

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048443.D
 Acq On : 31 Oct 2025 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 23:10:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	148417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86860	40.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.380%		
35) Dibromofluoromethane	5.373	113	60644	42.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.860%		
50) Toluene-d8	8.635	98	292540	46.366	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.740%		
62) 4-Bromofluorobenzene	11.061	95	107272	45.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	85062	56.186	ug/l	95
3) Chloromethane	1.301	50	41932	49.092	ug/l	97
4) Vinyl Chloride	1.380	62	100268	50.818	ug/l	98
5) Bromomethane	1.618	94	27528	38.622	ug/l	97
6) Chloroethane	1.697	64	44318	37.769	ug/l	96
7) Trichlorofluoromethane	1.898	101	130801	43.260	ug/l	100
8) Diethyl Ether	2.136	74	43680	39.971	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	87232	51.290	ug/l	95
10) Methyl Iodide	2.459	142	334209	48.869	ug/l	97
11) Tert butyl alcohol	2.941	59	41678	254.865	ug/l	99
12) 1,1-Dichloroethene	2.325	96	86478	50.059	ug/l	91
13) Acrolein	2.233	56	69308	203.047	ug/l	99
14) Allyl chloride	2.666	41	148519	50.767	ug/l	96
15) Acrylonitrile	3.056	53	206547	277.642	ug/l	98
16) Acetone	2.374	43	151314	312.784	ug/l	97
17) Carbon Disulfide	2.520	76	268934	54.294	ug/l	99
18) Methyl Acetate	2.697	43	82423	50.942	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	288246	52.105	ug/l	99
20) Methylene Chloride	2.788	84	96781	51.899	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	97670	53.229	ug/l	97
22) Diisopropyl ether	3.751	45	315269	52.650	ug/l	93
23) Vinyl Acetate	3.715	43	1066062	261.533	ug/l	97
24) 1,1-Dichloroethane	3.605	63	177783	52.315	ug/l	99
25) 2-Butanone	4.538	43	198413	256.739	ug/l	96
26) 2,2-Dichloropropane	4.471	77	119725	40.918	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	104812	47.861	ug/l	94
28) Bromochloromethane	4.885	49	64739	42.035	ug/l	87
29) Tetrahydrofuran	4.983	42	130972	237.973	ug/l	96
30) Chloroform	5.080	83	161910	46.316	ug/l	99
31) Cyclohexane	5.465	56	141624	48.011	ug/l	87
32) 1,1,1-Trichloroethane	5.373	97	144264	46.746	ug/l	98
36) 1,1-Dichloropropene	5.684	75	115040	47.928	ug/l	98
37) Ethyl Acetate	4.696	43	99653	48.731	ug/l	99
38) Carbon Tetrachloride	5.666	117	128029	46.198	ug/l	98
39) Methylcyclohexane	7.367	83	160279	51.927	ug/l	93
40) Benzene	6.025	78	356293	48.589	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	48461	47.048	ug/l	96
42) 1,2-Dichloroethane	6.074	62	115347	44.660	ug/l	97
43) Isopropyl Acetate	6.318	43	156916	46.477	ug/l	94
44) Trichloroethene	7.111	130	92719	48.262	ug/l	99
45) 1,2-Dichloropropane	7.415	63	90868	49.619	ug/l	100
46) Dibromomethane	7.568	93	58485	45.620	ug/l	93
47) Bromodichloromethane	7.806	83	128027	47.002	ug/l	100
48) Methyl methacrylate	7.678	41	74008	44.950	ug/l	91
49) 1,4-Dioxane	7.647	88	17643	942.773	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	499517	265.846	ug/l	97
52) Toluene	8.702	92	239946	52.368	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	125235	50.725	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	132136	49.675	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	87006	52.473	ug/l	97
56) Ethyl methacrylate	9.098	69	129000	53.131	ug/l	95
57) 1,3-Dichloropropane	9.293	76	147196	51.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	370427	255.928	ug/l	98
59) 2-Hexanone	9.415	43	339600	277.767	ug/l	97
60) Dibromochloromethane	9.507	129	107397	52.371	ug/l	99
61) 1,2-Dibromoethane	9.592	107	88862	51.804	ug/l	99
64) Tetrachloroethene	9.257	164	91634	49.752	ug/l	98
65) Chlorobenzene	10.061	112	260167	49.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	91089	50.824	ug/l	99
67) Ethyl Benzene	10.177	91	451326	50.874	ug/l	97
68) m/p-Xylenes	10.287	106	345926	102.984	ug/l	97
69) o-Xylene	10.622	106	166552	51.887	ug/l	95
70) Styrene	10.640	104	283470	52.131	ug/l	99
71) Bromoform	10.781	173	65315	50.378	ug/l #	97
73) Isopropylbenzene	10.945	105	433058	52.059	ug/l	99
74) N-amyl acetate	10.823	43	154711	52.134	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	108088	51.298	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	84742m	52.393	ug/l	
77) Bromobenzene	11.177	156	102010	49.643	ug/l	98
78) n-propylbenzene	11.287	91	508243	51.694	ug/l	98
79) 2-Chlorotoluene	11.348	91	298669	50.596	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	356034	52.212	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	22105	47.295	ug/l	98
82) 4-Chlorotoluene	11.433	91	349118	50.309	ug/l	97
83) tert-Butylbenzene	11.695	119	360726	51.962	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	357690	52.977	ug/l	98
85) sec-Butylbenzene	11.872	105	449802	52.000	ug/l	100
86) p-Isopropyltoluene	11.988	119	380427	52.023	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	189574	48.307	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	192483	48.157	ug/l	100
89) n-Butylbenzene	12.311	91	343338	50.006	ug/l	99
90) Hexachloroethane	12.518	117	66189	51.510	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	181968	50.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	20482	49.641	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	122725	48.906	ug/l	100
94) Hexachlorobutadiene	13.707	225	50648	48.116	ug/l	98
95) Naphthalene	13.756	128	330328	52.121	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	113073	49.607	ug/l	96

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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

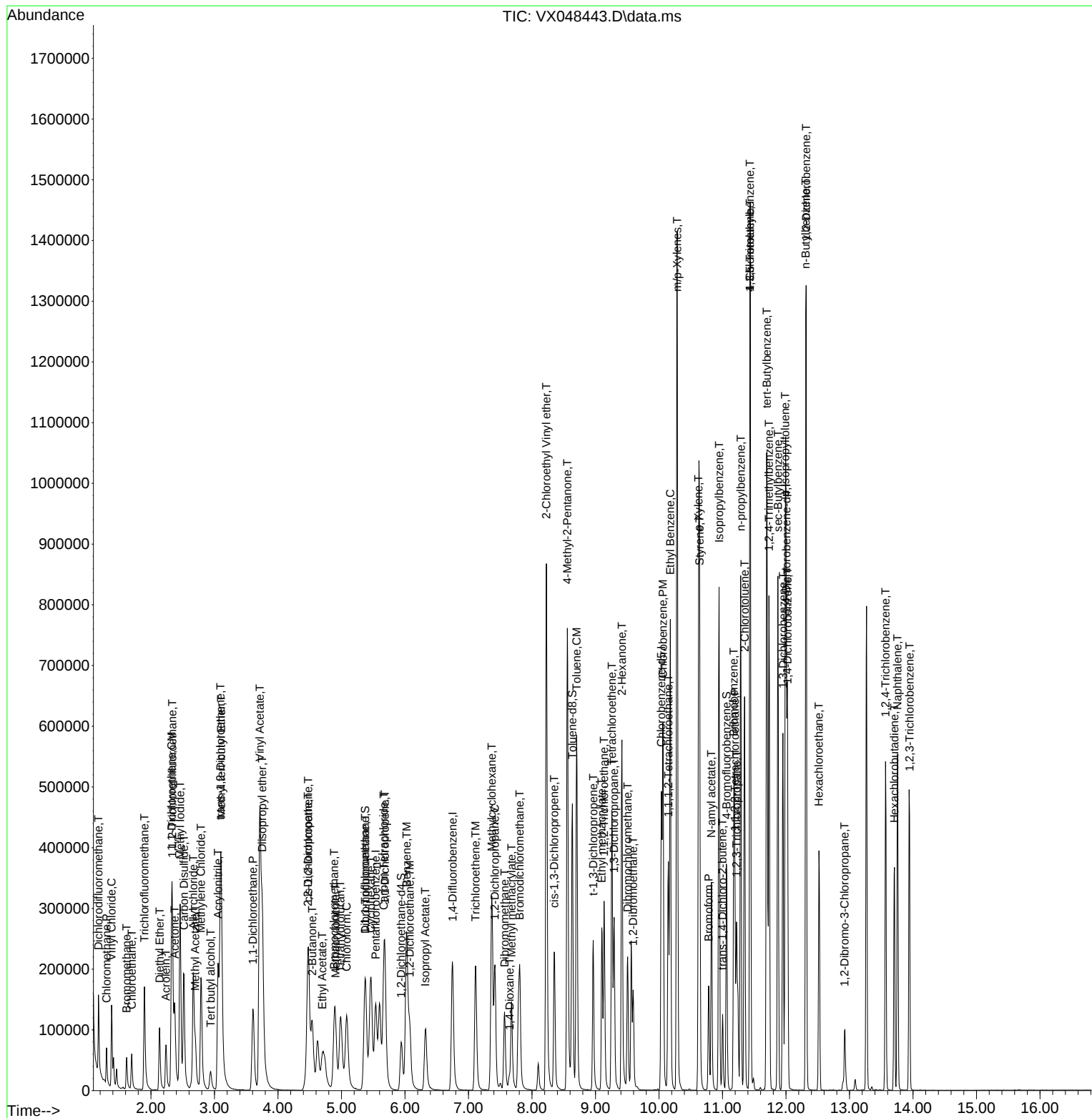
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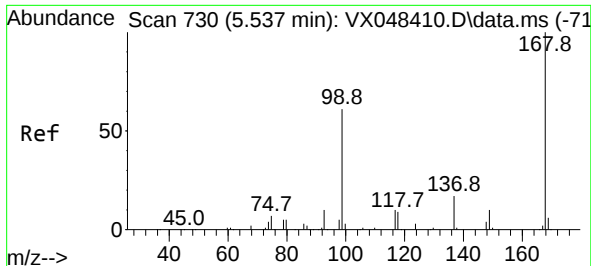
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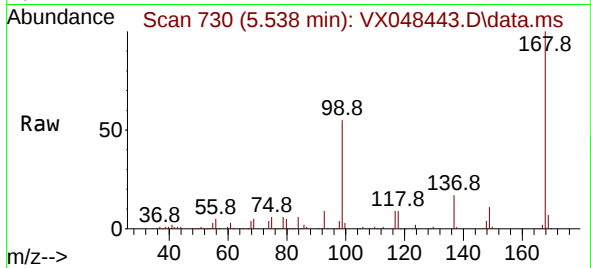
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048443.D
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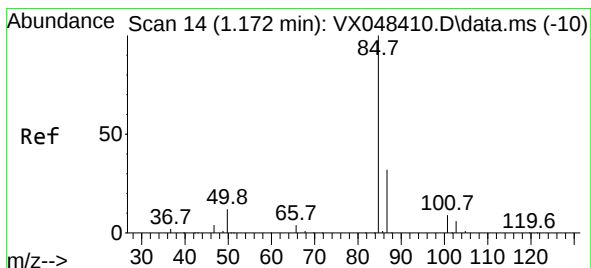
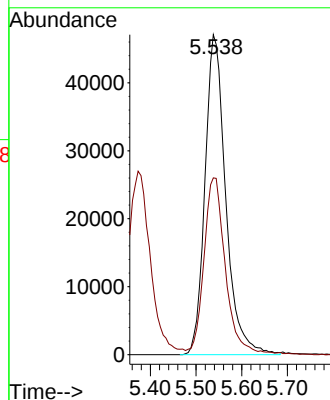
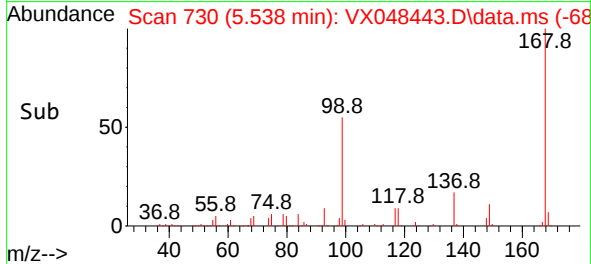
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 14841
Ion Ratio Lower Upper
168 100
99 54.6 46.4 69.6

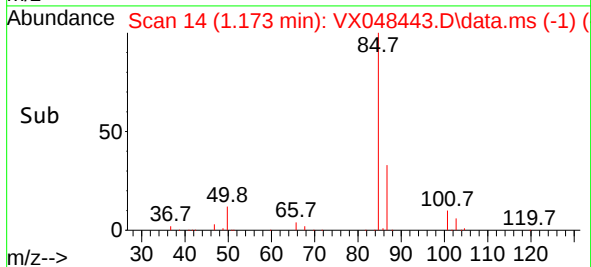
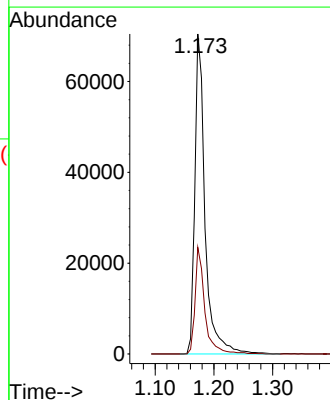
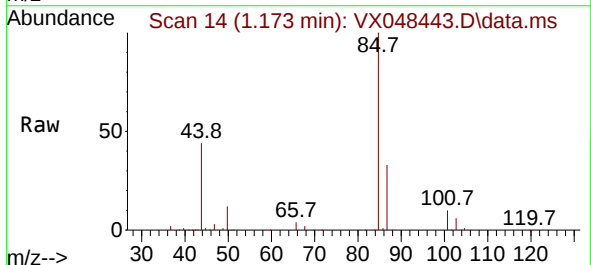
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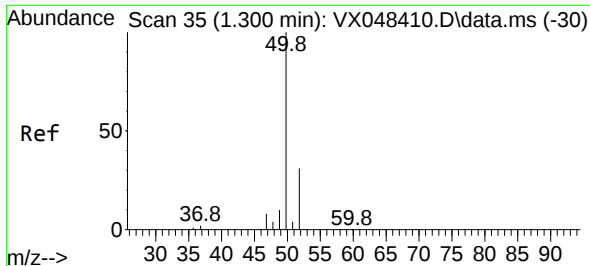
Reviewed By :Amit Patel 11/03/2025
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#2
Dichlorodifluoromethane
Concen: 56.186 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

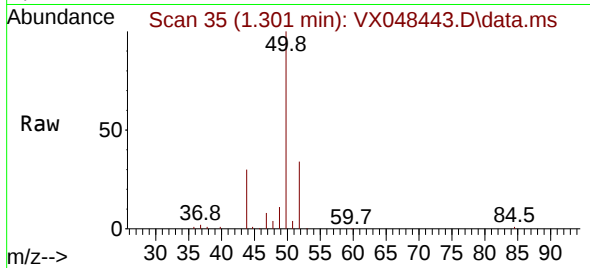
Tgt Ion: 85 Resp: 85062
Ion Ratio Lower Upper
85 100
87 33.3 15.3 45.9





#3
Chloromethane
Concen: 49.092 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

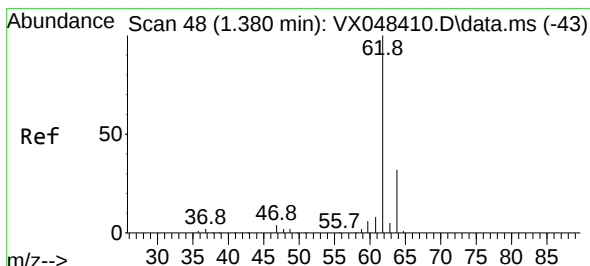
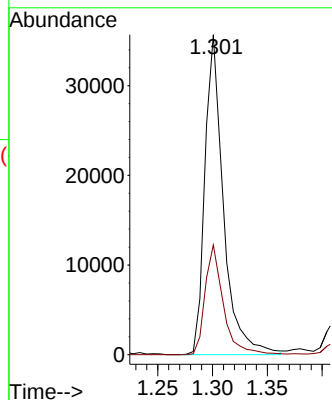
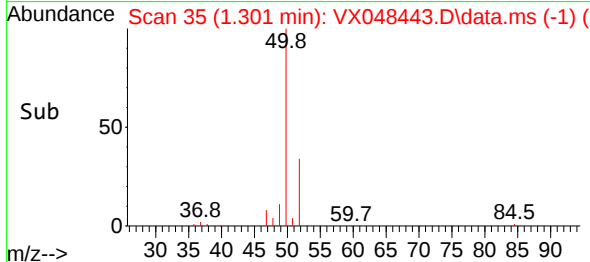
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Tgt Ion: 50 Resp: 41932
Ion Ratio Lower Upper
50 100
52 34.3 25.9 38.9

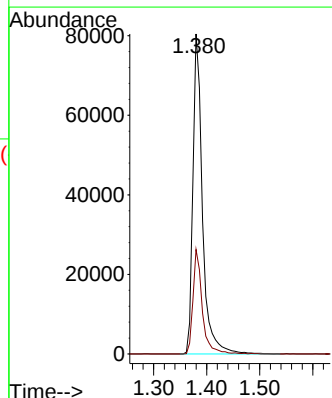
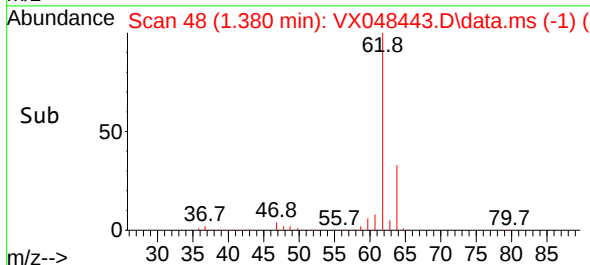
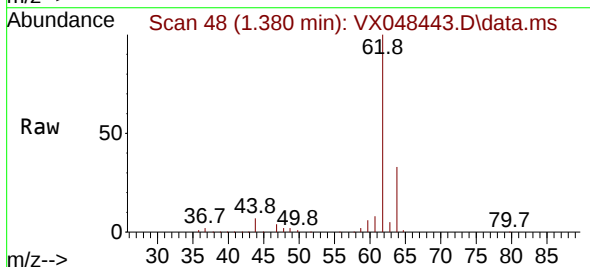
Manual Integrations
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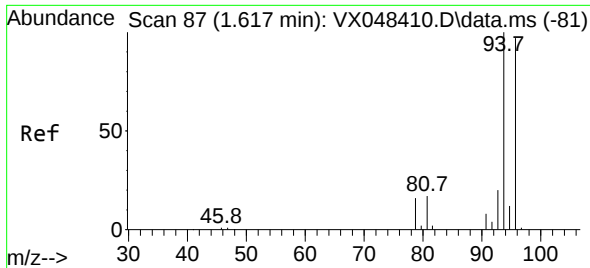
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#4
Vinyl Chloride
Concen: 50.818 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

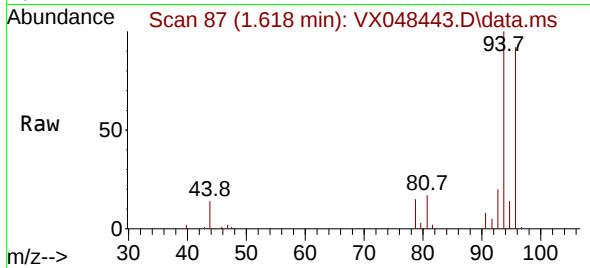
Tgt Ion: 62 Resp: 100268
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7





#5
Bromomethane
Concen: 38.622 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048443.D
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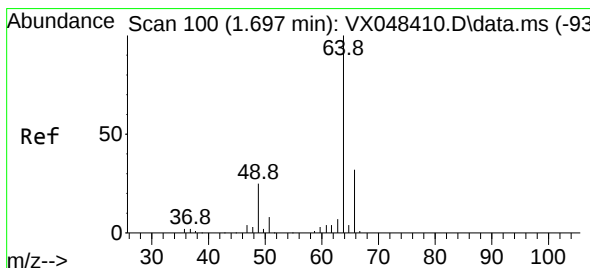
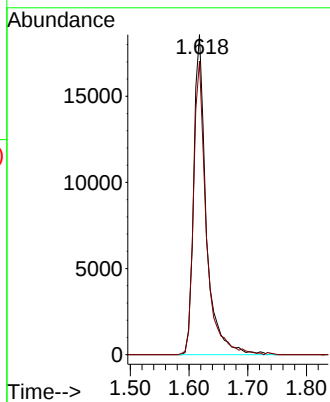
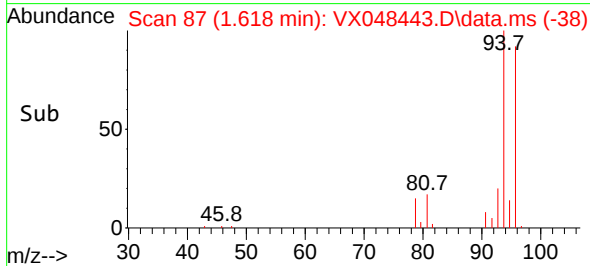
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Tgt Ion: 94 Resp: 27528
Ion Ratio Lower Upper
94 100
96 91.7 76.0 114.0

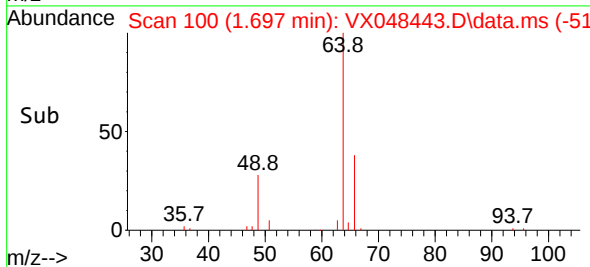
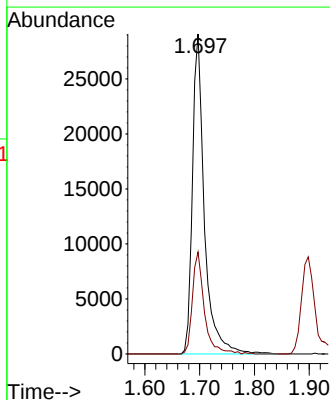
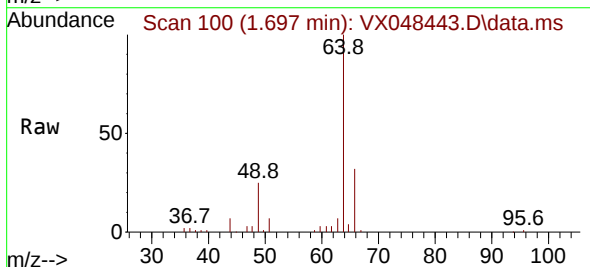
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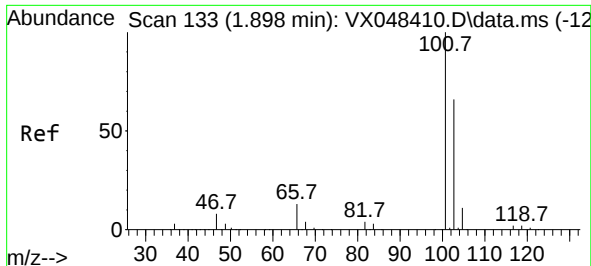
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#6
Chloroethane
Concen: 37.769 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048443.D
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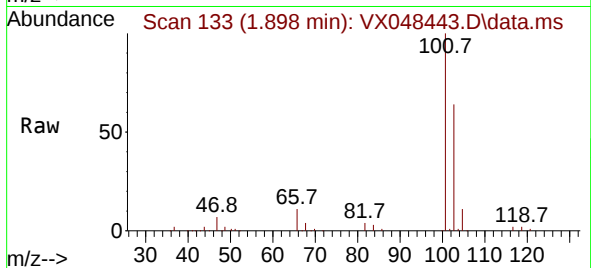
Tgt Ion: 64 Resp: 44318
Ion Ratio Lower Upper
64 100
66 31.8 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 43.260 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

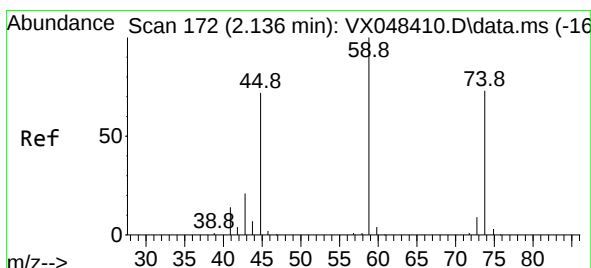
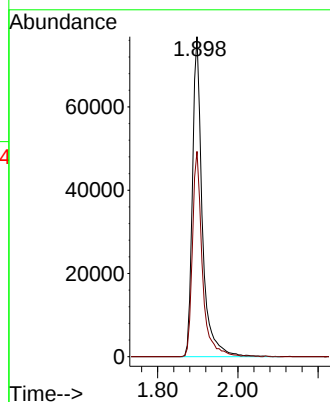
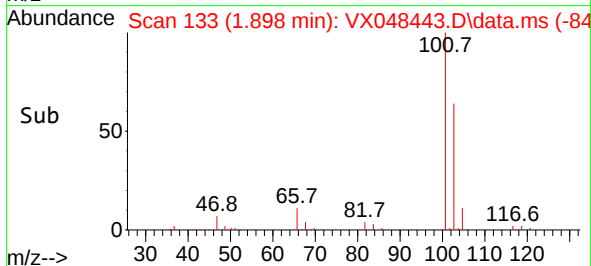
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Tgt Ion:101 Resp: 13080
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.6 77.4

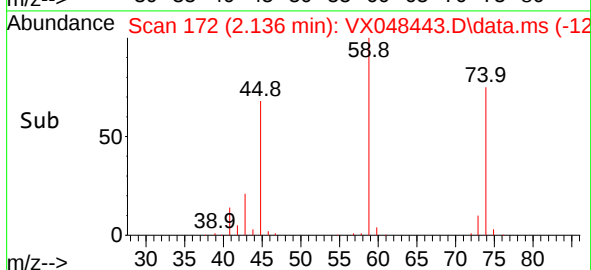
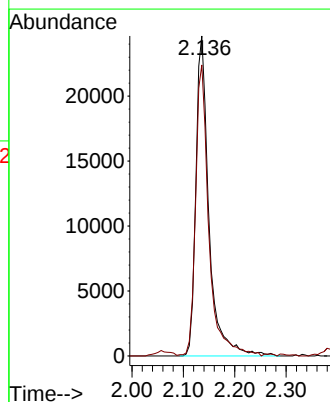
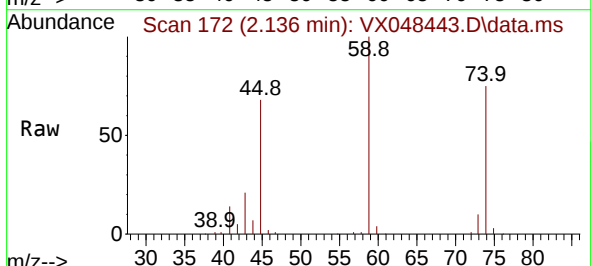
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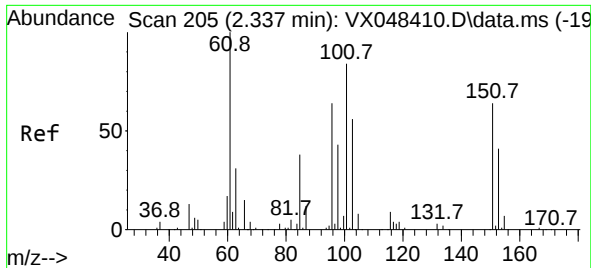
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#8
 Diethyl Ether
 Concen: 39.971 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

Tgt Ion: 74 Resp: 43680
 Ion Ratio Lower Upper
 74 100
 45 92.1 50.0 149.8





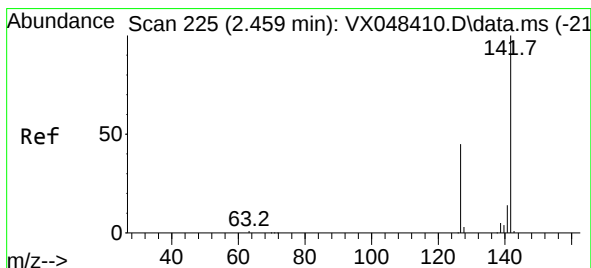
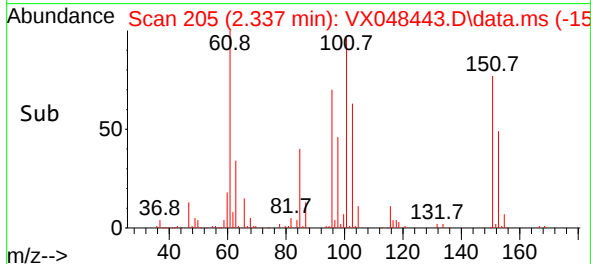
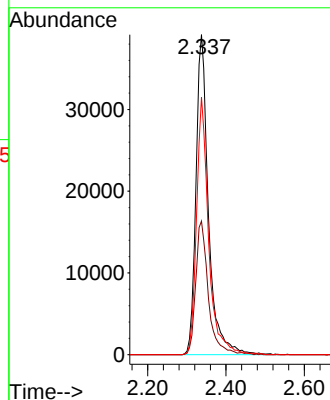
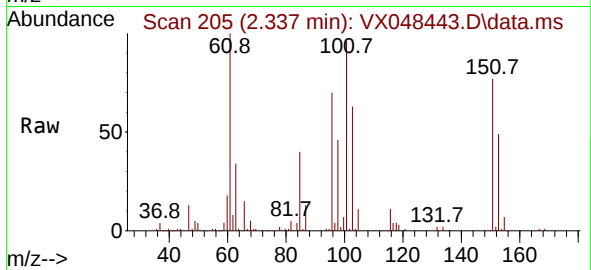
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.290 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8723
Ion Ratio Lower Upper
101 100
85 42.3 35.6 53.4
151 77.7 58.0 87.0

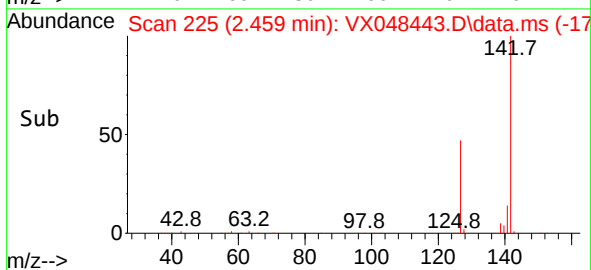
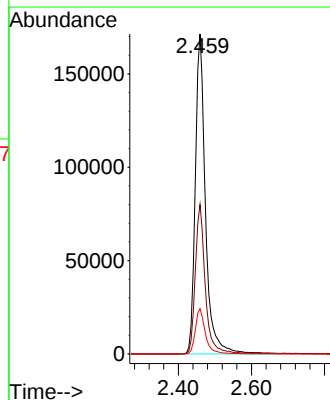
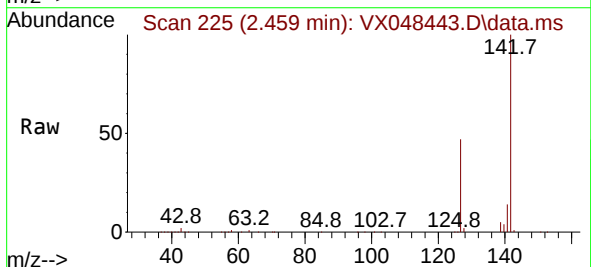
Manual Integrations
APPROVED

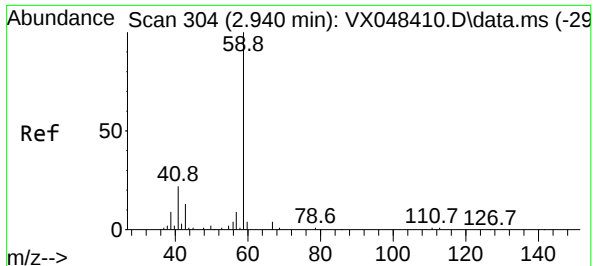
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#10
Methyl Iodide
Concen: 48.869 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

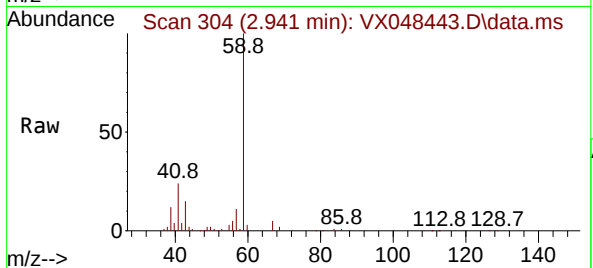
Tgt Ion:142 Resp: 334209
Ion Ratio Lower Upper
142 100
127 45.9 38.5 57.7
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 254.865 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

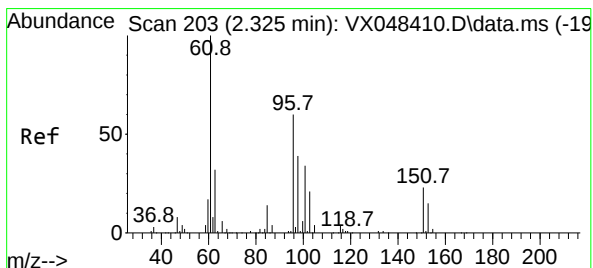
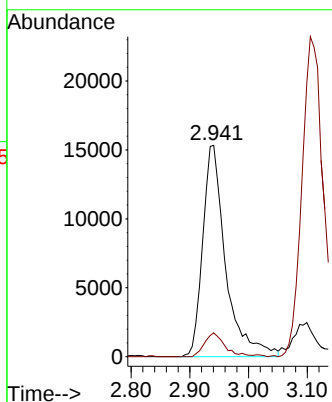
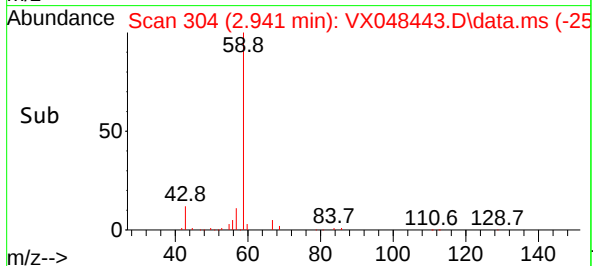
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



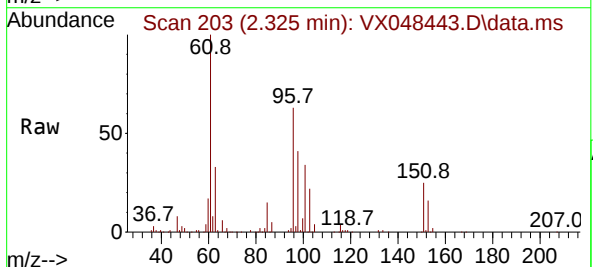
Tgt Ion: 59 Resp: 41678
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
APPROVED

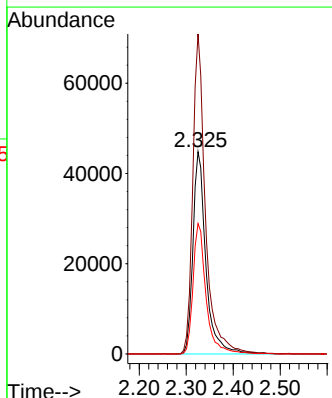
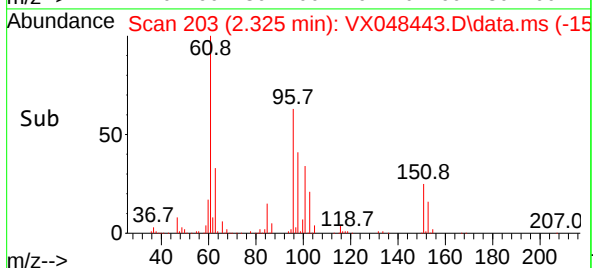
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

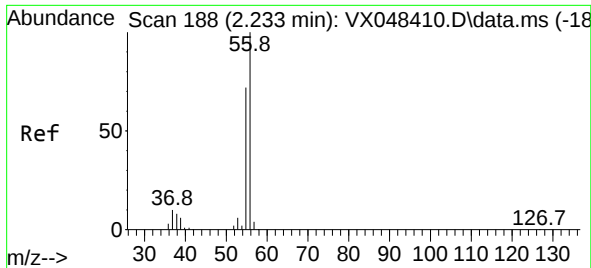


#12
1,1-Dichloroethene
Concen: 50.059 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



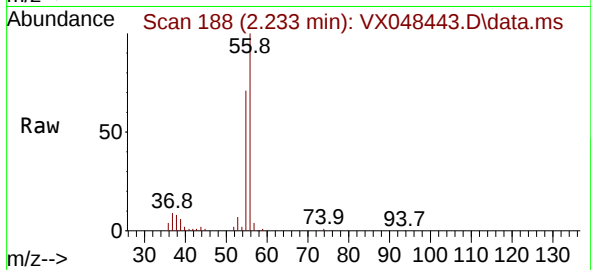
Tgt Ion: 96 Resp: 86478
Ion Ratio Lower Upper
96 100
61 158.2 139.0 208.6
98 64.5 52.4 78.6





#13
Acrolein
Concen: 203.047 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

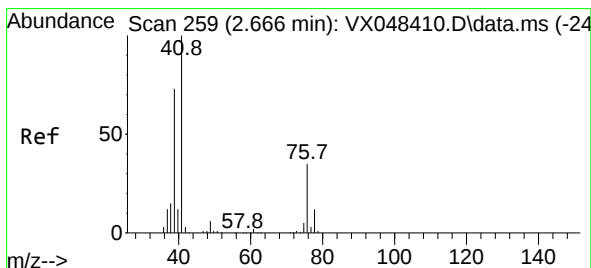
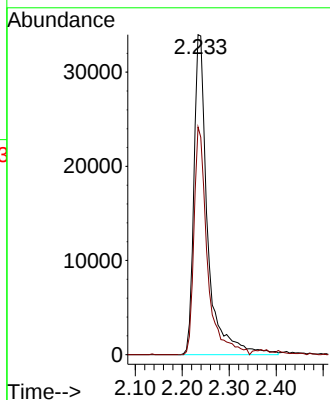
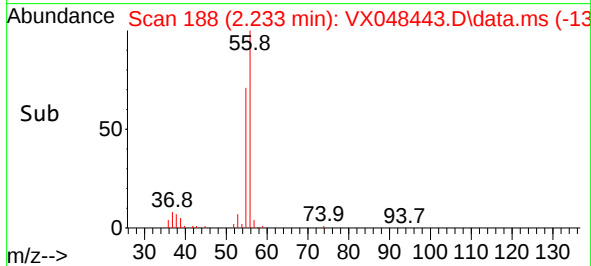
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 69308
Ion Ratio Lower Upper
56 100
55 69.1 56.1 84.1

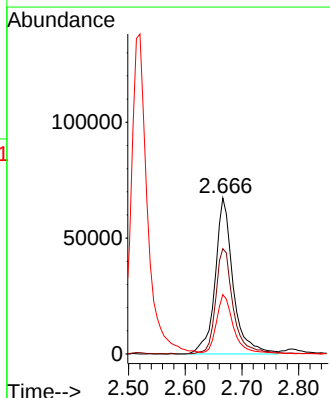
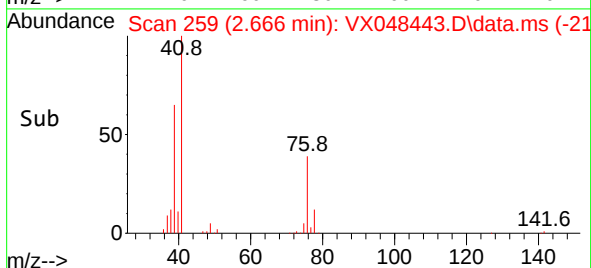
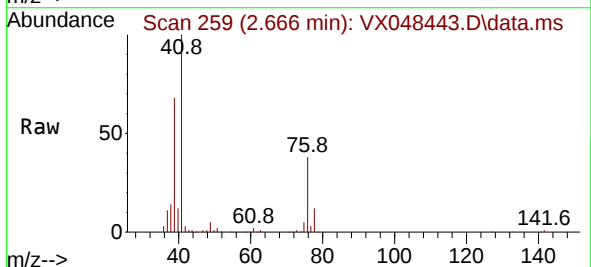
Manual Integrations
APPROVED

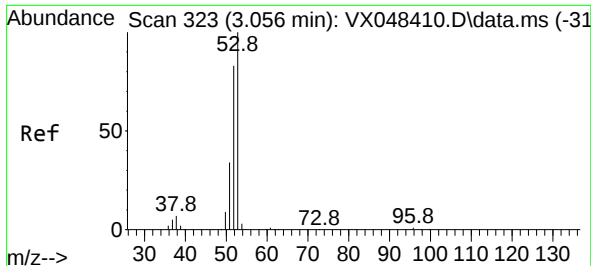
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#14
Allyl chloride
Concen: 50.767 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

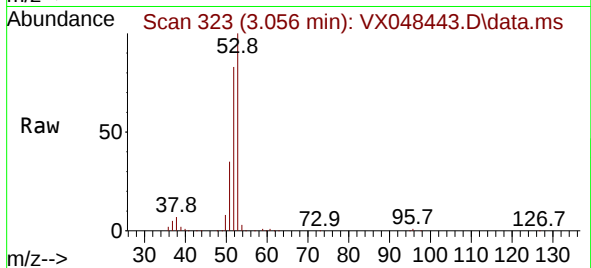
Tgt Ion: 41 Resp: 148519
Ion Ratio Lower Upper
41 100
39 66.4 56.0 84.0
76 36.2 27.5 41.3





#15
Acrylonitrile
Concen: 277.642 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

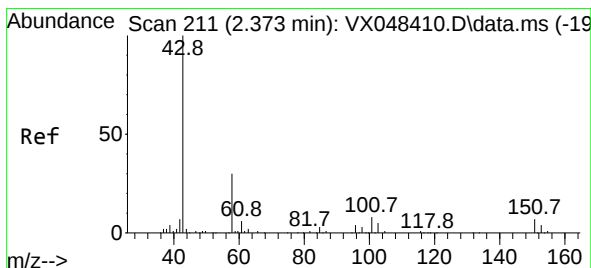
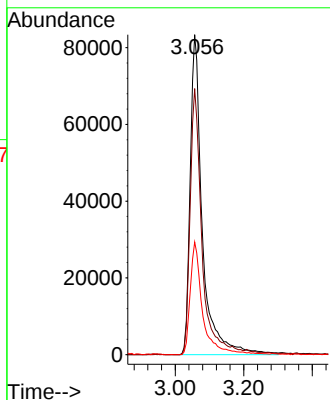
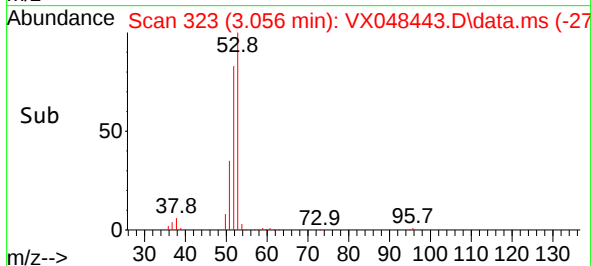
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



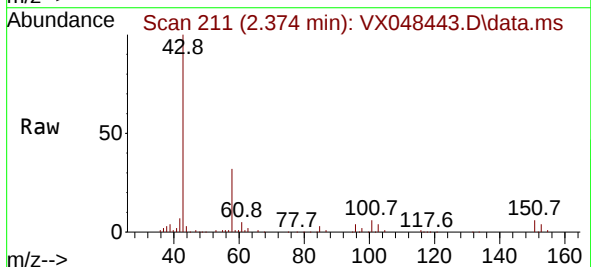
Tgt Ion: 53 Resp: 20654
Ion Ratio Lower Upper
53 100
52 80.1 66.1 99.1
51 36.0 29.0 43.4

Manual Integrations
APPROVED

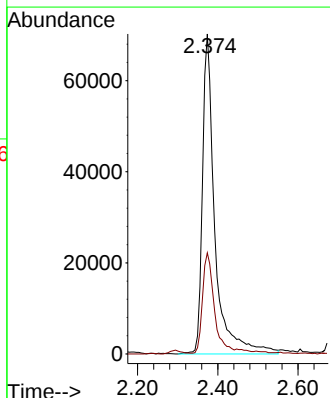
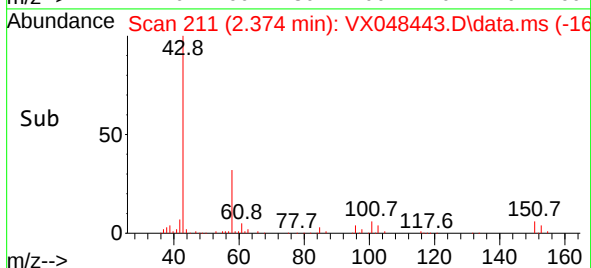
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

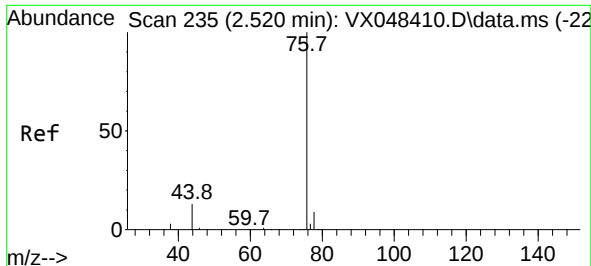


#16
Acetone
Concen: 312.784 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



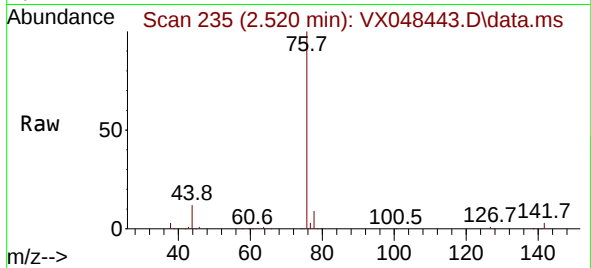
Tgt Ion: 43 Resp: 151314
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.2





#17
Carbon Disulfide
Concen: 54.294 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

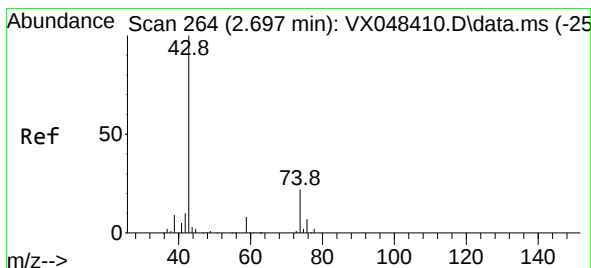
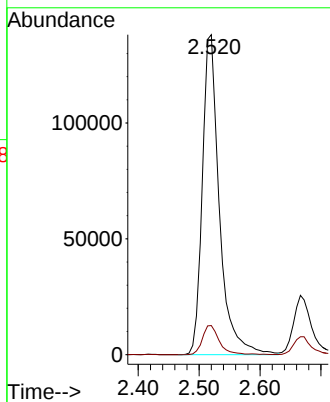
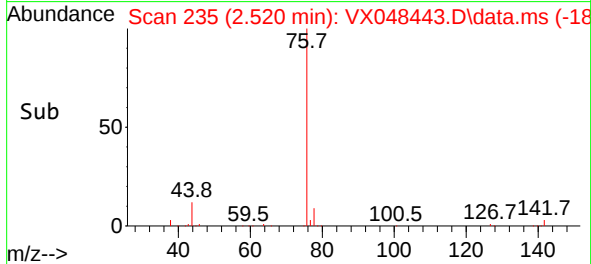
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 268934
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

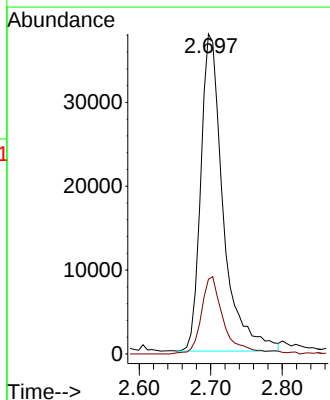
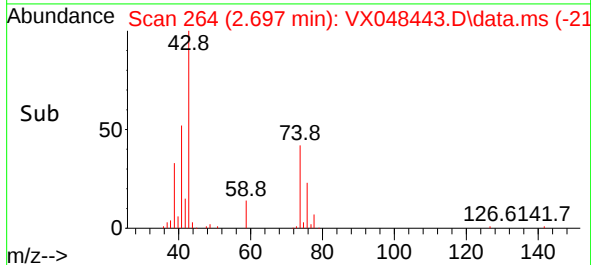
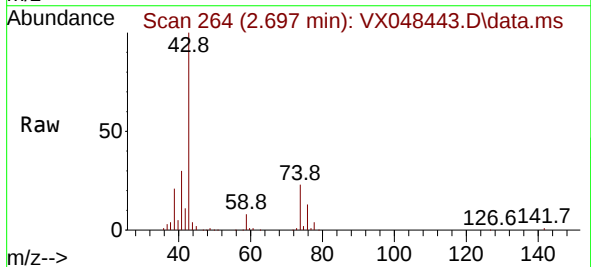
Manual Integrations
APPROVED

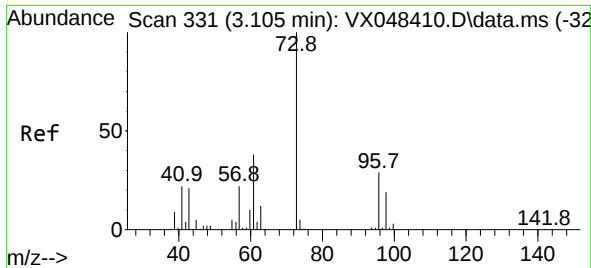
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#18
Methyl Acetate
Concen: 50.942 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 43 Resp: 82423
Ion Ratio Lower Upper
43 100
74 24.6 17.5 26.3





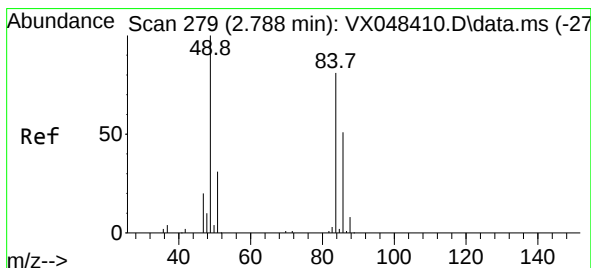
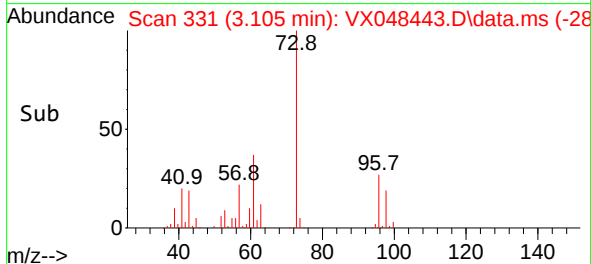
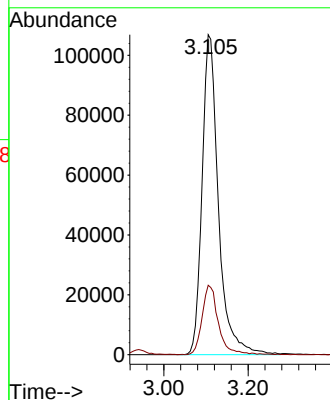
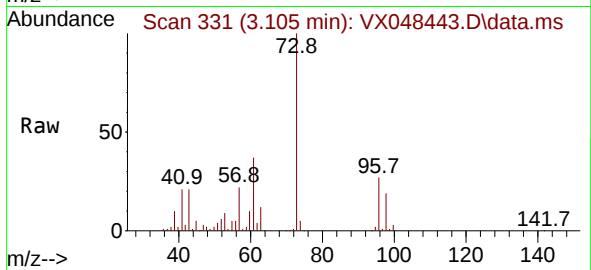
#19
Methyl tert-butyl Ether
Concen: 52.105 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 288240
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

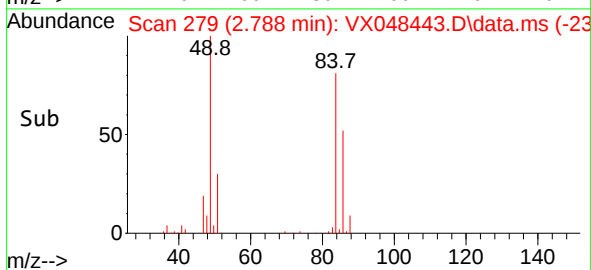
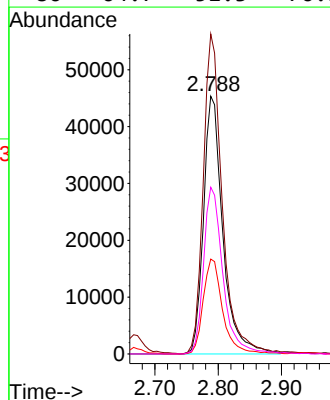
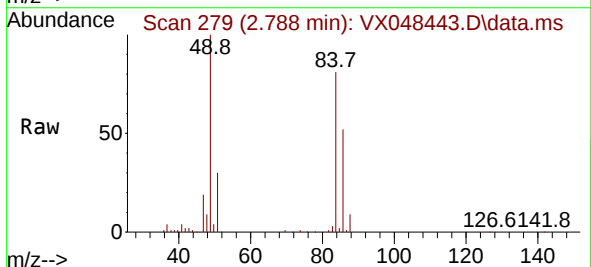
Manual Integrations
APPROVED

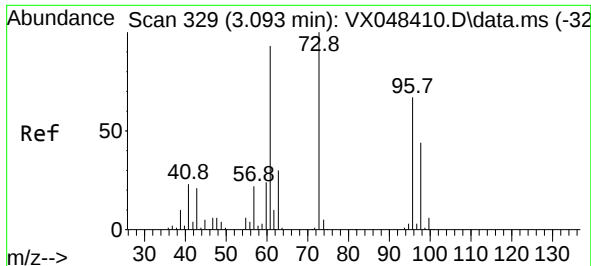
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#20
Methylene Chloride
Concen: 51.899 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

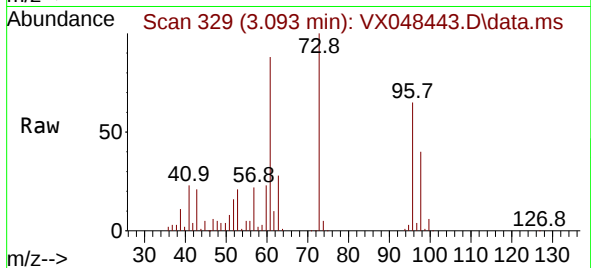
Tgt Ion: 84 Resp: 96781
Ion Ratio Lower Upper
84 100
49 124.1 104.1 156.1
51 36.8 31.3 46.9
86 64.7 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 53.229 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

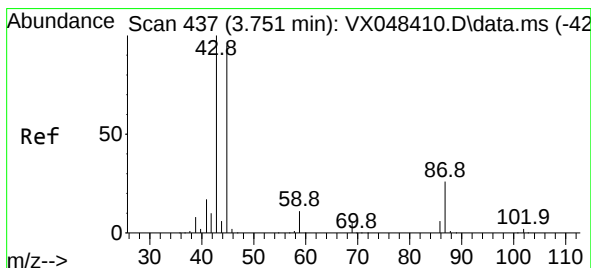
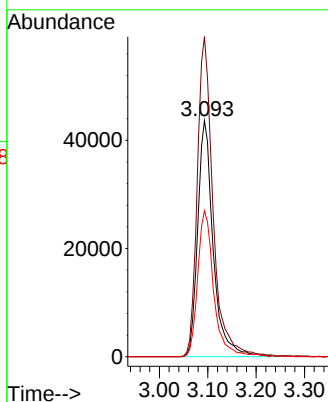
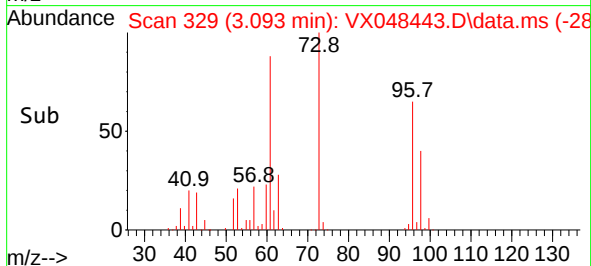
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 97670
Ion Ratio Lower Upper
96 100
61 135.5 111.9 167.9
98 61.8 51.2 76.8

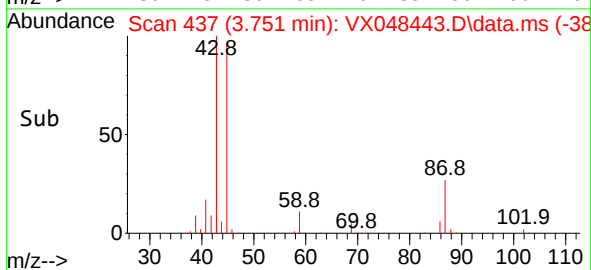
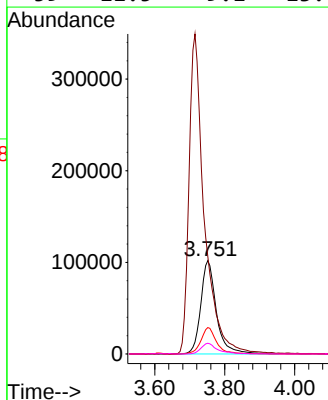
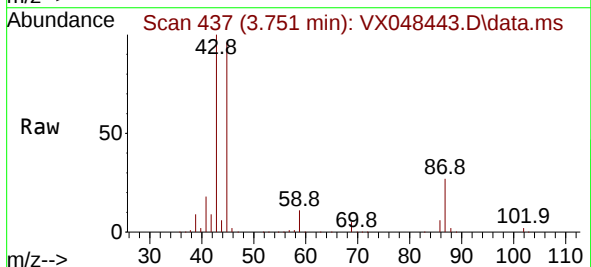
Manual Integrations
APPROVED

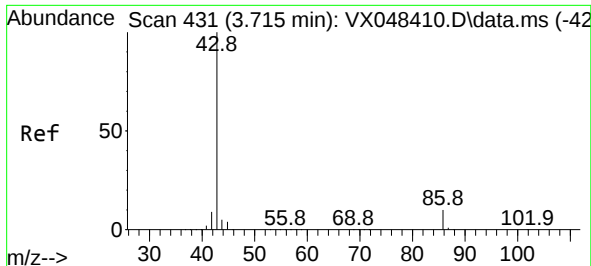
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#22
Diisopropyl ether
Concen: 52.650 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 45 Resp: 315269
Ion Ratio Lower Upper
45 100
43 104.0 89.8 134.8
87 28.3 20.6 31.0
59 11.5 9.1 13.7





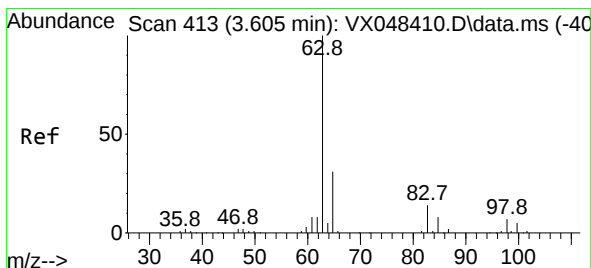
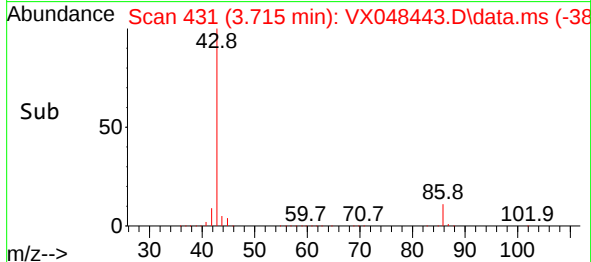
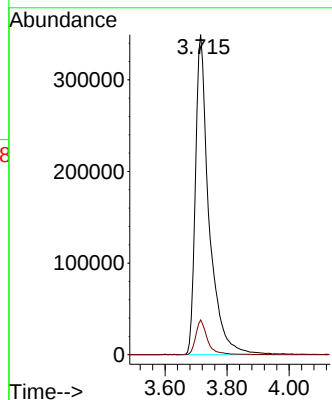
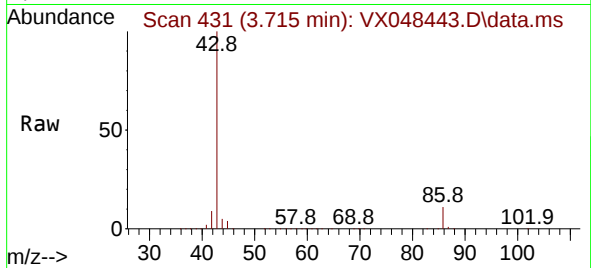
#23
 Vinyl Acetate
 Concen: 261.533 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 106606
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.9 11.9

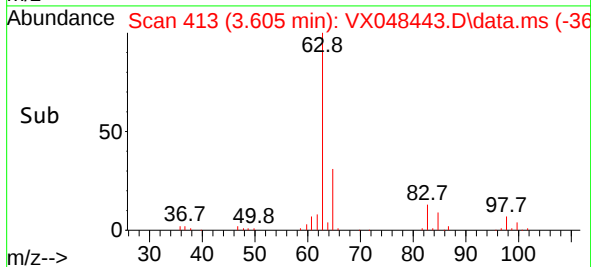
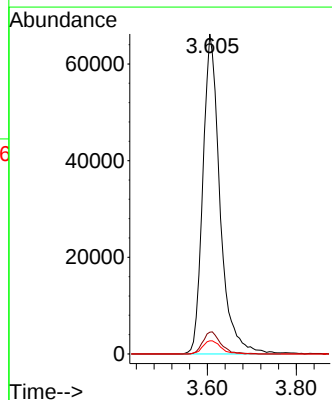
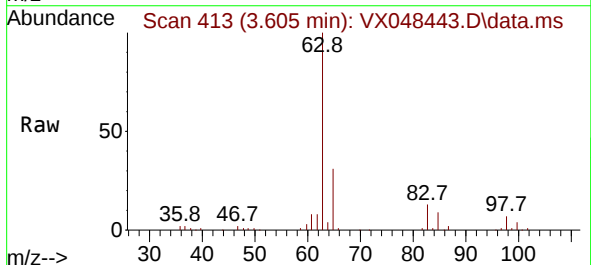
Manual Integrations
 APPROVED

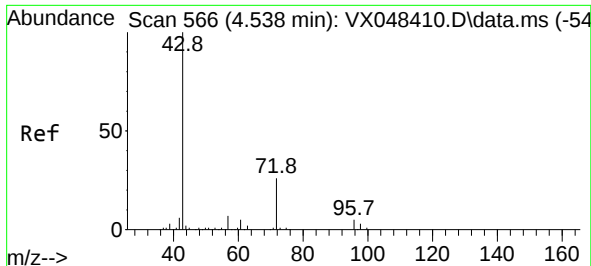
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#24
 1,1-Dichloroethane
 Concen: 52.315 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

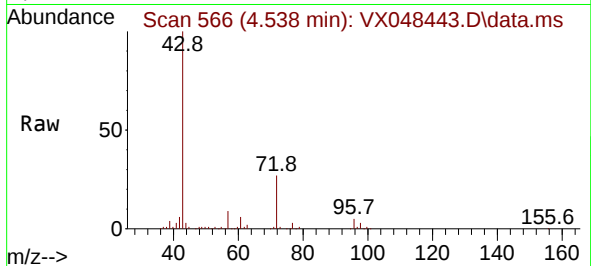
Tgt Ion: 63 Resp: 177783
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 256.739 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

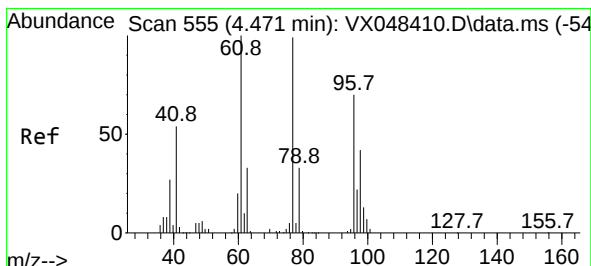
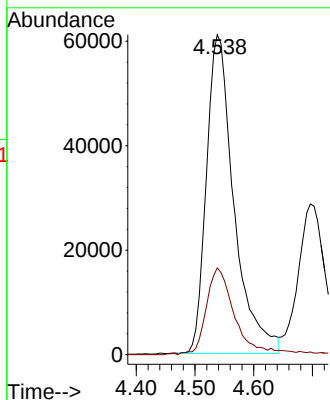
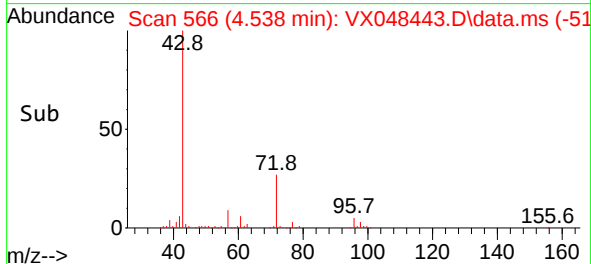
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19841
Ion Ratio Lower Upper
43 100
72 26.8 19.9 29.9

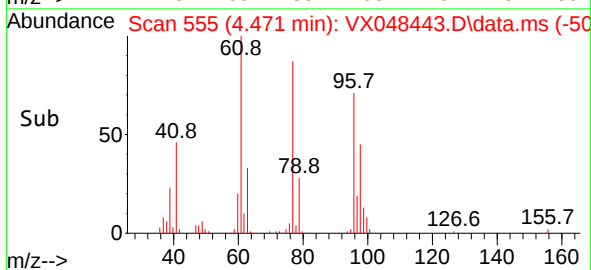
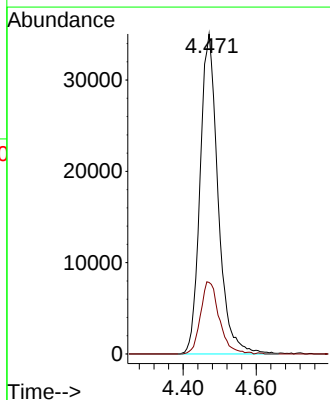
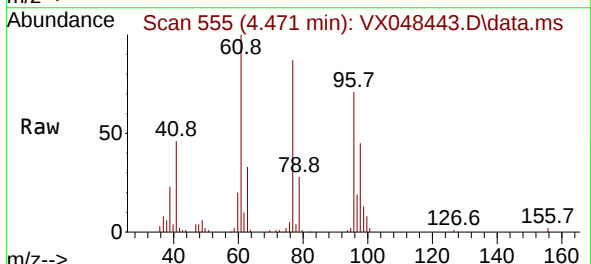
Manual Integrations
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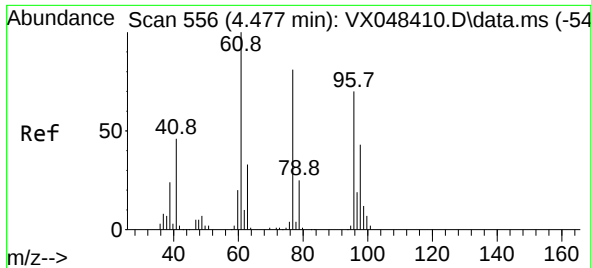
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#26
2,2-Dichloropropane
Concen: 40.918 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 77 Resp: 119725
Ion Ratio Lower Upper
77 100
97 23.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 47.861 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 10481

Ion Ratio Lower Upper

96 100

61 135.8 0.0 294.2

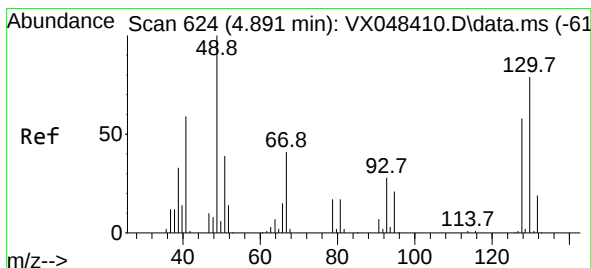
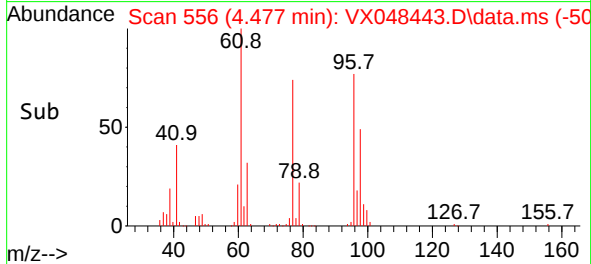
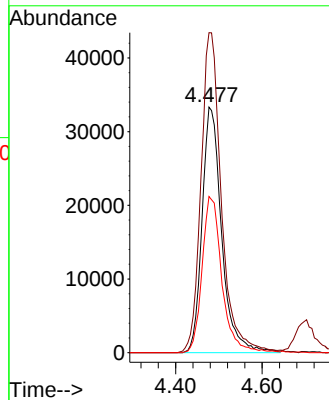
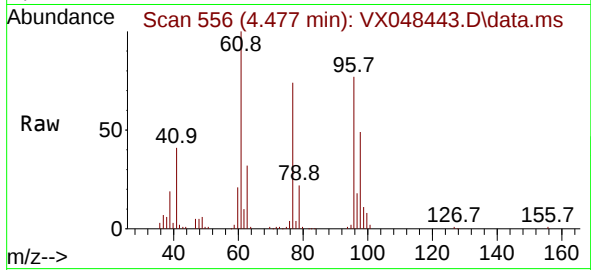
98 64.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#28

Bromochloromethane

Concen: 42.035 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

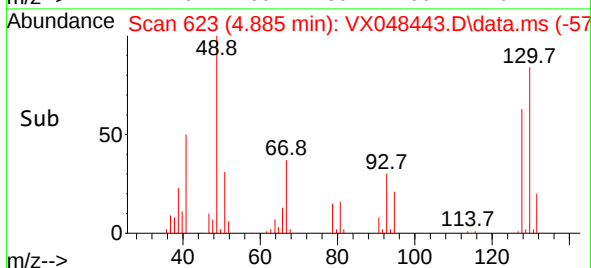
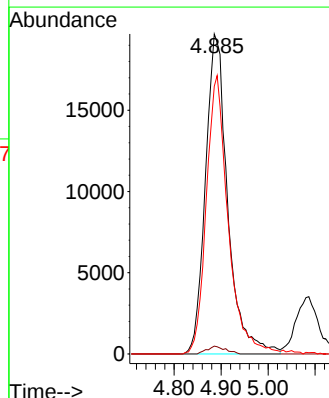
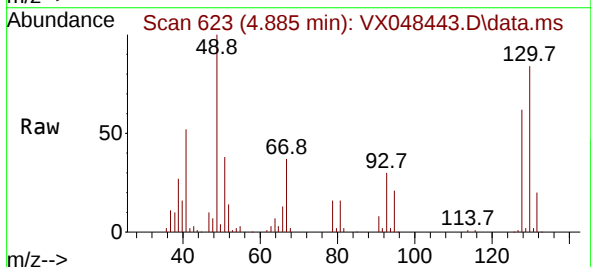
Tgt Ion: 49 Resp: 64739

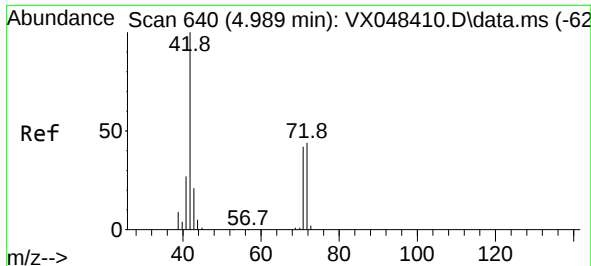
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

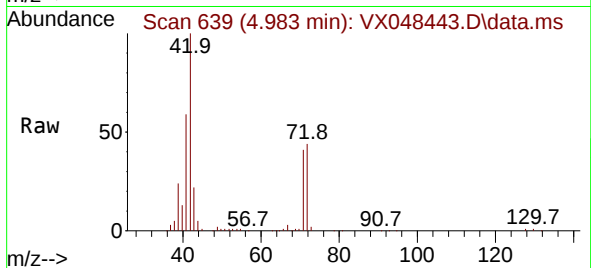
130 85.4 59.3 88.9





#29
Tetrahydrofuran
Concen: 237.973 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

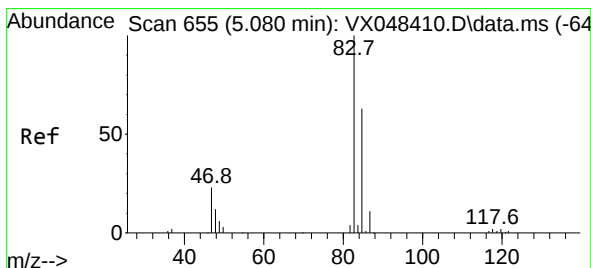
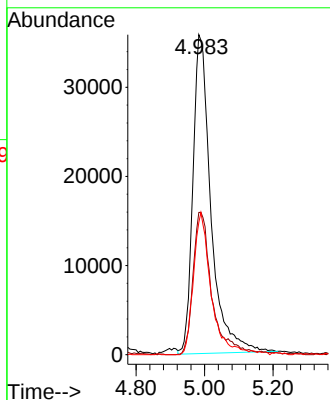
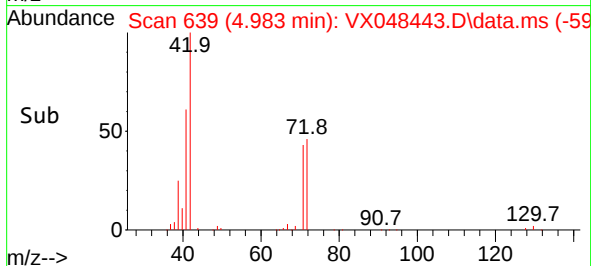
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 130972
Ion Ratio Lower Upper
42 100
72 46.7 35.3 52.9
71 43.3 32.2 48.4

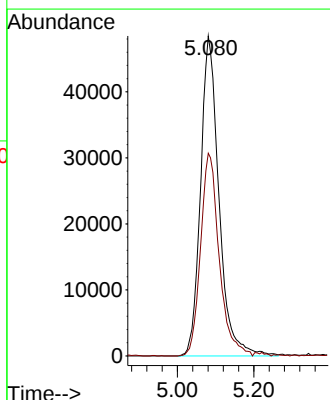
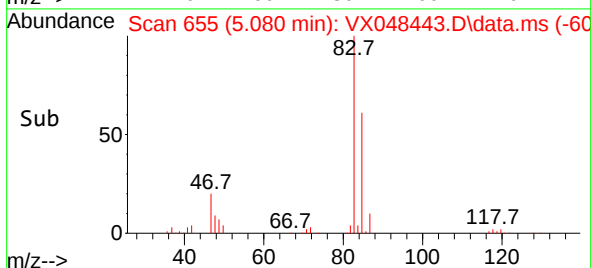
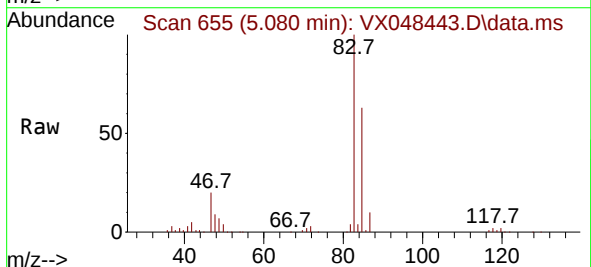
Manual Integrations
APPROVED

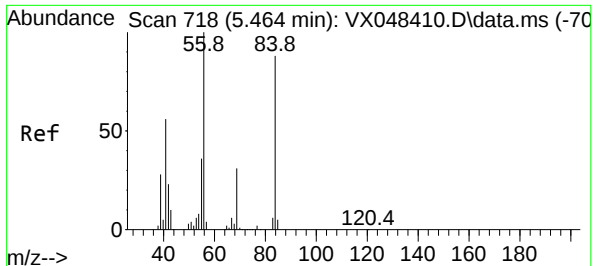
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#30
Chloroform
Concen: 46.316 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

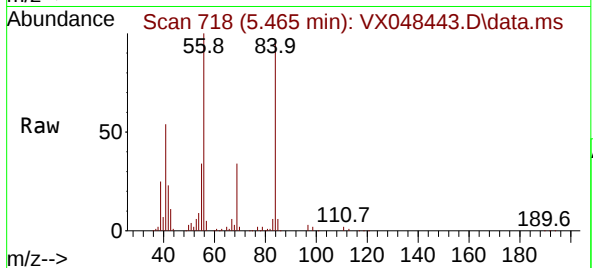
Tgt Ion: 83 Resp: 161910
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1





#31
Cyclohexane
Concen: 48.011 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

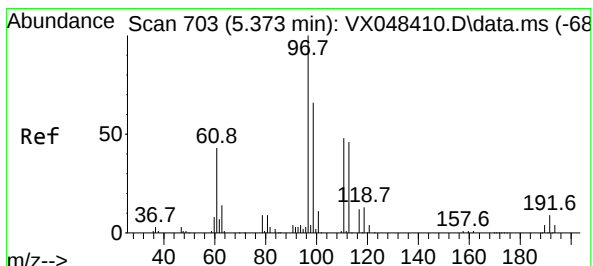
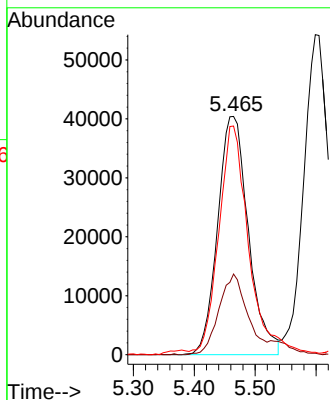
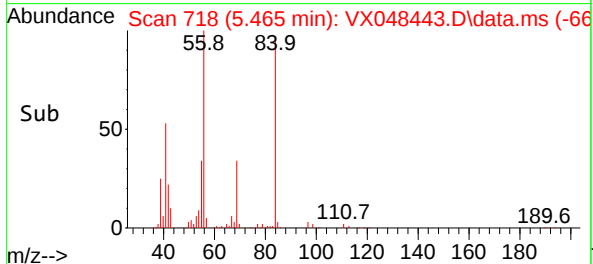
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



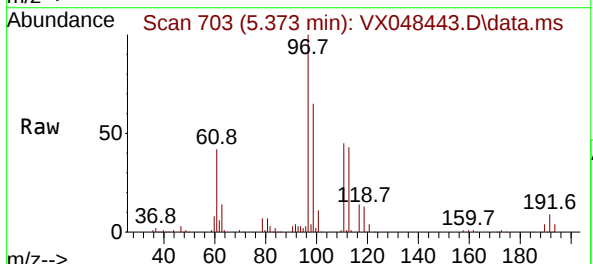
Tgt Ion: 56 Resp: 141624
Ion Ratio Lower Upper
56 100
69 33.3 23.0 34.6
84 94.3 64.6 97.0

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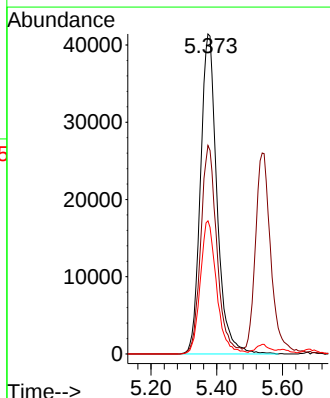
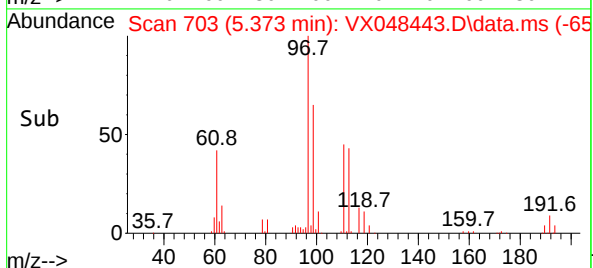
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

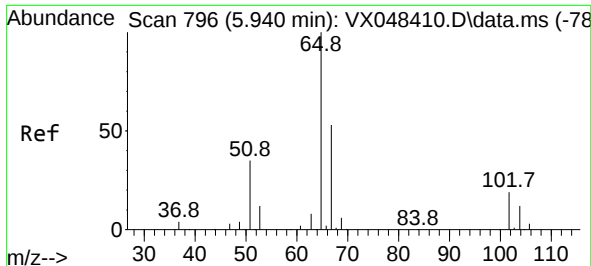


#32
1,1,1-Trichloroethane
Concen: 46.746 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



Tgt Ion: 97 Resp: 144264
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 41.4 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 40.694 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86860

Ion Ratio Lower Upper

65 100

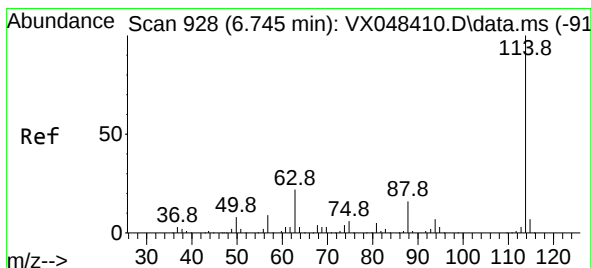
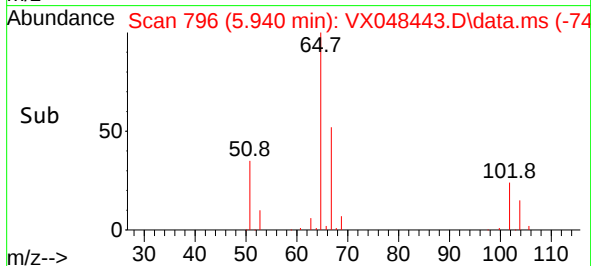
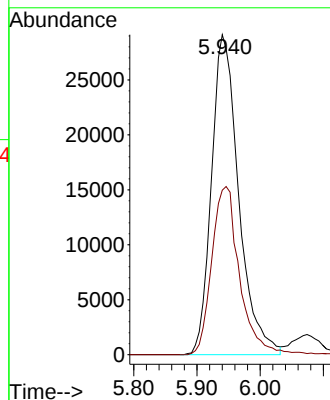
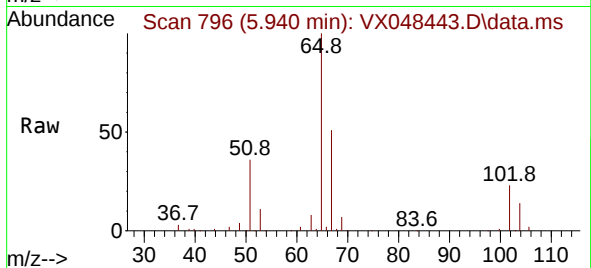
67 53.7 0.0 105.0

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APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

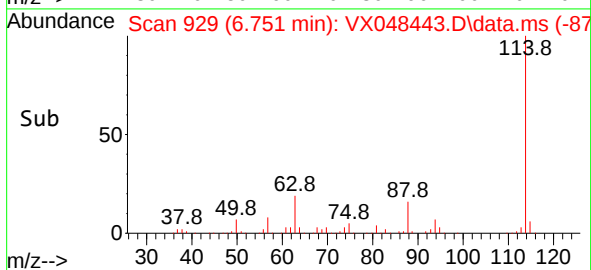
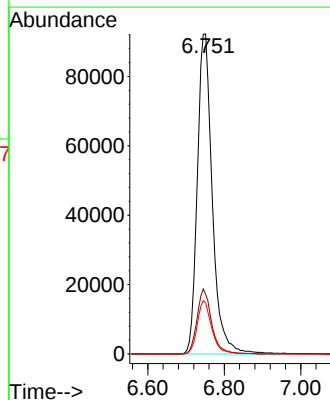
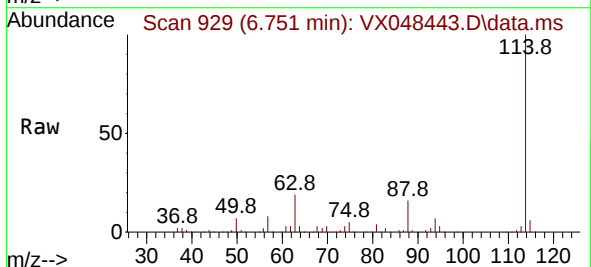
Tgt Ion:114 Resp: 250695

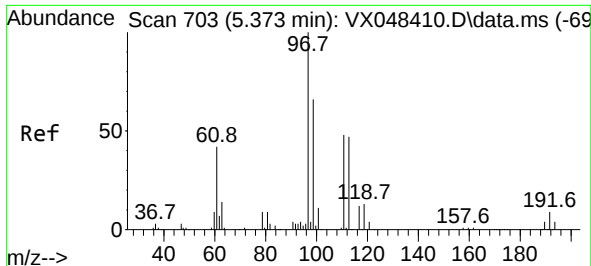
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

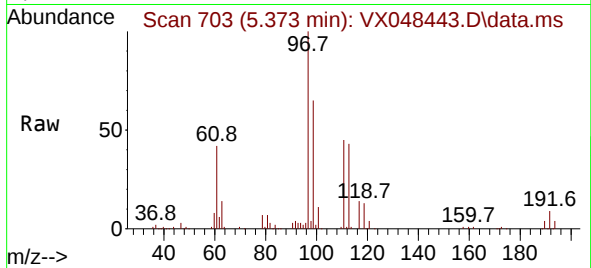
88 16.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 42.429 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

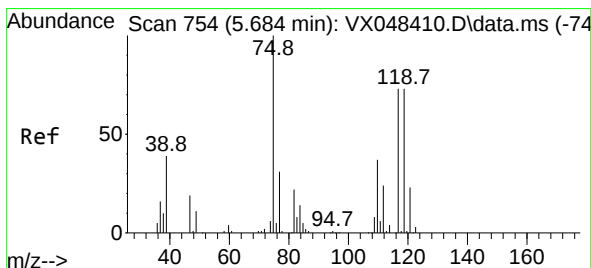
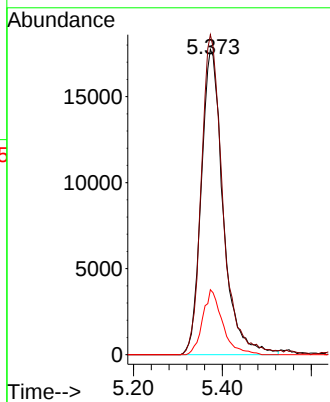
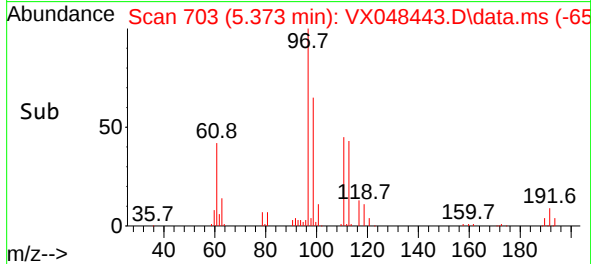
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 60644
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.4 15.1 22.7

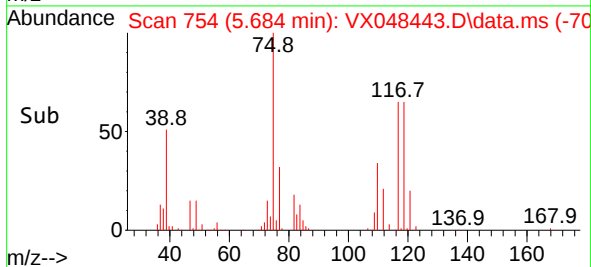
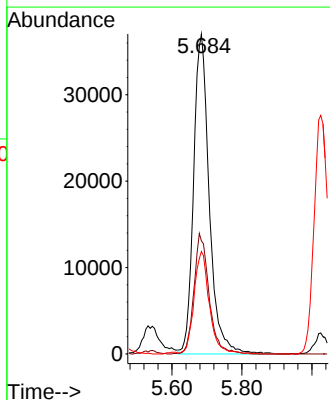
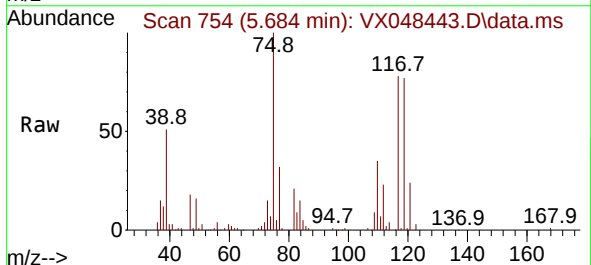
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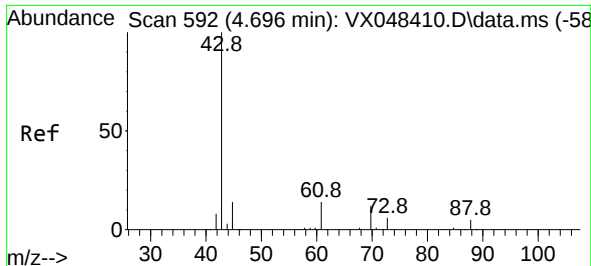
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#36
1,1-Dichloropropene
Concen: 47.928 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 75 Resp: 115040
Ion Ratio Lower Upper
75 100
110 36.3 17.7 53.1
77 31.4 24.3 36.5





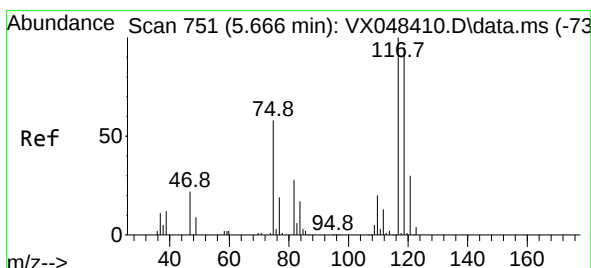
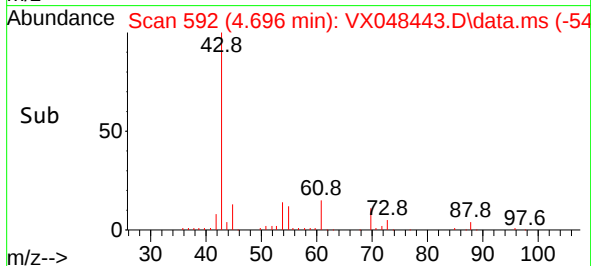
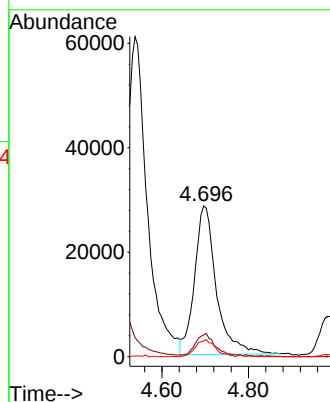
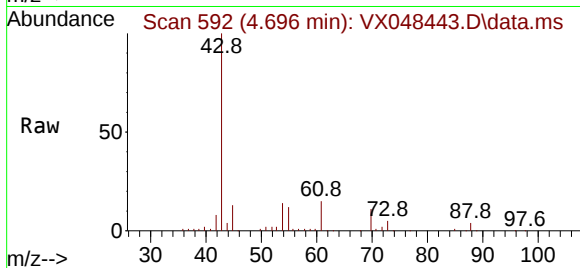
#37
Ethyl Acetate
Concen: 48.731 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9965
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 10.4 7.8 11.6

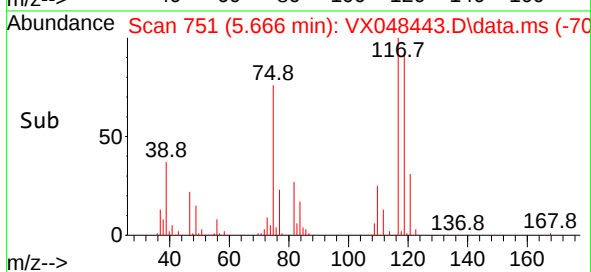
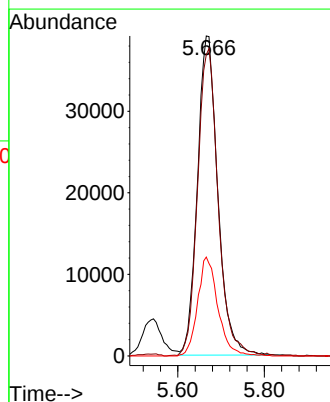
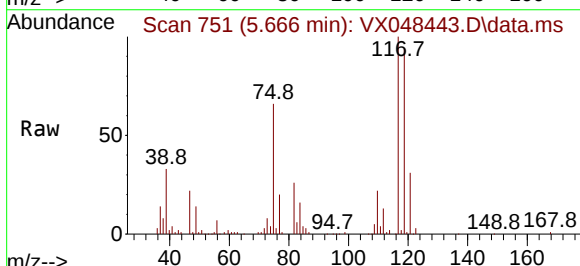
Manual Integrations
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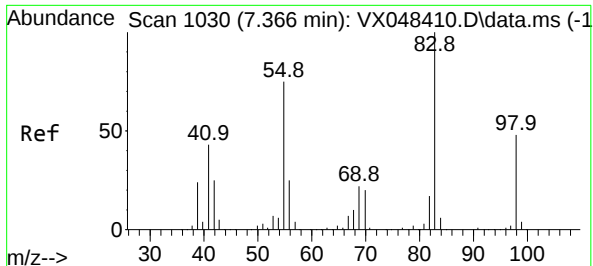
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#38
Carbon Tetrachloride
Concen: 46.198 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion:117 Resp: 128029
Ion Ratio Lower Upper
117 100
119 94.2 77.2 115.8
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 51.927 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 160279

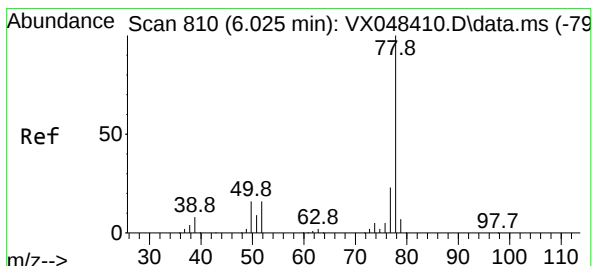
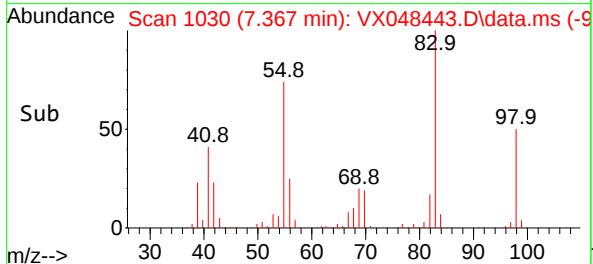
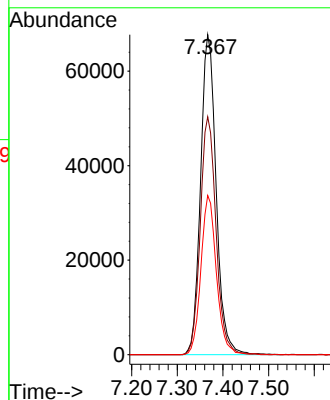
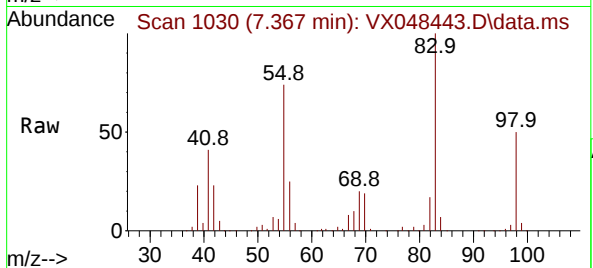
Ion	Ratio	Lower	Upper
83	100		
55	74.3	66.2	99.2
98	49.8	38.9	58.3

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#40

Benzene

Concen: 48.589 ug/l

RT: 6.025 min Scan# 810

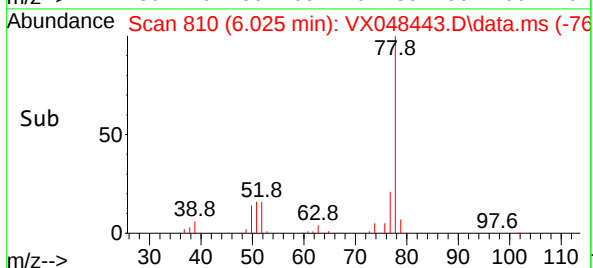
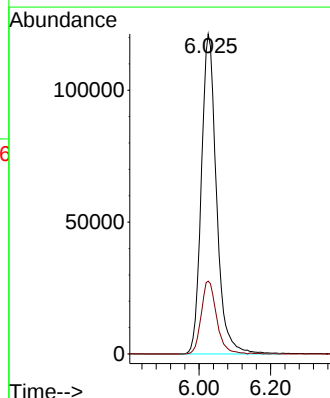
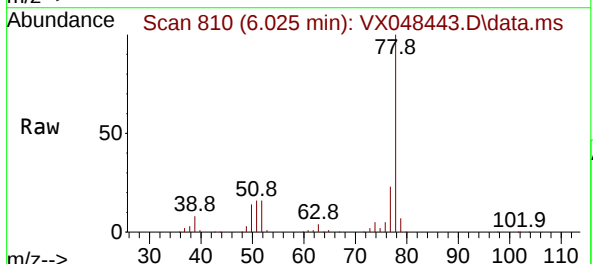
Delta R.T. 0.000 min

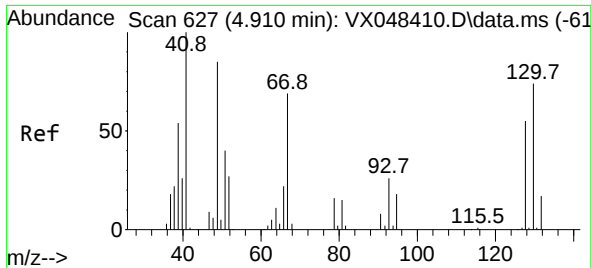
Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Tgt Ion: 78 Resp: 356293

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





#41
Methacrylonitrile
Concen: 47.048 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

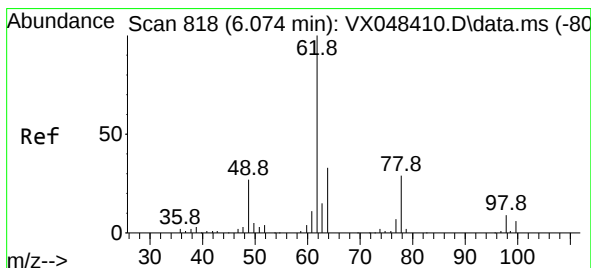
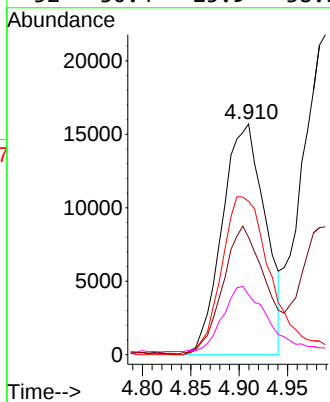
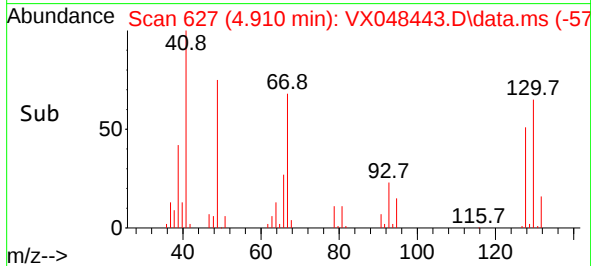
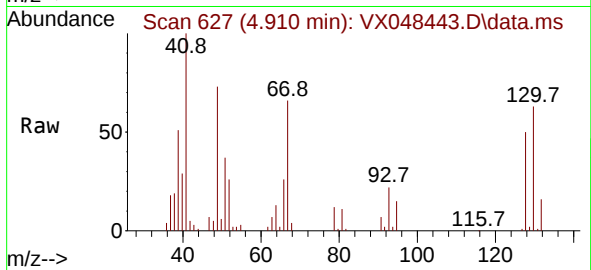
Tgt Ion: 41 Resp: 4846
Ion Ratio Lower Upper
41 100
39 55.1 44.0 66.0
67 80.0 58.7 88.1
52 30.4 25.9 38.9

Manual Integrations

APPROVED

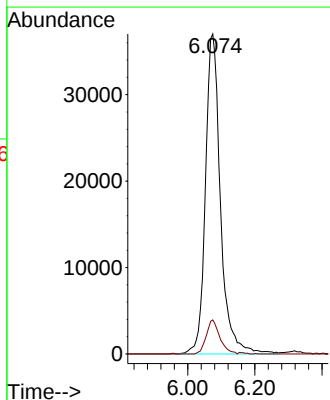
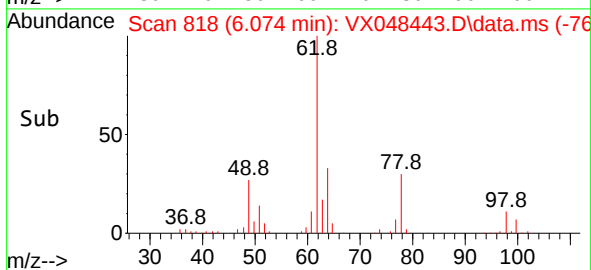
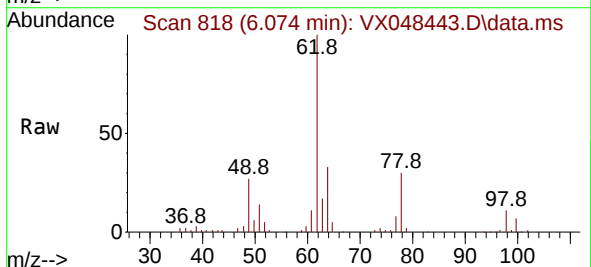
Reviewed By :Amit Patel 11/03/2025

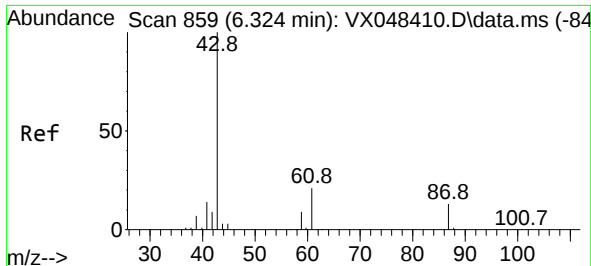
Supervised By :Semsettin Yesilyurt 11/03/2025



#42
1,2-Dichloroethane
Concen: 44.660 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

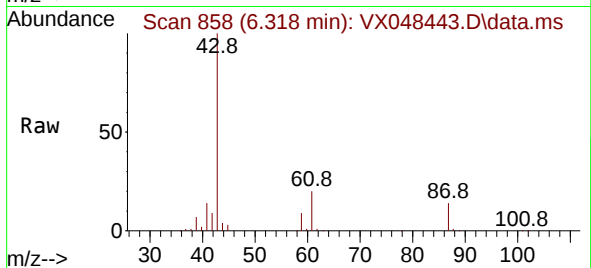
Tgt Ion: 62 Resp: 115347
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.2





#43
Isopropyl Acetate
Concen: 46.477 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

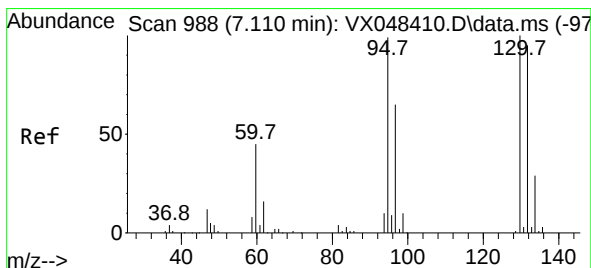
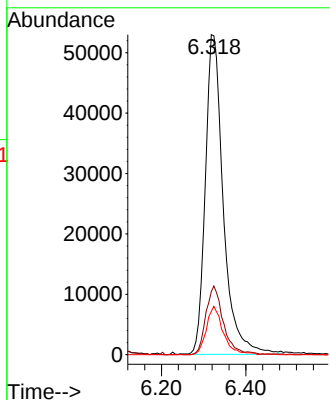
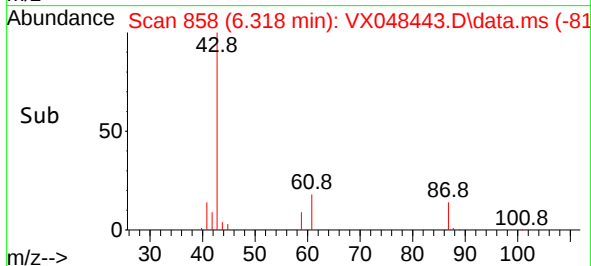
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 156910
Ion Ratio Lower Upper
43 100
61 20.9 14.9 22.3
87 14.2 9.4 14.2

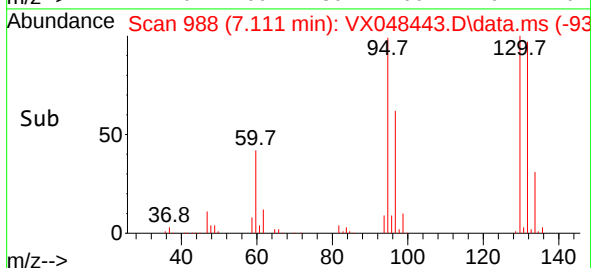
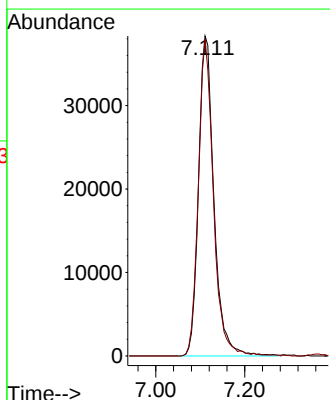
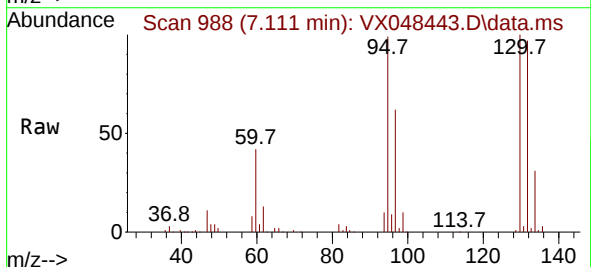
Manual Integrations
APPROVED

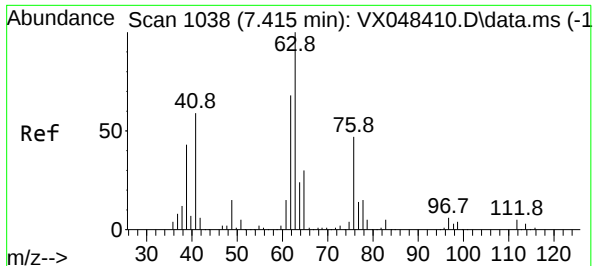
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#44
Trichloroethene
Concen: 48.262 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion:130 Resp: 92719
Ion Ratio Lower Upper
130 100
95 99.0 0.0 200.6





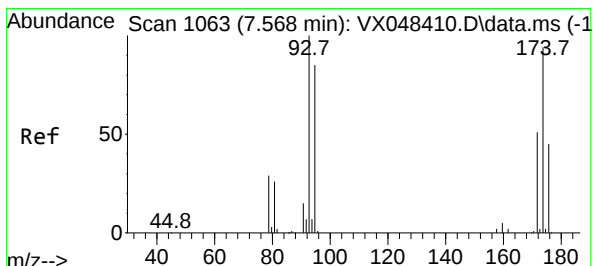
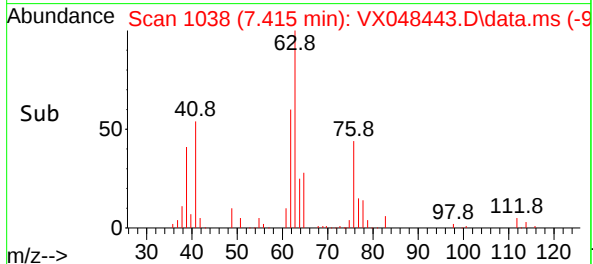
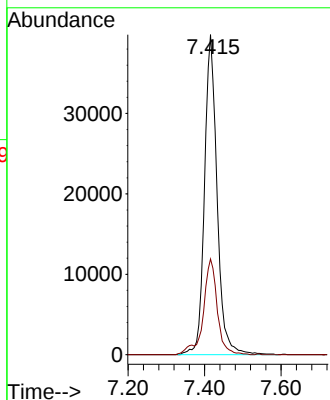
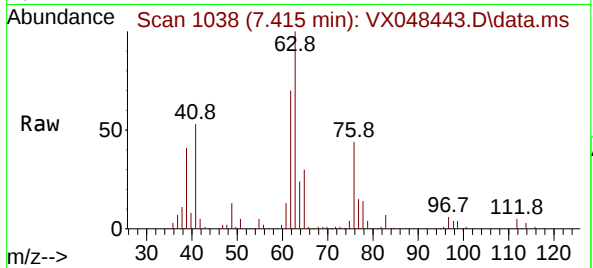
#45
1,2-Dichloropropane
Concen: 49.619 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 9086
Ion Ratio Lower Upper
63 100
65 29.9 24.1 36.1

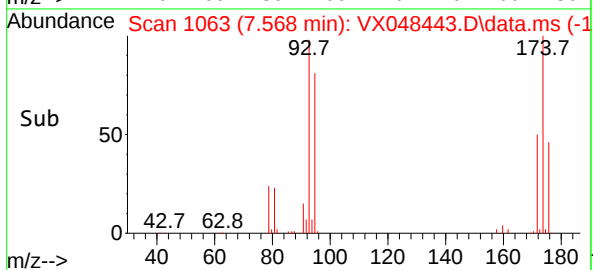
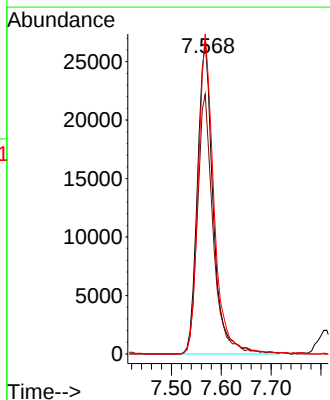
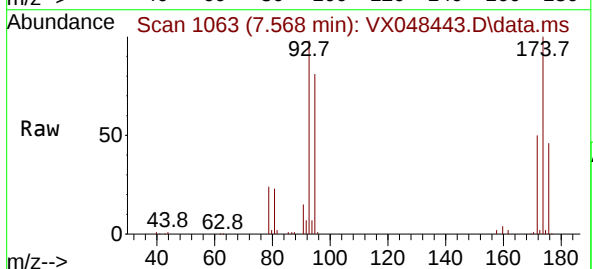
Manual Integrations
APPROVED

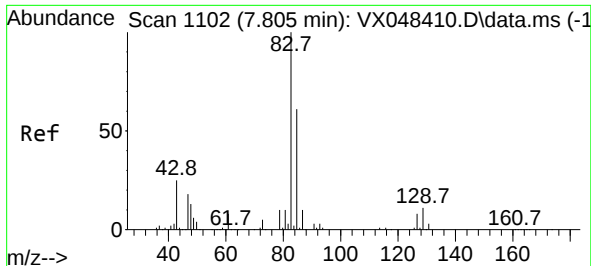
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#46
Dibromomethane
Concen: 45.620 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 93 Resp: 58485
Ion Ratio Lower Upper
93 100
95 83.4 65.9 98.9
174 102.0 71.7 107.5





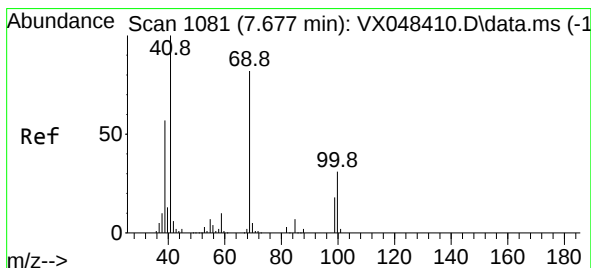
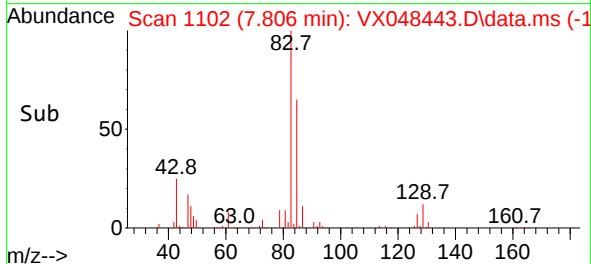
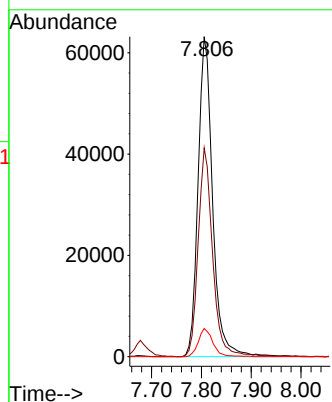
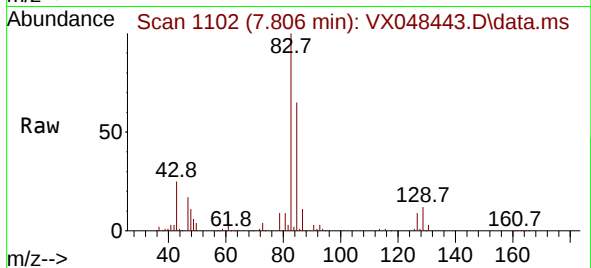
#47
Bromodichloromethane
Concen: 47.002 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12802
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.4
127 8.8 7.3 10.9

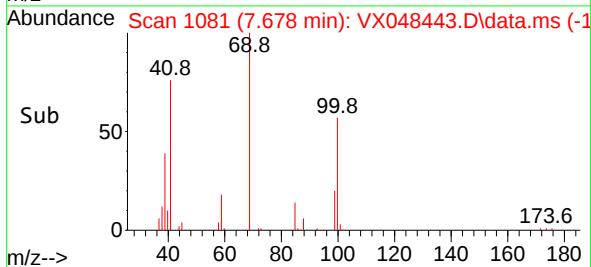
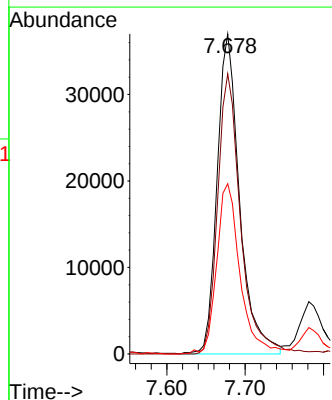
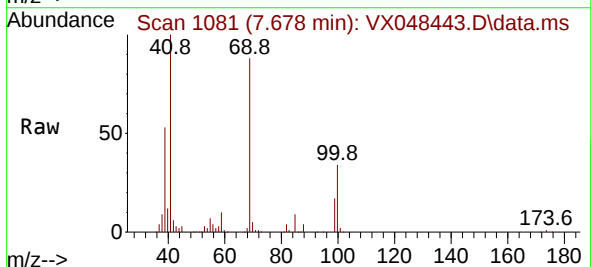
Manual Integrations
APPROVED

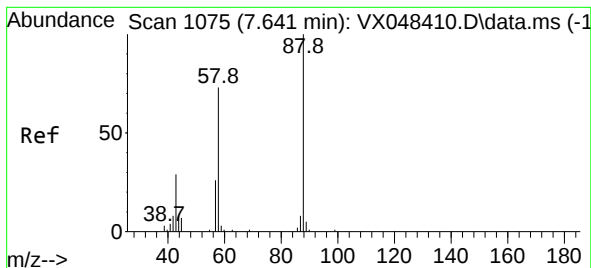
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#48
Methyl methacrylate
Concen: 44.950 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 41 Resp: 74008
Ion Ratio Lower Upper
41 100
69 89.6 63.4 95.0
39 55.4 47.1 70.7





#49

1,4-Dioxane

Concen: 942.773 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1764

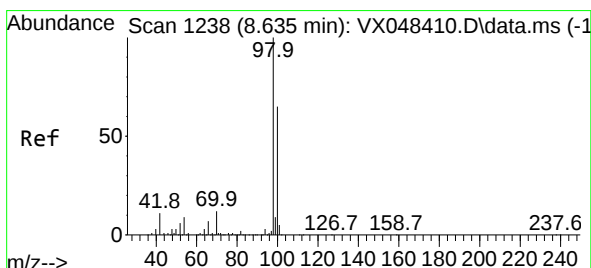
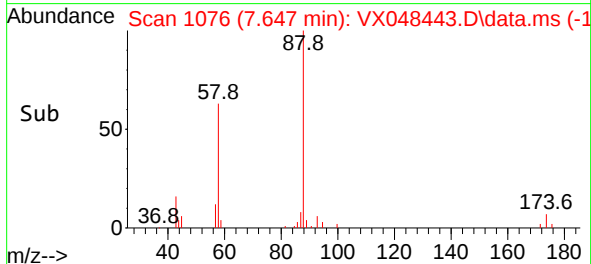
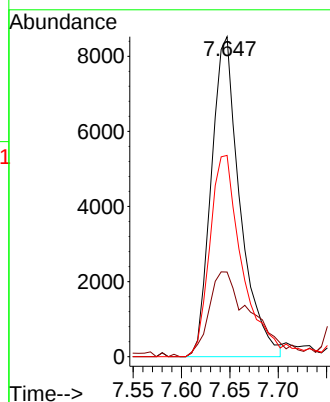
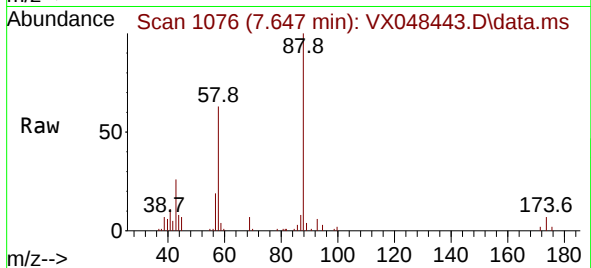
Ion	Ratio	Lower	Upper
88	100		
43	39.3	35.0	52.4
58	72.6	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#50

Toluene-d8

Concen: 46.366 ug/l

RT: 8.635 min Scan# 1238

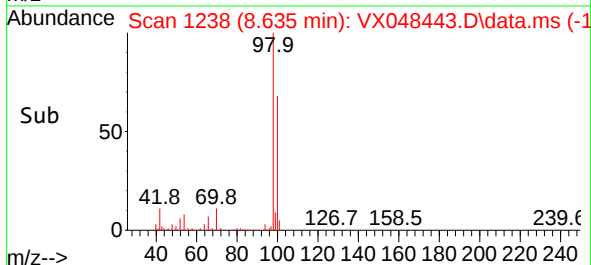
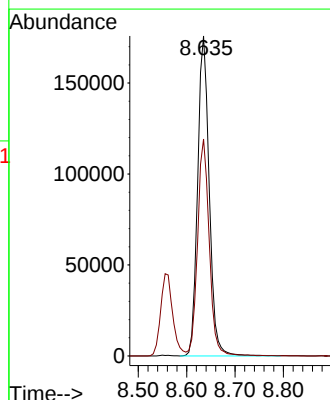
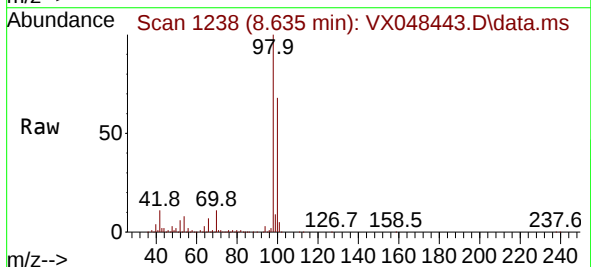
Delta R.T. 0.000 min

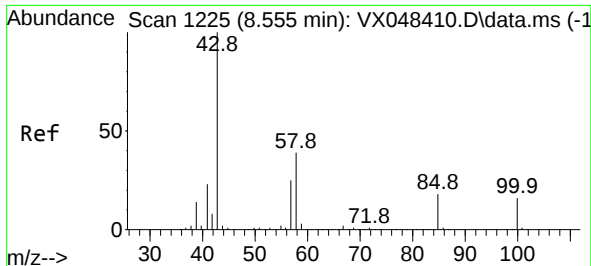
Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Tgt Ion: 98 Resp: 292540

Ion	Ratio	Lower	Upper
98	100		
100	68.5	53.0	79.4





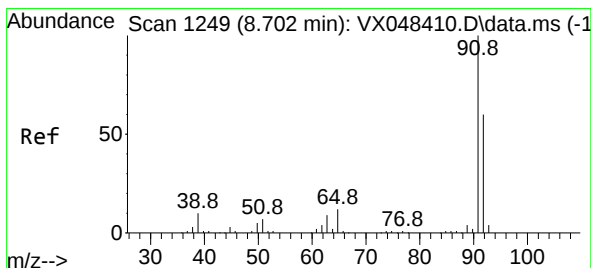
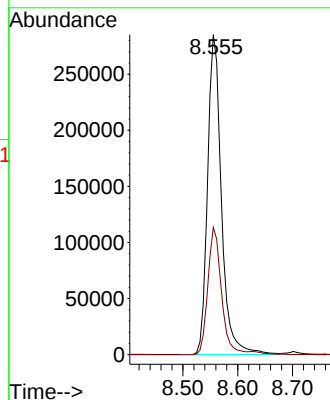
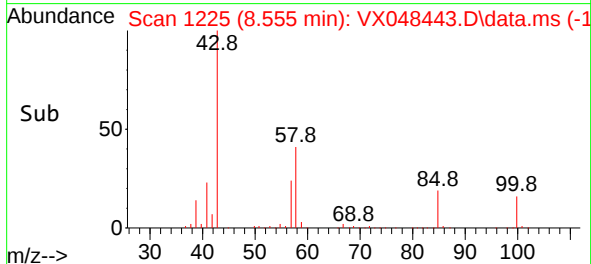
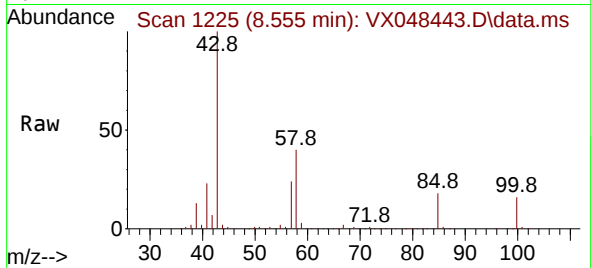
#51
4-Methyl-2-Pentanone
Concen: 265.846 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 49951
Ion Ratio Lower Upper
43 100
58 38.9 29.5 44.3

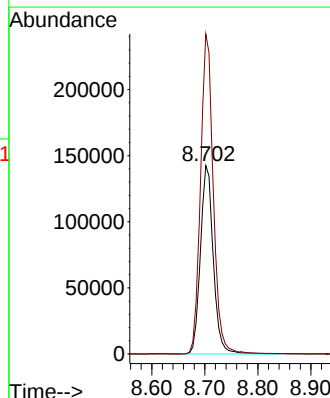
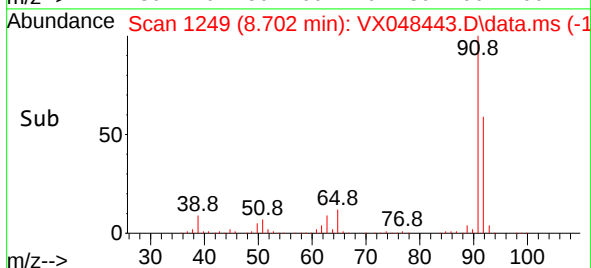
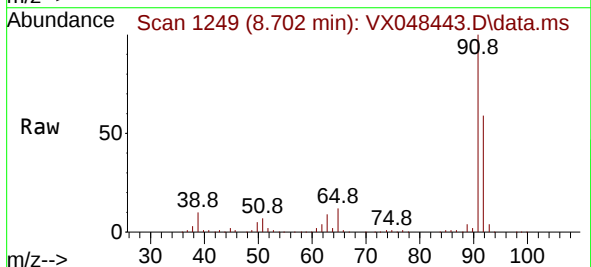
Manual Integrations
APPROVED

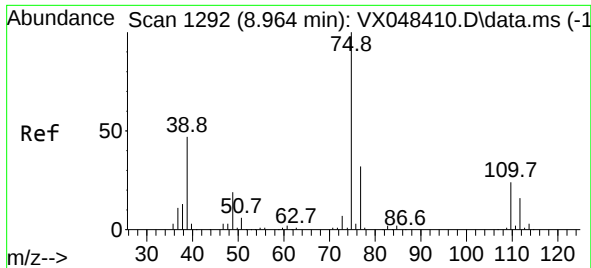
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#52
Toluene
Concen: 52.368 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 92 Resp: 239946
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1





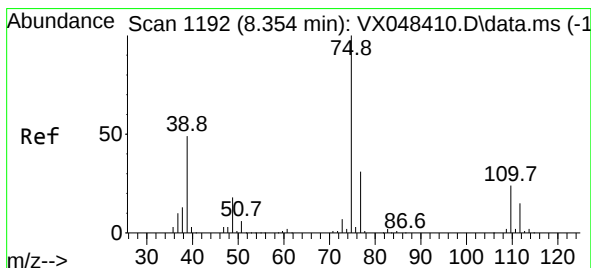
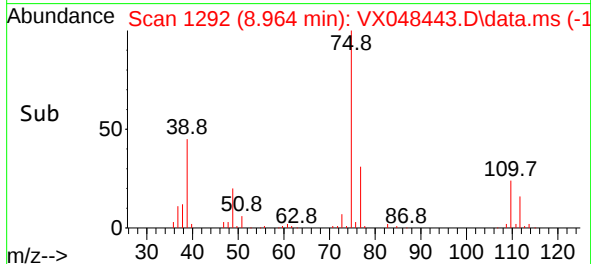
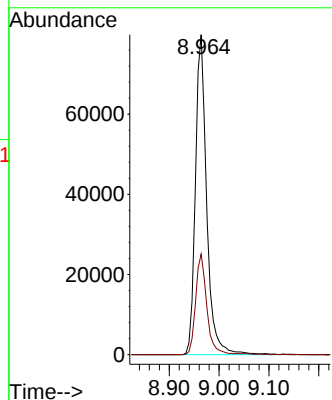
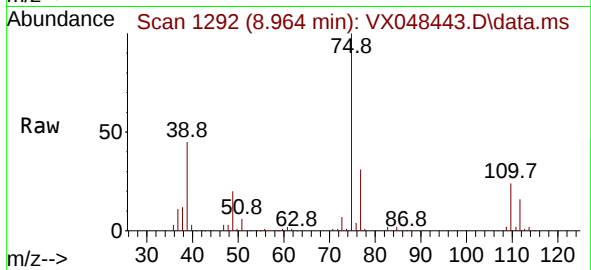
#53
t-1,3-Dichloropropene
Concen: 50.725 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 125235
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

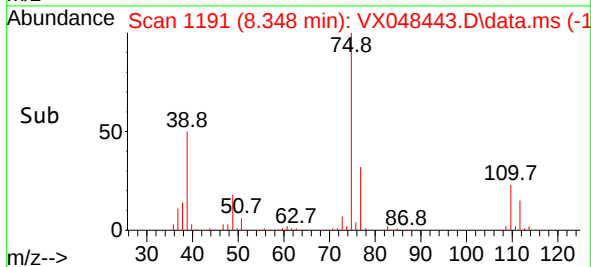
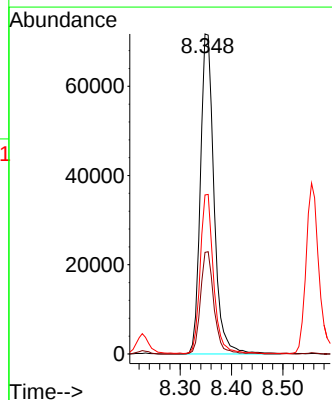
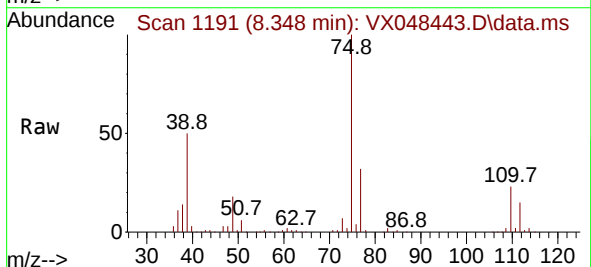
Manual Integrations
APPROVED

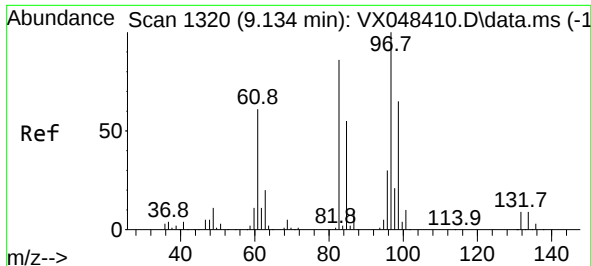
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#54
cis-1,3-Dichloropropene
Concen: 49.675 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 75 Resp: 132136
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 49.4 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 52.473 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

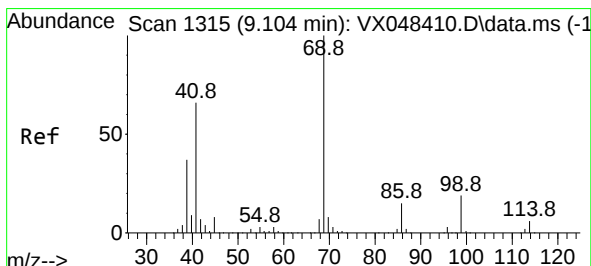
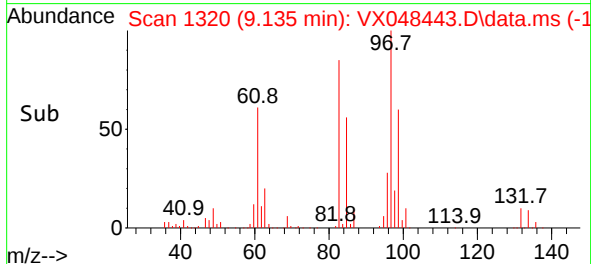
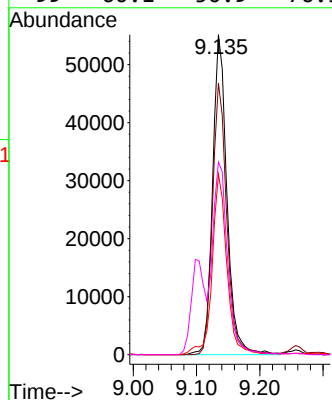
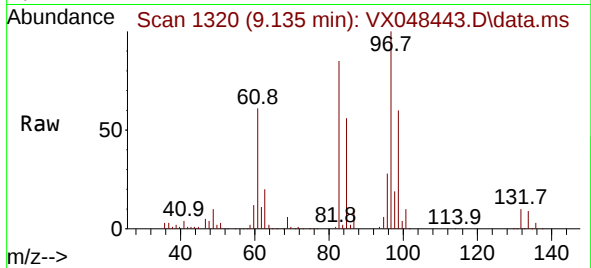
Tgt Ion: 97 Resp: 87000
Ion Ratio Lower Upper
97 100
83 84.9 70.6 105.8
85 56.4 45.0 67.6
99 60.1 50.9 76.3

Manual Integrations

APPROVED

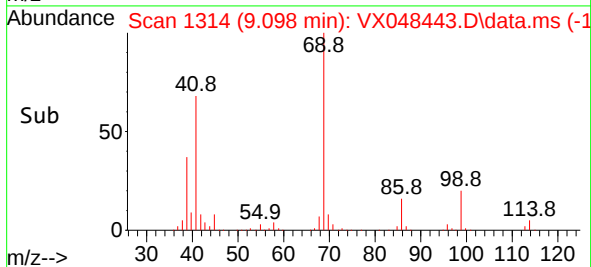
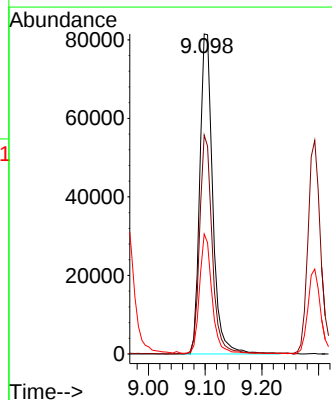
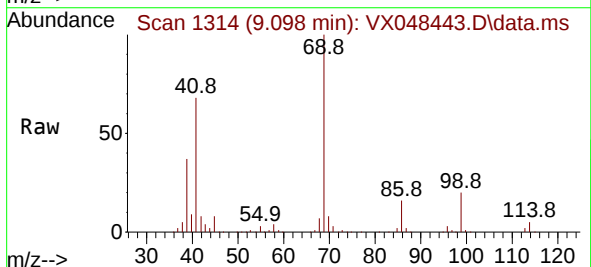
Reviewed By :Amit Patel 11/03/2025

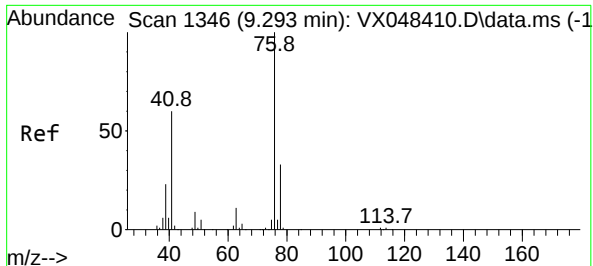
Supervised By :Semsettin Yesilyurt 11/03/2025



#56
Ethyl methacrylate
Concen: 53.131 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion: 69 Resp: 129000
Ion Ratio Lower Upper
69 100
41 67.0 56.0 84.0
39 35.6 31.6 47.4





#57

1,3-Dichloropropane

Concen: 51.198 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 147190

Ion Ratio Lower Upper

76 100

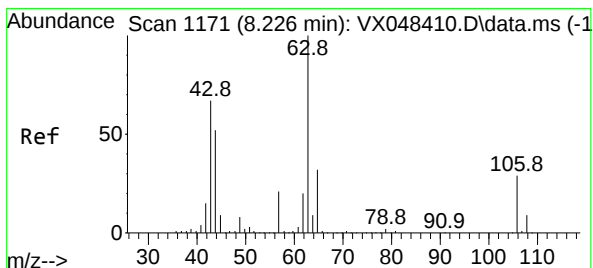
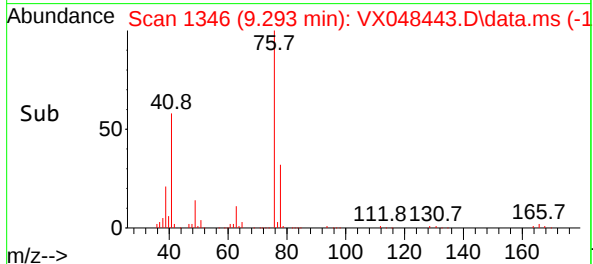
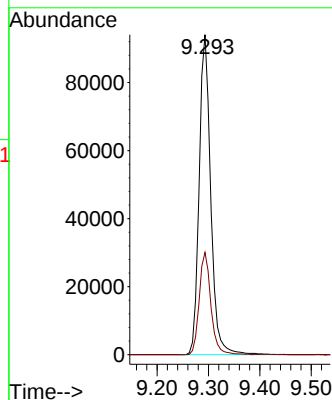
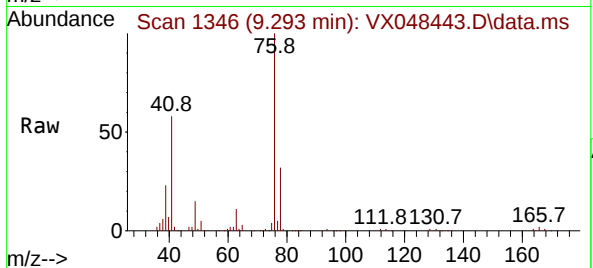
78 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.928 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048443.D

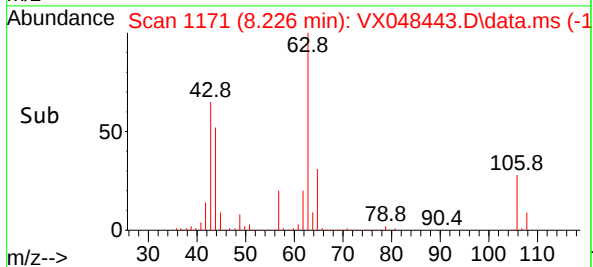
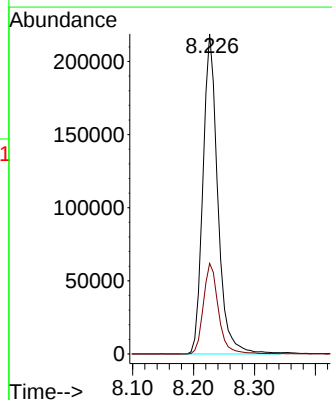
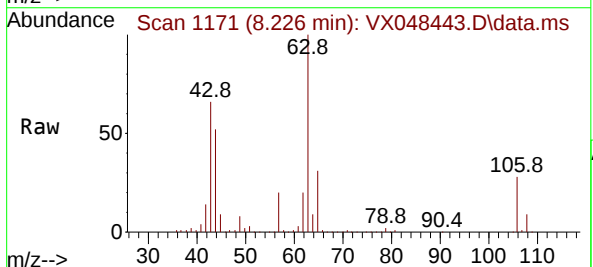
Acq: 31 Oct 2025 18:56

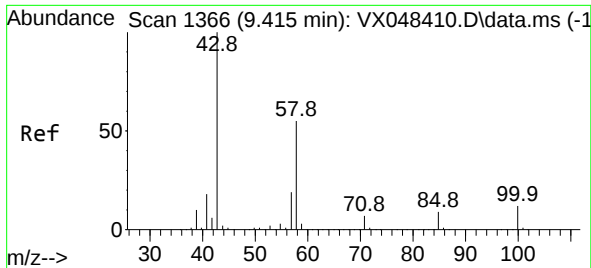
Tgt Ion: 63 Resp: 370427

Ion Ratio Lower Upper

63 100

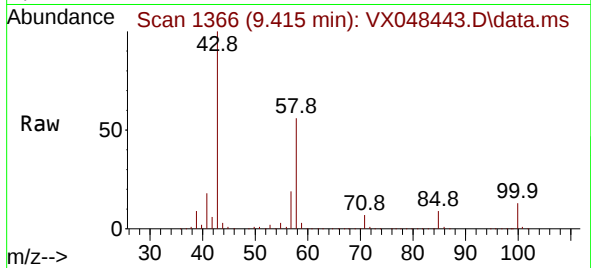
106 28.8 22.2 33.2





#59
2-Hexanone
Concen: 277.767 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

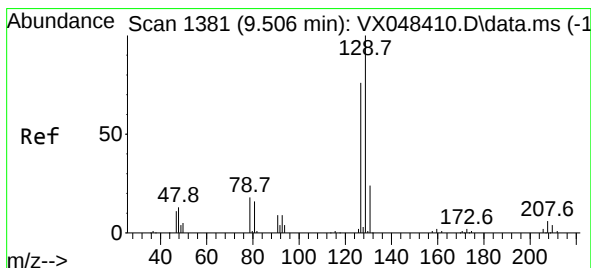
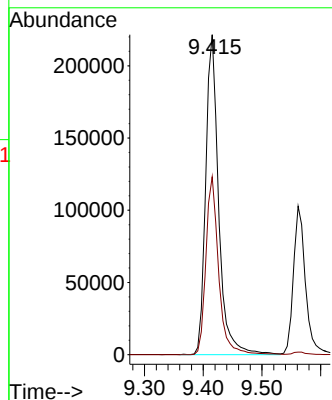
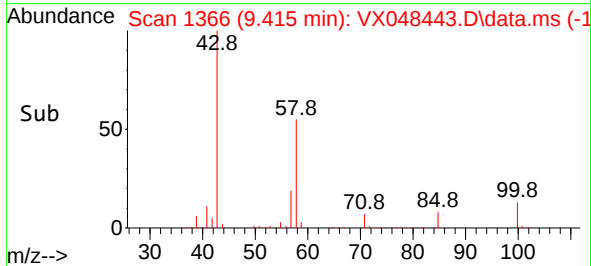
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



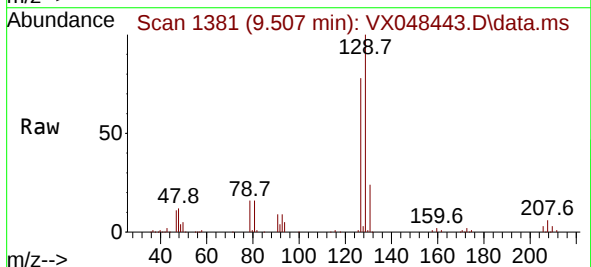
Tgt Ion: 43 Resp: 339600
Ion Ratio Lower Upper
43 100
58 54.8 26.3 78.8

Manual Integrations
APPROVED

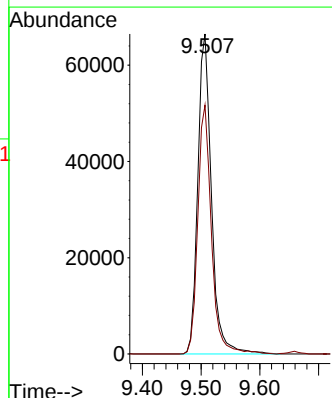
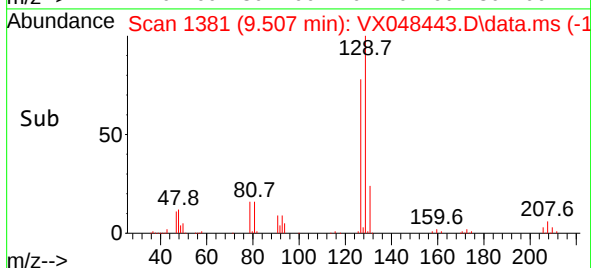
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

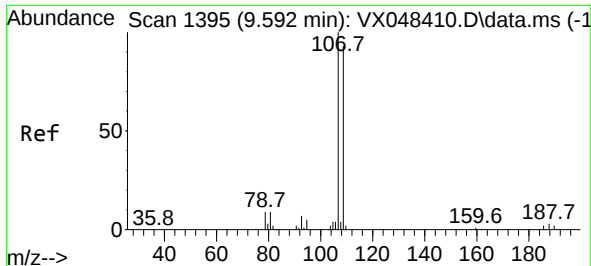


#60
Dibromochloromethane
Concen: 52.371 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



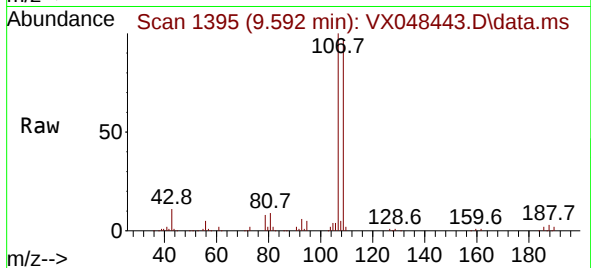
Tgt Ion:129 Resp: 107397
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 51.804 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

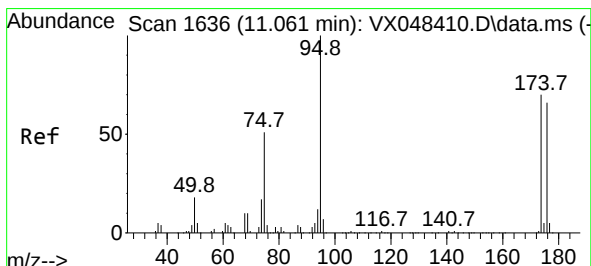
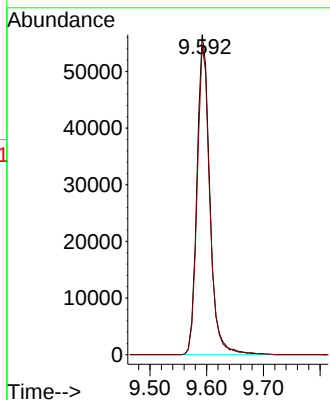
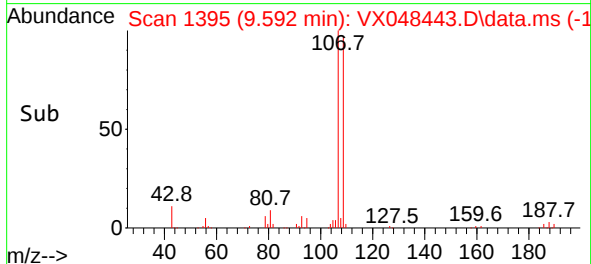
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



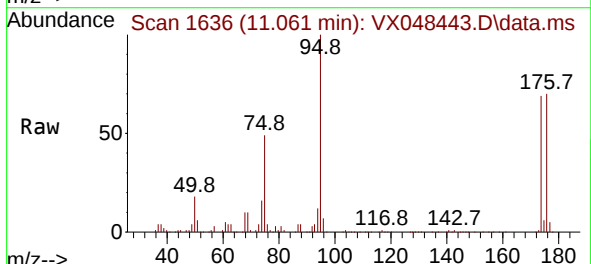
Tgt Ion:107 Resp: 88862
Ion Ratio Lower Upper
107 100
109 95.5 77.0 115.4

Manual Integrations
APPROVED

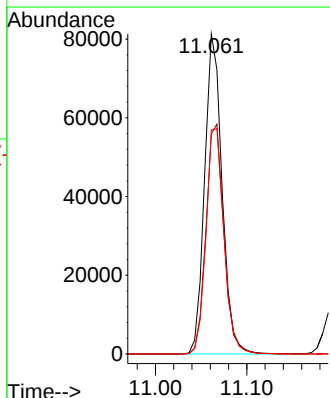
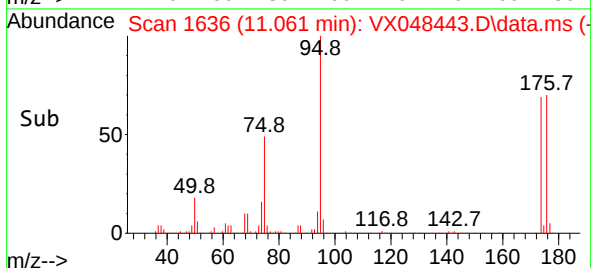
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

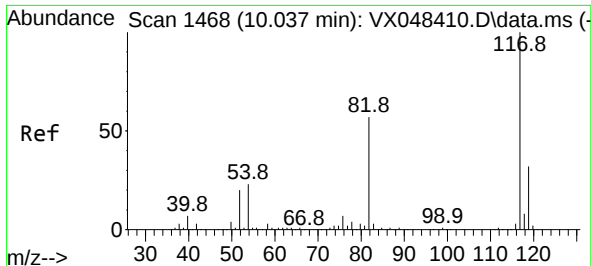


#62
4-Bromofluorobenzene
Concen: 45.451 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



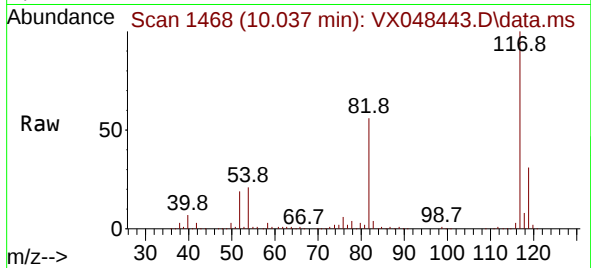
Tgt Ion: 95 Resp: 107272
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 72.7 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

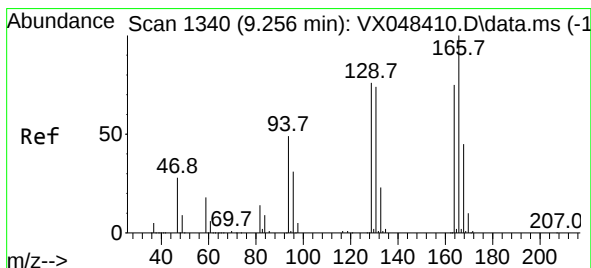
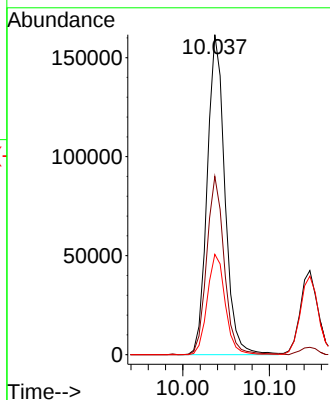
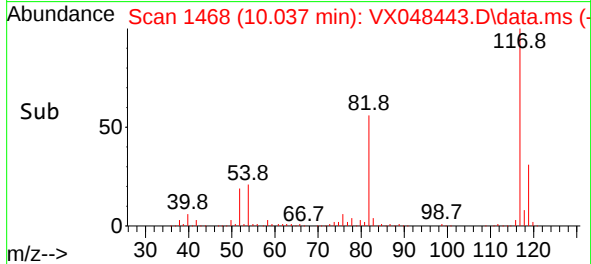
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22870
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 31.4 25.9 38.9

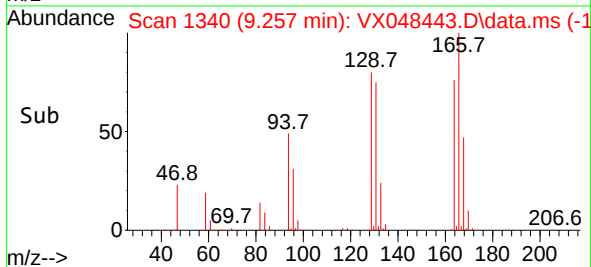
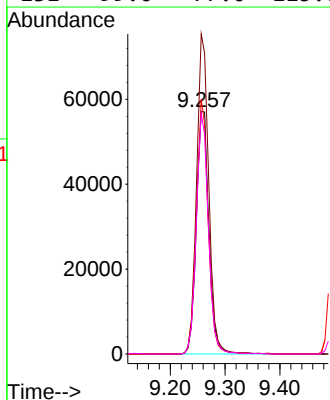
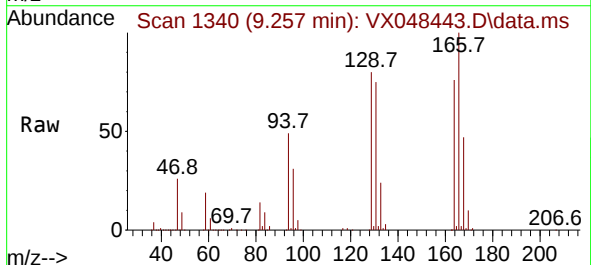
Manual Integrations
APPROVED

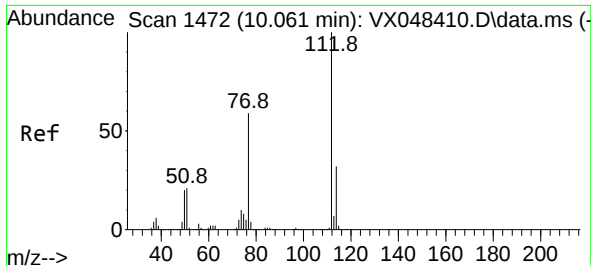
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#64
Tetrachloroethene
Concen: 49.752 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion:164 Resp: 91634
Ion Ratio Lower Upper
164 100
166 131.9 104.5 156.7
129 105.0 81.8 122.6
131 99.0 77.0 115.6





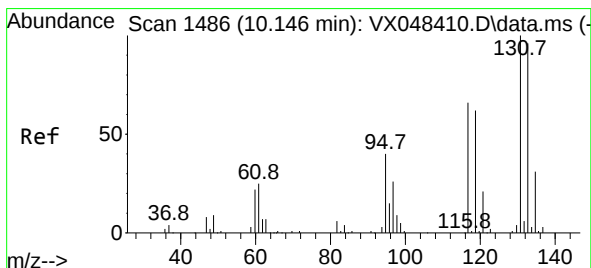
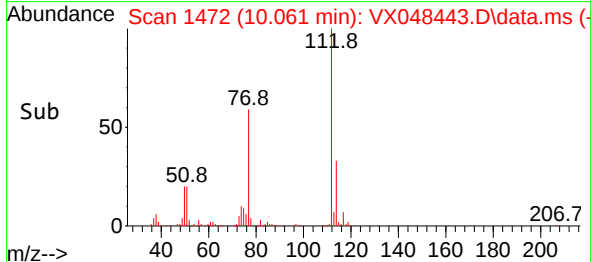
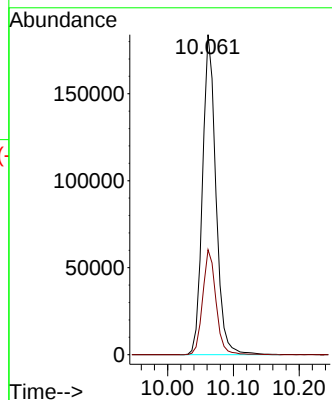
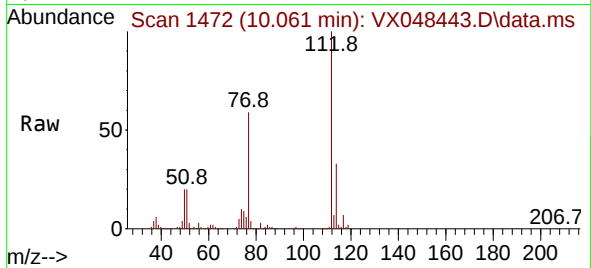
#65
Chlorobenzene
Concen: 49.378 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 26016
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

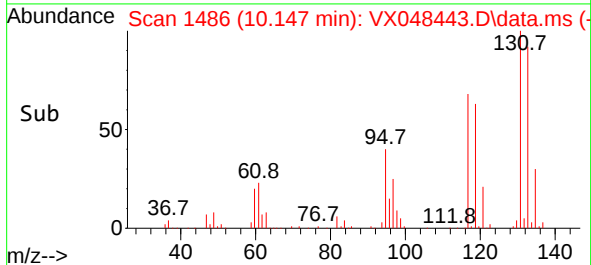
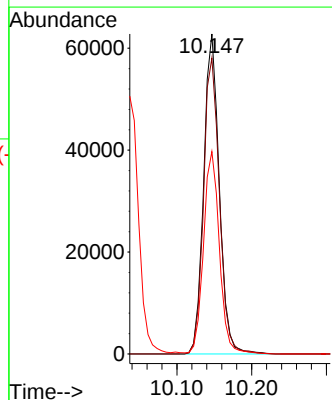
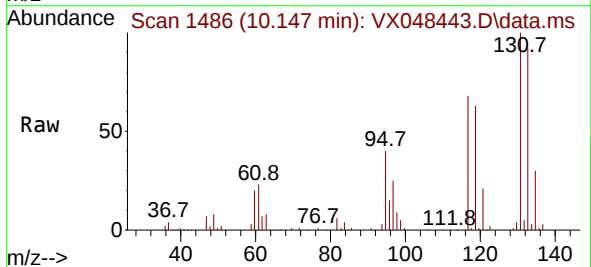
Manual Integrations
APPROVED

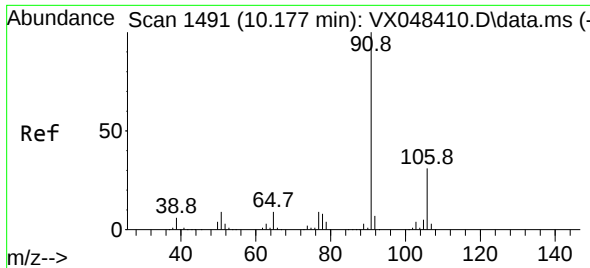
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.824 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

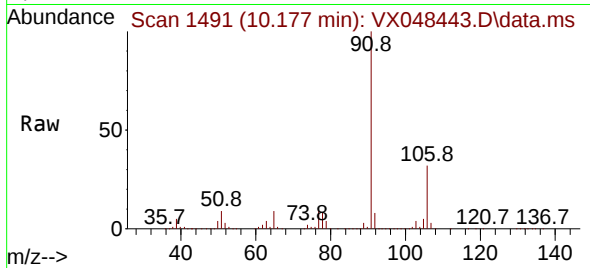
Tgt Ion:131 Resp: 91089
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 64.4 32.5 97.5





#67
Ethyl Benzene
Concen: 50.874 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

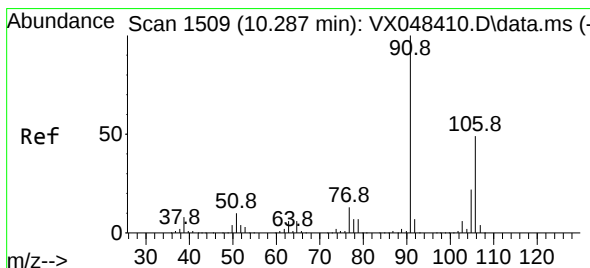
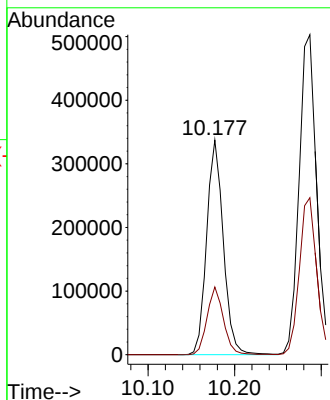
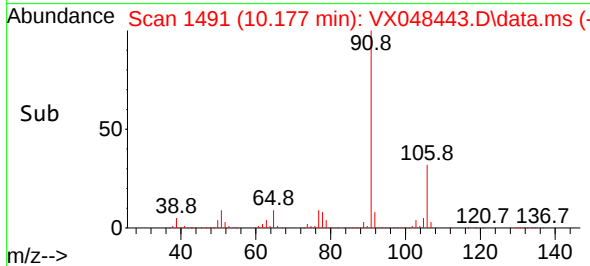
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



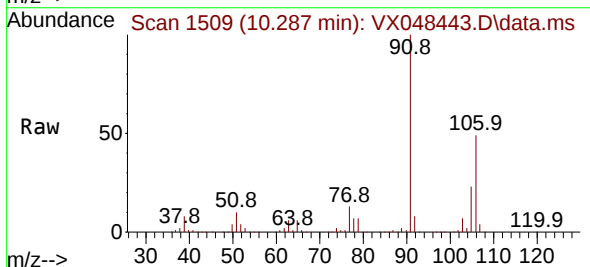
Tgt Ion: 91 Resp: 451320
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6

Manual Integrations
APPROVED

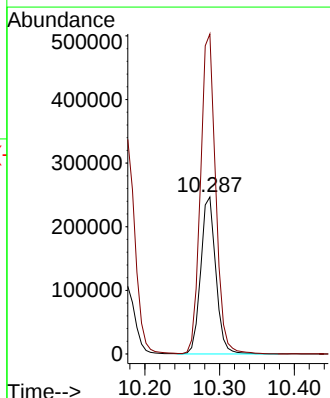
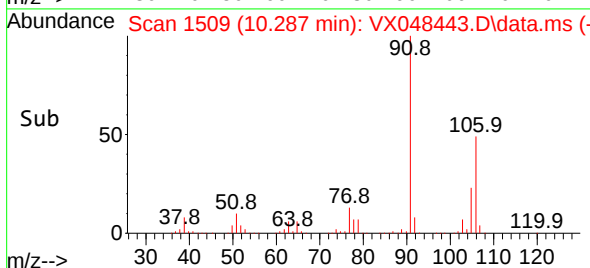
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

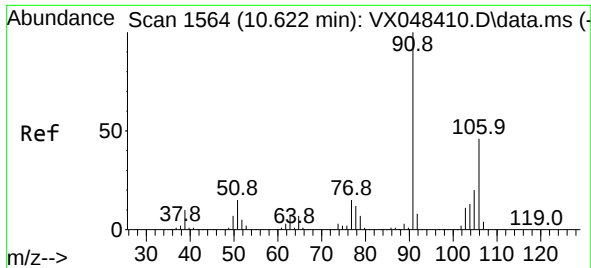


#68
m/p-Xylenes
Concen: 102.984 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



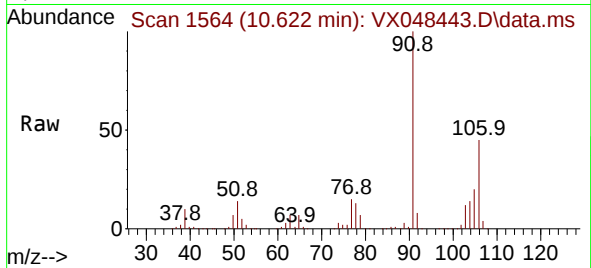
Tgt Ion:106 Resp: 345926
Ion Ratio Lower Upper
106 100
91 205.4 167.9 251.9





#69
o-Xylene
Concen: 51.887 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

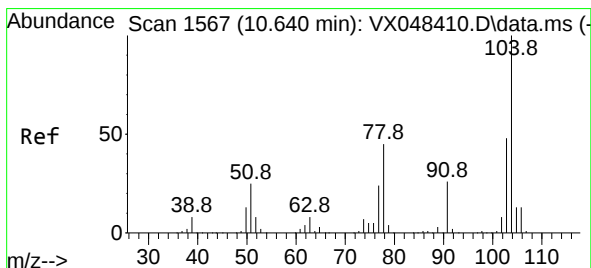
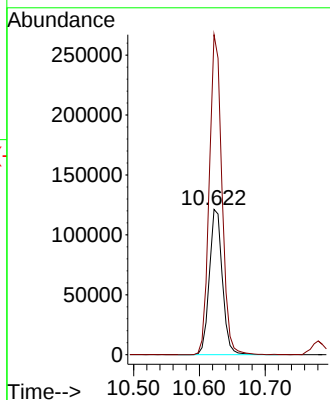
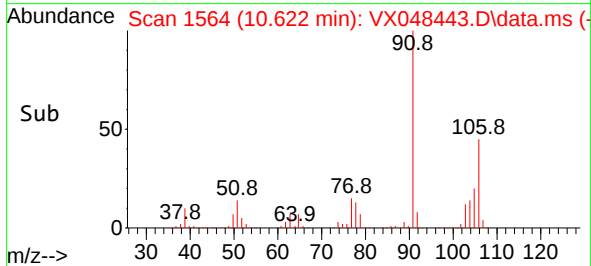
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 166552
Ion Ratio Lower Upper
106 100
91 214.0 111.3 333.9

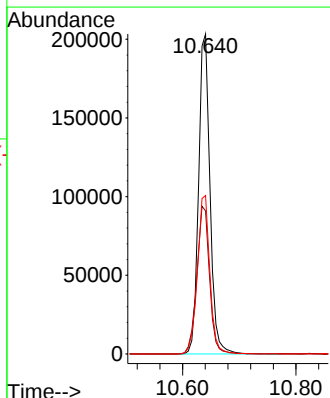
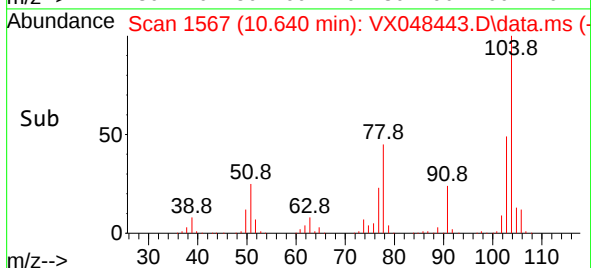
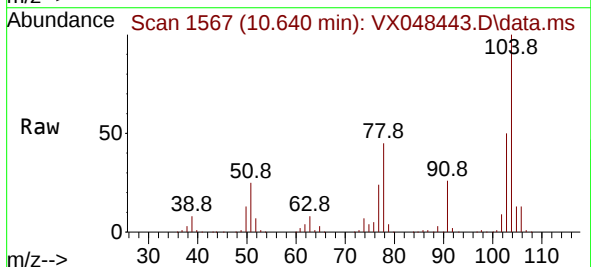
Manual Integrations
APPROVED

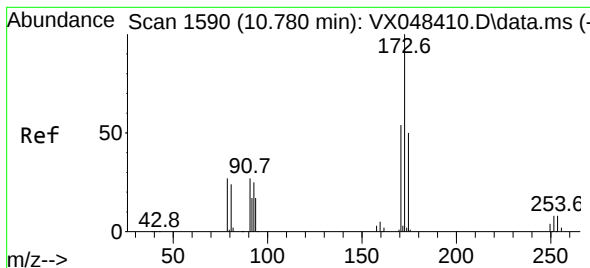
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#70
Styrene
Concen: 52.131 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

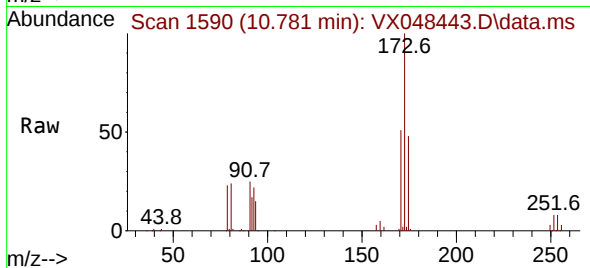
Tgt Ion:104 Resp: 283470
Ion Ratio Lower Upper
104 100
78 51.5 42.2 63.4
103 54.0 43.0 64.4





#71
Bromoform
Concen: 50.378 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

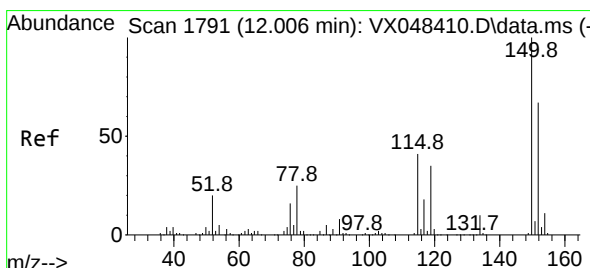
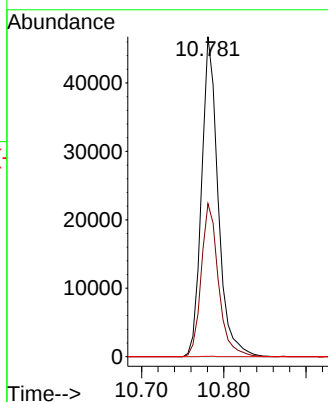
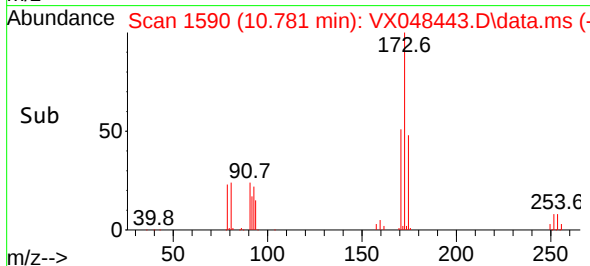
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



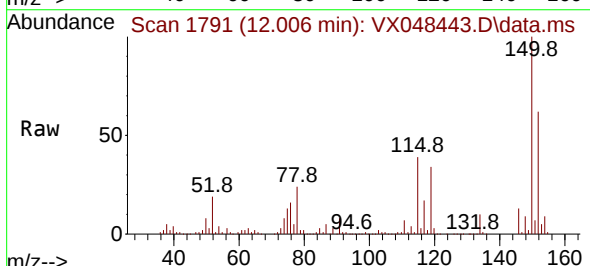
Tgt Ion:173 Resp: 65315
Ion Ratio Lower Upper
173 100
175 49.8 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

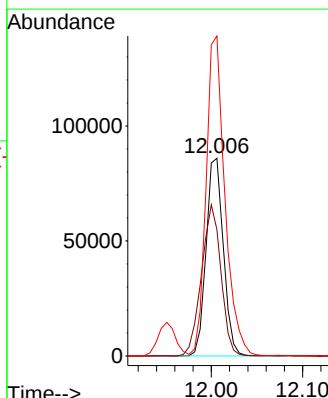
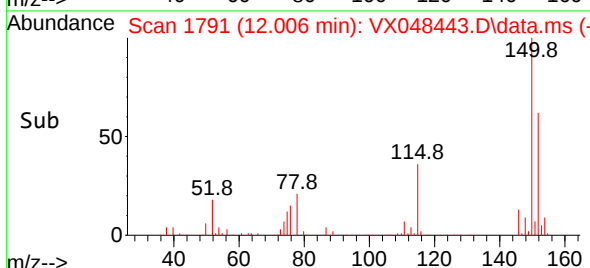
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

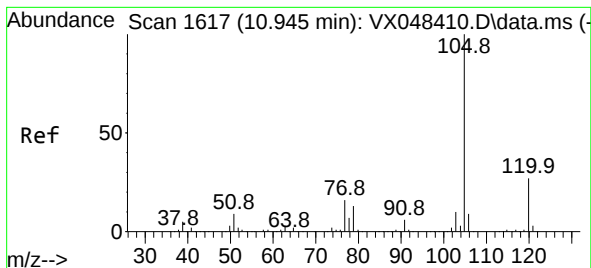


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



Tgt Ion:152 Resp: 112467
Ion Ratio Lower Upper
152 100
115 86.2 43.1 129.4
150 175.3 0.0 353.0





#73

Isopropylbenzene

Concen: 52.059 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 433058

Ion Ratio Lower Upper

105 100

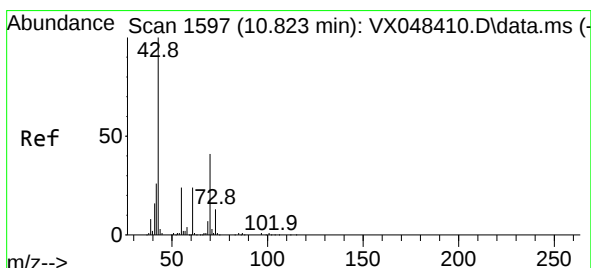
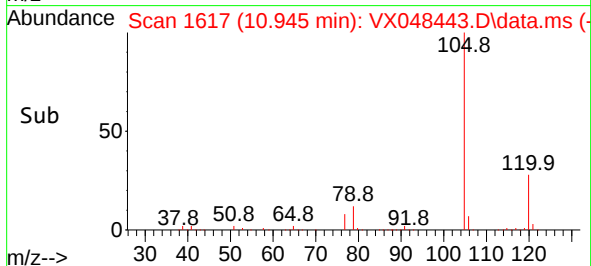
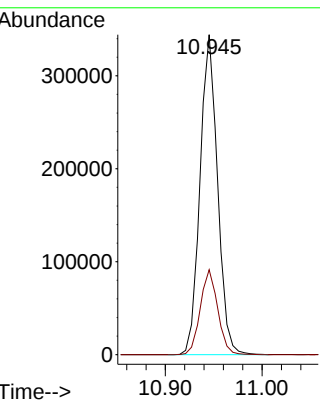
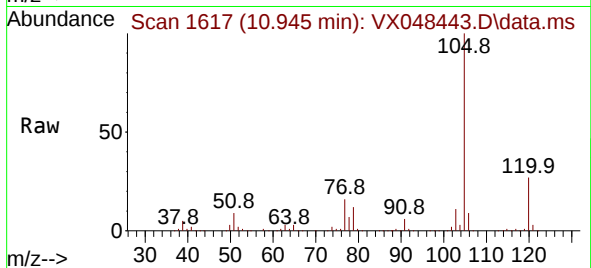
120 26.4 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#74

N-ethyl acetate

Concen: 52.134 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Tgt Ion: 43 Resp: 154711

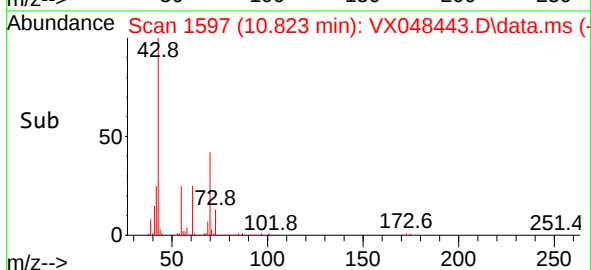
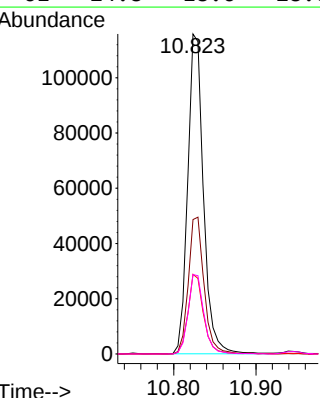
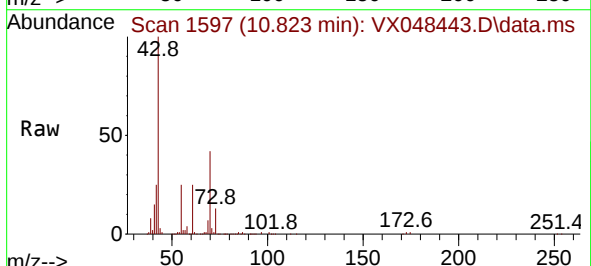
Ion Ratio Lower Upper

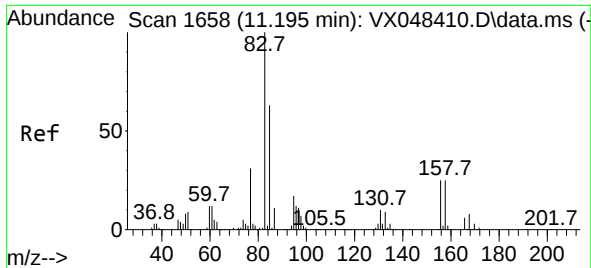
43 100

70 42.9 32.2 48.2

55 24.5 19.1 28.7

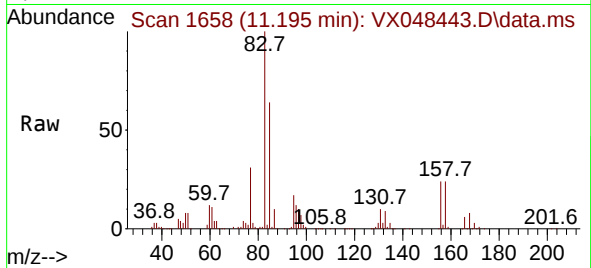
61 24.8 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 51.298 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

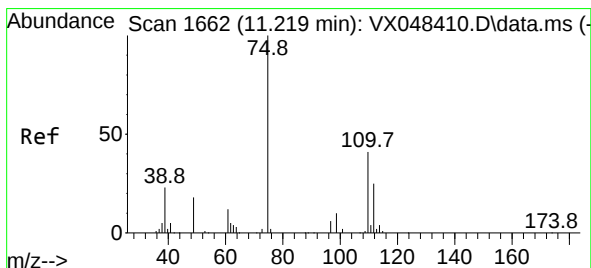
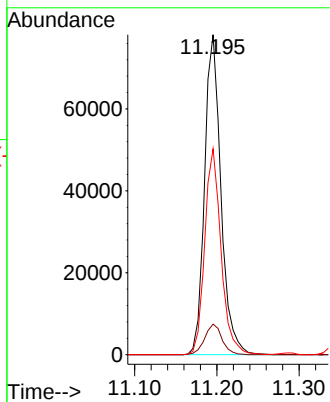
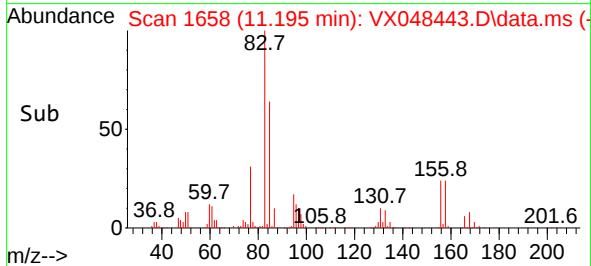
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10808
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.2 31.9 95.7

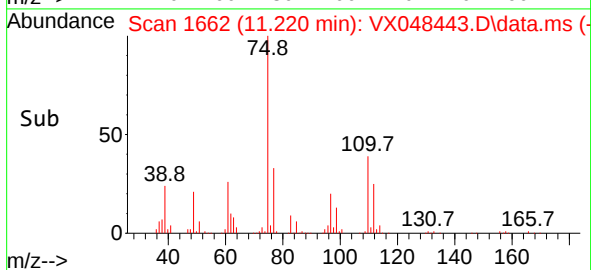
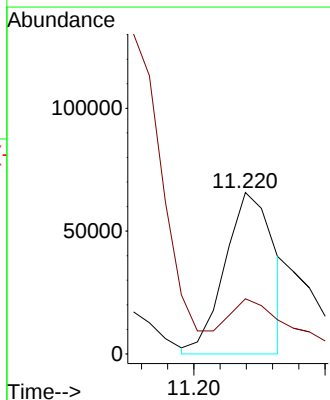
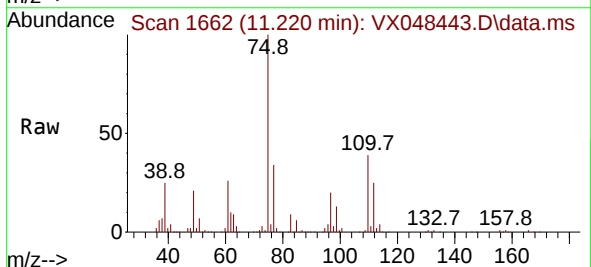
Manual Integrations
APPROVED

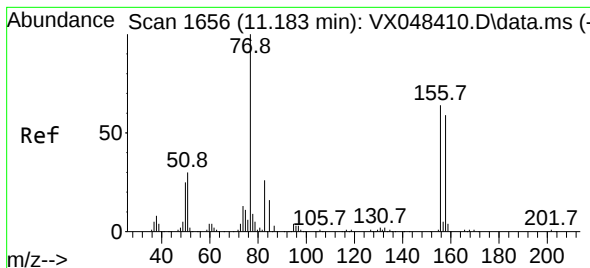
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#76
1,2,3-Trichloropropane
Concen: 52.393 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

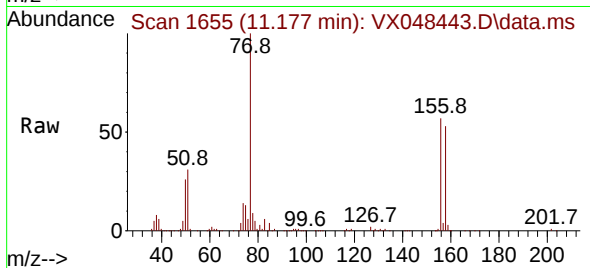
Tgt Ion: 75 Resp: 84742
Ion Ratio Lower Upper
75 100
77 42.8 22.4 67.2





#77
Bromobenzene
Concen: 49.643 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

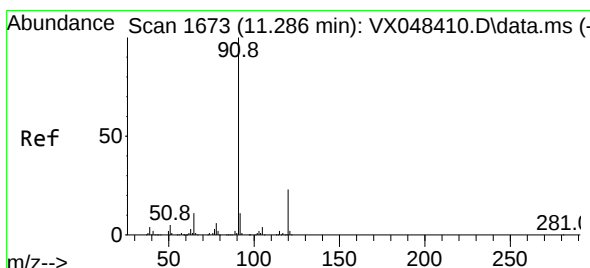
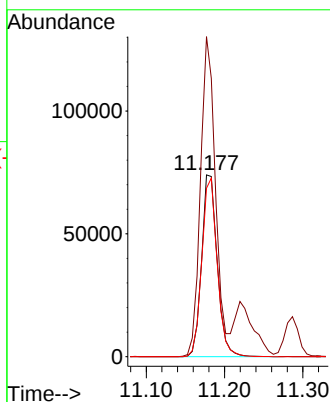
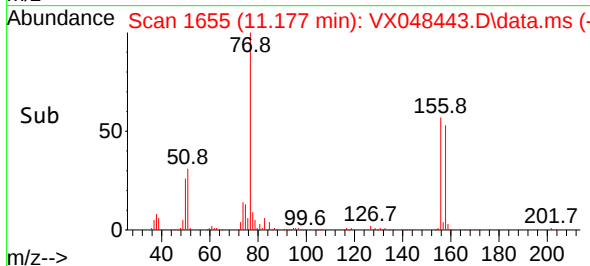
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



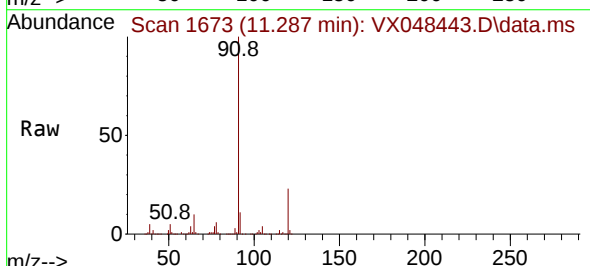
Tgt Ion:156 Resp: 102010
Ion Ratio Lower Upper
156 100
77 170.9 87.0 261.0
158 97.1 47.8 143.4

Manual Integrations
APPROVED

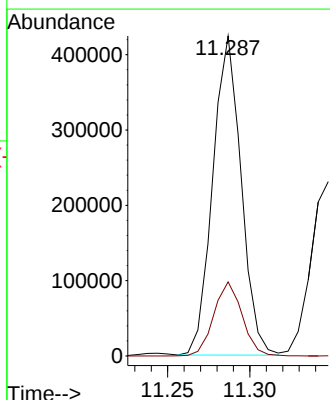
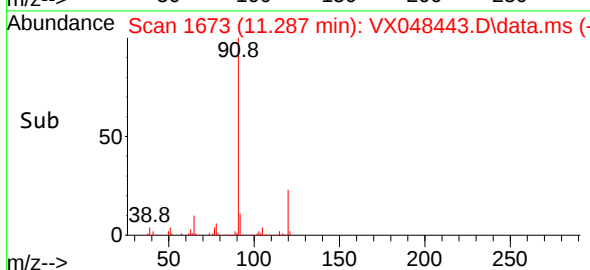
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

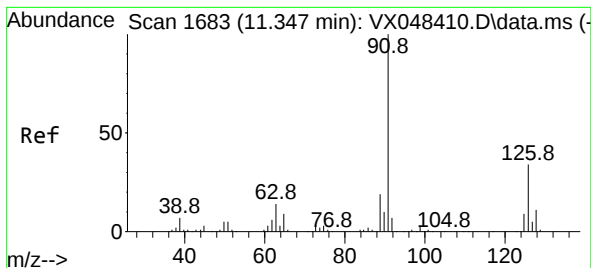


#78
n-propylbenzene
Concen: 51.694 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



Tgt Ion: 91 Resp: 508243
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.1





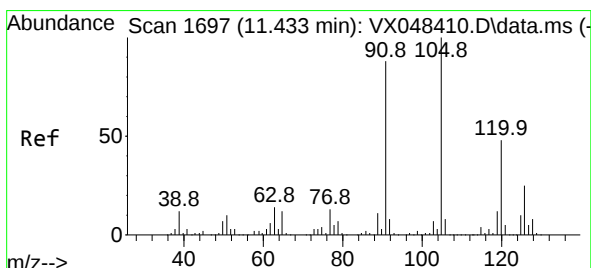
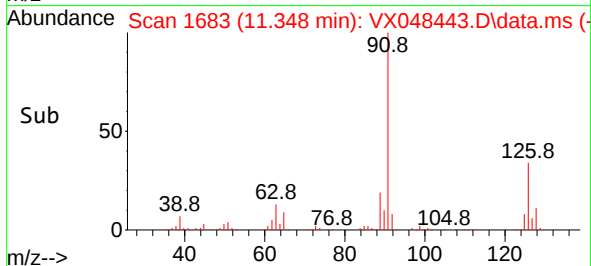
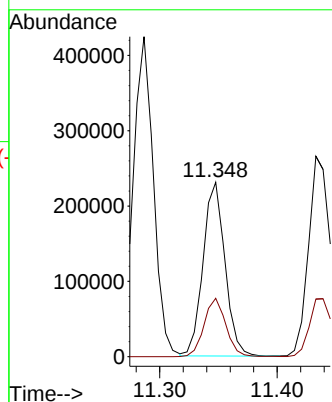
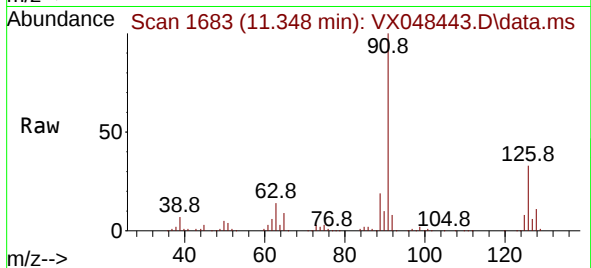
#79
2-Chlorotoluene
Concen: 50.596 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 298669
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

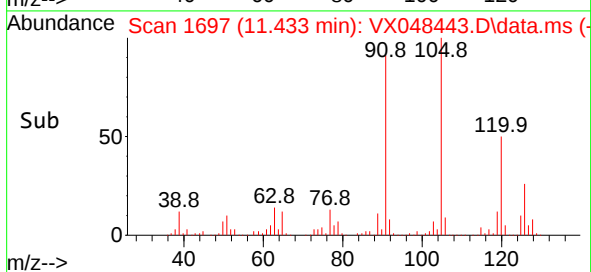
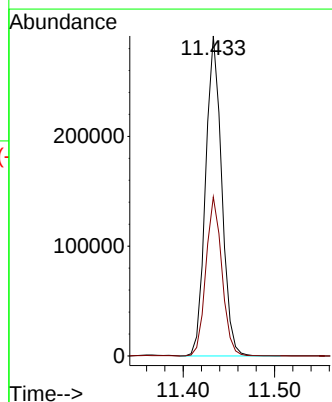
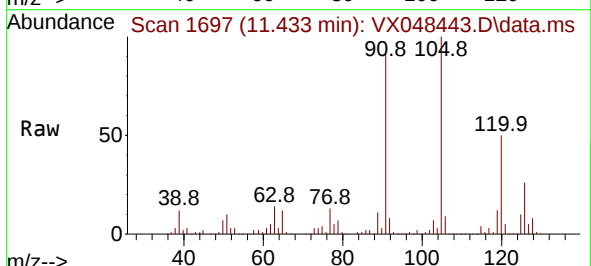
Manual Integrations
APPROVED

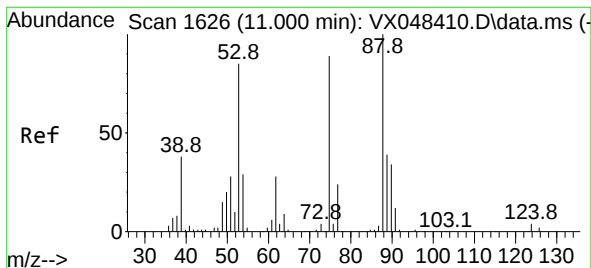
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.212 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

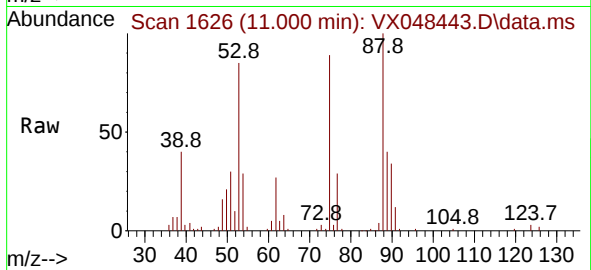
Tgt Ion:105 Resp: 356034
Ion Ratio Lower Upper
105 100
120 49.3 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.295 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

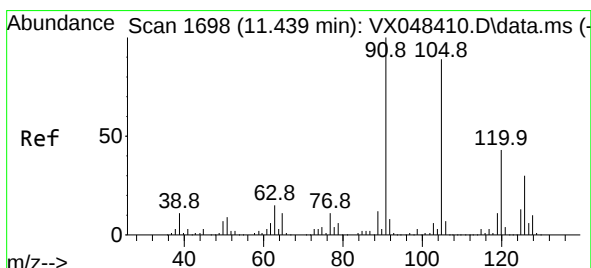
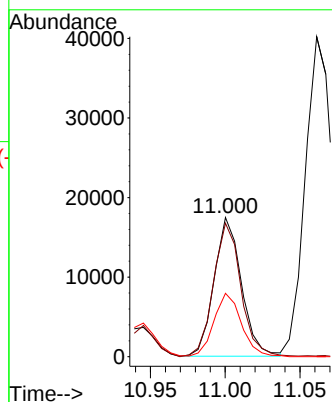
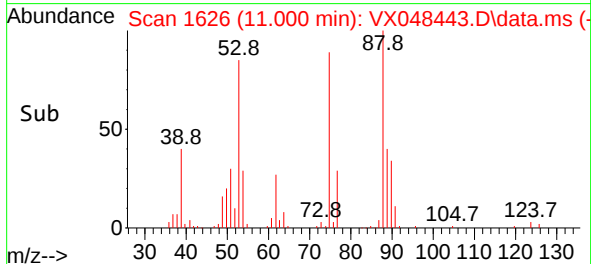
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



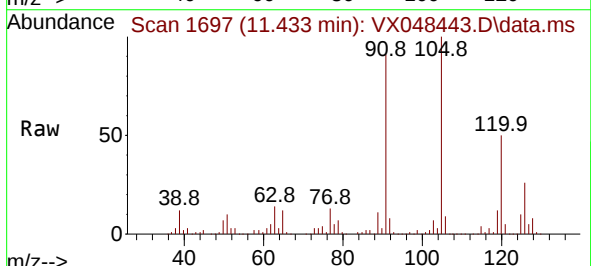
Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
53 97.2 79.5 119.3
89 46.2 36.8 55.2

Manual Integrations
APPROVED

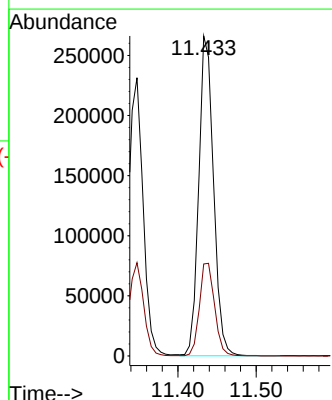
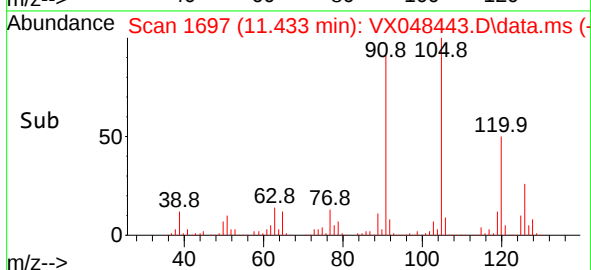
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

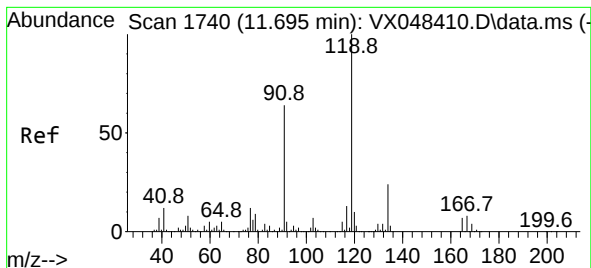


#82
4-Chlorotoluene
Concen: 50.309 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



Tgt Ion: 91 Resp: 349118
Ion Ratio Lower Upper
91 100
126 29.8 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.962 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 360720

Ion Ratio Lower Upper

119 100

91 58.6 30.3 91.0

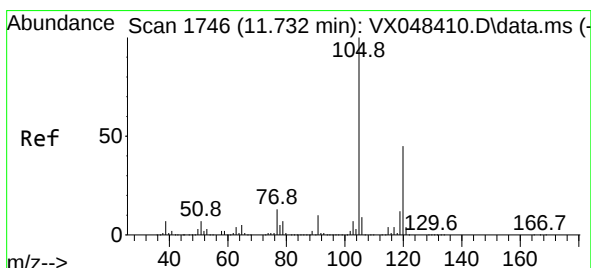
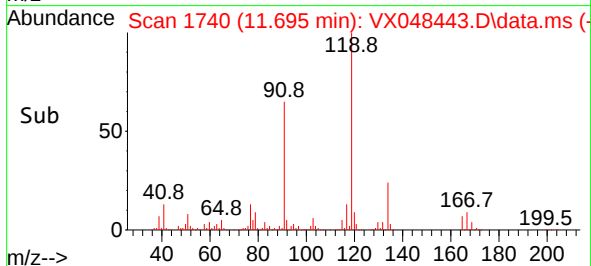
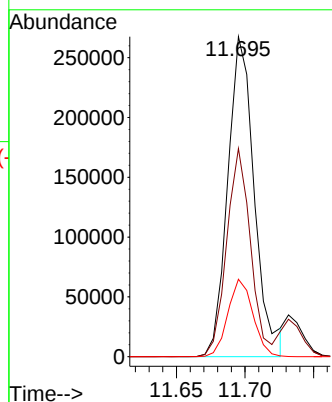
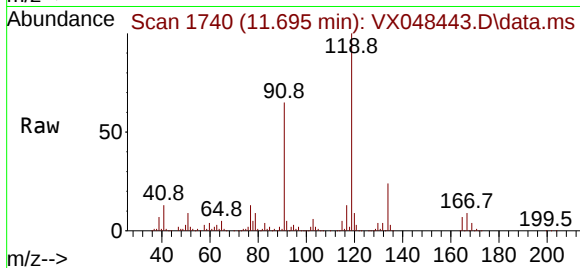
134 22.9 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.977 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048443.D

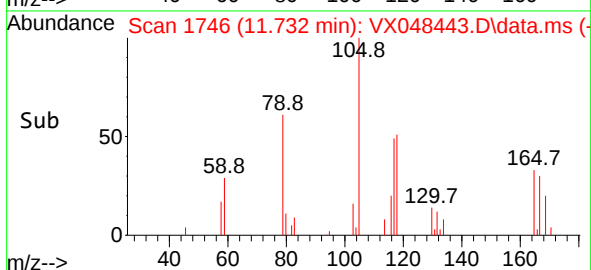
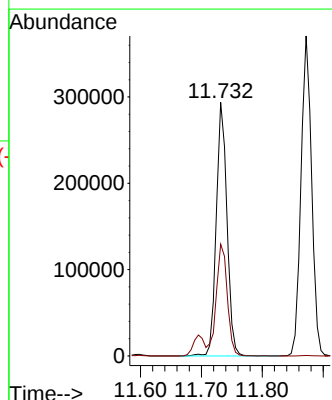
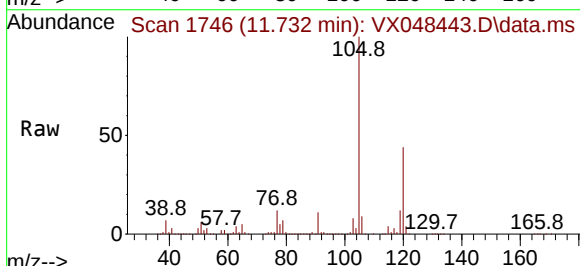
Acq: 31 Oct 2025 18:56

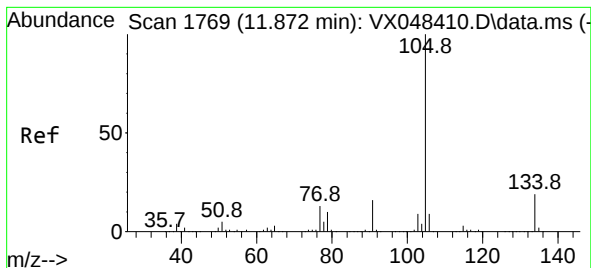
Tgt Ion:105 Resp: 357690

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.5





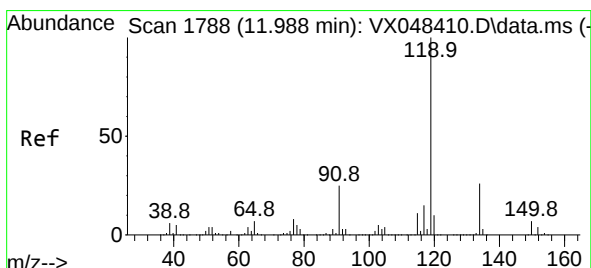
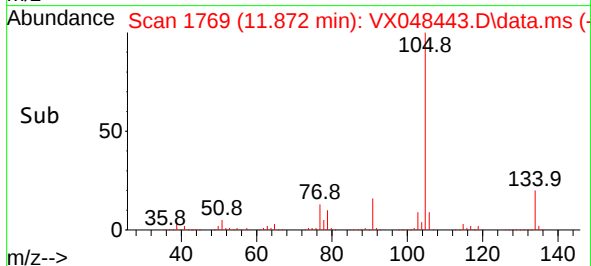
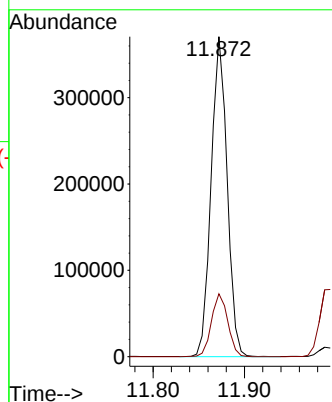
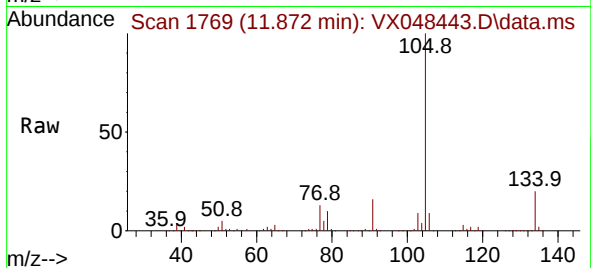
#85
 sec-Butylbenzene
 Concen: 52.000 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 449802
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

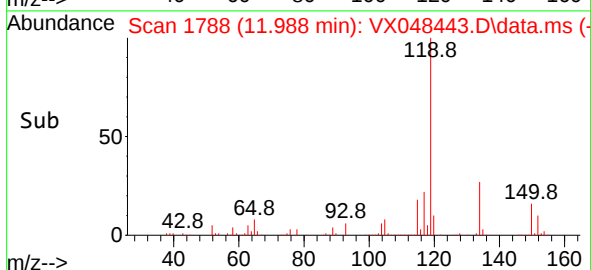
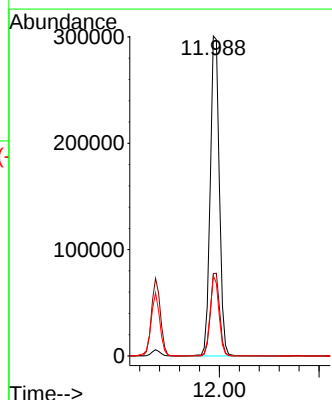
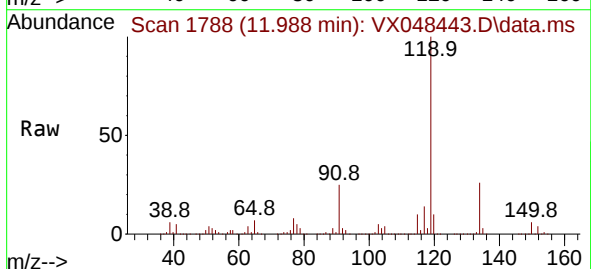
Manual Integrations
 APPROVED

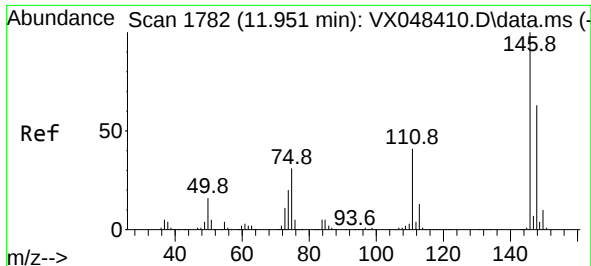
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#86
 p-Isopropyltoluene
 Concen: 52.023 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048443.D
 Acq: 31 Oct 2025 18:56

Tgt Ion:119 Resp: 380427
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.307 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 189574

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

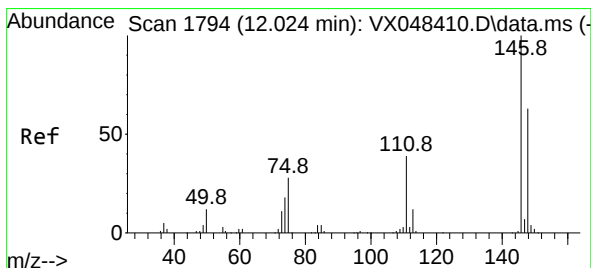
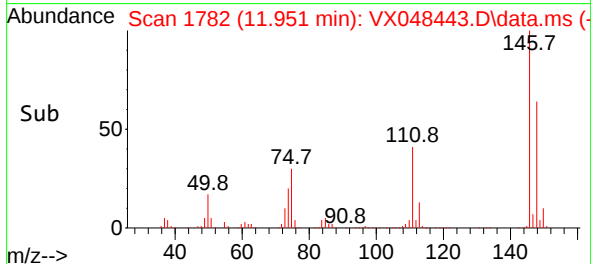
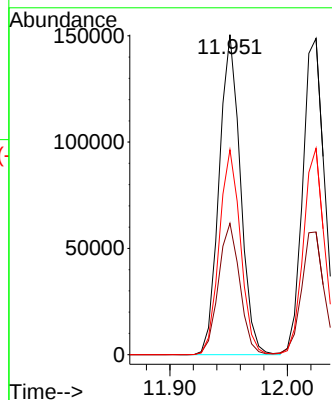
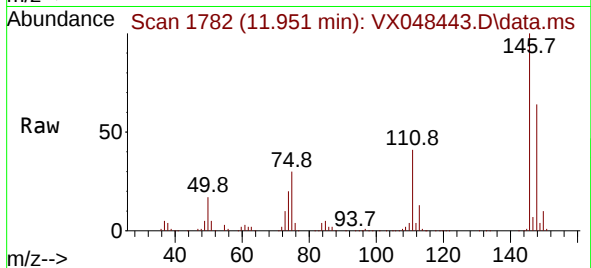
148 64.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#88

1,4-Dichlorobenzene

Concen: 48.157 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048443.D

Acq: 31 Oct 2025 18:56

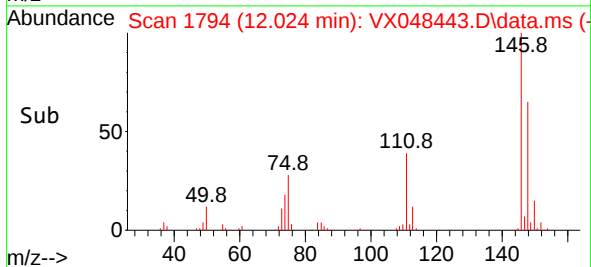
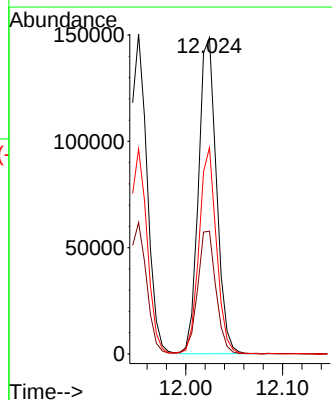
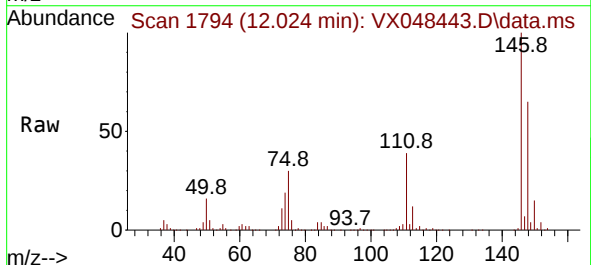
Tgt Ion:146 Resp: 192483

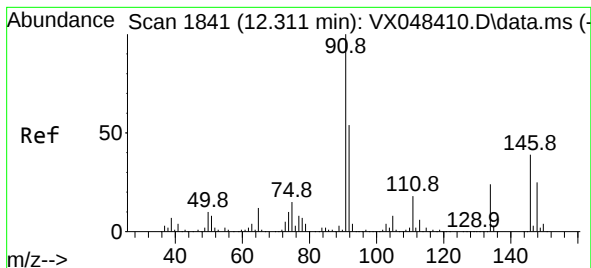
Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

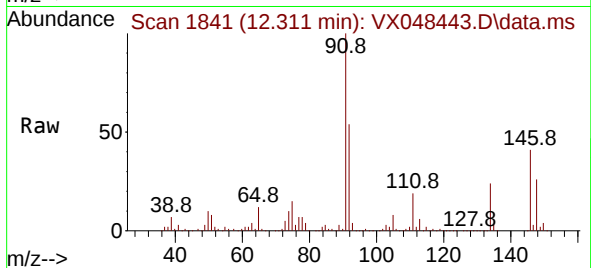
148 63.3 31.8 95.3





#89
n-Butylbenzene
Concen: 50.006 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

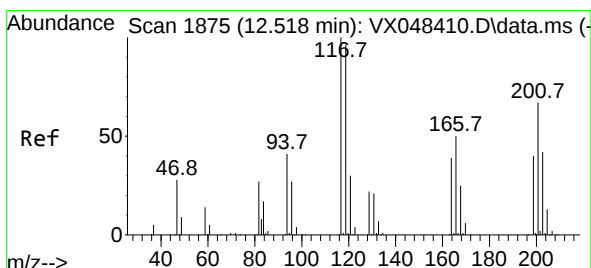
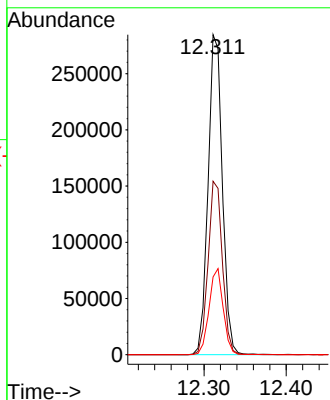
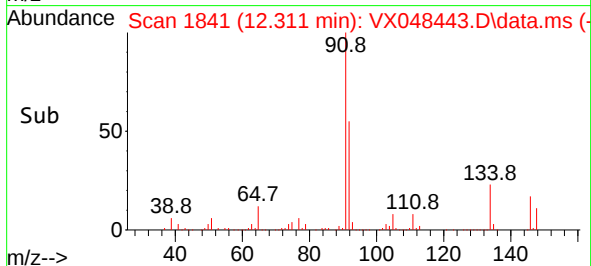
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 343338
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.6
134 26.6 12.7 38.1

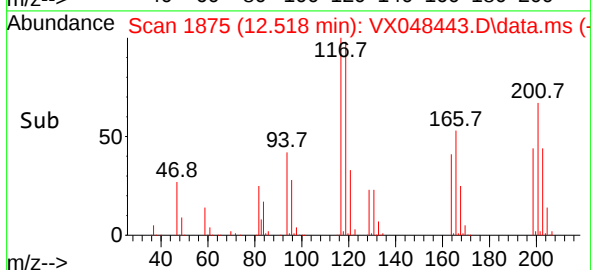
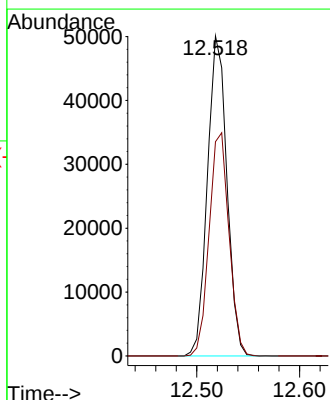
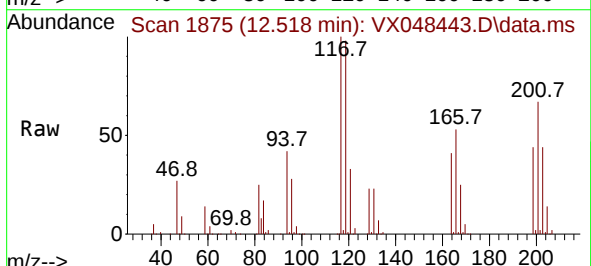
Manual Integrations
APPROVED

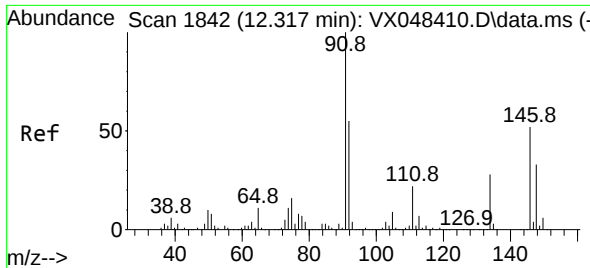
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#90
Hexachloroethane
Concen: 51.510 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

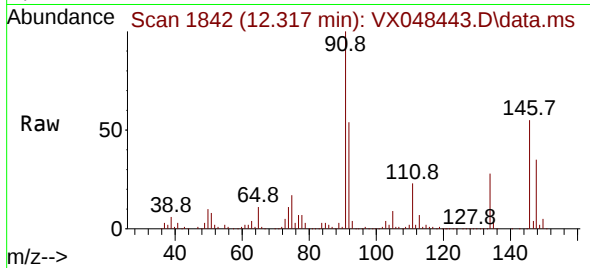
Tgt Ion:117 Resp: 66189
Ion Ratio Lower Upper
117 100
201 71.1 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 50.038 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

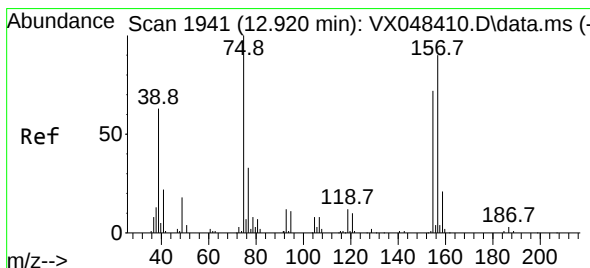
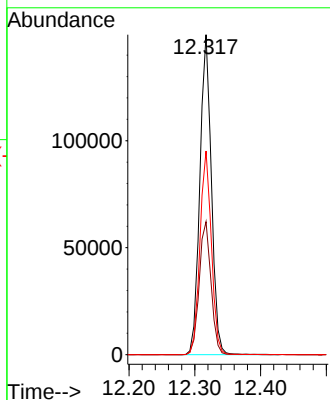
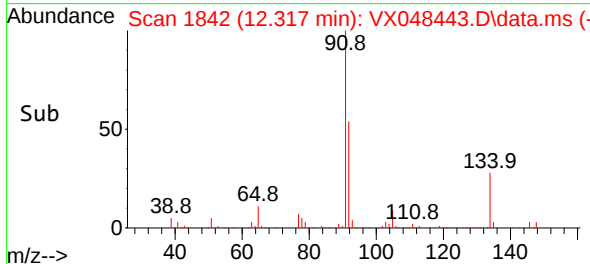
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



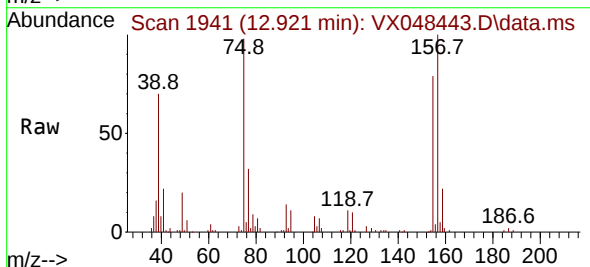
Tgt Ion:146 Resp: 181968
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.5
148 63.2 31.9 95.5

Manual Integrations
APPROVED

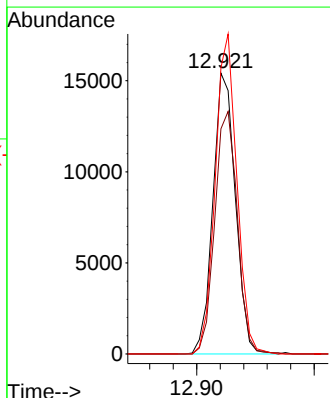
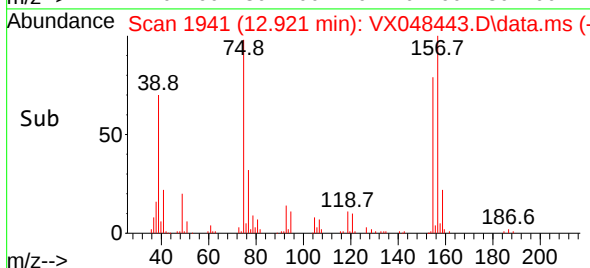
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

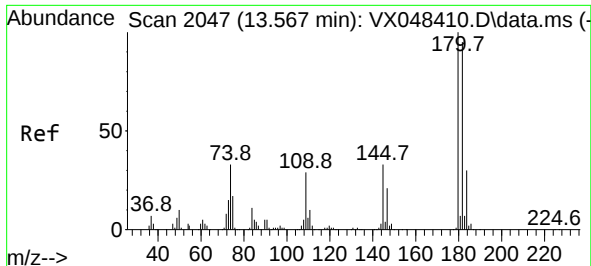


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.641 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



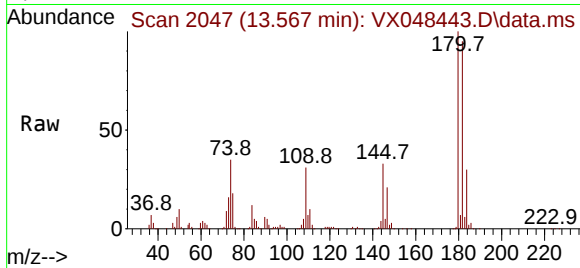
Tgt Ion: 75 Resp: 20482
Ion Ratio Lower Upper
75 100
155 86.6 42.8 128.4
157 109.7 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 48.906 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

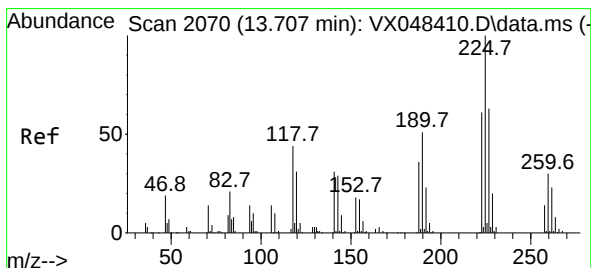
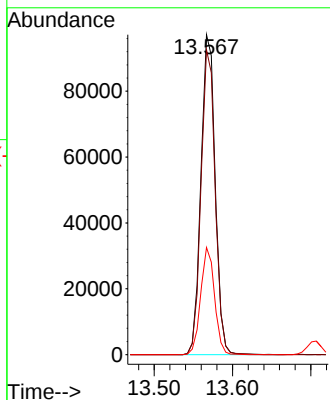
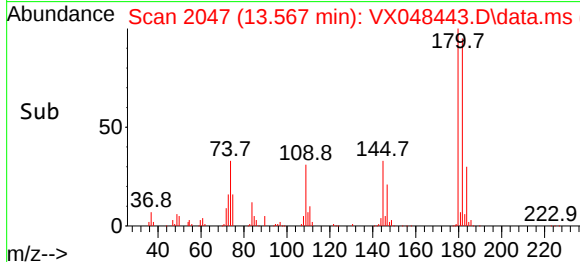
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



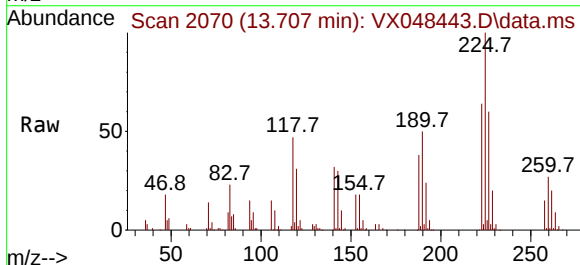
Tgt Ion:180 Resp: 122725
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 32.6 16.3 48.9

Manual Integrations
APPROVED

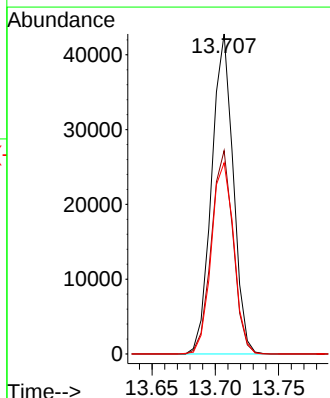
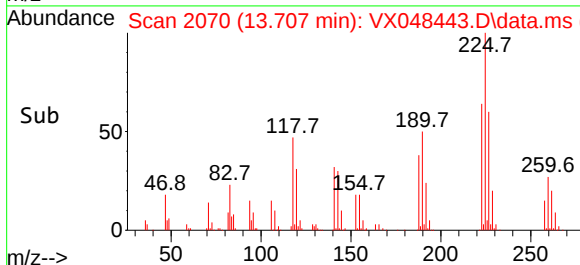
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

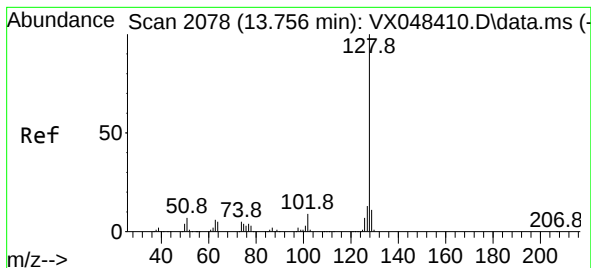


#94
Hexachlorobutadiene
Concen: 48.116 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56



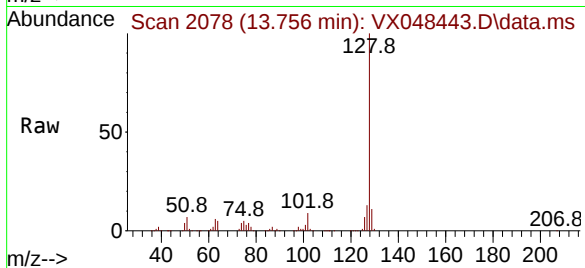
Tgt Ion:225 Resp: 50648
Ion Ratio Lower Upper
225 100
223 64.1 32.6 97.7
227 62.2 32.5 97.4





#95
Naphthalene
Concen: 52.121 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

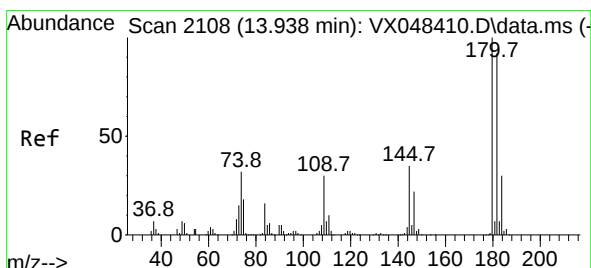
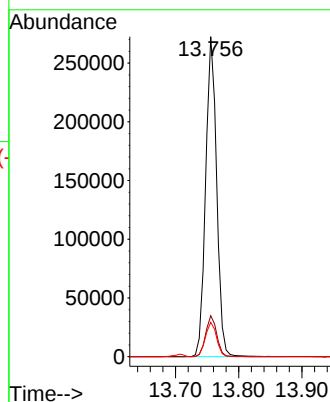
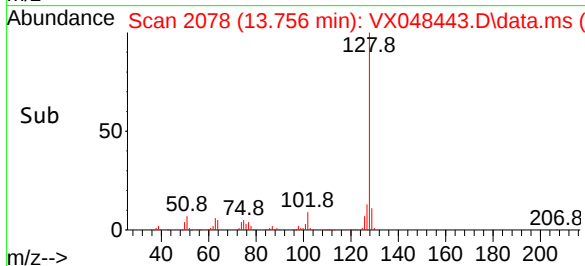
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 330328
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.607 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048443.D
Acq: 31 Oct 2025 18:56

Tgt Ion:180 Resp: 113073
Ion Ratio Lower Upper
180 100
182 97.3 46.6 139.7
145 35.1 16.9 50.7

