

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048072.D
 Acq On : 09 Oct 2025 09:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:15:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	133891	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	232812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	103010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	116172	54.510	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.020%			
35) Dibromofluoromethane	5.367	113	91936	58.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.760%			
50) Toluene-d8	8.628	98	294822	54.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.140%			
62) 4-Bromofluorobenzene	11.061	95	111926	54.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	68753	49.589	ug/l	99
3) Chloromethane	1.300	50	77854	42.725	ug/l	98
4) Vinyl Chloride	1.380	62	83548	46.839	ug/l	98
5) Bromomethane	1.617	94	56890	50.297	ug/l	96
6) Chloroethane	1.697	64	58424	49.006	ug/l	97
7) Trichlorofluoromethane	1.892	101	139589	52.705	ug/l	99
8) Diethyl Ether	2.136	74	56104	51.785	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	83027	53.613	ug/l	98
10) Methyl Iodide	2.453	142	77947	32.273	ug/l	99
11) Tert butyl alcohol	2.934	59	48364	203.758	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78008	49.038	ug/l	94
13) Acrolein	2.233	56	53246	243.432	ug/l	99
14) Allyl chloride	2.666	41	155668	47.422	ug/l	98
15) Acrylonitrile	3.056	53	227926	259.244	ug/l	98
16) Acetone	2.367	43	225939	243.822	ug/l	98
17) Carbon Disulfide	2.514	76	175903	40.392	ug/l	98
18) Methyl Acetate	2.697	43	112820	54.707	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	298962	51.483	ug/l	98
20) Methylene Chloride	2.788	84	99425	50.689	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	84291	49.217	ug/l	97
22) Diisopropyl ether	3.745	45	345267	54.272	ug/l	92
23) Vinyl Acetate	3.709	43	1293543	254.054	ug/l	100
24) 1,1-Dichloroethane	3.599	63	179784	53.170	ug/l	99
25) 2-Butanone	4.532	43	276334	239.067	ug/l	100
26) 2,2-Dichloropropane	4.458	77	144896	51.551	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	108592	51.774	ug/l	99
28) Bromochloromethane	4.879	49	81555	55.247	ug/l	98
29) Tetrahydrofuran	4.983	42	155976	224.312	ug/l	100
30) Chloroform	5.074	83	188262	55.097	ug/l	99
31) Cyclohexane	5.458	56	115758	41.104	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	151590	52.303	ug/l	99
36) 1,1-Dichloropropene	5.678	75	106138	46.521	ug/l	99
37) Ethyl Acetate	4.690	43	112300	45.971	ug/l	100
38) Carbon Tetrachloride	5.659	117	125955	50.811	ug/l	99
39) Methylcyclohexane	7.360	83	110215	42.557	ug/l	99
40) Benzene	6.019	78	351292	50.695	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	65112	51.630	ug/l	98
42) 1,2-Dichloroethane	6.062	62	137528	52.161	ug/l	99
43) Isopropyl Acetate	6.318	43	190095	47.447	ug/l	99
44) Trichloroethene	7.104	130	84344	50.345	ug/l	96
45) 1,2-Dichloropropane	7.409	63	95971	54.087	ug/l	99
46) Dibromomethane	7.562	93	68547	53.086	ug/l	100
47) Bromodichloromethane	7.799	83	149105	55.959	ug/l	99
48) Methyl methacrylate	7.671	41	96035	48.122	ug/l	99
49) 1,4-Dioxane	7.641	88	21743	1078.083	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	547938	246.669	ug/l	99
52) Toluene	8.702	92	215506	50.478	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	141924	52.219	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	153909	52.981	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	90228	54.809	ug/l	98
56) Ethyl methacrylate	9.098	69	129018	49.904	ug/l	98
57) 1,3-Dichloropropane	9.293	76	153817	54.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	328449	264.840	ug/l	100
59) 2-Hexanone	9.415	43	377013	236.316	ug/l	100
60) Dibromochloromethane	9.500	129	109325	57.636	ug/l	99
61) 1,2-Dibromoethane	9.592	107	89398	53.316	ug/l	100
64) Tetrachloroethene	9.256	164	63286	46.503	ug/l	100
65) Chlorobenzene	10.061	112	241146	50.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91525	55.925	ug/l	99
67) Ethyl Benzene	10.177	91	405378	49.538	ug/l	98
68) m/p-Xylenes	10.281	106	303568	99.667	ug/l	100
69) o-Xylene	10.622	106	147195	49.964	ug/l	100
70) Styrene	10.634	104	266941	51.713	ug/l	99
71) Bromoform	10.780	173	66977	54.809	ug/l #	100
73) Isopropylbenzene	10.945	105	386794	49.390	ug/l	100
74) N-amyl acetate	10.823	43	162589	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	121967	51.476	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	95153m	45.623	ug/l	
77) Bromobenzene	11.177	156	95686	49.608	ug/l	97
78) n-propylbenzene	11.286	91	452552	48.883	ug/l	100
79) 2-Chlorotoluene	11.347	91	280600	49.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	316535	49.195	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36535	44.672	ug/l	99
82) 4-Chlorotoluene	11.433	91	331598	49.516	ug/l	99
83) tert-Butylbenzene	11.695	119	328976	49.946	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	321834	49.336	ug/l	99
85) sec-Butylbenzene	11.872	105	383128	48.971	ug/l	100
86) p-Isopropyltoluene	11.988	119	320894	48.448	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	177485	49.540	ug/l	100
88) 1,4-Dichlorobenzene	12.018	146	180566	49.106	ug/l	99
89) n-Butylbenzene	12.311	91	293503	47.890	ug/l	98
90) Hexachloroethane	12.518	117	61089	52.533	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	171406	50.218	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21991	45.842	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	104002	46.884	ug/l	99
94) Hexachlorobutadiene	13.707	225	34773	46.150	ug/l	99
95) Naphthalene	13.756	128	306217	45.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	97500	47.250	ug/l	99

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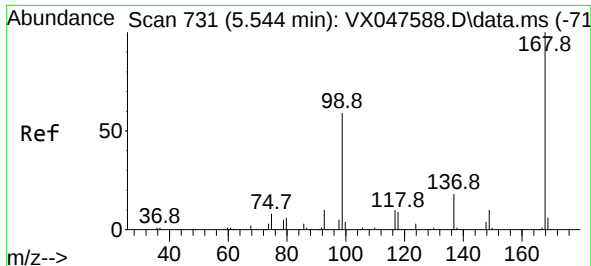
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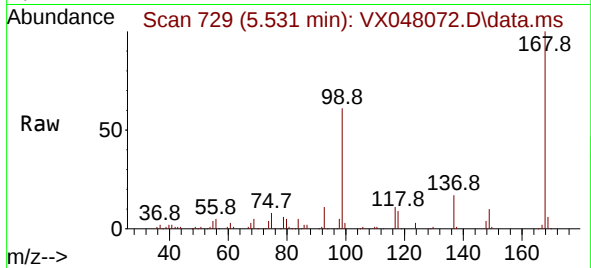
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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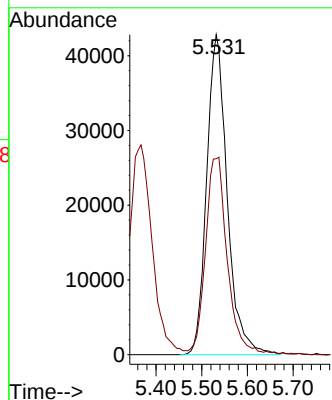
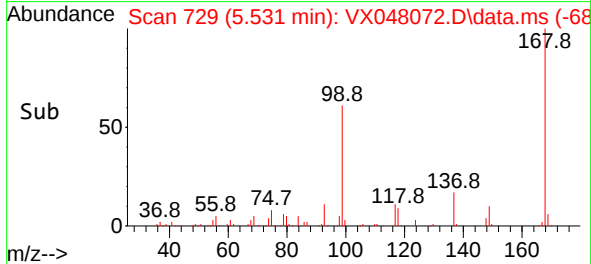
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13389
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2

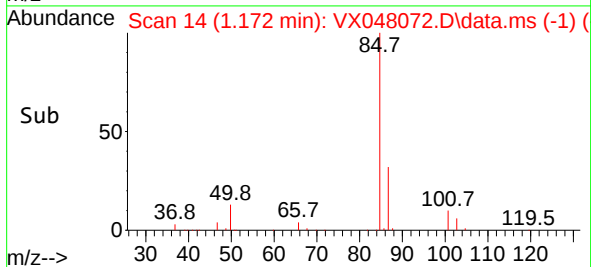
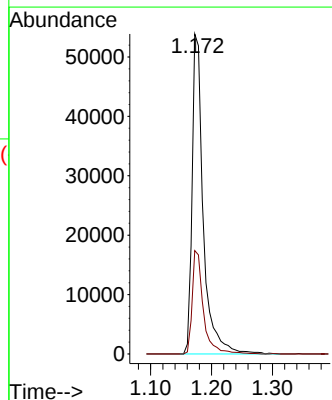
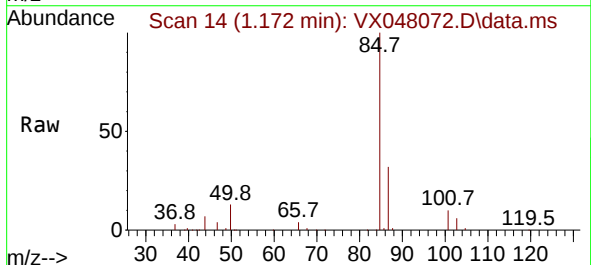
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#2
Dichlorodifluoromethane
Concen: 49.589 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 85 Resp: 68753
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





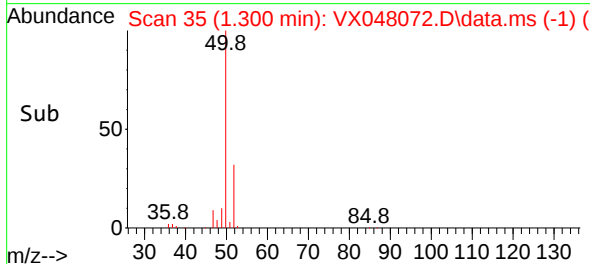
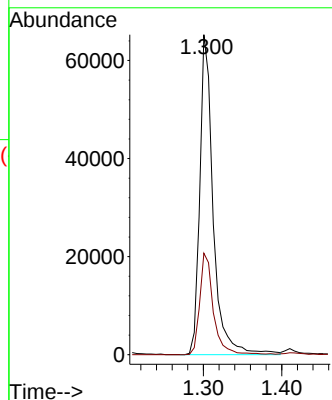
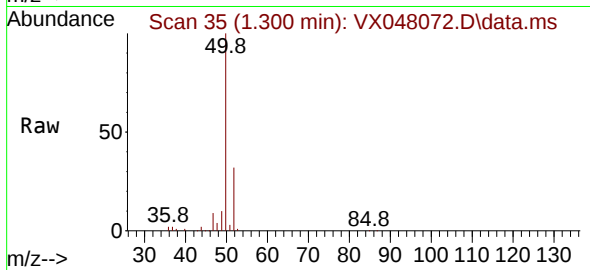
#3
Chloromethane
Concen: 42.725 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 77854
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1

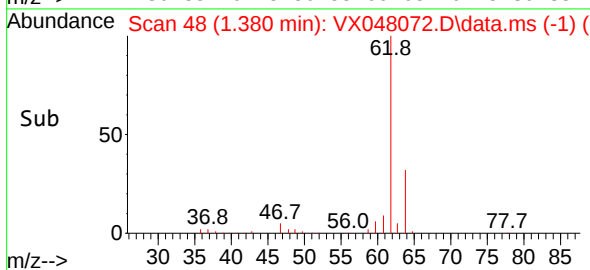
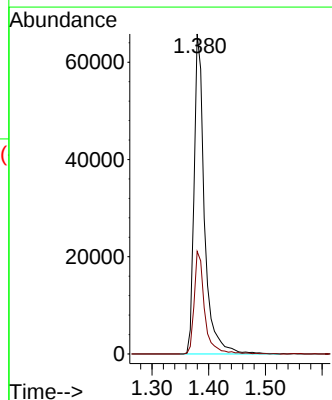
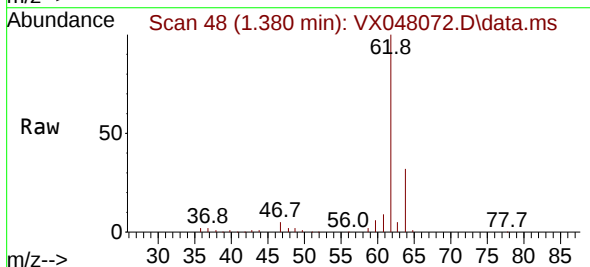
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#4
Vinyl Chloride
Concen: 46.839 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

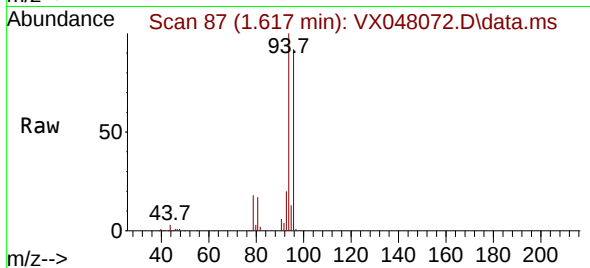
Tgt Ion: 62 Resp: 83548
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





#5
Bromomethane
Concen: 50.297 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

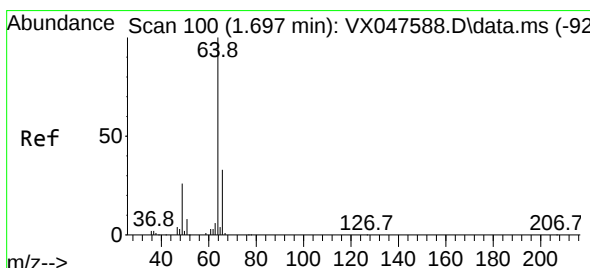
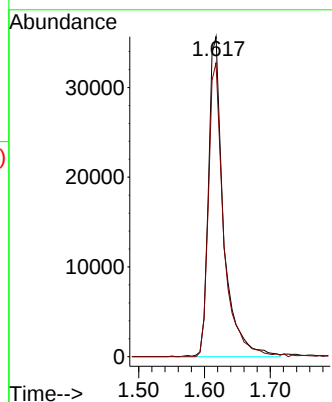
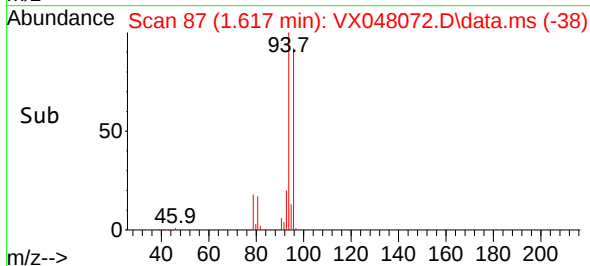
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 56890
Ion Ratio Lower Upper
94 100
96 91.8 76.6 115.0

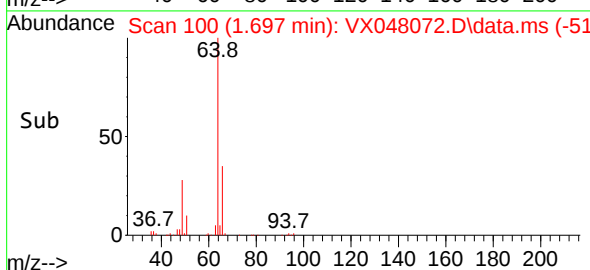
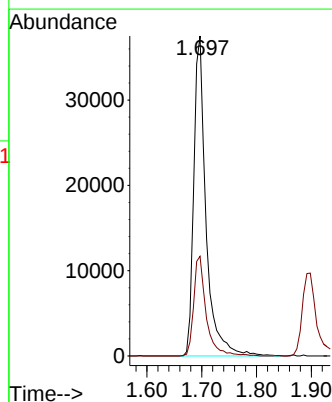
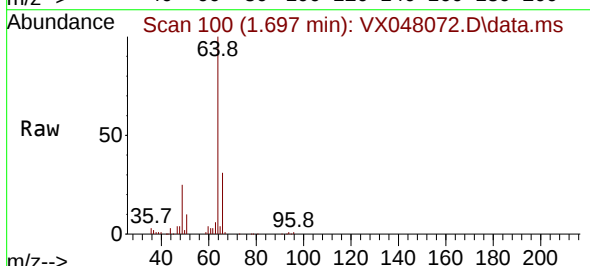
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#6
Chloroethane
Concen: 49.006 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

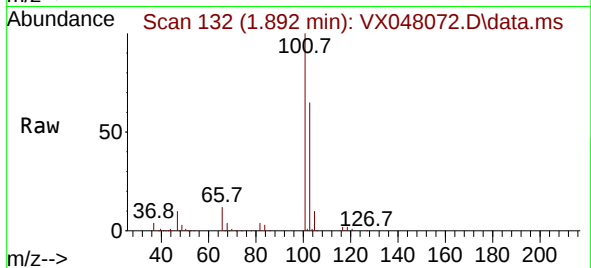
Tgt Ion: 64 Resp: 58424
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 52.705 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

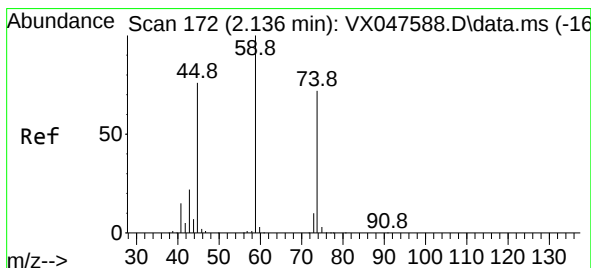
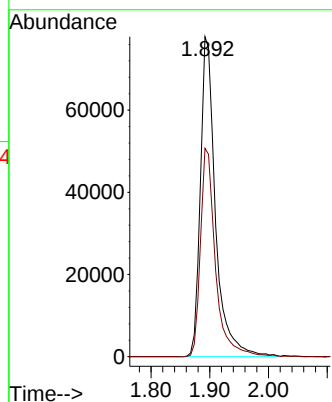
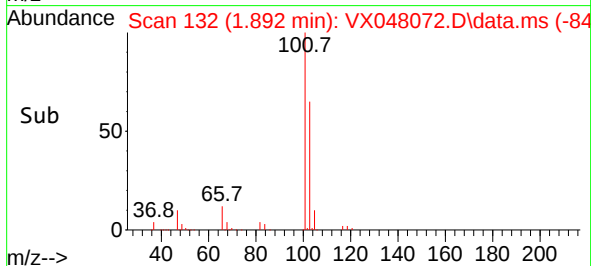
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Tgt Ion:101 Resp: 139589
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

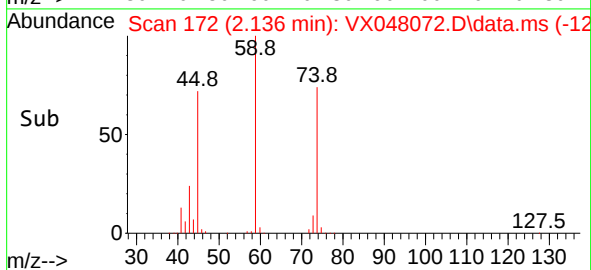
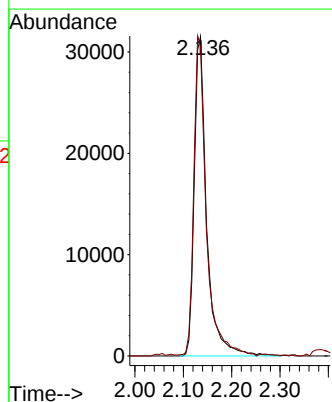
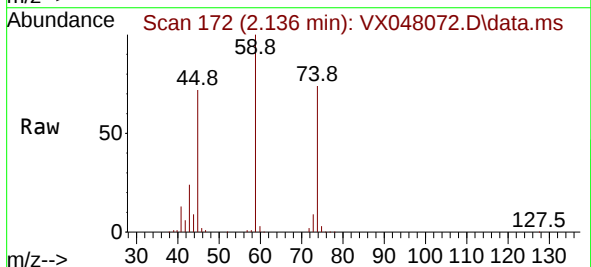
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#8
Diethyl Ether
Concen: 51.785 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 74 Resp: 56104
Ion Ratio Lower Upper
74 100
45 101.1 52.3 156.8





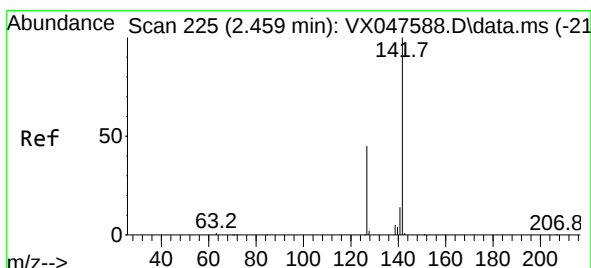
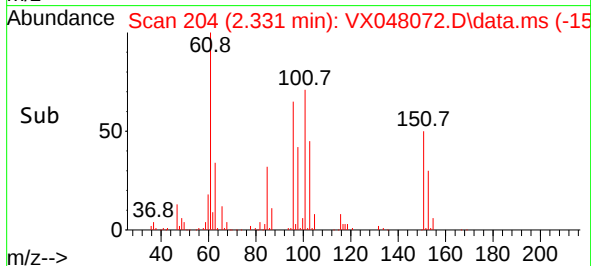
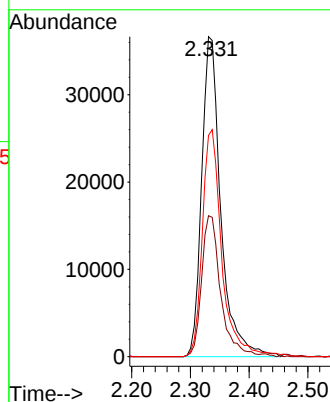
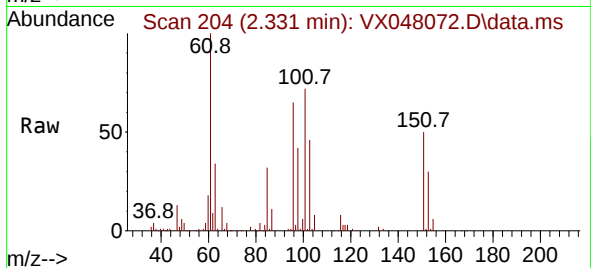
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.613 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048072.D
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Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 8302
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 72.3 59.4 89.0

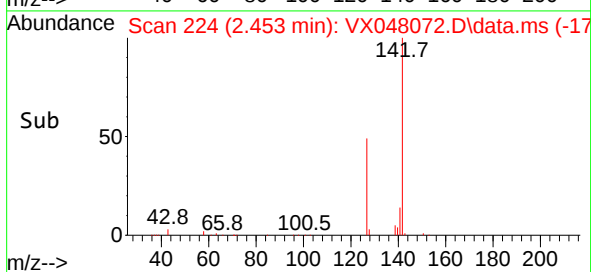
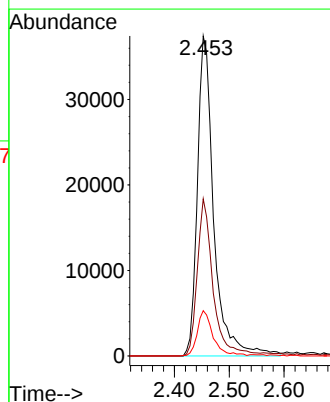
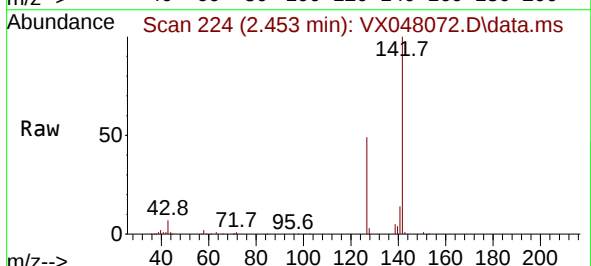
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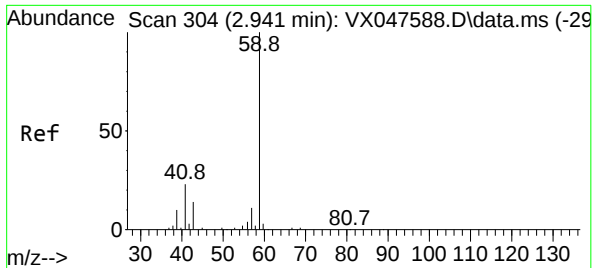
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#10
Methyl Iodide
Concen: 32.273 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

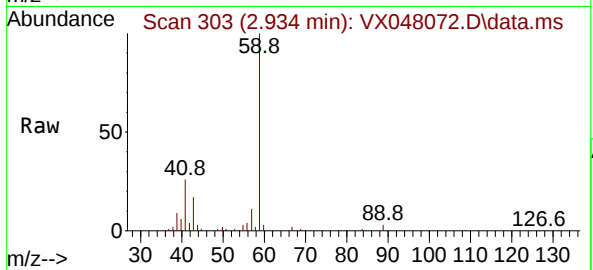
Tgt Ion:142 Resp: 77947
Ion Ratio Lower Upper
142 100
127 47.1 37.2 55.8
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 203.758 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

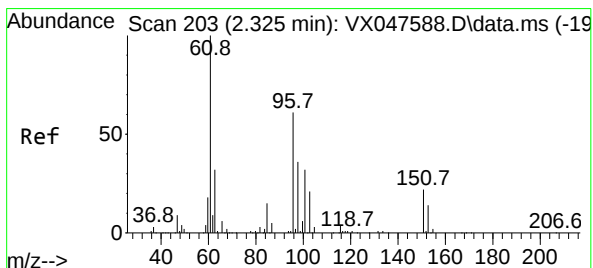
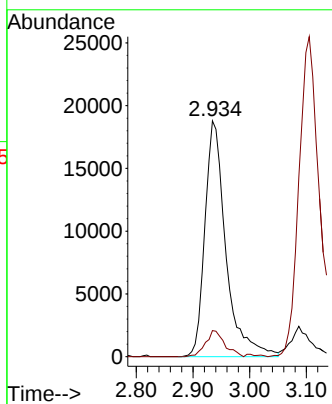
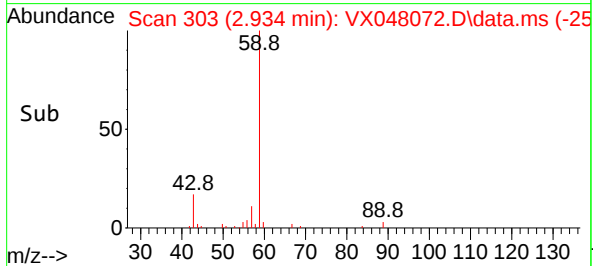
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



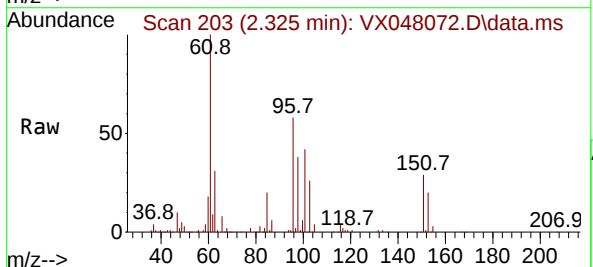
Tgt Ion: 59 Resp: 48364
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

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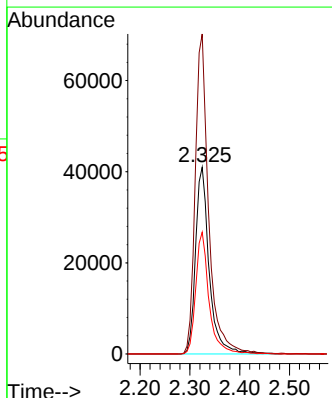
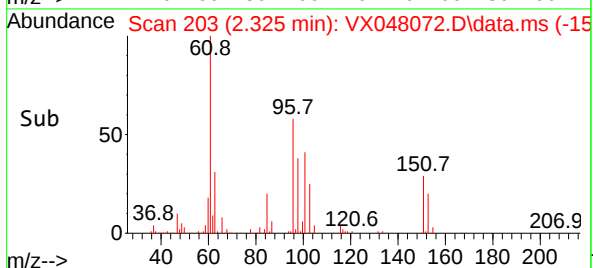
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
1,1-Dichloroethene
Concen: 49.038 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



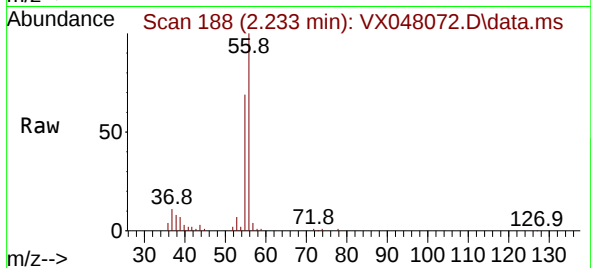
Tgt Ion: 96 Resp: 78008
Ion Ratio Lower Upper
96 100
61 171.4 131.0 196.6
98 65.2 47.7 71.5





#13
Acrolein
Concen: 243.432 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

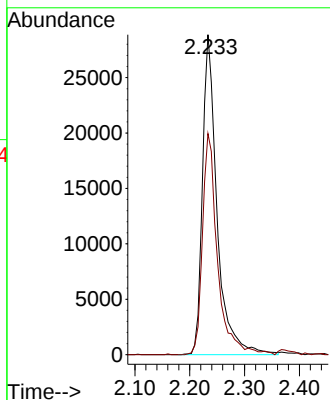
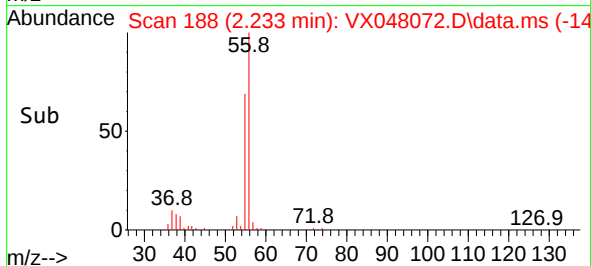
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



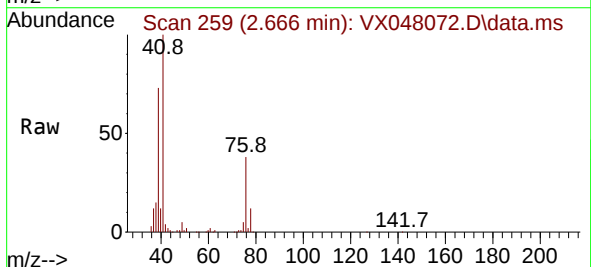
Tgt Ion: 56 Resp: 53240
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8

Manual Integrations
APPROVED

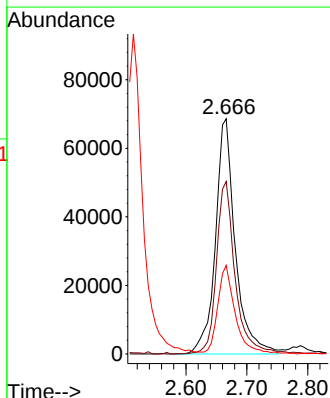
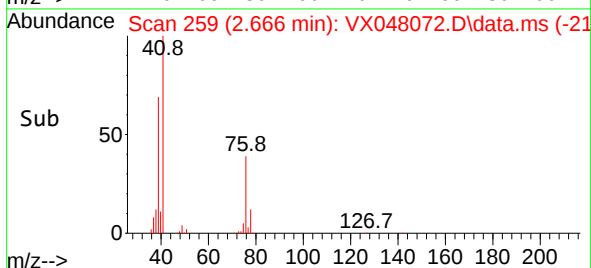
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Allyl chloride
Concen: 47.422 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



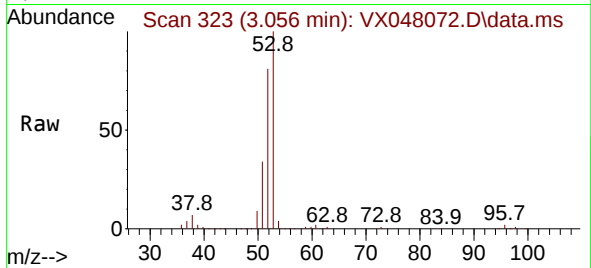
Tgt Ion: 41 Resp: 155668
Ion Ratio Lower Upper
41 100
39 69.4 54.7 82.1
76 33.2 25.7 38.5





#15
Acrylonitrile
Concen: 259.244 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

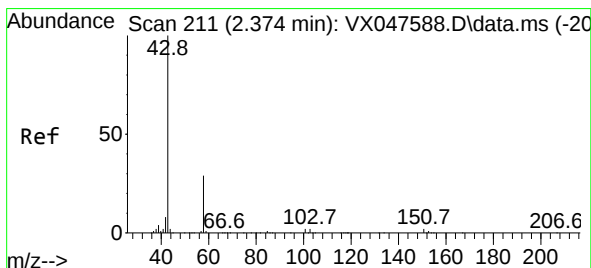
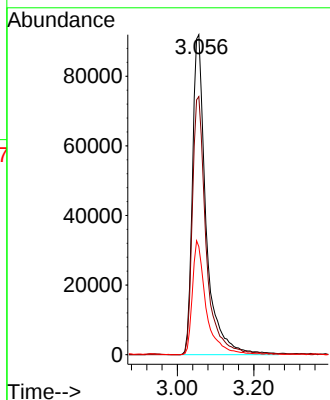
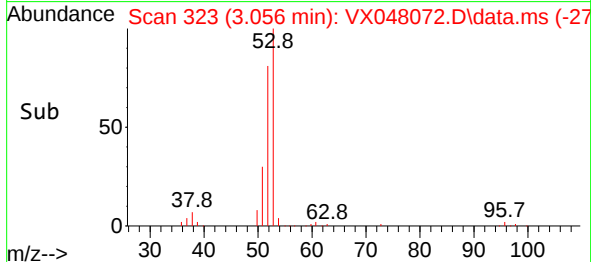
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 227920
Ion Ratio Lower Upper
53 100
52 81.1 66.4 99.6
51 36.1 29.5 44.3

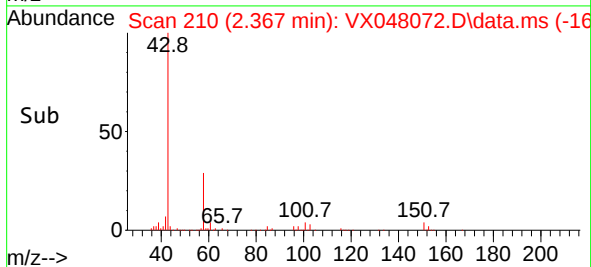
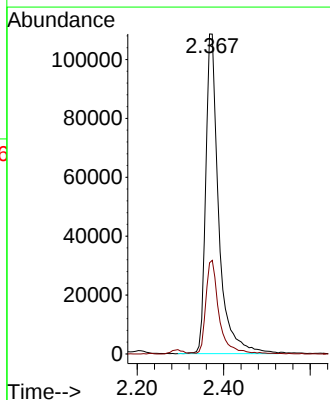
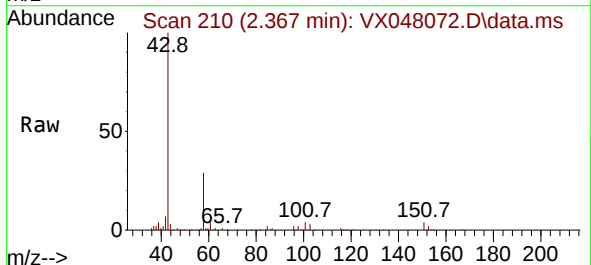
Manual Integrations
APPROVED

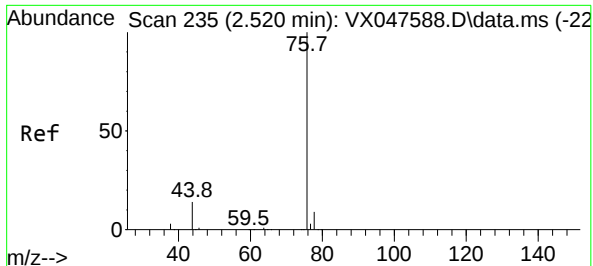
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#16
Acetone
Concen: 243.822 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 225939
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.0





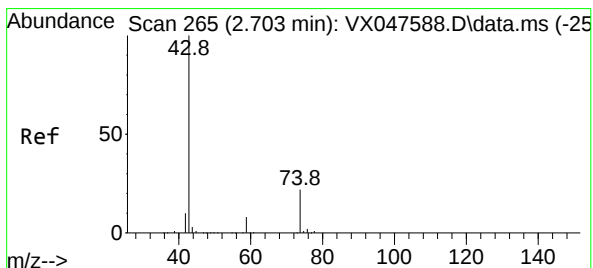
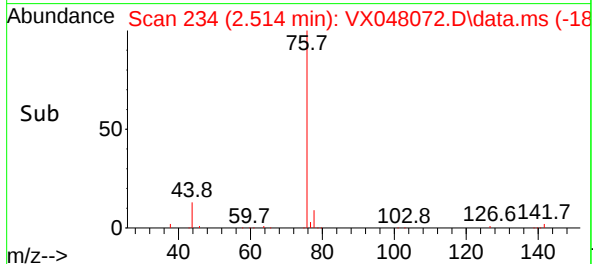
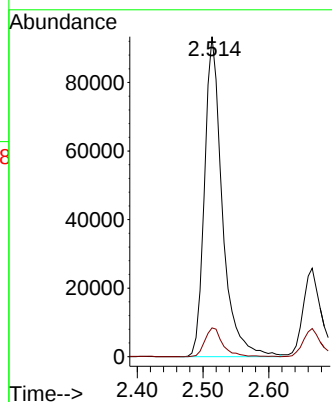
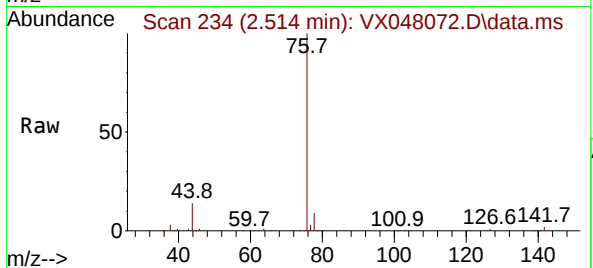
#17
Carbon Disulfide
Concen: 40.392 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 17590
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

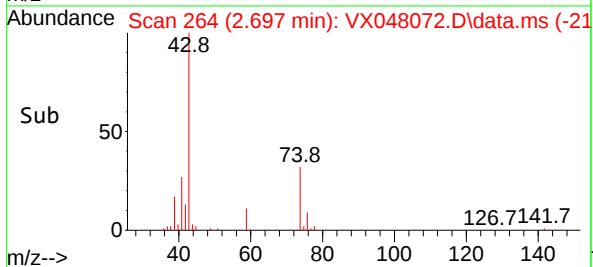
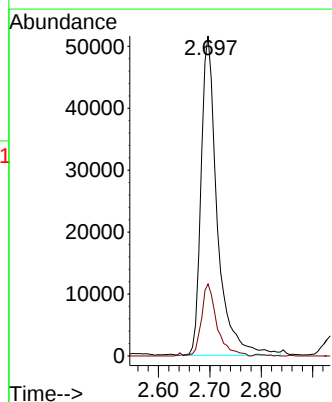
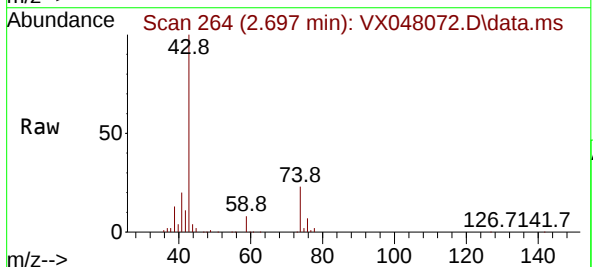
Manual Integrations
APPROVED

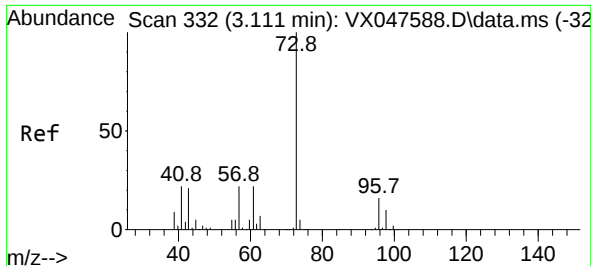
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#18
Methyl Acetate
Concen: 54.707 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 112820
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2





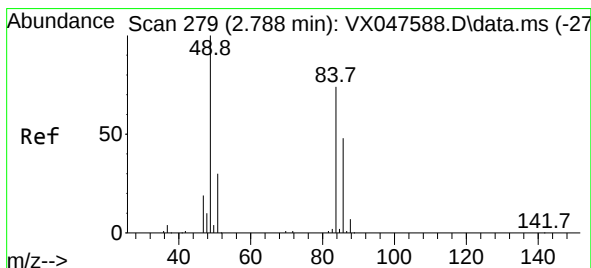
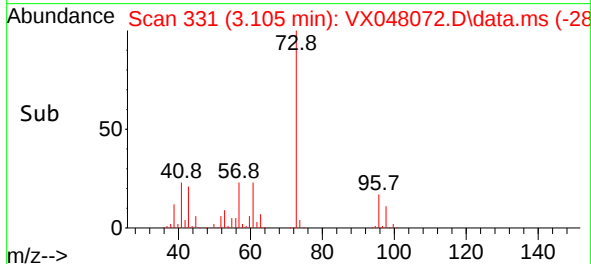
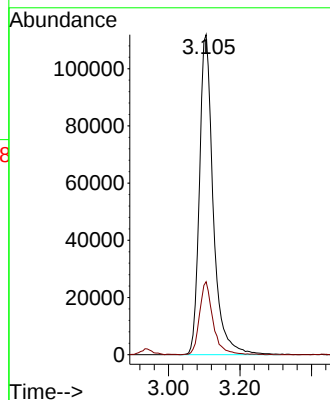
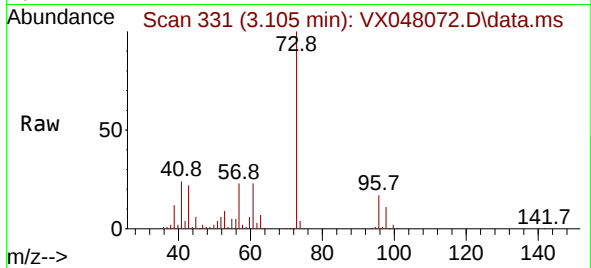
#19
Methyl tert-butyl Ether
Concen: 51.483 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 298962
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

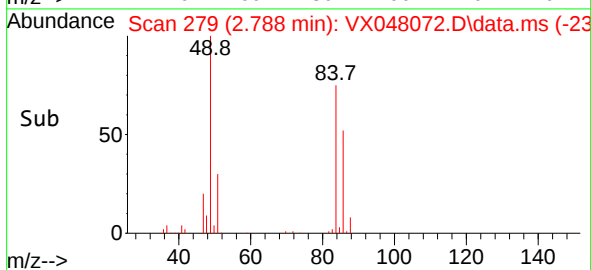
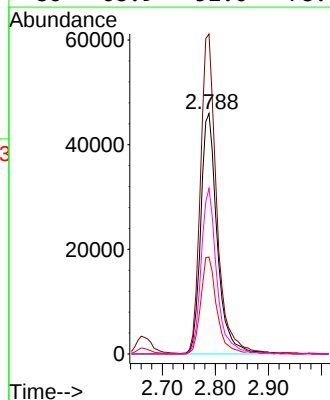
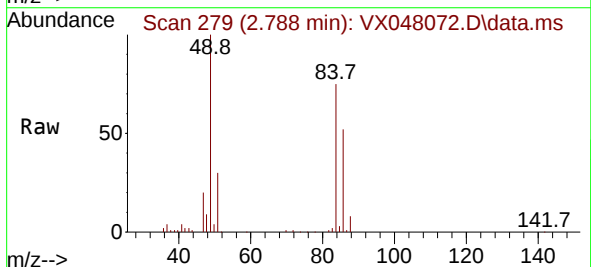
Manual Integrations
APPROVED

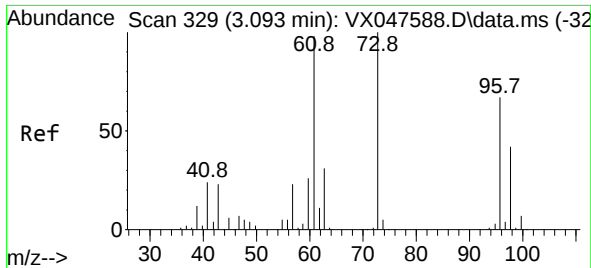
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 50.689 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

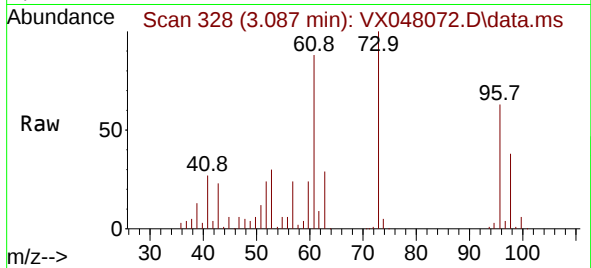
Tgt Ion: 84 Resp: 99425
Ion Ratio Lower Upper
84 100
49 132.9 108.6 162.8
51 40.3 32.6 48.8
86 68.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 49.217 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

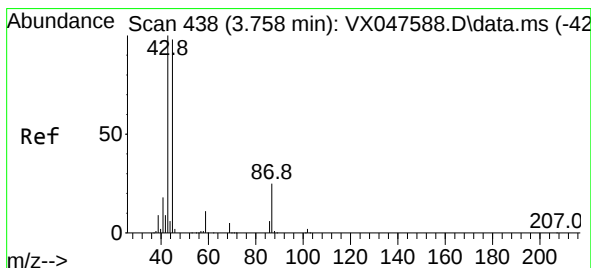
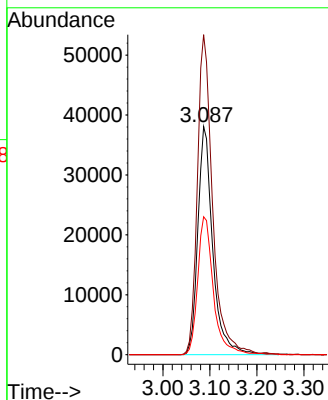
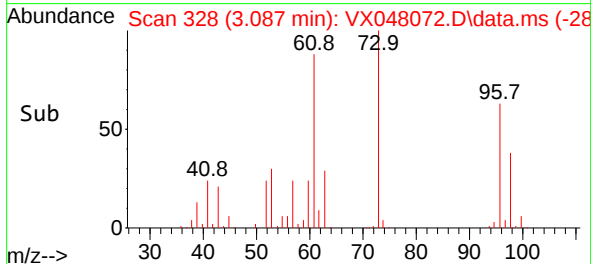
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



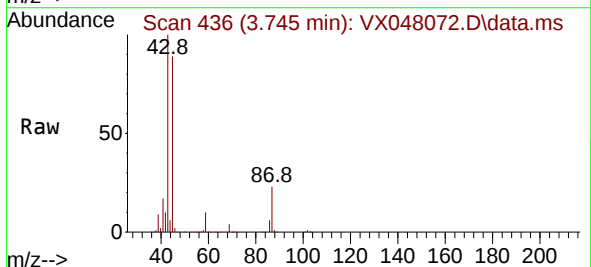
Tgt Ion: 96 Resp: 8429
Ion Ratio Lower Upper
96 100
61 140.3 116.2 174.2
98 60.5 49.3 73.9

Manual Integrations
APPROVED

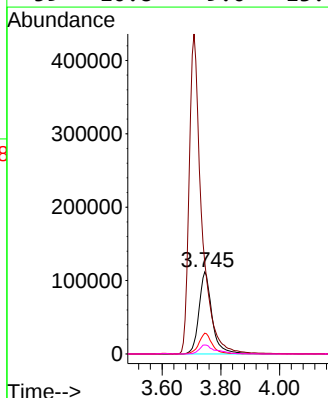
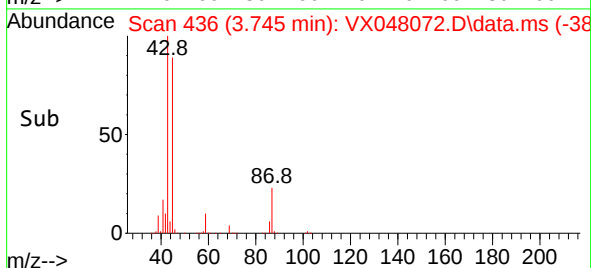
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

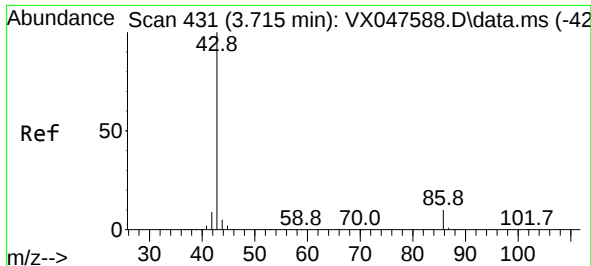


#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



Tgt Ion: 45 Resp: 345267
Ion Ratio Lower Upper
45 100
43 111.8 81.0 121.4
87 25.3 20.3 30.5
59 10.8 9.0 13.4





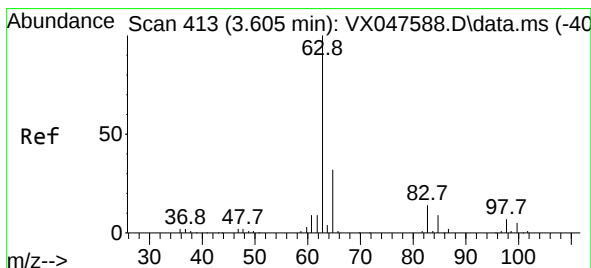
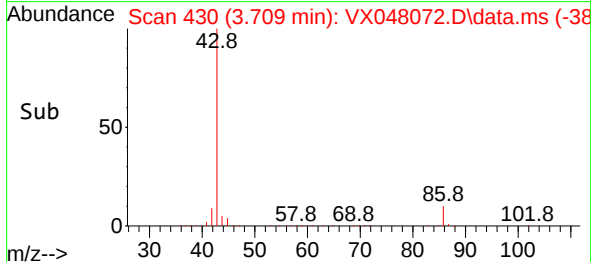
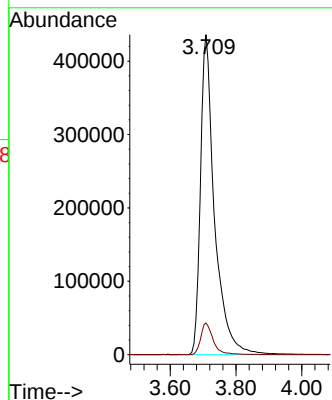
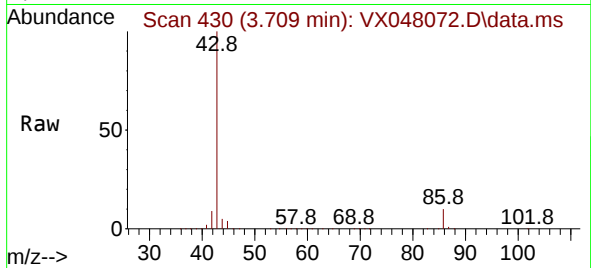
#23
 Vinyl Acetate
 Concen: 254.054 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 129354
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

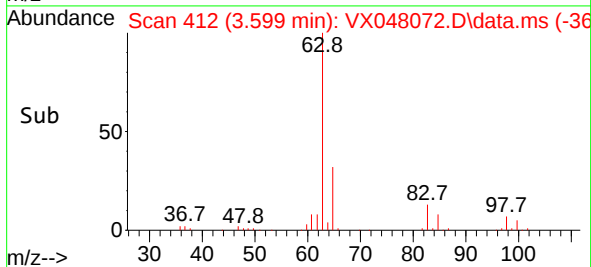
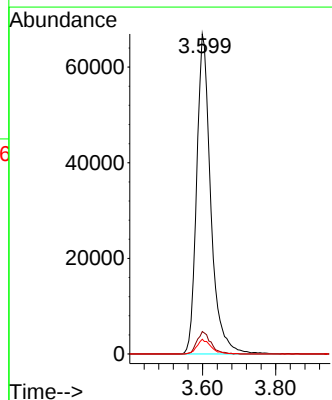
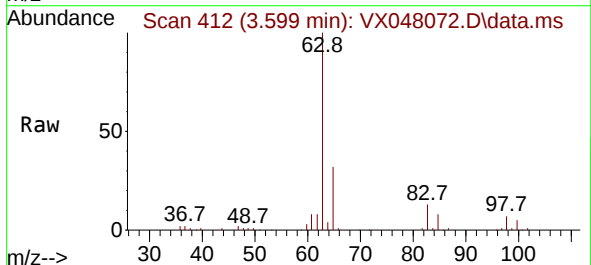
Manual Integrations
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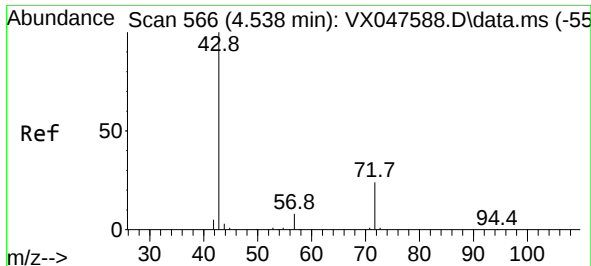
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#24
 1,1-Dichloroethane
 Concen: 53.170 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 179784
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.8 2.3 6.9





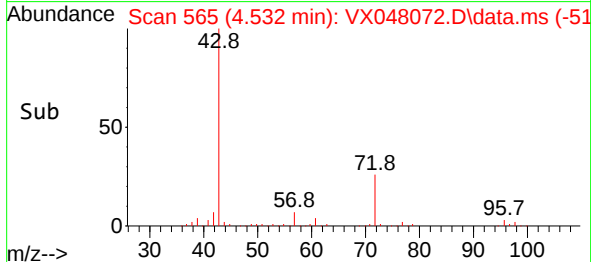
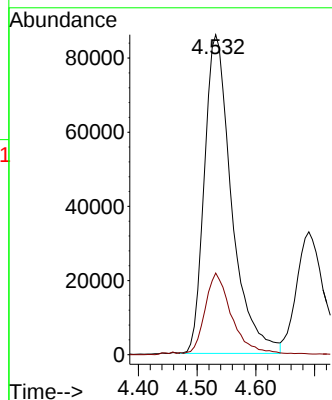
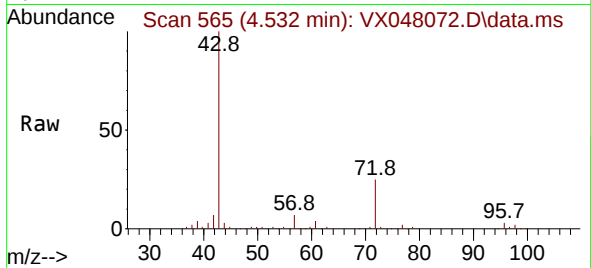
#25
2-Butanone
Concen: 239.067 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 276334
Ion Ratio Lower Upper
43 100
72 25.0 20.1 30.1

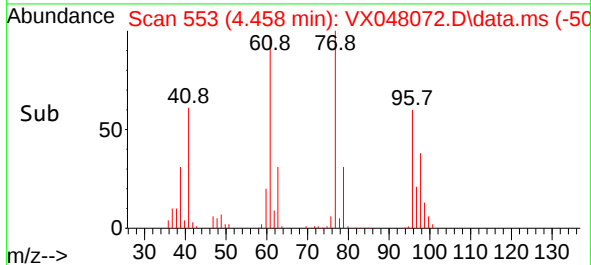
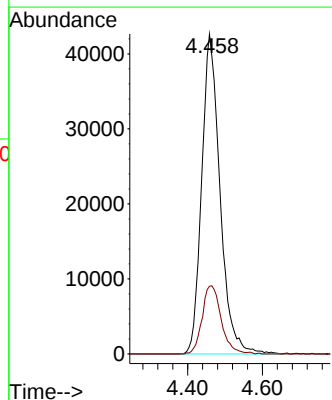
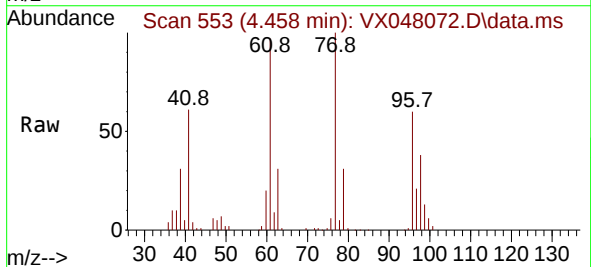
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 51.551 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 77 Resp: 144896
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





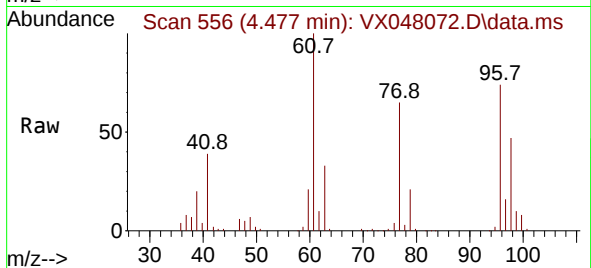
#27
cis-1,2-Dichloroethene
Concen: 51.774 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



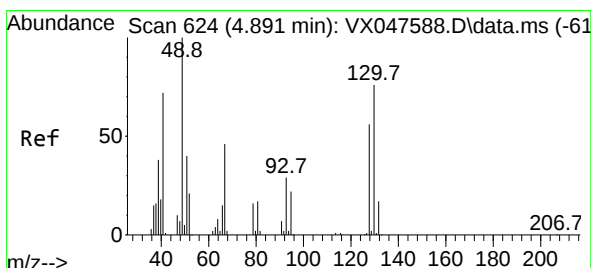
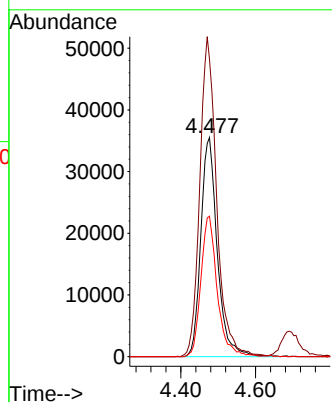
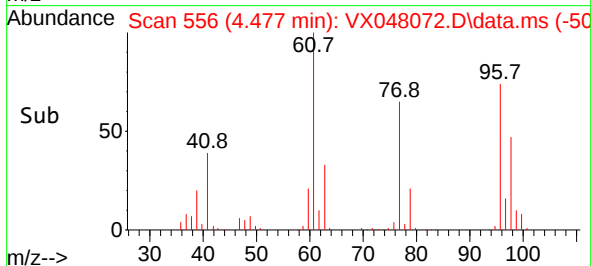
Tgt Ion: 96 Resp: 108592
Ion Ratio Lower Upper
96 100
61 149.7 0.0 303.2
98 63.7 0.0 127.8

Manual Integrations

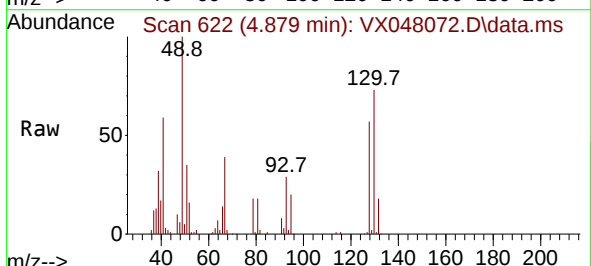
APPROVED

Reviewed By :John Carlone 10/10/2025

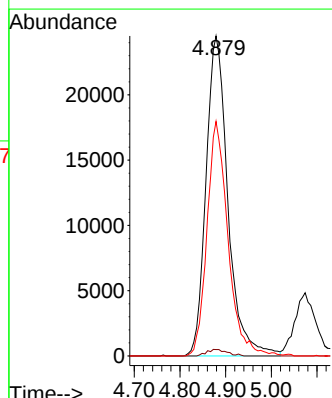
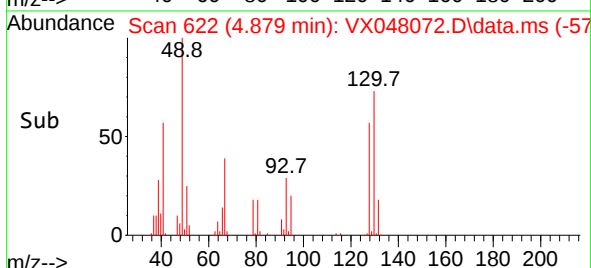
Supervised By :Mahesh Dadoda 10/10/2025

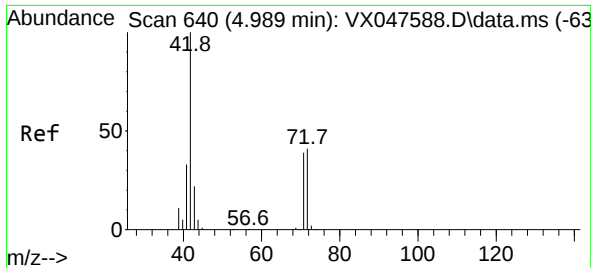


#28
Bromochloromethane
Concen: 55.247 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



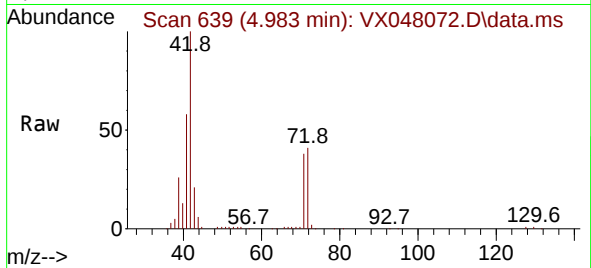
Tgt Ion: 49 Resp: 81555
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.2
130 70.4 57.8 86.8





#29
Tetrahydrofuran
Concen: 224.312 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

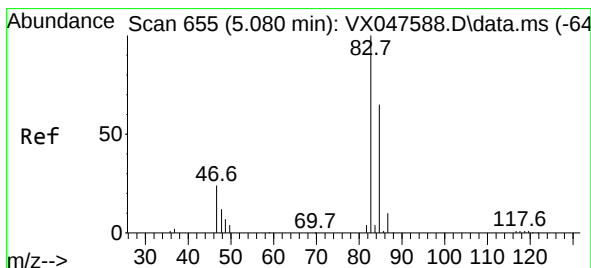
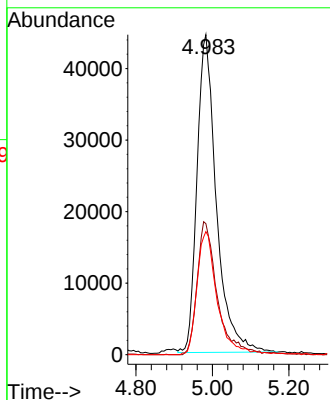
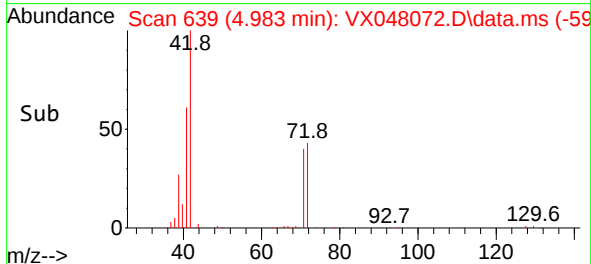
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 155970
Ion Ratio Lower Upper
42 100
72 43.3 34.2 51.2
71 39.9 31.9 47.9

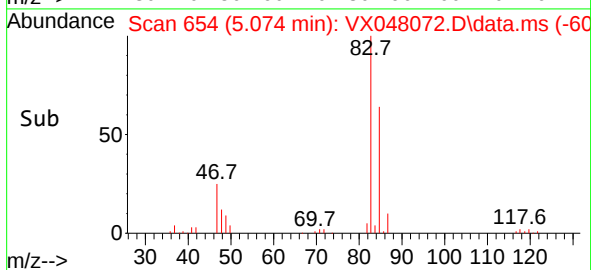
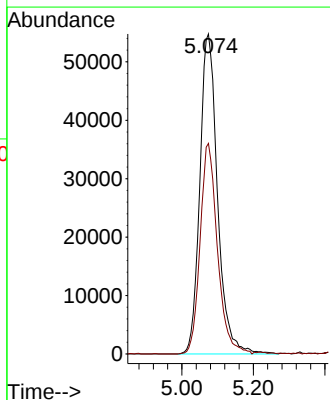
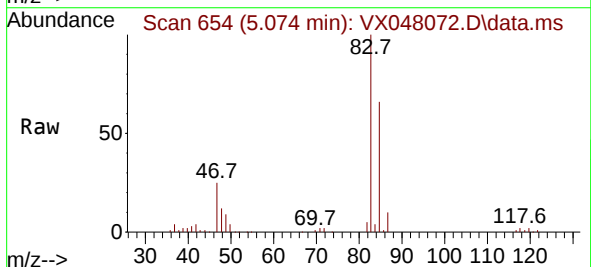
Manual Integrations
APPROVED

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



#30
Chloroform
Concen: 55.097 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

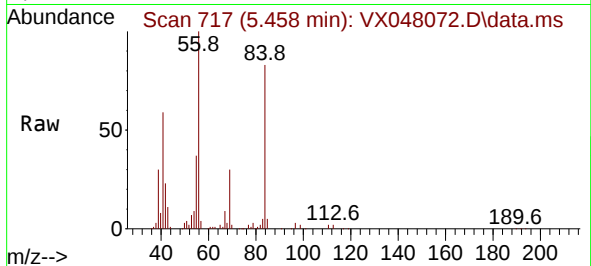
Tgt Ion: 83 Resp: 188262
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6





#31
Cyclohexane
Concen: 41.104 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

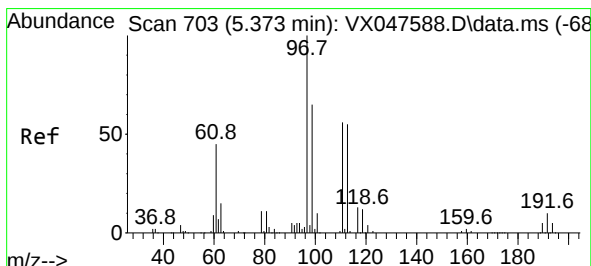
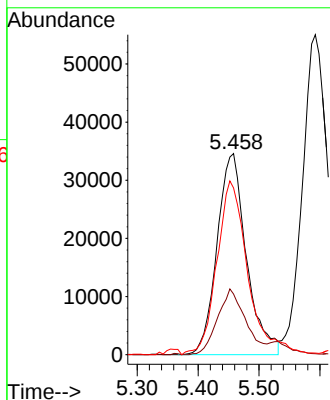
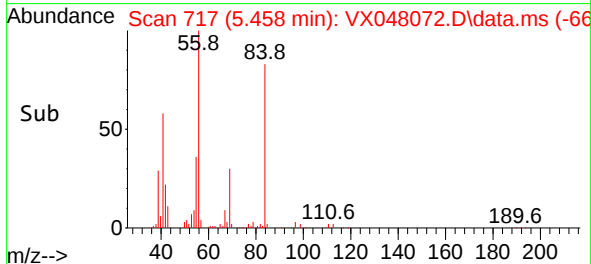
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 115758
Ion Ratio Lower Upper
56 100
69 29.7 23.8 35.8
84 80.3 64.6 97.0

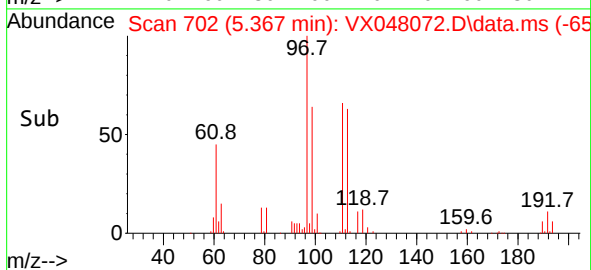
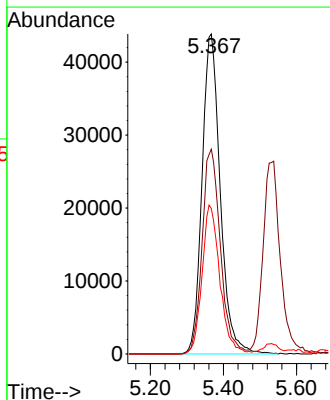
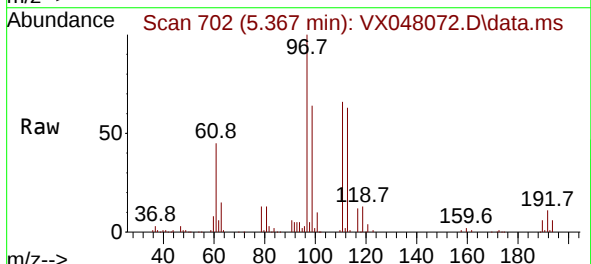
Manual Integrations
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 52.303 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 97 Resp: 151590
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 45.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.510 ug/l

RT: 5.934 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 116172

Ion Ratio Lower Upper

65 100

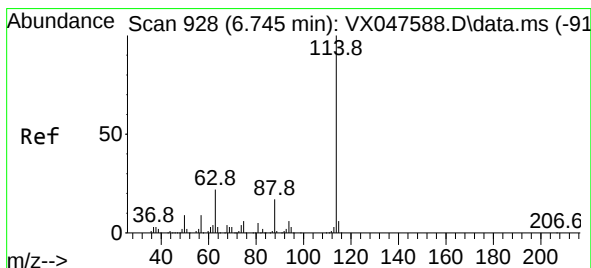
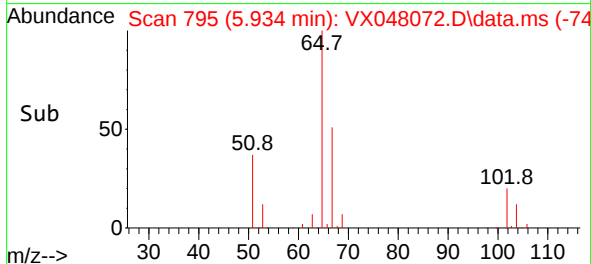
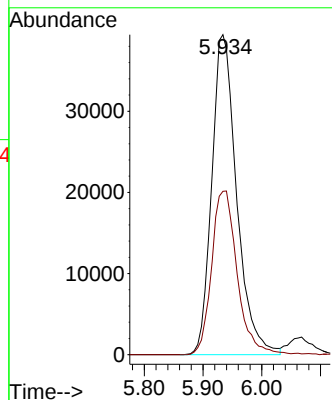
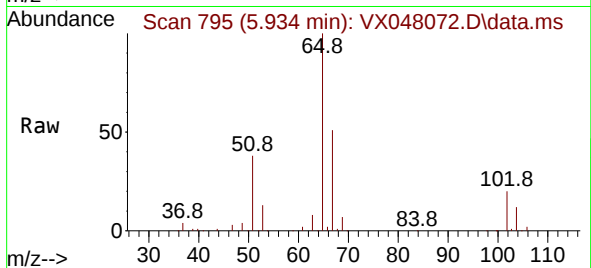
67 52.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

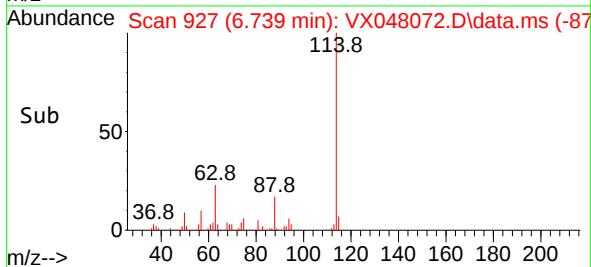
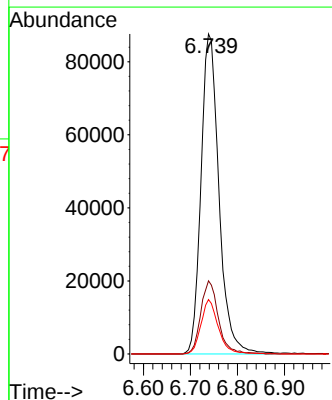
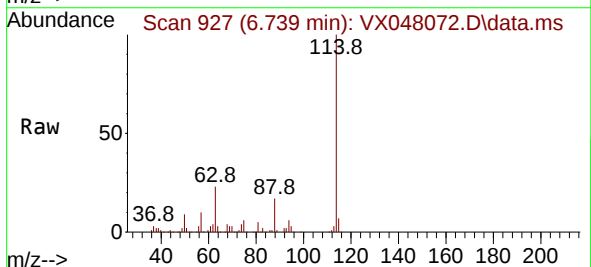
Tgt Ion:114 Resp: 232812

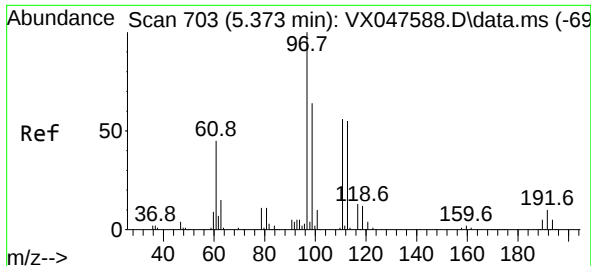
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

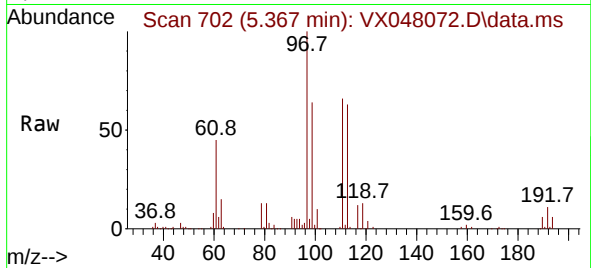
88 17.0 0.0 34.2





#35
Dibromofluoromethane
Concen: 58.882 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

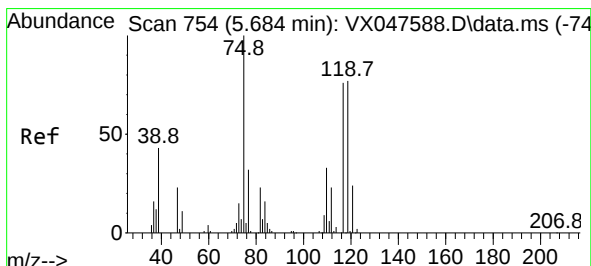
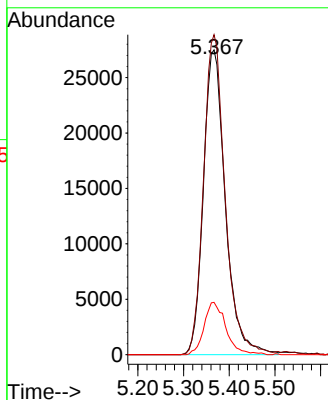
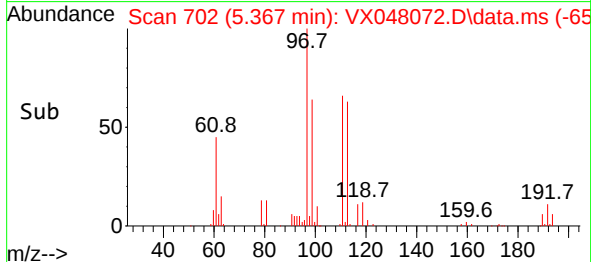
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 91930
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.1 14.2 21.4

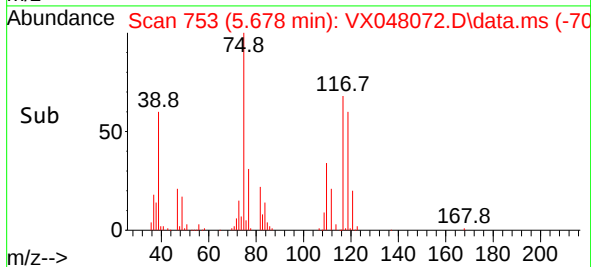
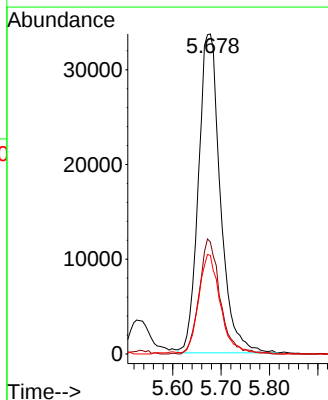
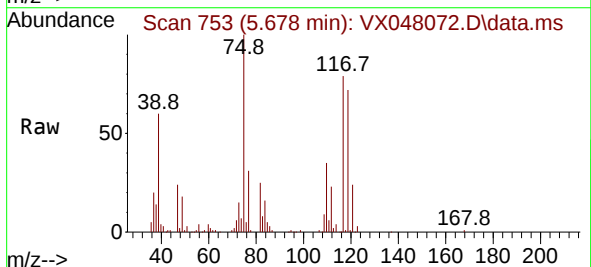
Manual Integrations
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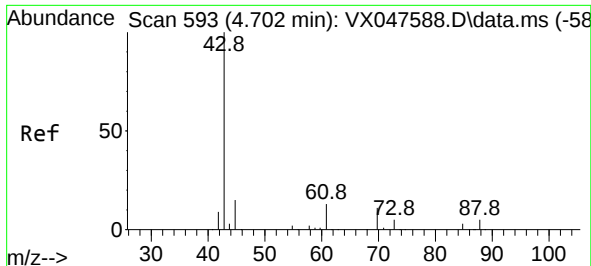
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,1-Dichloropropene
Concen: 46.521 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 106138
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.1
77 30.1 24.3 36.5





#37

Ethyl Acetate

Concen: 45.971 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 112300

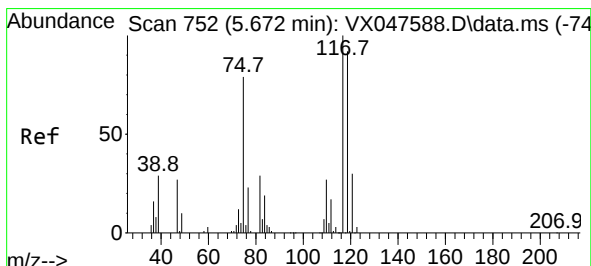
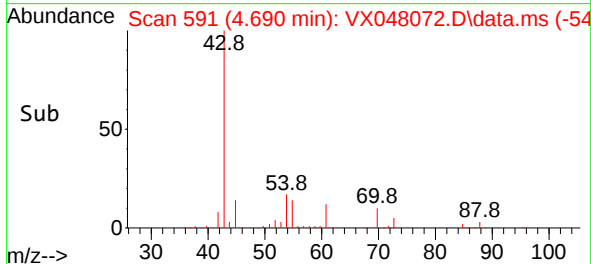
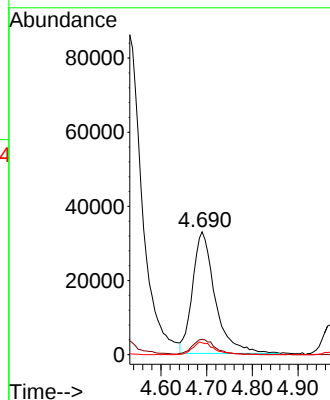
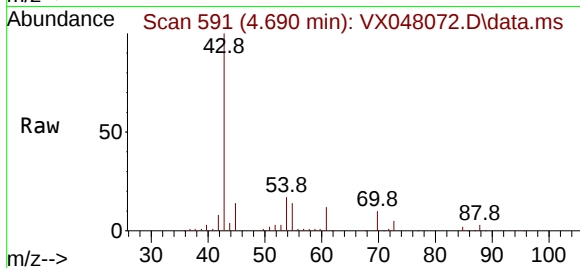
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	9.8	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#38

Carbon Tetrachloride

Concen: 50.811 ug/l

RT: 5.659 min Scan# 750

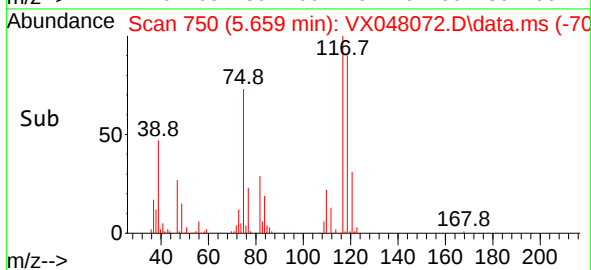
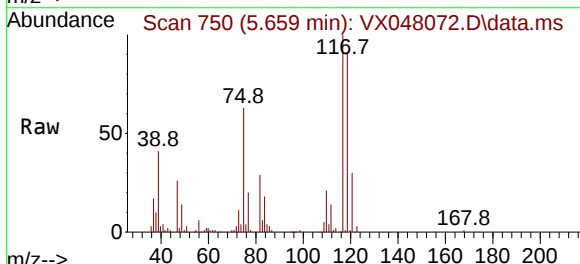
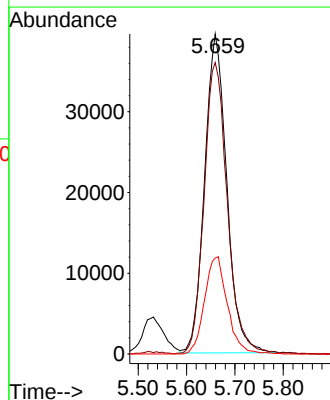
Delta R.T. -0.012 min

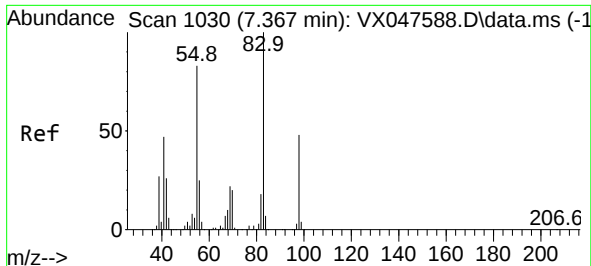
Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Tgt Ion:117 Resp: 125955

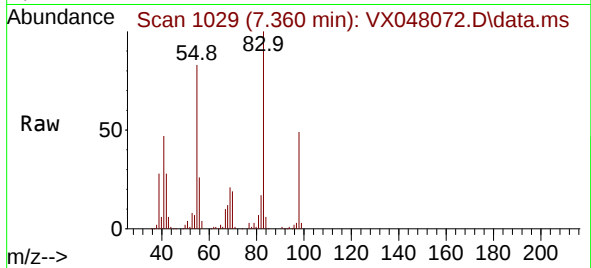
Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.4	110.2
121	30.1	23.8	35.6





#39
Methylcyclohexane
Concen: 42.557 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

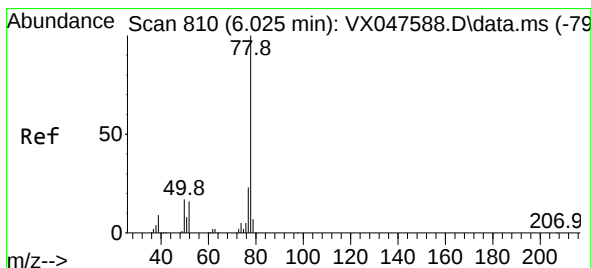
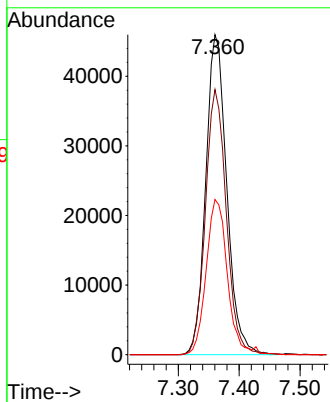
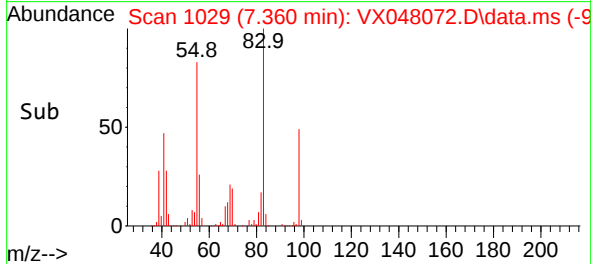
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11021
Ion Ratio Lower Upper
83 100
55 82.9 66.4 99.6
98 48.5 38.1 57.1

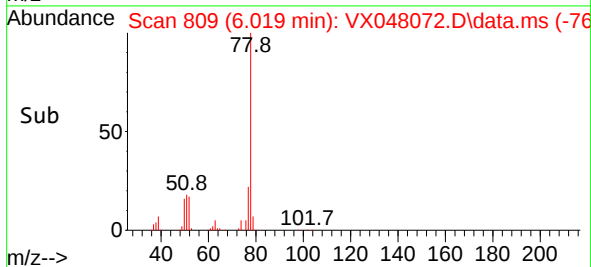
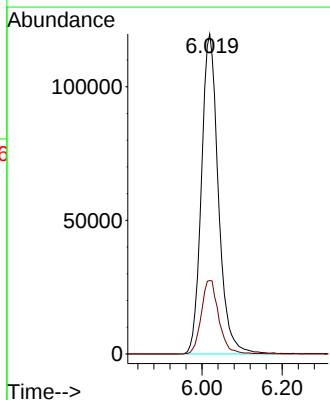
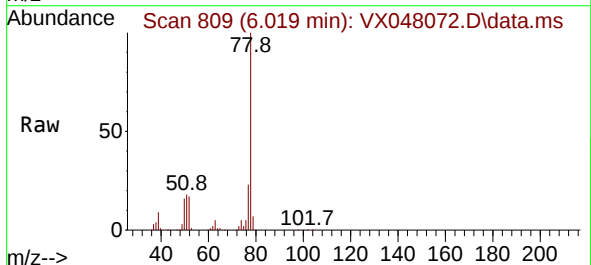
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 50.695 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

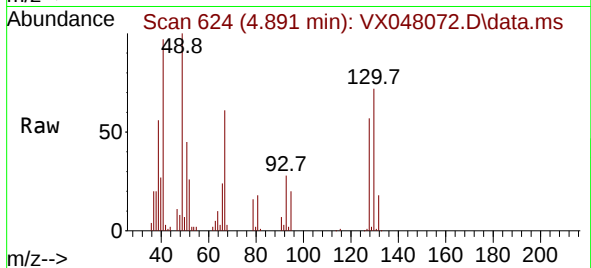
Tgt Ion: 78 Resp: 351292
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2





#41
Methacrylonitrile
Concen: 51.630 ug/l
RT: 4.891 min Scan# 611
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

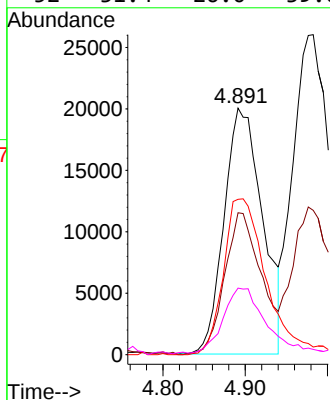
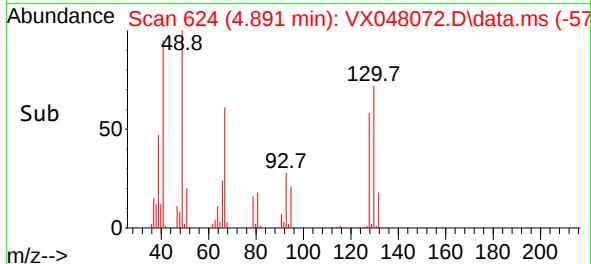
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 6511
Ion Ratio Lower Upper
41 100
39 55.4 43.3 64.9
67 71.6 58.6 87.8
52 31.4 26.0 39.0

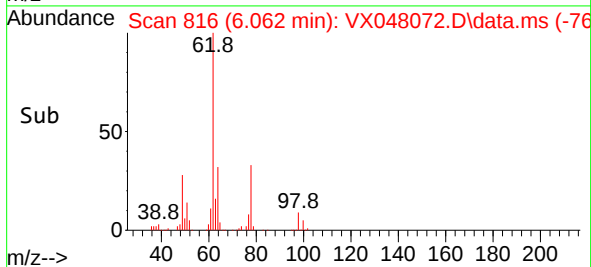
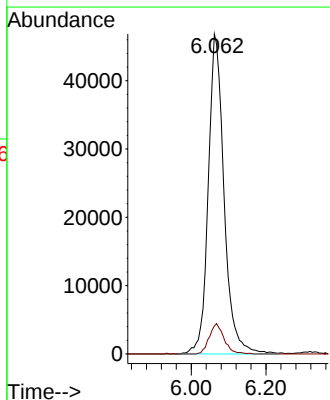
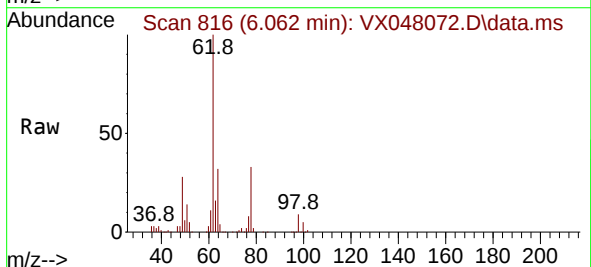
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 52.161 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 62 Resp: 137528
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.0





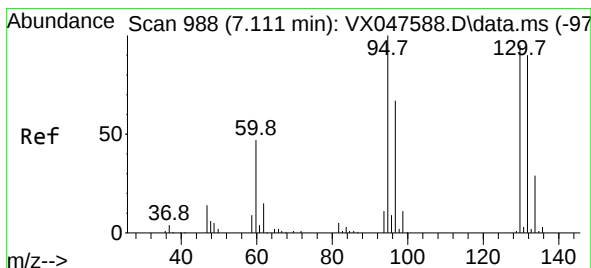
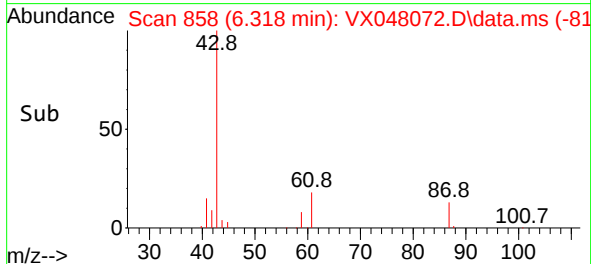
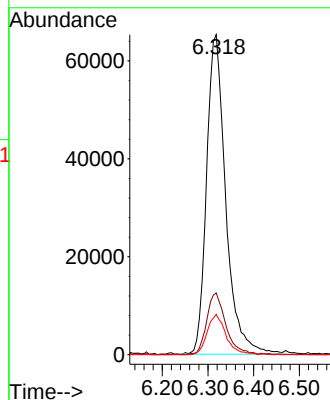
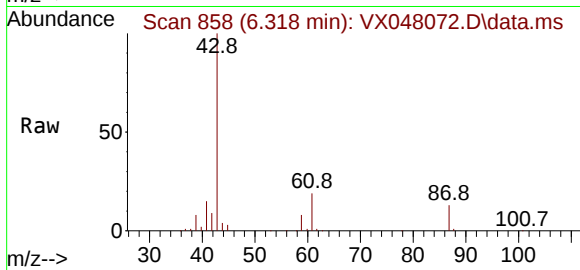
#43
Isopropyl Acetate
Concen: 47.447 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19009
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 12.4 9.6 14.4

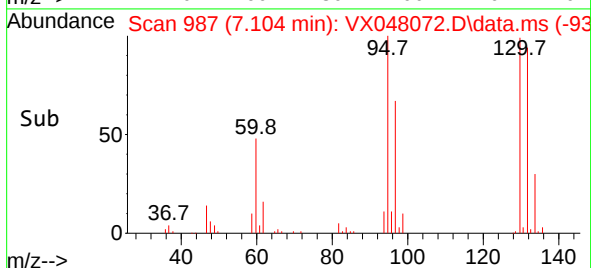
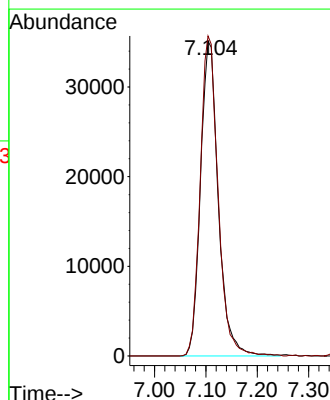
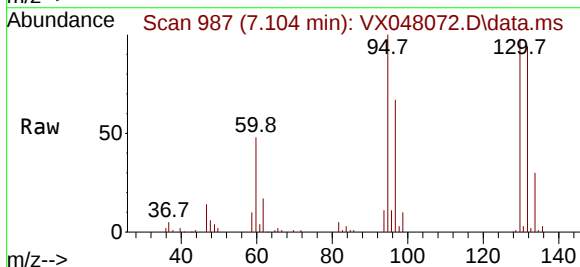
Manual Integrations
APPROVED

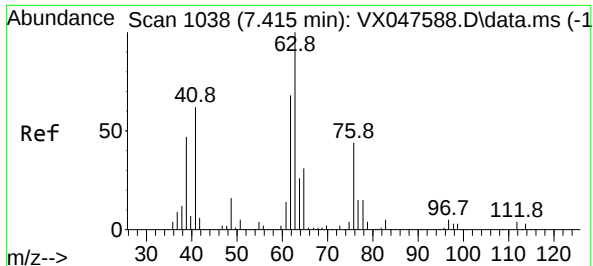
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Trichloroethene
Concen: 50.345 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:130 Resp: 84344
Ion Ratio Lower Upper
130 100
95 101.7 0.0 210.8





#45

1,2-Dichloropropane

Concen: 54.087 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9597

Ion Ratio Lower Upper

63 100

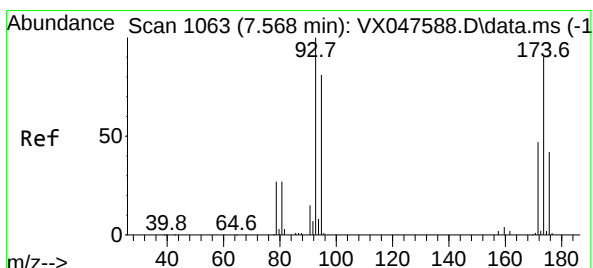
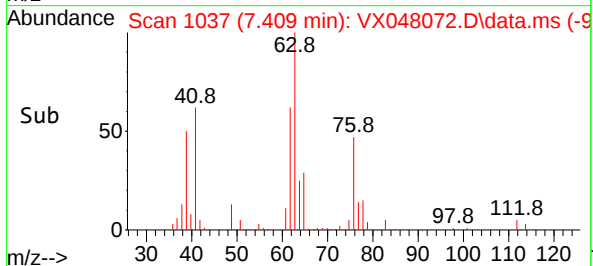
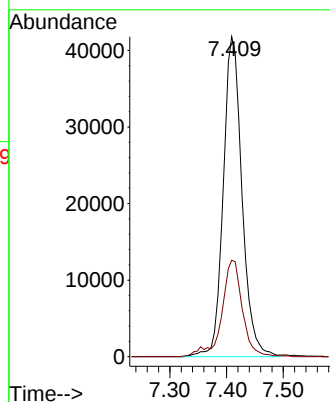
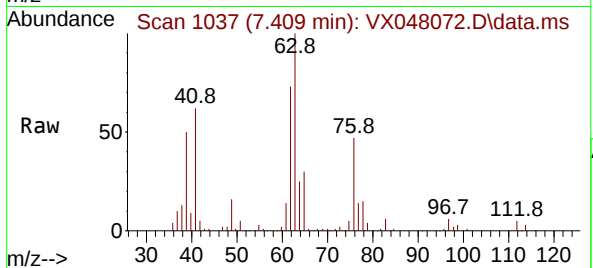
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#46

Dibromomethane

Concen: 53.086 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

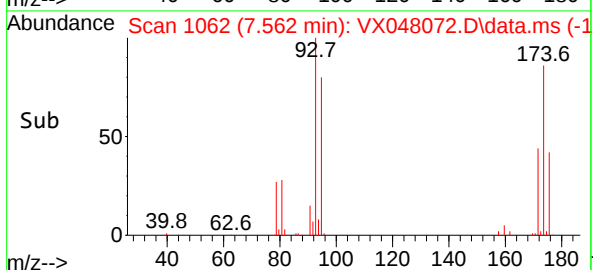
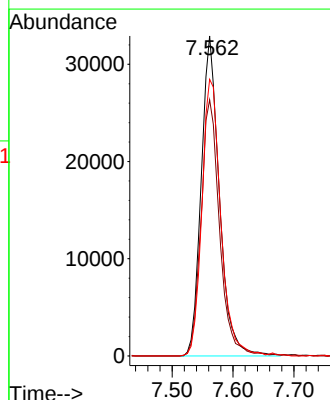
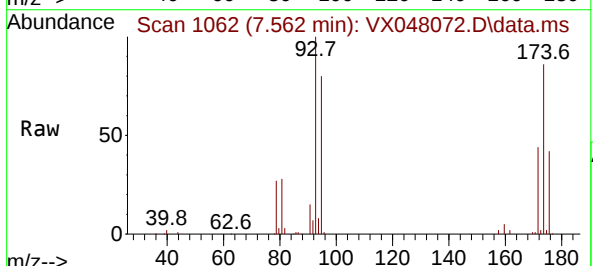
Tgt Ion: 93 Resp: 68547

Ion Ratio Lower Upper

93 100

95 81.6 65.0 97.6

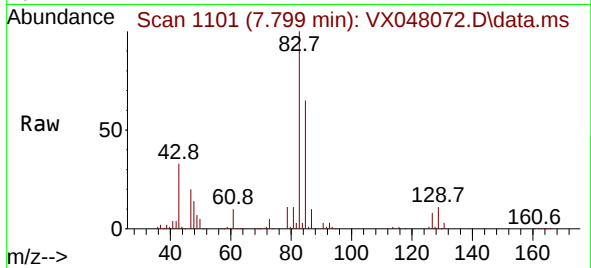
174 89.6 71.6 107.4





#47
Bromodichloromethane
Concen: 55.959 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

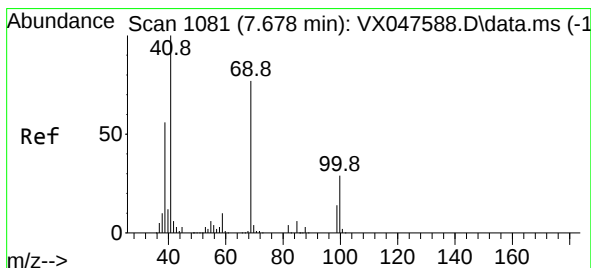
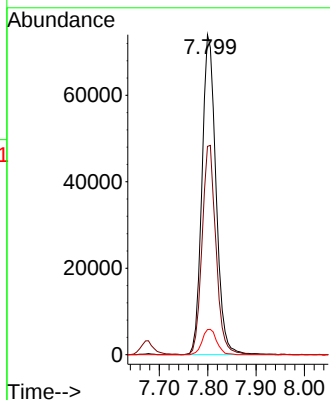
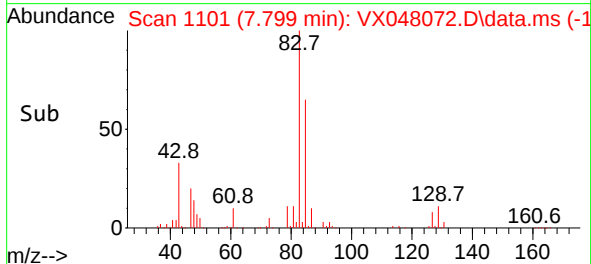
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14910
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 7.8 6.9 10.3

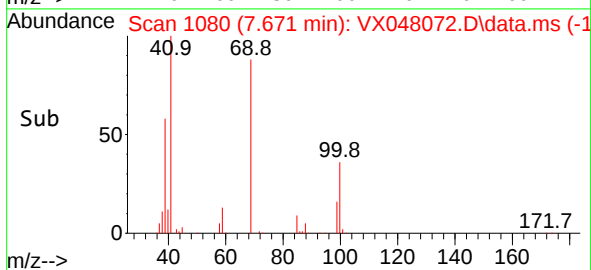
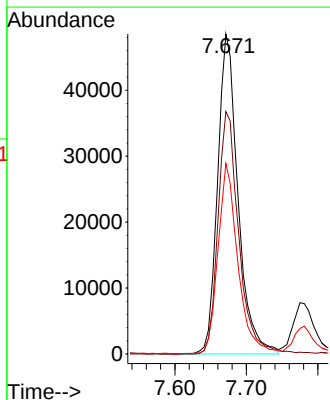
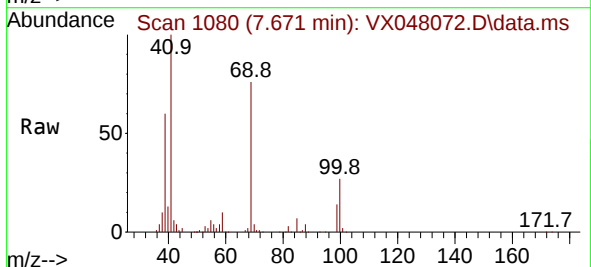
Manual Integrations
APPROVED

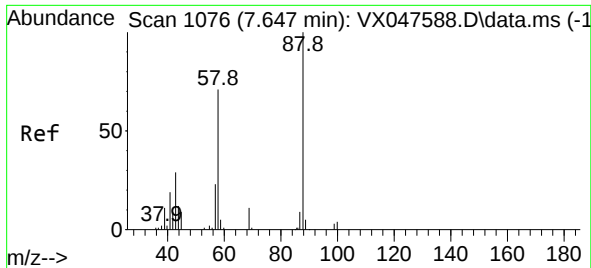
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
Methyl methacrylate
Concen: 48.122 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

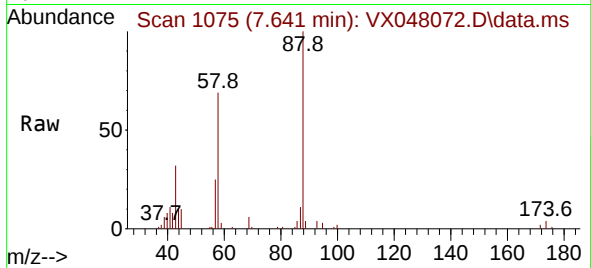
Tgt Ion: 41 Resp: 96035
Ion Ratio Lower Upper
41 100
69 77.6 61.4 92.2
39 58.4 45.8 68.6





#49
1,4-Dioxane
Concen: 1078.083 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

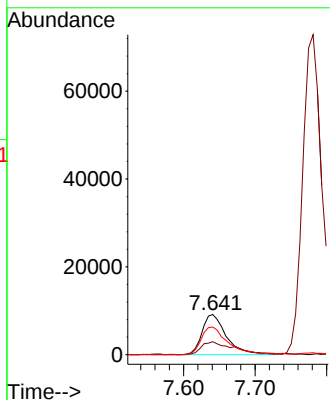
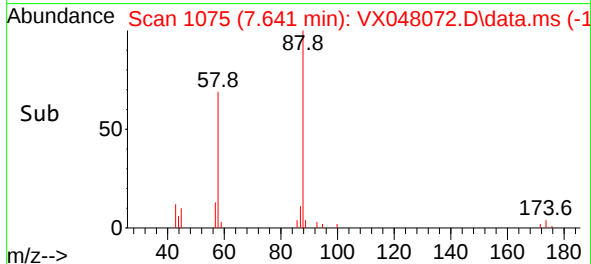
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



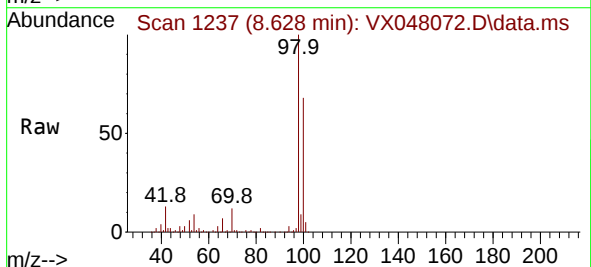
Tgt Ion: 88 Resp: 2174
Ion Ratio Lower Upper
88 100
43 42.6 30.2 45.2
58 73.2 59.5 89.3

Manual Integrations
APPROVED

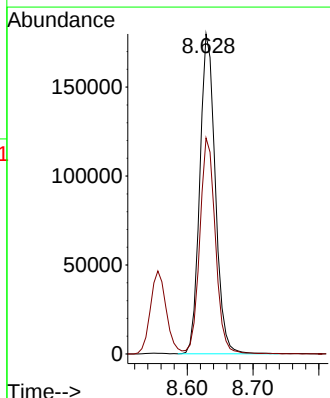
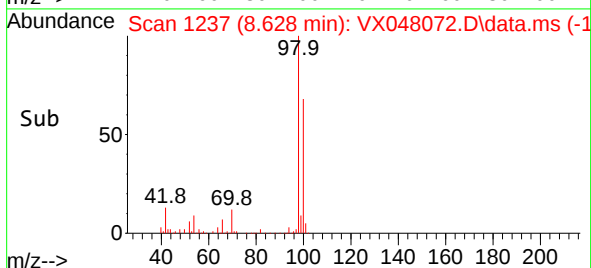
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
Toluene-d8
Concen: 54.570 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



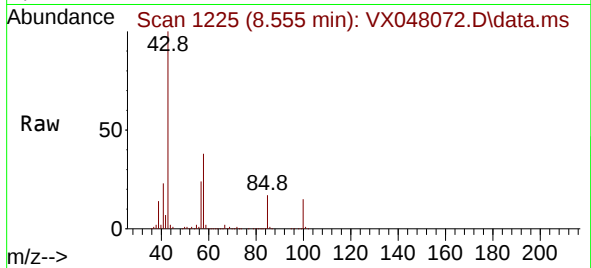
Tgt Ion: 98 Resp: 294822
Ion Ratio Lower Upper
98 100
100 68.3 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 246.669 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

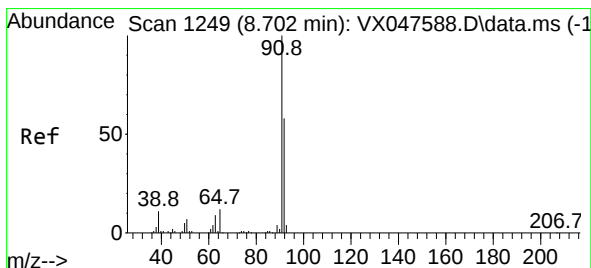
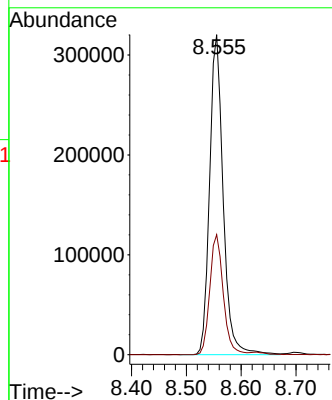
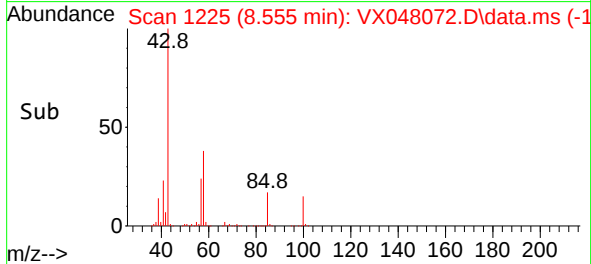
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 547938
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

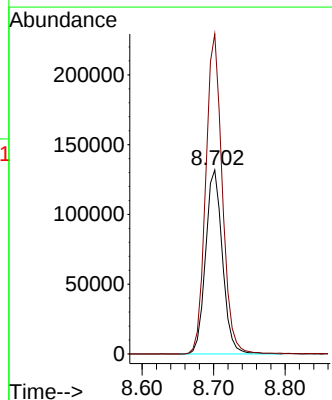
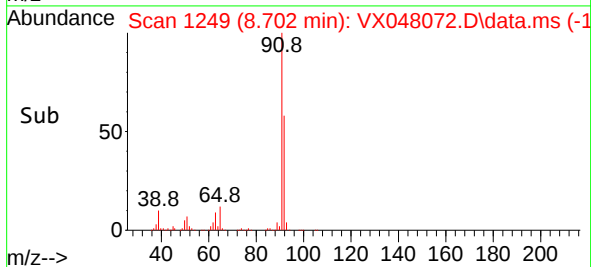
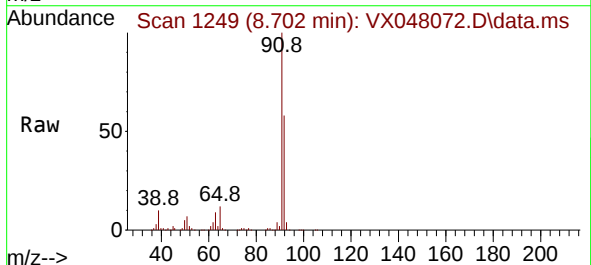
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 50.478 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 92 Resp: 215506
Ion Ratio Lower Upper
92 100
91 170.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.219 ug/l

RT: 8.958 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 141924

Ion Ratio Lower Upper

75 100

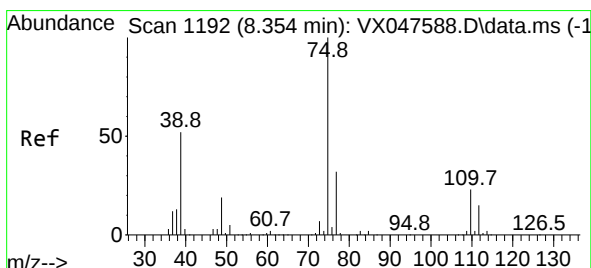
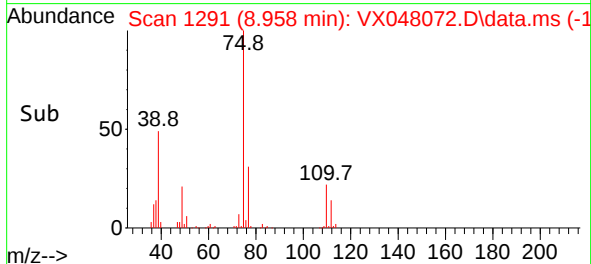
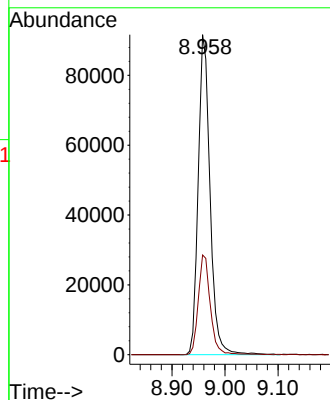
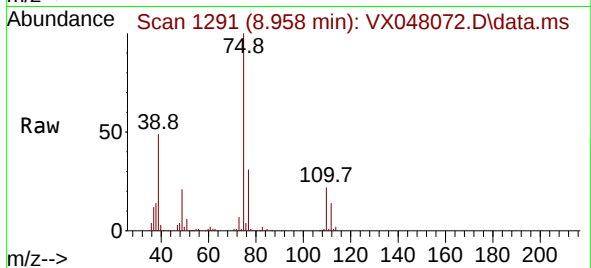
77 31.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#54

cis-1,3-Dichloropropene

Concen: 52.981 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

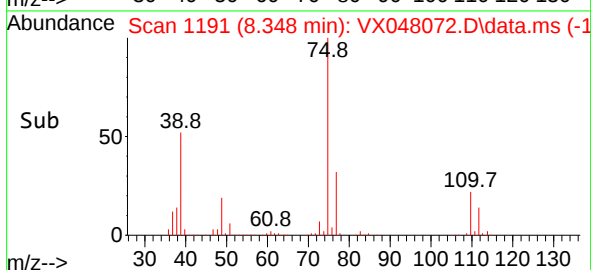
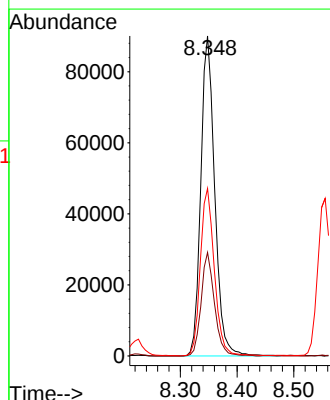
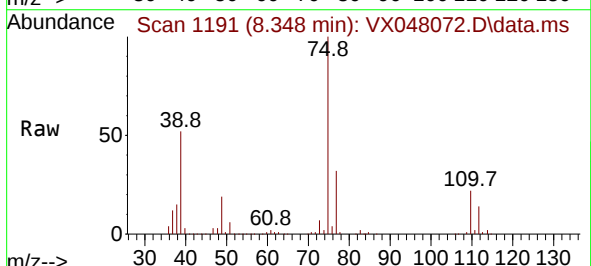
Tgt Ion: 75 Resp: 153909

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

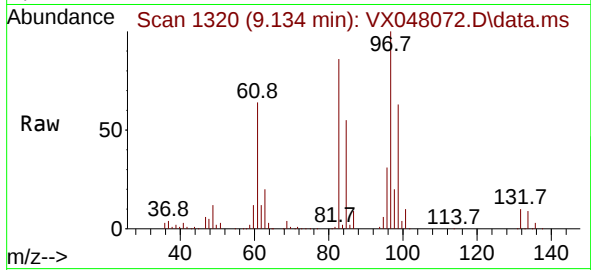
39 52.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 54.809 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

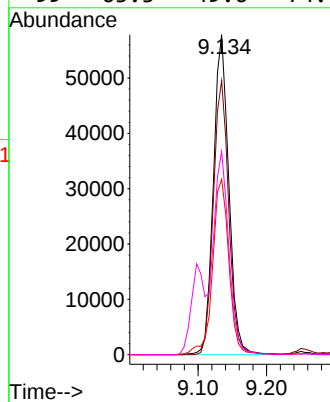
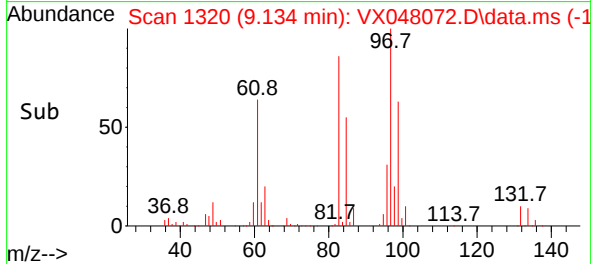
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



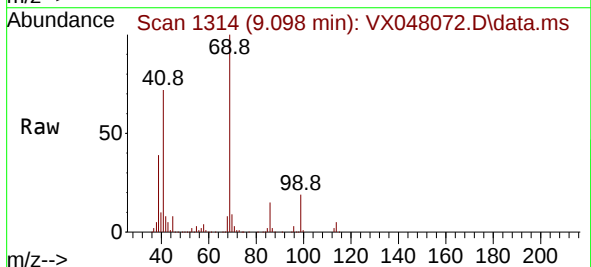
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.6	104.4
85	54.6	45.0	67.6
99	63.3	49.6	74.4

Manual Integrations
APPROVED

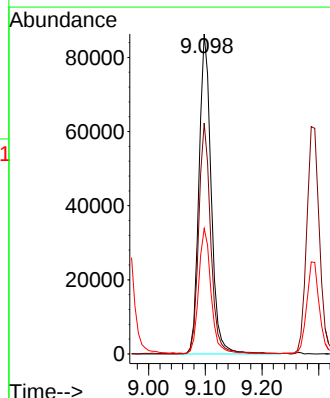
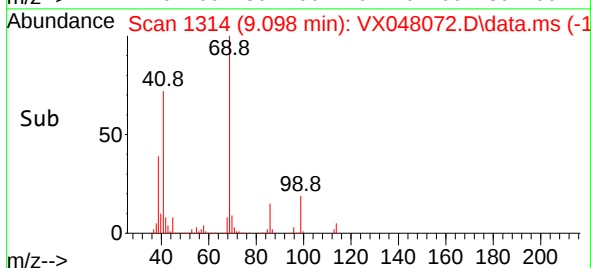
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

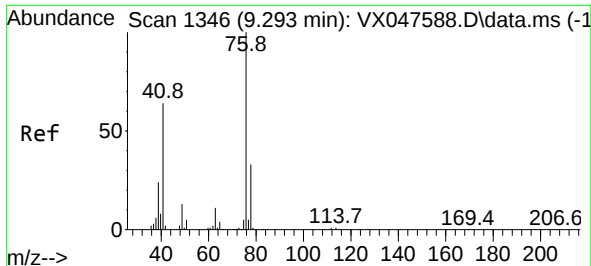


#56
Ethyl methacrylate
Concen: 49.904 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.6	87.8
39	39.4	31.5	47.3





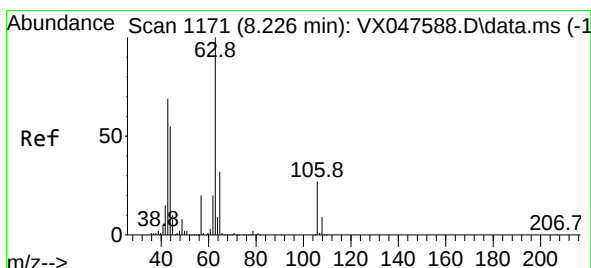
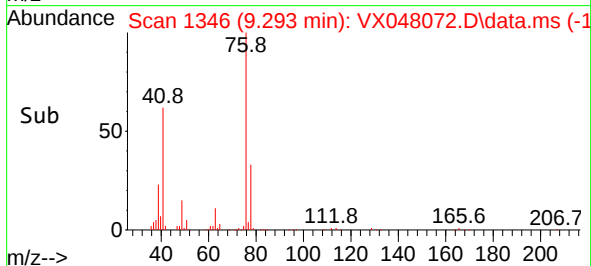
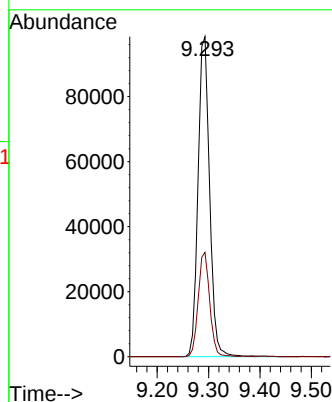
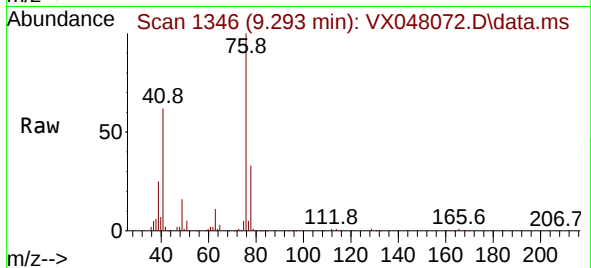
#57
1,3-Dichloropropane
Concen: 54.392 ug/l
RT: 9.293 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 15381
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4

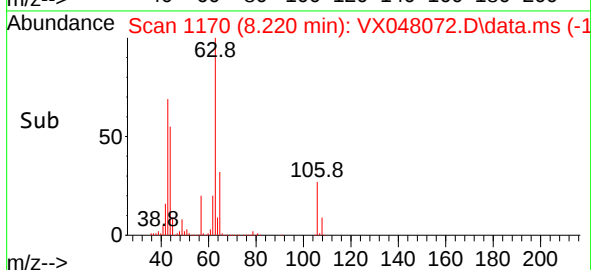
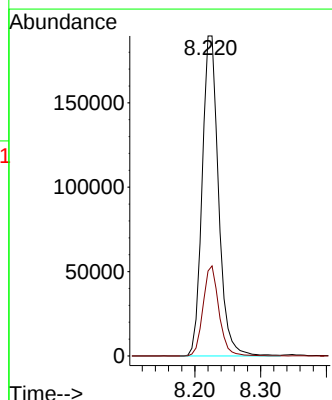
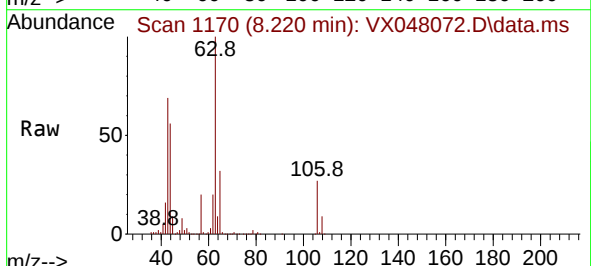
Manual Integrations
APPROVED

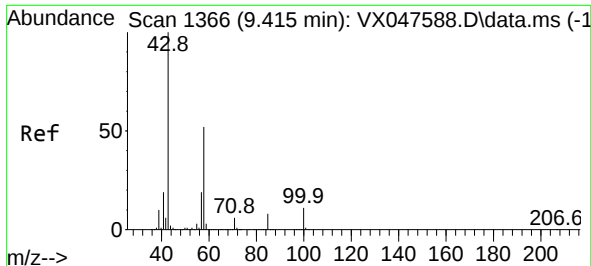
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 264.840 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

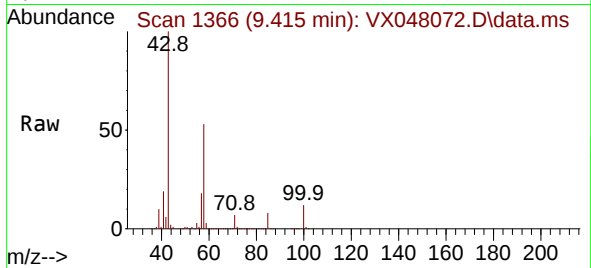
Tgt Ion: 63 Resp: 328449
Ion Ratio Lower Upper
63 100
106 27.3 21.9 32.9





#59
2-Hexanone
Concen: 236.316 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

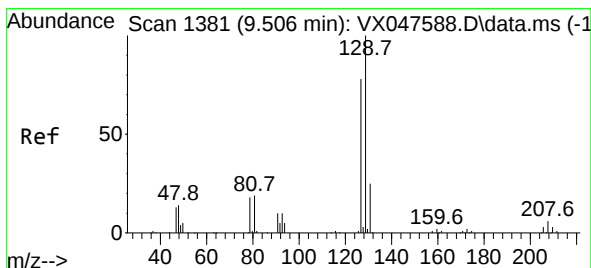
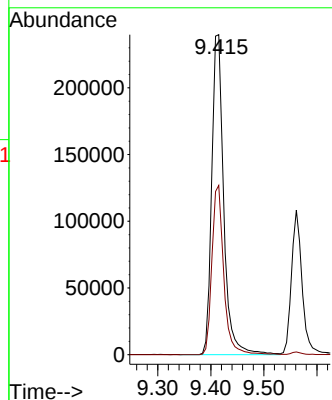
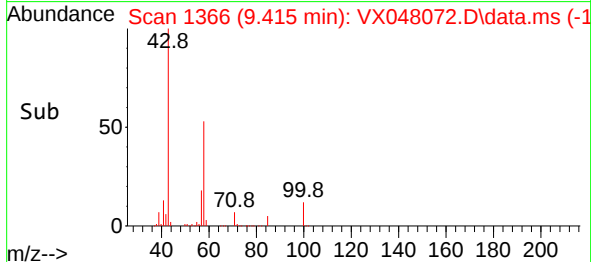
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37701
Ion Ratio Lower Upper
43 100
58 52.3 26.1 78.2

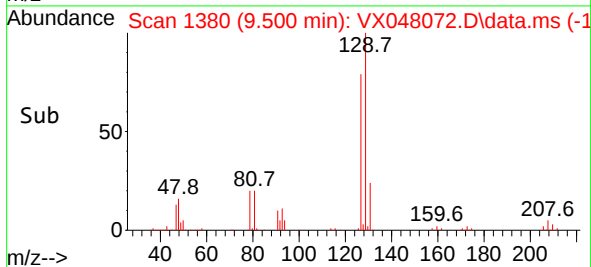
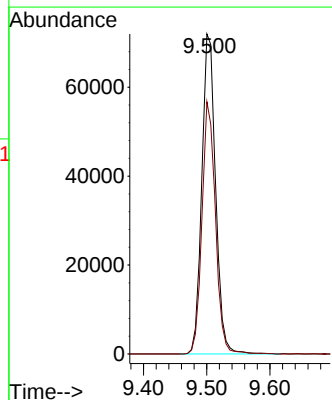
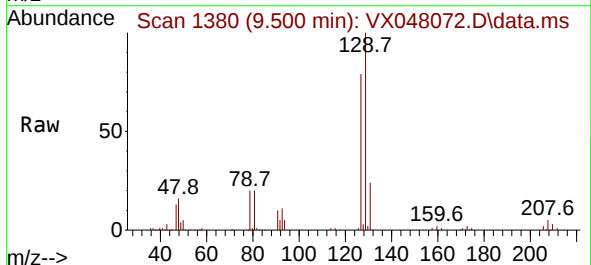
Manual Integrations
APPROVED

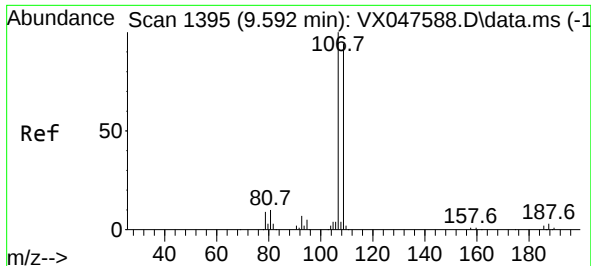
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
Dibromochloromethane
Concen: 57.636 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

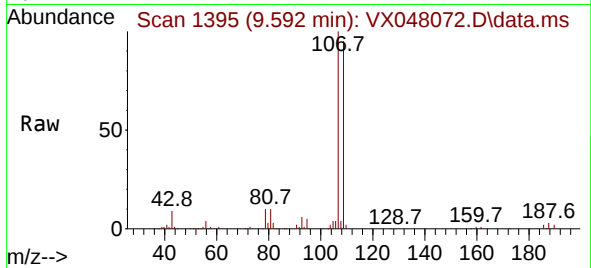
Tgt Ion:129 Resp: 109325
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2





#61
1,2-Dibromoethane
Concen: 53.316 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

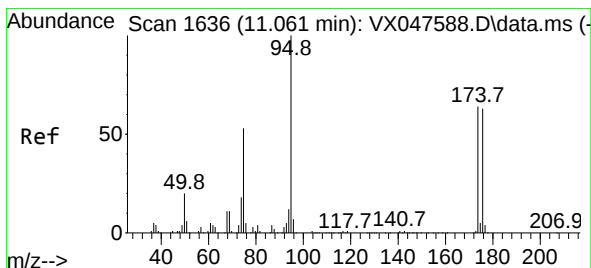
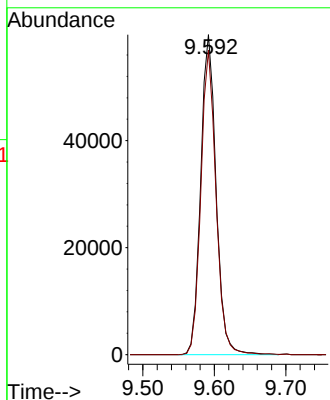
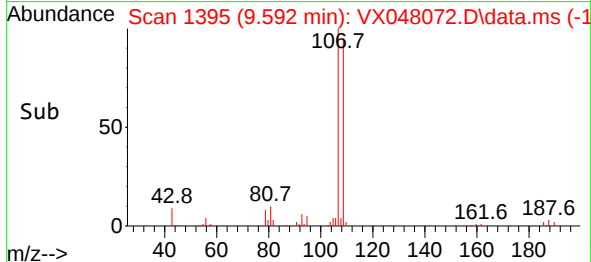
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



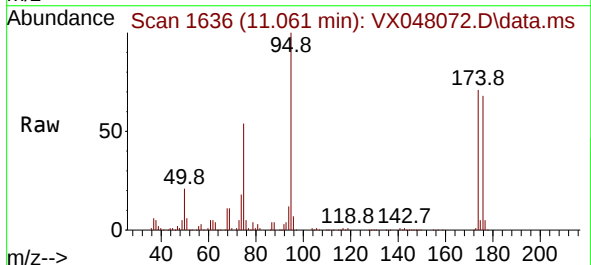
Tgt Ion:107 Resp: 89398
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

Manual Integrations
APPROVED

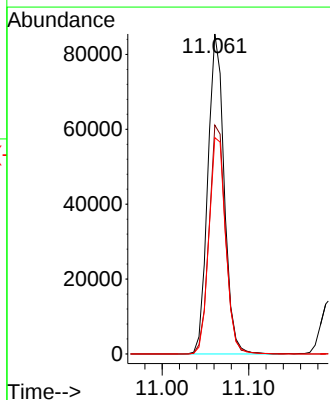
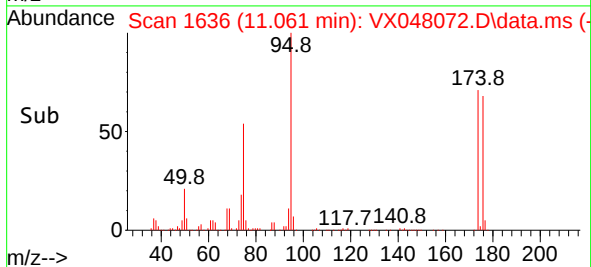
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
4-Bromofluorobenzene
Concen: 54.587 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



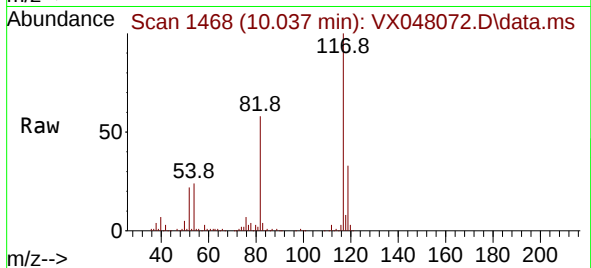
Tgt Ion: 95 Resp: 111926
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.4 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

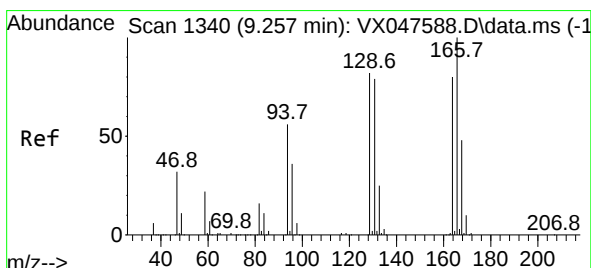
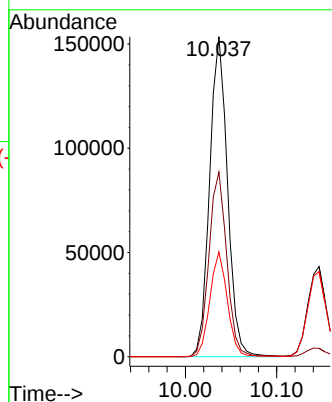
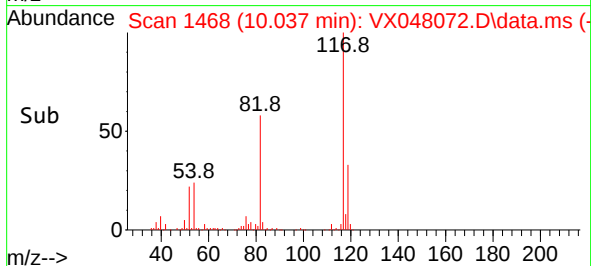
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20876
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.7 25.2 37.8

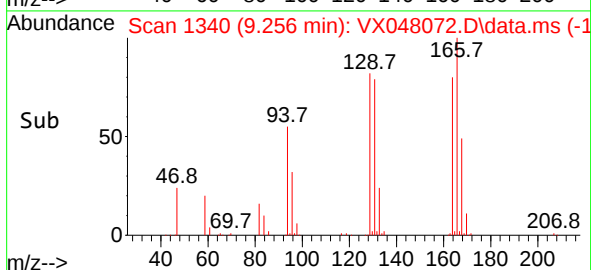
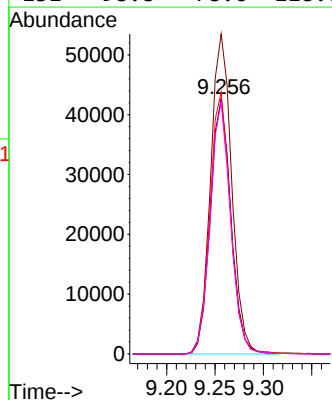
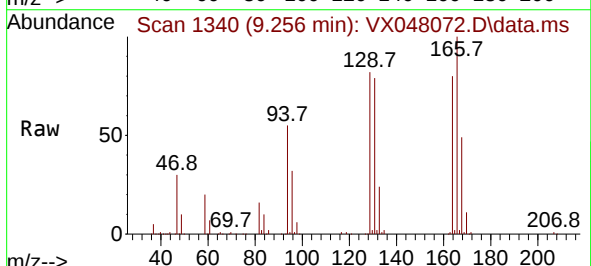
Manual Integrations
APPROVED

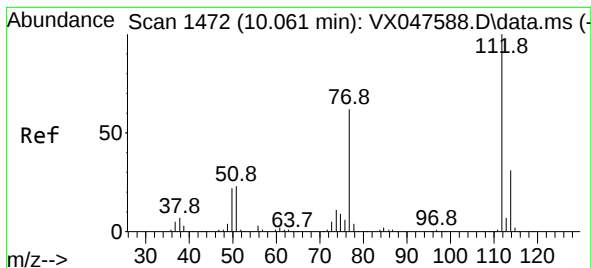
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Tetrachloroethene
Concen: 46.503 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:164 Resp: 63286
Ion Ratio Lower Upper
164 100
166 125.5 100.2 150.2
129 102.6 81.8 122.6
131 98.8 78.6 118.0





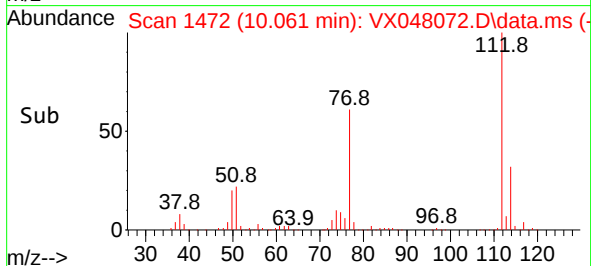
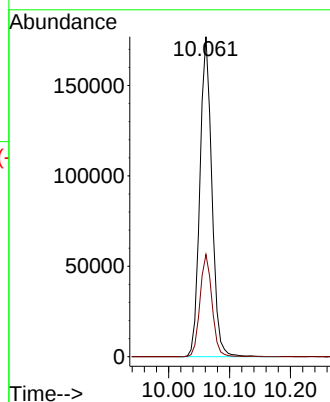
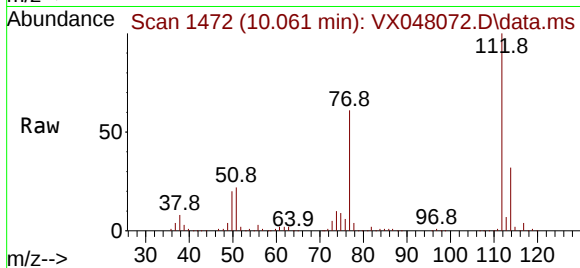
#65
Chlorobenzene
Concen: 50.846 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 241140
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

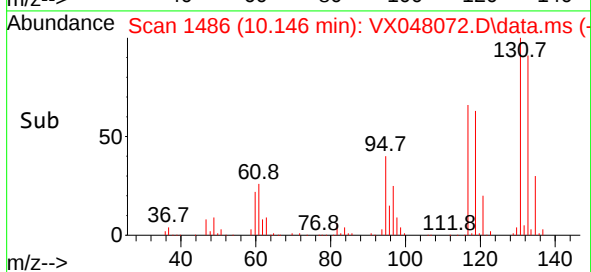
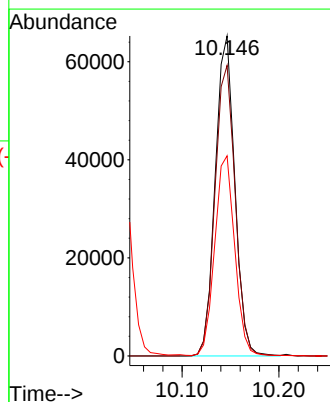
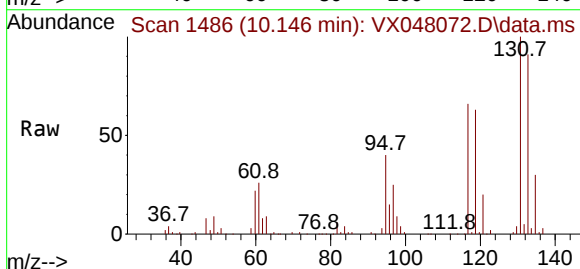
Manual Integrations
APPROVED

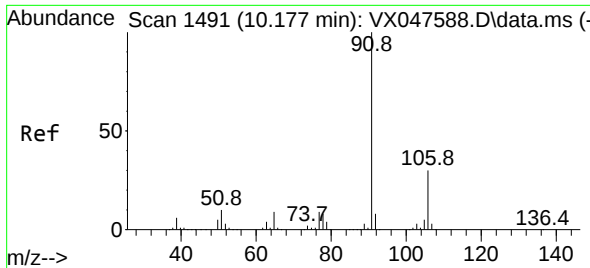
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.925 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

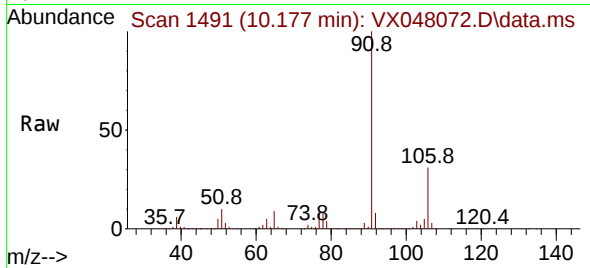
Tgt Ion:131 Resp: 91525
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 64.3 32.0 96.0





#67
Ethyl Benzene
Concen: 49.538 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

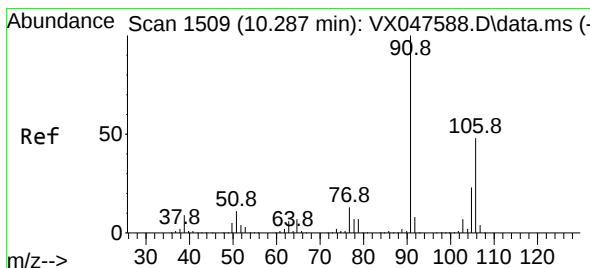
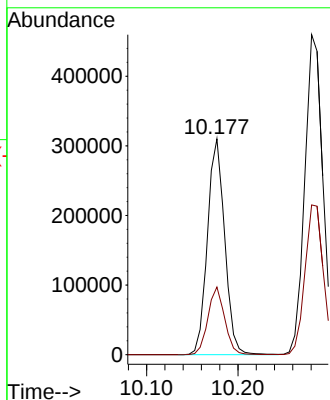
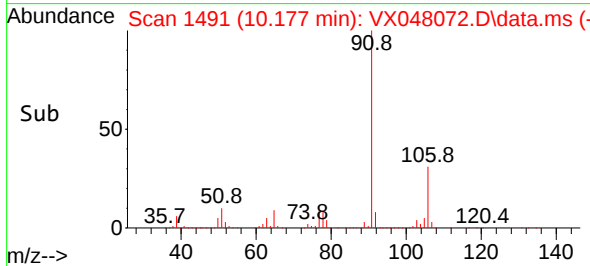
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



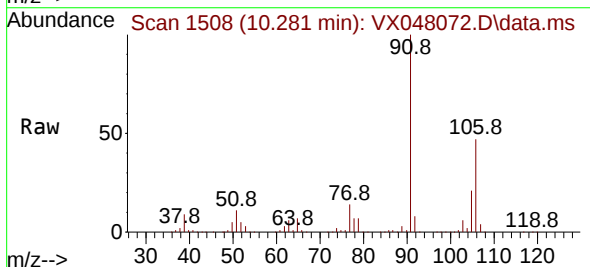
Tgt Ion: 91 Resp: 405378
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5

Manual Integrations
APPROVED

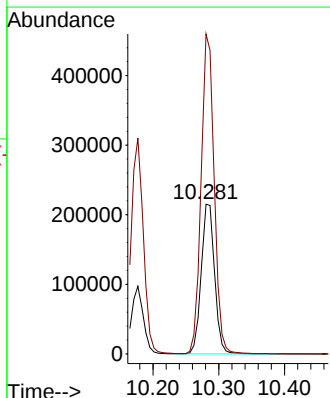
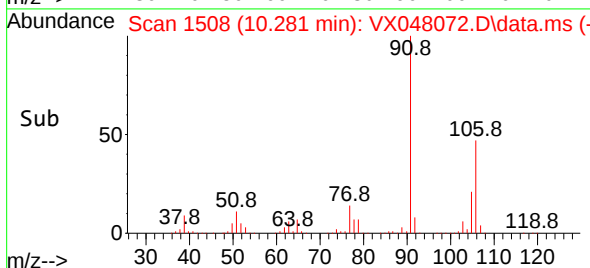
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

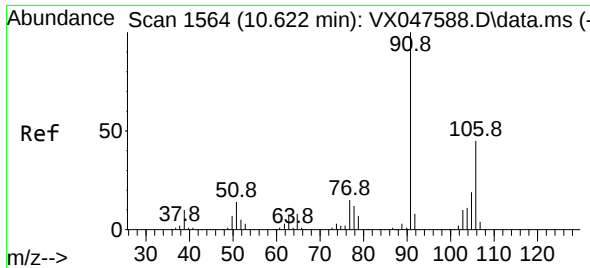


#68
m/p-Xylenes
Concen: 99.667 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



Tgt Ion:106 Resp: 303568
Ion Ratio Lower Upper
106 100
91 209.7 167.8 251.8





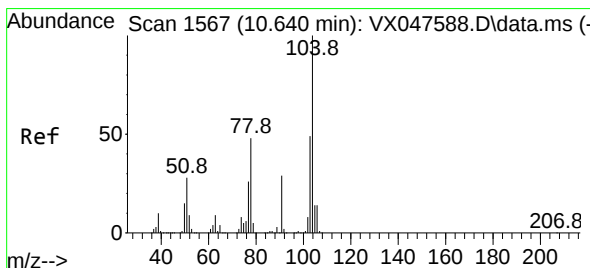
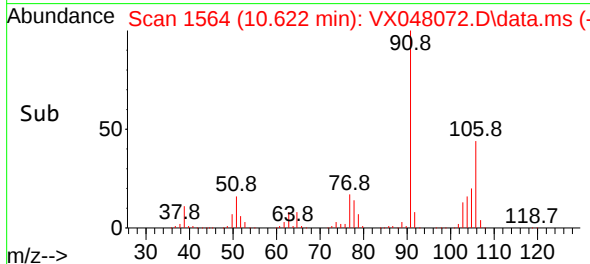
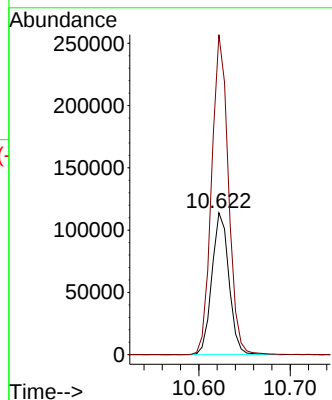
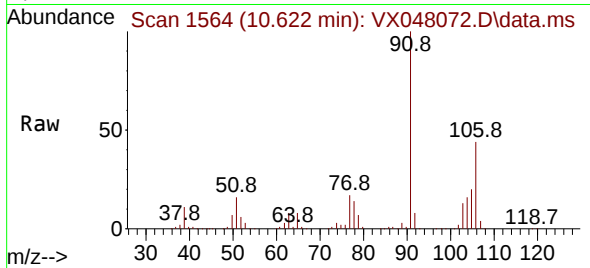
#69
o-Xylene
Concen: 49.964 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14719
Ion Ratio Lower Upper
106 100
91 222.7 111.1 333.4

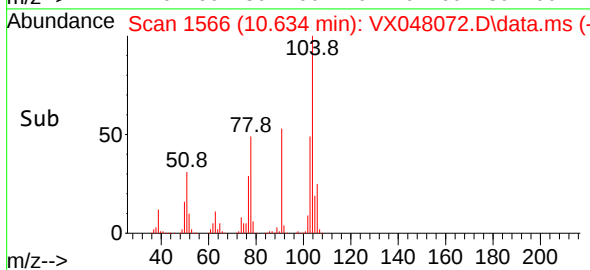
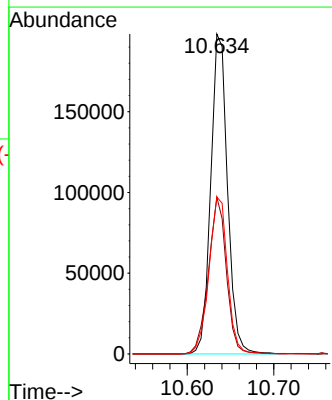
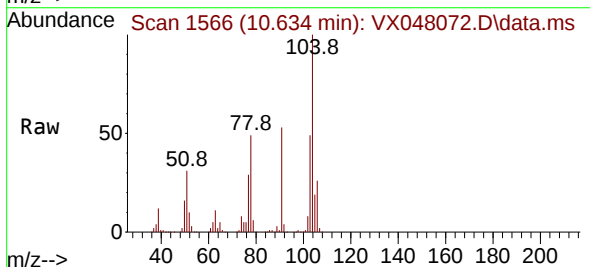
Manual Integrations
APPROVED

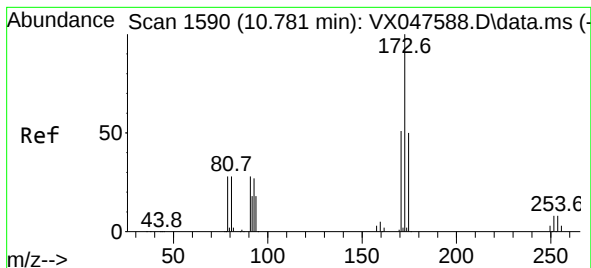
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
Styrene
Concen: 51.713 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:104 Resp: 266941
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 54.809 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

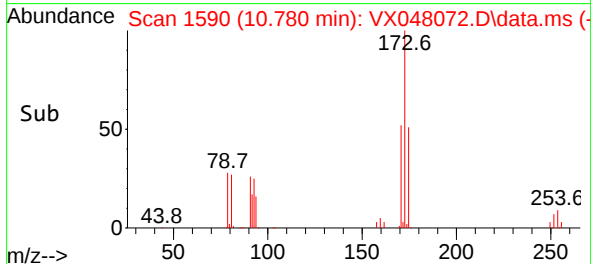
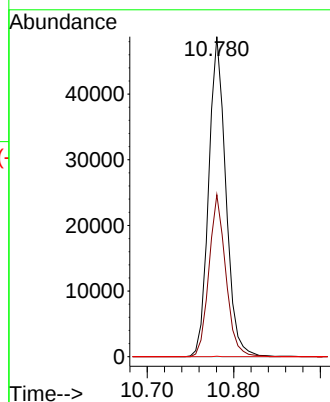
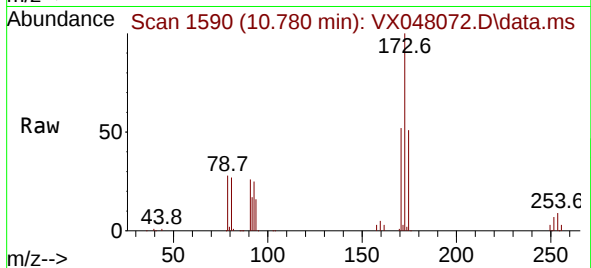
Tgt Ion:173 Resp: 6697
 Ion Ratio Lower Upper
 173 100
 175 49.6 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

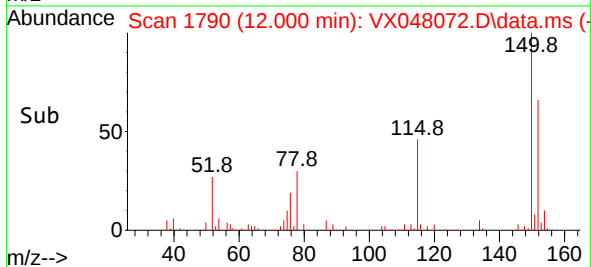
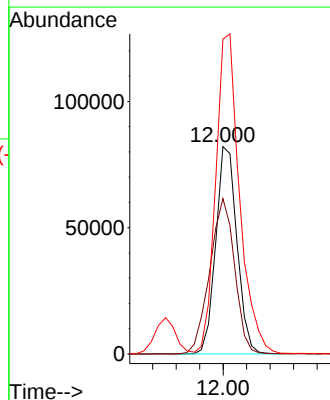
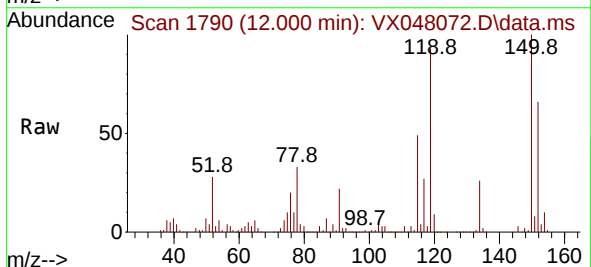
RT: 12.000 min Scan# 1790

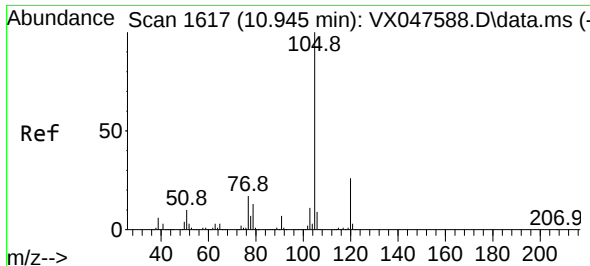
Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

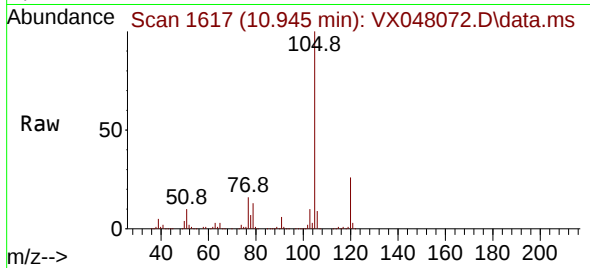
Tgt Ion:152 Resp: 103010
 Ion Ratio Lower Upper
 152 100
 115 87.9 44.9 134.5
 150 173.6 0.0 352.0





#73
Isopropylbenzene
Concen: 49.390 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

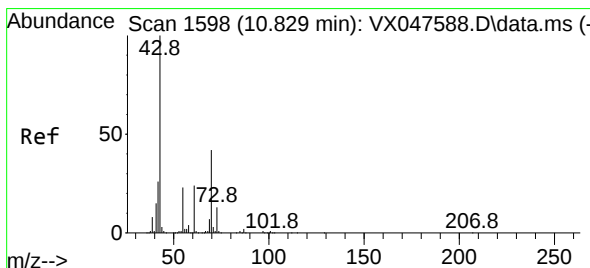
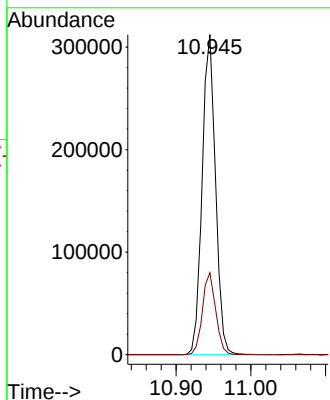
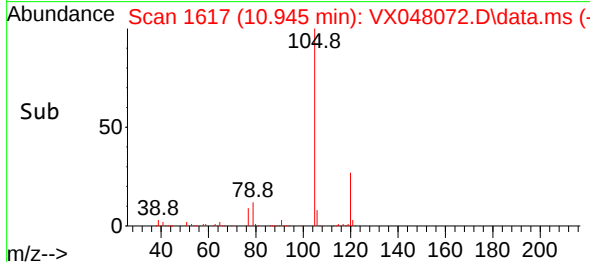
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 386794
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

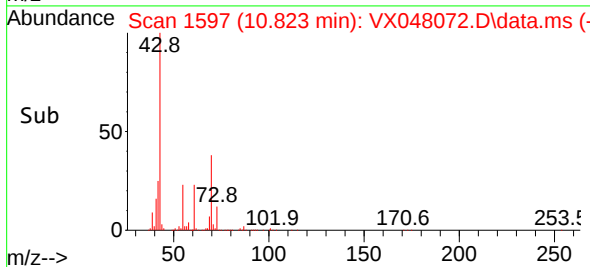
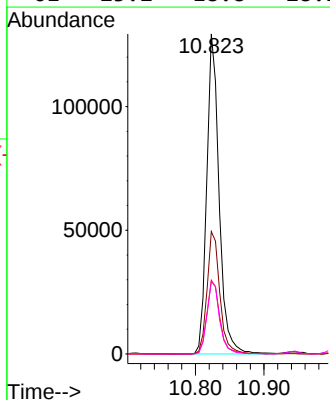
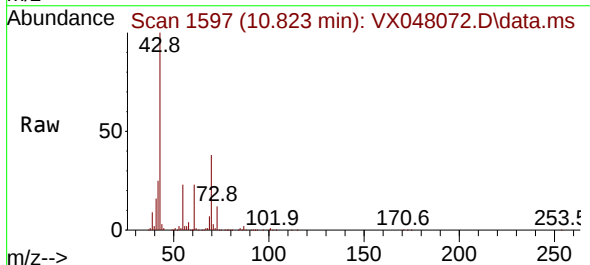
Manual Integrations
APPROVED

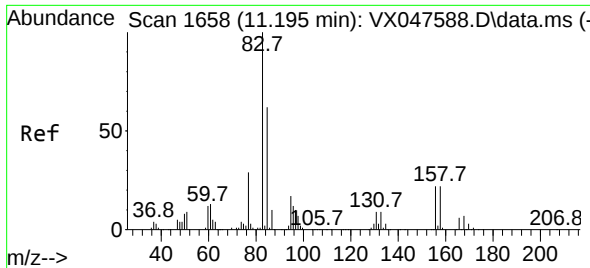
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#74
N-ethyl acetate
Concen: 45.527 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

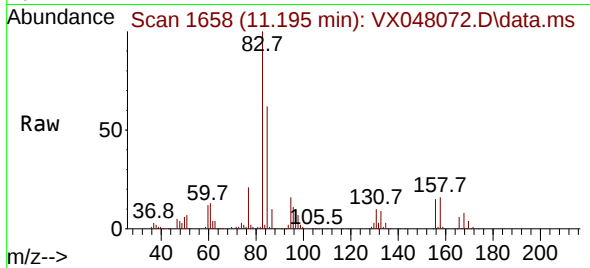
Tgt Ion: 43 Resp: 162589
Ion Ratio Lower Upper
43 100
70 39.5 32.0 48.0
55 24.3 18.9 28.3
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

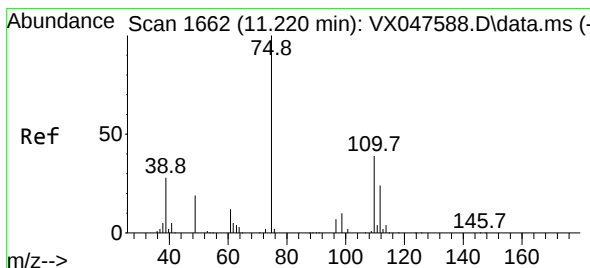
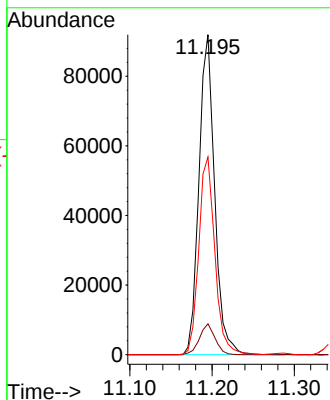
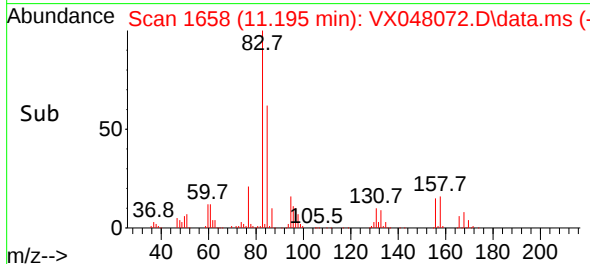
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12196
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.4 31.6 95.0

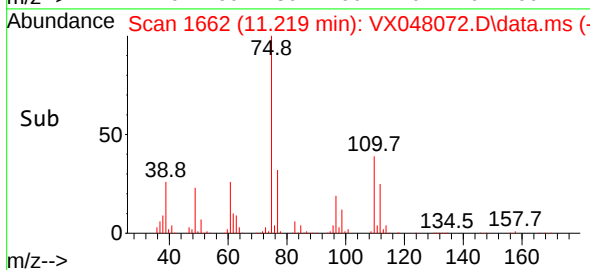
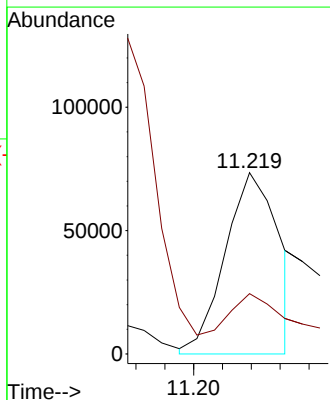
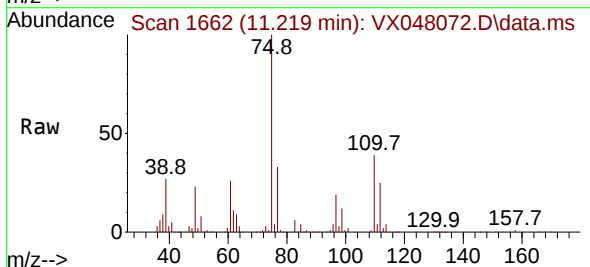
Manual Integrations
APPROVED

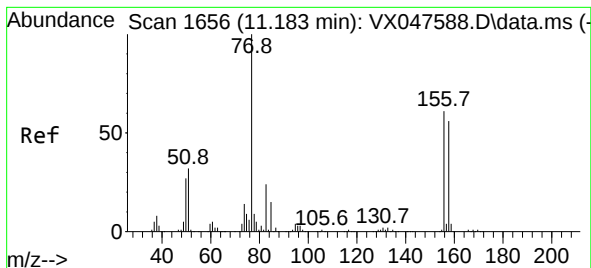
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,2,3-Trichloropropane
Concen: 45.623 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 95153
Ion Ratio Lower Upper
75 100
77 45.3 18.8 56.4





#77

Bromobenzene

Concen: 49.608 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 95680

Ion Ratio Lower Upper

156 100

77 174.4 89.7 269.1

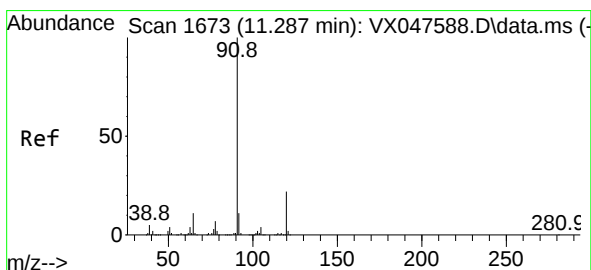
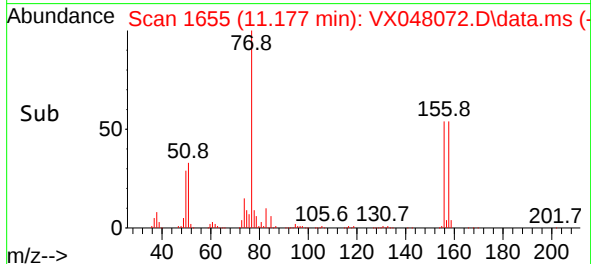
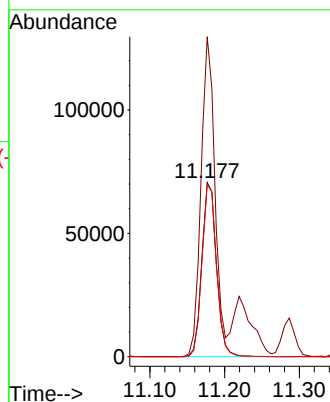
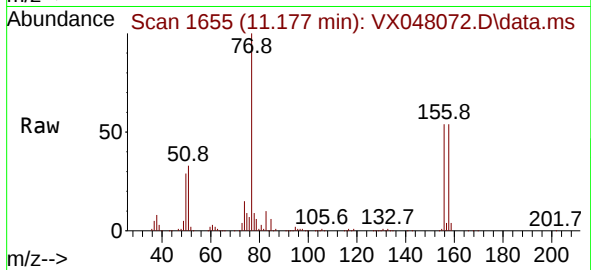
158 98.4 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#78

n-propylbenzene

Concen: 48.883 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048072.D

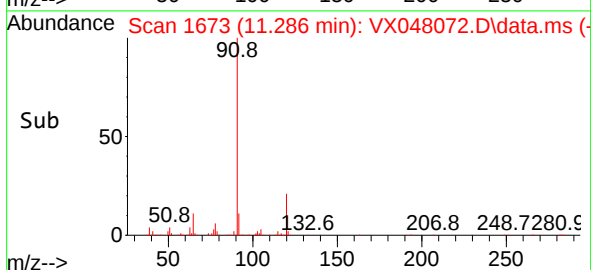
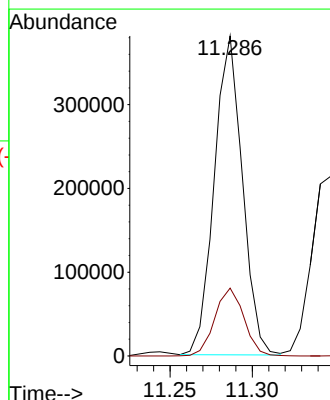
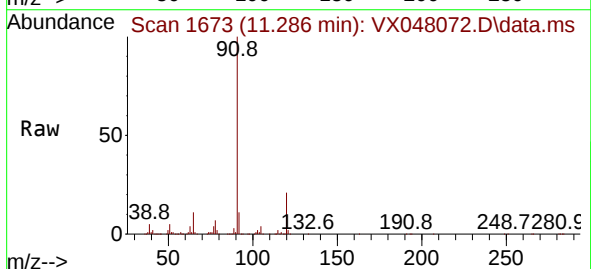
Acq: 09 Oct 2025 09:06

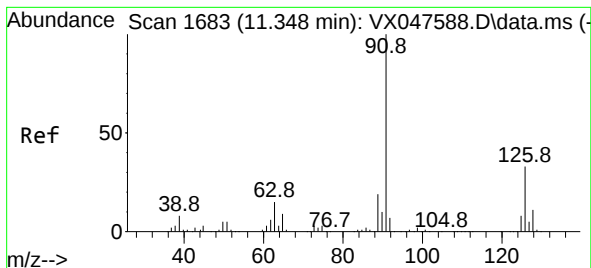
Tgt Ion: 91 Resp: 452552

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1





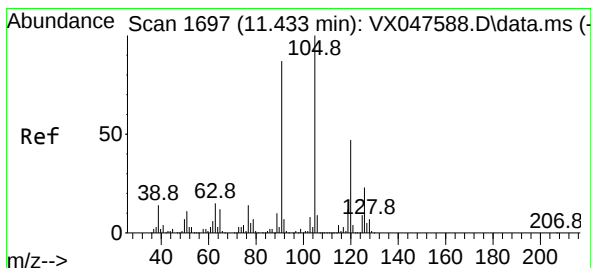
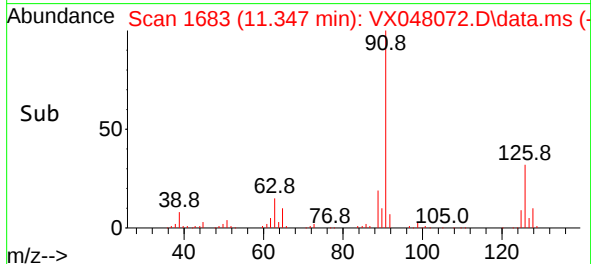
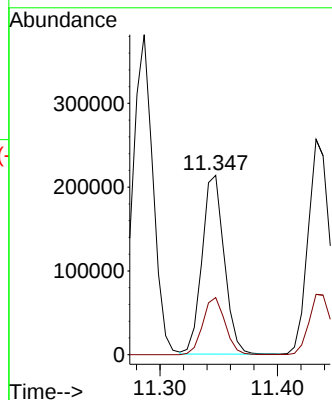
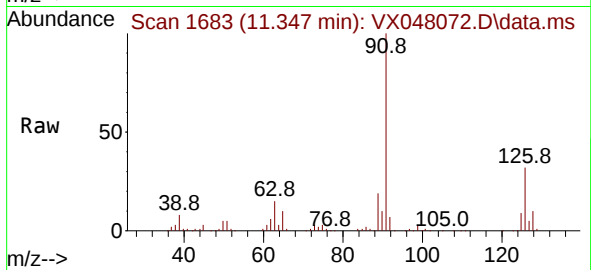
#79
2-Chlorotoluene
Concen: 49.487 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 280600
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

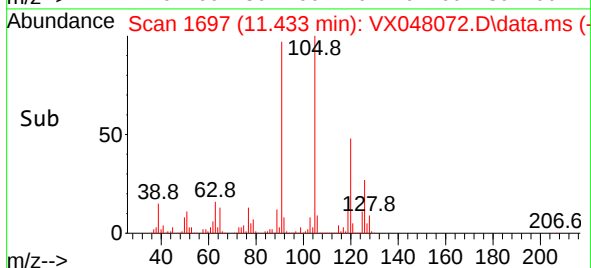
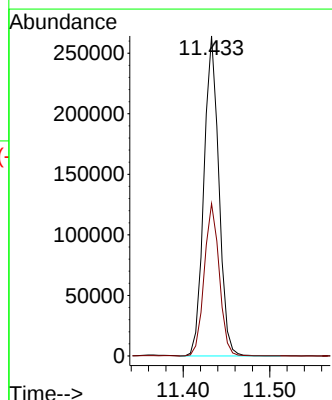
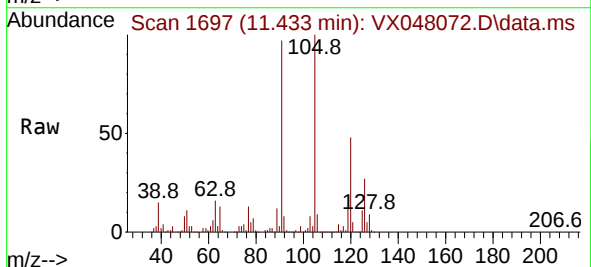
Manual Integrations
APPROVED

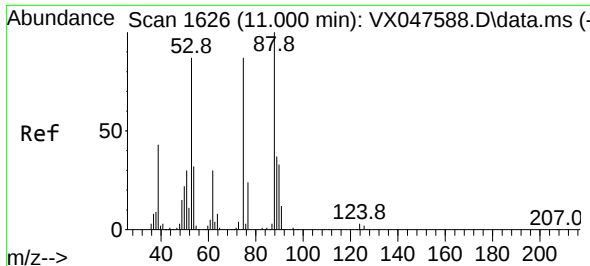
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.195 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

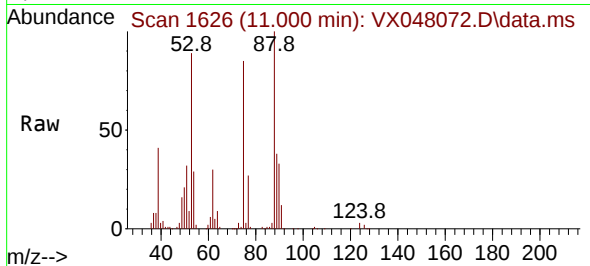
Tgt Ion:105 Resp: 316535
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.672 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

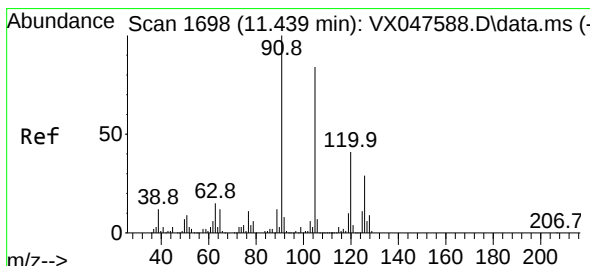
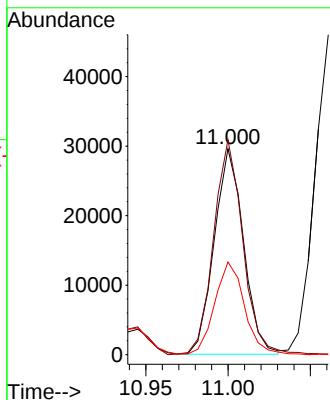
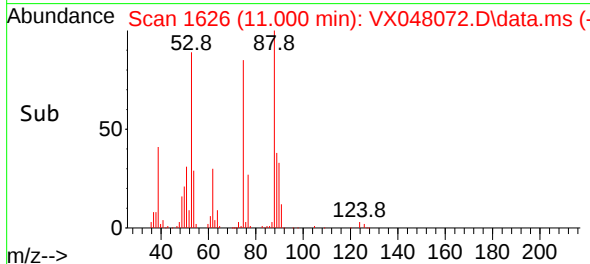
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



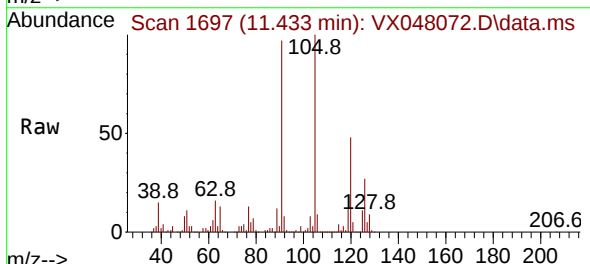
Tgt Ion: 75 Resp: 36538
Ion Ratio Lower Upper
75 100
53 104.9 83.4 125.2
89 46.1 36.3 54.5

Manual Integrations
APPROVED

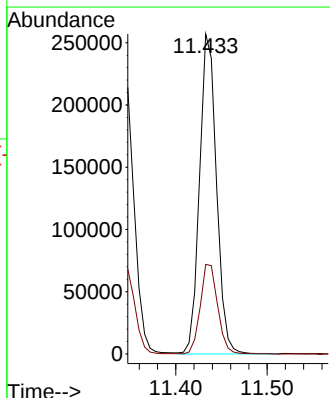
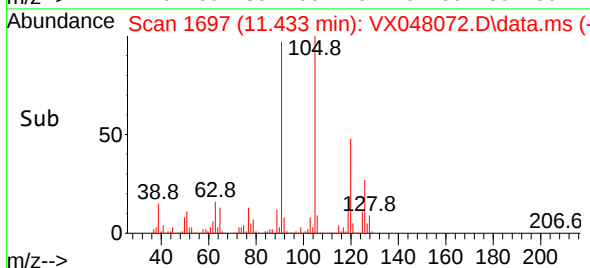
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

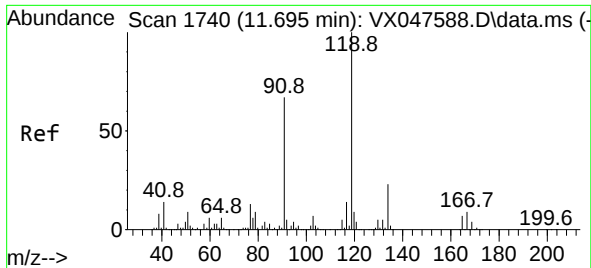


#82
4-Chlorotoluene
Concen: 49.516 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



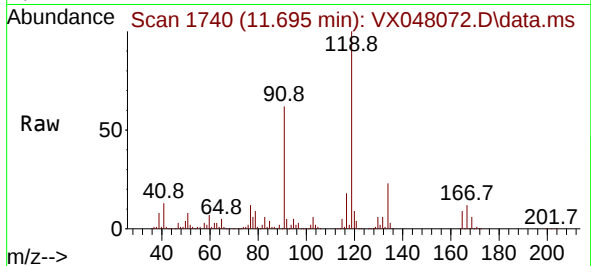
Tgt Ion: 91 Resp: 331598
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.946 ug/l
RT: 11.695 min Scan# 11740
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

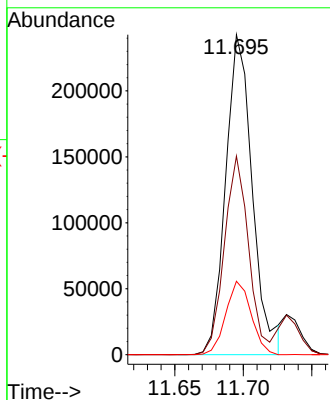
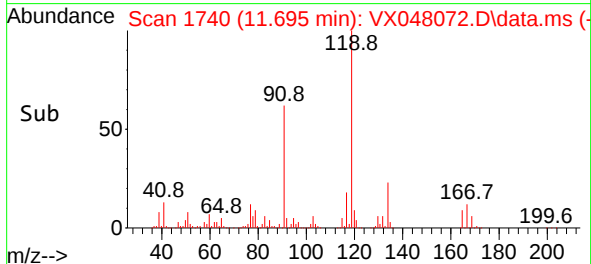
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



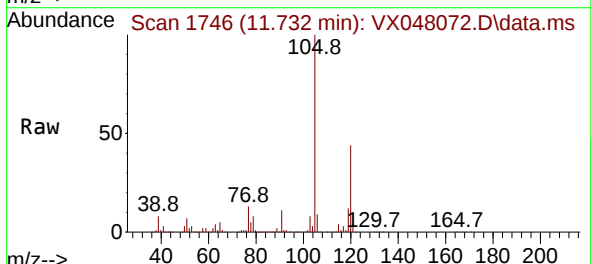
Tgt Ion:119 Resp: 328970
Ion Ratio Lower Upper
119 100
91 56.6 29.6 88.8
134 21.8 11.0 33.0

Manual Integrations
APPROVED

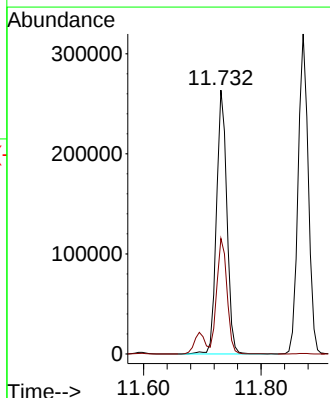
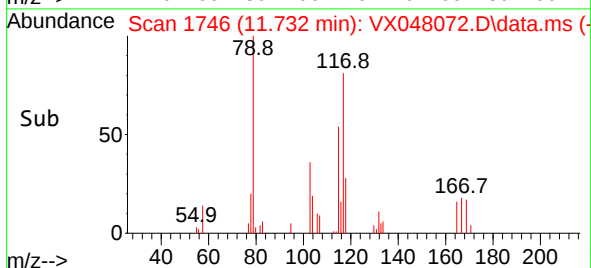
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

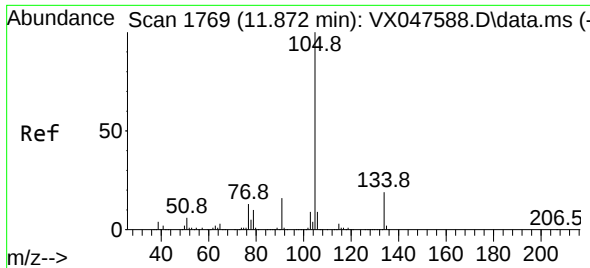


#84
1,2,4-Trimethylbenzene
Concen: 49.336 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



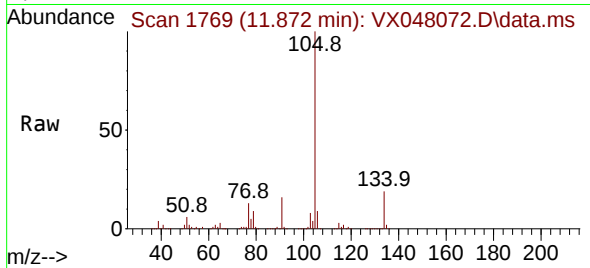
Tgt Ion:105 Resp: 321834
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 48.971 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06

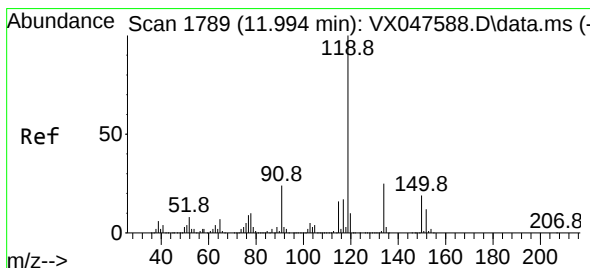
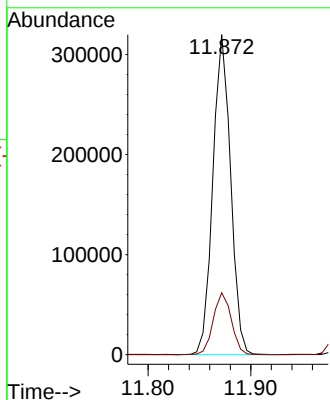
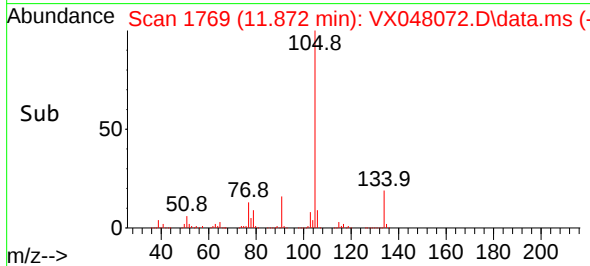
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



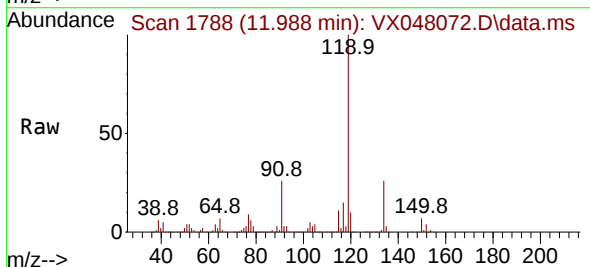
Tgt Ion:105 Resp: 383128
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

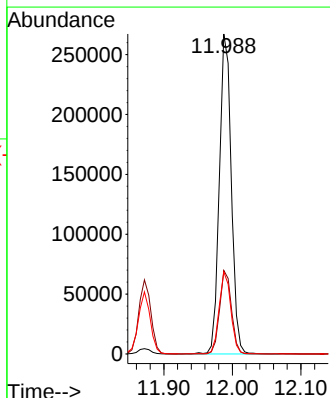
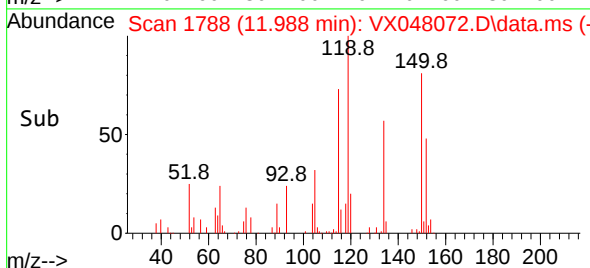
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

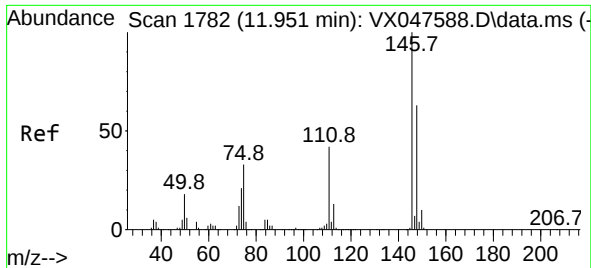


#86
 p-Isopropyltoluene
 Concen: 48.448 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048072.D
 Acq: 09 Oct 2025 09:06



Tgt Ion:119 Resp: 320894
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.2 12.6 37.6





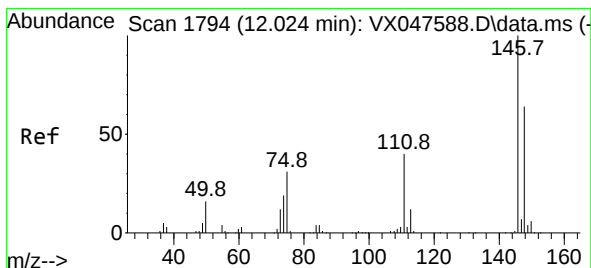
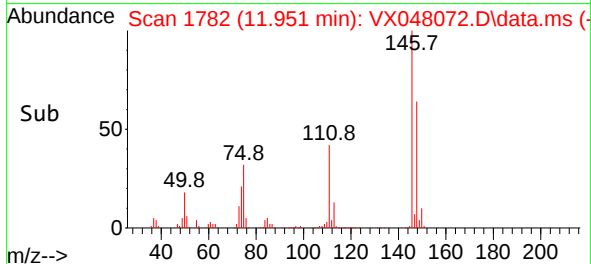
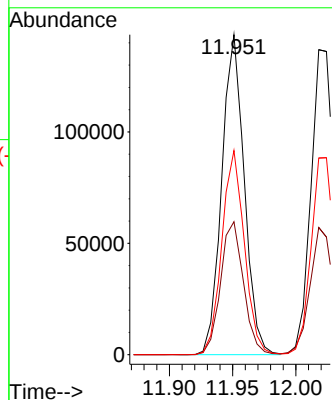
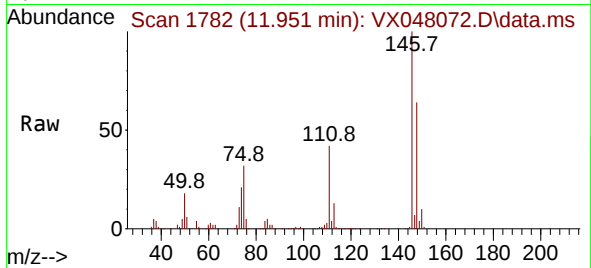
#87
1,3-Dichlorobenzene
Concen: 49.540 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 177485
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.8 32.0 96.0

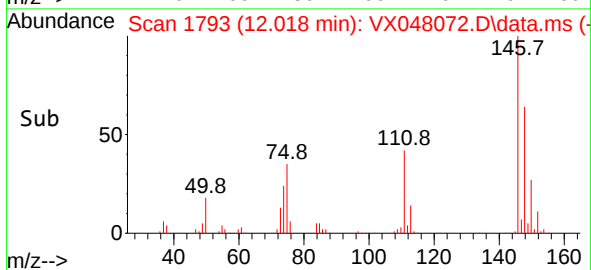
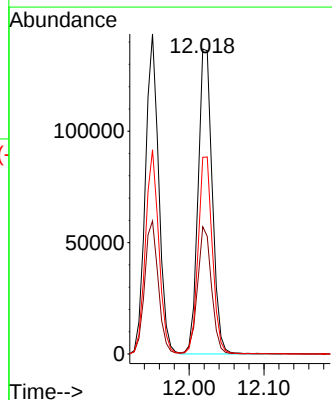
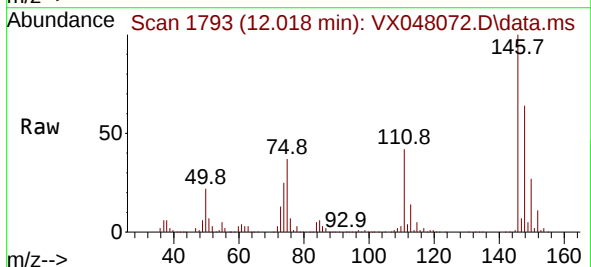
Manual Integrations
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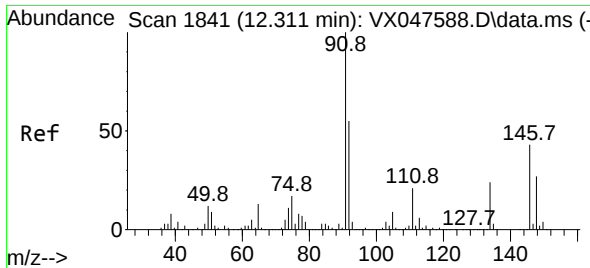
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#88
1,4-Dichlorobenzene
Concen: 49.106 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

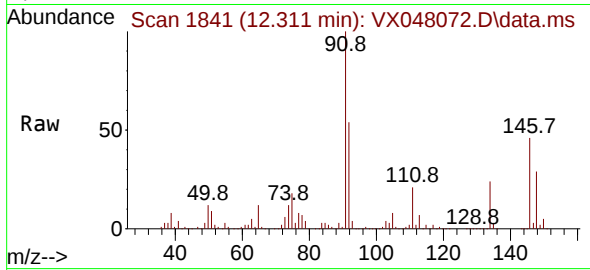
Tgt Ion:146 Resp: 180566
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 47.890 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

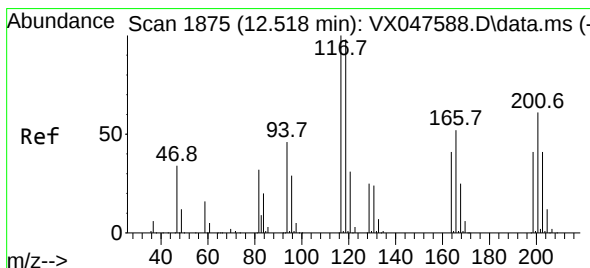
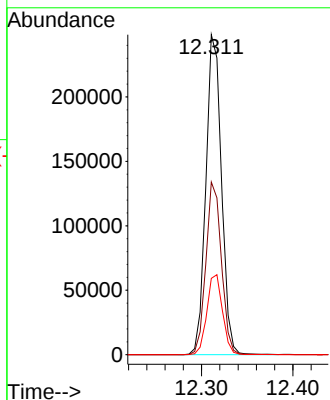
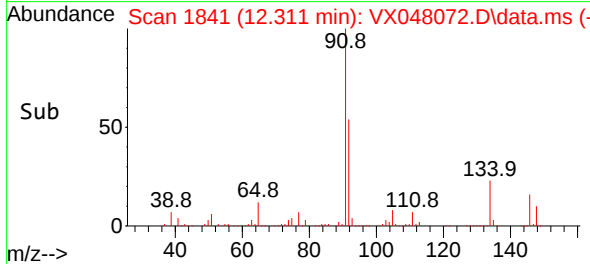
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 29350
Ion Ratio Lower Upper
91 100
92 53.6 27.6 82.7
134 25.0 12.6 37.8

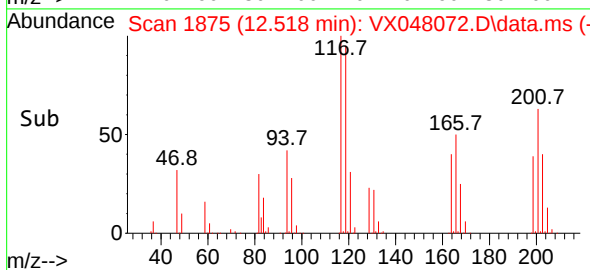
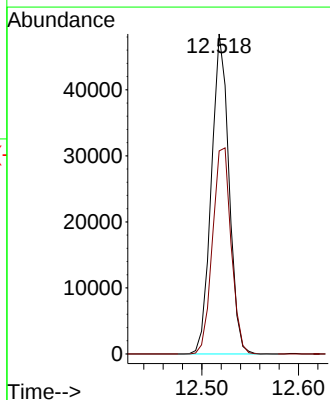
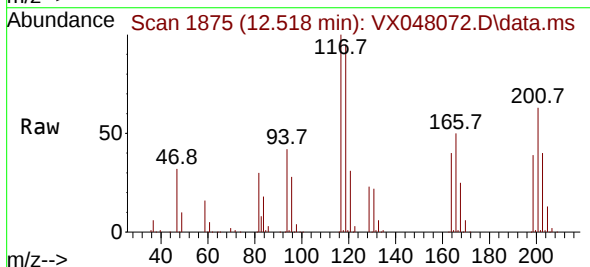
Manual Integrations
APPROVED

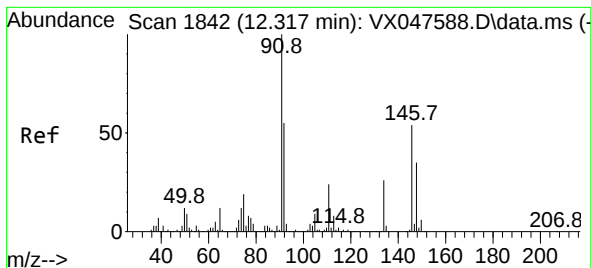
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#90
Hexachloroethane
Concen: 52.533 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

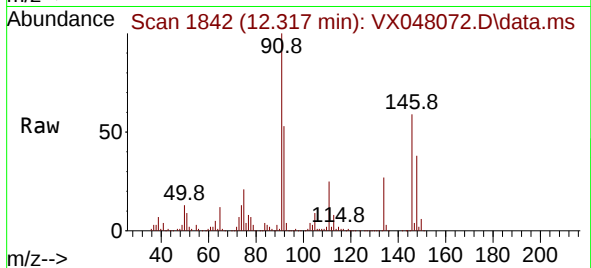
Tgt Ion:117 Resp: 61089
Ion Ratio Lower Upper
117 100
201 68.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.218 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

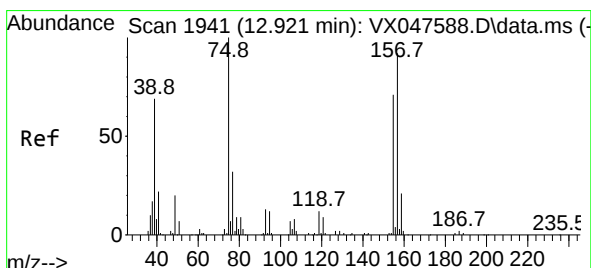
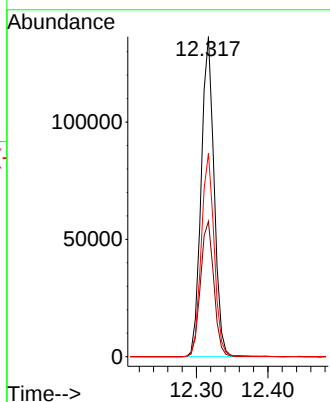
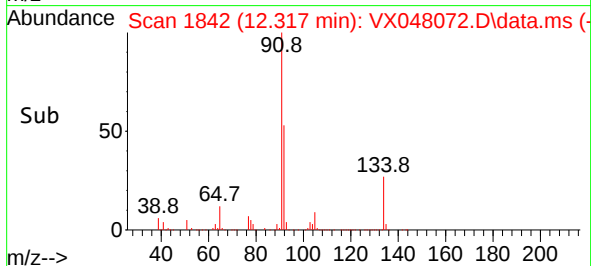
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 171400
Ion Ratio Lower Upper
146 100
111 43.6 22.2 66.6
148 63.4 31.8 95.4

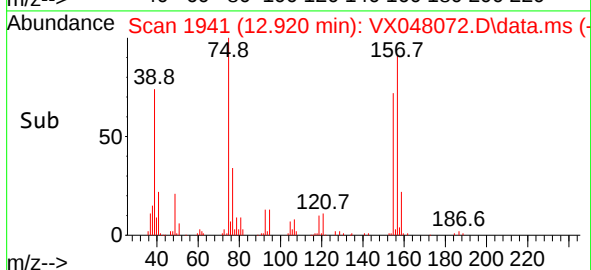
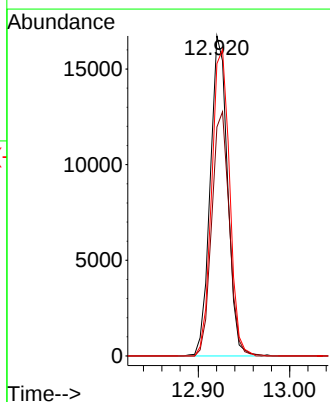
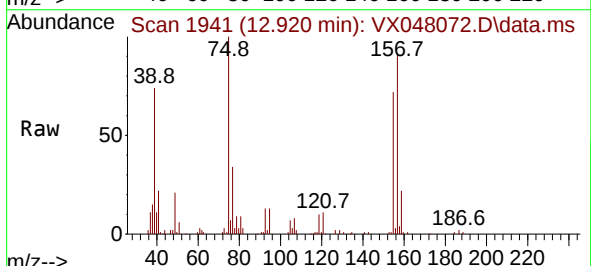
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.842 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 21991
Ion Ratio Lower Upper
75 100
155 77.3 37.7 113.1
157 98.8 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 46.884 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10400

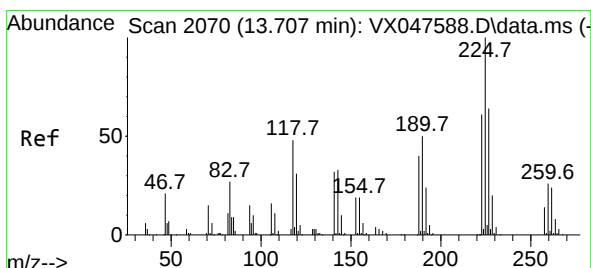
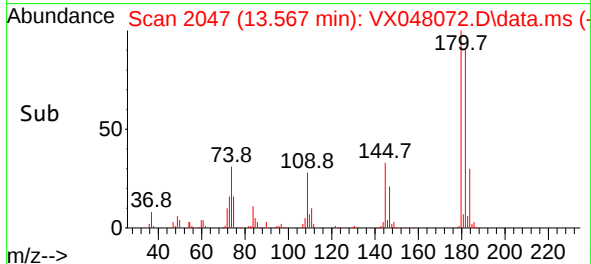
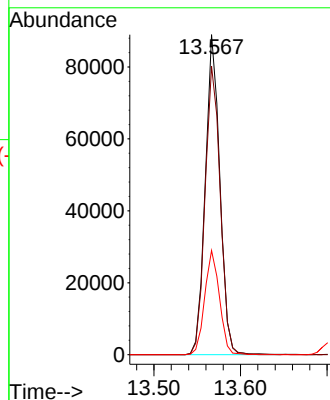
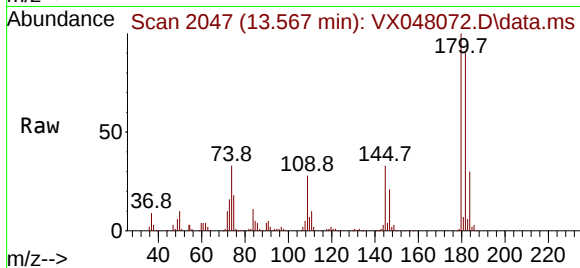
Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.8
145	32.9	16.4	49.1

Manual Integrations

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Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#94

Hexachlorobutadiene

Concen: 46.150 ug/l

RT: 13.707 min Scan# 2070

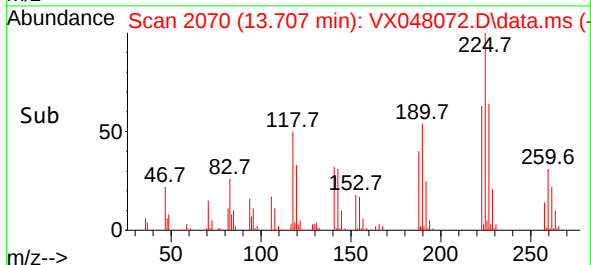
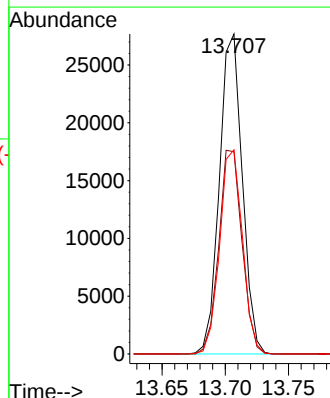
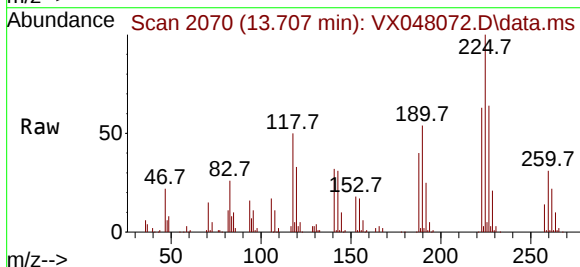
Delta R.T. -0.000 min

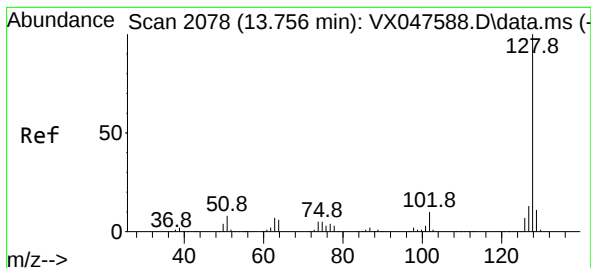
Lab File: VX048072.D

Acq: 09 Oct 2025 09:06

Tgt Ion:225 Resp: 34773

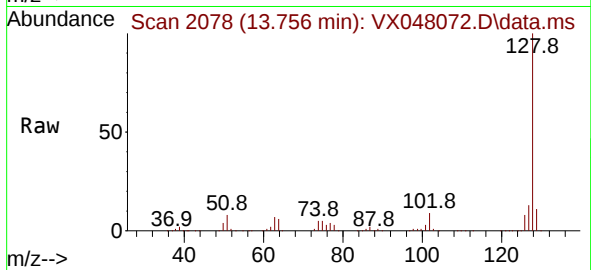
Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.7	95.1
227	63.5	32.0	96.0





#95
Naphthalene
Concen: 45.333 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

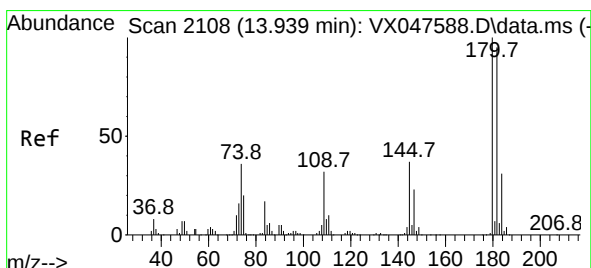
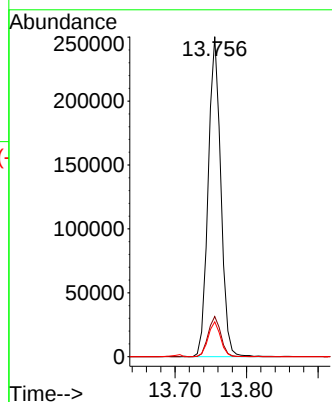
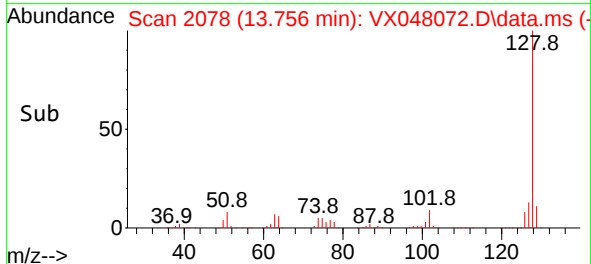
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



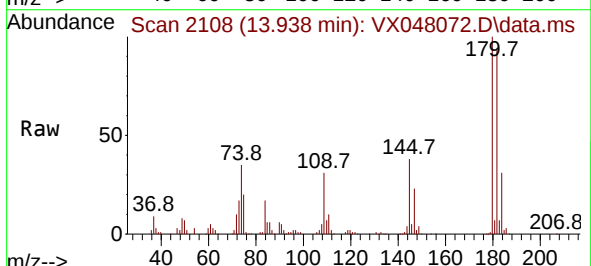
Tgt Ion:128 Resp: 30621
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.250 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06



Tgt Ion:180 Resp: 97500
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.8
145 35.7 17.9 53.7

