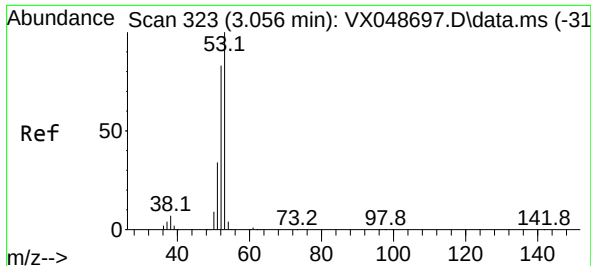
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 100.579 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

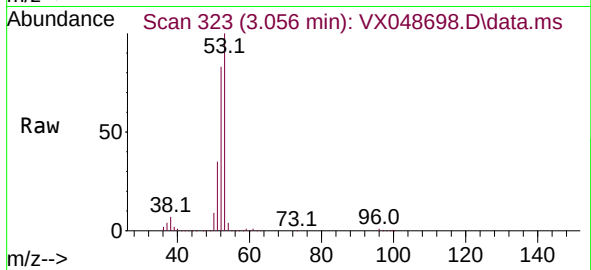
Tgt Ion: 41 Resp: 364520
Ion Ratio Lower Upper
41 100
39 65.1 50.7 76.1
76 35.2 27.1 40.7





#15
Acrylonitrile
Concen: 528.968 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

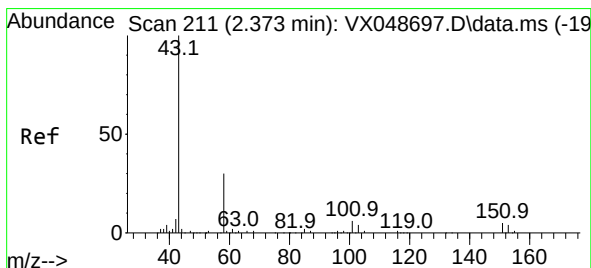
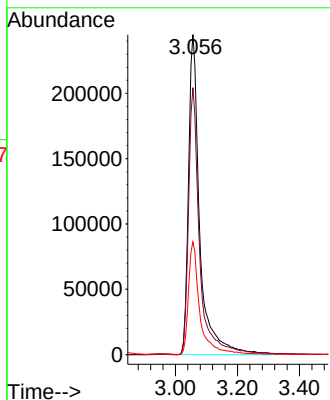
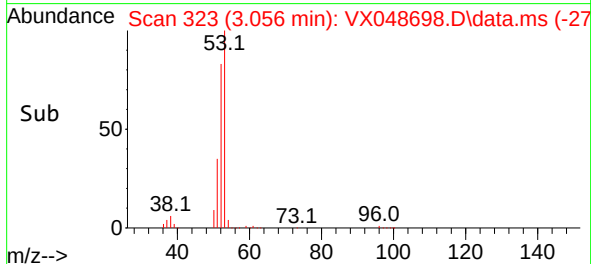
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



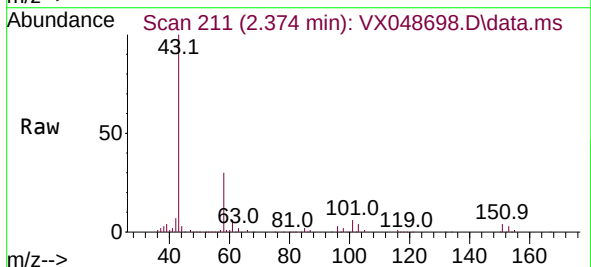
Tgt Ion: 53 Resp: 620544
Ion Ratio Lower Upper
53 100
52 82.0 65.4 98.0
51 35.5 28.3 42.5

Manual Integrations
APPROVED

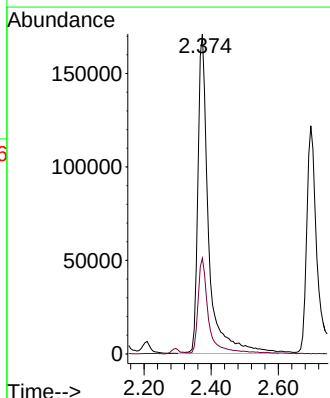
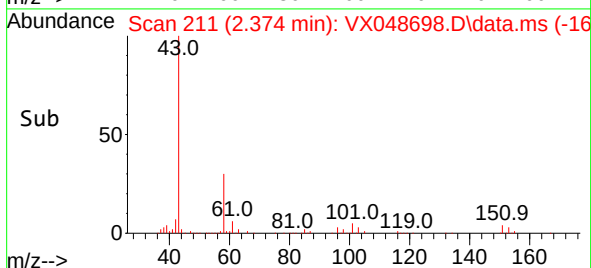
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

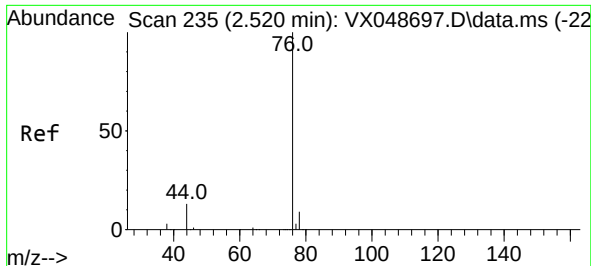


#16
Acetone
Concen: 476.310 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



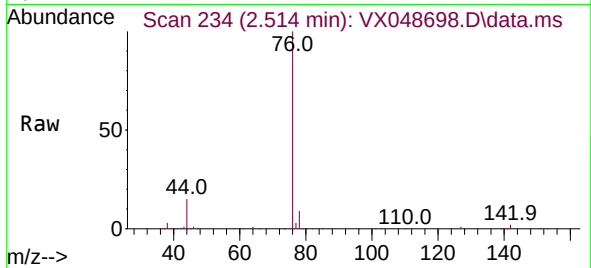
Tgt Ion: 43 Resp: 379848
Ion Ratio Lower Upper
43 100
58 29.7 24.9 37.3





#17
Carbon Disulfide
Concen: 93.824 ug/l
RT: 2.514 min Scan# 235
Delta R.T. -0.006 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

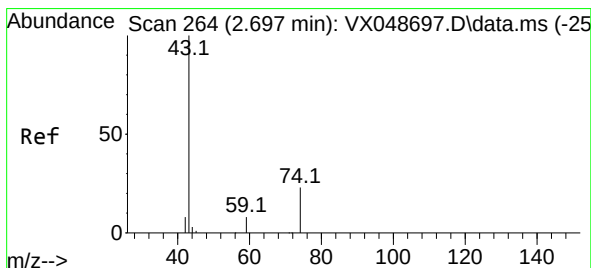
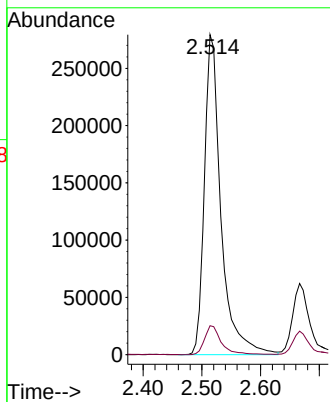
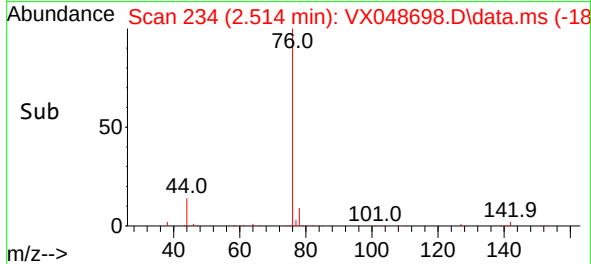
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 76 Resp: 547335
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

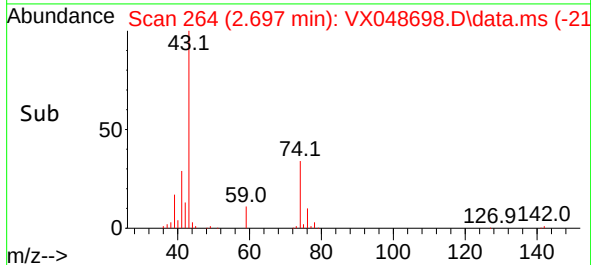
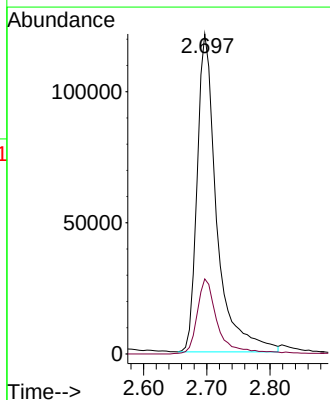
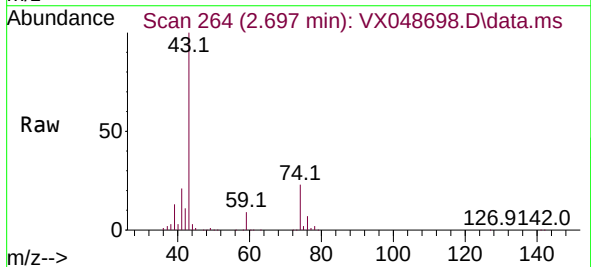
Manual Integrations
APPROVED

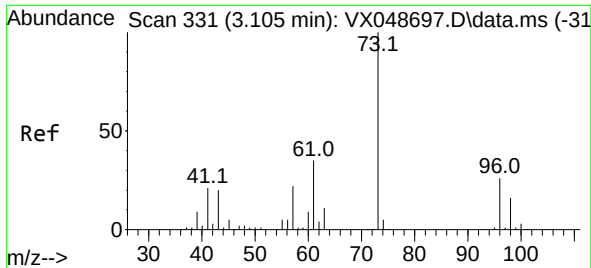
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 98.755 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

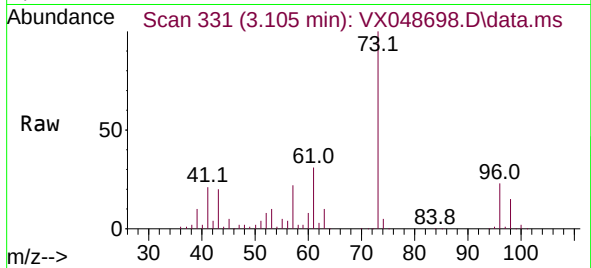
Tgt Ion: 43 Resp: 260852
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 107.314 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

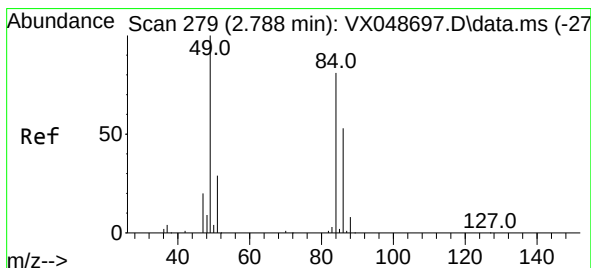
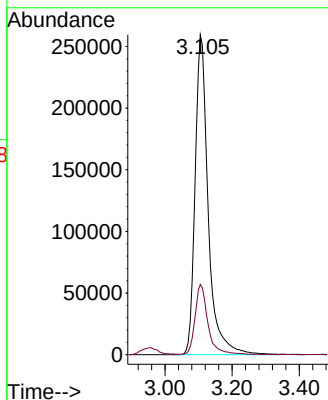
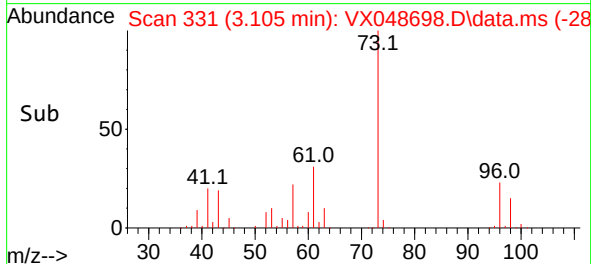
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 700336
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3

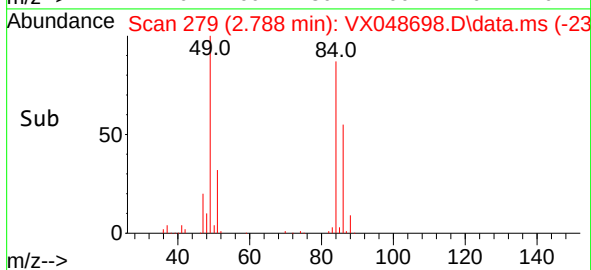
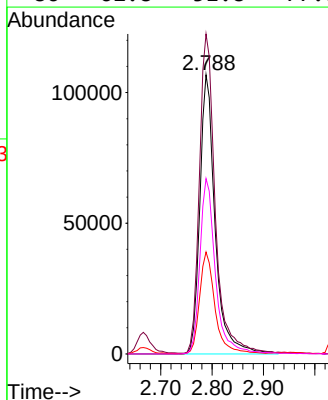
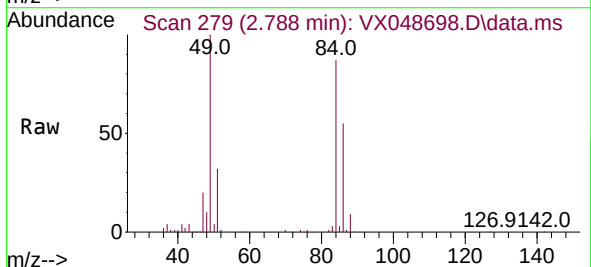
Manual Integrations
APPROVED

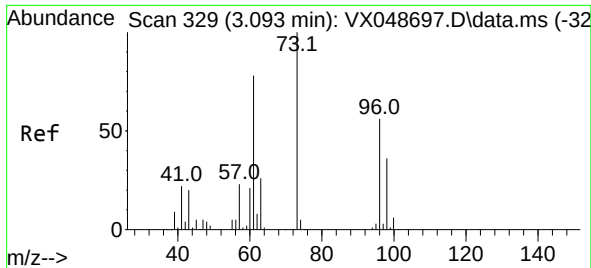
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 99.373 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

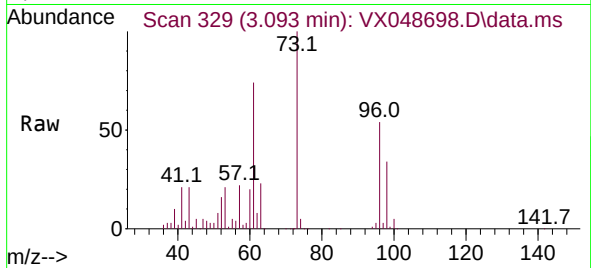
Tgt Ion: 84 Resp: 221209
Ion Ratio Lower Upper
84 100
49 114.4 98.6 148.0
51 36.4 28.7 43.1
86 62.8 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 108.631 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

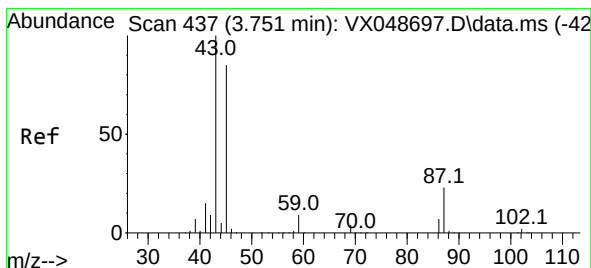
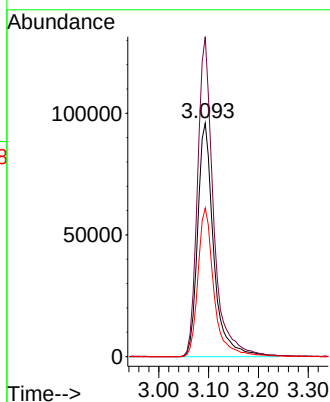
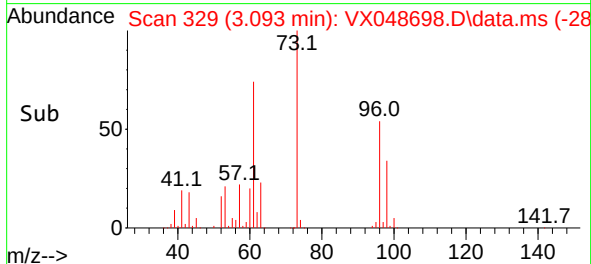
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 21472
Ion Ratio Lower Upper
96 100
61 137.2 110.6 166.0
98 63.7 51.1 76.7

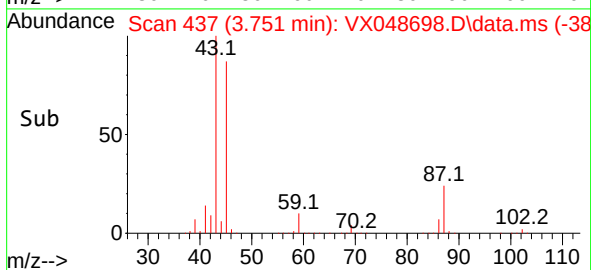
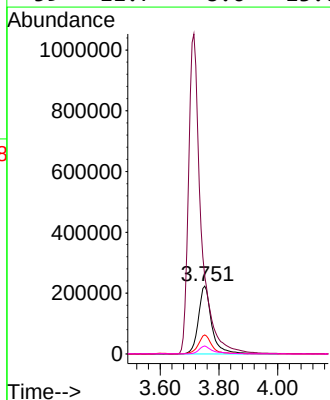
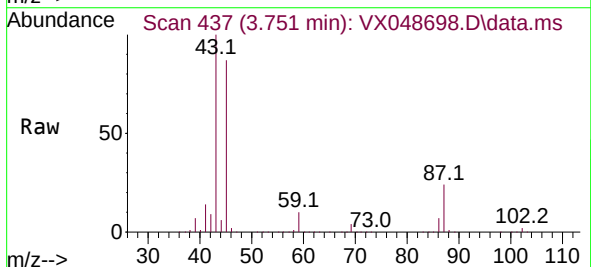
Manual Integrations
APPROVED

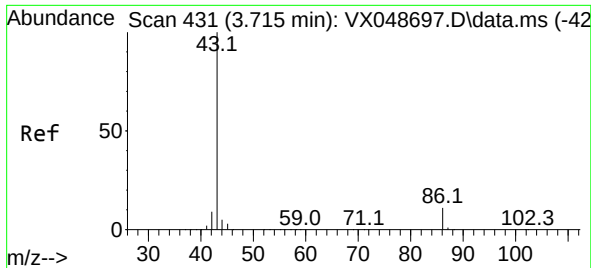
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 107.473 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

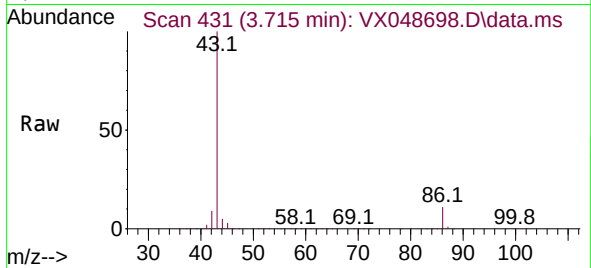
Tgt Ion: 45 Resp: 697539
Ion Ratio Lower Upper
45 100
43 114.5 94.6 141.8
87 27.9 21.7 32.5
59 11.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 556.252 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11

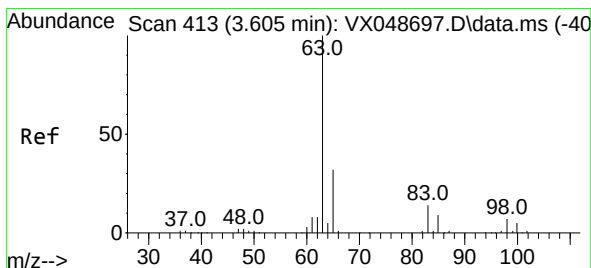
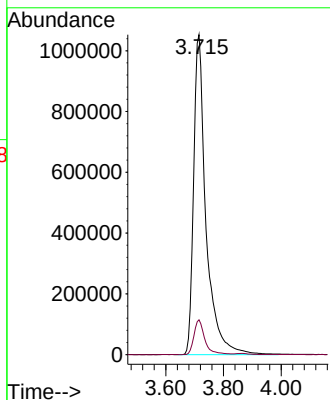
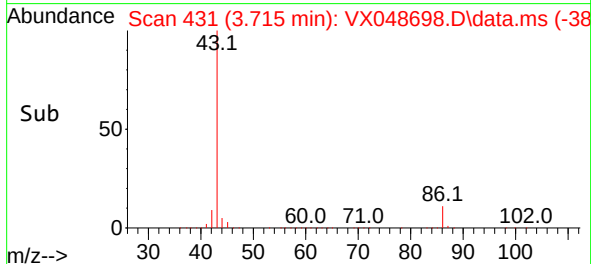
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



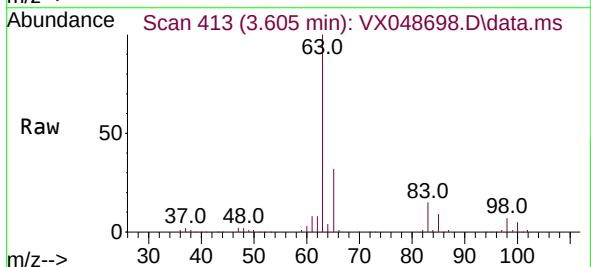
Tgt Ion: 43 Resp: 313825
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

Manual Integrations
 APPROVED

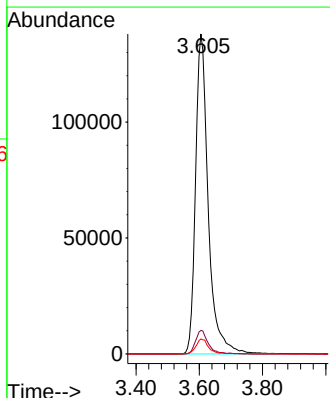
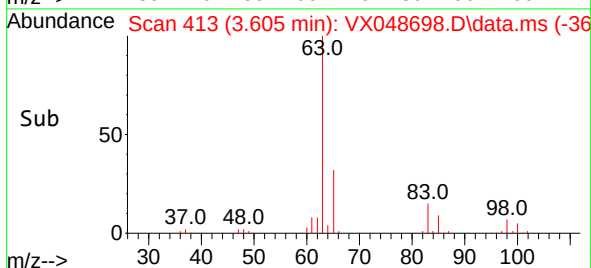
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

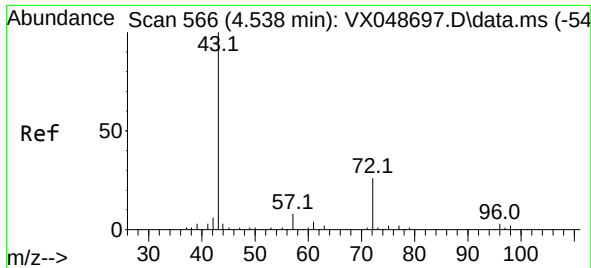


#24
 1,1-Dichloroethane
 Concen: 103.526 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11



Tgt Ion: 63 Resp: 382617
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.7 2.3 6.9





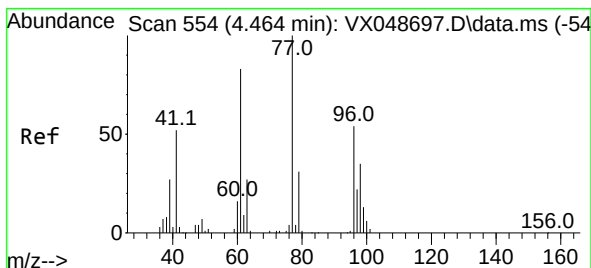
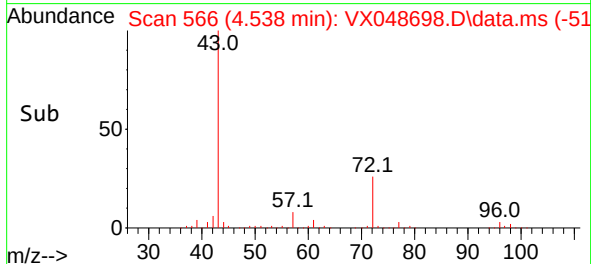
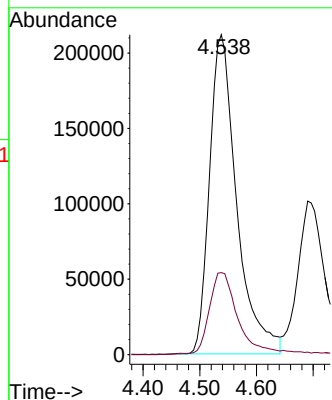
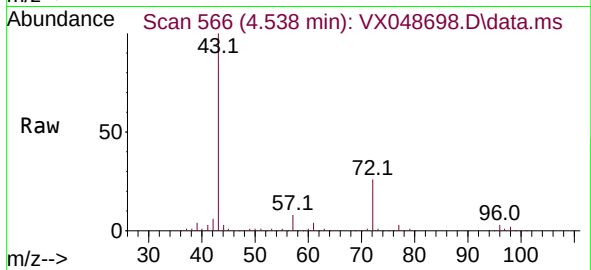
#25
2-Butanone
Concen: 517.769 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 705300
Ion Ratio Lower Upper
43 100
72 25.3 20.6 31.0

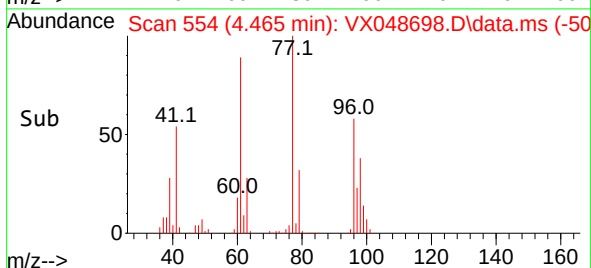
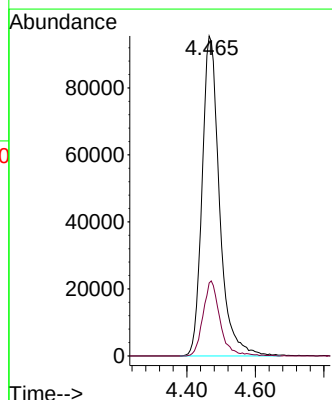
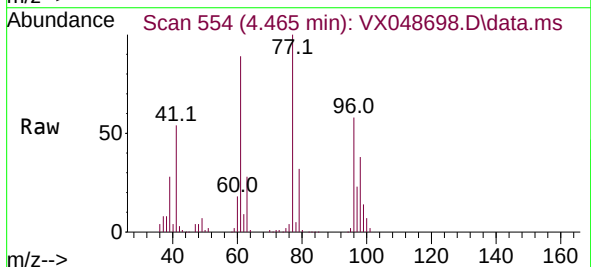
Manual Integrations
APPROVED

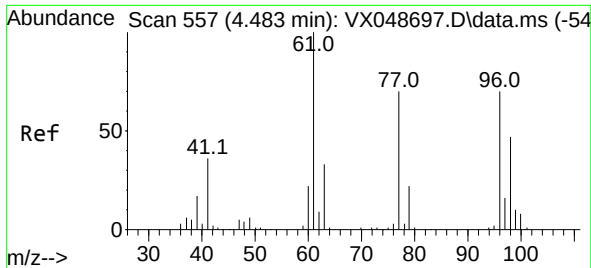
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 99.952 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 77 Resp: 335241
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 101.592 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 251352

Ion Ratio Lower Upper

96 100

61 142.5 0.0 291.6

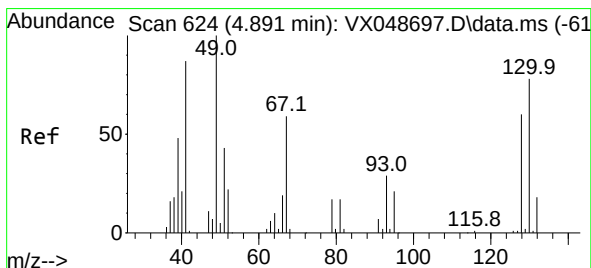
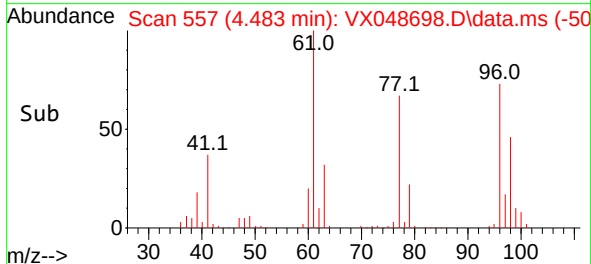
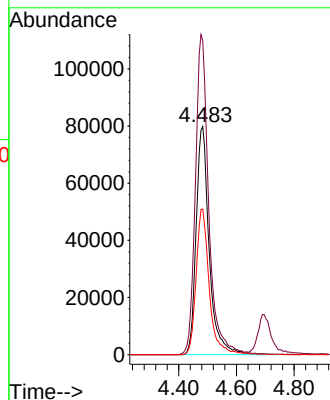
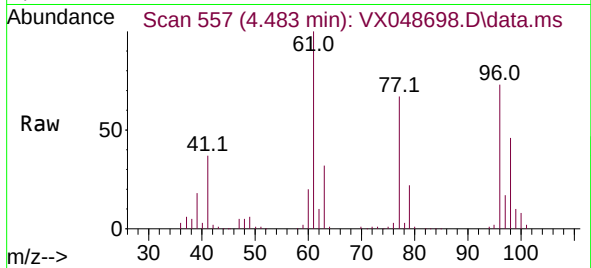
98 64.1 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#28

Bromochloromethane

Concen: 99.977 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

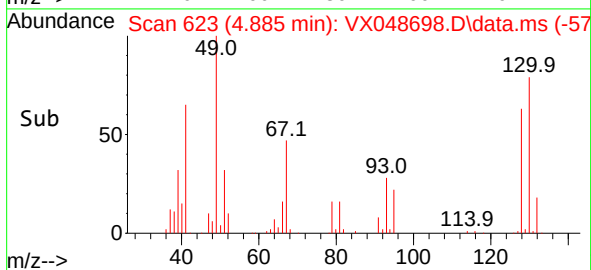
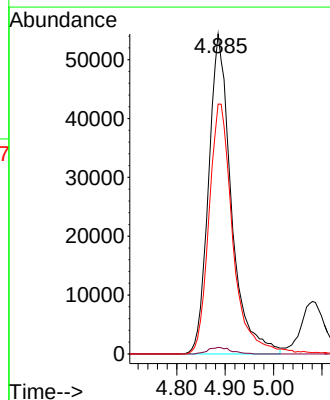
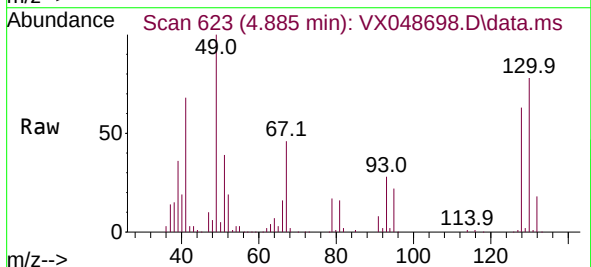
Tgt Ion: 49 Resp: 177412

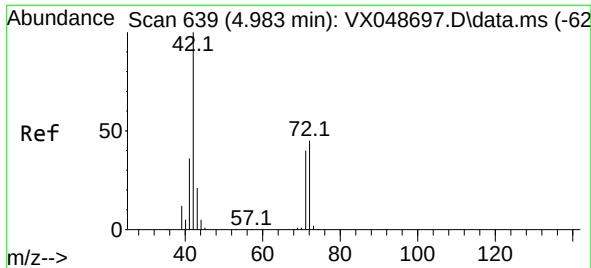
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

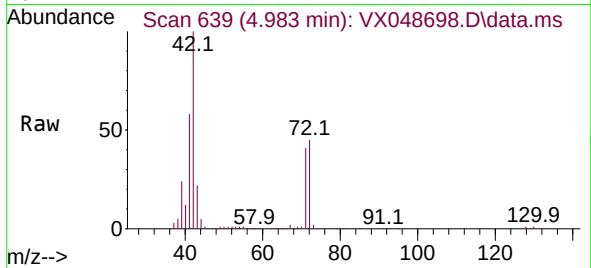
130 82.0 61.8 92.8





#29
Tetrahydrofuran
Concen: 515.007 ug/l
RT: 4.983 min Scan# 639
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

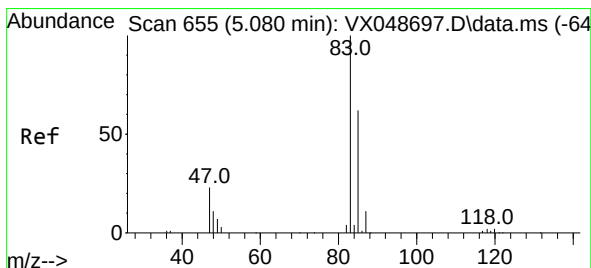
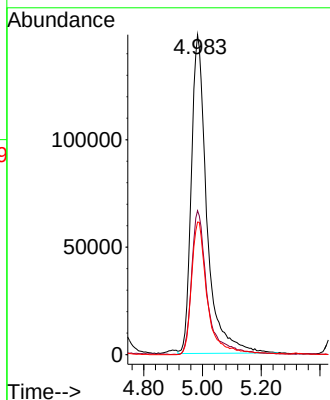
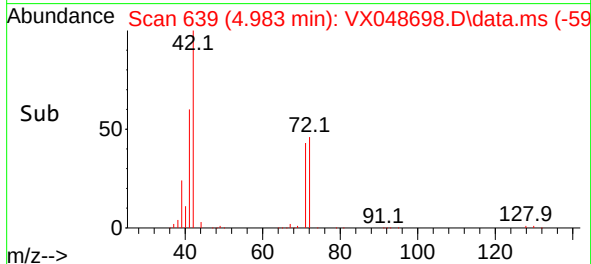
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 544875
Ion Ratio Lower Upper
42 100
72 45.8 36.6 55.0
71 42.3 33.0 49.6

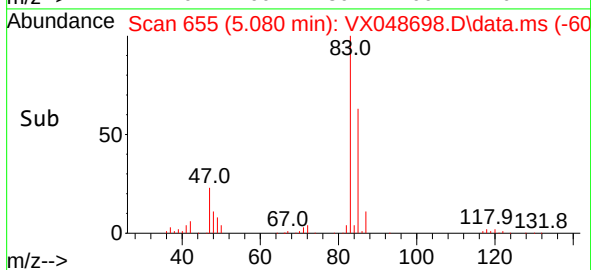
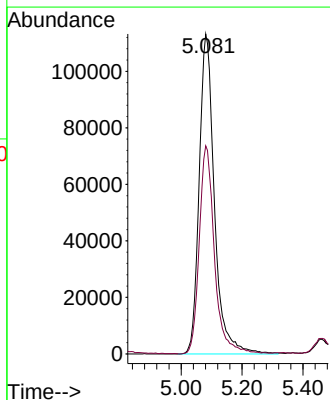
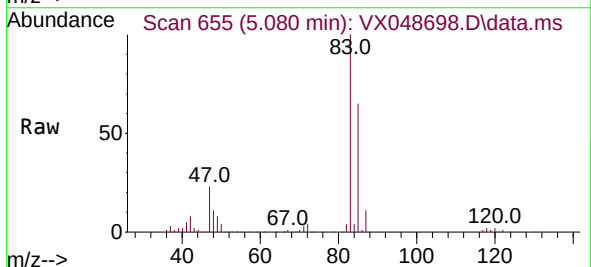
Manual Integrations
APPROVED

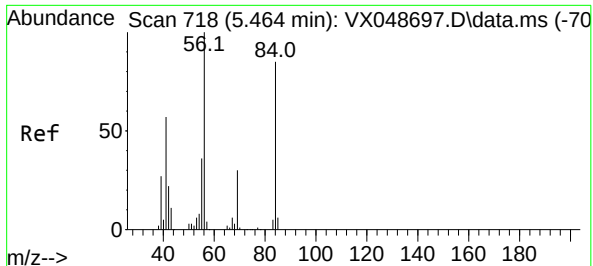
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#30
Chloroform
Concen: 100.387 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

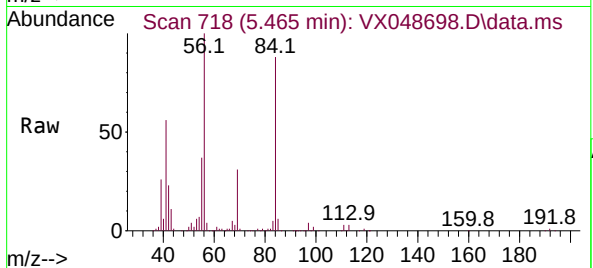
Tgt Ion: 83 Resp: 393031
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4





#31
Cyclohexane
Concen: 102.907 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

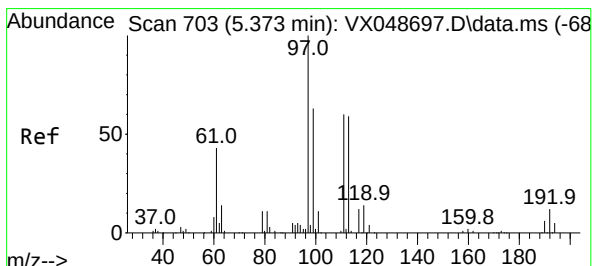
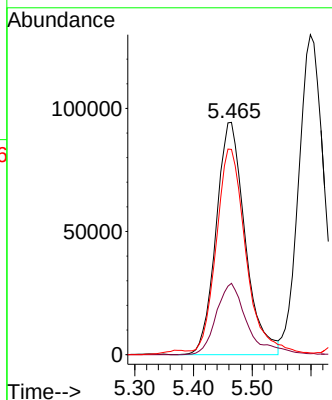
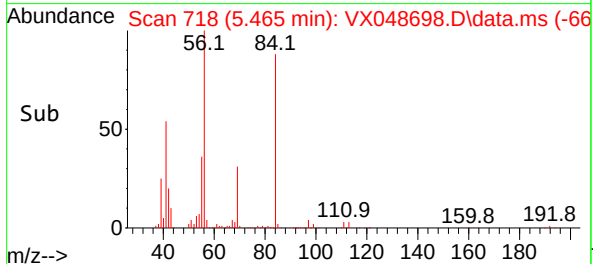
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 324020
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.4
84 86.6 68.2 102.2

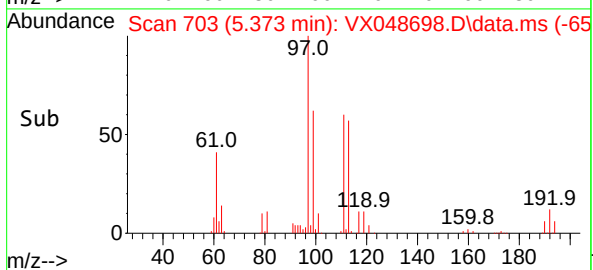
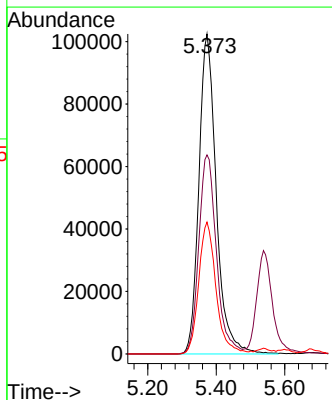
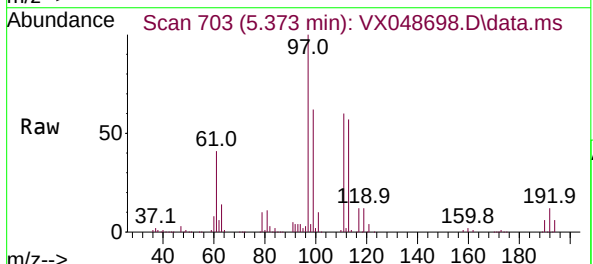
Manual Integrations
APPROVED

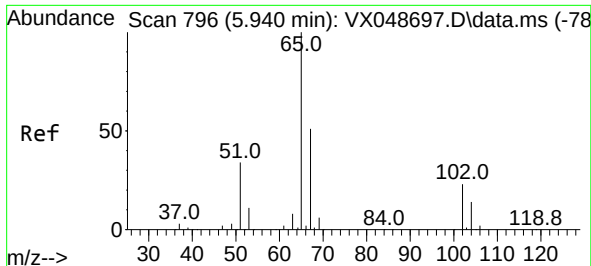
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#32
1,1,1-Trichloroethane
Concen: 101.818 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 97 Resp: 358437
Ion Ratio Lower Upper
97 100
99 63.2 50.2 75.4
61 41.1 34.2 51.4





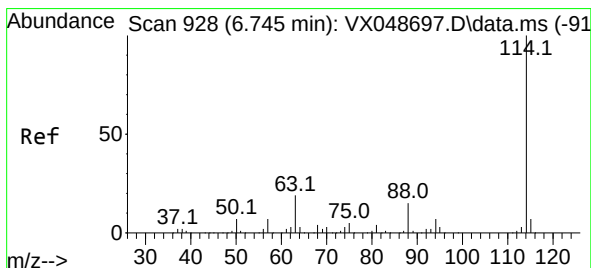
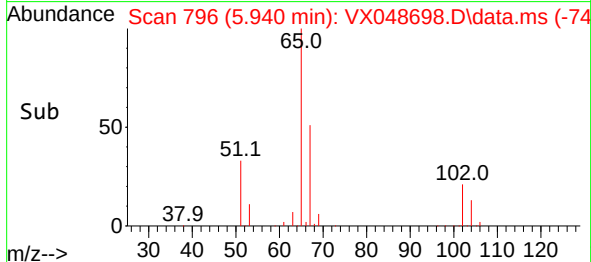
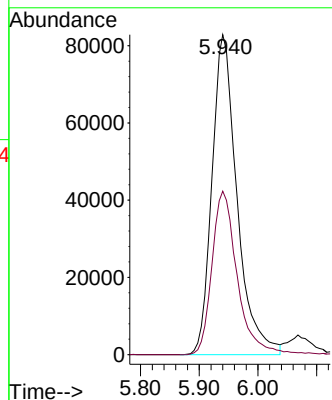
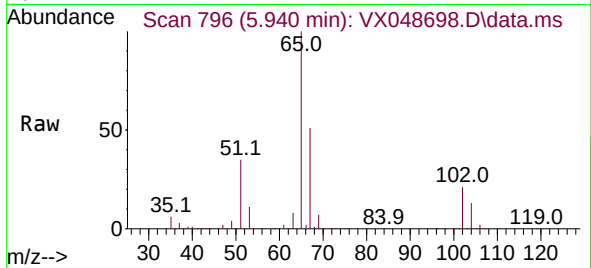
#33
 1,2-Dichloroethane-d4
 Concen: 100.616 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 65 Resp: 245514
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0

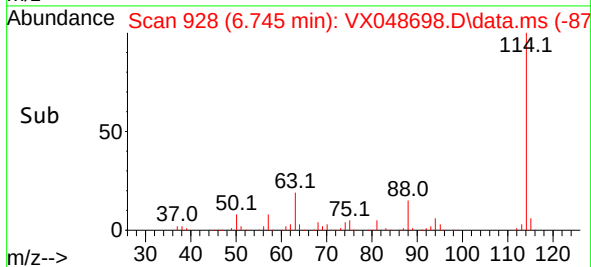
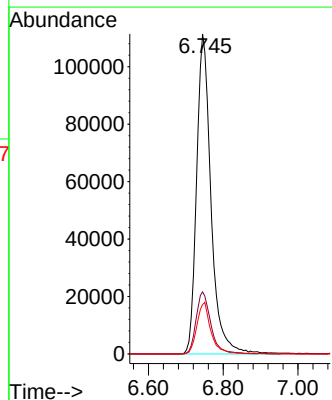
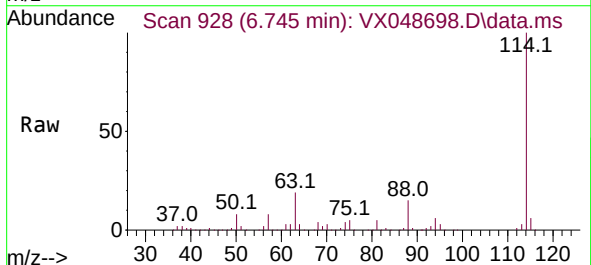
Manual Integrations
 APPROVED

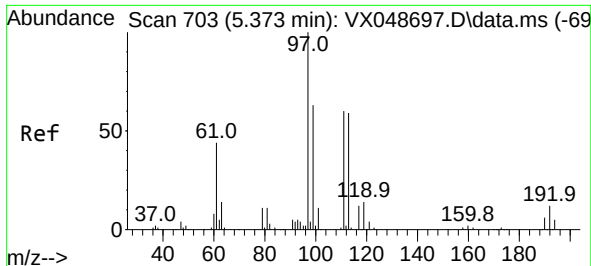
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11

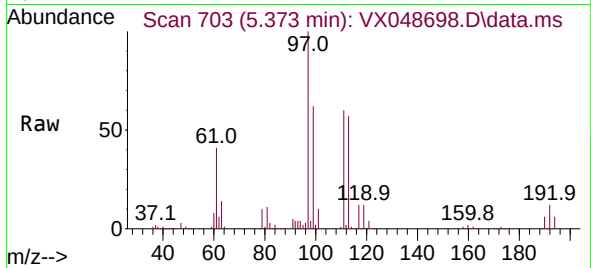
Tgt Ion:114 Resp: 297110
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 15.4 0.0 31.0





#35
Dibromofluoromethane
Concen: 99.371 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

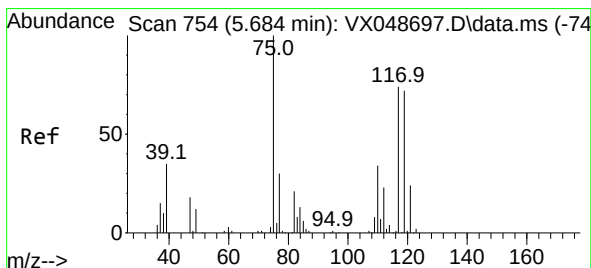
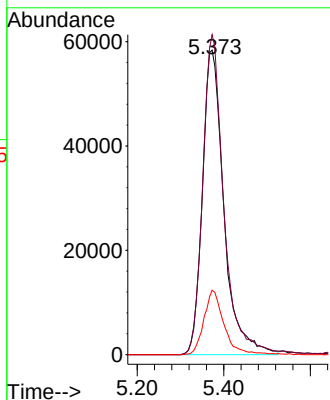
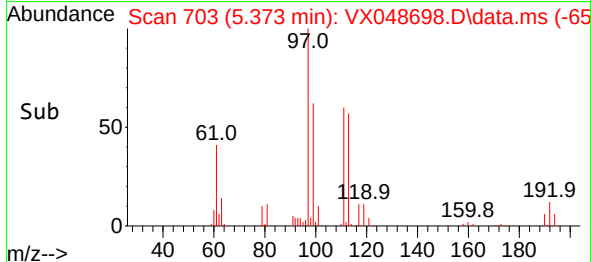
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 201237
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.8 15.5 23.3

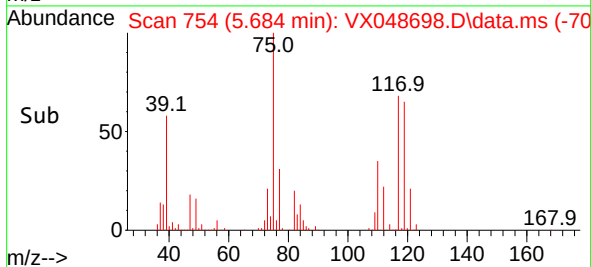
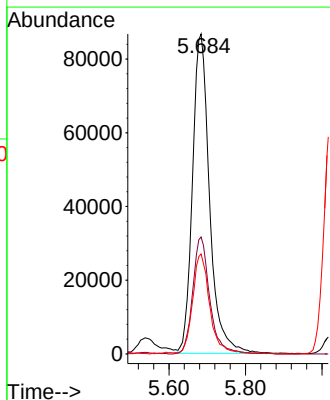
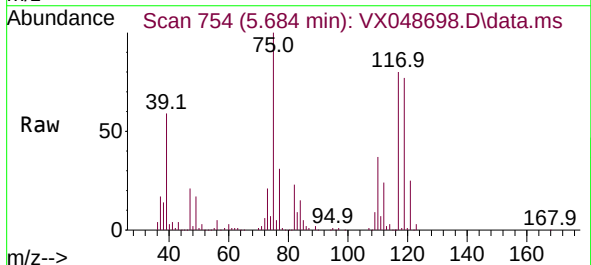
Manual Integrations
APPROVED

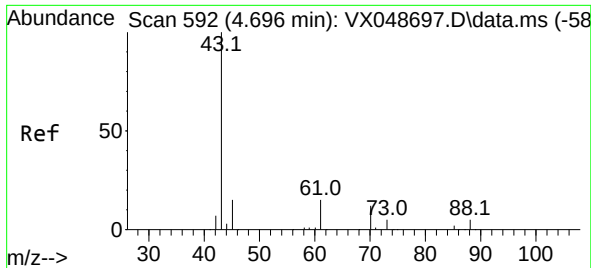
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 98.222 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 75 Resp: 268764
Ion Ratio Lower Upper
75 100
110 36.5 17.3 51.9
77 30.7 24.9 37.3





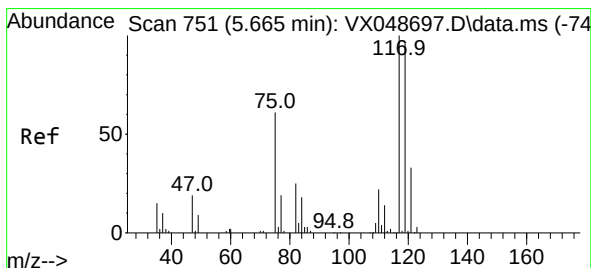
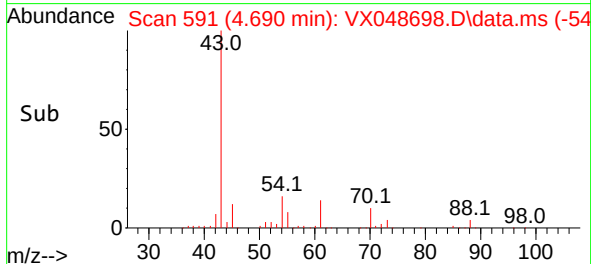
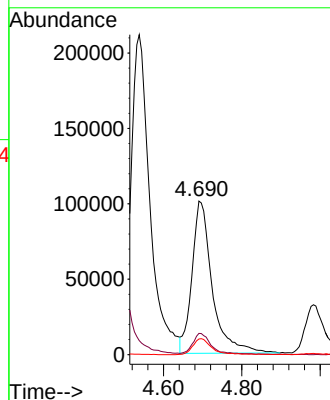
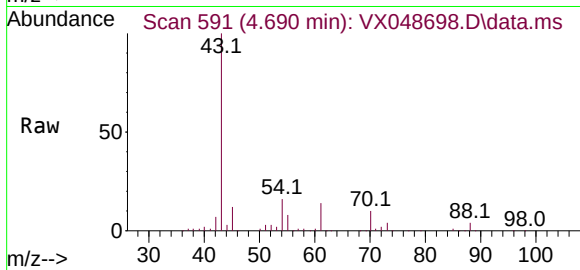
#37
Ethyl Acetate
Concen: 100.148 ug/l
RT: 4.690 min Scan# 592
Delta R.T. -0.006 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 361838
Ion Ratio Lower Upper
43 100
61 12.6 9.4 14.0
70 9.6 7.3 10.9

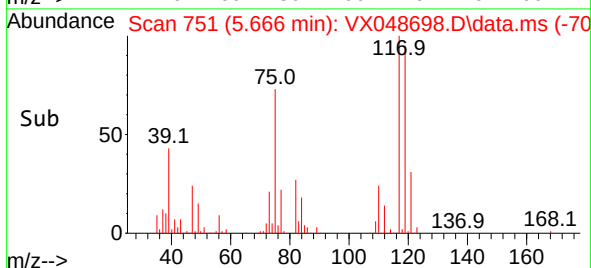
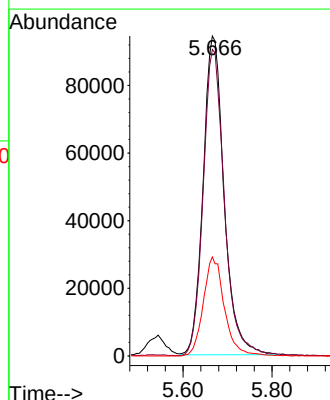
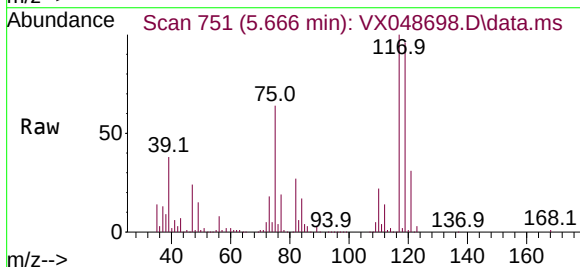
Manual Integrations
APPROVED

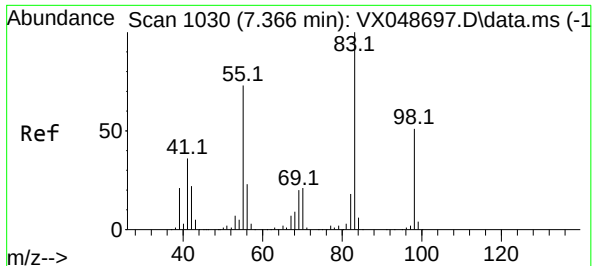
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 98.266 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion:117 Resp: 308990
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0
121 31.1 26.1 39.1





#39

Methylcyclohexane

Concen: 106.500 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 339189

Ion Ratio Lower Upper

83 100

55 74.9 58.2 87.2

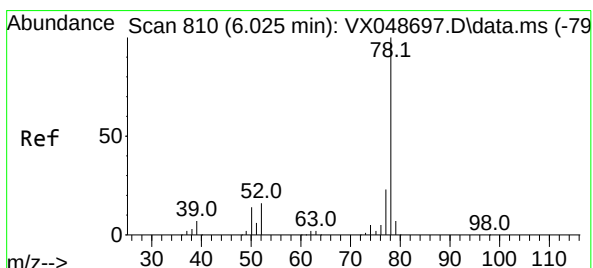
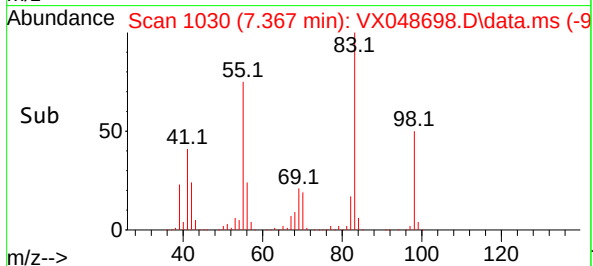
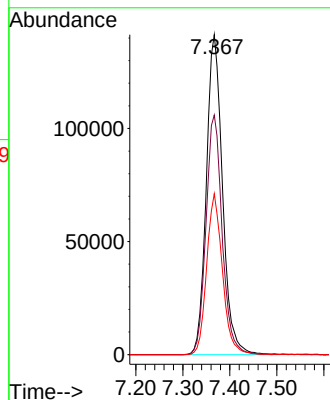
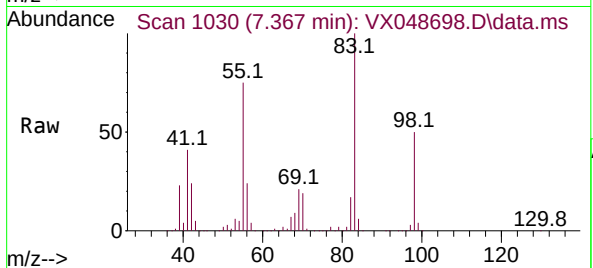
98 50.3 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 102.380 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048698.D

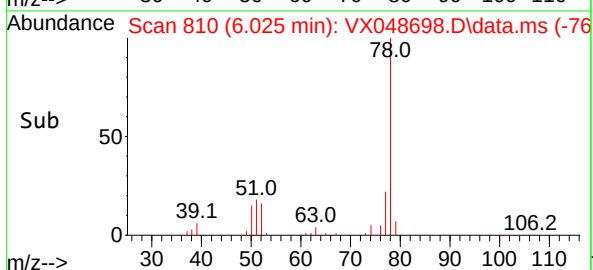
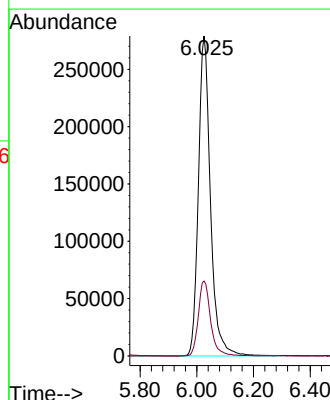
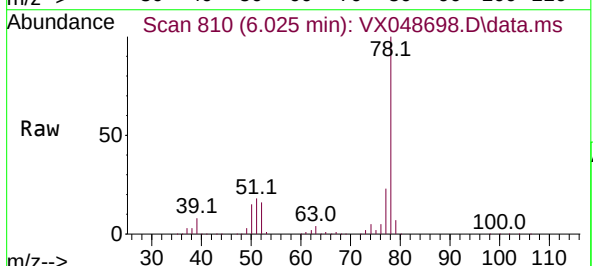
Acq: 03 Dec 2025 10:11

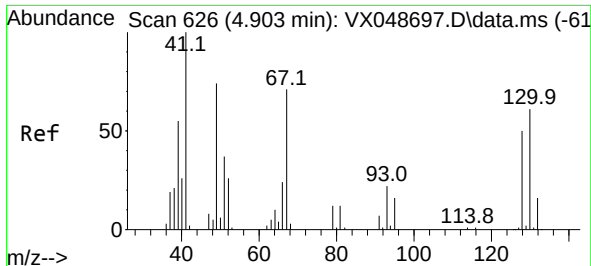
Tgt Ion: 78 Resp: 823411

Ion Ratio Lower Upper

78 100

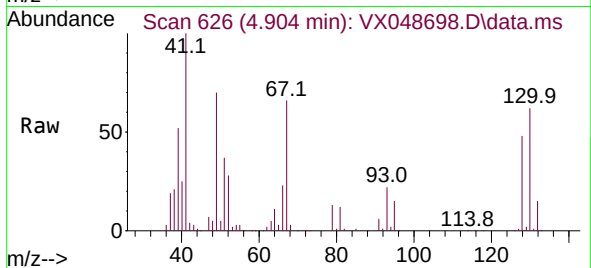
77 23.4 18.5 27.7





#41
Methacrylonitrile
Concen: 104.469 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

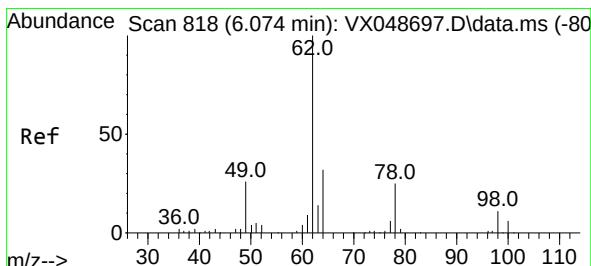
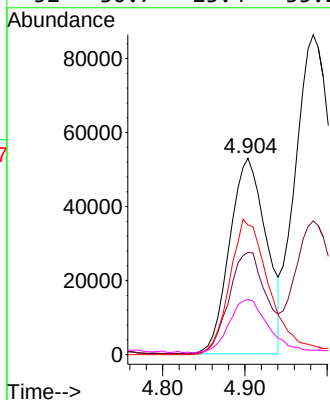
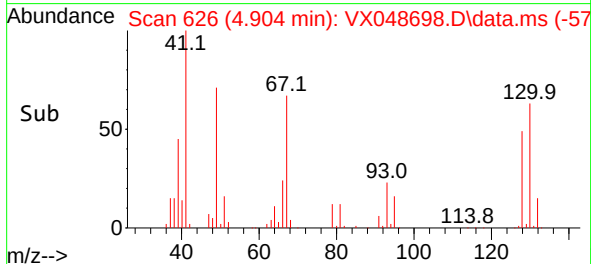
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 16426
Ion Ratio Lower Upper
41 100
39 52.7 44.9 67.3
67 78.7 63.7 95.5
52 30.7 23.4 35.2

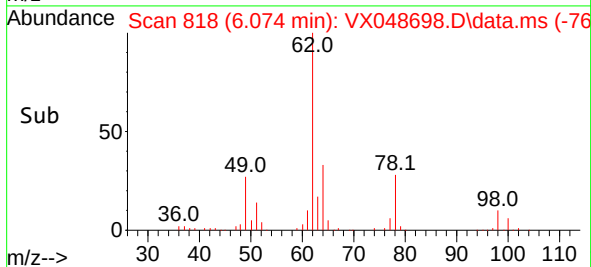
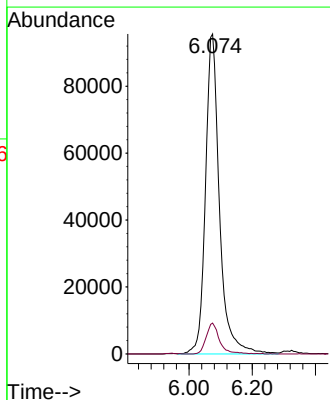
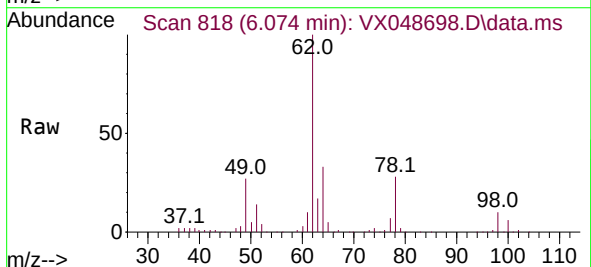
Manual Integrations
APPROVED

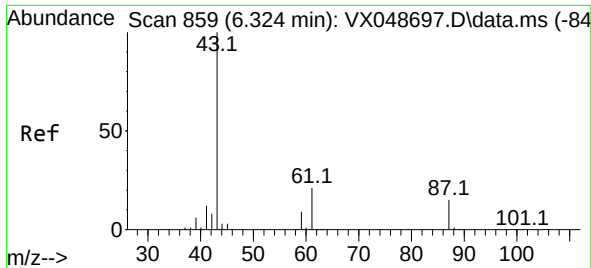
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 101.339 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 62 Resp: 292666
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.0





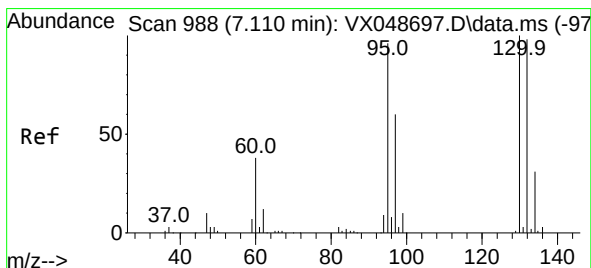
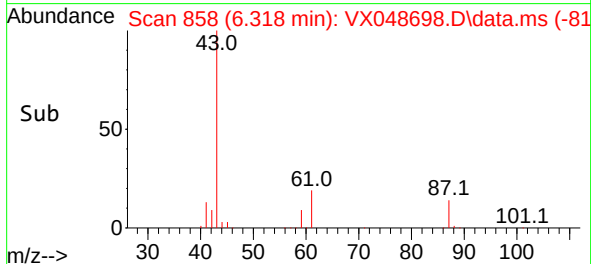
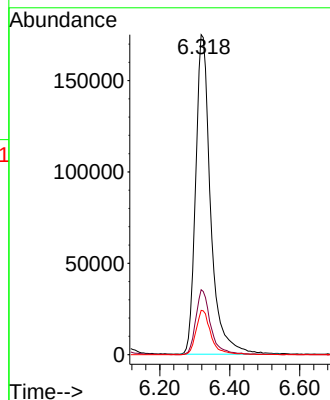
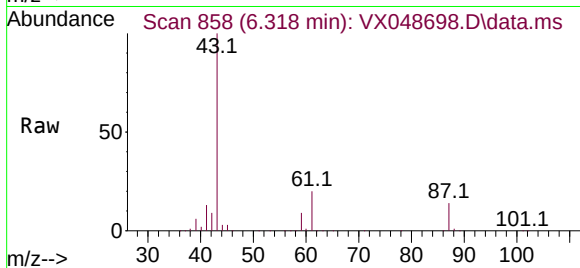
#43
Isopropyl Acetate
Concen: 106.314 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 518635
Ion Ratio Lower Upper
43 100
61 20.1 17.3 25.9
87 13.7 11.8 17.6

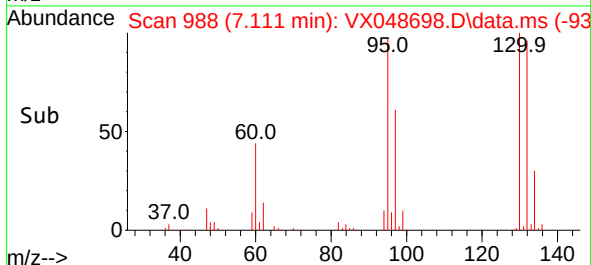
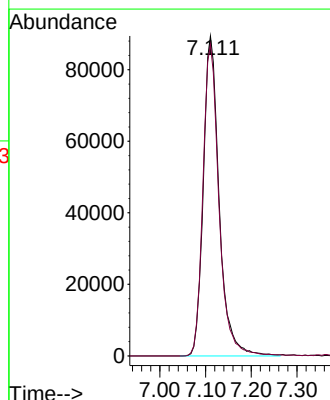
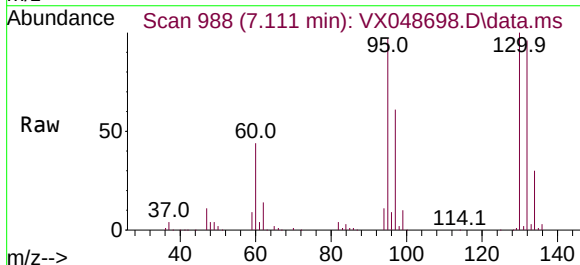
Manual Integrations
APPROVED

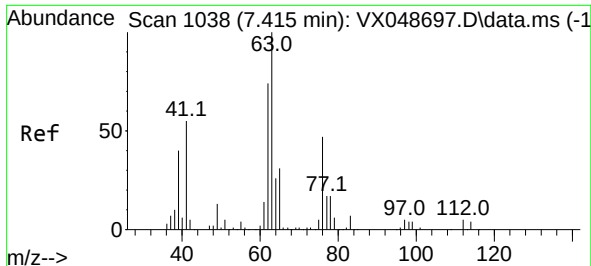
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 101.931 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion:130 Resp: 215822
Ion Ratio Lower Upper
130 100
95 97.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 103.641 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 20373

Ion Ratio Lower Upper

63 100

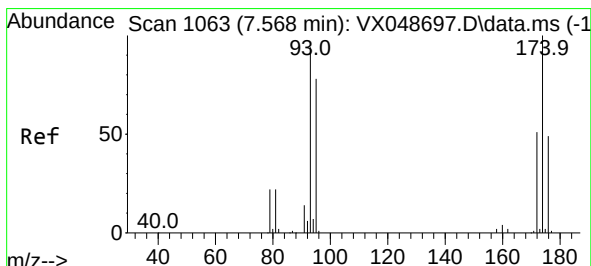
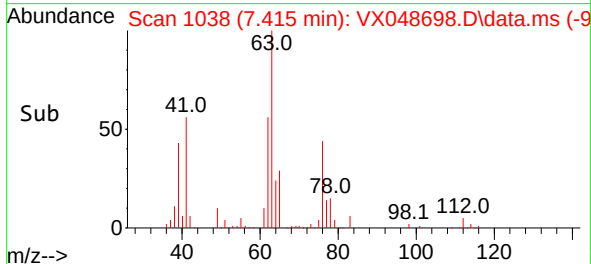
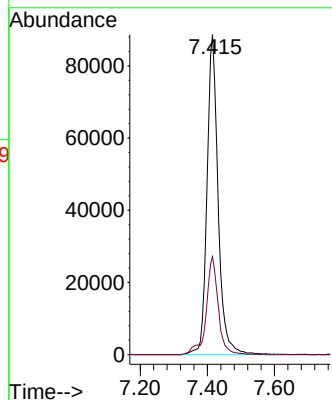
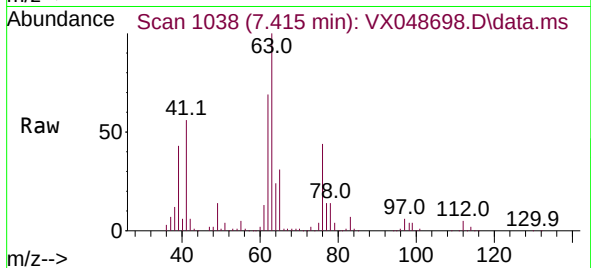
65 30.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 103.986 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

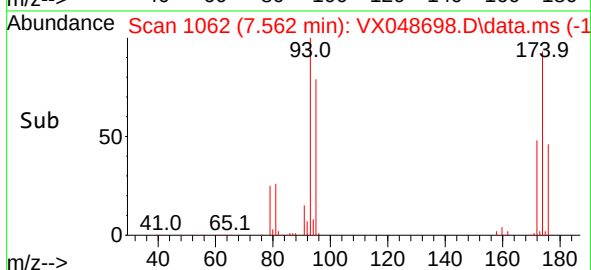
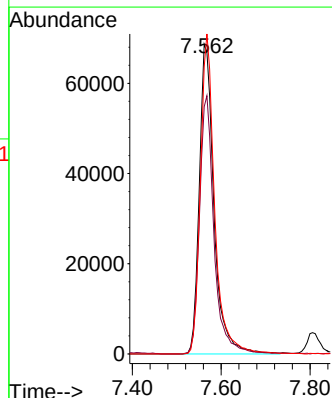
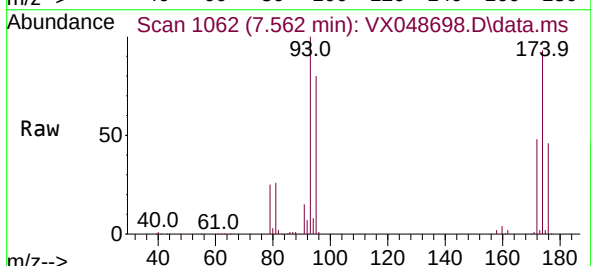
Tgt Ion: 93 Resp: 157260

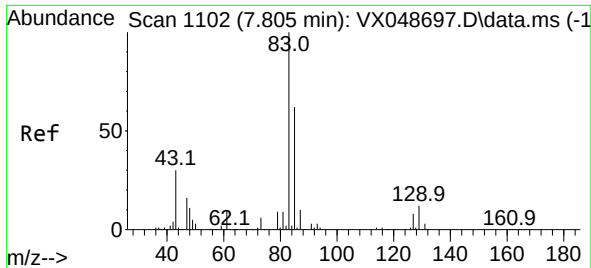
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

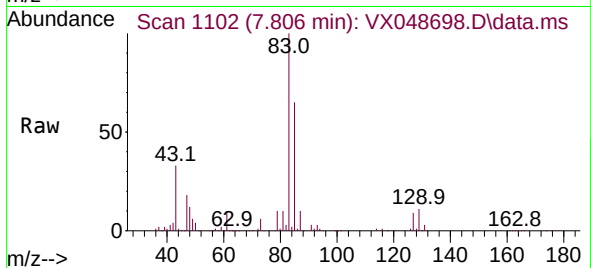
174 100.2 86.1 129.1





#47
Bromodichloromethane
Concen: 102.432 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

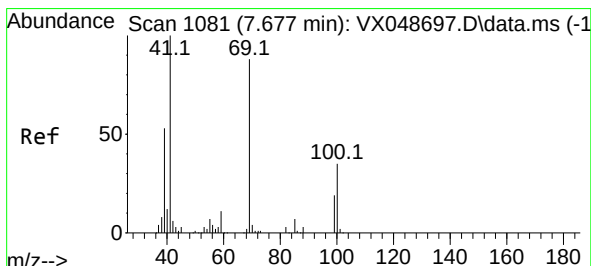
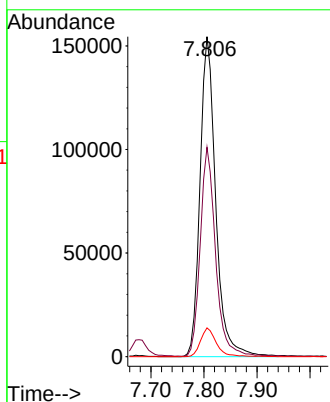
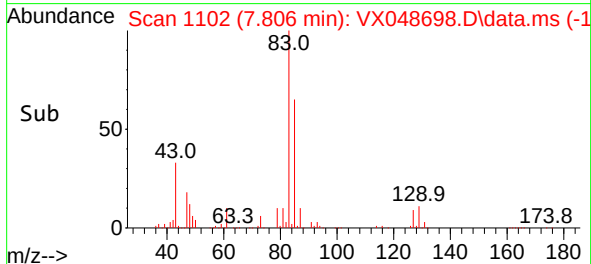
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 317582
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.8
127 9.0 6.7 10.1

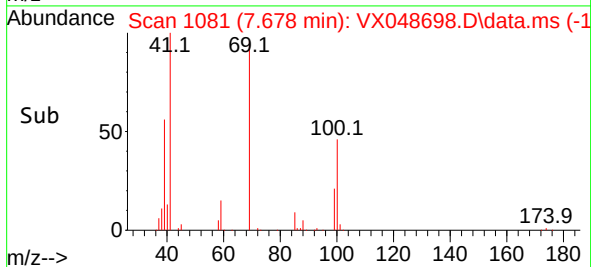
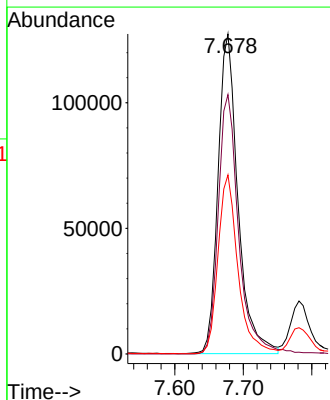
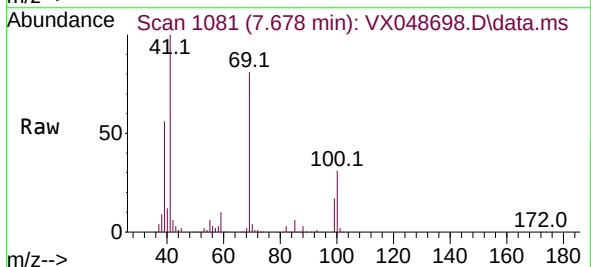
Manual Integrations
APPROVED

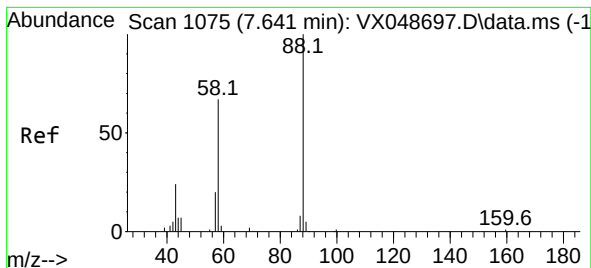
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#48
Methyl methacrylate
Concen: 110.793 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 41 Resp: 258230
Ion Ratio Lower Upper
41 100
69 83.5 70.9 106.3
39 55.9 42.0 63.0





#49

1,4-Dioxane

Concen: 2129.247 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 60694

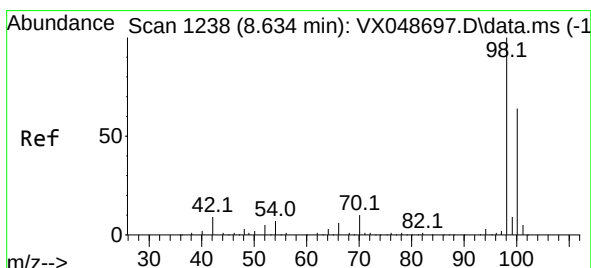
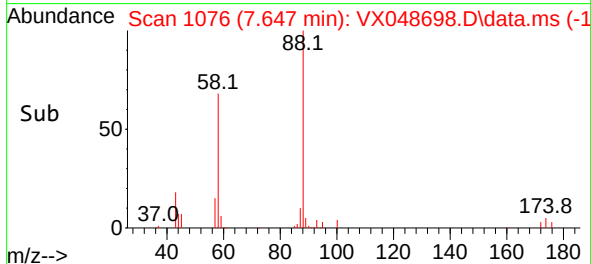
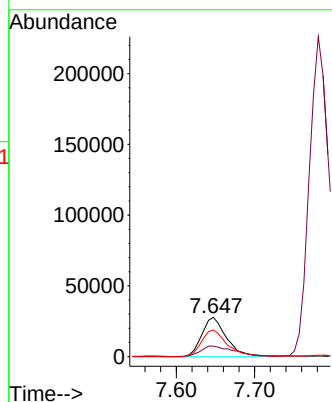
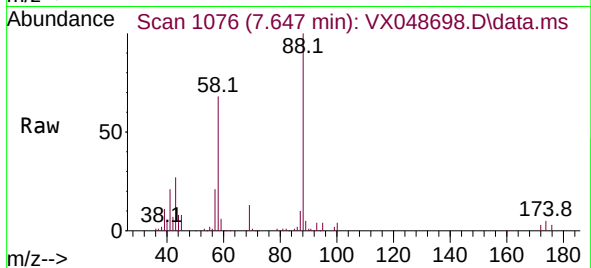
Ion	Ratio	Lower	Upper
88	100		
43	36.7	27.9	41.9
58	71.4	54.9	82.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 101.314 ug/l

RT: 8.635 min Scan# 1238

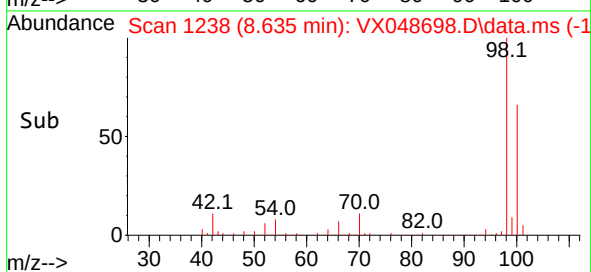
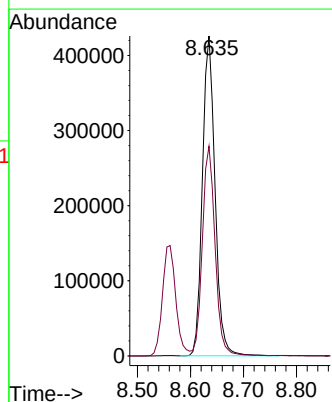
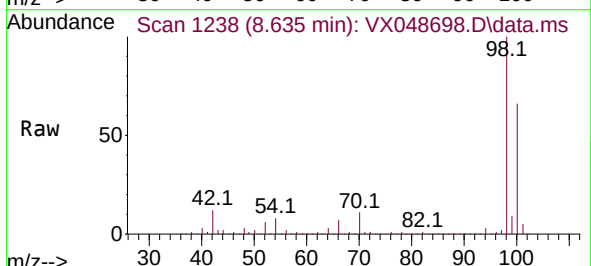
Delta R.T. 0.000 min

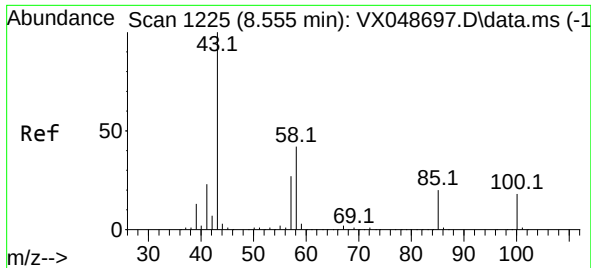
Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Tgt Ion: 98 Resp: 703578

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.2





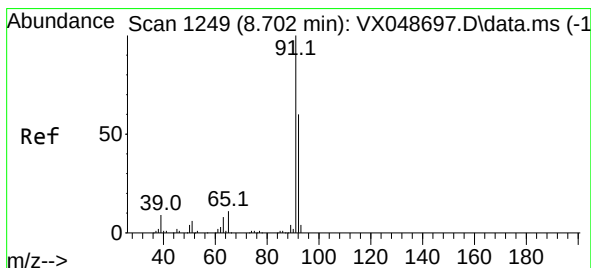
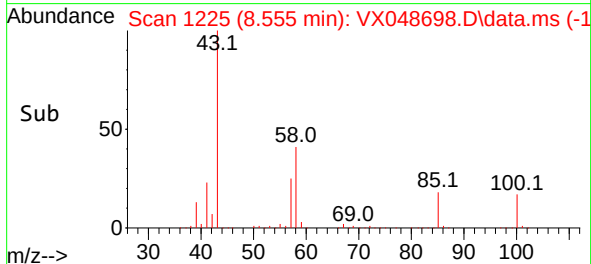
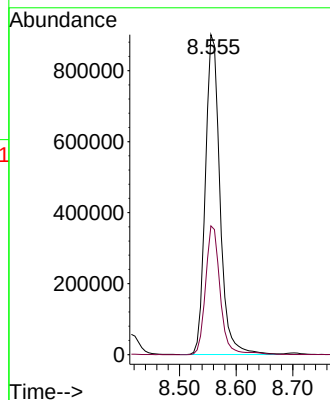
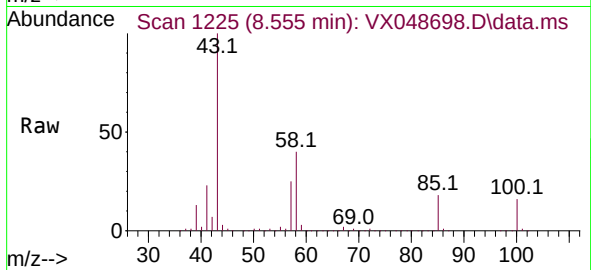
#51
4-Methyl-2-Pentanone
Concen: 524.040 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 161134
Ion Ratio Lower Upper
43 100
58 40.4 33.6 50.4

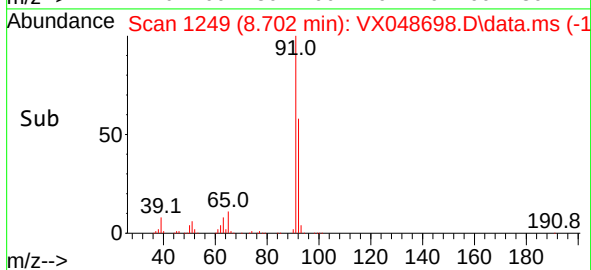
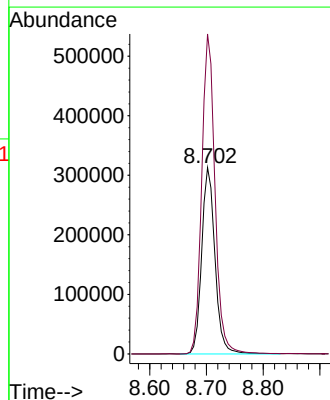
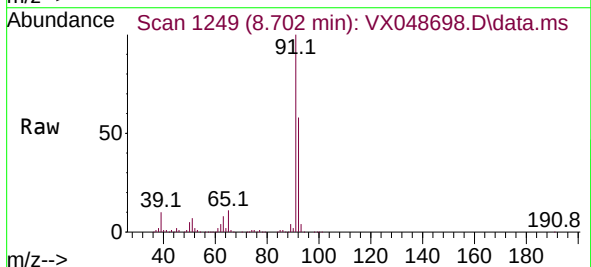
Manual Integrations
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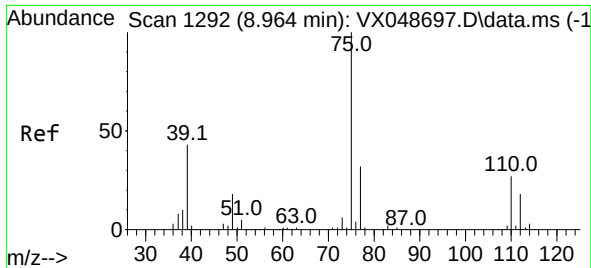
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 102.978 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 92 Resp: 508284
Ion Ratio Lower Upper
92 100
91 171.5 134.7 202.1





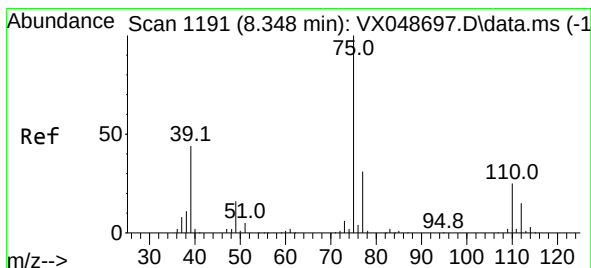
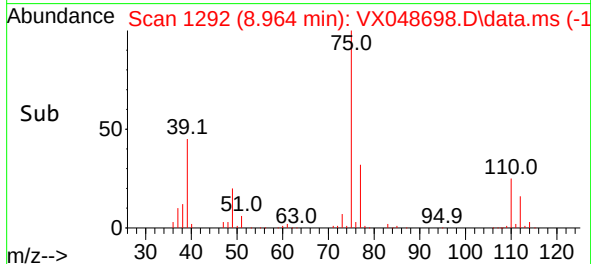
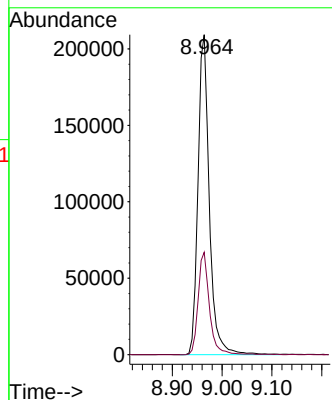
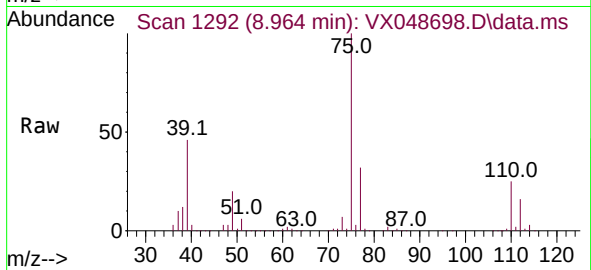
#53
t-1,3-Dichloropropene
Concen: 106.622 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 329068
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9

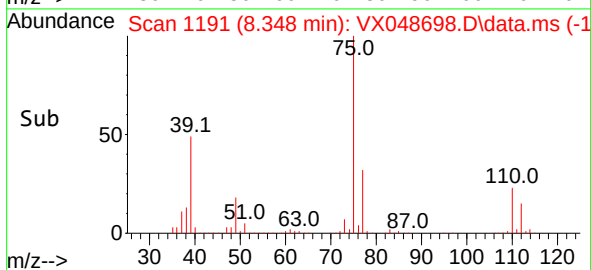
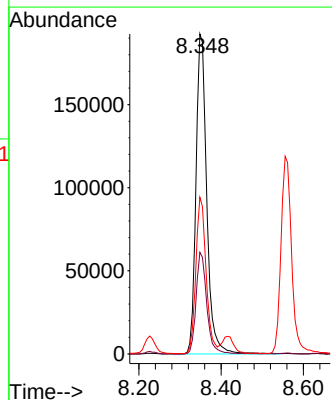
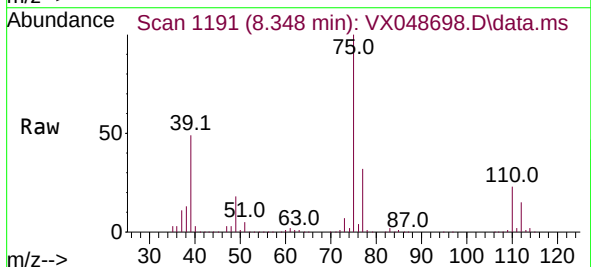
Manual Integrations
APPROVED

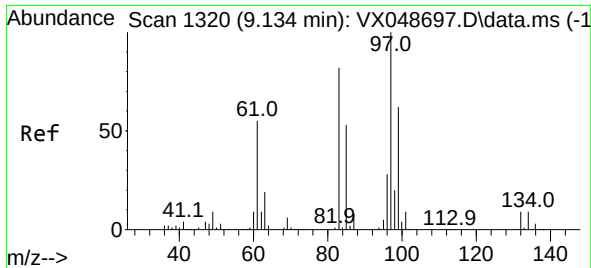
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 106.922 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

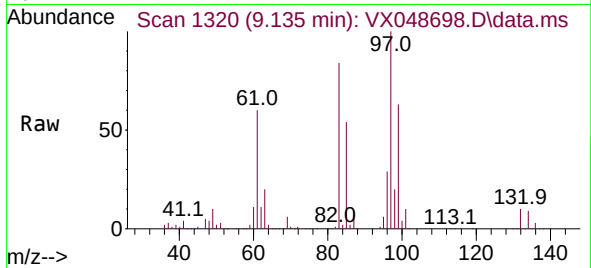
Tgt Ion: 75 Resp: 349999
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 48.8 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 102.183 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

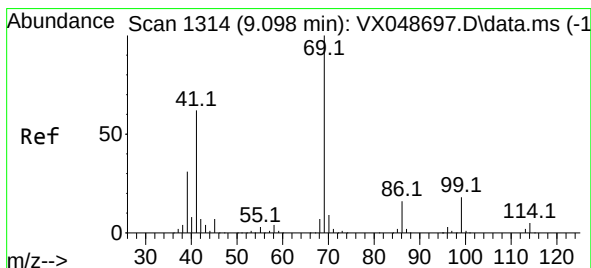
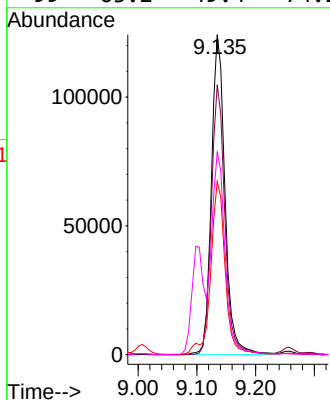
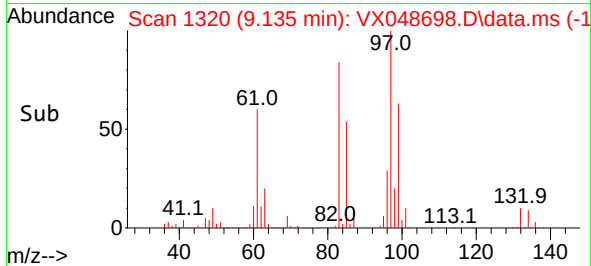
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



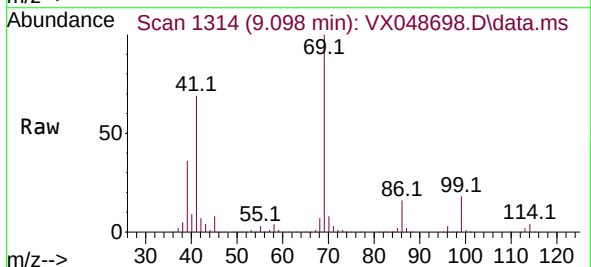
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.6
85	54.0	42.5	63.7
99	63.2	49.4	74.2

Manual Integrations
APPROVED

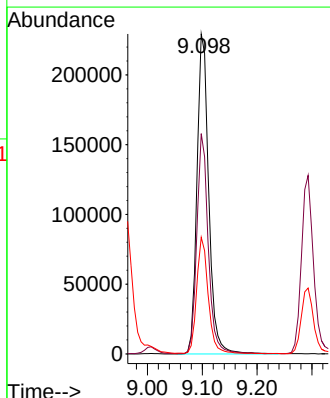
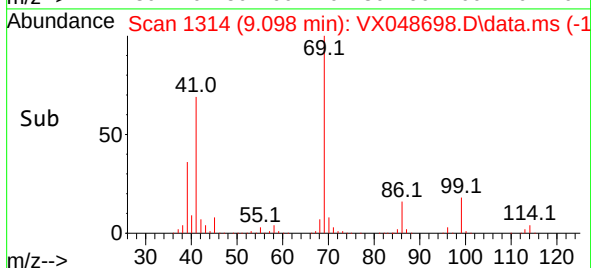
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

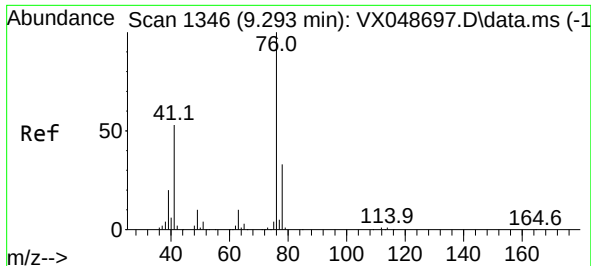


#56
Ethyl methacrylate
Concen: 108.631 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	49.0	73.6
39	35.8	25.1	37.7





#57

1,3-Dichloropropane

Concen: 101.750 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 334994

Ion Ratio Lower Upper

76 100

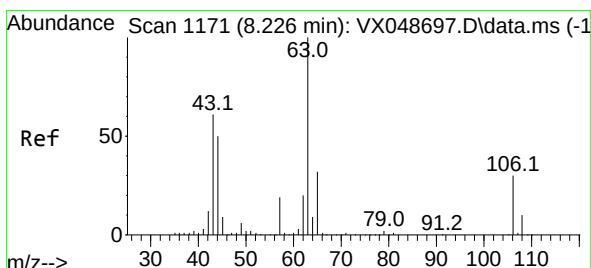
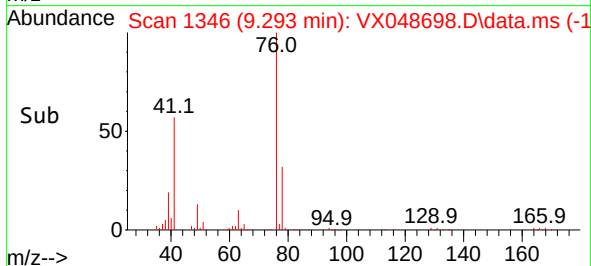
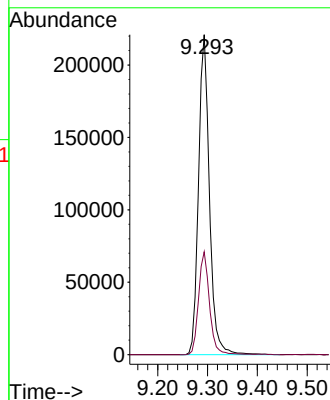
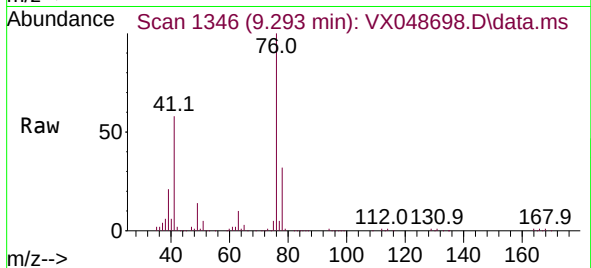
78 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 578.723 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048698.D

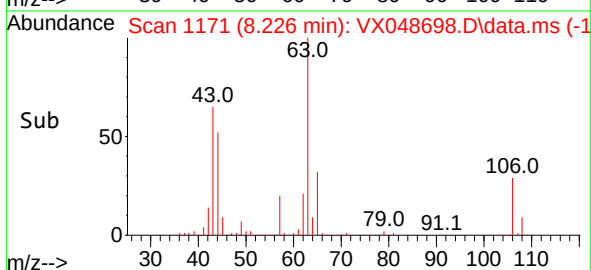
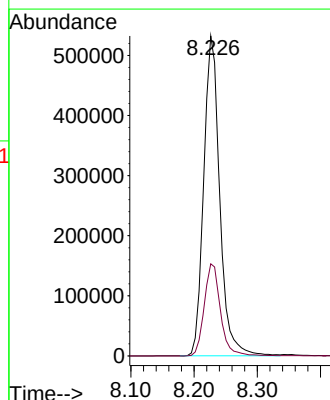
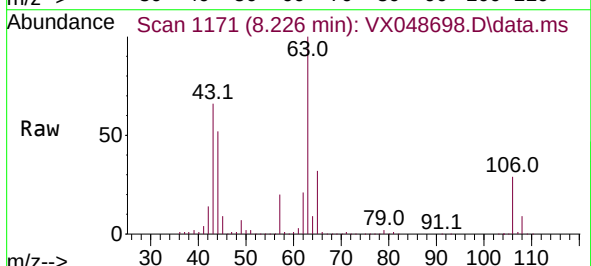
Acq: 03 Dec 2025 10:11

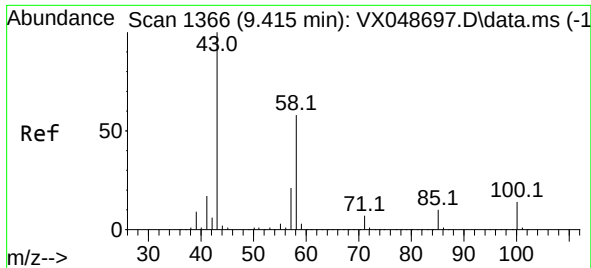
Tgt Ion: 63 Resp: 935316

Ion Ratio Lower Upper

63 100

106 29.1 24.6 37.0





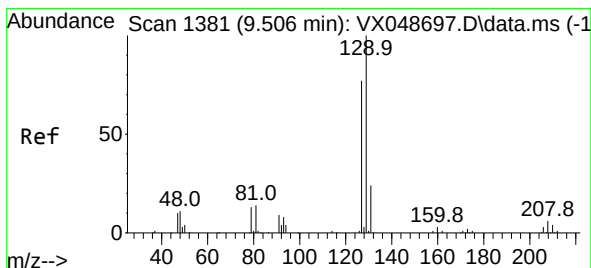
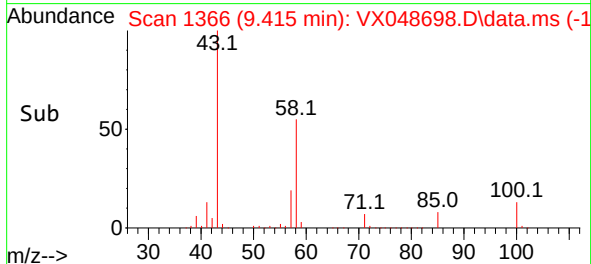
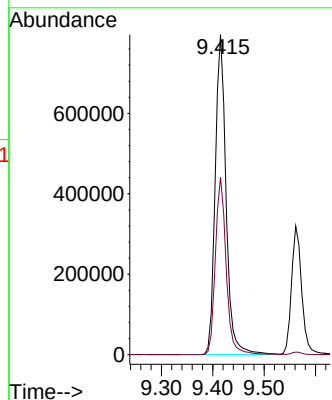
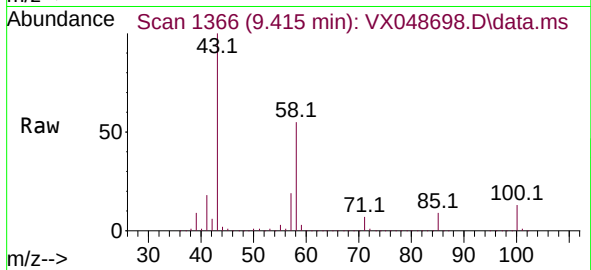
#59
2-Hexanone
Concen: 530.934 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1171379
Ion Ratio Lower Upper
43 100
58 55.1 28.8 86.5

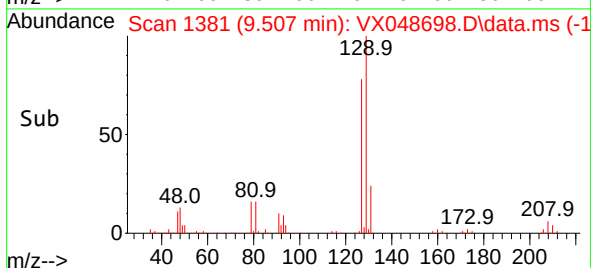
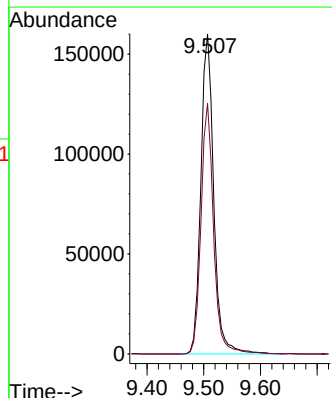
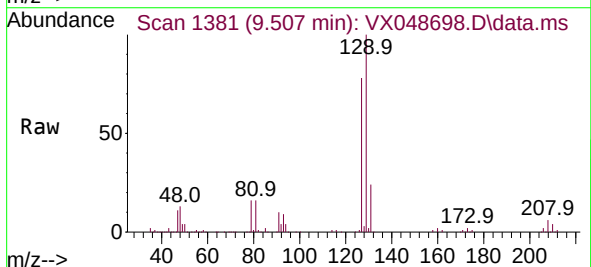
Manual Integrations
APPROVED

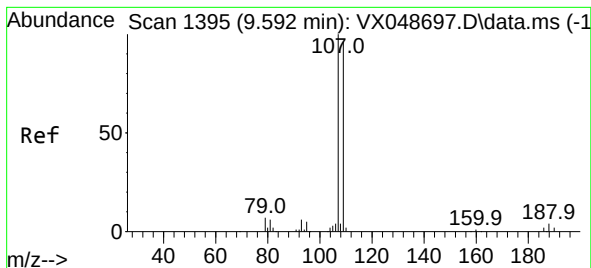
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 103.269 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

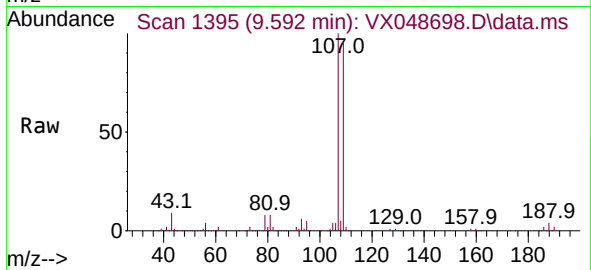
Tgt Ion:129 Resp: 252046
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9





#61
1,2-Dibromoethane
Concen: 100.876 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

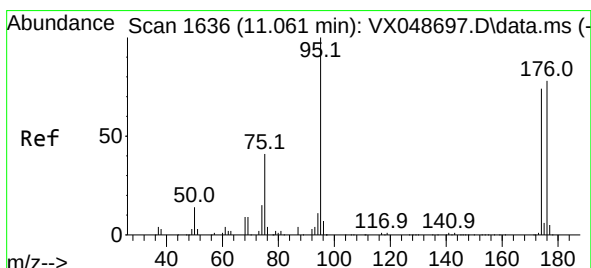
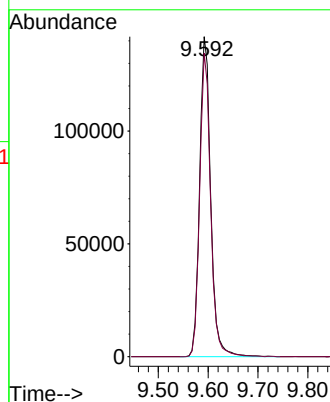
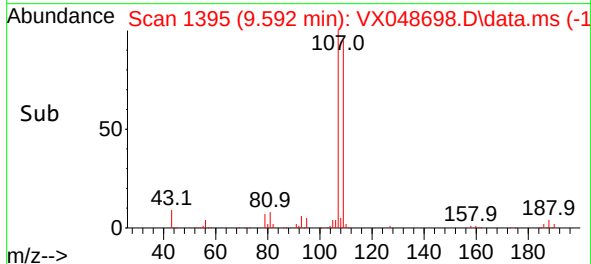
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 218252
Ion Ratio Lower Upper
107 100
109 93.8 75.5 113.3

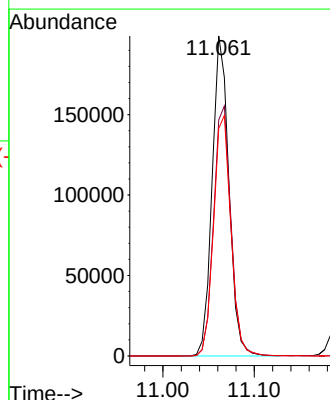
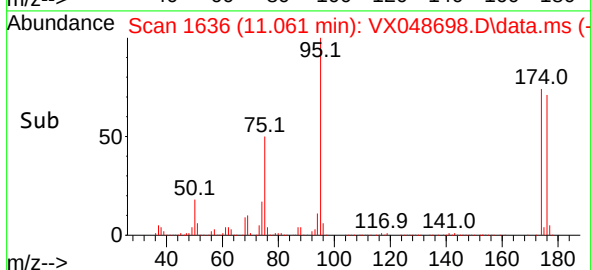
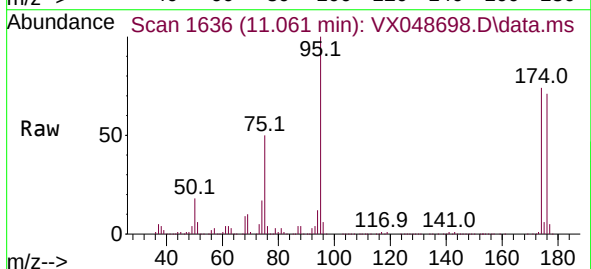
Manual Integrations
APPROVED

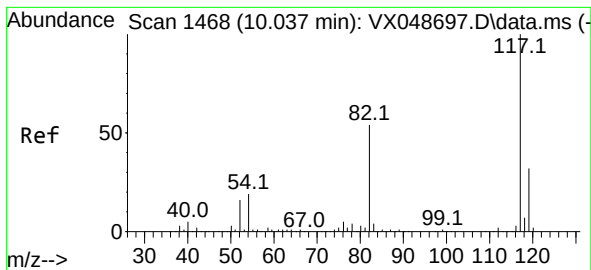
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 99.476 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

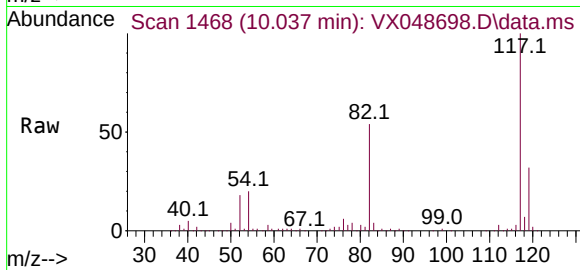
Tgt Ion: 95 Resp: 253523
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.6
176 77.9 0.0 163.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

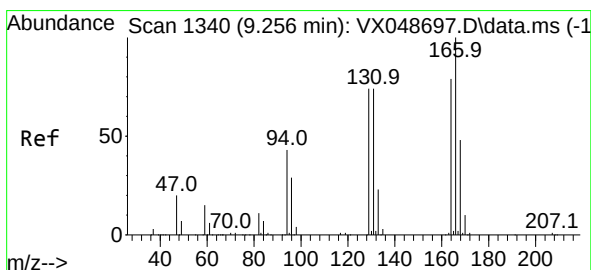
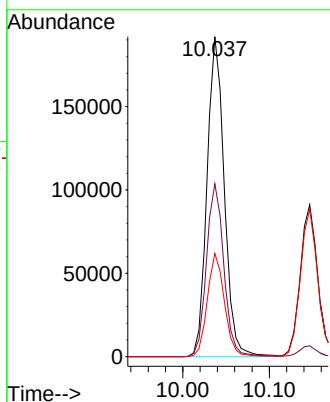
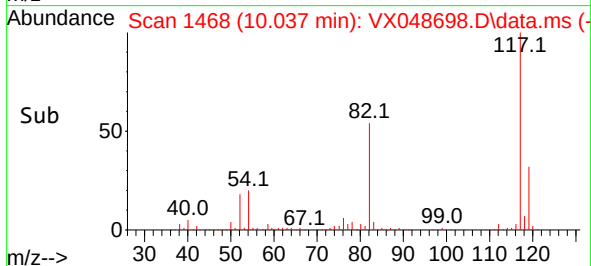
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 265633
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 32.2 25.3 37.9

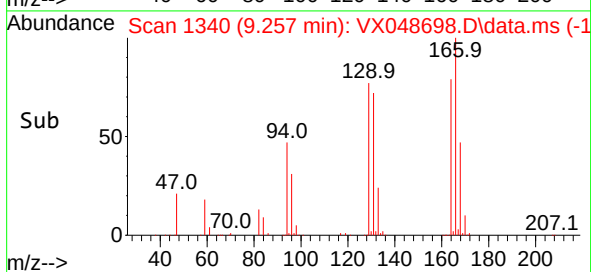
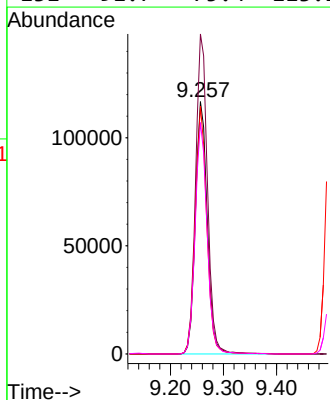
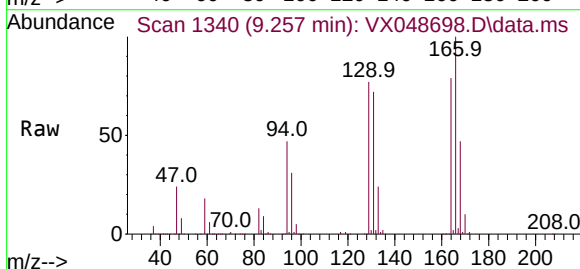
Manual Integrations
APPROVED

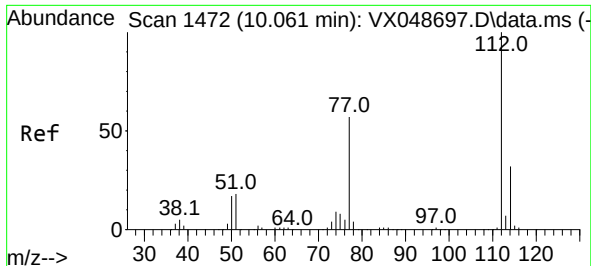
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 99.738 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

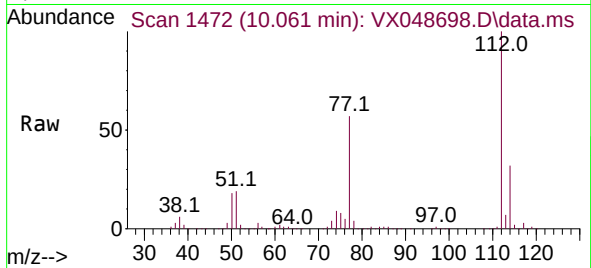
Tgt Ion:164 Resp: 181937
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.2
129 98.1 75.5 113.3
131 91.7 75.4 113.2





#65
Chlorobenzene
Concen: 102.937 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

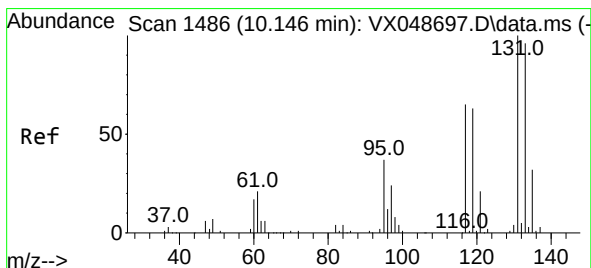
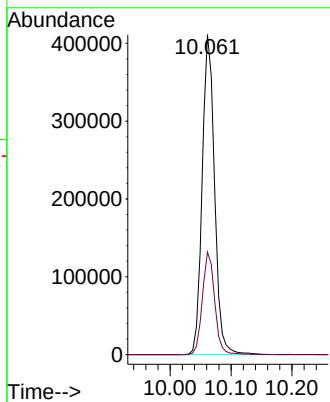
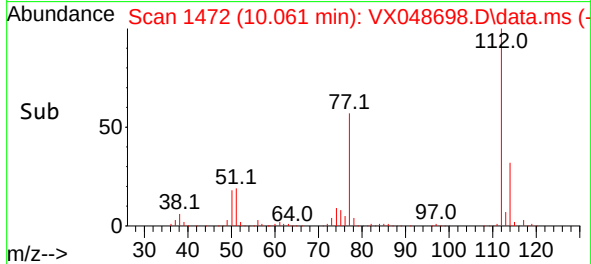
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:112 Resp: 579250
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

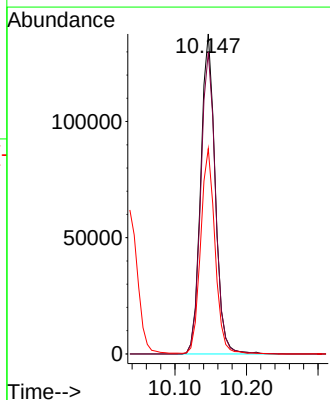
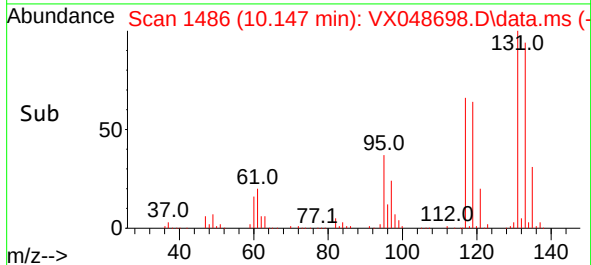
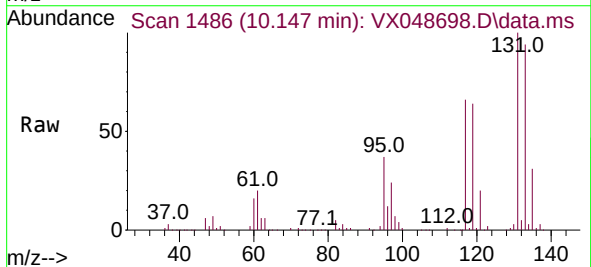
Manual Integrations
APPROVED

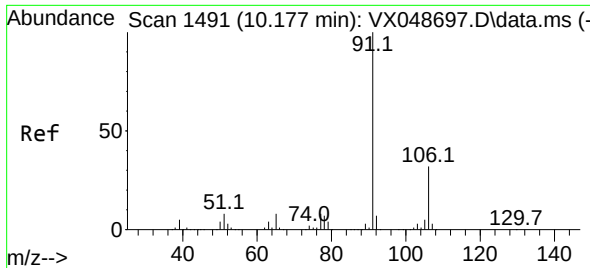
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 98.647 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

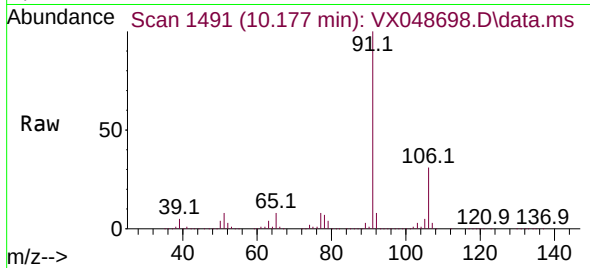
Tgt Ion:131 Resp: 193125
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 98.612 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

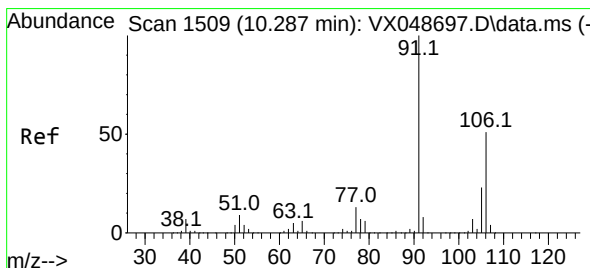
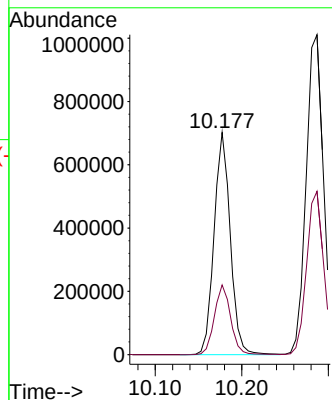
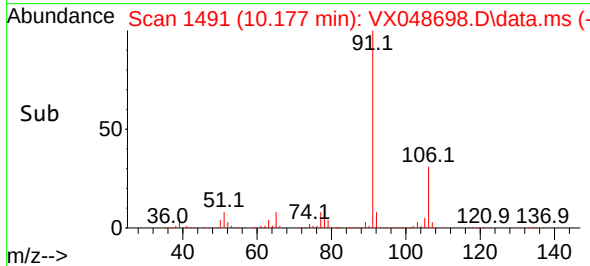
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



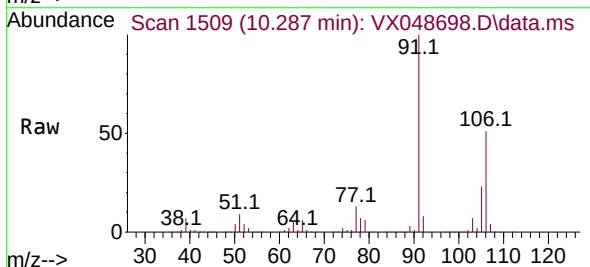
Tgt Ion: 91 Resp: 911614
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

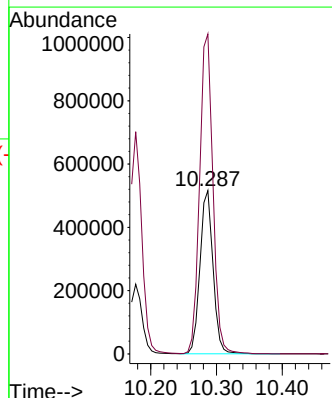
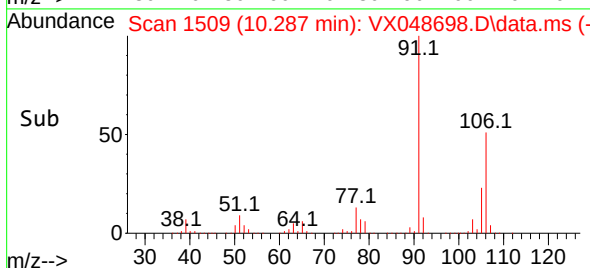
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

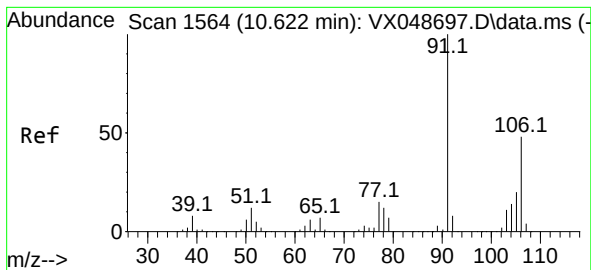


#68
m/p-Xylenes
Concen: 200.011 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



Tgt Ion:106 Resp: 712246
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.6





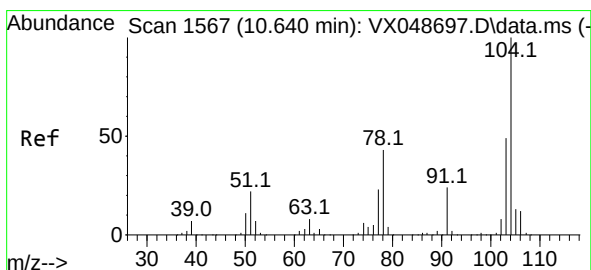
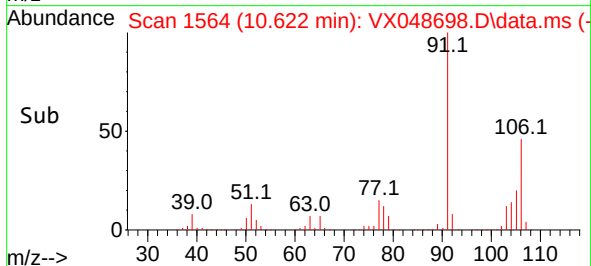
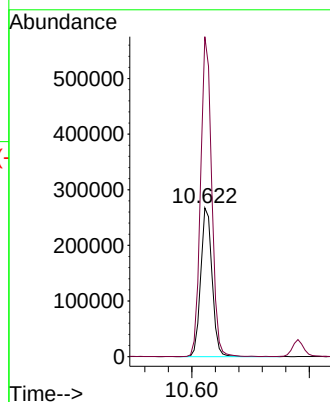
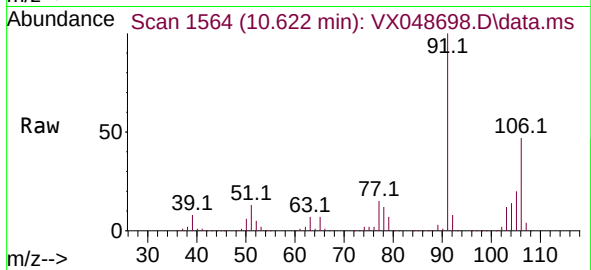
#69
o-Xylene
Concen: 104.608 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 358891
Ion Ratio Lower Upper
106 100
91 210.3 106.1 318.3

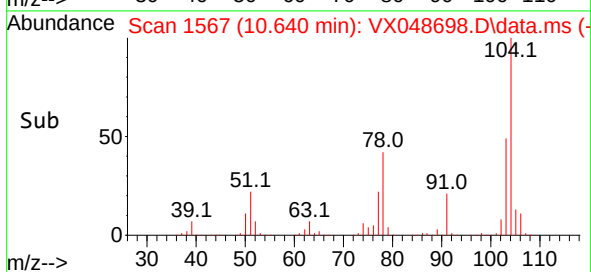
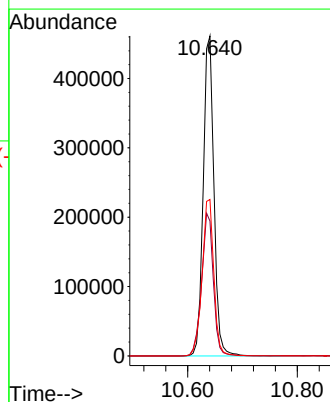
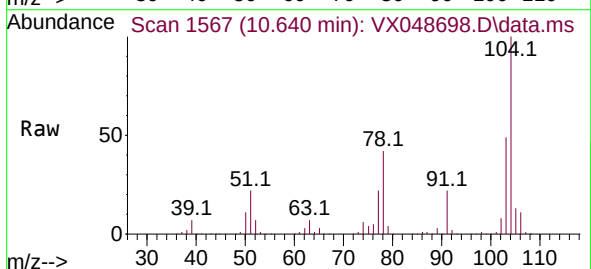
Manual Integrations
APPROVED

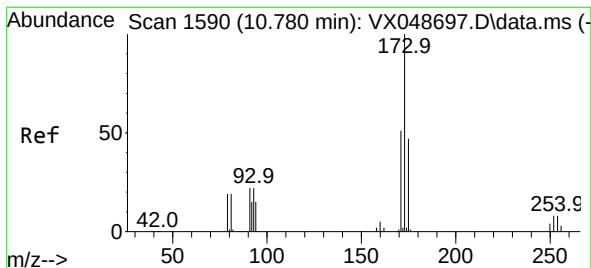
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 107.907 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion:104 Resp: 622225
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 53.5 43.0 64.4





#71

Bromoform

Concen: 104.520 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 186379

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

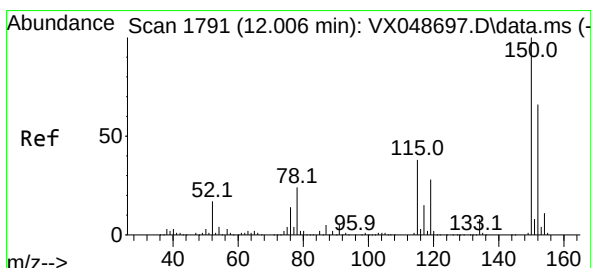
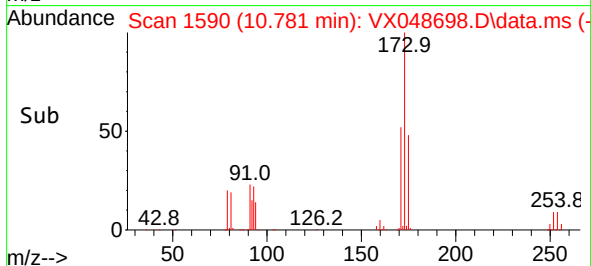
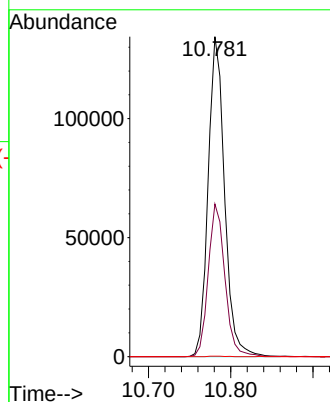
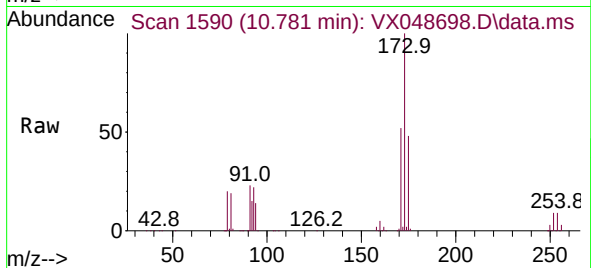
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

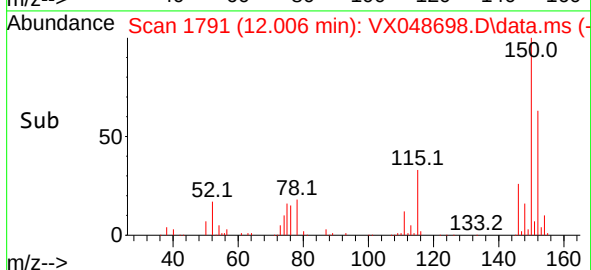
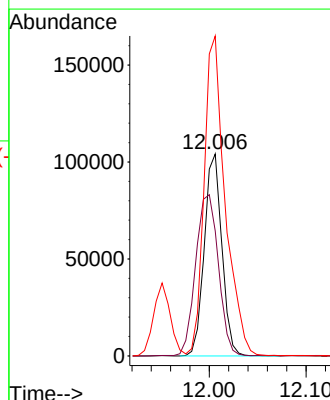
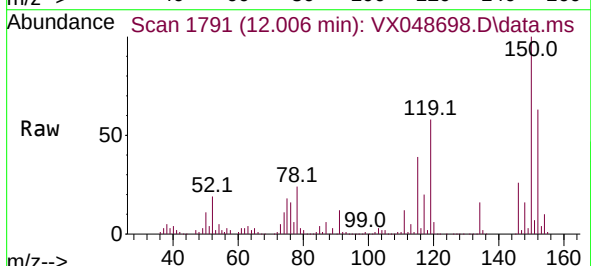
Tgt Ion:152 Resp: 131215

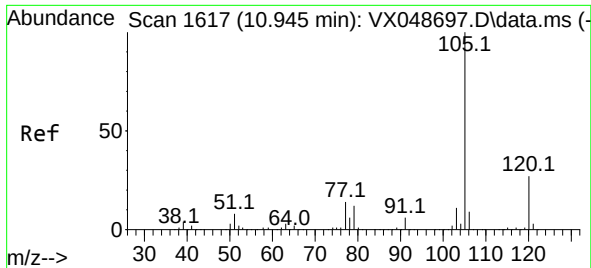
Ion Ratio Lower Upper

152 100

115 103.6 39.6 119.0

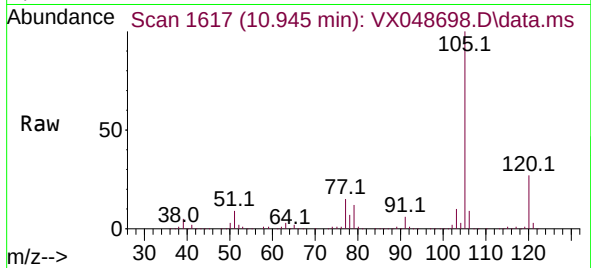
150 189.3 0.0 345.4





#73
Isopropylbenzene
Concen: 105.293 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

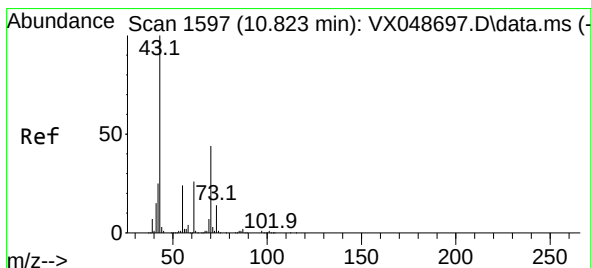
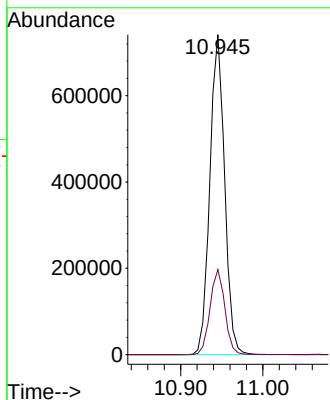
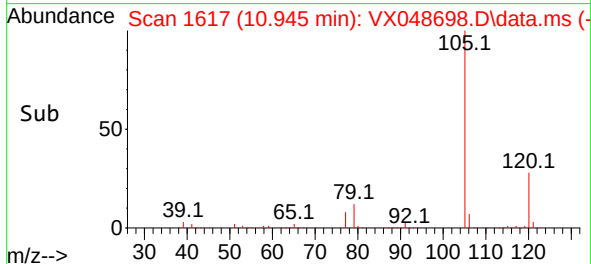
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



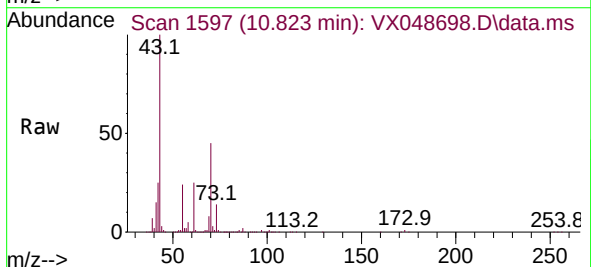
Tgt Ion:105 Resp: 92340
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

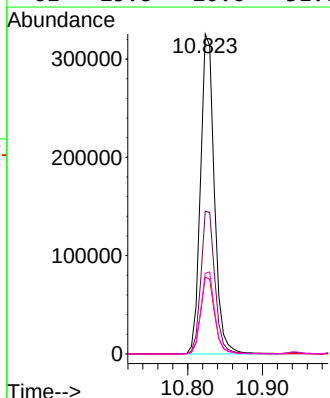
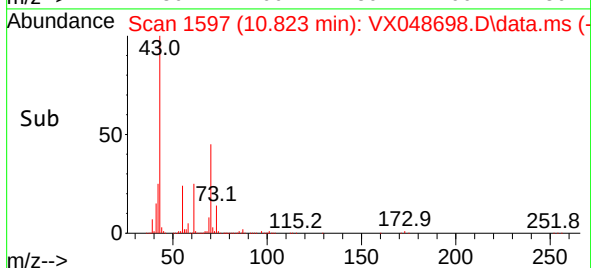
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

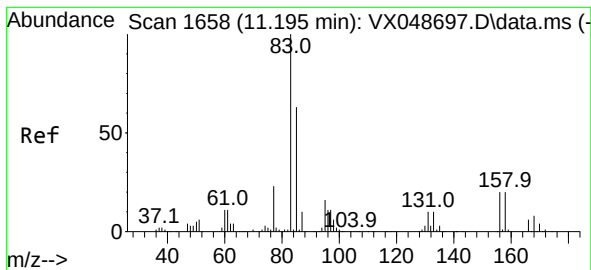


#74
N-ethyl acetate
Concen: 105.837 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



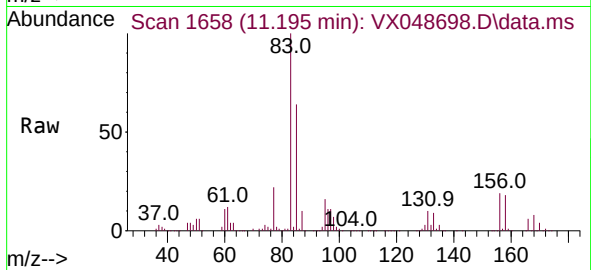
Tgt Ion: 43 Resp: 419030
Ion Ratio Lower Upper
43 100
70 45.3 37.0 55.6
55 24.3 20.0 30.0
61 25.8 20.6 31.0





#75
1,1,2,2-Tetrachloroethane
Concen: 101.487 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

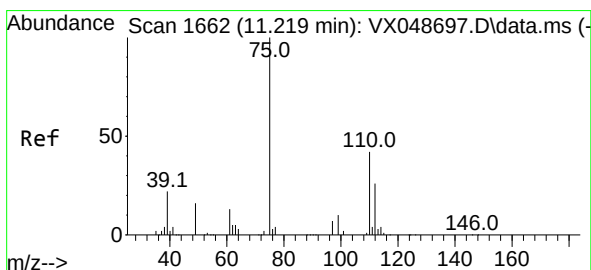
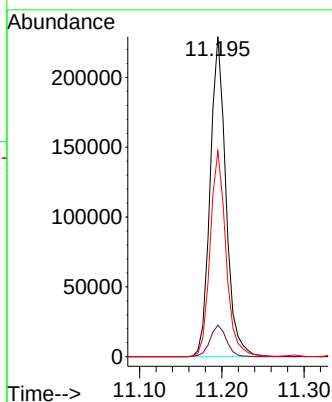
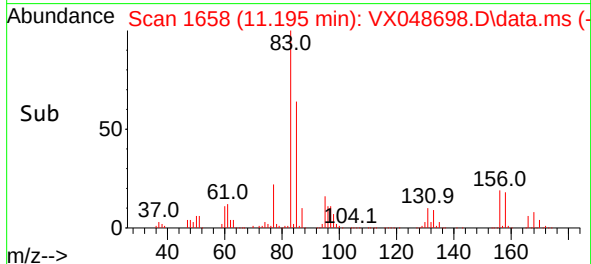
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



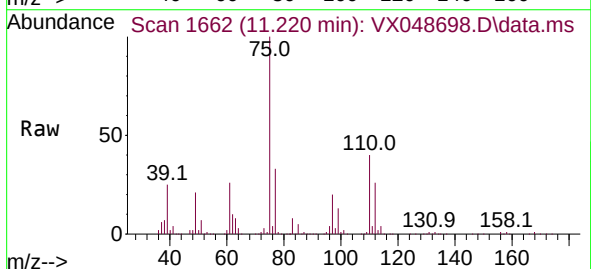
Tgt Ion: 83 Resp: 304730
Ion Ratio Lower Upper
83 100
131 10.2 5.3 16.1
85 64.4 32.0 96.0

Manual Integrations
APPROVED

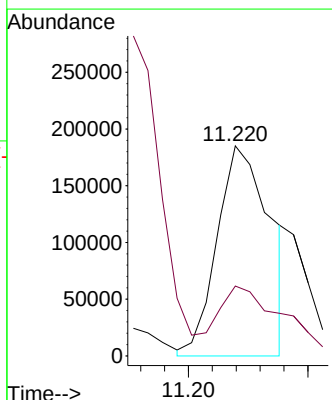
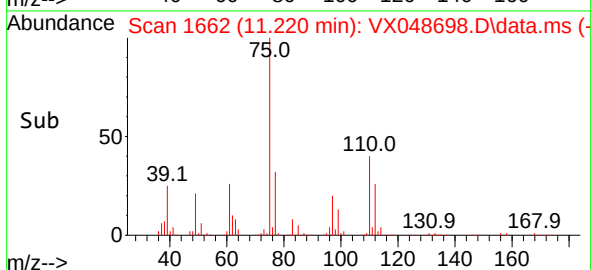
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

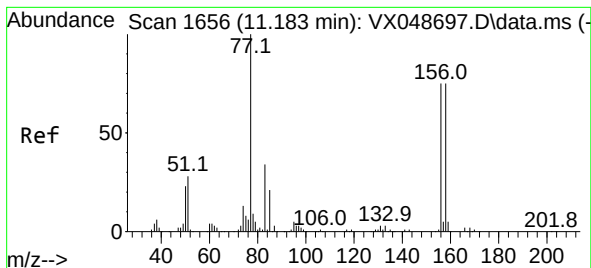


#76
1,2,3-Trichloropropane
Concen: 88.258 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



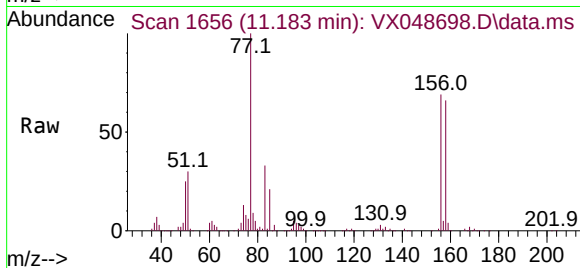
Tgt Ion: 75 Resp: 284941
Ion Ratio Lower Upper
75 100
77 41.5 19.0 57.0





#77
Bromobenzene
Concen: 100.206 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

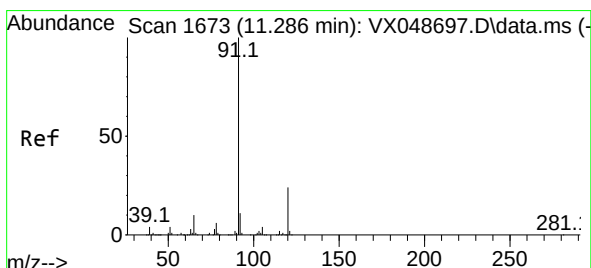
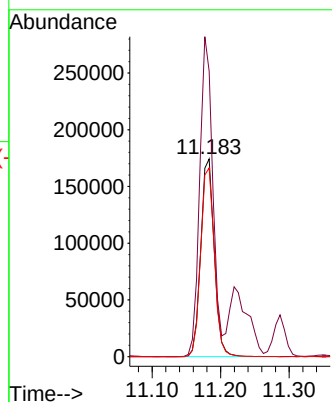
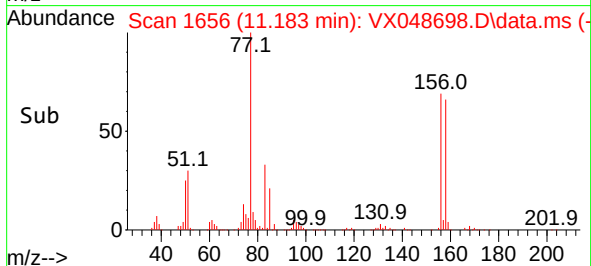
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 156 Resp: 236835
Ion Ratio Lower Upper
156 100
77 156.2 74.9 224.6
158 96.7 49.5 148.3

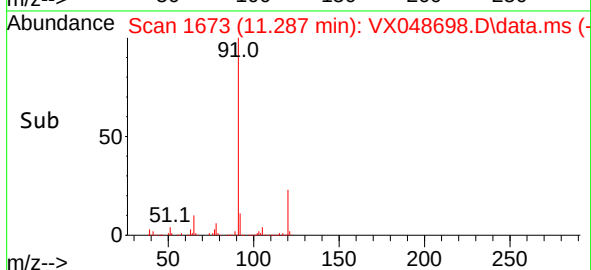
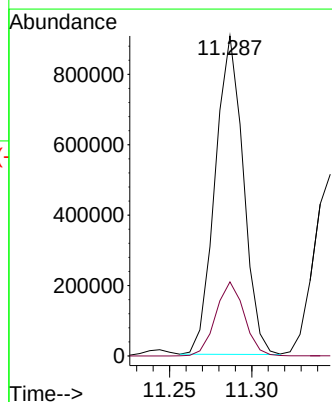
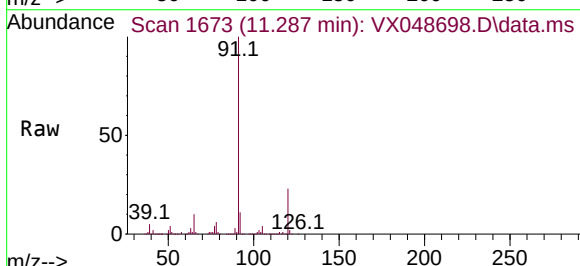
Manual Integrations
APPROVED

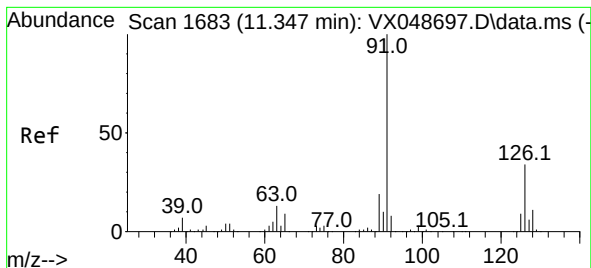
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#78
n-propylbenzene
Concen: 105.251 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 91 Resp: 1080860
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7





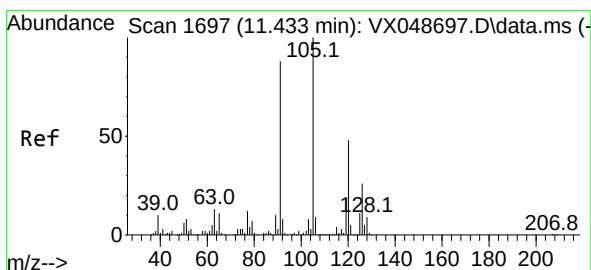
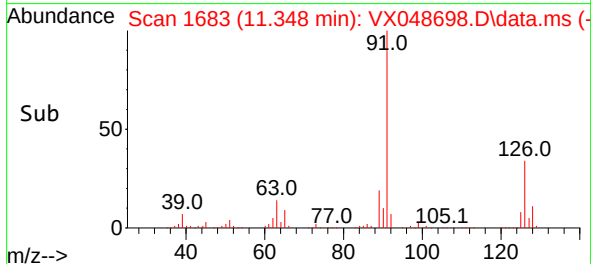
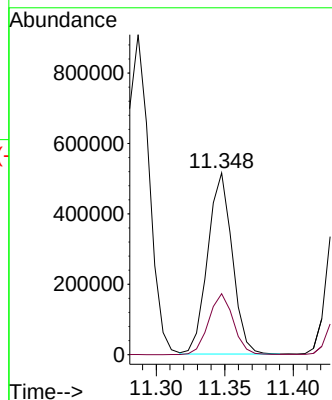
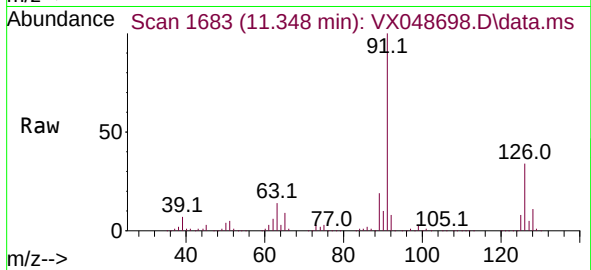
#79
2-Chlorotoluene
Concen: 102.653 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 640685
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

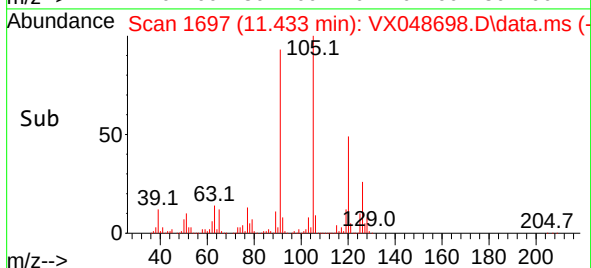
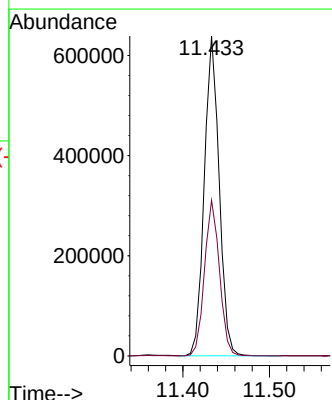
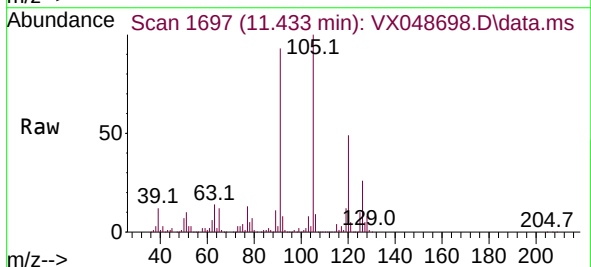
Manual Integrations
APPROVED

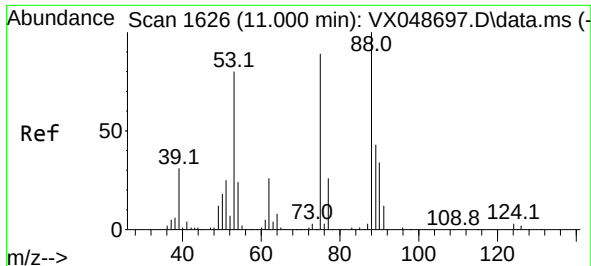
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 105.991 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

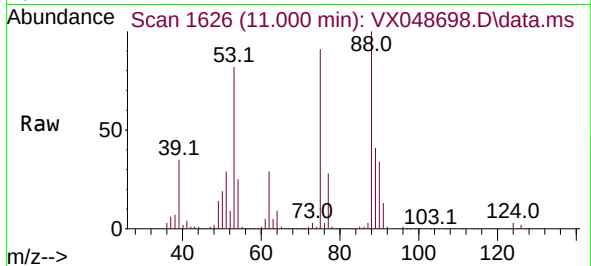
Tgt Ion:105 Resp: 760304
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 110.741 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

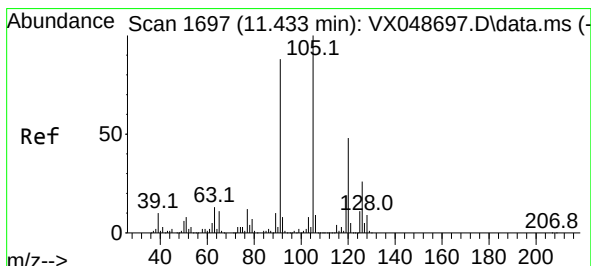
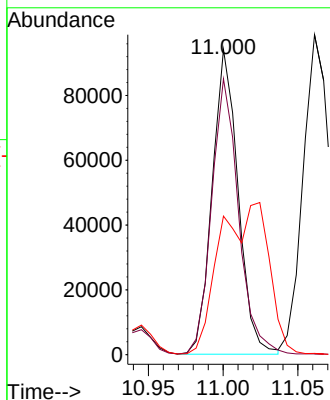
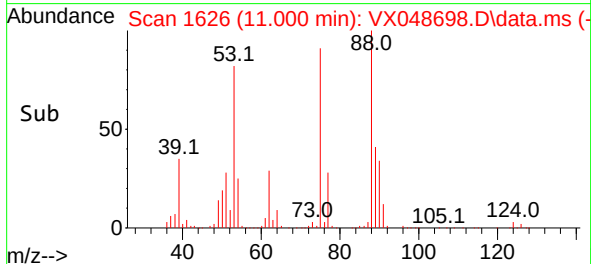
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 11352
Ion Ratio Lower Upper
75 100
53 94.5 74.8 112.2
89 0.0 0.0 0.0

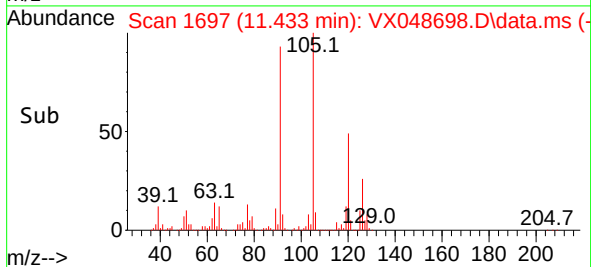
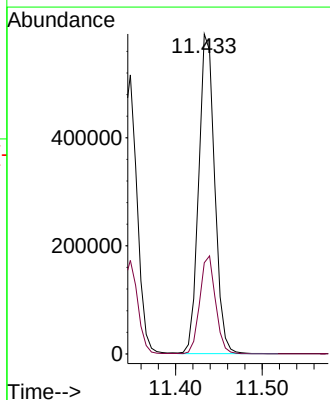
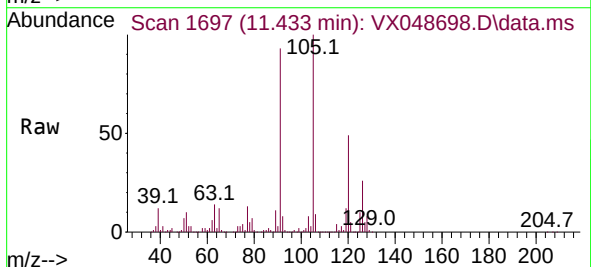
Manual Integrations
APPROVED

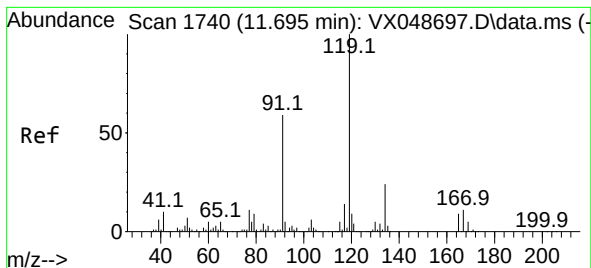
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 104.479 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

Tgt Ion: 91 Resp: 758421
Ion Ratio Lower Upper
91 100
126 30.2 15.4 46.1





#83

tert-Butylbenzene

Concen: 104.951 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

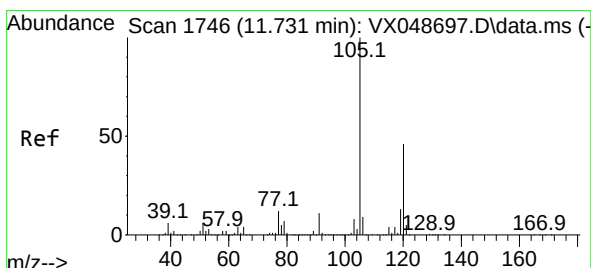
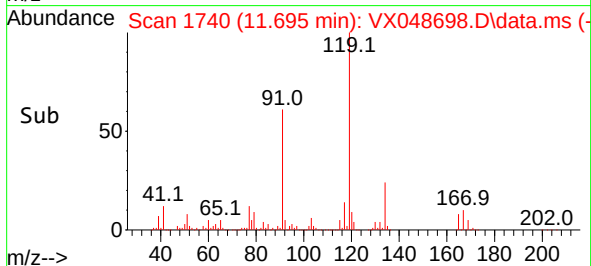
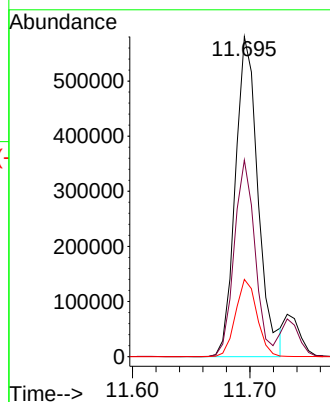
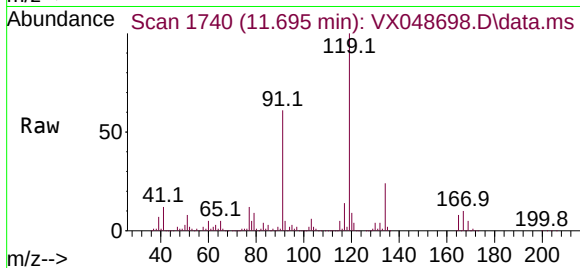
Tgt Ion:	119	Resp:	78091
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.4	82.0
134	22.8	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 107.116 ug/l

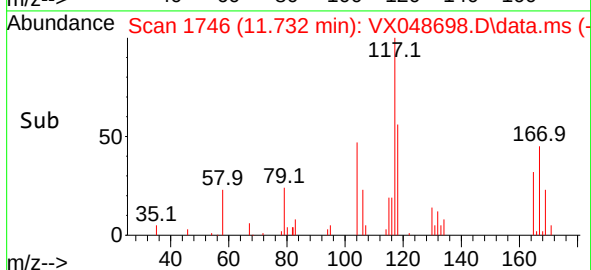
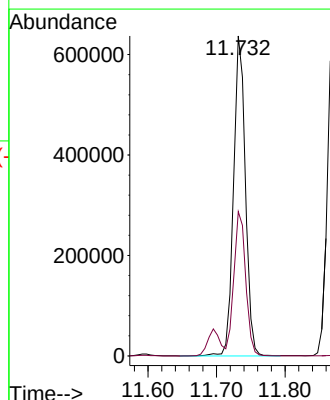
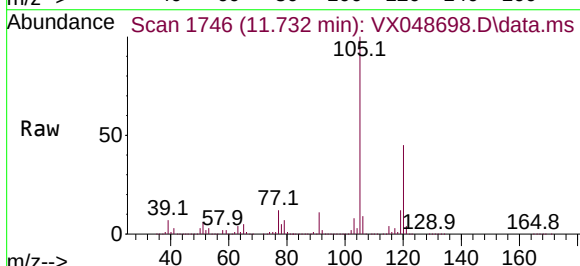
RT: 11.732 min Scan# 1746

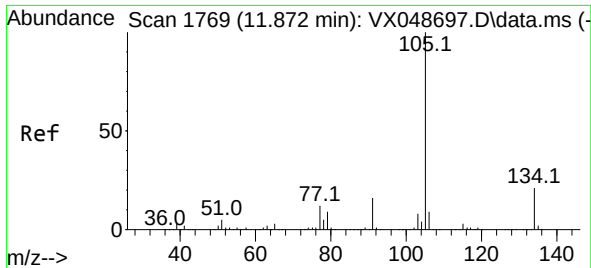
Delta R.T. 0.000 min

Lab File: VX048698.D

Acq: 03 Dec 2025 10:11

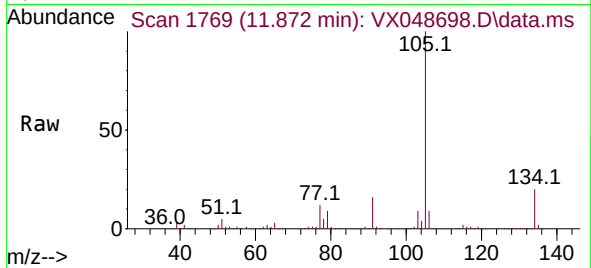
Tgt Ion:	105	Resp:	765415
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 104.722 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11

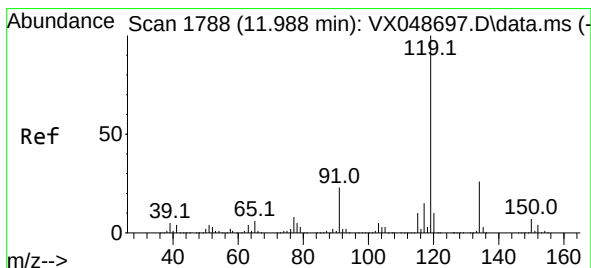
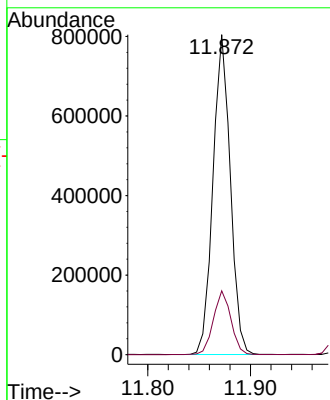
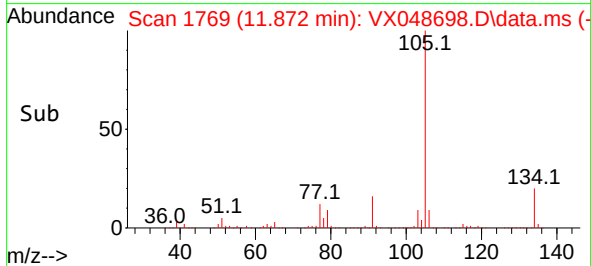
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



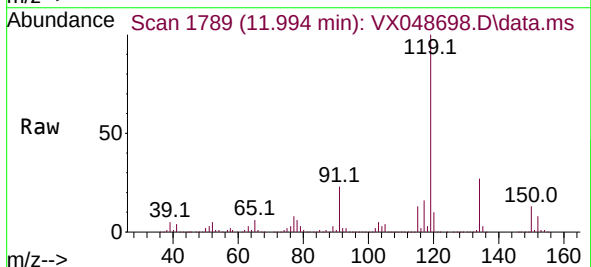
Tgt Ion:105 Resp: 943212
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

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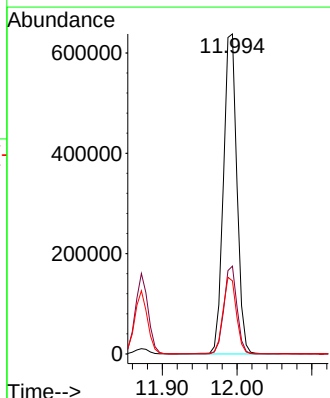
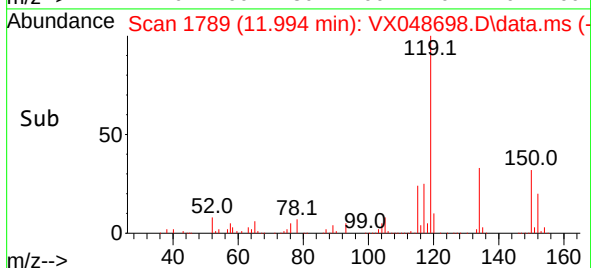
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

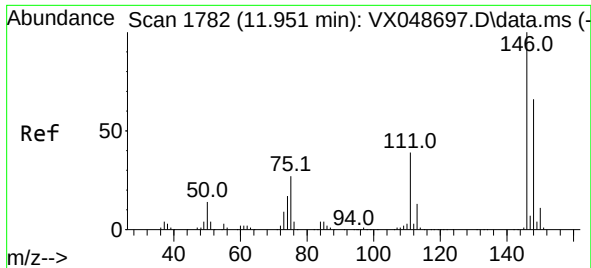


#86
 p-Isopropyltoluene
 Concen: 107.660 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048698.D
 Acq: 03 Dec 2025 10:11



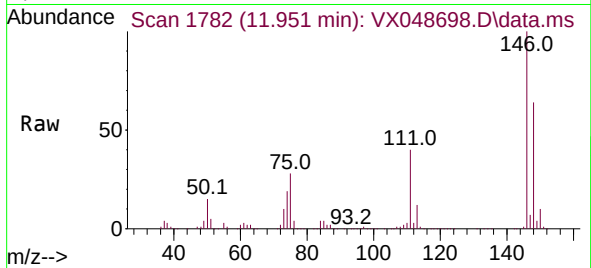
Tgt Ion:119 Resp: 801040
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 23.6 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 101.270 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

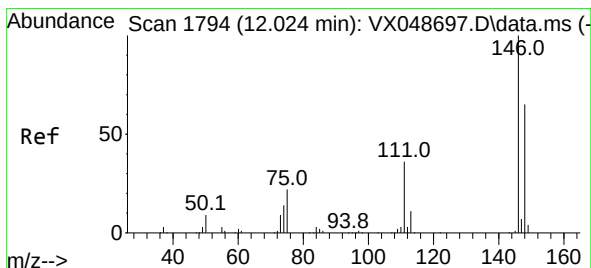
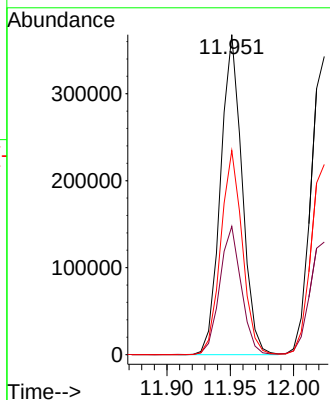
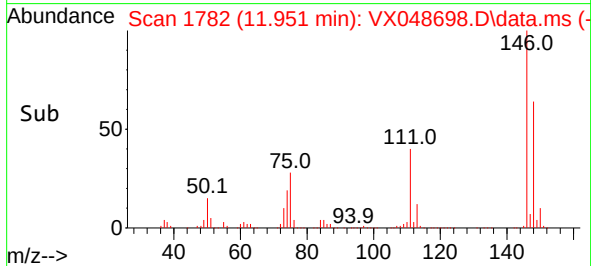
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



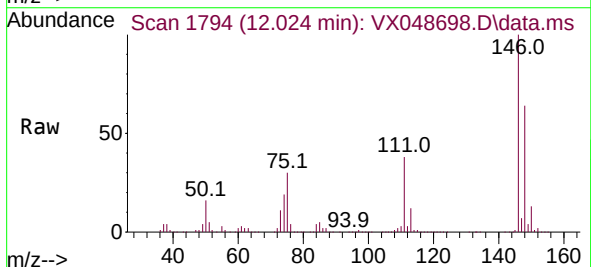
Tgt Ion:146 Resp: 435617
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.9 32.4 97.0

Manual Integrations
APPROVED

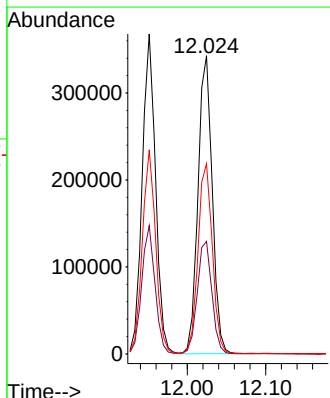
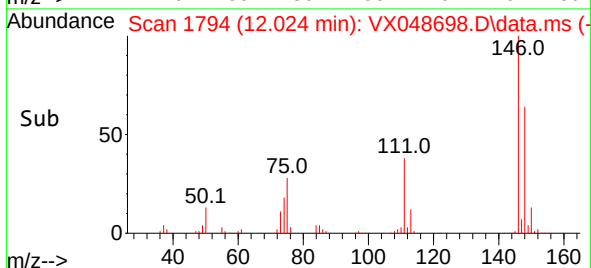
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

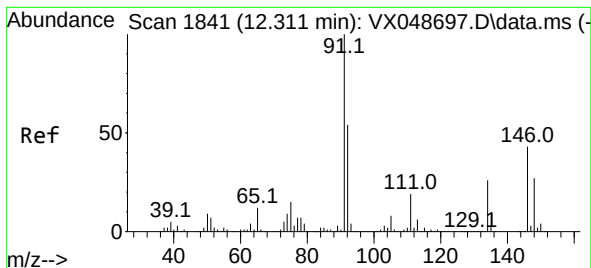


#88
1,4-Dichlorobenzene
Concen: 98.492 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



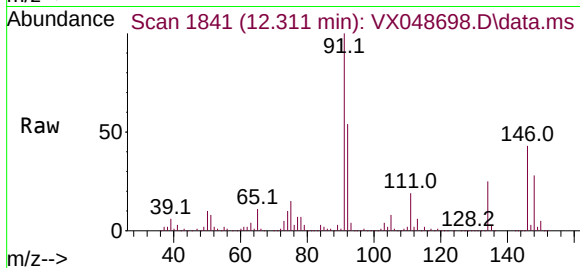
Tgt Ion:146 Resp: 432434
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.1 32.6 98.0





#89
n-Butylbenzene
Concen: 107.437 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

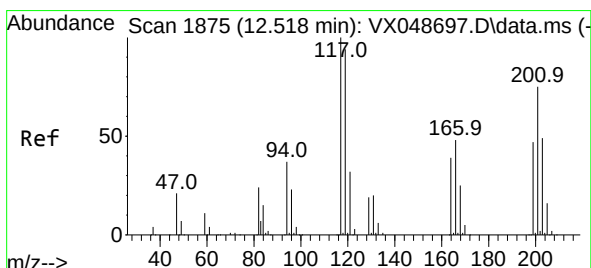
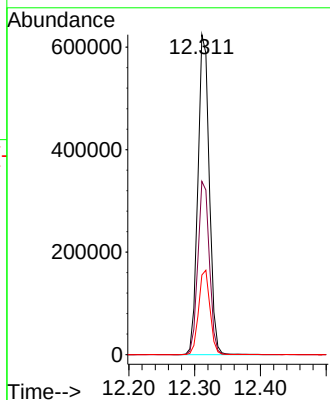
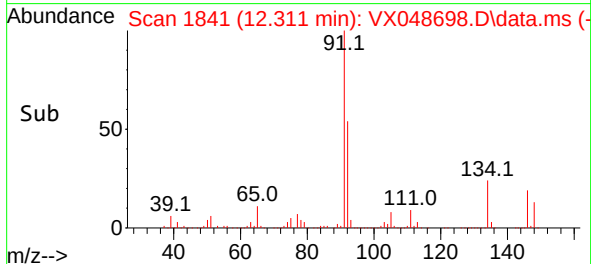
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 752941
Ion Ratio Lower Upper
91 100
92 54.7 27.0 81.0
134 26.3 13.2 39.6

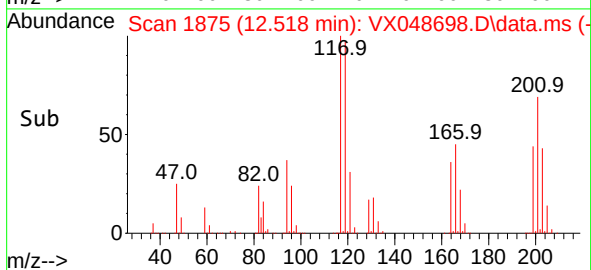
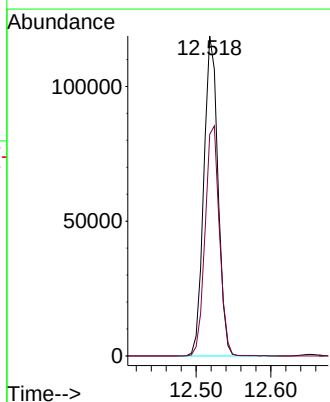
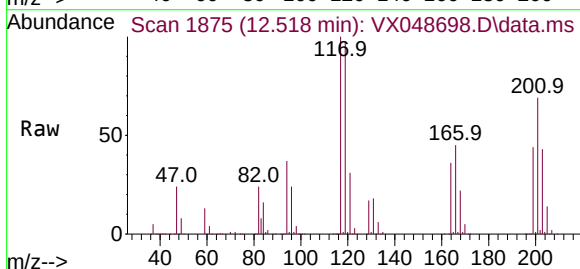
Manual Integrations
APPROVED

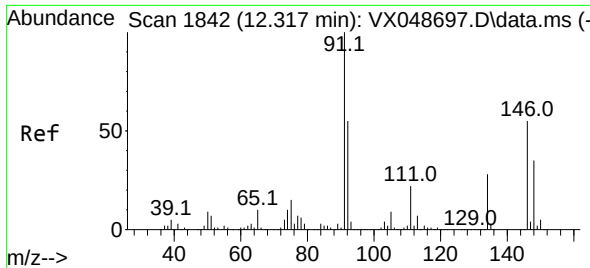
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#90
Hexachloroethane
Concen: 104.495 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

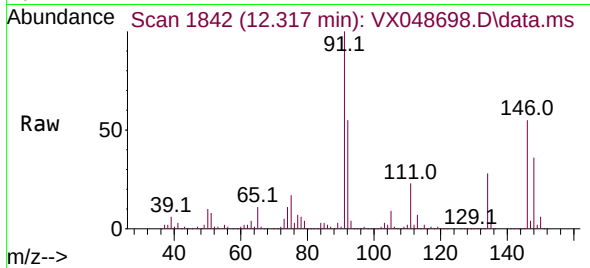
Tgt Ion:117 Resp: 156515
Ion Ratio Lower Upper
117 100
201 72.8 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 103.792 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

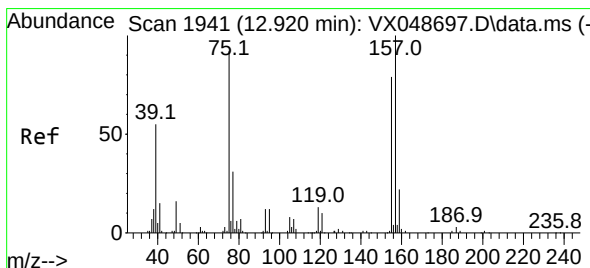
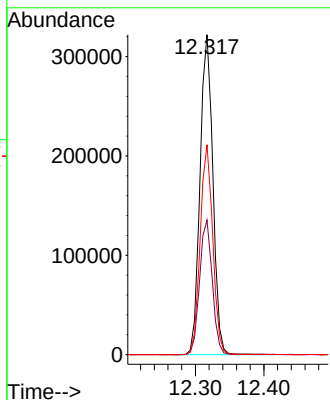
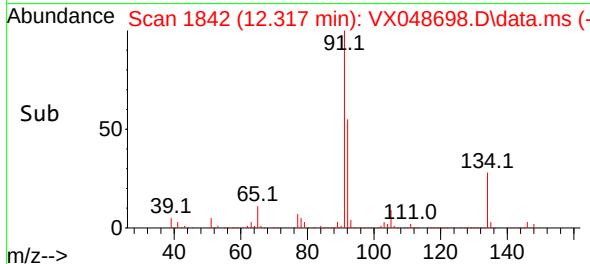
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 415732
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 64.3 32.1 96.5

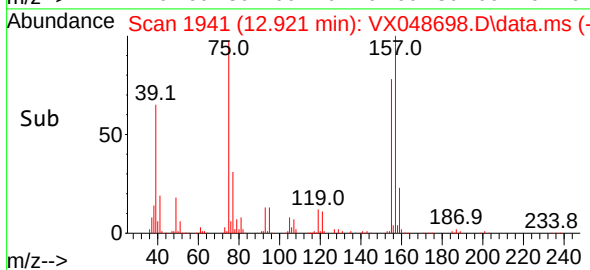
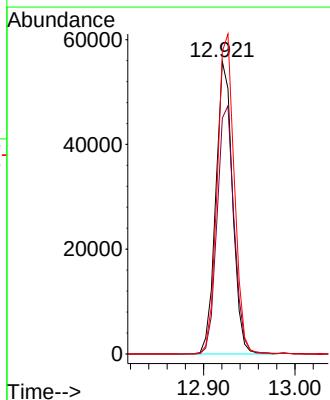
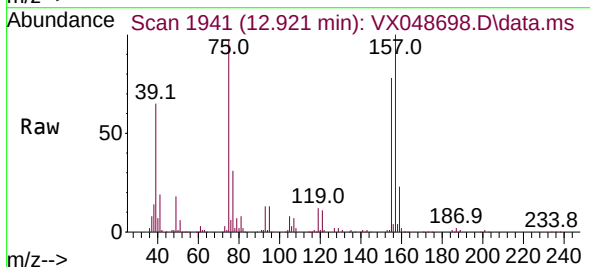
Manual Integrations
APPROVED

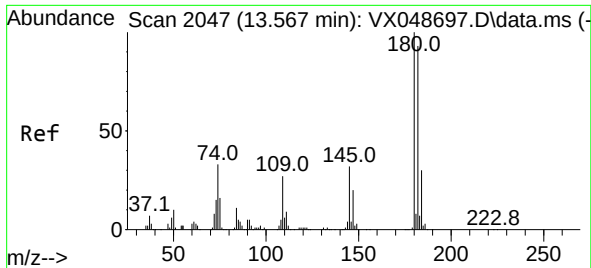
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.903 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

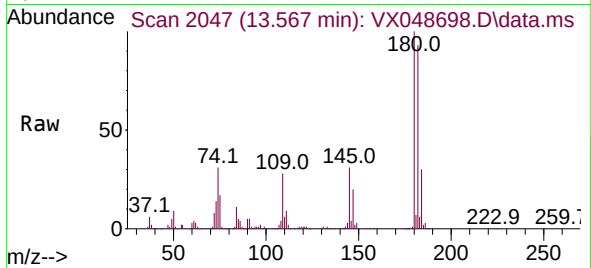
Tgt Ion: 75 Resp: 70906
Ion Ratio Lower Upper
75 100
155 86.5 46.7 140.1
157 110.9 58.7 176.1





#93
1,2,4-Trichlorobenzene
Concen: 109.629 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

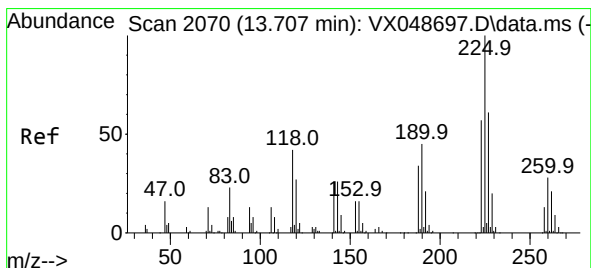
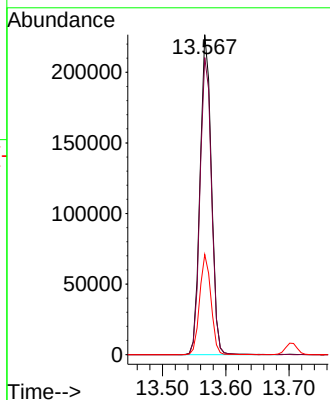
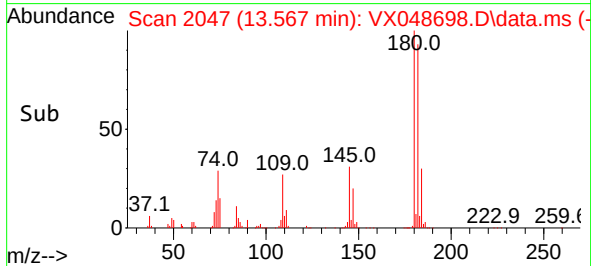
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 279564
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.3
145 31.3 15.5 46.5

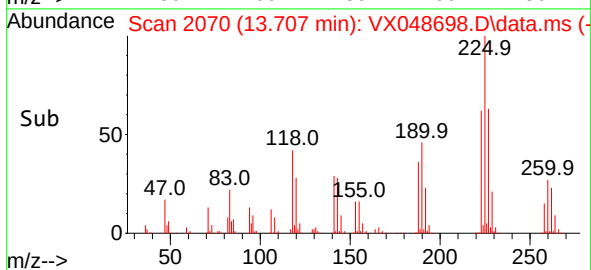
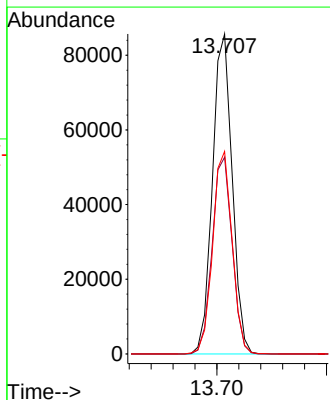
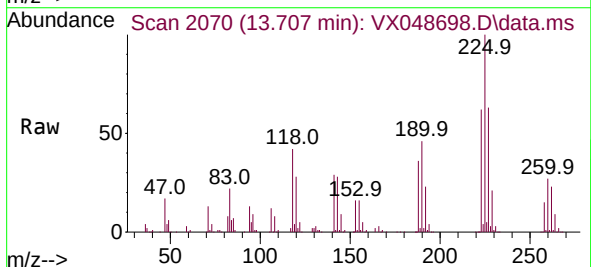
Manual Integrations
APPROVED

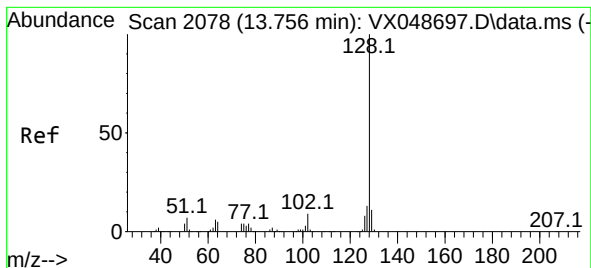
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#94
Hexachlorobutadiene
Concen: 100.611 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

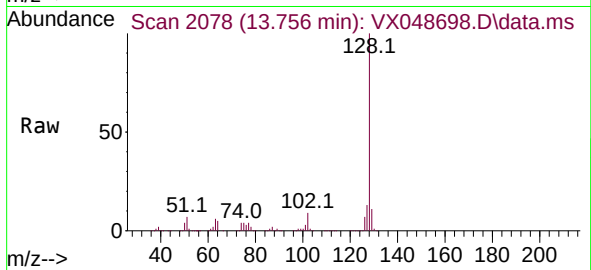
Tgt Ion:225 Resp: 106828
Ion Ratio Lower Upper
225 100
223 62.3 31.6 95.0
227 62.6 31.6 94.7





#95
Naphthalene
Concen: 118.659 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11

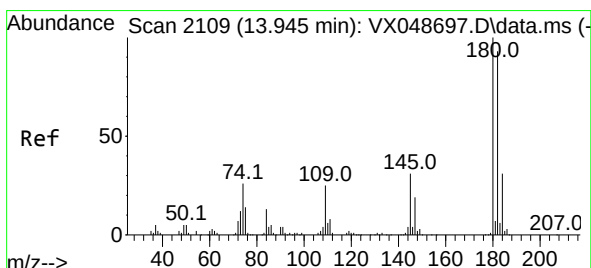
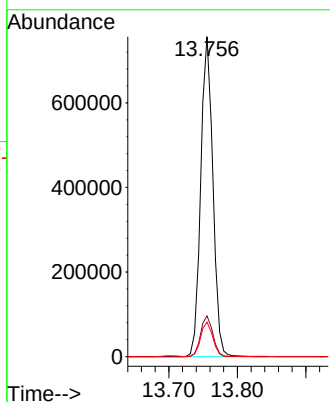
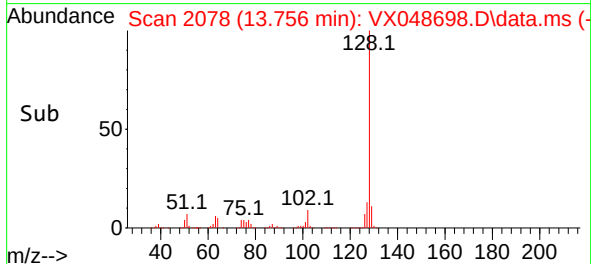
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



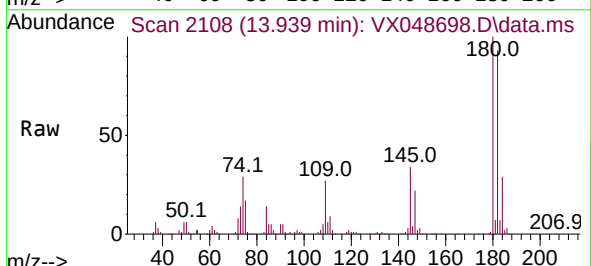
Tgt Ion:128 Resp: 923572
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 110.887 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VX048698.D
Acq: 03 Dec 2025 10:11



Tgt Ion:180 Resp: 261019
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.4
145 33.1 16.8 50.4

