

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047868.D
 Acq On : 29 Sep 2025 08:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 30 01:13:30 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	185893	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	309770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	129970	43.924	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.840%		
35) Dibromofluoromethane	5.367	113	101837	49.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.634	98	346572	48.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.420%		
62) 4-Bromofluorobenzene	11.061	95	126953	46.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	116708	60.629	ug/l	99
3) Chloromethane	1.300	50	125447	49.585	ug/l	99
4) Vinyl Chloride	1.380	62	135629	54.766	ug/l	98
5) Bromomethane	1.611	94	86419	55.030	ug/l	100
6) Chloroethane	1.691	64	84945	51.320	ug/l	99
7) Trichlorofluoromethane	1.892	101	199222	54.179	ug/l	99
8) Diethyl Ether	2.130	74	74991	49.855	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	119693	55.668	ug/l	99
10) Methyl Iodide	2.453	142	137605	41.036	ug/l	99
11) Tert butyl alcohol	2.946	59	87534	265.618	ug/l	100
12) 1,1-Dichloroethene	2.319	96	116491	52.744	ug/l	95
13) Acrolein	2.233	56	79028	260.231	ug/l	98
14) Allyl chloride	2.660	41	218958	48.043	ug/l	98
15) Acrylonitrile	3.056	53	338725	277.492	ug/l	99
16) Acetone	2.373	43	361134	280.697	ug/l	96
17) Carbon Disulfide	2.514	76	309661	51.215	ug/l	98
18) Methyl Acetate	2.696	43	163451	57.086	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	392389	48.669	ug/l	98
20) Methylene Chloride	2.782	84	131286	48.208	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	121835	51.238	ug/l	95
22) Diisopropyl ether	3.745	45	425099	48.128	ug/l #	80
23) Vinyl Acetate	3.709	43	1764450	249.599	ug/l	99
24) 1,1-Dichloroethane	3.599	63	231350	49.280	ug/l	99
25) 2-Butanone	4.532	43	448655	279.567	ug/l	99
26) 2,2-Dichloropropane	4.464	77	189672	48.604	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	142090	48.794	ug/l	98
28) Bromochloromethane	4.879	49	93704	45.720	ug/l	97
29) Tetrahydrofuran	4.983	42	264898	274.385	ug/l	99
30) Chloroform	5.074	83	231088	48.711	ug/l	99
31) Cyclohexane	5.452	56	184690	47.235	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	200353	49.790	ug/l	99
36) 1,1-Dichloropropene	5.672	75	151572	49.930	ug/l	98
37) Ethyl Acetate	4.696	43	173745	53.454	ug/l	99
38) Carbon Tetrachloride	5.659	117	173335	52.552	ug/l	97
39) Methylcyclohexane	7.366	83	179843	52.190	ug/l	96
40) Benzene	6.019	78	469430	50.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	92805	55.306	ug/l	99
42) 1,2-Dichloroethane	6.068	62	169122	48.208	ug/l	98
43) Isopropyl Acetate	6.318	43	275987	51.772	ug/l	99
44) Trichloroethene	7.104	130	116728	52.365	ug/l	97
45) 1,2-Dichloropropane	7.409	63	121849	51.610	ug/l	100
46) Dibromomethane	7.561	93	86727	50.480	ug/l	98
47) Bromodichloromethane	7.805	83	182124	51.370	ug/l	99
48) Methyl methacrylate	7.677	41	138099	52.008	ug/l	97
49) 1,4-Dioxane	7.641	88	36057	1343.657	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	831427	281.303	ug/l	99
52) Toluene	8.702	92	285361	50.235	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	177961	49.211	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	192314	49.755	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	111620	50.959	ug/l	98
56) Ethyl methacrylate	9.098	69	180325	52.421	ug/l	97
57) 1,3-Dichloropropane	9.293	76	190862	50.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	478951	288.479	ug/l	99
59) 2-Hexanone	9.415	43	603746	284.417	ug/l	98
60) Dibromochloromethane	9.506	129	133727	52.986	ug/l	100
61) 1,2-Dibromoethane	9.592	107	116932	52.412	ug/l	100
64) Tetrachloroethene	9.256	164	90723	51.740	ug/l	98
65) Chlorobenzene	10.061	112	311914	51.045	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	109941	52.139	ug/l	100
67) Ethyl Benzene	10.177	91	541862	51.394	ug/l	99
68) m/p-Xylenes	10.287	106	409378	104.318	ug/l	97
69) o-Xylene	10.622	106	192409	50.691	ug/l	99
70) Styrene	10.640	104	339311	51.017	ug/l	99
71) Bromoform	10.780	173	88291	56.076	ug/l #	97
73) Isopropylbenzene	10.945	105	509330	50.948	ug/l	100
74) N-amyl acetate	10.823	43	233722	51.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	162045	53.575	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	129326m	48.576	ug/l	
77) Bromobenzene	11.183	156	123612	50.204	ug/l	95
78) n-propylbenzene	11.286	91	604446	51.147	ug/l	99
79) 2-Chlorotoluene	11.347	91	354495	48.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	414443	50.459	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	52874	50.645	ug/l	97
82) 4-Chlorotoluene	11.439	91	419046	49.019	ug/l	98
83) tert-Butylbenzene	11.695	119	427258	50.816	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	417985	50.196	ug/l	98
85) sec-Butylbenzene	11.872	105	512347	51.301	ug/l	100
86) p-Isopropyltoluene	11.988	119	430271	50.890	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	228315	49.923	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	229920	48.983	ug/l	99
89) n-Butylbenzene	12.317	91	402968	51.508	ug/l	99
90) Hexachloroethane	12.518	117	78523	52.897	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	218366	50.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33228	54.261	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	138822	49.024	ug/l	98
94) Hexachlorobutadiene	13.707	225	48414	50.335	ug/l	99
95) Naphthalene	13.756	128	447951	51.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	132359	50.248	ug/l	100

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

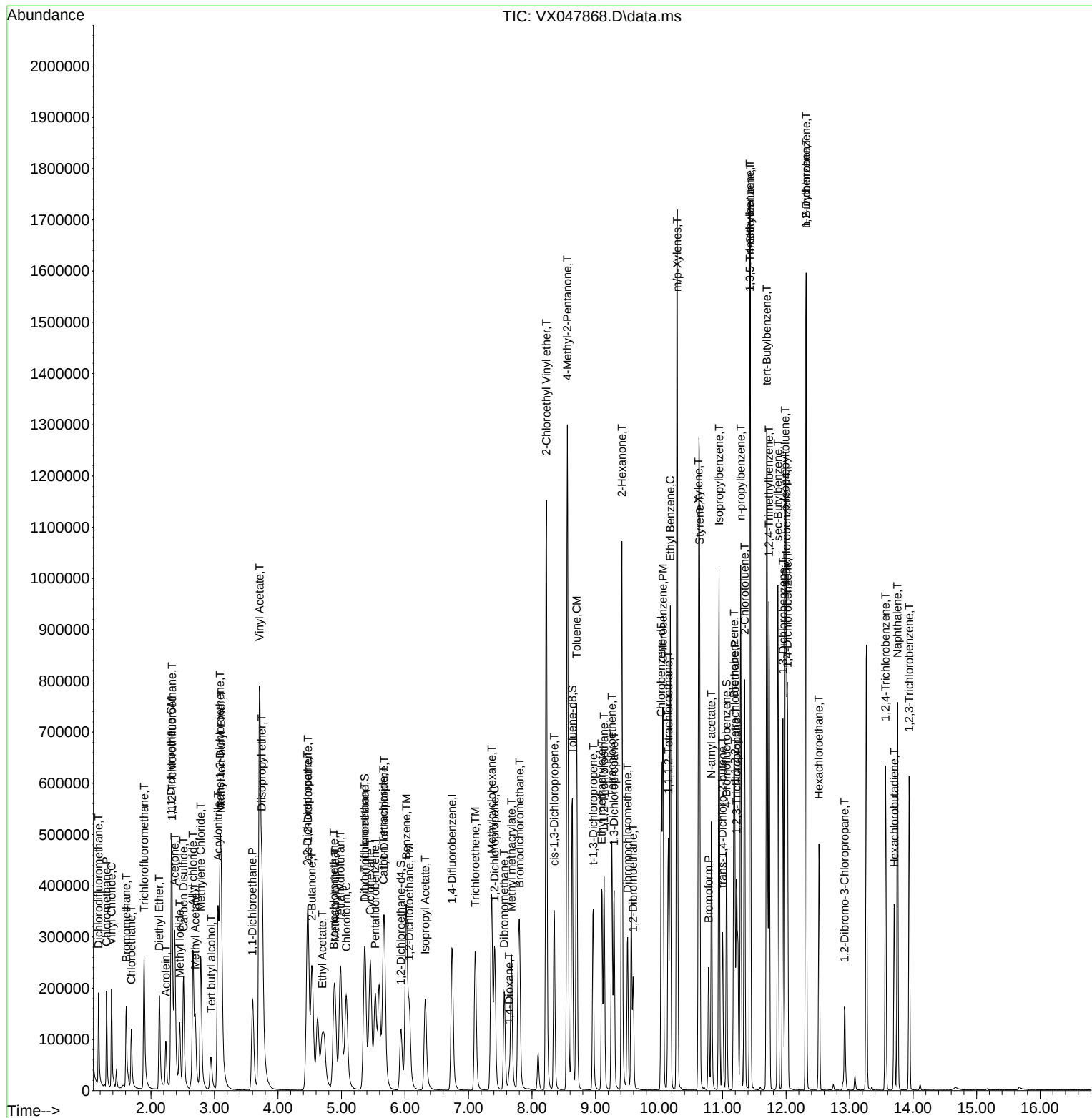
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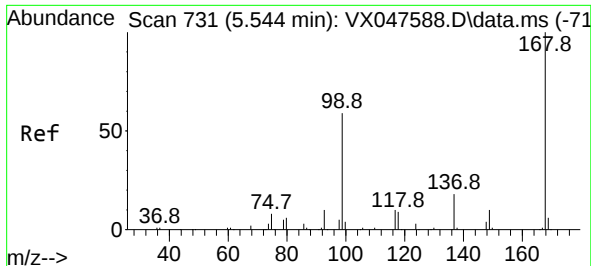
Instrument :
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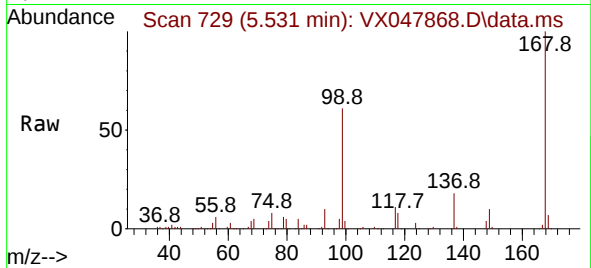
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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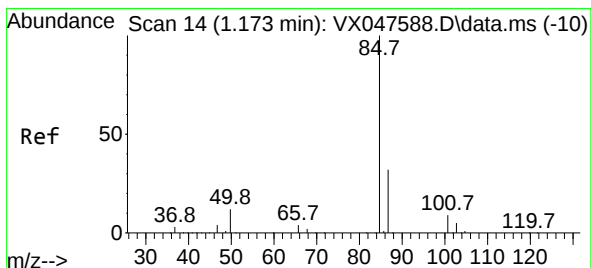
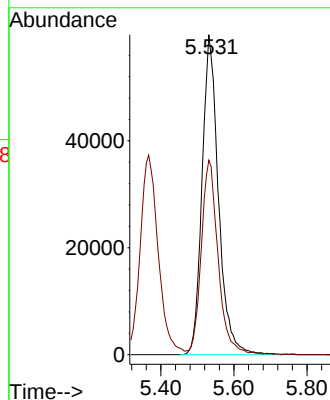
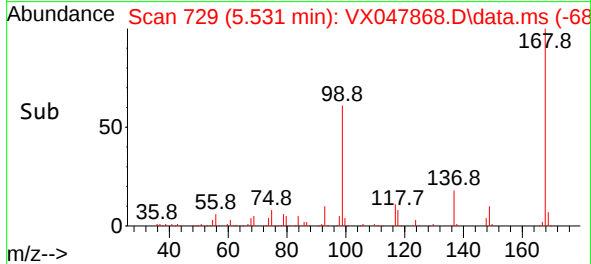
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 18589
Ion Ratio Lower Upper
168 100
99 60.6 48.8 73.2

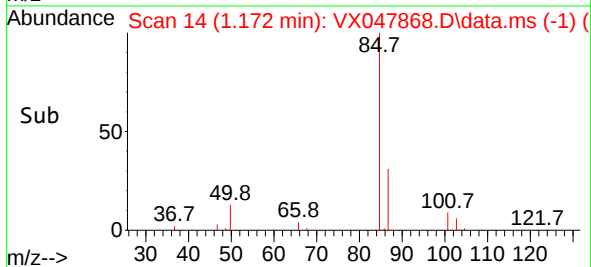
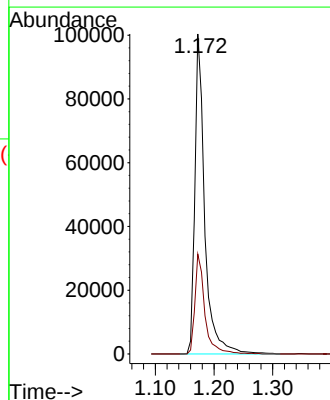
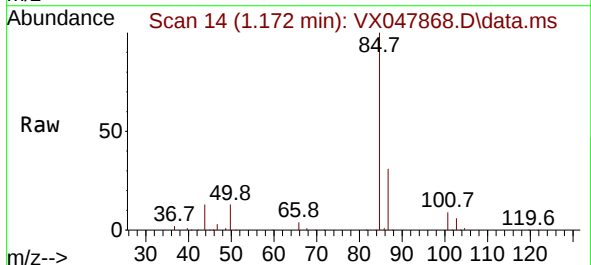
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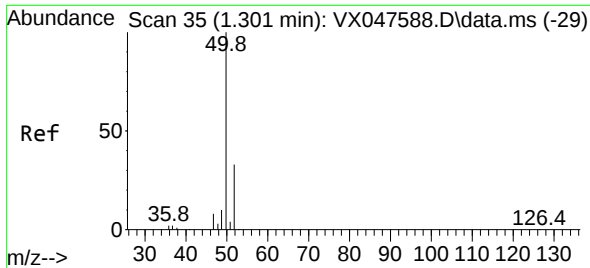
Reviewed By :John Carlone 09/30/2025
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#2
Dichlorodifluoromethane
Concen: 60.629 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
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Acq: 29 Sep 2025 08:59

Tgt Ion: 85 Resp: 116708
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.3





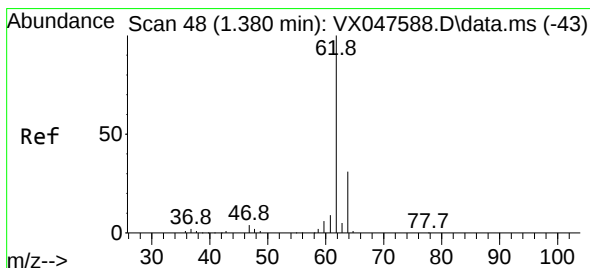
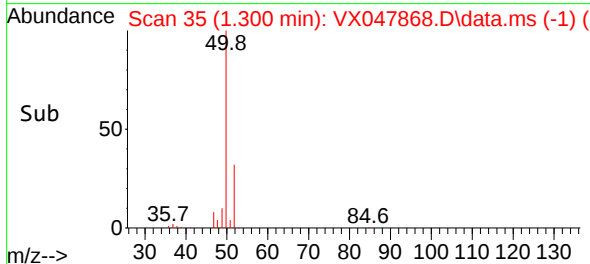
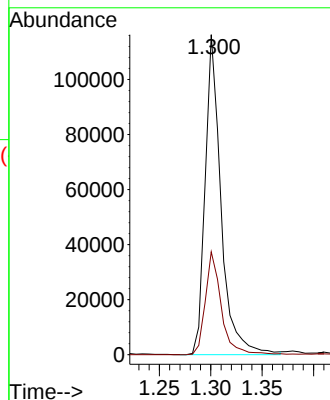
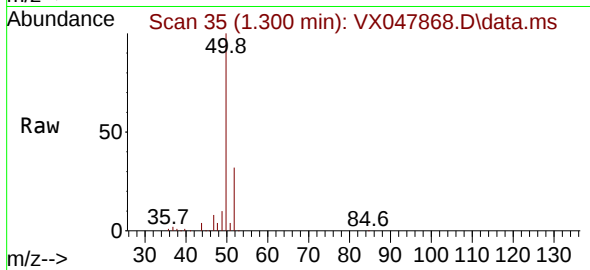
#3
Chloromethane
Concen: 49.585 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 12544
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1

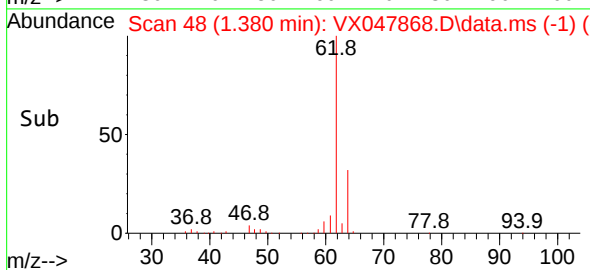
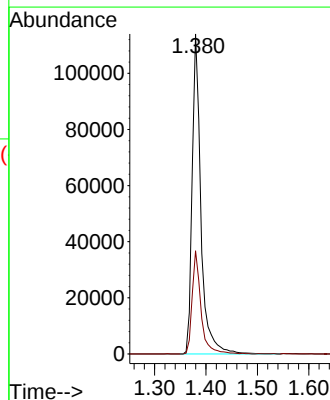
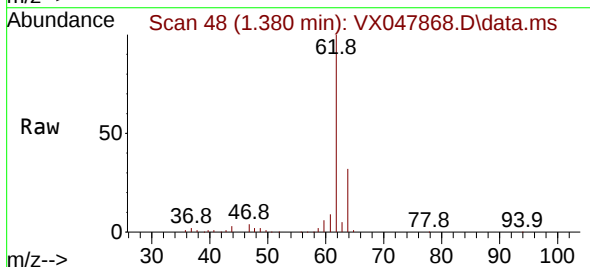
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#4
Vinyl Chloride
Concen: 54.766 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

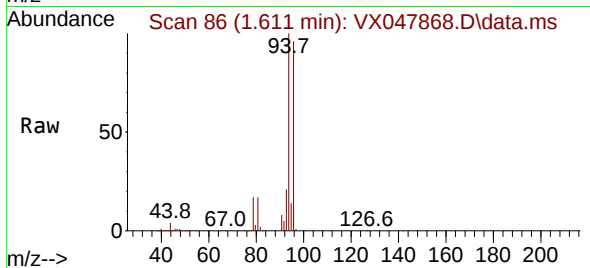
Tgt Ion: 62 Resp: 135629
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3





#5
Bromomethane
Concen: 55.030 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

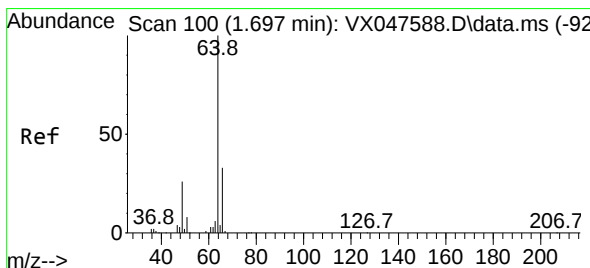
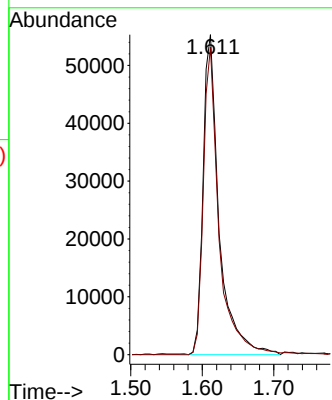
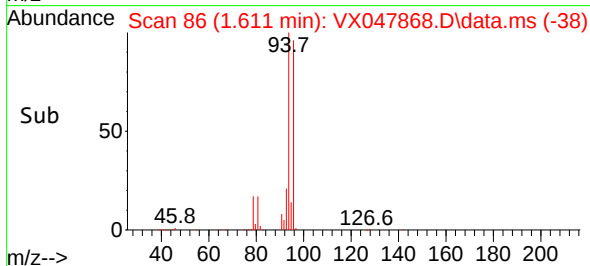
Instrument :
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Tgt Ion: 94 Resp: 86419
Ion Ratio Lower Upper
94 100
96 96.1 76.6 115.0

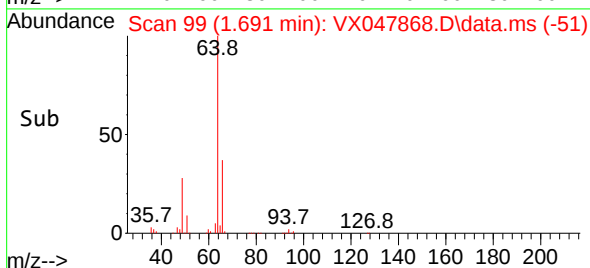
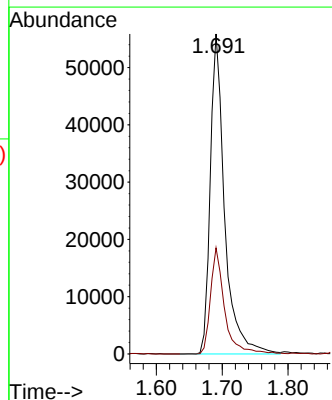
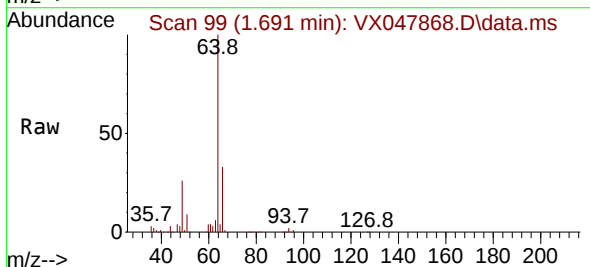
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#6
Chloroethane
Concen: 51.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

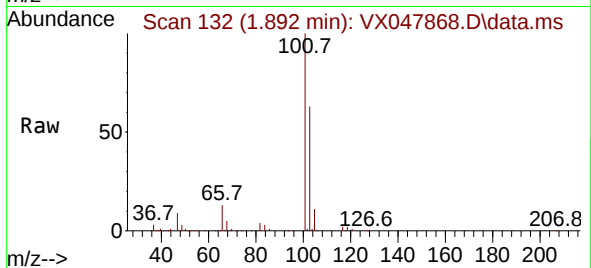
Tgt Ion: 64 Resp: 84945
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 54.179 ug/l
RT: 1.892 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX047868.D
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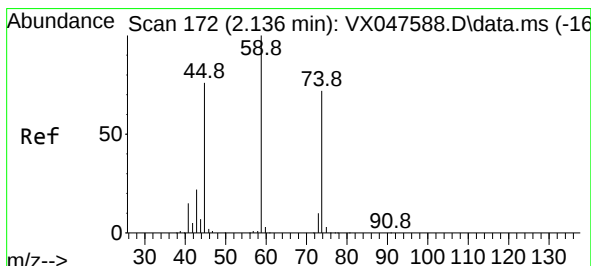
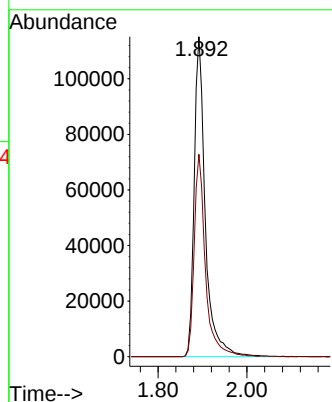
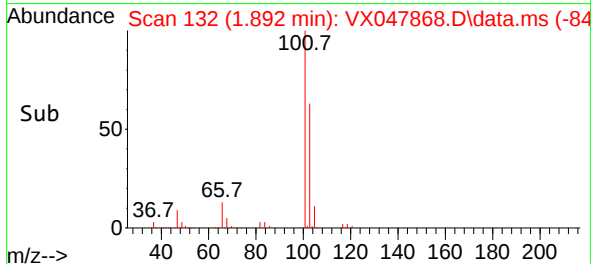
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 19922
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

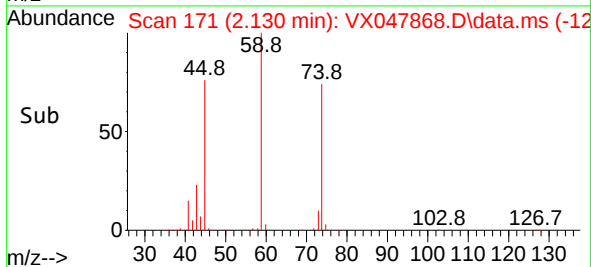
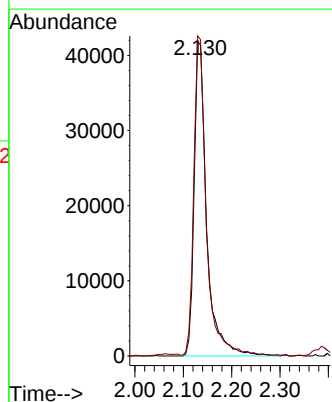
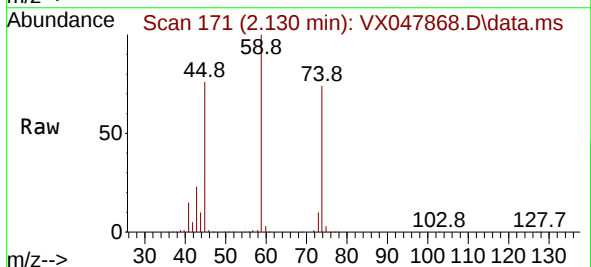
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#8
Diethyl Ether
Concen: 49.855 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047868.D
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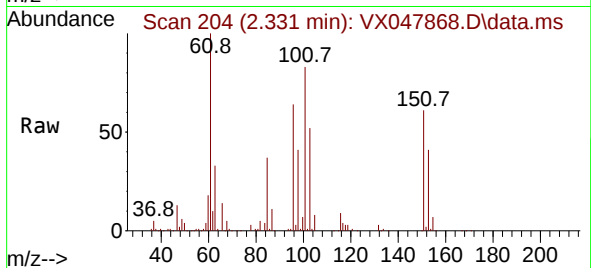
Tgt Ion: 74 Resp: 74991
Ion Ratio Lower Upper
74 100
45 101.6 52.3 156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.668 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

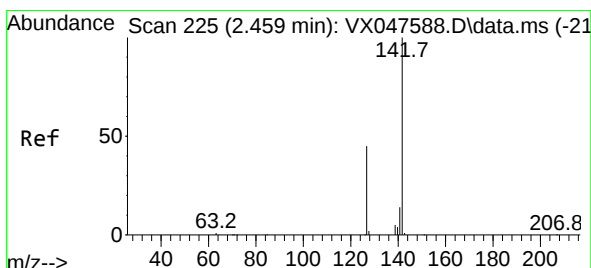
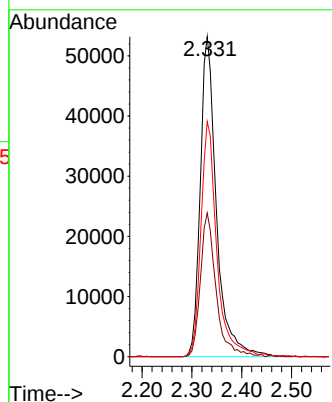
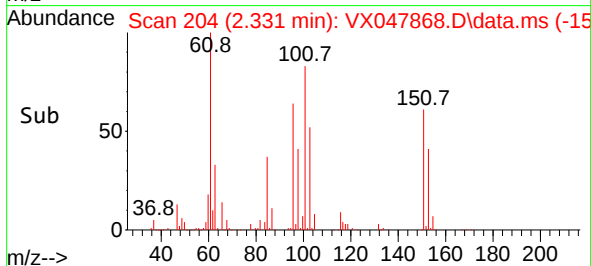
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11969
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 72.8 59.4 89.0

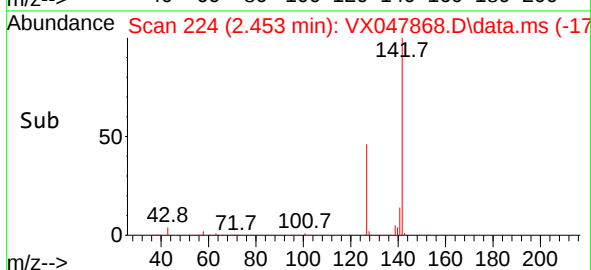
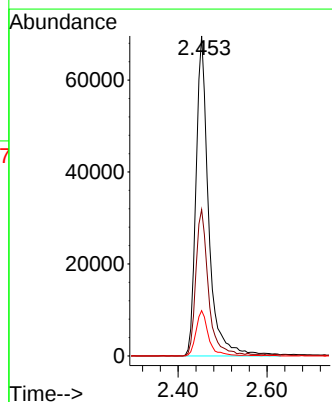
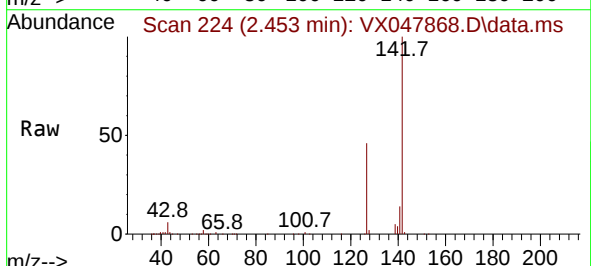
Manual Integrations
APPROVED

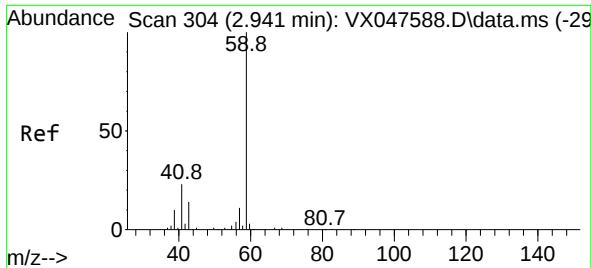
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 41.036 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion:142 Resp: 137605
Ion Ratio Lower Upper
142 100
127 45.6 37.2 55.8
141 13.9 11.4 17.0





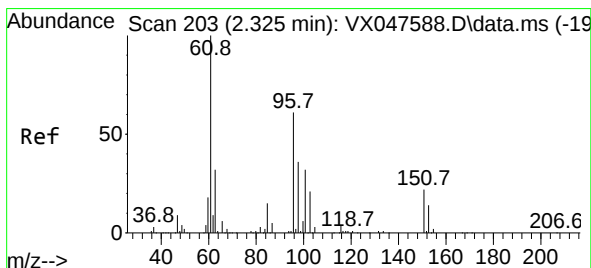
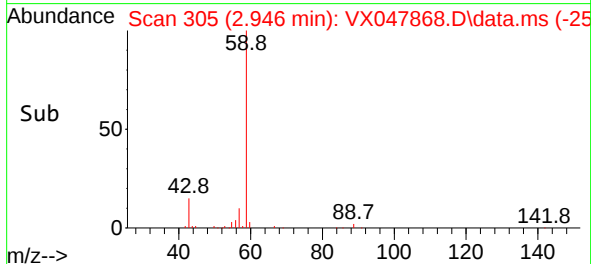
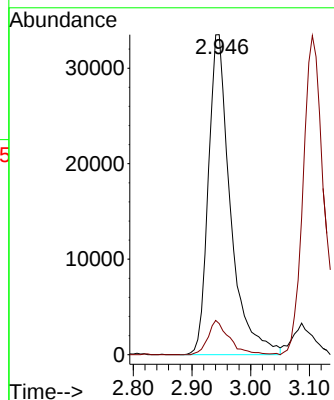
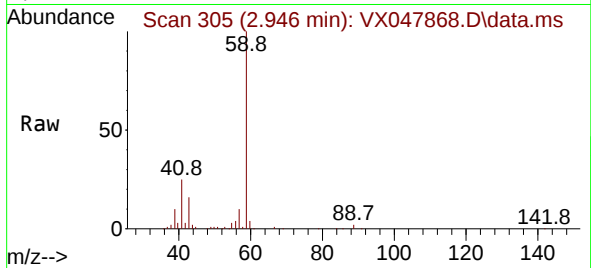
#11
Tert butyl alcohol
Concen: 265.618 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 87534
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

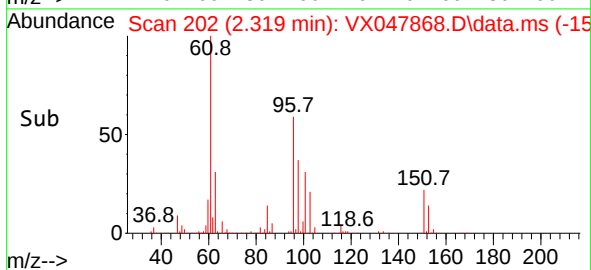
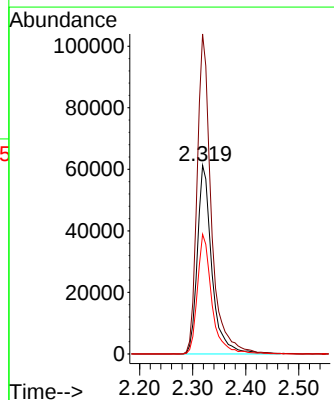
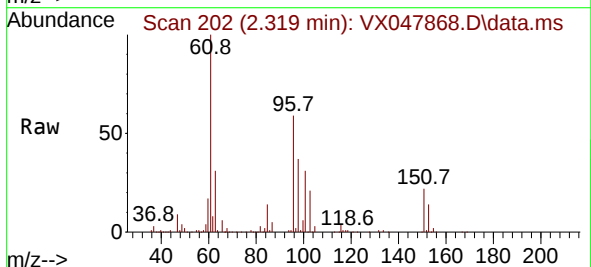
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#12
1,1-Dichloroethene
Concen: 52.744 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 96 Resp: 116491
Ion Ratio Lower Upper
96 100
61 169.7 131.0 196.6
98 63.4 47.7 71.5





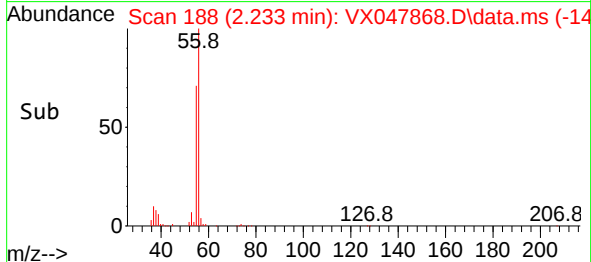
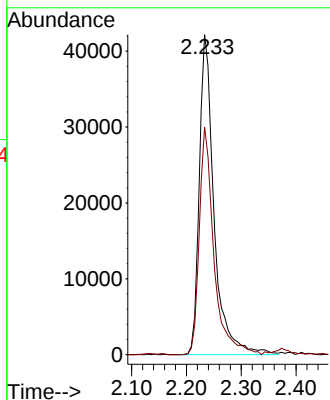
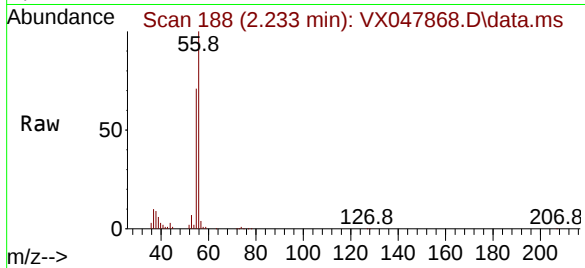
#13
Acrolein
Concen: 260.231 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 79028
Ion Ratio Lower Upper
56 100
55 70.2 57.2 85.8

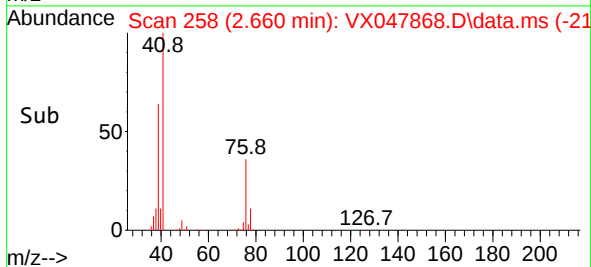
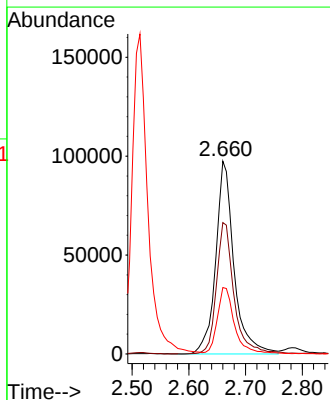
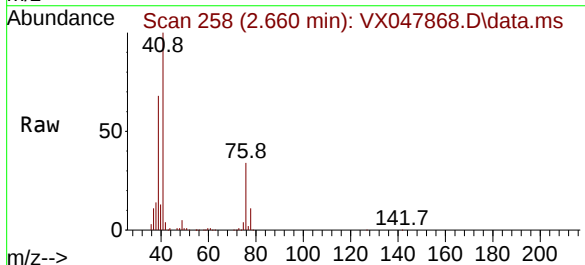
Manual Integrations
APPROVED

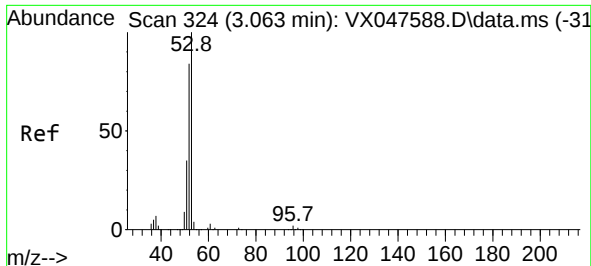
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 48.043 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

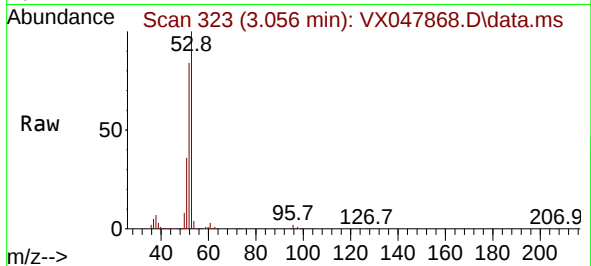
Tgt Ion: 41 Resp: 218958
Ion Ratio Lower Upper
41 100
39 65.5 54.7 82.1
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 277.492 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

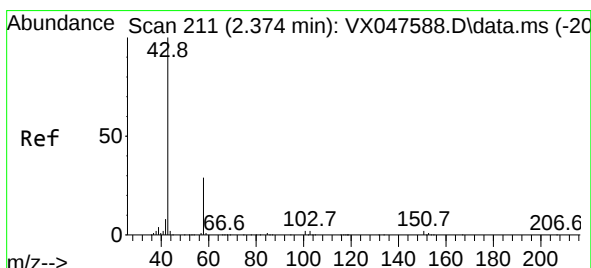
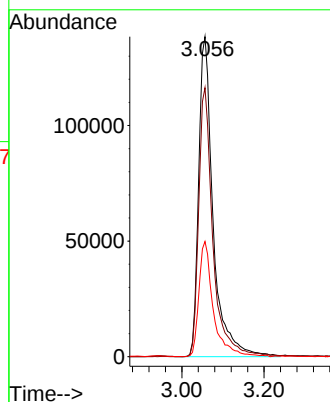
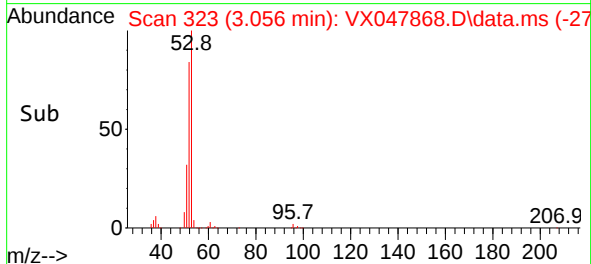
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 338725
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 36.0 29.5 44.3

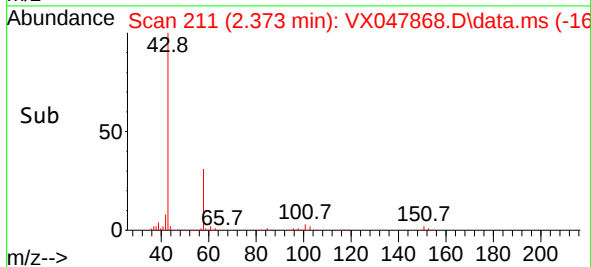
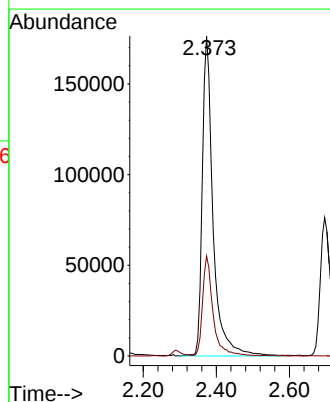
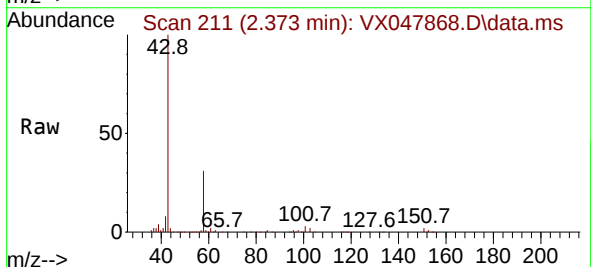
Manual Integrations
APPROVED

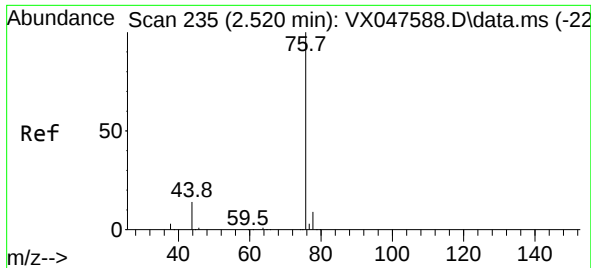
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 280.697 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 43 Resp: 361134
Ion Ratio Lower Upper
43 100
58 31.3 23.4 35.0





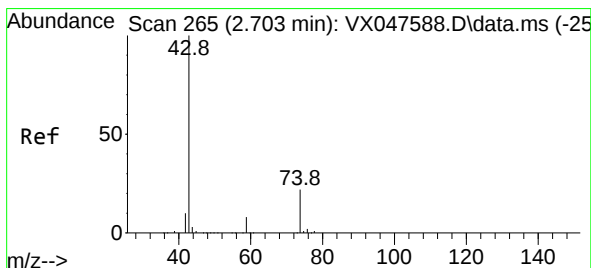
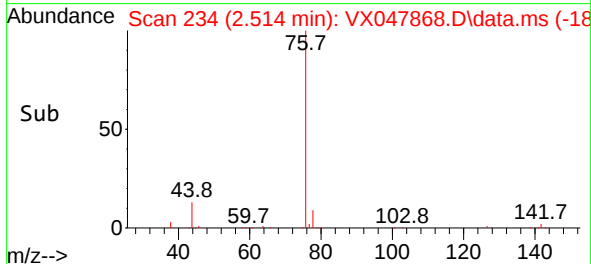
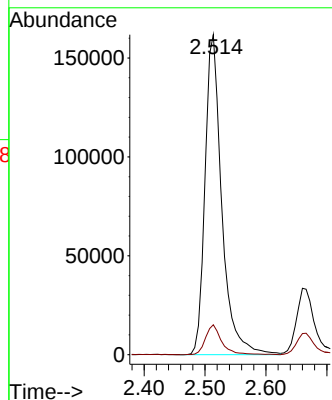
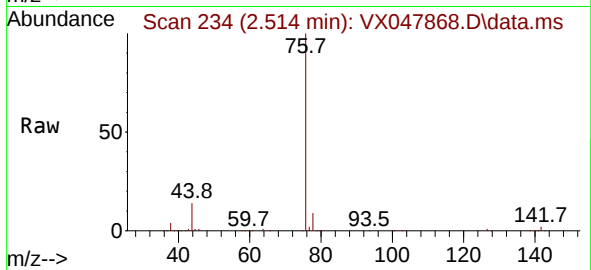
#17
Carbon Disulfide
Concen: 51.215 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 30966
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

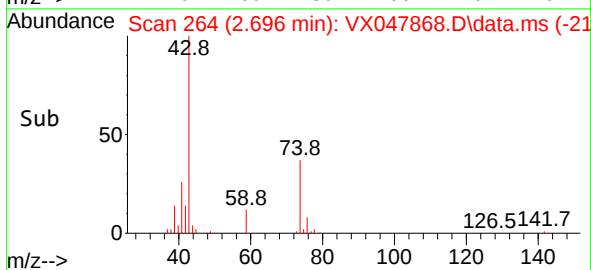
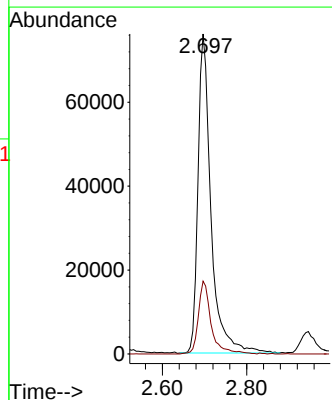
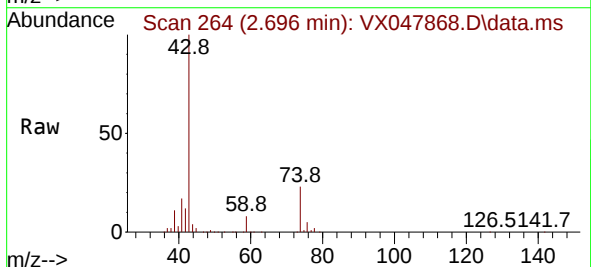
Manual Integrations
APPROVED

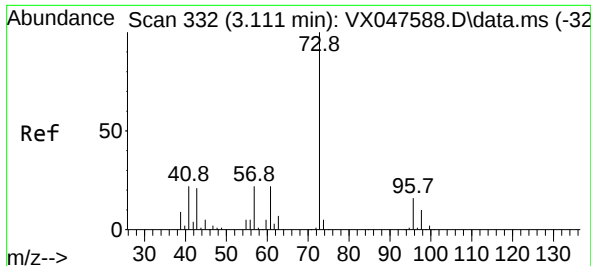
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 57.086 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

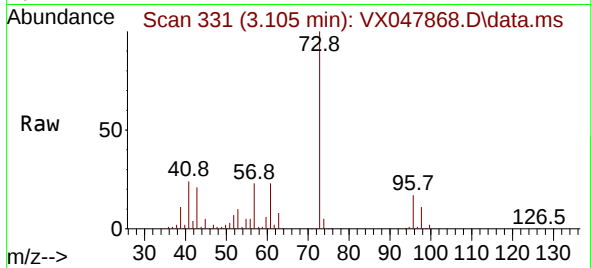
Tgt Ion: 43 Resp: 163451
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 48.669 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

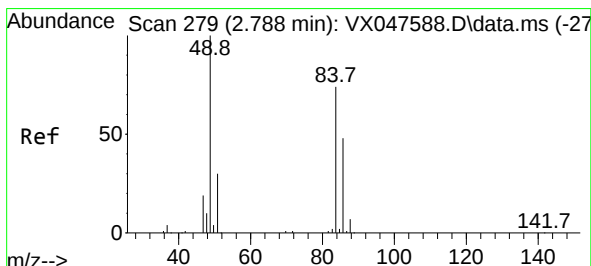
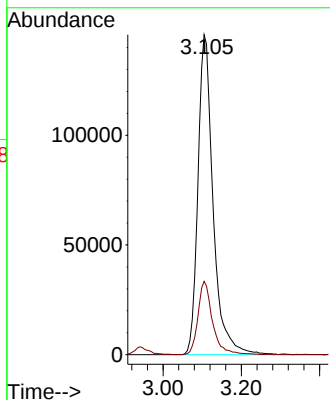
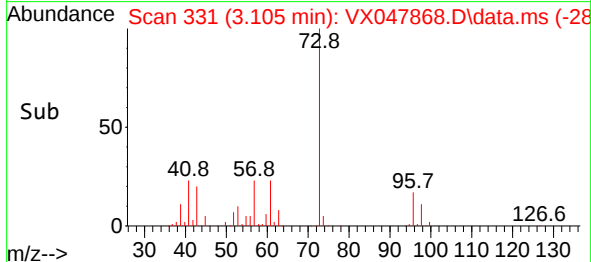
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 392389
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

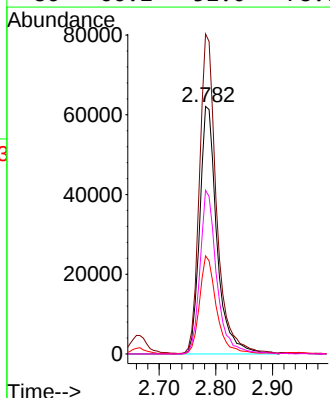
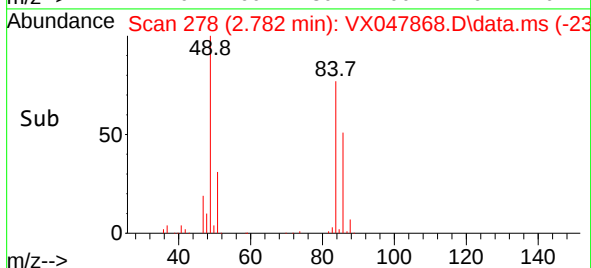
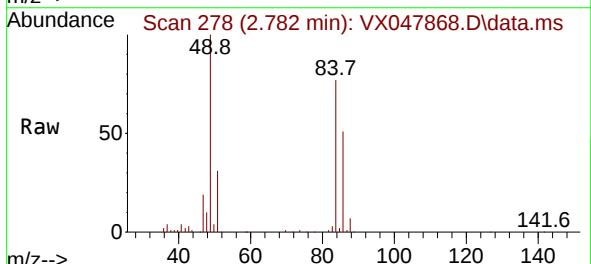
Manual Integrations
APPROVED

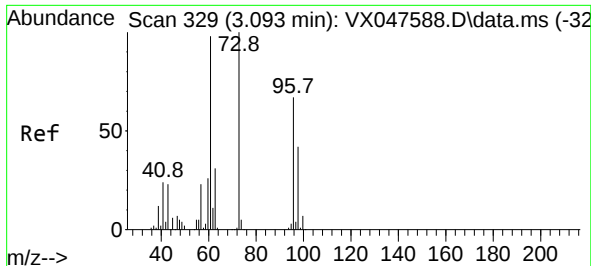
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 48.208 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

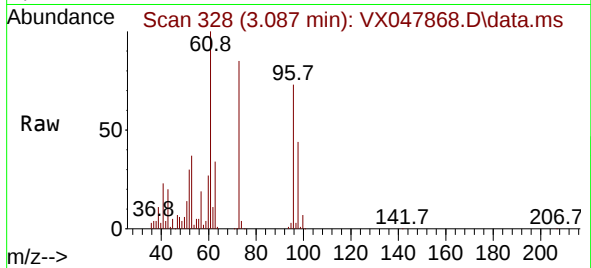
Tgt Ion: 84 Resp: 131286
Ion Ratio Lower Upper
84 100
49 129.1 108.6 162.8
51 39.5 32.6 48.8
86 66.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.238 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

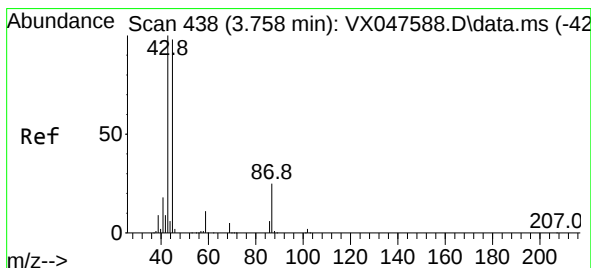
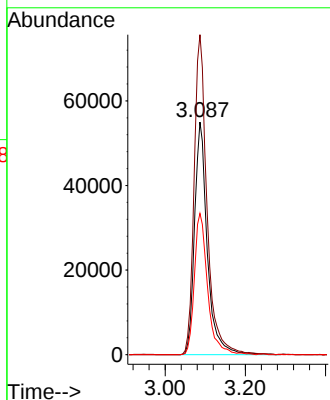
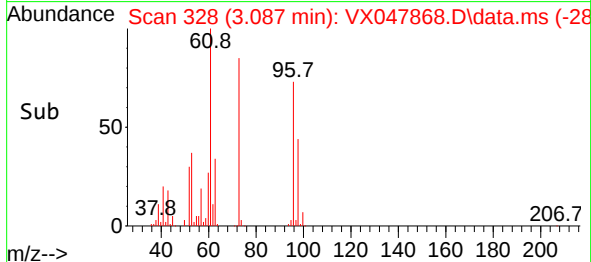
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 121835
Ion Ratio Lower Upper
96 100
61 137.5 116.2 174.2
98 60.7 49.3 73.9

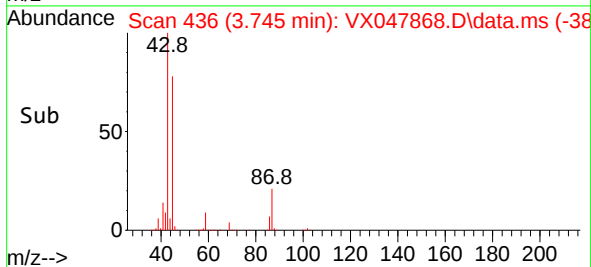
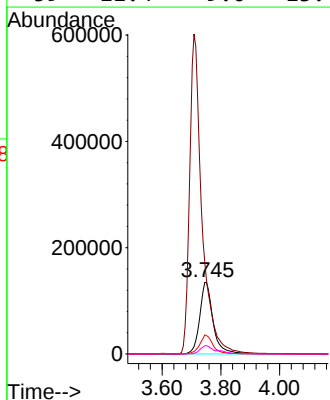
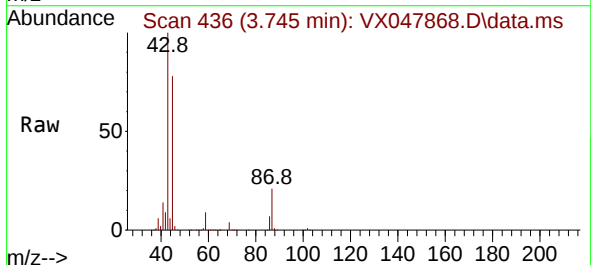
Manual Integrations
APPROVED

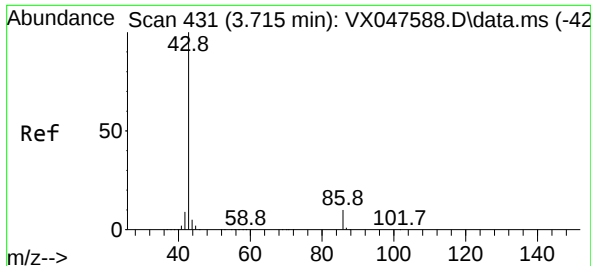
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 48.128 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

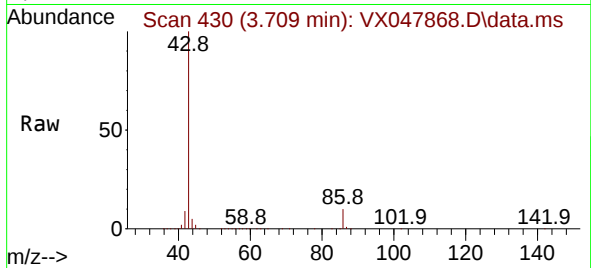
Tgt Ion: 45 Resp: 425099
Ion Ratio Lower Upper
45 100
43 128.4 81.0 121.4#
87 26.7 20.3 30.5
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 249.599 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047868.D
 Acq: 29 Sep 2025 08:59

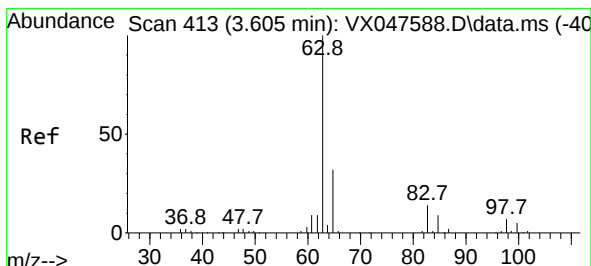
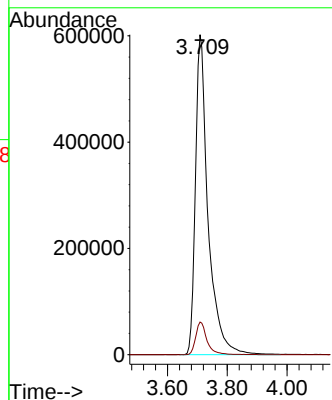
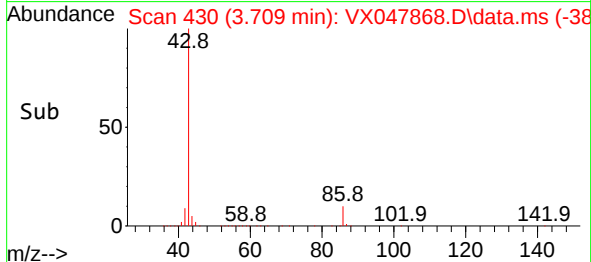
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 1764450
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

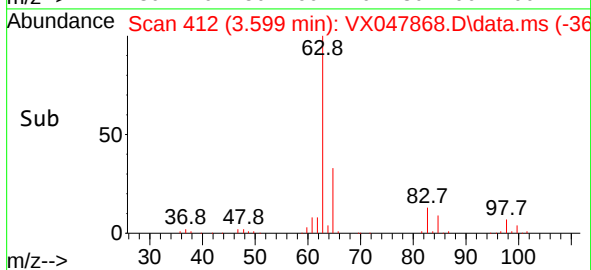
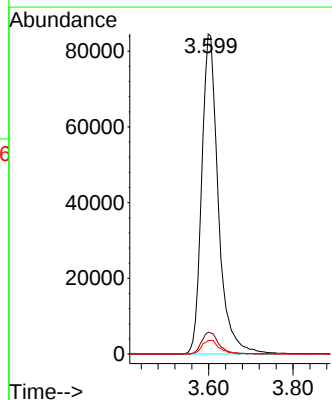
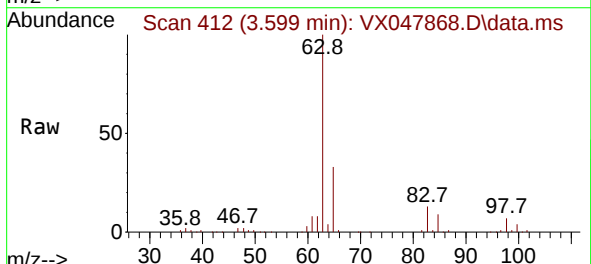
Manual Integrations
 APPROVED

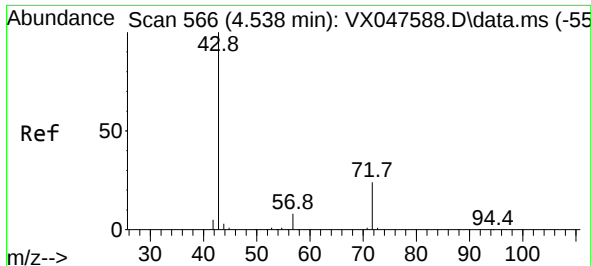
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#24
 1,1-Dichloroethane
 Concen: 49.280 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047868.D
 Acq: 29 Sep 2025 08:59

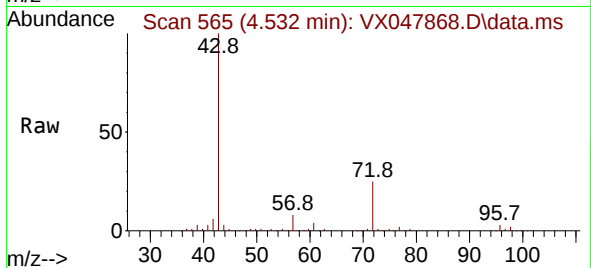
Tgt Ion: 63 Resp: 231350
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 279.567 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

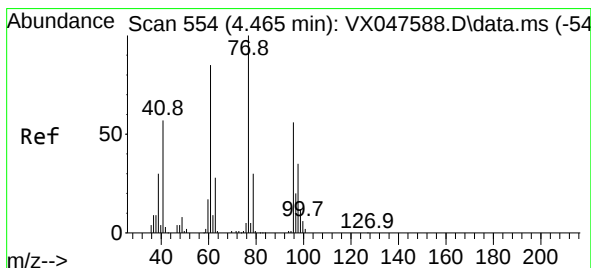
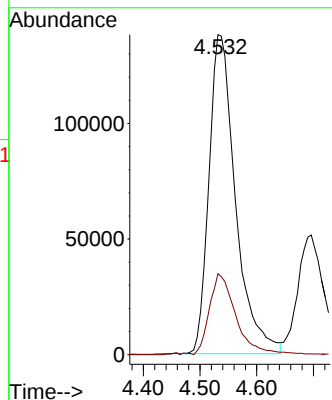
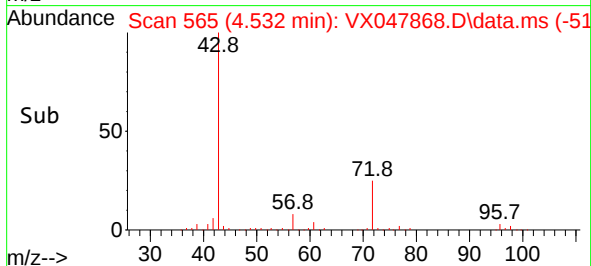
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 44865
Ion Ratio Lower Upper
43 100
72 25.4 20.1 30.1

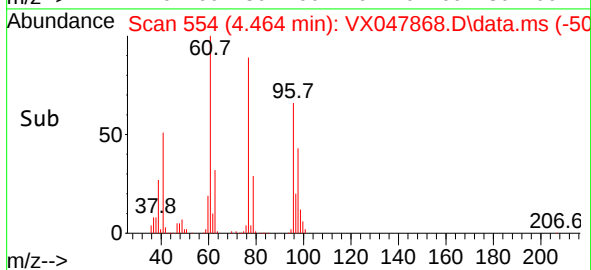
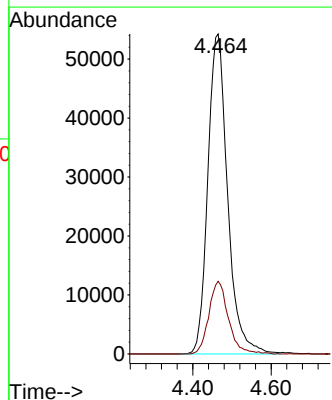
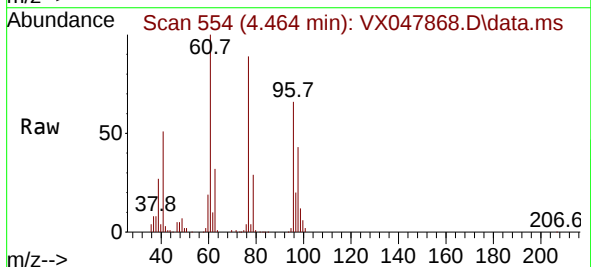
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 48.604 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 77 Resp: 189672
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 48.794 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 142090

Ion Ratio Lower Upper

96 100

61 147.6 0.0 303.2

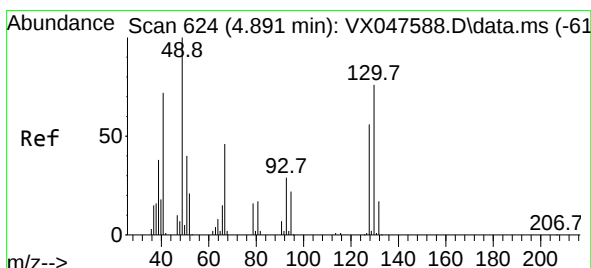
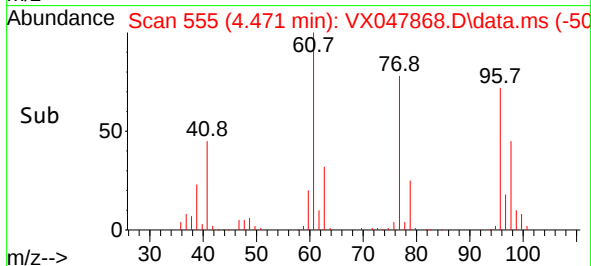
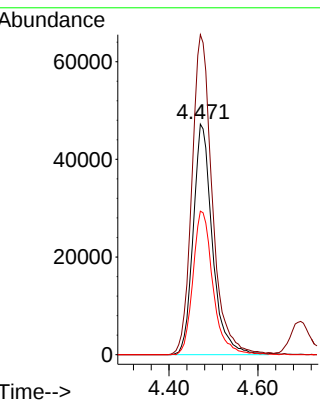
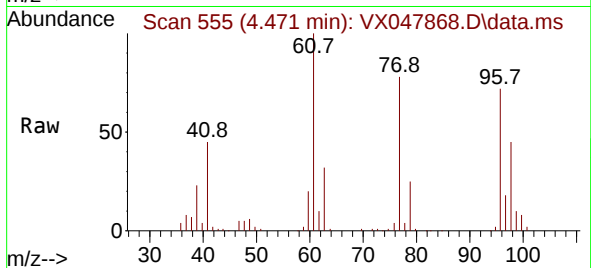
98 64.6 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#28

Bromochloromethane

Concen: 45.720 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

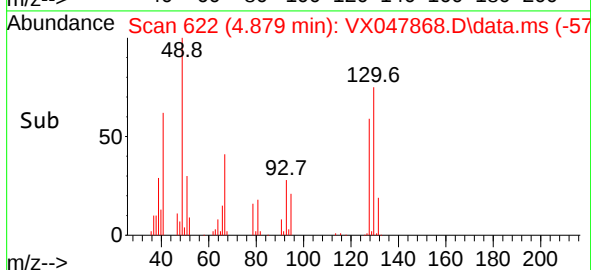
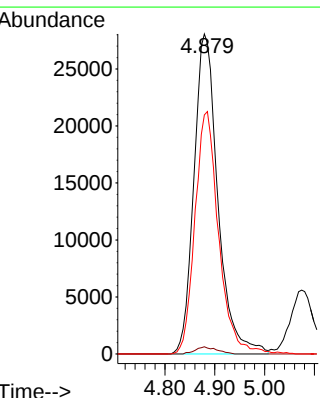
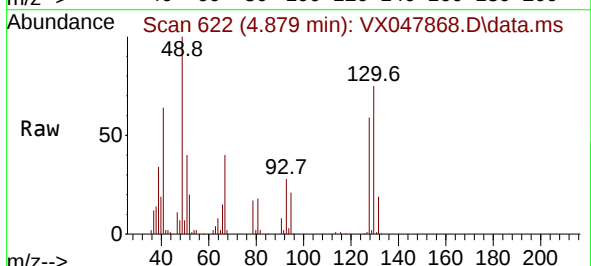
Tgt Ion: 49 Resp: 93704

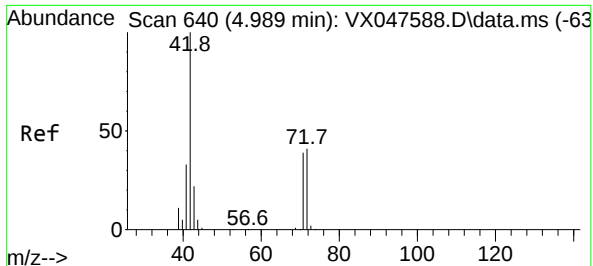
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.2

130 74.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 274.385 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 264898

Ion Ratio Lower Upper

42 100

72 43.1 34.2 51.2

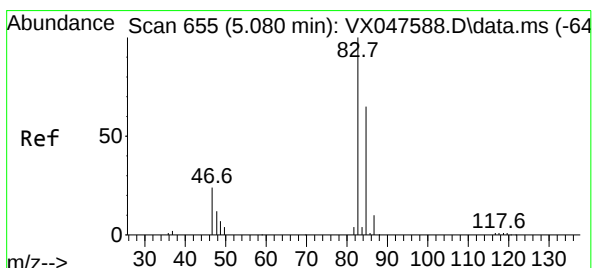
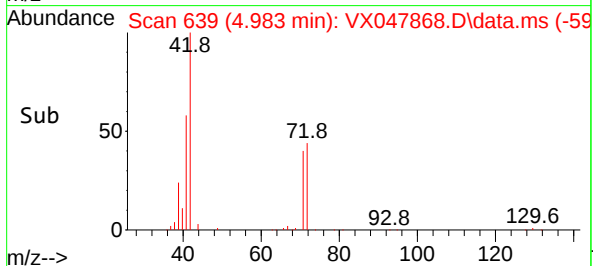
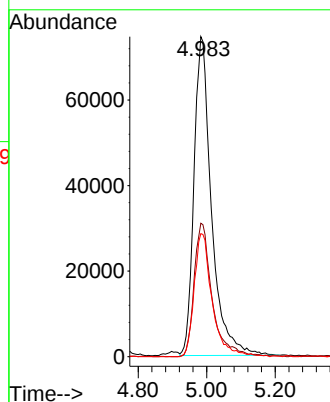
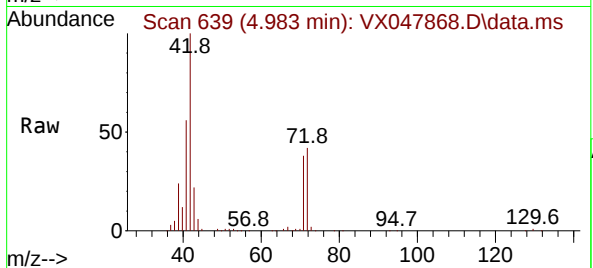
71 39.5 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 48.711 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047868.D

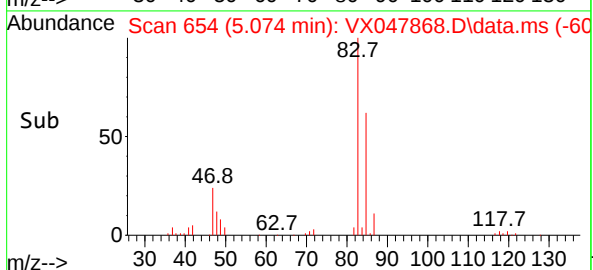
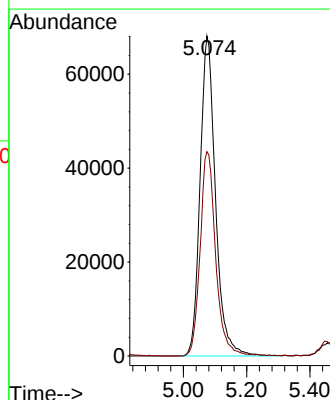
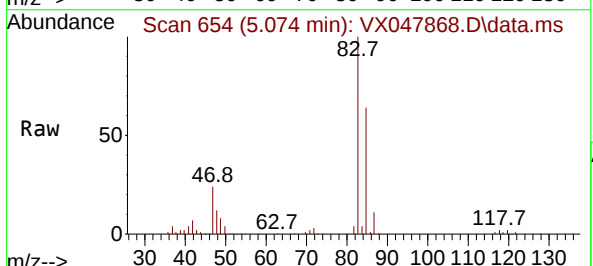
Acq: 29 Sep 2025 08:59

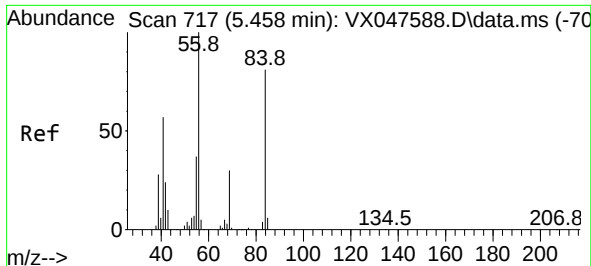
Tgt Ion: 83 Resp: 231088

Ion Ratio Lower Upper

83 100

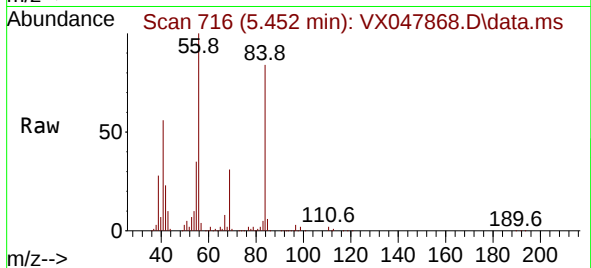
85 63.9 51.8 77.6





#31
Cyclohexane
Concen: 47.235 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

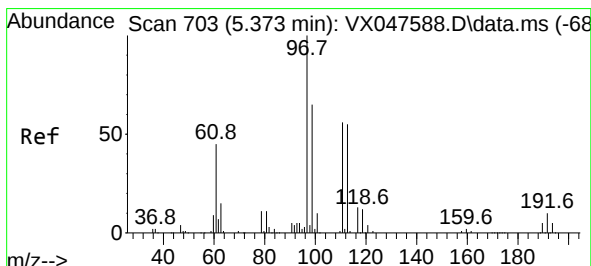
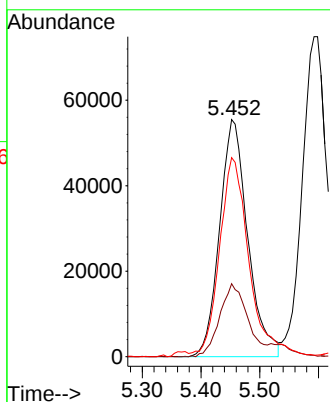
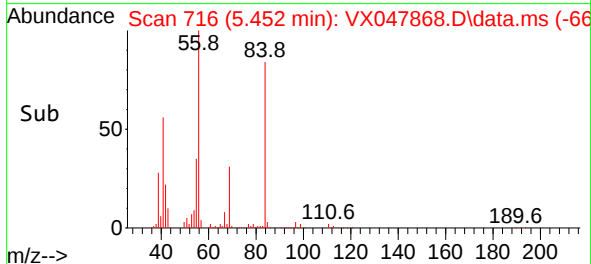
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 184690
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.8
84 81.8 64.6 97.0

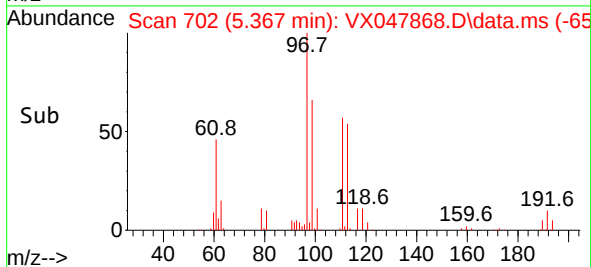
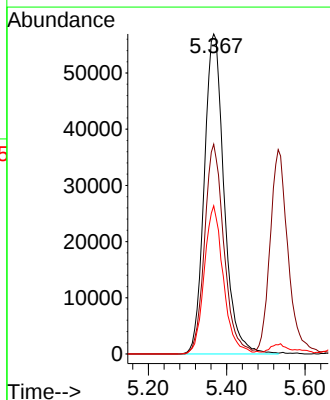
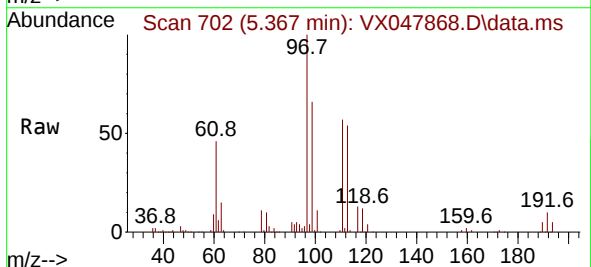
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 49.790 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

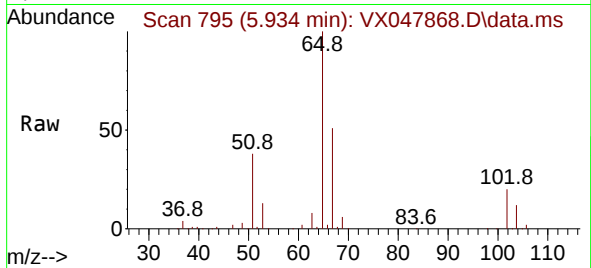
Tgt Ion: 97 Resp: 200353
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 44.6 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 43.924 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

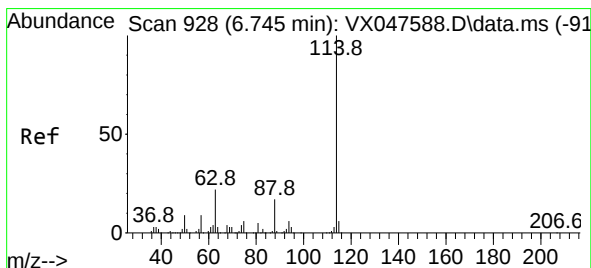
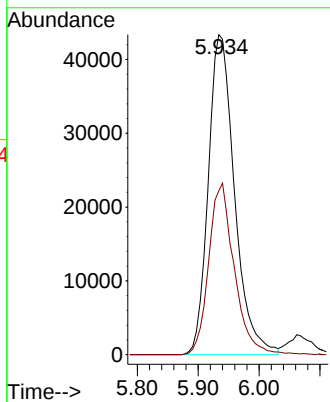
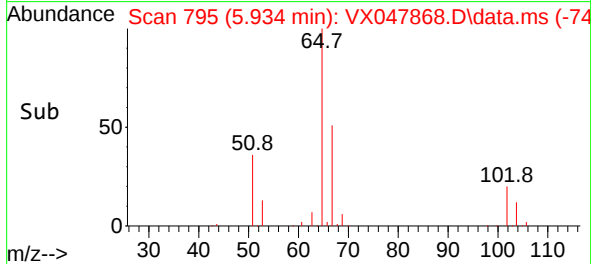
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



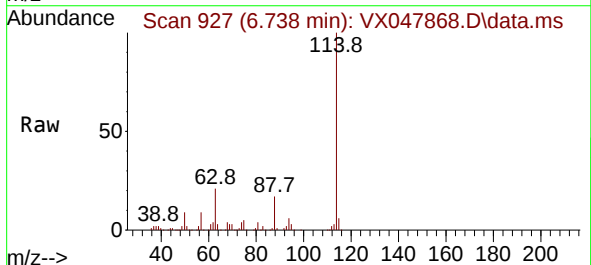
Tgt Ion: 65 Resp: 129970
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0

Manual Integrations
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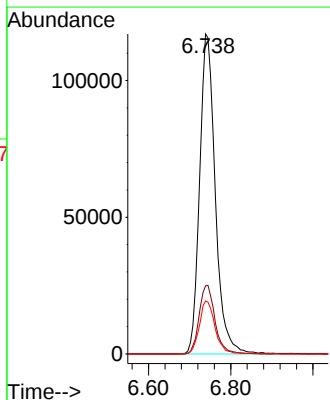
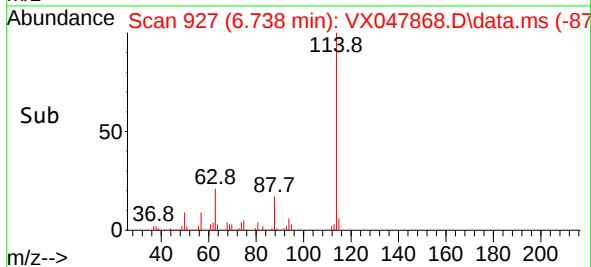
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

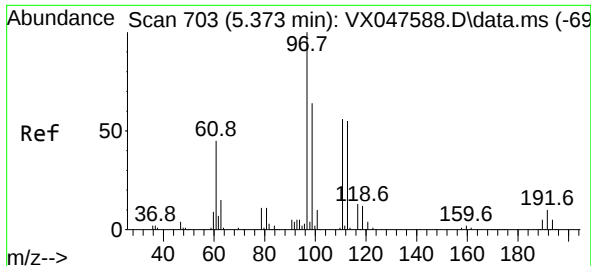


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



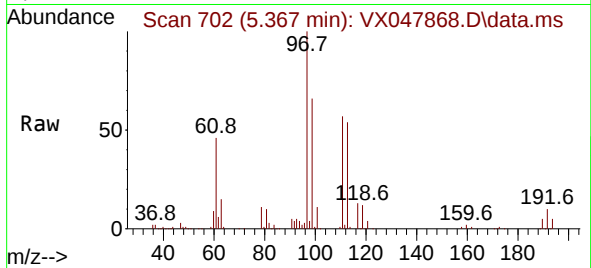
Tgt Ion:114 Resp: 309770
Ion Ratio Lower Upper
114 100
63 24.4 0.0 44.0
88 16.6 0.0 34.2





#35
Dibromofluoromethane
Concen: 49.019 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

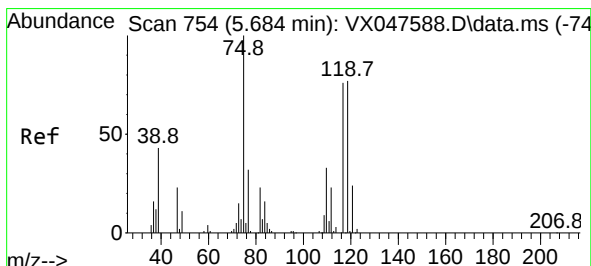
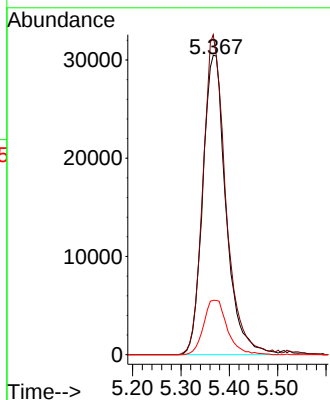
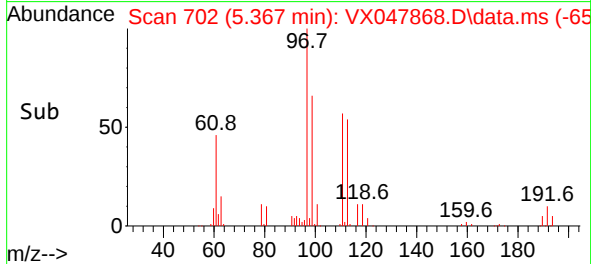
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 10183
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.5 14.2 21.4

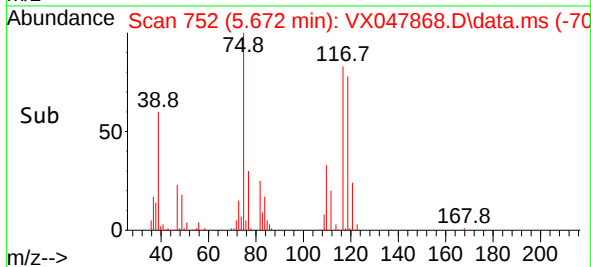
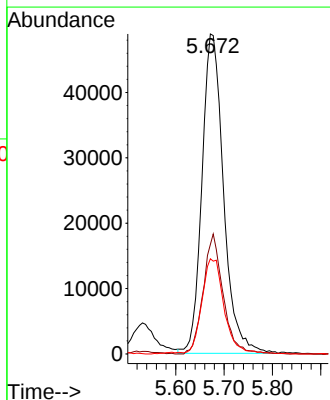
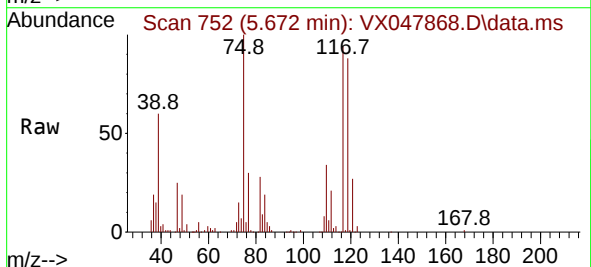
Manual Integrations
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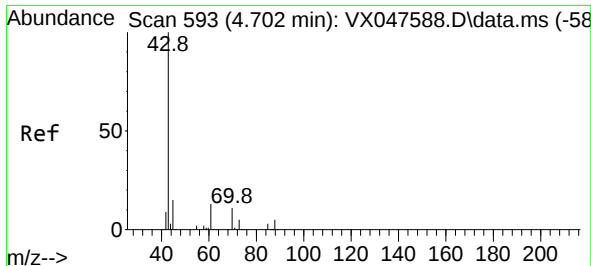
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#36
1,1-Dichloropropene
Concen: 49.930 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

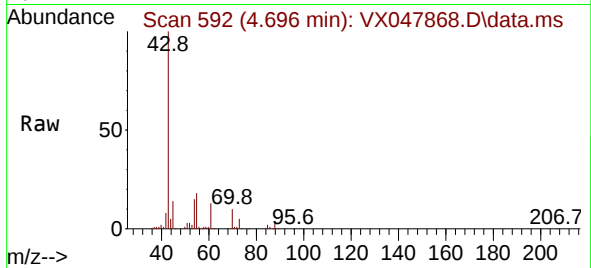
Tgt Ion: 75 Resp: 151572
Ion Ratio Lower Upper
75 100
110 34.7 16.7 50.1
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 53.454 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

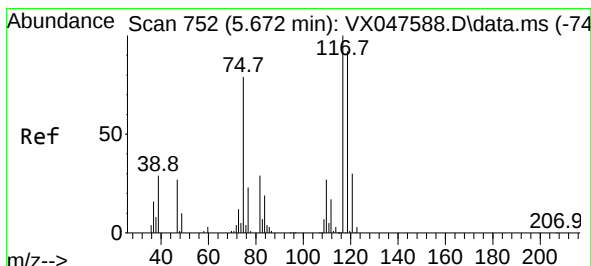
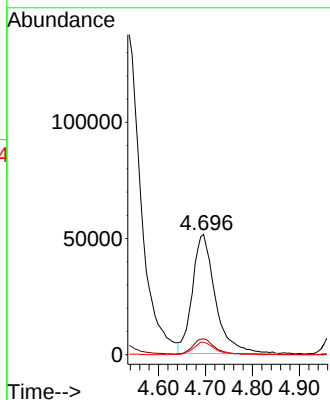
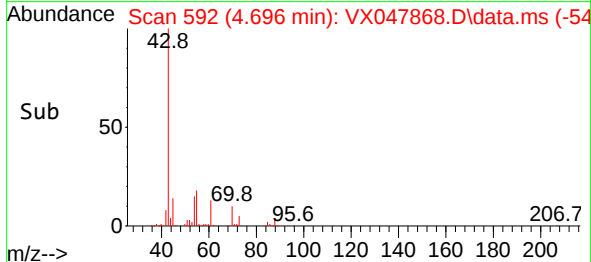
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 173749
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.8
70 10.2 7.9 11.9

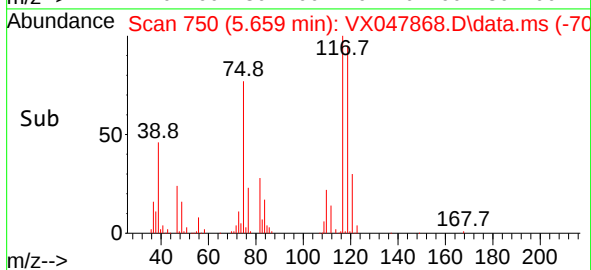
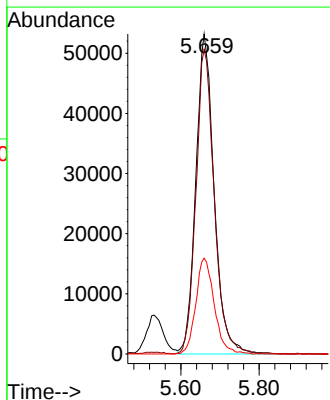
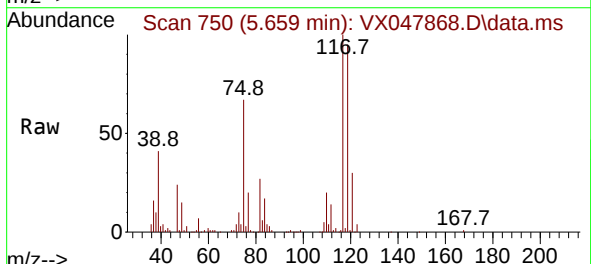
Manual Integrations
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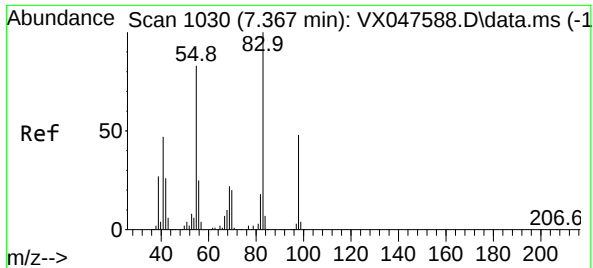
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#38
Carbon Tetrachloride
Concen: 52.552 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

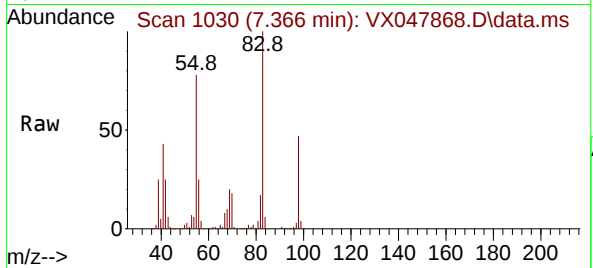
Tgt Ion:117 Resp: 173335
Ion Ratio Lower Upper
117 100
119 95.1 73.4 110.2
121 30.0 23.8 35.6





#39
Methylcyclohexane
Concen: 52.190 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

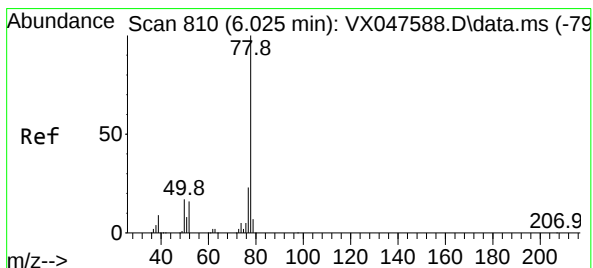
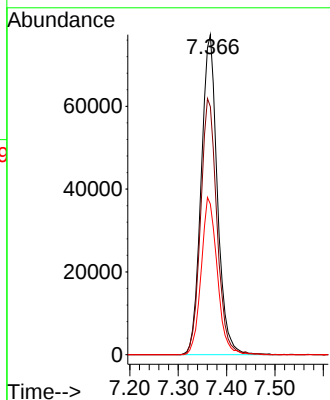
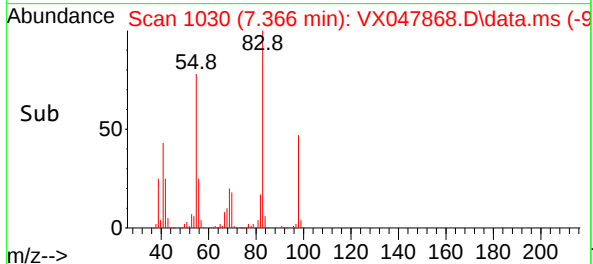
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 17984
Ion Ratio Lower Upper
83 100
55 77.5 66.4 99.6
98 47.0 38.1 57.1

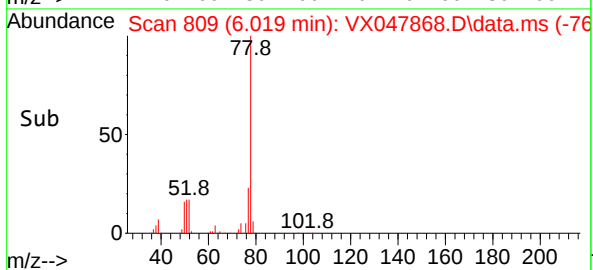
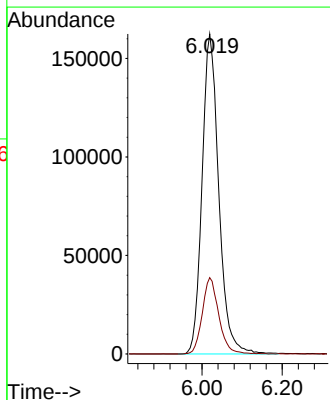
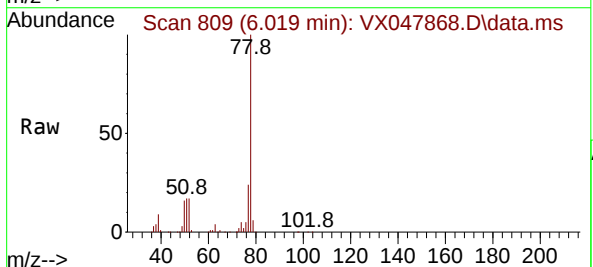
Manual Integrations
APPROVED

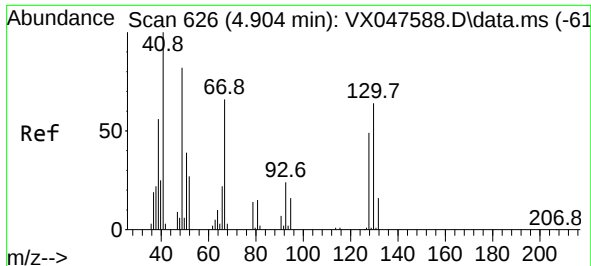
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#40
Benzene
Concen: 50.913 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 78 Resp: 469430
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





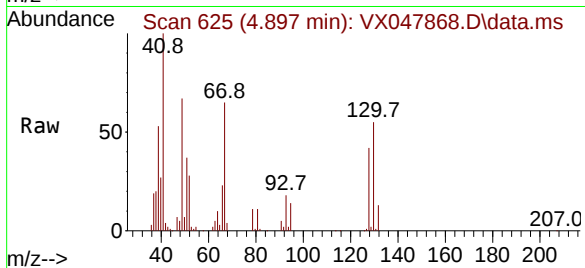
#41
Methacrylonitrile
Concen: 55.306 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



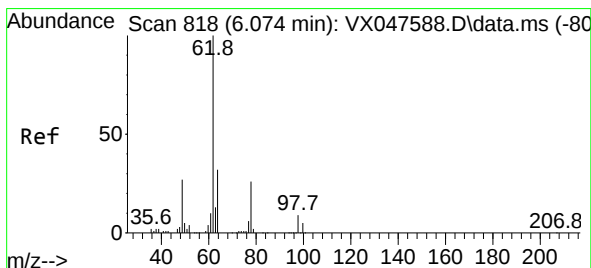
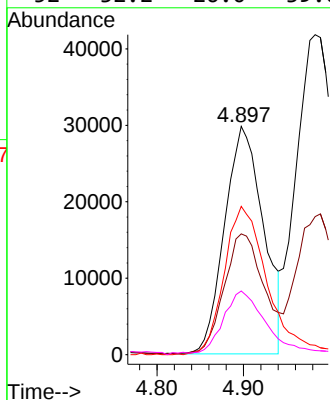
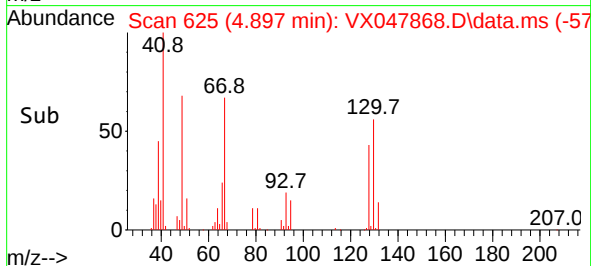
Tgt Ion: 41 Resp: 9280
Ion Ratio Lower Upper
41 100
39 55.9 43.3 64.9
67 73.6 58.6 87.8
52 32.2 26.0 39.0

Manual Integrations

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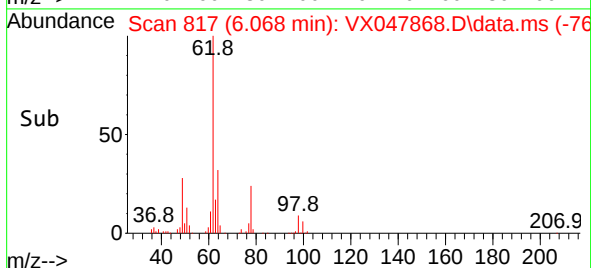
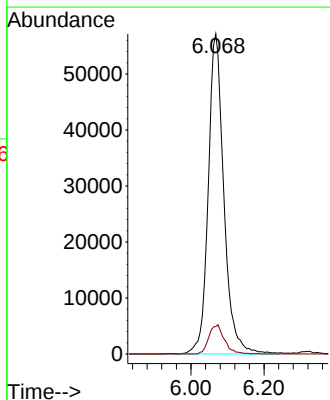
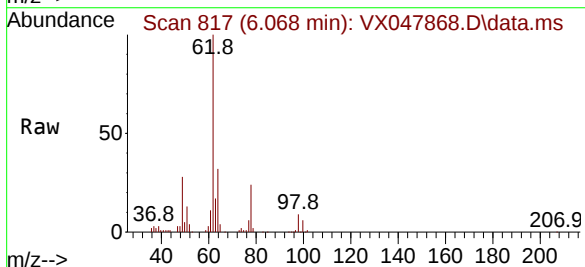
Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 48.208 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

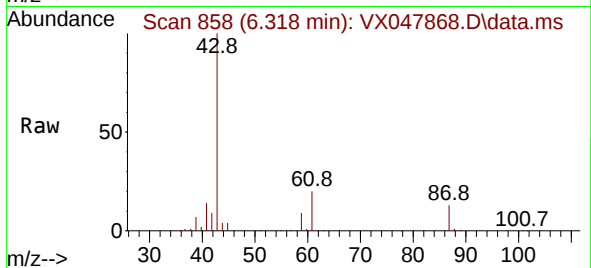
Tgt Ion: 62 Resp: 169122
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





#43
Isopropyl Acetate
Concen: 51.772 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

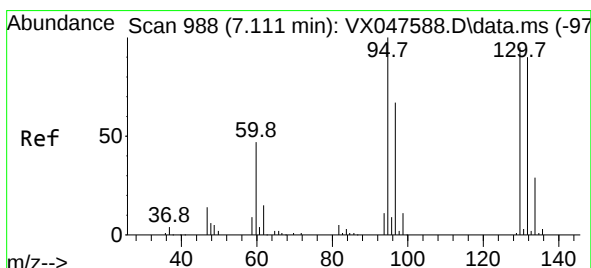
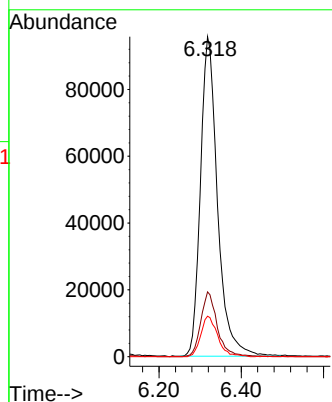
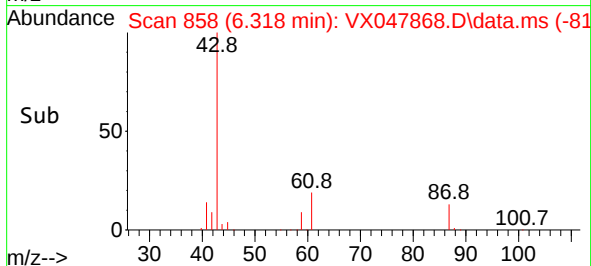
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 27598
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.5 9.6 14.4

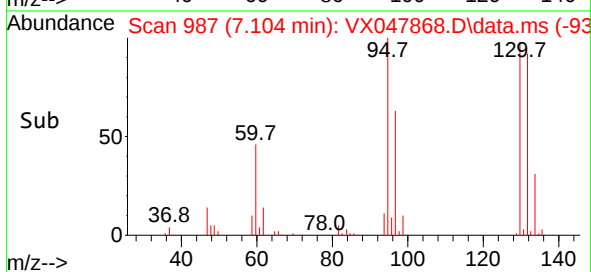
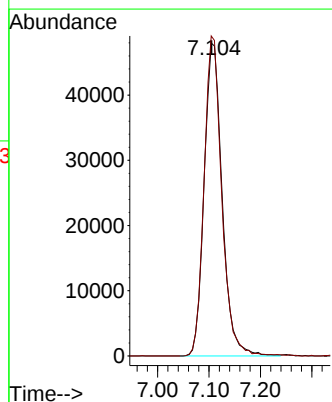
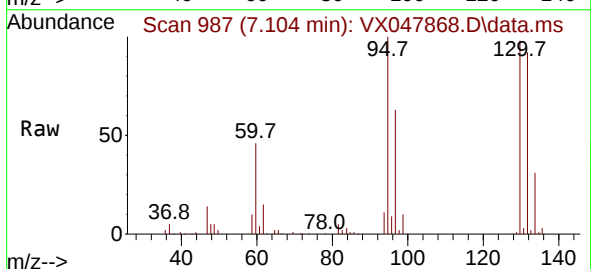
Manual Integrations
APPROVED

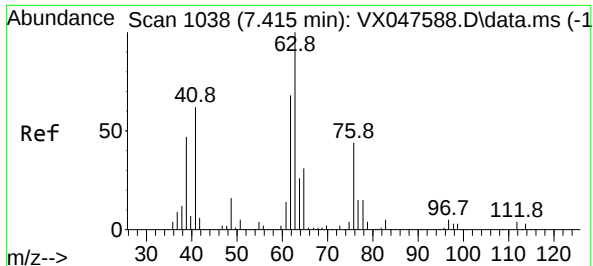
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 52.365 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion:130 Resp: 116728
Ion Ratio Lower Upper
130 100
95 102.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 51.610 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 121849

Ion Ratio Lower Upper

63 100

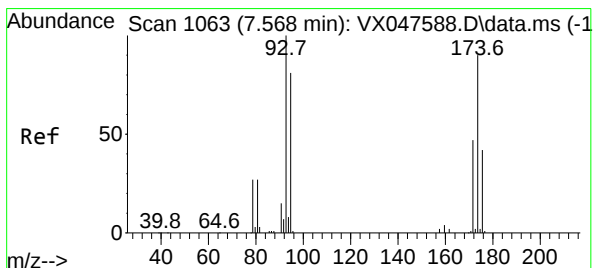
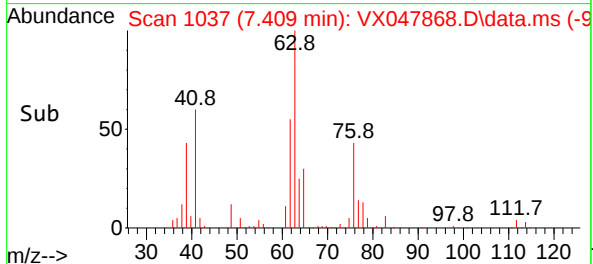
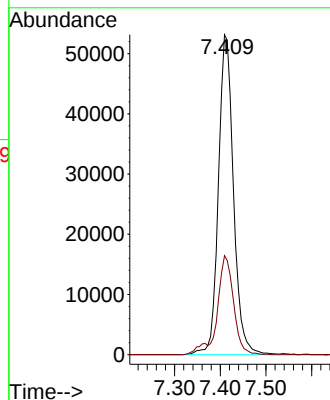
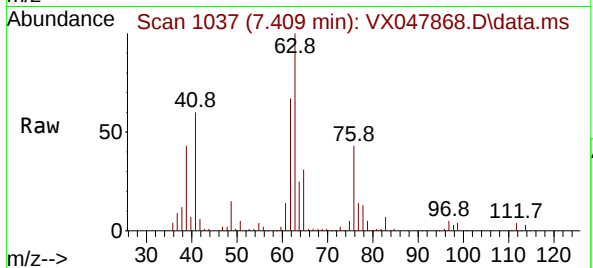
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 50.480 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

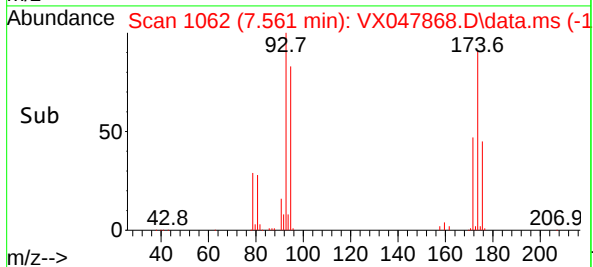
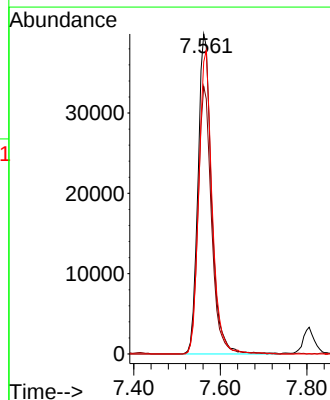
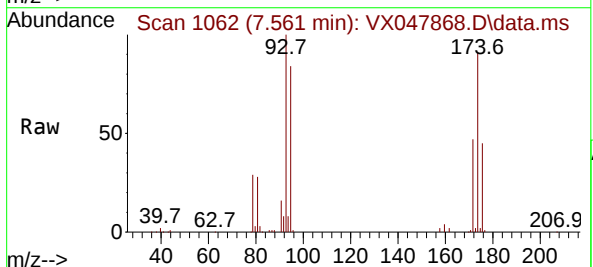
Tgt Ion: 93 Resp: 86727

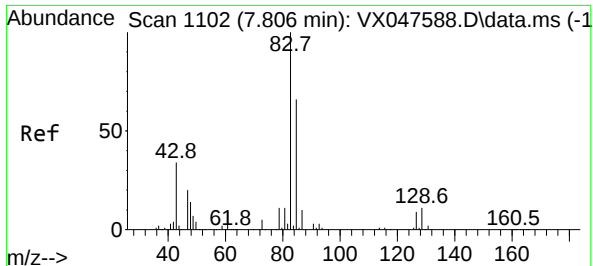
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

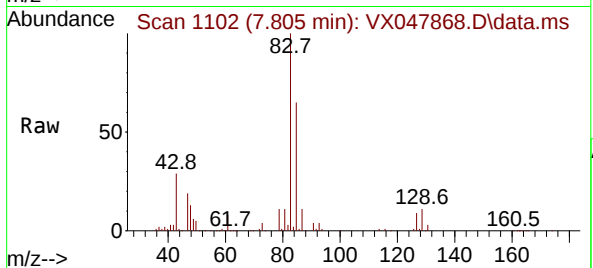
174 92.9 71.6 107.4





#47
Bromodichloromethane
Concen: 51.370 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

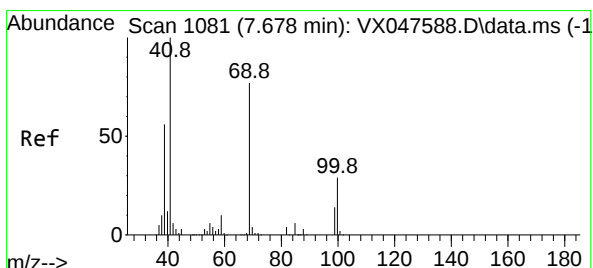
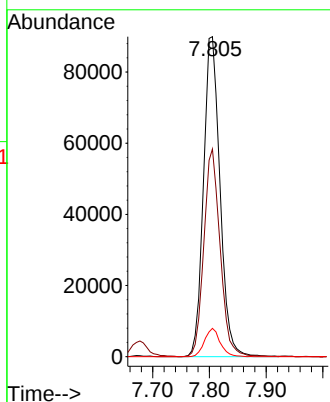
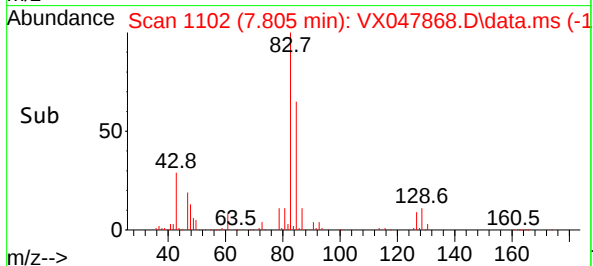
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 182124
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7
127 8.8 6.9 10.3

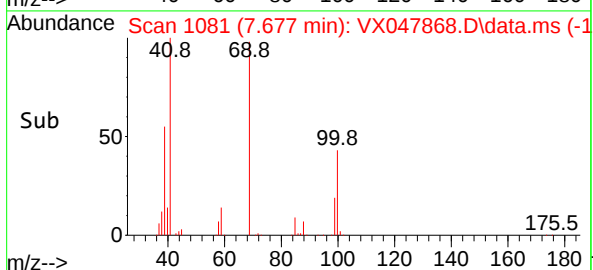
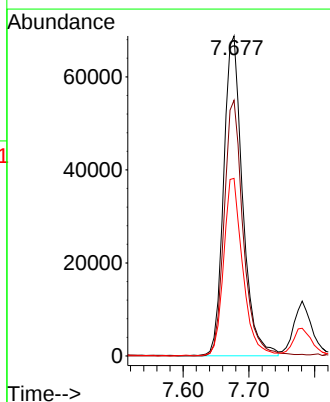
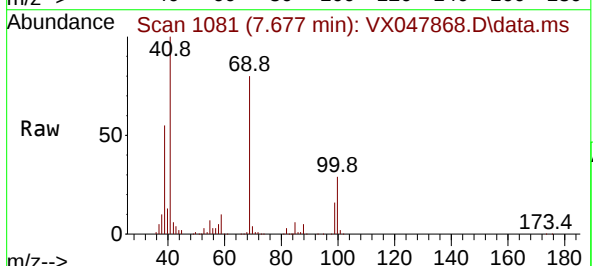
Manual Integrations
APPROVED

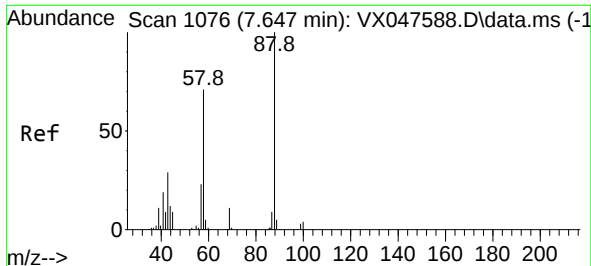
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#48
Methyl methacrylate
Concen: 52.008 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 41 Resp: 138099
Ion Ratio Lower Upper
41 100
69 80.2 61.4 92.2
39 55.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1343.657 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

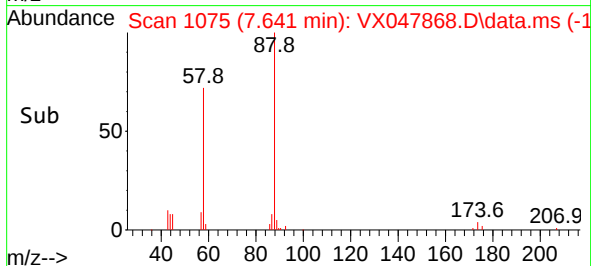
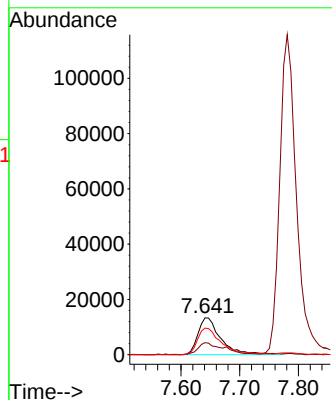
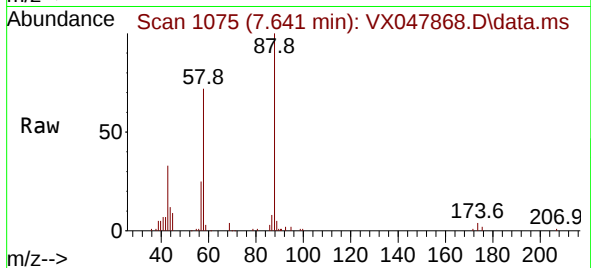
Tgt Ion:	88	Resp:	3605
Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.2	45.2
58	75.3	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 48.212 ug/l

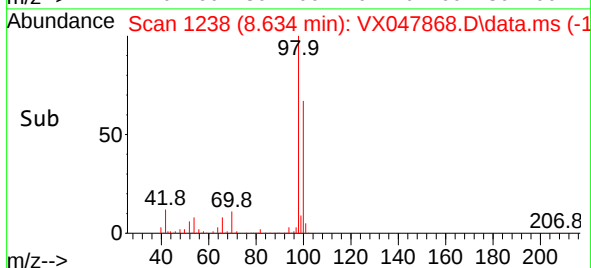
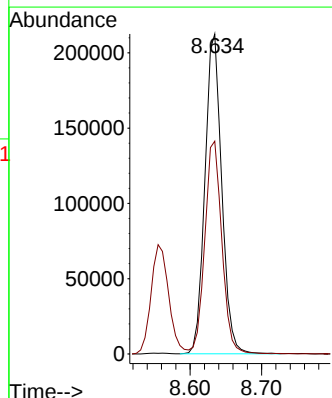
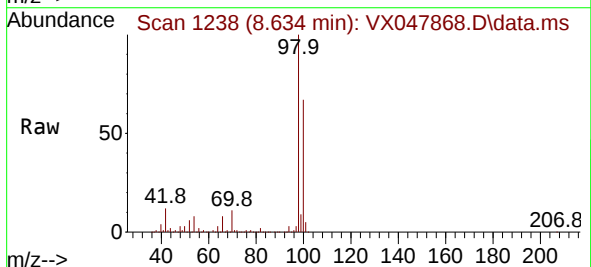
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

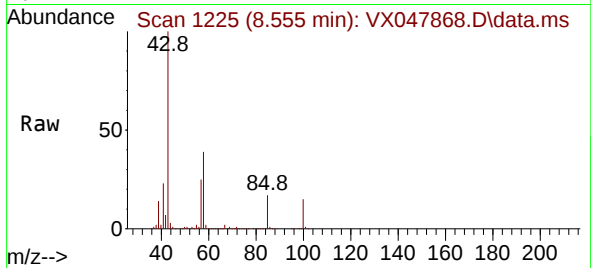
Tgt Ion:	98	Resp:	346572
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 281.303 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

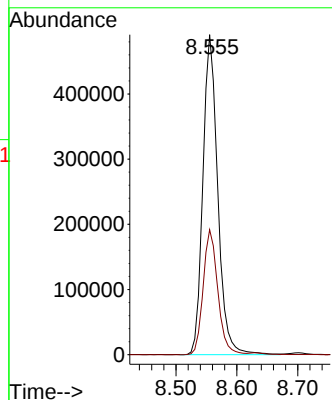
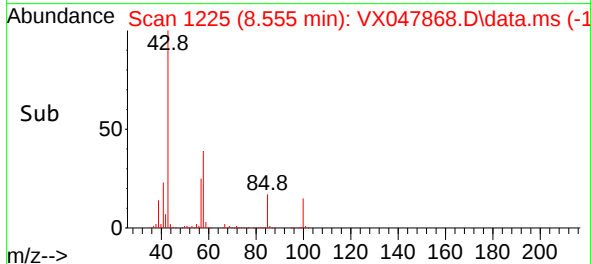
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 83142
Ion Ratio Lower Upper
43 100
58 38.5 30.3 45.5

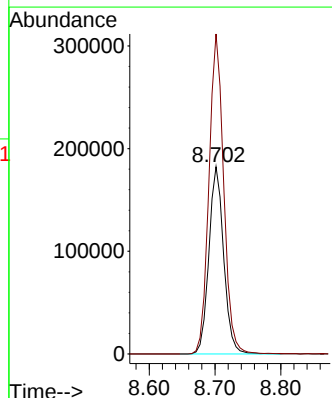
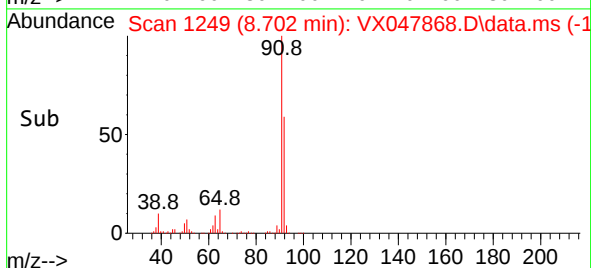
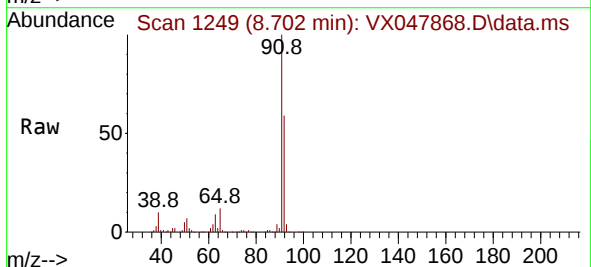
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#52
Toluene
Concen: 50.235 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion: 92 Resp: 285361
Ion Ratio Lower Upper
92 100
91 170.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.211 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 17796

Ion Ratio Lower Upper

75 100

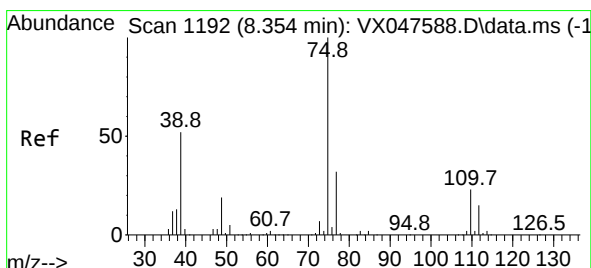
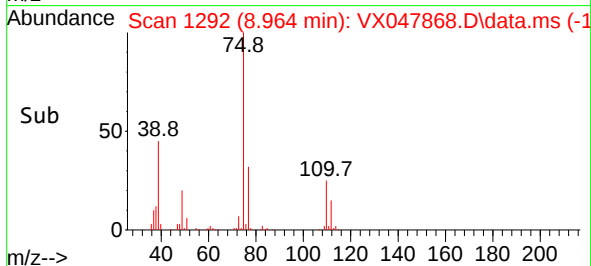
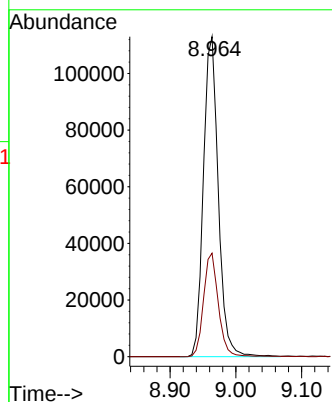
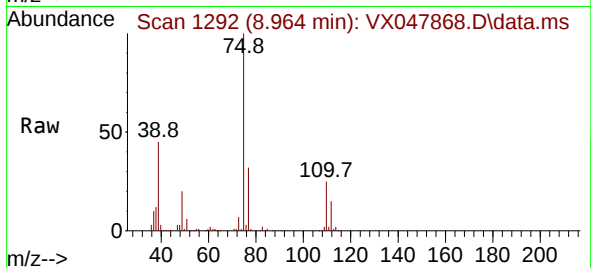
77 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#54

cis-1,3-Dichloropropene

Concen: 49.755 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

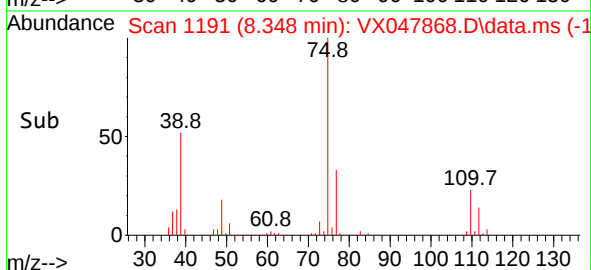
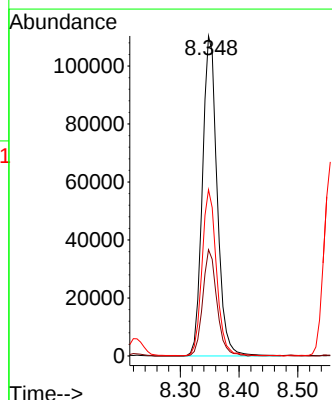
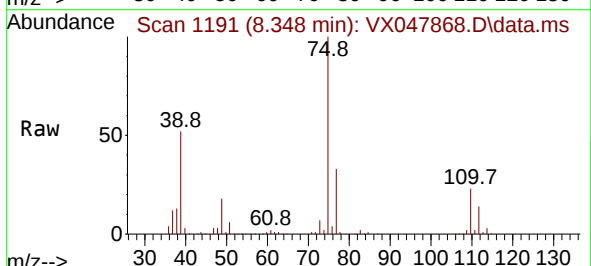
Tgt Ion: 75 Resp: 192314

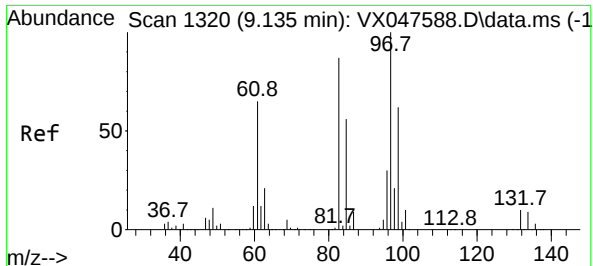
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6

39 51.9 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 50.959 ug/l

RT: 9.134 min Scan# 111620

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 111620

Ion Ratio Lower Upper

97 100

83 84.6 69.6 104.4

85 55.6 45.0 67.6

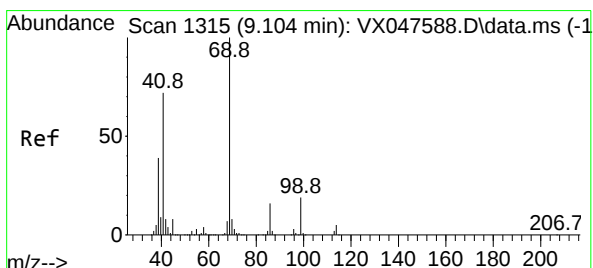
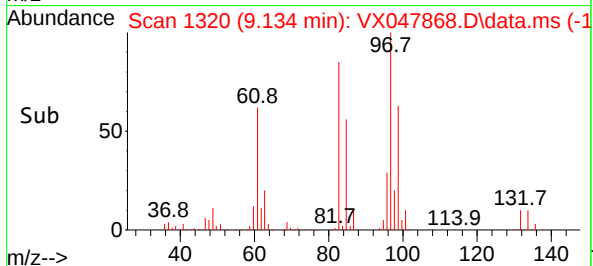
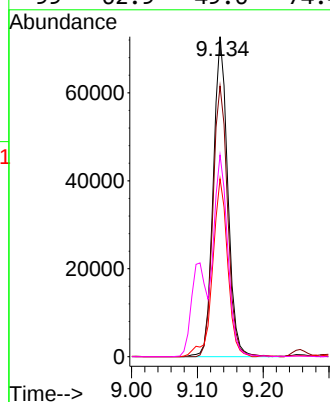
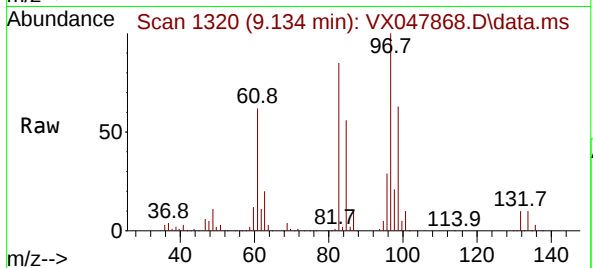
99 62.9 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#56

Ethyl methacrylate

Concen: 52.421 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

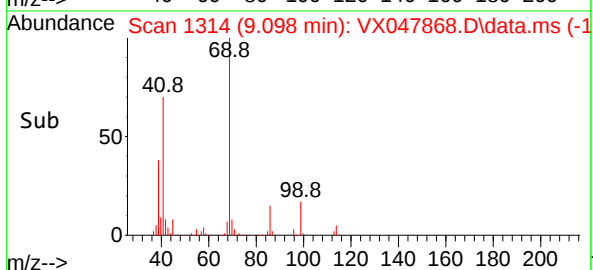
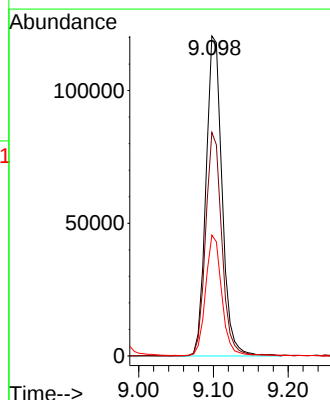
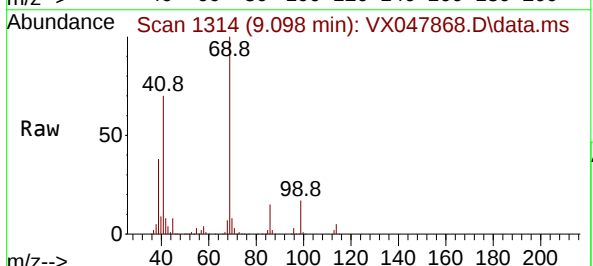
Tgt Ion: 69 Resp: 180325

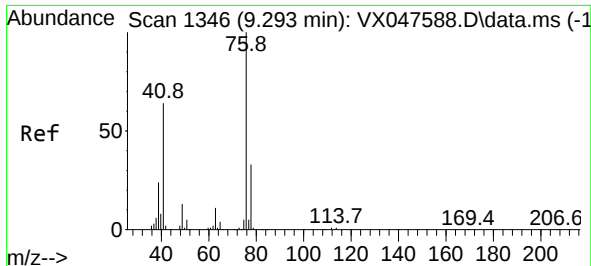
Ion Ratio Lower Upper

69 100

41 70.7 58.6 87.8

39 38.3 31.5 47.3





#57

1,3-Dichloropropane

Concen: 50.725 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 190862

Ion Ratio Lower Upper

76 100

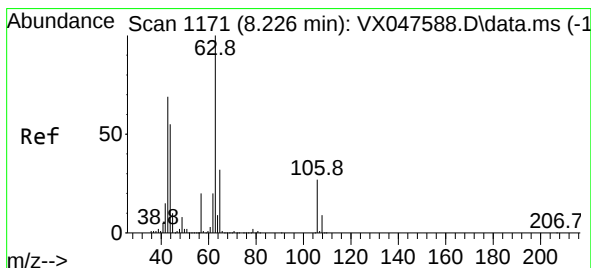
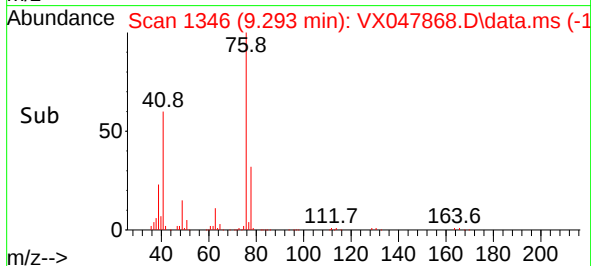
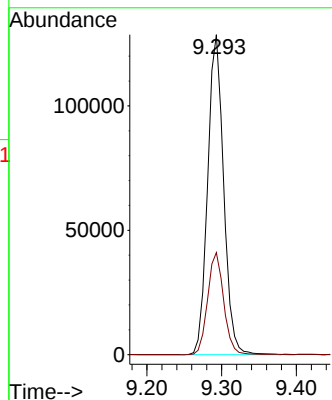
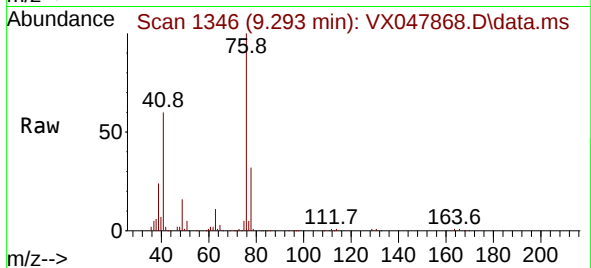
78 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 288.479 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047868.D

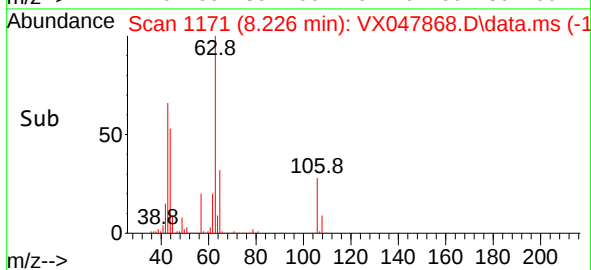
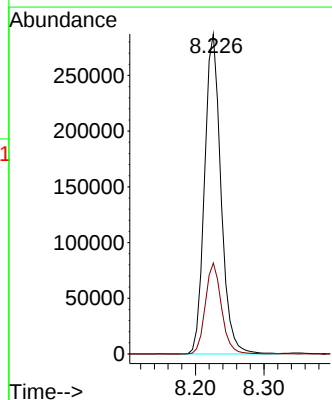
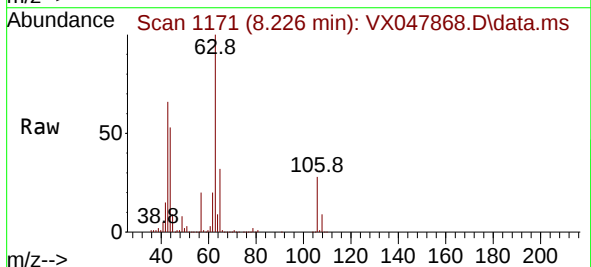
Acq: 29 Sep 2025 08:59

Tgt Ion: 63 Resp: 478951

Ion Ratio Lower Upper

63 100

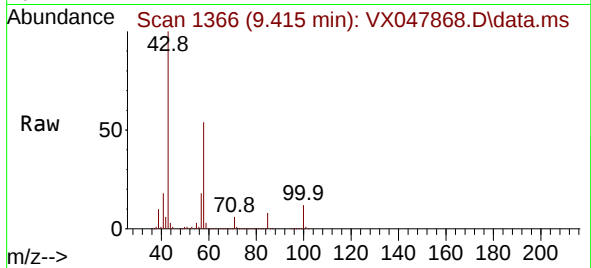
106 27.9 21.9 32.9





#59
2-Hexanone
Concen: 284.417 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

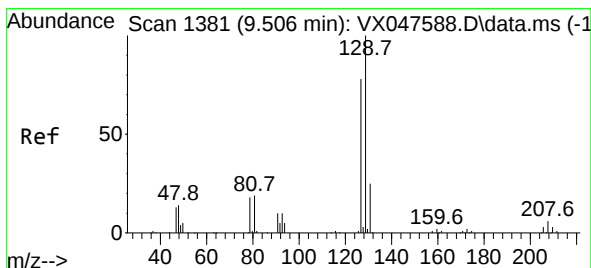
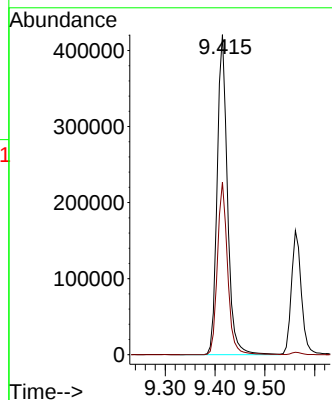
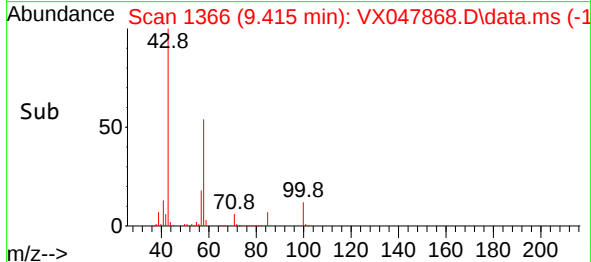
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 603740
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.2

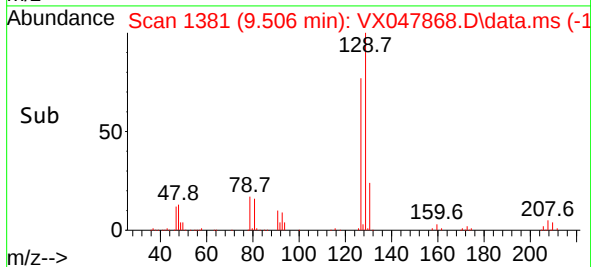
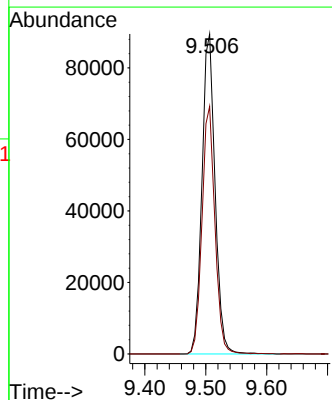
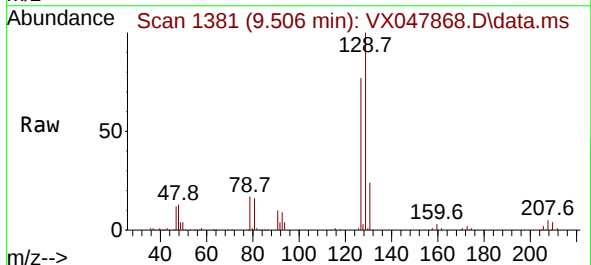
Manual Integrations
APPROVED

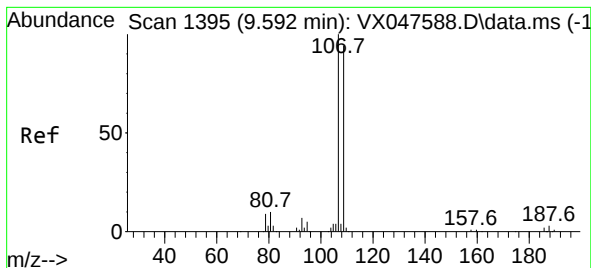
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 52.986 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

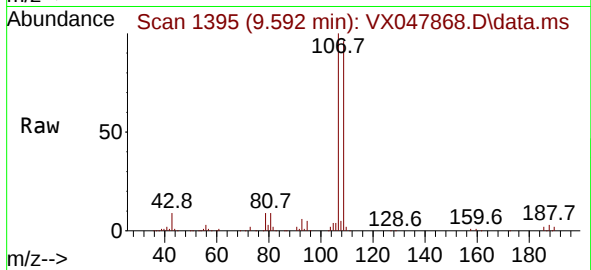
Tgt Ion:129 Resp: 133727
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 52.412 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

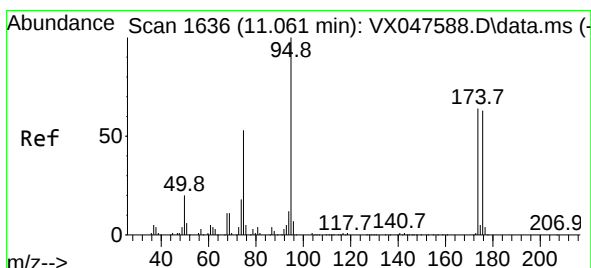
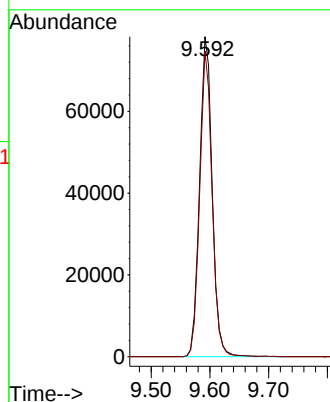
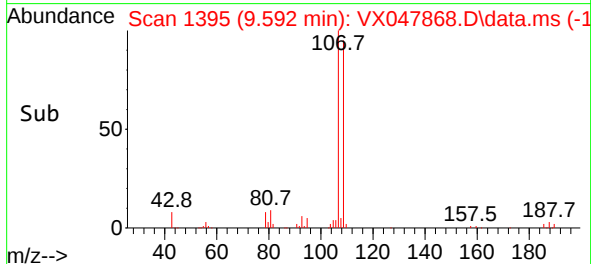
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



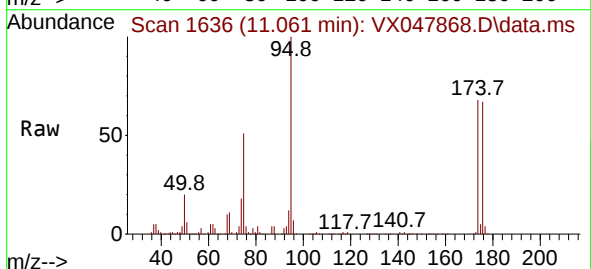
Tgt Ion:107 Resp: 116932
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

Manual Integrations
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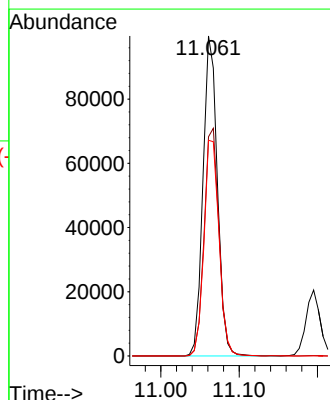
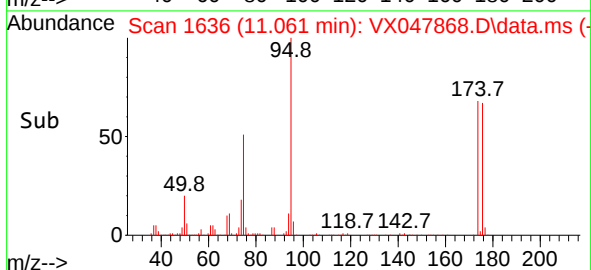
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

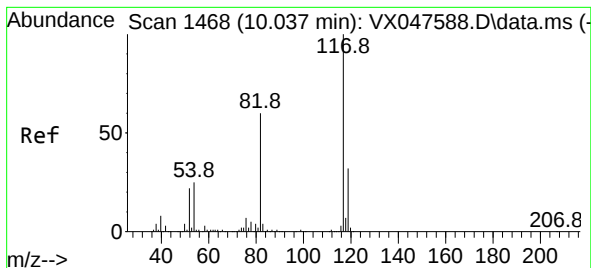


#62
4-Bromofluorobenzene
Concen: 46.534 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



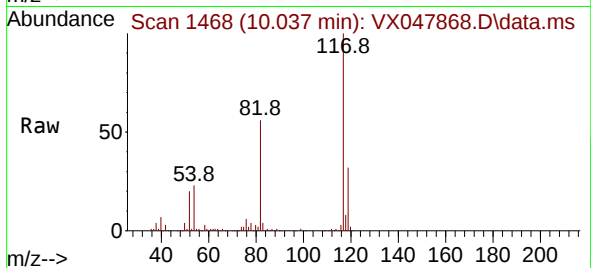
Tgt Ion: 95 Resp: 126953
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.6 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

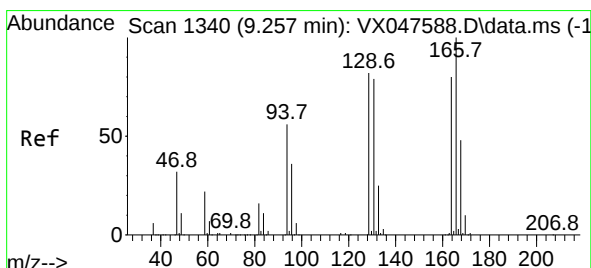
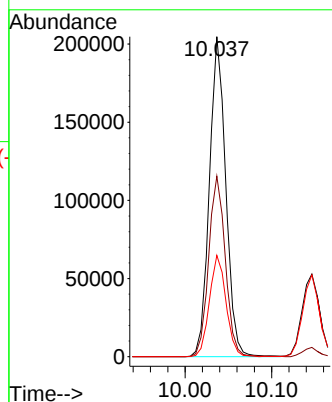
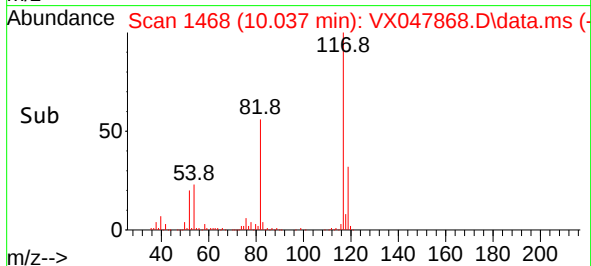
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:117 Resp: 268979
Ion Ratio Lower Upper
117 100
82 56.4 47.8 71.6
119 31.6 25.2 37.8

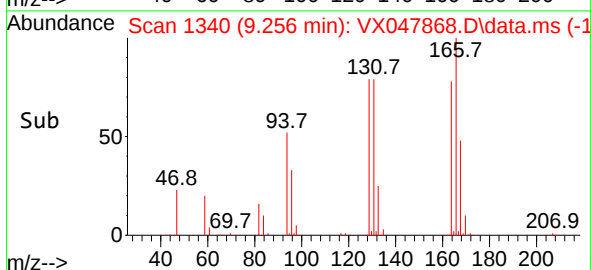
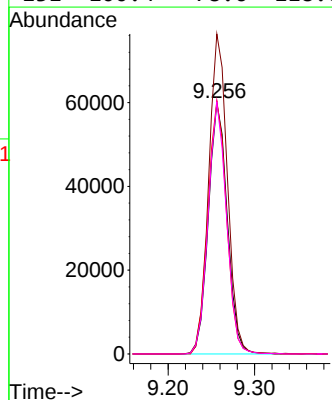
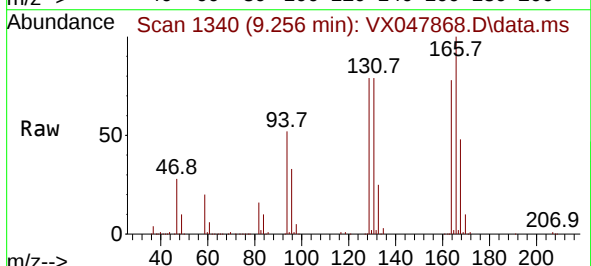
Manual Integrations
APPROVED

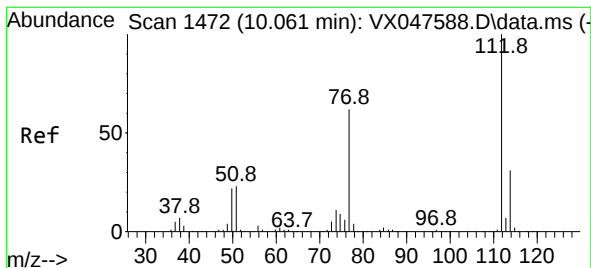
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 51.740 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

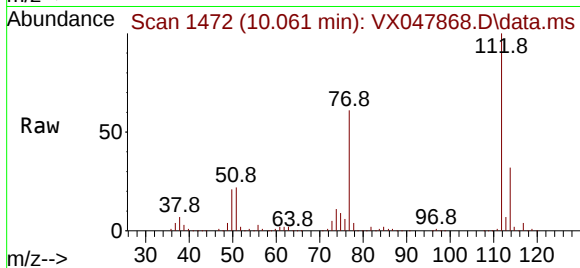
Tgt Ion:164 Resp: 90723
Ion Ratio Lower Upper
164 100
166 127.5 100.2 150.2
129 100.9 81.8 122.6
131 100.4 78.6 118.0





#65
Chlorobenzene
Concen: 51.045 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

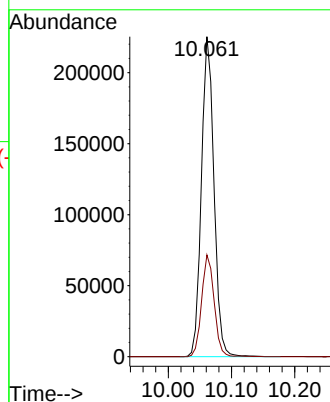
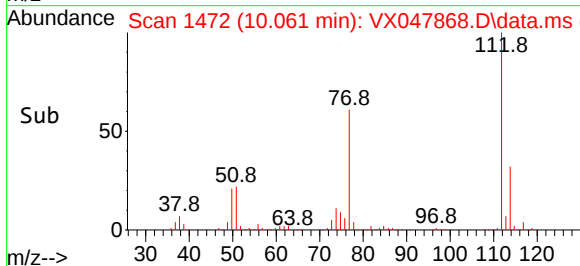
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



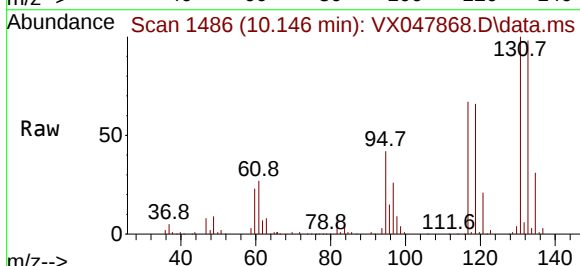
Tgt Ion:112 Resp: 311914
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

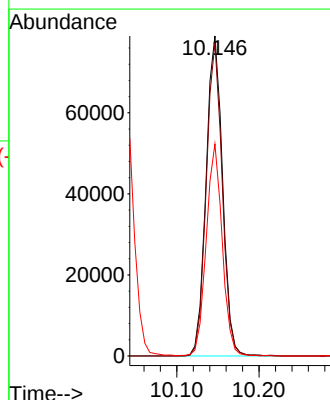
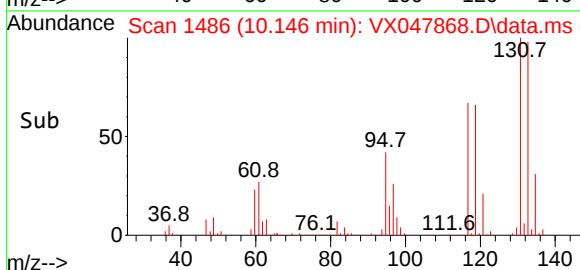
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

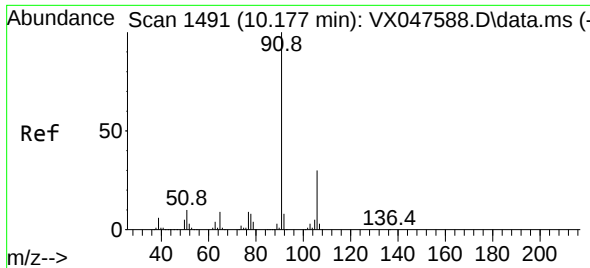


#66
1,1,1,2-Tetrachloroethane
Concen: 52.139 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion:131 Resp: 109941
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 64.2 32.0 96.0





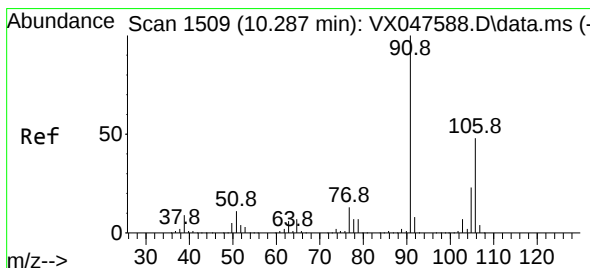
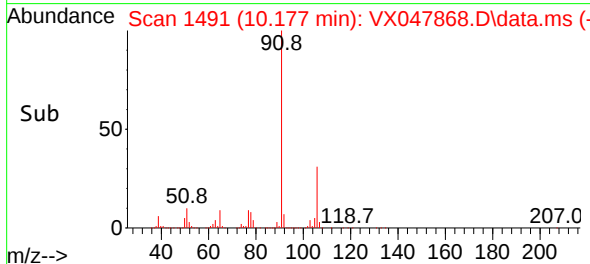
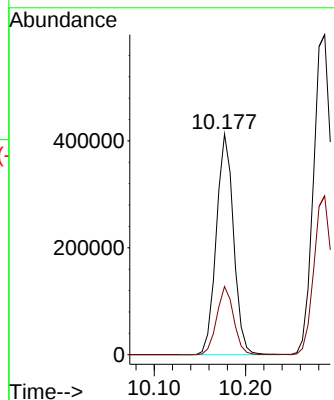
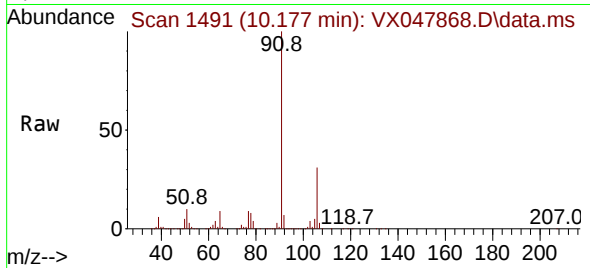
#67
Ethyl Benzene
Concen: 51.394 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 541862
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

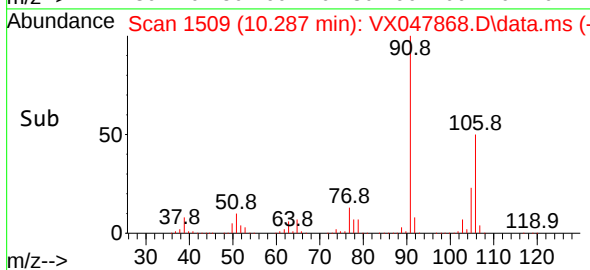
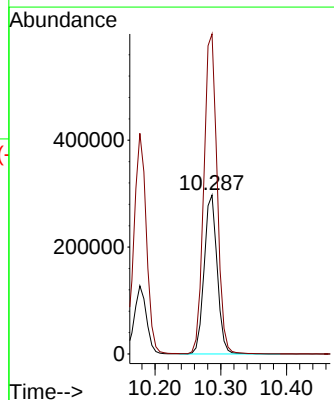
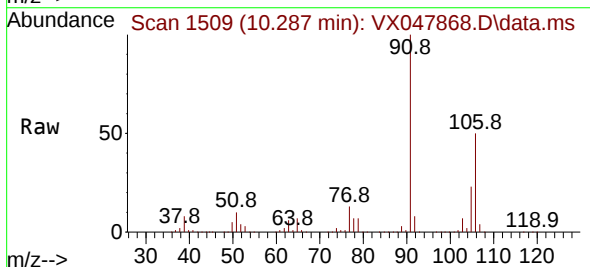
Manual Integrations
APPROVED

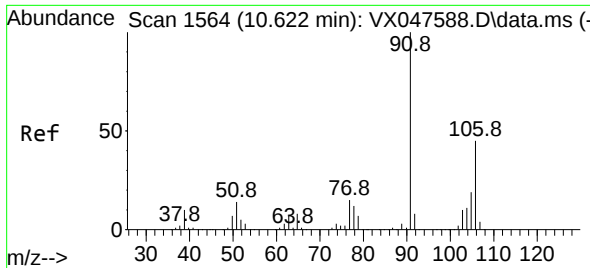
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 104.318 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Tgt Ion:106 Resp: 409378
Ion Ratio Lower Upper
106 100
91 205.4 167.8 251.8





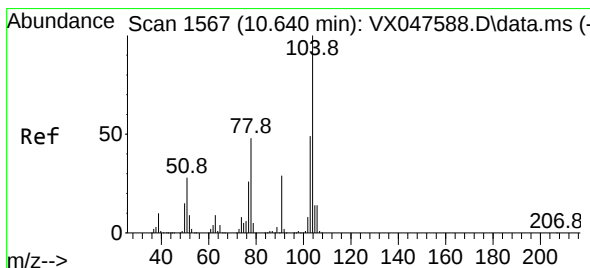
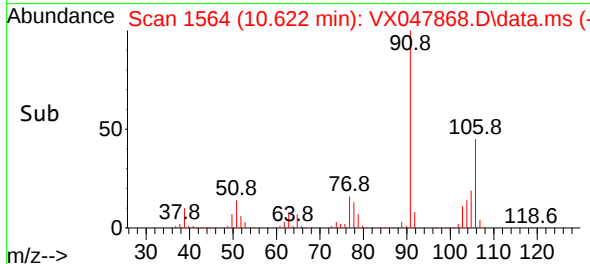
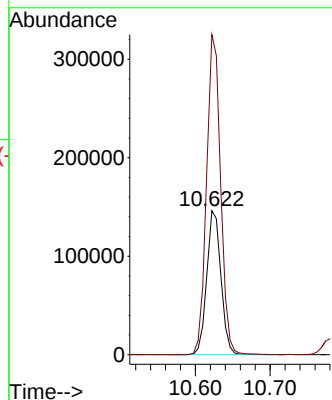
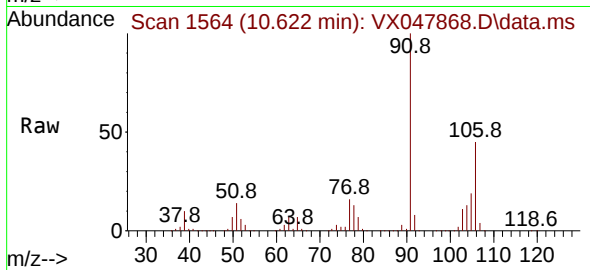
#69
o-Xylene
Concen: 50.691 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 192409
Ion Ratio Lower Upper
106 100
91 220.5 111.1 333.4

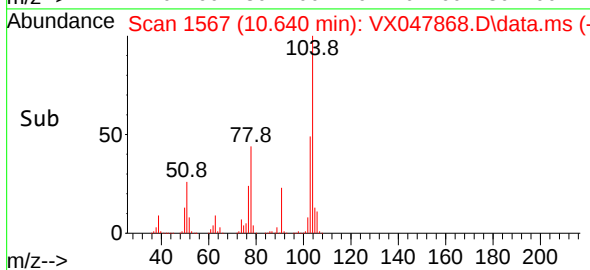
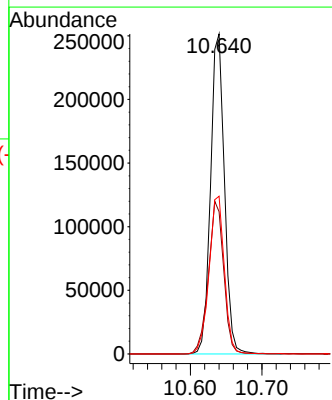
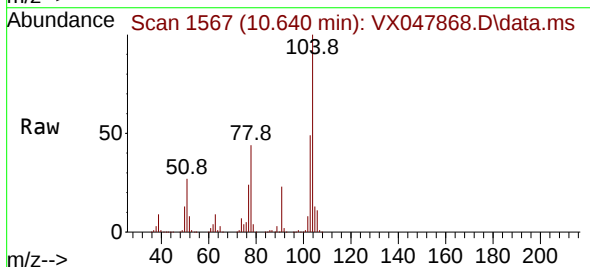
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 51.017 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

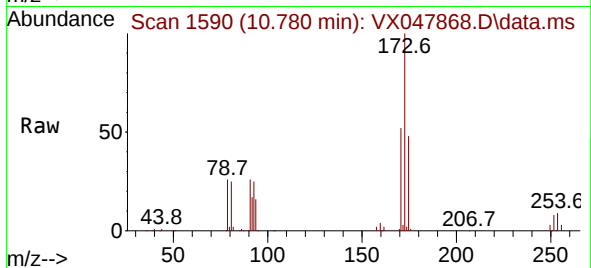
Tgt Ion:104 Resp: 339311
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.3 43.1 64.7





#71
Bromoform
Concen: 56.076 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

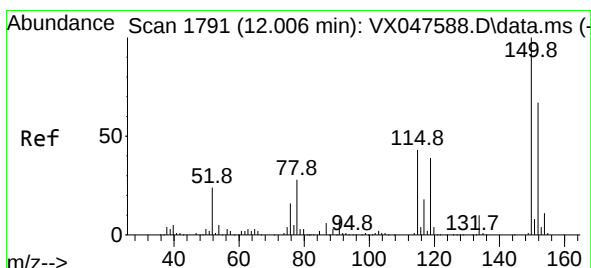
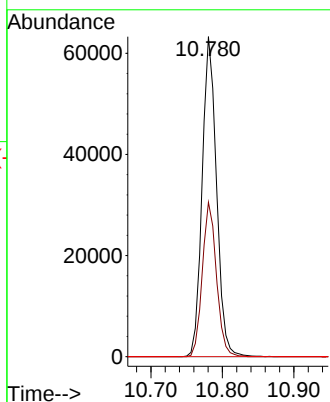
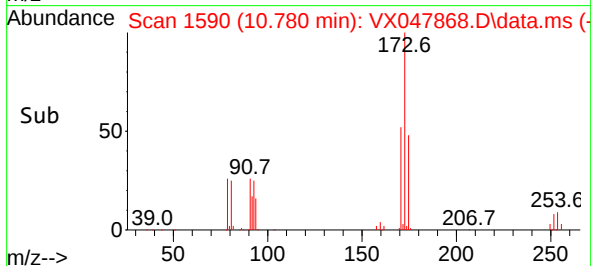
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



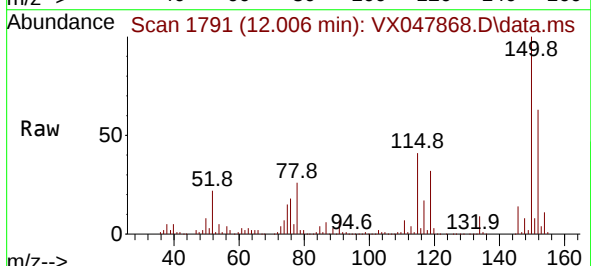
Tgt Ion:173 Resp: 8829
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

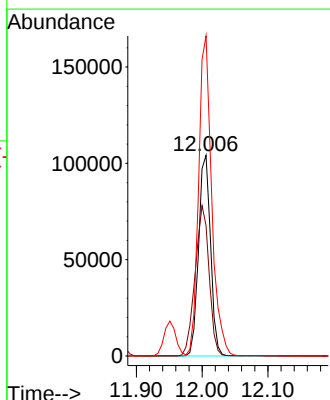
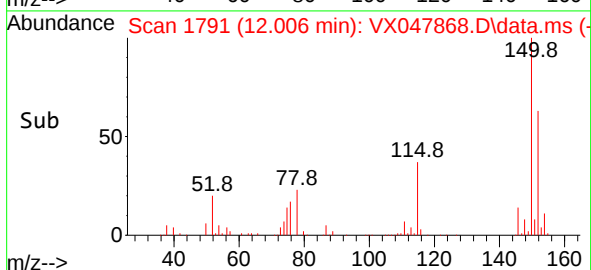
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

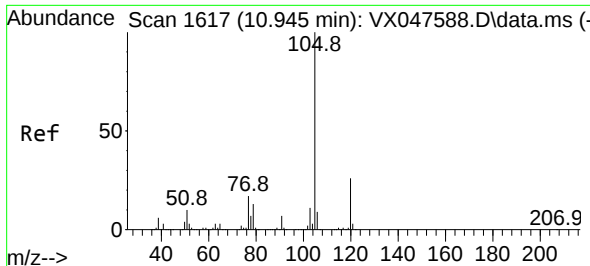


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



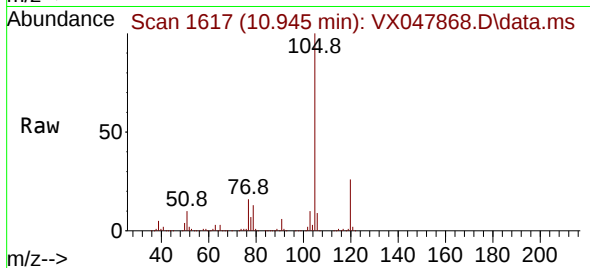
Tgt Ion:152 Resp: 131495
Ion Ratio Lower Upper
152 100
115 87.1 44.9 134.5
150 174.0 0.0 352.0





#73
Isopropylbenzene
Concen: 50.948 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

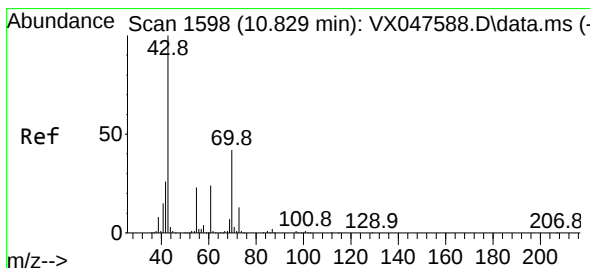
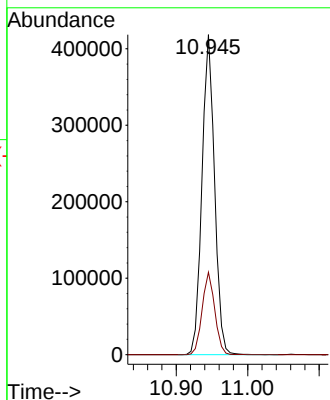
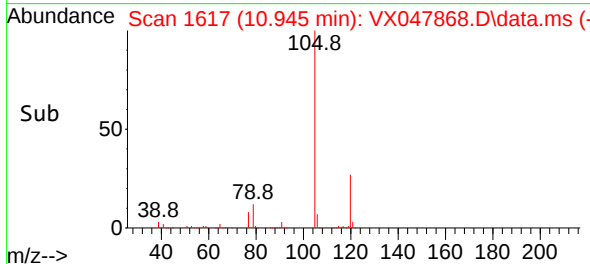
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 509330
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

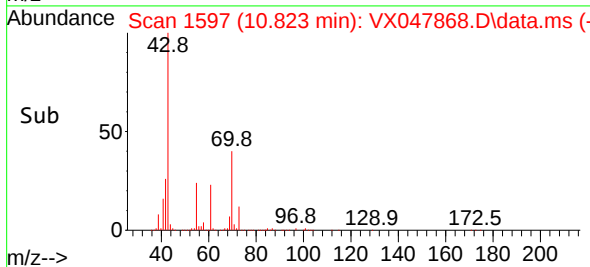
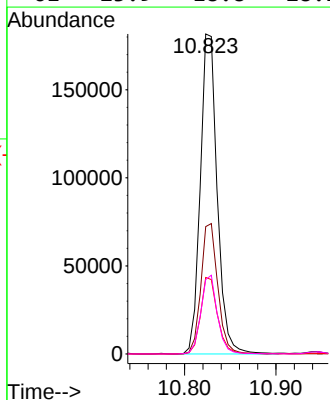
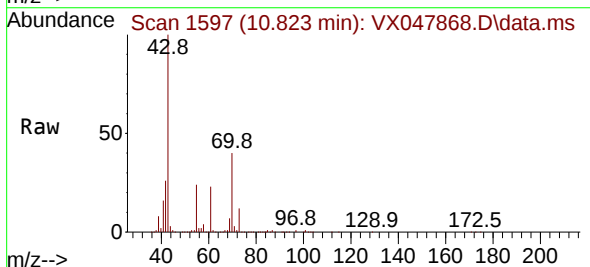
Manual Integrations
APPROVED

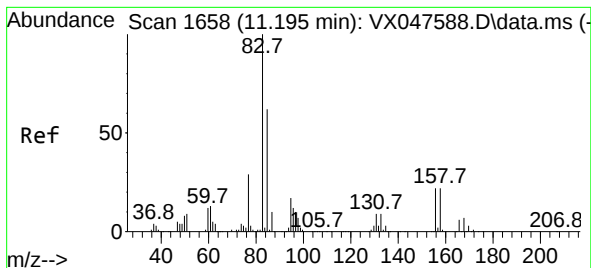
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 51.268 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

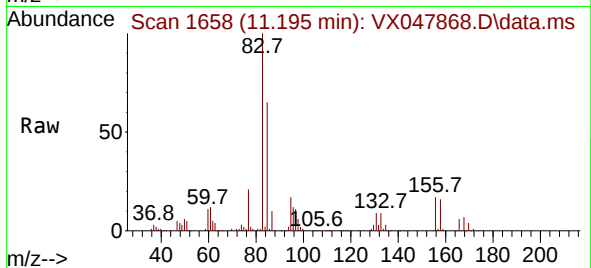
Tgt Ion: 43 Resp: 233722
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 24.0 18.9 28.3
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.575 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

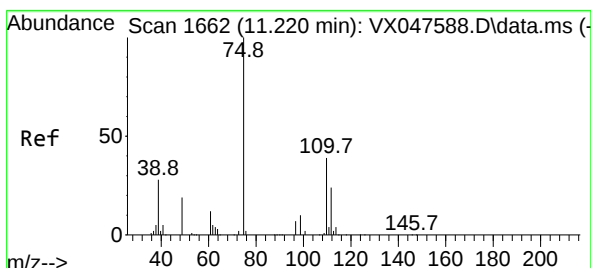
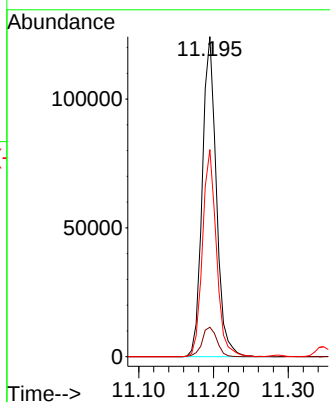
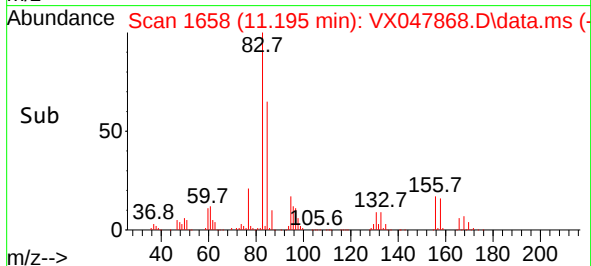
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



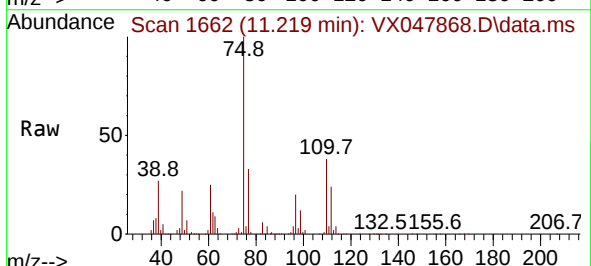
Tgt Ion: 83 Resp: 162045
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.3 31.6 95.0

Manual Integrations
APPROVED

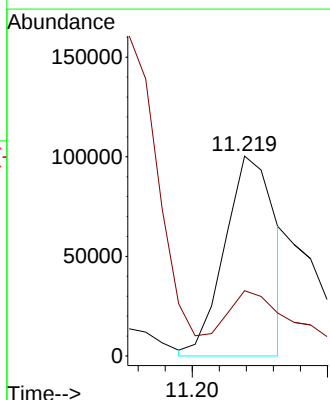
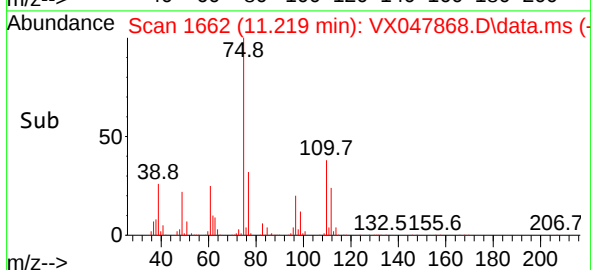
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

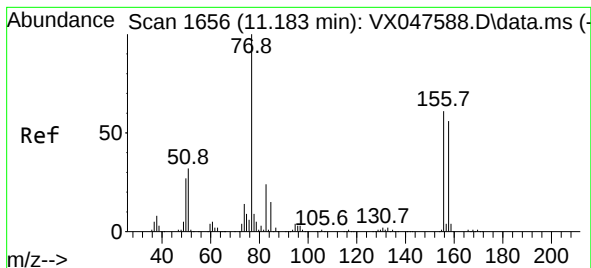


#76
1,2,3-Trichloropropane
Concen: 48.576 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion: 75 Resp: 129326
Ion Ratio Lower Upper
75 100
77 46.3 18.8 56.4





#77

Bromobenzene

Concen: 50.204 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

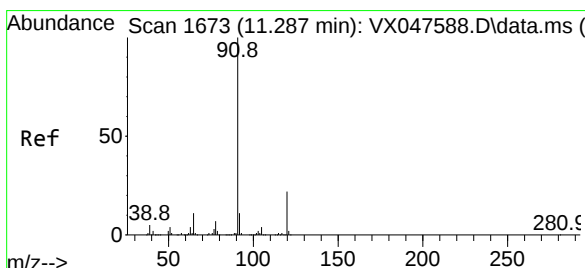
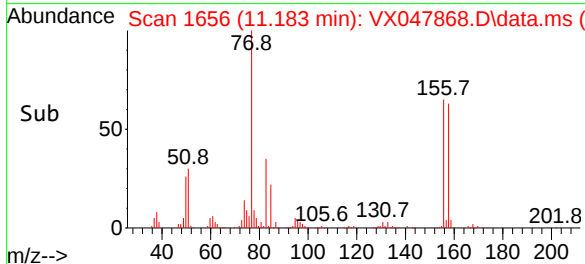
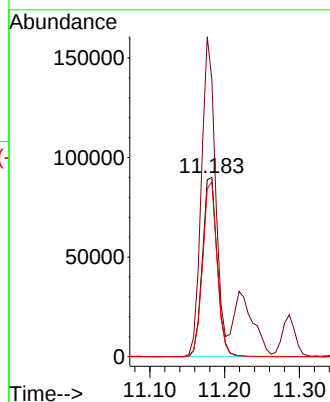
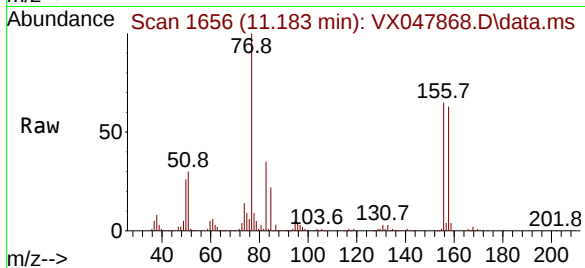
Tgt Ion:	156	Resp:	12361
Ion Ratio	Lower	Upper	
156	100		
77	169.4	89.7	269.1
158	95.8	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#78

n-propylbenzene

Concen: 51.147 ug/l

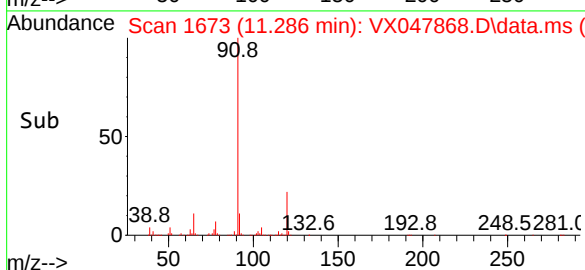
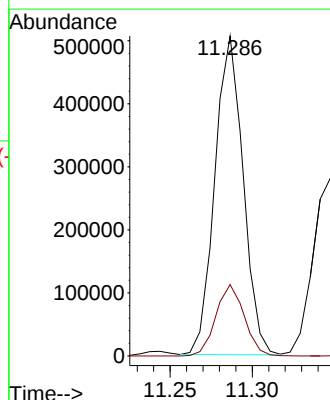
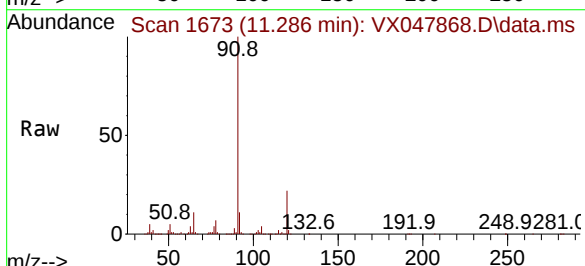
RT: 11.286 min Scan# 1673

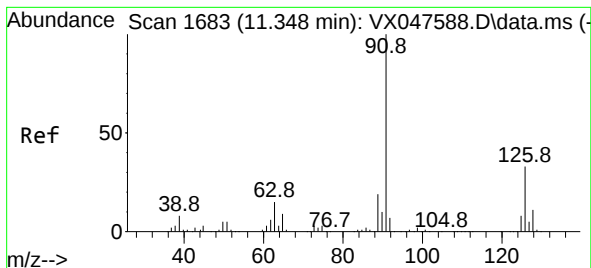
Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Tgt Ion:	91	Resp:	604446
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.1	33.1





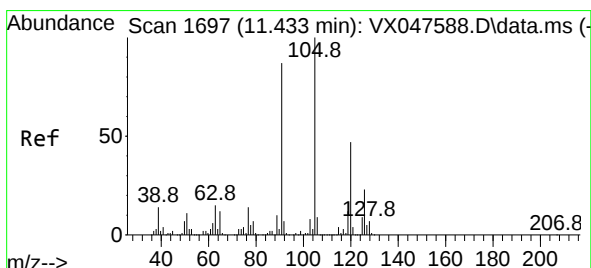
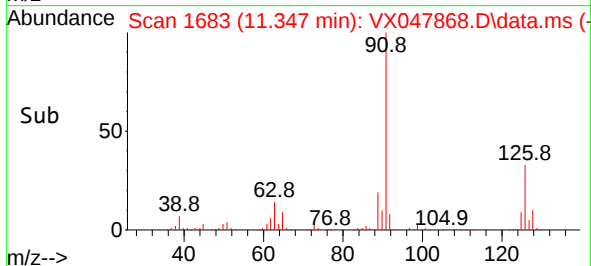
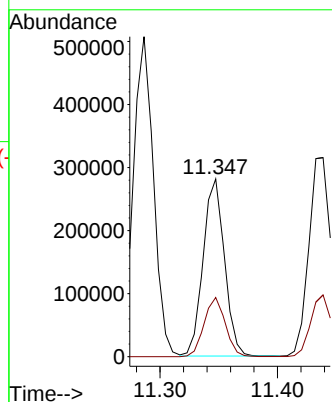
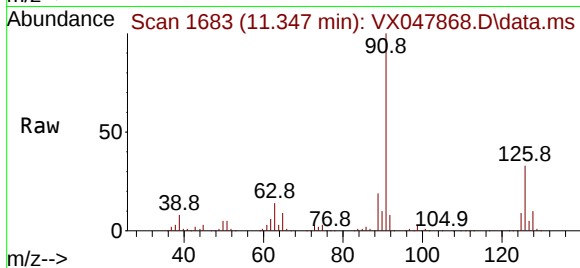
#79
2-Chlorotoluene
Concen: 48.976 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 354495
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.3

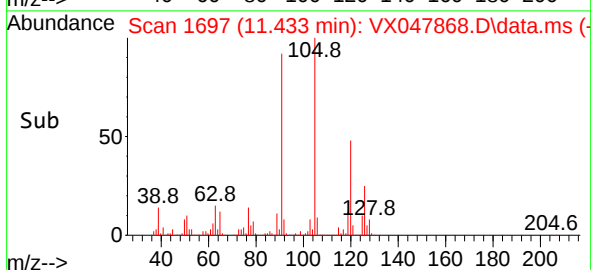
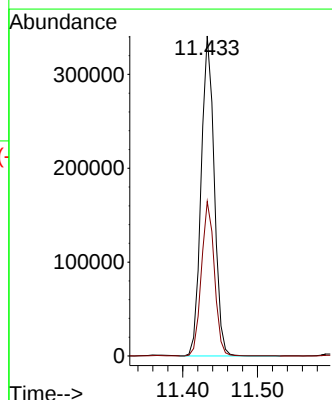
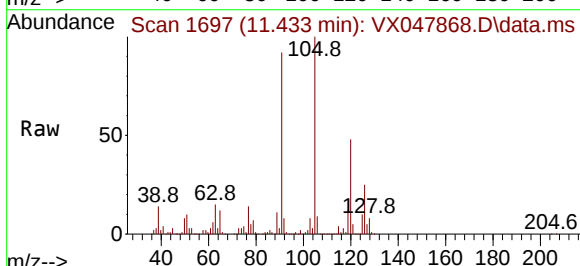
Manual Integrations
APPROVED

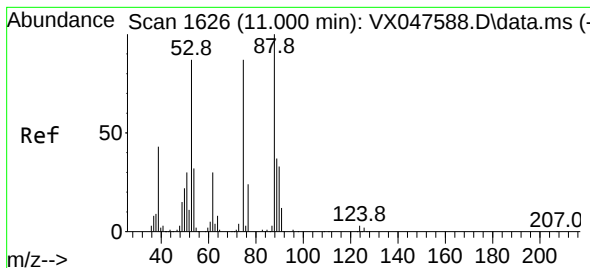
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.459 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

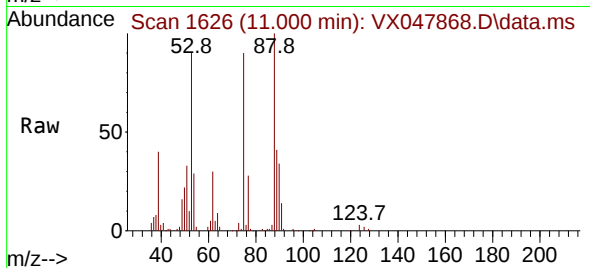
Tgt Ion:105 Resp: 414443
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.645 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

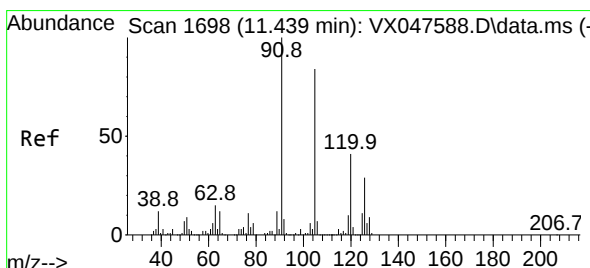
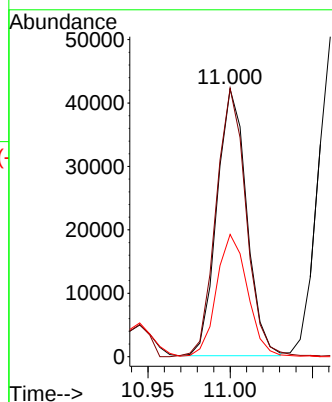
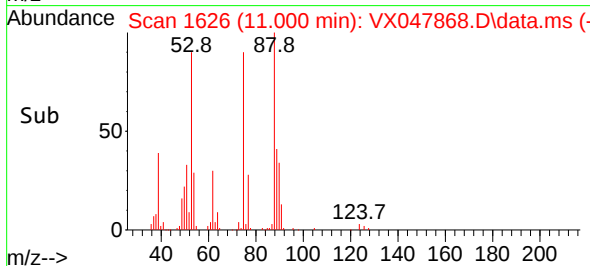
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 52874
Ion Ratio Lower Upper
75 100
53 102.3 83.4 125.2
89 47.9 36.3 54.5

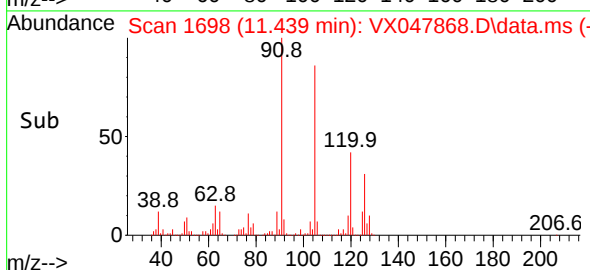
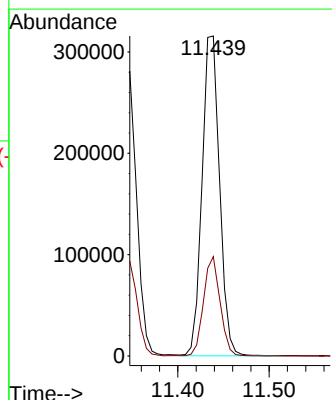
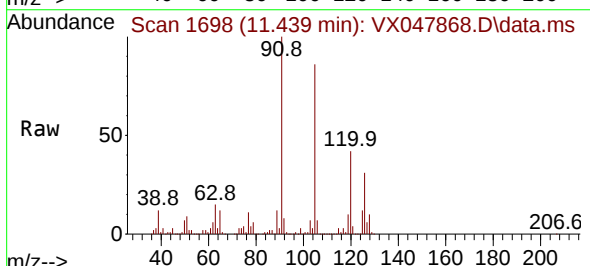
Manual Integrations
APPROVED

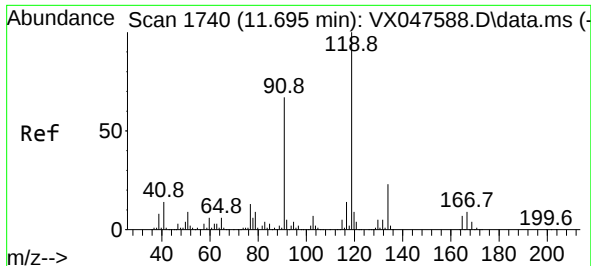
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 49.019 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

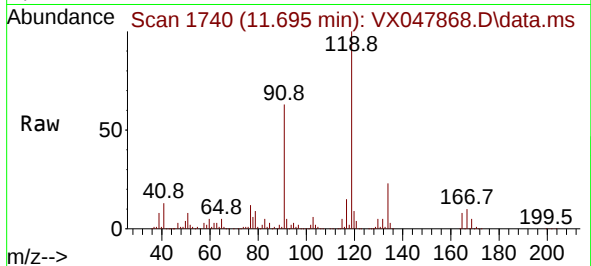
Tgt Ion: 91 Resp: 419046
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.816 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

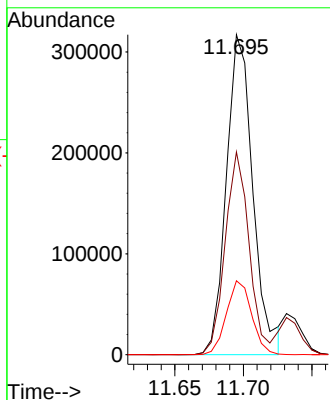
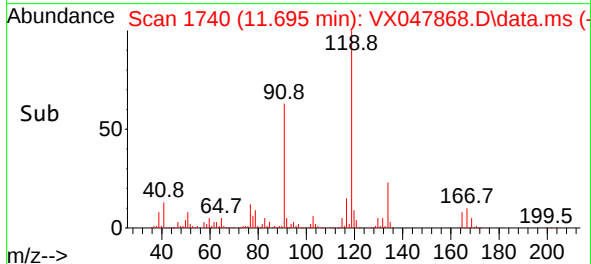
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



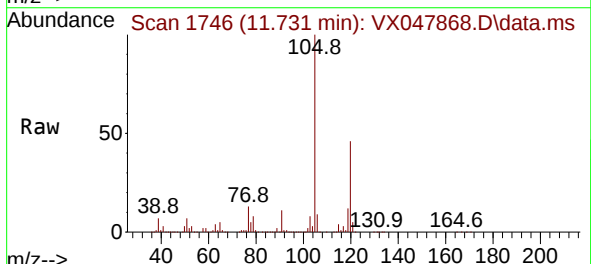
Tgt Ion:119 Resp: 427258
Ion Ratio Lower Upper
119 100
91 57.3 29.6 88.8
134 22.0 11.0 33.0

Manual Integrations
APPROVED

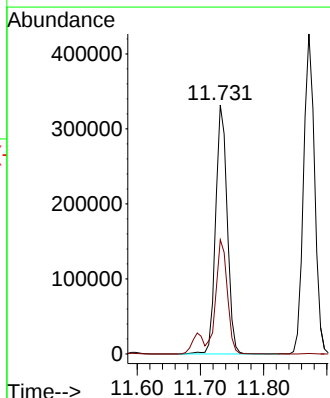
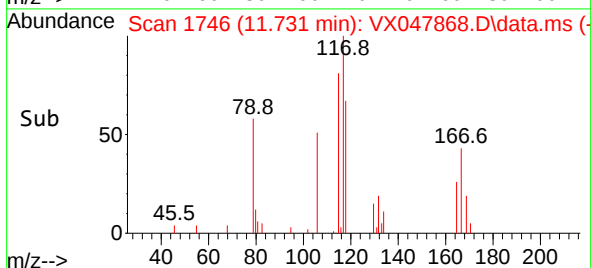
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

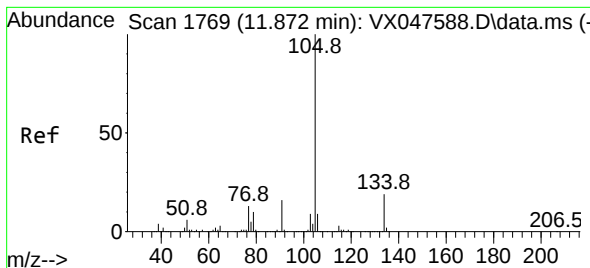


#84
1,2,4-Trimethylbenzene
Concen: 50.196 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion:105 Resp: 417985
Ion Ratio Lower Upper
105 100
120 45.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.301 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 51234

Ion Ratio Lower Upper

105 100

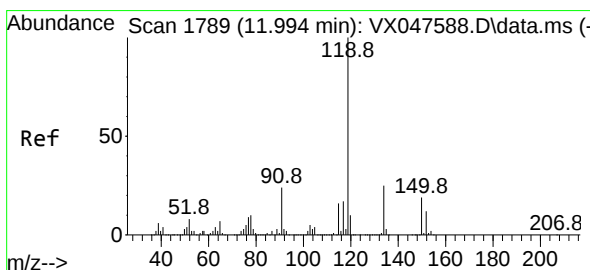
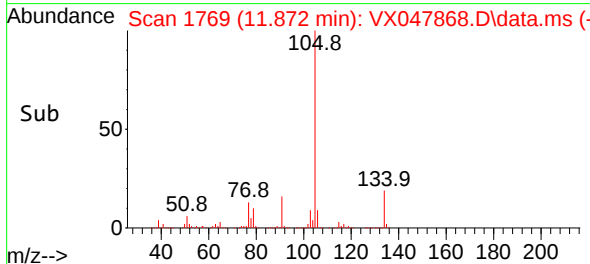
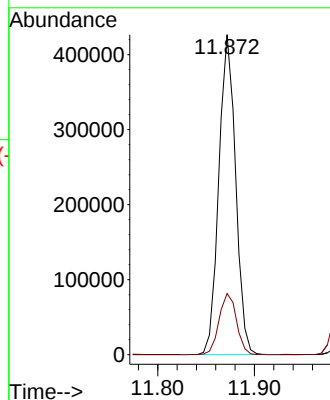
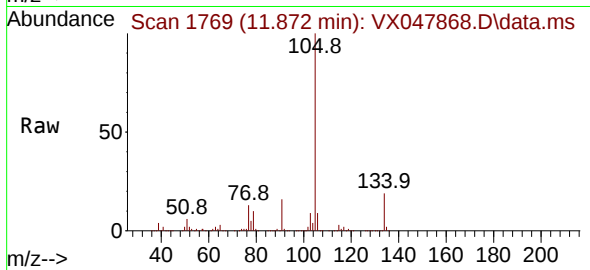
134 19.9 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#86

p-Isopropyltoluene

Concen: 50.890 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

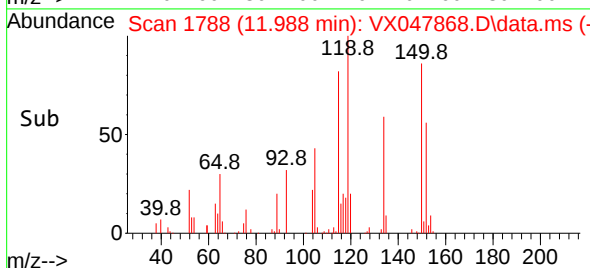
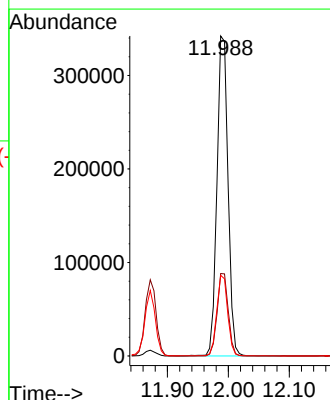
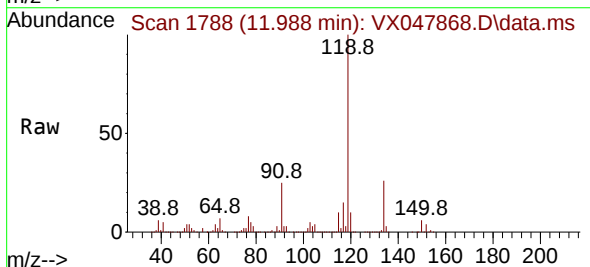
Tgt Ion:119 Resp: 430271

Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

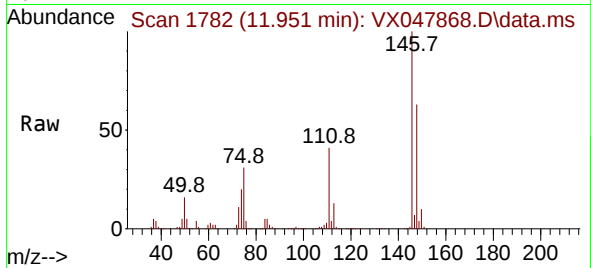
91 24.8 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 49.923 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

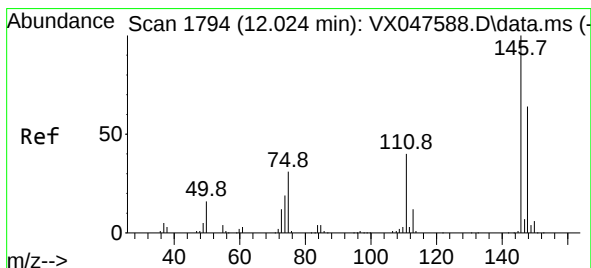
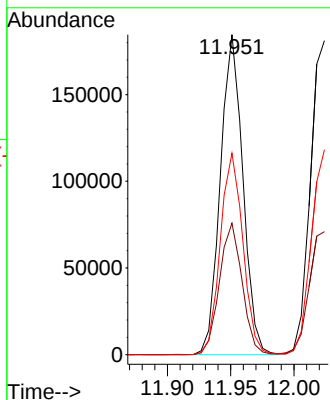
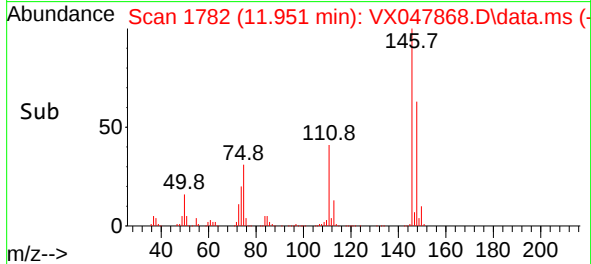
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



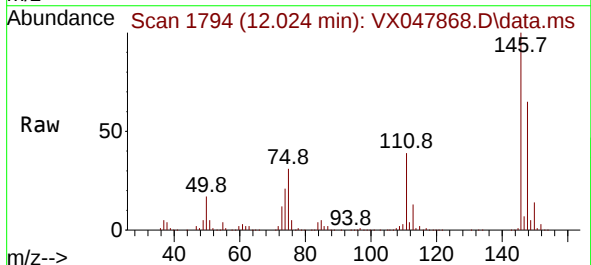
Tgt Ion:146 Resp: 228315
Ion Ratio Lower Upper
146 100
111 41.5 21.5 64.5
148 63.3 32.0 96.0

Manual Integrations
APPROVED

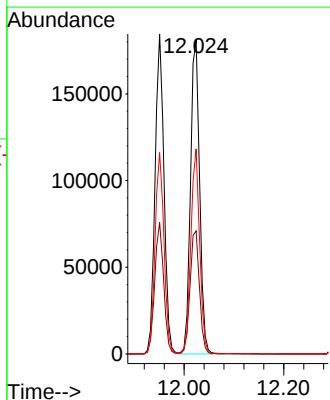
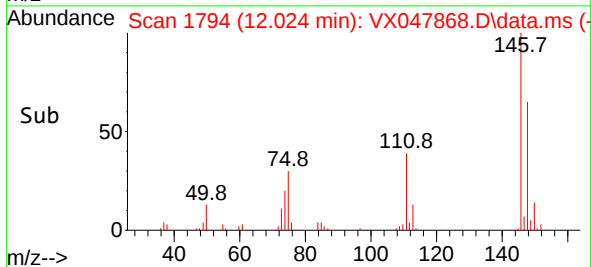
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

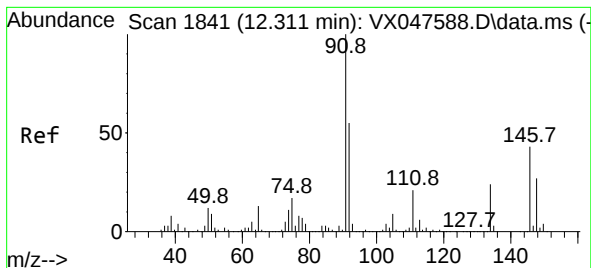


#88
1,4-Dichlorobenzene
Concen: 48.983 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion:146 Resp: 229920
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.4
148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 51.508 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX047868.D

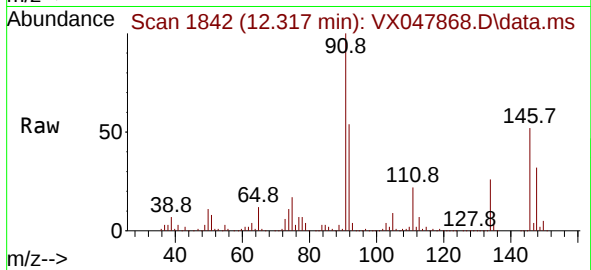
Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 402968

Ion Ratio Lower Upper

91 100

92 53.8 27.6 82.7

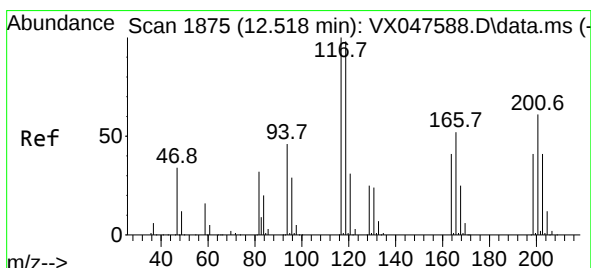
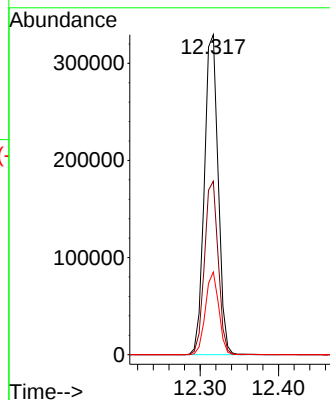
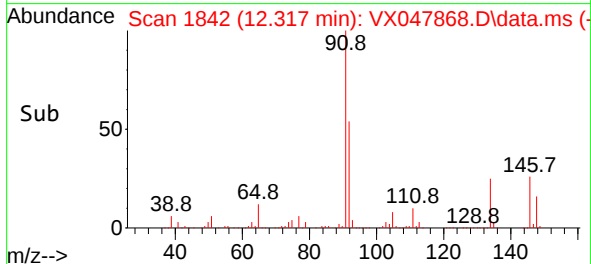
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#90

Hexachloroethane

Concen: 52.897 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047868.D

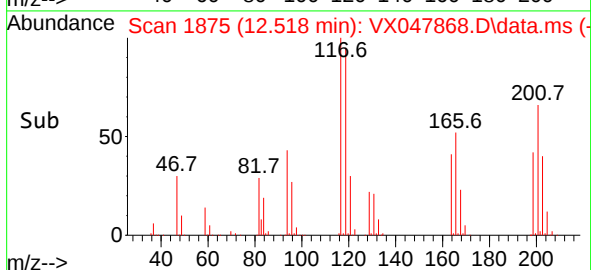
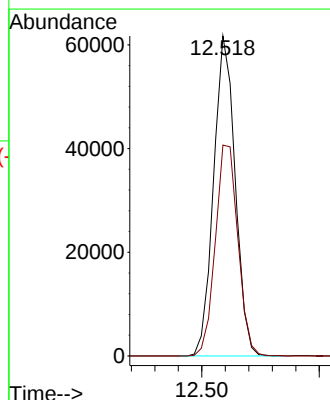
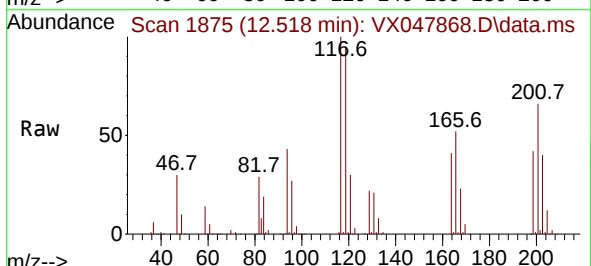
Acq: 29 Sep 2025 08:59

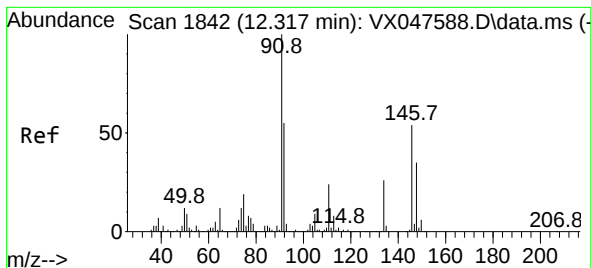
Tgt Ion:117 Resp: 78523

Ion Ratio Lower Upper

117 100

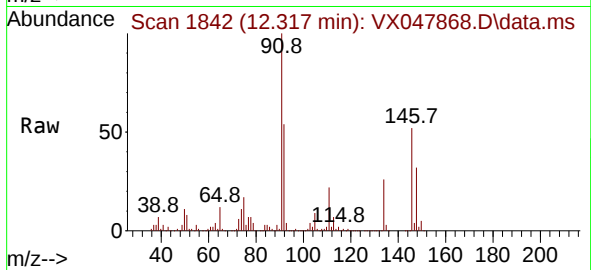
201 69.2 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.118 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

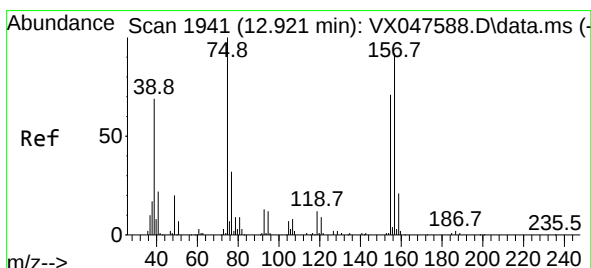
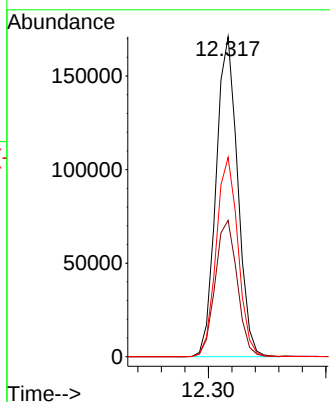
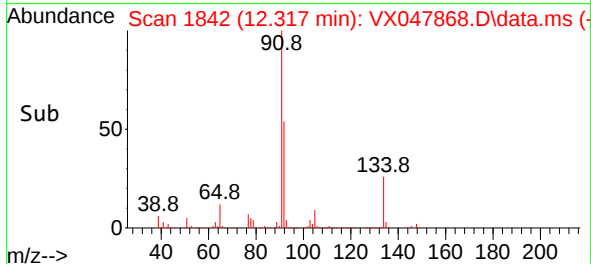
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



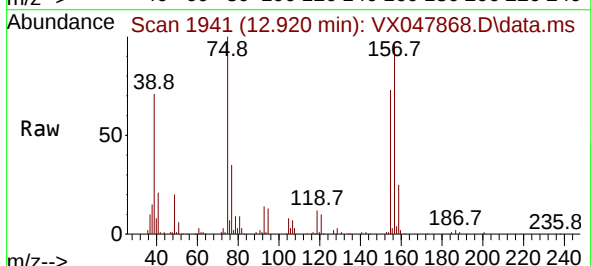
Tgt Ion:146 Resp: 218360
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 62.9 31.8 95.4

Manual Integrations
APPROVED

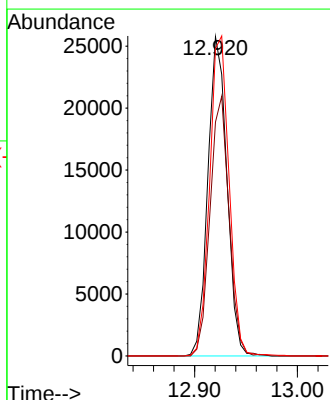
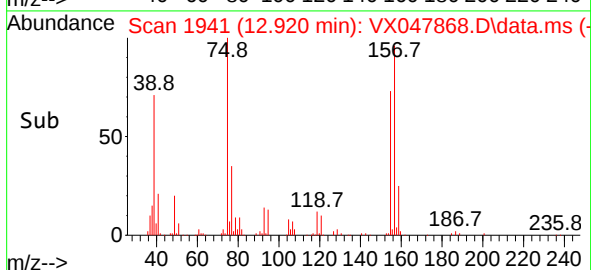
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.261 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion: 75 Resp: 33228
Ion Ratio Lower Upper
75 100
155 81.2 37.7 113.1
157 102.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.024 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

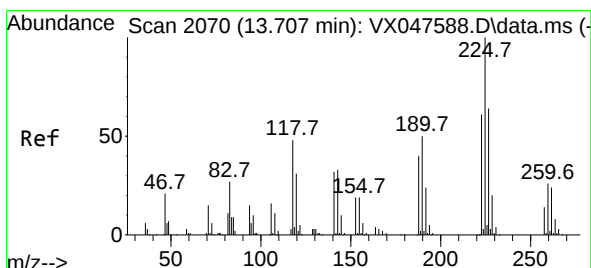
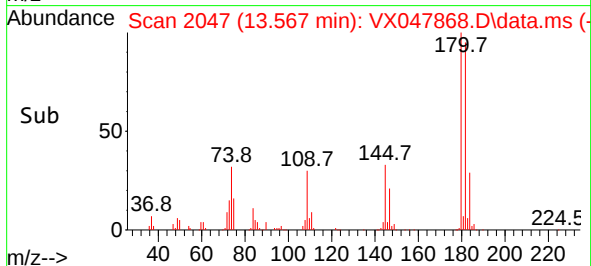
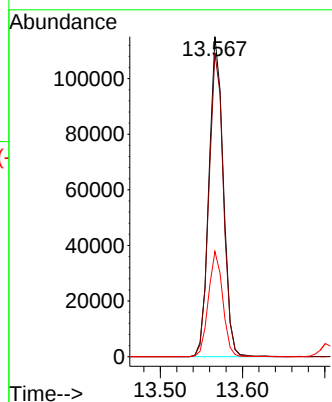
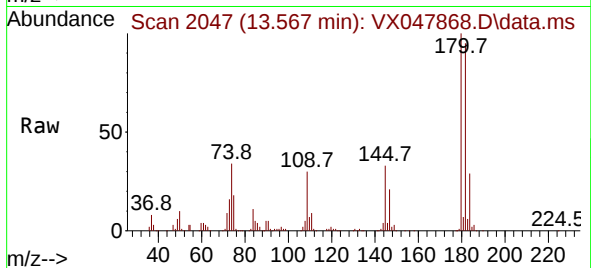
Tgt Ion:	180	Resp:	13882
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.6	139.8
145	32.9	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 50.335 ug/l

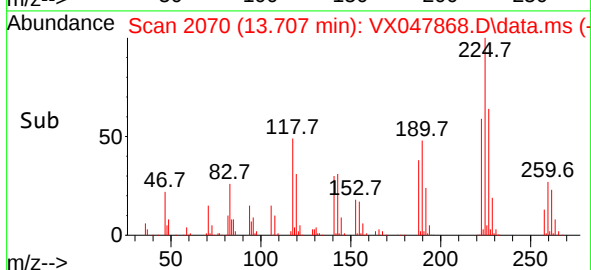
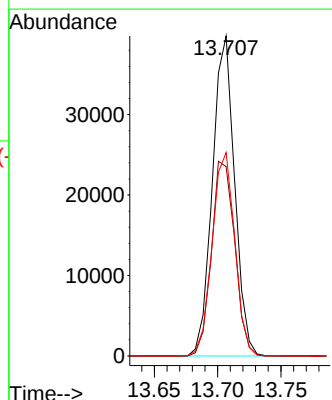
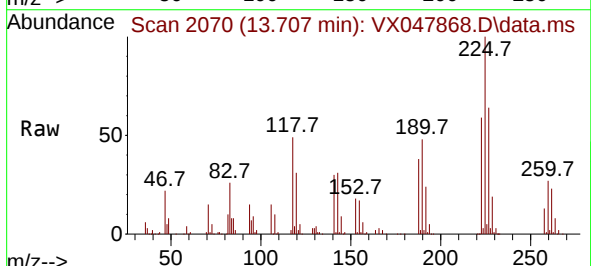
RT: 13.707 min Scan# 2070

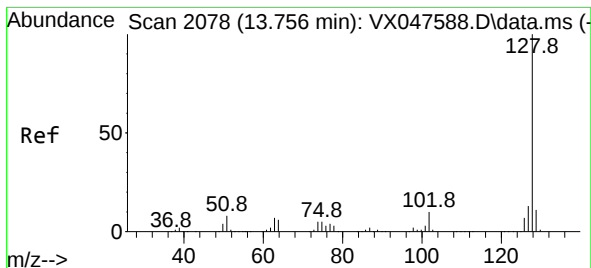
Delta R.T. -0.000 min

Lab File: VX047868.D

Acq: 29 Sep 2025 08:59

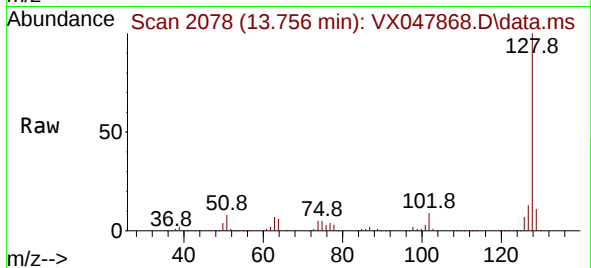
Tgt Ion:	225	Resp:	48414
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.7	95.1
227	65.1	32.0	96.0





#95
Naphthalene
Concen: 51.950 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59

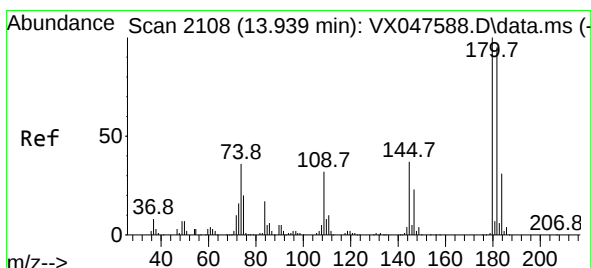
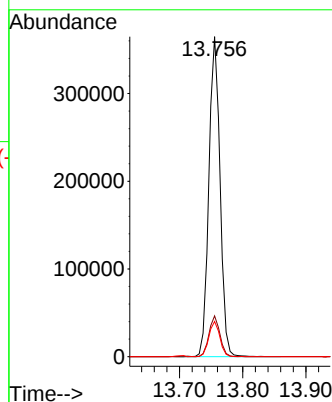
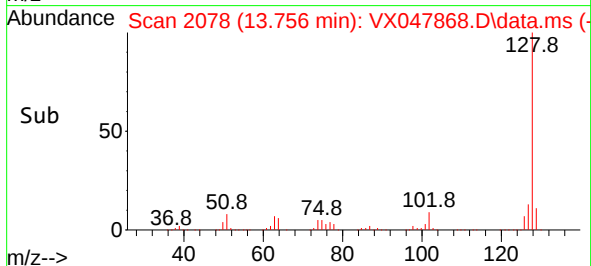
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



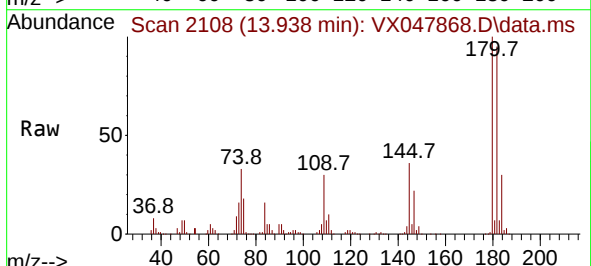
Tgt Ion:128 Resp: 44795
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.248 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047868.D
Acq: 29 Sep 2025 08:59



Tgt Ion:180 Resp: 132359
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 35.2 17.9 53.7

