

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048278.D
 Acq On : 21 Oct 2025 18:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:30:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	183155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86809	56.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.300%			
35) Dibromofluoromethane	5.373	113	66021	52.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.635	98	226656	51.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.440%			
62) 4-Bromofluorobenzene	11.061	95	100241	60.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	51728	45.636	ug/l	96
3) Chloromethane	1.300	50	43511	41.125	ug/l	100
4) Vinyl Chloride	1.380	62	40381	41.217	ug/l	100
5) Bromomethane	1.617	94	28469	42.818	ug/l	97
6) Chloroethane	1.697	64	25432	44.175	ug/l	92
7) Trichlorofluoromethane	1.898	101	88297	46.992	ug/l	98
8) Diethyl Ether	2.136	74	24255	45.877	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.337	101	52798	44.374	ug/l	95
10) Methyl Iodide	2.459	142	76908	51.416	ug/l	98
11) Tert butyl alcohol	2.940	59	31351	204.253	ug/l	98
12) 1,1-Dichloroethene	2.325	96	53980	46.632	ug/l	96
13) Acrolein	2.239	56	42126	269.101	ug/l	100
14) Allyl chloride	2.666	41	86002	44.749	ug/l	93
15) Acrylonitrile	3.056	53	127802	230.910	ug/l	100
16) Acetone	2.373	43	101775	191.905	ug/l	97
17) Carbon Disulfide	2.514	76	151626	41.561	ug/l	99
18) Methyl Acetate	2.703	43	49775	44.941	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	192863	48.837	ug/l	96
20) Methylene Chloride	2.788	84	62187	48.124	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	59217	46.571	ug/l	100
22) Diisopropyl ether	3.751	45	183332	47.827	ug/l #	88
23) Vinyl Acetate	3.715	43	742546	242.501	ug/l	96
24) 1,1-Dichloroethane	3.611	63	108877	46.973	ug/l	99
25) 2-Butanone	4.538	43	144575	215.374	ug/l	96
26) 2,2-Dichloropropane	4.465	77	93655	44.766	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	71911	48.458	ug/l	97
28) Bromochloromethane	4.891	49	45824	47.680	ug/l #	81
29) Tetrahydrofuran	4.989	42	87839	218.490	ug/l	89
30) Chloroform	5.086	83	121680	49.137	ug/l	98
31) Cyclohexane	5.464	56	84891	44.238	ug/l #	86
32) 1,1,1-Trichloroethane	5.373	97	111254	48.747	ug/l	98
36) 1,1-Dichloropropene	5.678	75	80634	45.371	ug/l	98
37) Ethyl Acetate	4.702	43	63123	42.851	ug/l	97
38) Carbon Tetrachloride	5.666	117	100140	45.671	ug/l	99
39) Methylcyclohexane	7.366	83	89560	42.670	ug/l	96
40) Benzene	6.025	78	235395	45.621	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	35543	45.945	ug/l	96
42) 1,2-Dichloroethane	6.074	62	95021	49.906	ug/l	100
43) Isopropyl Acetate	6.324	43	109791	45.374	ug/l	96
44) Trichloroethene	7.110	130	63675	46.735	ug/l	93
45) 1,2-Dichloropropane	7.415	63	57013	46.474	ug/l	95
46) Dibromomethane	7.568	93	45069	47.155	ug/l	93
47) Bromodichloromethane	7.805	83	99888	48.404	ug/l	96
48) Methyl methacrylate	7.677	41	56463	46.243	ug/l	94
49) 1,4-Dioxane	7.647	88	14536	901.119	ug/l	89
51) 4-Methyl-2-Pentanone	8.555	43	317029	227.242	ug/l	94
52) Toluene	8.702	92	157443	48.031	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	98842	49.703	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	102835	47.929	ug/l	93
55) 1,1,2-Trichloroethane	9.134	97	59379	48.711	ug/l	96
56) Ethyl methacrylate	9.104	69	87411	49.025	ug/l	95
57) 1,3-Dichloropropane	9.293	76	102643	49.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	230656	240.651	ug/l	94
59) 2-Hexanone	9.415	43	223051	229.287	ug/l	95
60) Dibromochloromethane	9.506	129	80763	49.293	ug/l	99
61) 1,2-Dibromoethane	9.592	107	63070	48.532	ug/l	98
64) Tetrachloroethene	9.256	164	56206	42.374	ug/l	98
65) Chlorobenzene	10.061	112	182408	45.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	67128	45.726	ug/l	98
67) Ethyl Benzene	10.177	91	308525	45.338	ug/l	98
68) m/p-Xylenes	10.287	106	235258	93.046	ug/l	100
69) o-Xylene	10.628	106	114670	46.976	ug/l	99
70) Styrene	10.640	104	200106	48.144	ug/l	99
71) Bromoform	10.780	173	53984	46.009	ug/l #	100
73) Isopropylbenzene	10.945	105	311296	41.323	ug/l	99
74) N-amyl acetate	10.823	43	107536	40.243	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	86911	42.247	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	79495m	47.529	ug/l	
77) Bromobenzene	11.183	156	80549	42.643	ug/l	94
78) n-propylbenzene	11.286	91	365847	41.944	ug/l	98
79) 2-Chlorotoluene	11.347	91	220518	41.700	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	264110	42.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	27633	40.195	ug/l	99
82) 4-Chlorotoluene	11.433	91	265279	42.258	ug/l	98
83) tert-Butylbenzene	11.695	119	269712	42.107	ug/l	96
84) 1,2,4-Trimethylbenzene	11.732	105	264898	42.577	ug/l	100
85) sec-Butylbenzene	11.872	105	314902	40.863	ug/l	99
86) p-Isopropyltoluene	11.988	119	272639	40.931	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	145669	40.908	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	148555	40.270	ug/l	100
89) n-Butylbenzene	12.311	91	236982	39.088	ug/l	99
90) Hexachloroethane	12.518	117	50186	38.153	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	140638	42.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17092	40.930	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	87024	38.490	ug/l	99
94) Hexachlorobutadiene	13.707	225	32660	38.565	ug/l	97
95) Naphthalene	13.756	128	250514	41.822	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	83499	40.246	ug/l	98

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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

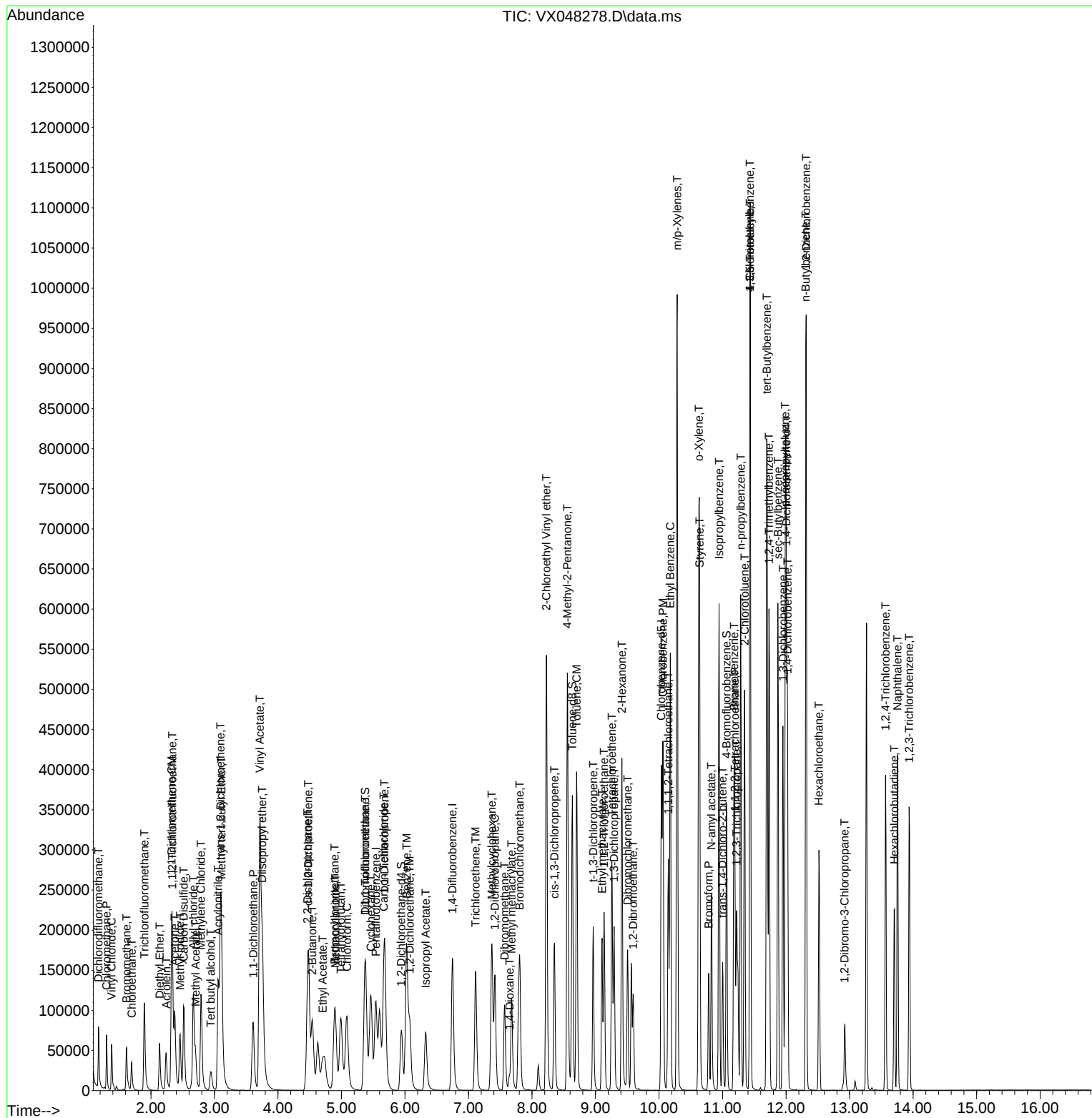
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Manual Integrations APPROVED

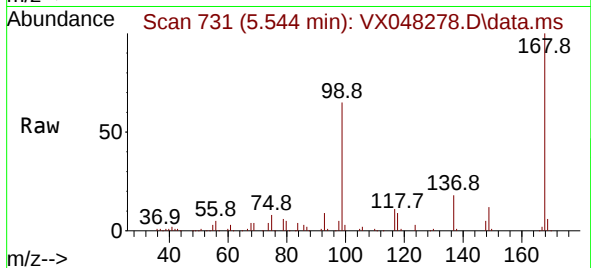
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048278.D
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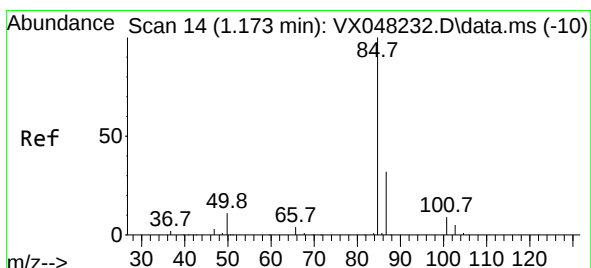
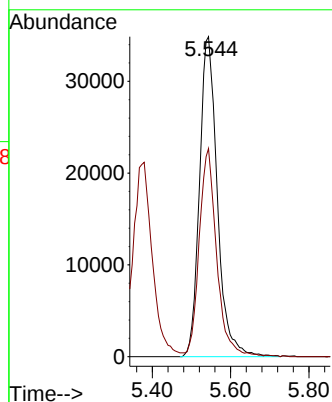
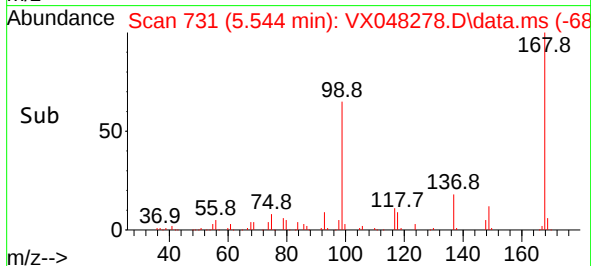
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Tgt Ion:168 Resp: 110260
Ion Ratio Lower Upper
168 100
99 65.1 46.4 69.6

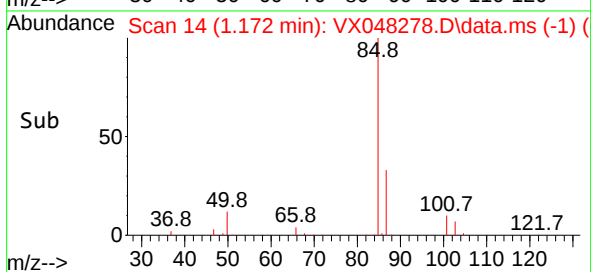
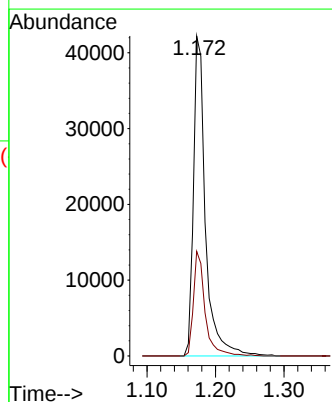
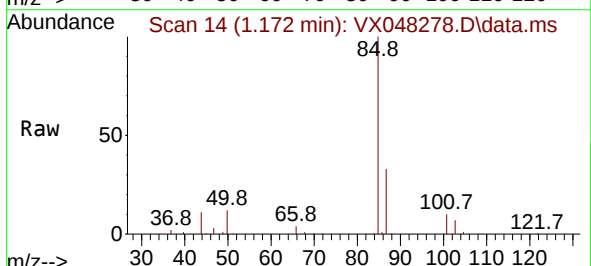
Manual Integrations
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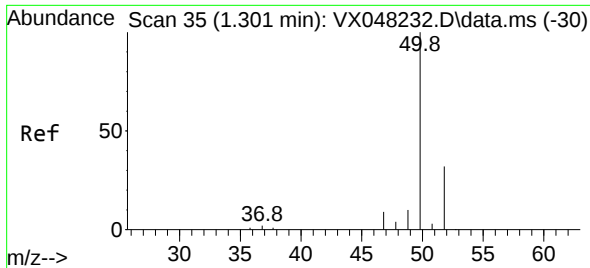
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 45.636 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

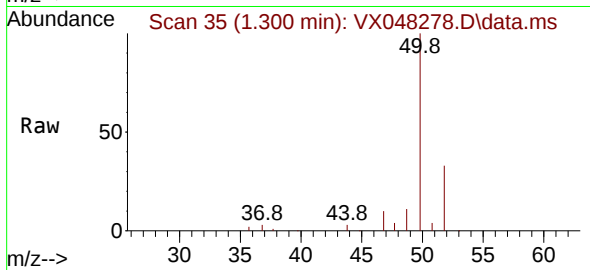
Tgt Ion: 85 Resp: 51728
Ion Ratio Lower Upper
85 100
87 32.7 15.3 45.9





#3
Chloromethane
Concen: 41.125 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

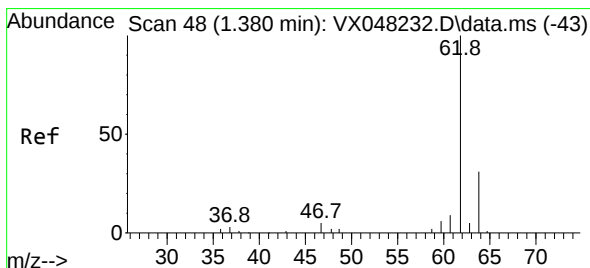
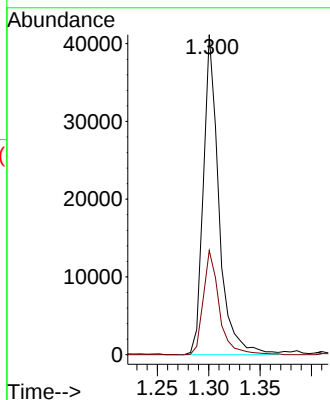
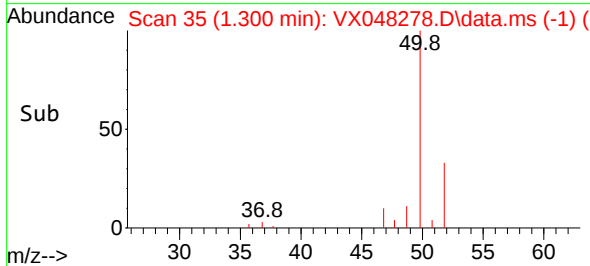
Instrument :
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ClientSampleId :
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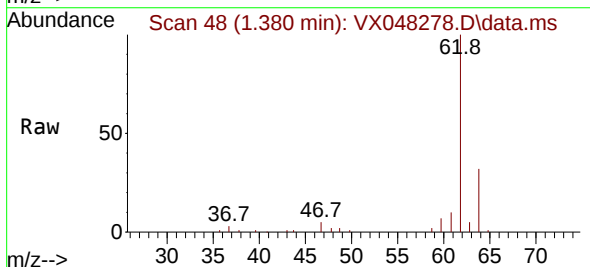
Tgt Ion: 50 Resp: 4351
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

Manual Integrations
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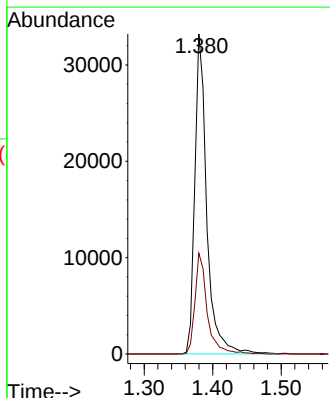
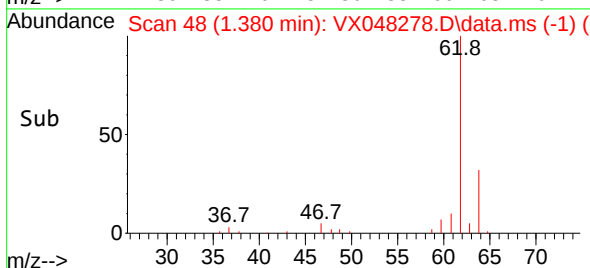
Reviewed By :John Carlone 10/24/2025
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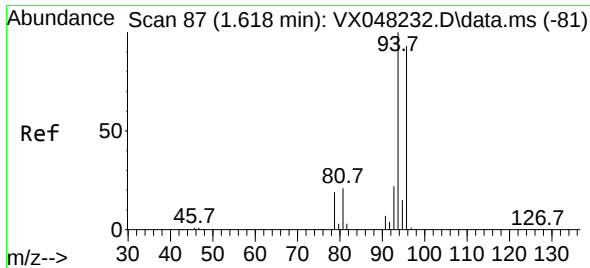


#4
Vinyl Chloride
Concen: 41.217 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



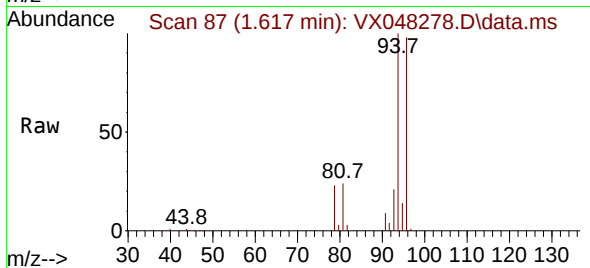
Tgt Ion: 62 Resp: 40381
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5
Bromomethane
Concen: 42.818 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

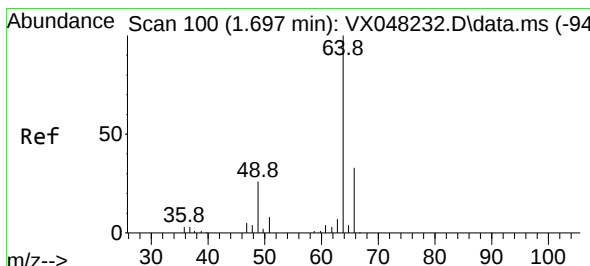
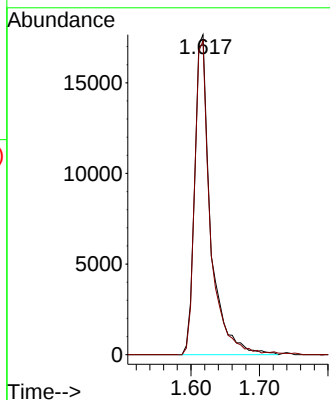
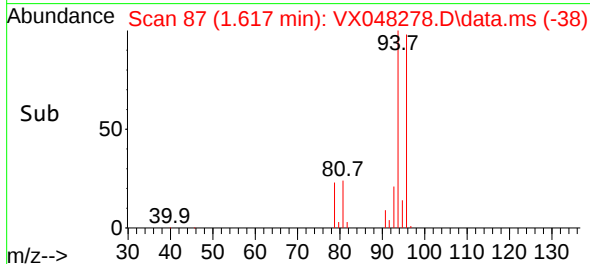
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Tgt Ion: 94 Resp: 28469
Ion Ratio Lower Upper
94 100
96 98.1 76.0 114.0

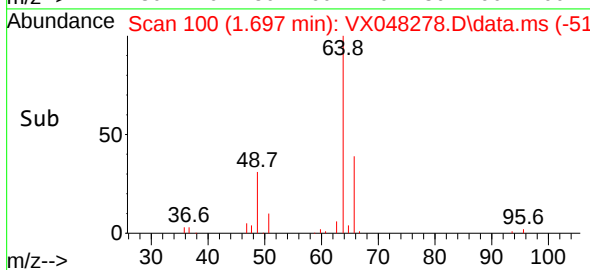
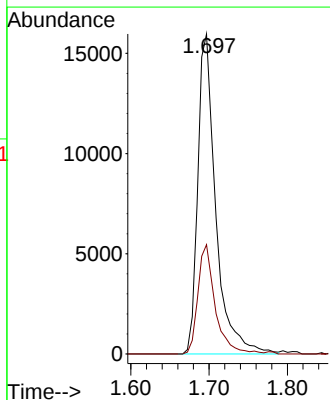
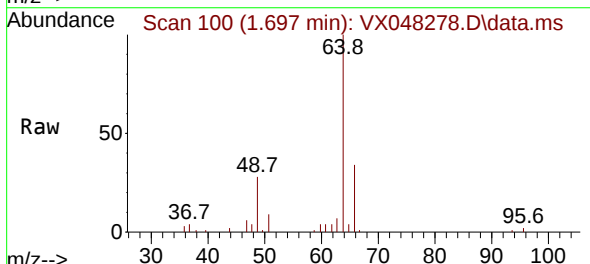
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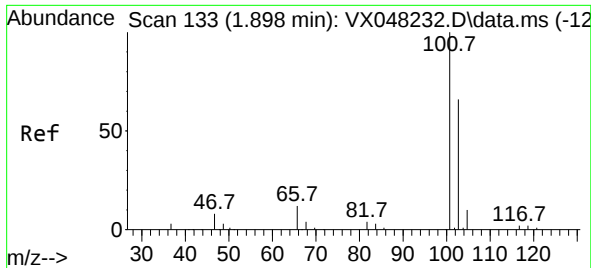
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 44.175 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048278.D
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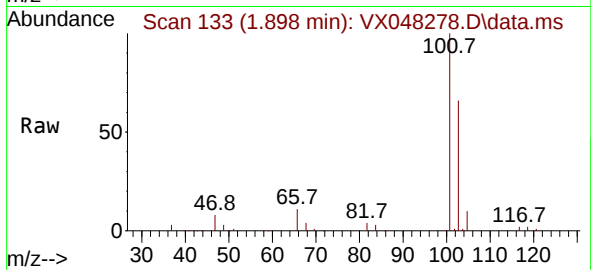
Tgt Ion: 64 Resp: 25432
Ion Ratio Lower Upper
64 100
66 34.2 23.9 35.9





#7
Trichlorofluoromethane
Concen: 46.992 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

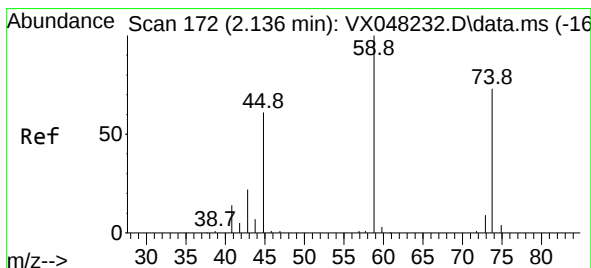
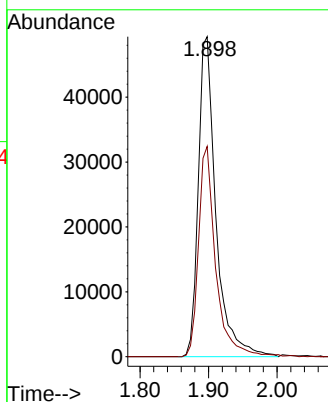
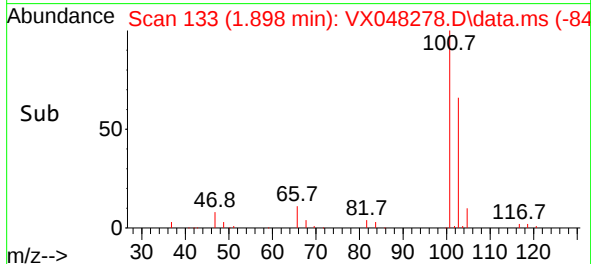
Instrument :
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Tgt Ion:101 Resp: 8829
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

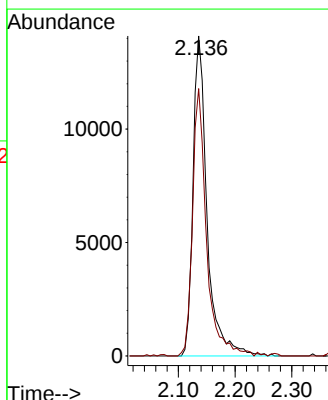
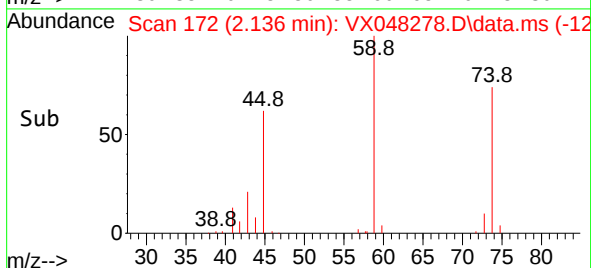
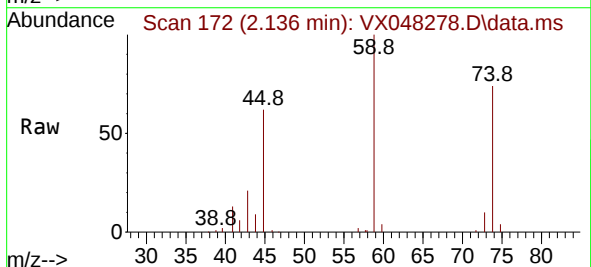
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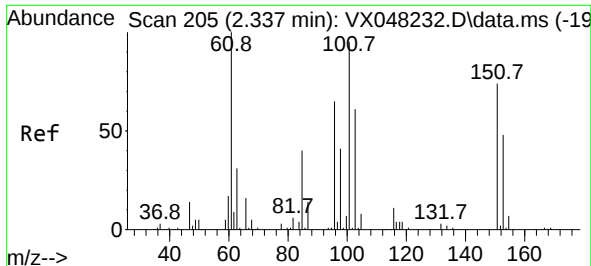
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 45.877 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048278.D
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Tgt Ion: 74 Resp: 24255
Ion Ratio Lower Upper
74 100
45 83.2 50.0 149.8





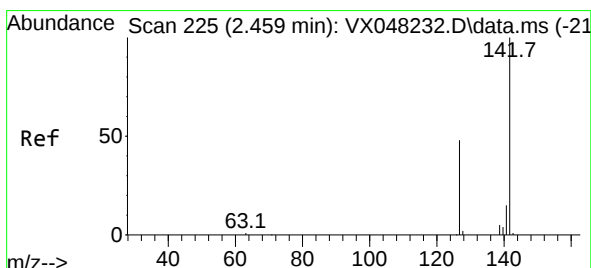
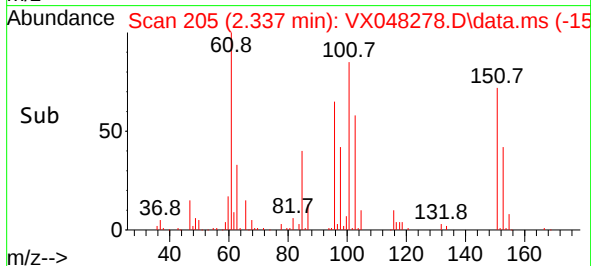
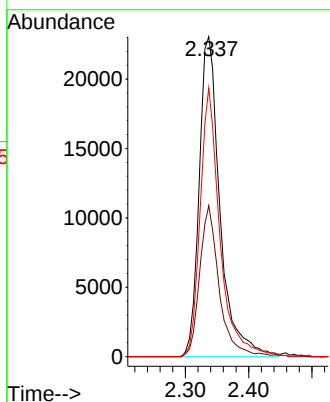
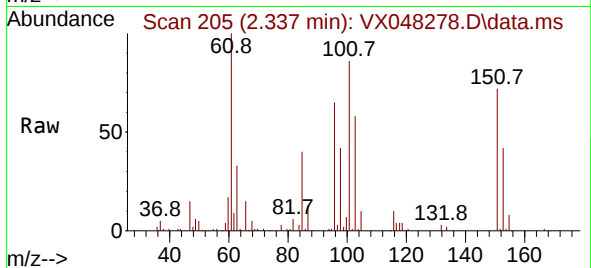
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.374 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52798
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 79.7 58.0 87.0

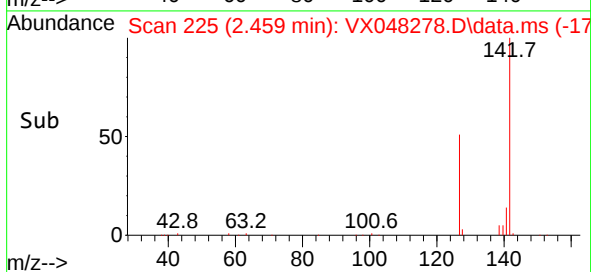
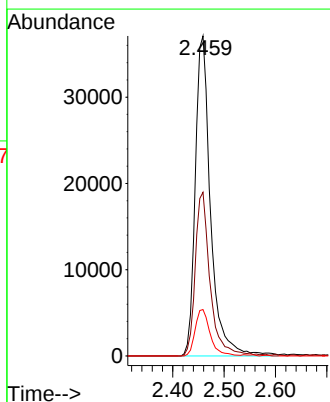
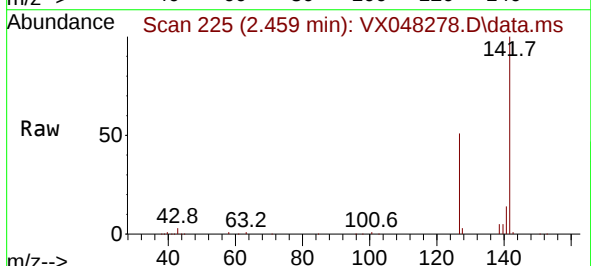
Manual Integrations
APPROVED

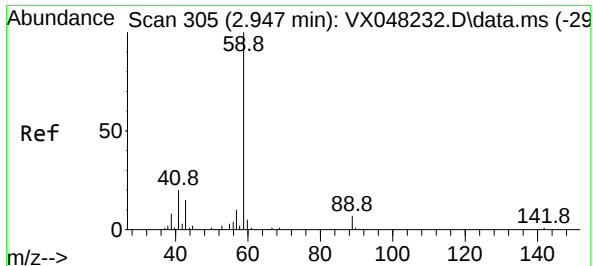
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 51.416 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:142 Resp: 76908
Ion Ratio Lower Upper
142 100
127 49.9 38.5 57.7
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 204.253 ug/l

RT: 2.940 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3135

Ion Ratio Lower Upper

59 100

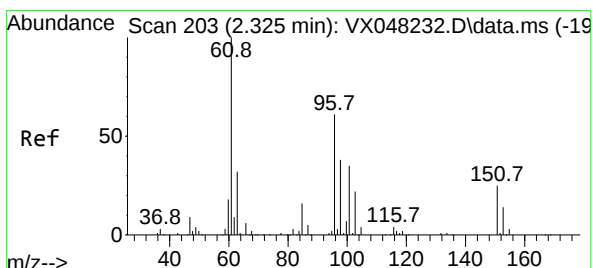
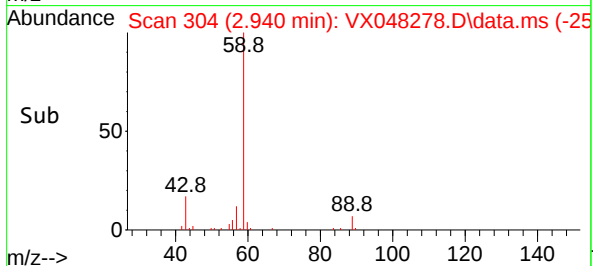
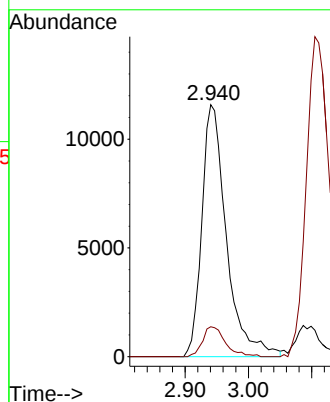
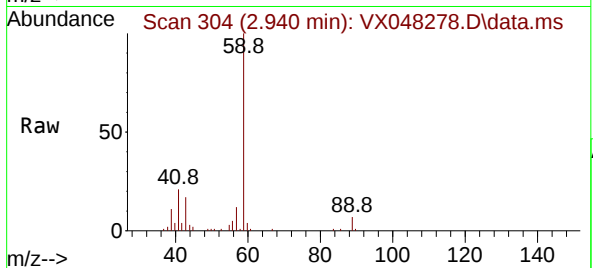
57 11.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#12

1,1-Dichloroethene

Concen: 46.632 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

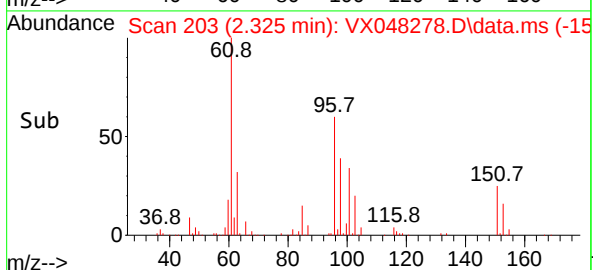
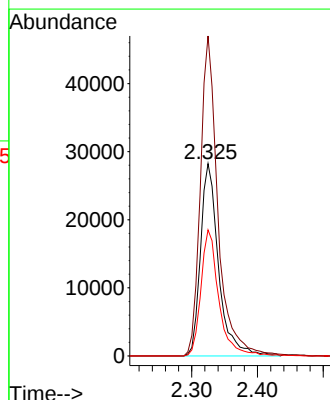
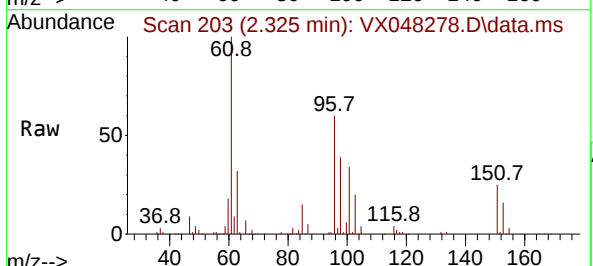
Tgt Ion: 96 Resp: 53980

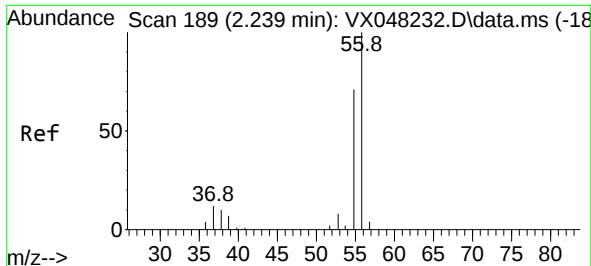
Ion Ratio Lower Upper

96 100

61 166.4 139.0 208.6

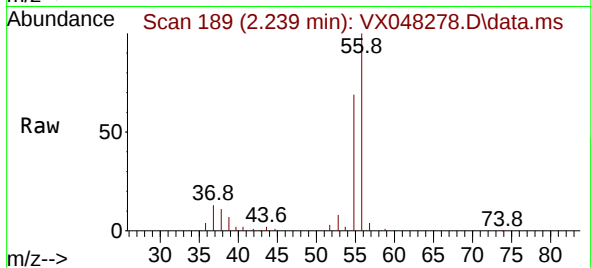
98 65.5 52.4 78.6





#13
Acrolein
Concen: 269.101 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

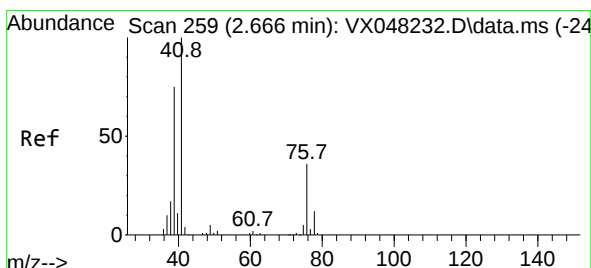
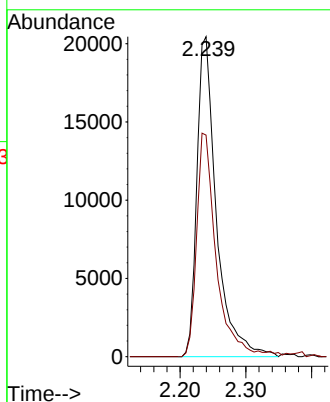
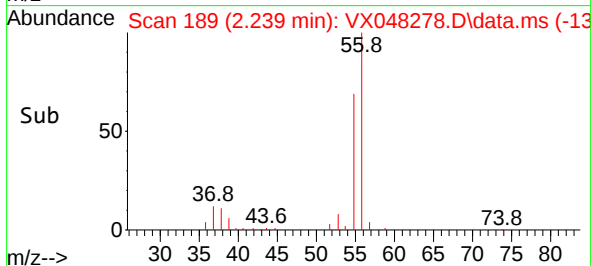
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42120
Ion Ratio Lower Upper
56 100
55 70.5 56.1 84.1

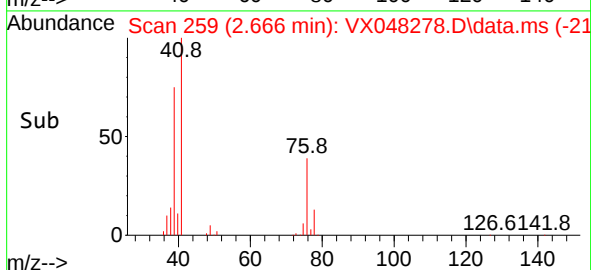
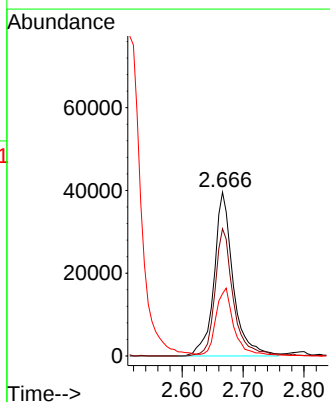
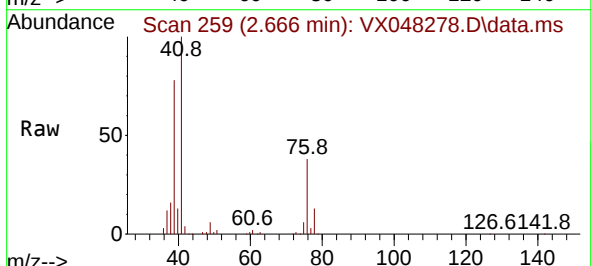
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#14
Allyl chloride
Concen: 44.749 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

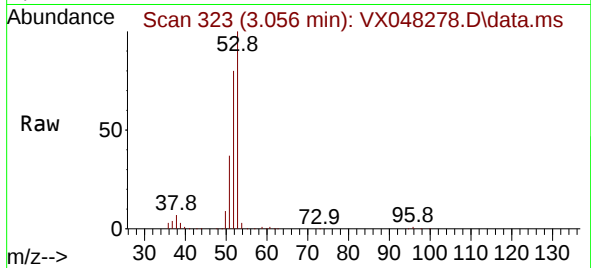
Tgt Ion: 41 Resp: 86002
Ion Ratio Lower Upper
41 100
39 74.6 56.0 84.0
76 39.7 27.5 41.3





#15
Acrylonitrile
Concen: 230.910 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

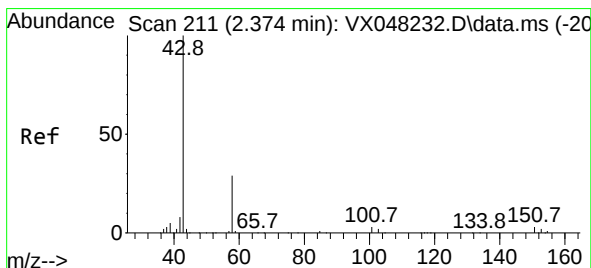
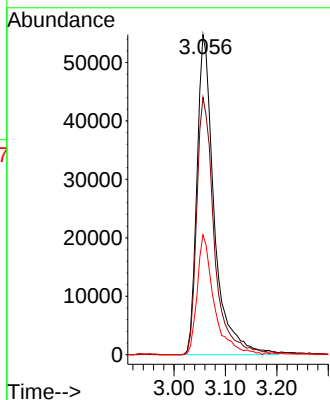
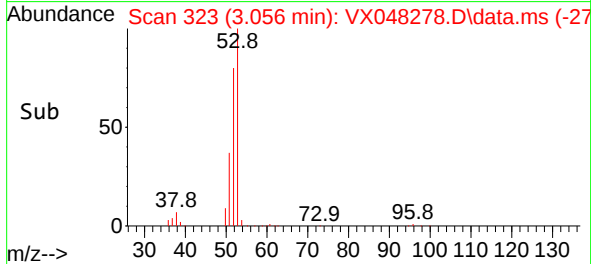
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 12780
Ion Ratio Lower Upper
53 100
52 82.5 66.1 99.1
51 36.7 29.0 43.4

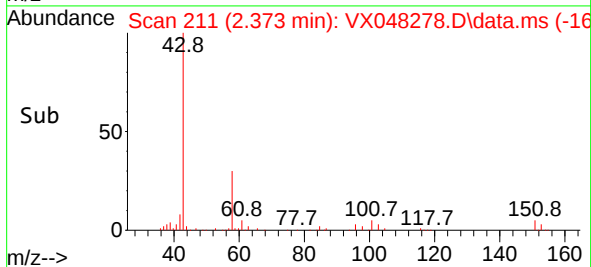
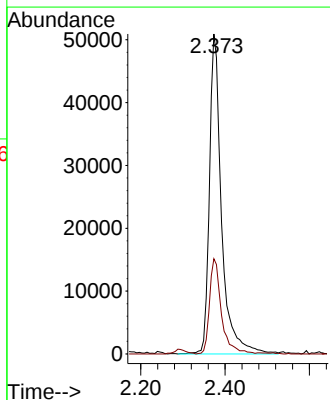
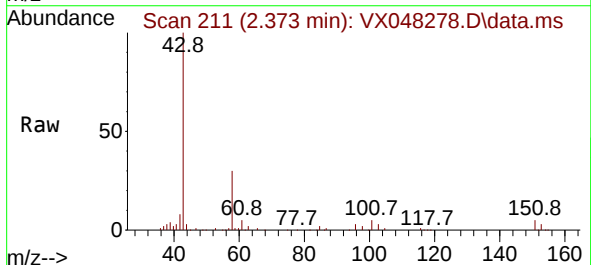
Manual Integrations
APPROVED

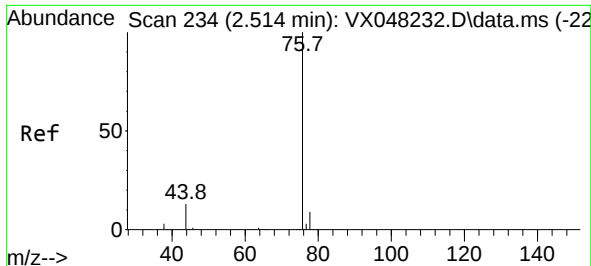
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#16
Acetone
Concen: 191.905 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

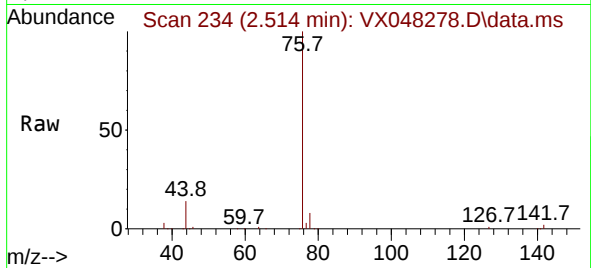
Tgt Ion: 43 Resp: 101775
Ion Ratio Lower Upper
43 100
58 31.0 23.4 35.2





#17
Carbon Disulfide
Concen: 41.561 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

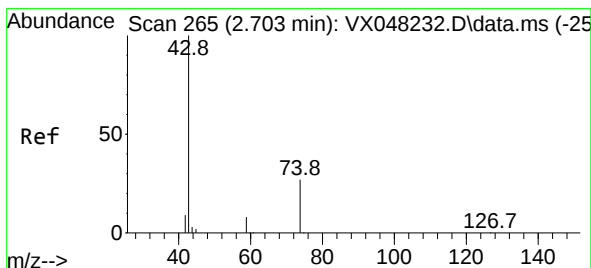
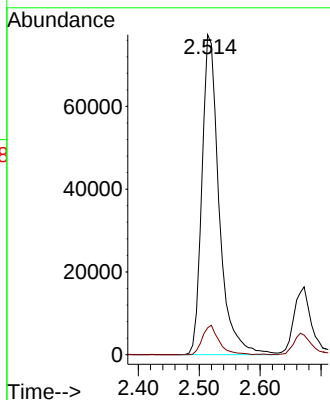
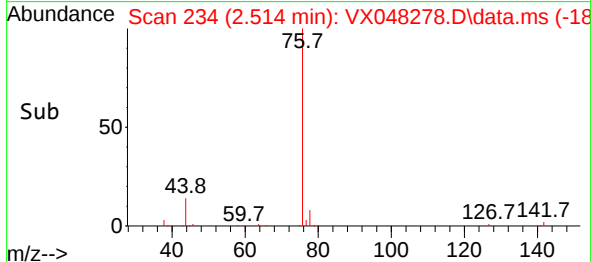
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



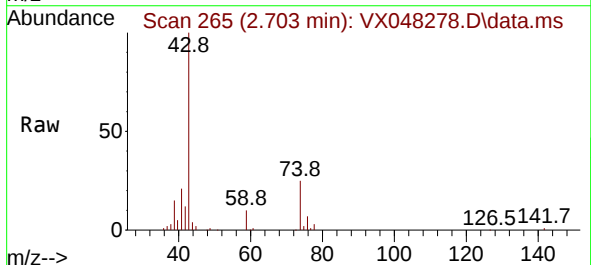
Tgt Ion: 76 Resp: 151620
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

Manual Integrations
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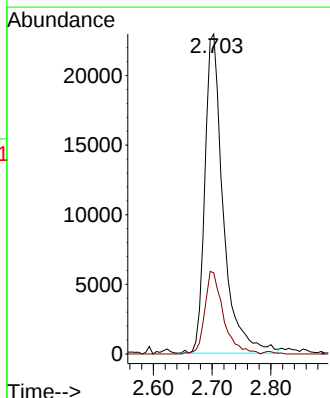
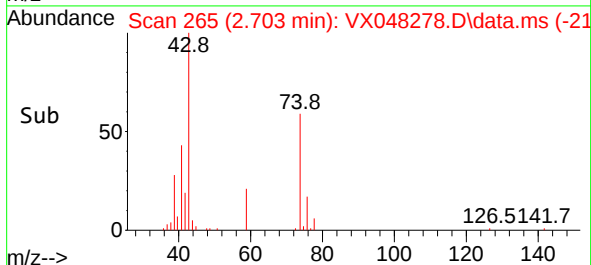
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

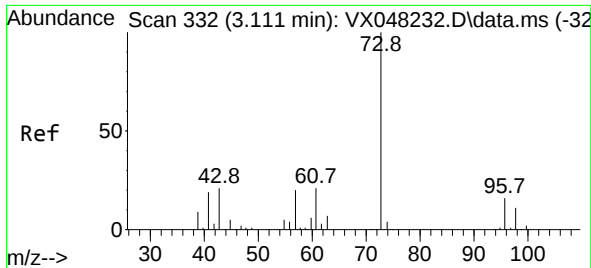


#18
Methyl Acetate
Concen: 44.941 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



Tgt Ion: 43 Resp: 49775
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3





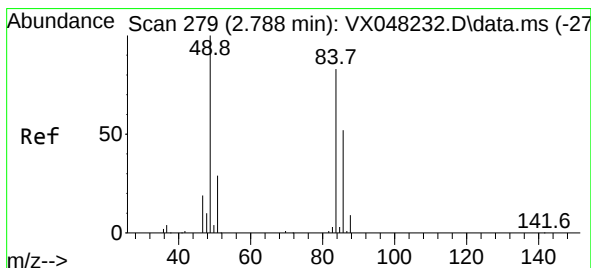
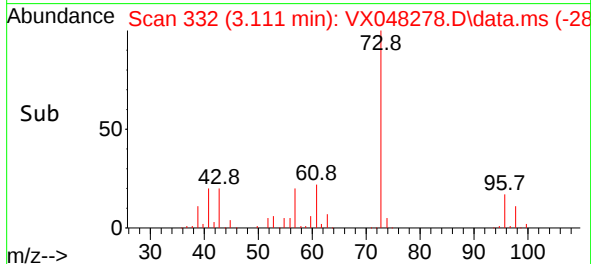
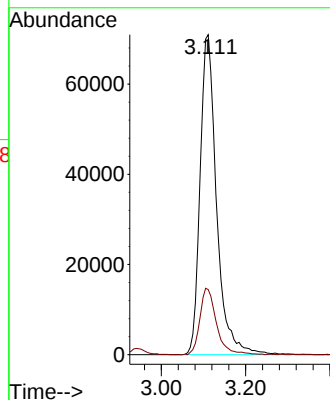
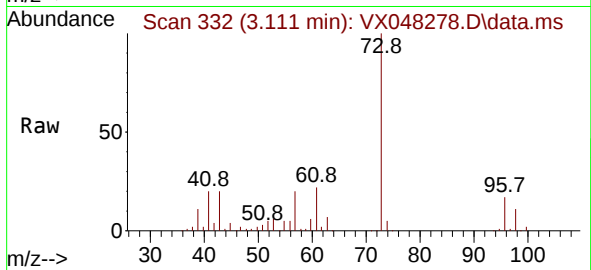
#19
Methyl tert-butyl Ether
Concen: 48.837 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19286
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5

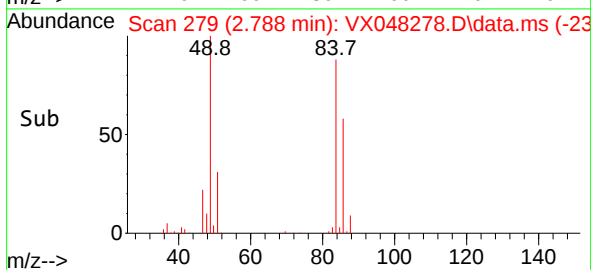
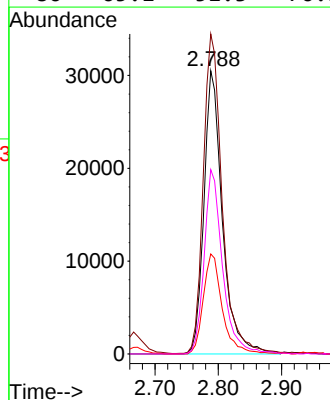
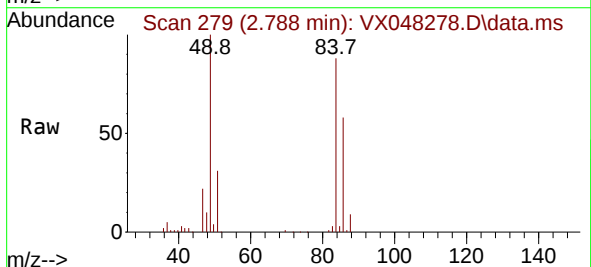
Manual Integrations
APPROVED

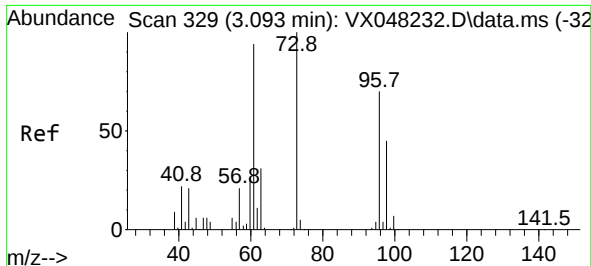
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#20
Methylene Chloride
Concen: 48.124 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

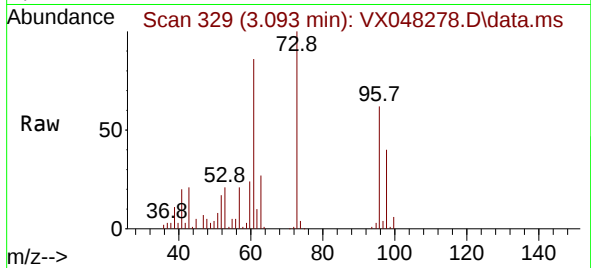
Tgt Ion: 84 Resp: 62187
Ion Ratio Lower Upper
84 100
49 112.8 104.1 156.1
51 35.3 31.3 46.9
86 65.1 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 46.571 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

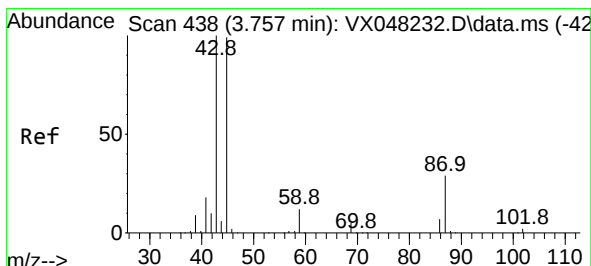
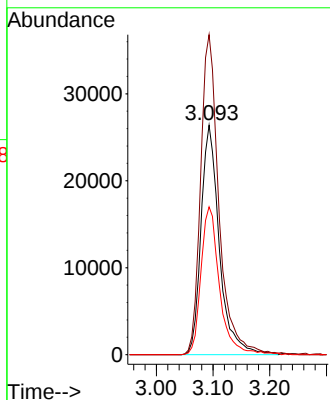
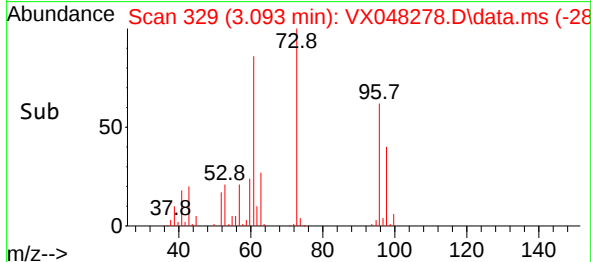
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5921
Ion Ratio Lower Upper
96 100
61 139.4 111.9 167.9
98 64.4 51.2 76.8

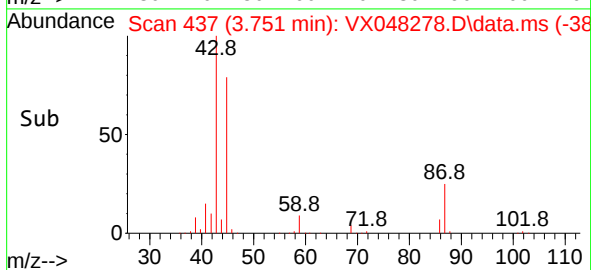
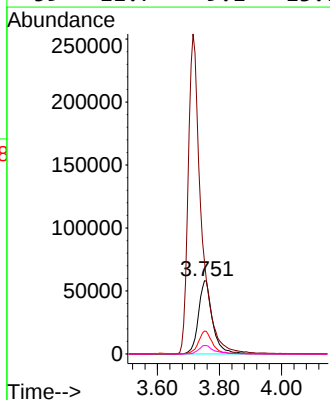
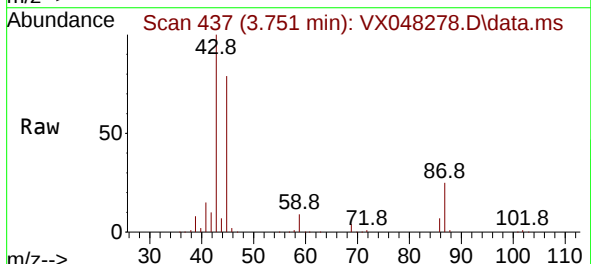
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 47.827 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

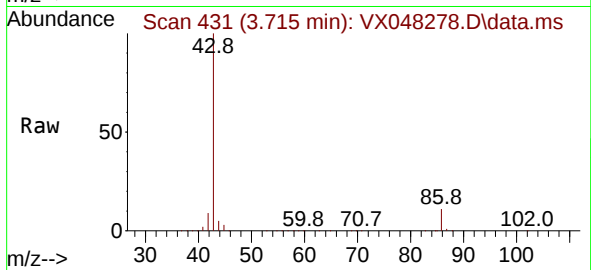
Tgt Ion: 45 Resp: 183332
Ion Ratio Lower Upper
45 100
43 126.5 89.8 134.8
87 31.3 20.6 31.0#
59 11.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 242.501 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09

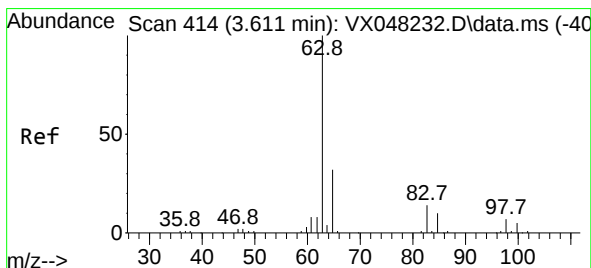
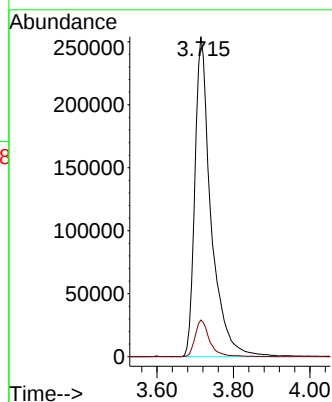
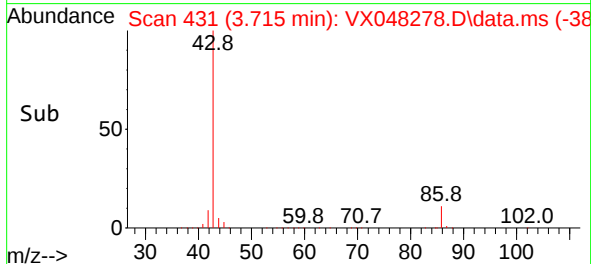
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



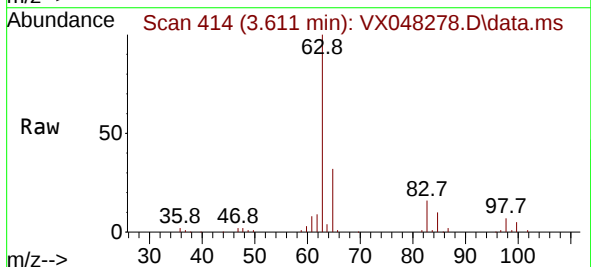
Tgt Ion: 43 Resp: 742540
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.9 11.9

Manual Integrations
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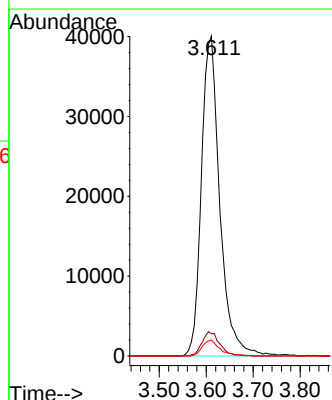
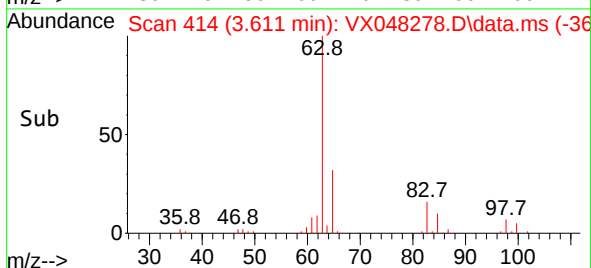
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

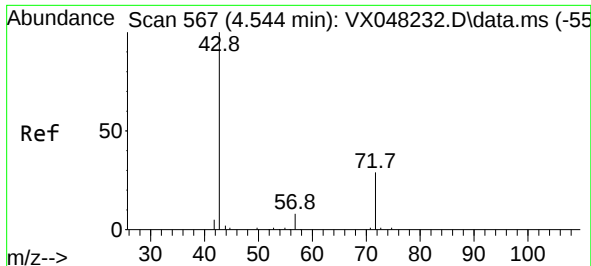


#24
 1,1-Dichloroethane
 Concen: 46.973 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09



Tgt Ion: 63 Resp: 108877
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 5.0 2.1 6.3





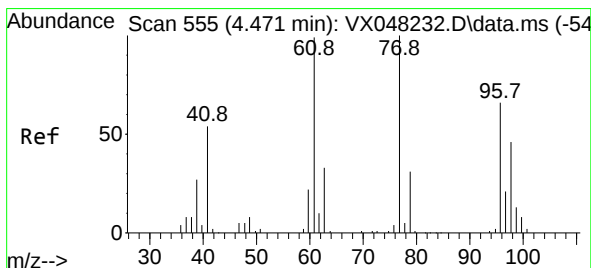
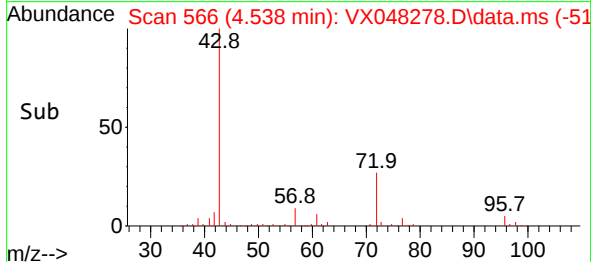
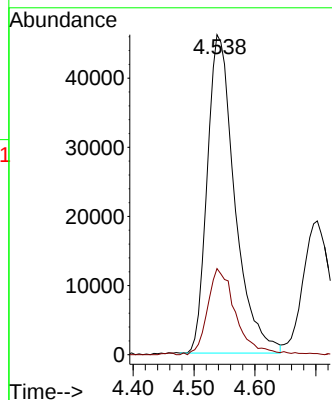
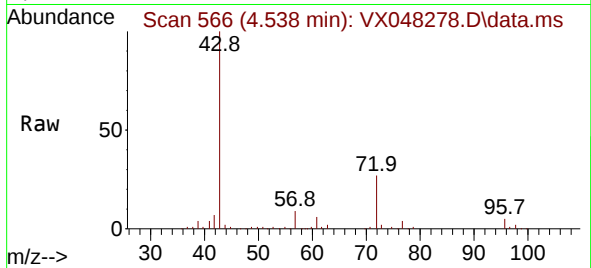
#25
2-Butanone
Concen: 215.374 ug/l
RT: 4.538 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 14457
Ion Ratio Lower Upper
43 100
72 27.0 19.9 29.9

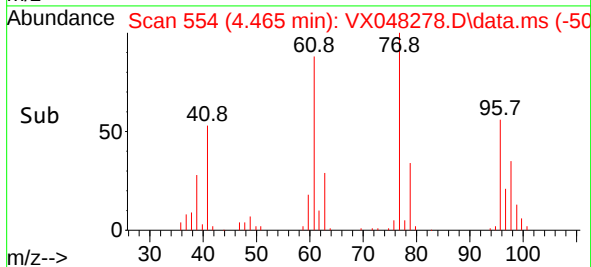
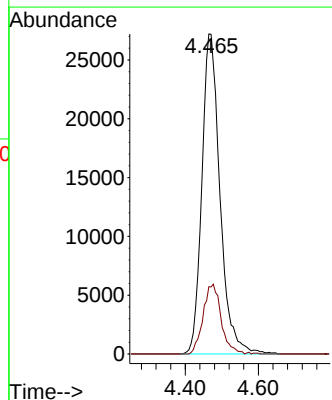
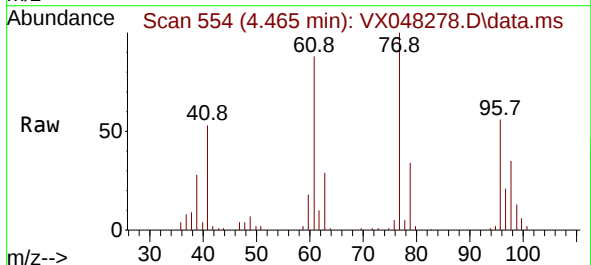
Manual Integrations
APPROVED

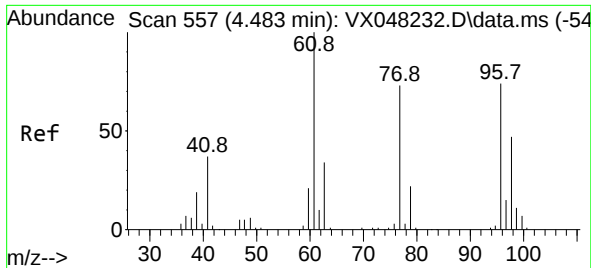
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 44.766 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

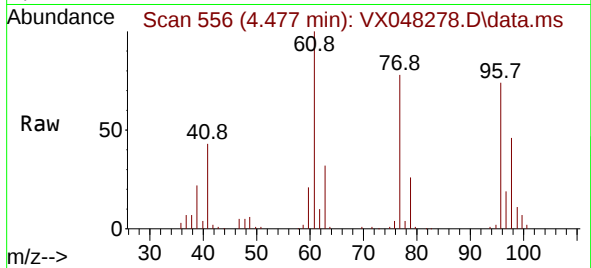
Tgt Ion: 77 Resp: 93655
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.458 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09

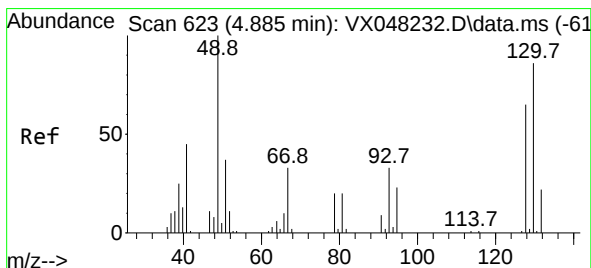
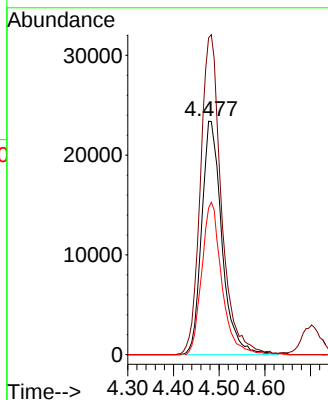
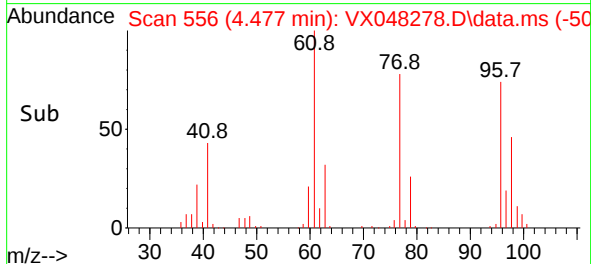
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 7191
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 294.2
 98 64.3 0.0 128.4

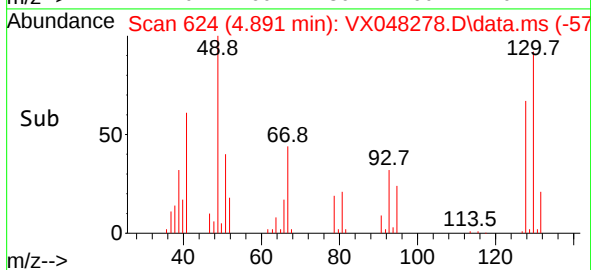
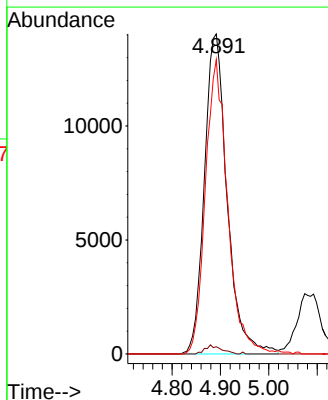
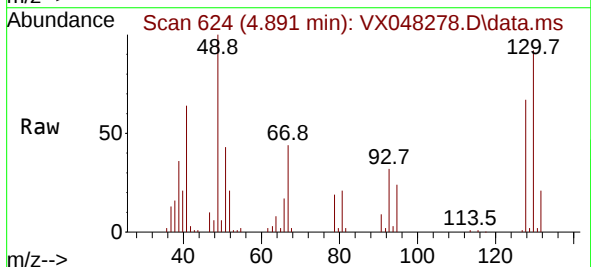
Manual Integrations
 APPROVED

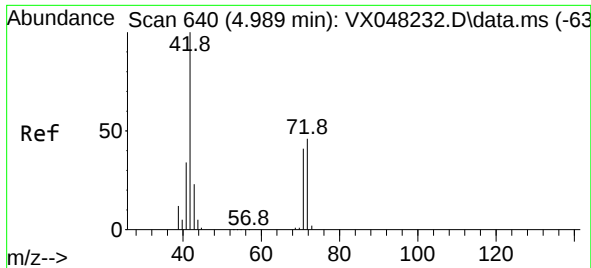
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#28
 Bromochloromethane
 Concen: 47.680 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09

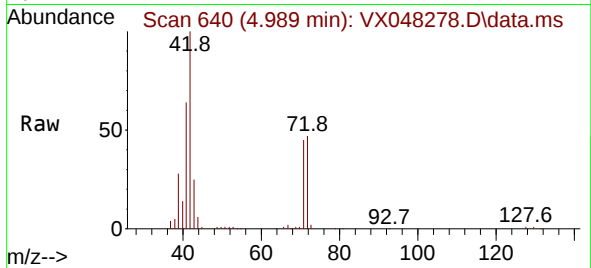
Tgt Ion: 49 Resp: 45824
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 90.3 59.3 88.9#





#29
Tetrahydrofuran
Concen: 218.490 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

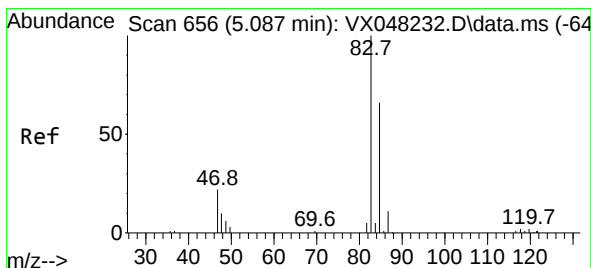
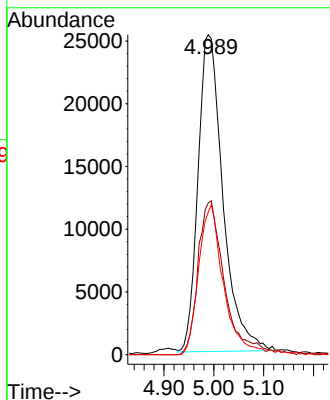
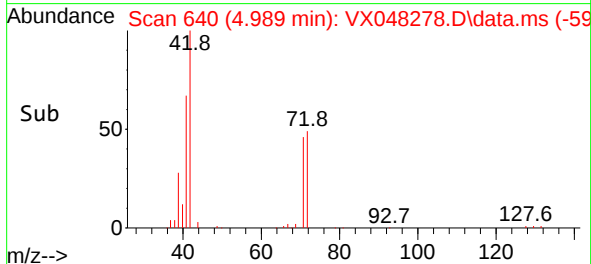
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 87839
Ion Ratio Lower Upper
42 100
72 51.8 35.3 52.9
71 46.7 32.2 48.4

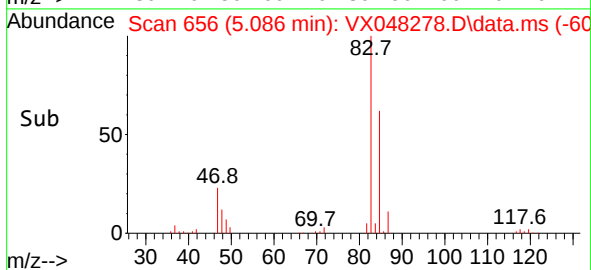
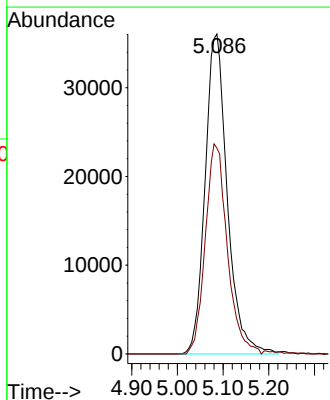
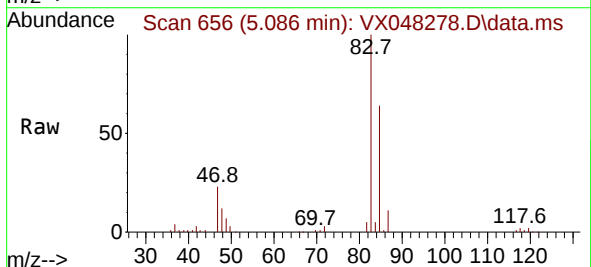
Manual Integrations
APPROVED

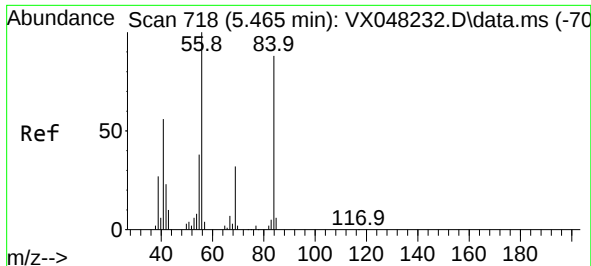
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#30
Chloroform
Concen: 49.137 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

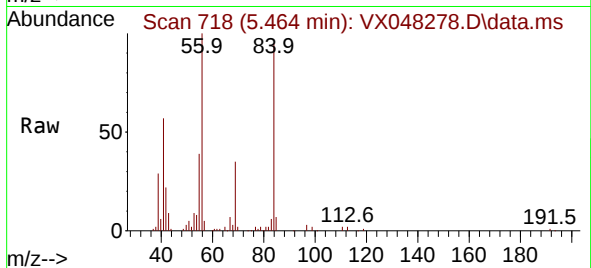
Tgt Ion: 83 Resp: 121680
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1





#31
Cyclohexane
Concen: 44.238 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

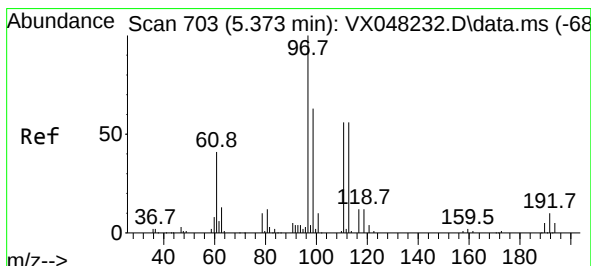
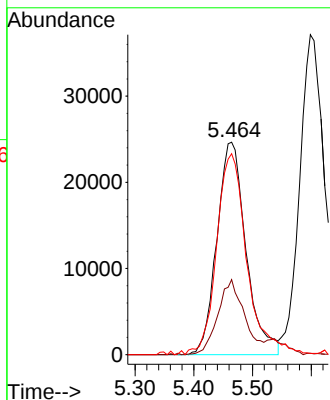
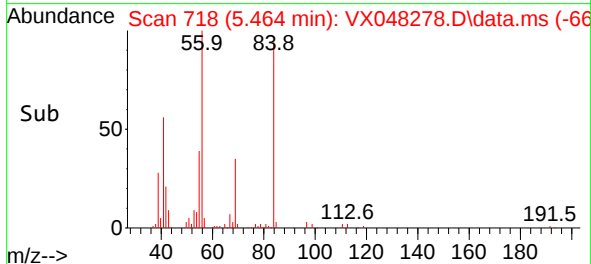
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8489
Ion Ratio Lower Upper
56 100
69 34.7 23.0 34.6
84 94.2 64.6 97.0

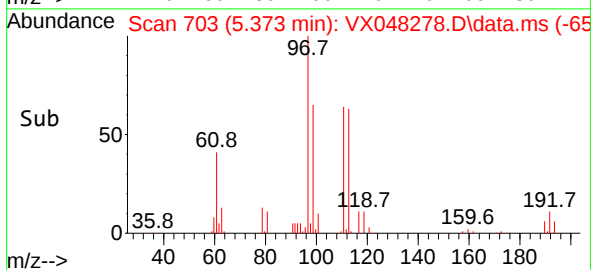
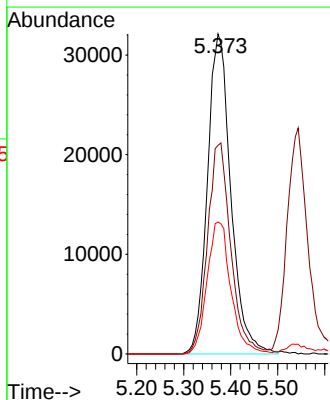
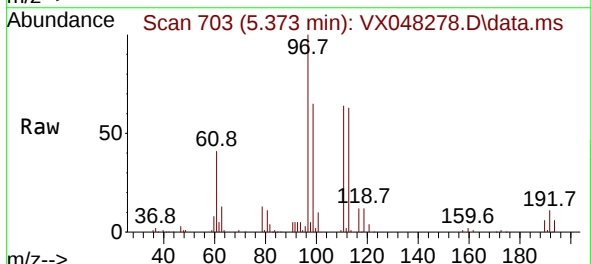
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#32
1,1,1-Trichloroethane
Concen: 48.747 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 97 Resp: 111254
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 41.9 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 56.153 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86809

Ion Ratio Lower Upper

65 100

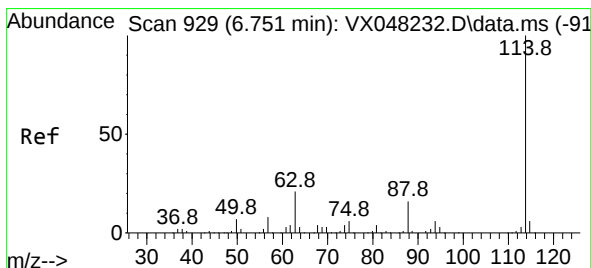
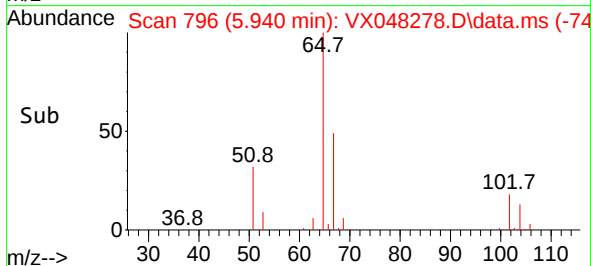
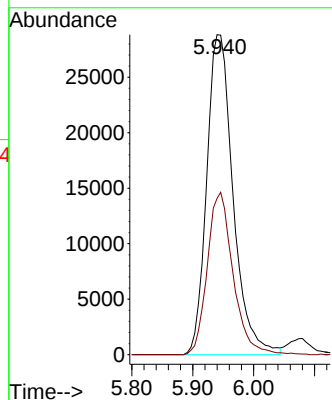
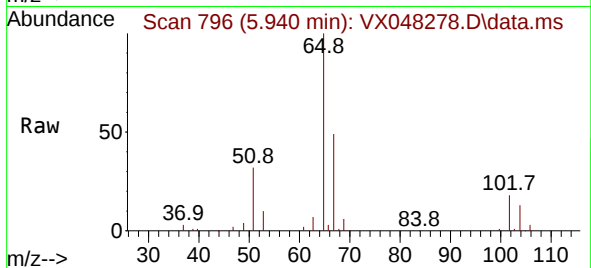
67 49.6 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

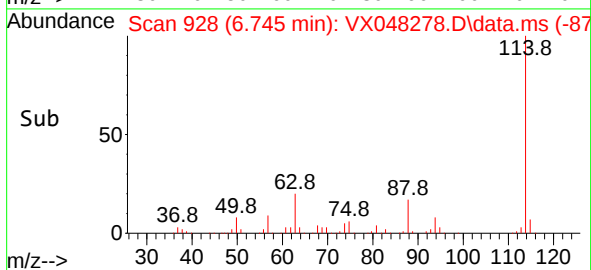
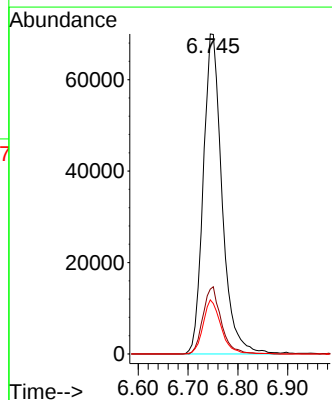
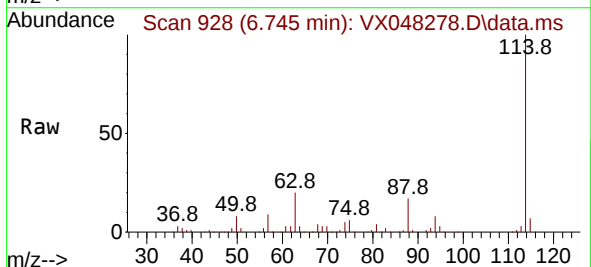
Tgt Ion:114 Resp: 183155

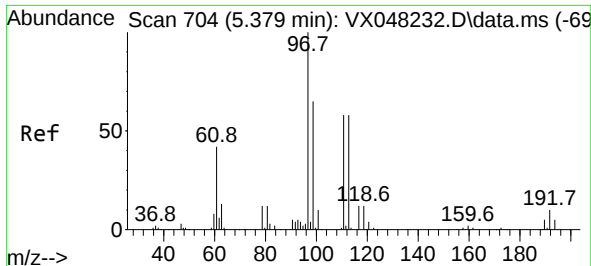
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

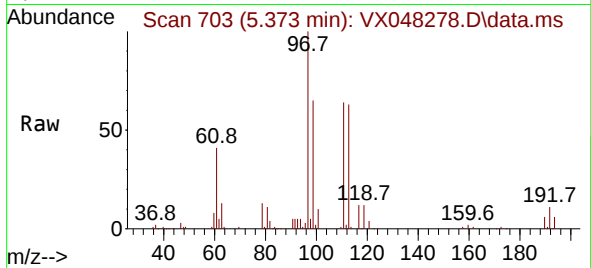
88 16.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.800 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

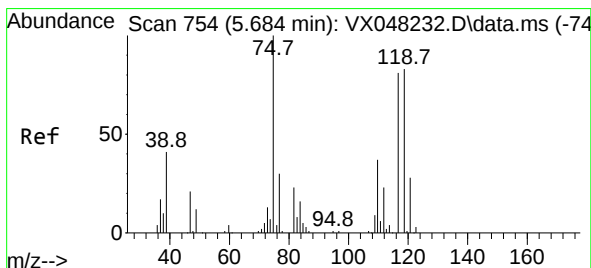
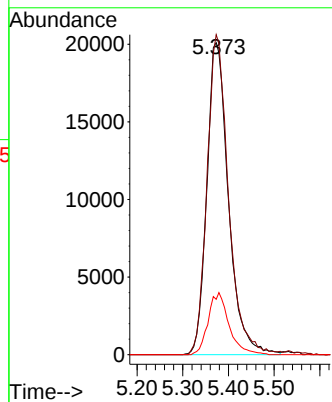
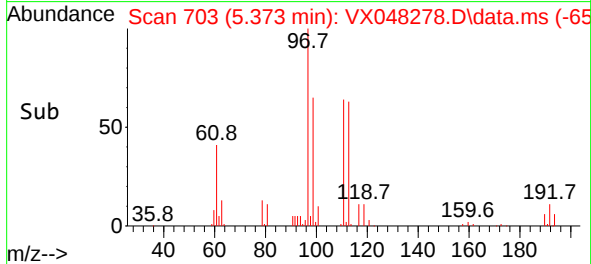
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 6602
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.3 15.1 22.7

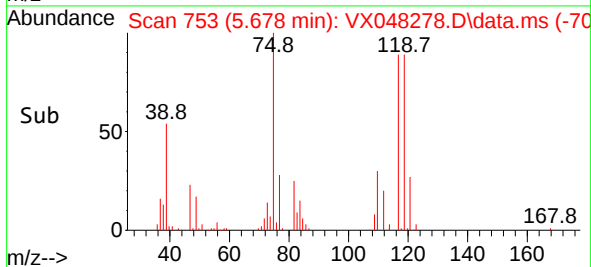
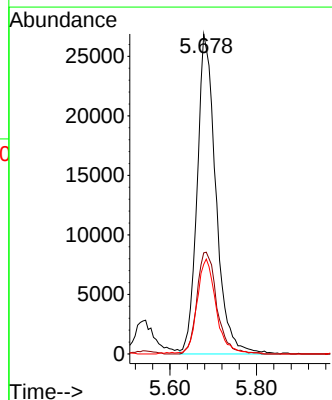
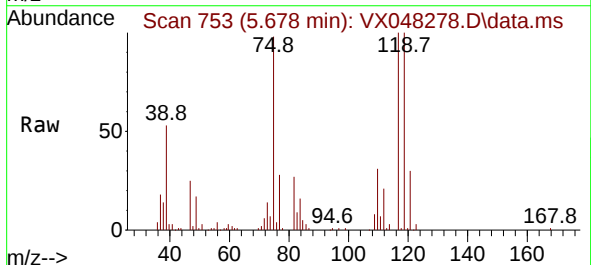
Manual Integrations
APPROVED

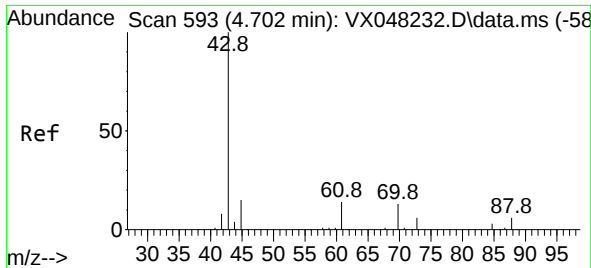
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#36
1,1-Dichloropropene
Concen: 45.371 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

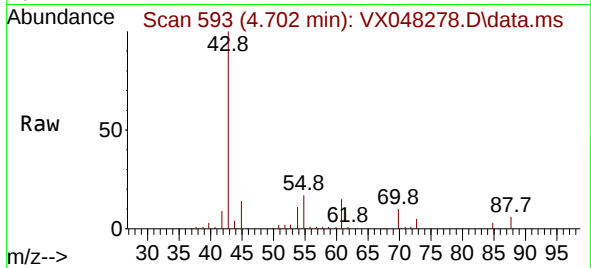
Tgt Ion: 75 Resp: 80634
Ion Ratio Lower Upper
75 100
110 33.9 17.7 53.1
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 42.851 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

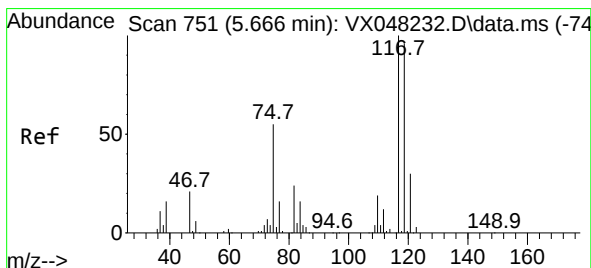
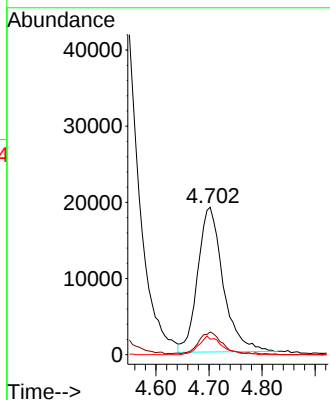
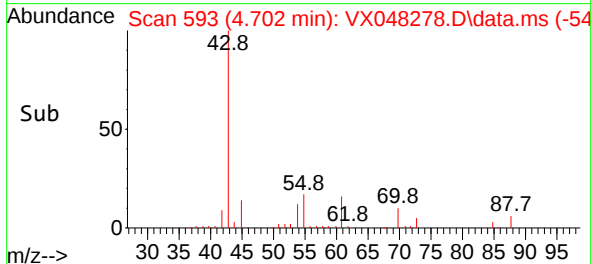
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 6312
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 11.2 7.8 11.6

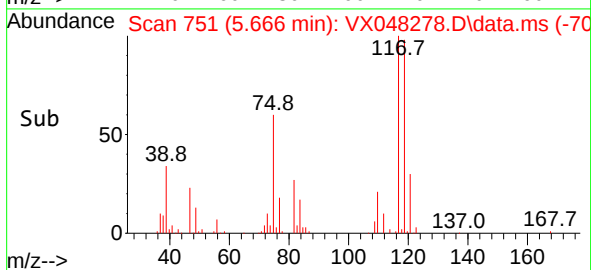
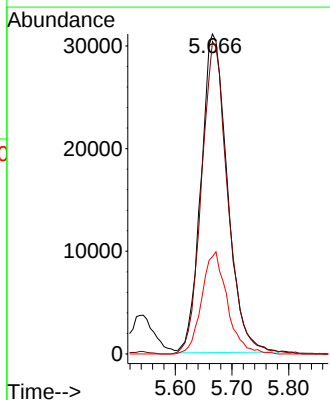
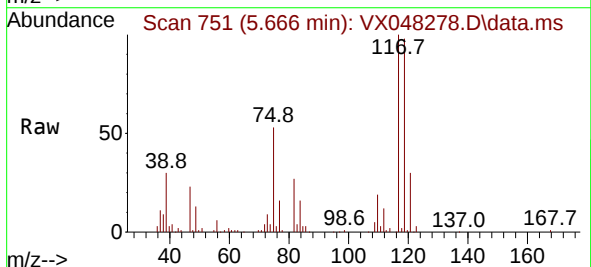
Manual Integrations
APPROVED

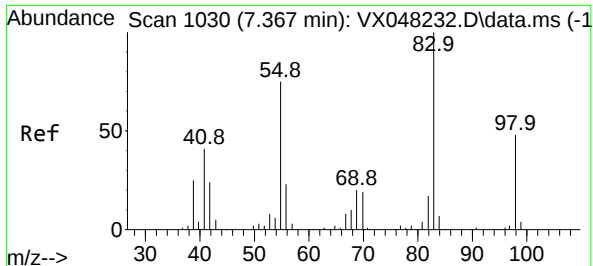
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#38
Carbon Tetrachloride
Concen: 45.671 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:117 Resp: 100140
Ion Ratio Lower Upper
117 100
119 97.6 77.2 115.8
121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 42.670 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 89560

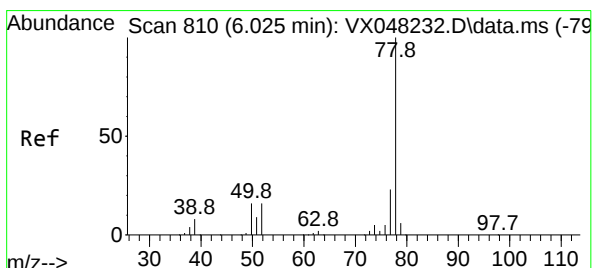
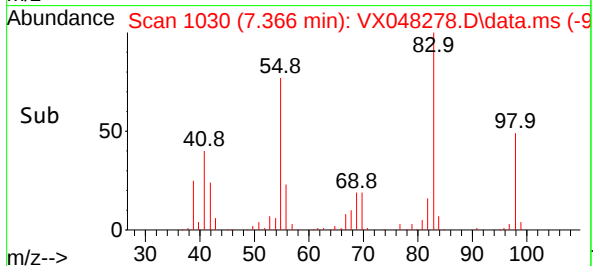
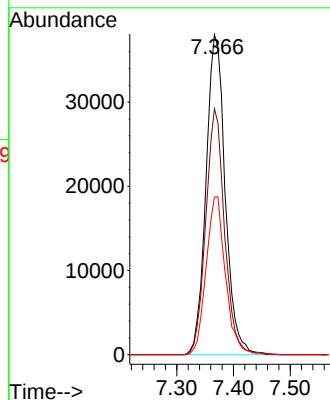
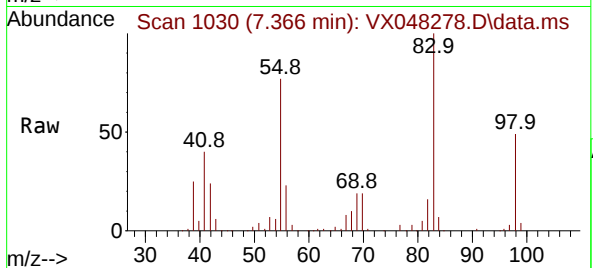
Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.2	99.2
98	49.2	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#40

Benzene

Concen: 45.621 ug/l

RT: 6.025 min Scan# 810

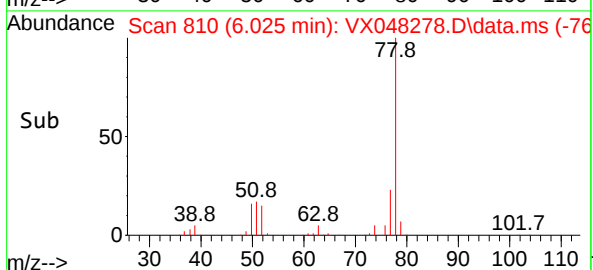
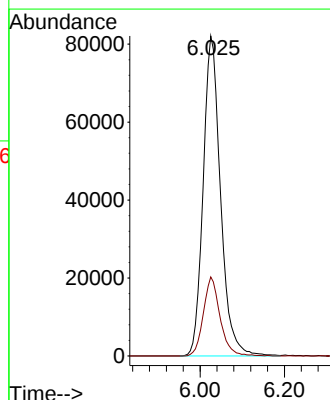
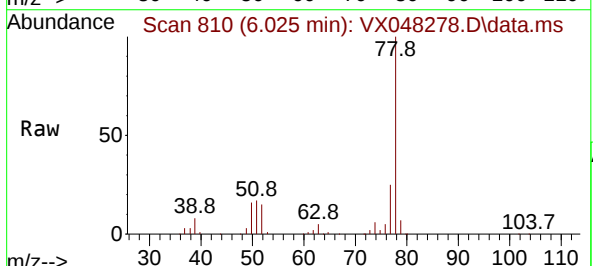
Delta R.T. -0.000 min

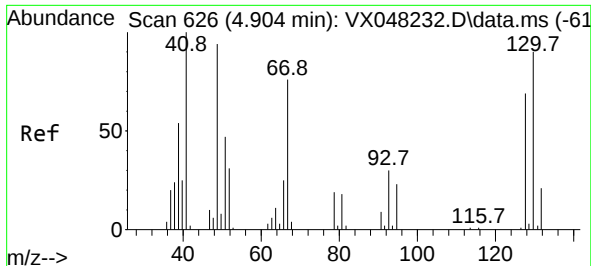
Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Tgt Ion: 78 Resp: 235395

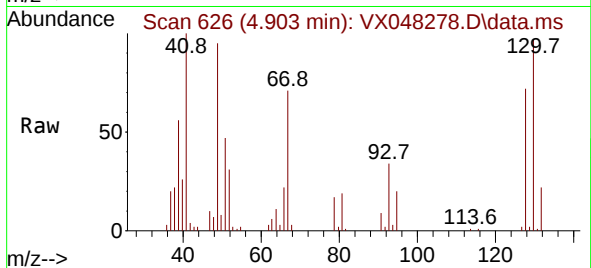
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41
Methacrylonitrile
Concen: 45.945 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

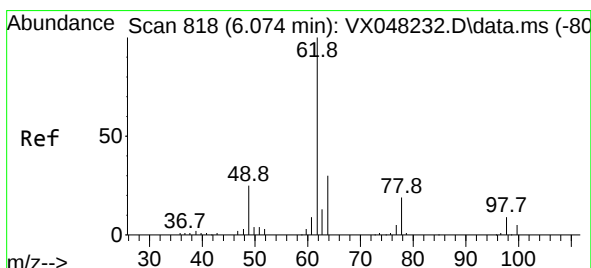
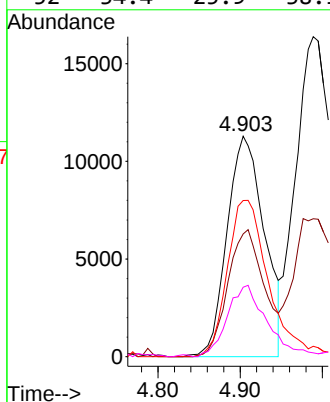
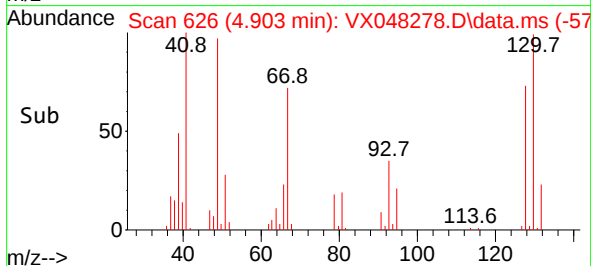
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 3554
Ion Ratio Lower Upper
41 100
39 56.4 44.0 66.0
67 78.6 58.7 88.1
52 34.4 25.9 38.9

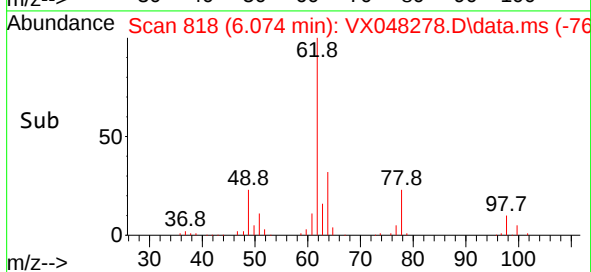
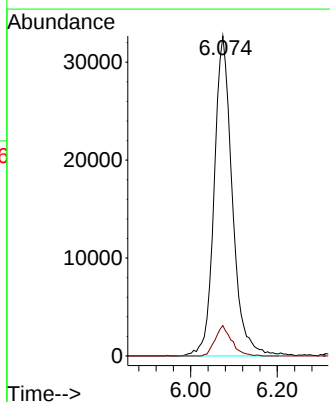
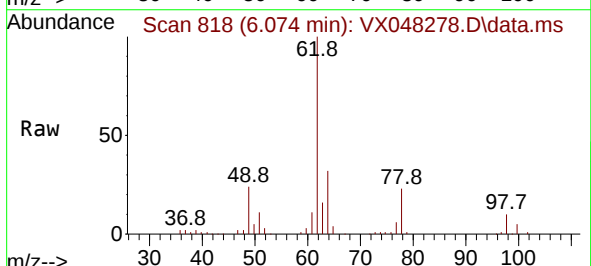
Manual Integrations
APPROVED

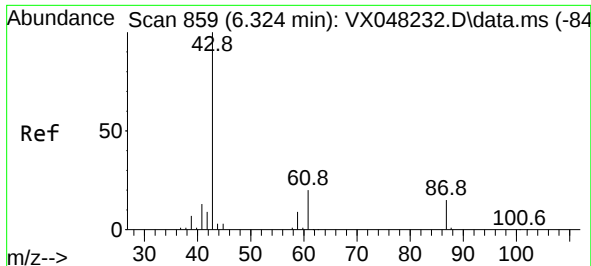
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 49.906 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

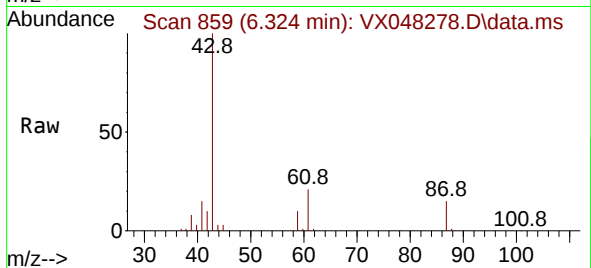
Tgt Ion: 62 Resp: 95021
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43
Isopropyl Acetate
Concen: 45.374 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

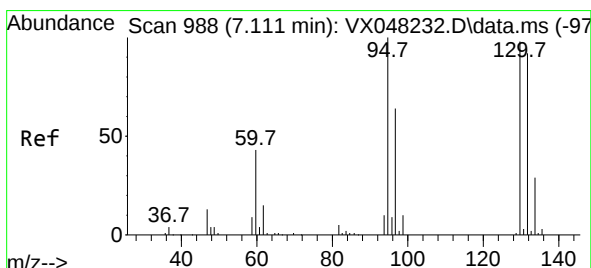
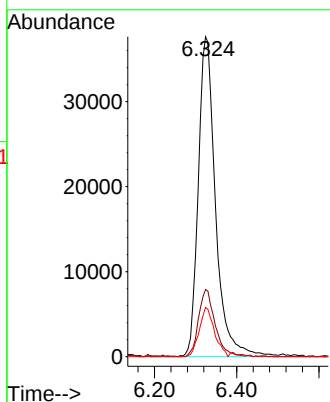
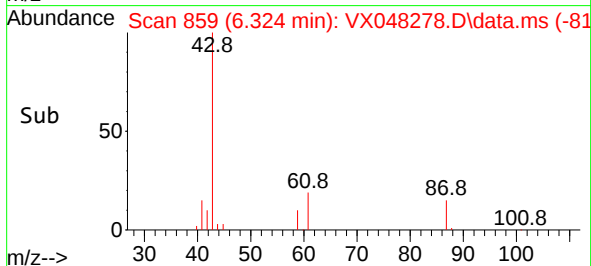
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



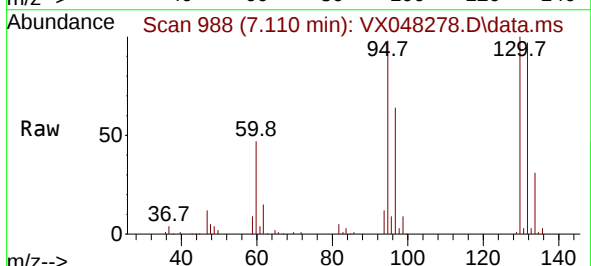
Tgt Ion: 43 Resp: 10979
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
87 13.4 9.4 14.2

Manual Integrations
APPROVED

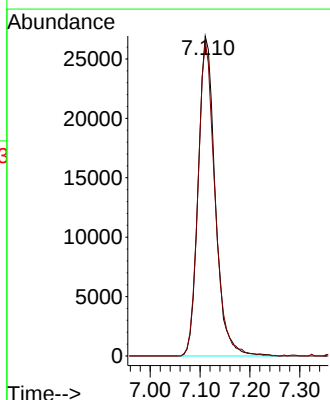
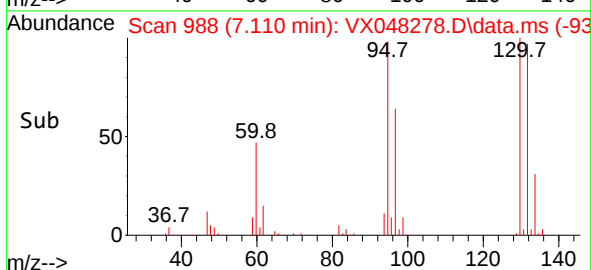
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

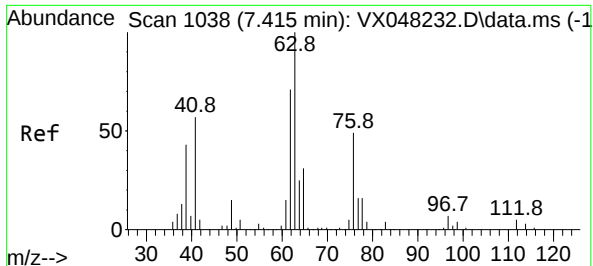


#44
Trichloroethene
Concen: 46.735 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



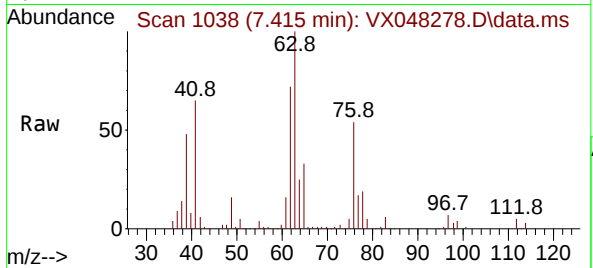
Tgt Ion:130 Resp: 63675
Ion Ratio Lower Upper
130 100
95 107.0 0.0 200.6





#45
1,2-Dichloropropane
Concen: 46.474 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

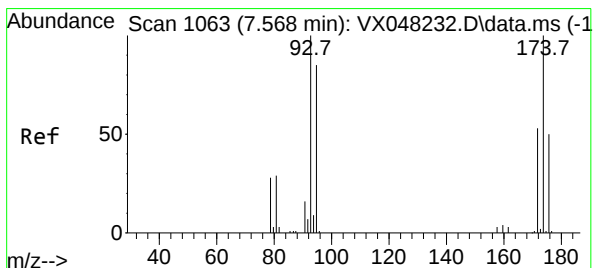
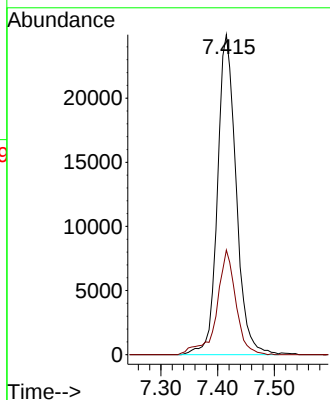
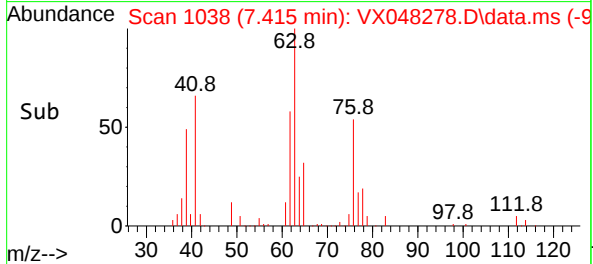
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 5701
Ion Ratio Lower Upper
63 100
65 32.7 24.1 36.1

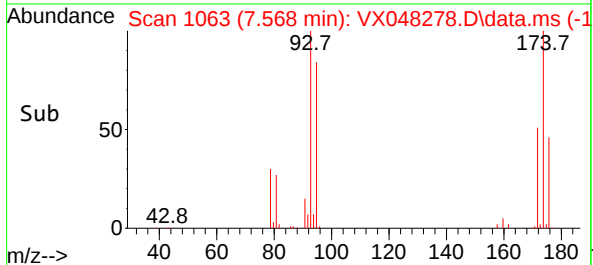
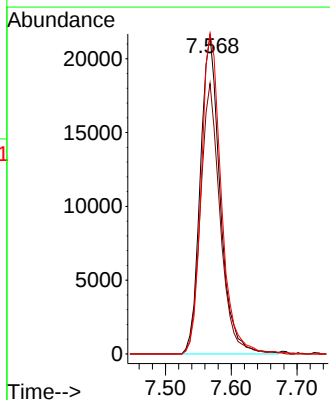
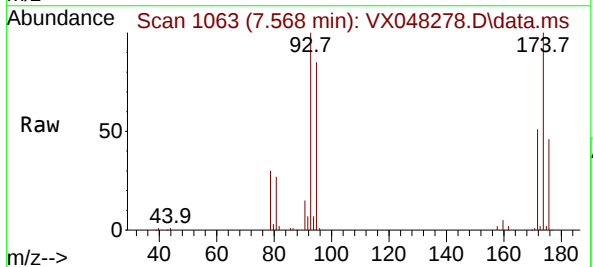
Manual Integrations
APPROVED

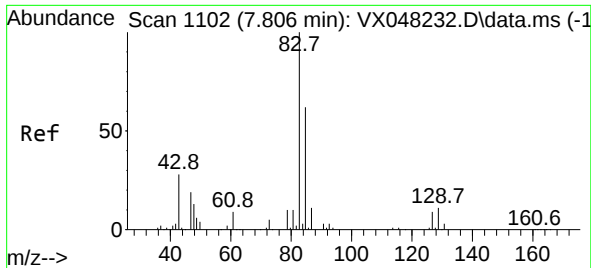
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#46
Dibromomethane
Concen: 47.155 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 93 Resp: 45069
Ion Ratio Lower Upper
93 100
95 84.5 65.9 98.9
174 101.0 71.7 107.5





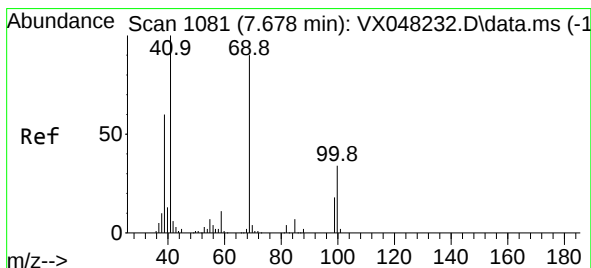
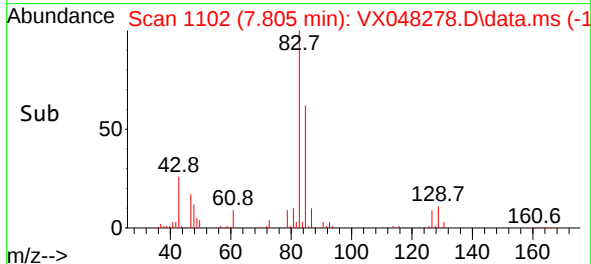
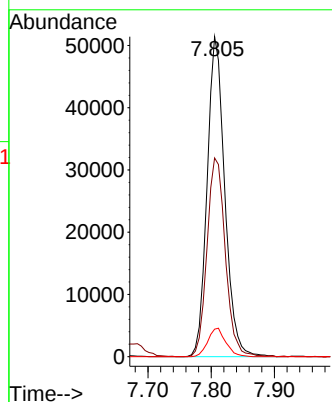
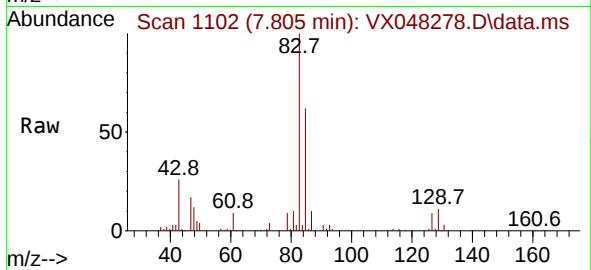
#47
Bromodichloromethane
Concen: 48.404 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9988
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4
127 8.6 7.3 10.9

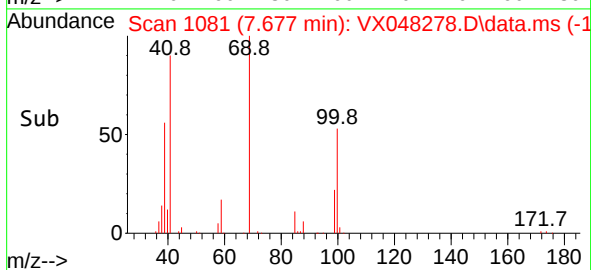
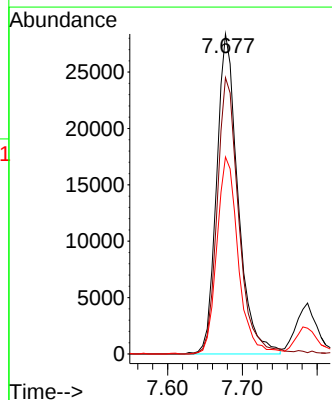
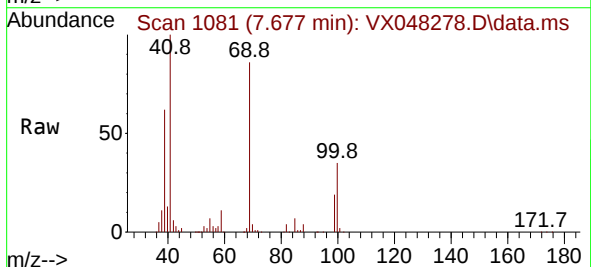
Manual Integrations
APPROVED

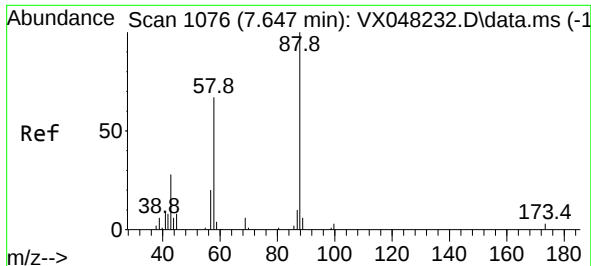
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#48
Methyl methacrylate
Concen: 46.243 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 41 Resp: 56463
Ion Ratio Lower Upper
41 100
69 86.7 63.4 95.0
39 61.4 47.1 70.7





#49

1,4-Dioxane

Concen: 901.119 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

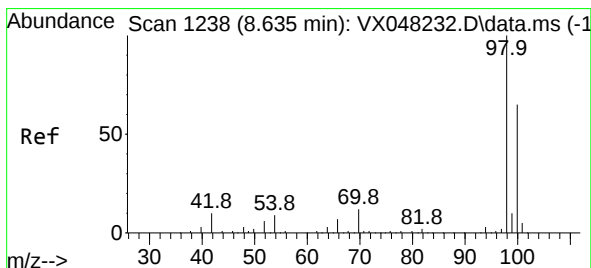
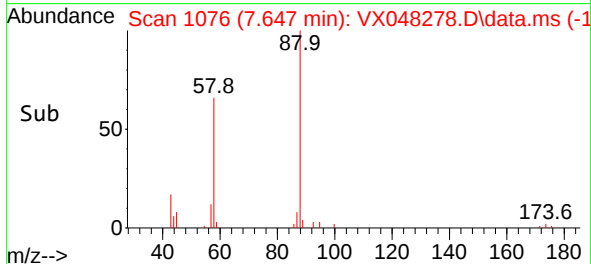
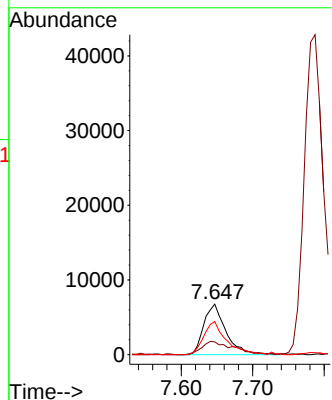
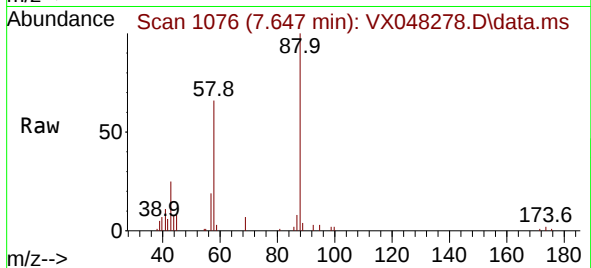
Tgt Ion: 88 Resp: 14530
 Ion Ratio Lower Upper
 88 100
 43 37.8 35.0 52.4
 58 66.5 61.9 92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#50

Toluene-d8

Concen: 51.716 ug/l

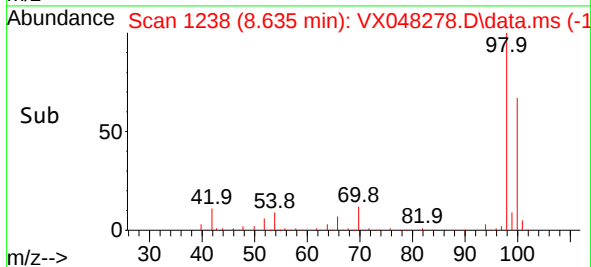
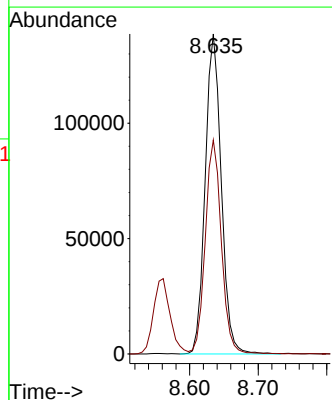
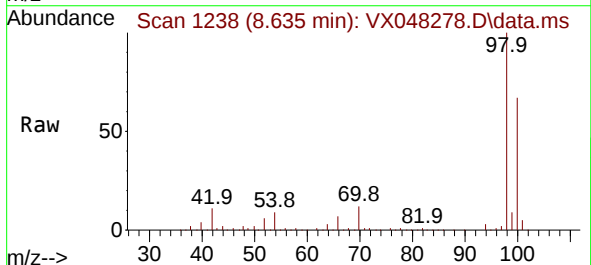
RT: 8.635 min Scan# 1238

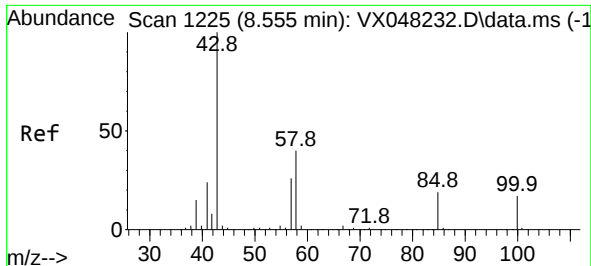
Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Tgt Ion: 98 Resp: 226656
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 227.242 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 317029

Ion Ratio Lower Upper

43 100

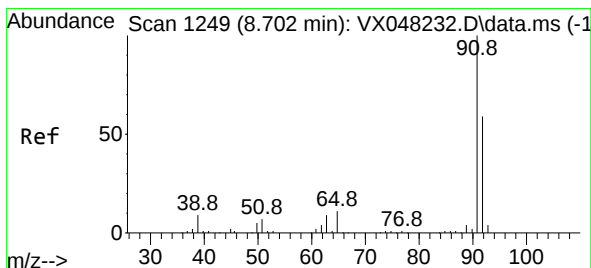
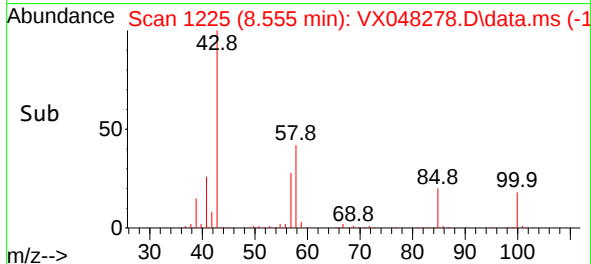
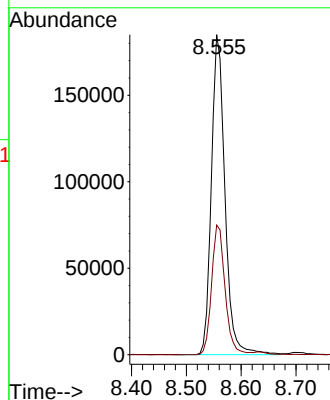
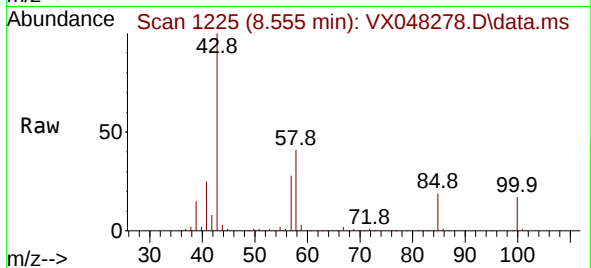
58 40.4 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#52

Toluene

Concen: 48.031 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048278.D

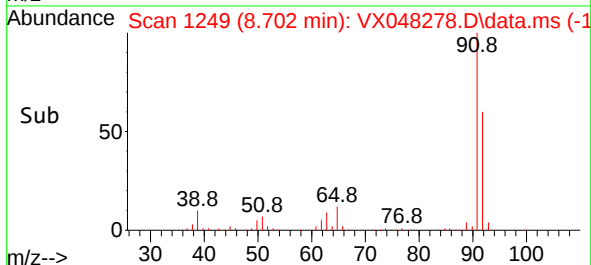
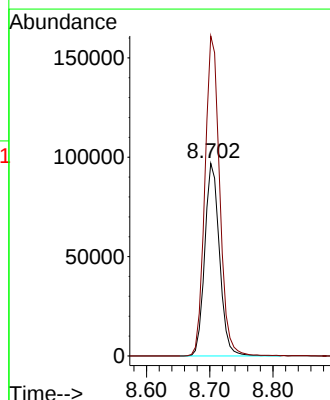
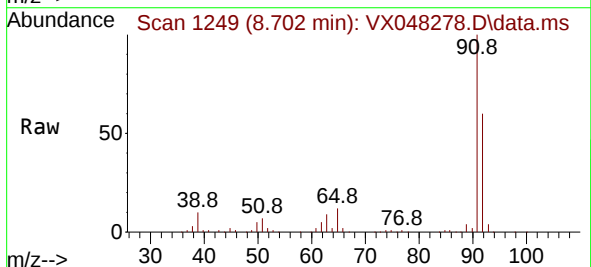
Acq: 21 Oct 2025 18:09

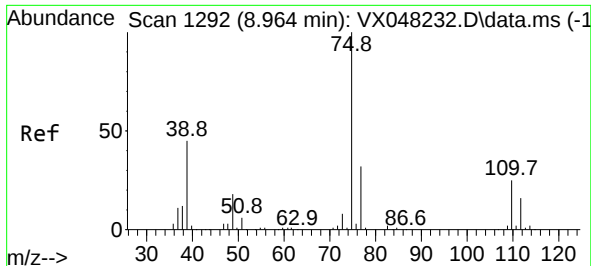
Tgt Ion: 92 Resp: 157443

Ion Ratio Lower Upper

92 100

91 166.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 49.703 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9884

Ion Ratio Lower Upper

75 100

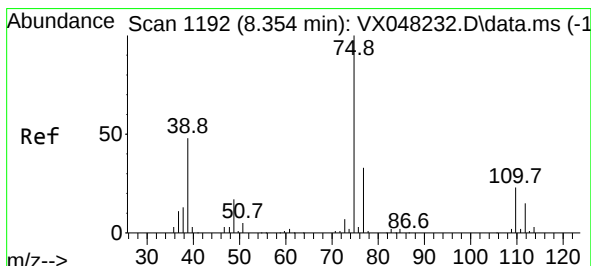
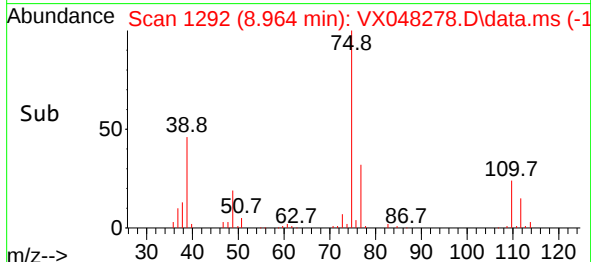
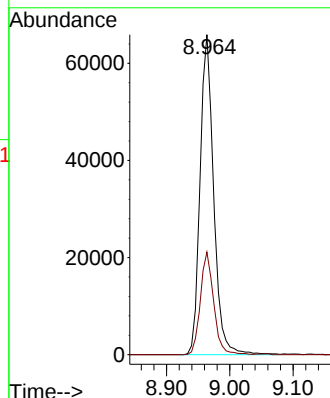
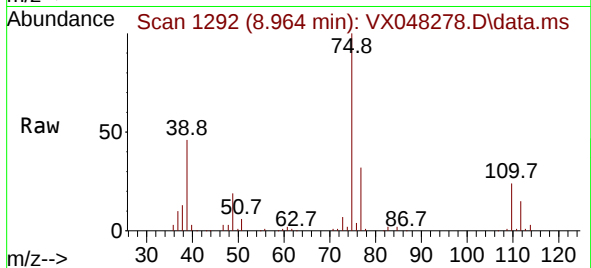
77 32.1 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#54

cis-1,3-Dichloropropene

Concen: 47.929 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

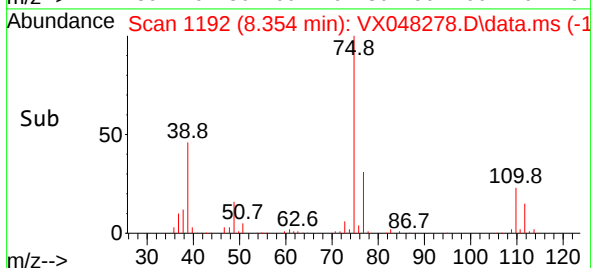
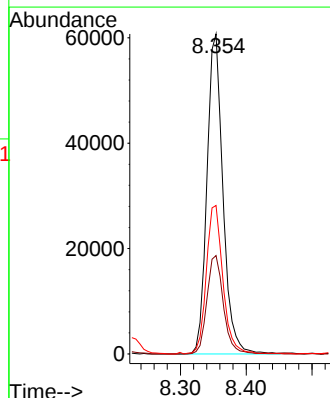
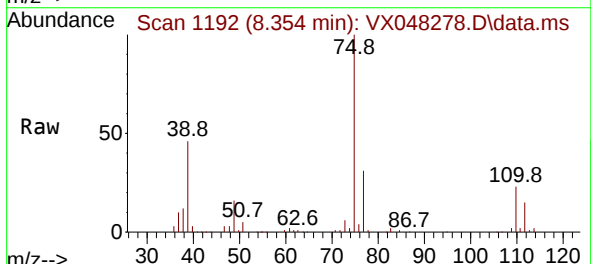
Tgt Ion: 75 Resp: 102835

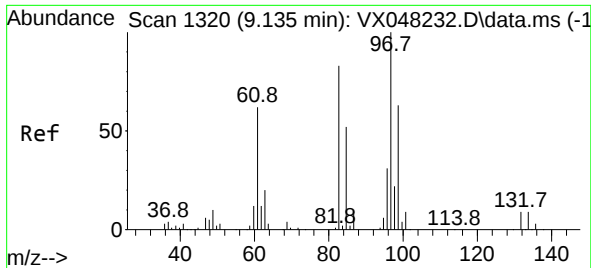
Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3

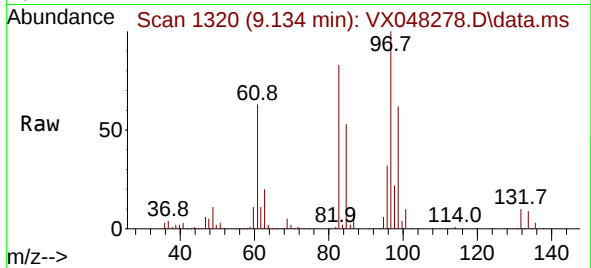
39 46.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 48.711 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

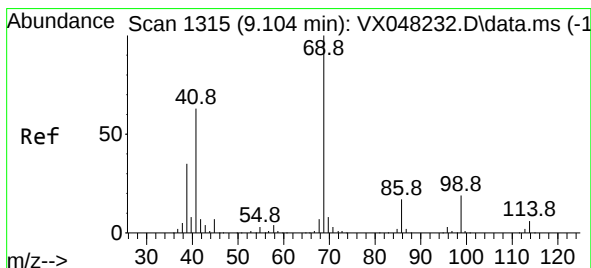
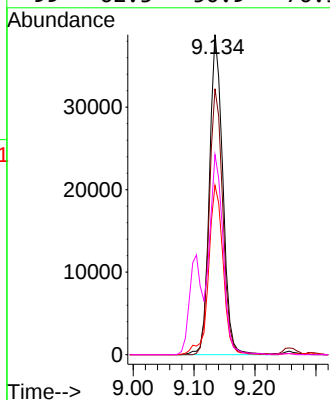
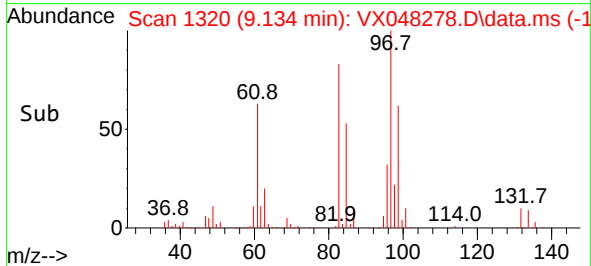
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



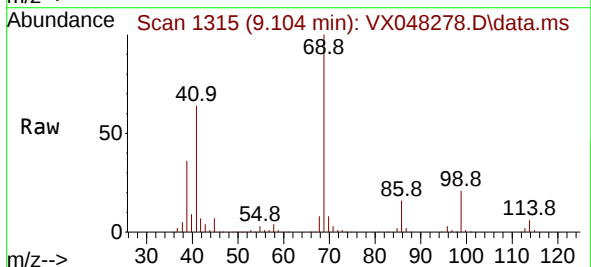
Tgt Ion: 97 Resp: 59379
Ion Ratio Lower Upper
97 100
83 83.1 70.6 105.8
85 52.9 45.0 67.6
99 62.3 50.9 76.3

Manual Integrations
APPROVED

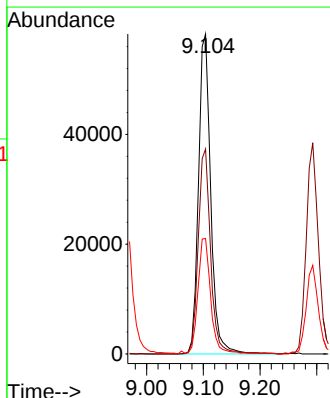
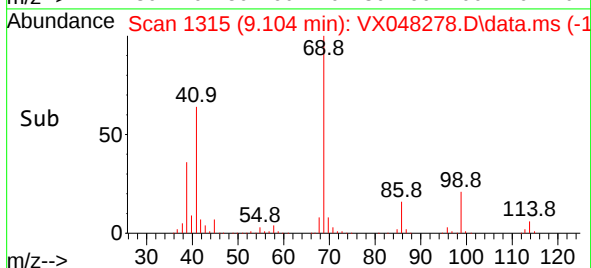
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

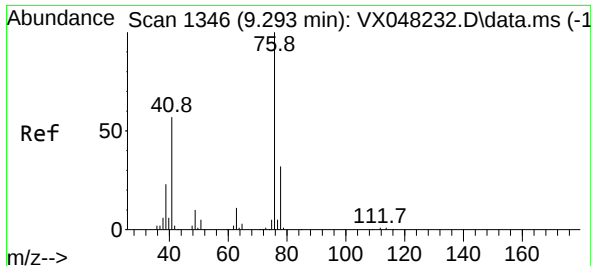


#56
Ethyl methacrylate
Concen: 49.025 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



Tgt Ion: 69 Resp: 87411
Ion Ratio Lower Upper
69 100
41 64.9 56.0 84.0
39 38.0 31.6 47.4





#57

1,3-Dichloropropane

Concen: 49.295 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10264

Ion Ratio Lower Upper

76 100

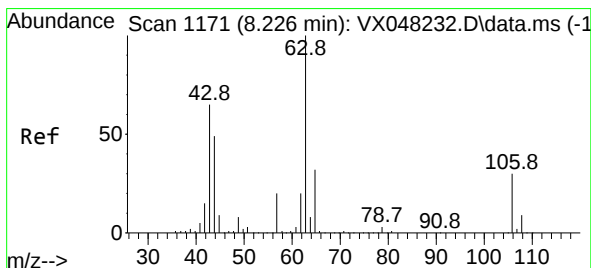
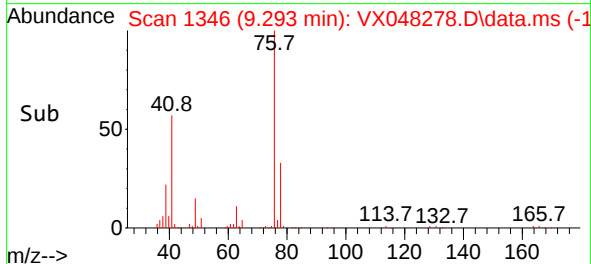
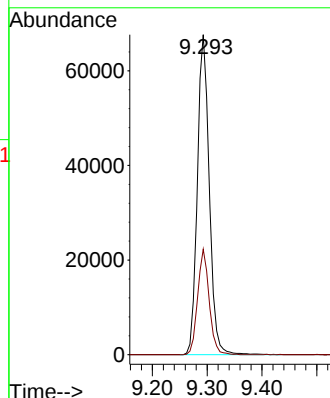
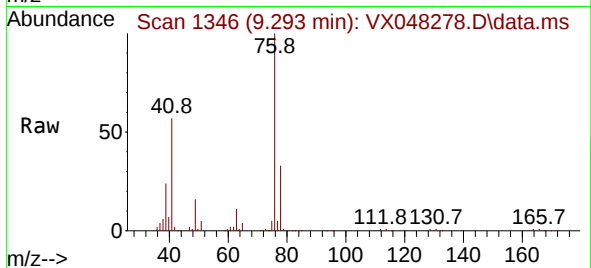
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 240.651 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048278.D

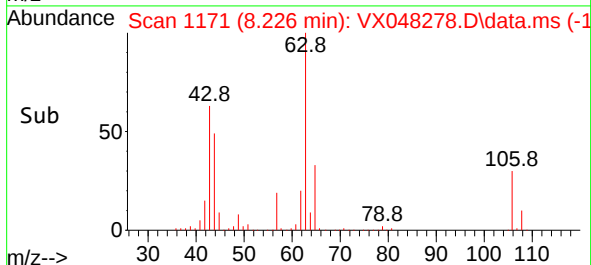
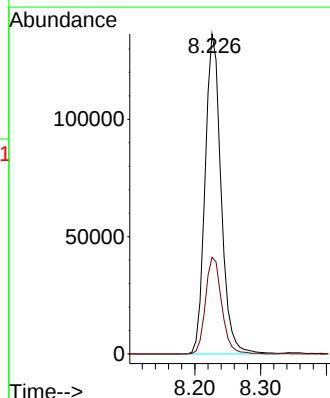
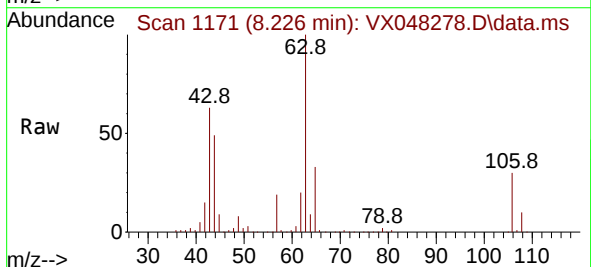
Acq: 21 Oct 2025 18:09

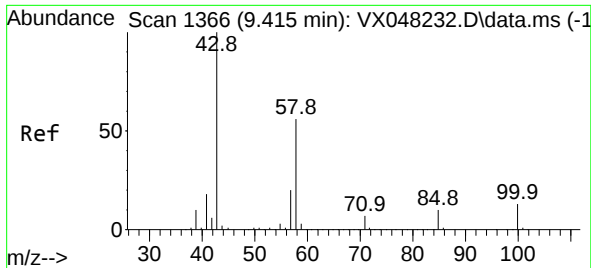
Tgt Ion: 63 Resp: 230656

Ion Ratio Lower Upper

63 100

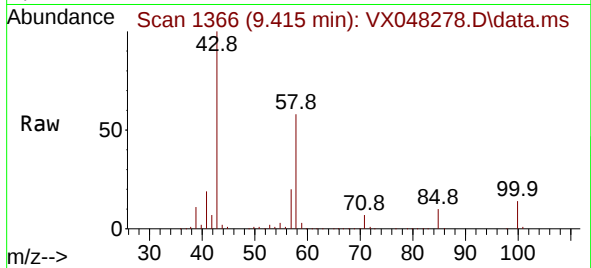
106 30.7 22.2 33.2





#59
2-Hexanone
Concen: 229.287 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

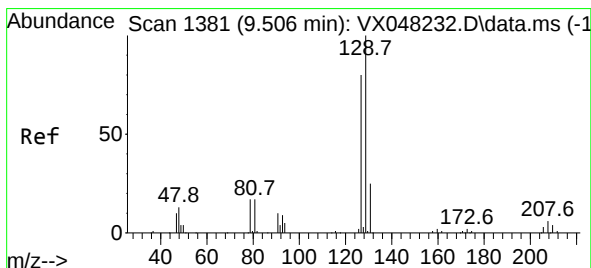
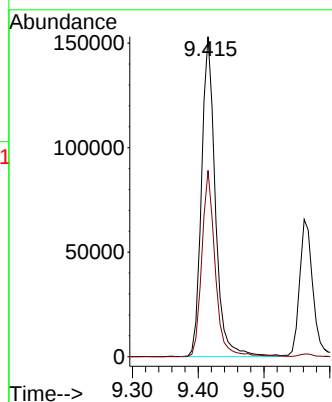
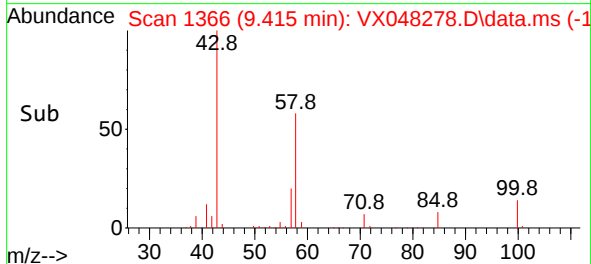
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 22305
Ion Ratio Lower Upper
43 100
58 56.4 26.3 78.8

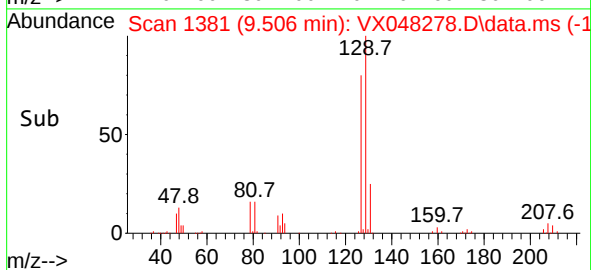
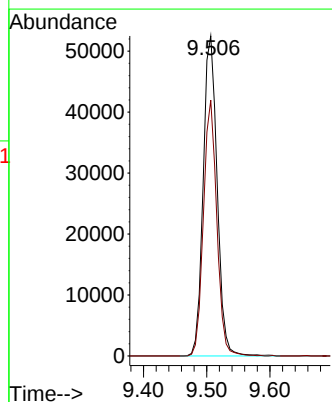
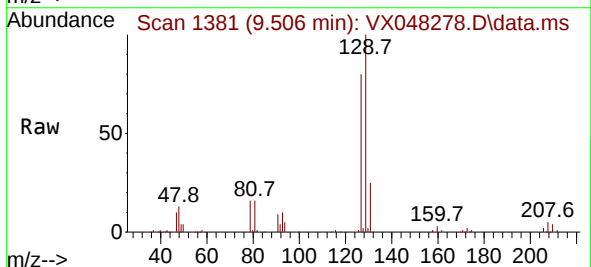
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#60
Dibromochloromethane
Concen: 49.293 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

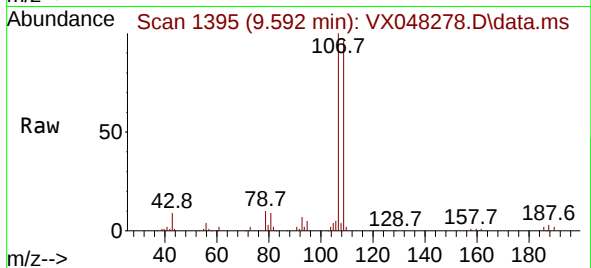
Tgt Ion:129 Resp: 80763
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7





#61
1,2-Dibromoethane
Concen: 48.532 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

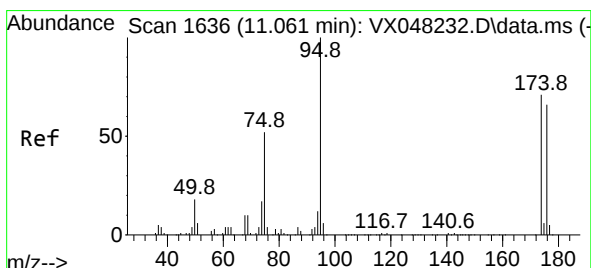
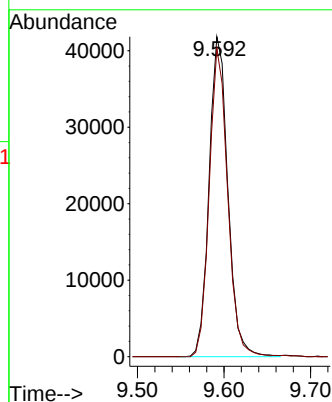
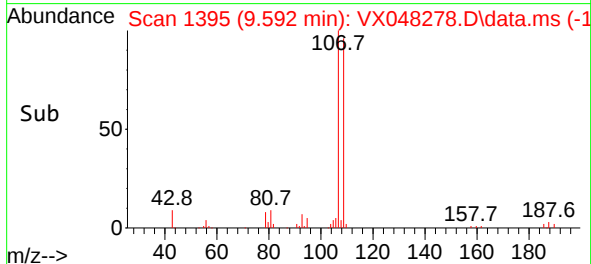
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 63070
Ion Ratio Lower Upper
107 100
109 94.6 77.0 115.4

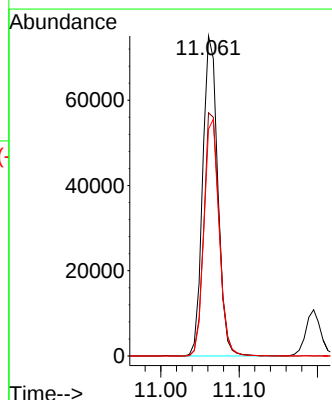
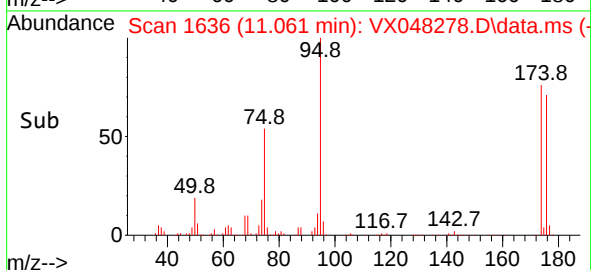
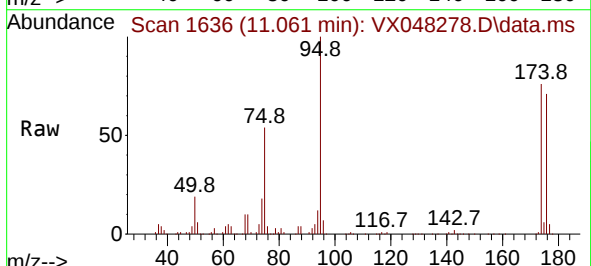
Manual Integrations
APPROVED

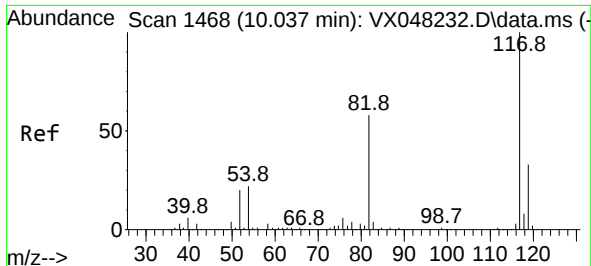
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 60.121 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

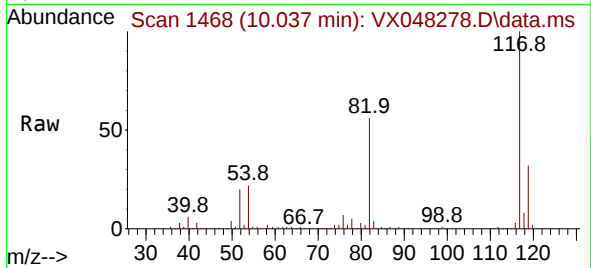
Tgt Ion: 95 Resp: 100241
Ion Ratio Lower Upper
95 100
174 76.9 0.0 147.8
176 73.9 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

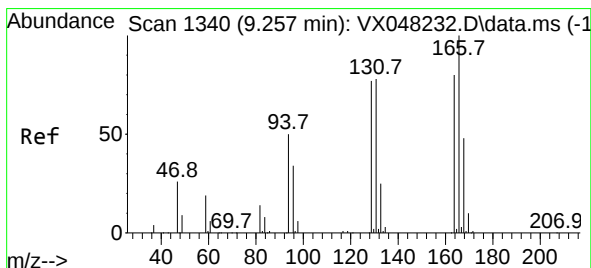
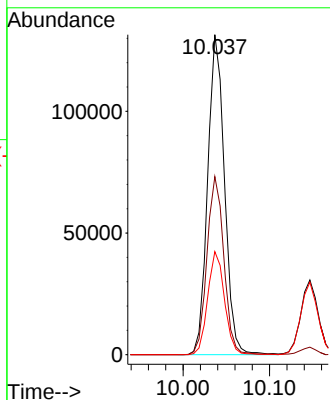
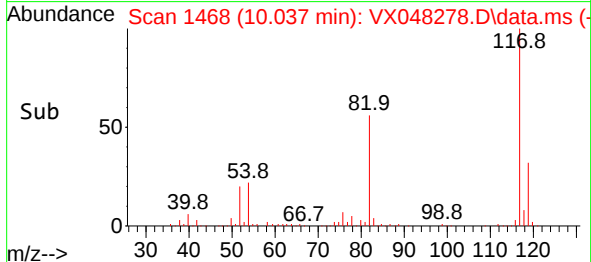
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 177679
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 32.2 25.9 38.9

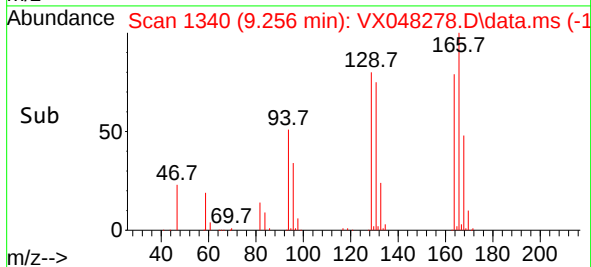
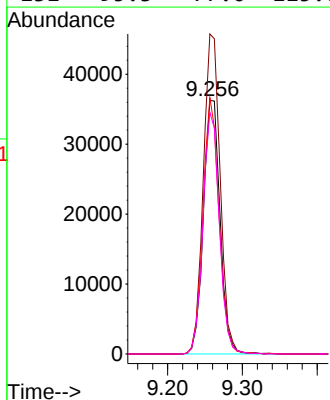
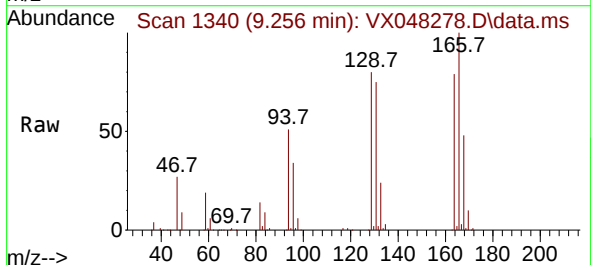
Manual Integrations
APPROVED

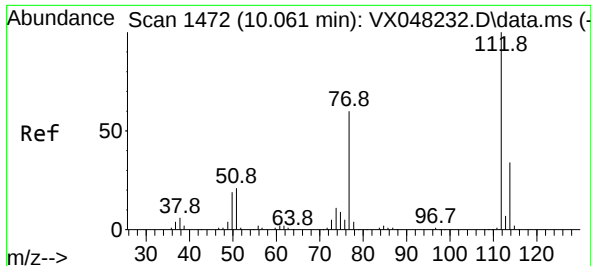
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 42.374 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:164 Resp: 56206
Ion Ratio Lower Upper
164 100
166 126.2 104.5 156.7
129 101.1 81.8 122.6
131 95.3 77.0 115.6





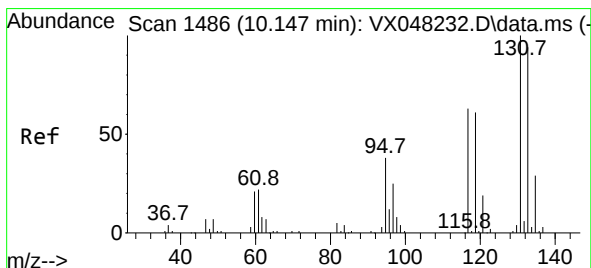
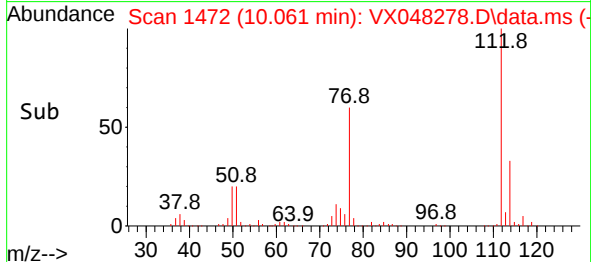
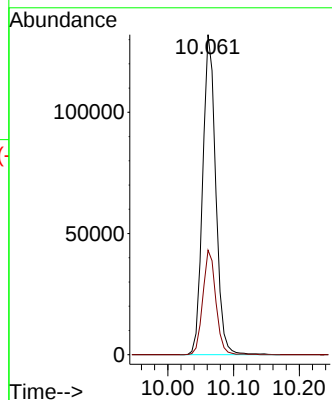
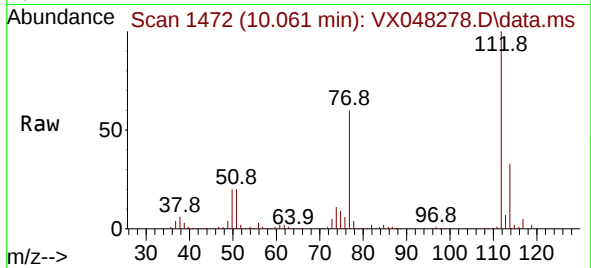
#65
Chlorobenzene
Concen: 45.637 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 182408
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

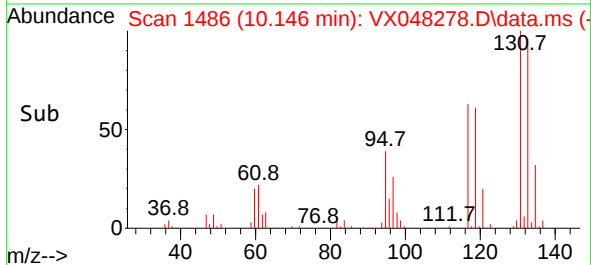
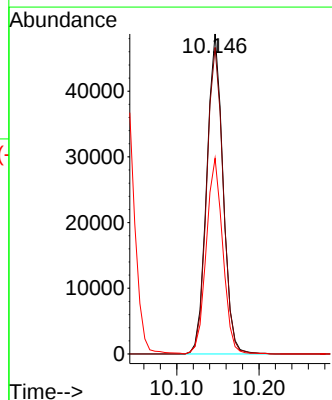
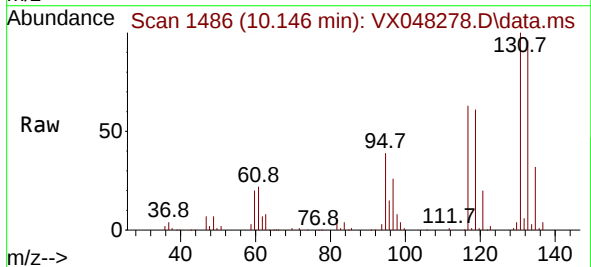
Manual Integrations
APPROVED

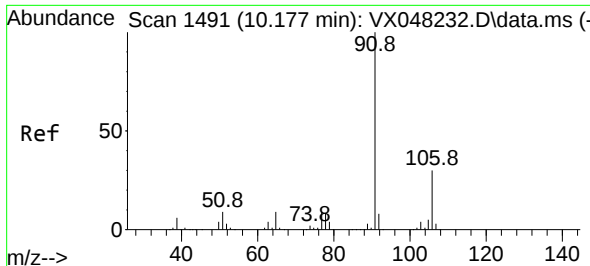
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.726 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

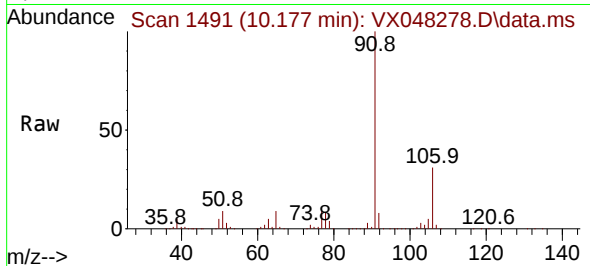
Tgt Ion:131 Resp: 67128
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 62.0 32.5 97.5





#67
Ethyl Benzene
Concen: 45.338 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

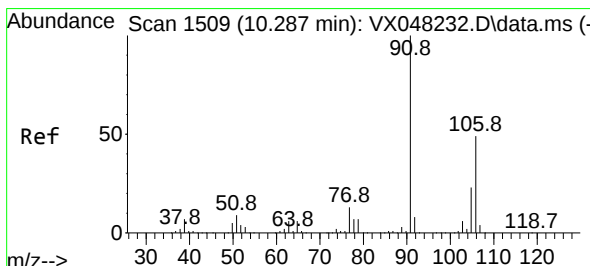
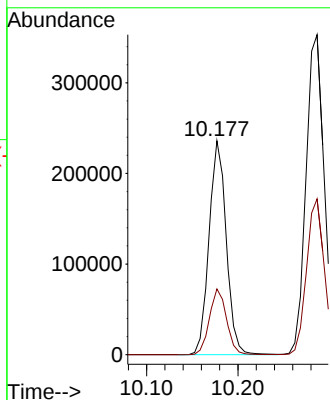
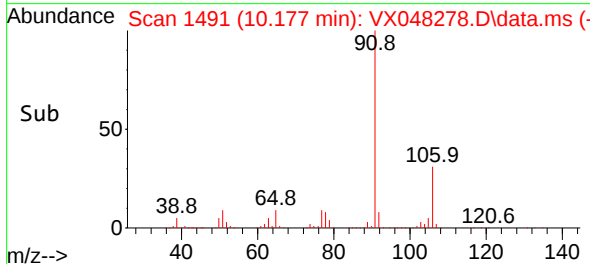
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



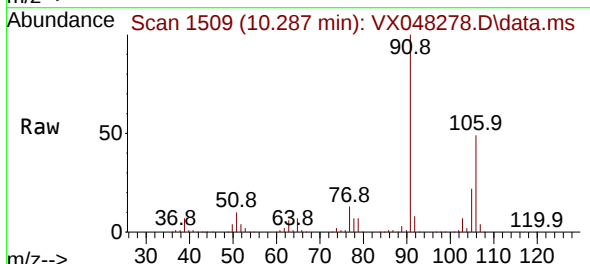
Tgt Ion: 91 Resp: 308529
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6

Manual Integrations
APPROVED

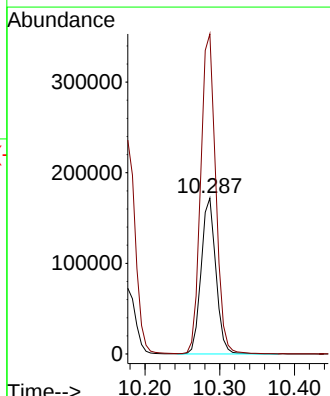
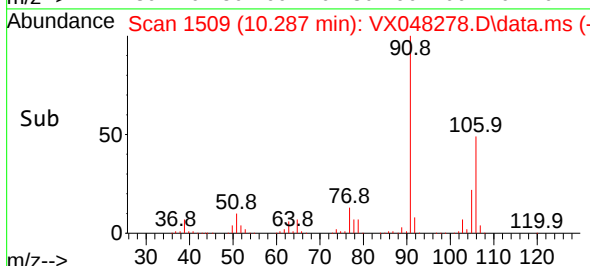
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

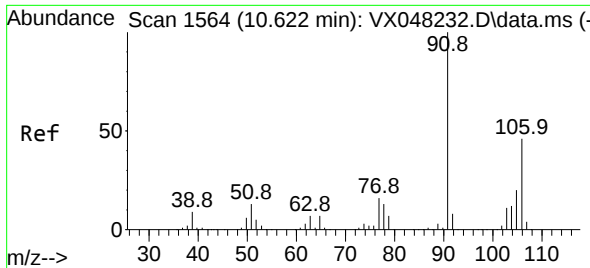


#68
m/p-Xylenes
Concen: 93.046 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



Tgt Ion:106 Resp: 235258
Ion Ratio Lower Upper
106 100
91 209.5 167.9 251.9





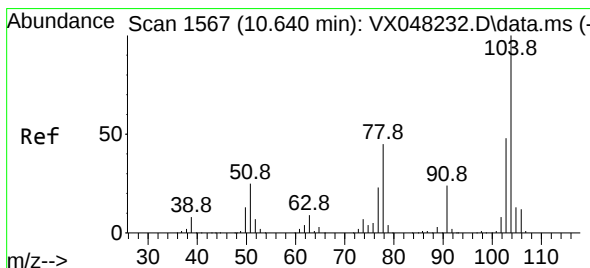
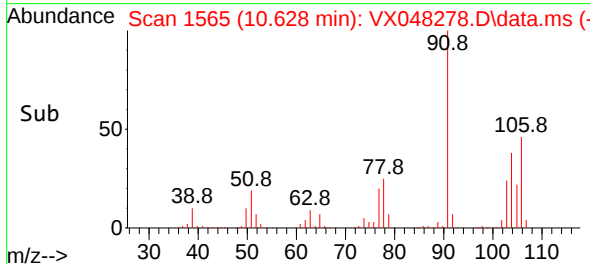
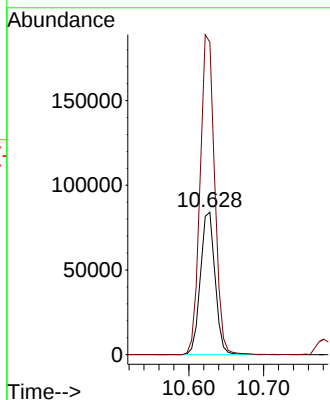
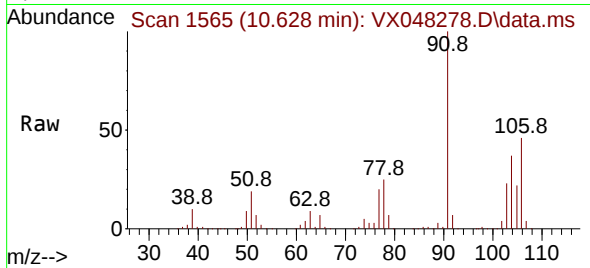
#69
o-Xylene
Concen: 46.976 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 114670
Ion Ratio Lower Upper
106 100
91 223.5 111.3 333.9

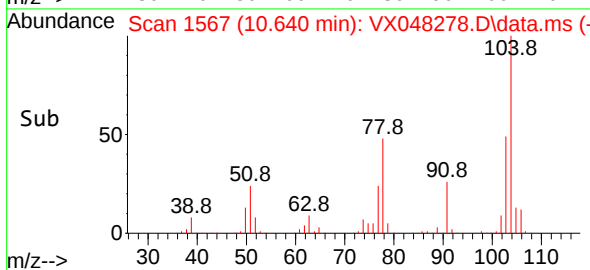
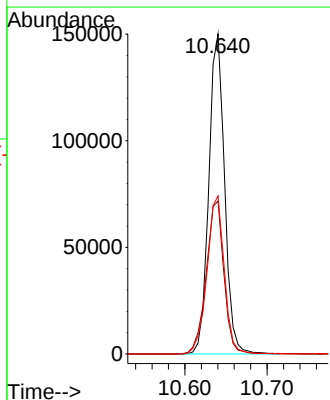
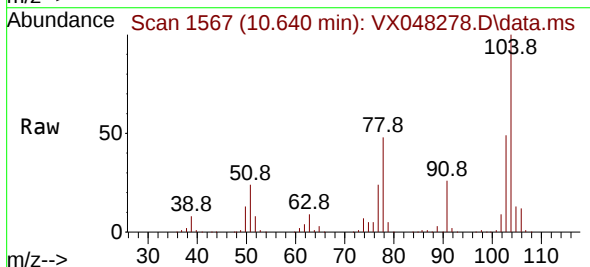
Manual Integrations
APPROVED

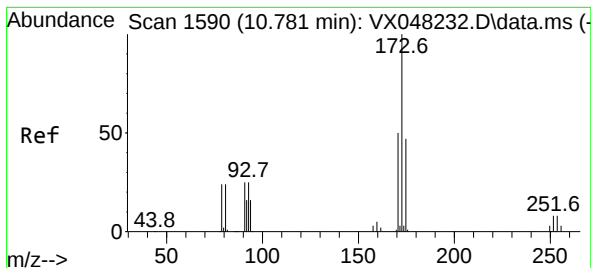
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 48.144 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:104 Resp: 200106
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.2 43.0 64.4





#71

Bromoform

Concen: 46.009 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

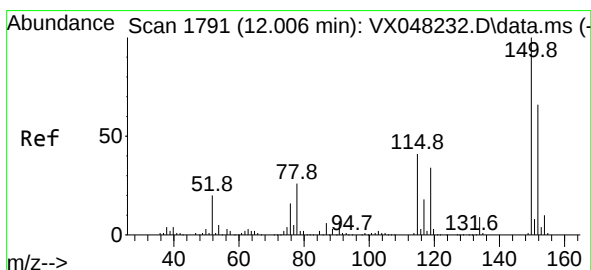
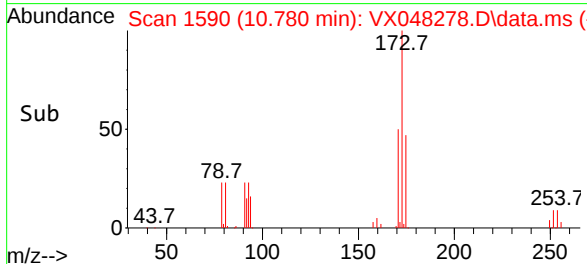
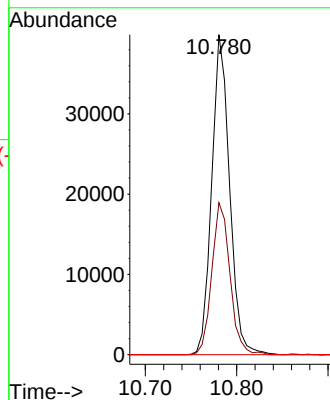
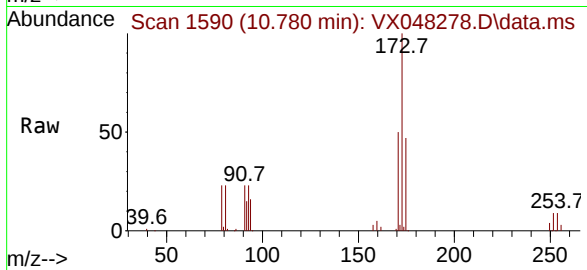
Tgt Ion:173 Resp: 53984
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

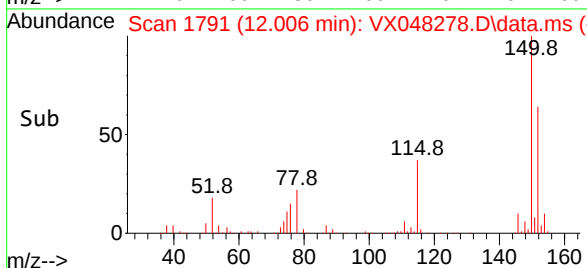
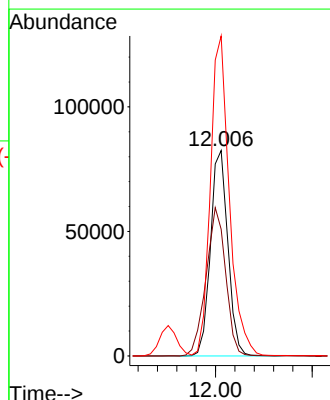
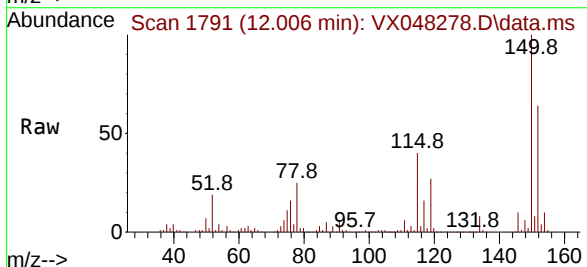
RT: 12.006 min Scan# 1791

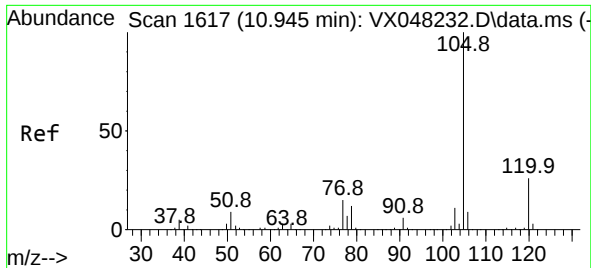
Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

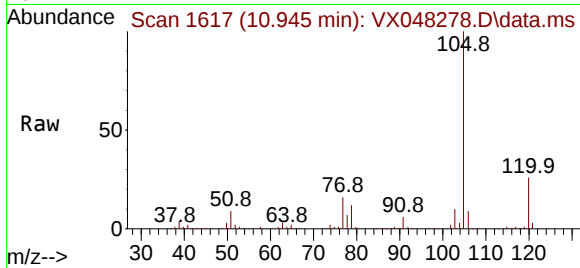
Tgt Ion:152 Resp: 103139
 Ion Ratio Lower Upper
 152 100
 115 81.5 43.1 129.4
 150 168.7 0.0 353.0





#73
Isopropylbenzene
Concen: 41.323 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

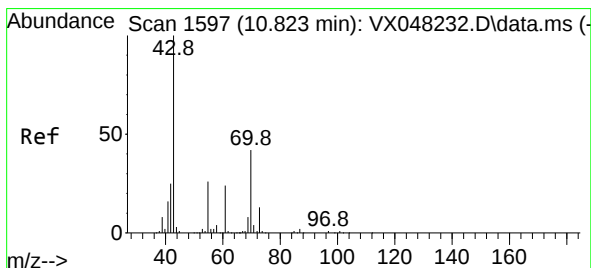
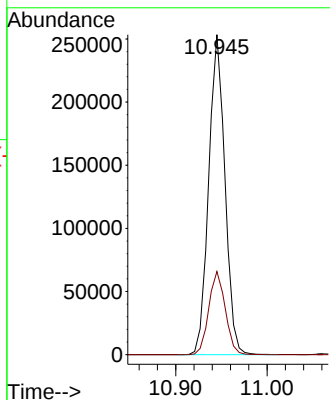
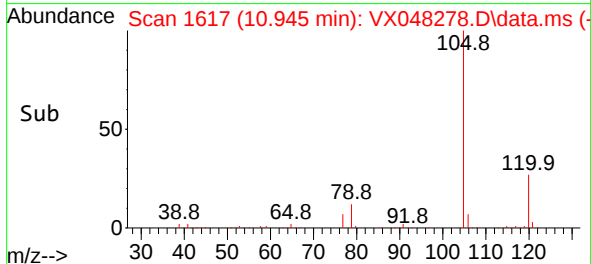
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



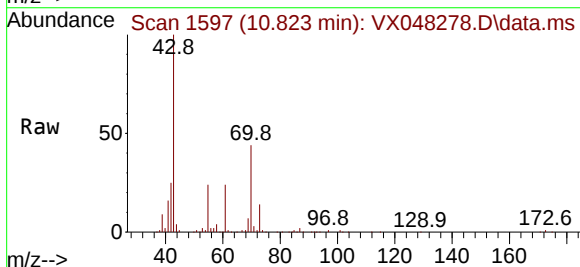
Tgt Ion:105 Resp: 311290
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
APPROVED

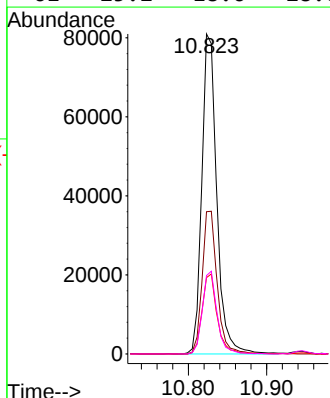
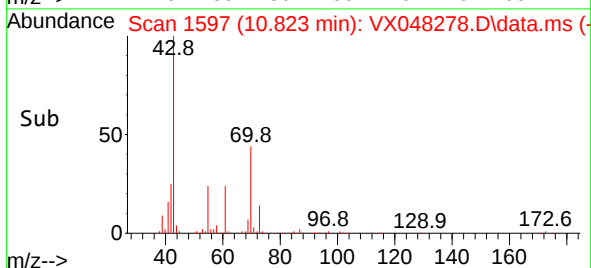
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

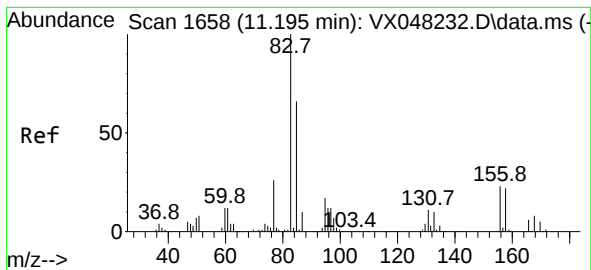


#74
N-ethyl acetate
Concen: 40.243 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



Tgt Ion: 43 Resp: 107536
Ion Ratio Lower Upper
43 100
70 44.7 32.2 48.2
55 25.2 19.1 28.7
61 25.2 18.6 28.0





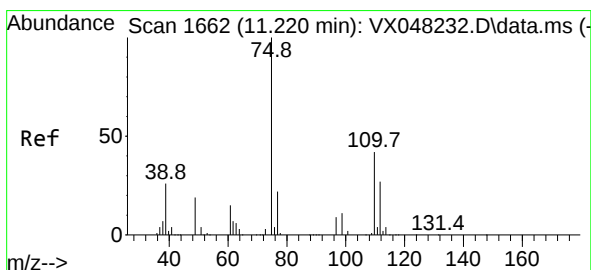
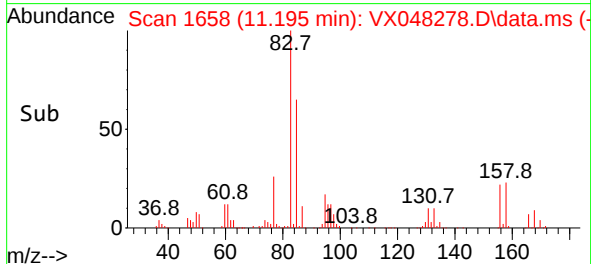
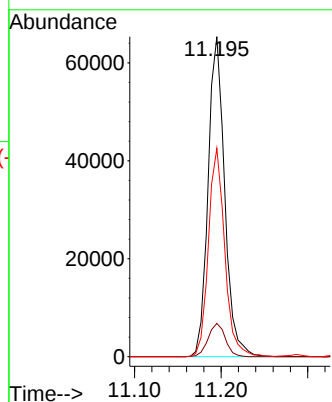
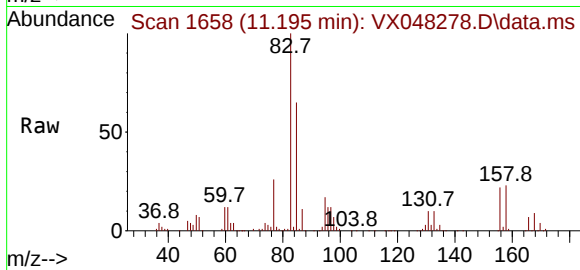
#75
1,1,2,2-Tetrachloroethane
Concen: 42.247 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8691
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 64.2 31.9 95.7

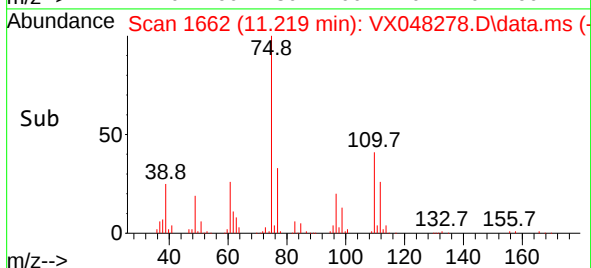
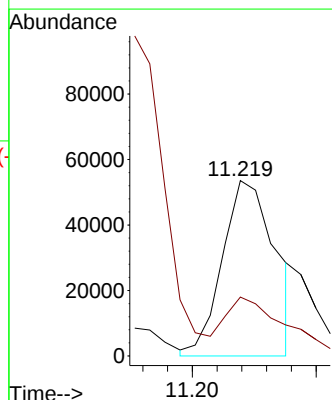
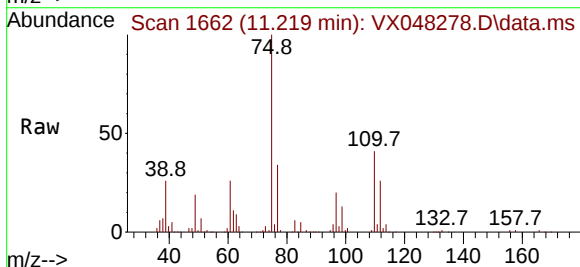
Manual Integrations
APPROVED

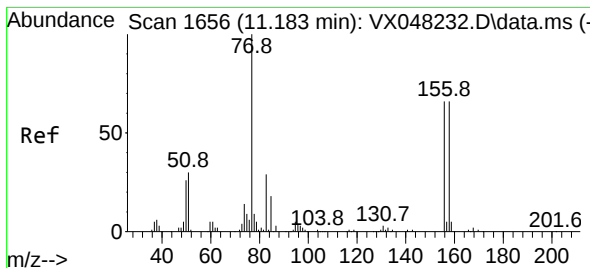
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#76
1,2,3-Trichloropropane
Concen: 47.529 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion: 75 Resp: 79495
Ion Ratio Lower Upper
75 100
77 38.2 22.4 67.2





#77

Bromobenzene

Concen: 42.643 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 80549

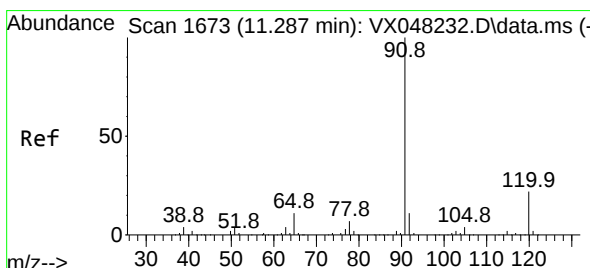
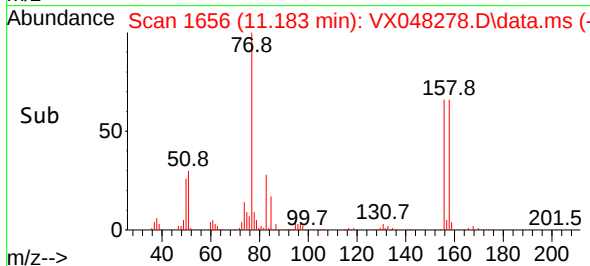
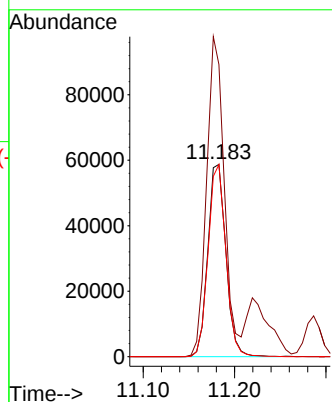
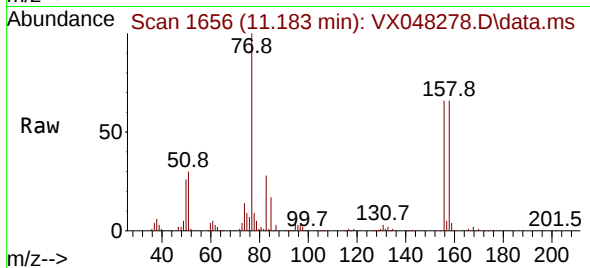
Ion	Ratio	Lower	Upper
156	100		
77	162.8	87.0	261.0
158	98.1	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#78

n-propylbenzene

Concen: 41.944 ug/l

RT: 11.286 min Scan# 1673

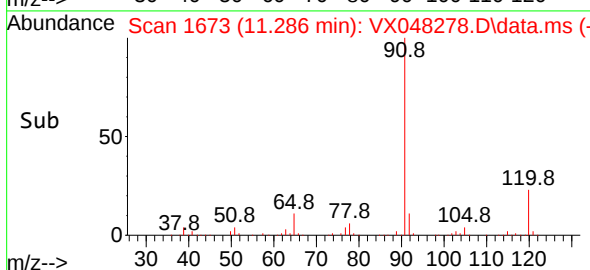
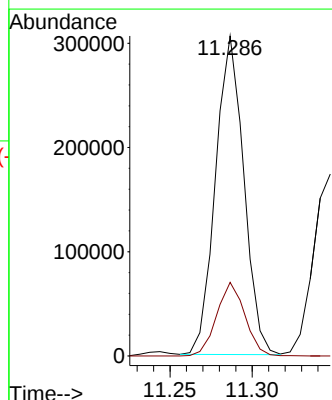
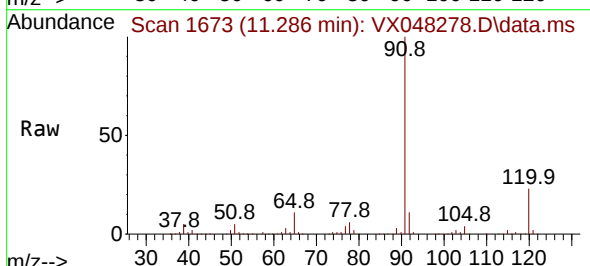
Delta R.T. -0.000 min

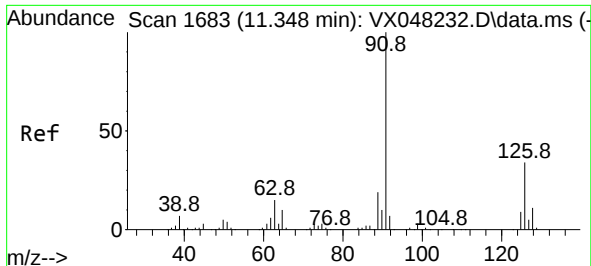
Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Tgt Ion: 91 Resp: 365847

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.1	33.1





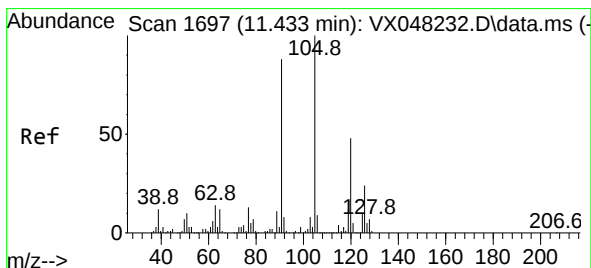
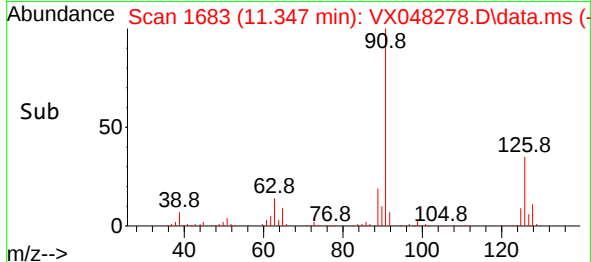
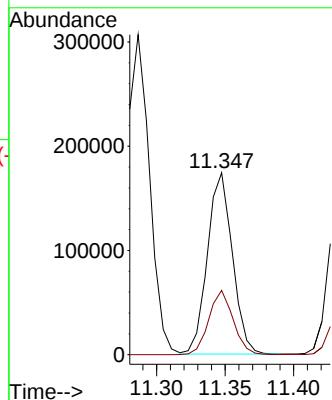
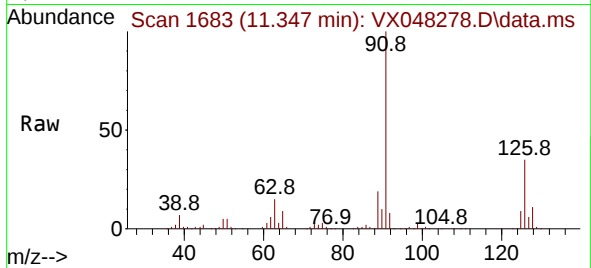
#79
2-Chlorotoluene
Concen: 41.700 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 220518
Ion Ratio Lower Upper
91 100
126 34.6 16.4 49.4

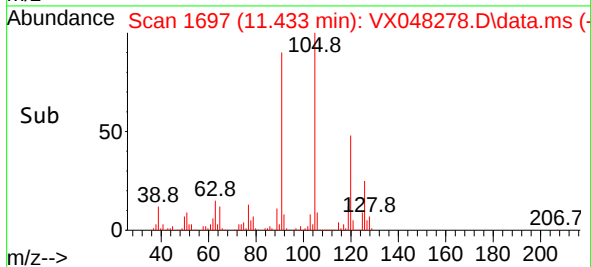
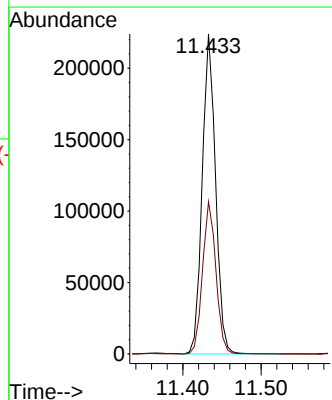
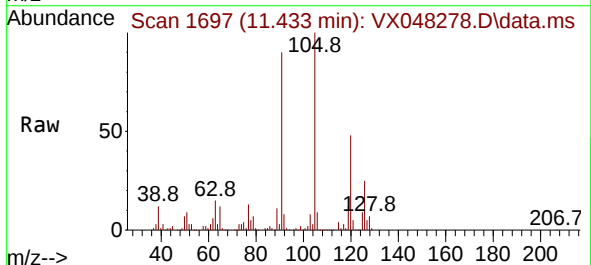
Manual Integrations
APPROVED

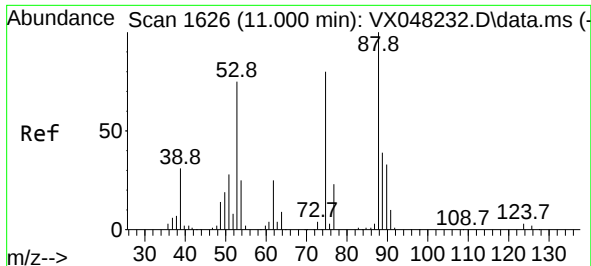
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 42.365 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

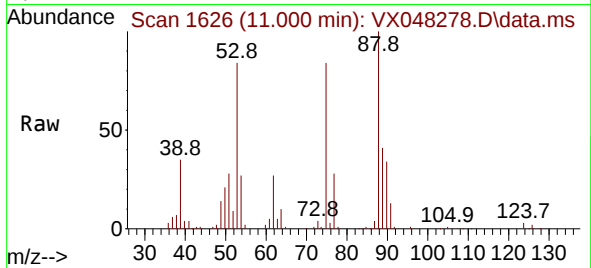
Tgt Ion:105 Resp: 264110
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 40.195 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

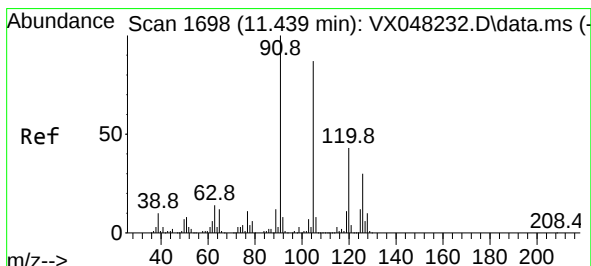
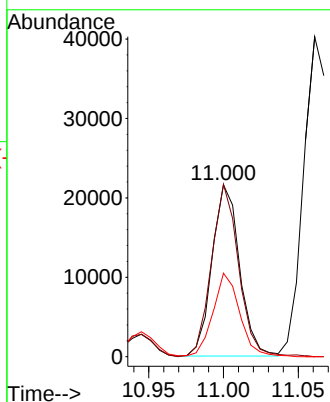
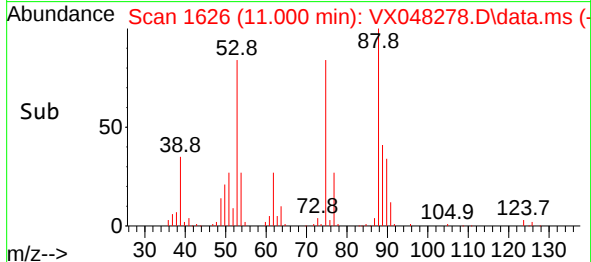
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



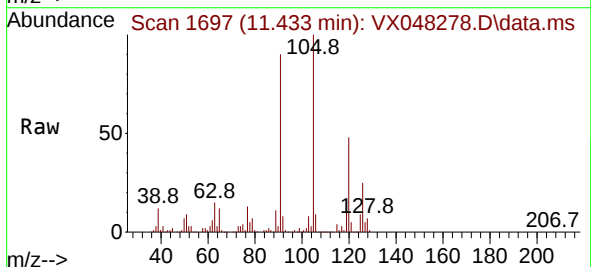
Tgt Ion: 75 Resp: 2763
Ion Ratio Lower Upper
75 100
53 99.4 79.5 119.3
89 47.4 36.8 55.2

Manual Integrations
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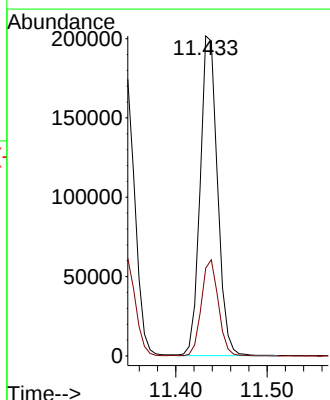
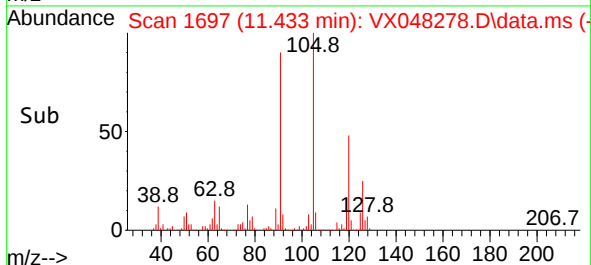
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

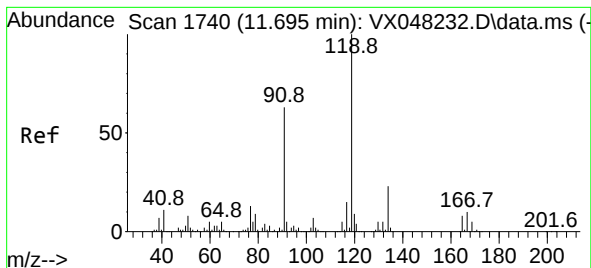


#82
4-Chlorotoluene
Concen: 42.258 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



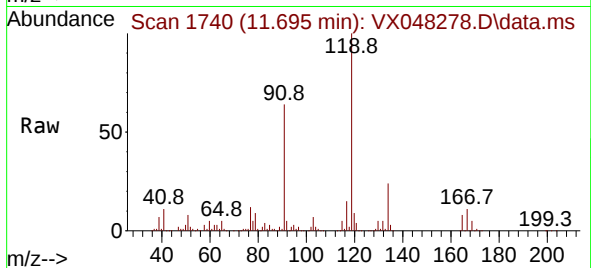
Tgt Ion: 91 Resp: 265279
Ion Ratio Lower Upper
91 100
126 29.4 14.1 42.4





#83
tert-Butylbenzene
Concen: 42.107 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

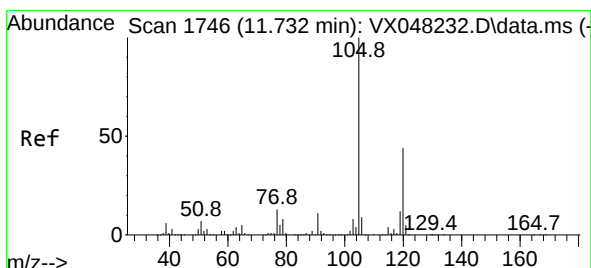
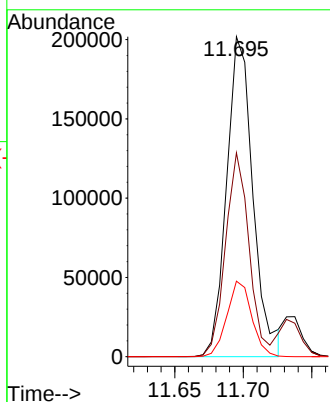
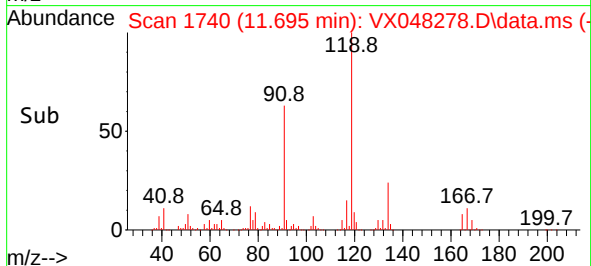
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



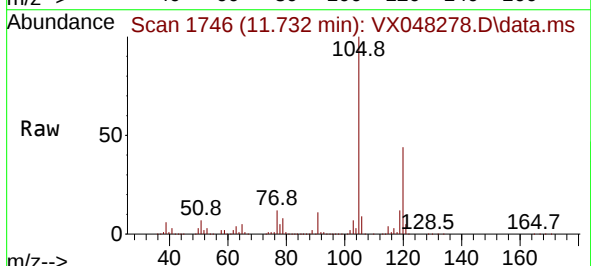
Tgt Ion:119 Resp: 269712
Ion Ratio Lower Upper
119 100
91 57.2 30.3 91.0
134 22.3 11.4 34.2

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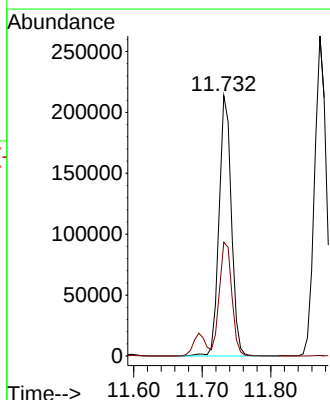
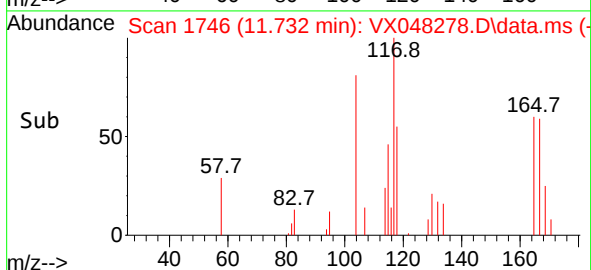
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#84
1,2,4-Trimethylbenzene
Concen: 42.577 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09



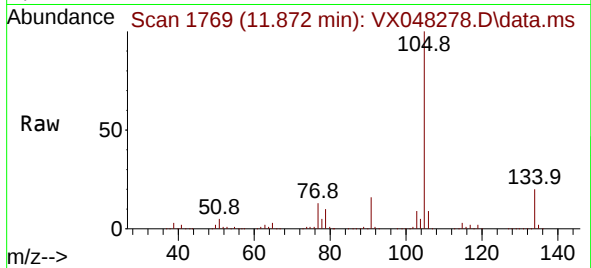
Tgt Ion:105 Resp: 264898
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 40.863 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09

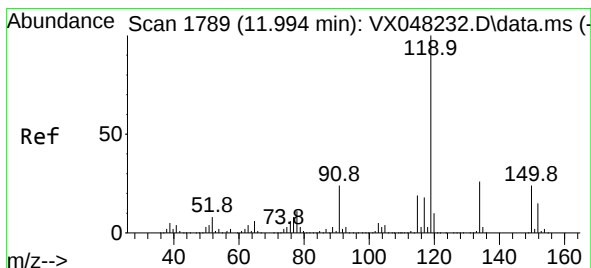
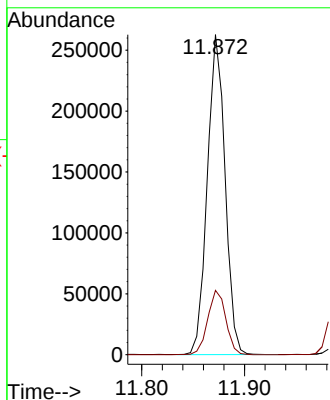
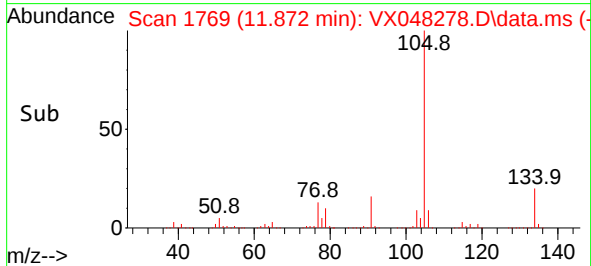
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



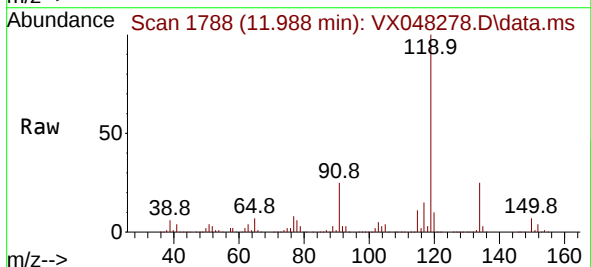
Tgt Ion:105 Resp: 31490
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
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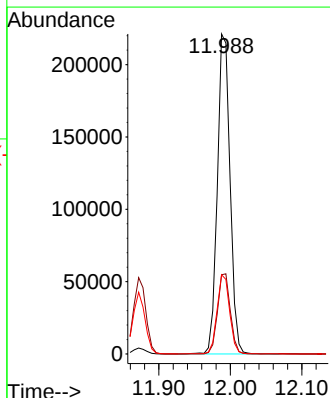
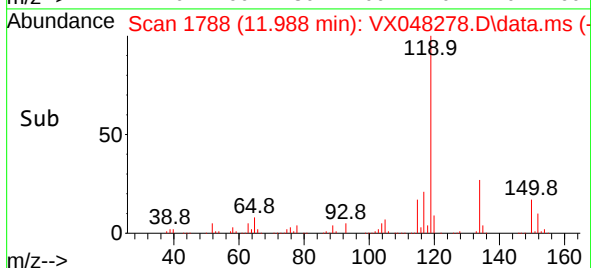
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

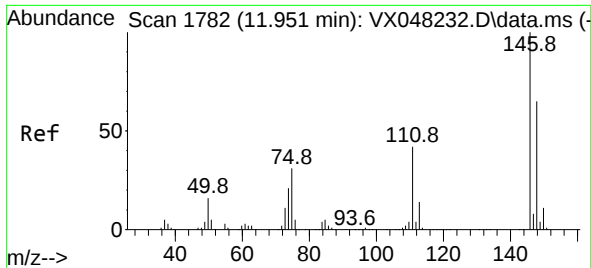


#86
 p-Isopropyltoluene
 Concen: 40.931 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048278.D
 Acq: 21 Oct 2025 18:09



Tgt Ion:119 Resp: 272639
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 40.908 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 145669

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

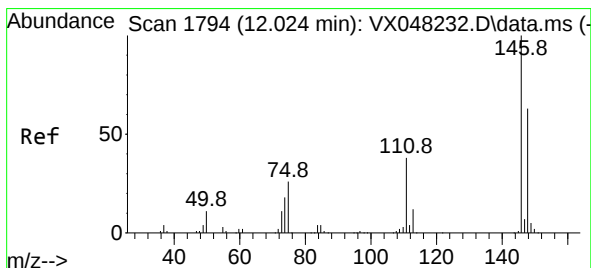
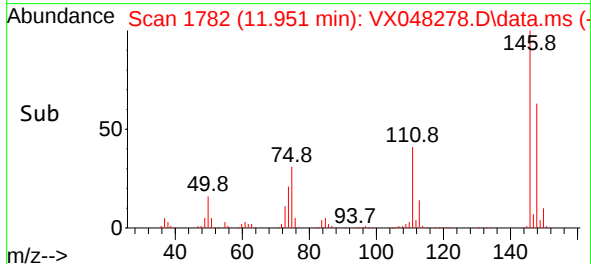
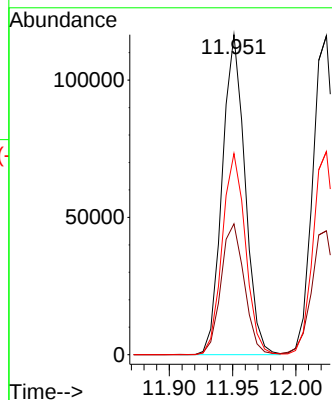
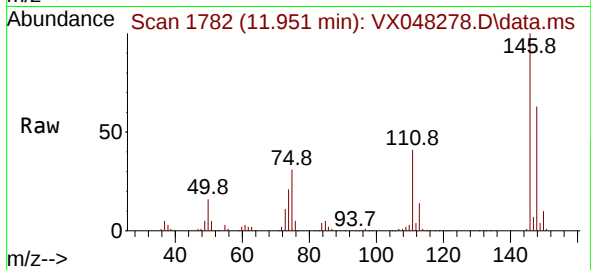
148 63.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 40.270 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048278.D

Acq: 21 Oct 2025 18:09

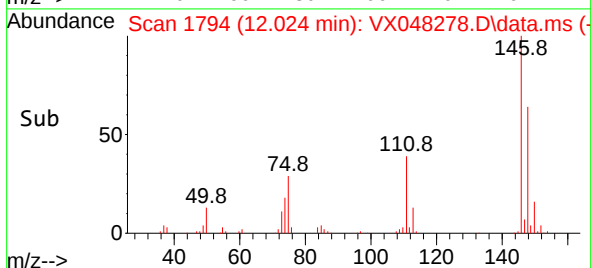
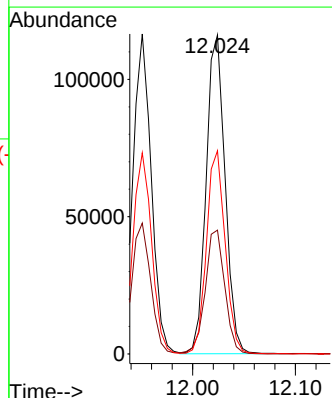
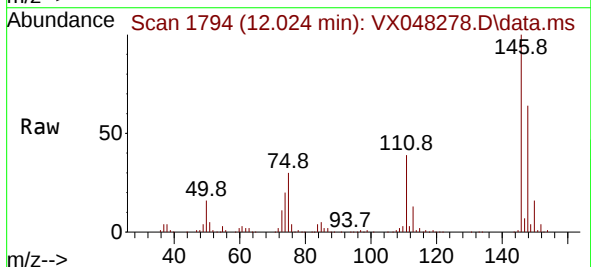
Tgt Ion:146 Resp: 148555

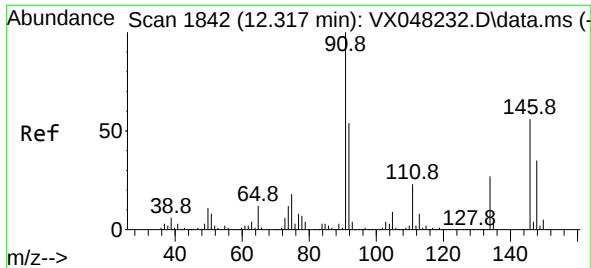
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.2

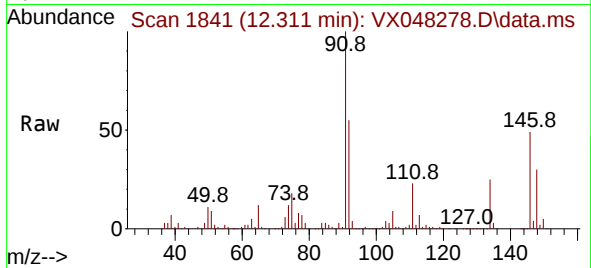
148 63.4 31.8 95.3





#89
n-Butylbenzene
Concen: 39.088 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

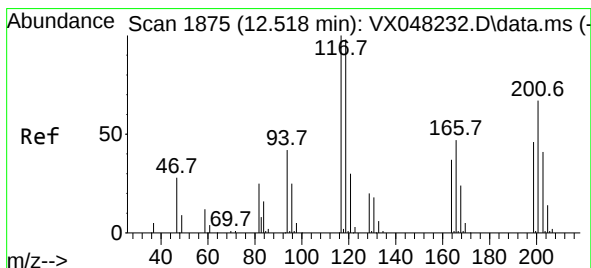
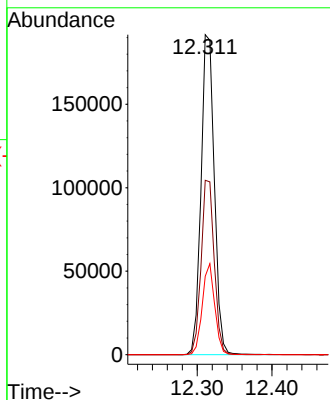
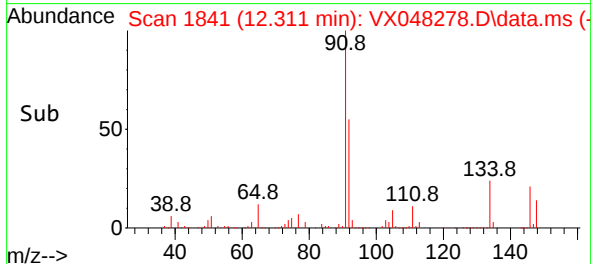
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 23698
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 26.6 12.7 38.1

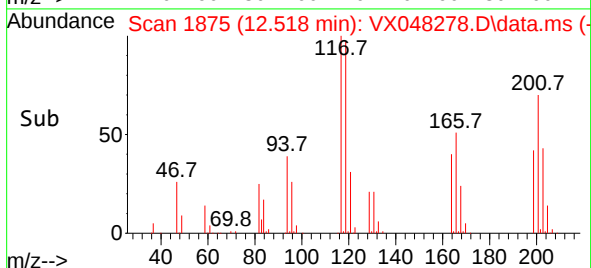
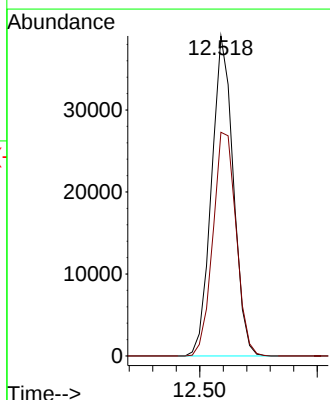
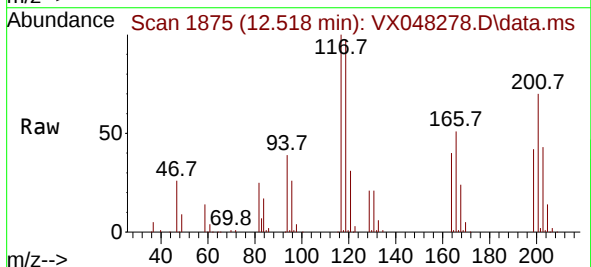
Manual Integrations
APPROVED

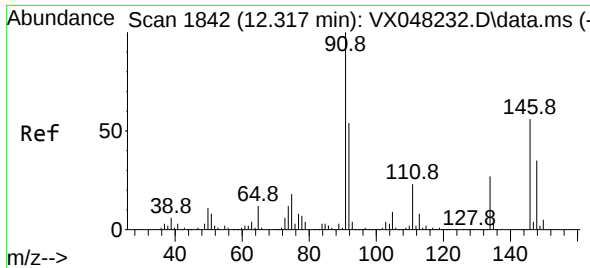
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#90
Hexachloroethane
Concen: 38.153 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

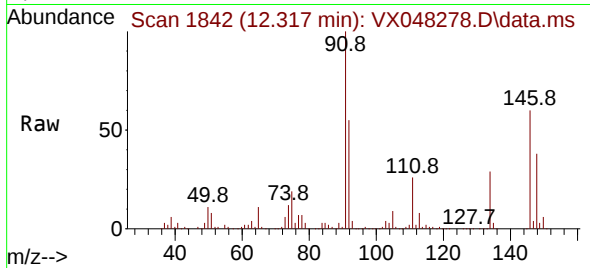
Tgt Ion:117 Resp: 50186
Ion Ratio Lower Upper
117 100
201 74.6 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 42.066 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

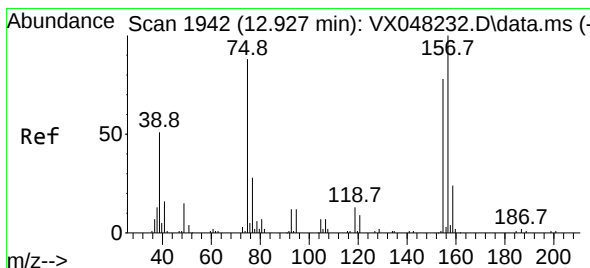
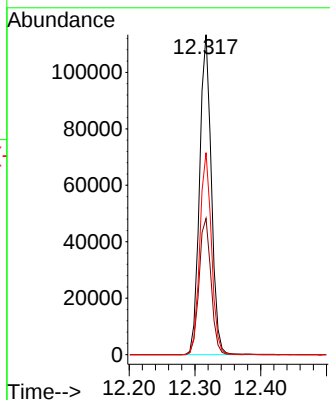
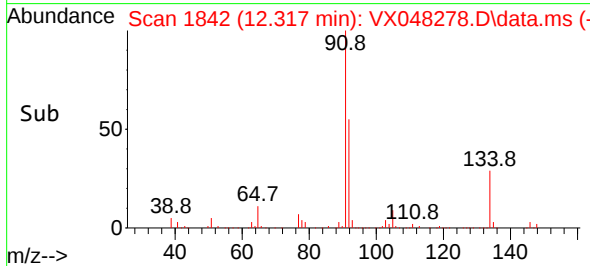
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 140638
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 62.7 31.9 95.5

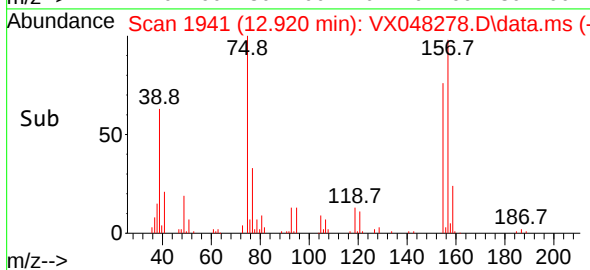
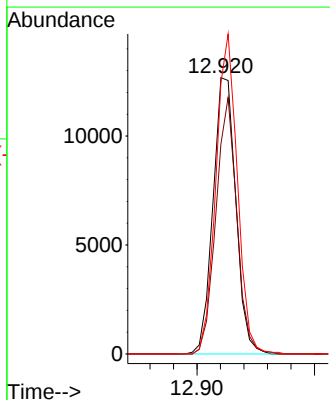
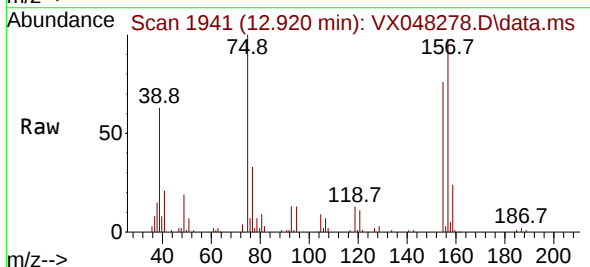
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.930 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

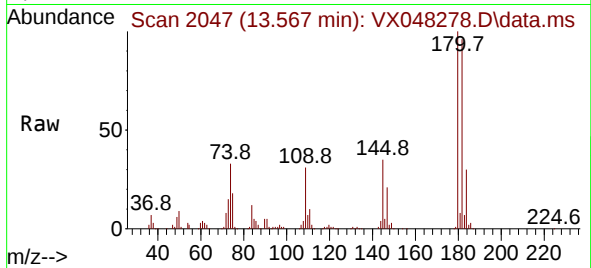
Tgt Ion: 75 Resp: 17092
Ion Ratio Lower Upper
75 100
155 85.0 42.8 128.4
157 108.8 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 38.490 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

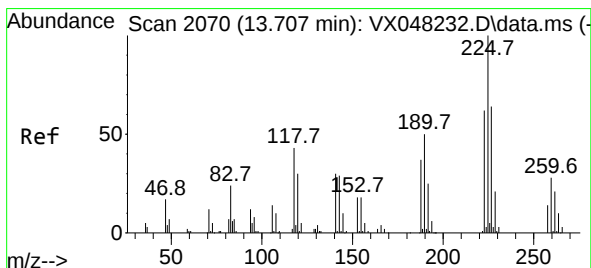
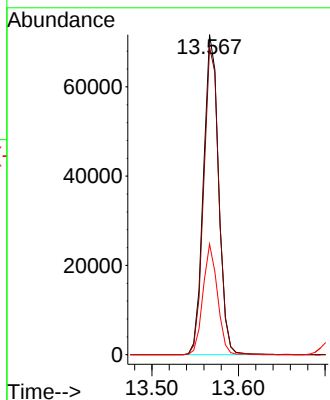
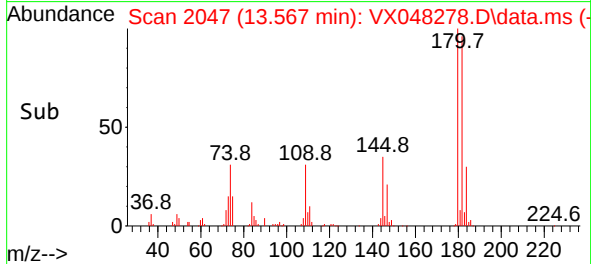
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 87024
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 33.1 16.3 48.9

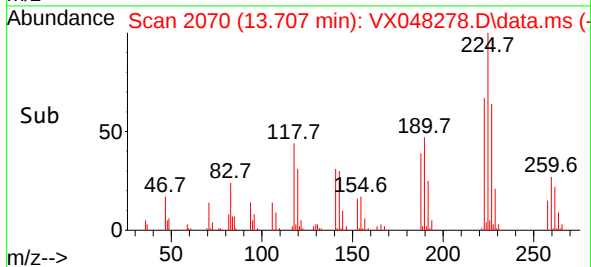
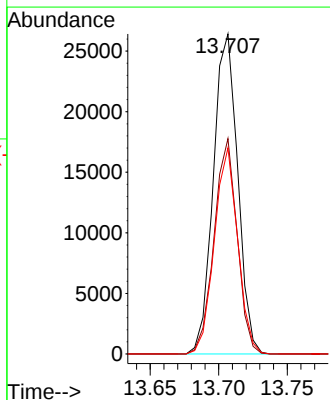
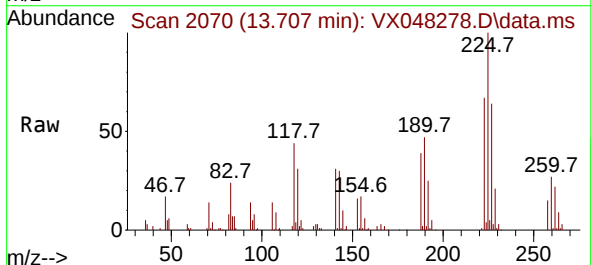
Manual Integrations
APPROVED

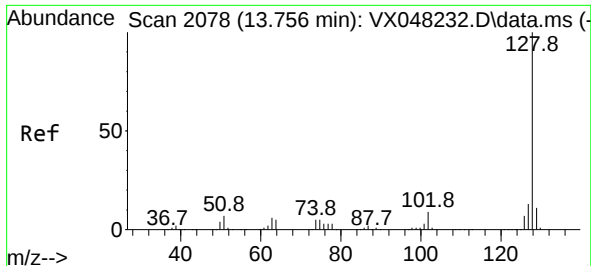
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#94
Hexachlorobutadiene
Concen: 38.565 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

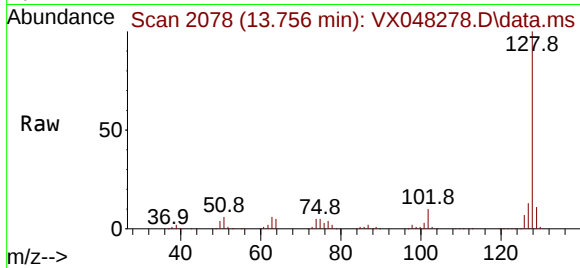
Tgt Ion:225 Resp: 32660
Ion Ratio Lower Upper
225 100
223 63.6 32.6 97.7
227 61.7 32.5 97.4





#95
Naphthalene
Concen: 41.822 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

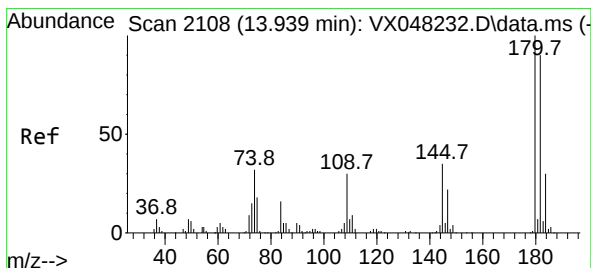
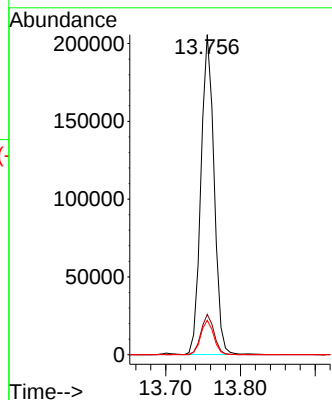
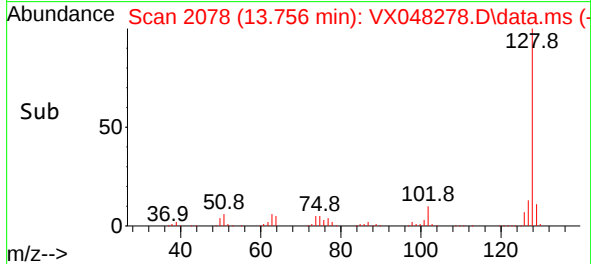
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 250514
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 40.246 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048278.D
Acq: 21 Oct 2025 18:09

Tgt Ion:180 Resp: 83499
Ion Ratio Lower Upper
180 100
182 94.9 46.6 139.7
145 34.5 16.9 50.7

