

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	169040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	276640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	117957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	120862	44.919	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.367	113	97393	52.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.980%		
50) Toluene-d8	8.629	98	322232	50.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.061	95	117851	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	102188	58.379	ug/l	100
3) Chloromethane	1.301	50	107487	46.722	ug/l	99
4) Vinyl Chloride	1.380	62	116812	51.871	ug/l	100
5) Bromomethane	1.612	94	71155	49.828	ug/l	97
6) Chloroethane	1.691	64	75094	49.891	ug/l	100
7) Trichlorofluoromethane	1.892	101	184667	55.228	ug/l	100
8) Diethyl Ether	2.130	74	65241	47.697	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	111026	56.786	ug/l	99
10) Methyl Iodide	2.453	142	131030	42.971	ug/l	98
11) Tert butyl alcohol	2.941	59	59488	198.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	101569	50.573	ug/l	99
13) Acrolein	2.233	56	73448	265.969	ug/l	99
14) Allyl chloride	2.660	41	186517	45.005	ug/l	98
15) Acrylonitrile	3.050	53	265215	238.932	ug/l	99
16) Acetone	2.368	43	288946	246.979	ug/l	100
17) Carbon Disulfide	2.514	76	256423	46.638	ug/l	99
18) Methyl Acetate	2.697	43	134266	51.568	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	345346	47.105	ug/l	99
20) Methylene Chloride	2.782	84	117793	47.566	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	105309	48.703	ug/l	97
22) Diisopropyl ether	3.745	45	389459	48.489	ug/l	94
23) Vinyl Acetate	3.709	43	1501578	233.591	ug/l	99
24) 1,1-Dichloroethane	3.599	63	211216	49.477	ug/l	98
25) 2-Butanone	4.526	43	334930	229.510	ug/l	96
26) 2,2-Dichloropropane	4.459	77	177527	50.027	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	126753	47.867	ug/l	99
28) Bromochloromethane	4.873	49	92864	49.828	ug/l	99
29) Tetrahydrofuran	4.977	42	186717	212.686	ug/l	99
30) Chloroform	5.068	83	211869	49.113	ug/l	99
31) Cyclohexane	5.452	56	162560	45.720	ug/l	97
32) 1,1,1-Trichloroethane	5.355	97	184962	50.548	ug/l	99
36) 1,1-Dichloropropene	5.672	75	135311	49.911	ug/l	99
37) Ethyl Acetate	4.690	43	131315	45.238	ug/l	99
38) Carbon Tetrachloride	5.654	117	158503	53.810	ug/l	98
39) Methylcyclohexane	7.361	83	155729	50.604	ug/l	98
40) Benzene	6.013	78	413003	50.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	74863	49.957	ug/l	98
42) 1,2-Dichloroethane	6.062	62	153262	48.919	ug/l	98
43) Isopropyl Acetate	6.312	43	222292	46.693	ug/l	100
44) Trichloroethene	7.104	130	101790	51.133	ug/l	94
45) 1,2-Dichloropropane	7.409	63	109279	51.829	ug/l	99
46) Dibromomethane	7.562	93	76086	49.590	ug/l	99
47) Bromodichloromethane	7.799	83	167889	53.026	ug/l	99
48) Methyl methacrylate	7.671	41	108787	45.876	ug/l	98
49) 1,4-Dioxane	7.641	88	27008	1126.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	631502	239.248	ug/l	99
52) Toluene	8.702	92	251838	49.643	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	159240	49.308	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	173552	50.278	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	98329	50.267	ug/l	99
56) Ethyl methacrylate	9.098	69	146299	47.623	ug/l	99
57) 1,3-Dichloropropane	9.287	76	167707	49.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	384363	261.089	ug/l	99
59) 2-Hexanone	9.409	43	441826	233.065	ug/l	99
60) Dibromochloromethane	9.500	129	120589	53.502	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100772	50.578	ug/l	97
64) Tetrachloroethene	9.257	164	79177	50.617	ug/l	96
65) Chlorobenzene	10.061	112	276694	50.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	100969	53.676	ug/l	100
67) Ethyl Benzene	10.177	91	477713	50.790	ug/l	99
68) m/p-Xylenes	10.281	106	357562	102.135	ug/l	100
69) o-Xylene	10.622	106	170862	50.459	ug/l	99
70) Styrene	10.634	104	299383	50.459	ug/l	99
71) Bromoform	10.781	173	75006	53.401	ug/l #	99
73) Isopropylbenzene	10.945	105	451831	50.384	ug/l	99
74) N-amyl acetate	10.823	43	185898	45.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133407	49.169	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	108038m	45.237	ug/l	
77) Bromobenzene	11.177	156	108171	48.975	ug/l	98
78) n-propylbenzene	11.287	91	538617	50.808	ug/l	100
79) 2-Chlorotoluene	11.348	91	320546	49.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	371973	50.486	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	42487	45.367	ug/l	98
82) 4-Chlorotoluene	11.433	91	378575	49.367	ug/l	100
83) tert-Butylbenzene	11.695	119	374448	49.646	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	368716	49.361	ug/l	99
85) sec-Butylbenzene	11.872	105	456705	50.978	ug/l	100
86) p-Isopropyltoluene	11.988	119	381535	50.304	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	199939	48.736	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	200253	47.560	ug/l	99
89) n-Butylbenzene	12.311	91	357046	50.876	ug/l	99
90) Hexachloroethane	12.518	117	71652	53.809	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	192479	49.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25544	46.501	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	119265	46.952	ug/l	98
94) Hexachlorobutadiene	13.707	225	41507	48.107	ug/l	99
95) Naphthalene	13.756	128	346829	44.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	111480	47.179	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

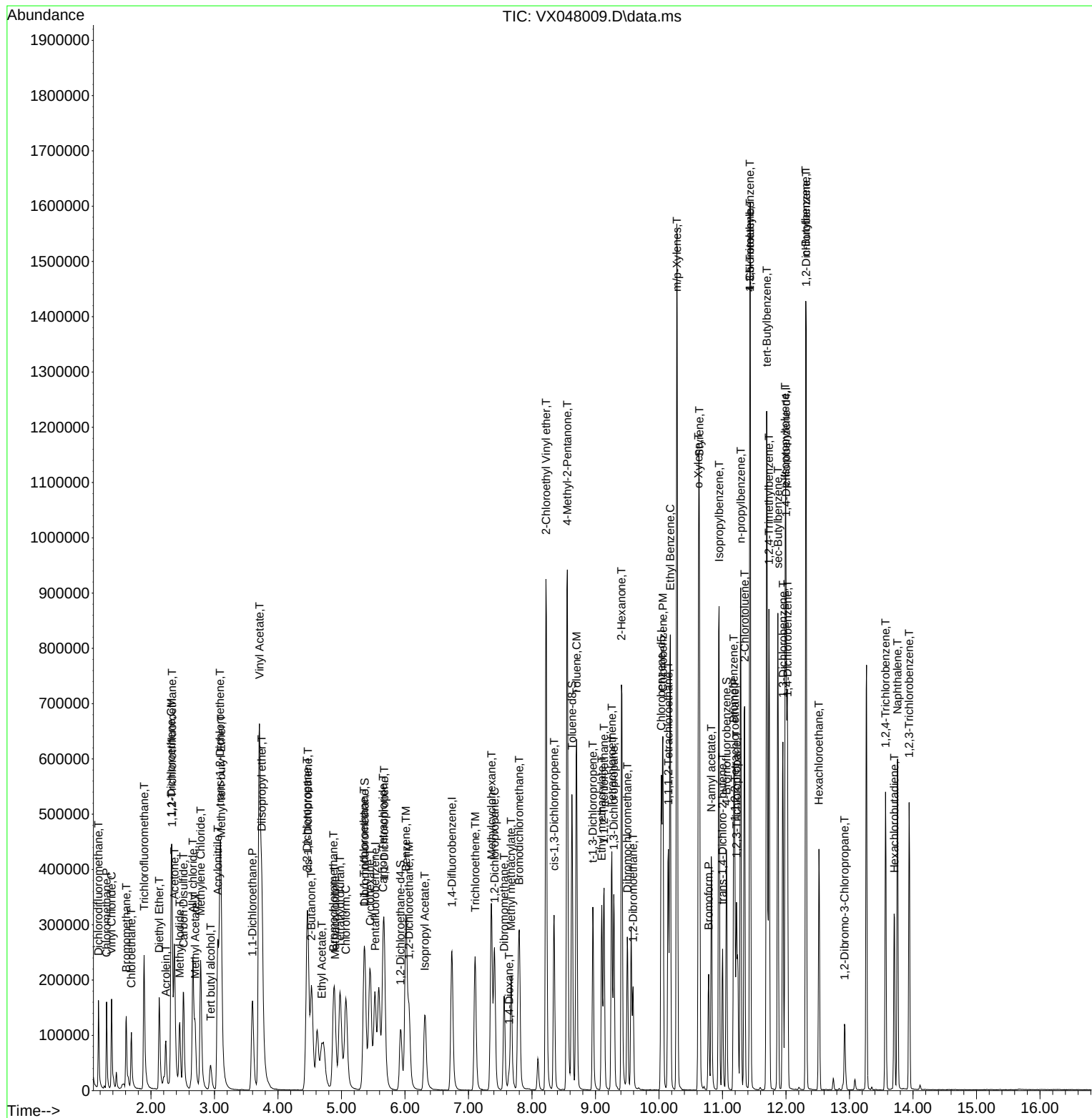
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
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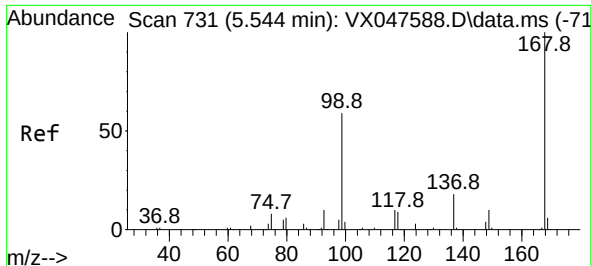
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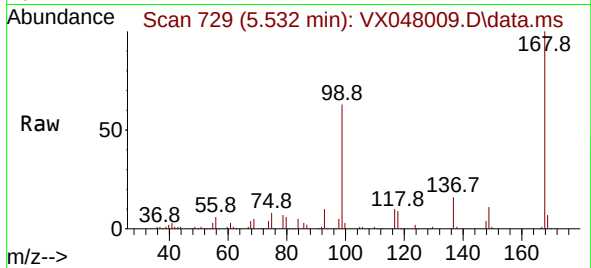
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
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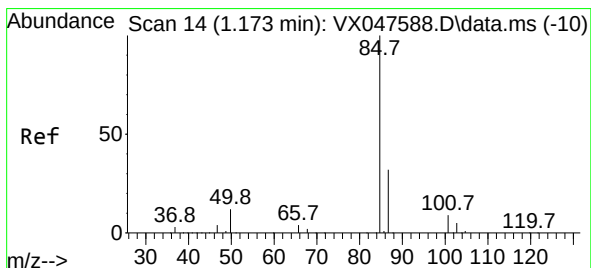
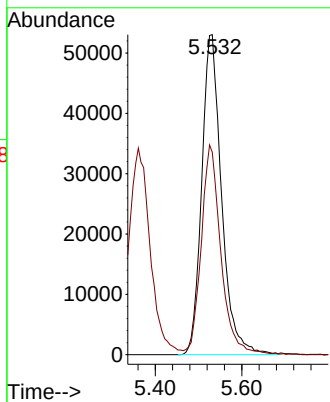
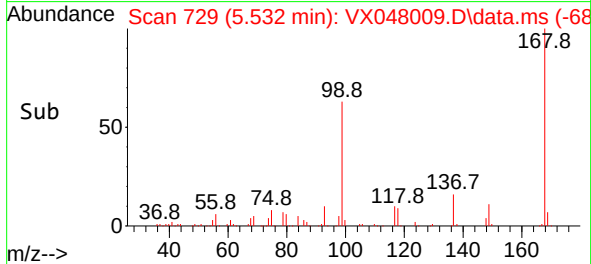
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 169040
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2

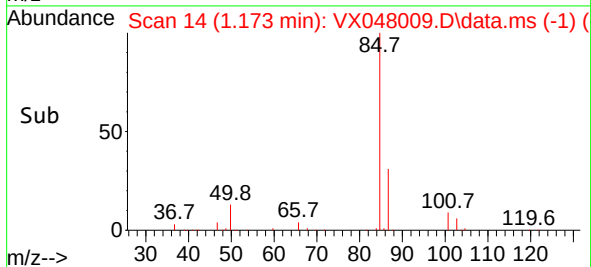
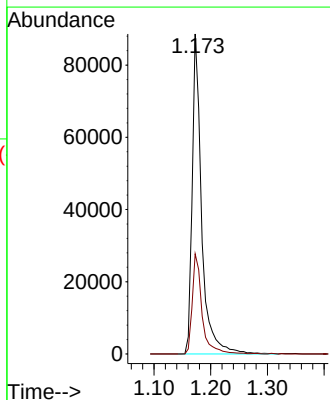
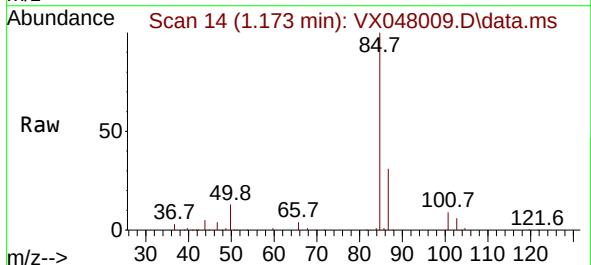
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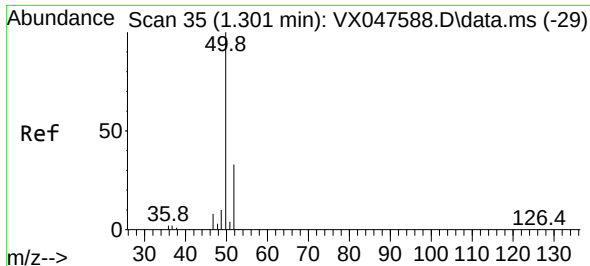
Reviewed By :John Carlone 10/07/2025
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#2
Dichlorodifluoromethane
Concen: 58.379 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 85 Resp: 102188
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.3





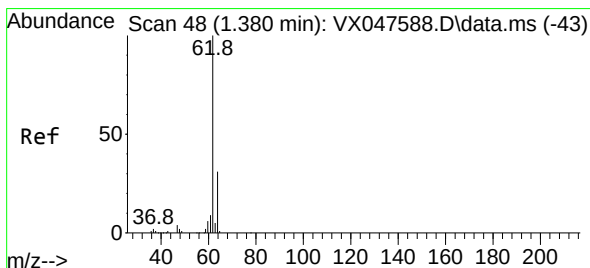
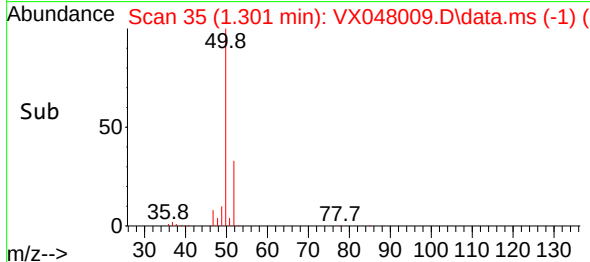
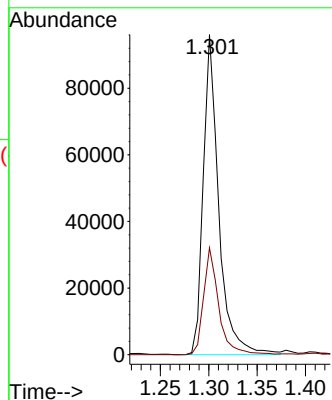
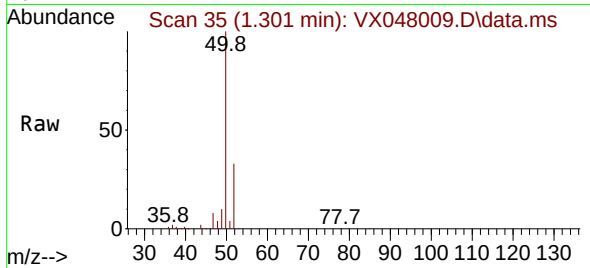
#3
Chloromethane
Concen: 46.722 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

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Tgt Ion: 50 Resp: 10748
Ion Ratio Lower Upper
50 100
52 33.4 26.1 39.1

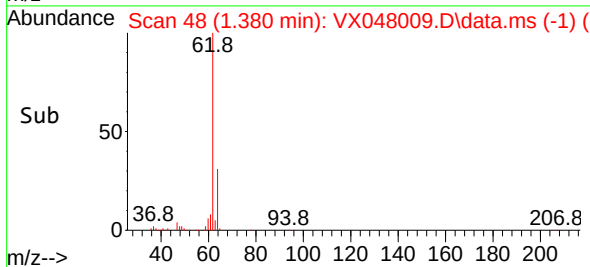
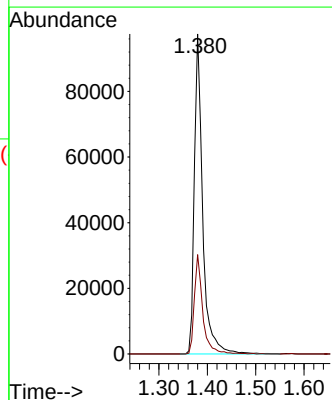
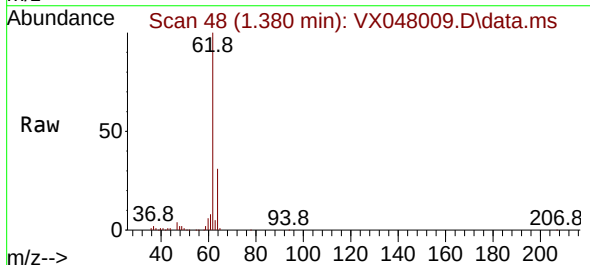
Manual Integrations
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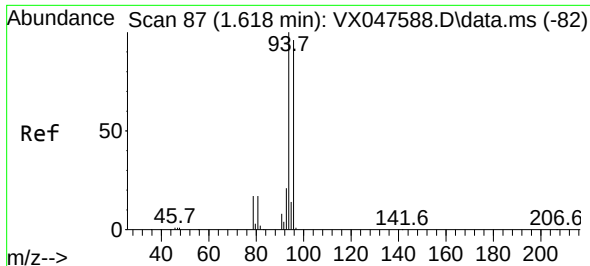
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#4
Vinyl Chloride
Concen: 51.871 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

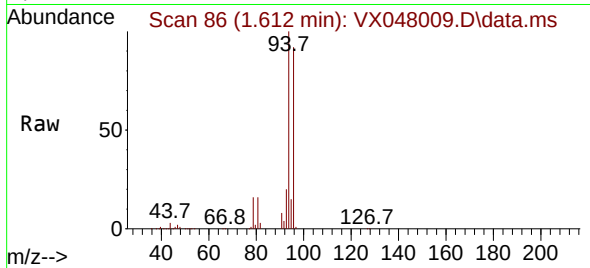
Tgt Ion: 62 Resp: 116812
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5
Bromomethane
Concen: 49.828 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048009.D
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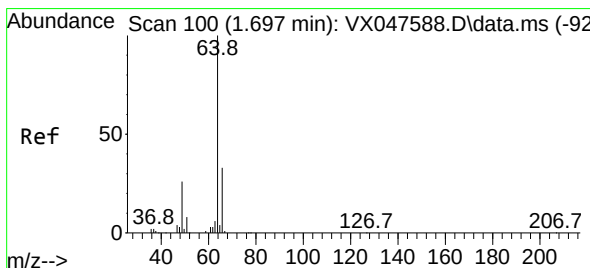
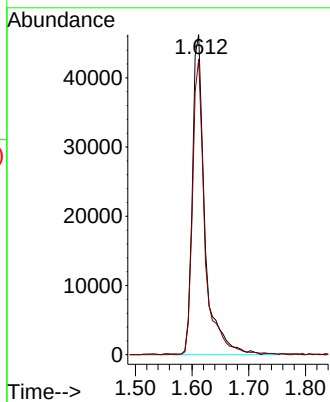
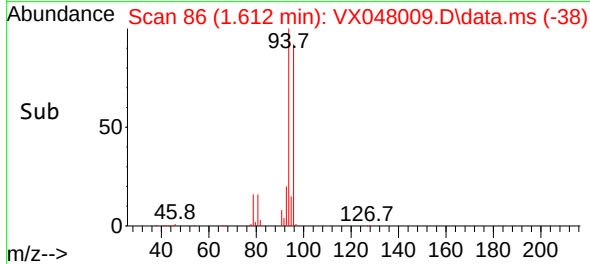
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Tgt Ion: 94 Resp: 7115
Ion Ratio Lower Upper
94 100
96 92.4 76.6 115.0

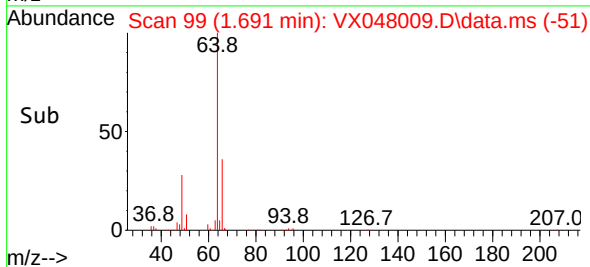
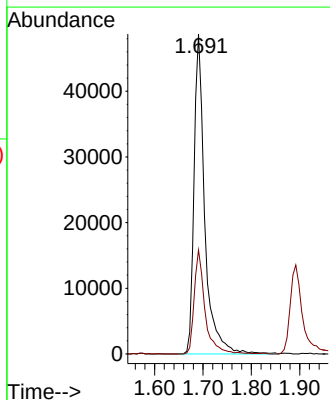
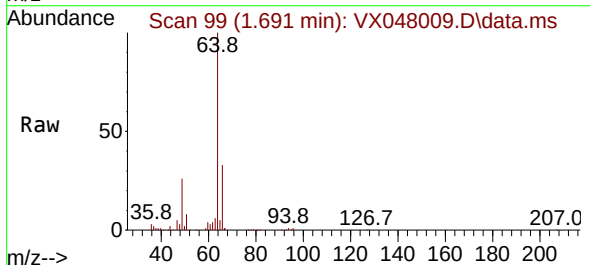
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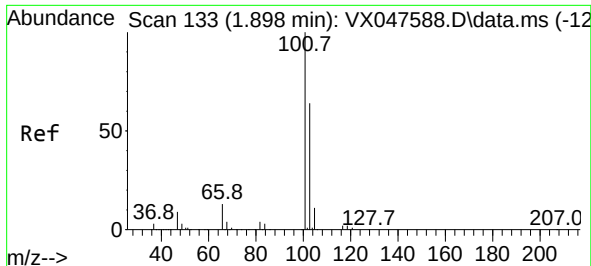
Reviewed By :John Carlone 10/07/2025
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#6
Chloroethane
Concen: 49.891 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048009.D
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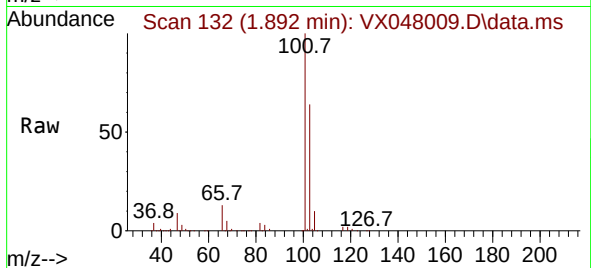
Tgt Ion: 64 Resp: 75094
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1





#7
Trichlorofluoromethane
Concen: 55.228 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

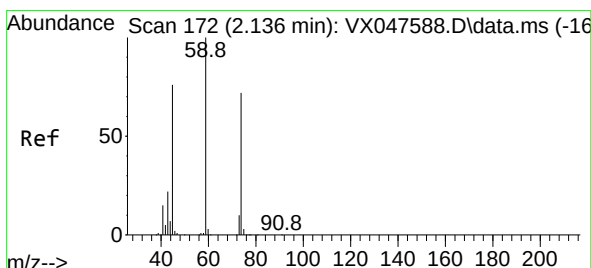
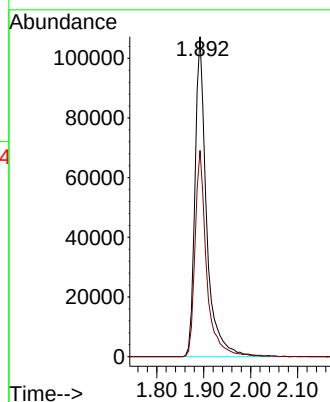
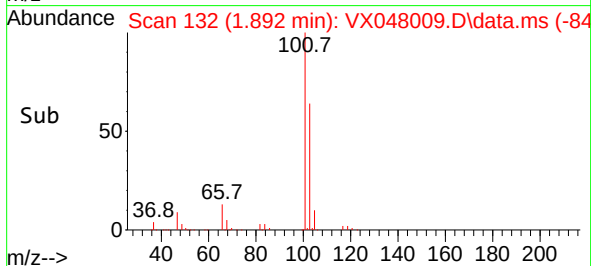
Instrument :
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Tgt Ion:101 Resp: 18466
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

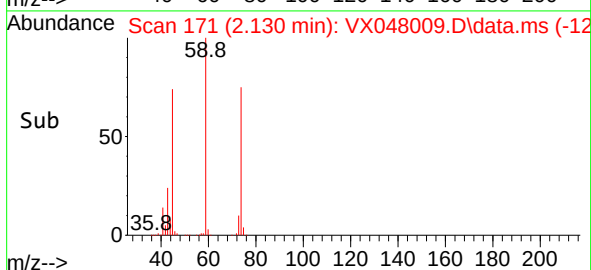
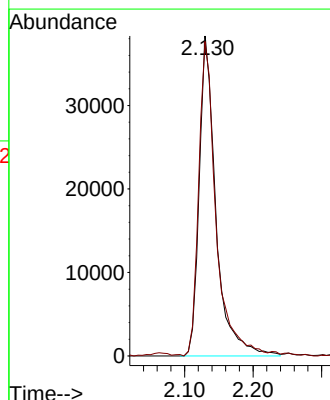
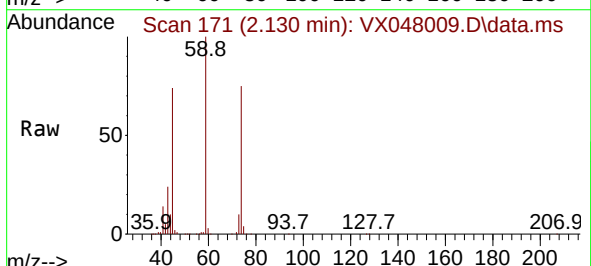
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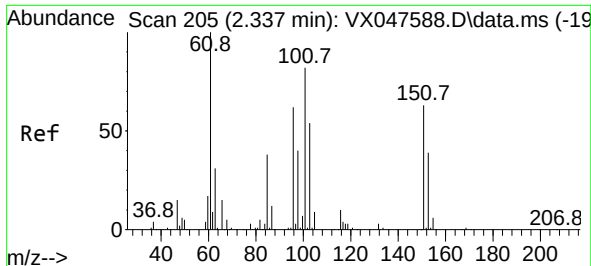
Reviewed By :John Carlone 10/07/2025
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#8
Diethyl Ether
Concen: 47.697 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 74 Resp: 65241
Ion Ratio Lower Upper
74 100
45 99.7 52.3 156.8





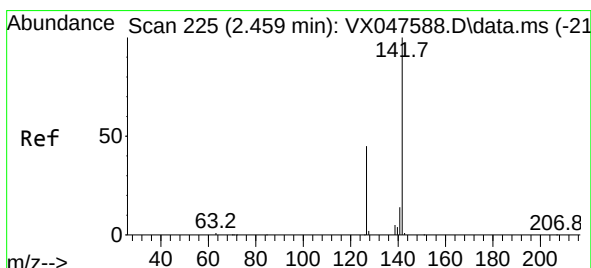
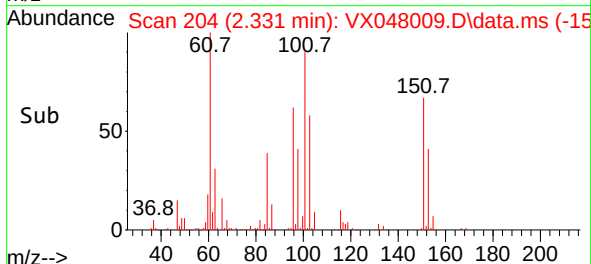
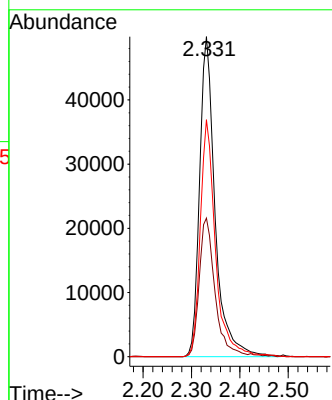
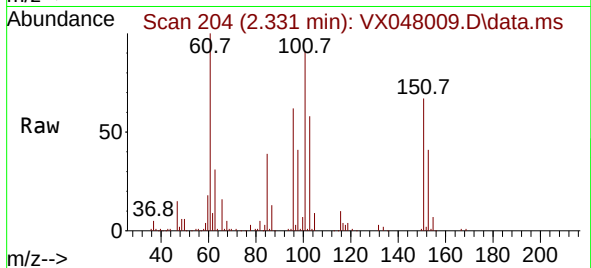
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.786 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 111020
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 72.9 59.4 89.0

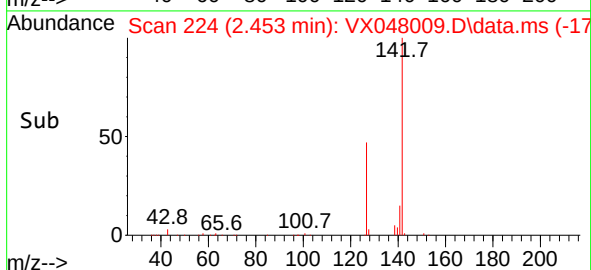
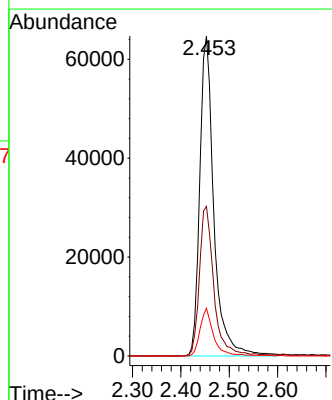
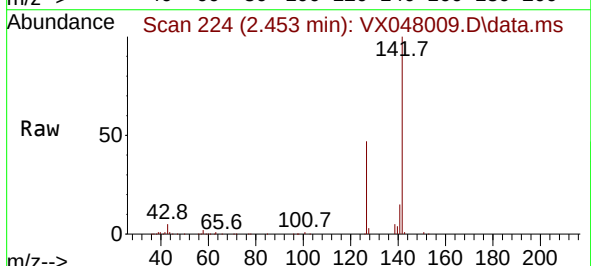
Manual Integrations
APPROVED

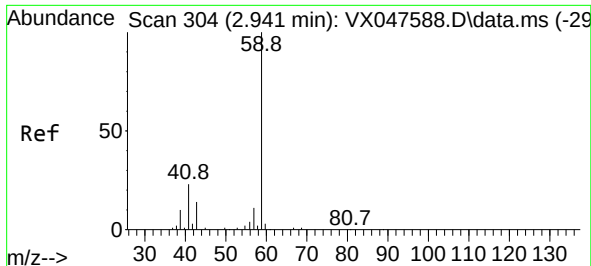
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#10
Methyl Iodide
Concen: 42.971 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

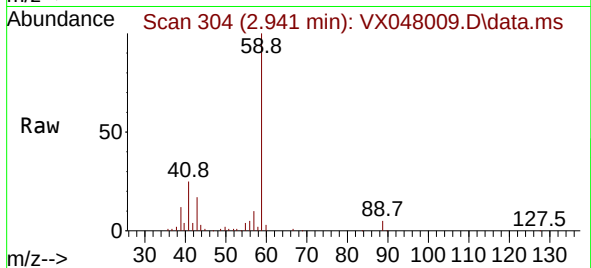
Tgt Ion:142 Resp: 131030
Ion Ratio Lower Upper
142 100
127 48.1 37.2 55.8
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 198.511 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

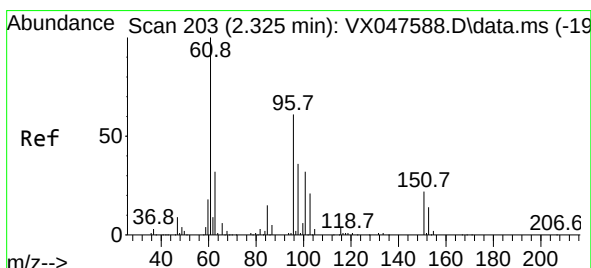
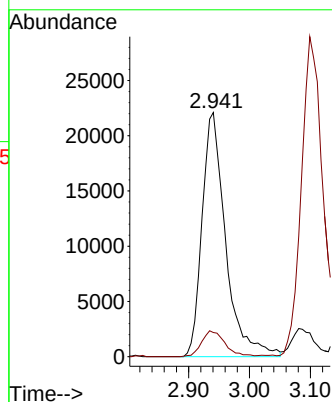
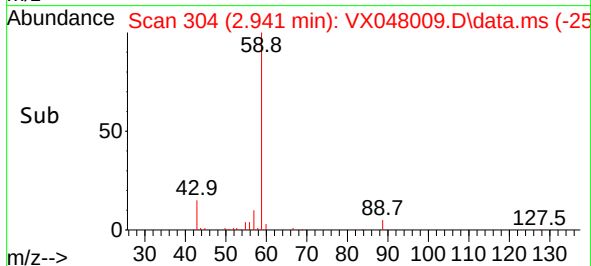
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



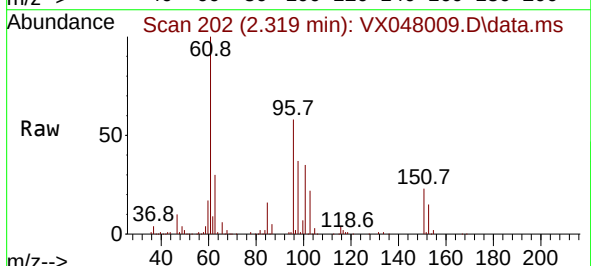
Tgt Ion: 59 Resp: 5948
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

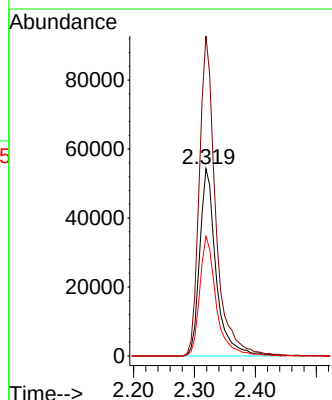
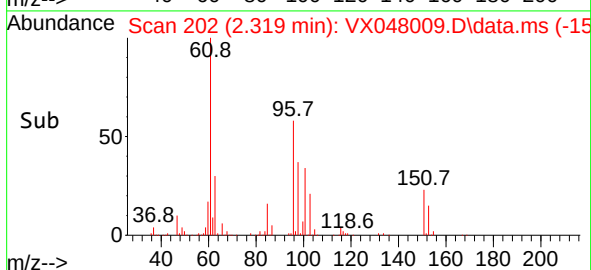
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

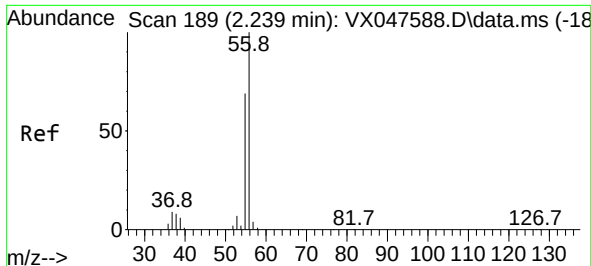


#12
1,1-Dichloroethene
Concen: 50.573 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



Tgt Ion: 96 Resp: 101569
Ion Ratio Lower Upper
96 100
61 164.2 131.0 196.6
98 61.3 47.7 71.5





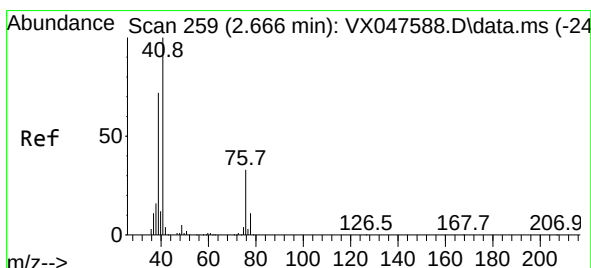
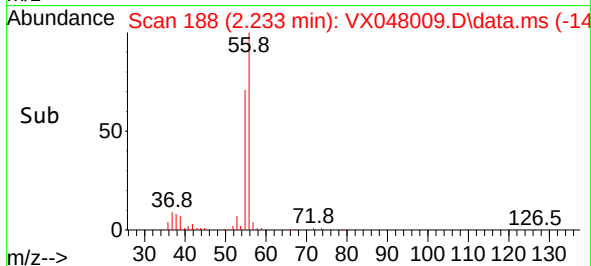
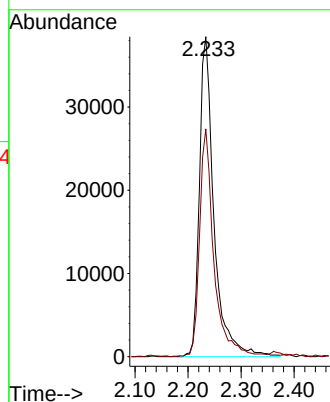
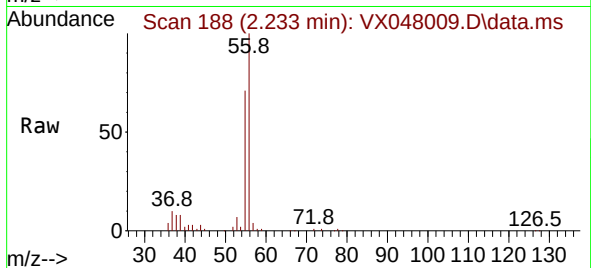
#13
Acrolein
Concen: 265.969 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7344
Ion Ratio Lower Upper
56 100
55 70.4 57.2 85.8

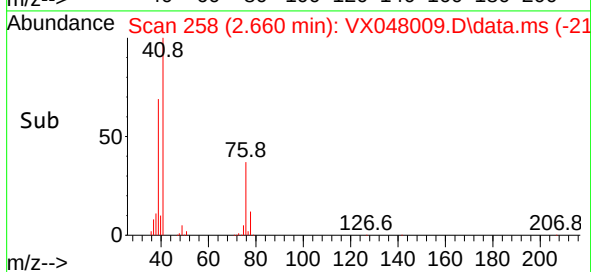
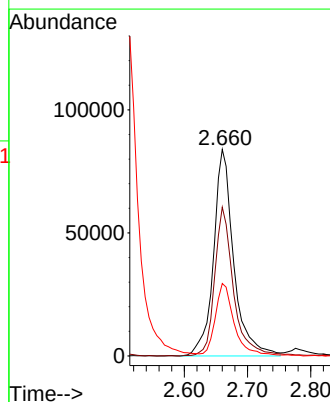
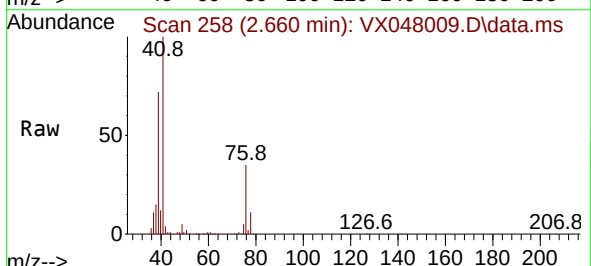
Manual Integrations
APPROVED

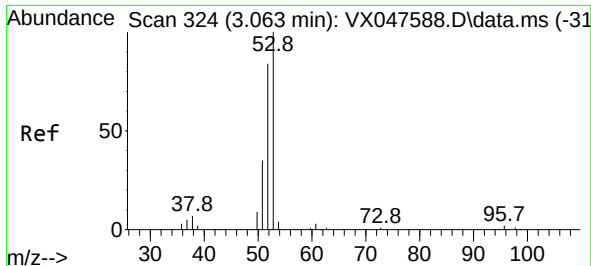
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#14
Allyl chloride
Concen: 45.005 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

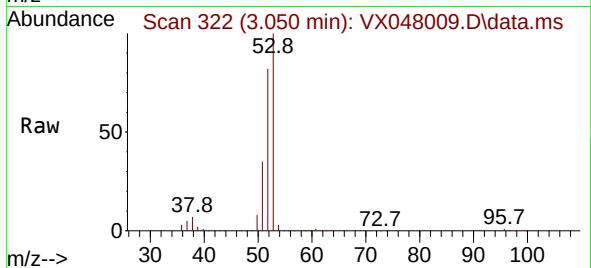
Tgt Ion: 41 Resp: 186517
Ion Ratio Lower Upper
41 100
39 67.1 54.7 82.1
76 33.2 25.7 38.5





#15
Acrylonitrile
Concen: 238.932 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

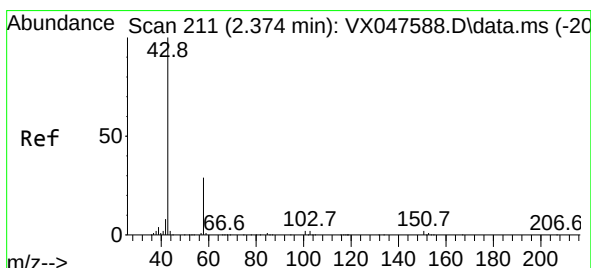
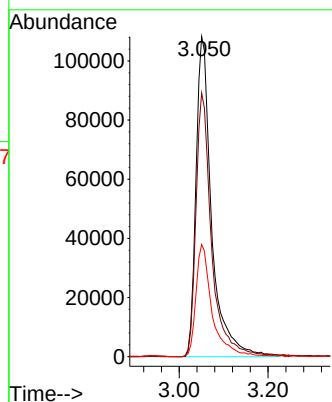
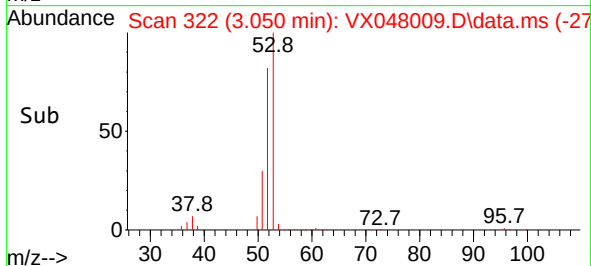
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 265215
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.4 29.5 44.3

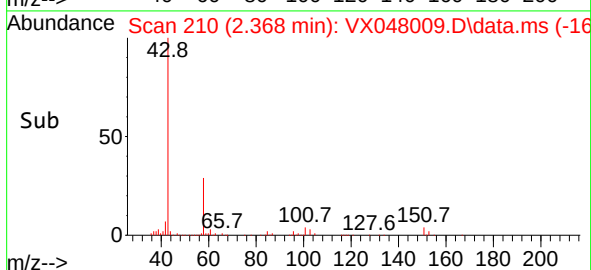
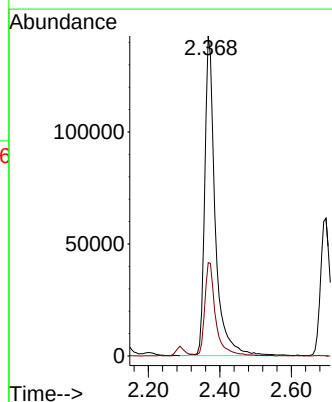
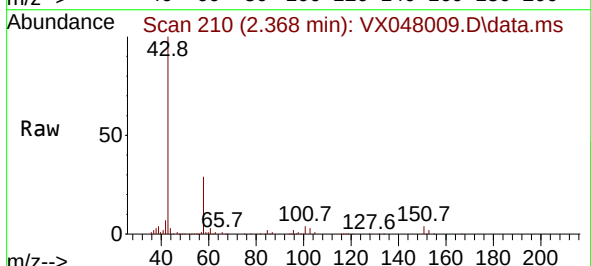
Manual Integrations
APPROVED

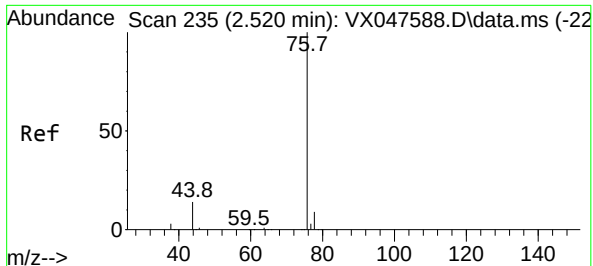
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#16
Acetone
Concen: 246.979 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 43 Resp: 288946
Ion Ratio Lower Upper
43 100
58 29.1 23.4 35.0





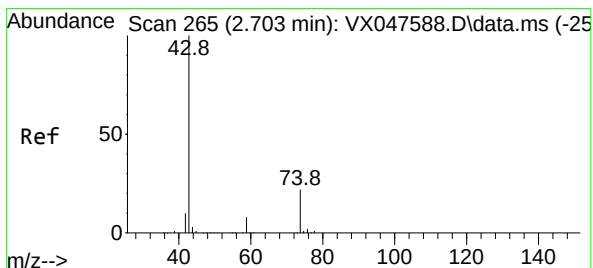
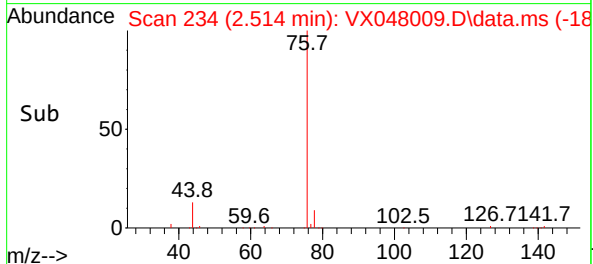
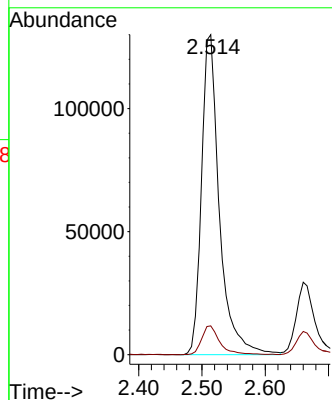
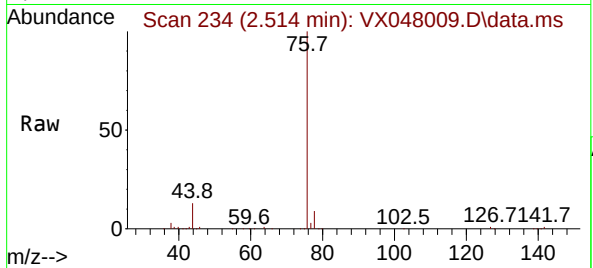
#17
Carbon Disulfide
Concen: 46.638 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25642
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

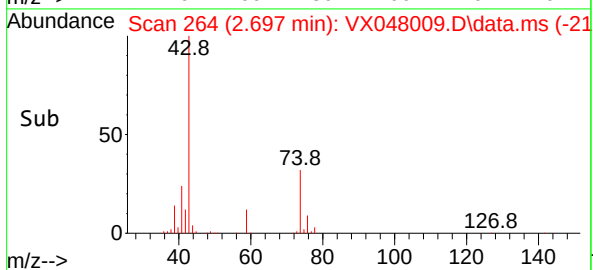
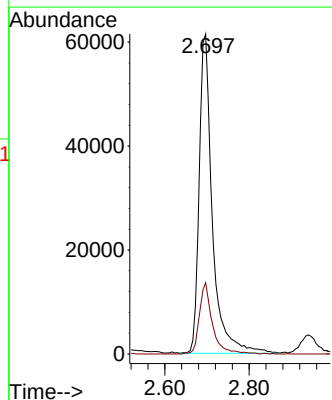
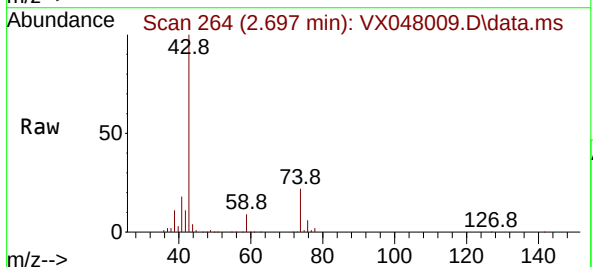
Manual Integrations
APPROVED

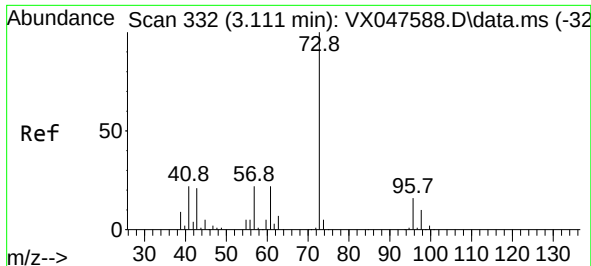
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#18
Methyl Acetate
Concen: 51.568 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

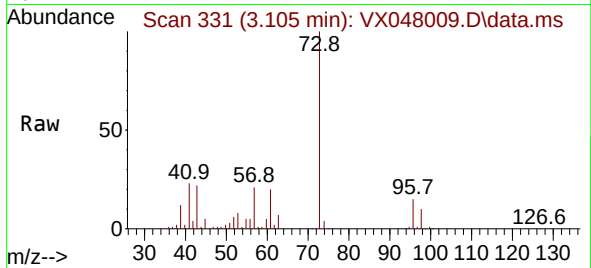
Tgt Ion: 43 Resp: 134266
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 47.105 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

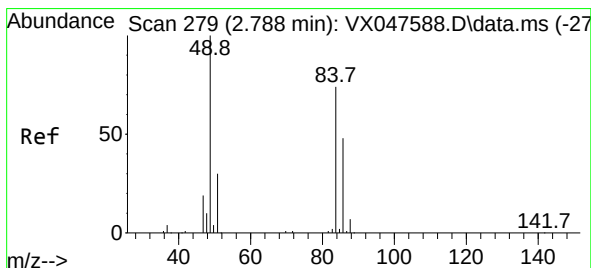
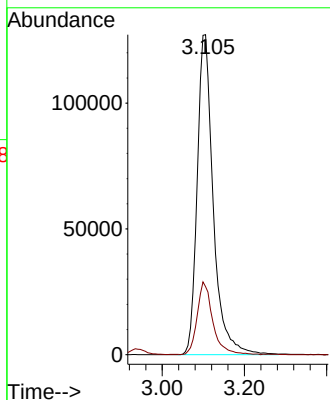
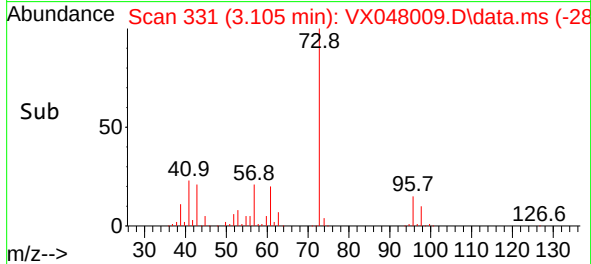
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 345340
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

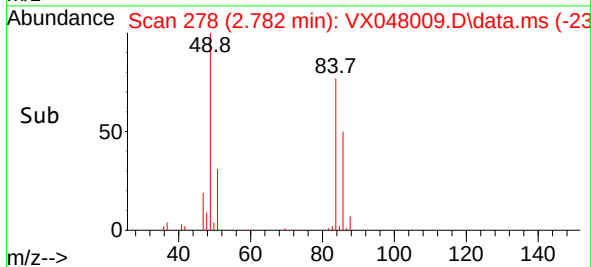
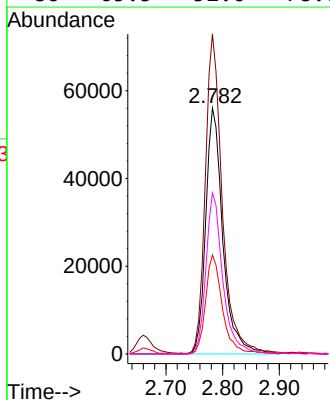
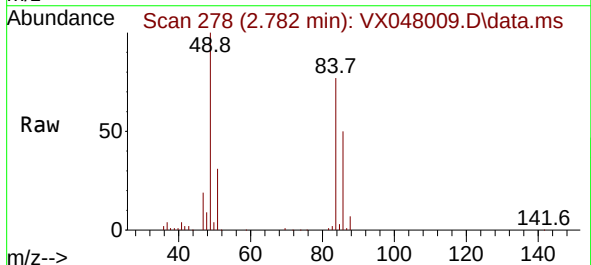
Manual Integrations
APPROVED

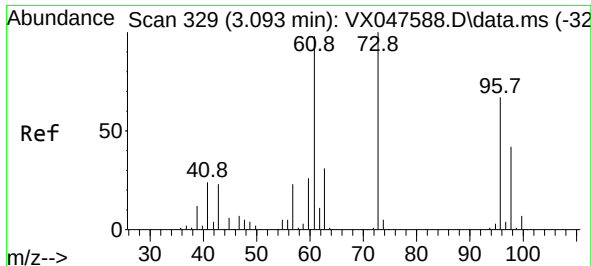
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#20
Methylene Chloride
Concen: 47.566 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

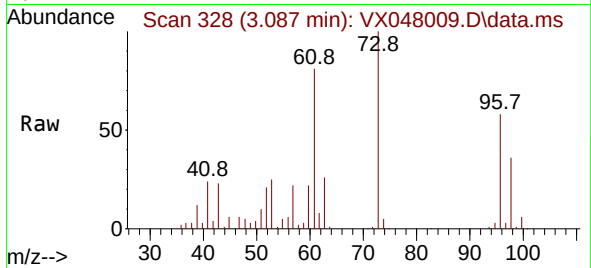
Tgt Ion: 84 Resp: 117793
Ion Ratio Lower Upper
84 100
49 129.9 108.6 162.8
51 40.3 32.6 48.8
86 65.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 48.703 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

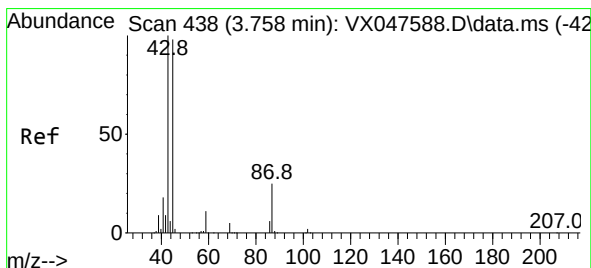
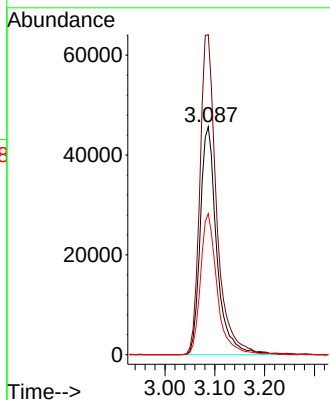
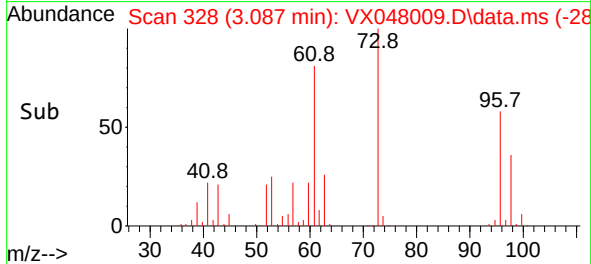
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



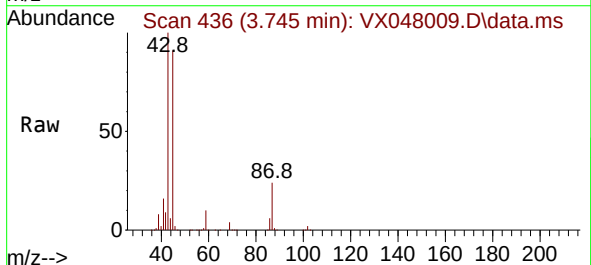
Tgt Ion: 96 Resp: 105309
Ion Ratio Lower Upper
96 100
61 140.3 116.2 174.2
98 61.8 49.3 73.9

Manual Integrations
APPROVED

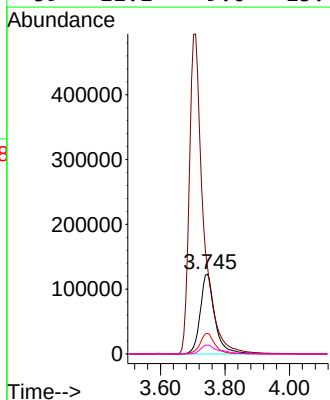
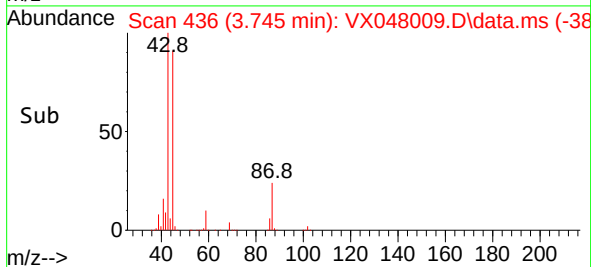
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

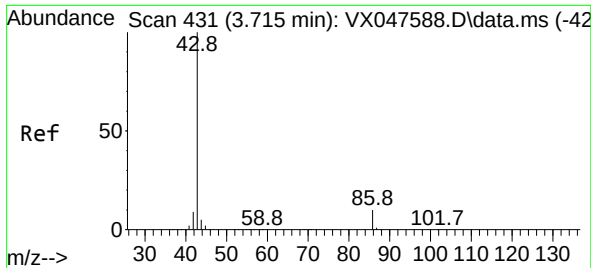


#22
Diisopropyl ether
Concen: 48.489 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



Tgt Ion: 45 Resp: 389459
Ion Ratio Lower Upper
45 100
43 109.1 81.0 121.4
87 25.9 20.3 30.5
59 11.1 9.0 13.4





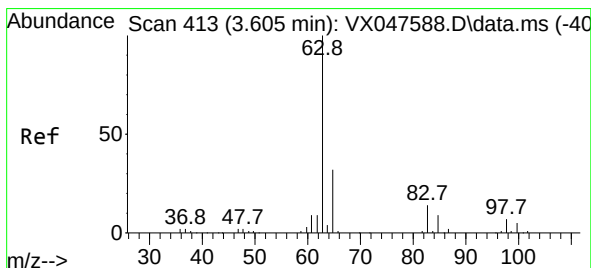
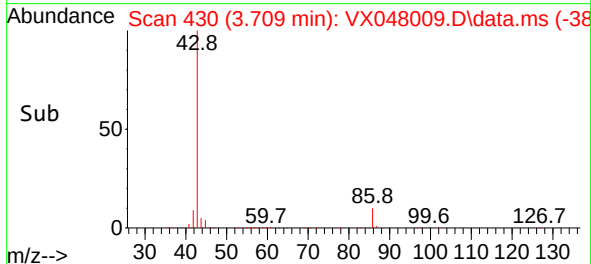
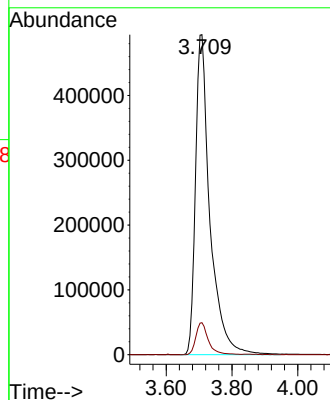
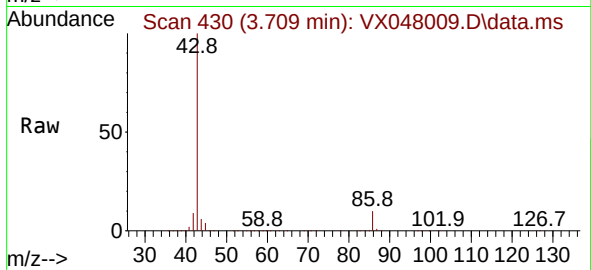
#23
 Vinyl Acetate
 Concen: 233.591 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048009.D
 Acq: 06 Oct 2025 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1501578
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

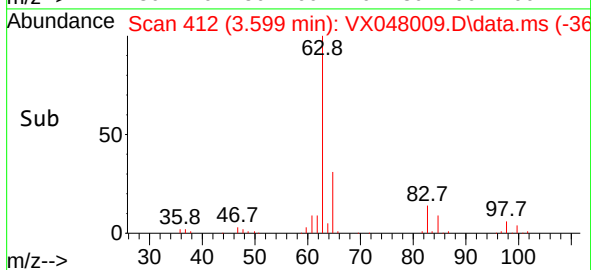
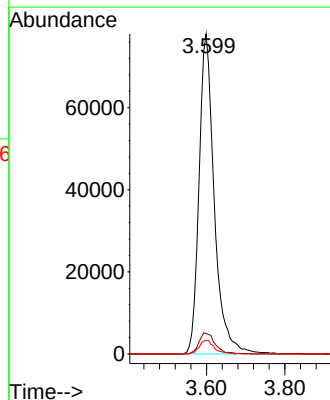
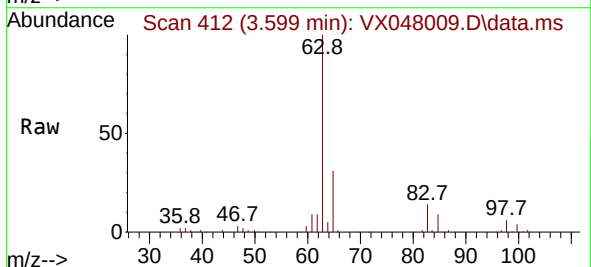
Manual Integrations
 APPROVED

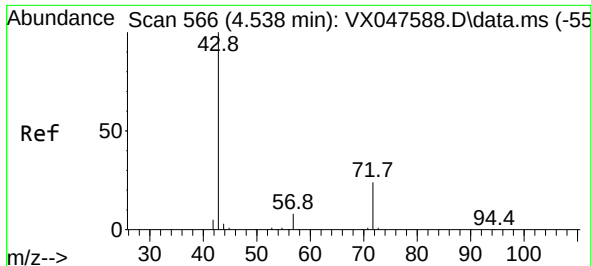
Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025



#24
 1,1-Dichloroethane
 Concen: 49.477 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048009.D
 Acq: 06 Oct 2025 08:54

Tgt Ion: 63 Resp: 211216
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.3 2.3 6.9





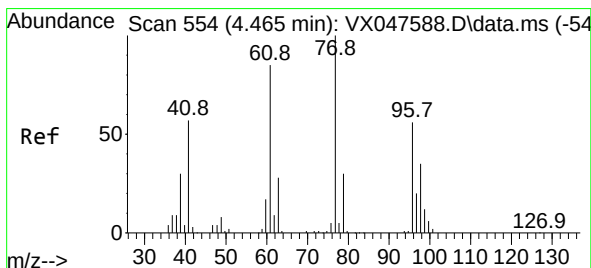
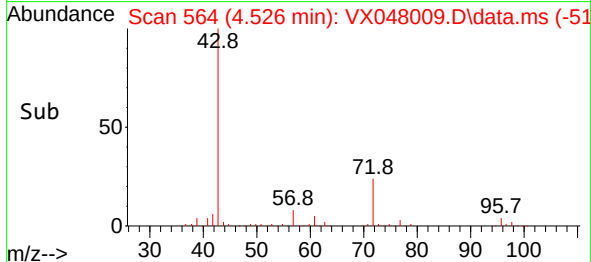
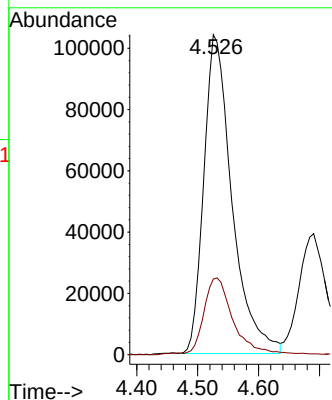
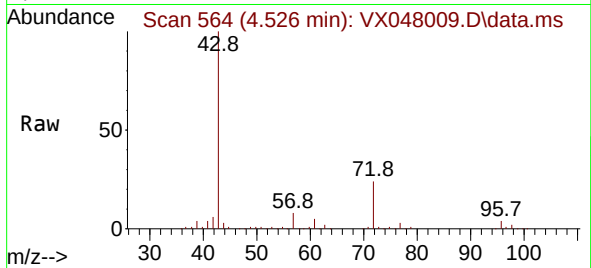
#25
2-Butanone
Concen: 229.510 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 334930
Ion Ratio Lower Upper
43 100
72 23.0 20.1 30.1

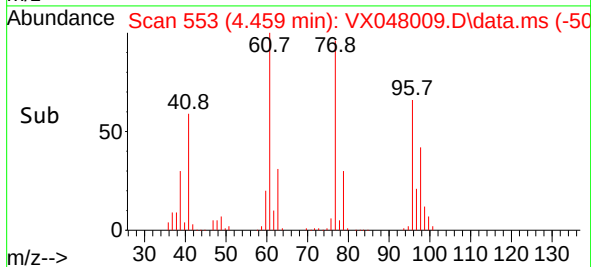
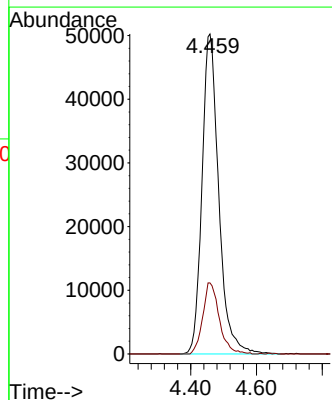
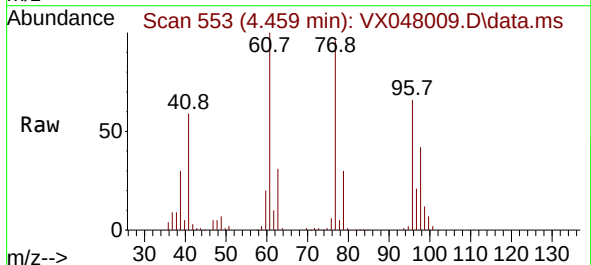
Manual Integrations
APPROVED

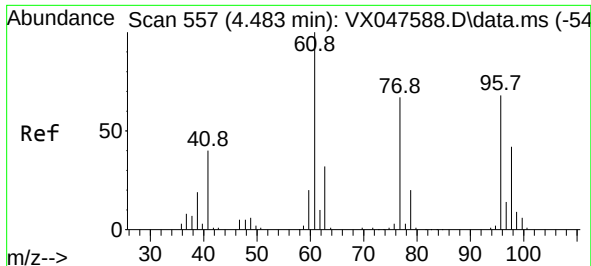
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#26
2,2-Dichloropropane
Concen: 50.027 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 77 Resp: 177527
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 47.867 ug/l

RT: 4.471 min Scan# 511

Delta R.T. -0.012 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 12675

Ion Ratio Lower Upper

96 100

61 149.9 0.0 303.2

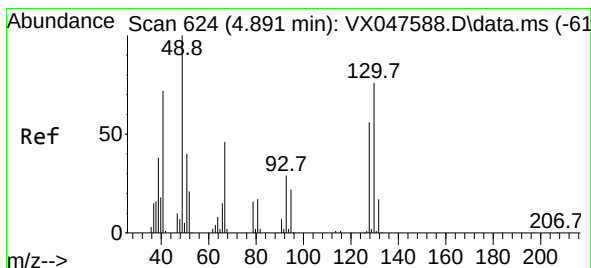
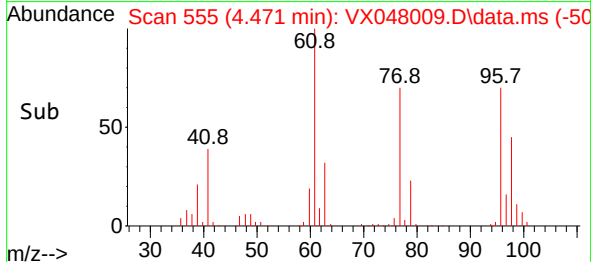
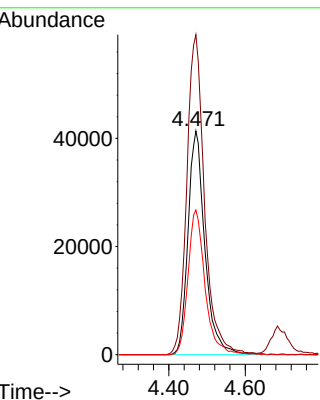
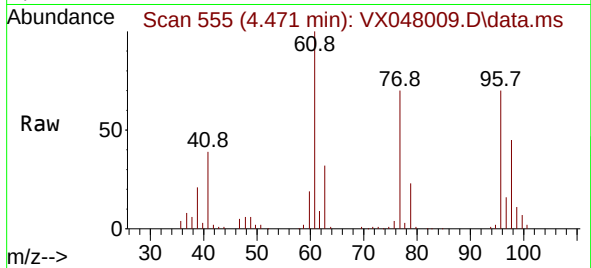
98 65.4 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#28

Bromochloromethane

Concen: 49.828 ug/l

RT: 4.873 min Scan# 621

Delta R.T. -0.018 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

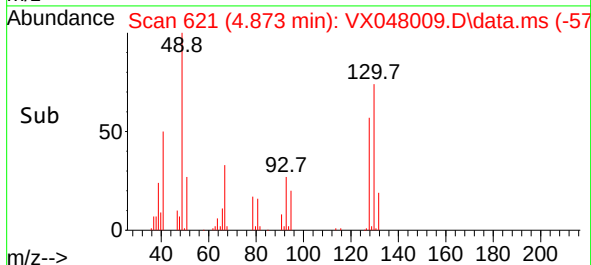
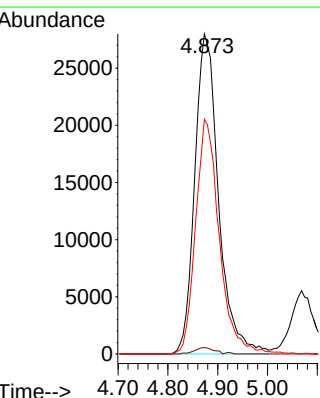
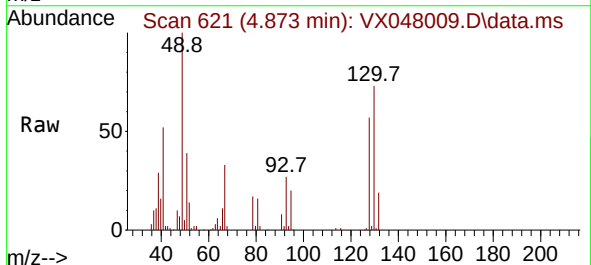
Tgt Ion: 49 Resp: 92864

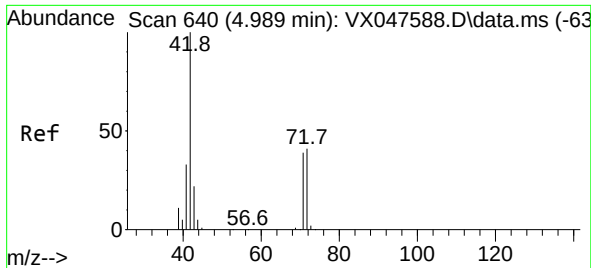
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 73.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 212.686 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18671

Ion Ratio Lower Upper

42 100

72 43.7 34.2 51.2

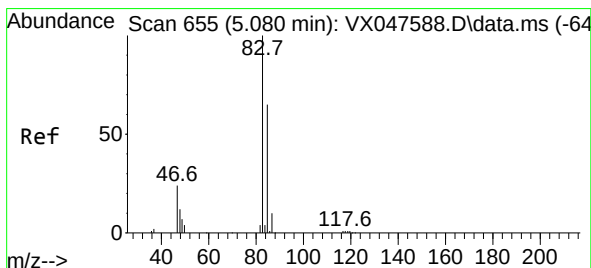
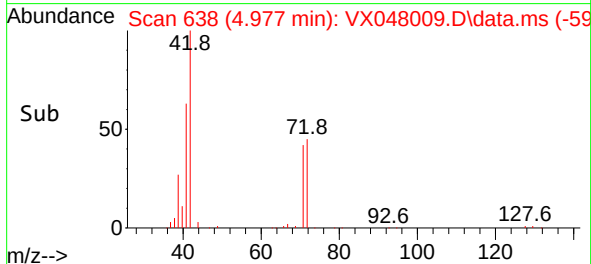
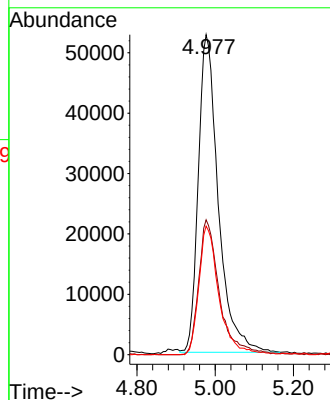
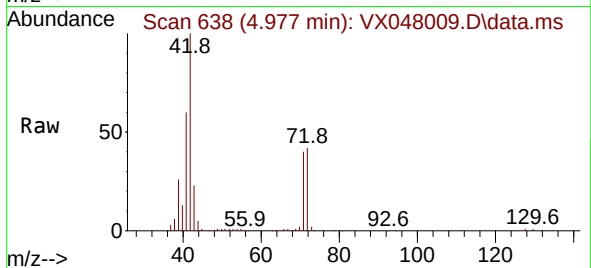
71 40.7 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#30

Chloroform

Concen: 49.113 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048009.D

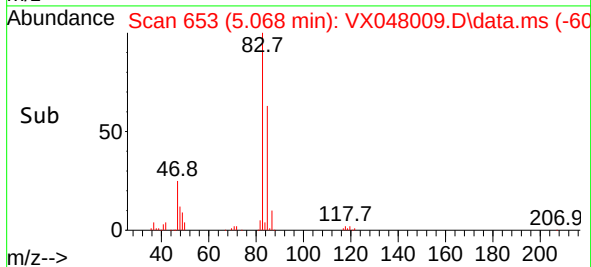
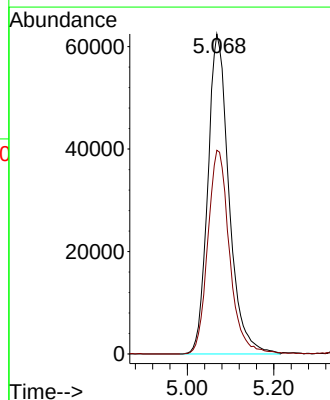
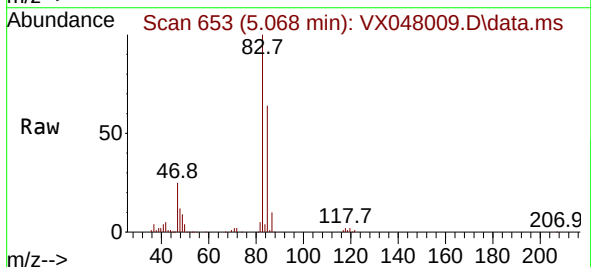
Acq: 06 Oct 2025 08:54

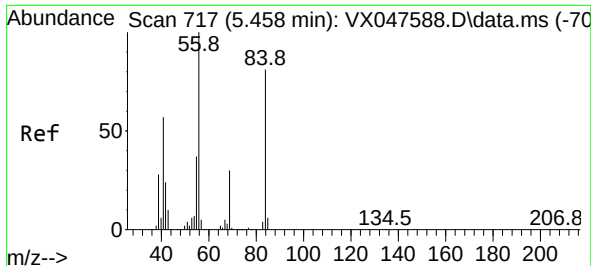
Tgt Ion: 83 Resp: 211869

Ion Ratio Lower Upper

83 100

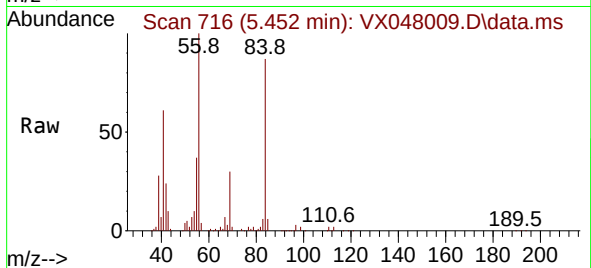
85 63.6 51.8 77.6





#31
Cyclohexane
Concen: 45.720 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

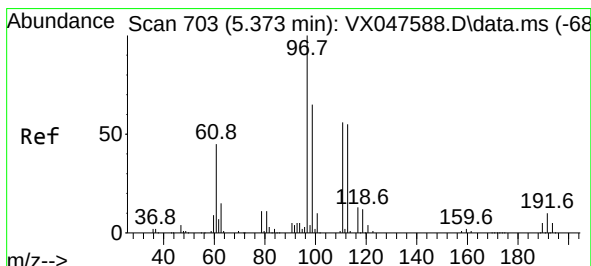
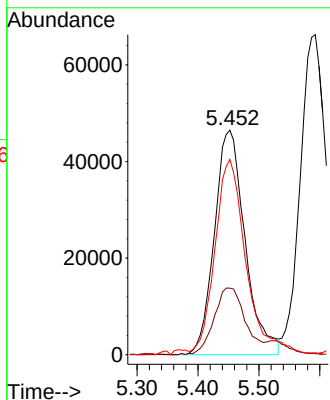
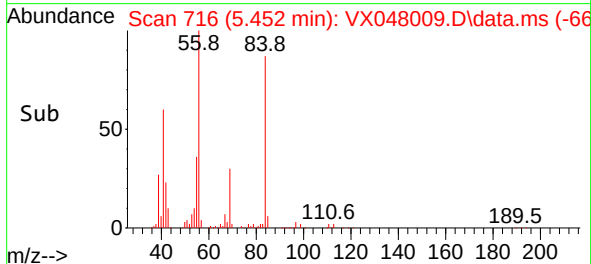
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 162560
Ion Ratio Lower Upper
56 100
69 29.7 23.8 35.8
84 84.7 64.6 97.0

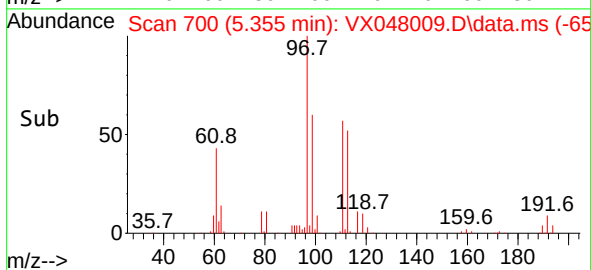
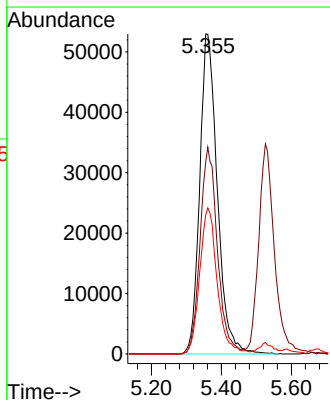
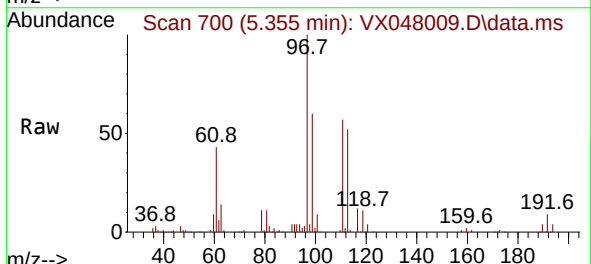
Manual Integrations
APPROVED

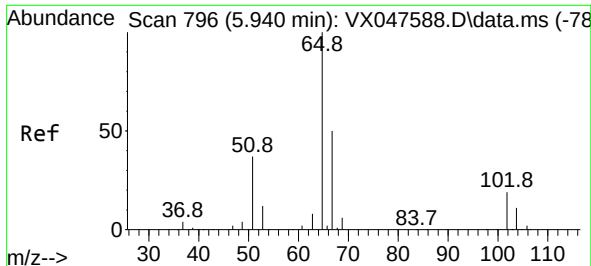
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#32
1,1,1-Trichloroethane
Concen: 50.548 ug/l
RT: 5.355 min Scan# 700
Delta R.T. -0.018 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 97 Resp: 184962
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 45.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 44.919 ug/l

RT: 5.928 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 120862

Ion Ratio Lower Upper

65 100

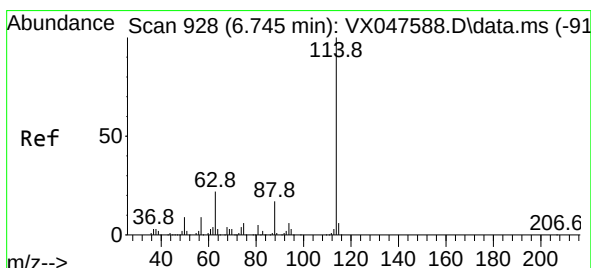
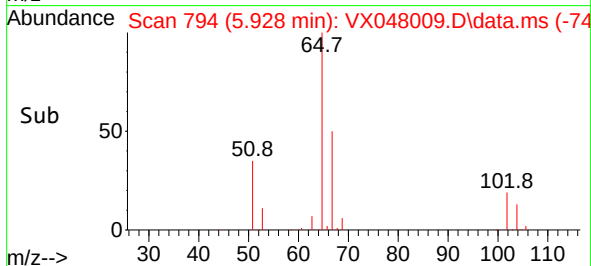
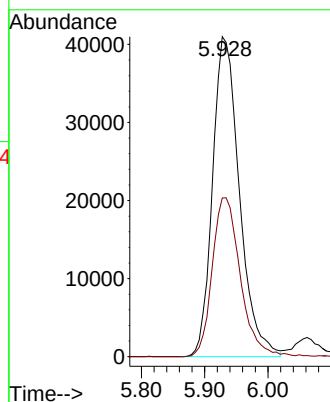
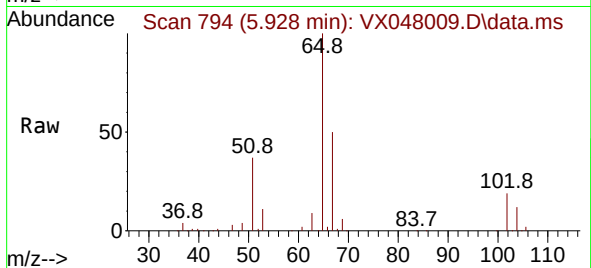
67 51.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

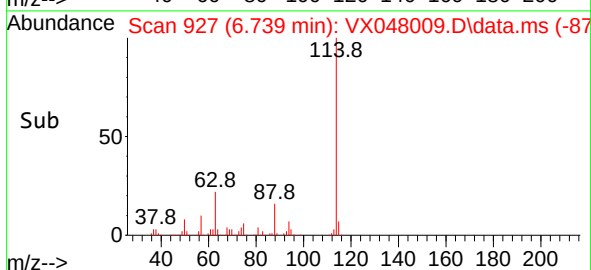
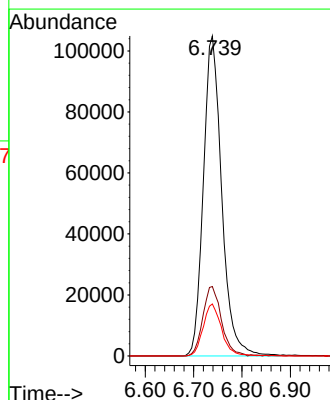
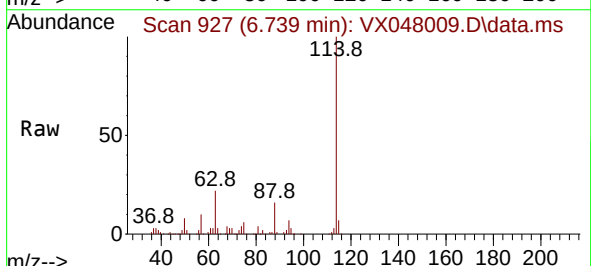
Tgt Ion:114 Resp: 276640

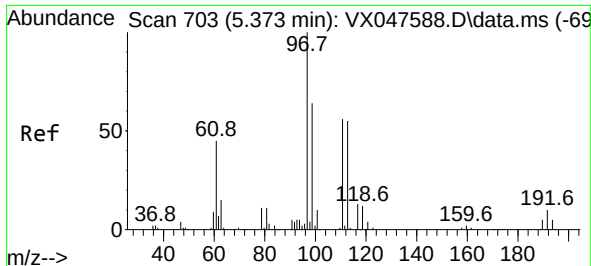
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

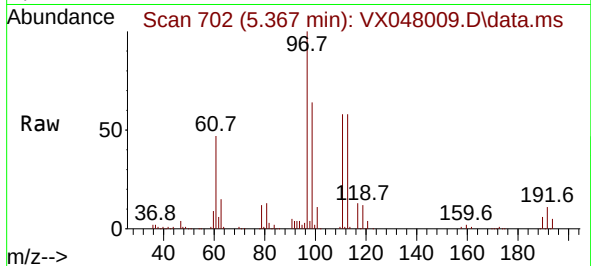
88 16.3 0.0 34.2





#35
Dibromofluoromethane
Concen: 52.494 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

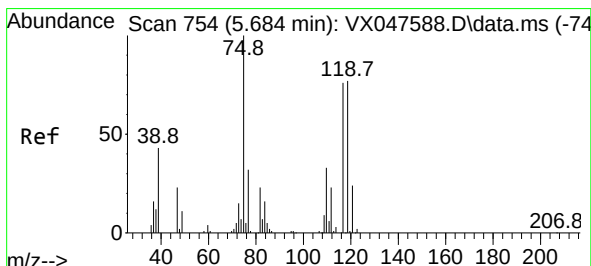
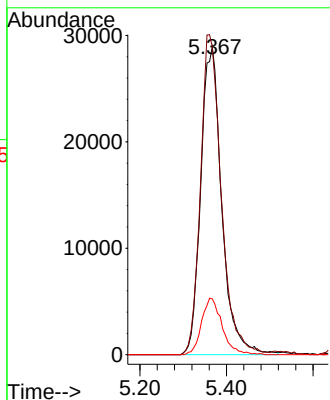
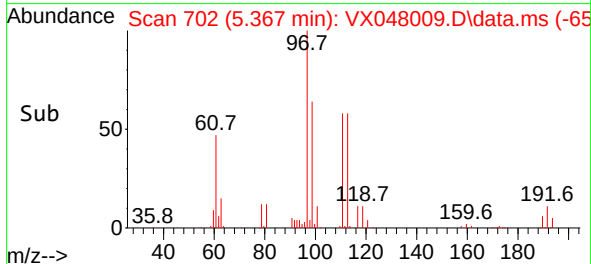
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 9739
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.1 14.2 21.4

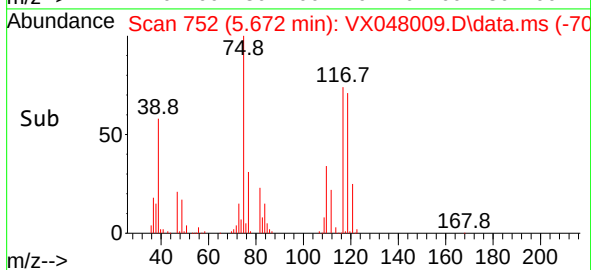
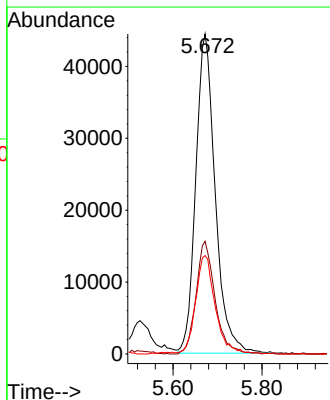
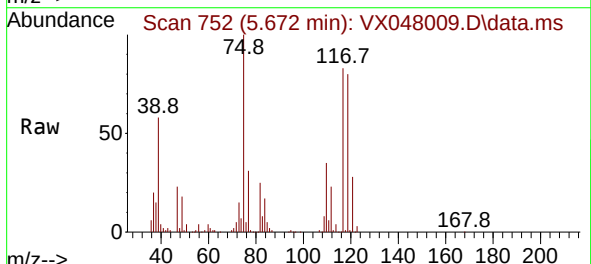
Manual Integrations
APPROVED

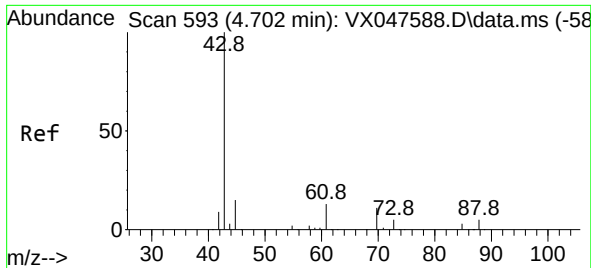
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#36
1,1-Dichloropropene
Concen: 49.911 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

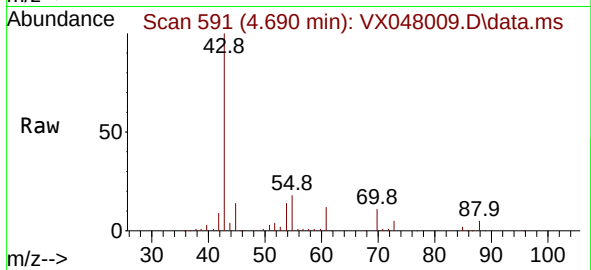
Tgt Ion: 75 Resp: 135311
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.1
77 30.4 24.3 36.5





#37
Ethyl Acetate
Concen: 45.238 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

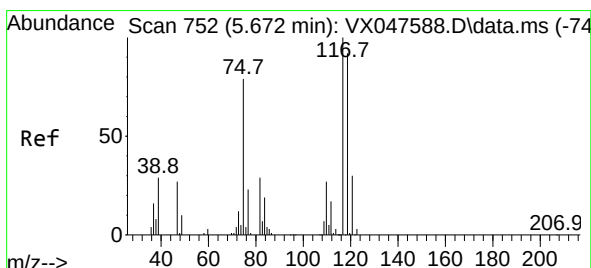
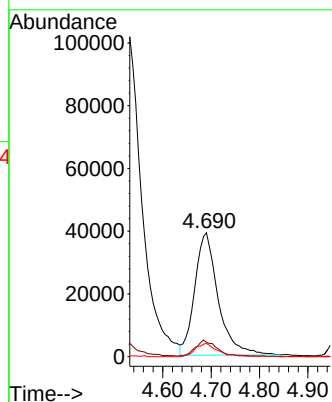
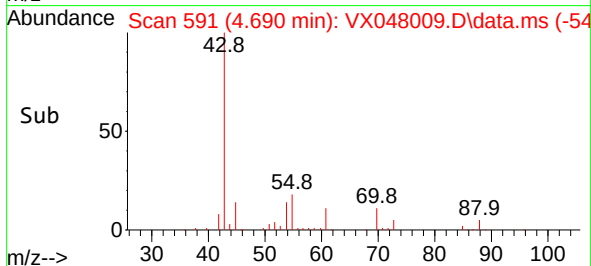
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 131315
Ion Ratio Lower Upper
43 100
61 11.9 9.8 14.8
70 10.5 7.9 11.9

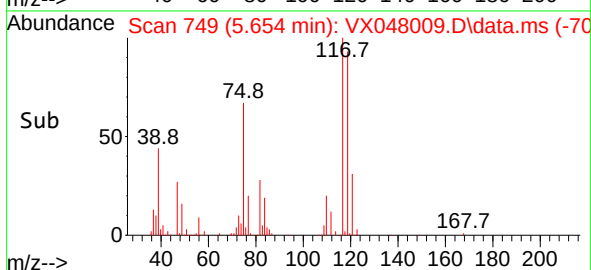
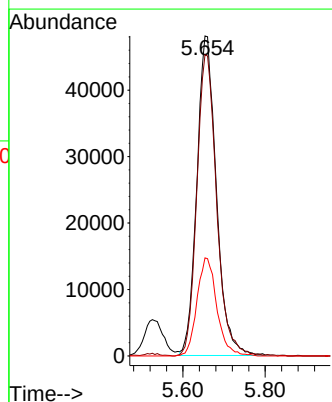
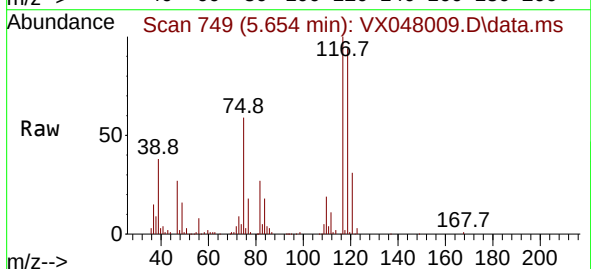
Manual Integrations
APPROVED

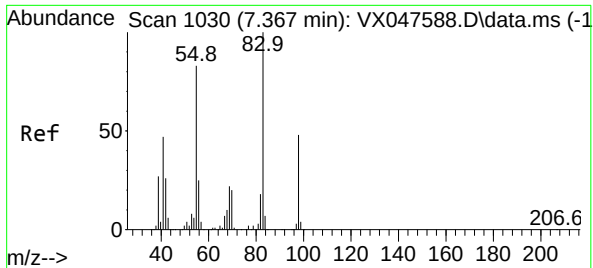
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#38
Carbon Tetrachloride
Concen: 53.810 ug/l
RT: 5.654 min Scan# 749
Delta R.T. -0.018 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

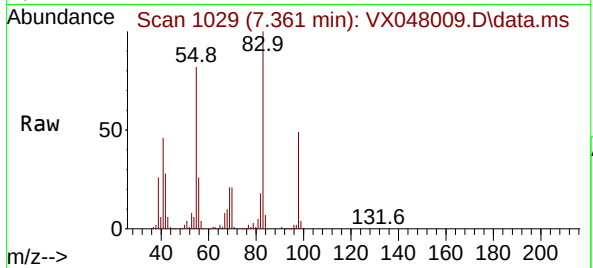
Tgt Ion:117 Resp: 158503
Ion Ratio Lower Upper
117 100
119 94.1 73.4 110.2
121 30.7 23.8 35.6





#39
Methylcyclohexane
Concen: 50.604 ug/l
RT: 7.361 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

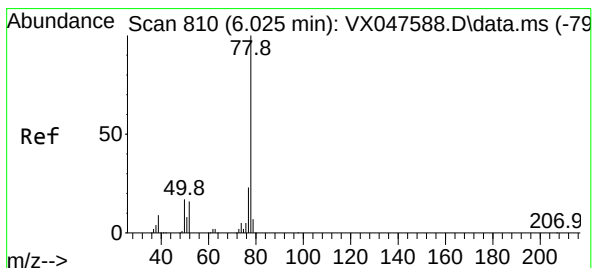
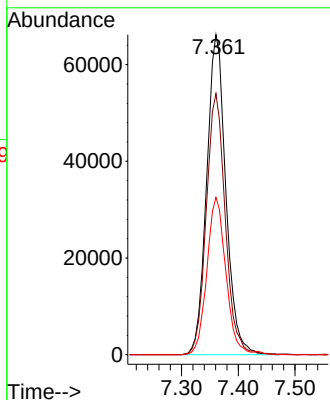
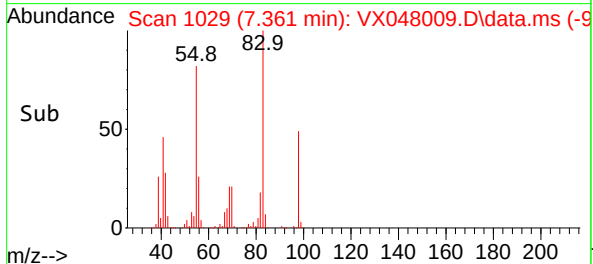
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 155729
Ion Ratio Lower Upper
83 100
55 81.6 66.4 99.6
98 49.2 38.1 57.1

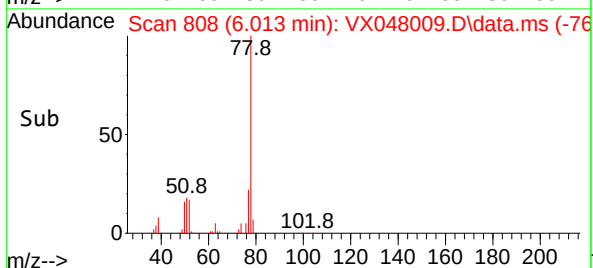
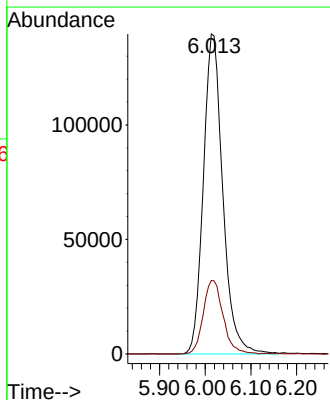
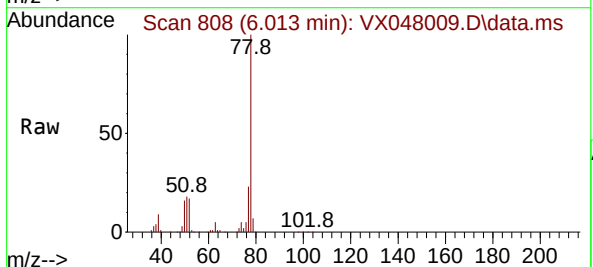
Manual Integrations
APPROVED

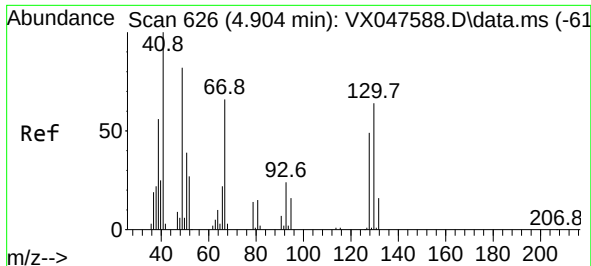
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#40
Benzene
Concen: 50.158 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

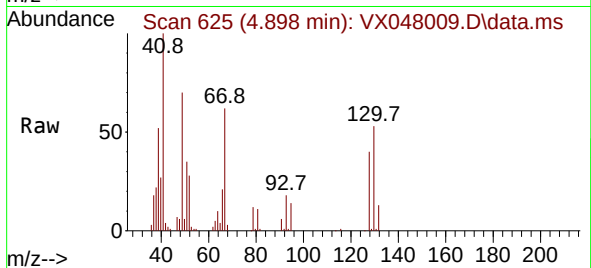
Tgt Ion: 78 Resp: 413003
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2





#41
Methacrylonitrile
Concen: 49.957 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

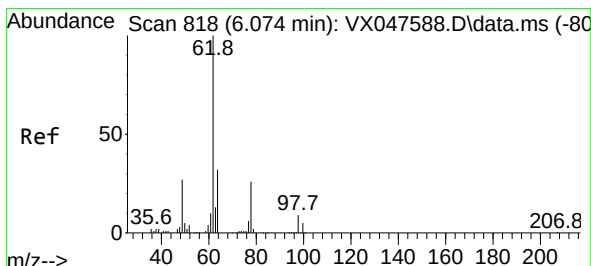
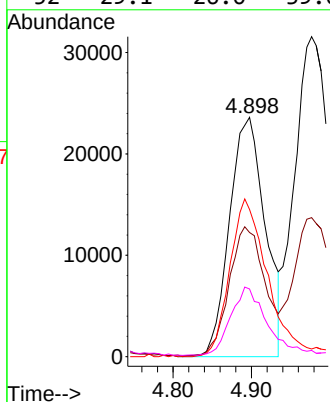
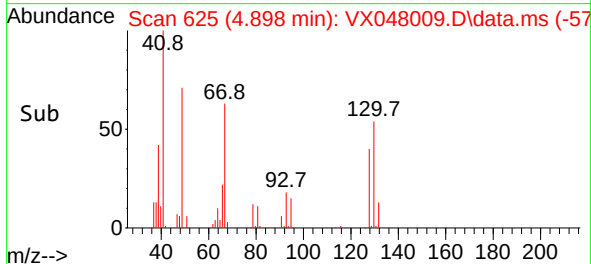
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7486
Ion Ratio Lower Upper
41 100
39 54.9 43.3 64.9
67 71.7 58.6 87.8
52 29.1 26.0 39.0

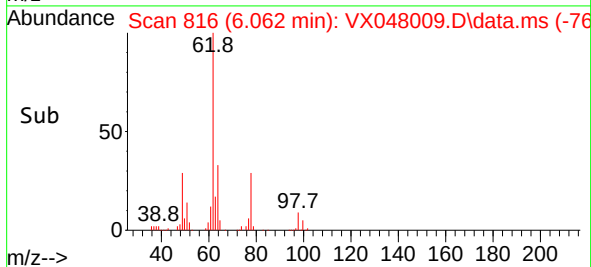
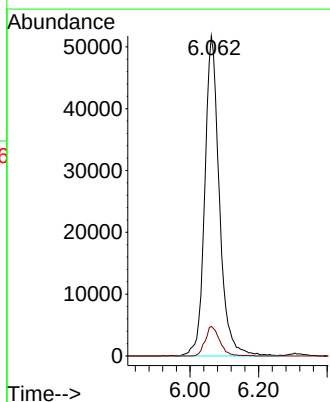
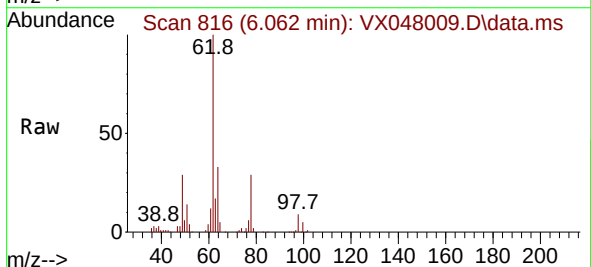
Manual Integrations
APPROVED

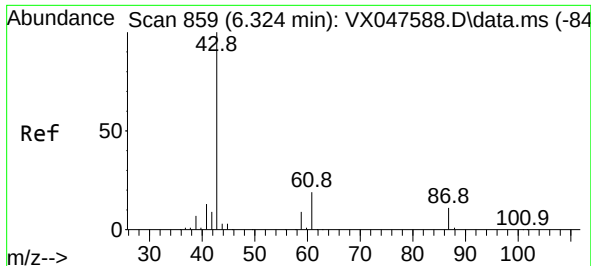
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#42
1,2-Dichloroethane
Concen: 48.919 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

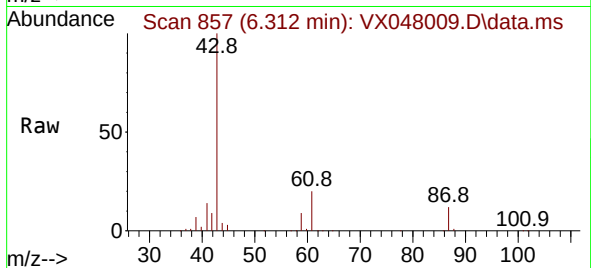
Tgt Ion: 62 Resp: 153262
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.0





#43
Isopropyl Acetate
Concen: 46.693 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

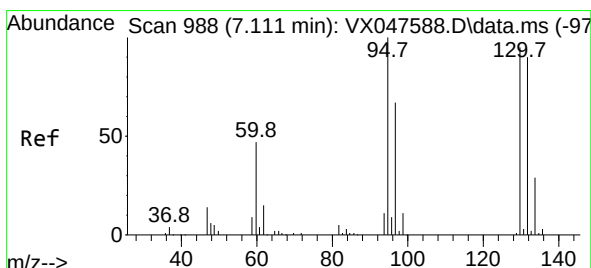
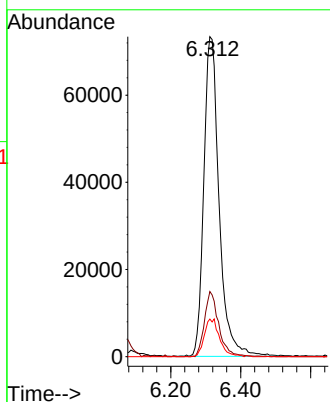
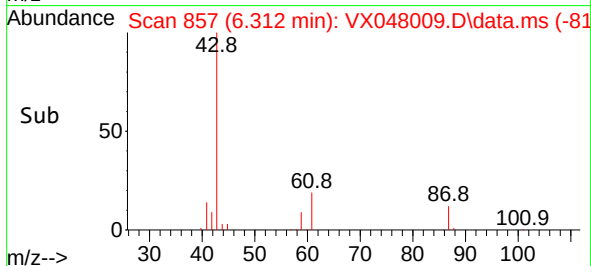
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 222292
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 11.8 9.6 14.4

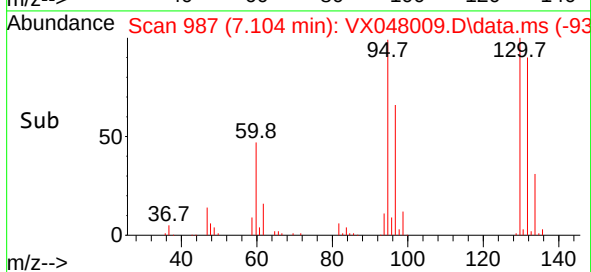
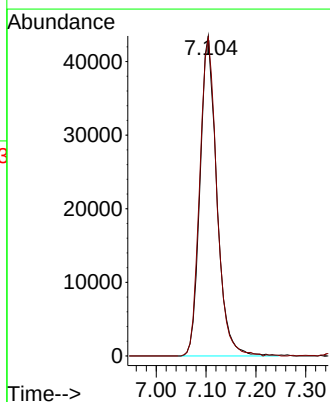
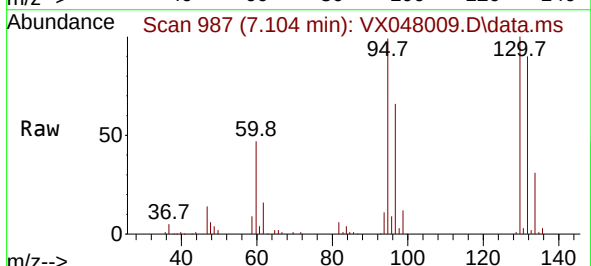
Manual Integrations
APPROVED

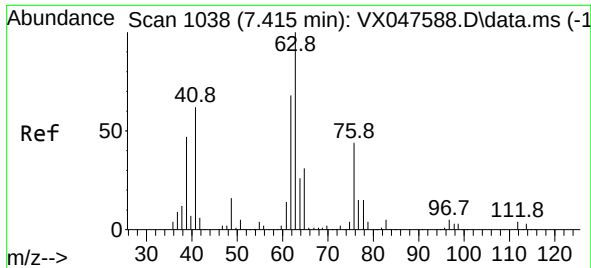
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#44
Trichloroethene
Concen: 51.133 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

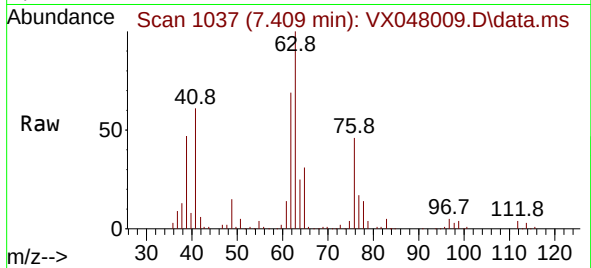
Tgt Ion:130 Resp: 101790
Ion Ratio Lower Upper
130 100
95 99.4 0.0 210.8





#45
1,2-Dichloropropane
Concen: 51.829 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

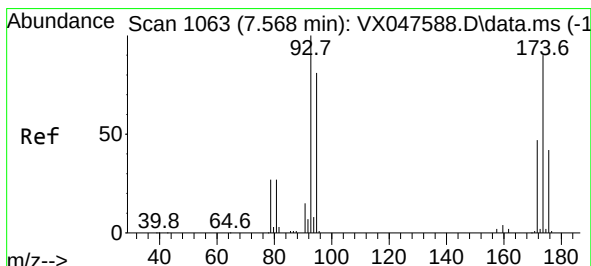
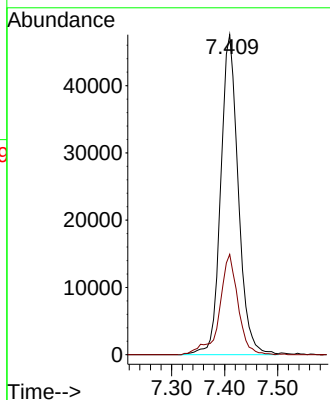
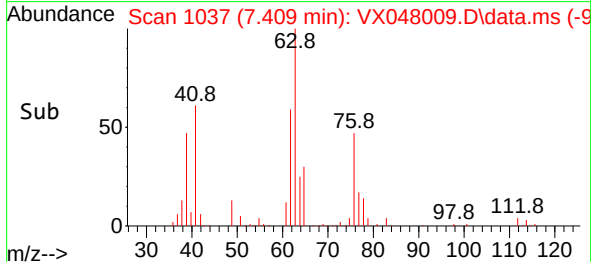
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



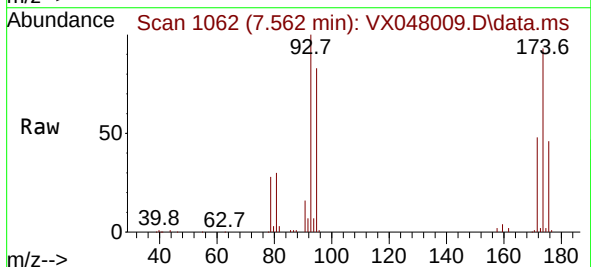
Tgt Ion: 63 Resp: 109279
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1

Manual Integrations
APPROVED

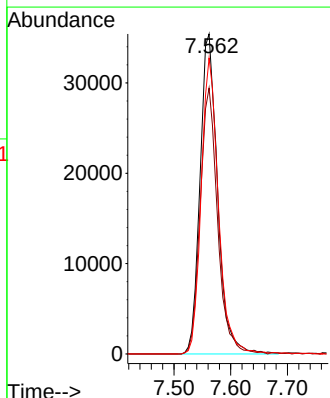
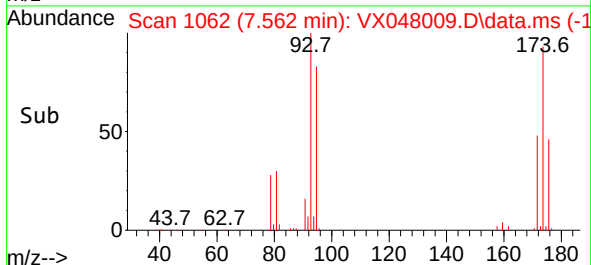
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

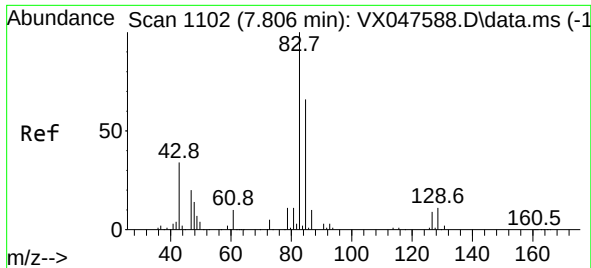


#46
Dibromomethane
Concen: 49.590 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



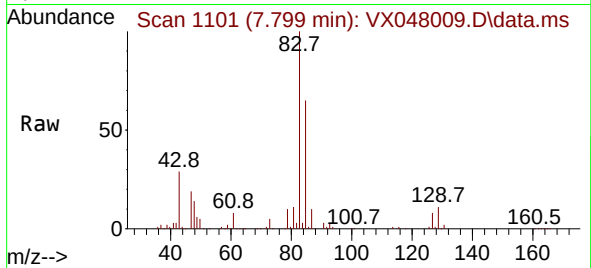
Tgt Ion: 93 Resp: 76086
Ion Ratio Lower Upper
93 100
95 82.4 65.0 97.6
174 91.0 71.6 107.4





#47
Bromodichloromethane
Concen: 53.026 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

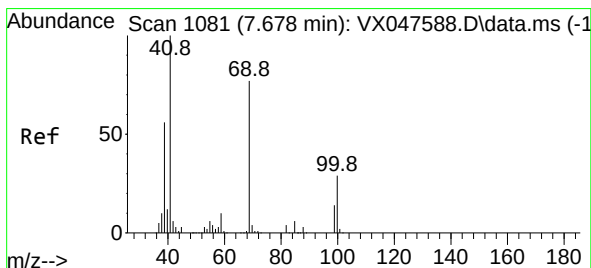
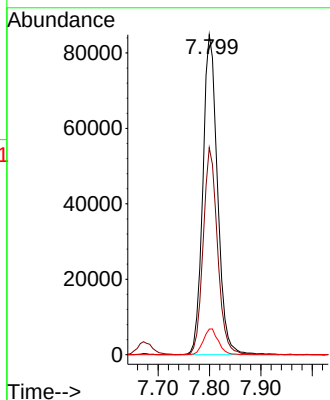
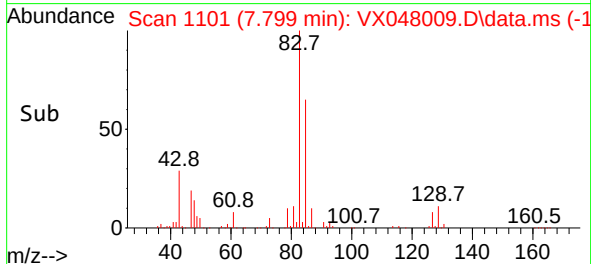
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 167889
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7
127 8.0 6.9 10.3

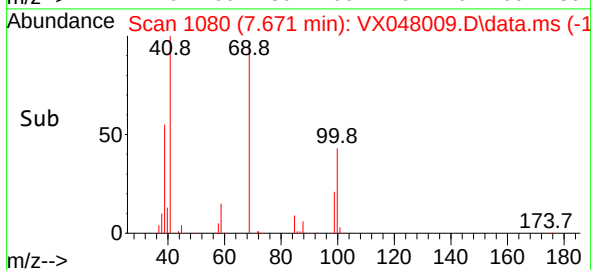
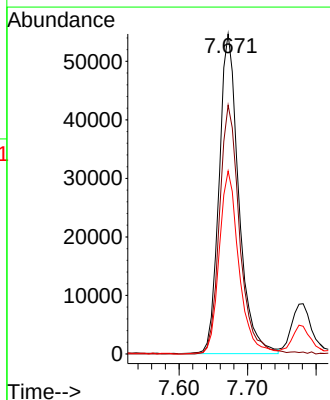
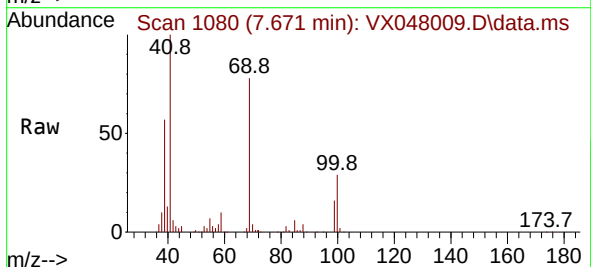
Manual Integrations
APPROVED

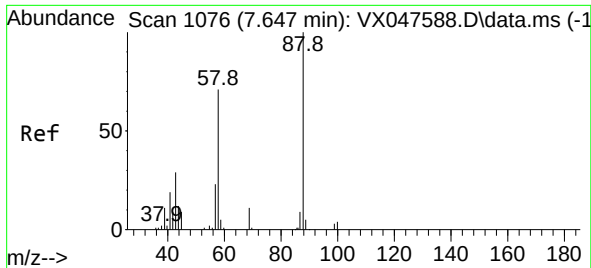
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#48
Methyl methacrylate
Concen: 45.876 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 41 Resp: 108787
Ion Ratio Lower Upper
41 100
69 79.4 61.4 92.2
39 57.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1126.978 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 27000

Ion Ratio Lower Upper

88 100

43 39.8 30.2 45.2

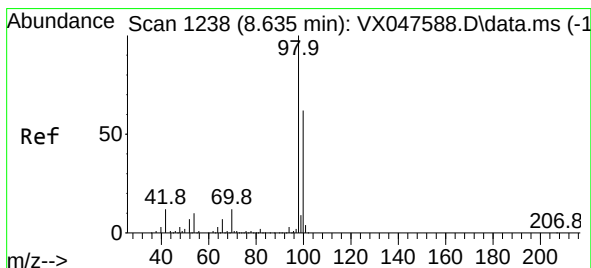
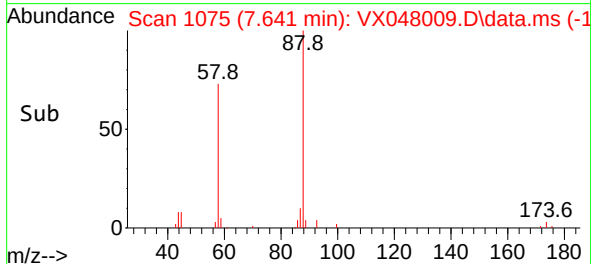
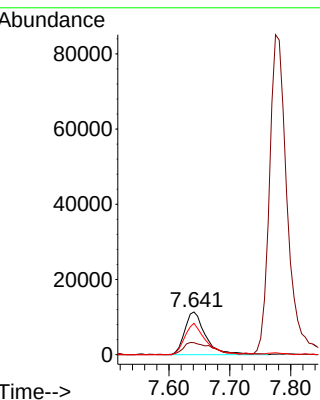
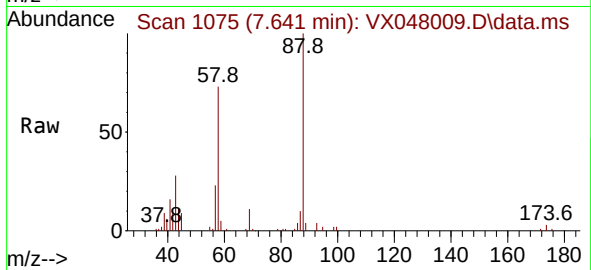
58 72.3 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#50

Toluene-d8

Concen: 50.194 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048009.D

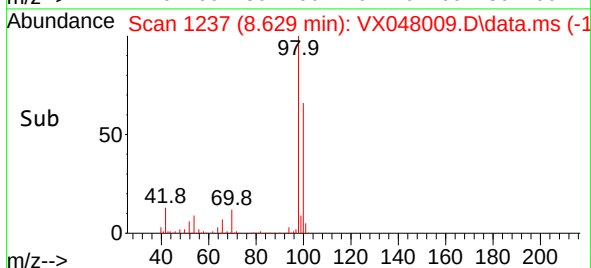
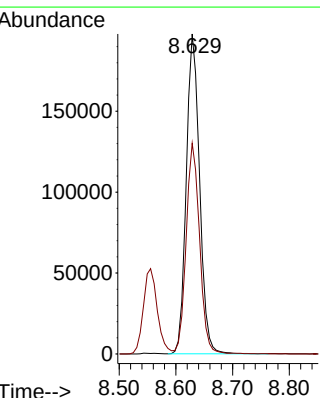
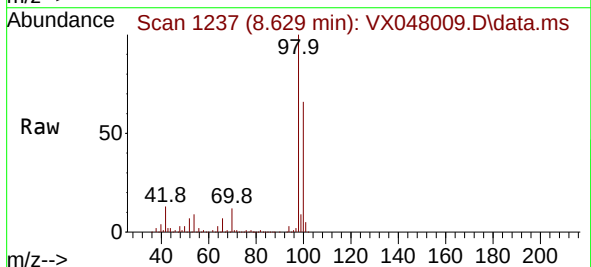
Acq: 06 Oct 2025 08:54

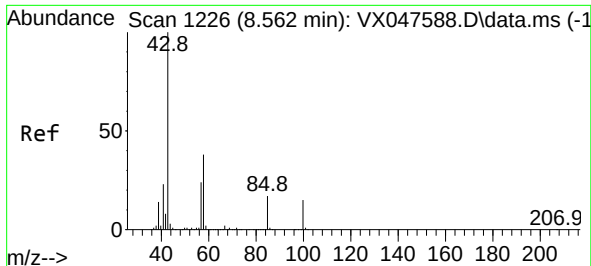
Tgt Ion: 98 Resp: 322232

Ion Ratio Lower Upper

98 100

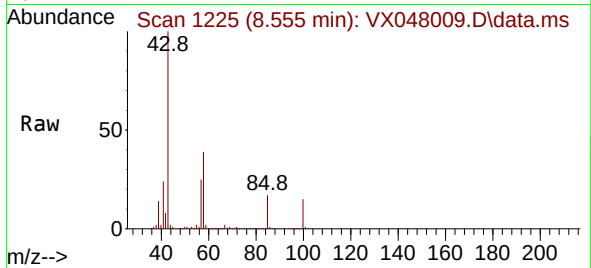
100 66.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 239.248 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

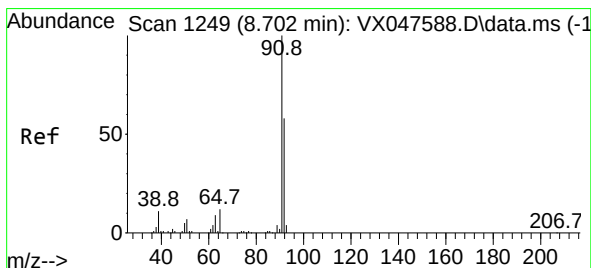
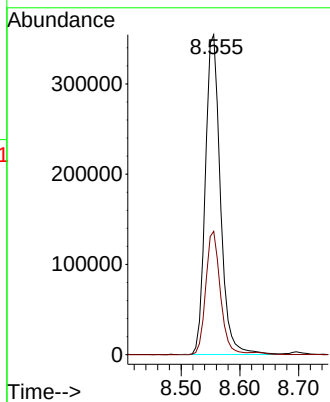
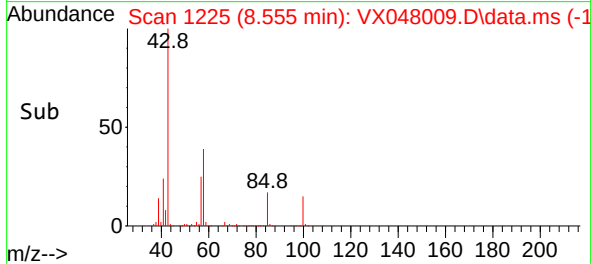
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 63150
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5

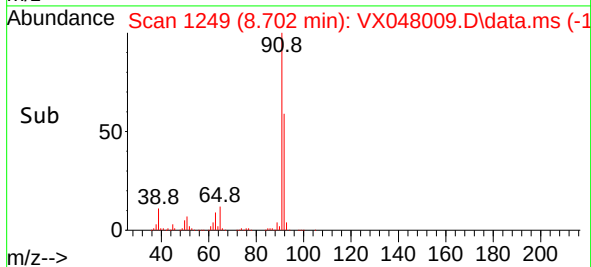
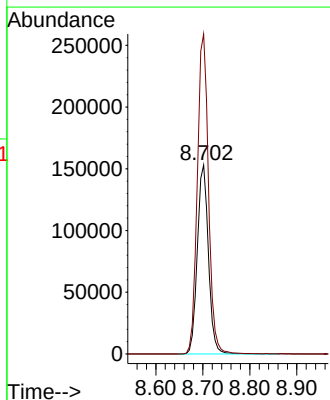
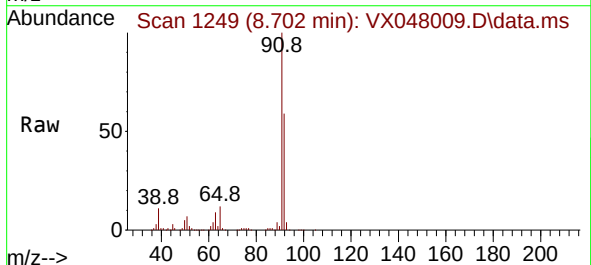
Manual Integrations
APPROVED

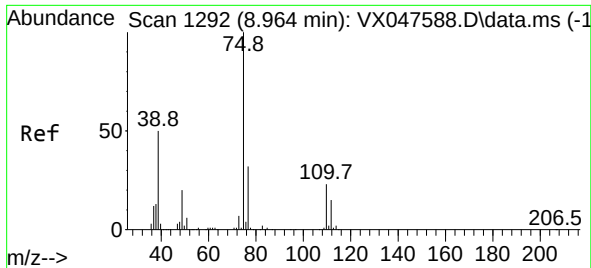
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#52
Toluene
Concen: 49.643 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

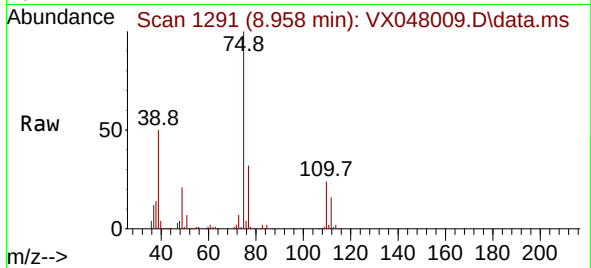
Tgt Ion: 92 Resp: 251838
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 49.308 ug/l
RT: 8.958 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

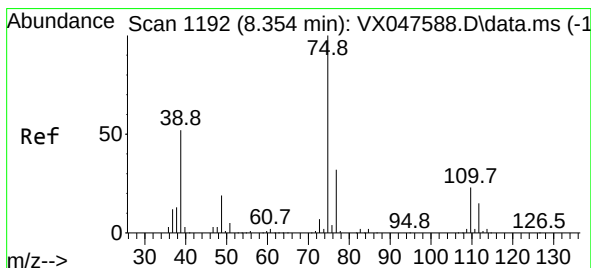
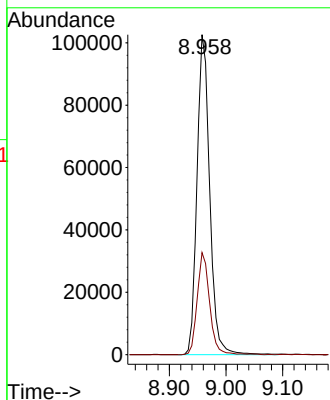
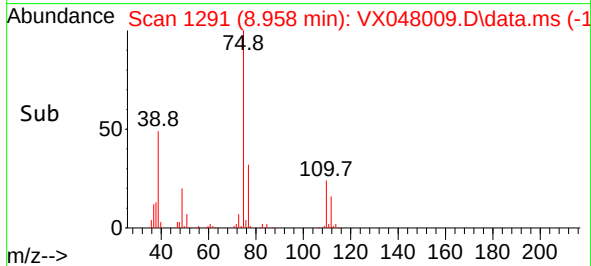
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 159240
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

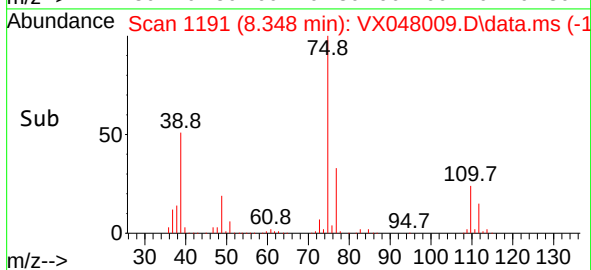
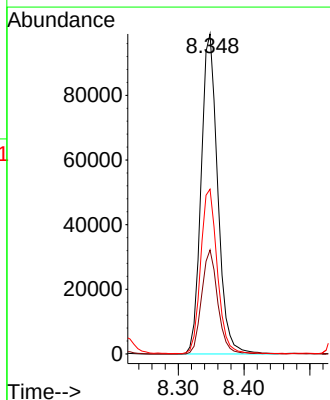
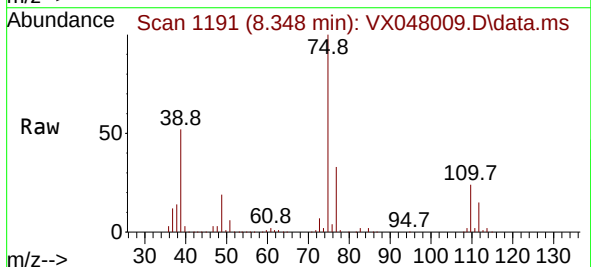
Manual Integrations
APPROVED

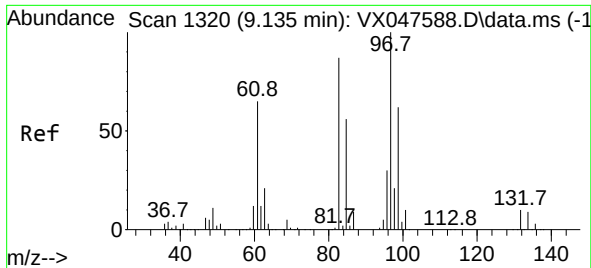
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#54
cis-1,3-Dichloropropene
Concen: 50.278 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

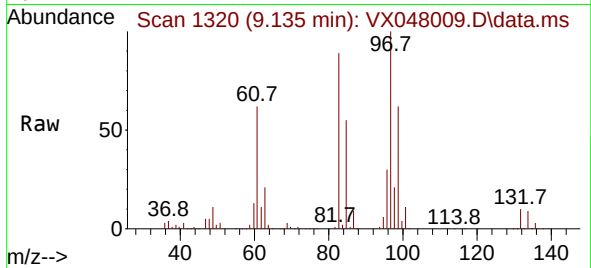
Tgt Ion: 75 Resp: 173552
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
39 51.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 50.267 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

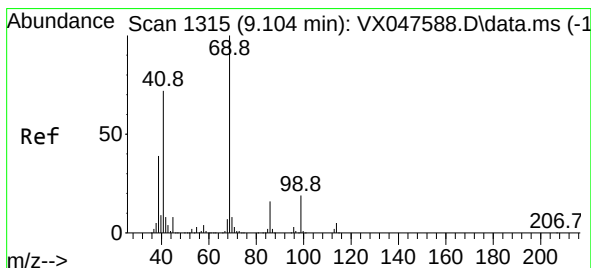
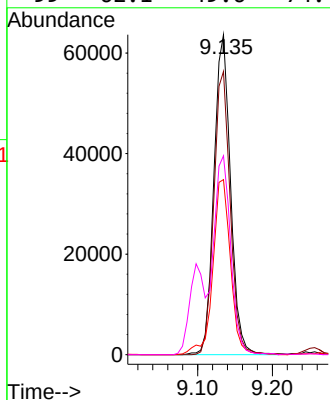
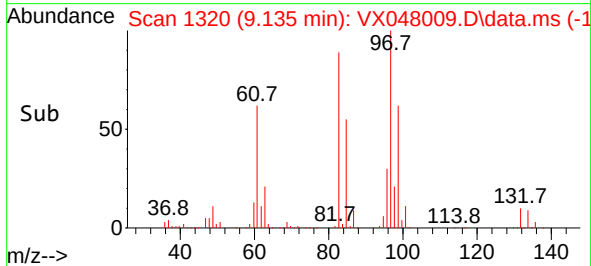
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



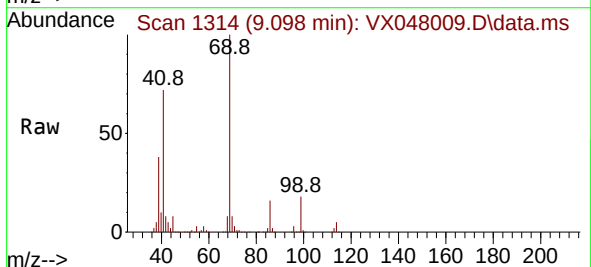
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.6	104.4
85	54.7	45.0	67.6
99	62.1	49.6	74.4

Manual Integrations
APPROVED

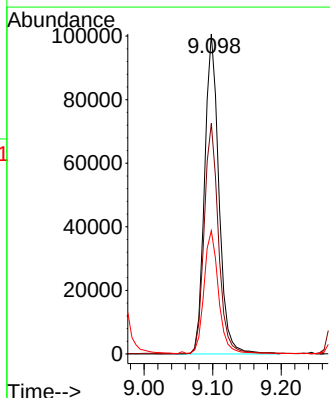
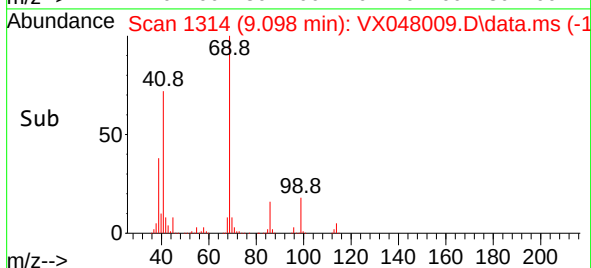
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

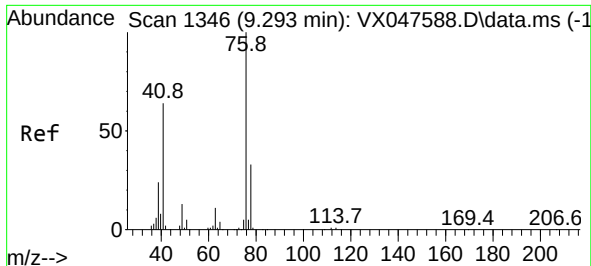


#56
Ethyl methacrylate
Concen: 47.623 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.0	58.6	87.8
39	39.1	31.5	47.3





#57

1,3-Dichloropropane

Concen: 49.908 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16770

Ion Ratio Lower Upper

76 100

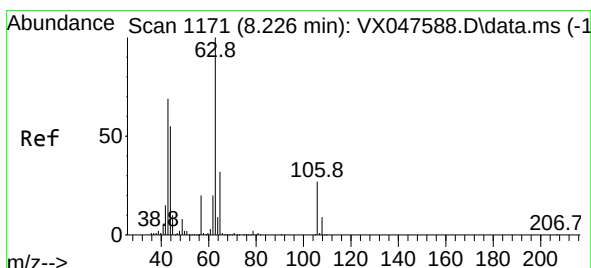
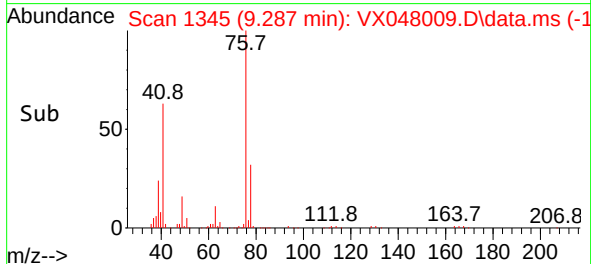
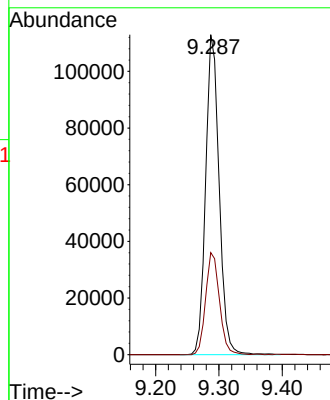
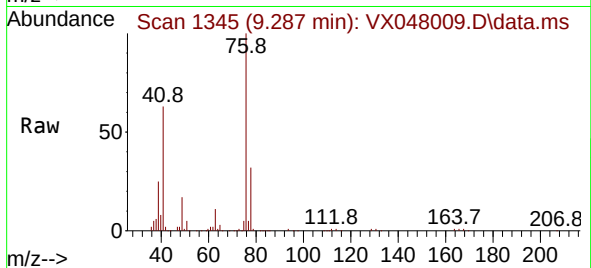
78 32.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 261.089 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048009.D

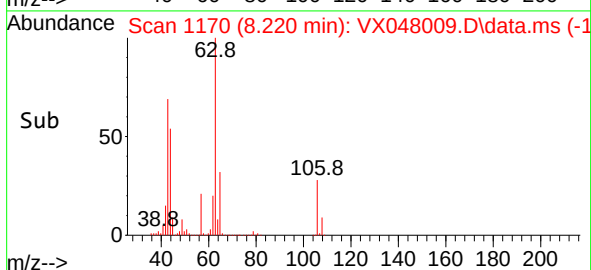
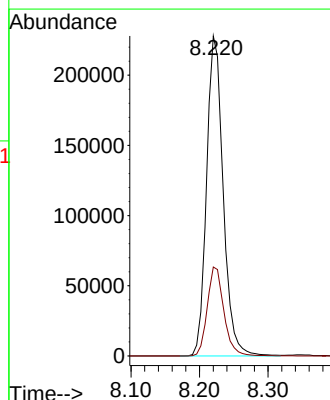
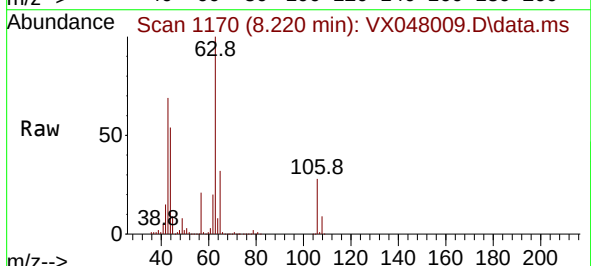
Acq: 06 Oct 2025 08:54

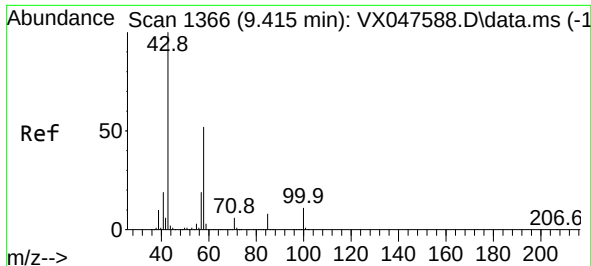
Tgt Ion: 63 Resp: 384363

Ion Ratio Lower Upper

63 100

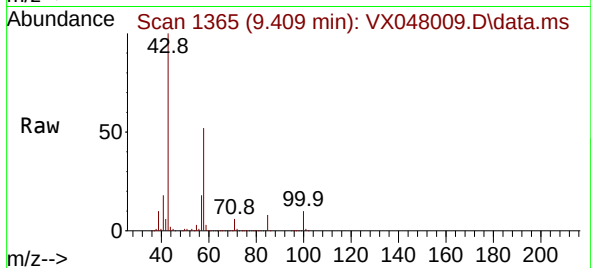
106 27.8 21.9 32.9





#59
2-Hexanone
Concen: 233.065 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

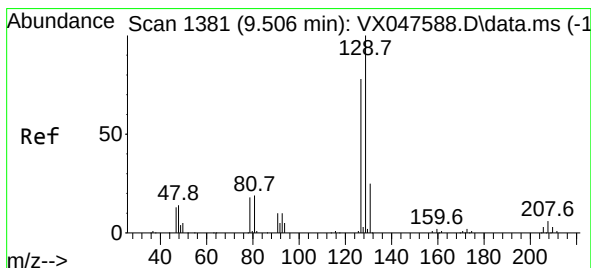
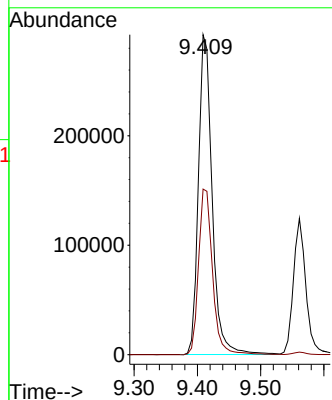
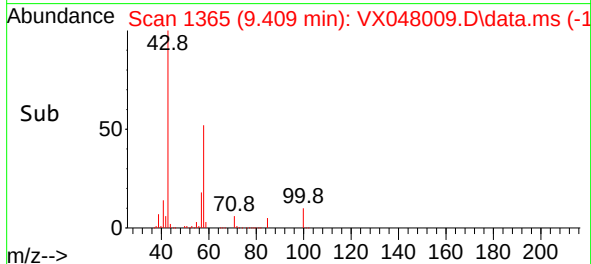
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 441820
Ion Ratio Lower Upper
43 100
58 52.8 26.1 78.2

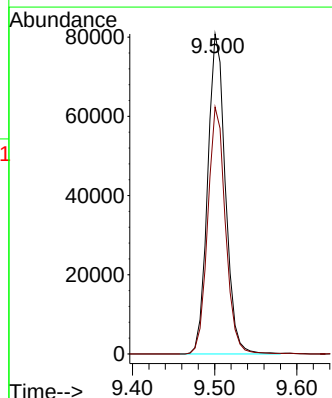
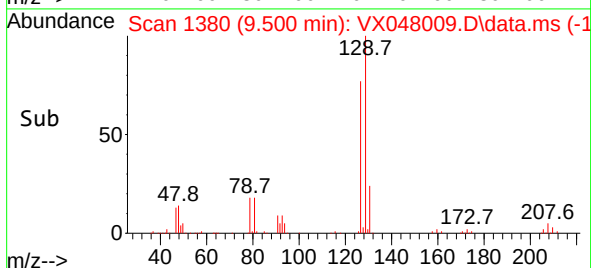
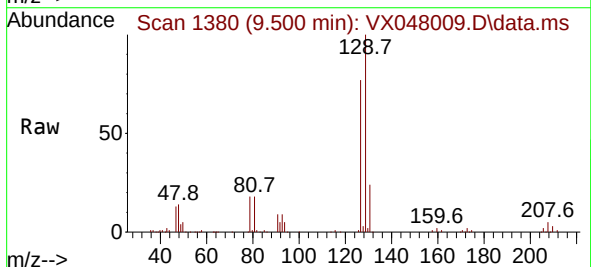
Manual Integrations
APPROVED

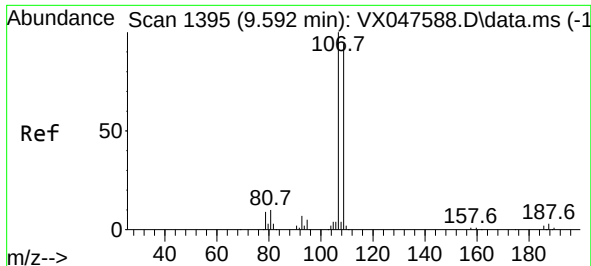
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#60
Dibromochloromethane
Concen: 53.502 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

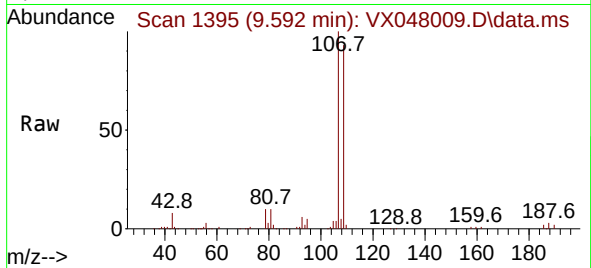
Tgt Ion:129 Resp: 120589
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61
1,2-Dibromoethane
Concen: 50.578 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

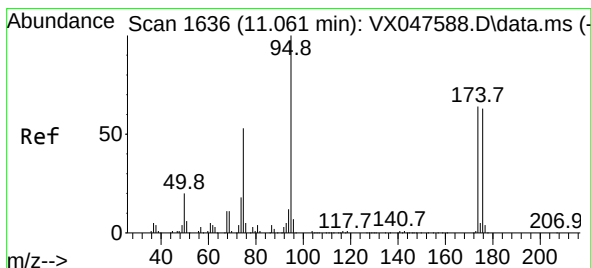
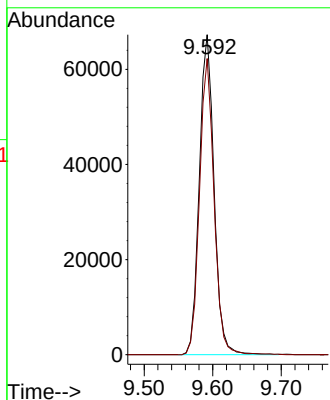
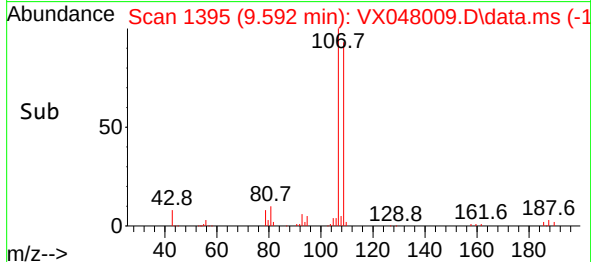
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



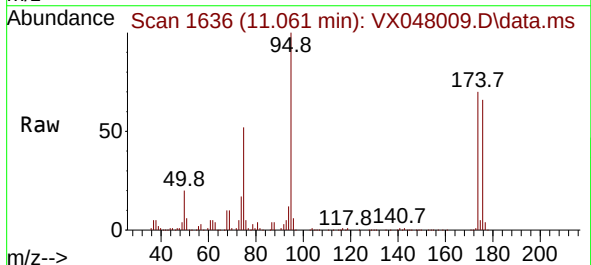
Tgt Ion:107 Resp: 100772
Ion Ratio Lower Upper
107 100
109 91.5 75.3 112.9

Manual Integrations
APPROVED

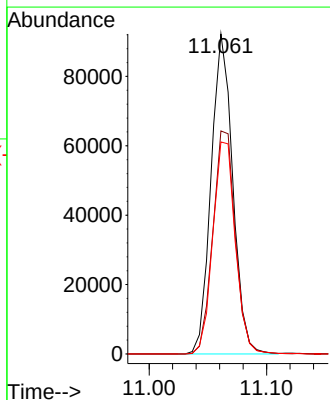
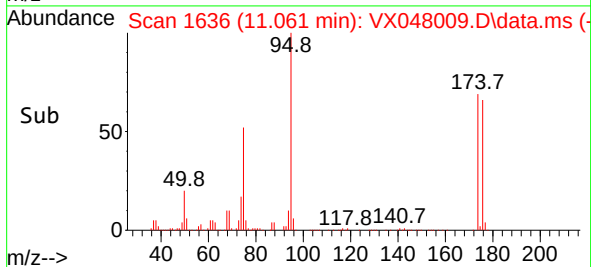
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

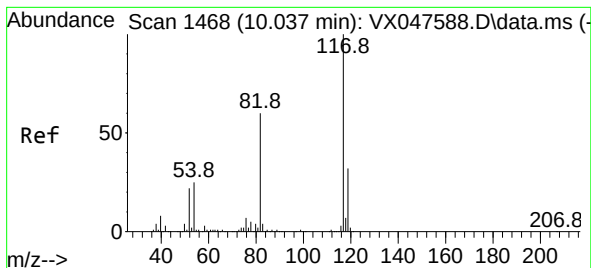


#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



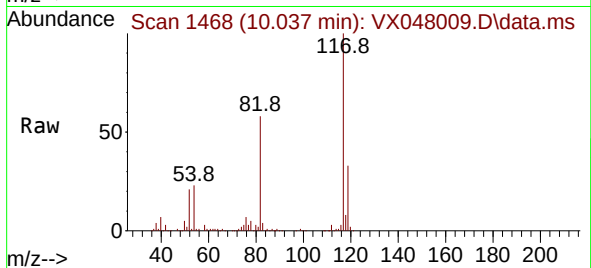
Tgt Ion: 95 Resp: 117851
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 69.4 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

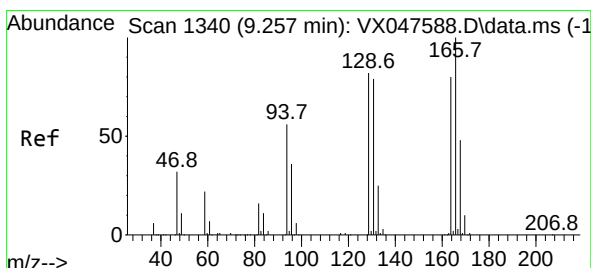
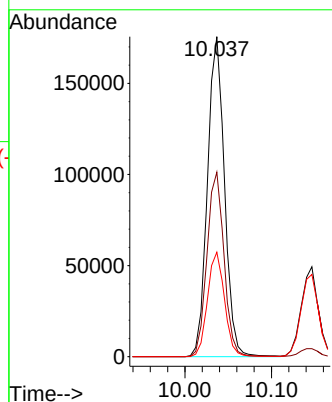
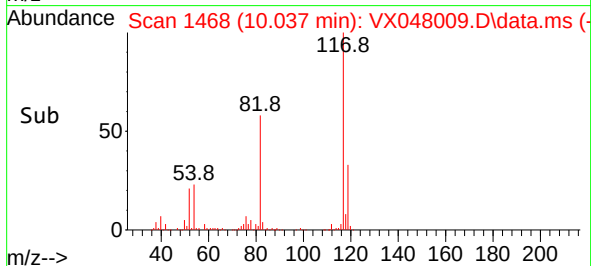
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 23995
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 32.6 25.2 37.8

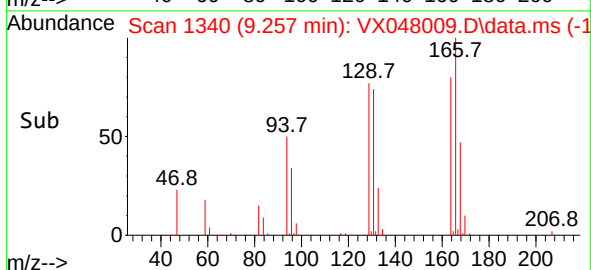
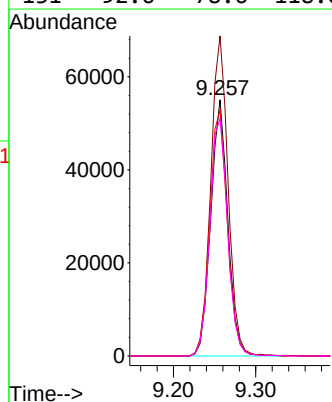
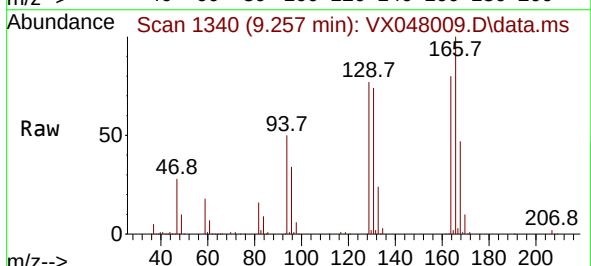
Manual Integrations
APPROVED

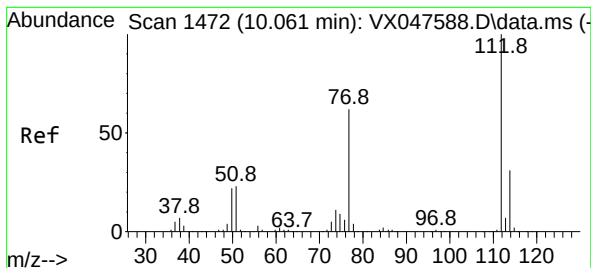
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#64
Tetrachloroethene
Concen: 50.617 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion:164 Resp: 79177
Ion Ratio Lower Upper
164 100
166 124.9 100.2 150.2
129 96.0 81.8 122.6
131 92.6 78.6 118.0





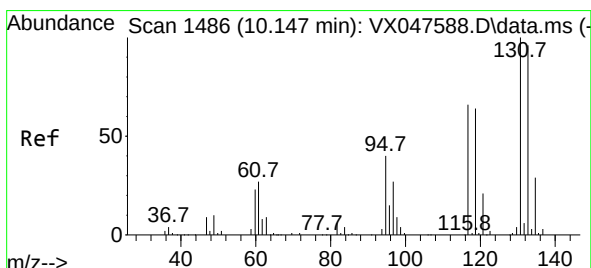
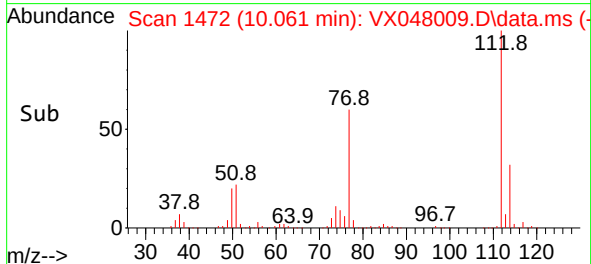
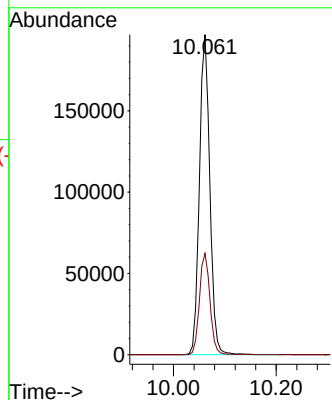
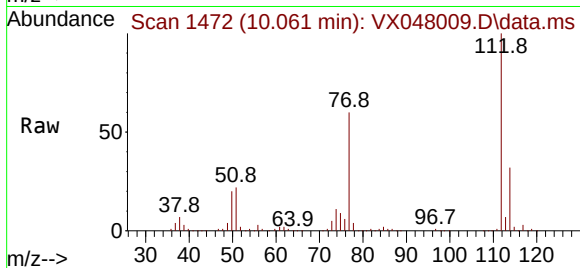
#65
Chlorobenzene
Concen: 50.758 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 276694
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

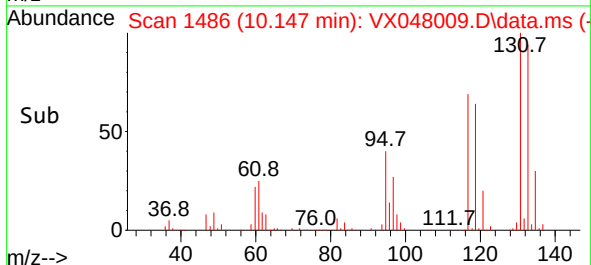
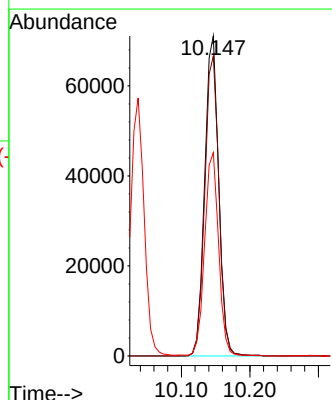
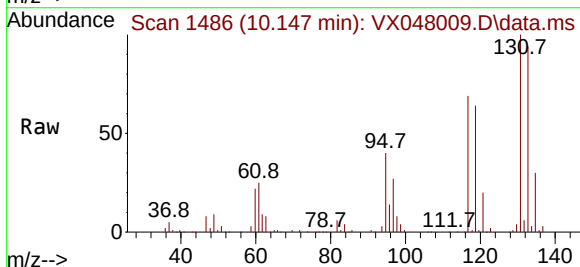
Manual Integrations
APPROVED

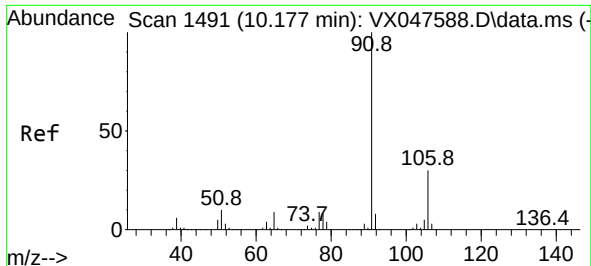
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.676 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion:131 Resp: 100969
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 63.9 32.0 96.0





#67

Ethyl Benzene

Concen: 50.790 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 47771

Ion Ratio Lower Upper

91 100

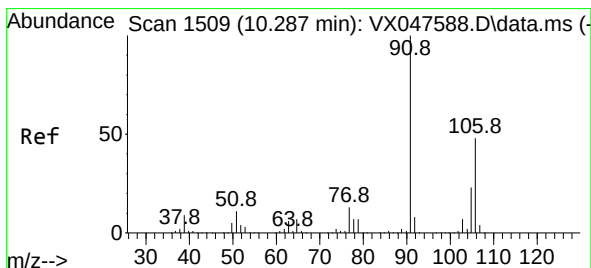
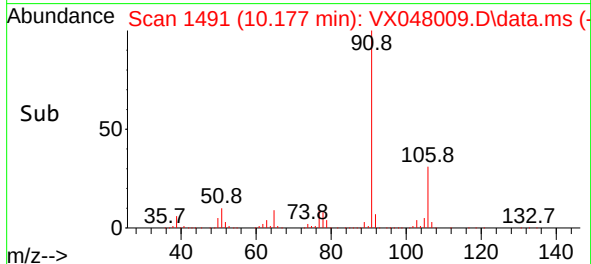
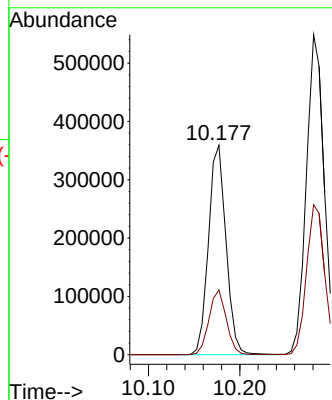
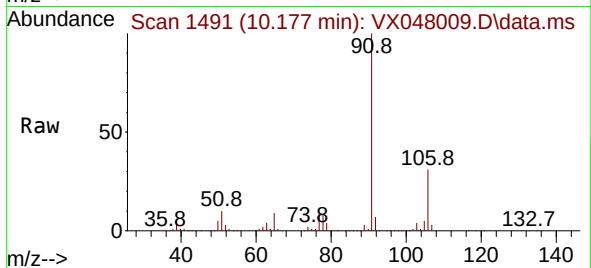
106 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#68

m/p-Xylenes

Concen: 102.135 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048009.D

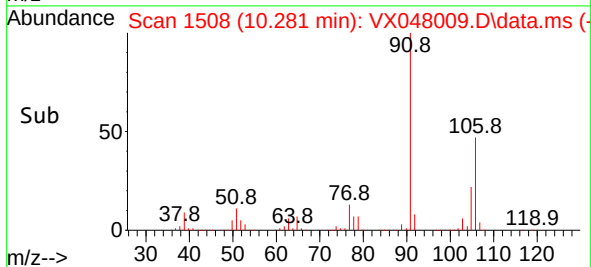
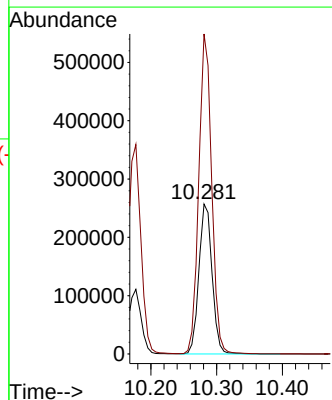
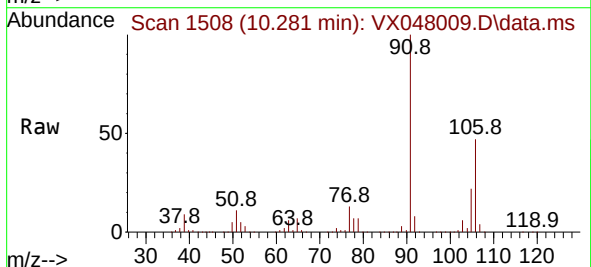
Acq: 06 Oct 2025 08:54

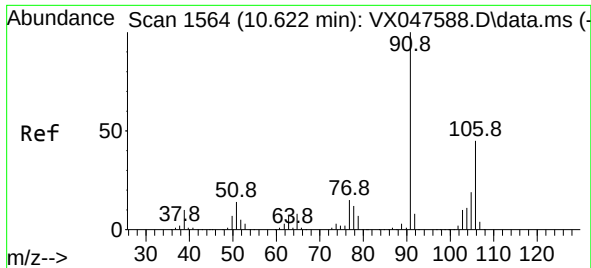
Tgt Ion:106 Resp: 357562

Ion Ratio Lower Upper

106 100

91 209.3 167.8 251.8





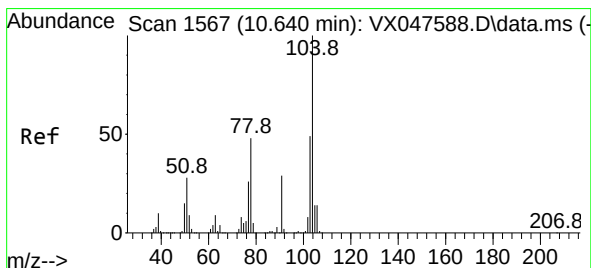
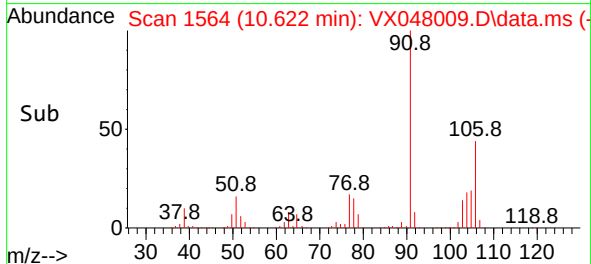
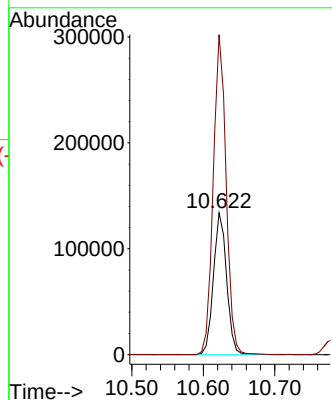
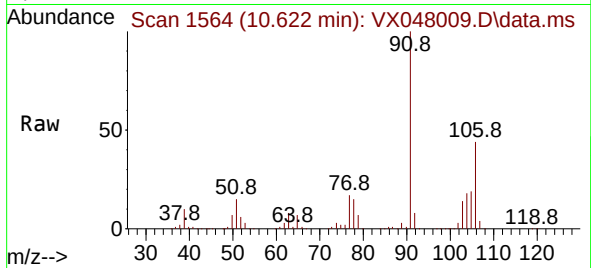
#69
o-Xylene
Concen: 50.459 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 170862
Ion Ratio Lower Upper
106 100
91 221.3 111.1 333.4

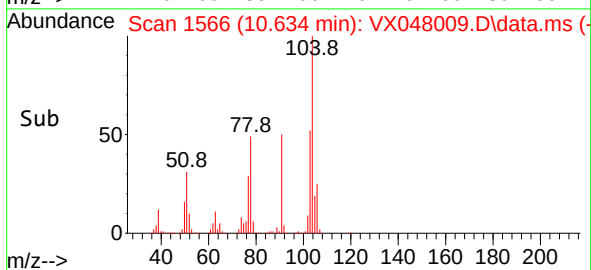
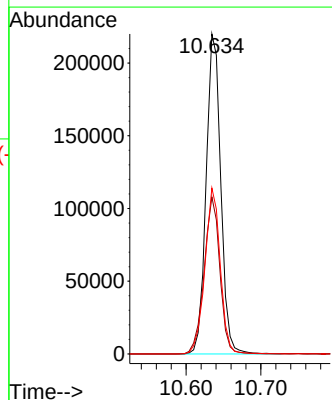
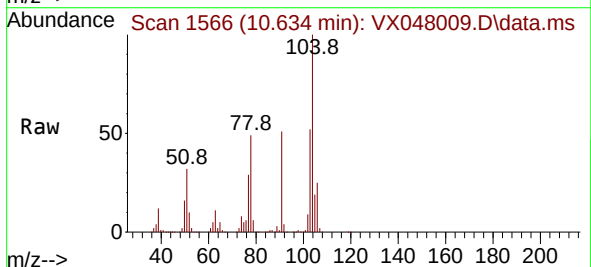
Manual Integrations
APPROVED

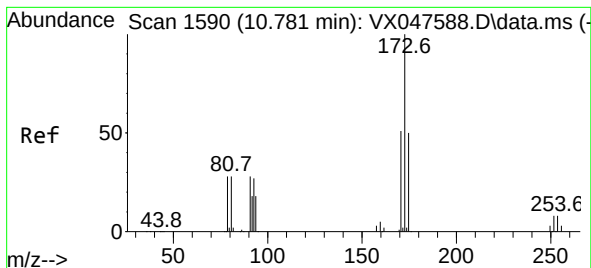
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#70
Styrene
Concen: 50.459 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion:104 Resp: 299383
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 54.4 43.1 64.7





#71

Bromoform

Concen: 53.401 ug/l

RT: 10.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

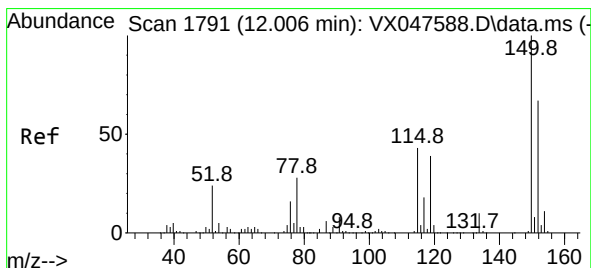
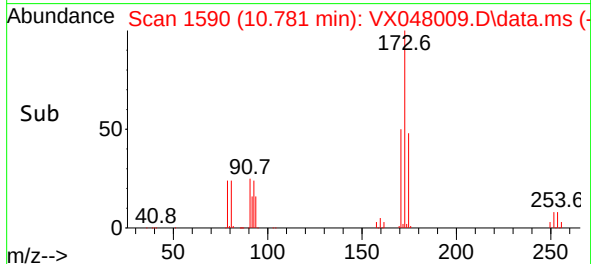
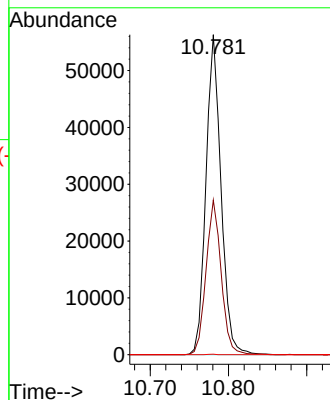
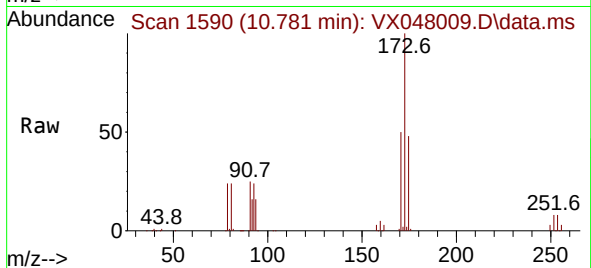
Tgt Ion:173 Resp: 75000
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.9 74.6
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

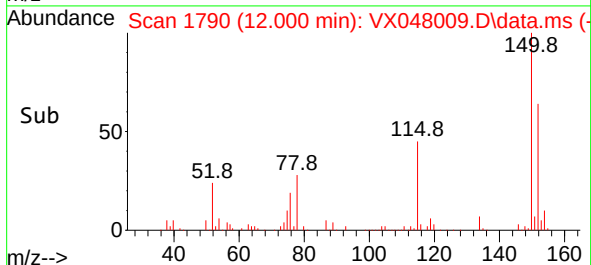
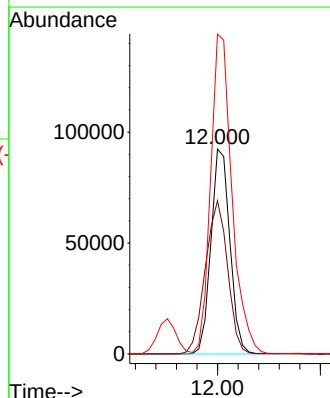
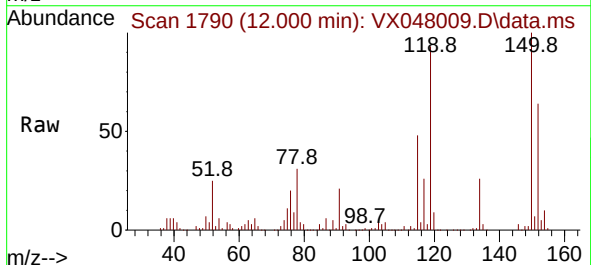
RT: 12.000 min Scan# 1790

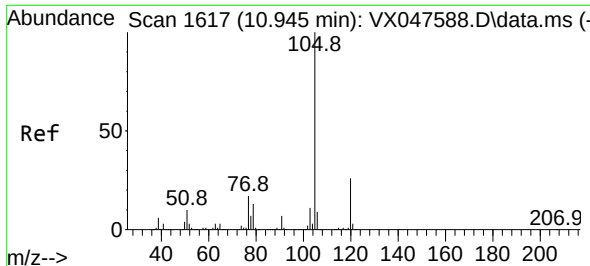
Delta R.T. -0.006 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

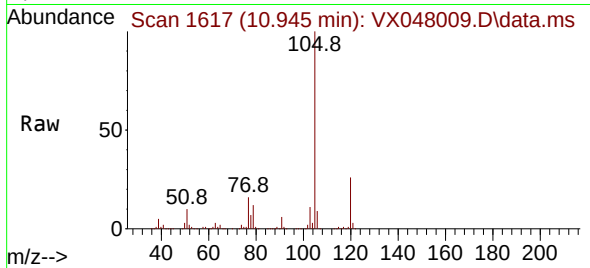
Tgt Ion:152 Resp: 117957
 Ion Ratio Lower Upper
 152 100
 115 88.1 44.9 134.5
 150 175.5 0.0 352.0





#73
Isopropylbenzene
Concen: 50.384 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

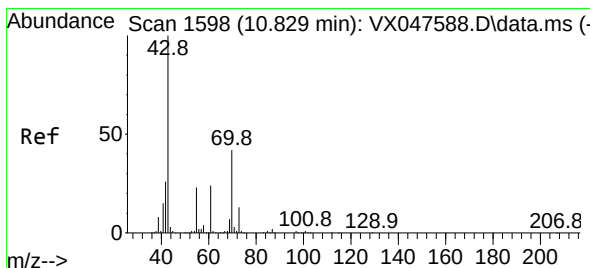
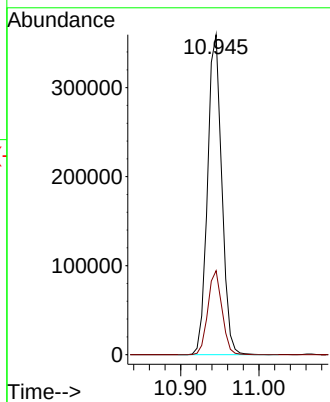
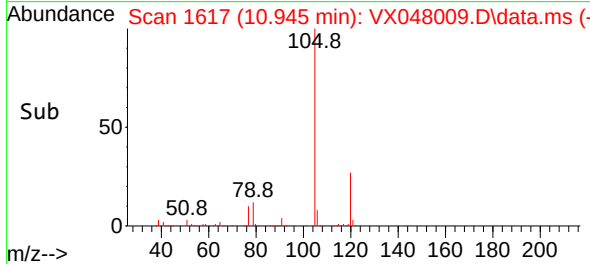
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 45183
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

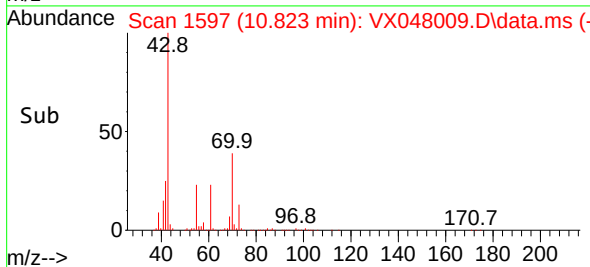
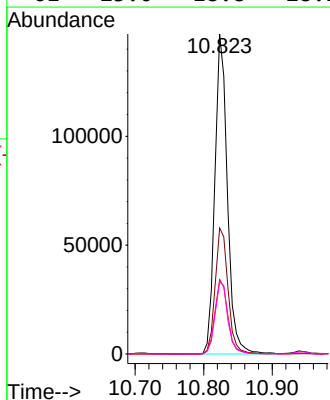
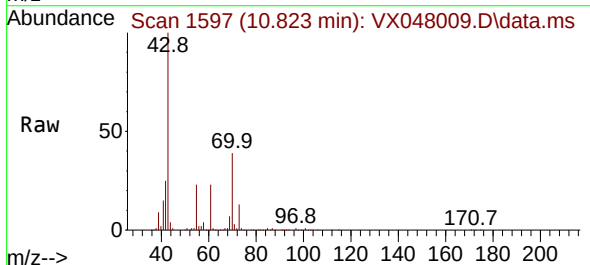
Manual Integrations
APPROVED

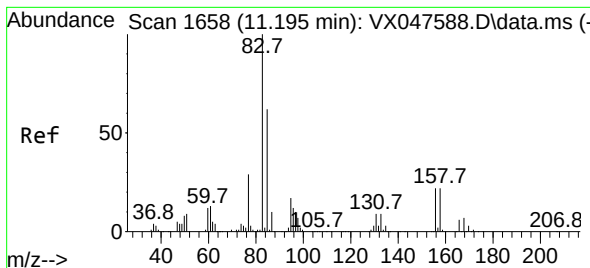
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#74
N-ethyl acetate
Concen: 45.458 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

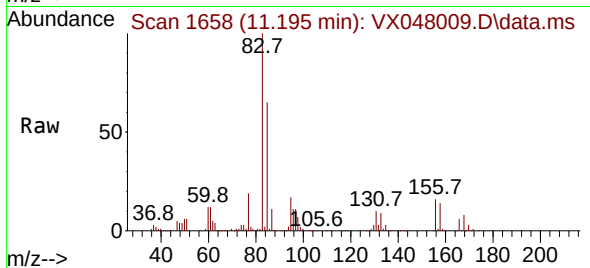
Tgt Ion: 43 Resp: 185898
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 24.4 18.9 28.3
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.169 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

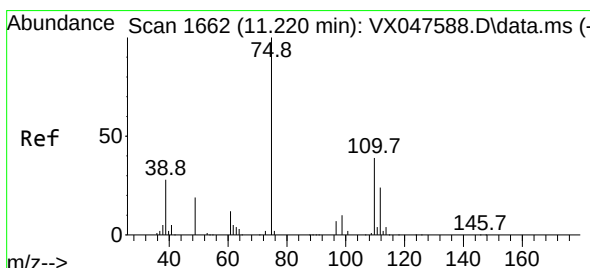
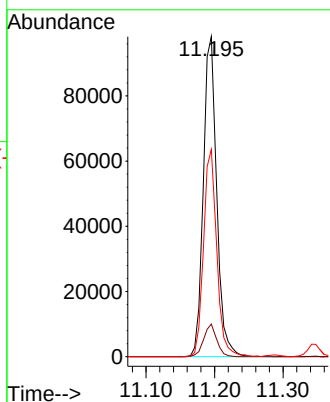
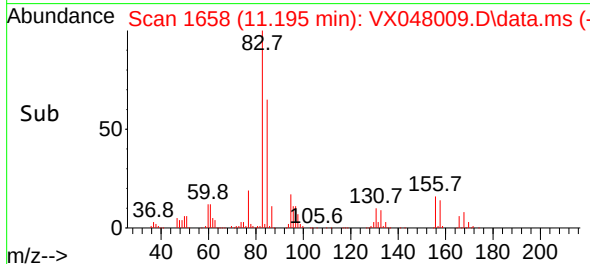
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13340
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.0 31.6 95.0

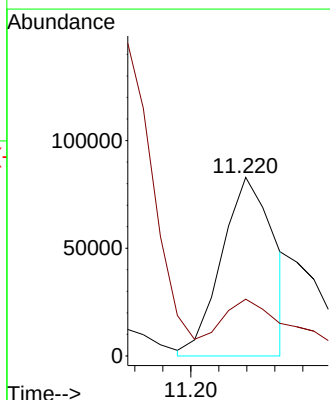
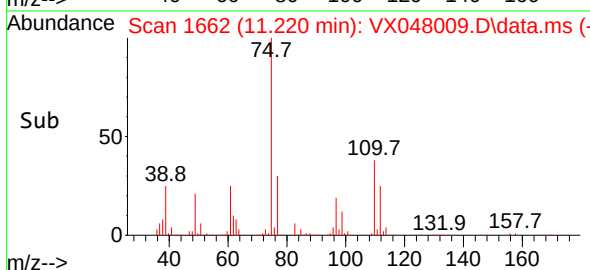
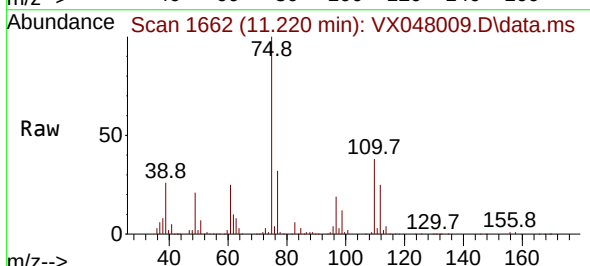
Manual Integrations
APPROVED

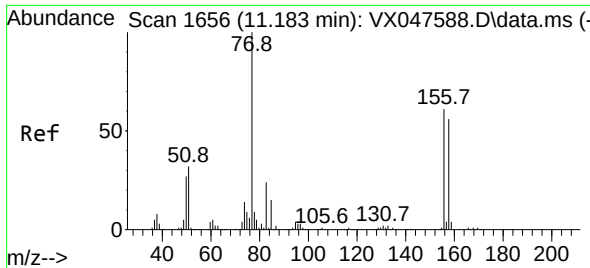
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#76
1,2,3-Trichloropropane
Concen: 45.237 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

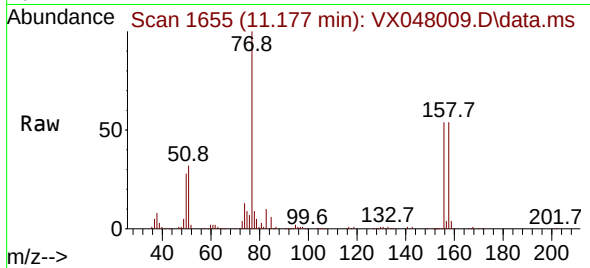
Tgt Ion: 75 Resp: 108038
Ion Ratio Lower Upper
75 100
77 44.0 18.8 56.4





#77
Bromobenzene
Concen: 48.975 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

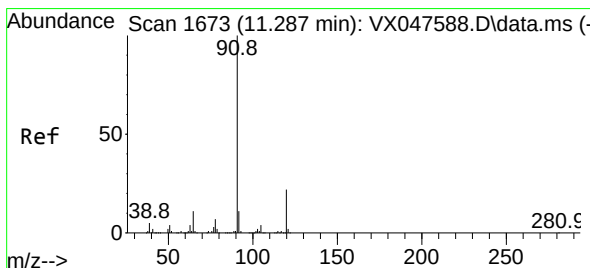
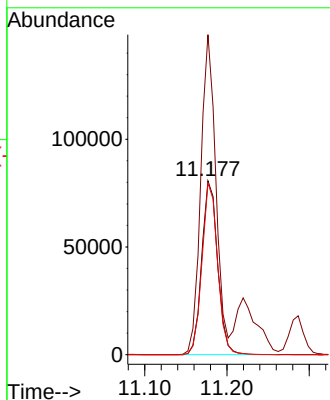
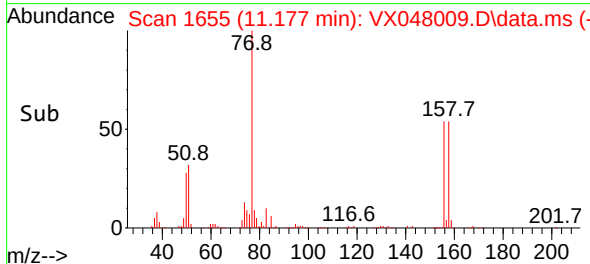
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



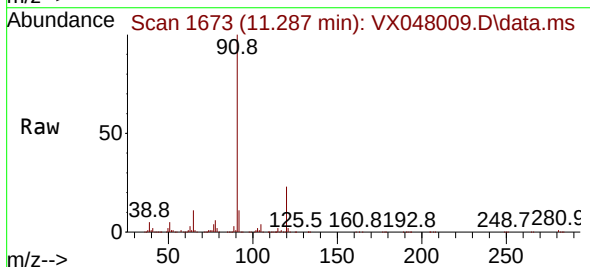
Tgt Ion:156 Resp: 10817
Ion Ratio Lower Upper
156 100
77 175.1 89.7 269.1
158 97.1 47.9 143.6

Manual Integrations
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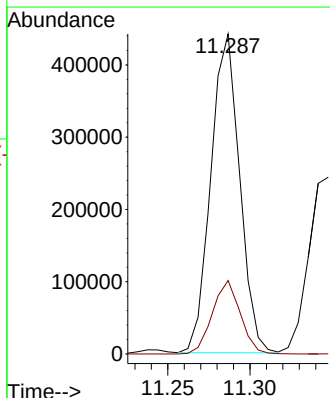
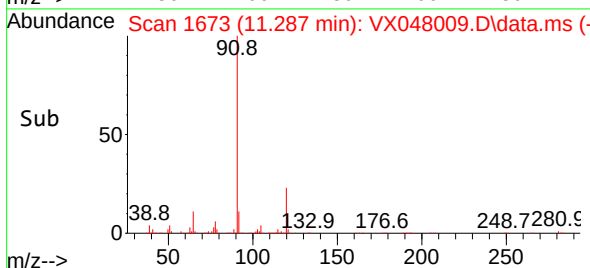
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

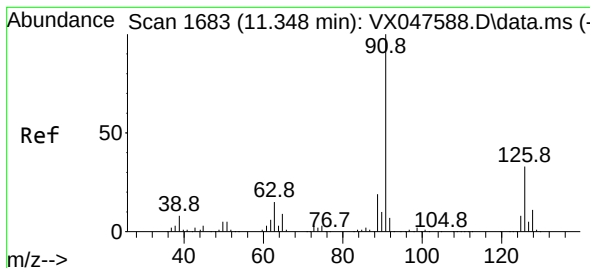


#78
n-propylbenzene
Concen: 50.808 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



Tgt Ion: 91 Resp: 538617
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





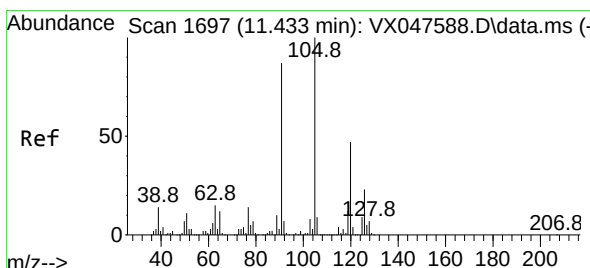
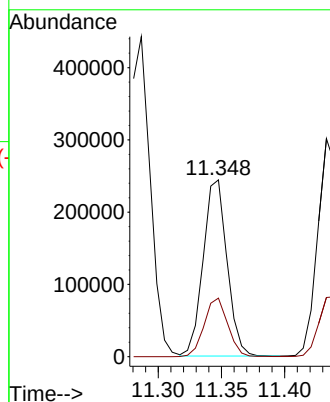
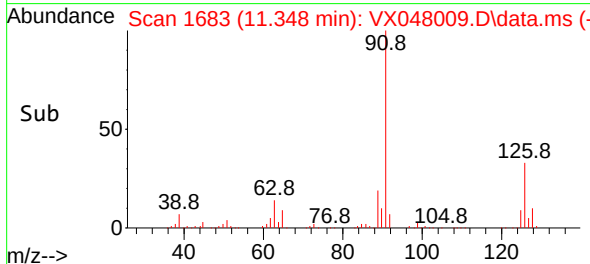
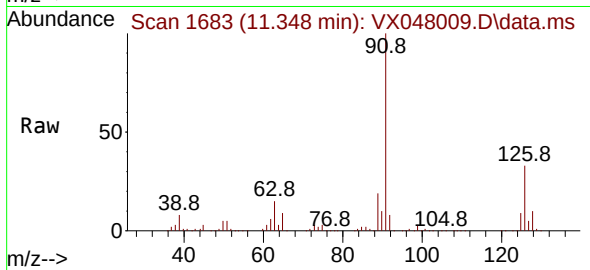
#79
2-Chlorotoluene
Concen: 49.368 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 320540
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

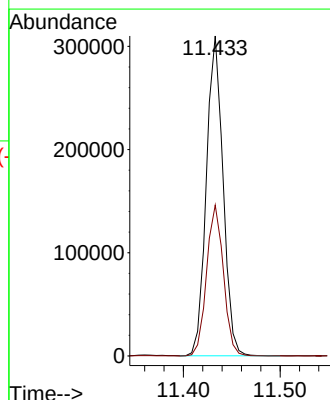
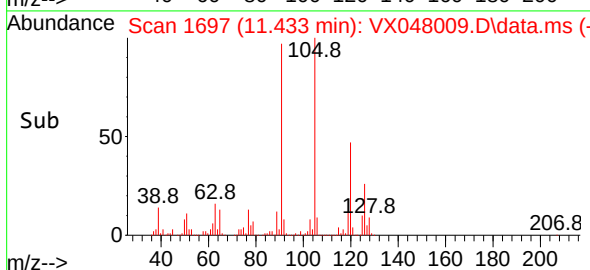
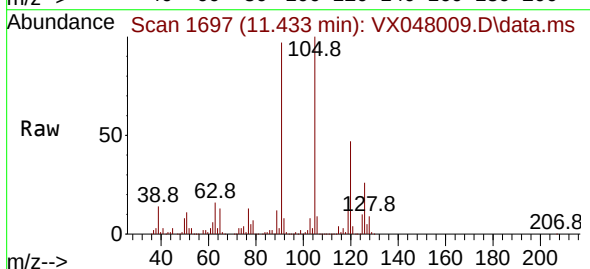
Manual Integrations
APPROVED

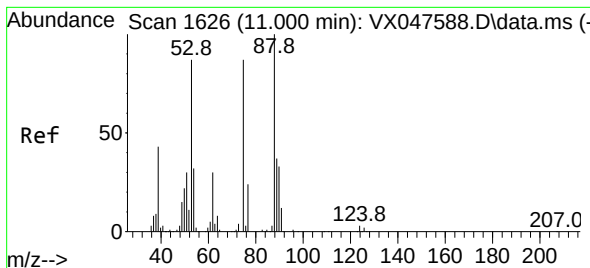
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.486 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

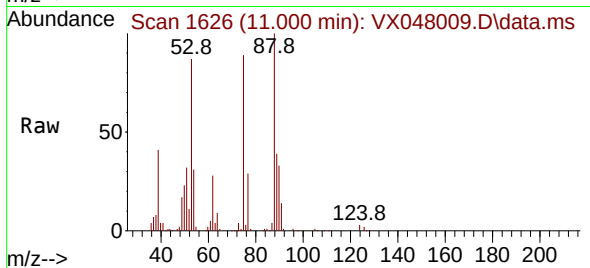
Tgt Ion:105 Resp: 371973
Ion Ratio Lower Upper
105 100
120 47.4 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.367 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

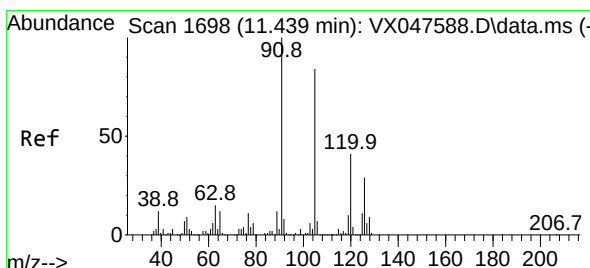
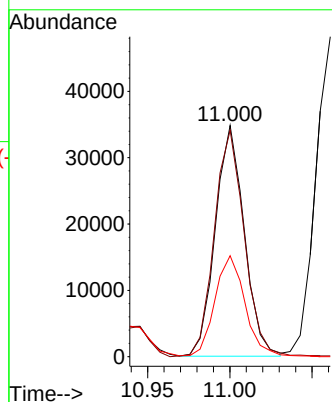
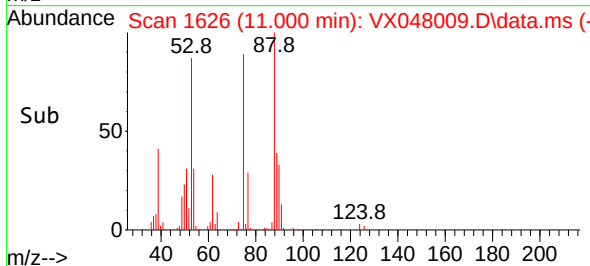
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4248
Ion Ratio Lower Upper
75 100
53 102.4 83.4 125.2
89 45.8 36.3 54.5

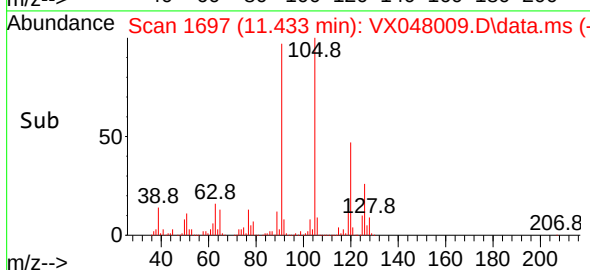
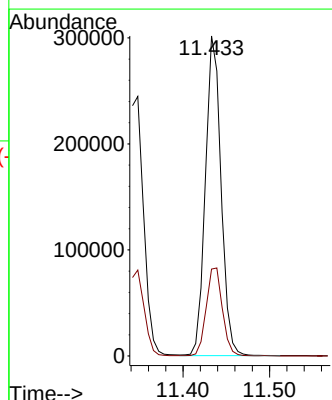
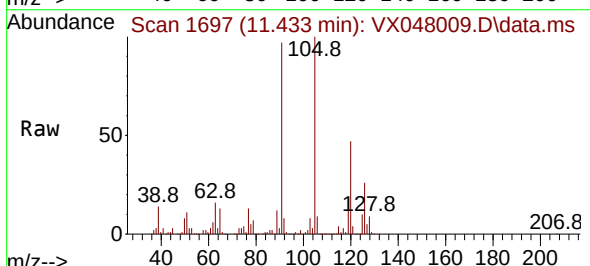
Manual Integrations
APPROVED

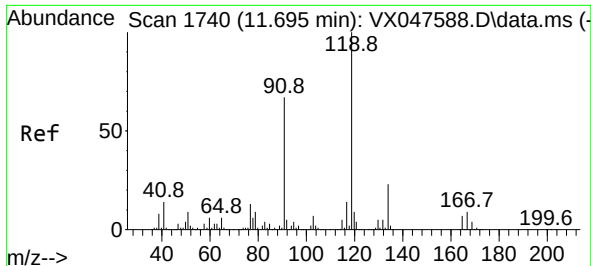
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#82
4-Chlorotoluene
Concen: 49.367 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

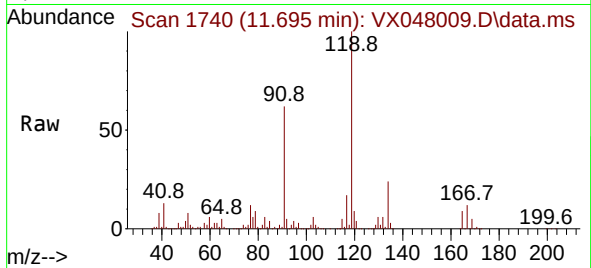
Tgt Ion: 91 Resp: 378575
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.646 ug/l
RT: 11.695 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

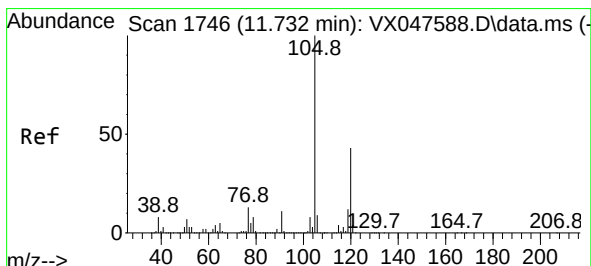
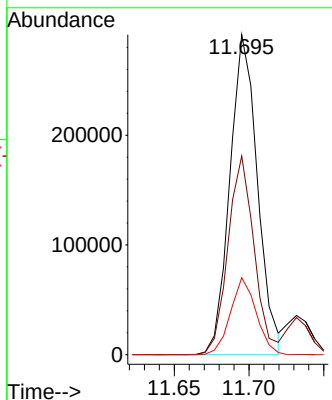
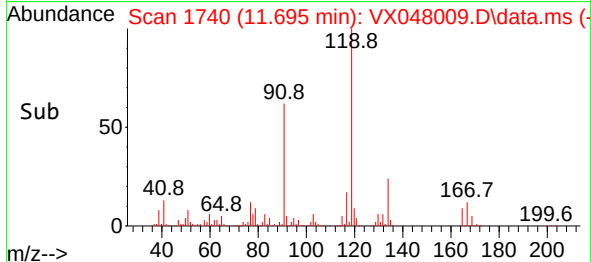
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



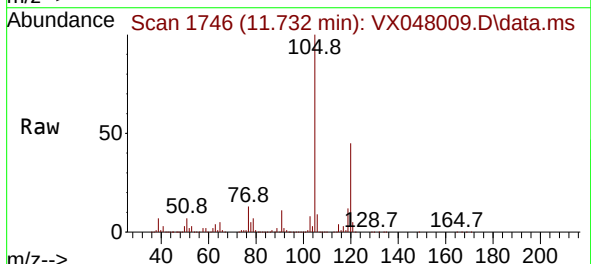
Tgt Ion:119 Resp: 374448
Ion Ratio Lower Upper
119 100
91 59.0 29.6 88.8
134 22.5 11.0 33.0

Manual Integrations
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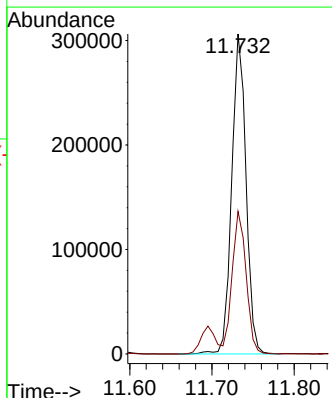
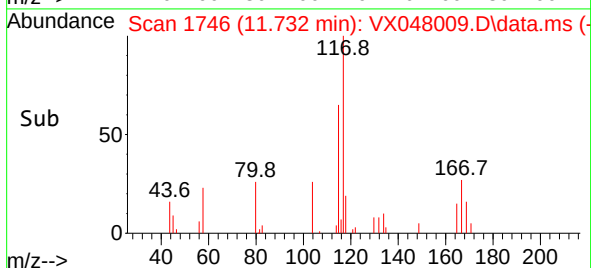
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

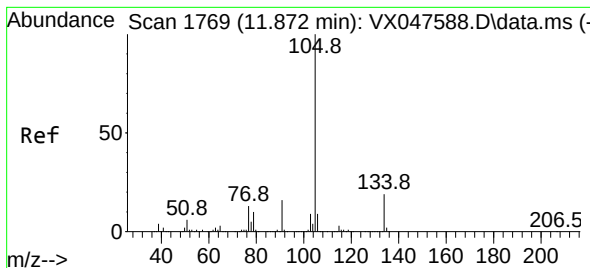


#84
1,2,4-Trimethylbenzene
Concen: 49.361 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



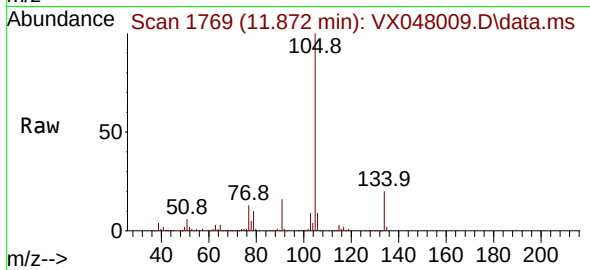
Tgt Ion:105 Resp: 368716
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 50.978 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048009.D
 Acq: 06 Oct 2025 08:54

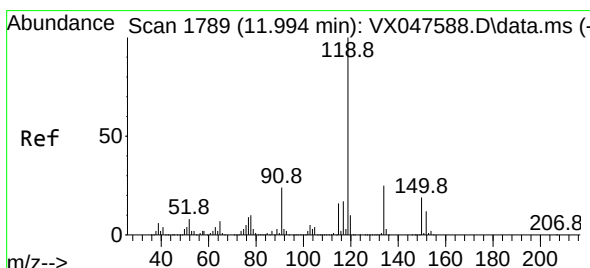
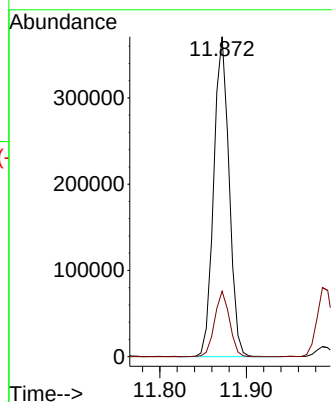
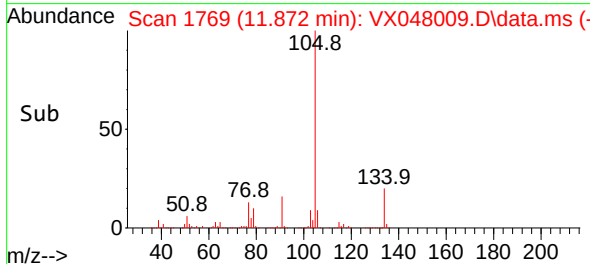
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



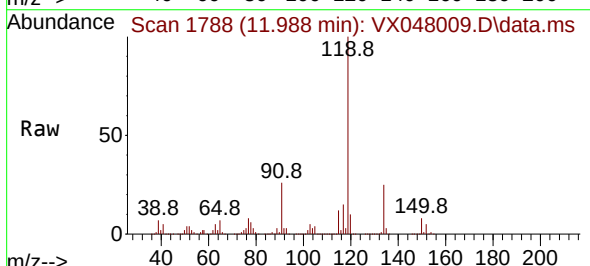
Tgt Ion:105 Resp: 456709
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
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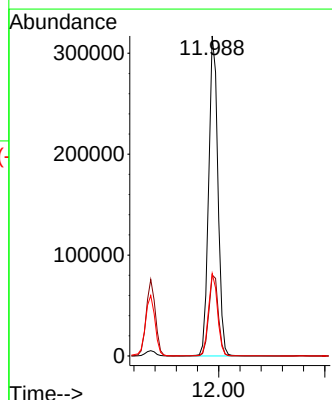
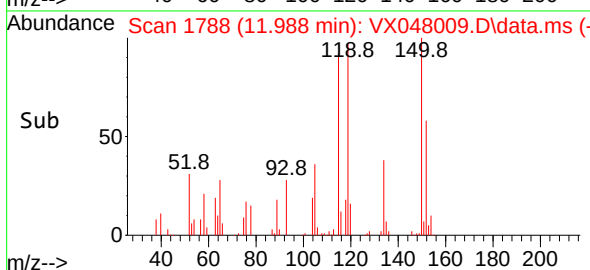
Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

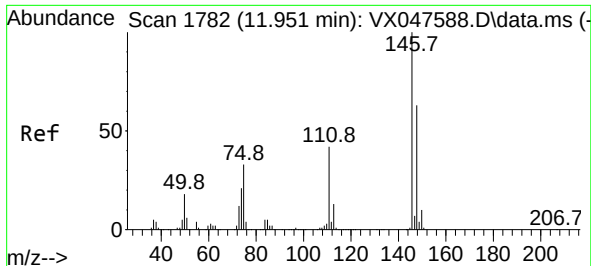


#86
 p-Isopropyltoluene
 Concen: 50.304 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048009.D
 Acq: 06 Oct 2025 08:54



Tgt Ion:119 Resp: 381535
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.4 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 48.736 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 199939

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

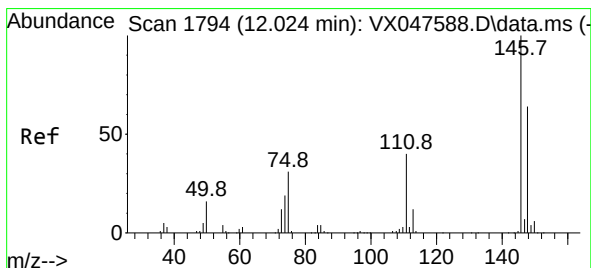
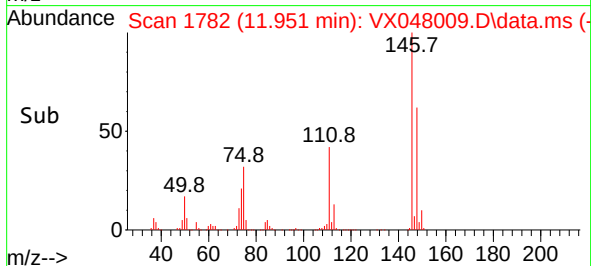
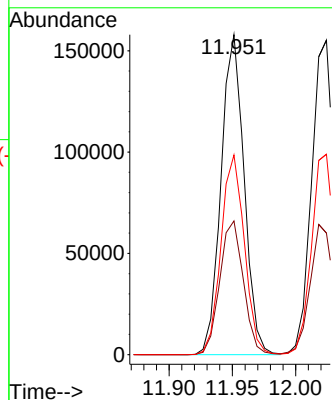
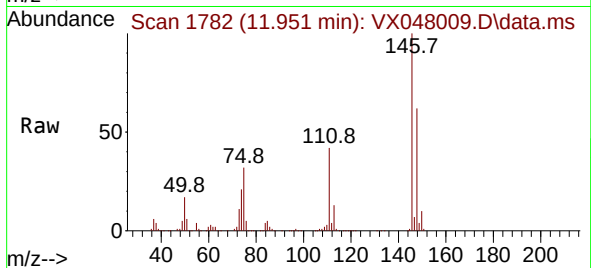
148 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#88

1,4-Dichlorobenzene

Concen: 47.560 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

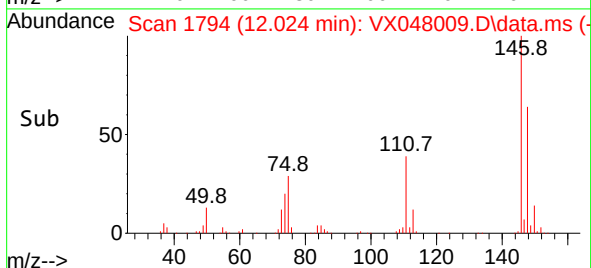
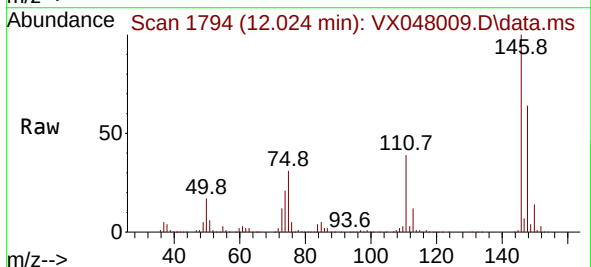
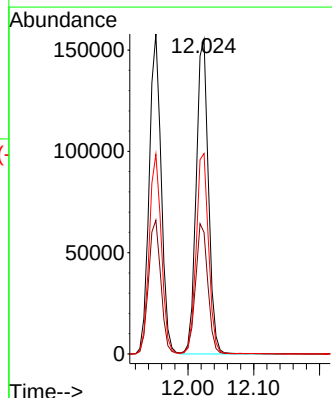
Tgt Ion:146 Resp: 200253

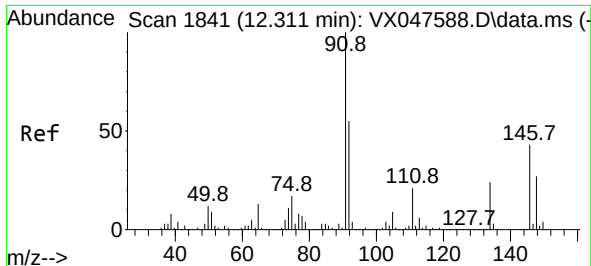
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.4

148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 50.876 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 357040

Ion Ratio Lower Upper

91 100

92 54.1 27.6 82.7

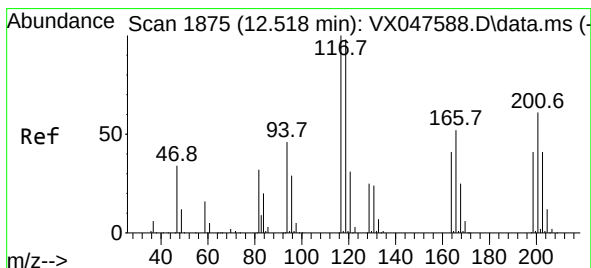
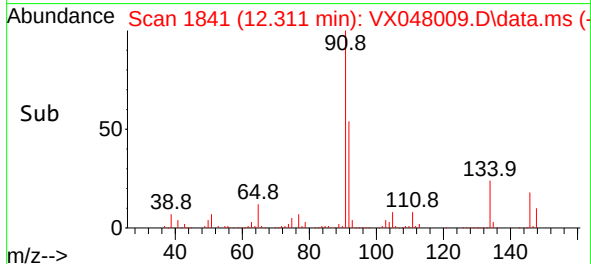
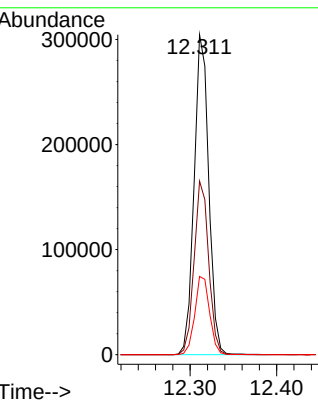
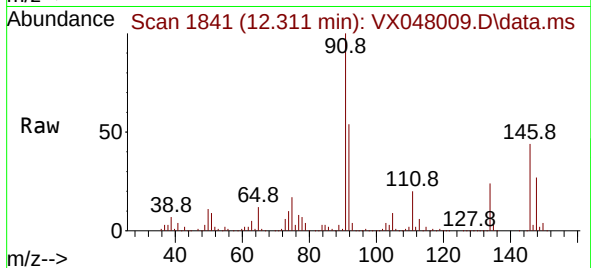
134 24.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#90

Hexachloroethane

Concen: 53.809 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048009.D

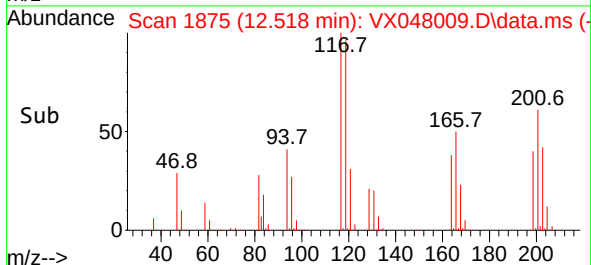
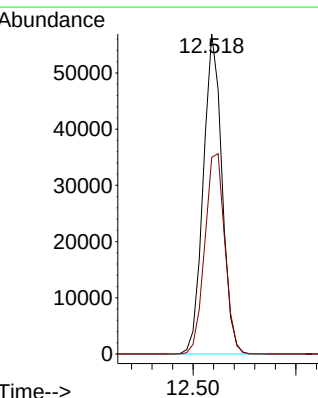
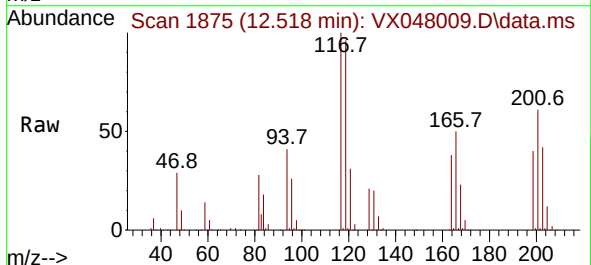
Acq: 06 Oct 2025 08:54

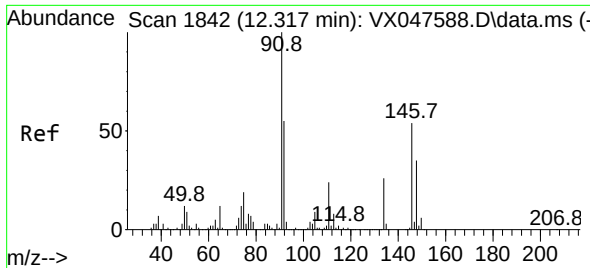
Tgt Ion:117 Resp: 71652

Ion Ratio Lower Upper

117 100

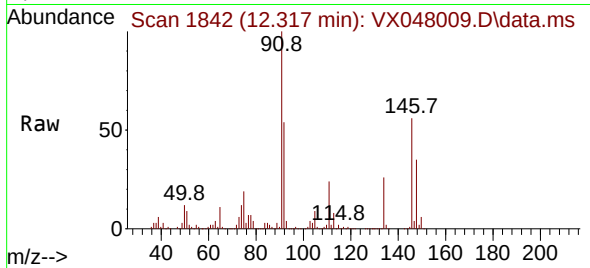
201 67.1 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 49.247 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

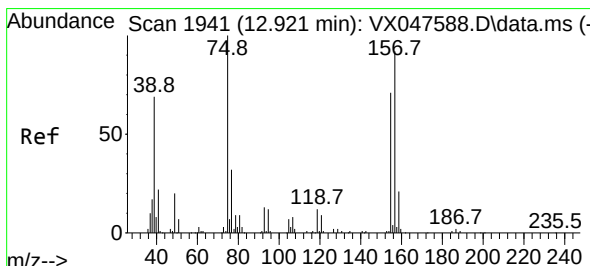
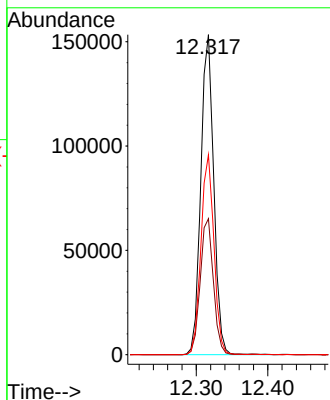
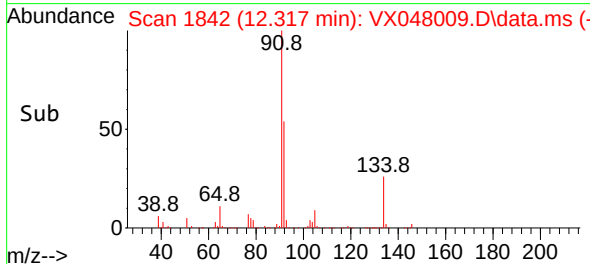
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 192479
Ion Ratio Lower Upper
146 100
111 43.4 22.2 66.6
148 62.9 31.8 95.4

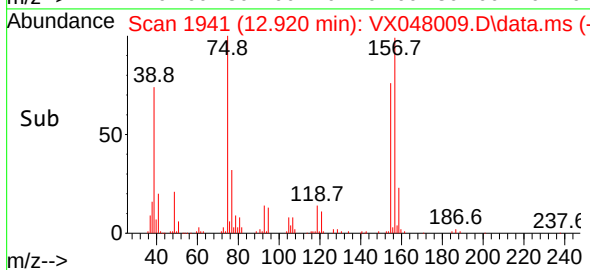
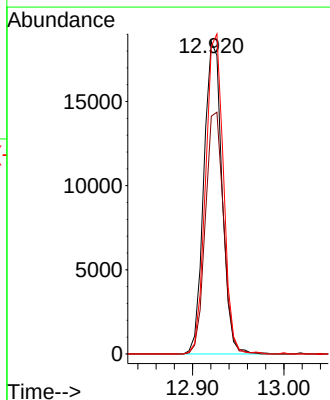
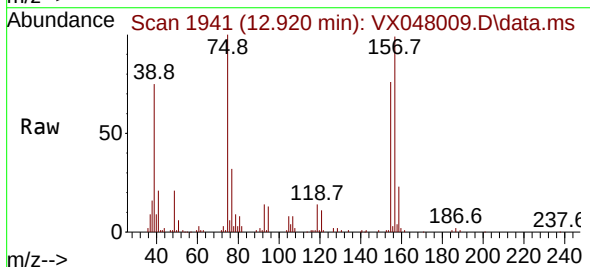
Manual Integrations
APPROVED

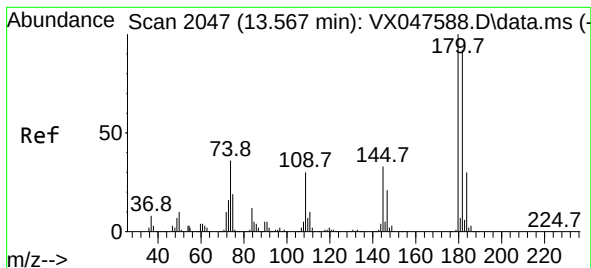
Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.501 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

Tgt Ion: 75 Resp: 25544
Ion Ratio Lower Upper
75 100
155 77.4 37.7 113.1
157 100.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 46.952 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 11926

Ion Ratio Lower Upper

180 100

182 95.1 46.6 139.8

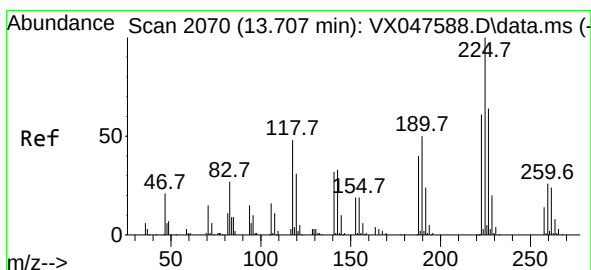
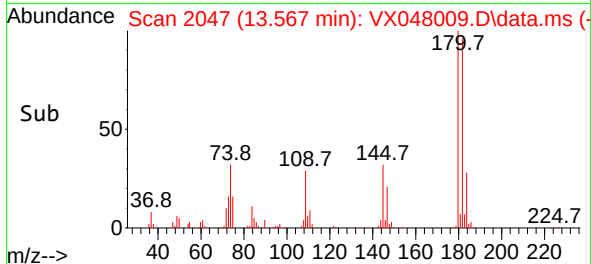
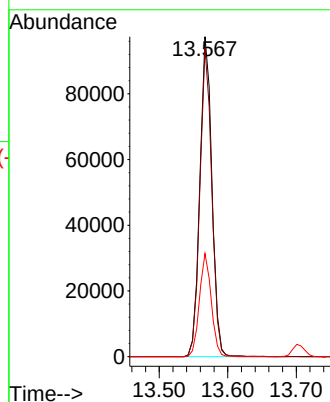
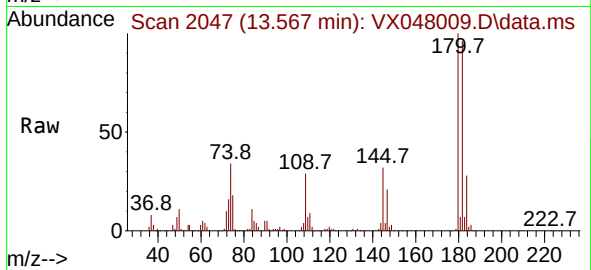
145 31.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2025

Supervised By :Mahesh Dadoda 10/07/2025



#94

Hexachlorobutadiene

Concen: 48.107 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048009.D

Acq: 06 Oct 2025 08:54

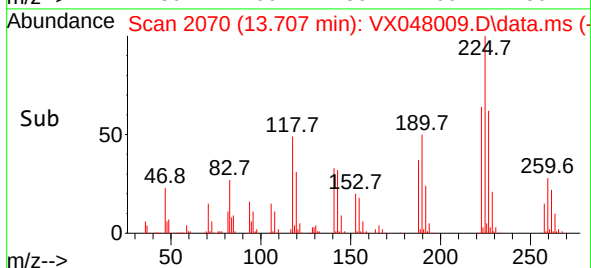
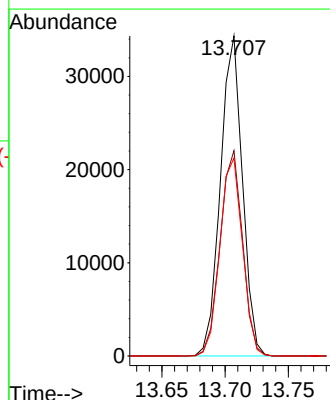
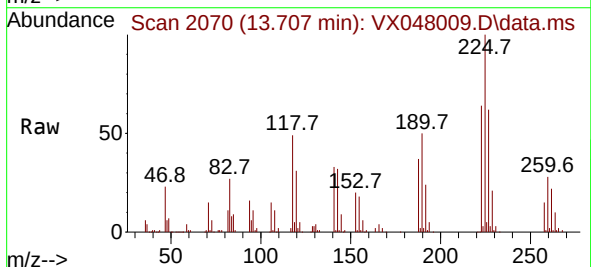
Tgt Ion:225 Resp: 41507

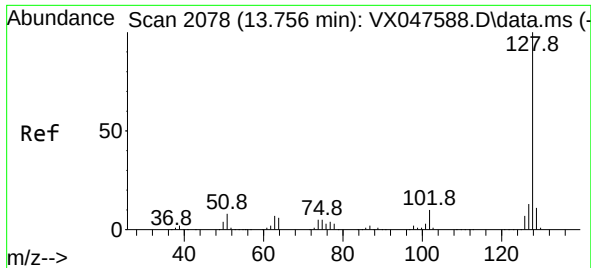
Ion Ratio Lower Upper

225 100

223 65.2 31.7 95.1

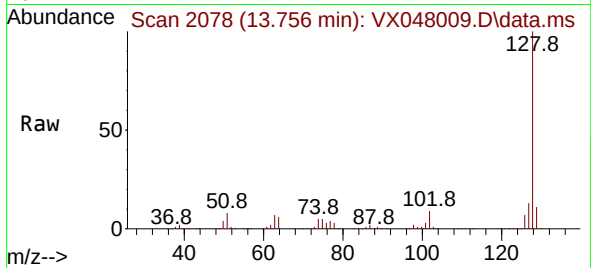
227 63.5 32.0 96.0





#95
Naphthalene
Concen: 44.839 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54

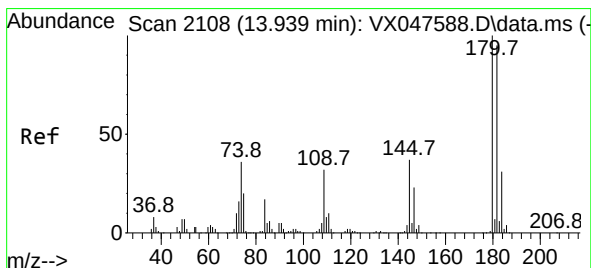
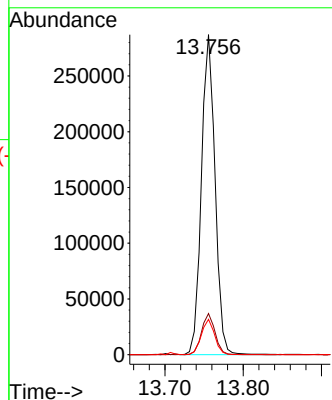
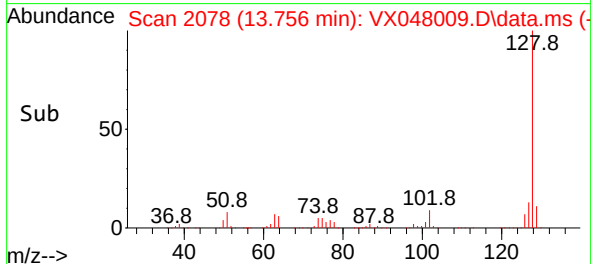
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



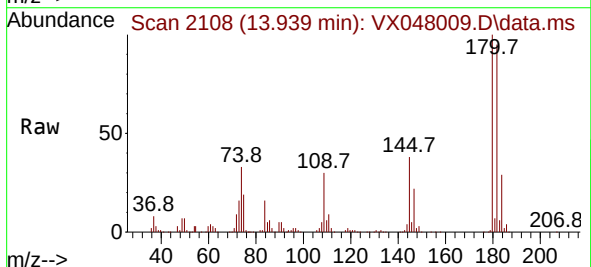
Tgt Ion:128 Resp: 346829
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.179 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048009.D
Acq: 06 Oct 2025 08:54



Tgt Ion:180 Resp: 111480
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.8
145 36.0 17.9 53.7

