

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048163.D
 Acq On : 14 Oct 2025 14:11
 Operator : JC/MD
 Sample : VX1014MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:44:20 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	5.544	168	123544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	218821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	95130	48.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.760%		
35) Dibromofluoromethane	5.373	113	74355	50.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.635	98	244710	48.191	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.061	95	99584	51.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	25737	20.118	ug/l	99
3) Chloromethane	1.307	50	33083	19.676	ug/l	99
4) Vinyl Chloride	1.380	62	33628	20.432	ug/l	100
5) Bromomethane	1.618	94	24429	23.407	ug/l	95
6) Chloroethane	1.697	64	22075	20.067	ug/l	99
7) Trichlorofluoromethane	1.898	101	50254	20.564	ug/l	99
8) Diethyl Ether	2.136	74	18744	18.750	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	29998	20.993	ug/l	95
10) Methyl Iodide	2.459	142	32101	14.404	ug/l	97
11) Tert butyl alcohol	2.947	59	18270	83.418	ug/l	97
12) 1,1-Dichloroethene	2.325	96	29764	20.278	ug/l	93
13) Acrolein	2.239	56	16411	81.312	ug/l	93
14) Allyl chloride	2.666	41	54353	17.945	ug/l	98
15) Acrylonitrile	3.062	53	77126	95.070	ug/l	99
16) Acetone	2.373	43	67790	79.282	ug/l	96
17) Carbon Disulfide	2.520	76	91643	22.806	ug/l	99
18) Methyl Acetate	2.703	43	32921	17.300	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	98957	18.468	ug/l	100
20) Methylene Chloride	2.794	84	36099	19.945	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	32783	20.745	ug/l	100
22) Diisopropyl ether	3.757	45	114596	19.522	ug/l	100
23) Vinyl Acetate	3.721	43	422550	89.940	ug/l	99
24) 1,1-Dichloroethane	3.611	63	63358	20.307	ug/l	99
25) 2-Butanone	4.544	43	92213	86.458	ug/l	95
26) 2,2-Dichloropropane	4.477	77	48727	18.788	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	38388	19.835	ug/l	98
28) Bromochloromethane	4.885	49	29264	21.484	ug/l	100
29) Tetrahydrofuran	4.989	42	57161	89.089	ug/l	99
30) Chloroform	5.086	83	65756	20.856	ug/l	98
31) Cyclohexane	5.458	56	50100	19.280	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	55242	20.657	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40592	18.929	ug/l	97
37) Ethyl Acetate	4.702	43	38828	16.911	ug/l	99
38) Carbon Tetrachloride	5.672	117	49318	21.167	ug/l	99
39) Methylcyclohexane	7.367	83	46532	19.116	ug/l	93
40) Benzene	6.025	78	133523	20.501	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	21902	18.477	ug/l	98
42) 1,2-Dichloroethane	6.074	62	49571	20.003	ug/l	98
43) Isopropyl Acetate	6.330	43	66469	17.651	ug/l	100
44) Trichloroethene	7.110	130	32865	20.871	ug/l	99
45) 1,2-Dichloropropane	7.415	63	33837	20.289	ug/l	98
46) Dibromomethane	7.574	93	25347	20.885	ug/l	99
47) Bromodichloromethane	7.805	83	53373	21.312	ug/l	97
48) Methyl methacrylate	7.684	41	33193	17.696	ug/l	98
49) 1,4-Dioxane	7.647	88	7262	383.094	ug/l	90
51) 4-Methyl-2-Pentanone	8.561	43	197271	94.485	ug/l	98
52) Toluene	8.702	92	83622	20.839	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	49544	19.395	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	53586	19.626	ug/l	95
55) 1,1,2-Trichloroethane	9.141	97	31806	20.556	ug/l	97
56) Ethyl methacrylate	9.104	69	44737	18.411	ug/l	97
57) 1,3-Dichloropropane	9.293	76	55683	20.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	96545	90.452	ug/l	100
59) 2-Hexanone	9.415	43	135668	90.475	ug/l	99
60) Dibromochloromethane	9.506	129	40026	22.451	ug/l	98
61) 1,2-Dibromoethane	9.598	107	33442	21.220	ug/l	99
64) Tetrachloroethene	9.256	164	29986	21.376	ug/l	99
65) Chlorobenzene	10.061	112	92790	18.981	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	33120	19.633	ug/l	97
67) Ethyl Benzene	10.177	91	157513	18.674	ug/l	97
68) m/p-Xylenes	10.287	106	117984	37.580	ug/l	98
69) o-Xylene	10.628	106	54802	18.047	ug/l	98
70) Styrene	10.640	104	98962	18.599	ug/l	98
71) Bromoform	10.787	173	26619	21.132	ug/l #	97
73) Isopropylbenzene	10.945	105	129165	14.951	ug/l	98
74) N-amyl acetate	10.829	43	57759	14.661	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	41175	15.753	ug/l	98
76) 1,2,3-Trichloropropane	11.226	75	41196m	17.906	ug/l	
77) Bromobenzene	11.183	156	35038	16.467	ug/l	92
78) n-propylbenzene	11.287	91	175152	17.151	ug/l	99
79) 2-Chlorotoluene	11.348	91	86967	13.904	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	107429	15.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	11799	13.078	ug/l	97
82) 4-Chlorotoluene	11.439	91	110557	14.966	ug/l	98
83) tert-Butylbenzene	11.695	119	112167	15.438	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	117027	16.263	ug/l	99
85) sec-Butylbenzene	11.872	105	150485	17.437	ug/l	100
86) p-Isopropyltoluene	11.994	119	120614	16.508	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	68376	17.301	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	68777	16.956	ug/l	98
89) n-Butylbenzene	12.317	91	109468	16.192	ug/l	97
90) Hexachloroethane	12.518	117	23964	18.681	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	63437	16.848	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8101	15.308	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	36743	15.015	ug/l	98
94) Hexachlorobutadiene	13.707	225	13110	15.773	ug/l	97
95) Naphthalene	13.756	128	102877	13.806	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	35435	15.567	ug/l	99

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Response via : Initial Calibration

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

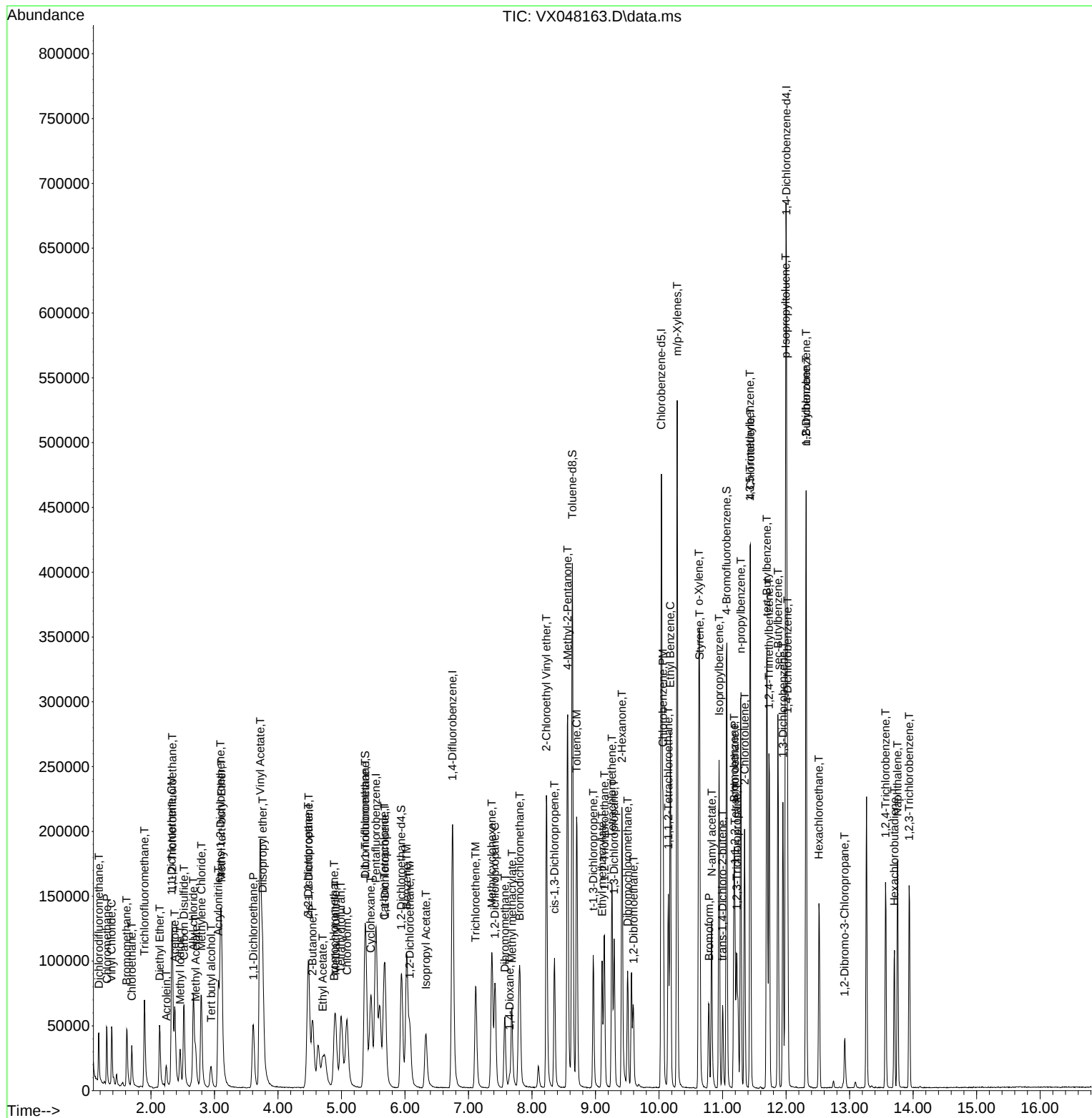
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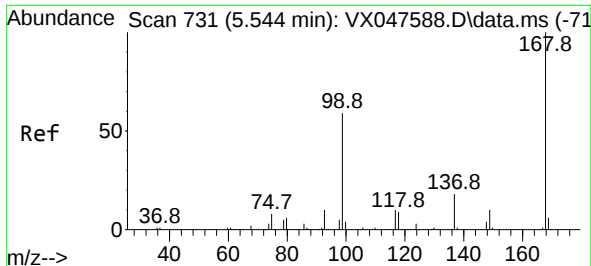
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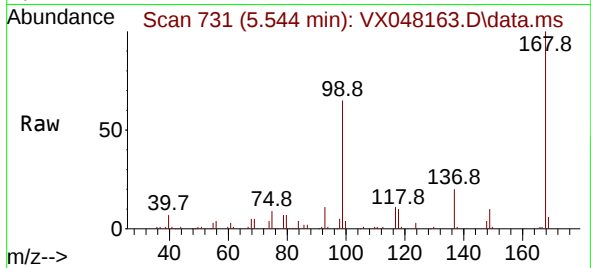
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048163.D
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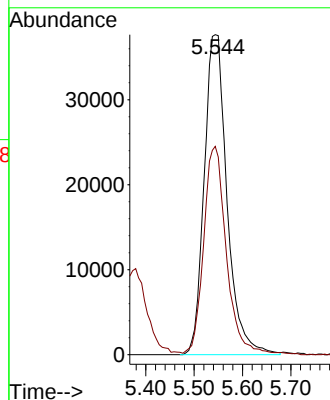
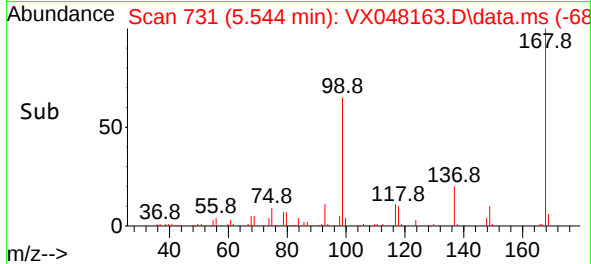
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 123544
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2

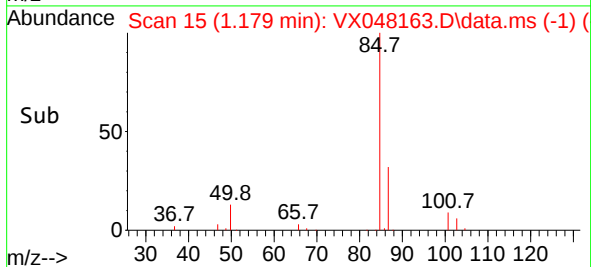
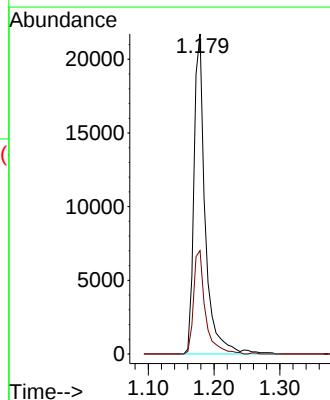
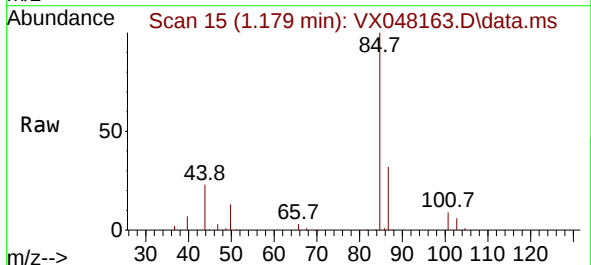
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#2
Dichlorodifluoromethane
Concen: 20.118 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

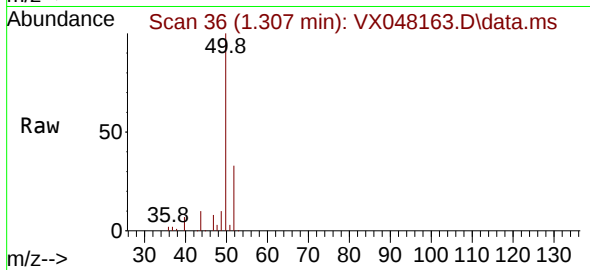
Tgt Ion: 85 Resp: 25737
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





#3
Chloromethane
Concen: 19.676 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

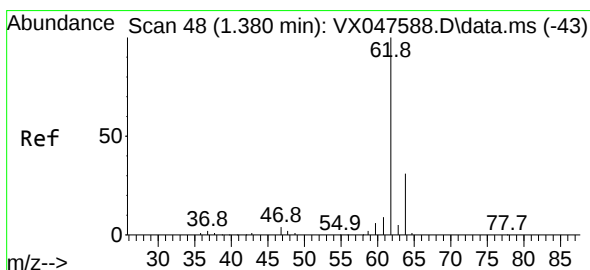
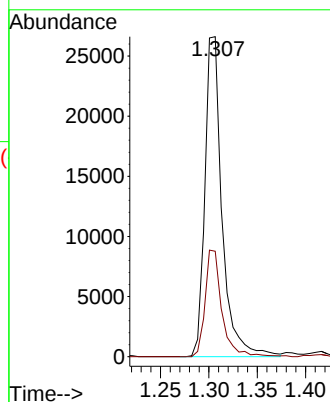
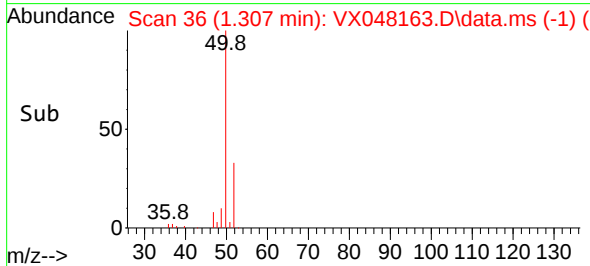
Instrument :
MSVOA_X
ClientSampleId :
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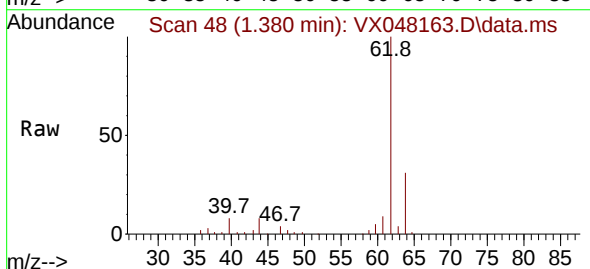
Tgt Ion: 50 Resp: 3308
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

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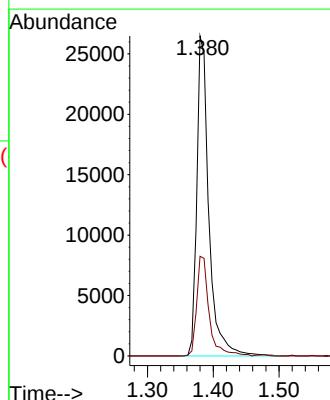
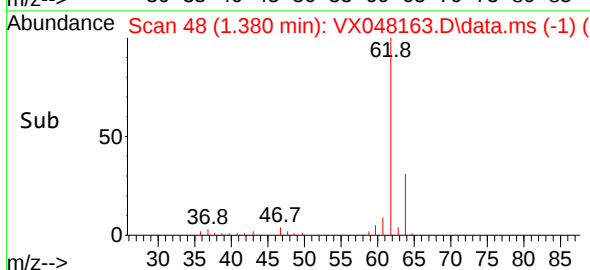
Reviewed By :John Carlone 10/15/2025
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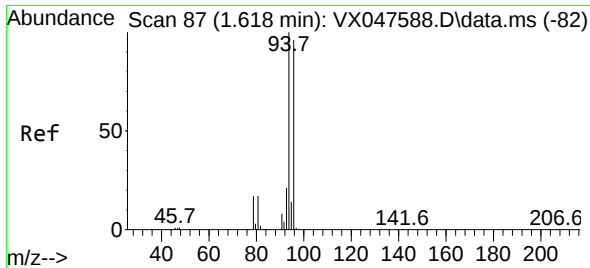


#4
Vinyl Chloride
Concen: 20.432 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



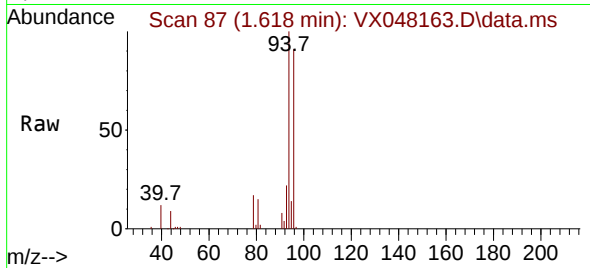
Tgt Ion: 62 Resp: 33628
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5
Bromomethane
Concen: 23.407 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

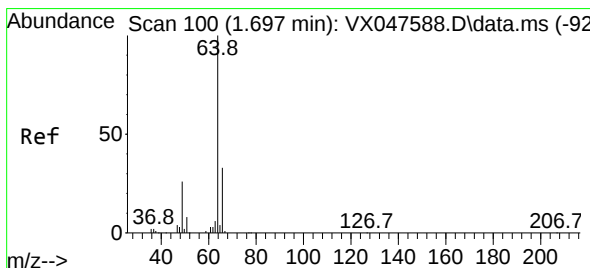
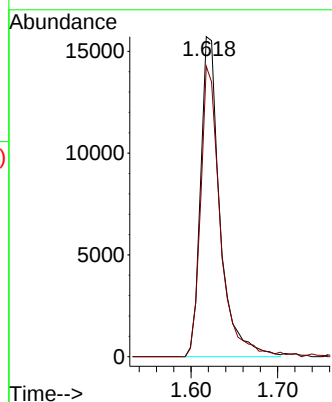
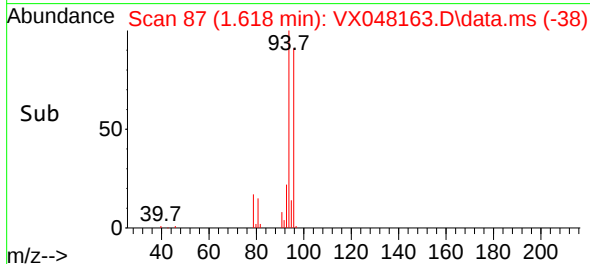
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Tgt Ion: 94 Resp: 24429
Ion Ratio Lower Upper
94 100
96 90.8 76.6 115.0

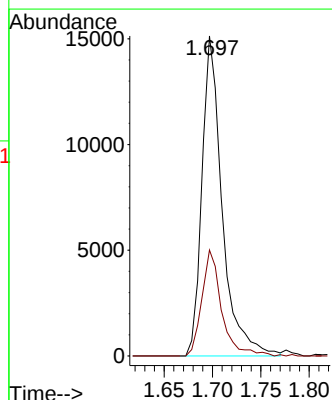
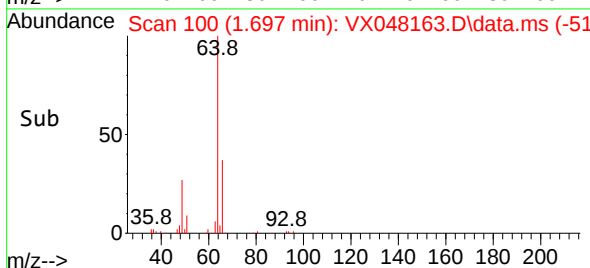
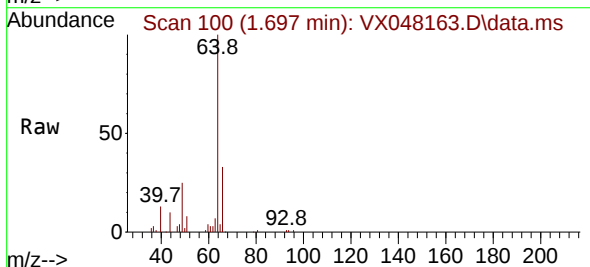
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#6
Chloroethane
Concen: 20.067 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

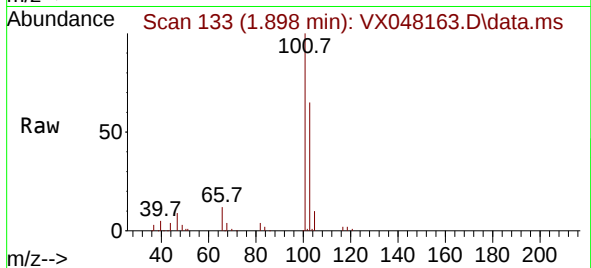
Tgt Ion: 64 Resp: 22075
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 20.564 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

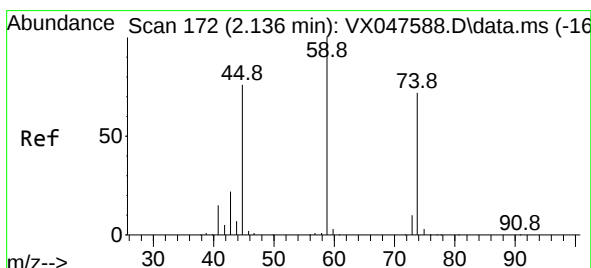
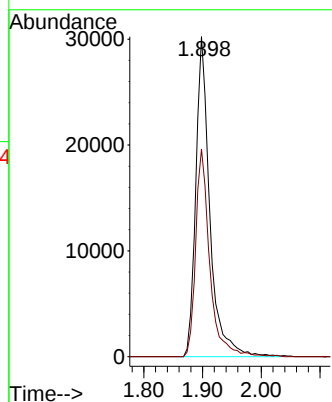
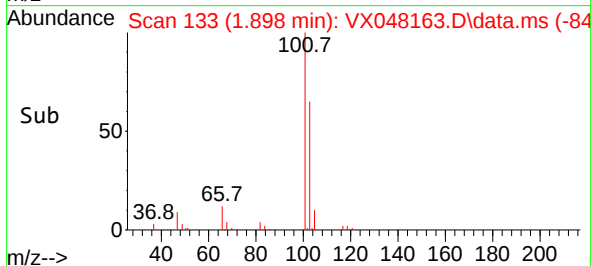
Instrument :
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Tgt Ion:101 Resp: 50254
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

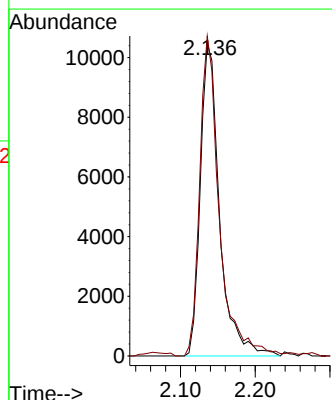
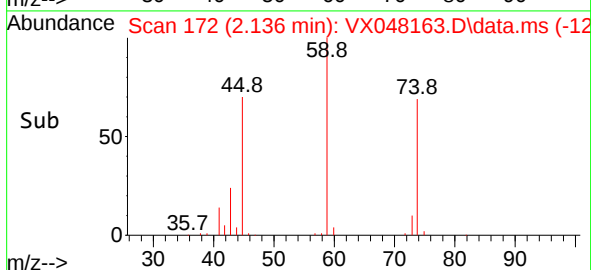
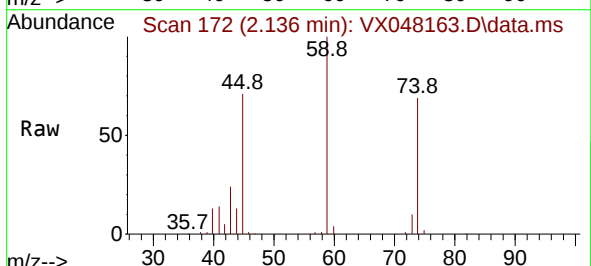
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#8
Diethyl Ether
Concen: 18.750 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 18744
Ion Ratio Lower Upper
74 100
45 103.8 52.3 156.8





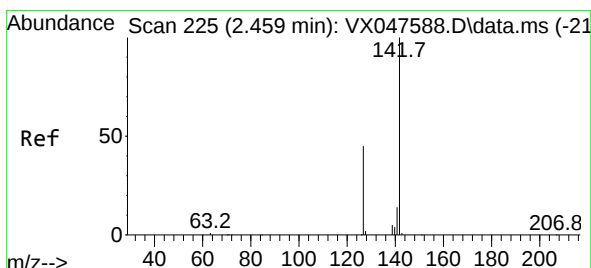
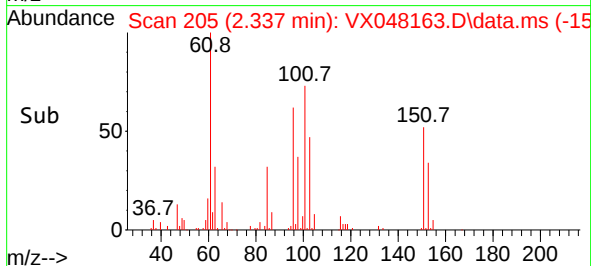
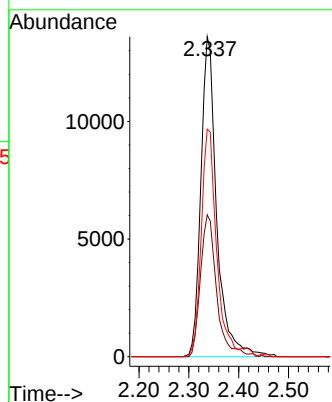
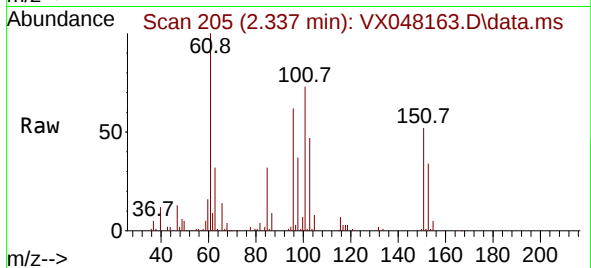
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.993 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion:101 Resp: 29998
Ion Ratio Lower Upper
101 100
85 45.3 35.5 53.3
151 68.4 59.4 89.0

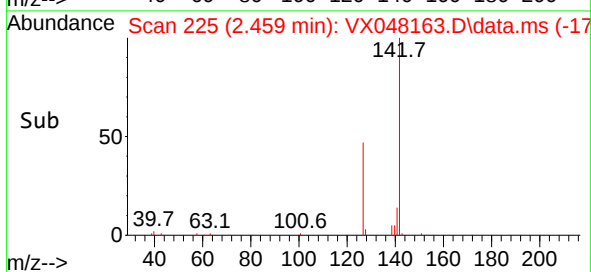
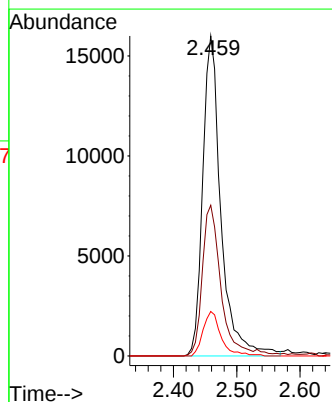
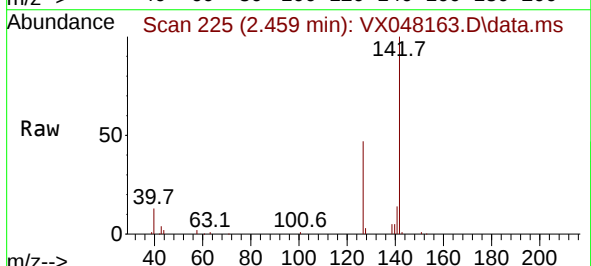
Manual Integrations
APPROVED

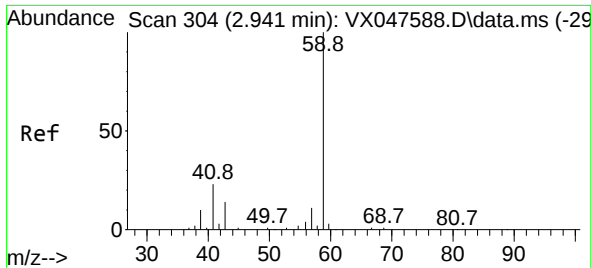
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 14.404 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

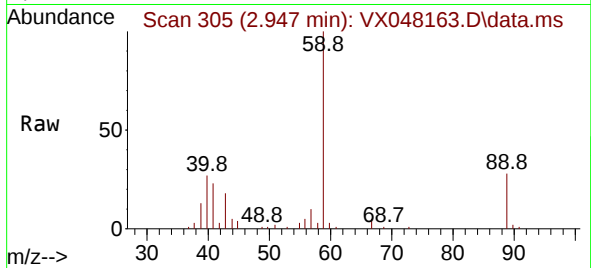
Tgt Ion:142 Resp: 32101
Ion Ratio Lower Upper
142 100
127 48.9 37.2 55.8
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 83.418 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

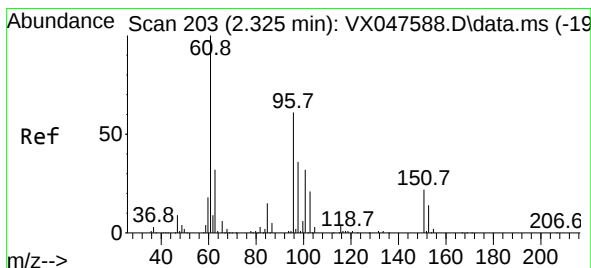
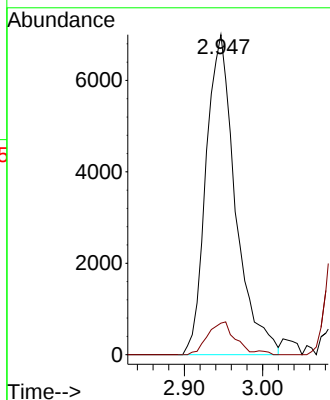
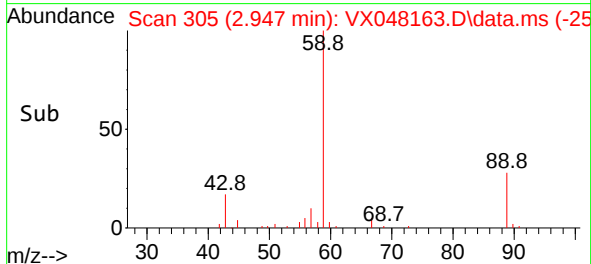
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



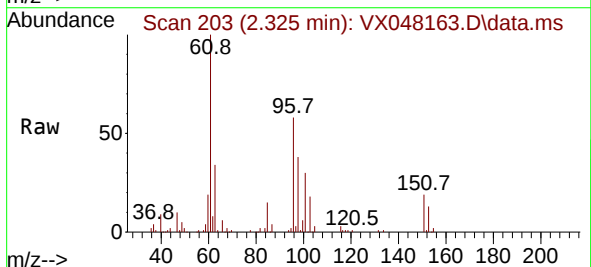
Tgt Ion: 59 Resp: 18270
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

Manual Integrations
APPROVED

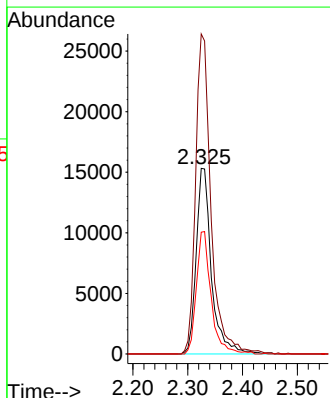
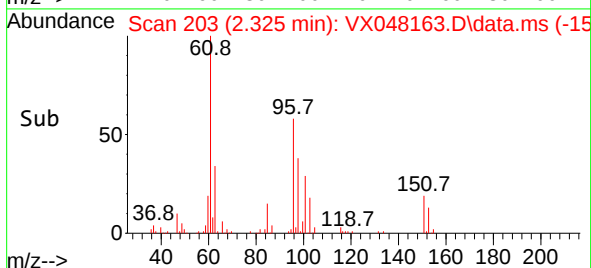
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

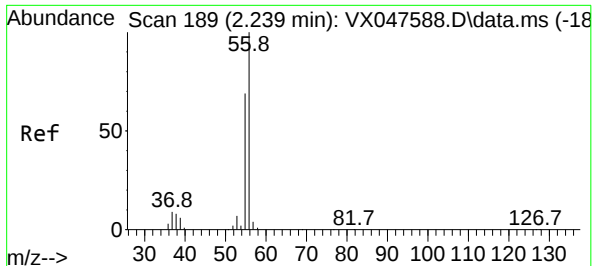


#12
1,1-Dichloroethene
Concen: 20.278 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



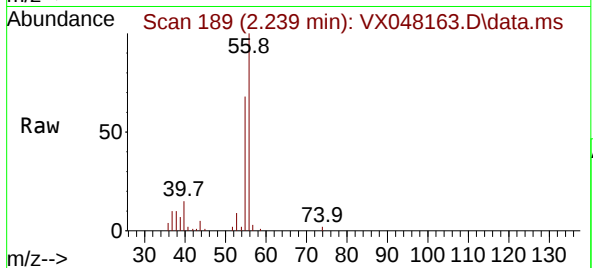
Tgt Ion: 96 Resp: 29764
Ion Ratio Lower Upper
96 100
61 172.5 131.0 196.6
98 65.6 47.7 71.5





#13
Acrolein
Concen: 81.312 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

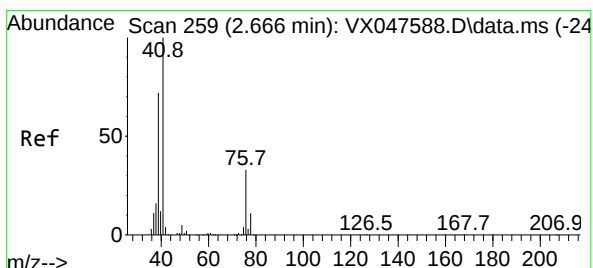
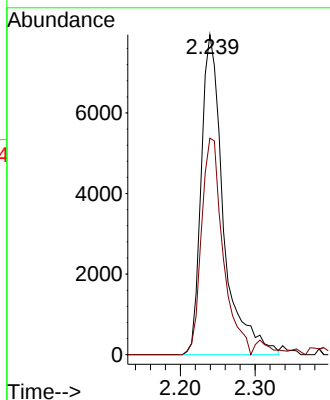
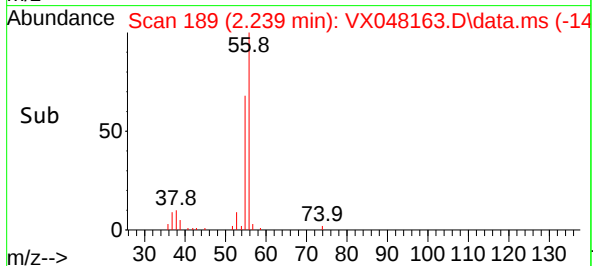
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 56 Resp: 1641
Ion Ratio Lower Upper
56 100
55 65.6 57.2 85.8

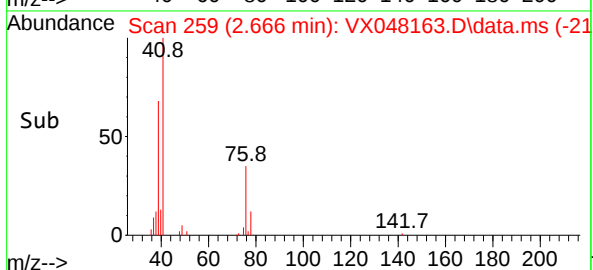
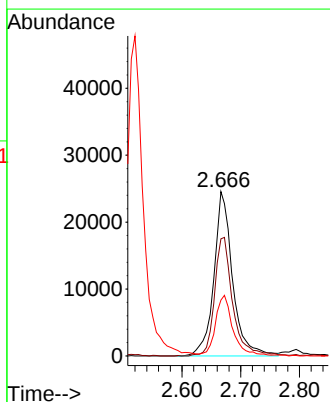
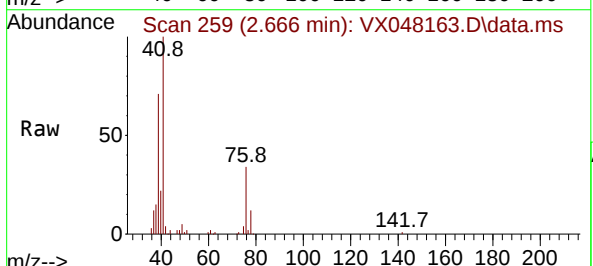
Manual Integrations
APPROVED

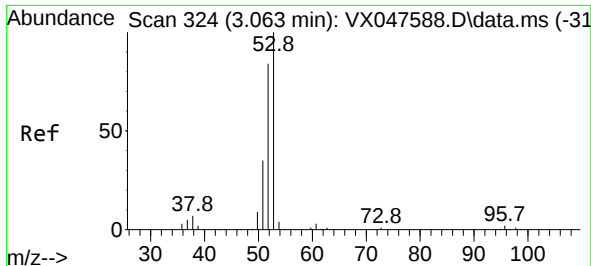
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 17.945 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

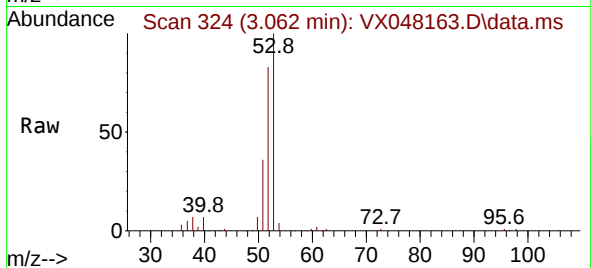
Tgt Ion: 41 Resp: 54353
Ion Ratio Lower Upper
41 100
39 69.9 54.7 82.1
76 33.1 25.7 38.5





#15
Acrylonitrile
Concen: 95.070 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

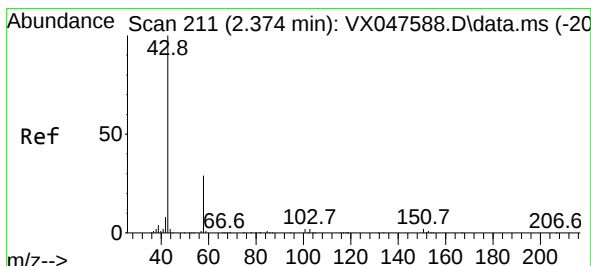
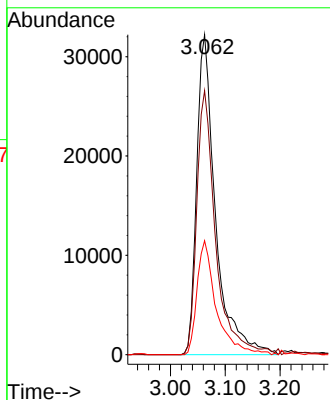
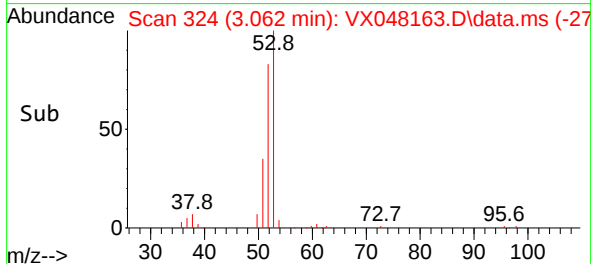
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 53 Resp: 77120
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.5 29.5 44.3

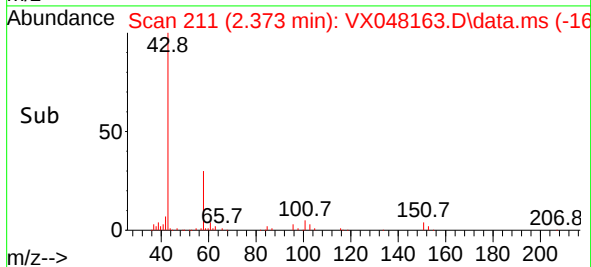
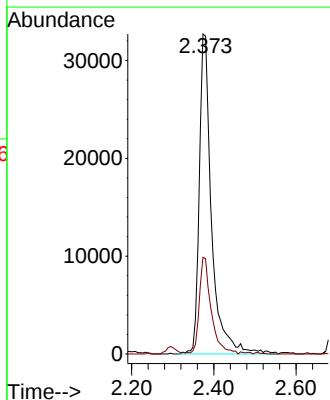
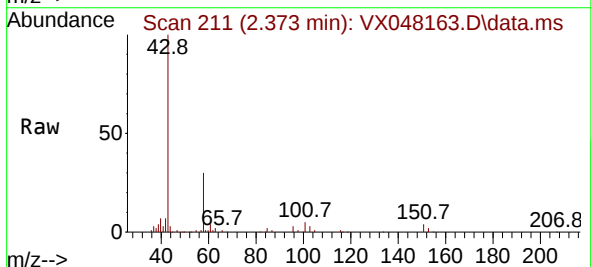
Manual Integrations
APPROVED

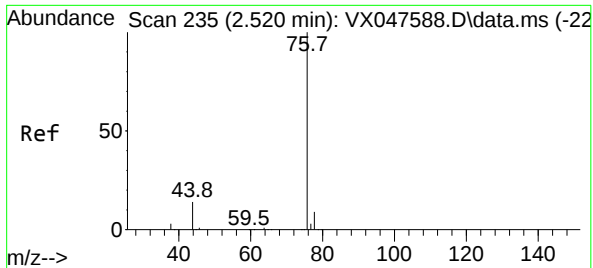
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#16
Acetone
Concen: 79.282 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion: 43 Resp: 67790
Ion Ratio Lower Upper
43 100
58 31.3 23.4 35.0





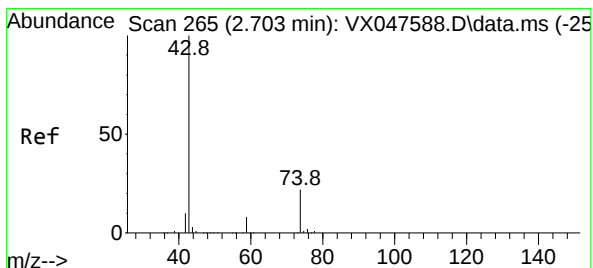
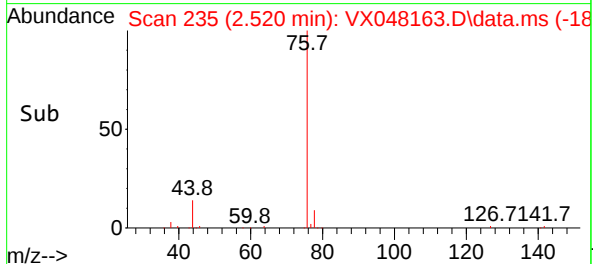
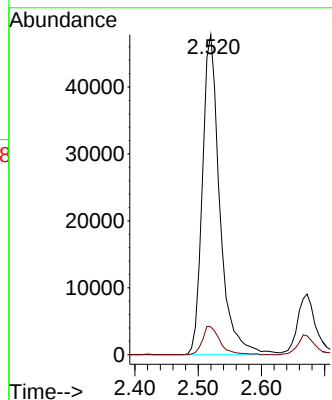
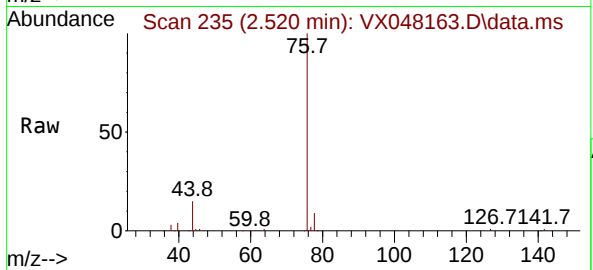
#17
Carbon Disulfide
Concen: 22.806 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 76 Resp: 9164
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

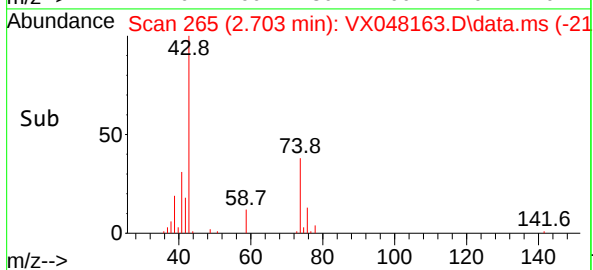
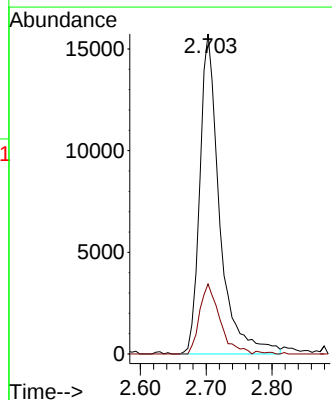
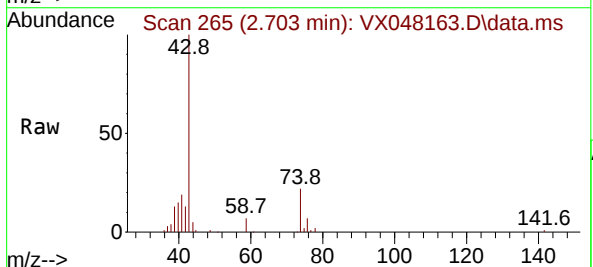
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#18
Methyl Acetate
Concen: 17.300 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

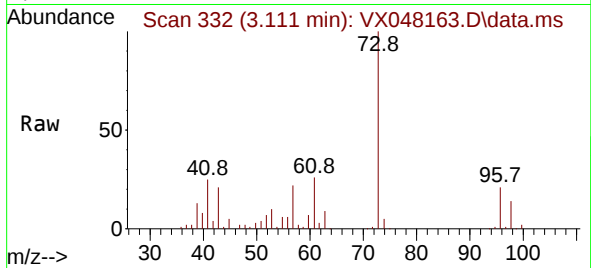
Tgt Ion: 43 Resp: 32921
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 18.468 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

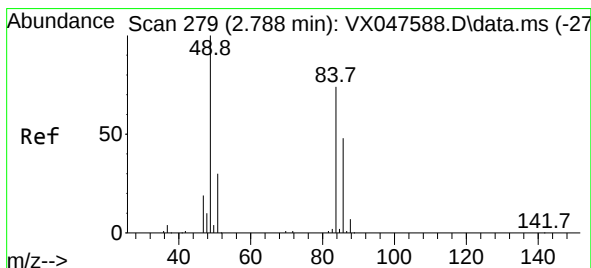
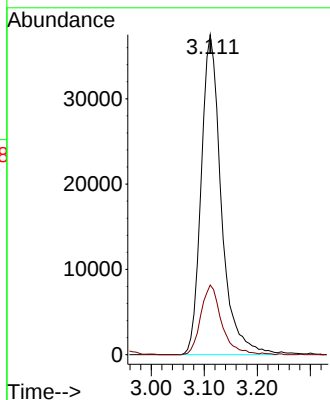
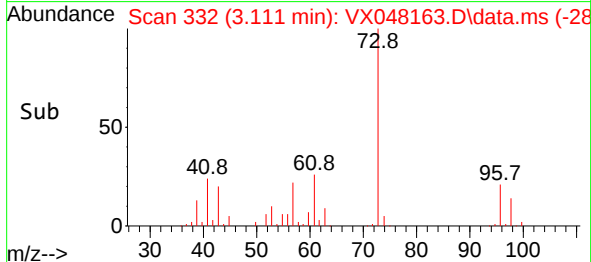
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 73 Resp: 9895
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

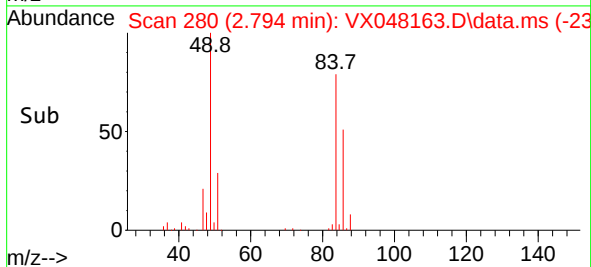
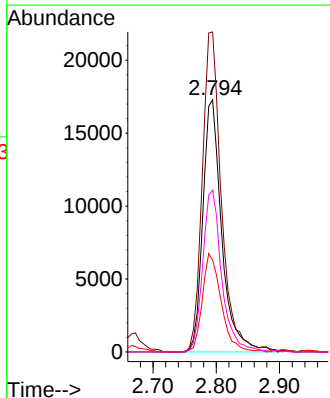
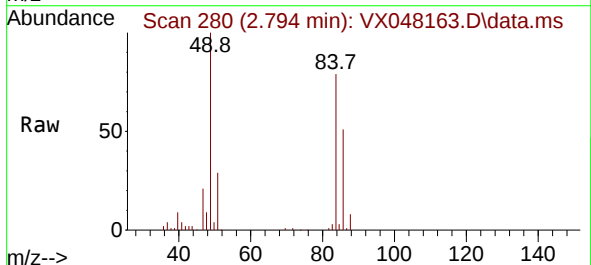
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#20
Methylene Chloride
Concen: 19.945 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

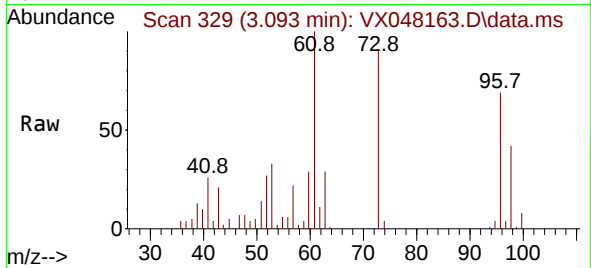
Tgt Ion: 84 Resp: 36099
Ion Ratio Lower Upper
84 100
49 122.9 108.6 162.8
51 35.3 32.6 48.8
86 62.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 20.745 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

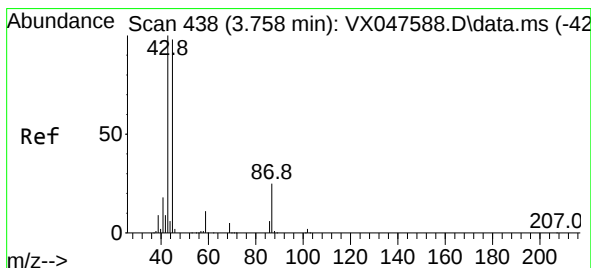
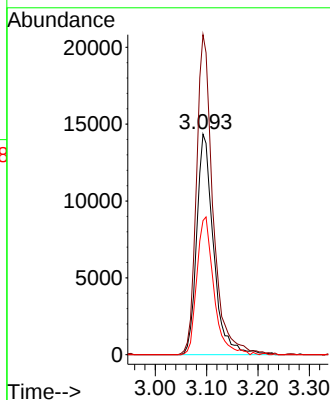
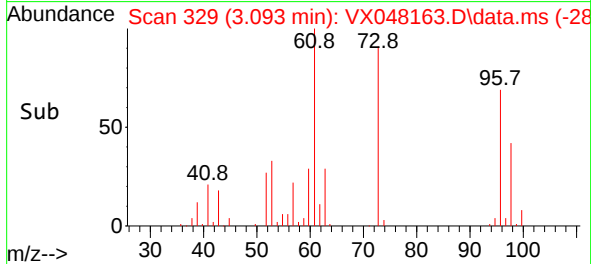
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



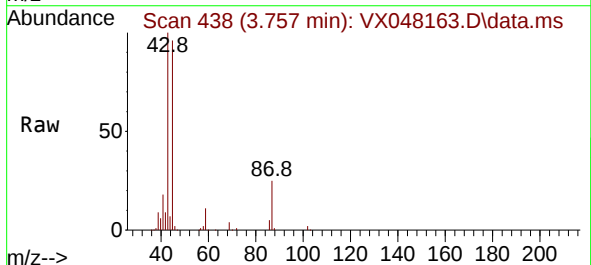
Tgt Ion: 96 Resp: 3278
Ion Ratio Lower Upper
96 100
61 145.2 116.2 174.2
98 60.8 49.3 73.9

Manual Integrations
APPROVED

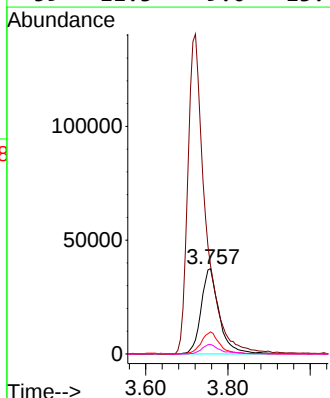
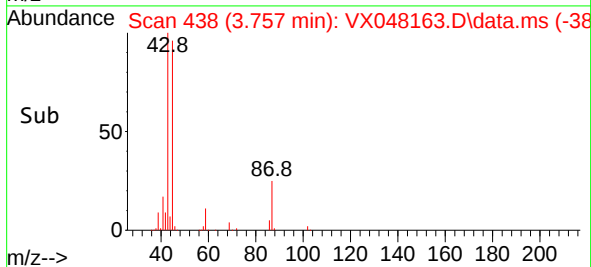
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

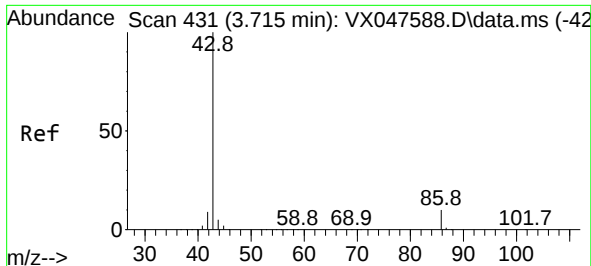


#22
Diisopropyl ether
Concen: 19.522 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



Tgt Ion: 45 Resp: 114596
Ion Ratio Lower Upper
45 100
43 101.0 81.0 121.4
87 26.0 20.3 30.5
59 11.3 9.0 13.4





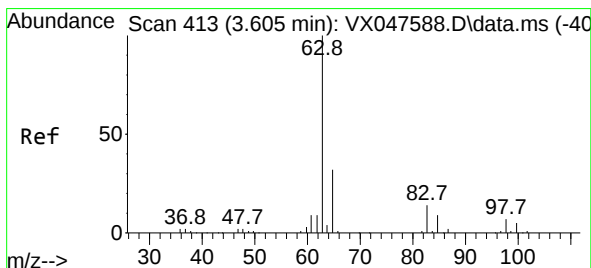
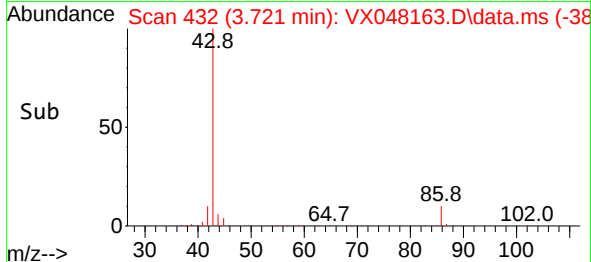
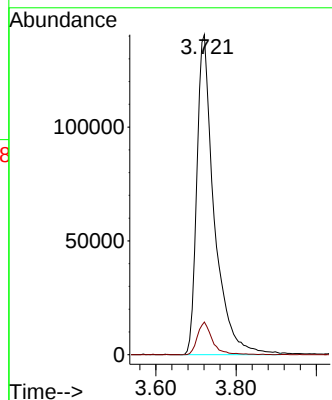
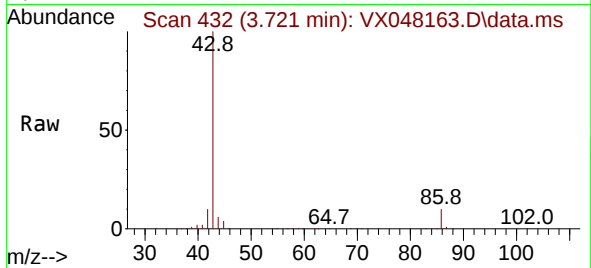
#23
 Vinyl Acetate
 Concen: 89.940 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Tgt Ion: 43 Resp: 422550
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

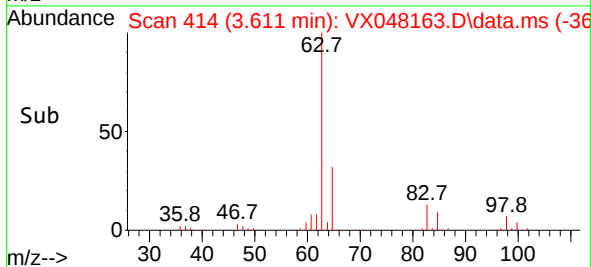
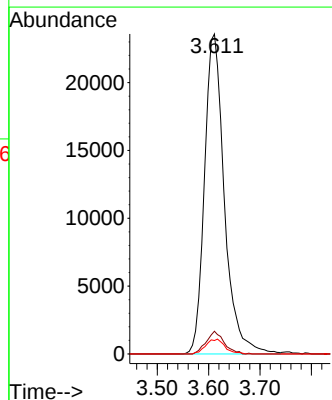
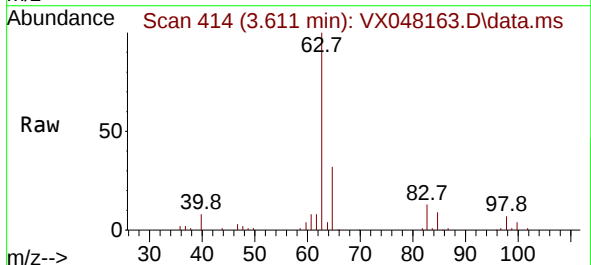
Manual Integrations
 APPROVED

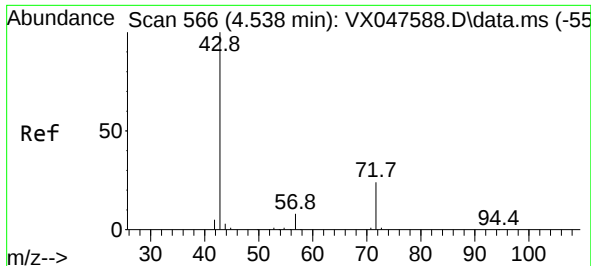
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#24
 1,1-Dichloroethane
 Concen: 20.307 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

Tgt Ion: 63 Resp: 63358
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.2 2.3 6.9





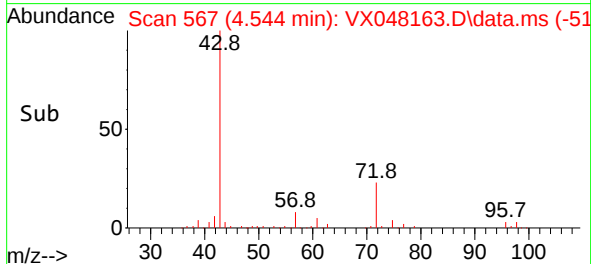
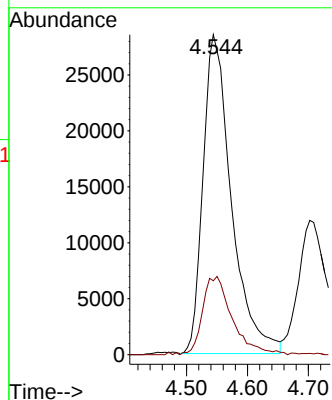
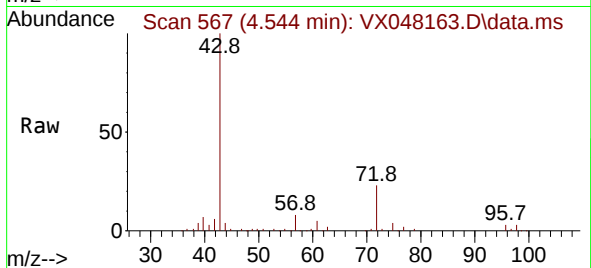
#25
2-Butanone
Concen: 86.458 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 43 Resp: 9221
Ion Ratio Lower Upper
43 100
72 22.7 20.1 30.1

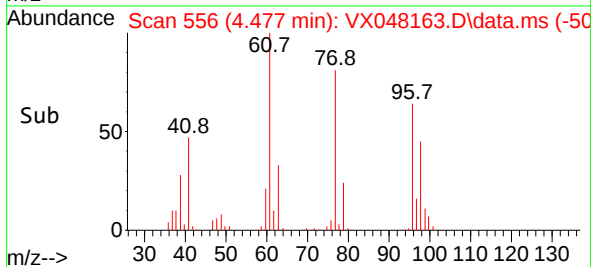
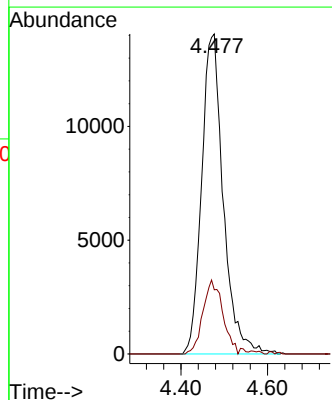
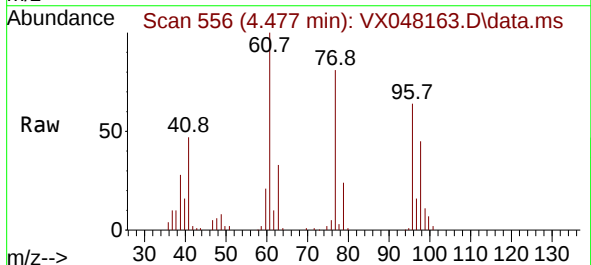
Manual Integrations
APPROVED

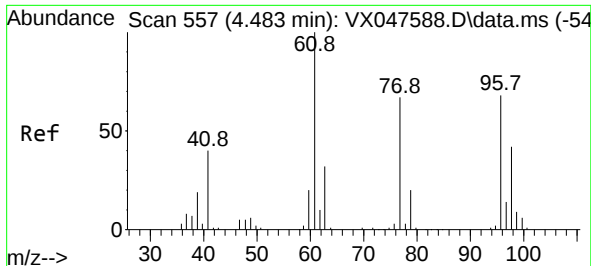
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 18.788 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

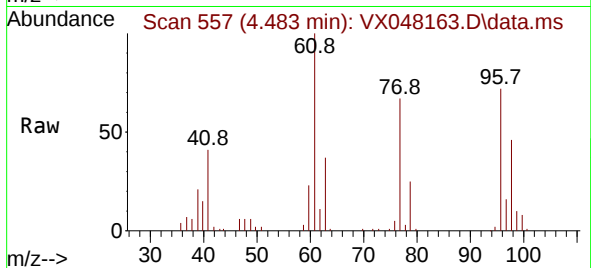
Tgt Ion: 77 Resp: 48727
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 19.835 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

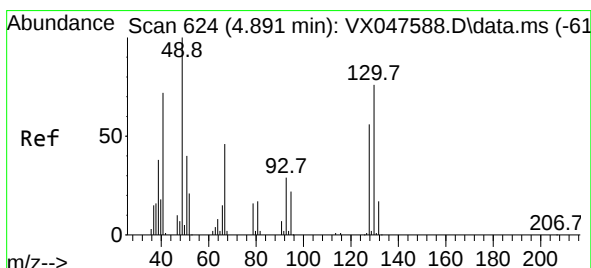
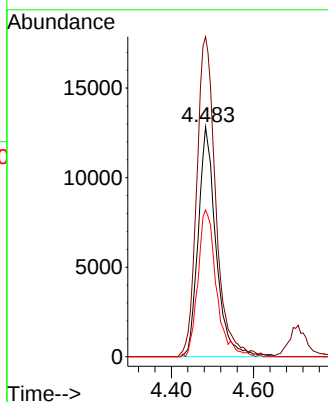
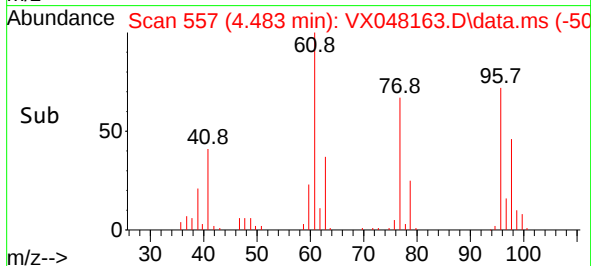
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



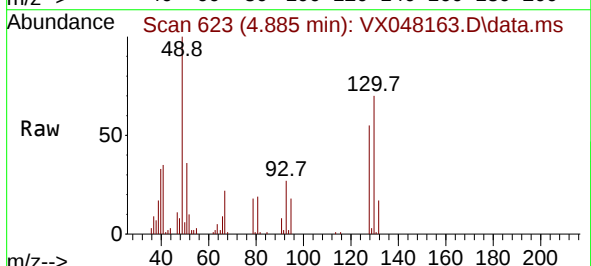
Tgt Ion: 96 Resp: 3838
Ion Ratio Lower Upper
96 100
61 149.6 0.0 303.2
98 66.3 0.0 127.8

Manual Integrations
APPROVED

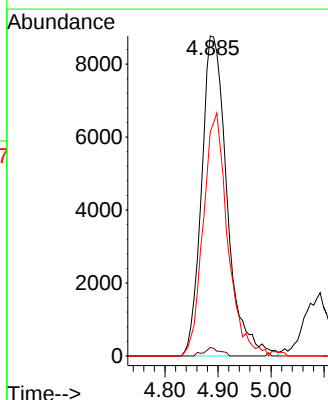
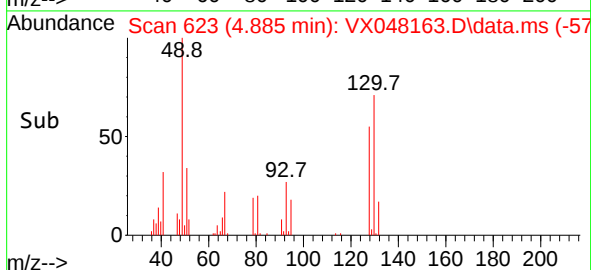
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

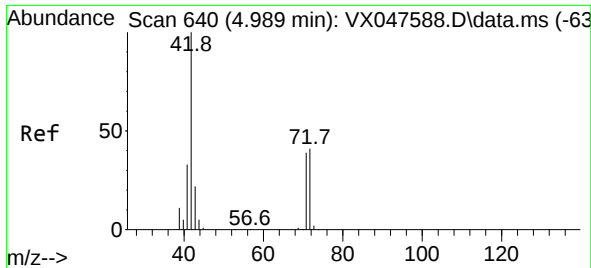


#28
Bromochloromethane
Concen: 21.484 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



Tgt Ion: 49 Resp: 29264
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 72.6 57.8 86.8





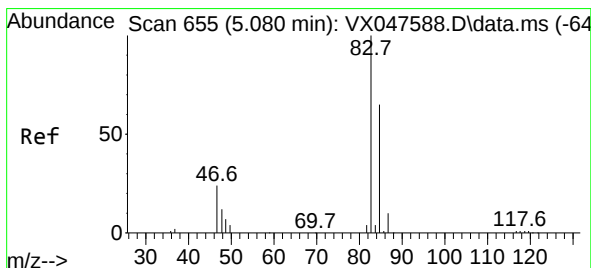
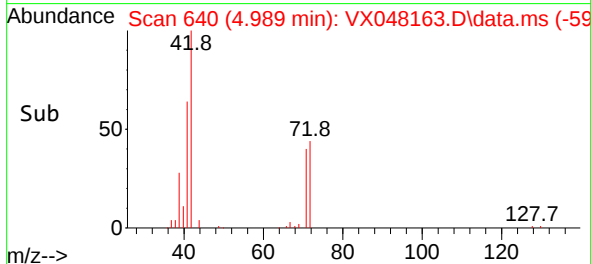
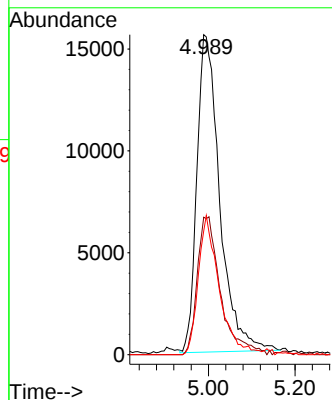
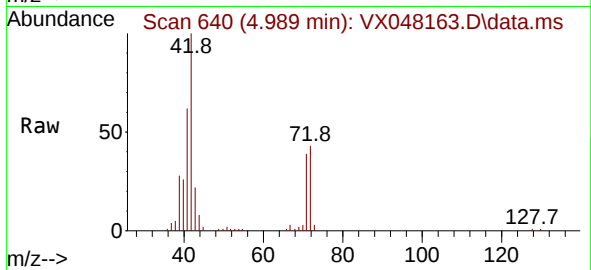
#29
Tetrahydrofuran
Concen: 89.089 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 42 Resp: 5716
Ion Ratio Lower Upper
42 100
72 44.1 34.2 51.2
71 40.1 31.9 47.9

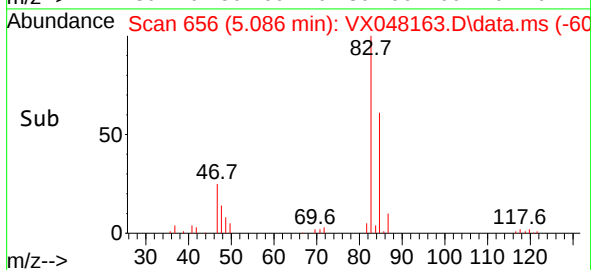
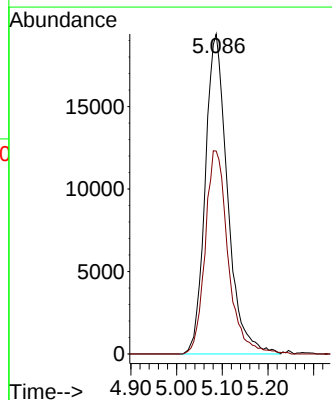
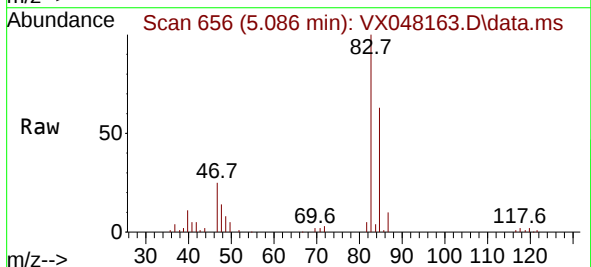
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#30
Chloroform
Concen: 20.856 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

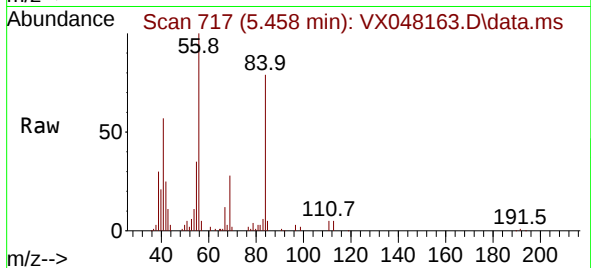
Tgt Ion: 83 Resp: 65756
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6





#31
Cyclohexane
Concen: 19.280 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

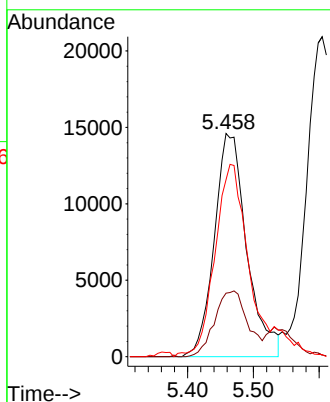
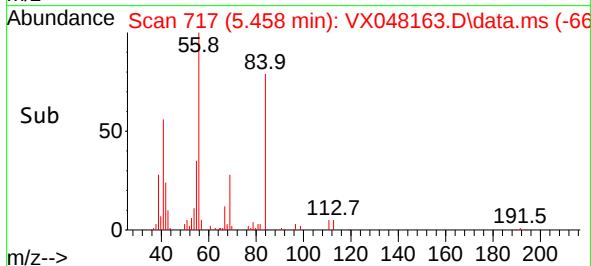
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 56 Resp: 50100
Ion Ratio Lower Upper
56 100
69 28.5 23.8 35.8
84 77.8 64.6 97.0

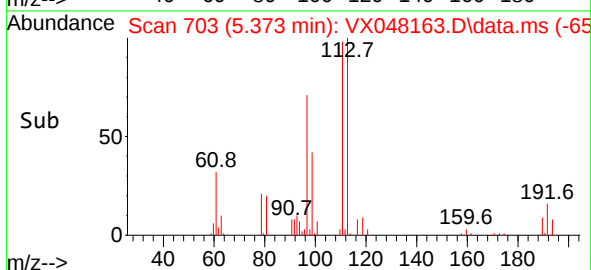
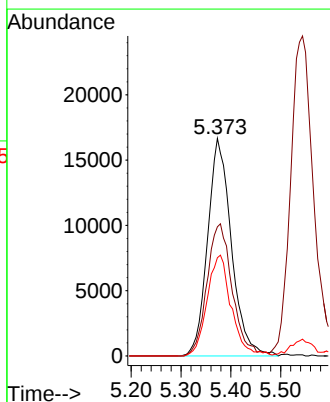
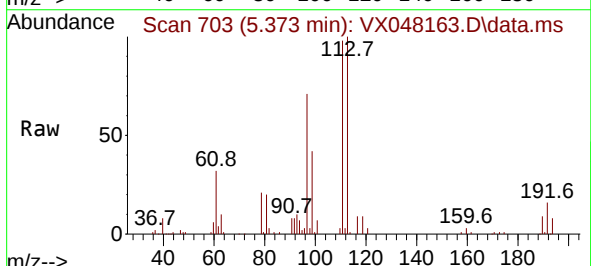
Manual Integrations
APPROVED

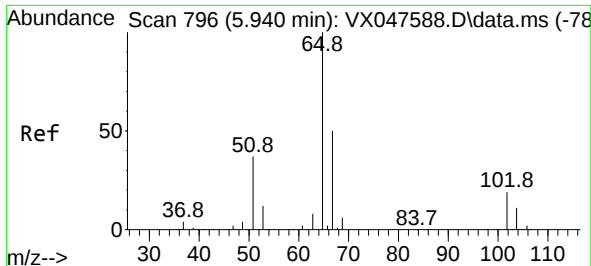
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 20.657 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion: 97 Resp: 55242
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 47.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.375 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01

Tgt Ion: 65 Resp: 95130

Ion Ratio Lower Upper

65 100

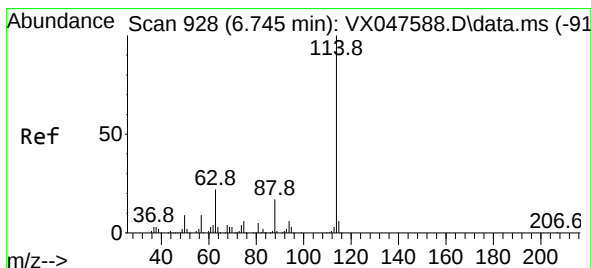
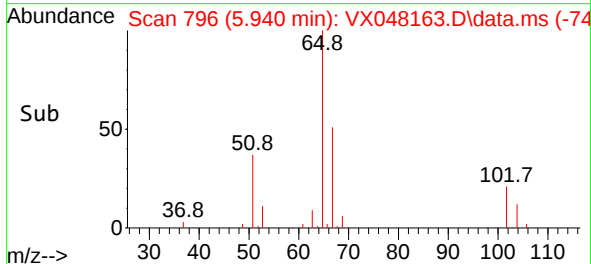
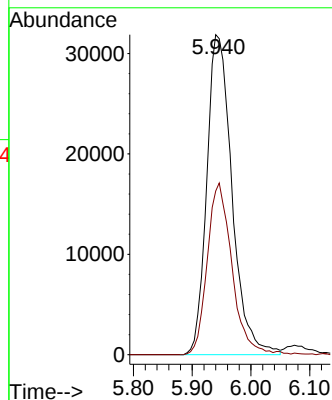
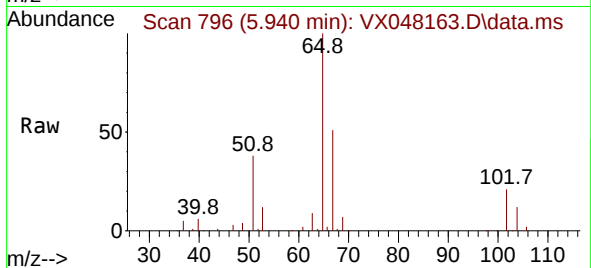
67 52.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

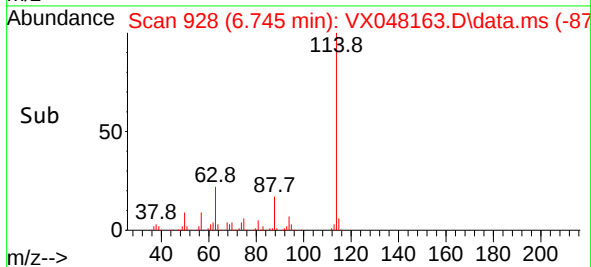
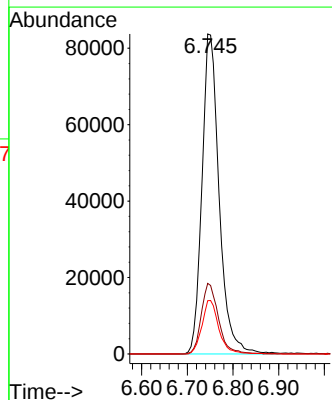
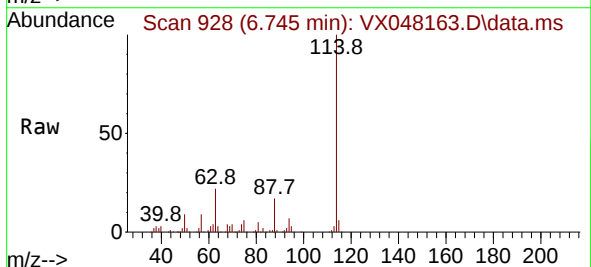
Tgt Ion:114 Resp: 218821

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

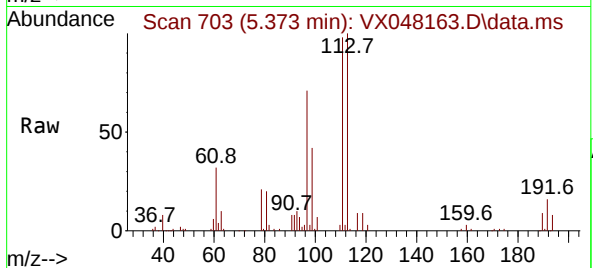
88 16.6 0.0 34.2





#35
Dibromofluoromethane
Concen: 50.667 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

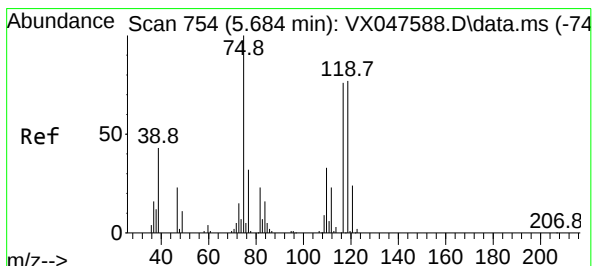
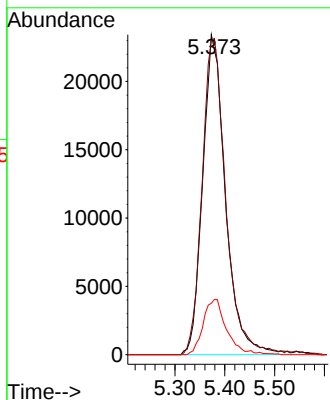
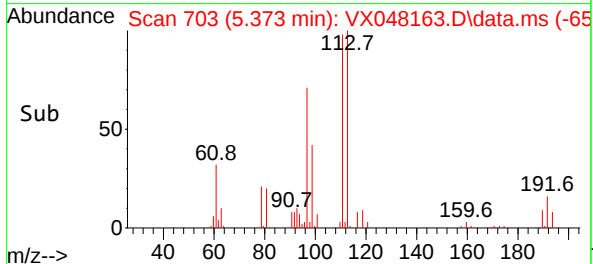
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 113 Resp: 7435
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.8 14.2 21.4

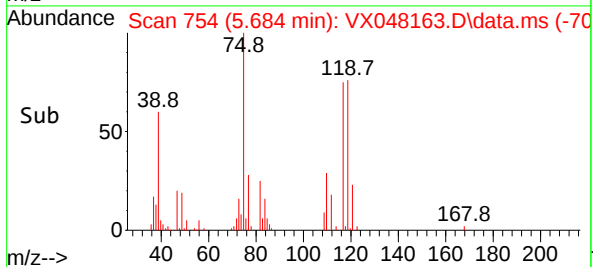
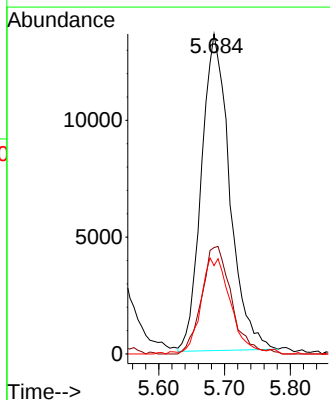
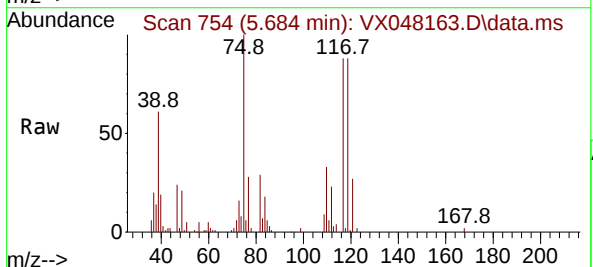
Manual Integrations
APPROVED

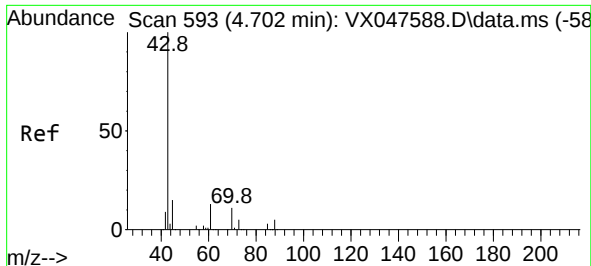
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#36
1,1-Dichloropropene
Concen: 18.929 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion: 75 Resp: 40592
Ion Ratio Lower Upper
75 100
110 35.8 16.7 50.1
77 31.7 24.3 36.5





#37

Ethyl Acetate

Concen: 16.911 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048163.D

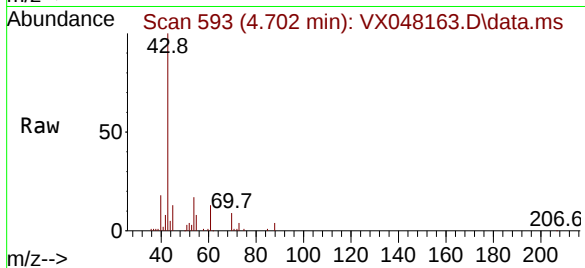
Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01



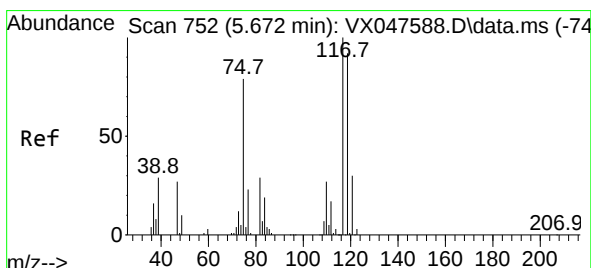
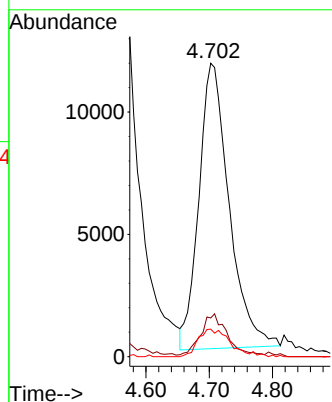
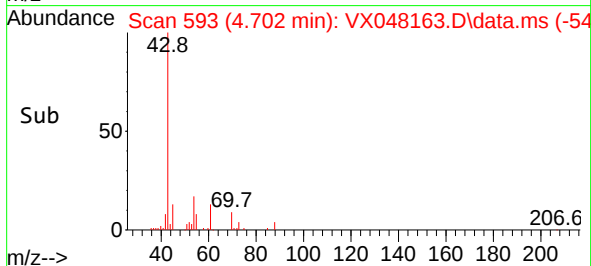
Tgt Ion:	43	Resp:	3882
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.8	14.8
70	10.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#38

Carbon Tetrachloride

Concen: 21.167 ug/l

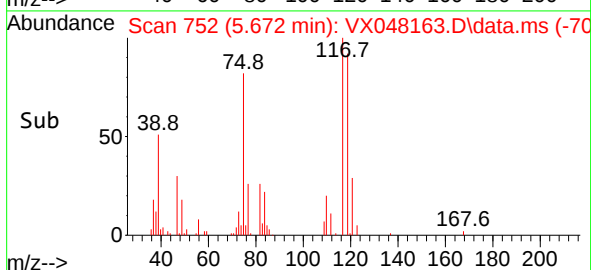
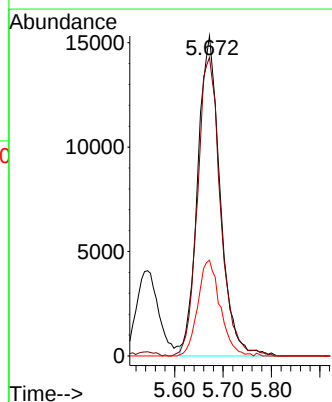
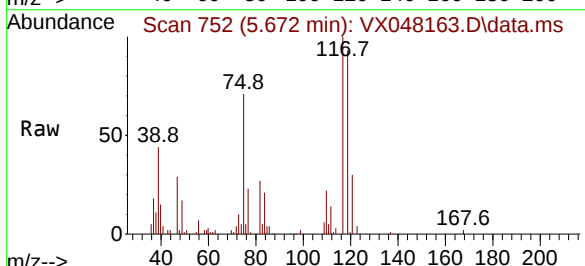
RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Tgt Ion:	117	Resp:	49318
Ion	Ratio	Lower	Upper
117	100		
119	93.4	73.4	110.2
121	29.9	23.8	35.6





#39

Methylcyclohexane

Concen: 19.116 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01

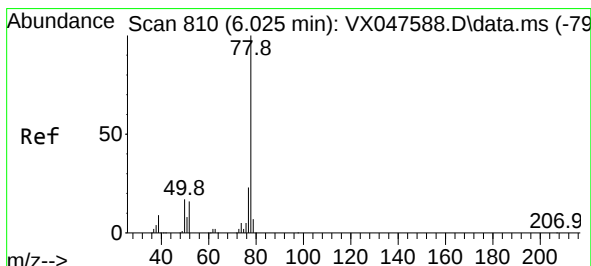
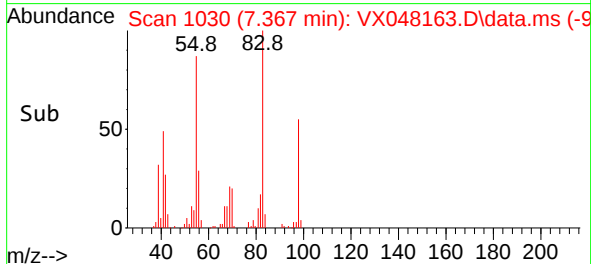
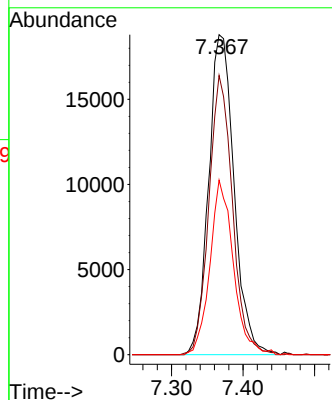
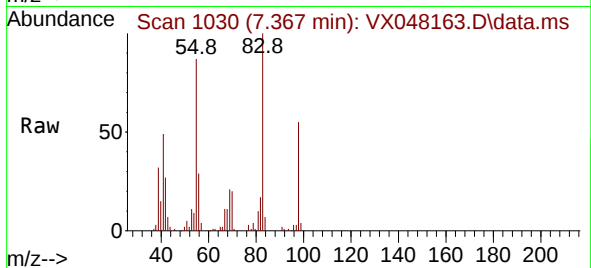
Tgt Ion:	83	Resp:	4653
Ion Ratio	Lower	Upper	
83	100		
55	87.2	66.4	99.6
98	54.6	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#40

Benzene

Concen: 20.501 ug/l

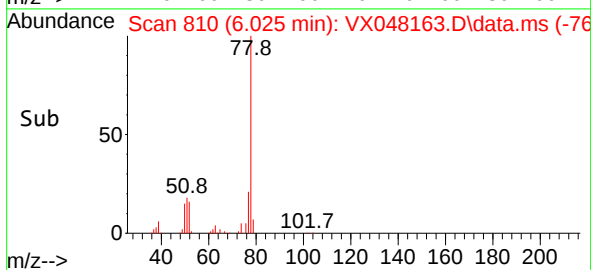
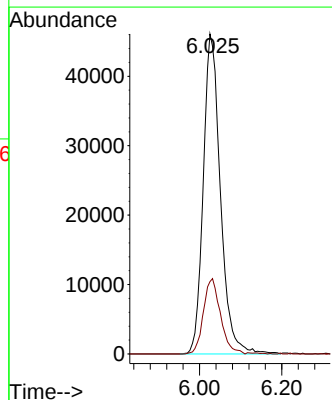
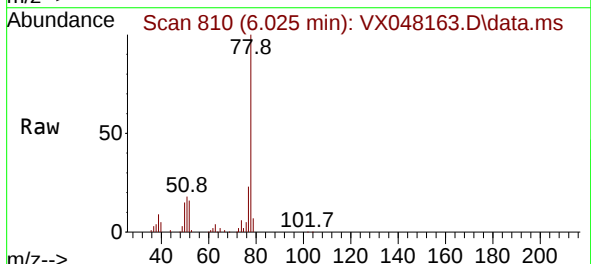
RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

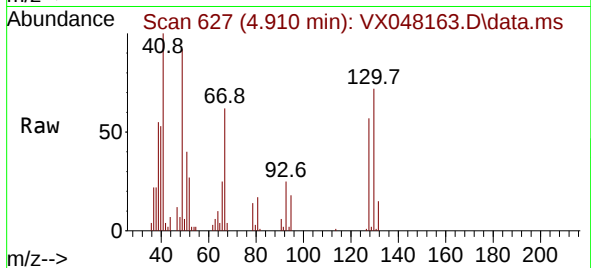
Tgt Ion:	78	Resp:	133523
Ion Ratio	Lower	Upper	
78	100		
77	22.6	18.8	28.2





#41
Methacrylonitrile
Concen: 18.477 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

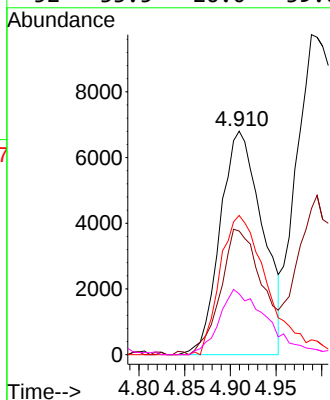
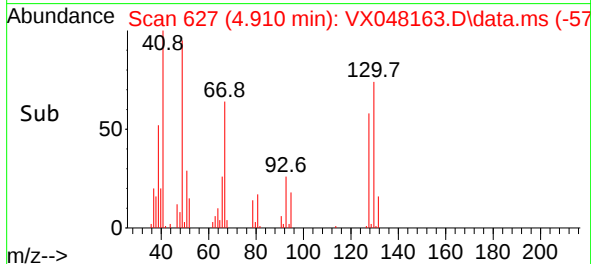
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 41 Resp: 2190
Ion Ratio Lower Upper
41 100
39 55.1 43.3 64.9
67 71.1 58.6 87.8
52 33.5 26.0 39.0

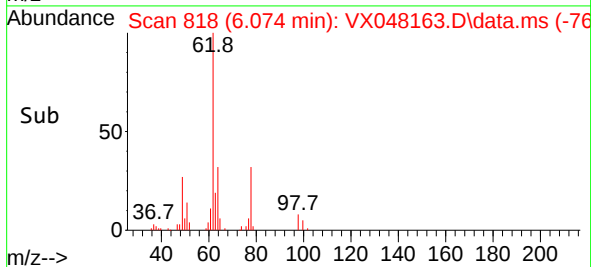
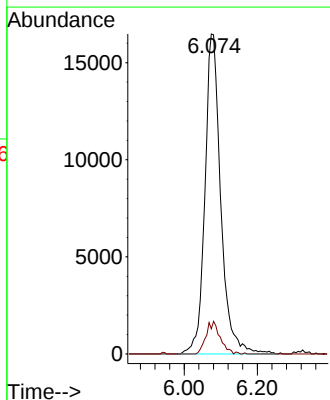
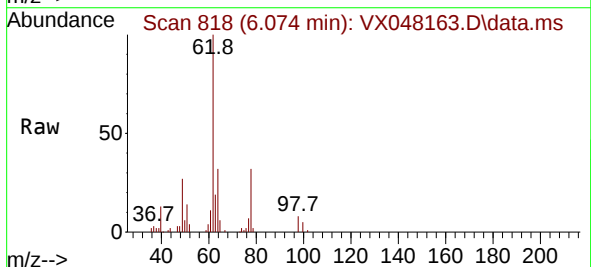
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#42
1,2-Dichloroethane
Concen: 20.003 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

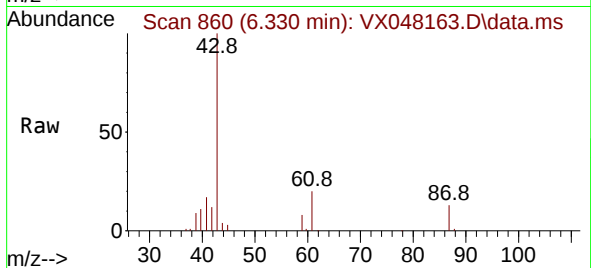
Tgt Ion: 62 Resp: 49571
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





#43
Isopropyl Acetate
Concen: 17.651 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

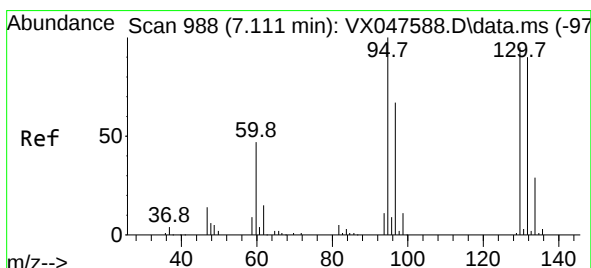
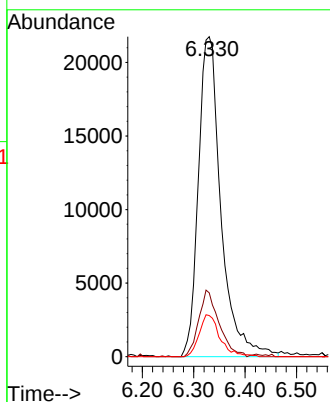
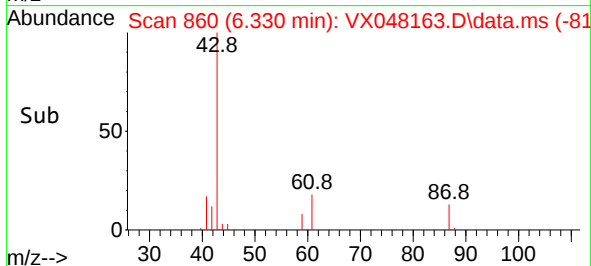
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 43 Resp: 66469
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 12.0 9.6 14.4

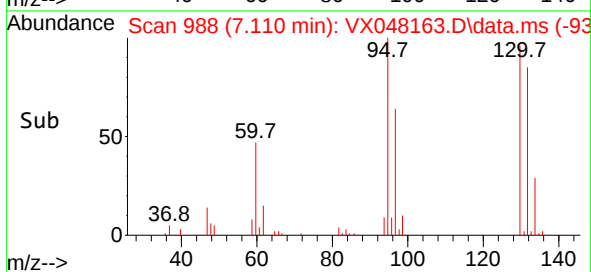
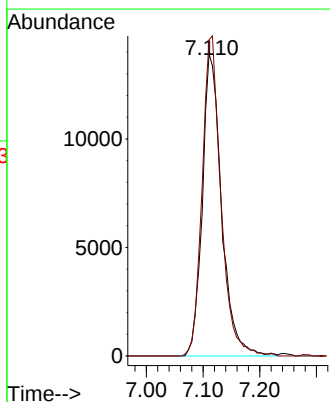
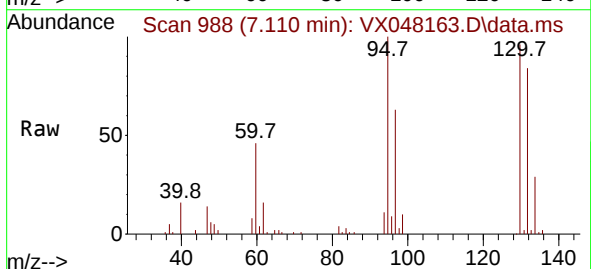
Manual Integrations
APPROVED

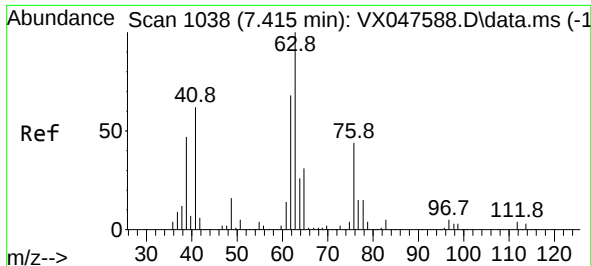
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#44
Trichloroethene
Concen: 20.871 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

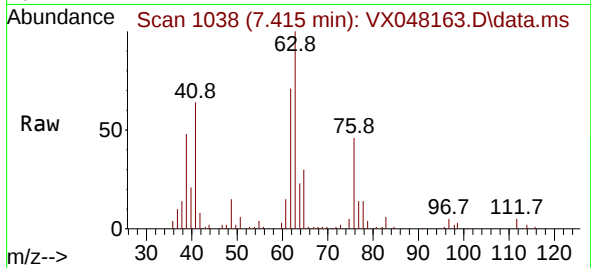
Tgt Ion:130 Resp: 32865
Ion Ratio Lower Upper
130 100
95 104.6 0.0 210.8





#45
1,2-Dichloropropane
Concen: 20.289 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

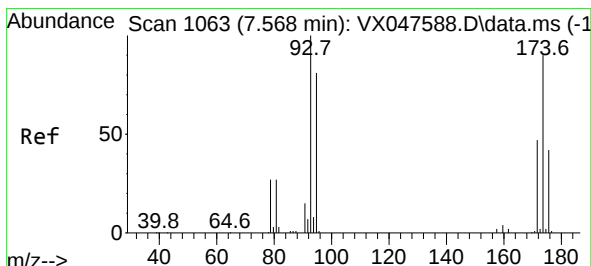
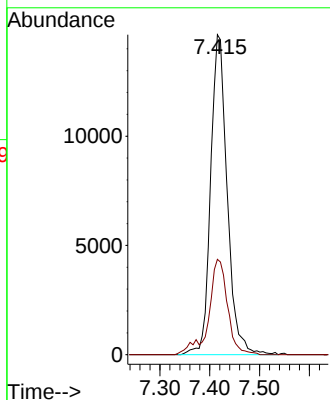
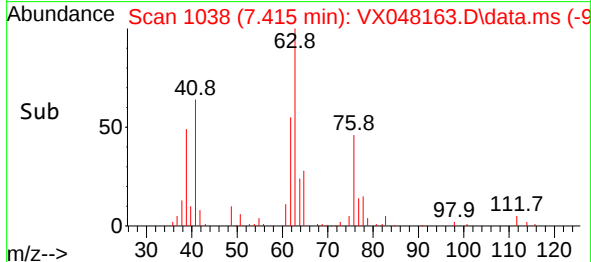
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



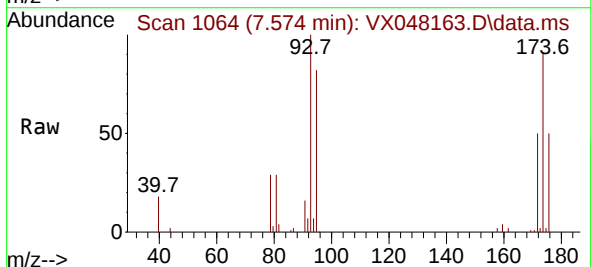
Tgt Ion: 63 Resp: 3383
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

Manual Integrations
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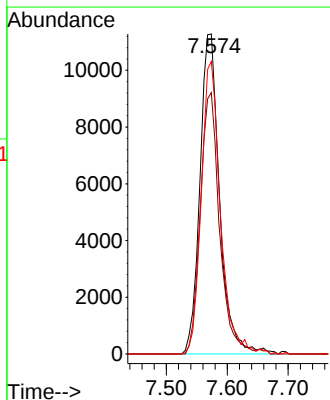
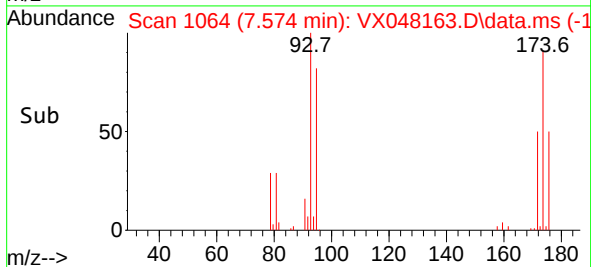
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

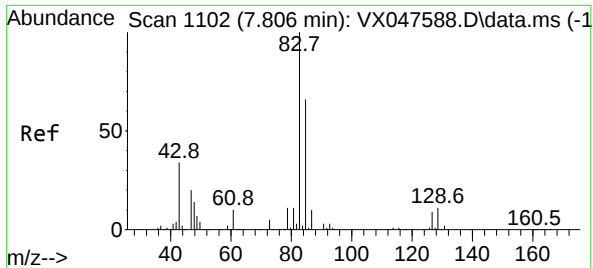


#46
Dibromomethane
Concen: 20.885 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



Tgt Ion: 93 Resp: 25347
Ion Ratio Lower Upper
93 100
95 79.9 65.0 97.6
174 88.3 71.6 107.4





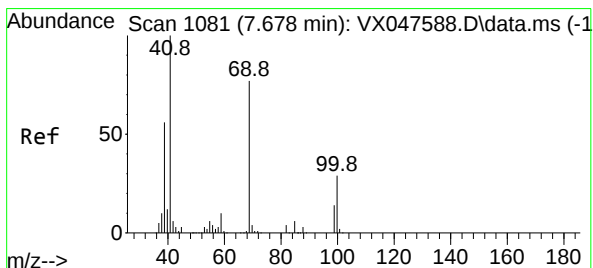
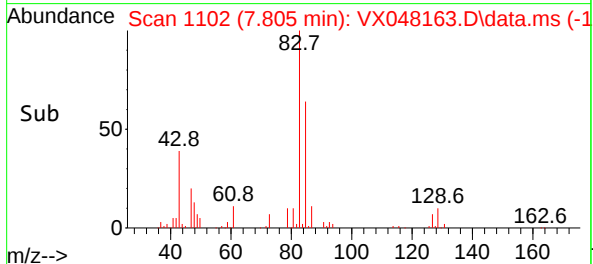
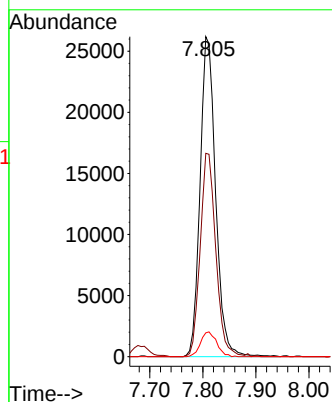
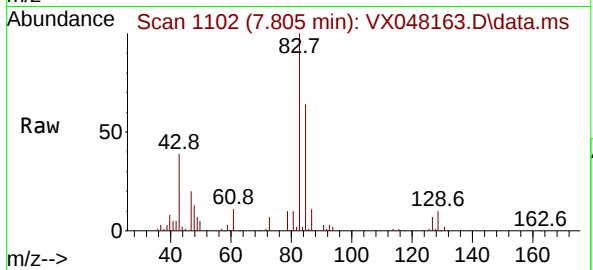
#47
Bromodichloromethane
Concen: 21.312 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 83 Resp: 5337
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 7.4 6.9 10.3

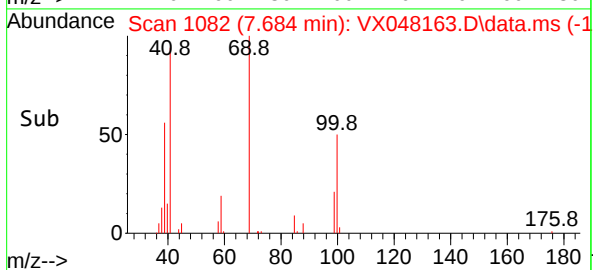
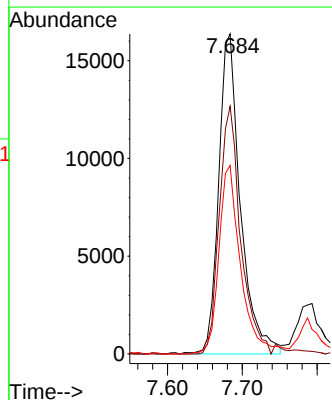
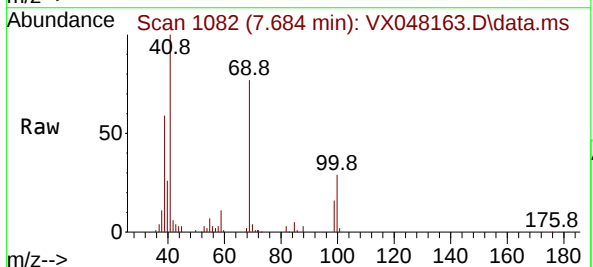
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 17.696 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

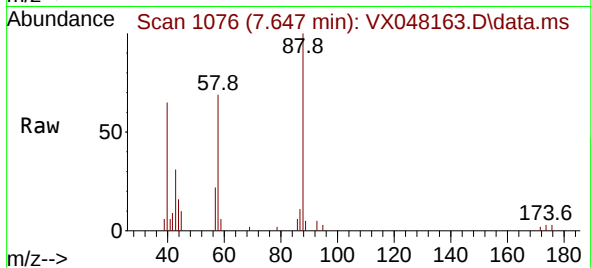
Tgt Ion: 41 Resp: 33193
Ion Ratio Lower Upper
41 100
69 75.9 61.4 92.2
39 59.3 45.8 68.6





#49
1,4-Dioxane
Concen: 383.094 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

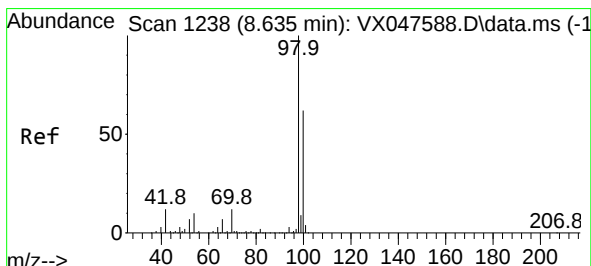
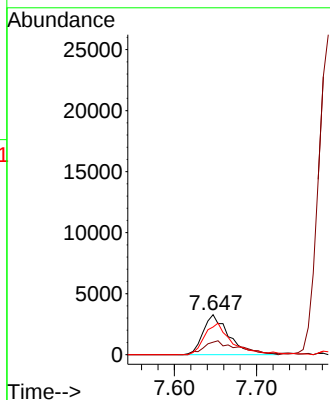
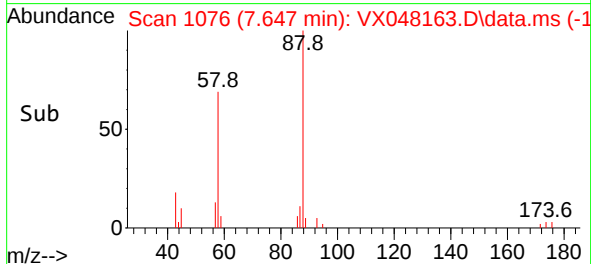
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



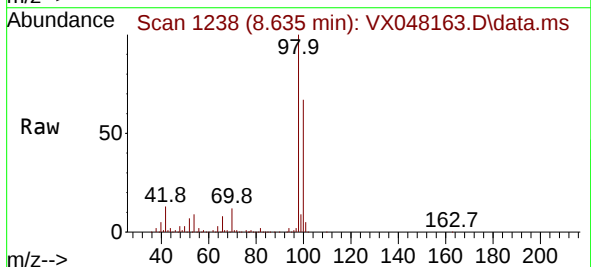
Tgt Ion: 88 Resp: 7262
Ion Ratio Lower Upper
88 100
43 44.5 30.2 45.2
58 82.8 59.5 89.3

Manual Integrations
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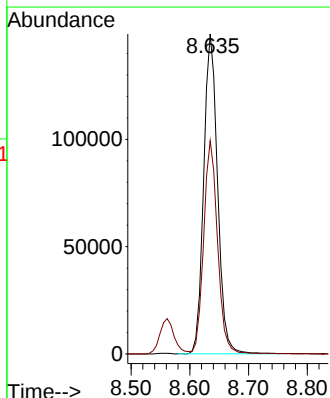
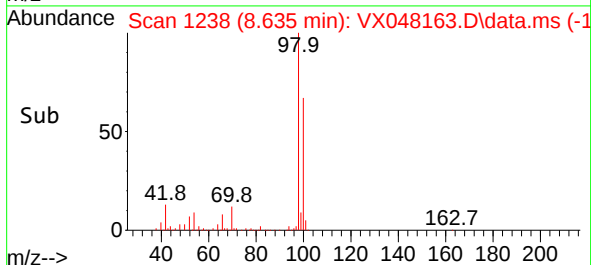
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 48.191 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



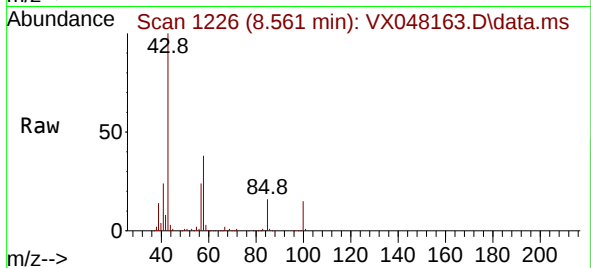
Tgt Ion: 98 Resp: 244710
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 94.485 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

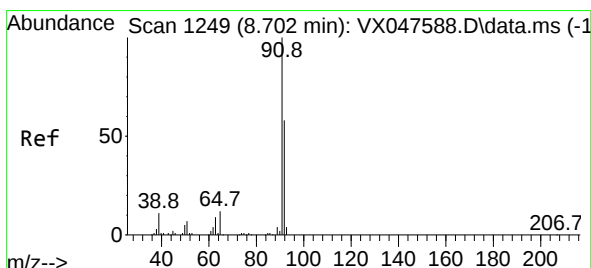
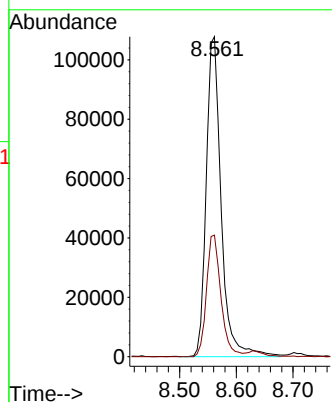
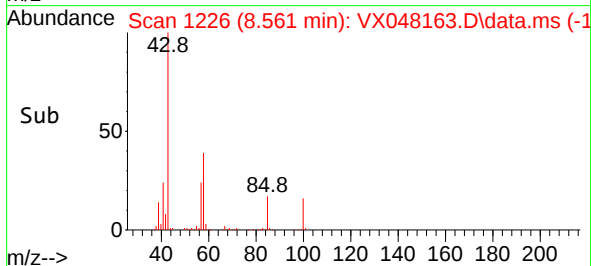
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 43 Resp: 19727
Ion Ratio Lower Upper
43 100
58 36.7 30.3 45.5

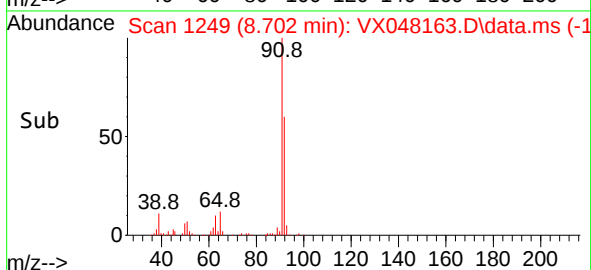
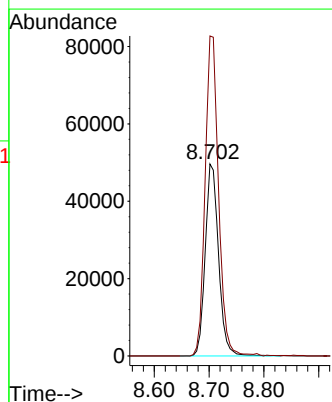
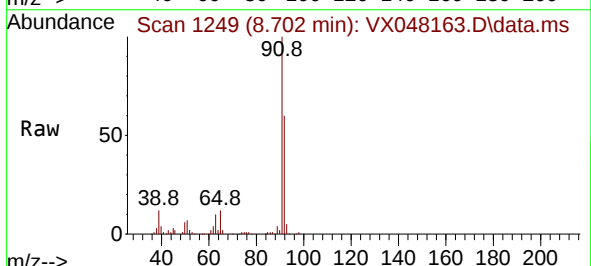
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 20.839 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion: 92 Resp: 83622
Ion Ratio Lower Upper
92 100
91 167.6 137.1 205.7





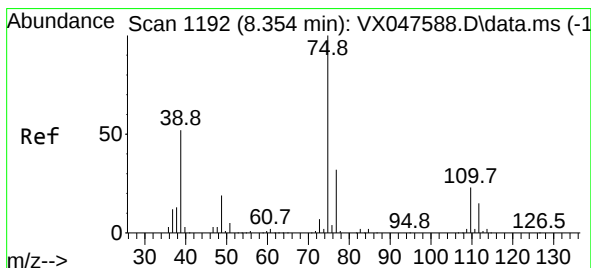
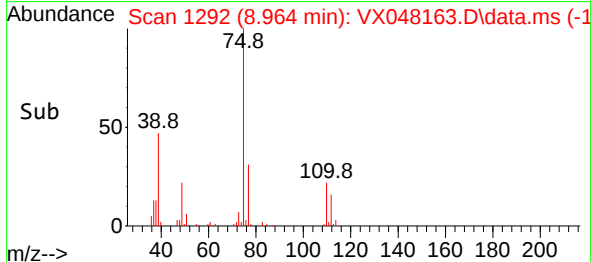
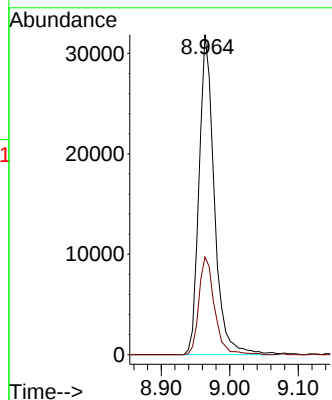
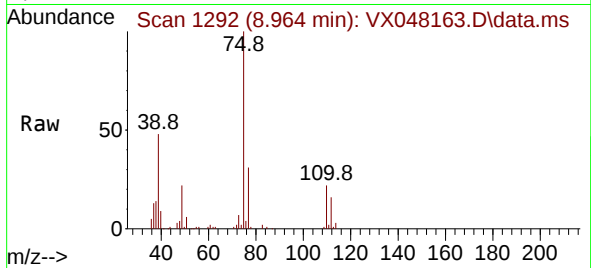
#53
 t-1,3-Dichloropropene
 Concen: 19.395 ug/l
 RT: 8.964 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01

Tgt Ion: 75 Resp: 49544
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2

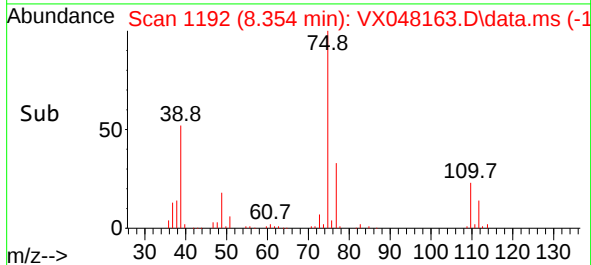
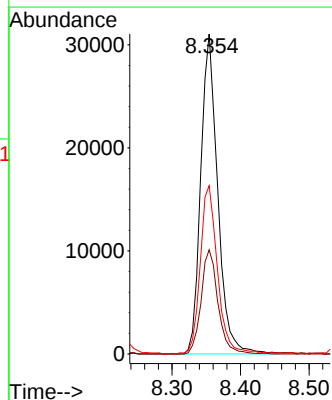
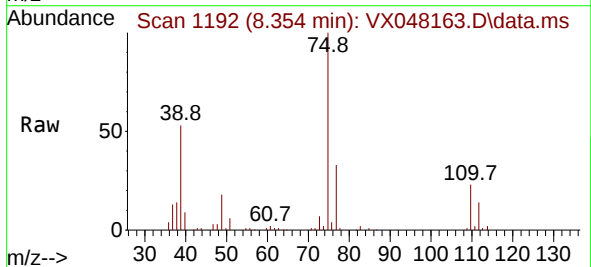
Manual Integrations
 APPROVED

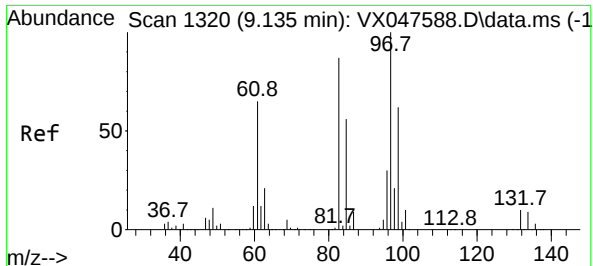
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.626 ug/l
 RT: 8.354 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

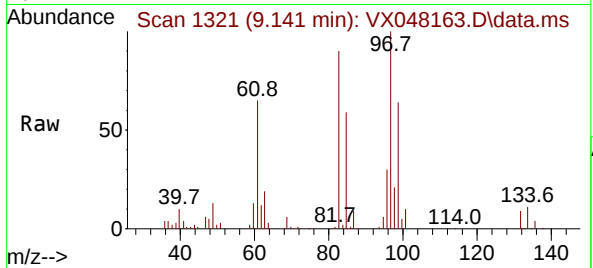
Tgt Ion: 75 Resp: 53586
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.6
 39 46.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 20.556 ug/l
RT: 9.141 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

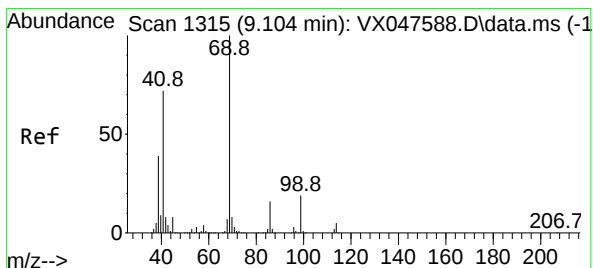
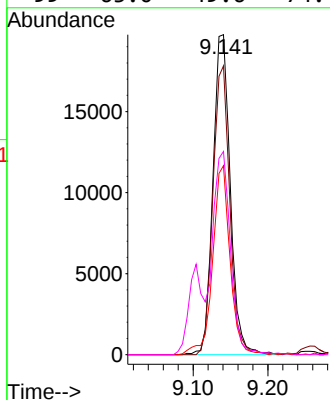
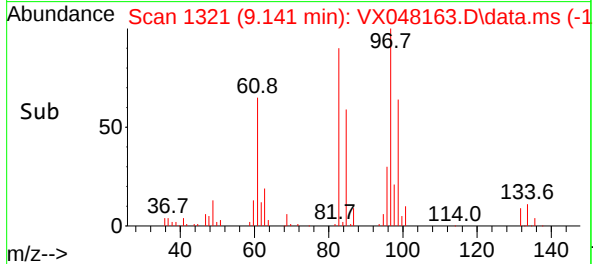
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.6	104.4
85	59.0	45.0	67.6
99	63.0	49.6	74.4

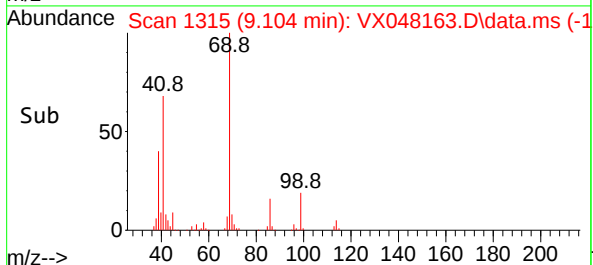
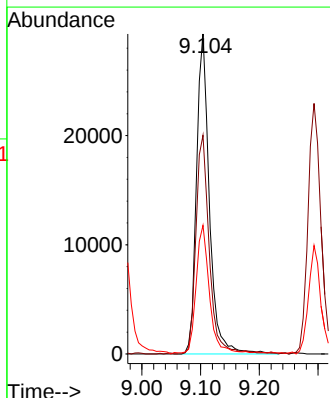
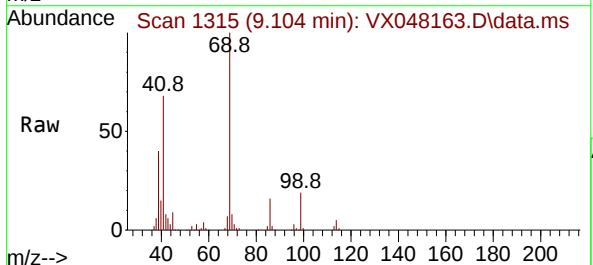
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#56
Ethyl methacrylate
Concen: 18.411 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.8	58.6	87.8
39	42.1	31.5	47.3





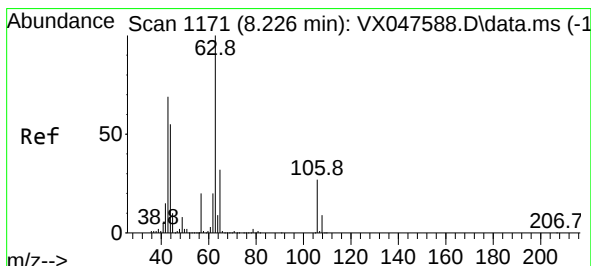
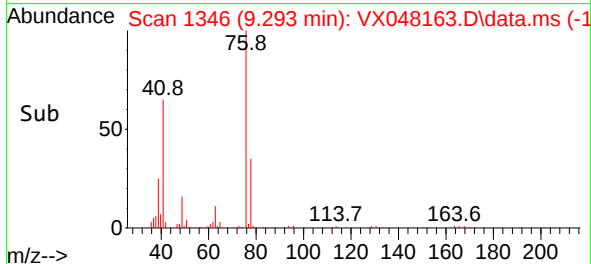
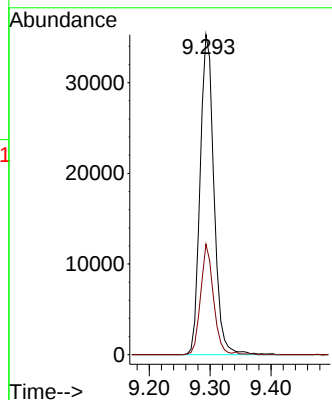
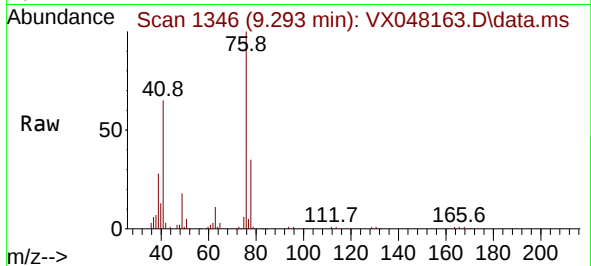
#57
1,3-Dichloropropane
Concen: 20.949 ug/l
RT: 9.293 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 76 Resp: 5568
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

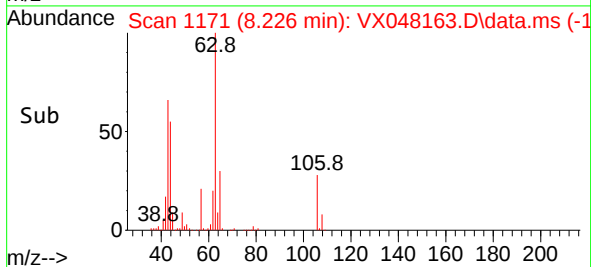
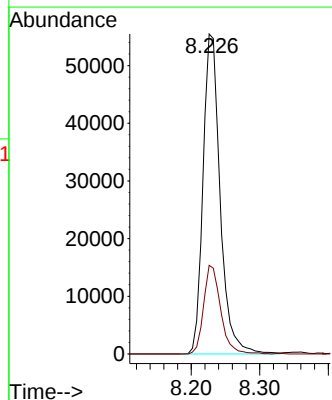
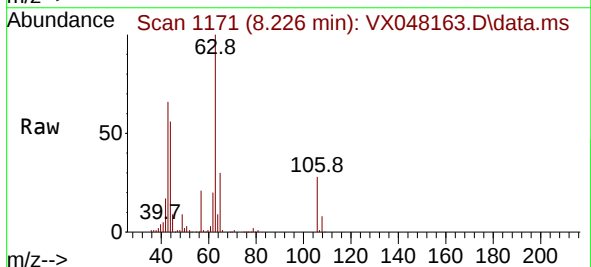
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 90.452 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

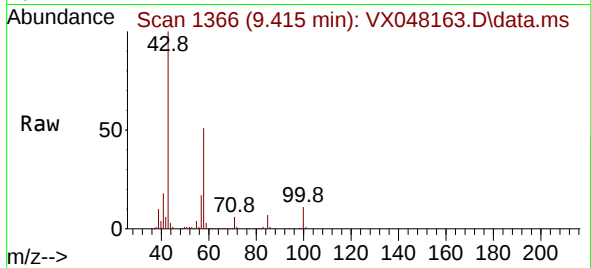
Tgt Ion: 63 Resp: 96545
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 90.475 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

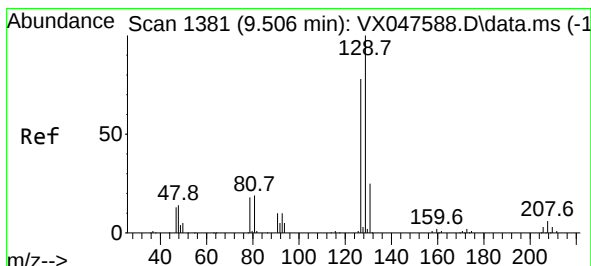
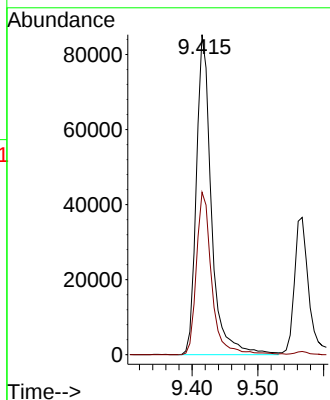
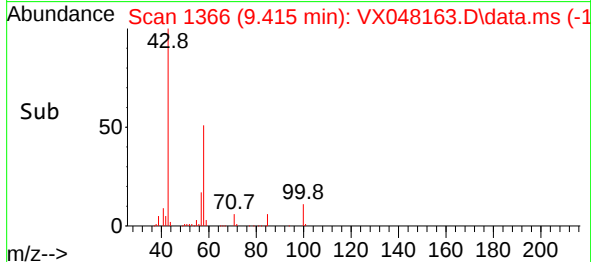
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 43 Resp: 13566
Ion Ratio Lower Upper
43 100
58 51.6 26.1 78.2

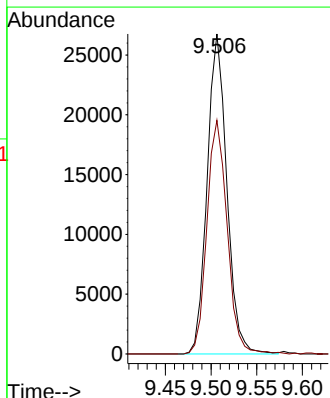
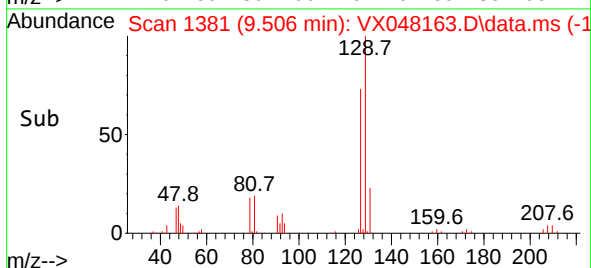
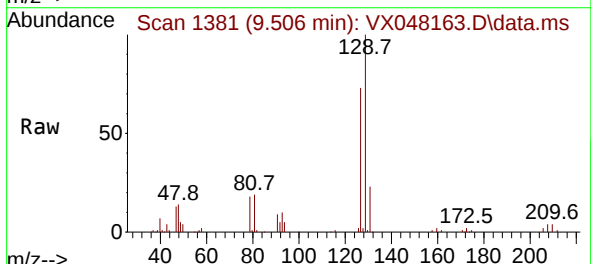
Manual Integrations
APPROVED

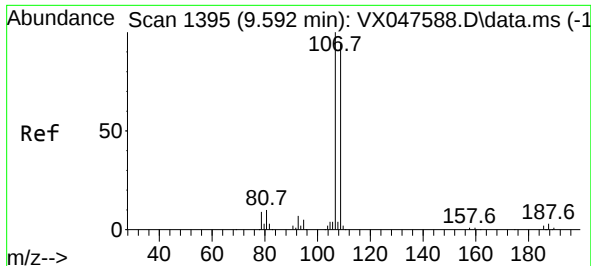
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#60
Dibromochloromethane
Concen: 22.451 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

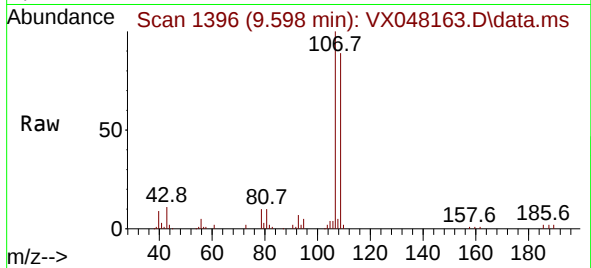
Tgt Ion:129 Resp: 40026
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 21.220 ug/l
RT: 9.598 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

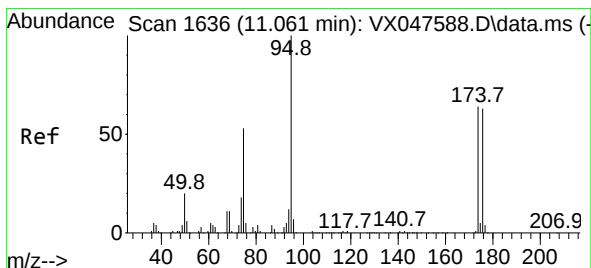
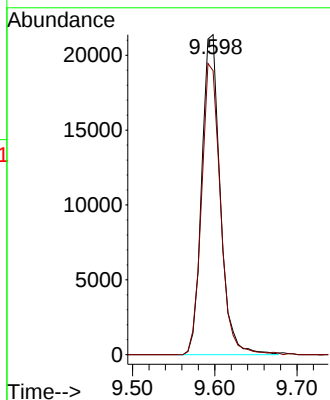
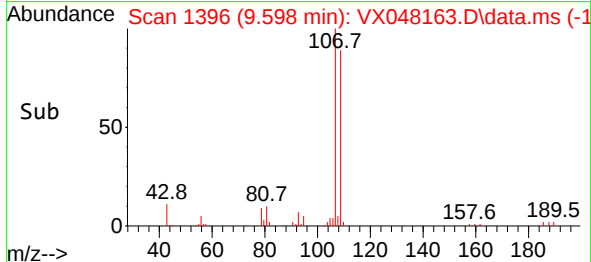
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion:107 Resp: 3344
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9

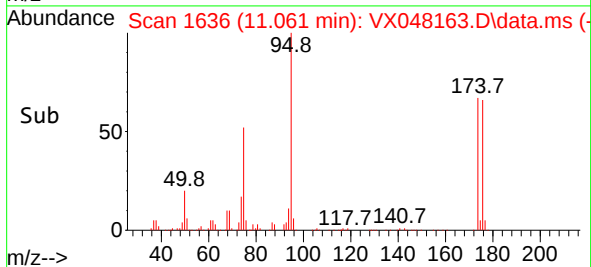
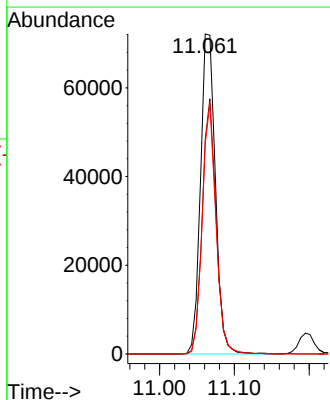
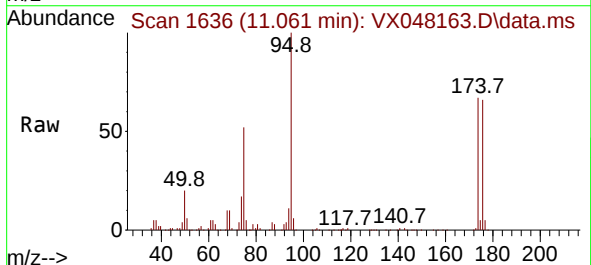
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#62
4-Bromofluorobenzene
Concen: 51.674 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

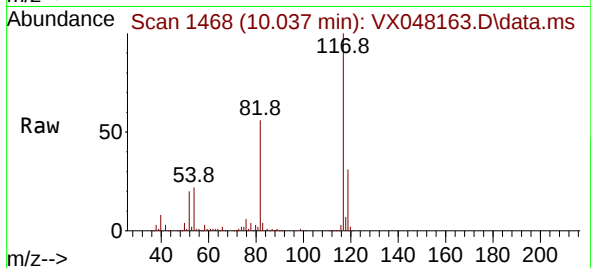
Tgt Ion: 95 Resp: 99584
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 72.1 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

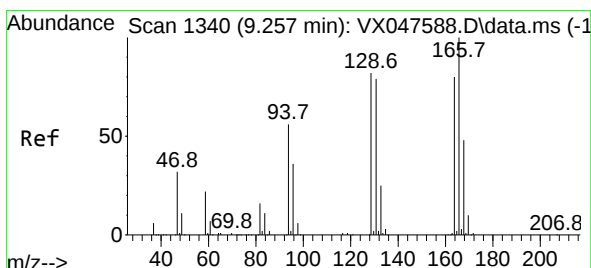
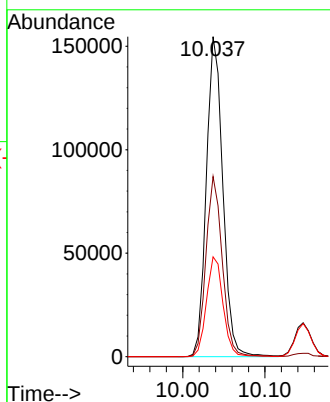
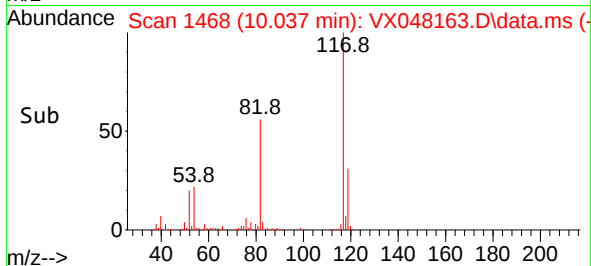
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion:117 Resp: 21518
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.6
119 31.2 25.2 37.8

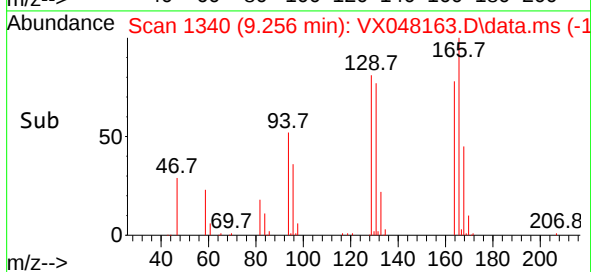
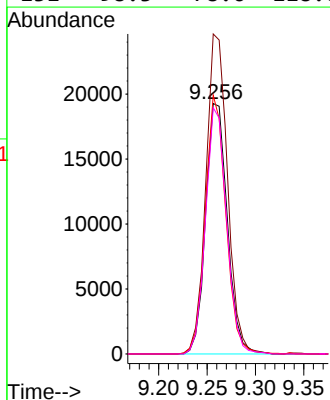
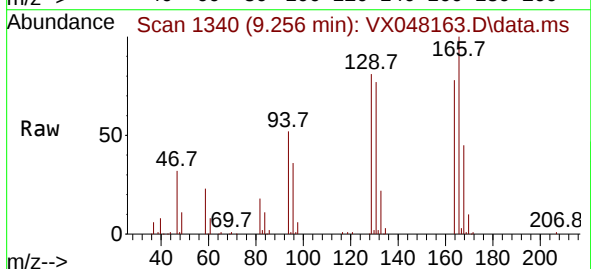
Manual Integrations
APPROVED

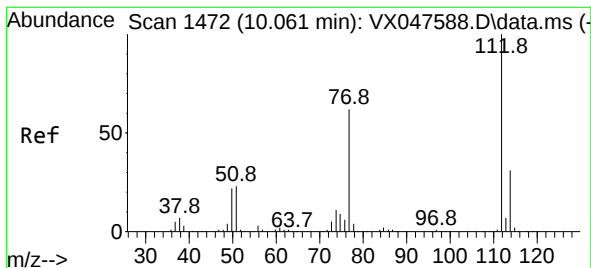
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#64
Tetrachloroethene
Concen: 21.376 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion:164 Resp: 29986
Ion Ratio Lower Upper
164 100
166 127.8 100.2 150.2
129 103.3 81.8 122.6
131 98.3 78.6 118.0





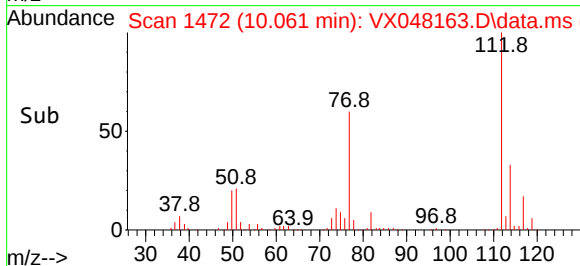
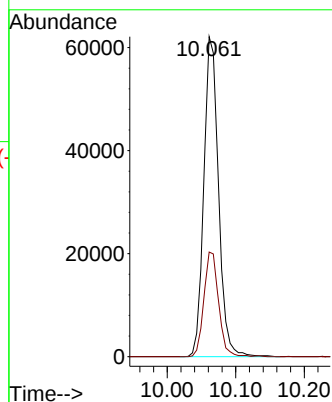
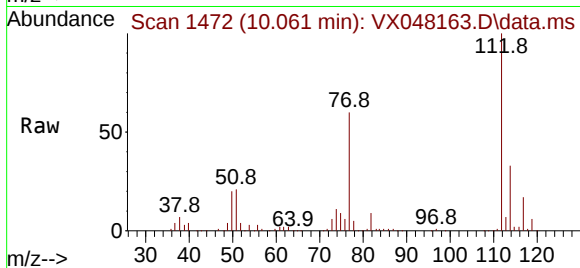
#65
Chlorobenzene
Concen: 18.981 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion:112 Resp: 92790
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7

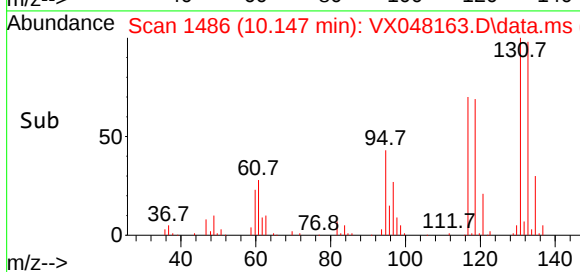
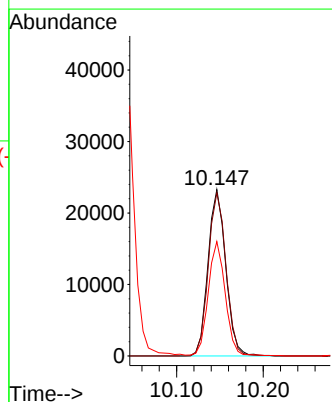
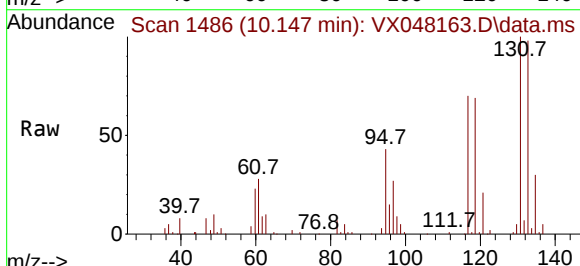
Manual Integrations
APPROVED

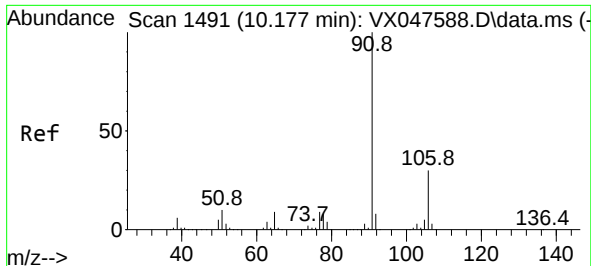
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.633 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

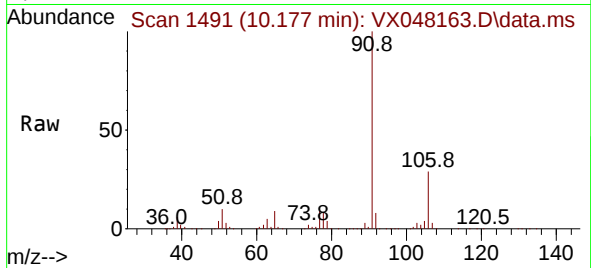
Tgt Ion:131 Resp: 33120
Ion Ratio Lower Upper
131 100
133 98.0 47.3 142.0
119 66.5 32.0 96.0





#67
Ethyl Benzene
Concen: 18.674 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

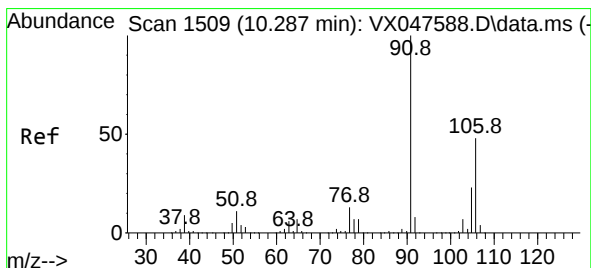
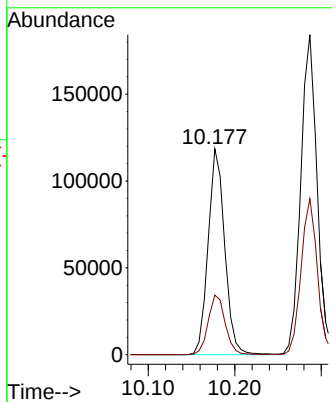
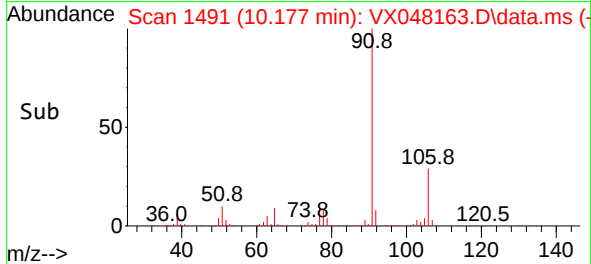
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



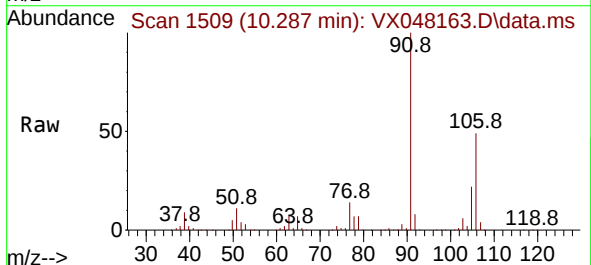
Tgt Ion: 91 Resp: 15751
Ion Ratio Lower Upper
91 100
106 28.9 24.3 36.5

Manual Integrations
APPROVED

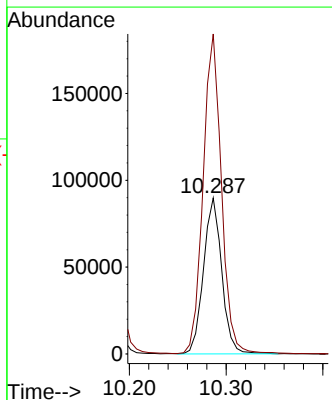
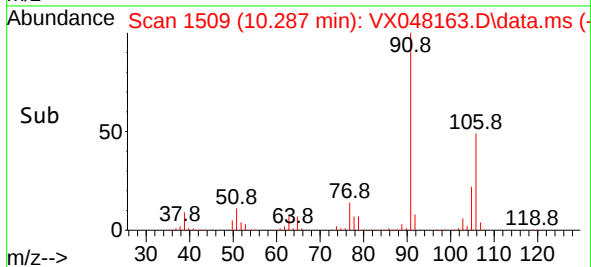
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

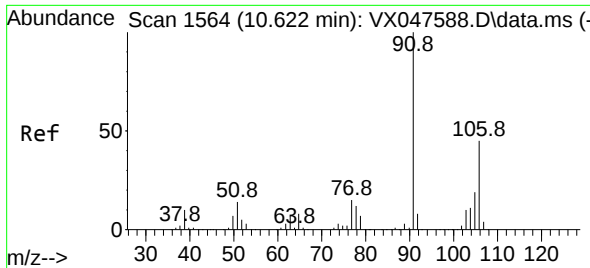


#68
m/p-Xylenes
Concen: 37.580 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



Tgt Ion:106 Resp: 117984
Ion Ratio Lower Upper
106 100
91 207.3 167.8 251.8





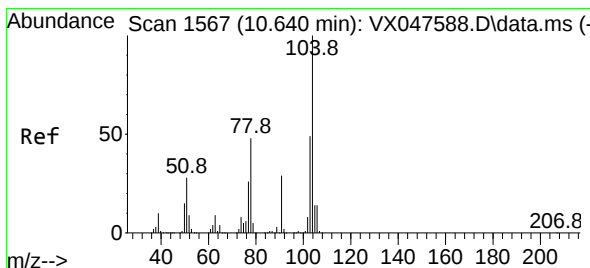
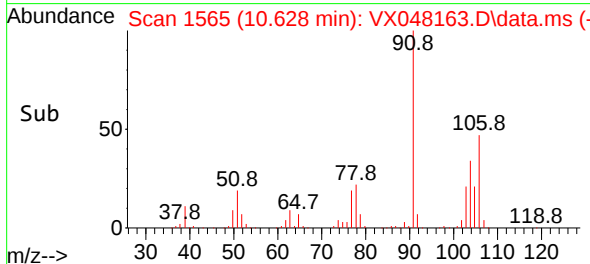
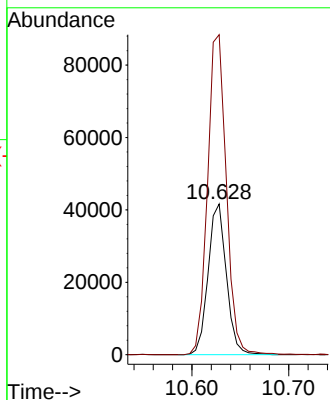
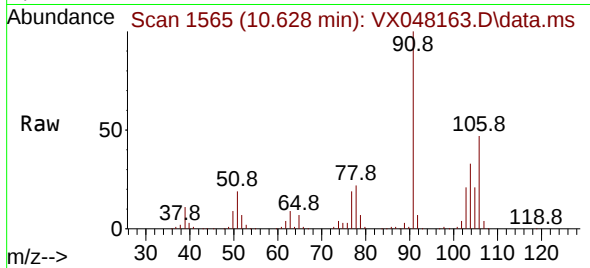
#69
o-Xylene
Concen: 18.047 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion:106 Resp: 54802
Ion Ratio Lower Upper
106 100
91 218.3 111.1 333.4

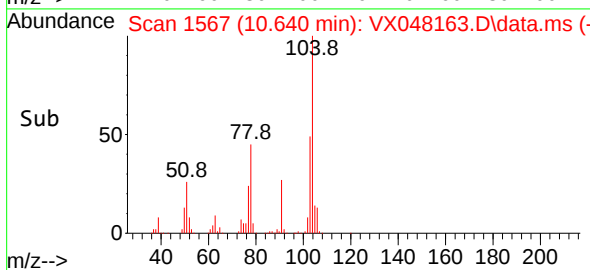
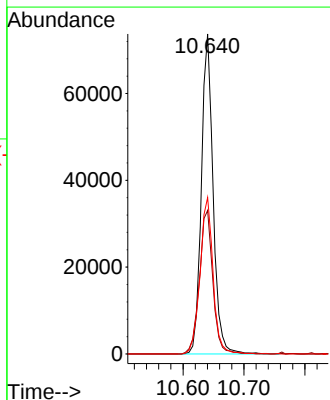
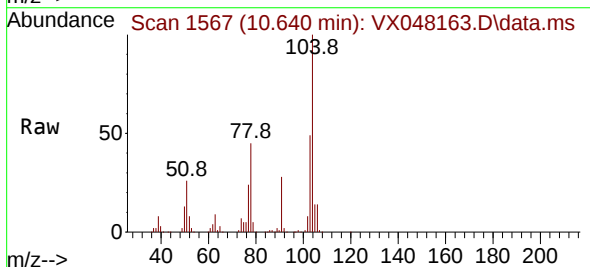
Manual Integrations
APPROVED

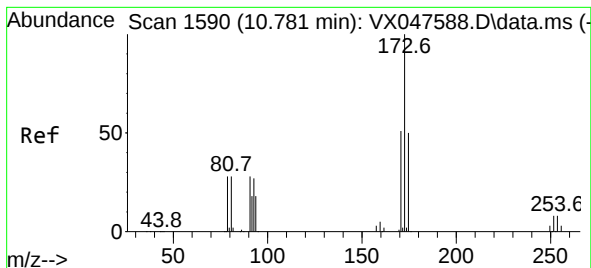
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#70
Styrene
Concen: 18.599 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion:104 Resp: 98962
Ion Ratio Lower Upper
104 100
78 51.4 43.1 64.7
103 54.1 43.1 64.7





#71

Bromoform

Concen: 21.132 ug/l

RT: 10.787 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01

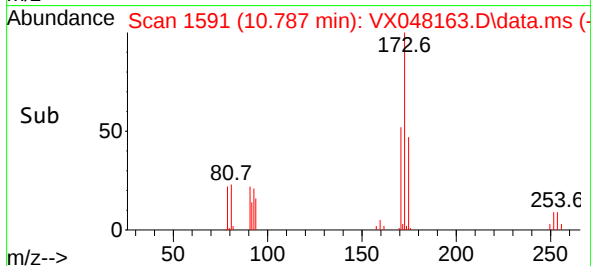
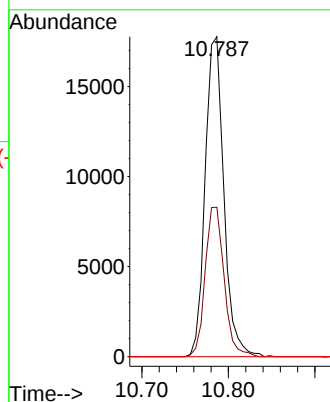
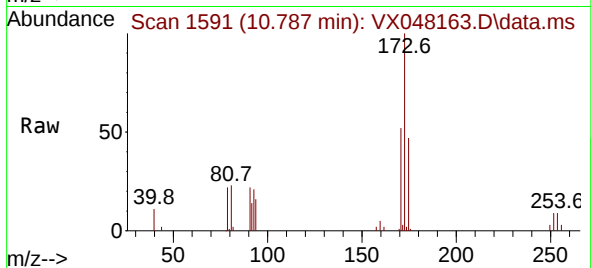
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

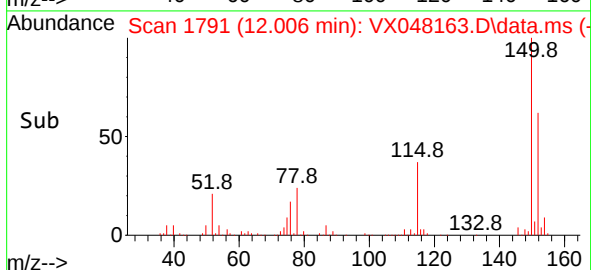
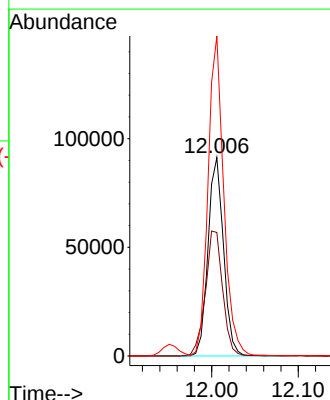
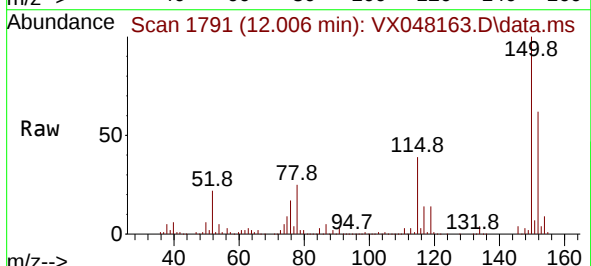
RT: 12.006 min Scan# 1791

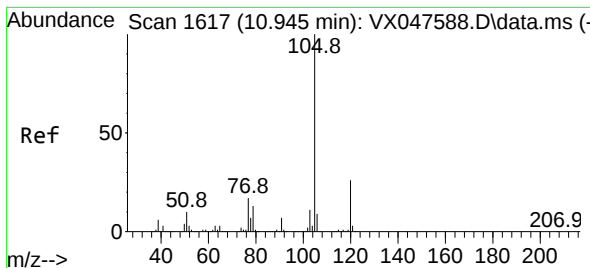
Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.1	44.9	134.5
150	162.7	0.0	352.0





#73

Isopropylbenzene

Concen: 14.951 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048163.D

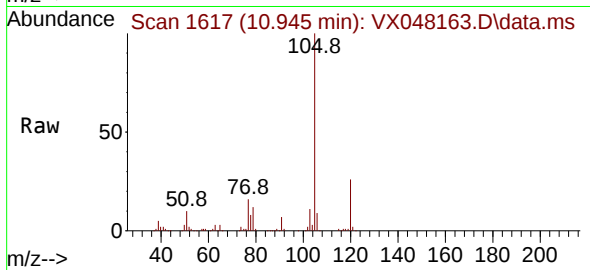
Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01



Tgt Ion:105 Resp: 12916

Ion Ratio Lower Upper

105 100

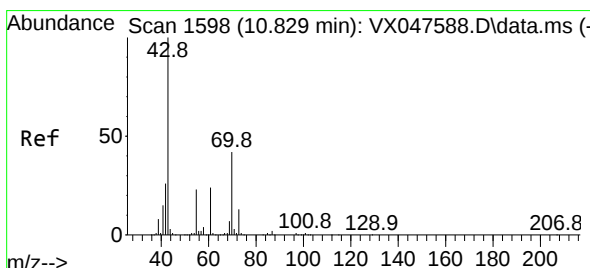
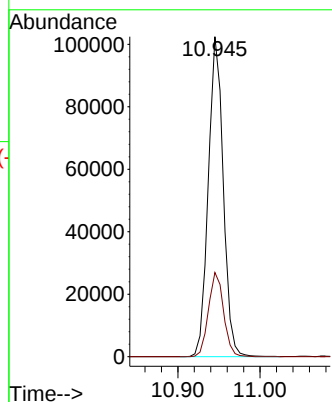
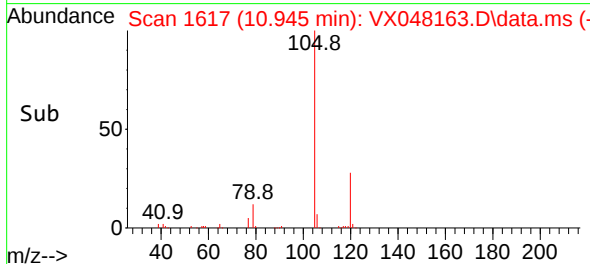
120 26.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#74

N-ethyl acetate

Concen: 14.661 ug/l

RT: 10.829 min Scan# 1598

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Tgt Ion: 43 Resp: 57759

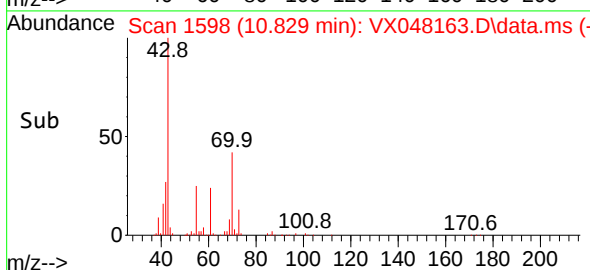
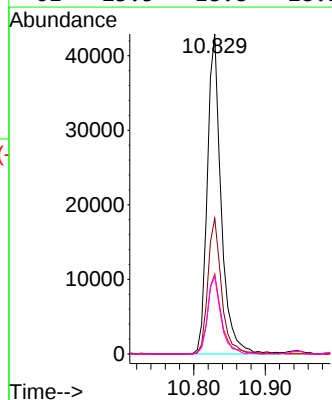
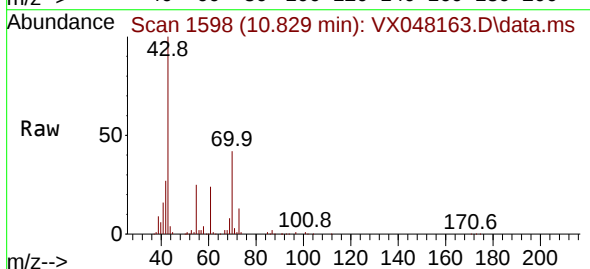
Ion Ratio Lower Upper

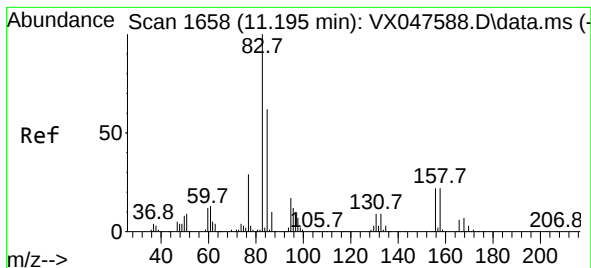
43 100

70 41.9 32.0 48.0

55 24.9 18.9 28.3

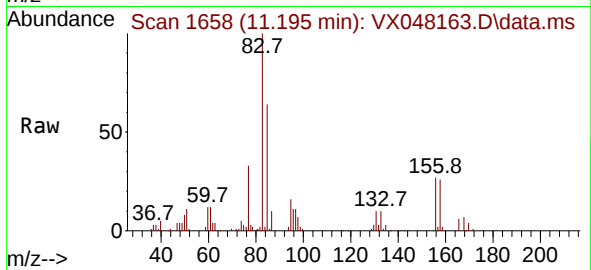
61 23.5 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.753 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. -0.000 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

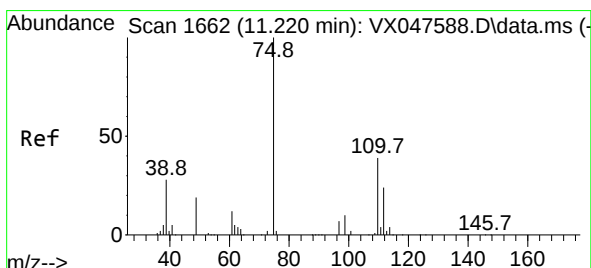
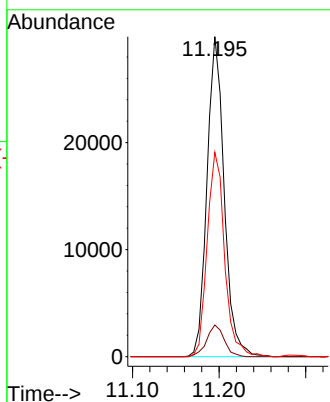
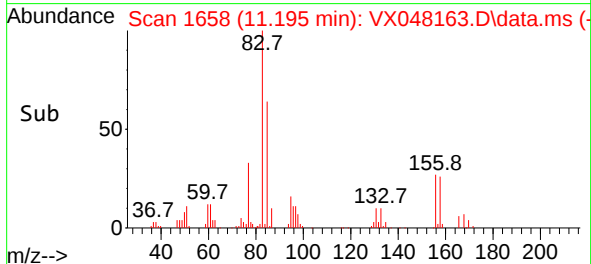
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01



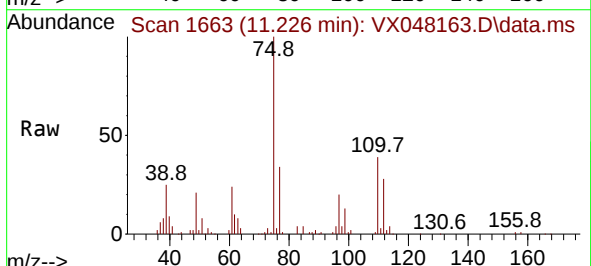
Tgt Ion: 83 Resp: 41175
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.7 31.6 95.0

Manual Integrations
 APPROVED

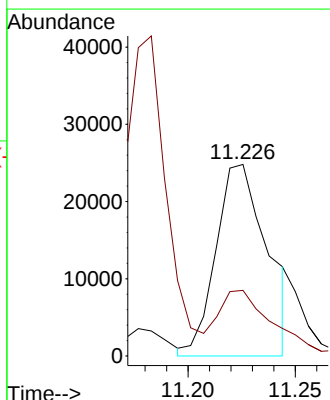
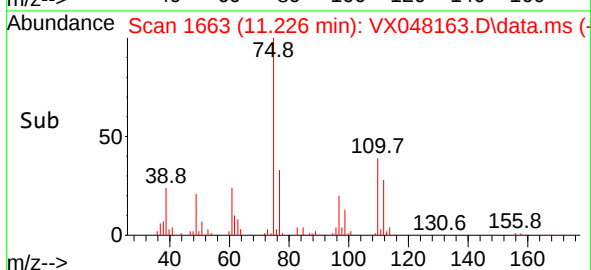
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025

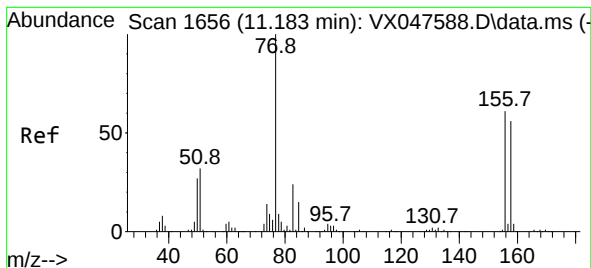


#76
 1,2,3-Trichloropropane
 Concen: 17.906 ug/l m
 RT: 11.226 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11



Tgt Ion: 75 Resp: 41196
 Ion Ratio Lower Upper
 75 100
 77 36.4 18.8 56.4





#77

Bromobenzene

Concen: 16.467 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01

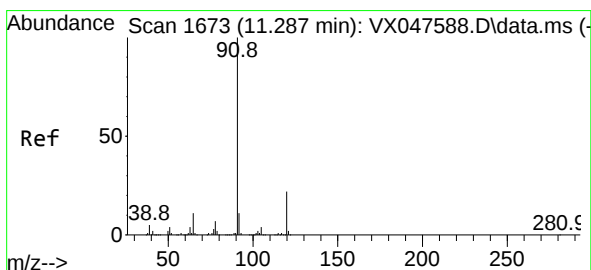
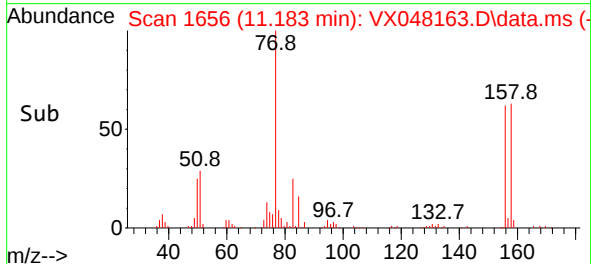
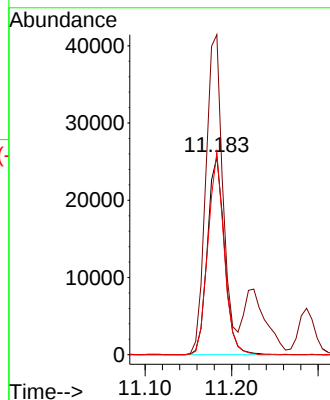
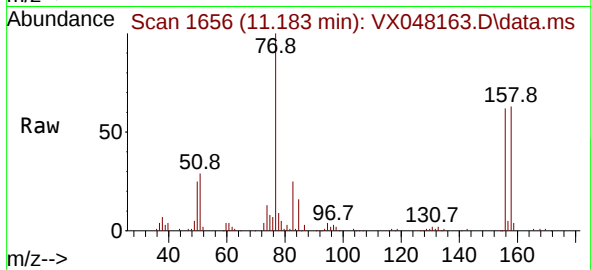
Tgt Ion:156 Resp: 35038
 Ion Ratio Lower Upper
 156 100
 77 163.2 89.7 269.1
 158 97.1 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#78

n-propylbenzene

Concen: 17.151 ug/l

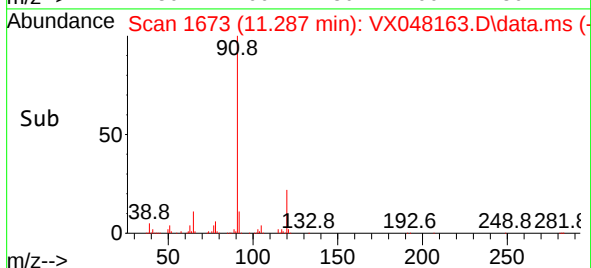
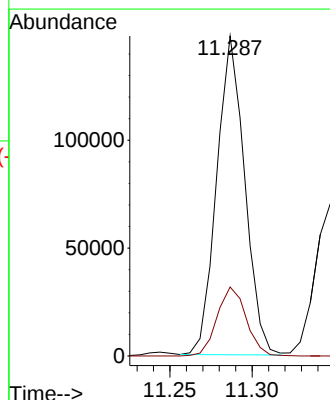
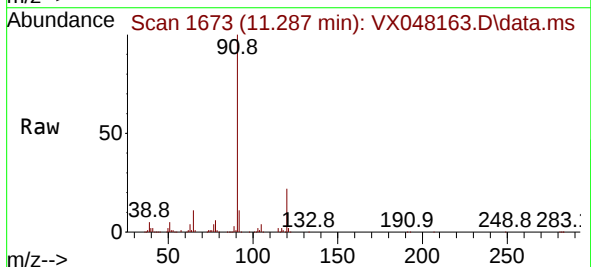
RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Tgt Ion: 91 Resp: 175152
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.1 33.1





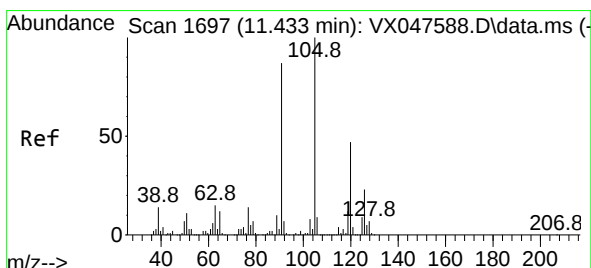
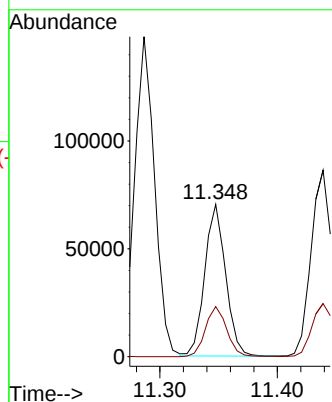
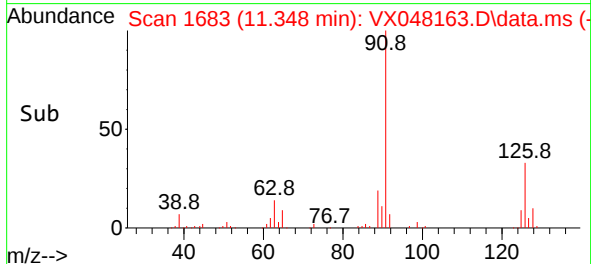
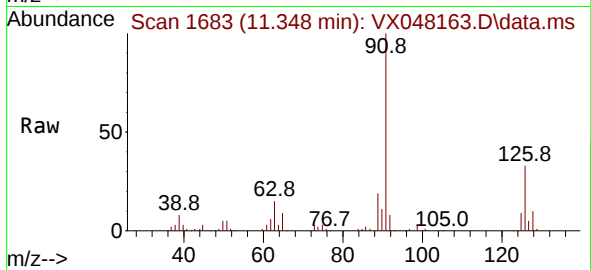
#79
2-Chlorotoluene
Concen: 13.904 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion: 91 Resp: 8696
Ion Ratio Lower Upper
91 100
126 33.9 16.1 48.3

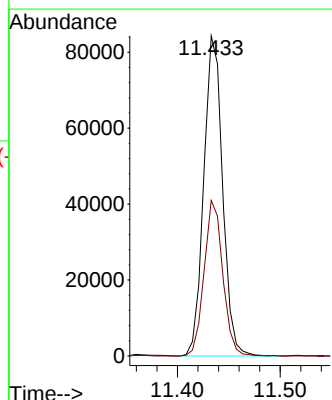
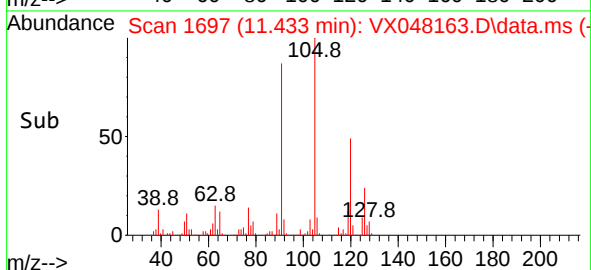
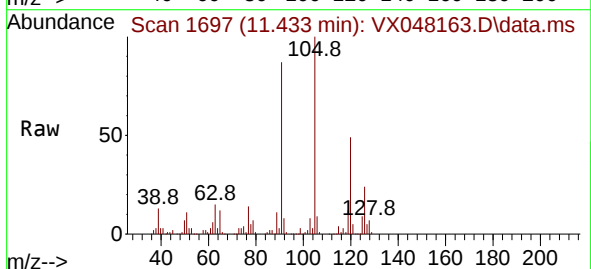
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 15.136 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

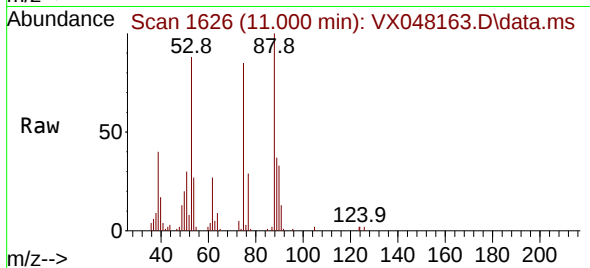
Tgt Ion:105 Resp: 107429
Ion Ratio Lower Upper
105 100
120 48.2 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 13.078 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

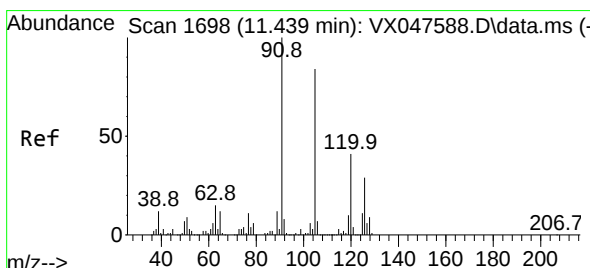
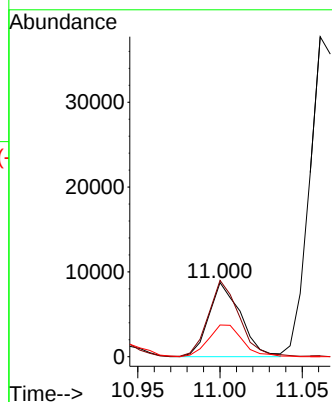
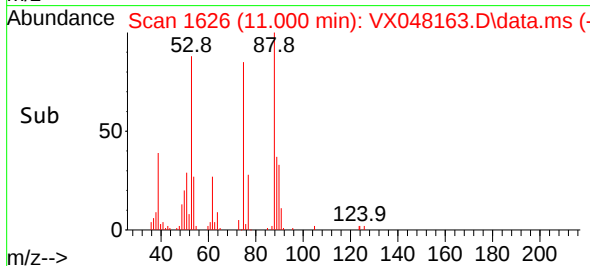
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 75 Resp: 11799
Ion Ratio Lower Upper
75 100
53 100.3 83.4 125.2
89 45.8 36.3 54.5

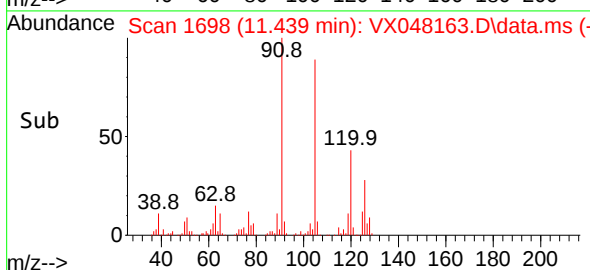
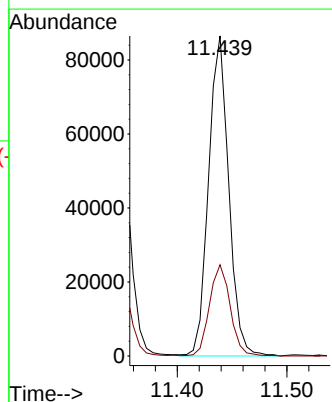
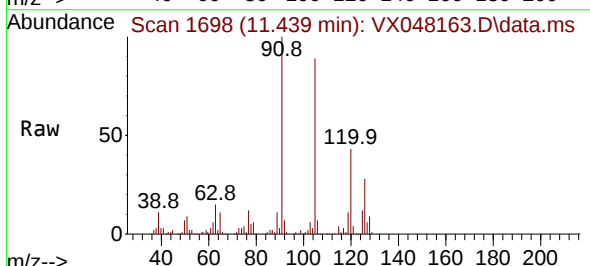
Manual Integrations
APPROVED

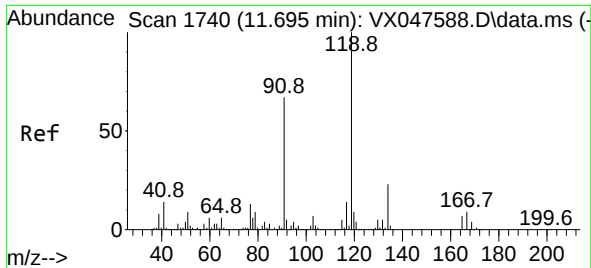
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#82
4-Chlorotoluene
Concen: 14.966 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

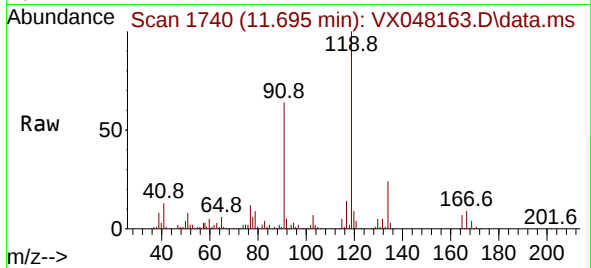
Tgt Ion: 91 Resp: 110557
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 15.438 ug/l
RT: 11.695 min Scan# 11740
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

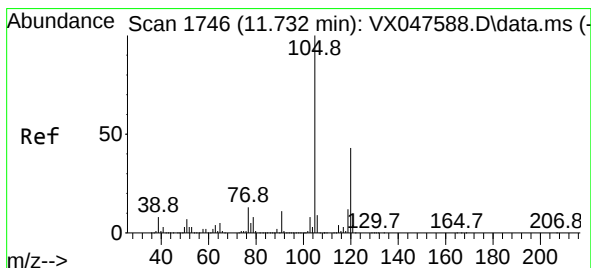
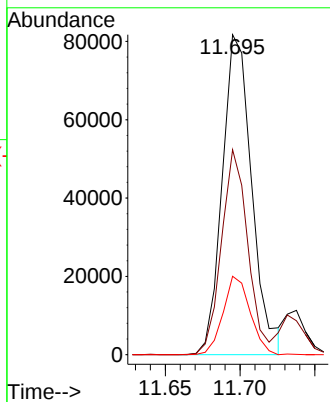
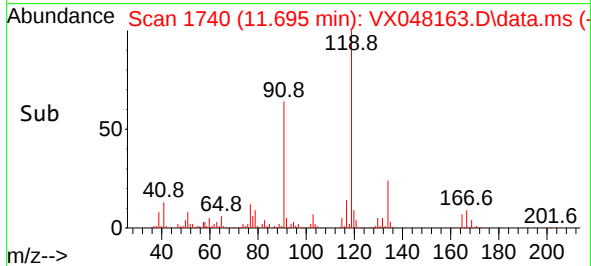
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



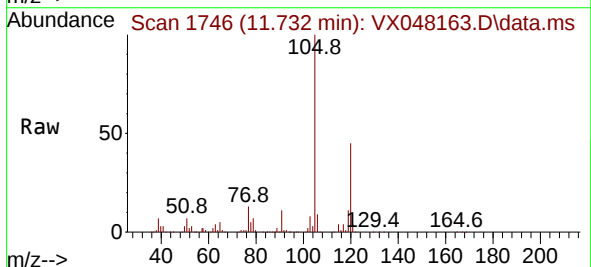
Tgt Ion:119 Resp: 11216
Ion Ratio Lower Upper
119 100
91 57.1 29.6 88.8
134 22.6 11.0 33.0

Manual Integrations
APPROVED

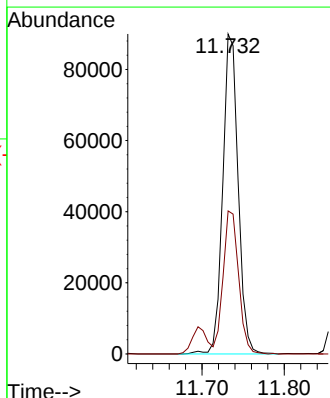
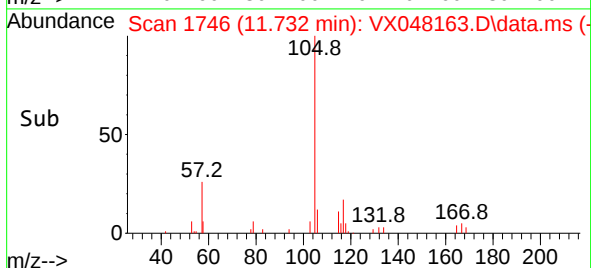
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

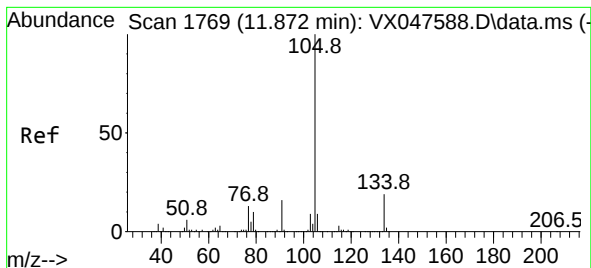


#84
1,2,4-Trimethylbenzene
Concen: 16.263 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



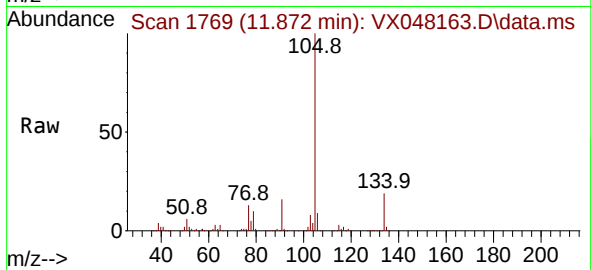
Tgt Ion:105 Resp: 117027
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 17.437 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11

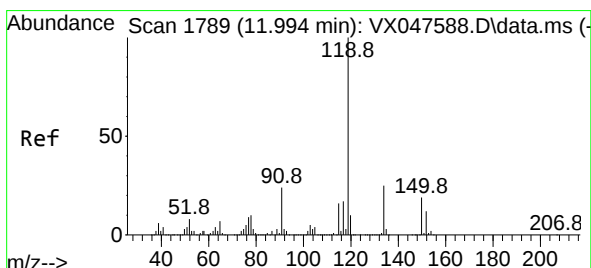
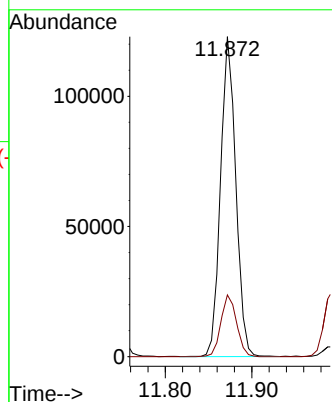
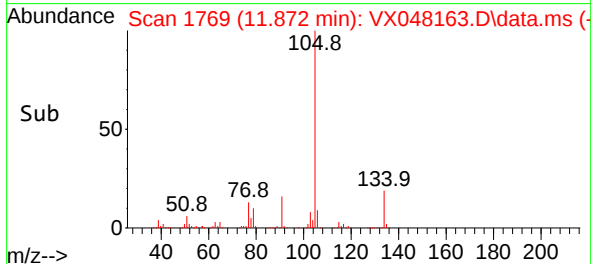
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014MBS01



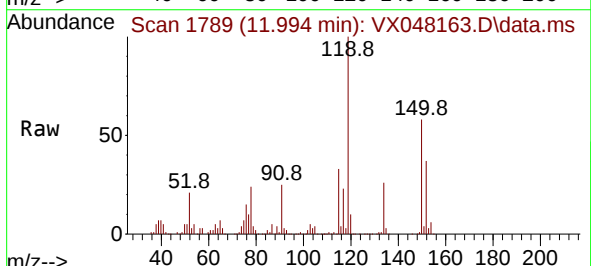
Tgt Ion:105 Resp: 150489
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

Manual Integrations
 APPROVED

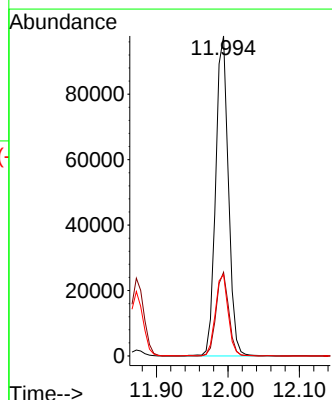
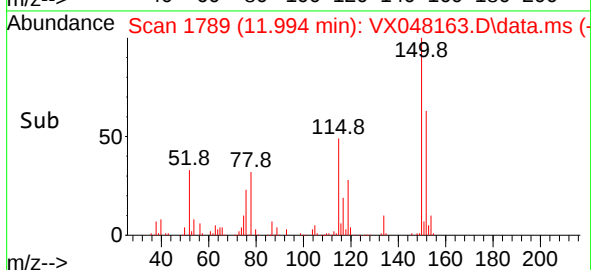
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#86
 p-Isopropyltoluene
 Concen: 16.508 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX048163.D
 Acq: 14 Oct 2025 14:11



Tgt Ion:119 Resp: 120614
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.5 12.6 37.6





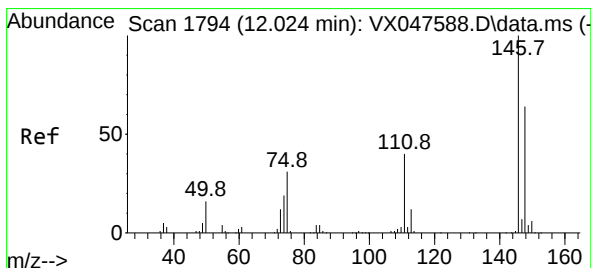
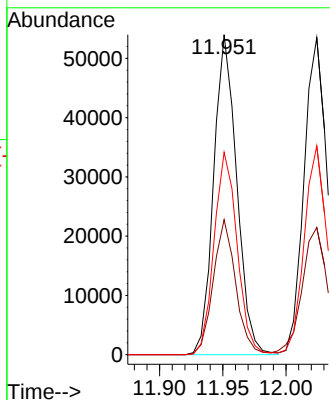
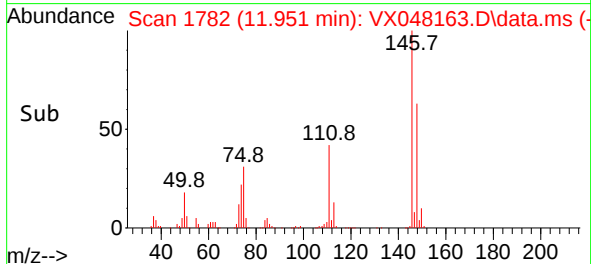
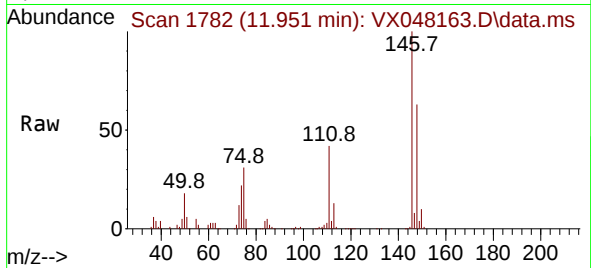
#87
1,3-Dichlorobenzene
Concen: 17.301 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01

Tgt Ion:146 Resp: 68370
Ion Ratio Lower Upper
146 100
111 41.3 21.5 64.5
148 63.3 32.0 96.0

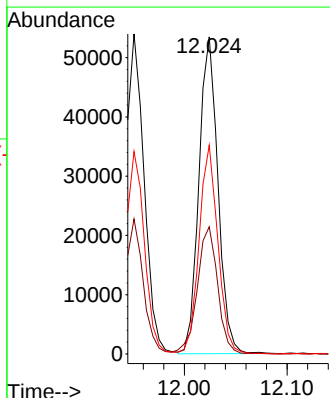
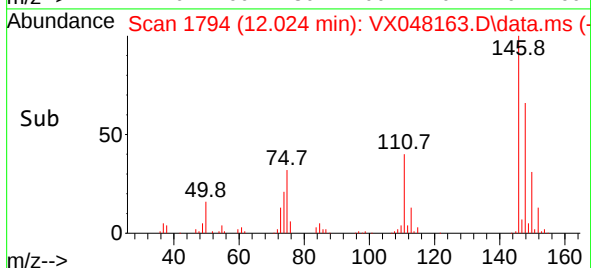
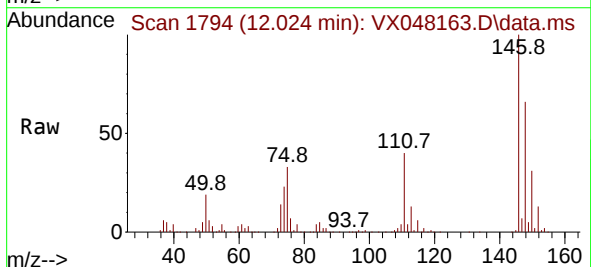
Manual Integrations
APPROVED

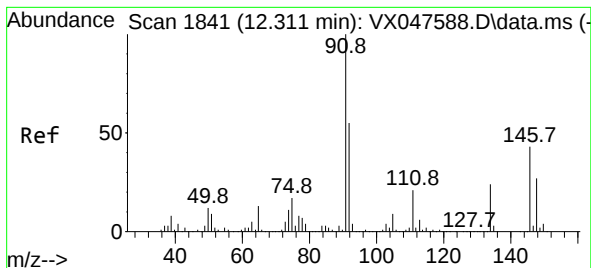
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#88
1,4-Dichlorobenzene
Concen: 16.956 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

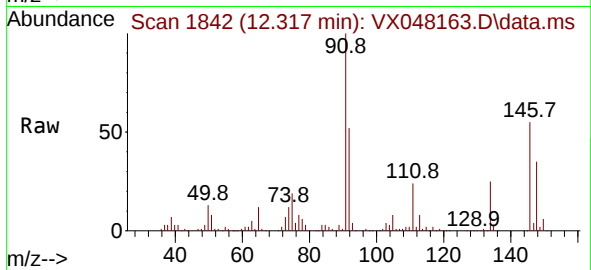
Tgt Ion:146 Resp: 68777
Ion Ratio Lower Upper
146 100
111 43.1 20.8 62.4
148 65.3 31.7 95.1





#89
n-Butylbenzene
Concen: 16.192 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

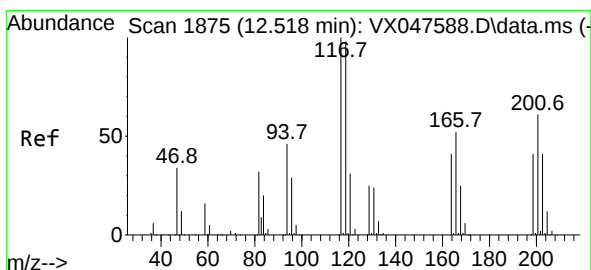
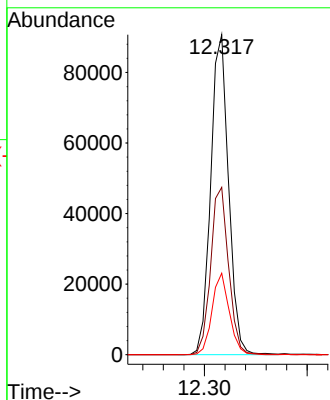
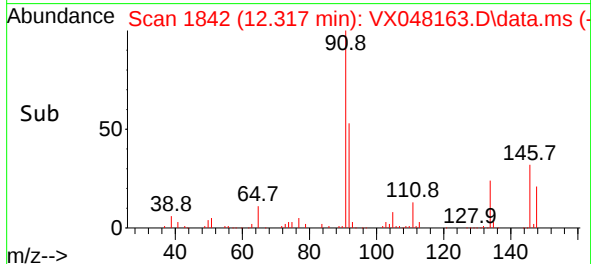
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion: 91 Resp: 109468
Ion Ratio Lower Upper
91 100
92 52.7 27.6 82.7
134 24.6 12.6 37.8

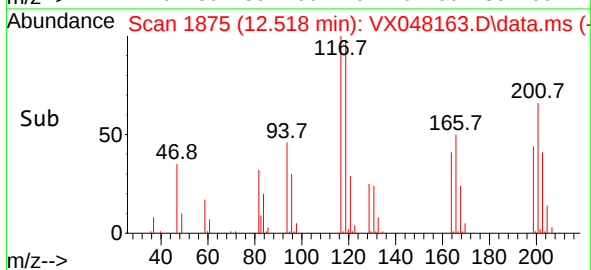
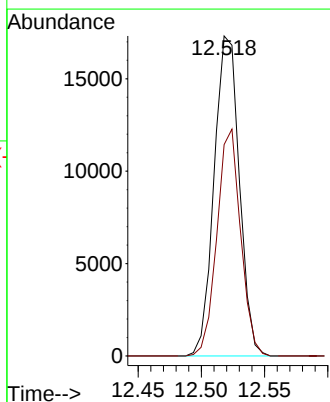
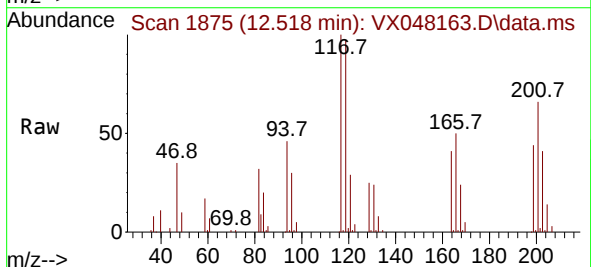
Manual Integrations
APPROVED

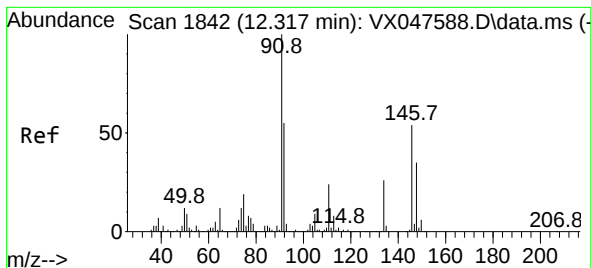
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#90
Hexachloroethane
Concen: 18.681 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

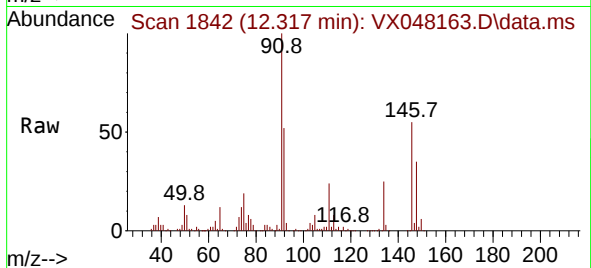
Tgt Ion:117 Resp: 23964
Ion Ratio Lower Upper
117 100
201 66.6 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 16.848 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

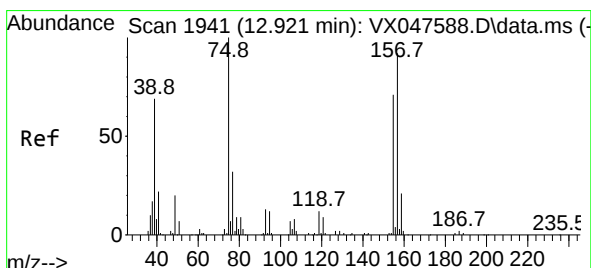
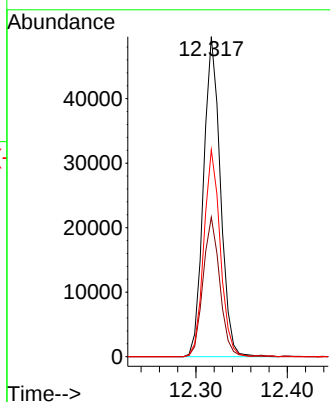
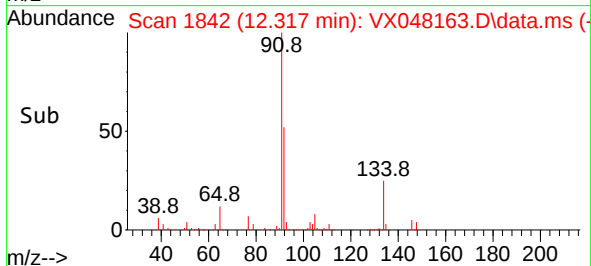
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



Tgt Ion:146 Resp: 6343
Ion Ratio Lower Upper
146 100
111 43.1 22.2 66.6
148 62.7 31.8 95.4

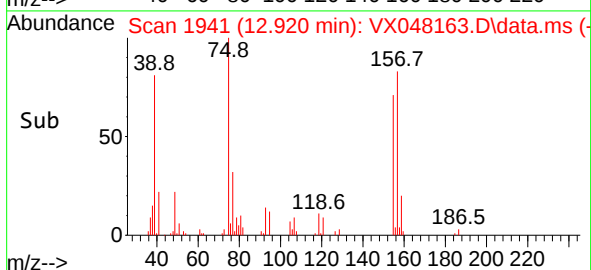
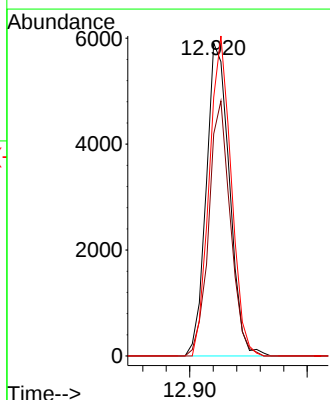
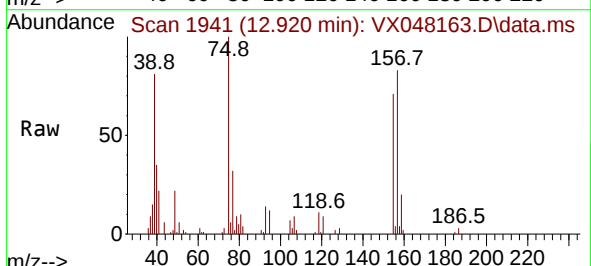
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.308 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
155 75.8 37.7 113.1
157 96.9 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 15.015 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX1014MBS01

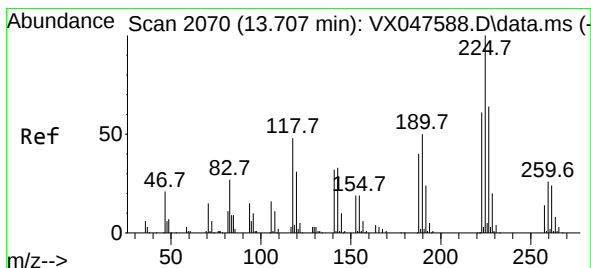
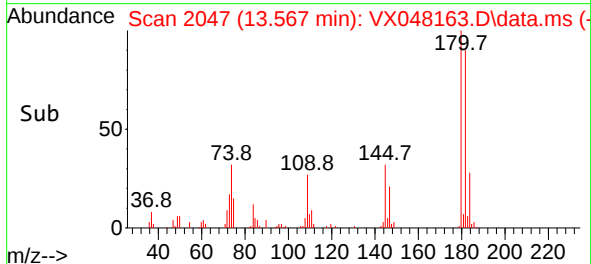
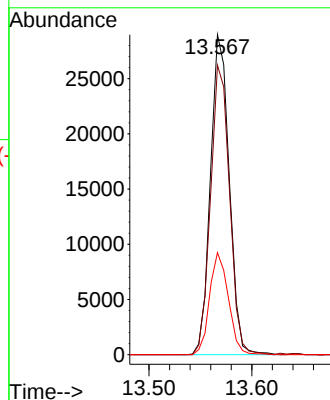
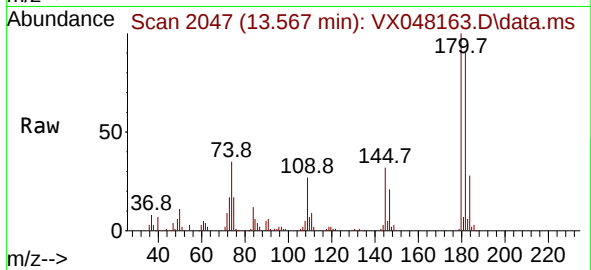
Tgt Ion:180	Resp:	3674
Ion Ratio	Lower	Upper
180	100	
182	91.6	46.6 139.8
145	32.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#94

Hexachlorobutadiene

Concen: 15.773 ug/l

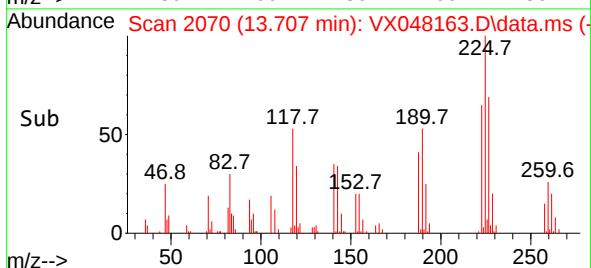
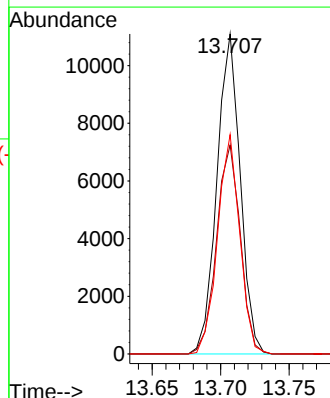
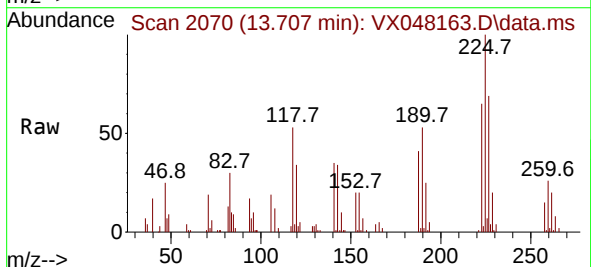
RT: 13.707 min Scan# 2070

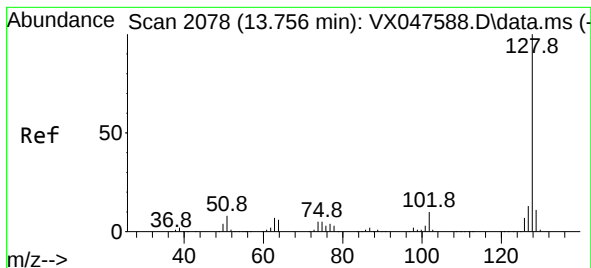
Delta R.T. -0.000 min

Lab File: VX048163.D

Acq: 14 Oct 2025 14:11

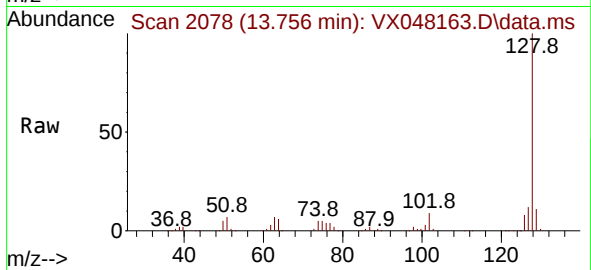
Tgt Ion:225	Resp:	13110
Ion Ratio	Lower	Upper
225	100	
223	66.6	31.7 95.1
227	65.0	32.0 96.0





#95
Naphthalene
Concen: 13.806 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11

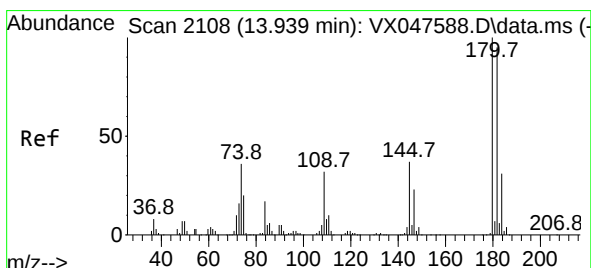
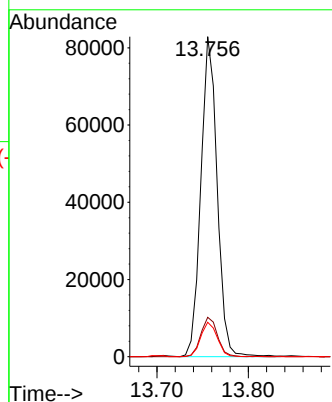
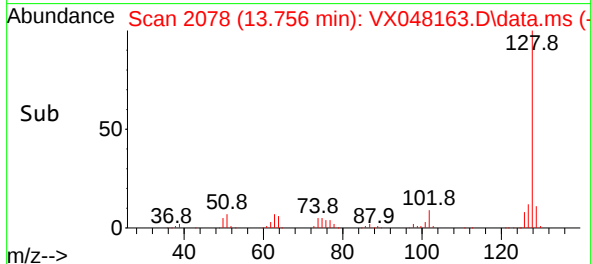
Instrument :
MSVOA_X
ClientSampleId :
VX1014MBS01



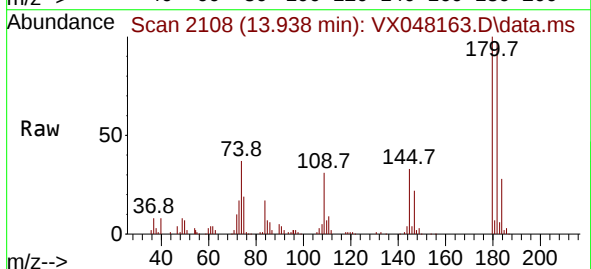
Tgt Ion:128 Resp: 10287
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.567 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048163.D
Acq: 14 Oct 2025 14:11



Tgt Ion:180 Resp: 35435
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 34.3 17.9 53.7

