

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045970.D
 Acq On : 28 Apr 2025 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 01:37:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75555	51.046	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.100%			
35) Dibromofluoromethane	5.379	113	53714	53.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	8.647	98	172354	48.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	11.079	95	67539	52.439	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56928	47.031	ug/l	99
3) Chloromethane	1.307	50	57702	46.402	ug/l	95
4) Vinyl Chloride	1.374	62	54442	47.839	ug/l	98
5) Bromomethane	1.593	94	25719	47.664	ug/l	100
6) Chloroethane	1.672	64	32219	53.362	ug/l	98
7) Trichlorofluoromethane	1.874	101	90267	53.192	ug/l	98
8) Diethyl Ether	2.136	74	29836	52.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	53487	53.788	ug/l	98
10) Methyl Iodide	2.447	142	66252	53.415	ug/l	97
11) Tert butyl alcohol	2.971	59	56851	285.799	ug/l	99
12) 1,1-Dichloroethene	2.313	96	49869	51.324	ug/l	95
13) Acrolein	2.233	56	70580	257.660	ug/l	99
14) Allyl chloride	2.654	41	98797	53.589	ug/l	98
15) Acrylonitrile	3.062	53	170005	270.744	ug/l	99
16) Acetone	2.380	43	161857	266.304	ug/l	100
17) Carbon Disulfide	2.502	76	101569	42.323	ug/l	98
18) Methyl Acetate	2.703	43	92399	66.030	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189690	55.807	ug/l	99
20) Methylene Chloride	2.782	84	59148	51.982	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	50954	51.330	ug/l	99
22) Diisopropyl ether	3.757	45	201314	55.433	ug/l	92
23) Vinyl Acetate	3.721	43	867187	276.375	ug/l	100
24) 1,1-Dichloroethane	3.605	63	109362	53.248	ug/l	99
25) 2-Butanone	4.556	43	243810	274.042	ug/l	99
26) 2,2-Dichloropropane	4.471	77	69205	52.153	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63683	52.657	ug/l	100
28) Bromochloromethane	4.891	49	50524	50.906	ug/l	99
29) Tetrahydrofuran	5.001	42	152586	264.535	ug/l	100
30) Chloroform	5.086	83	114075	53.979	ug/l	99
31) Cyclohexane	5.464	56	93018	51.230	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	98472	55.067	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72249	52.821	ug/l	99
37) Ethyl Acetate	4.715	43	90021	52.225	ug/l	98
38) Carbon Tetrachloride	5.666	117	81950	55.437	ug/l	100
39) Methylcyclohexane	7.373	83	89611	53.446	ug/l	98
40) Benzene	6.031	78	220324	52.742	ug/l	99

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 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52785	58.038	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95708	55.471	ug/l	100
43) Isopropyl Acetate	6.342	43	148727	56.928	ug/l	100
44) Trichloroethene	7.123	130	52140	52.513	ug/l	97
45) 1,2-Dichloropropane	7.427	63	56662	54.362	ug/l	100
46) Dibromomethane	7.574	93	43220	54.017	ug/l	98
47) Bromodichloromethane	7.818	83	88145	55.164	ug/l	98
48) Methyl methacrylate	7.690	41	77360	57.351	ug/l	98
49) 1,4-Dioxane	7.659	88	28419	1164.472	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	488302	281.947	ug/l	99
52) Toluene	8.714	92	135569	53.632	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76843	50.008	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	84979	56.594	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	55381	54.981	ug/l	99
56) Ethyl methacrylate	9.116	69	90733	58.204	ug/l	98
57) 1,3-Dichloropropane	9.305	76	95839	54.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	218046	276.500	ug/l	99
59) 2-Hexanone	9.427	43	365974	285.358	ug/l	100
60) Dibromochloromethane	9.519	129	61617	56.111	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55161	54.097	ug/l	99
64) Tetrachloroethene	9.269	164	47364	53.963	ug/l	97
65) Chlorobenzene	10.073	112	144437	54.372	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51167	55.479	ug/l	99
67) Ethyl Benzene	10.189	91	264721	55.640	ug/l	99
68) m/p-Xylenes	10.299	106	192215	111.080	ug/l	99
69) o-Xylene	10.640	106	95099	55.788	ug/l	98
70) Styrene	10.653	104	160161	56.926	ug/l	99
71) Bromoform	10.799	173	38437	55.817	ug/l #	96
73) Isopropylbenzene	10.957	105	256111	53.745	ug/l	99
74) N-amyl acetate	10.841	43	129508	56.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87388	52.204	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75606m	52.102	ug/l	
77) Bromobenzene	11.195	156	57237	51.985	ug/l	99
78) n-propylbenzene	11.299	91	293653	53.500	ug/l	100
79) 2-Chlorotoluene	11.360	91	184056	52.453	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	211885	53.771	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22266	52.075	ug/l	97
82) 4-Chlorotoluene	11.451	91	208471	53.286	ug/l	100
83) tert-Butylbenzene	11.713	119	207961	53.307	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214405	54.211	ug/l	100
85) sec-Butylbenzene	11.890	105	263745	55.043	ug/l	100
86) p-Isopropyltoluene	12.006	119	216089	54.701	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103874	51.828	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	103990	51.179	ug/l	98
89) n-Butylbenzene	12.329	91	189230	55.240	ug/l	99
90) Hexachloroethane	12.536	117	37994	55.964	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106710	53.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20293	57.965	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61275	55.245	ug/l	99
94) Hexachlorobutadiene	13.725	225	24722	51.725	ug/l	97
95) Naphthalene	13.774	128	230064	55.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63316	54.516	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

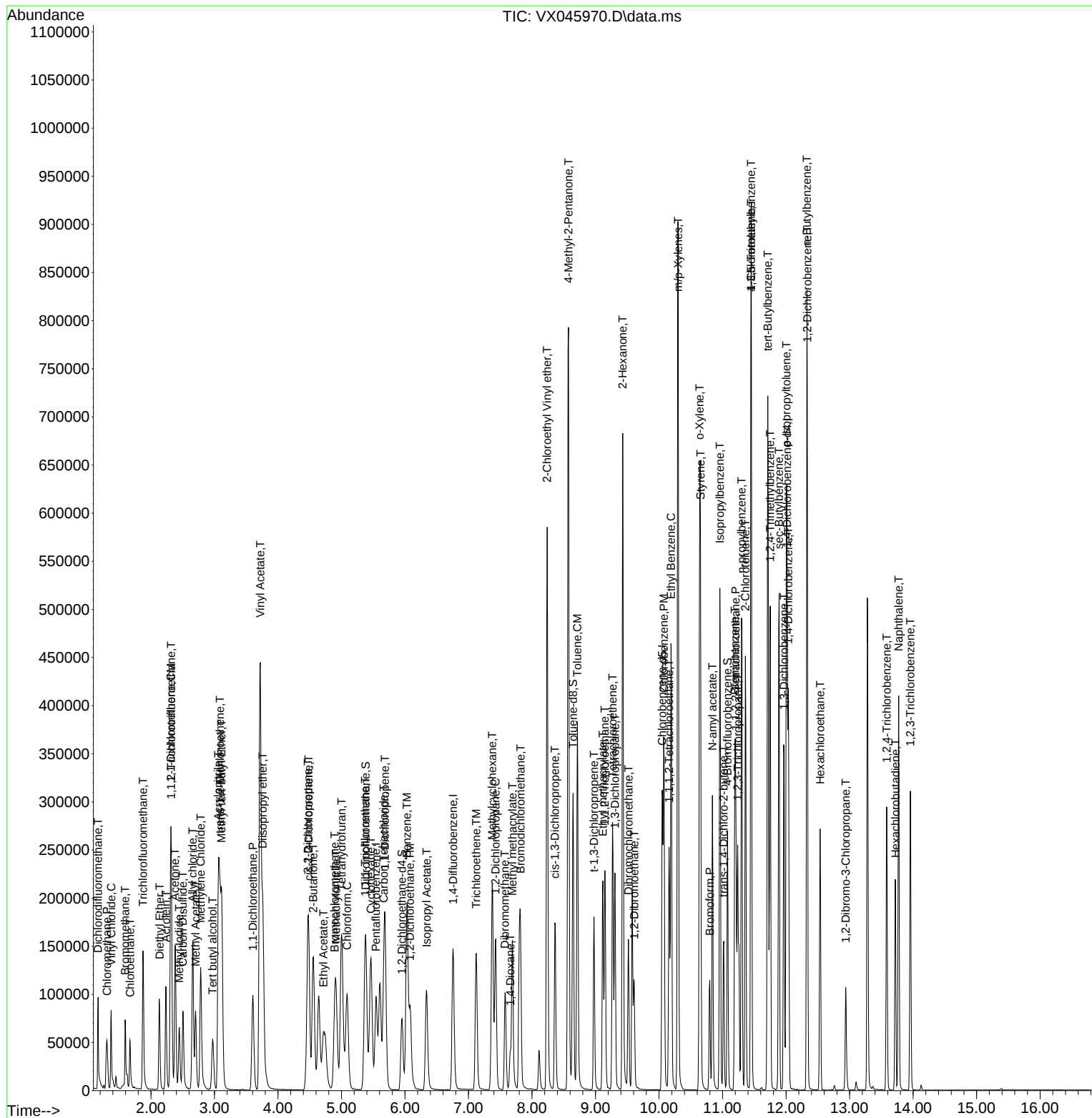
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Sample : VSTDCCC050
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ALS Vial : 28 Sample Multiplier: 1

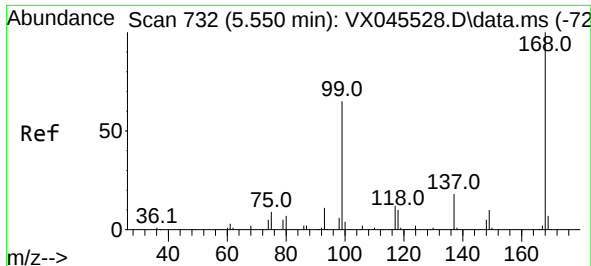
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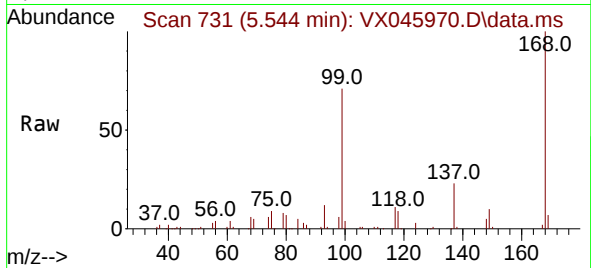
Reviewed By :John Carlone 04/29/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

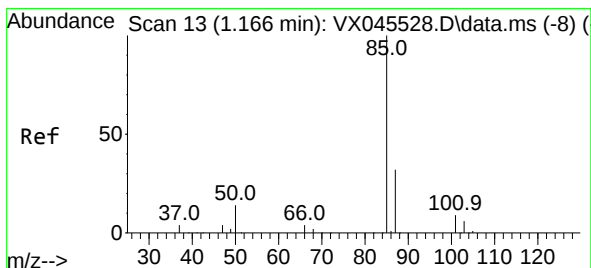
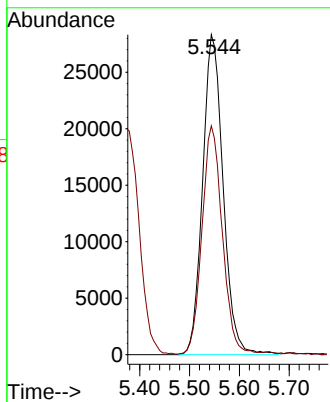
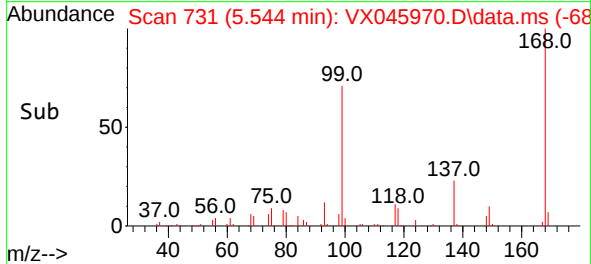
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 80938
Ion Ratio Lower Upper
168 100
99 71.3 52.3 78.5

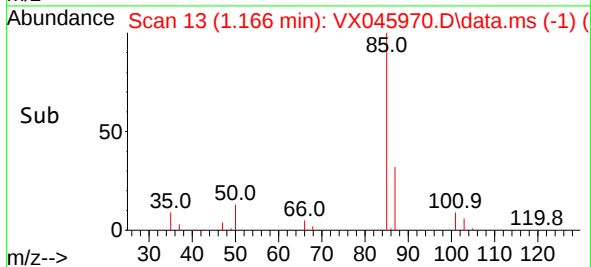
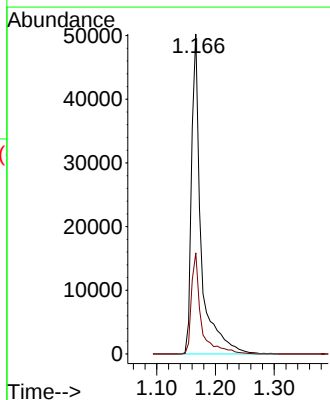
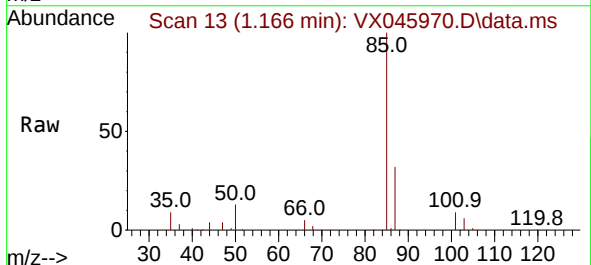
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#2
Dichlorodifluoromethane
Concen: 47.031 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 85 Resp: 56928
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2





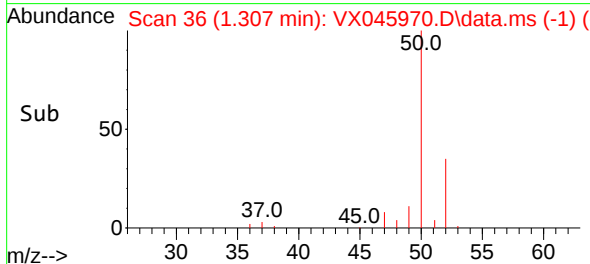
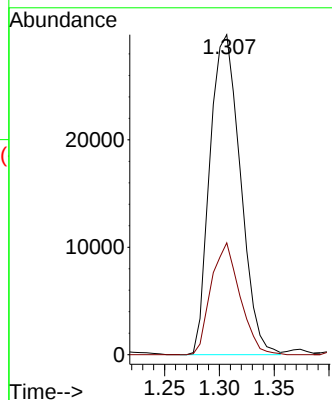
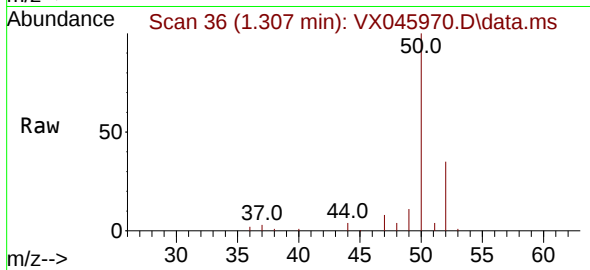
#3
Chloromethane
Concen: 46.402 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 57702
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9

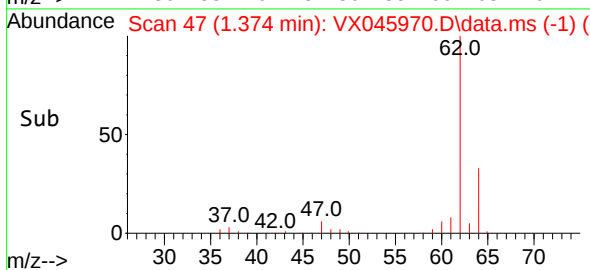
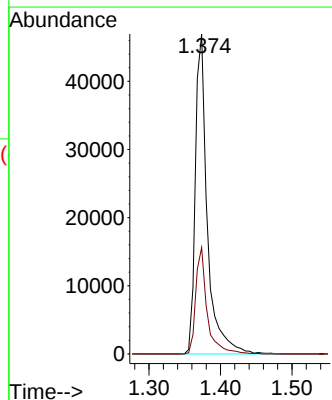
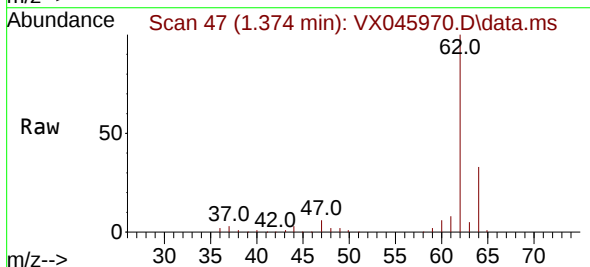
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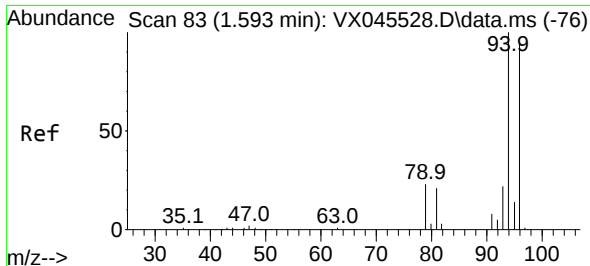
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#4
Vinyl Chloride
Concen: 47.839 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

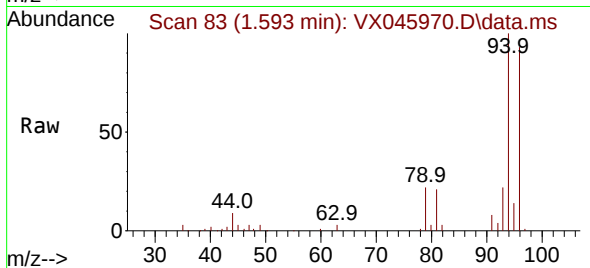
Tgt Ion: 62 Resp: 54442
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3





#5
 Bromomethane
 Concen: 47.664 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

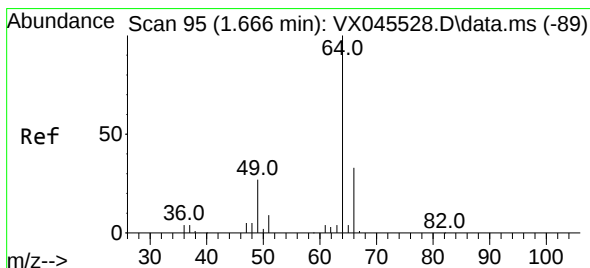
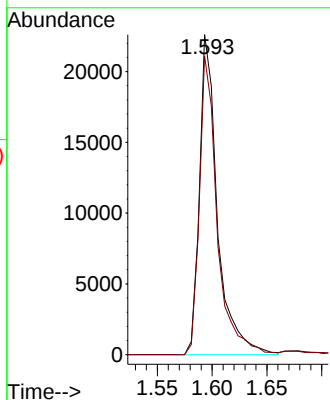
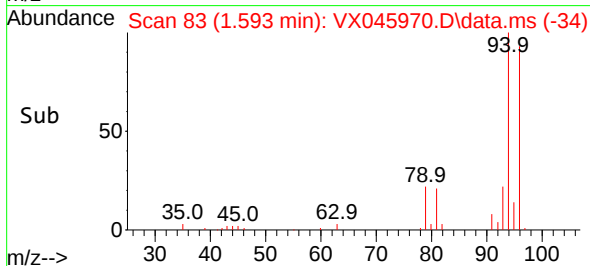
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Tgt Ion: 94 Resp: 25719
 Ion Ratio Lower Upper
 94 100
 96 93.4 74.8 112.2

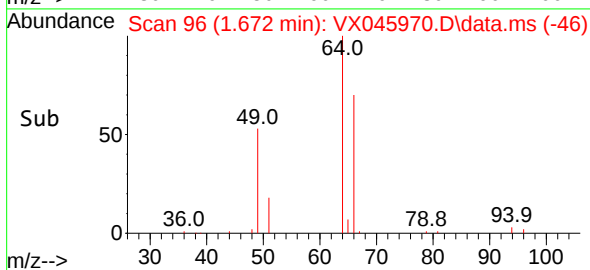
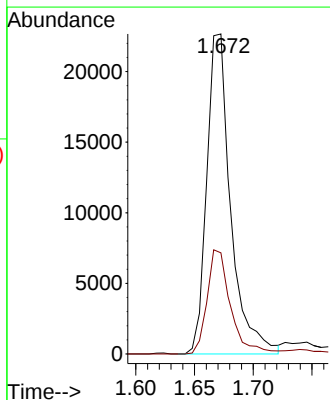
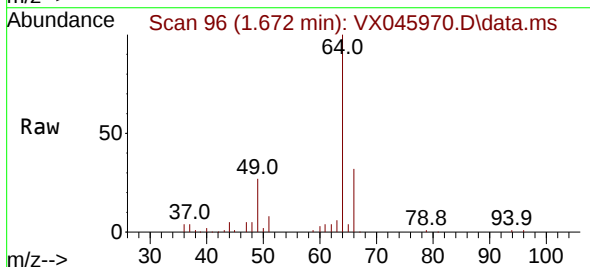
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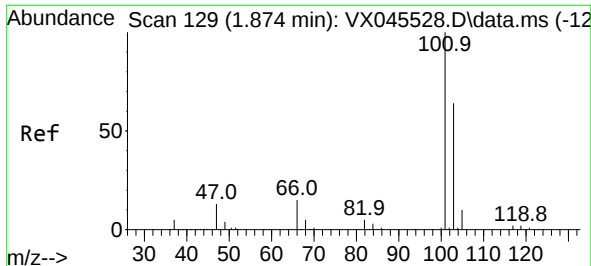
Reviewed By :John Carlone 04/29/2025
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#6
 Chloroethane
 Concen: 53.362 ug/l
 RT: 1.672 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

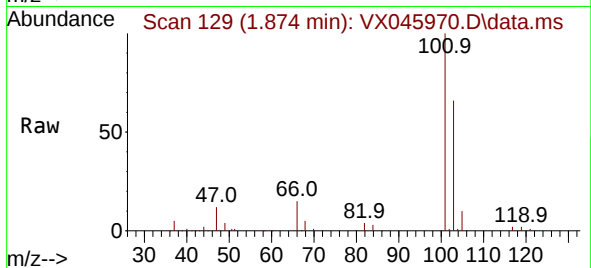
Tgt Ion: 64 Resp: 32219
 Ion Ratio Lower Upper
 64 100
 66 31.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.192 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

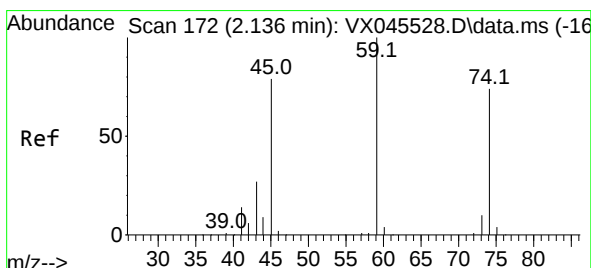
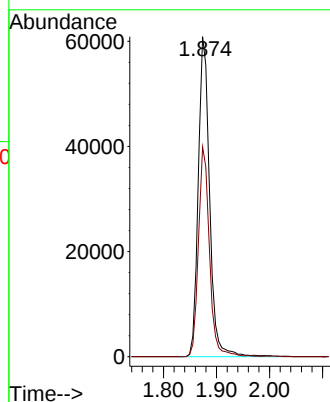
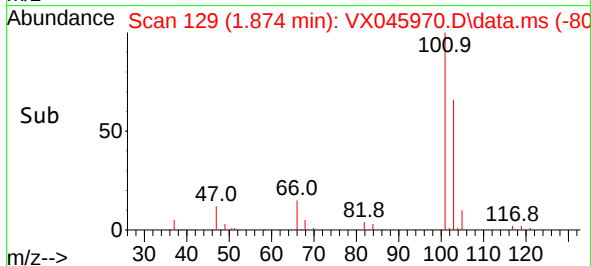
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 9026
Ion Ratio Lower Upper
101 100
103 65.5 51.1 76.7

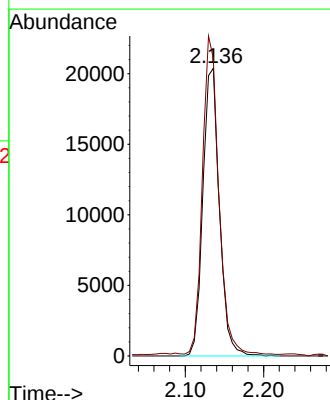
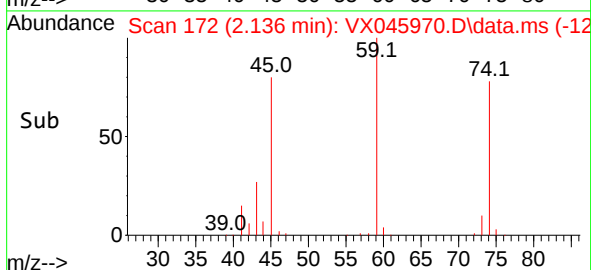
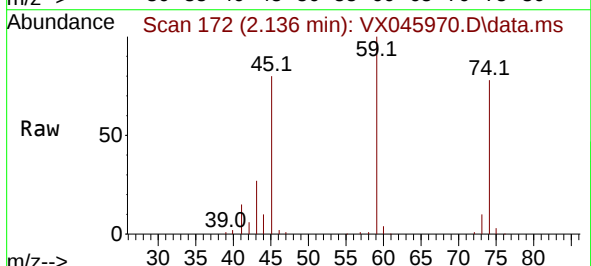
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#8
Diethyl Ether
Concen: 52.368 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 74 Resp: 29836
Ion Ratio Lower Upper
74 100
45 109.2 53.0 159.1





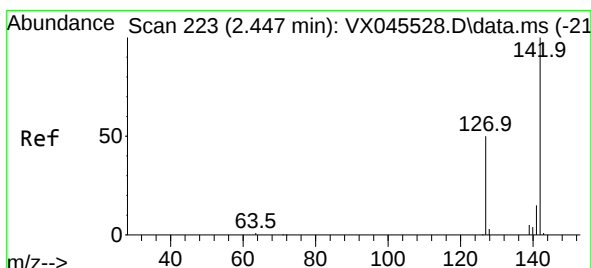
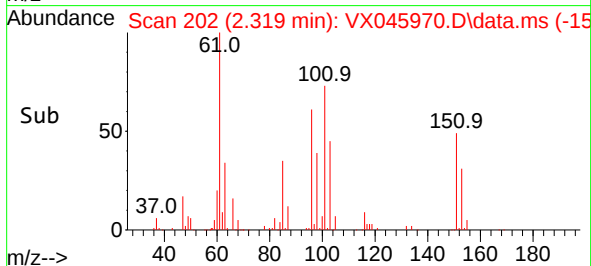
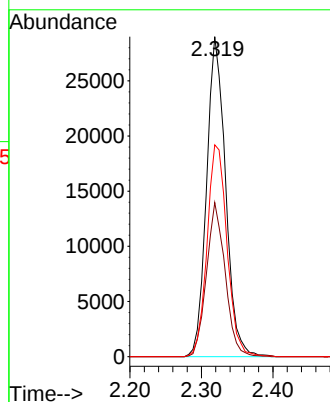
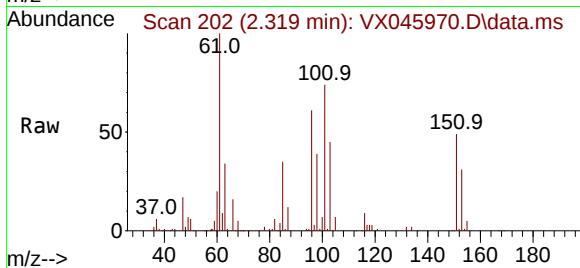
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.788 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5348
Ion Ratio Lower Upper
101 100
85 47.5 38.9 58.3
151 69.7 57.5 86.3

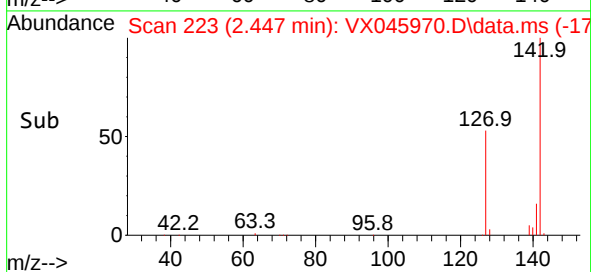
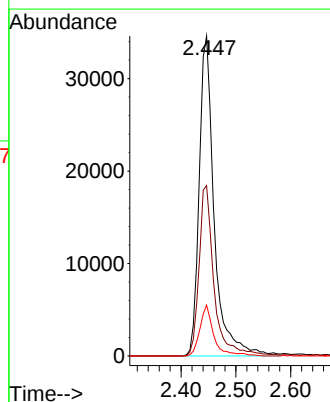
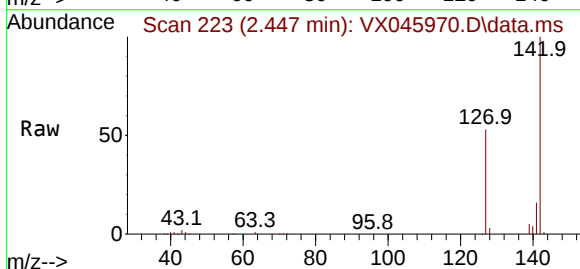
Manual Integrations
APPROVED

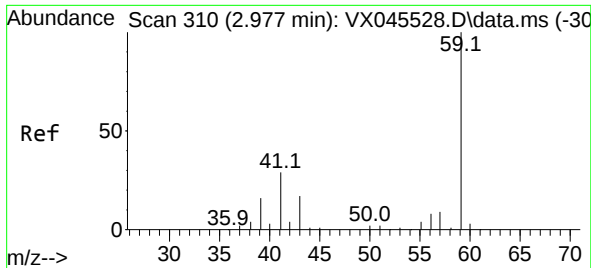
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#10
Methyl Iodide
Concen: 53.415 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

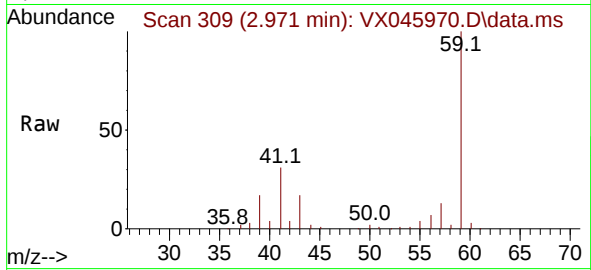
Tgt Ion:142 Resp: 66252
Ion Ratio Lower Upper
142 100
127 53.3 40.2 60.4
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 285.799 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

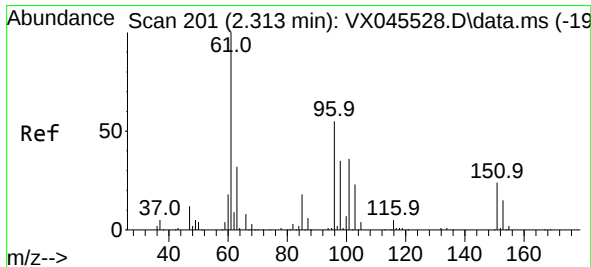
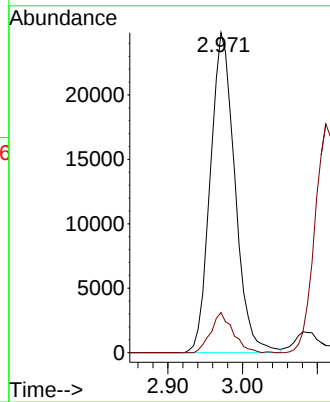
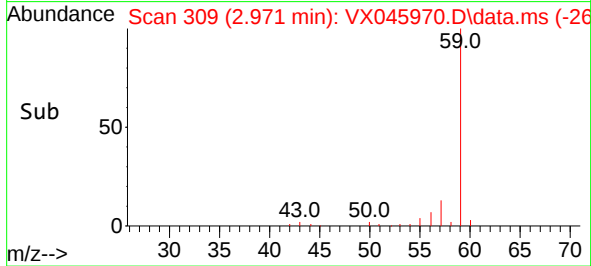
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 5685
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

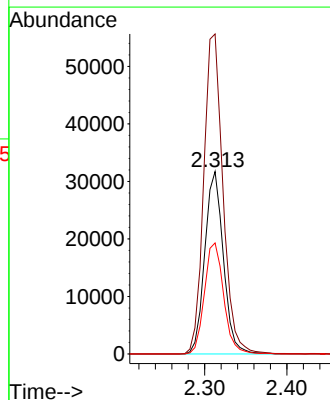
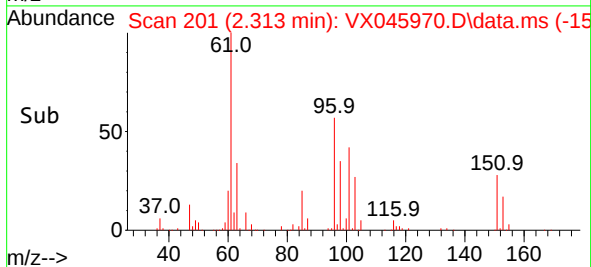
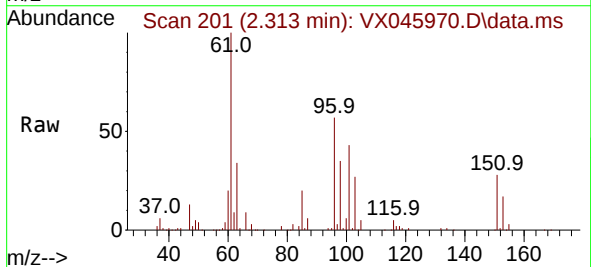
Manual Integrations
APPROVED

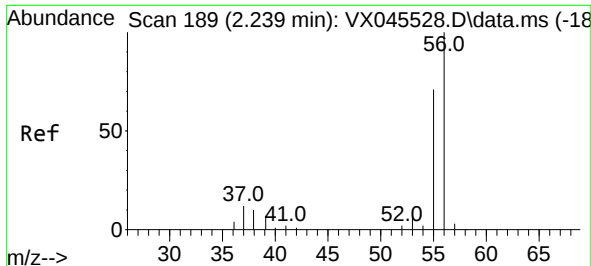
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#12
1,1-Dichloroethene
Concen: 51.324 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

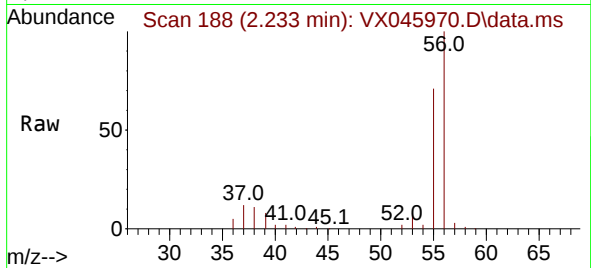
Tgt Ion: 96 Resp: 49869
Ion Ratio Lower Upper
96 100
61 175.4 145.7 218.5
98 60.9 51.6 77.4





#13
Acrolein
Concen: 257.660 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

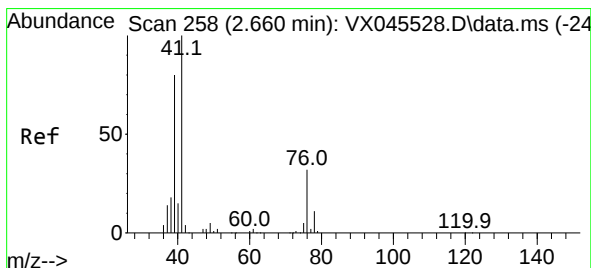
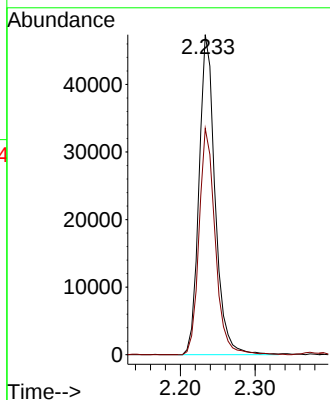
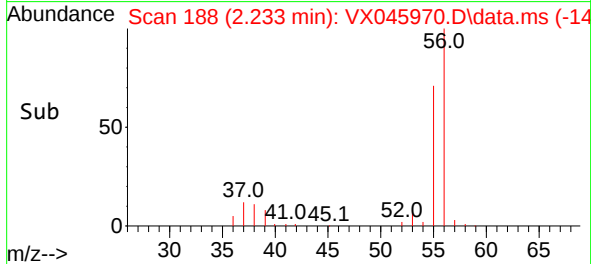
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 70580
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.2

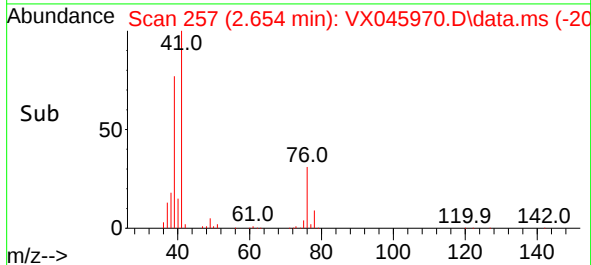
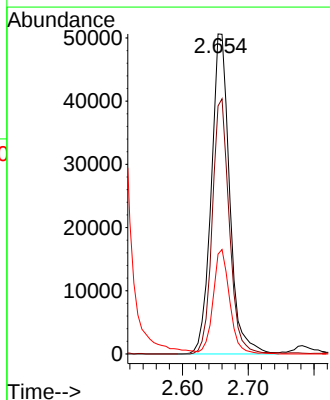
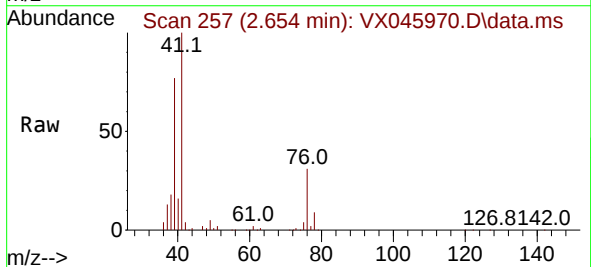
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#14
Allyl chloride
Concen: 53.589 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

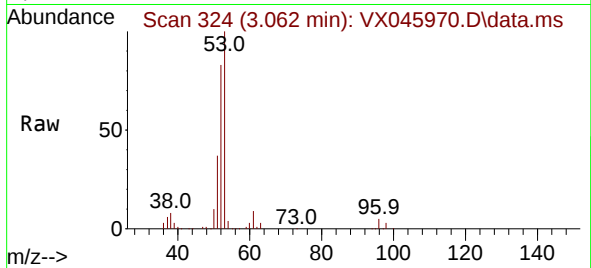
Tgt Ion: 41 Resp: 98797
Ion Ratio Lower Upper
41 100
39 73.7 60.2 90.2
76 29.3 24.6 36.8





#15
Acrylonitrile
Concen: 270.744 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

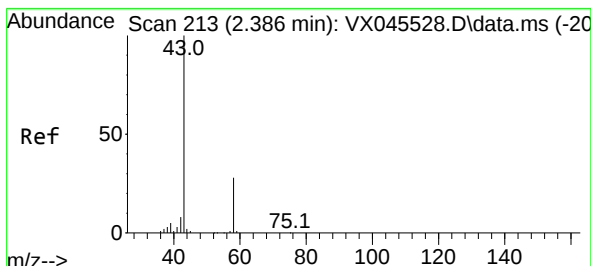
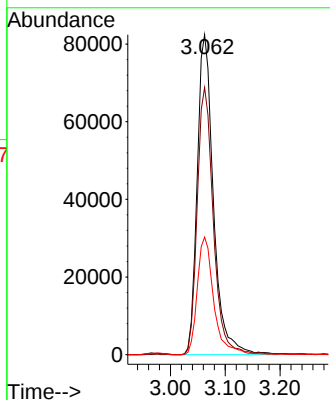
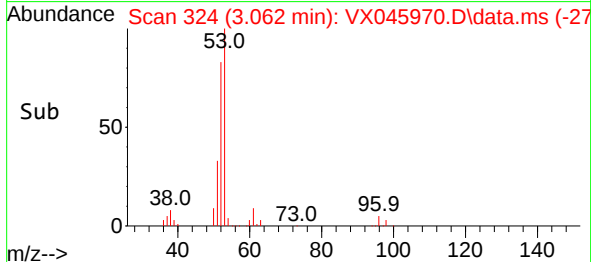
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17000
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.2
51 37.5 29.9 44.9

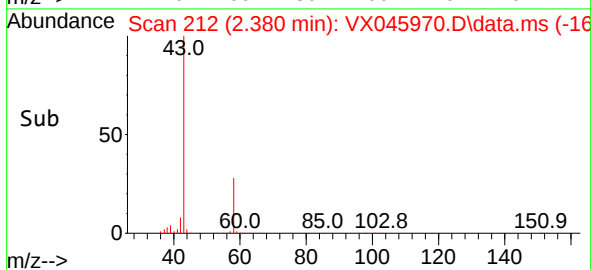
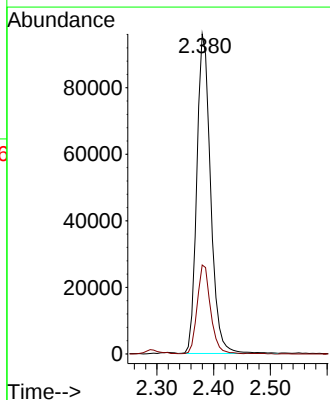
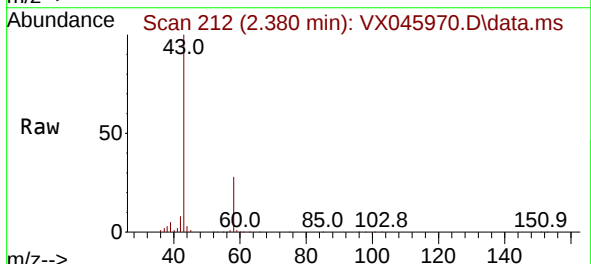
Manual Integrations
APPROVED

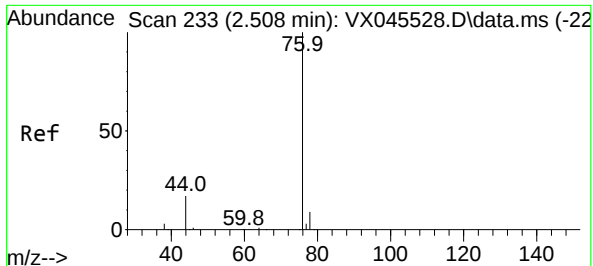
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 266.304 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 43 Resp: 161857
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5





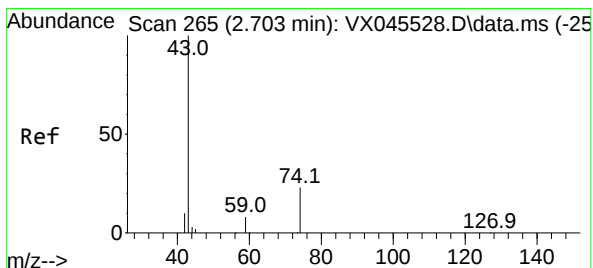
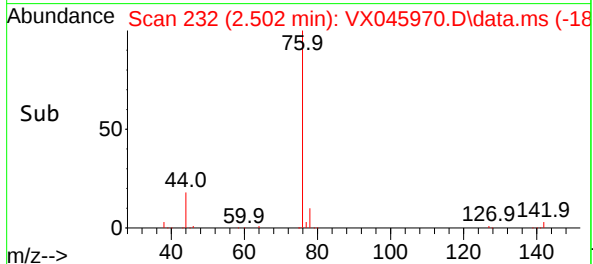
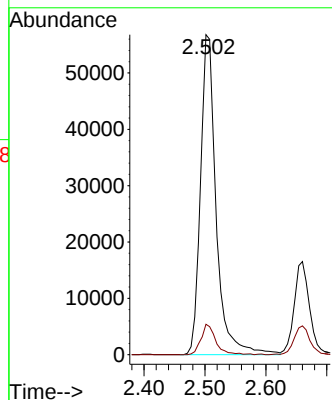
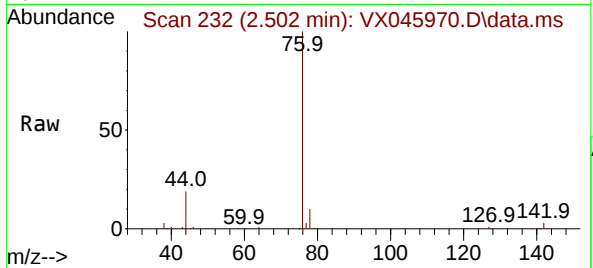
#17
Carbon Disulfide
Concen: 42.323 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 101569
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

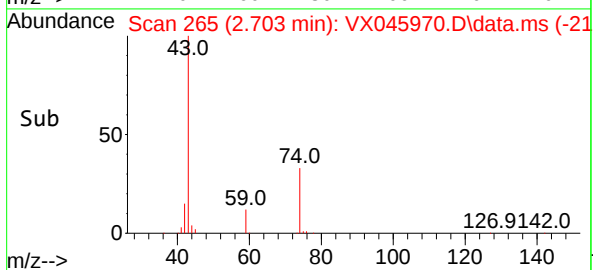
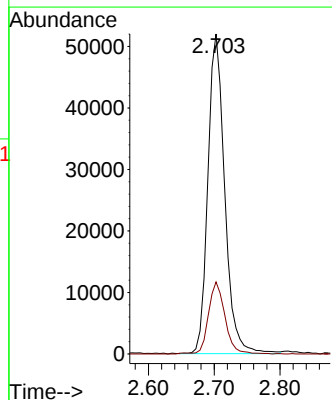
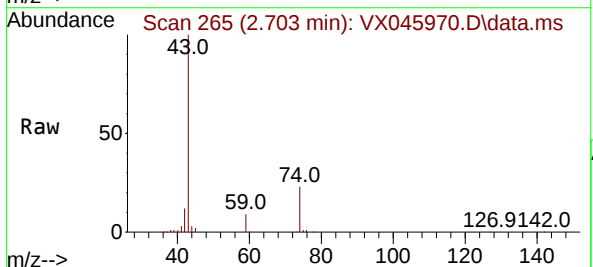
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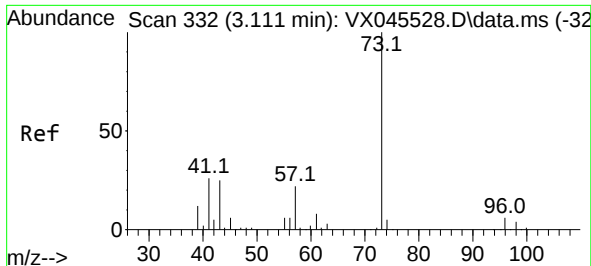
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#18
Methyl Acetate
Concen: 66.030 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

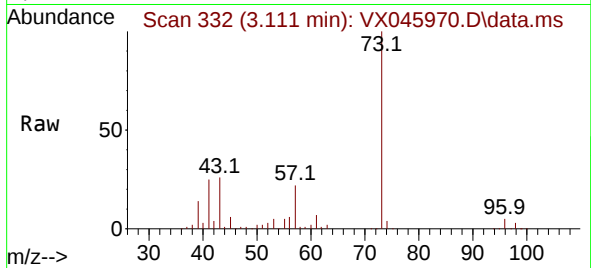
Tgt Ion: 43 Resp: 92399
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 55.807 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

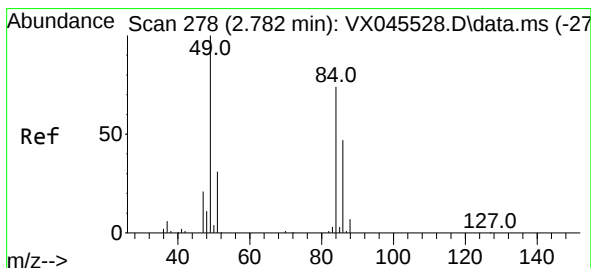
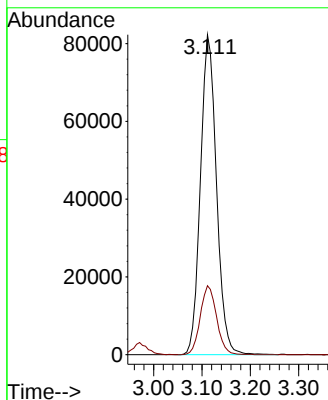
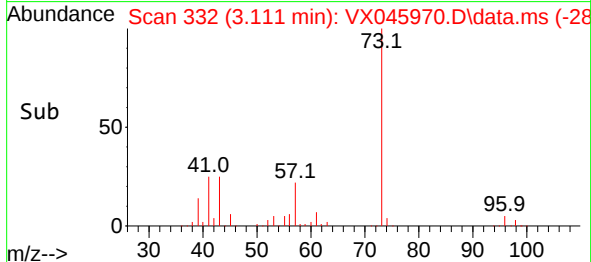
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 189690
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

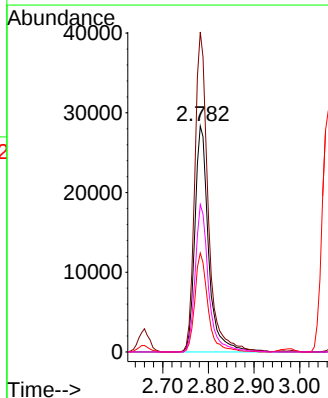
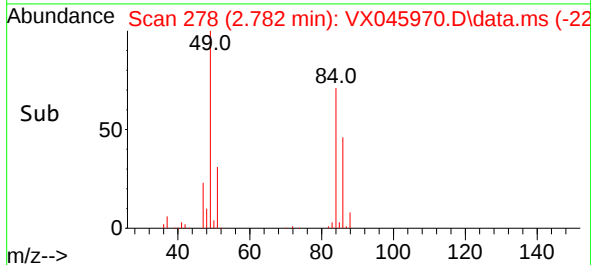
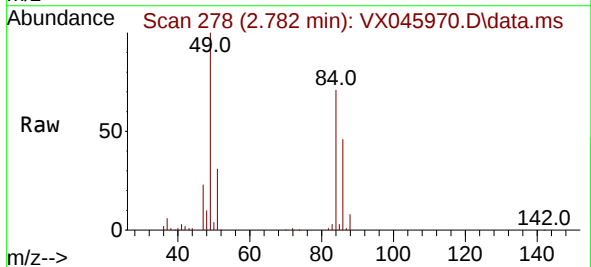
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 51.982 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

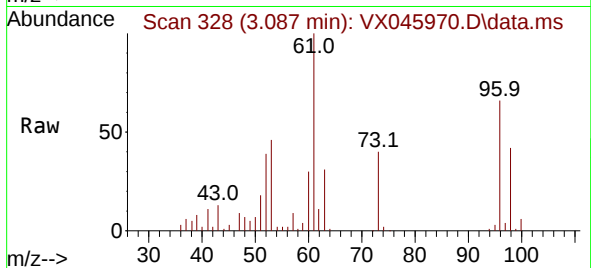
Tgt Ion: 84 Resp: 59148
Ion Ratio Lower Upper
84 100
49 141.6 107.5 161.3
51 43.7 33.0 49.6
86 65.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.330 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

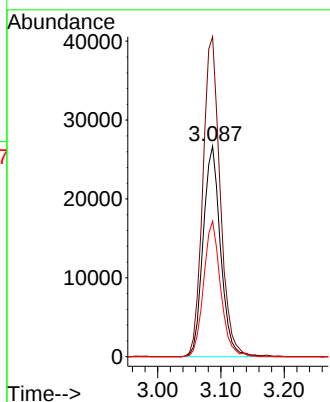
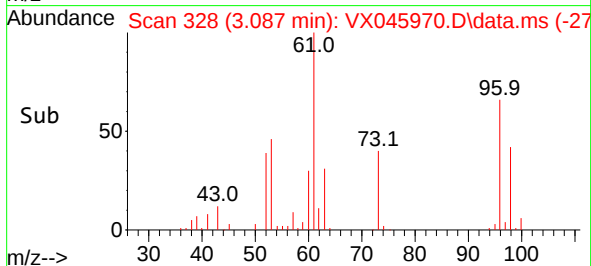
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 50954
Ion Ratio Lower Upper
96 100
61 151.9 121.0 181.6
98 64.3 49.7 74.5

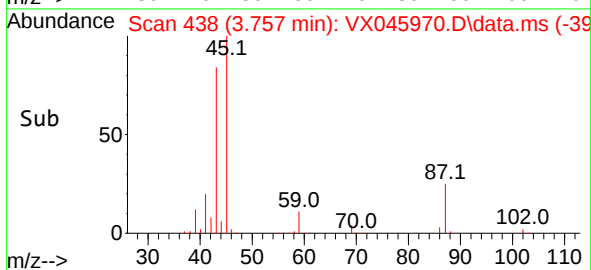
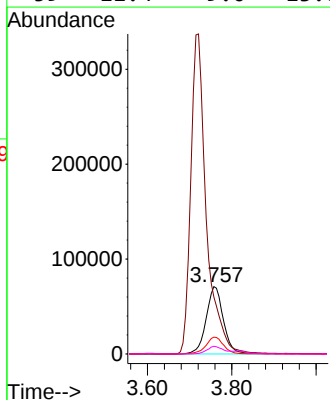
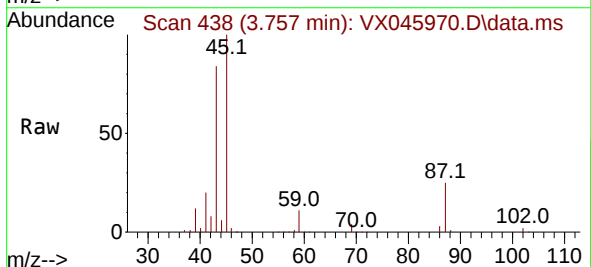
Manual Integrations
APPROVED

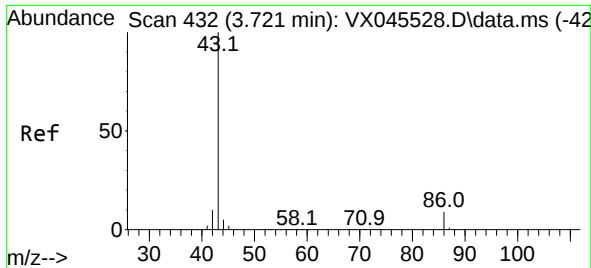
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#22
Diisopropyl ether
Concen: 55.433 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 45 Resp: 201314
Ion Ratio Lower Upper
45 100
43 84.0 59.3 88.9
87 25.0 20.4 30.6
59 11.4 9.0 13.6





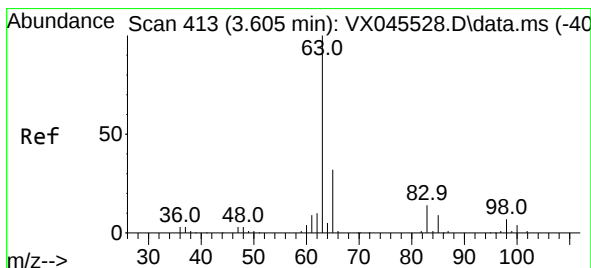
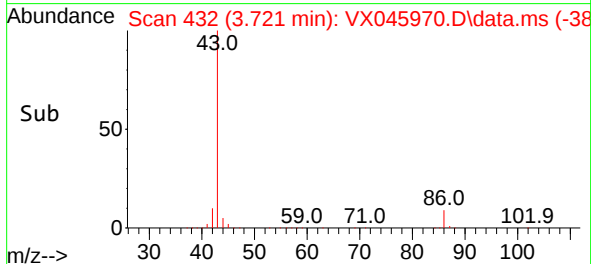
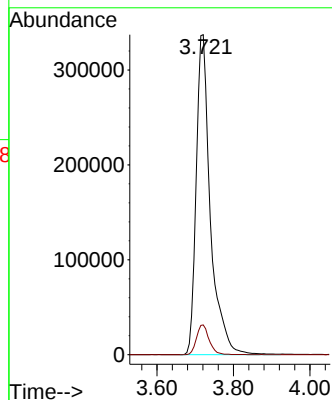
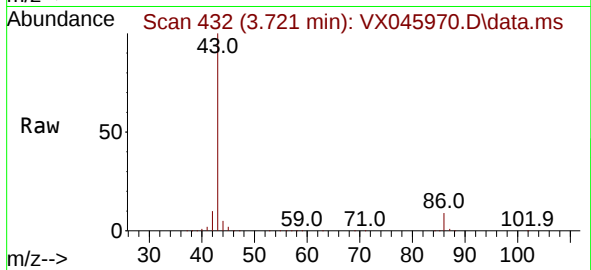
#23
 Vinyl Acetate
 Concen: 276.375 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 86718
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

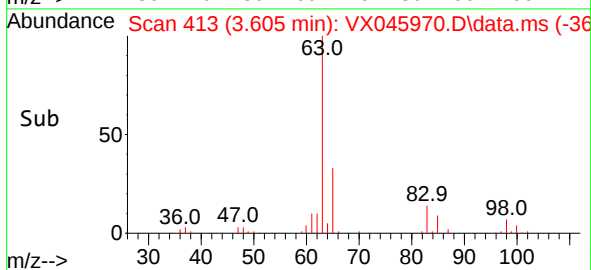
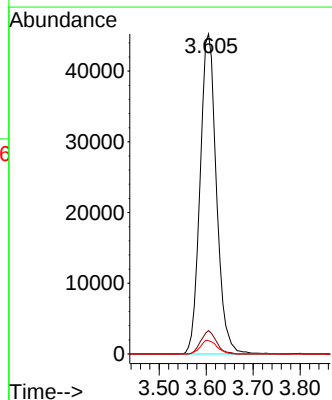
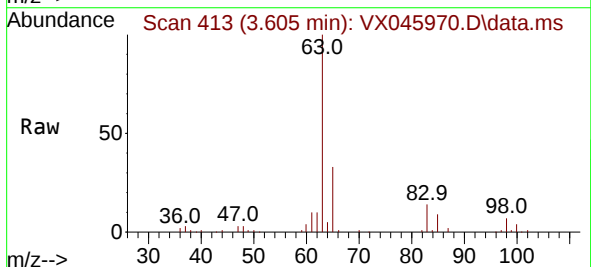
Manual Integrations
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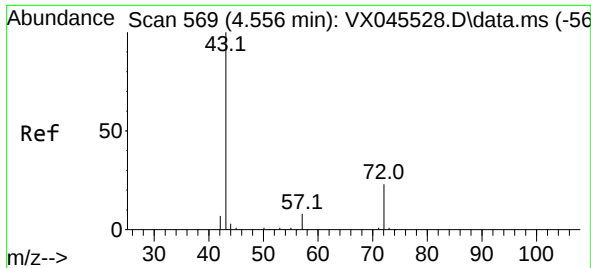
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#24
 1,1-Dichloroethane
 Concen: 53.248 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

Tgt Ion: 63 Resp: 109362
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.2 2.2 6.6





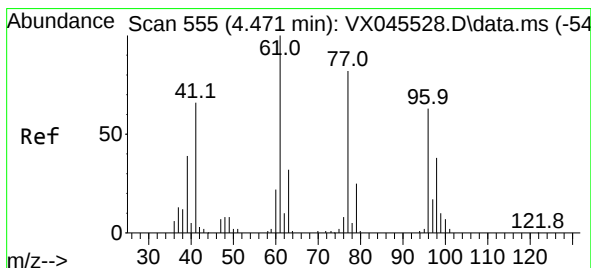
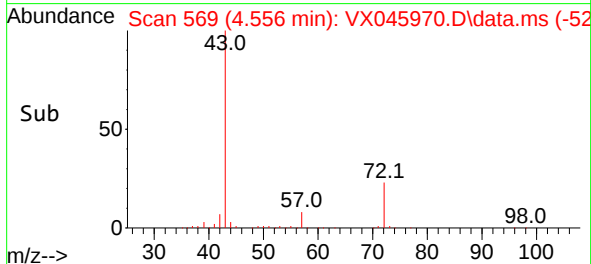
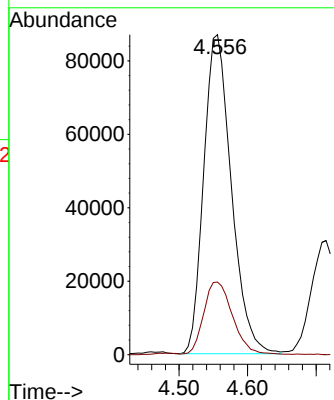
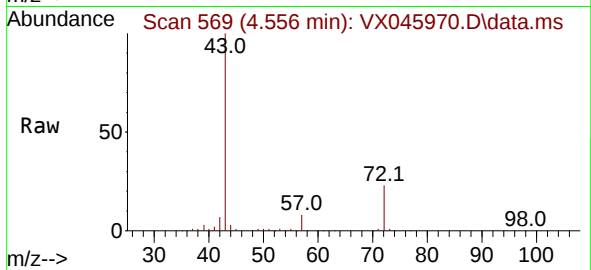
#25
2-Butanone
Concen: 274.042 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 243810
Ion Ratio Lower Upper
43 100
72 22.6 18.6 28.0

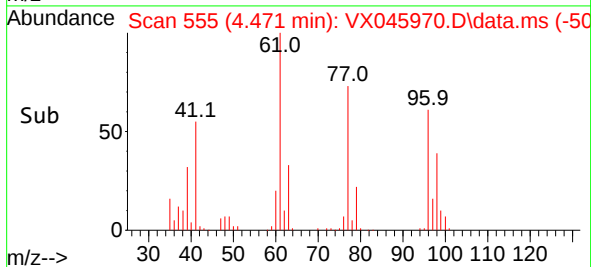
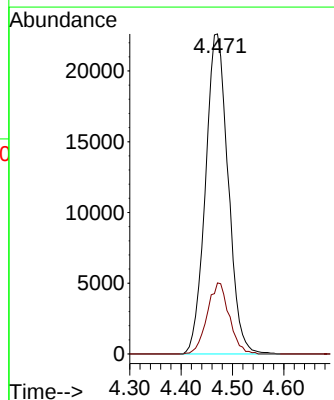
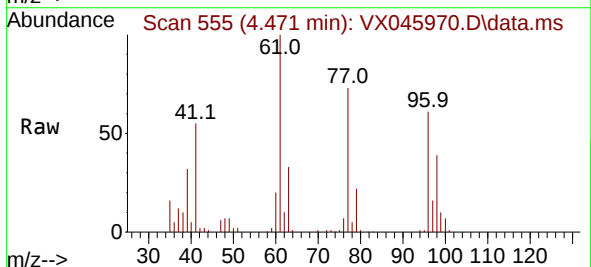
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#26
2,2-Dichloropropane
Concen: 52.153 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 77 Resp: 69205
Ion Ratio Lower Upper
77 100
97 21.7 10.6 31.8





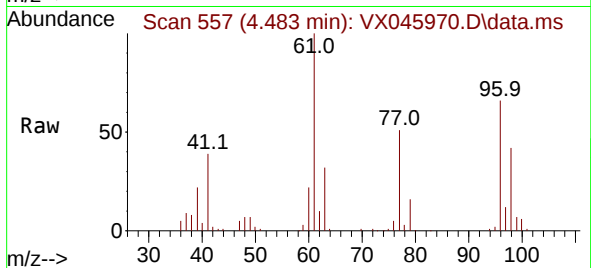
#27
 cis-1,2-Dichloroethene
 Concen: 52.657 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



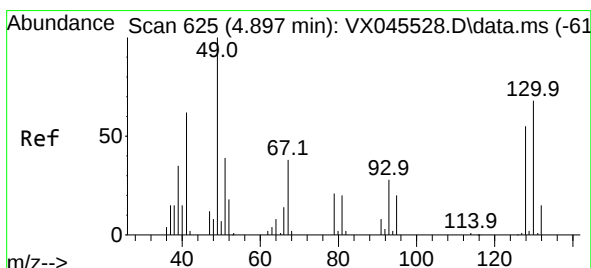
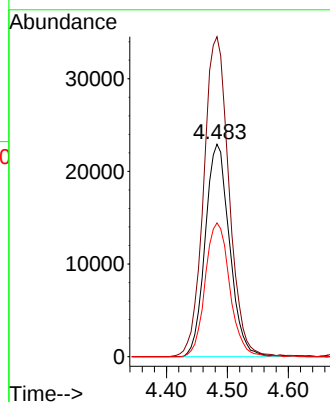
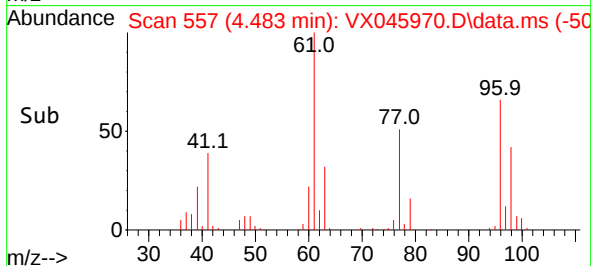
Tgt Ion: 96 Resp: 6368
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 313.2
 98 63.3 0.0 126.4

Manual Integrations

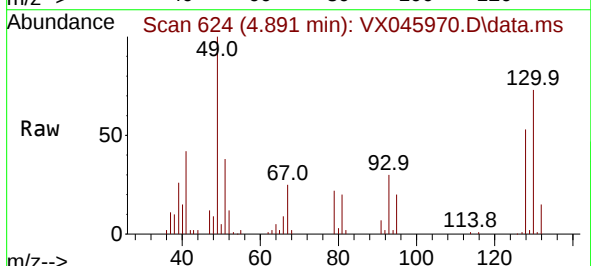
APPROVED

Reviewed By :John Carlone 04/29/2025

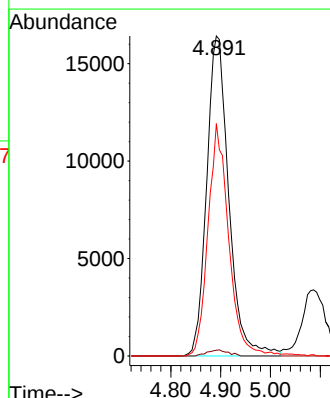
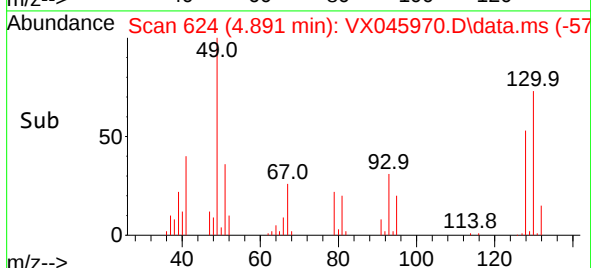
Supervised By :Semsettin Yesilyurt 04/29/2025

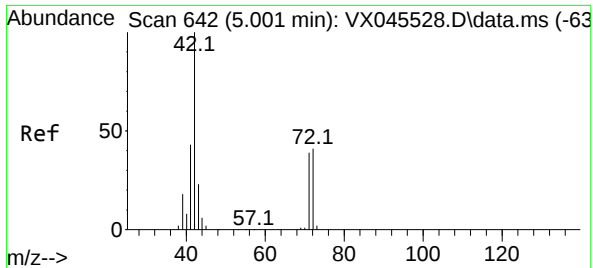


#28
 Bromochloromethane
 Concen: 50.906 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28



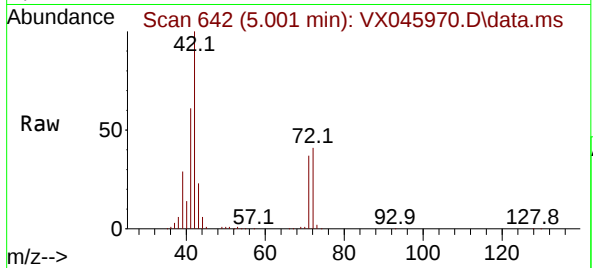
Tgt Ion: 49 Resp: 50524
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 67.6 54.6 81.8





#29
Tetrahydrofuran
Concen: 264.535 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

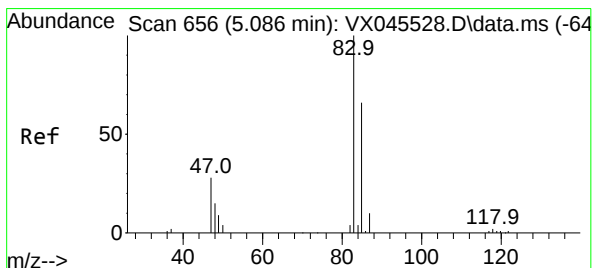
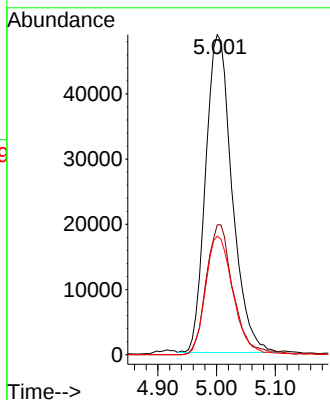
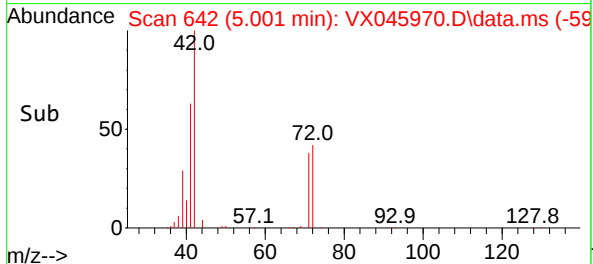
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 152580
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 38.9 31.4 47.0

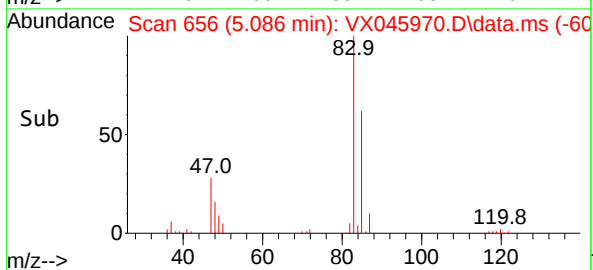
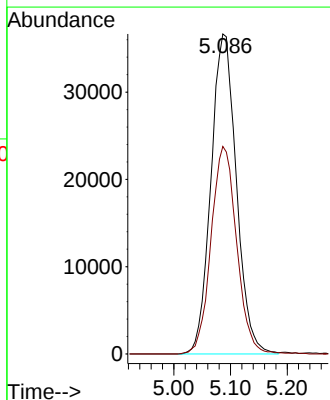
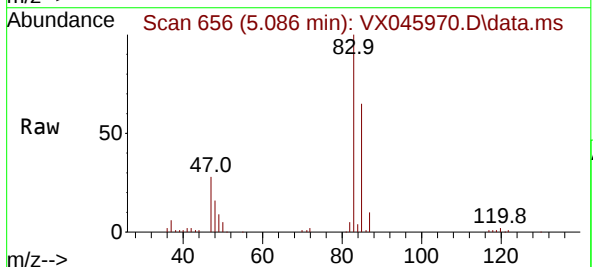
Manual Integrations
APPROVED

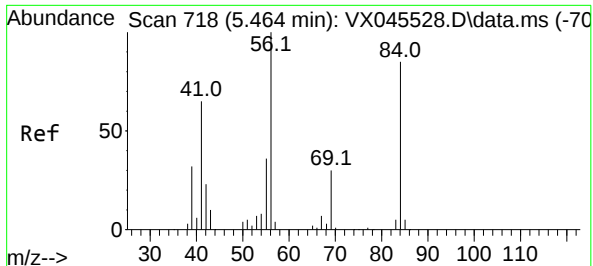
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#30
Chloroform
Concen: 53.979 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

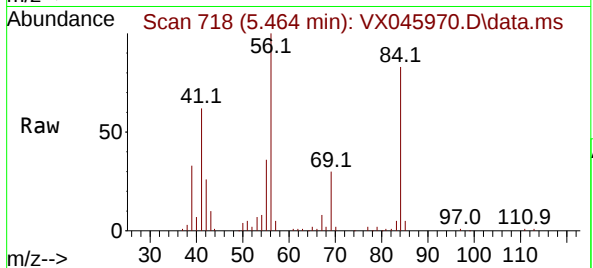
Tgt Ion: 83 Resp: 114075
Ion Ratio Lower Upper
83 100
85 64.8 52.8 79.2





#31
Cyclohexane
Concen: 51.230 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

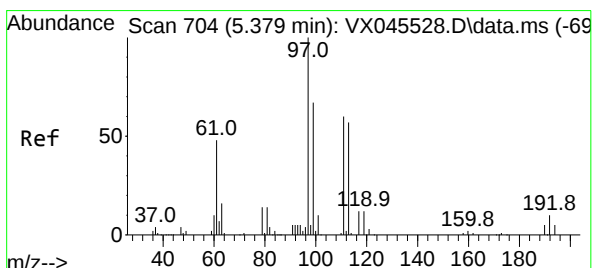
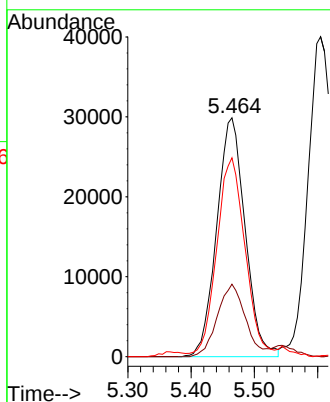
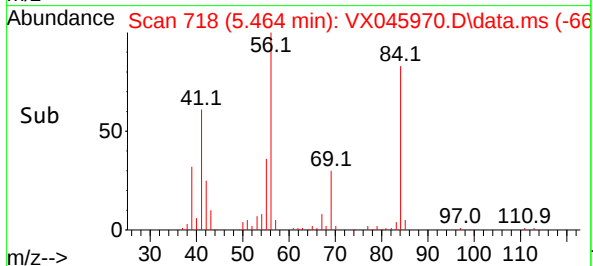
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 93018
Ion Ratio Lower Upper
56 100
69 30.3 23.6 35.4
84 81.4 67.7 101.5

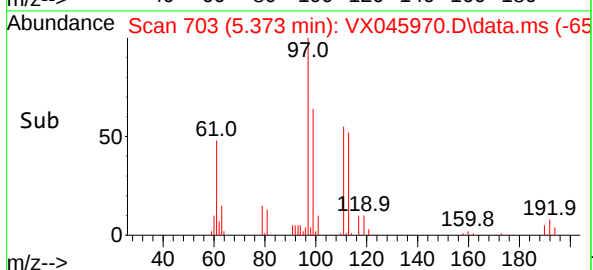
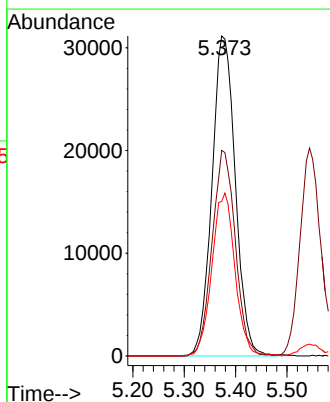
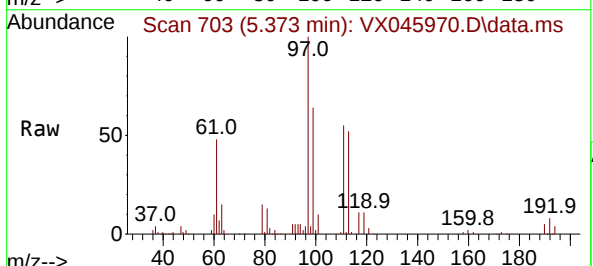
Manual Integrations
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Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#32
1,1,1-Trichloroethane
Concen: 55.067 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 97 Resp: 98472
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 50.4 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.046 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7555

Ion Ratio Lower Upper

65 100

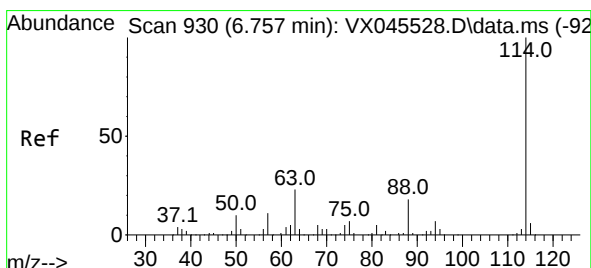
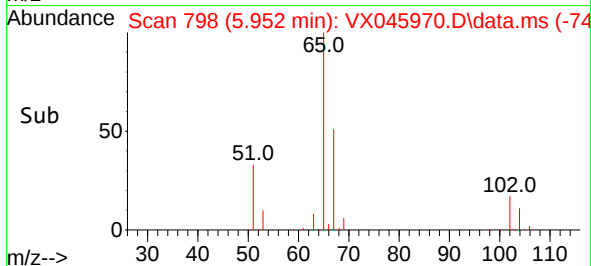
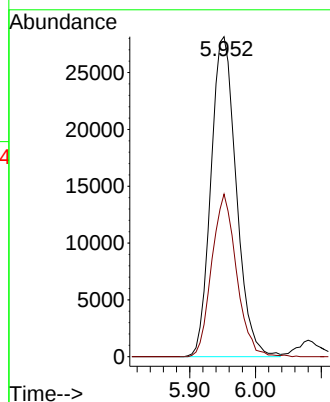
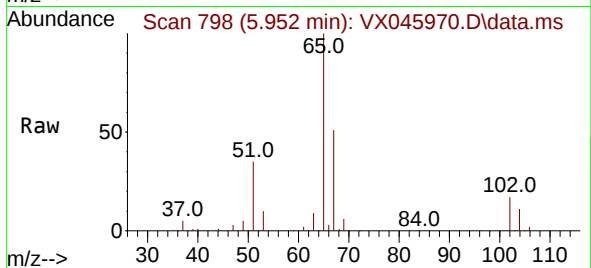
67 49.7 0.0 99.0

Manual Integrations

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

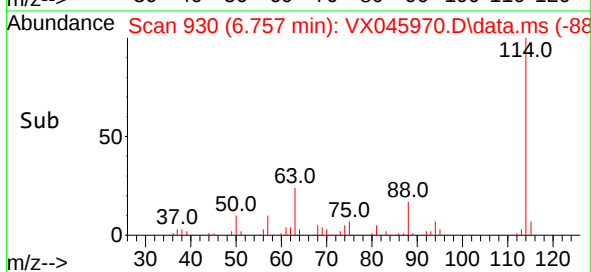
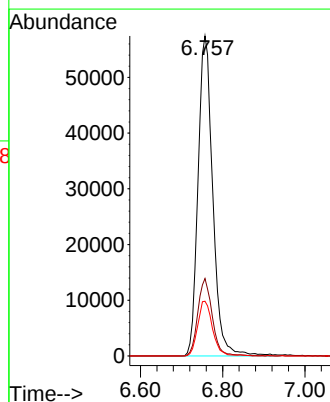
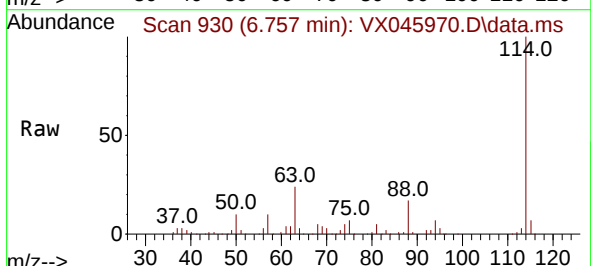
Tgt Ion:114 Resp: 142782

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 17.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.023 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 53714

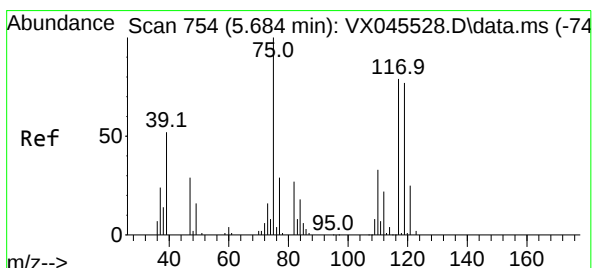
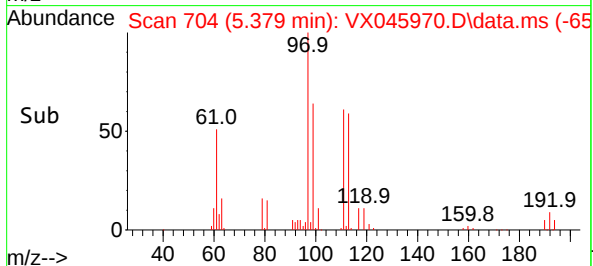
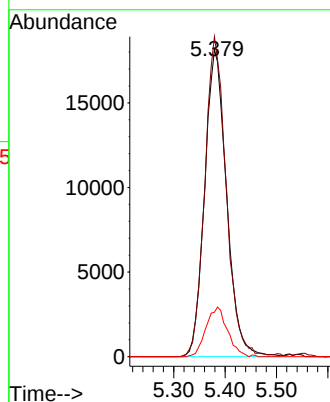
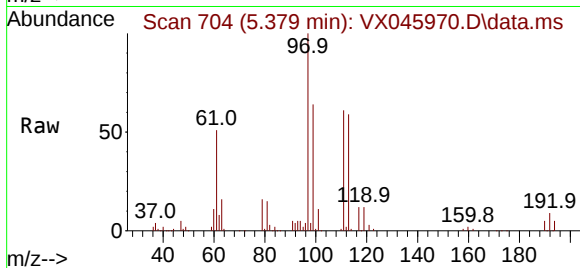
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	15.8	13.8	20.6

Manual Integrations

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#36

1,1-Dichloropropene

Concen: 52.821 ug/l

RT: 5.684 min Scan# 754

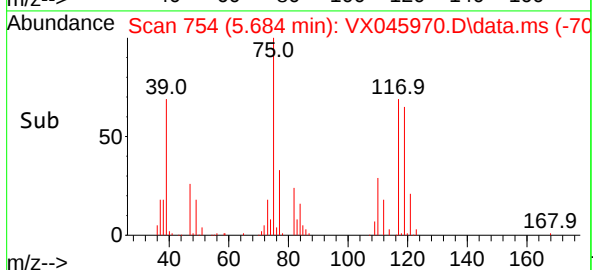
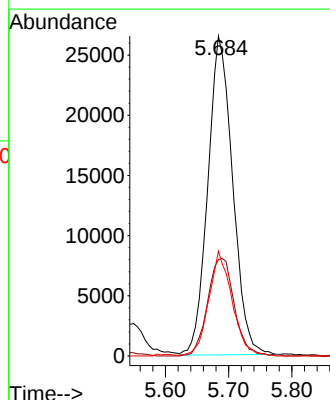
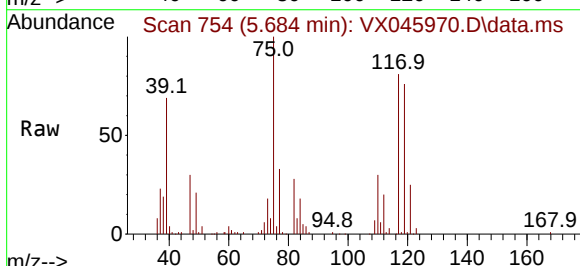
Delta R.T. 0.000 min

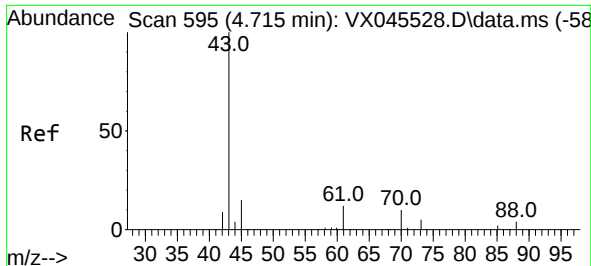
Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Tgt Ion: 75 Resp: 72249

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.6
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 52.225 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9002

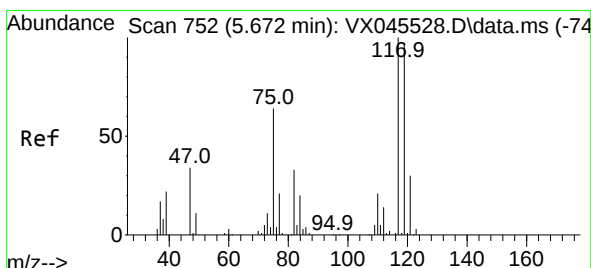
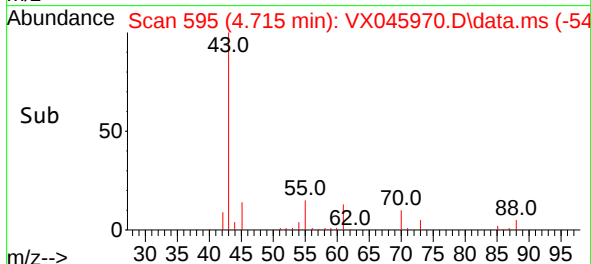
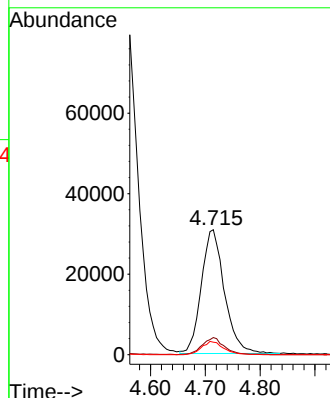
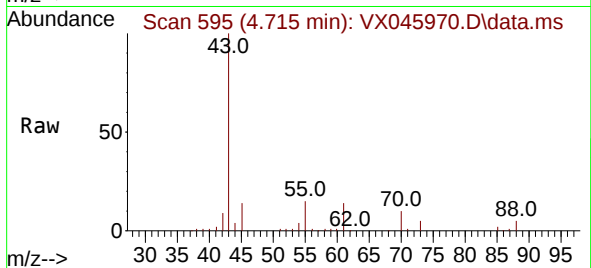
Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.9	14.9
70	10.1	7.5	11.3

Manual Integrations

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#38

Carbon Tetrachloride

Concen: 55.437 ug/l

RT: 5.666 min Scan# 751

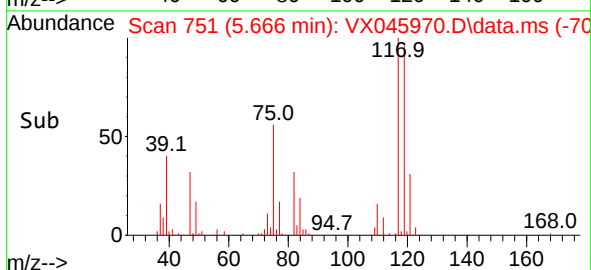
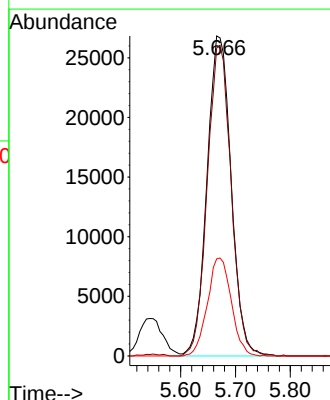
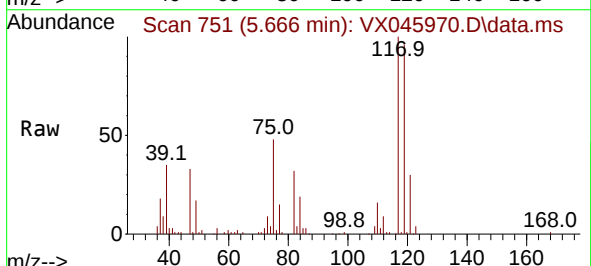
Delta R.T. -0.006 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Tgt Ion:117 Resp: 81950

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
121	30.4	24.2	36.2





#39
Methylcyclohexane
Concen: 53.446 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

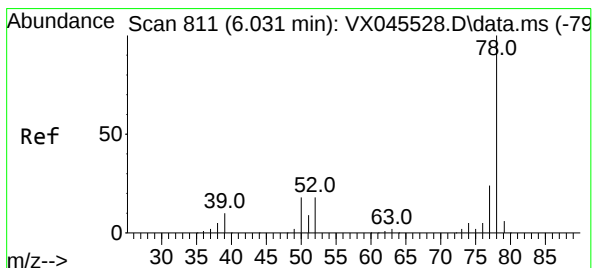
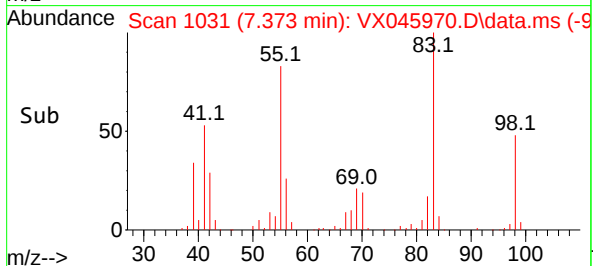
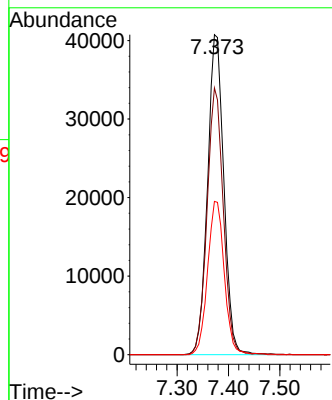
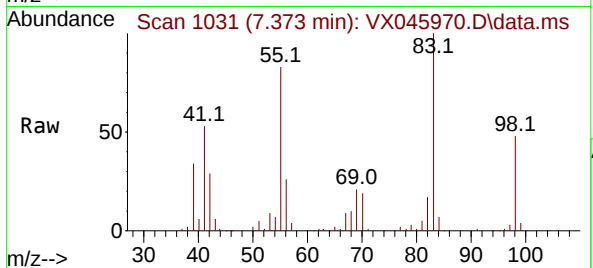
Tgt Ion: 83 Resp: 8961
Ion Ratio Lower Upper
83 100
55 83.4 64.9 97.3
98 47.9 37.4 56.0

Manual Integrations

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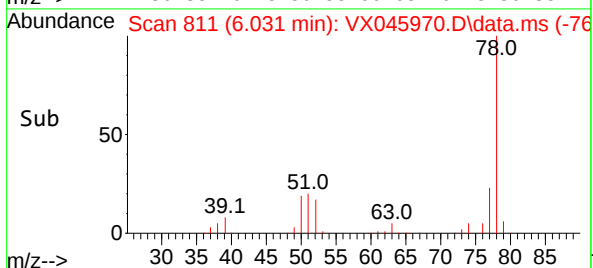
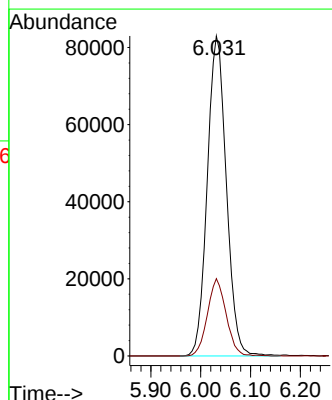
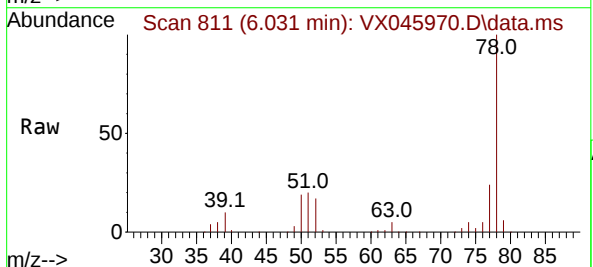
Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#40
Benzene
Concen: 52.742 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

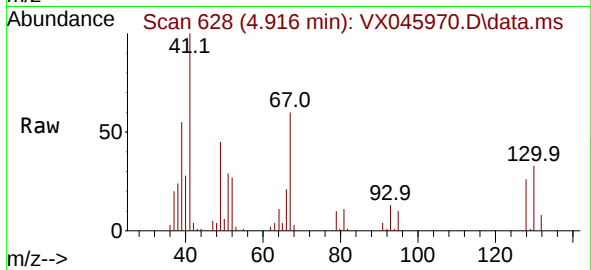
Tgt Ion: 78 Resp: 220324
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 58.038 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

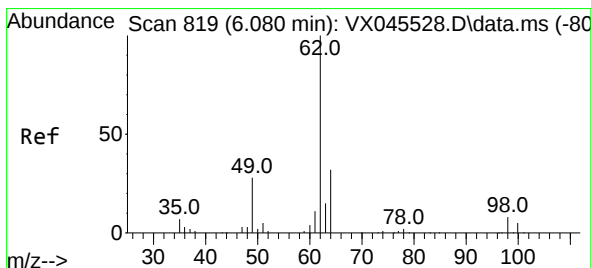
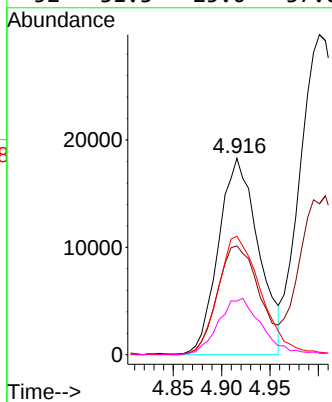
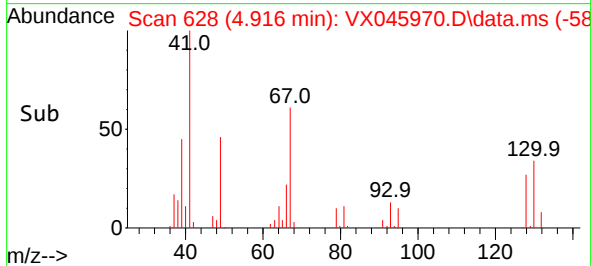
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5278
Ion Ratio Lower Upper
41 100
39 58.7 47.0 70.6
67 64.8 53.2 79.8
52 31.3 25.0 37.6

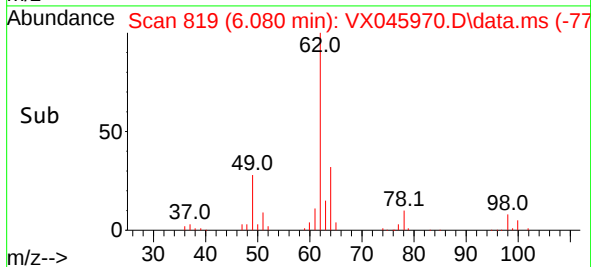
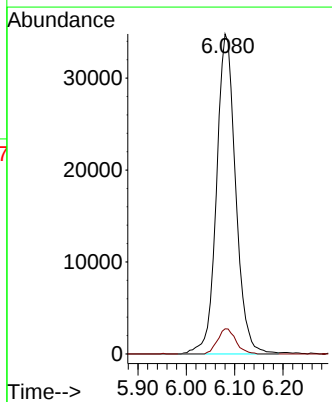
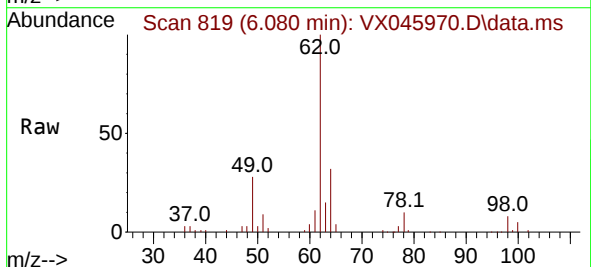
Manual Integrations
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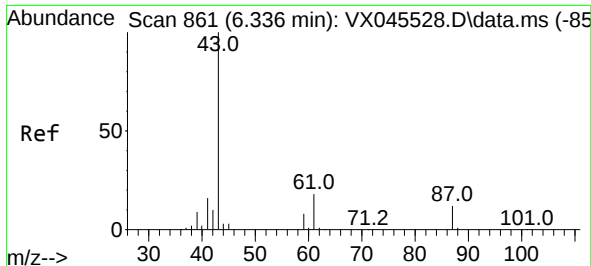
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#42
1,2-Dichloroethane
Concen: 55.471 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 62 Resp: 95708
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43

Isopropyl Acetate

Concen: 56.928 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 14872

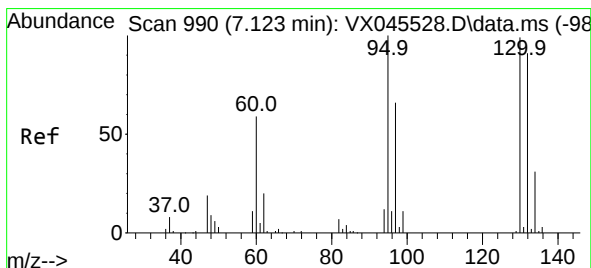
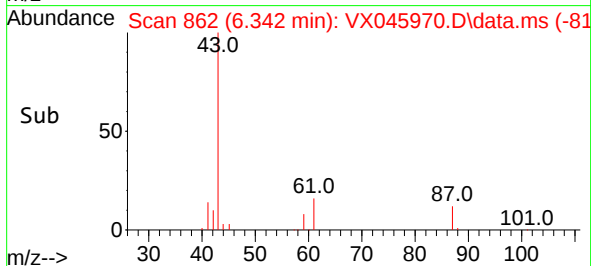
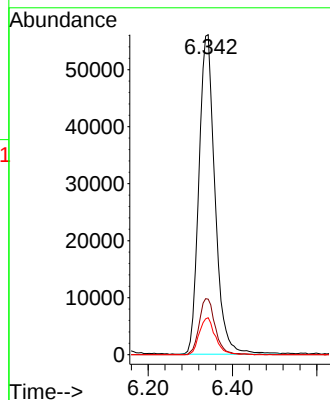
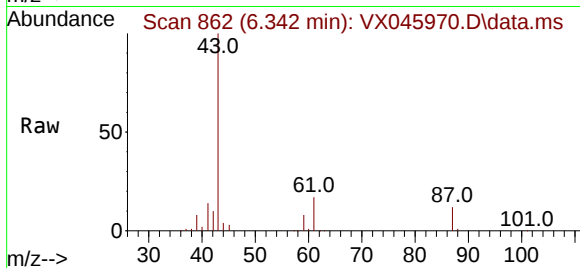
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	11.4	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#44

Trichloroethene

Concen: 52.513 ug/l

RT: 7.123 min Scan# 990

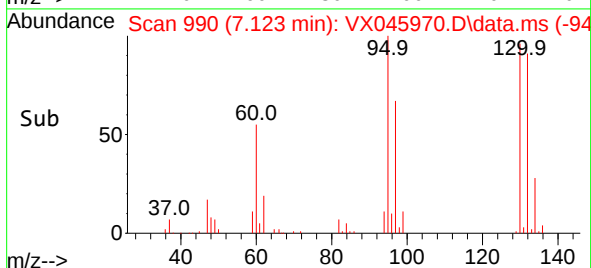
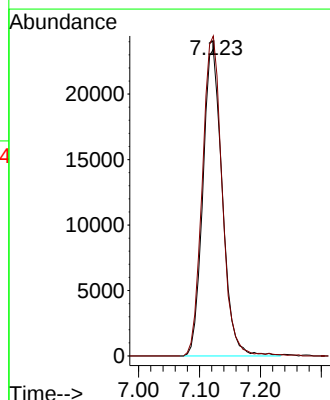
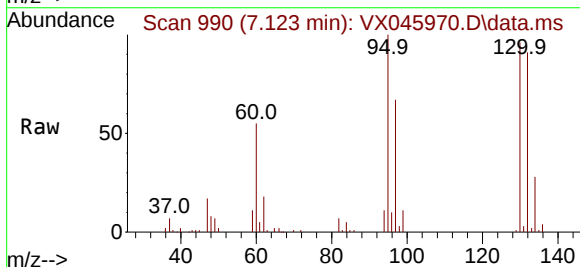
Delta R.T. 0.000 min

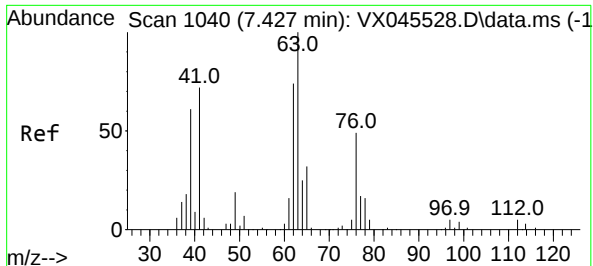
Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Tgt Ion:130 Resp: 52140

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	202.0





#45

1,2-Dichloropropane

Concen: 54.362 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5666

Ion Ratio Lower Upper

63 100

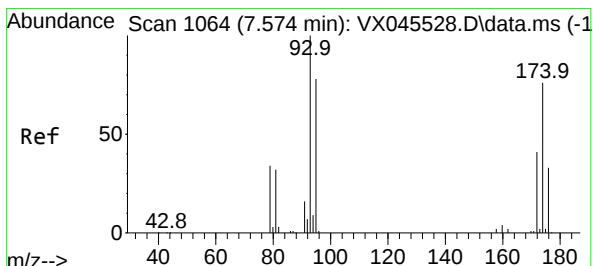
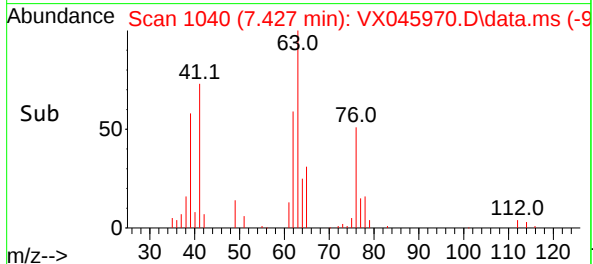
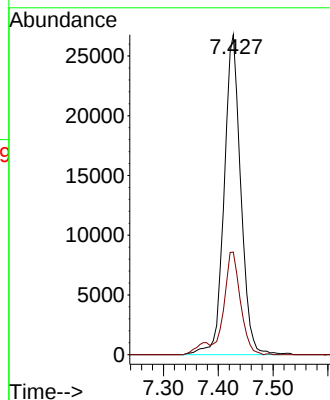
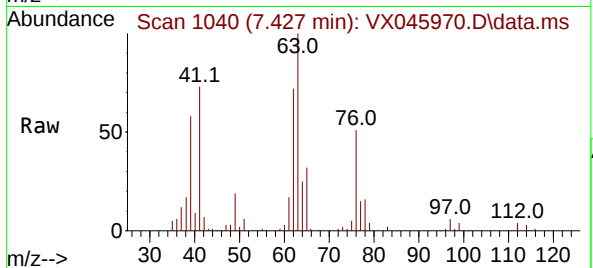
65 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#46

Dibromomethane

Concen: 54.017 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

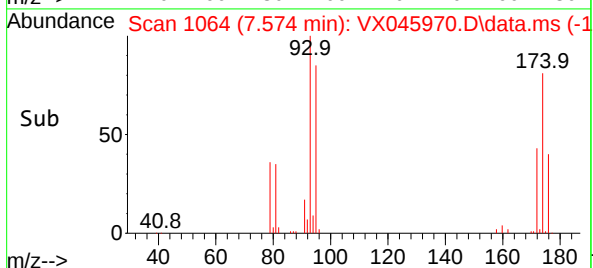
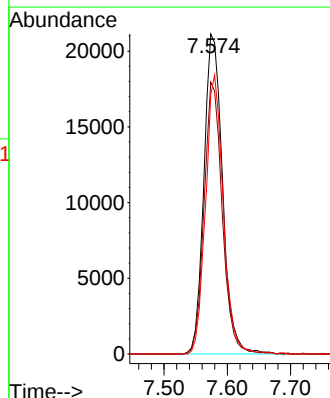
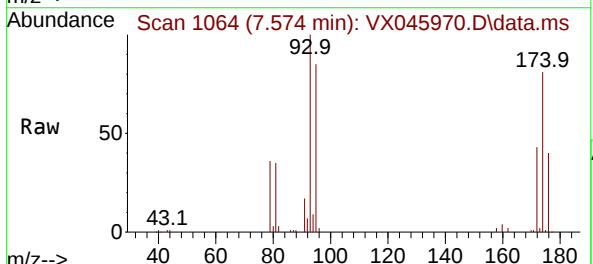
Tgt Ion: 93 Resp: 43220

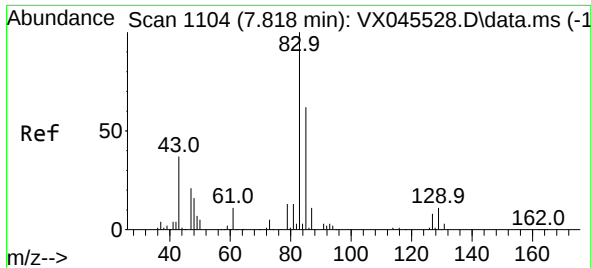
Ion Ratio Lower Upper

93 100

95 83.2 64.8 97.2

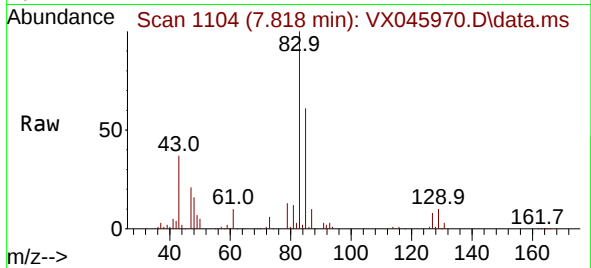
174 83.4 65.4 98.0





#47
Bromodichloromethane
Concen: 55.164 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

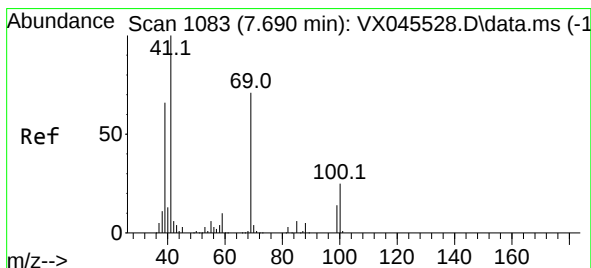
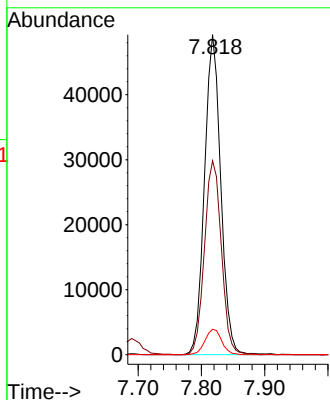
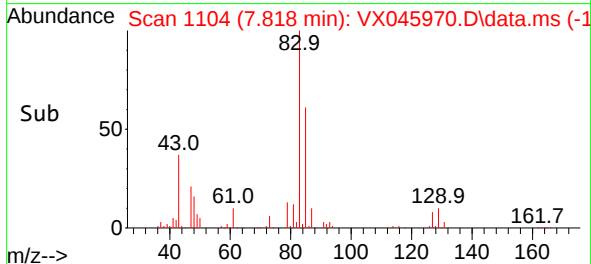
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 8814
Ion Ratio Lower Upper
83 100
85 60.6 49.7 74.5
127 8.0 6.1 9.1

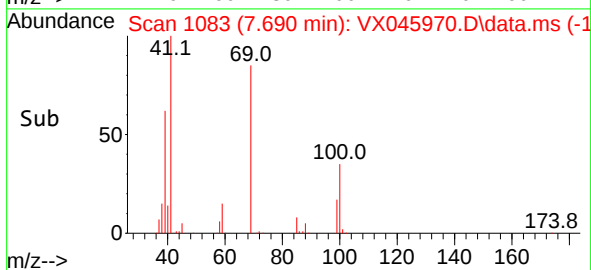
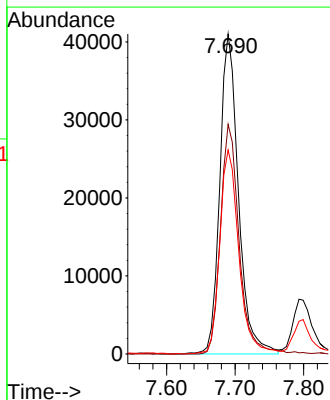
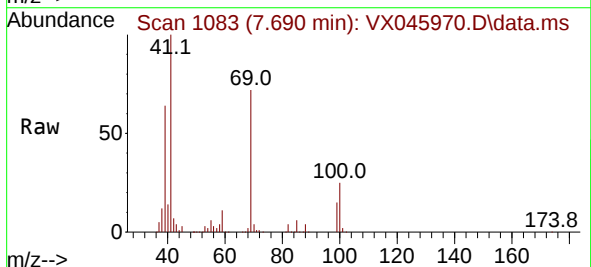
Manual Integrations
APPROVED

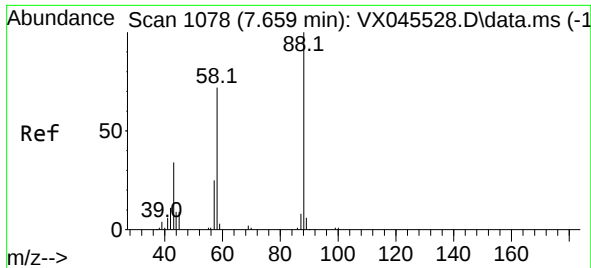
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#48
Methyl methacrylate
Concen: 57.351 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 41 Resp: 77360
Ion Ratio Lower Upper
41 100
69 71.6 58.2 87.2
39 65.2 53.6 80.4





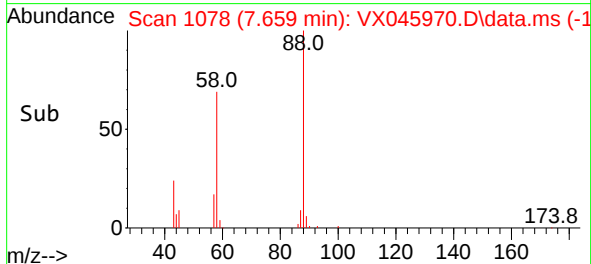
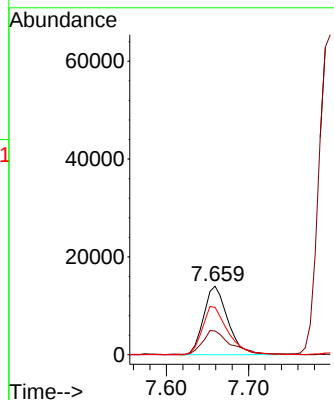
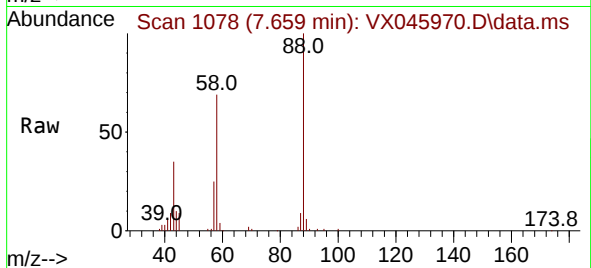
#49
1,4-Dioxane
Concen: 1164.472 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 28419
Ion Ratio Lower Upper
88 100
43 42.3 32.2 48.4
58 74.2 58.6 88.0

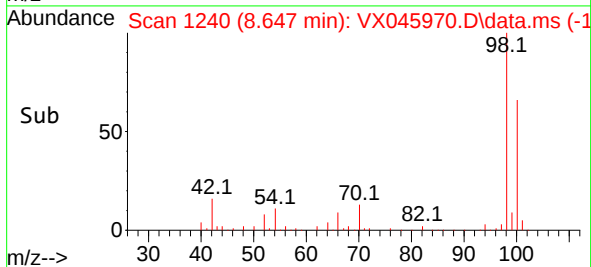
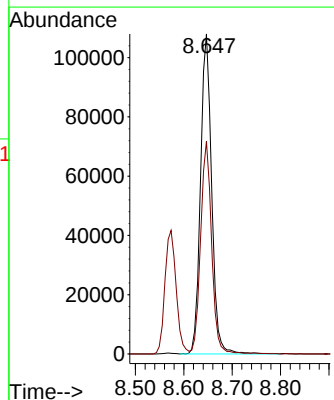
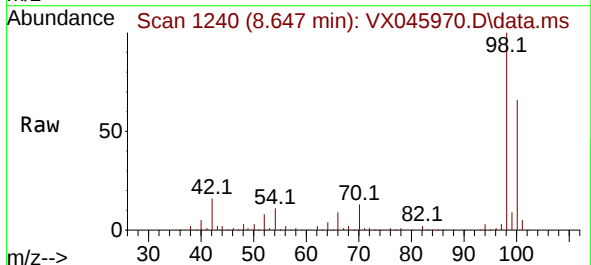
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 98 Resp: 172354
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





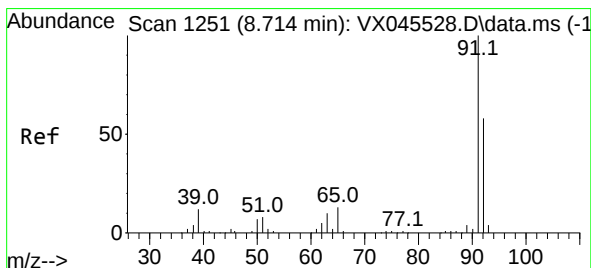
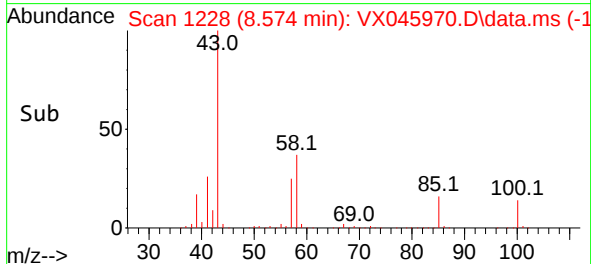
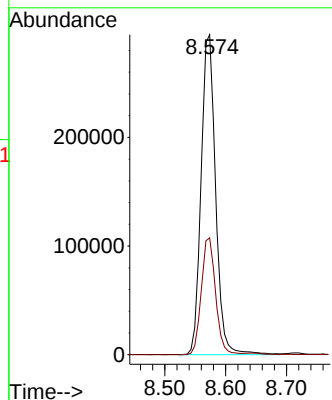
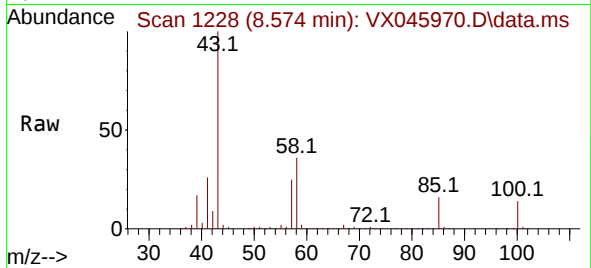
#51
4-Methyl-2-Pentanone
Concen: 281.947 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 488302
Ion Ratio Lower Upper
43 100
58 35.9 28.5 42.7

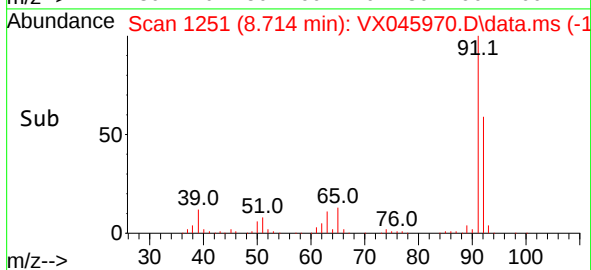
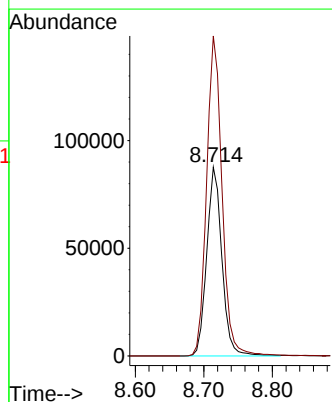
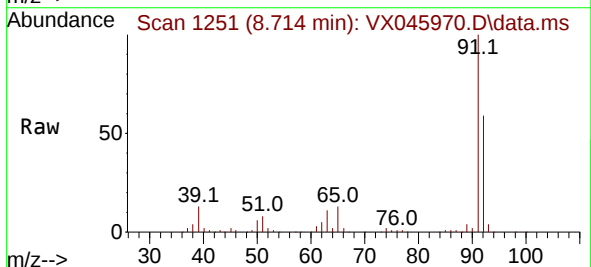
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#52
Toluene
Concen: 53.632 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 92 Resp: 135569
Ion Ratio Lower Upper
92 100
91 172.4 138.7 208.1





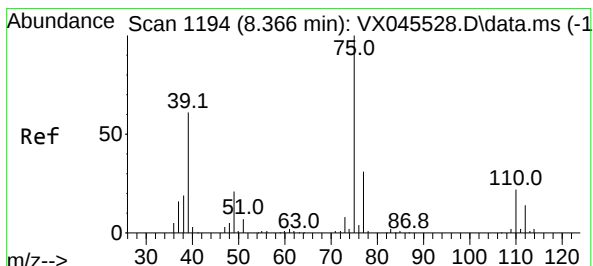
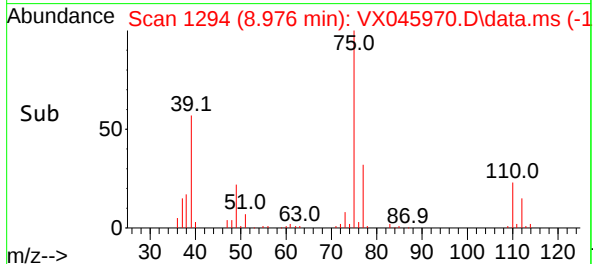
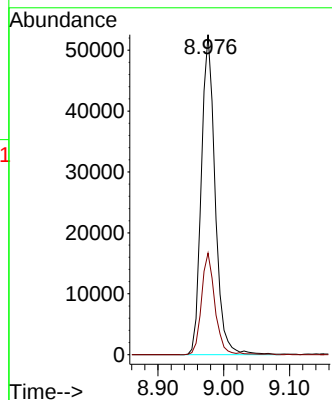
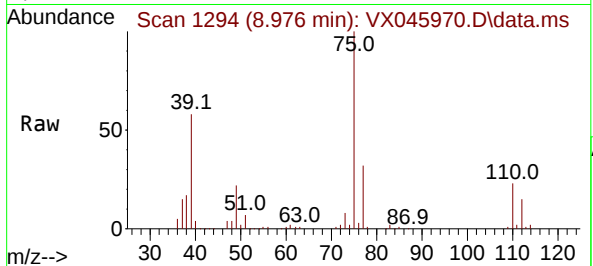
#53
t-1,3-Dichloropropene
Concen: 50.008 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7684
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

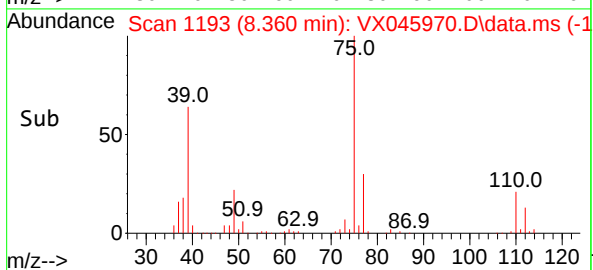
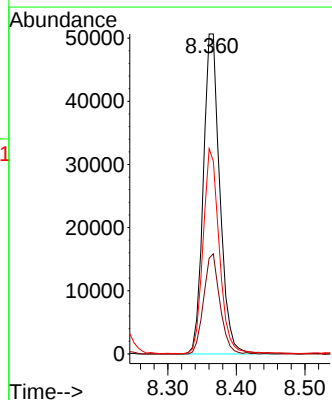
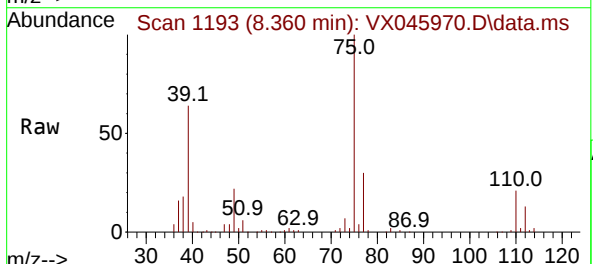
Manual Integrations
APPROVED

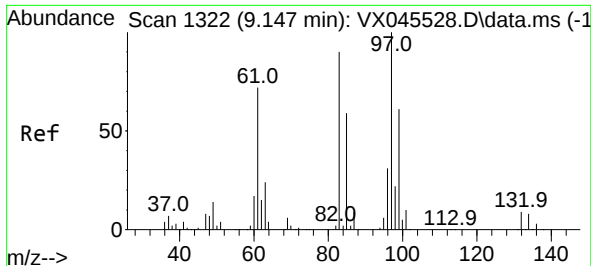
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#54
cis-1,3-Dichloropropene
Concen: 56.594 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

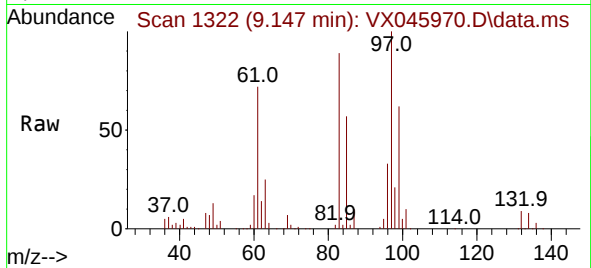
Tgt Ion: 75 Resp: 84979
Ion Ratio Lower Upper
75 100
77 30.0 24.6 36.8
39 64.0 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 54.981 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

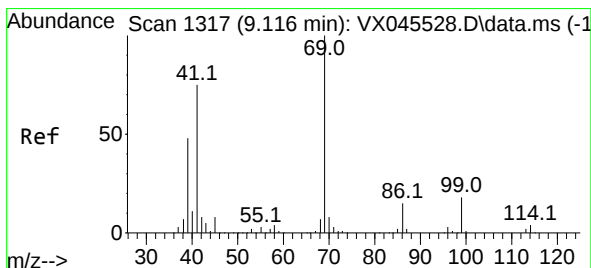
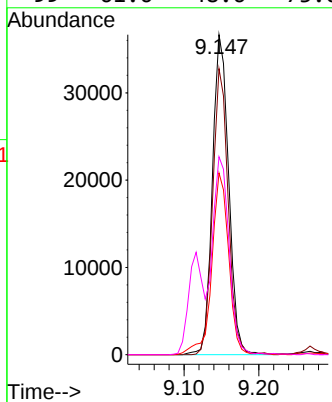
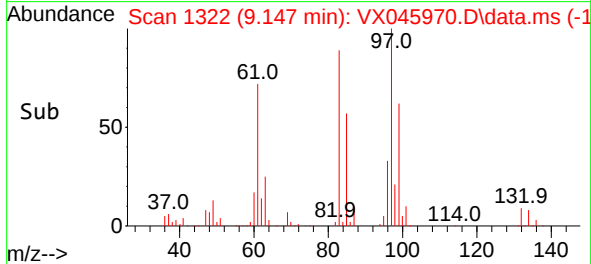
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



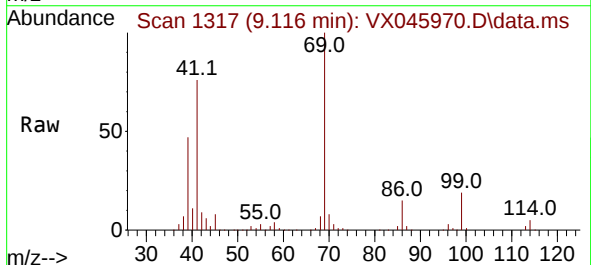
Tgt Ion: 97 Resp: 5538
Ion Ratio Lower Upper
97 100
83 89.4 71.8 107.8
85 56.8 47.0 70.6
99 61.6 48.6 73.0

Manual Integrations
APPROVED

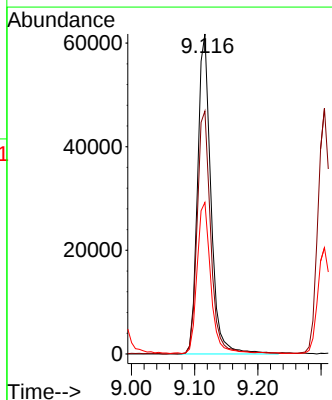
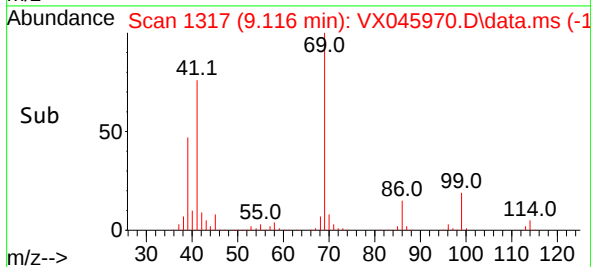
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

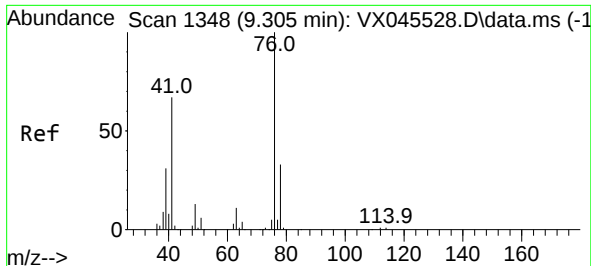


#56
Ethyl methacrylate
Concen: 58.204 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



Tgt Ion: 69 Resp: 90733
Ion Ratio Lower Upper
69 100
41 77.6 61.3 91.9
39 48.1 40.2 60.2





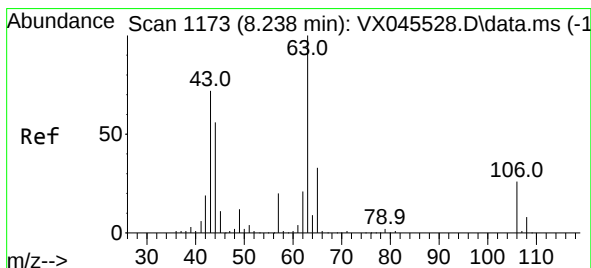
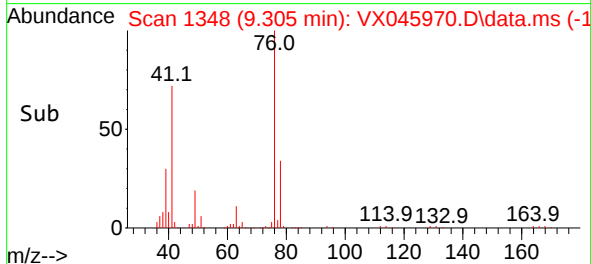
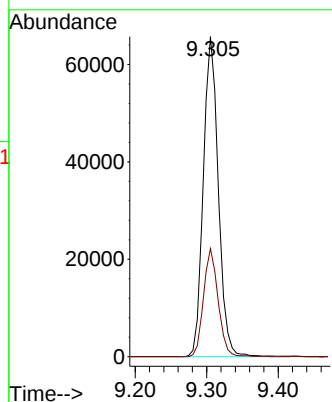
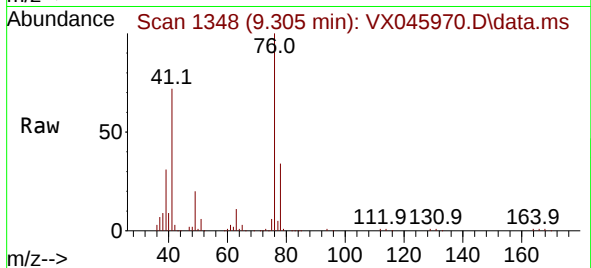
#57
1,3-Dichloropropane
Concen: 54.639 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 95839
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

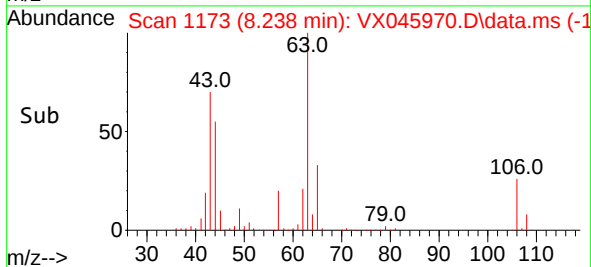
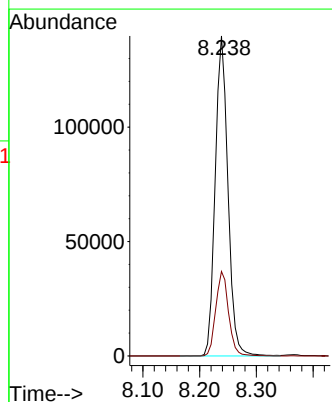
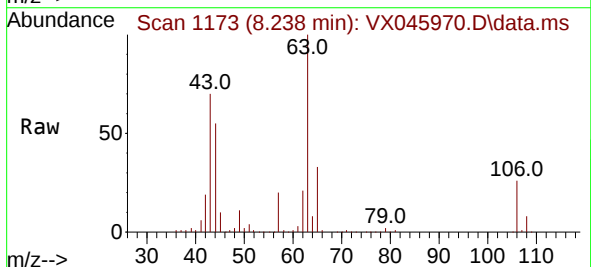
Manual Integrations
APPROVED

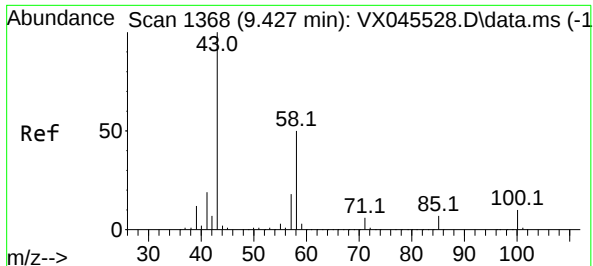
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 276.500 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

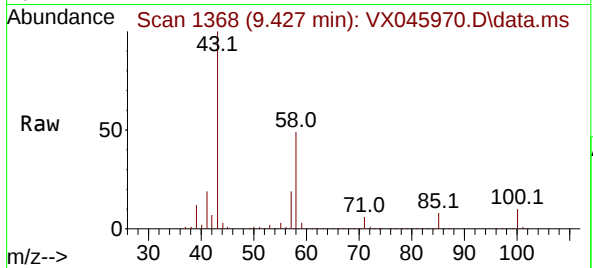
Tgt Ion: 63 Resp: 218046
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.6





#59
2-Hexanone
Concen: 285.358 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

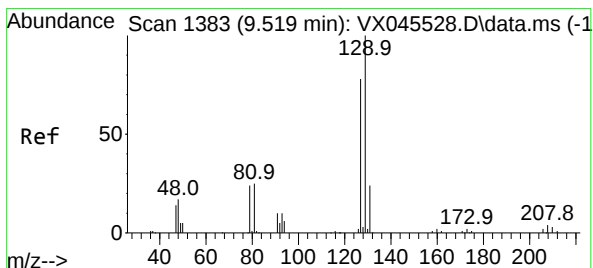
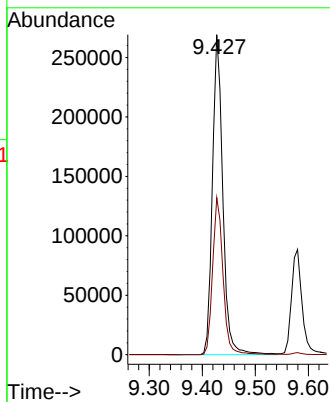
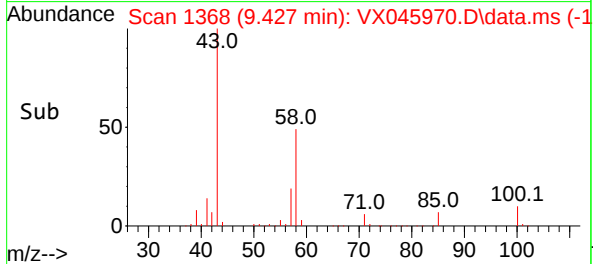
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 365974
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

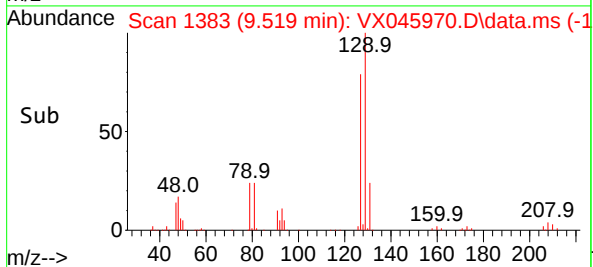
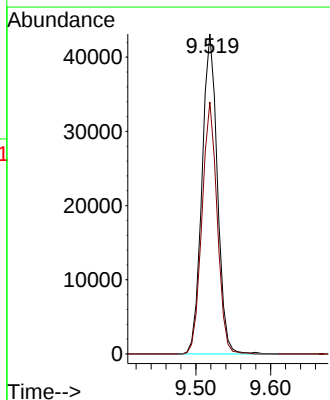
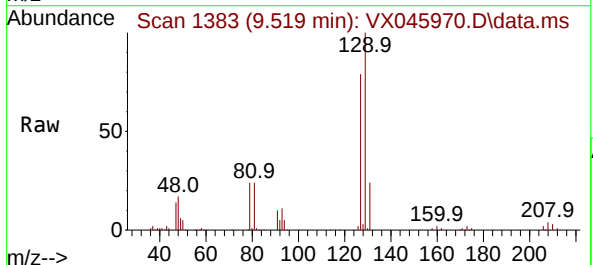
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#60
Dibromochloromethane
Concen: 56.111 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

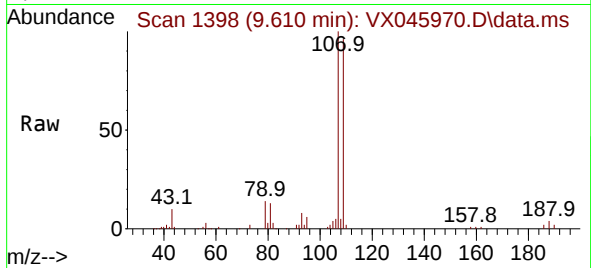
Tgt Ion:129 Resp: 61617
Ion Ratio Lower Upper
129 100
127 77.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.097 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

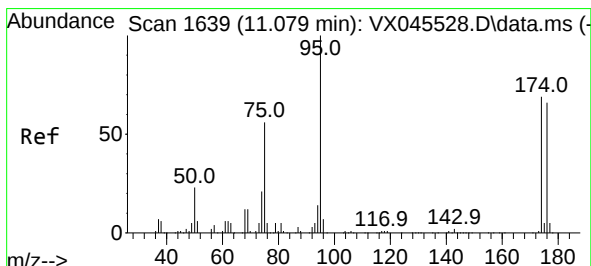
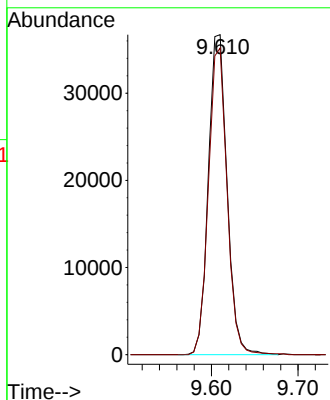
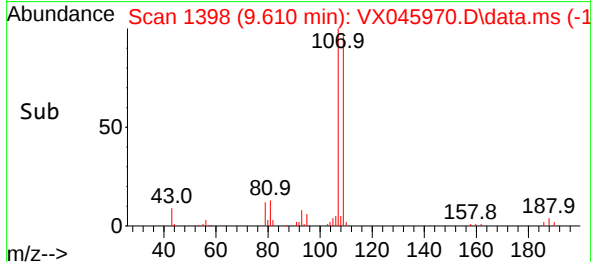
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5516
Ion Ratio Lower Upper
107 100
109 95.3 75.7 113.5

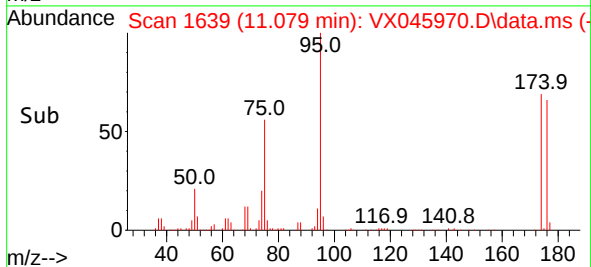
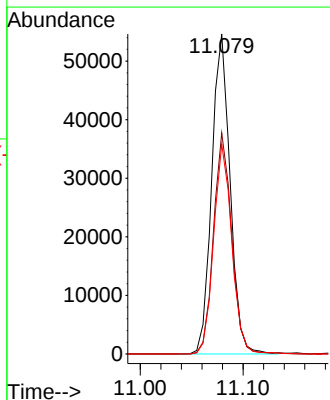
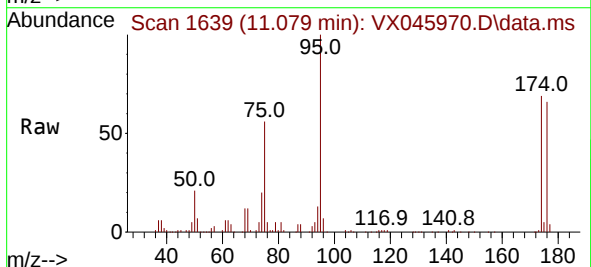
Manual Integrations
APPROVED

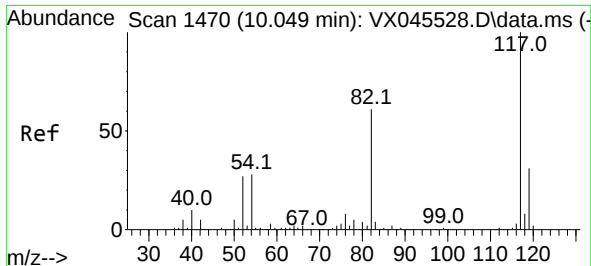
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#62
4-Bromofluorobenzene
Concen: 52.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

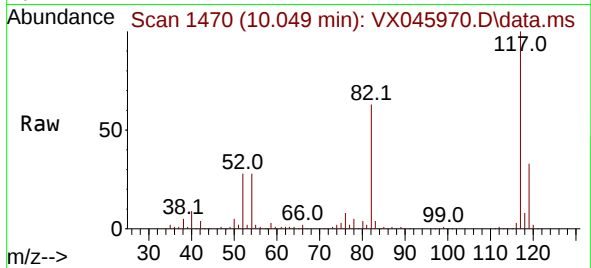
Tgt Ion: 95 Resp: 67539
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

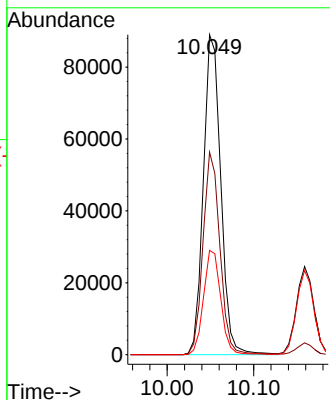
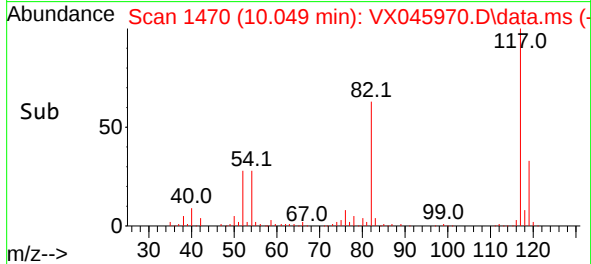
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 12431
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 32.6 25.1 37.7

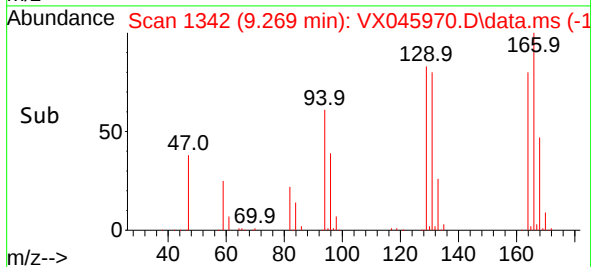
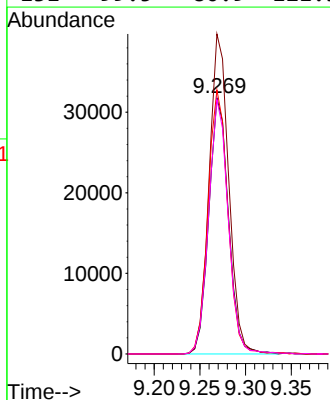
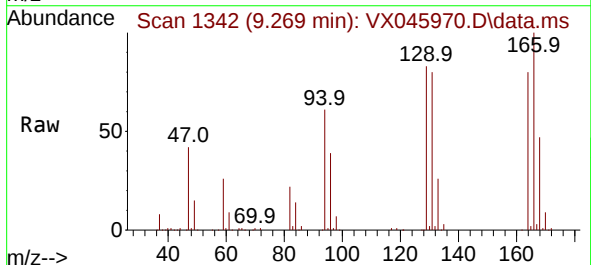
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#64
Tetrachloroethene
Concen: 53.963 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

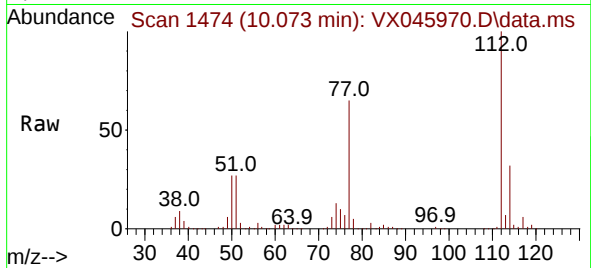
Tgt Ion:164 Resp: 47364
Ion Ratio Lower Upper
164 100
166 125.1 103.8 155.8
129 103.2 84.3 126.5
131 99.5 80.9 121.3





#65
Chlorobenzene
Concen: 54.372 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

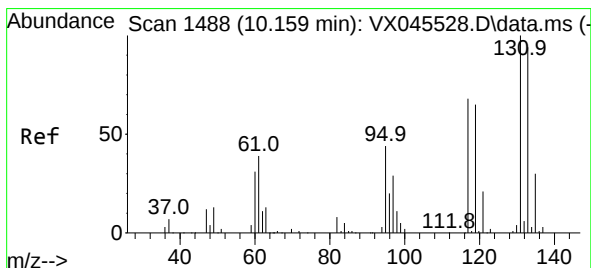
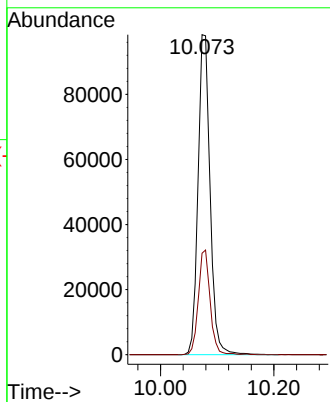
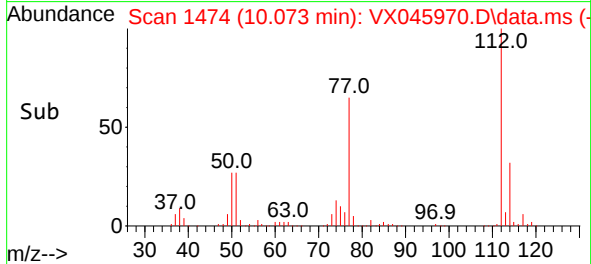
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 14443
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

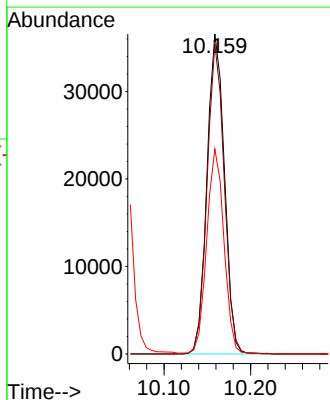
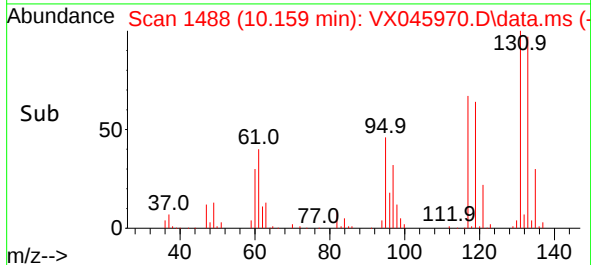
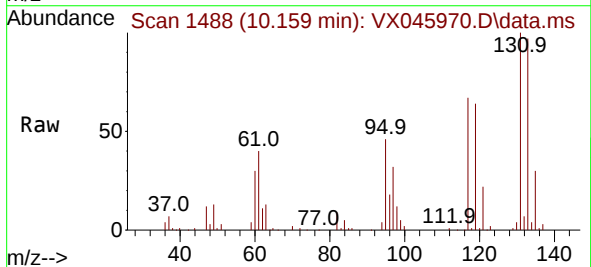
Manual Integrations
APPROVED

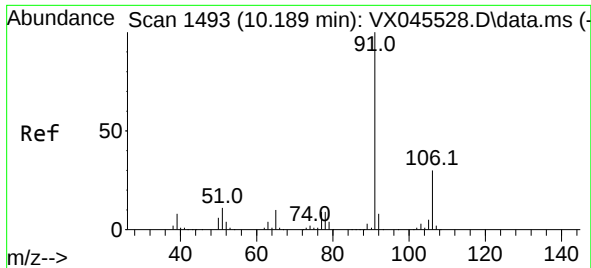
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.479 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

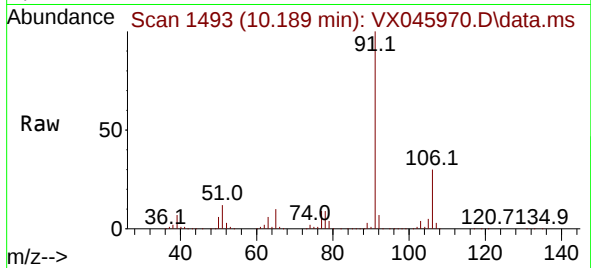
Tgt Ion:131 Resp: 51167
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 63.4 32.9 98.6





#67
Ethyl Benzene
Concen: 55.640 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

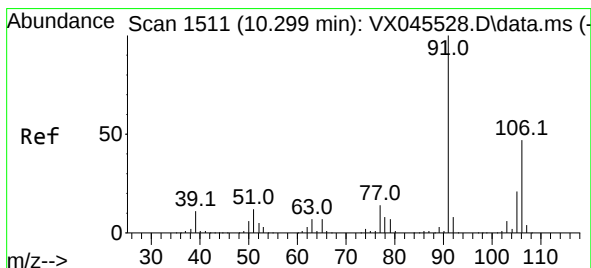
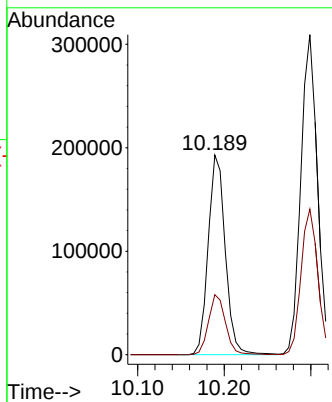
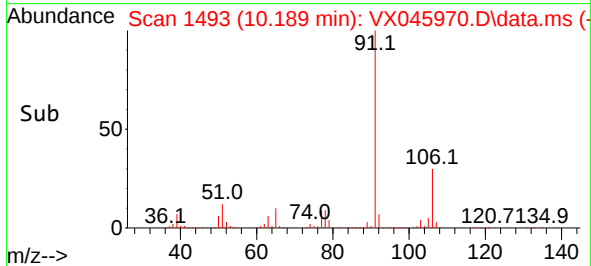
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26472
Ion Ratio Lower Upper
91 100
106 30.1 23.7 35.5

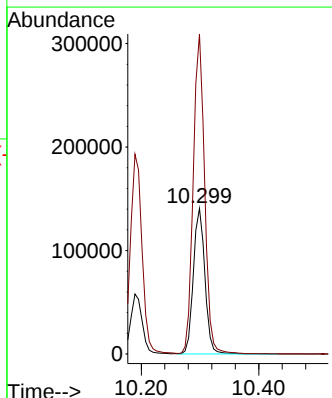
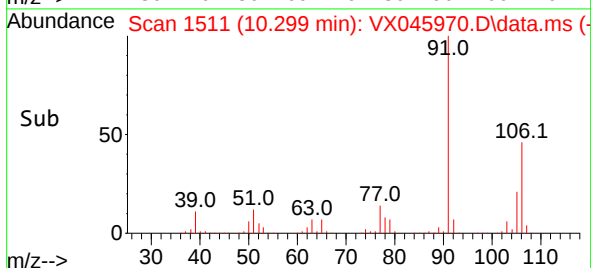
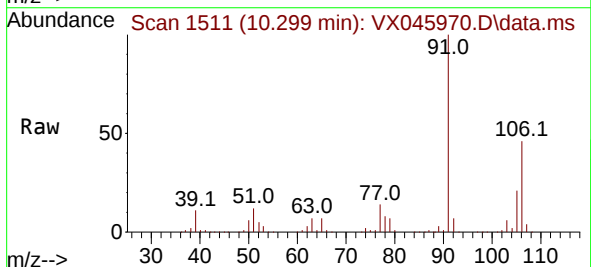
Manual Integrations
APPROVED

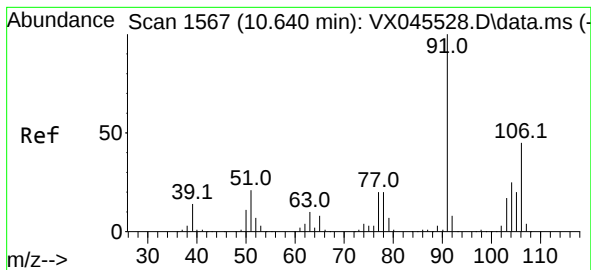
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#68
m/p-Xylenes
Concen: 111.080 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion:106 Resp: 192215
Ion Ratio Lower Upper
106 100
91 217.0 172.6 258.8





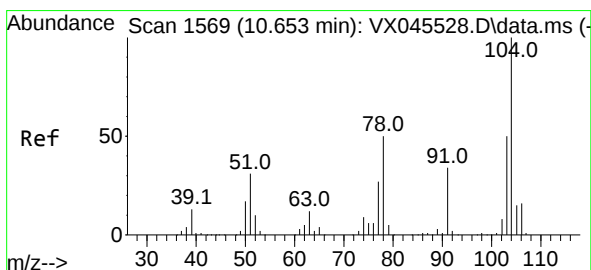
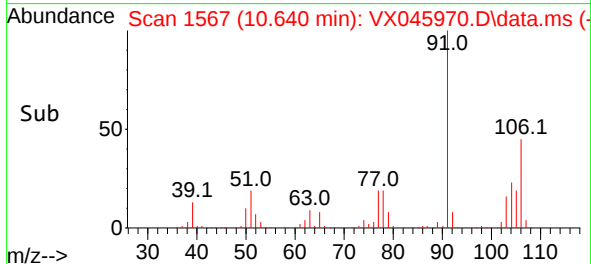
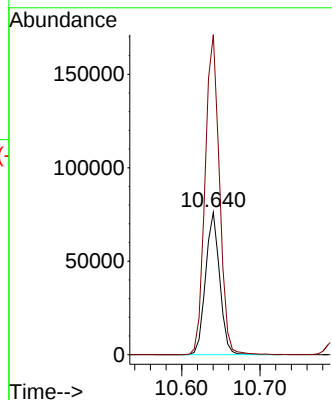
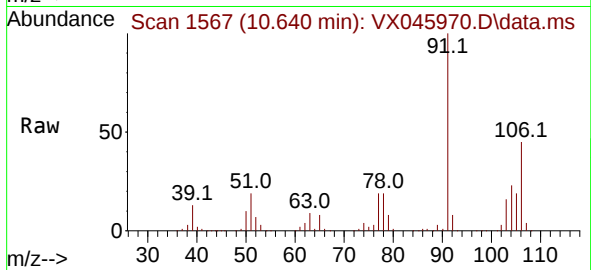
#69
o-Xylene
Concen: 55.788 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 95099
Ion Ratio Lower Upper
106 100
91 229.7 113.6 340.6

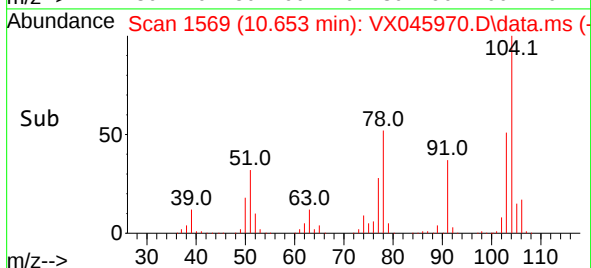
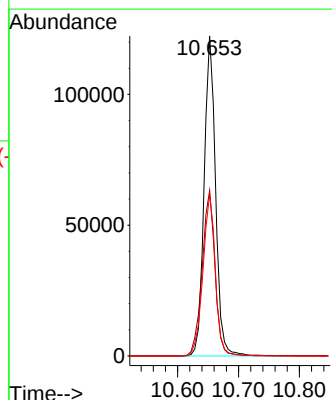
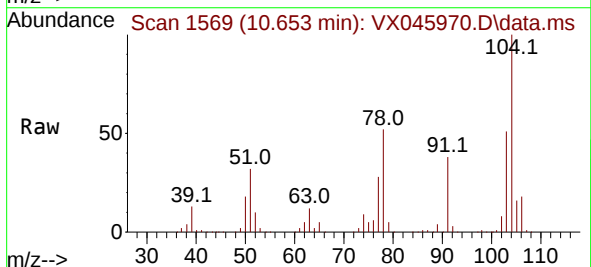
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#70
Styrene
Concen: 56.926 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion:104 Resp: 160161
Ion Ratio Lower Upper
104 100
78 58.0 45.4 68.2
103 54.9 43.8 65.8





#71

Bromoform

Concen: 55.817 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

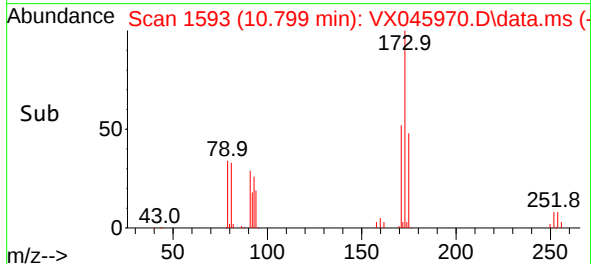
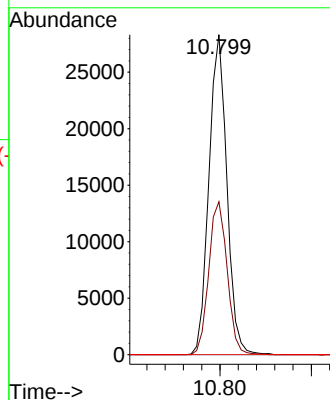
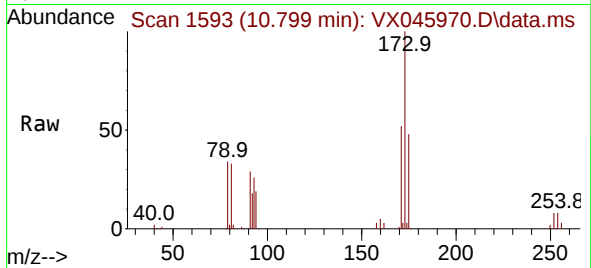
Tgt Ion:173	Resp:	3843
Ion Ratio	Lower	Upper
173	100	
175	49.2	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

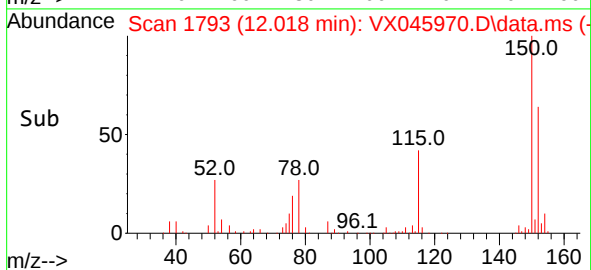
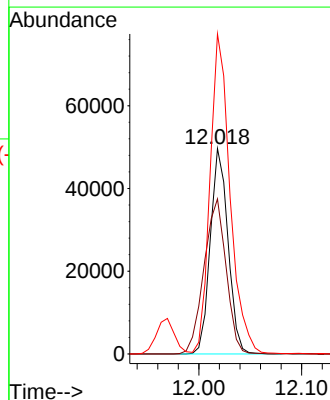
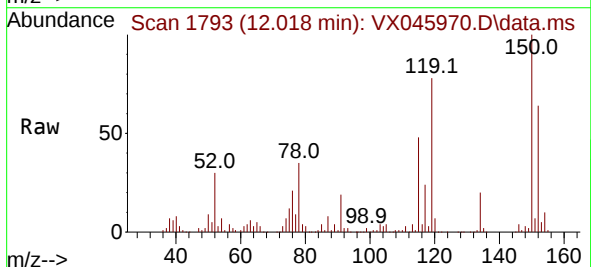
RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

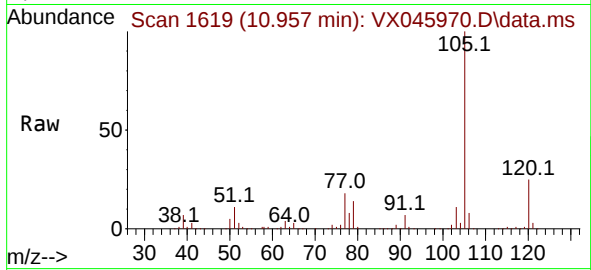
Tgt Ion:152	Resp:	59491
Ion Ratio	Lower	Upper
152	100	
115	94.2	46.9 140.7
150	175.3	0.0 349.4





#73
Isopropylbenzene
Concen: 53.745 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

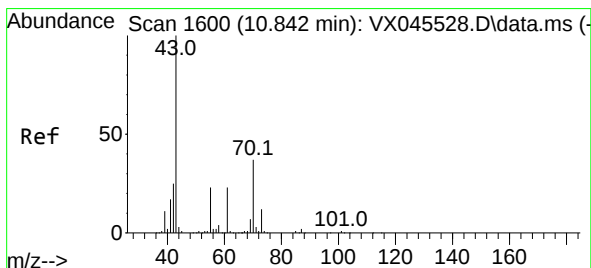
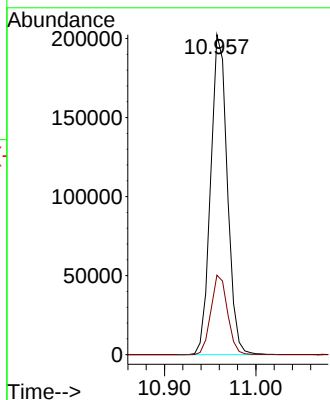
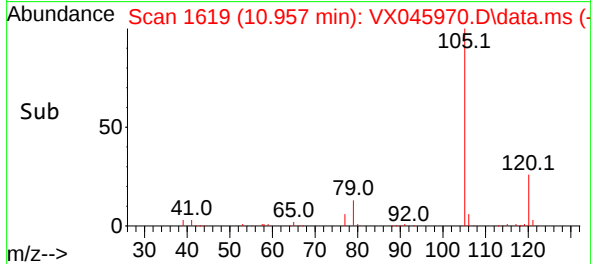
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



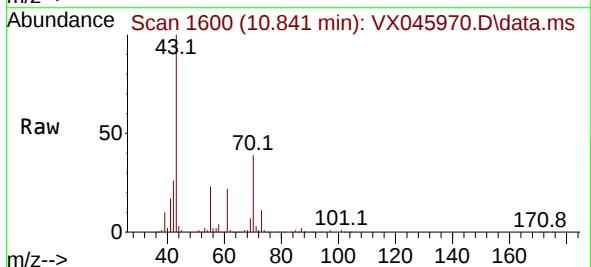
Tgt Ion:105 Resp: 25611
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0

Manual Integrations
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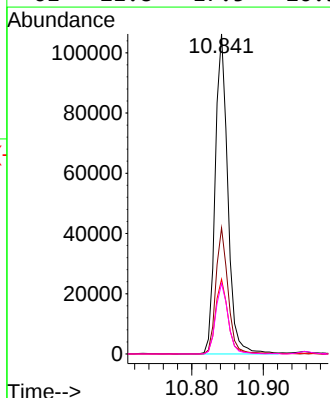
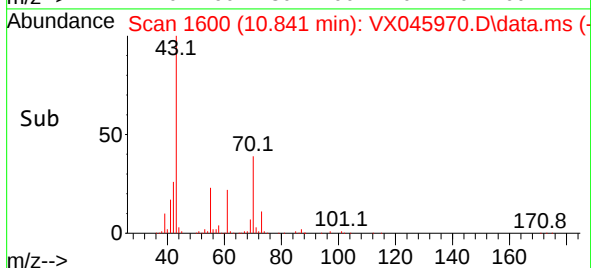
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

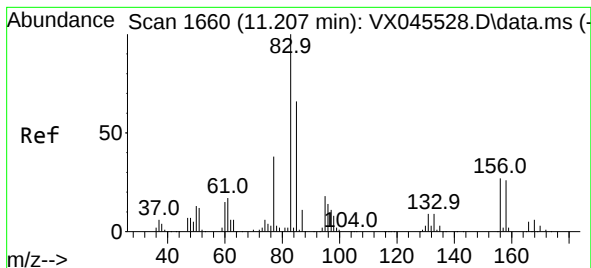


#74
N-ethyl acetate
Concen: 56.815 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



Tgt Ion: 43 Resp: 129508
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 23.3 18.3 27.5
61 21.8 17.5 26.3





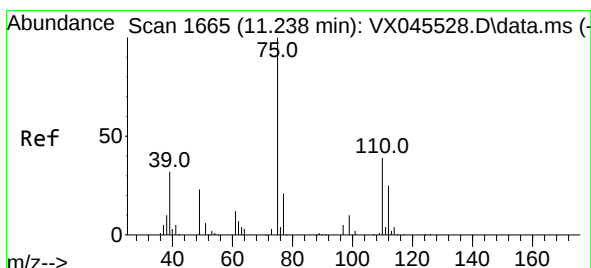
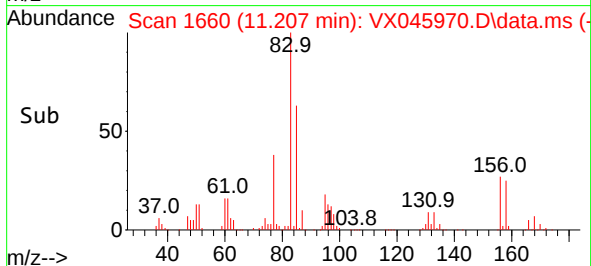
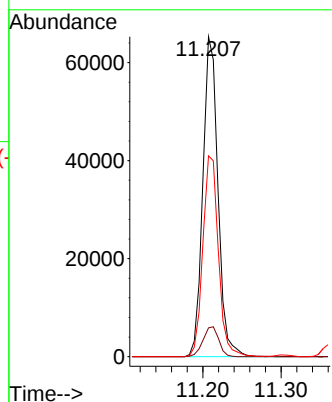
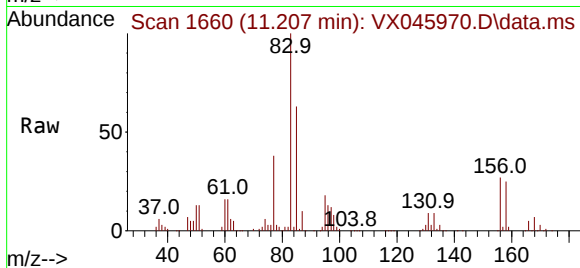
#75
1,1,2,2-Tetrachloroethane
Concen: 52.204 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 87388
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.6 32.4 97.2

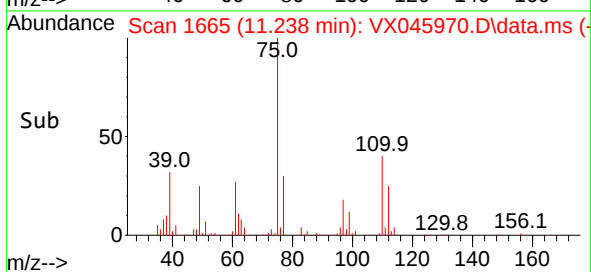
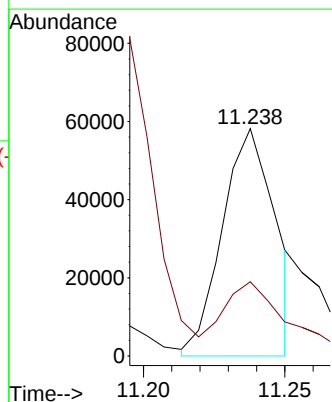
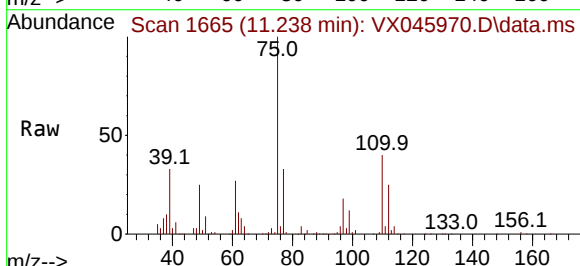
Manual Integrations
APPROVED

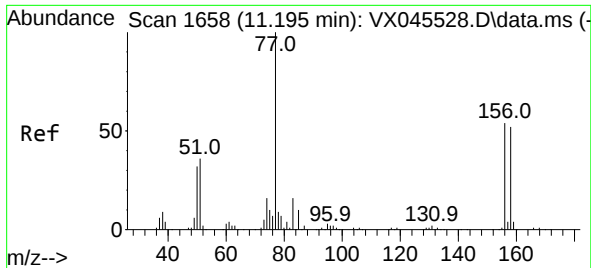
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#76
1,2,3-Trichloropropane
Concen: 52.102 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

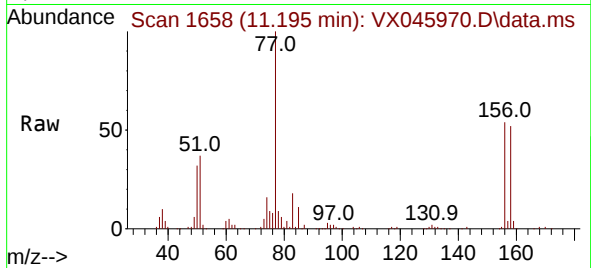
Tgt Ion: 75 Resp: 75606
Ion Ratio Lower Upper
75 100
77 40.2 20.0 59.9





#77
Bromobenzene
Concen: 51.985 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

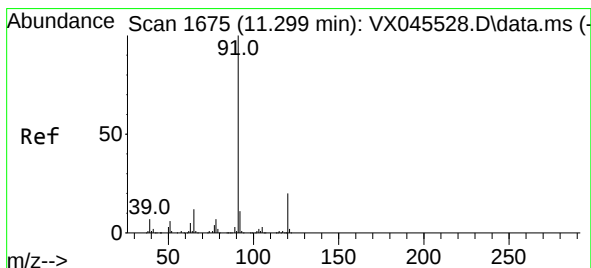
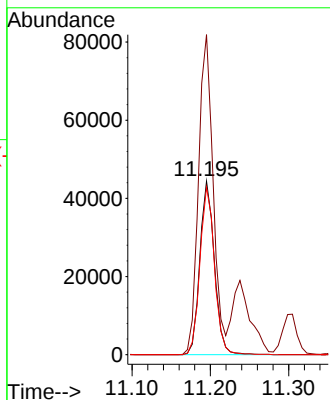
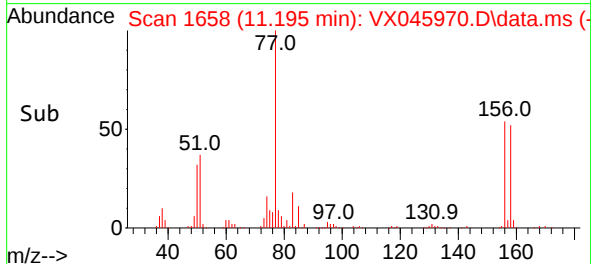
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 5723
Ion Ratio Lower Upper
156 100
77 186.1 92.6 277.8
158 96.9 48.1 144.4

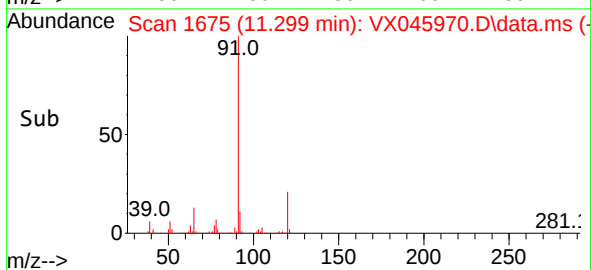
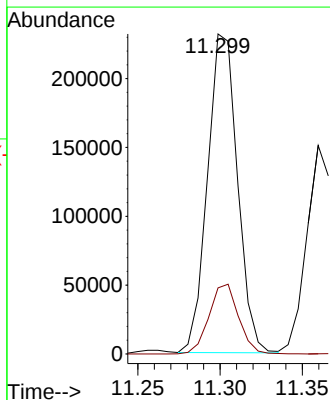
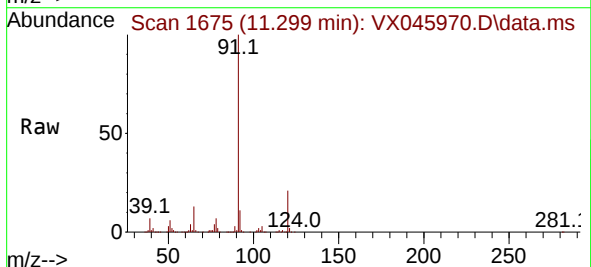
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#78
n-propylbenzene
Concen: 53.500 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Tgt Ion: 91 Resp: 293653
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





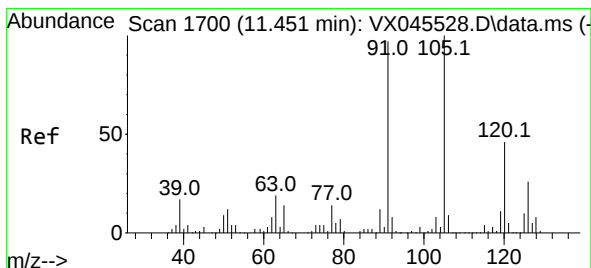
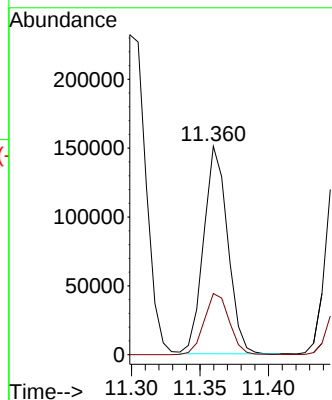
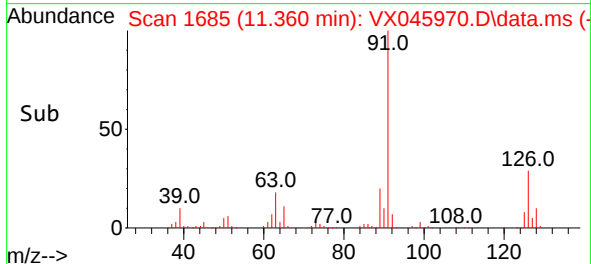
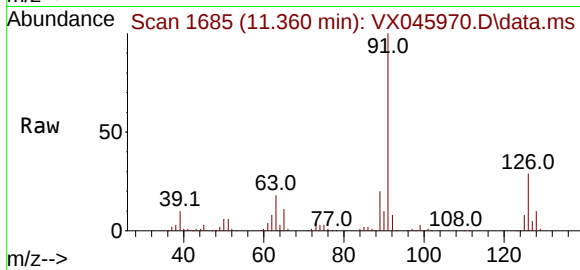
#79
2-Chlorotoluene
Concen: 52.453 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 184056
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4

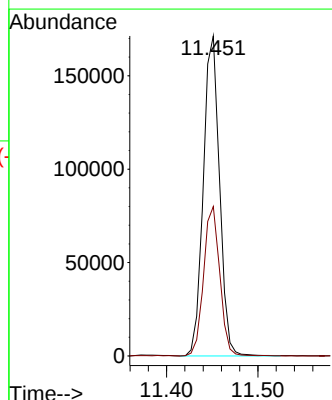
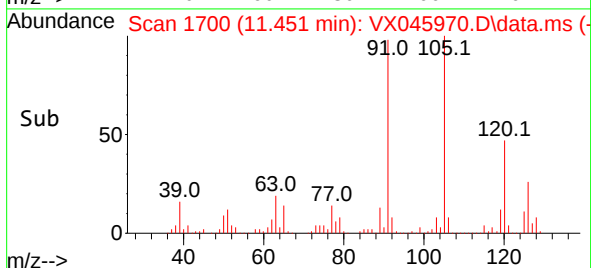
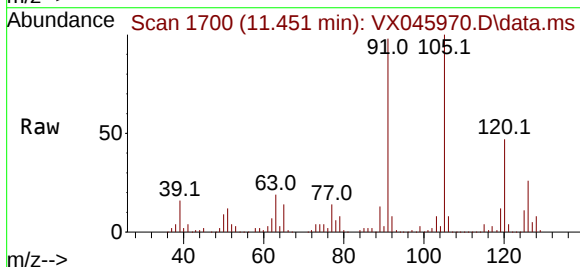
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.771 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

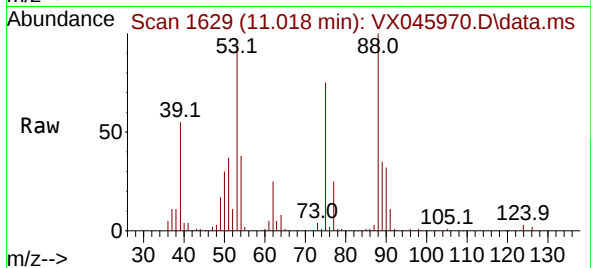
Tgt Ion:105 Resp: 211885
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.075 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

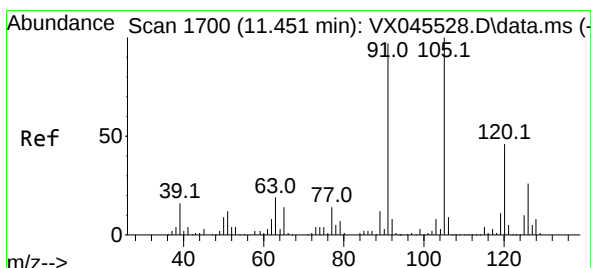
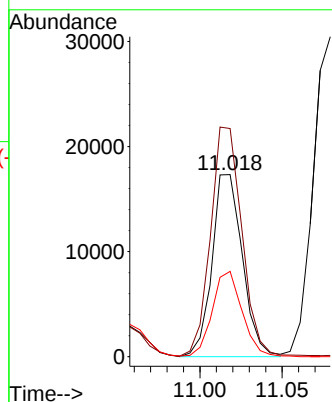
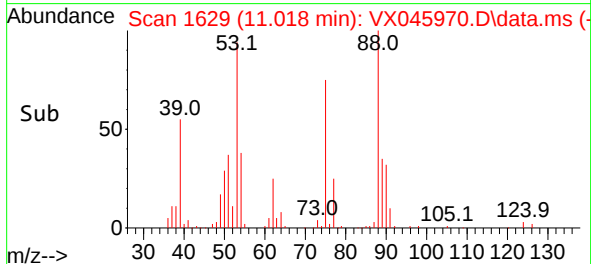
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



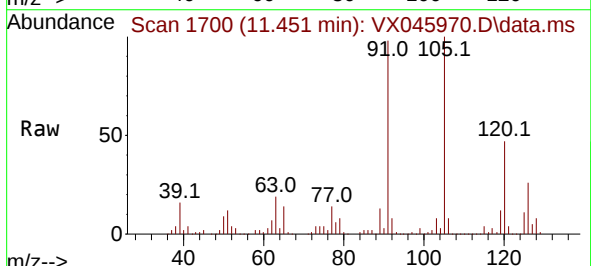
Tgt Ion: 75 Resp: 22260
Ion Ratio Lower Upper
75 100
53 131.1 101.8 152.6
89 46.1 37.2 55.8

Manual Integrations
APPROVED

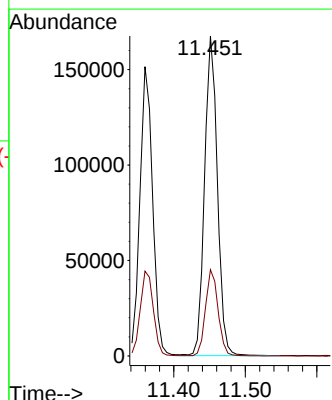
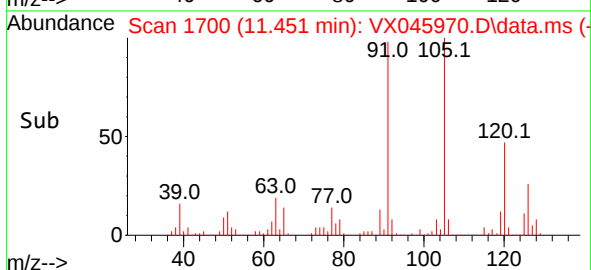
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

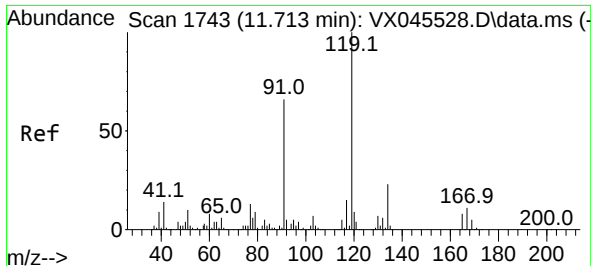


#82
4-Chlorotoluene
Concen: 53.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



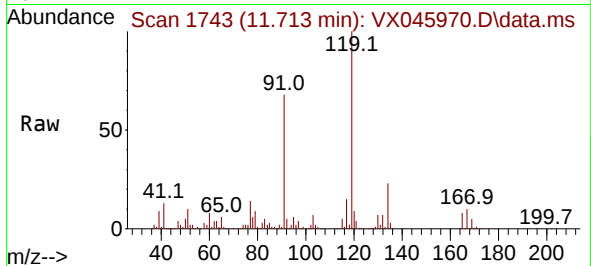
Tgt Ion: 91 Resp: 208471
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.9





#83
tert-Butylbenzene
Concen: 53.307 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

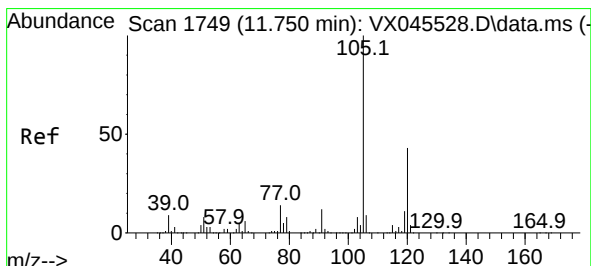
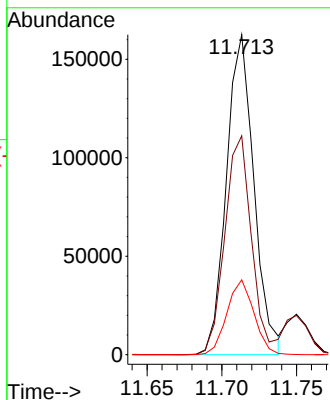
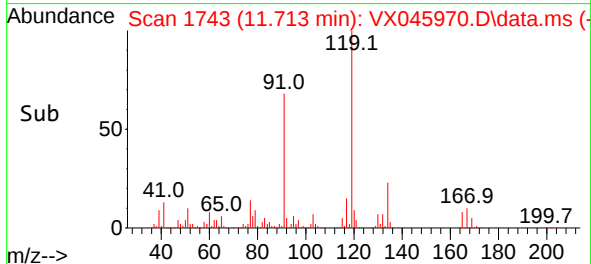
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



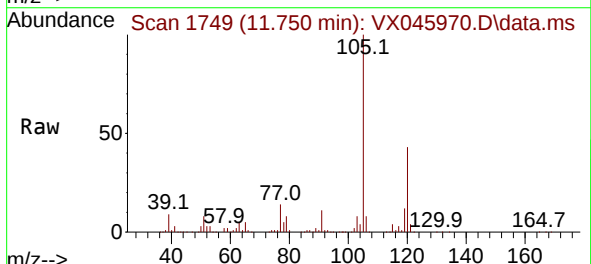
Tgt Ion:119 Resp: 207963
Ion Ratio Lower Upper
119 100
91 65.8 32.4 97.2
134 23.0 11.5 34.5

Manual Integrations
APPROVED

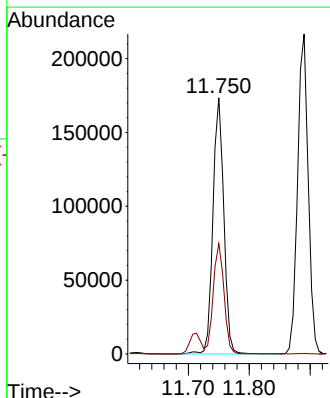
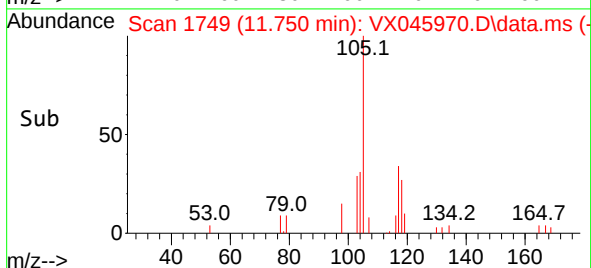
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

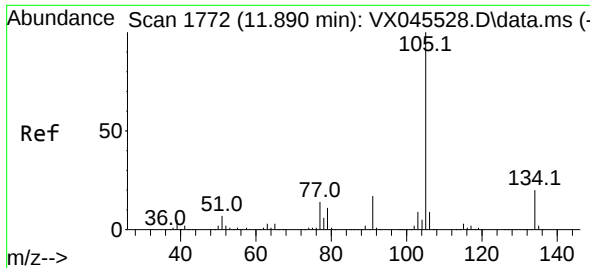


#84
1,2,4-Trimethylbenzene
Concen: 54.211 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



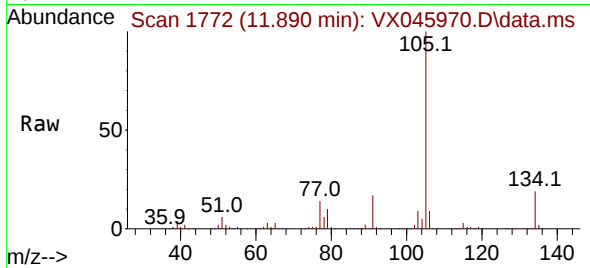
Tgt Ion:105 Resp: 214405
Ion Ratio Lower Upper
105 100
120 42.8 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 55.043 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28

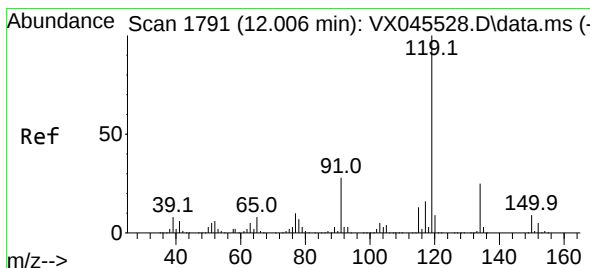
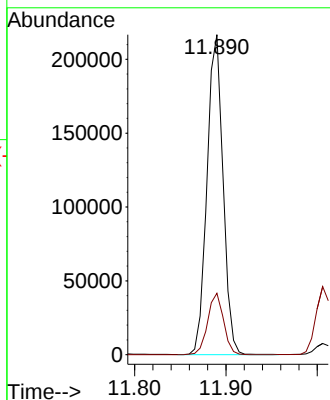
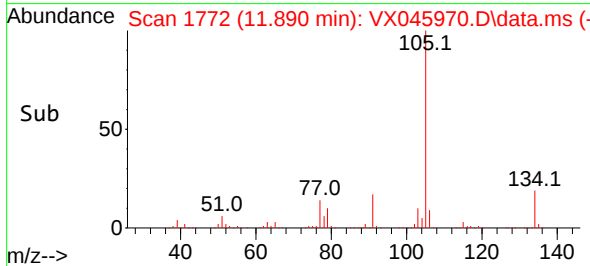
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



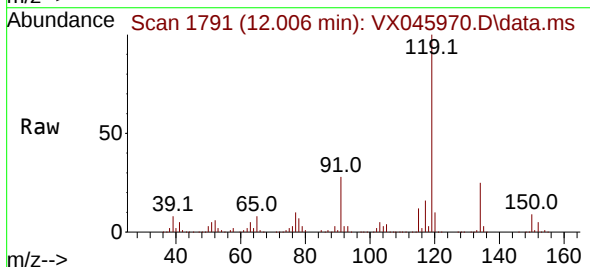
Tgt Ion:105 Resp: 263745
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

Manual Integrations
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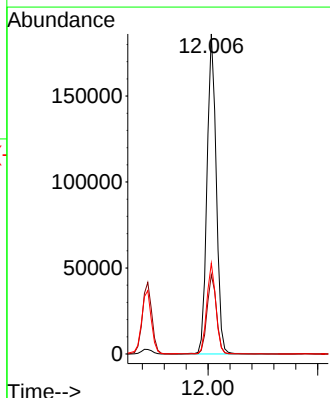
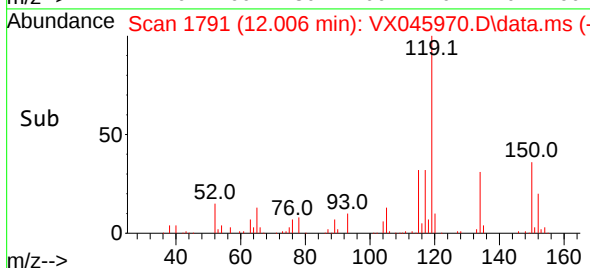
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#86
 p-Isopropyltoluene
 Concen: 54.701 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045970.D
 Acq: 28 Apr 2025 20:28



Tgt Ion:119 Resp: 216089
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 28.0 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 51.828 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045970.D

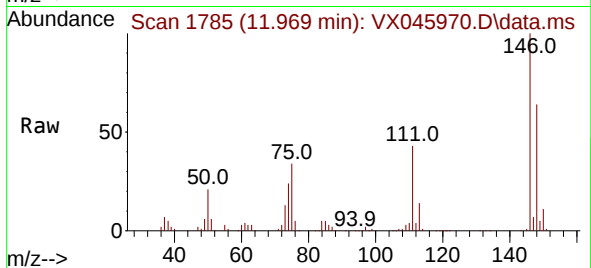
Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 103874

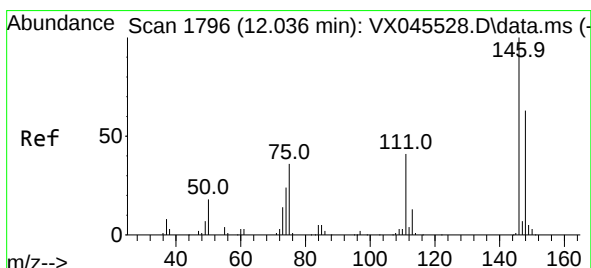
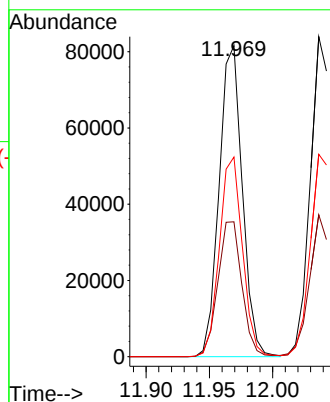
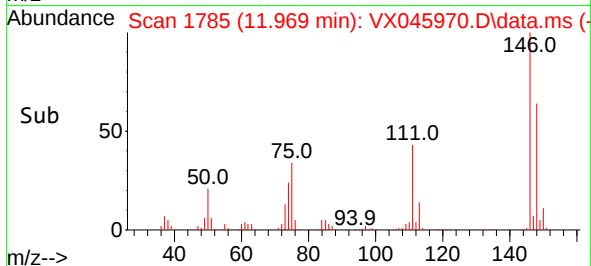
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	63.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#88

1,4-Dichlorobenzene

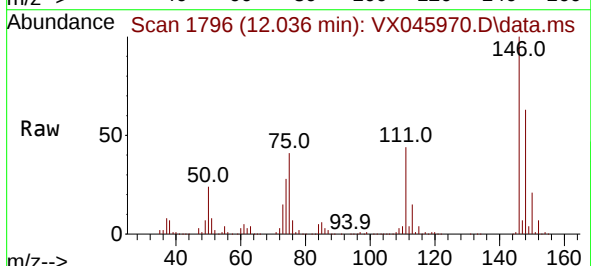
Concen: 51.179 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

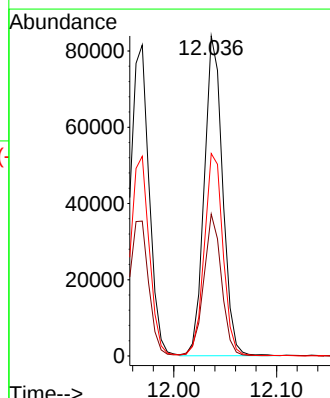
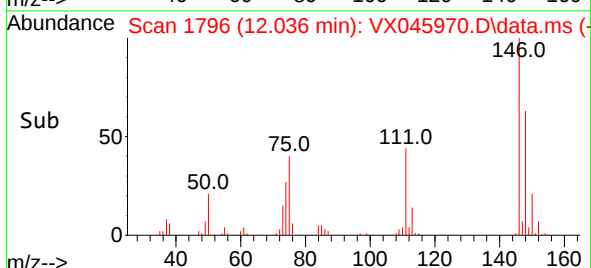
Lab File: VX045970.D

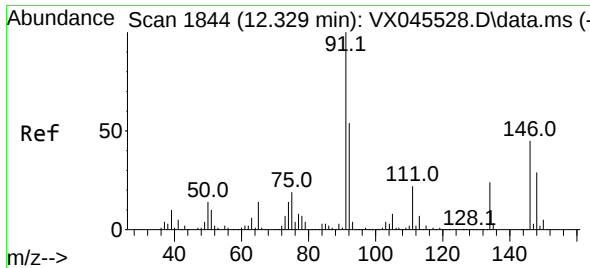
Acq: 28 Apr 2025 20:28



Tgt Ion:146 Resp: 103990

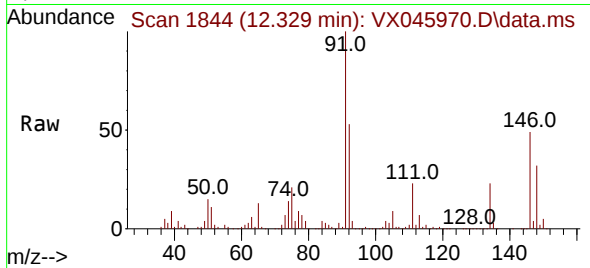
Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.9	62.8
148	64.1	31.5	94.5





#89
n-Butylbenzene
Concen: 55.240 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

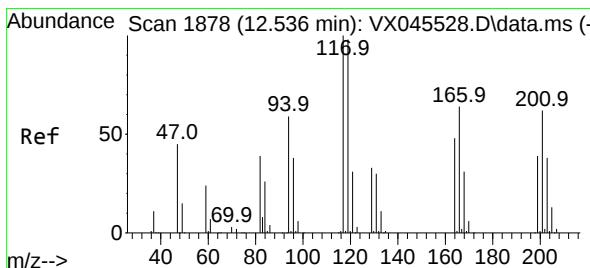
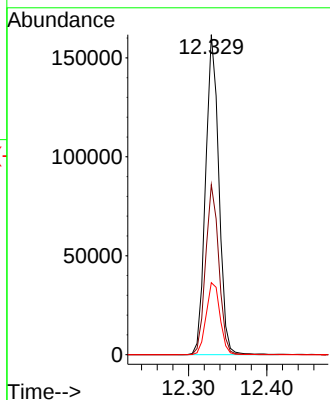
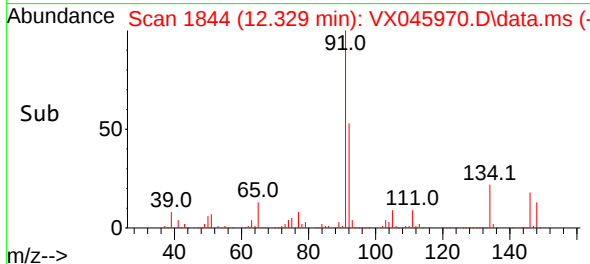
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 189230
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.6
134 23.6 11.9 35.7

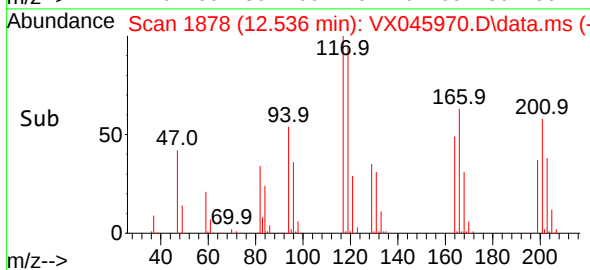
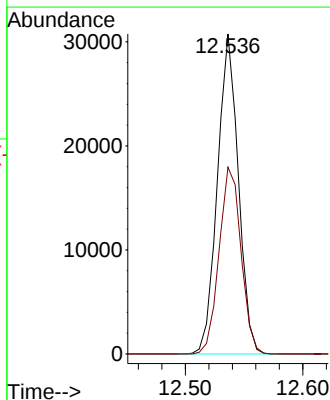
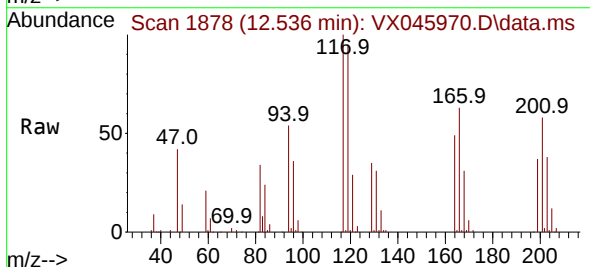
Manual Integrations
APPROVED

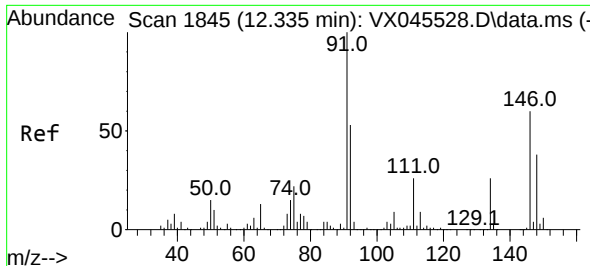
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#90
Hexachloroethane
Concen: 55.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

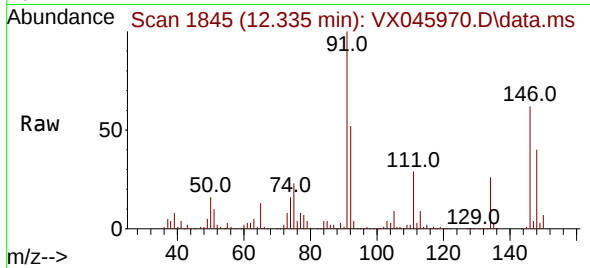
Tgt Ion:117 Resp: 37994
Ion Ratio Lower Upper
117 100
201 61.2 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 53.553 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

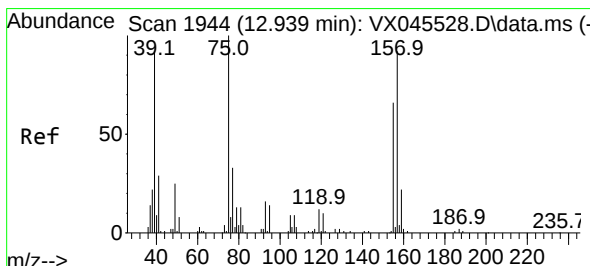
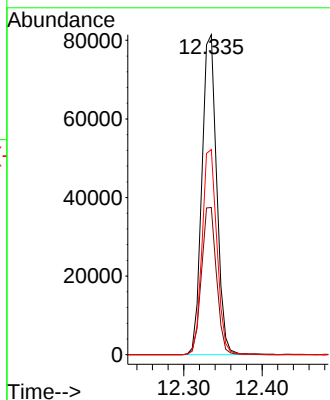
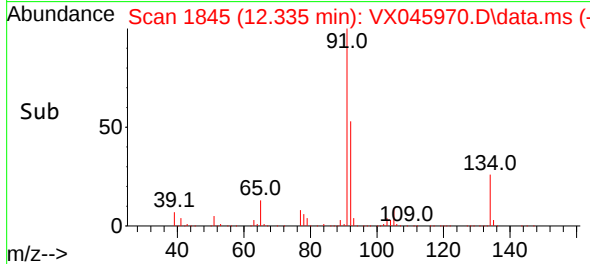
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



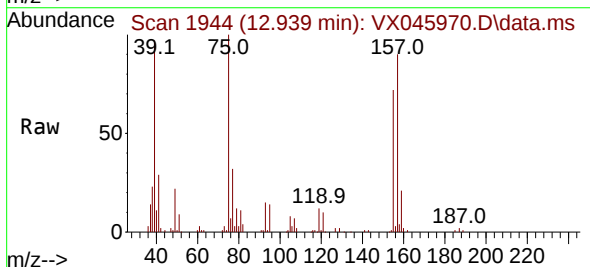
Tgt Ion:146 Resp: 106710
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 64.1 31.9 95.5

Manual Integrations
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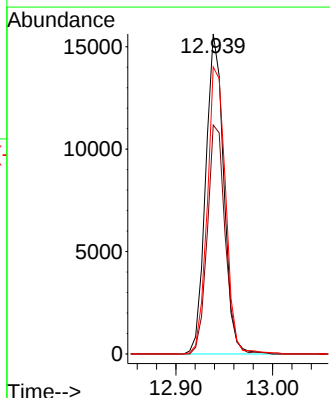
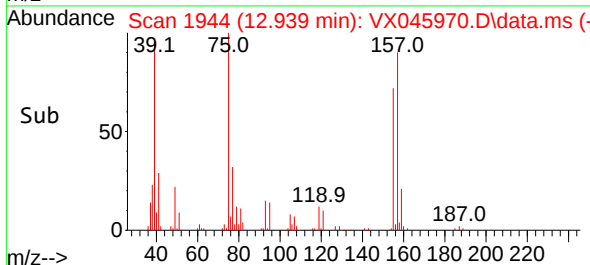
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

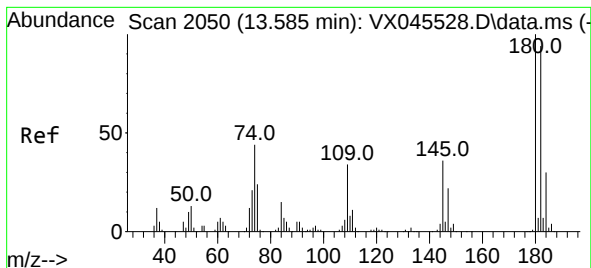


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.965 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



Tgt Ion: 75 Resp: 20293
Ion Ratio Lower Upper
75 100
155 70.8 34.9 104.7
157 91.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.245 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

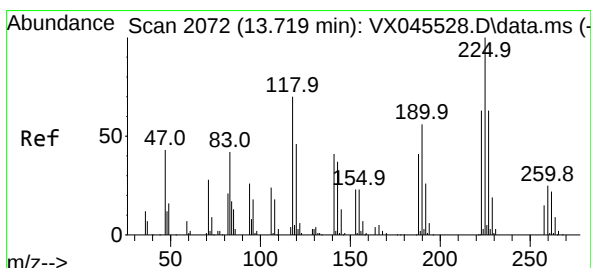
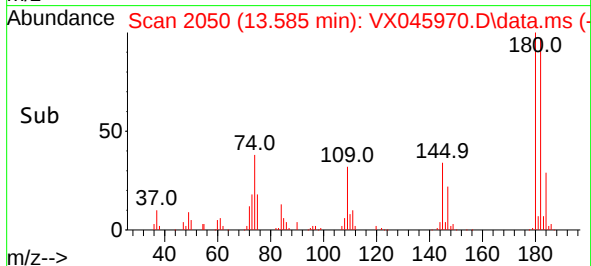
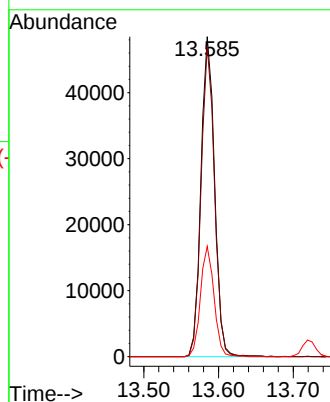
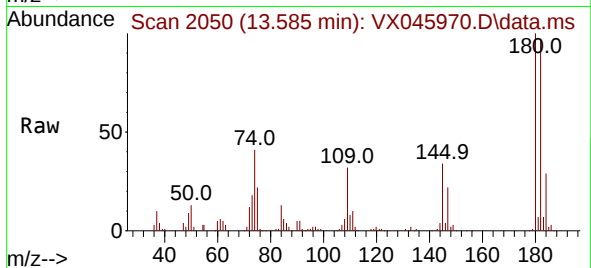
Tgt Ion:180	Resp:	6127
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.9 143.6
145	34.2	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#94

Hexachlorobutadiene

Concen: 51.725 ug/l

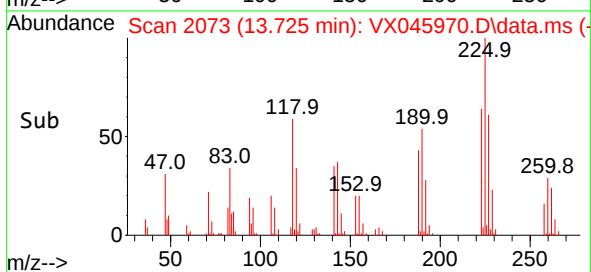
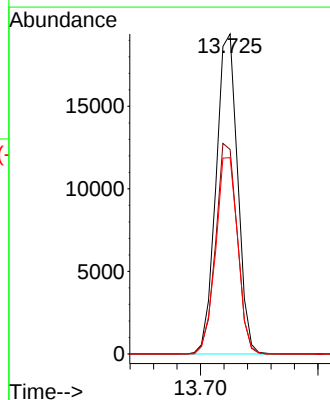
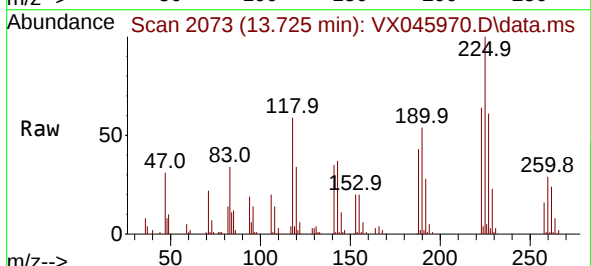
RT: 13.725 min Scan# 2073

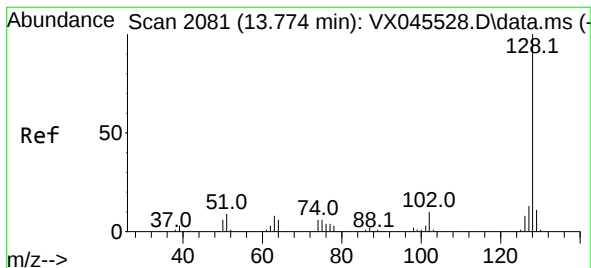
Delta R.T. 0.006 min

Lab File: VX045970.D

Acq: 28 Apr 2025 20:28

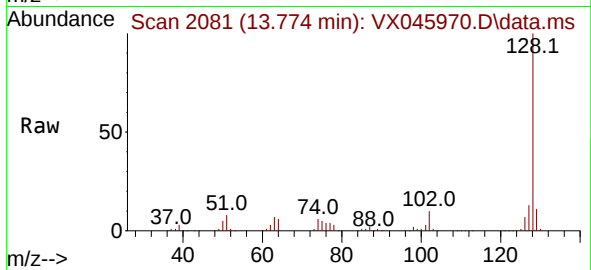
Tgt Ion:225	Resp:	24722
Ion Ratio	Lower	Upper
225	100	
223	65.7	31.1 93.3
227	63.0	32.2 96.6





#95
Naphthalene
Concen: 55.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28

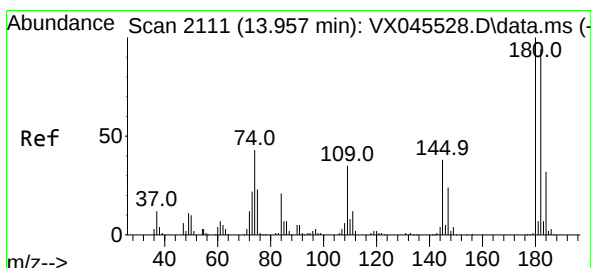
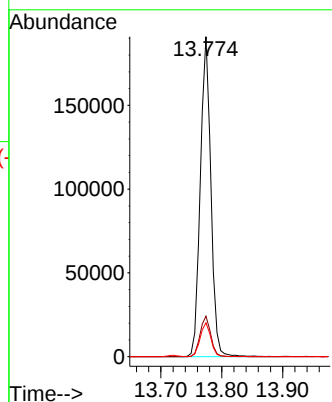
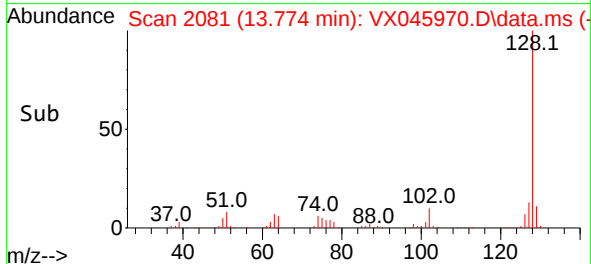
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



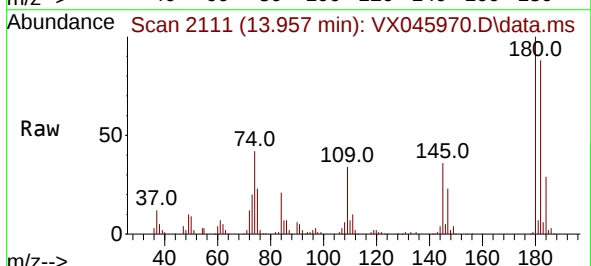
Tgt Ion:128 Resp: 230064
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.516 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045970.D
Acq: 28 Apr 2025 20:28



Tgt Ion:180 Resp: 63316
Ion Ratio Lower Upper
180 100
182 91.8 47.3 141.8
145 36.0 18.2 54.6

