

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047007.D
 Acq On : 15 Jul 2025 17:06
 Operator : JC/MD
 Sample : VX0715MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:30:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	310444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221056	53.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.397	113	180158	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.653	98	613762	48.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.079	95	247726	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50624	17.051	ug/l	96
3) Chloromethane	1.307	50	55529	17.119	ug/l	100
4) Vinyl Chloride	1.386	62	62621	17.728	ug/l	95
5) Bromomethane	1.624	94	41941	18.479	ug/l	98
6) Chloroethane	1.703	64	43972	18.852	ug/l	96
7) Trichlorofluoromethane	1.904	101	103643	18.976	ug/l	92
8) Diethyl Ether	2.148	74	38968	20.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	65726	18.885	ug/l	98
10) Methyl Iodide	2.471	142	52612	13.876	ug/l	100
11) Tert butyl alcohol	2.965	59	46075	171.294	ug/l	100
12) 1,1-Dichloroethene	2.337	96	62880	18.679	ug/l	98
13) Acrolein	2.251	56	23837	82.123	ug/l	97
14) Allyl chloride	2.678	41	121840	20.329	ug/l	98
15) Acrylonitrile	3.074	53	195273	125.565	ug/l	99
16) Acetone	2.392	43	158267	124.234	ug/l	95
17) Carbon Disulfide	2.532	76	131949	14.946	ug/l	97
18) Methyl Acetate	2.715	43	105599	31.449	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	226641	23.841	ug/l	99
20) Methylene Chloride	2.806	84	76230	20.236	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	66391	19.274	ug/l	96
22) Diisopropyl ether	3.769	45	259676	22.427	ug/l #	84
23) Vinyl Acetate	3.733	43	994586	114.654	ug/l	99
24) 1,1-Dichloroethane	3.623	63	133612	20.233	ug/l	98
25) 2-Butanone	4.568	43	237692	139.846	ug/l	97
26) 2,2-Dichloropropane	4.489	77	86252	17.550	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85137	20.243	ug/l	100
28) Bromochloromethane	4.916	49	70239	21.552	ug/l	97
29) Tetrahydrofuran	5.019	42	152661	140.899	ug/l	99
30) Chloroform	5.111	83	140047	20.759	ug/l	96
31) Cyclohexane	5.483	56	109369	18.656	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	117504	20.847	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90374	18.677	ug/l	99
37) Ethyl Acetate	4.727	43	94504	22.931	ug/l	98
38) Carbon Tetrachloride	5.690	117	97550	19.069	ug/l	98
39) Methylcyclohexane	7.385	83	100843	16.660	ug/l	95
40) Benzene	6.043	78	279584	19.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	54774	24.914	ug/l	98
42) 1,2-Dichloroethane	6.098	62	104810	21.089	ug/l	97
43) Isopropyl Acetate	6.348	43	162099	25.679	ug/l	99
44) Trichloroethene	7.135	130	68457	17.968	ug/l	93
45) 1,2-Dichloropropane	7.433	63	73300	19.823	ug/l	92
46) Dibromomethane	7.586	93	53191	20.761	ug/l	98
47) Bromodichloromethane	7.824	83	111412	20.366	ug/l	97
48) Methyl methacrylate	7.696	41	83091	25.492	ug/l	96
49) 1,4-Dioxane	7.665	88	21863	578.886	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	516323	138.592	ug/l	99
52) Toluene	8.720	92	179542	19.797	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	97384	19.947	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	109998	19.739	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	72450	21.447	ug/l	96
56) Ethyl methacrylate	9.116	69	112348	24.029	ug/l	98
57) 1,3-Dichloropropane	9.311	76	123372	21.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	264524	100.410	ug/l	99
59) 2-Hexanone	9.433	43	357652	144.733	ug/l	98
60) Dibromochloromethane	9.518	129	81124	20.067	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71104	20.958	ug/l	96
64) Tetrachloroethene	9.275	164	56757	18.097	ug/l	93
65) Chlorobenzene	10.079	112	199501	19.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69339	20.253	ug/l	99
67) Ethyl Benzene	10.195	91	346071	19.843	ug/l	100
68) m/p-Xylenes	10.299	106	258759	39.373	ug/l	97
69) o-Xylene	10.640	106	126247	19.887	ug/l	98
70) Styrene	10.652	104	221785	20.420	ug/l	98
71) Bromoform	10.799	173	53510	21.021	ug/l #	98
73) Isopropylbenzene	10.963	105	338957	20.174	ug/l	100
74) N-amyl acetate	10.841	43	145837	25.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108923	23.576	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85192m	23.068	ug/l	
77) Bromobenzene	11.195	156	82862	19.799	ug/l	96
78) n-propylbenzene	11.305	91	403359	19.910	ug/l	99
79) 2-Chlorotoluene	11.366	91	243601	20.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	280552	20.550	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28681	20.841	ug/l	93
82) 4-Chlorotoluene	11.451	91	284304	20.595	ug/l	100
83) tert-Butylbenzene	11.713	119	285636	20.257	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	283980	20.580	ug/l	95
85) sec-Butylbenzene	11.890	105	357652	20.118	ug/l	99
86) p-Isopropyltoluene	12.006	119	291042	19.549	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	156922	20.049	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	156512	19.214	ug/l	98
89) n-Butylbenzene	12.329	91	267548	19.126	ug/l	99
90) Hexachloroethane	12.536	117	49305	18.682	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	150962	19.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20644	25.547	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	100068	19.420	ug/l	99
94) Hexachlorobutadiene	13.719	225	34692	17.853	ug/l	99
95) Naphthalene	13.774	128	318027	23.422	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96852	19.893	ug/l	97

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QLast Update : Thu Jul 03 05:51:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

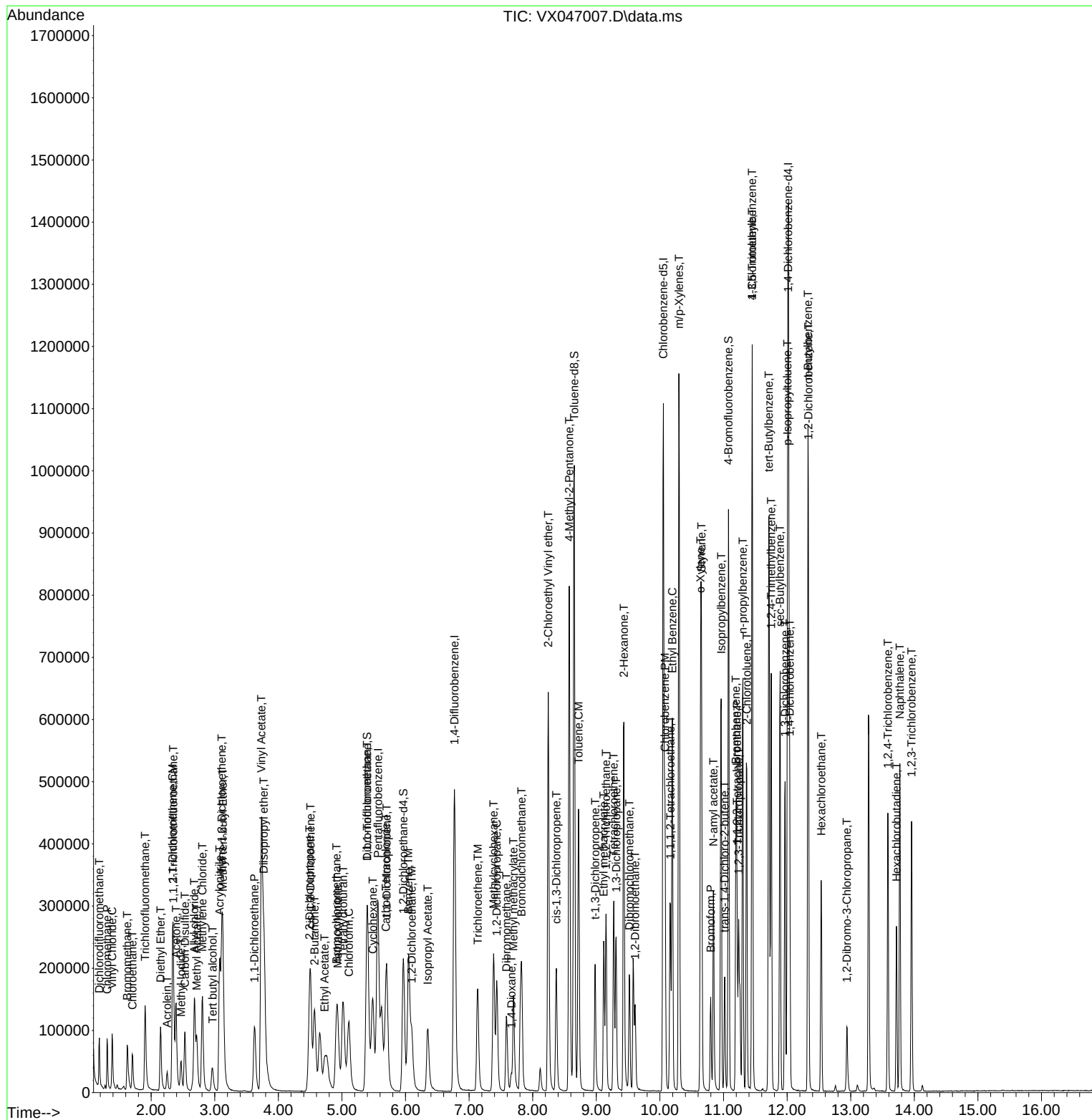
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
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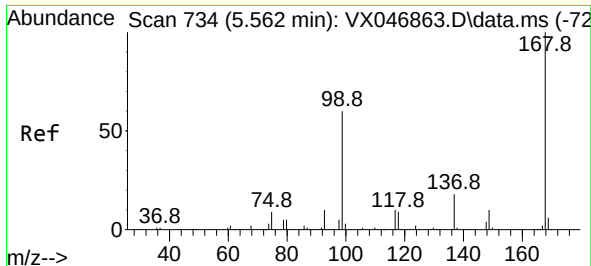
Instrument :
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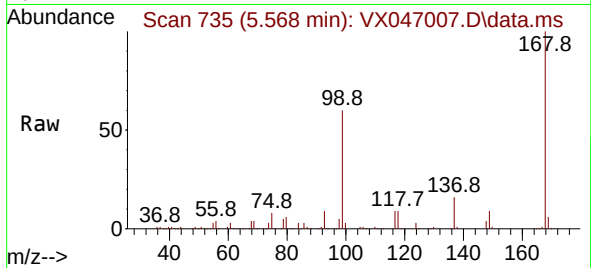
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047007.D
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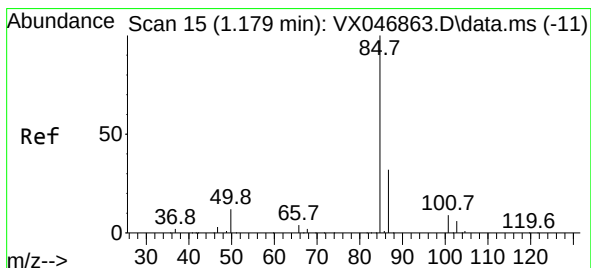
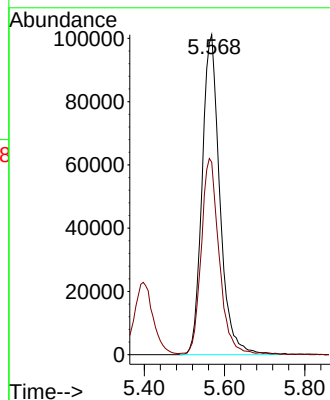
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion:168 Resp: 31044
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2

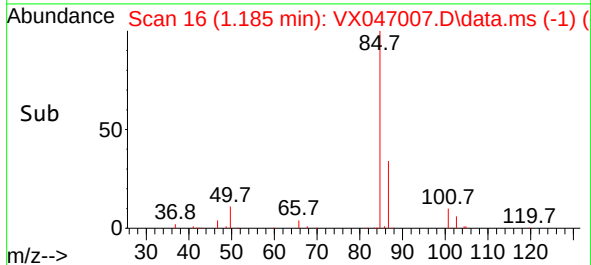
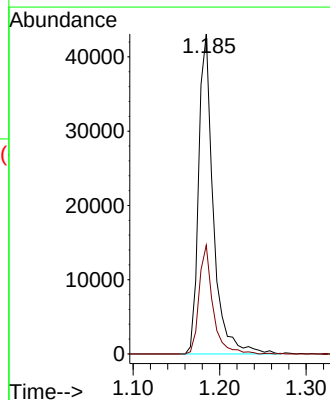
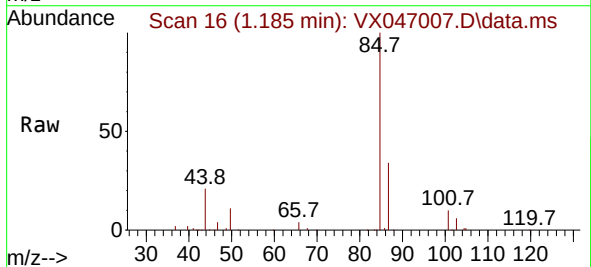
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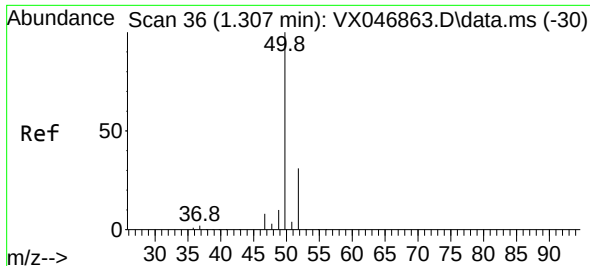
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#2
Dichlorodifluoromethane
Concen: 17.051 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

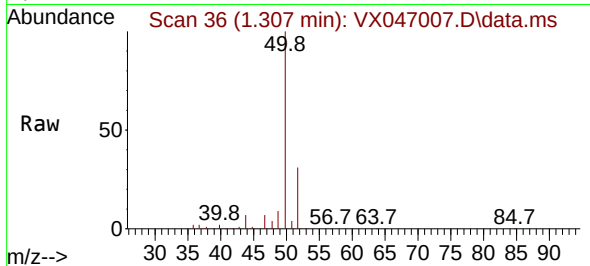
Tgt Ion: 85 Resp: 50624
Ion Ratio Lower Upper
85 100
87 34.0 16.0 47.9





#3
Chloromethane
Concen: 17.119 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

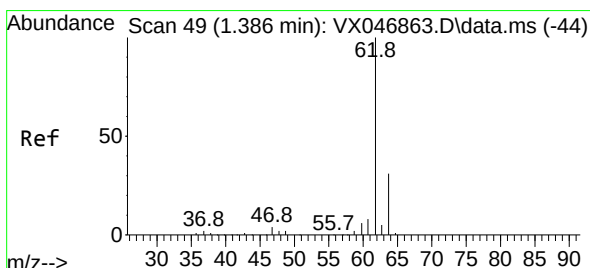
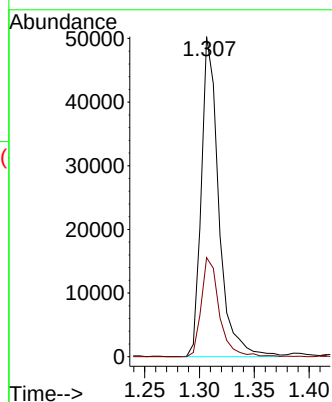
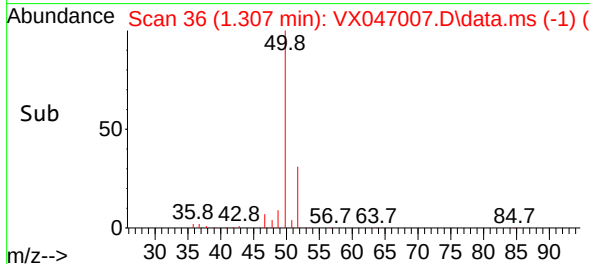
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 55529
Ion Ratio Lower Upper
50 100
52 30.9 25.0 37.4

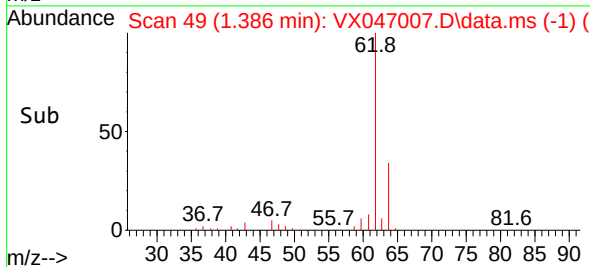
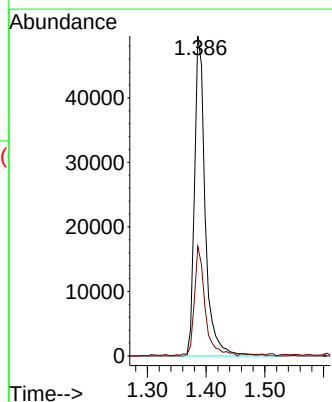
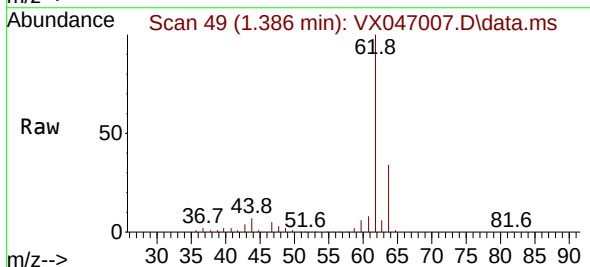
Manual Integrations
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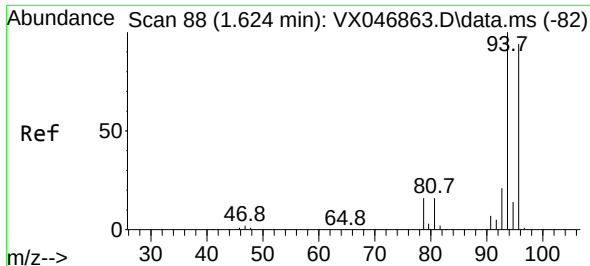
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#4
Vinyl Chloride
Concen: 17.728 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

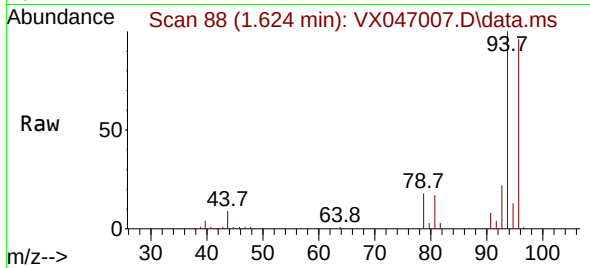
Tgt Ion: 62 Resp: 62621
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.4





#5
Bromomethane
Concen: 18.479 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

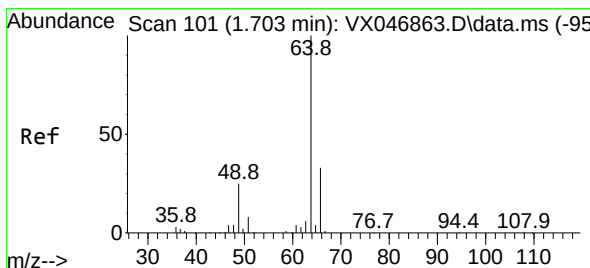
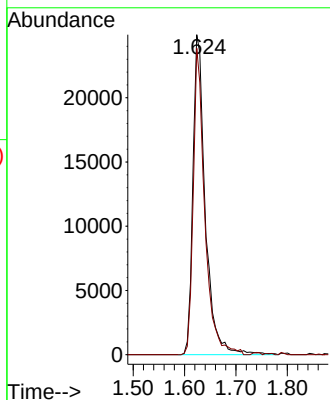
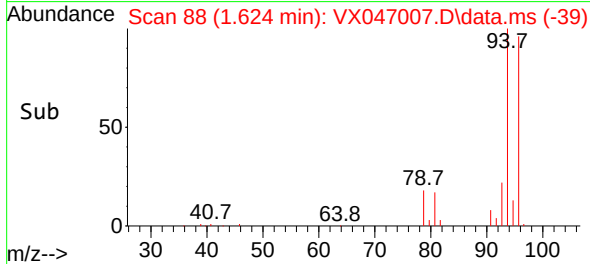
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Tgt Ion: 94 Resp: 4194
Ion Ratio Lower Upper
94 100
96 96.6 75.5 113.3

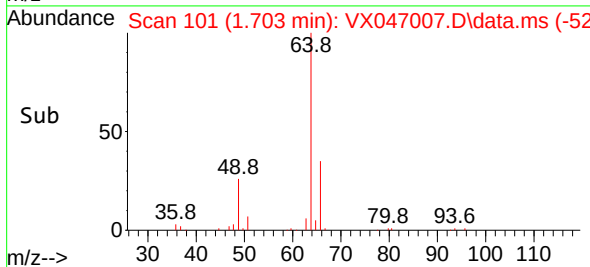
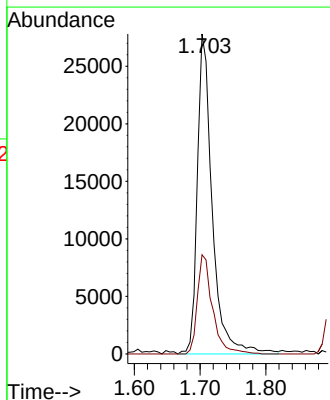
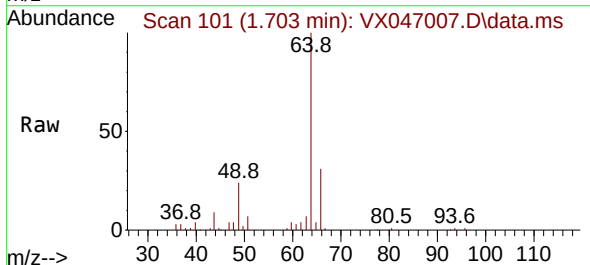
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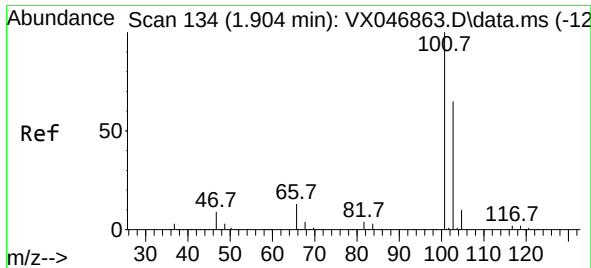
Reviewed By :John Carlone 07/16/2025
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#6
Chloroethane
Concen: 18.852 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047007.D
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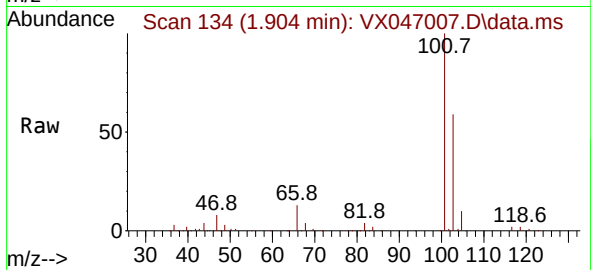
Tgt Ion: 64 Resp: 43972
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.976 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

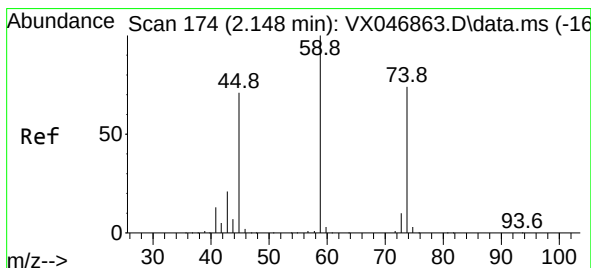
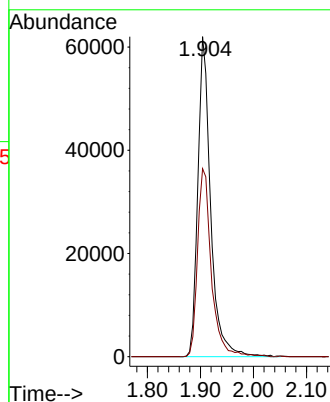
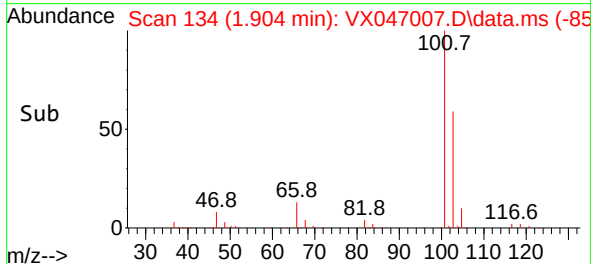
Instrument :
MSVOA_X
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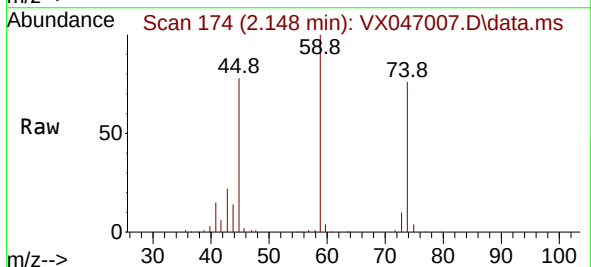
Tgt Ion:101 Resp: 10364
Ion Ratio Lower Upper
101 100
103 58.8 51.9 77.9

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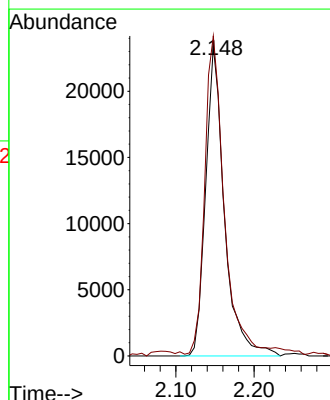
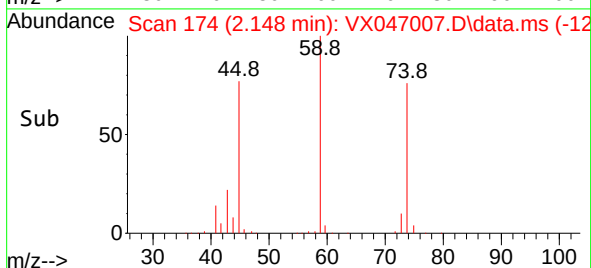
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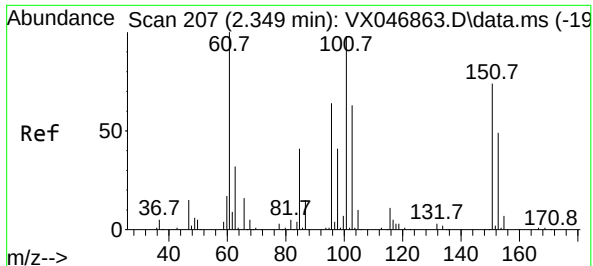


#8
Diethyl Ether
Concen: 20.048 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047007.D
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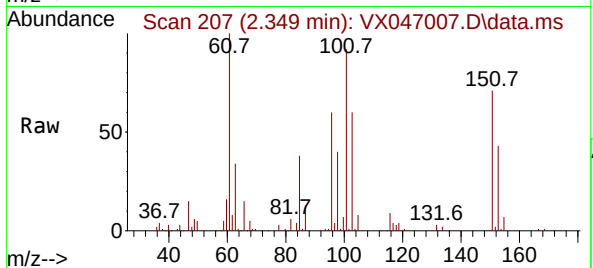
Tgt Ion: 74 Resp: 38968
Ion Ratio Lower Upper
74 100
45 108.5 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.885 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

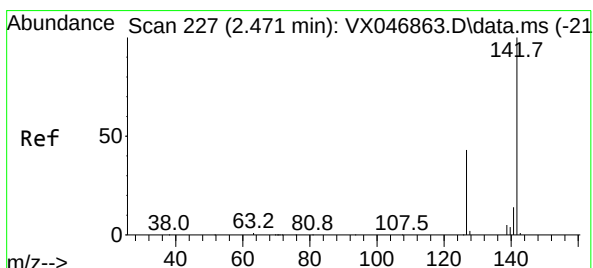
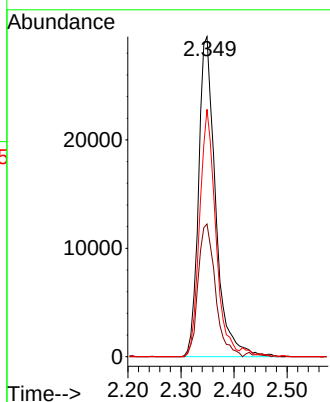
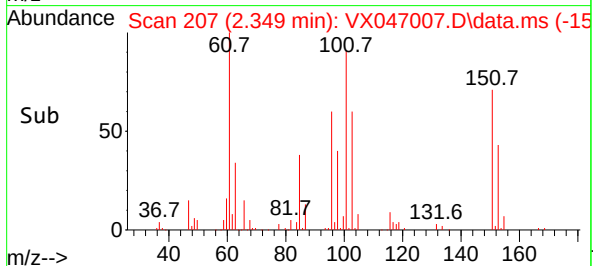
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion:101 Resp: 65720
Ion Ratio Lower Upper
101 100
85 42.0 34.3 51.5
151 72.8 59.9 89.9

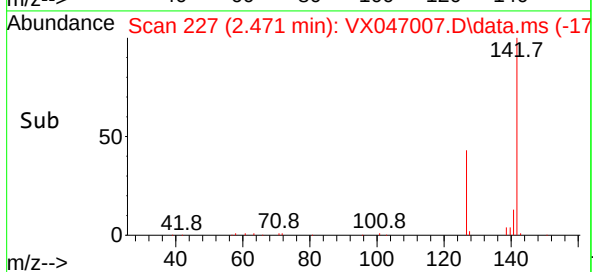
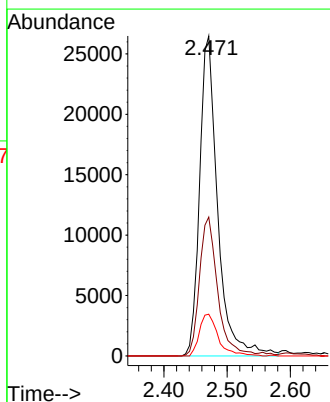
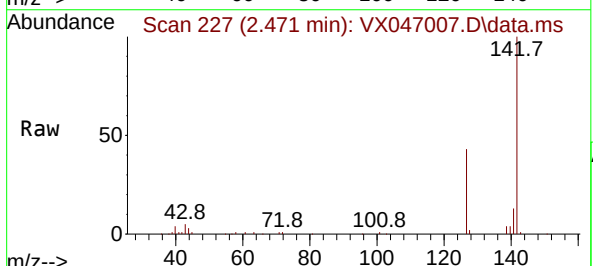
Manual Integrations
APPROVED

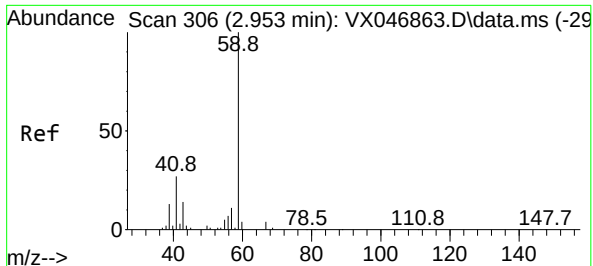
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#10
Methyl Iodide
Concen: 13.876 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

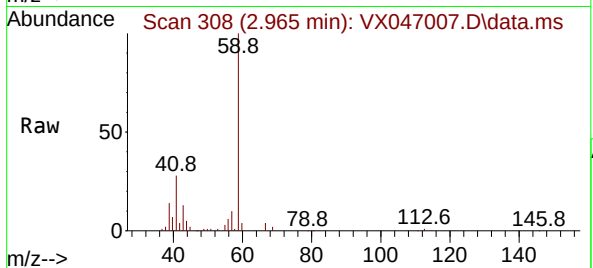
Tgt Ion:142 Resp: 52612
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 13.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 171.294 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

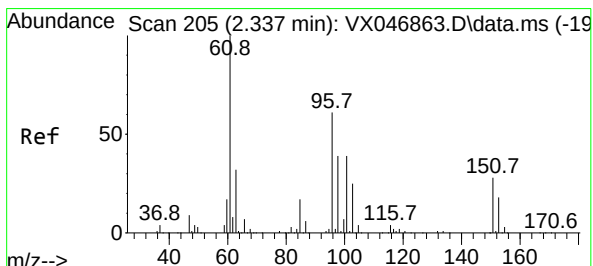
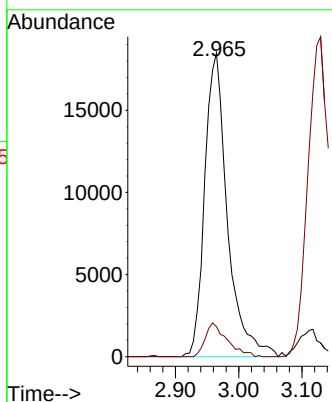
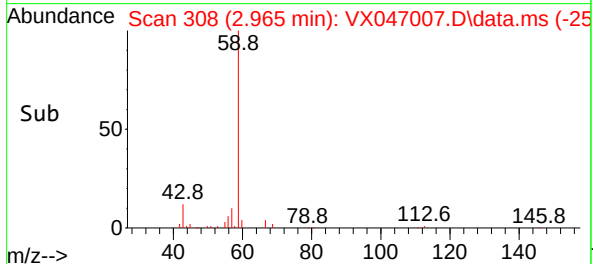
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 59 Resp: 46075
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

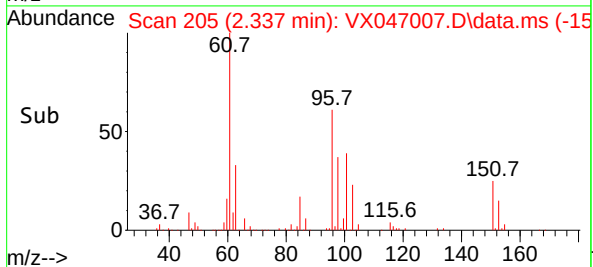
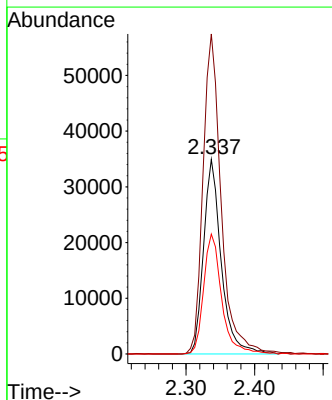
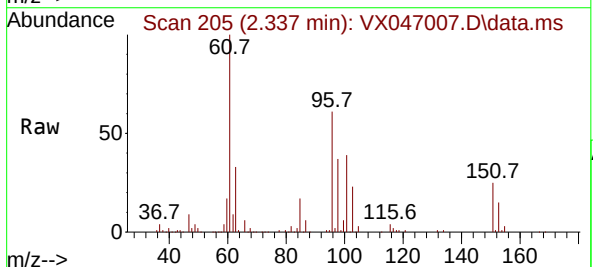
Manual Integrations
APPROVED

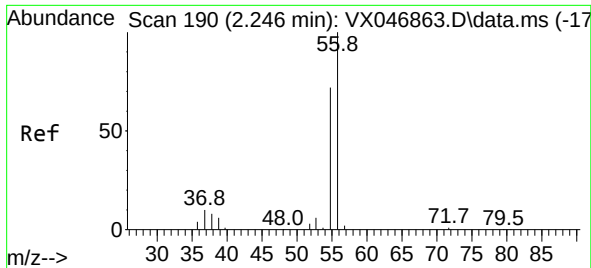
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#12
1,1-Dichloroethene
Concen: 18.679 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 96 Resp: 62880
Ion Ratio Lower Upper
96 100
61 164.4 130.2 195.4
98 61.6 51.3 76.9





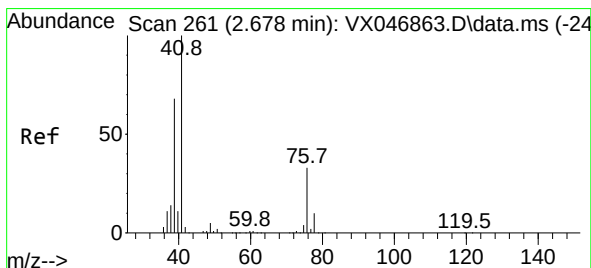
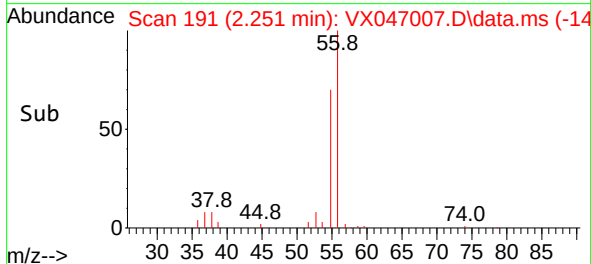
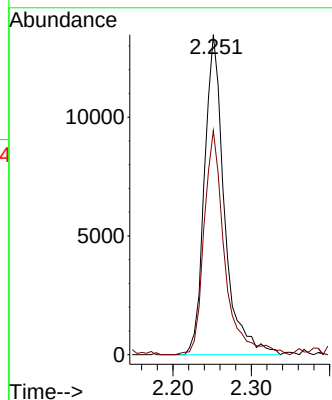
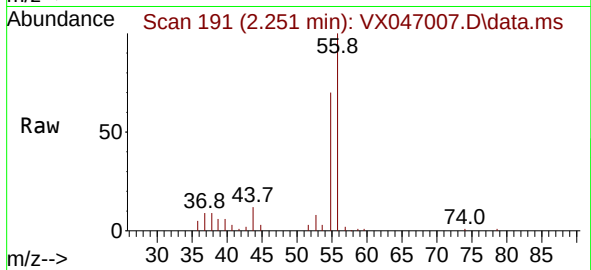
#13
Acrolein
Concen: 82.123 ug/l
RT: 2.251 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 56 Resp: 2383
Ion Ratio Lower Upper
56 100
55 72.3 55.5 83.3

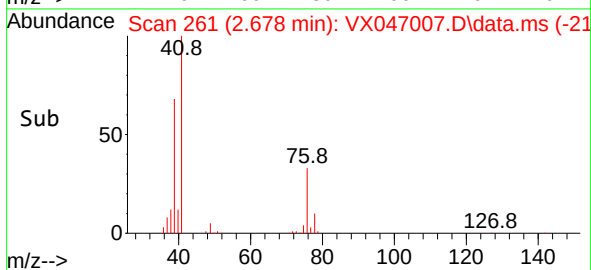
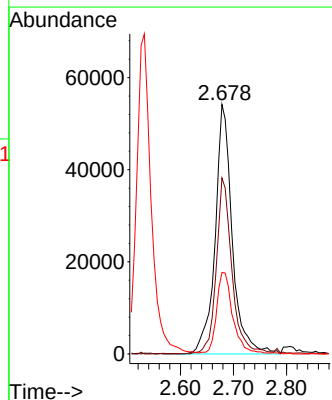
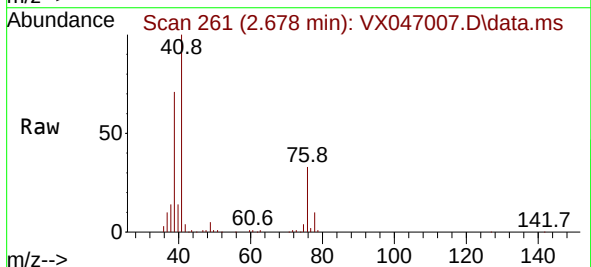
Manual Integrations
APPROVED

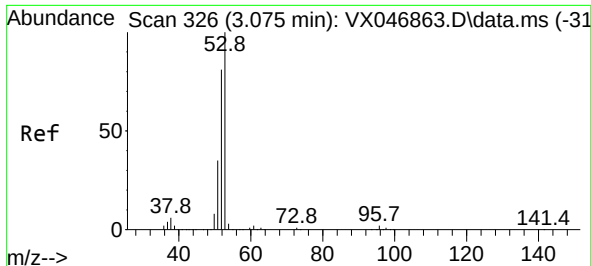
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#14
Allyl chloride
Concen: 20.329 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

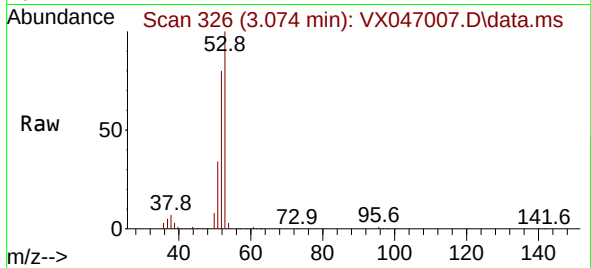
Tgt Ion: 41 Resp: 121840
Ion Ratio Lower Upper
41 100
39 64.4 52.0 78.0
76 29.9 26.2 39.2





#15
Acrylonitrile
Concen: 125.565 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

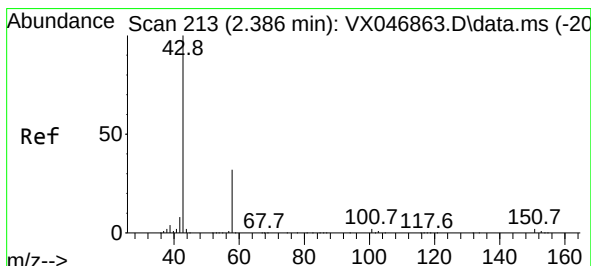
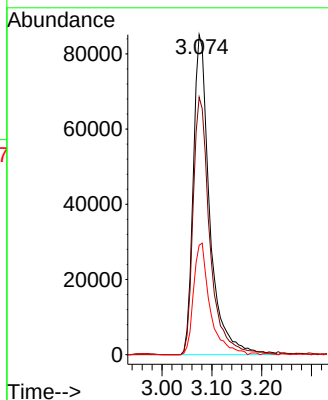
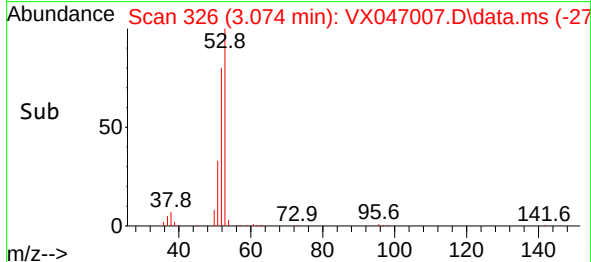
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



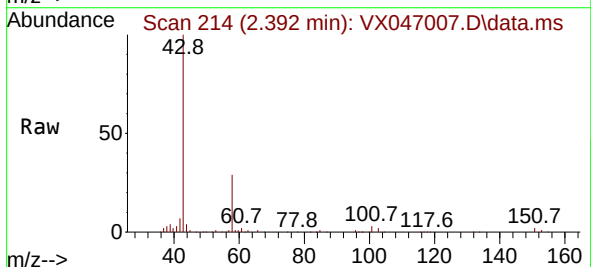
Tgt Ion: 53 Resp: 19527
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 34.9 28.6 43.0

Manual Integrations
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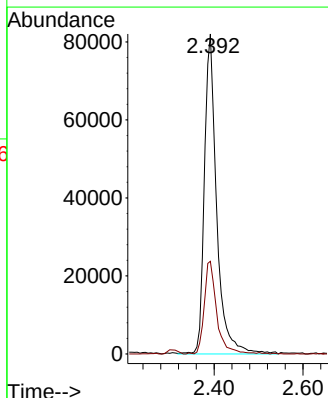
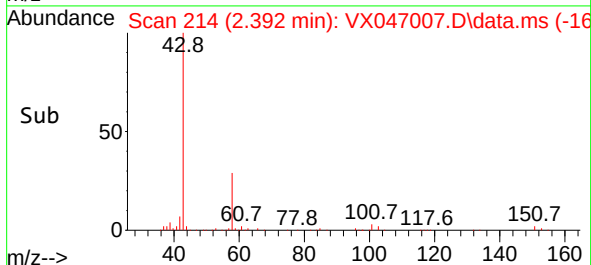
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

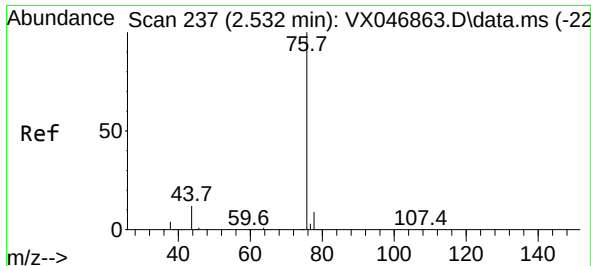


#16
Acetone
Concen: 124.234 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



Tgt Ion: 43 Resp: 158267
Ion Ratio Lower Upper
43 100
58 29.4 25.8 38.6





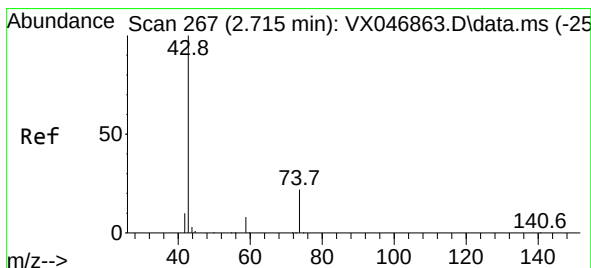
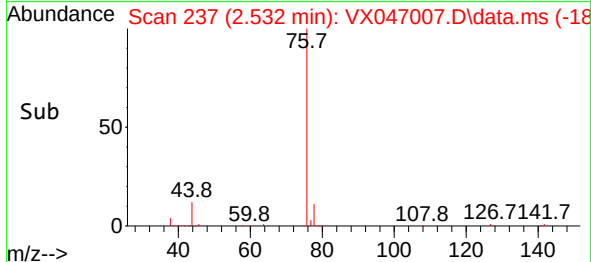
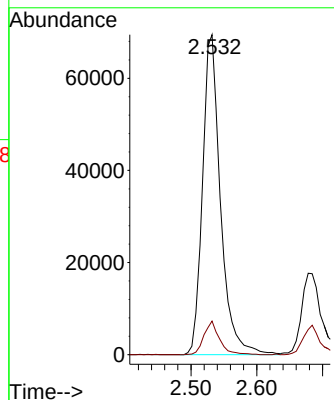
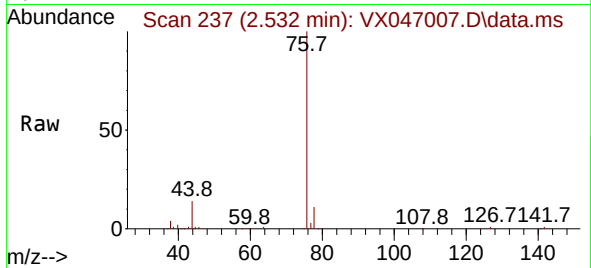
#17
Carbon Disulfide
Concen: 14.946 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 76 Resp: 131949
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2

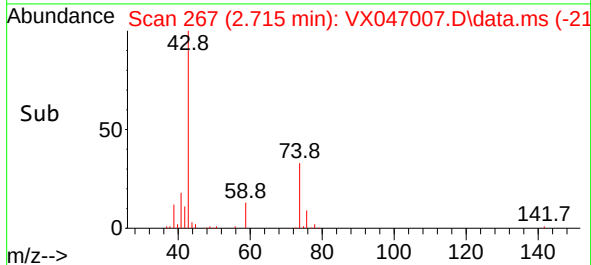
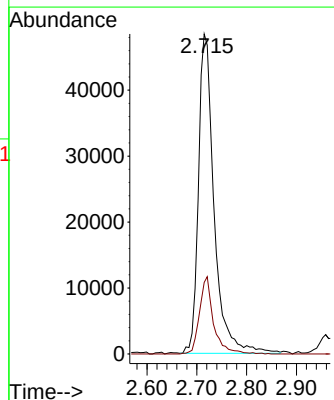
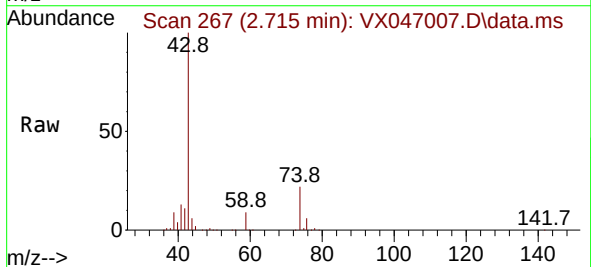
Manual Integrations
APPROVED

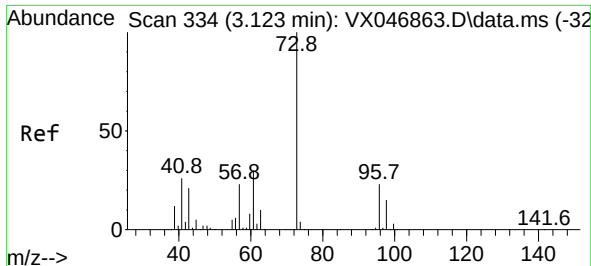
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#18
Methyl Acetate
Concen: 31.449 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 43 Resp: 105599
Ion Ratio Lower Upper
43 100
74 21.8 18.3 27.5





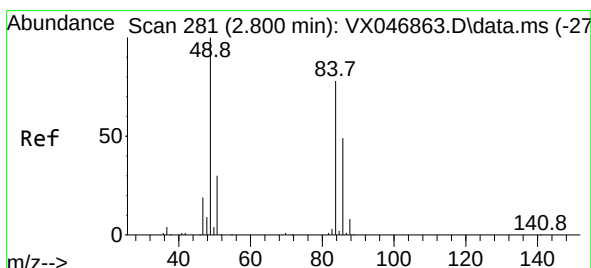
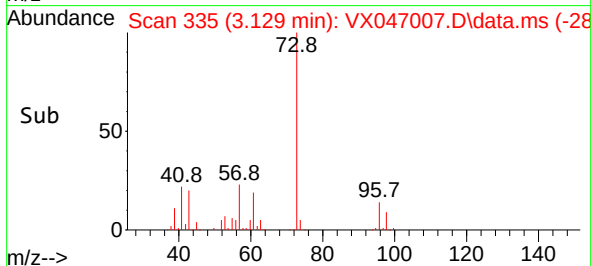
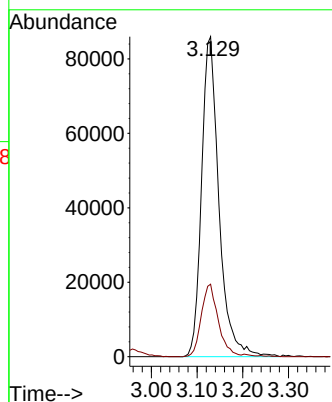
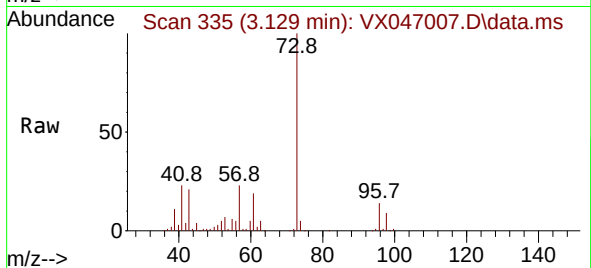
#19
Methyl tert-butyl Ether
Concen: 23.841 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 73 Resp: 22664
Ion Ratio Lower Upper
73 100
57 22.7 18.6 28.0

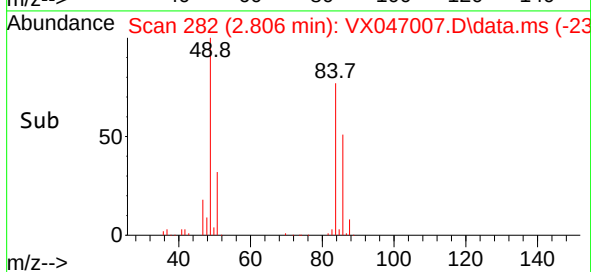
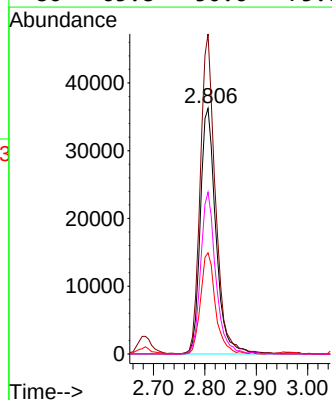
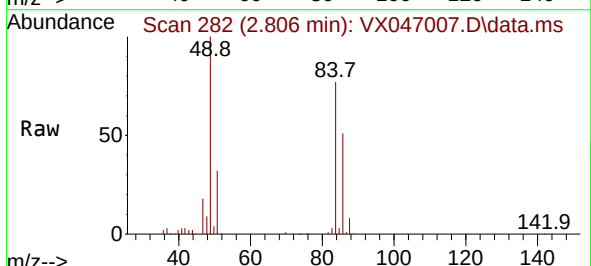
Manual Integrations
APPROVED

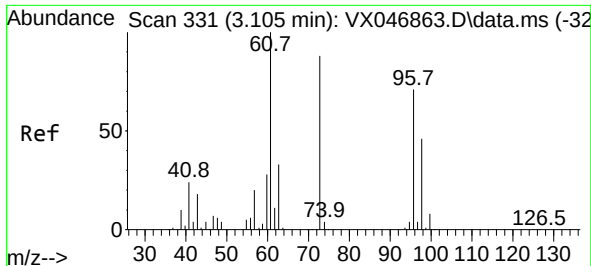
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#20
Methylene Chloride
Concen: 20.236 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

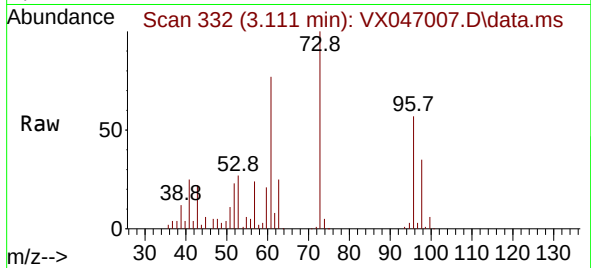
Tgt Ion: 84 Resp: 76230
Ion Ratio Lower Upper
84 100
49 130.3 102.8 154.2
51 41.2 31.1 46.7
86 65.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 19.274 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

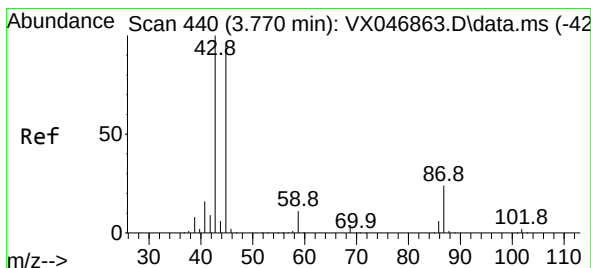
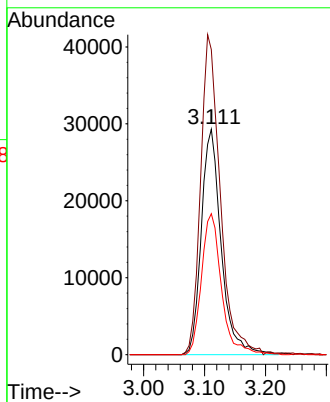
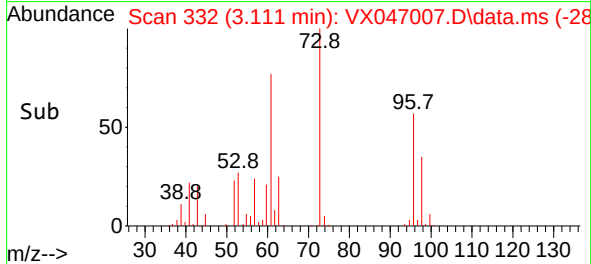
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 96 Resp: 6639
Ion Ratio Lower Upper
96 100
61 135.3 113.4 170.2
98 64.4 51.8 77.6

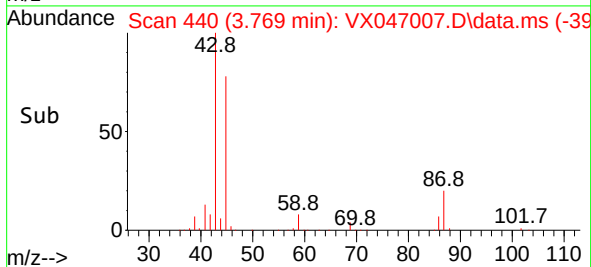
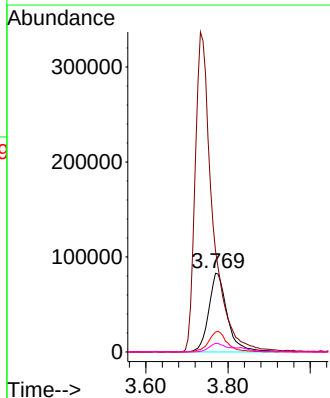
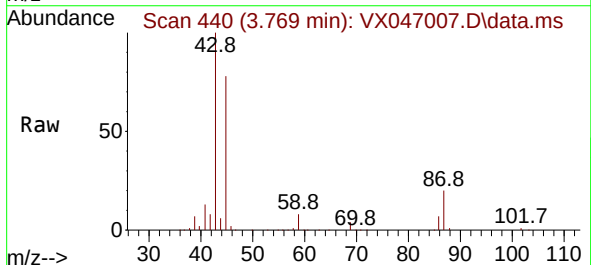
Manual Integrations
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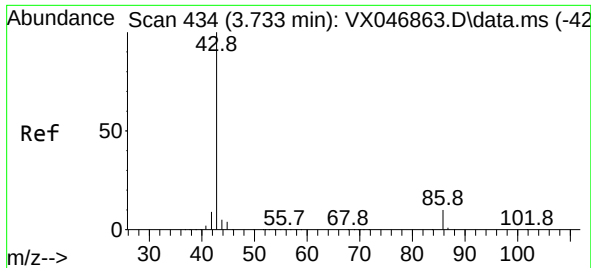
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#22
Diisopropyl ether
Concen: 22.427 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 45 Resp: 259676
Ion Ratio Lower Upper
45 100
43 127.8 84.2 126.4#
87 25.0 20.3 30.5
59 10.6 8.9 13.3





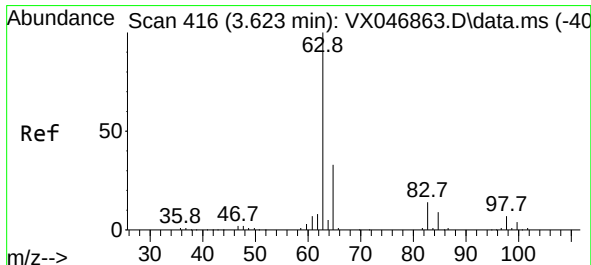
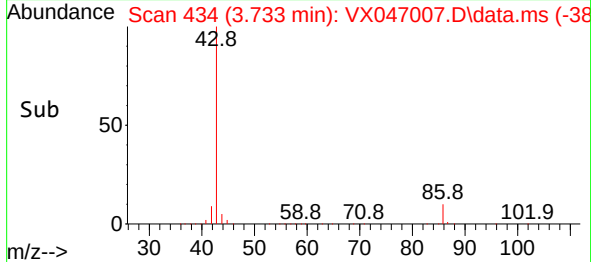
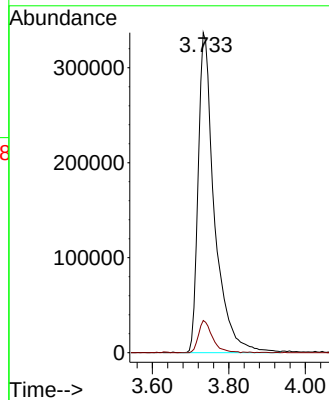
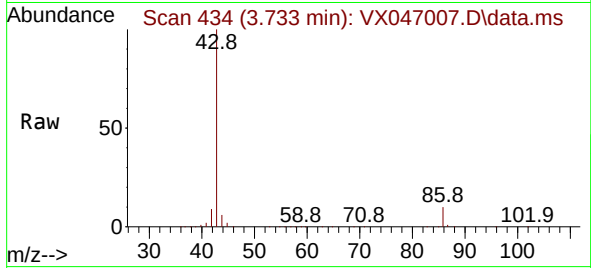
#23
 Vinyl Acetate
 Concen: 114.654 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBS01

Tgt Ion: 43 Resp: 994586
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.4

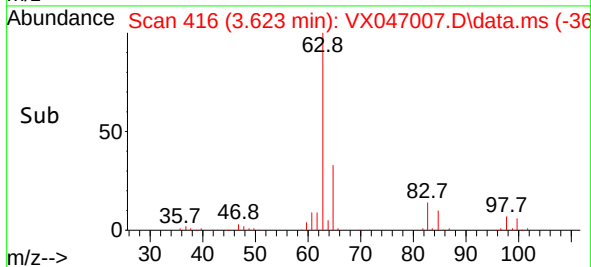
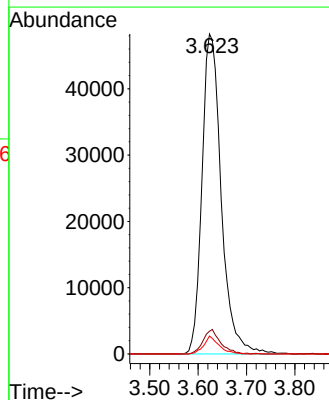
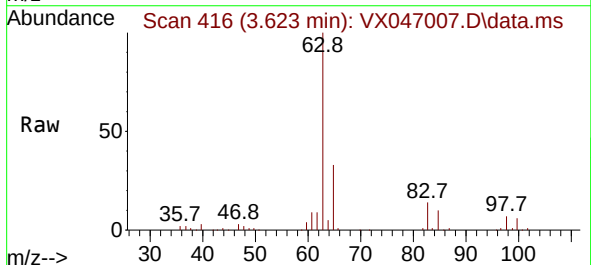
Manual Integrations
 APPROVED

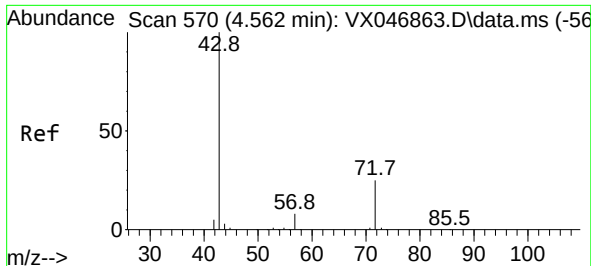
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 20.233 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06

Tgt Ion: 63 Resp: 133612
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.8 2.3 6.9





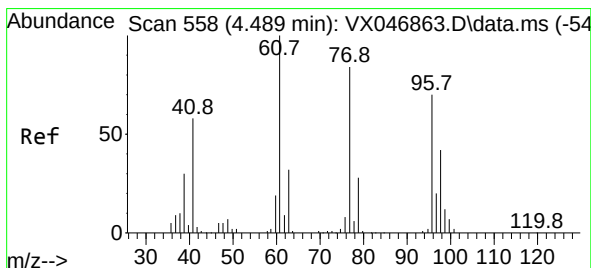
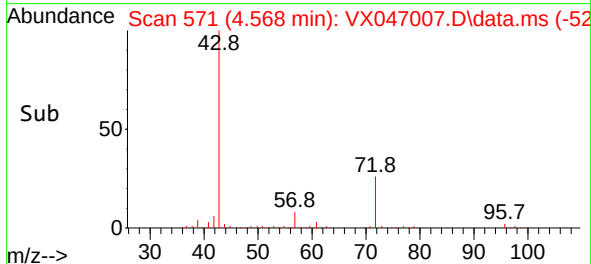
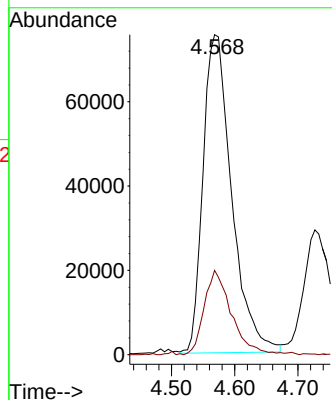
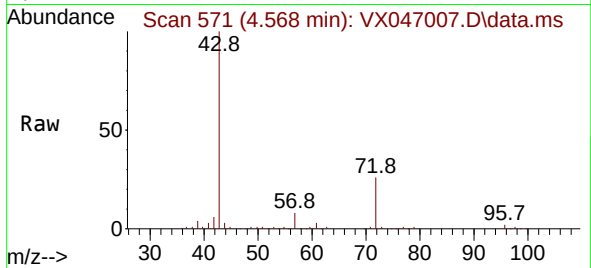
#25
2-Butanone
Concen: 139.846 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 43 Resp: 237692
Ion Ratio Lower Upper
43 100
72 26.3 20.0 30.0

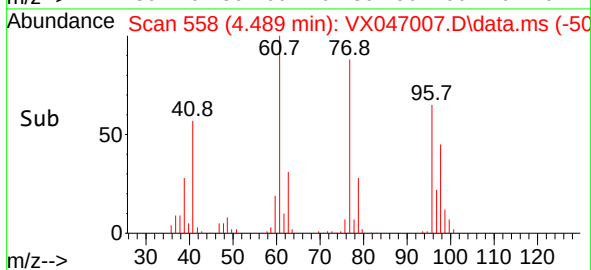
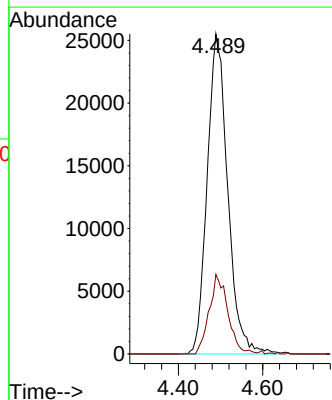
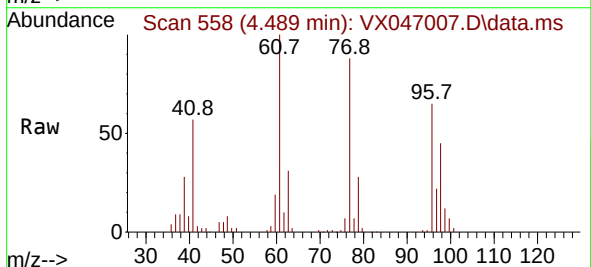
Manual Integrations
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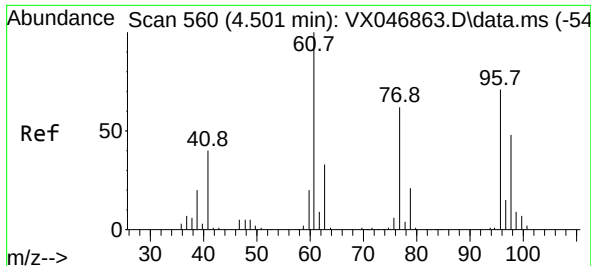
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#26
2,2-Dichloropropane
Concen: 17.550 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 77 Resp: 86252
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.243 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 96 Resp: 8513

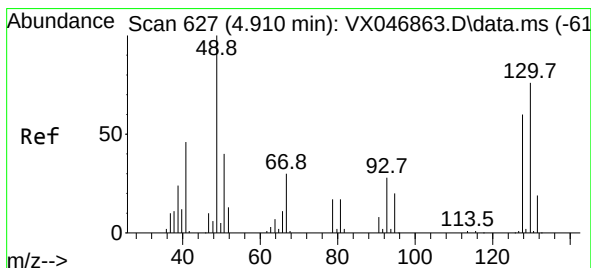
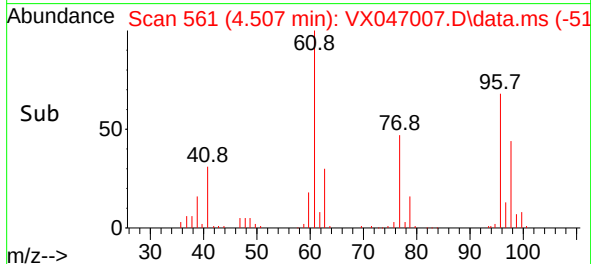
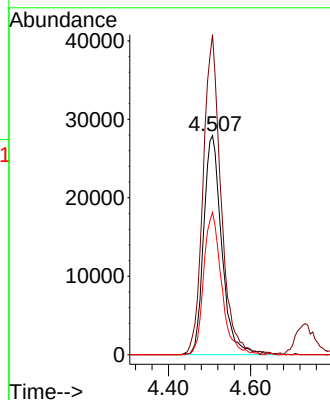
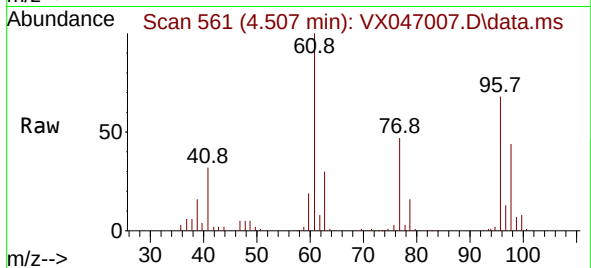
Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	288.6
98	63.9	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#28

Bromochloromethane

Concen: 21.552 ug/l

RT: 4.916 min Scan# 628

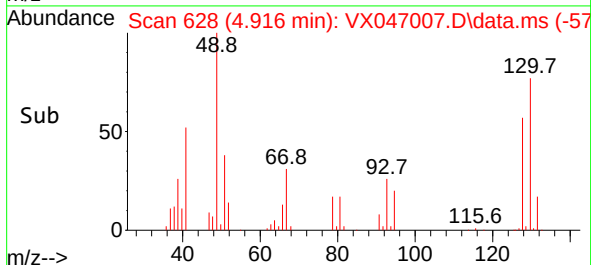
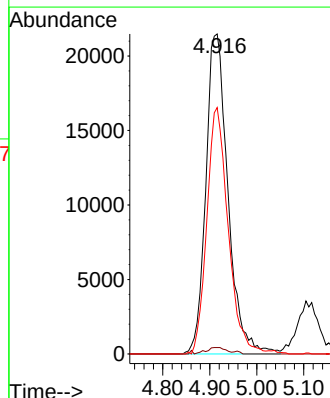
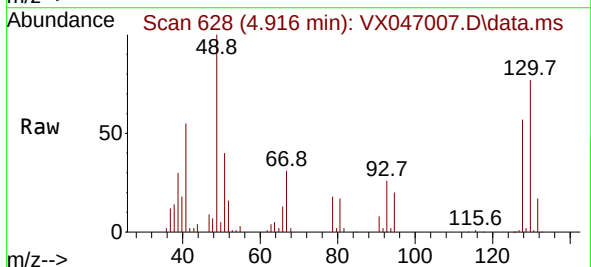
Delta R.T. 0.006 min

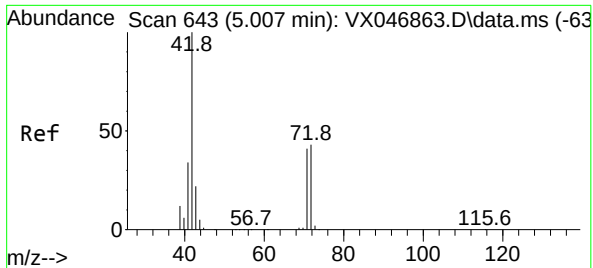
Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Tgt Ion: 49 Resp: 70239

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	74.1	61.7	92.5





#29

Tetrahydrofuran

Concen: 140.899 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 42 Resp: 15266

Ion Ratio Lower Upper

42 100

72 42.7 35.1 52.7

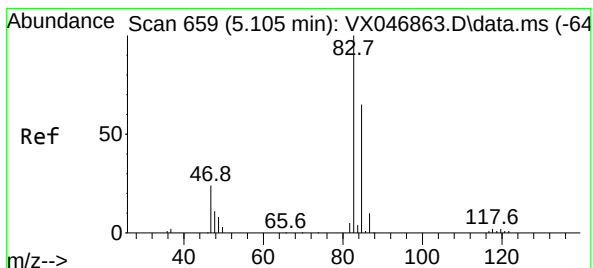
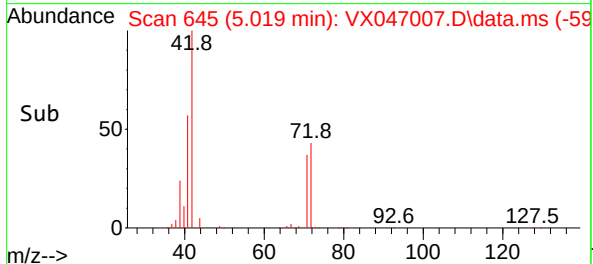
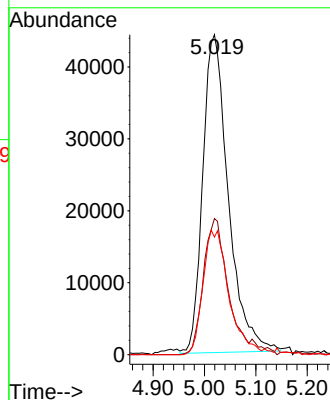
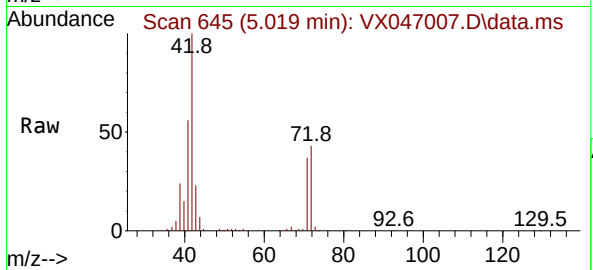
71 40.1 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#30

Chloroform

Concen: 20.759 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX047007.D

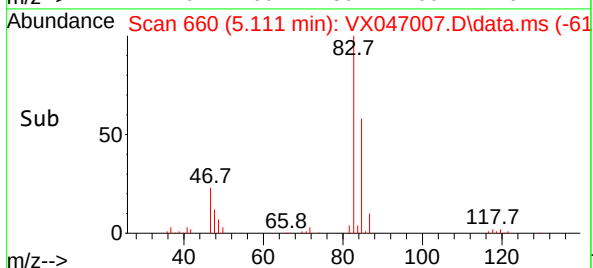
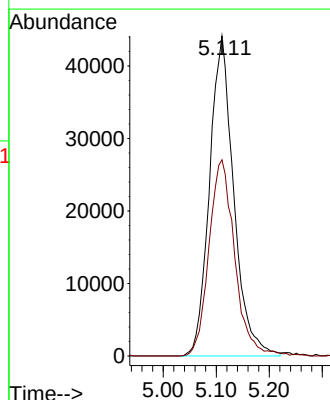
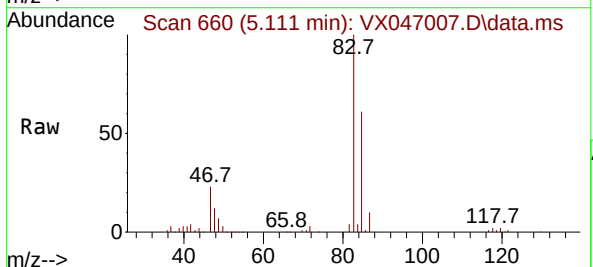
Acq: 15 Jul 2025 17:06

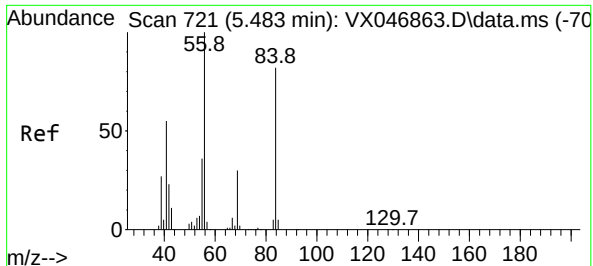
Tgt Ion: 83 Resp: 140047

Ion Ratio Lower Upper

83 100

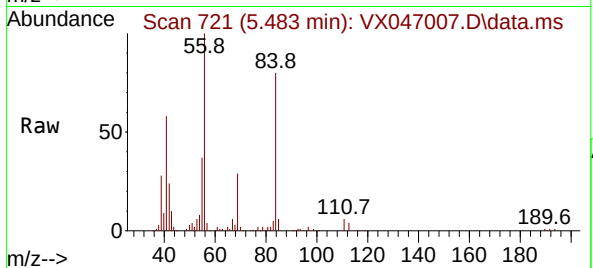
85 61.3 51.8 77.8





#31
Cyclohexane
Concen: 18.656 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

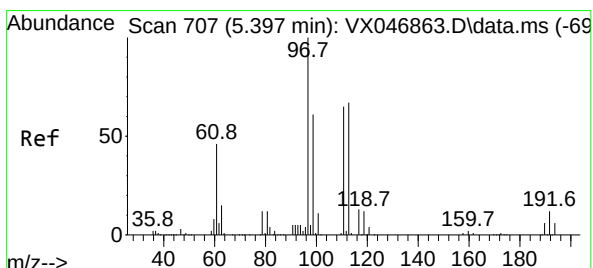
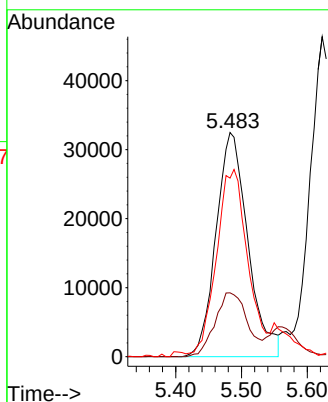
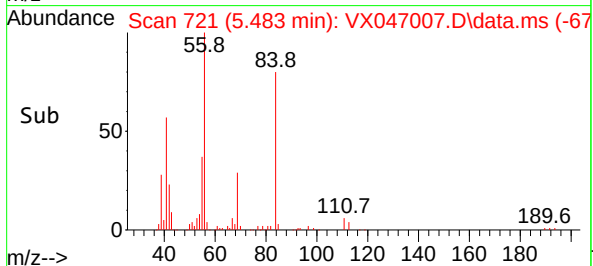
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



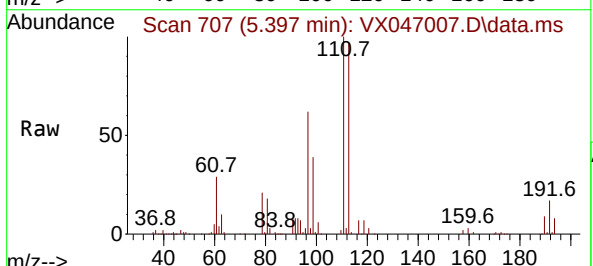
Tgt Ion: 56 Resp: 109369
Ion Ratio Lower Upper
56 100
69 28.5 24.0 36.0
84 77.5 66.5 99.7

Manual Integrations
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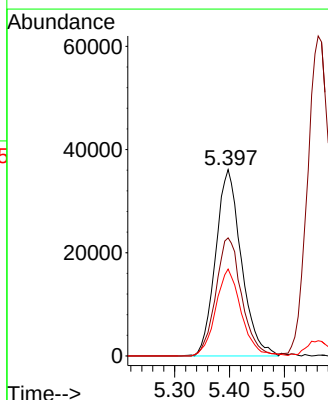
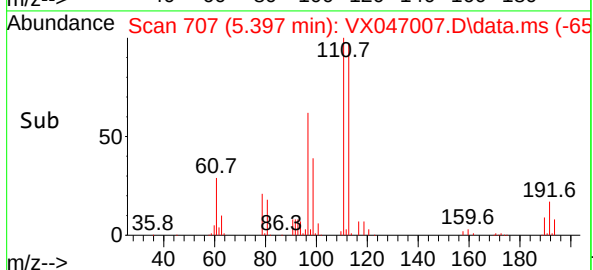
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

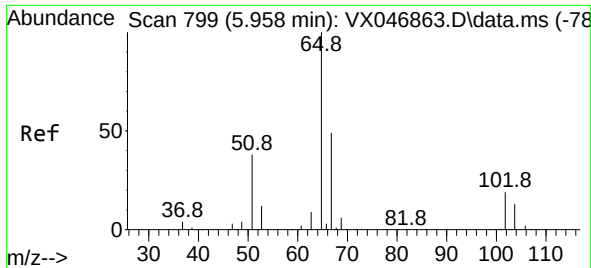


#32
1,1,1-Trichloroethane
Concen: 20.847 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



Tgt Ion: 97 Resp: 117504
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 46.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.899 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 65 Resp: 221050

Ion Ratio Lower Upper

65 100

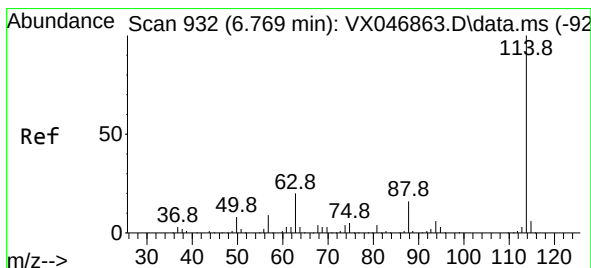
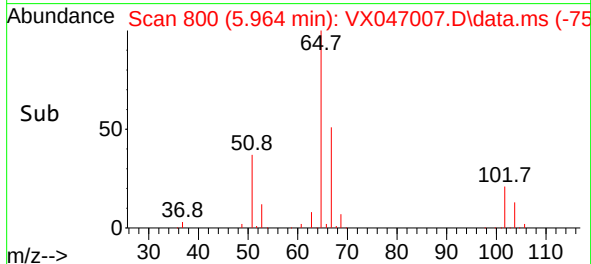
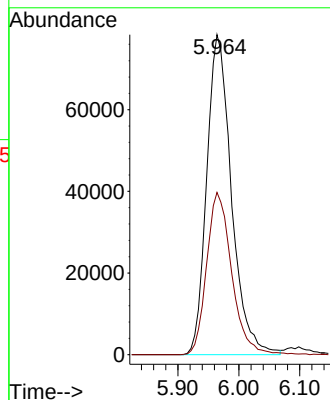
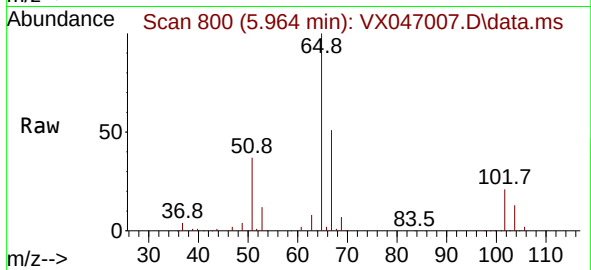
67 51.5 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

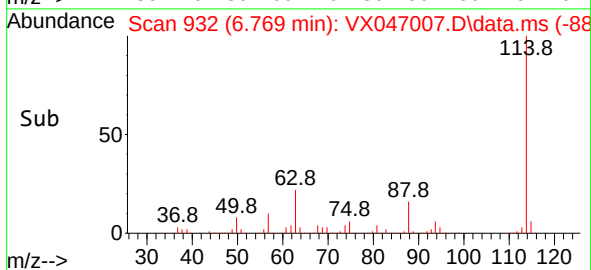
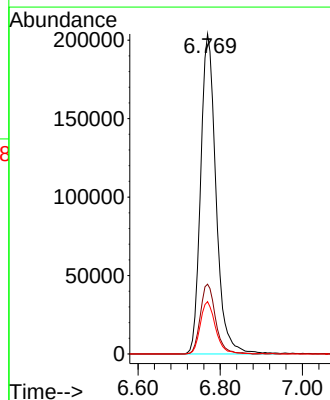
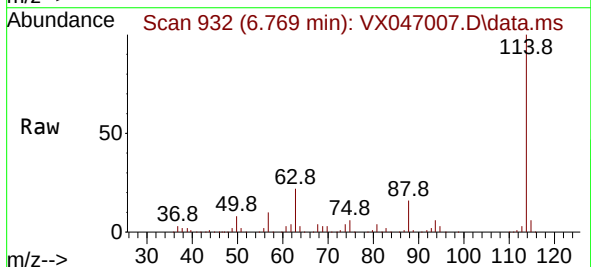
Tgt Ion:114 Resp: 528338

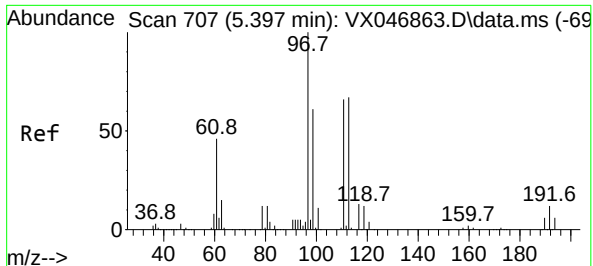
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX047007.D

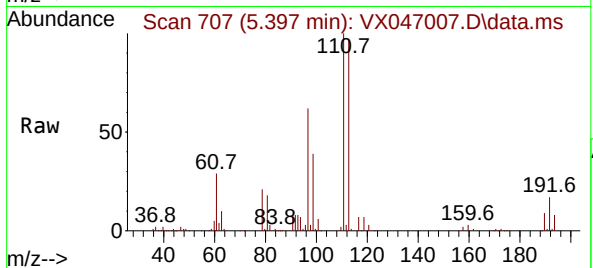
Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01



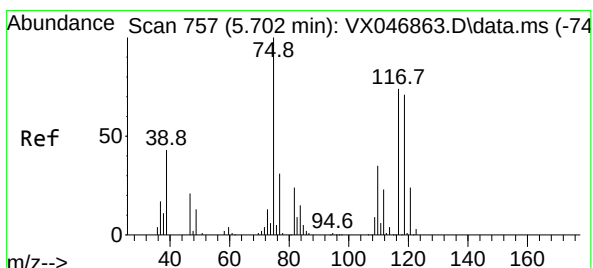
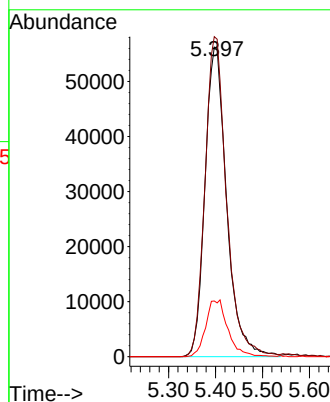
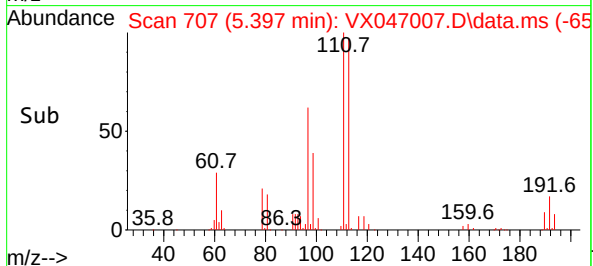
Tgt Ion:	113	Resp:	180158
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.2	121.8
192	18.7	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#36

1,1-Dichloropropene

Concen: 18.677 ug/l

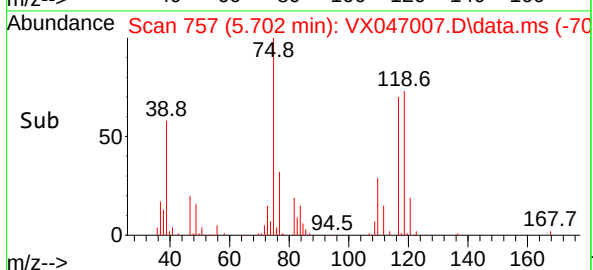
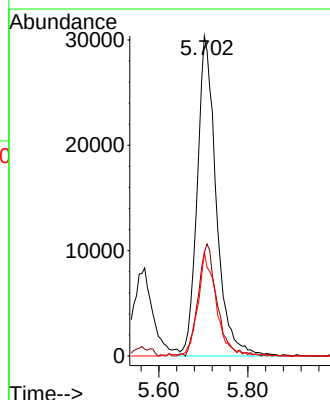
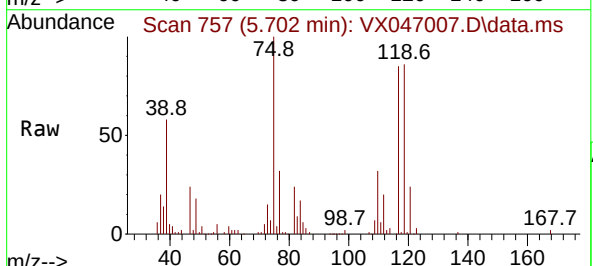
RT: 5.702 min Scan# 757

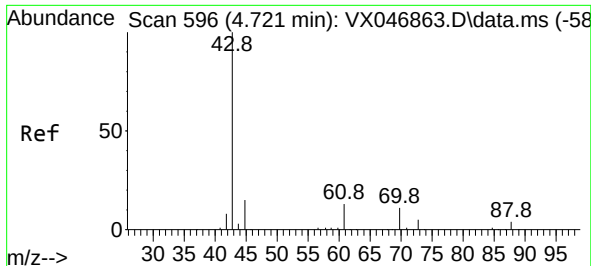
Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

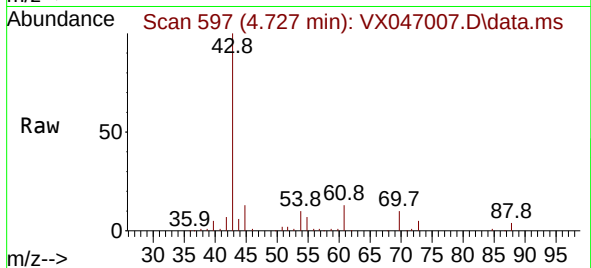
Tgt Ion:	75	Resp:	90374
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.3	51.9
77	31.4	24.2	36.4





#37
Ethyl Acetate
Concen: 22.931 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

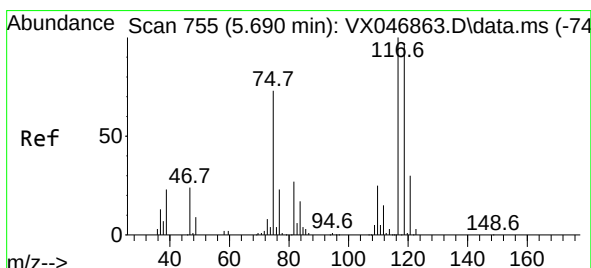
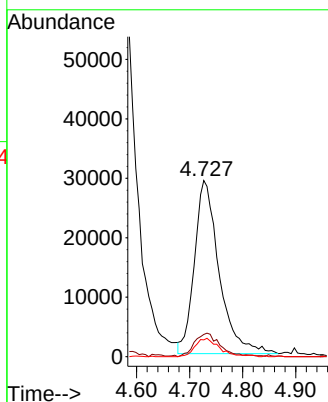
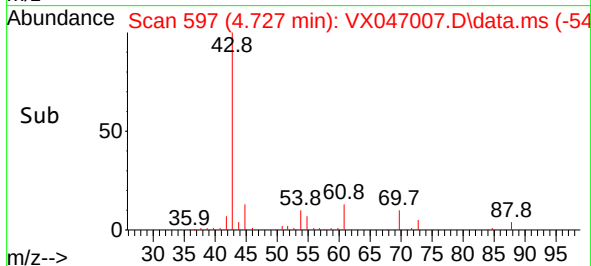
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 43 Resp: 94504
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 10.1 8.3 12.5

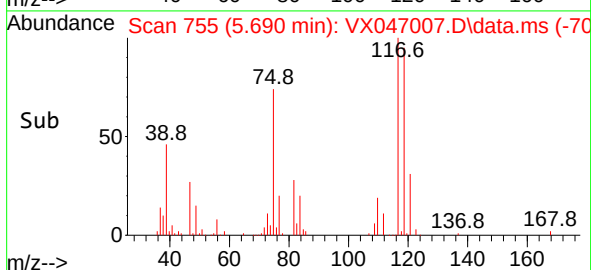
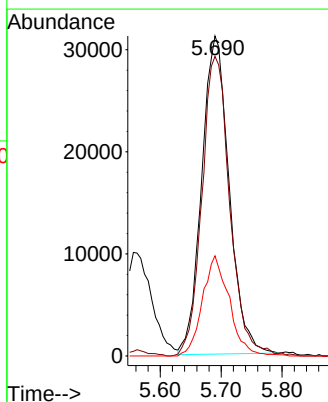
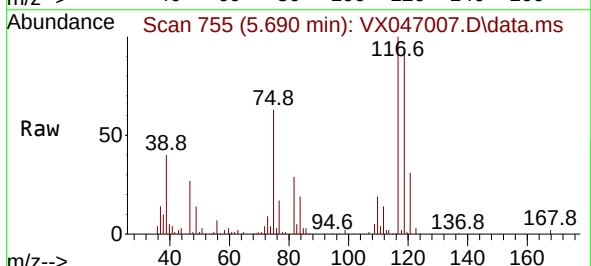
Manual Integrations
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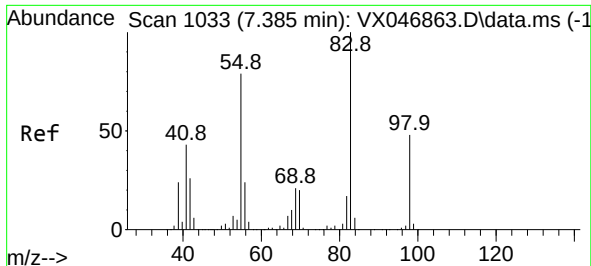
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#38
Carbon Tetrachloride
Concen: 19.069 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:117 Resp: 97550
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8
121 31.6 24.1 36.1





#39

Methylcyclohexane

Concen: 16.660 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047007.D

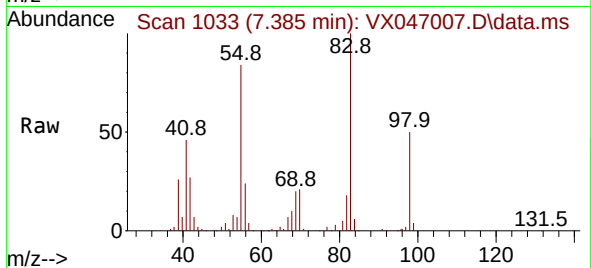
Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01



Tgt Ion: 83 Resp: 10084

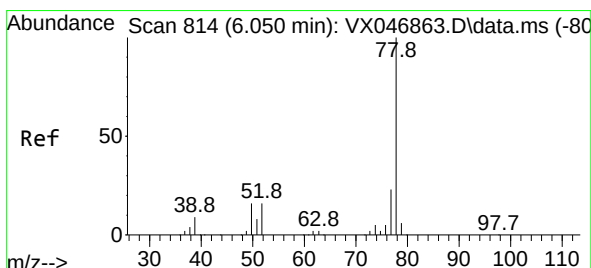
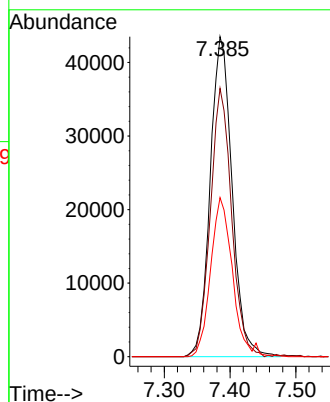
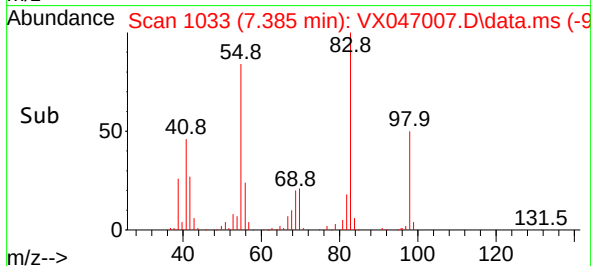
Ion	Ratio	Lower	Upper
83	100		
55	83.8	63.0	94.4
98	49.7	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#40

Benzene

Concen: 19.103 ug/l

RT: 6.043 min Scan# 813

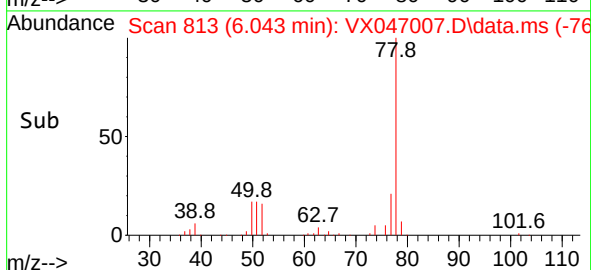
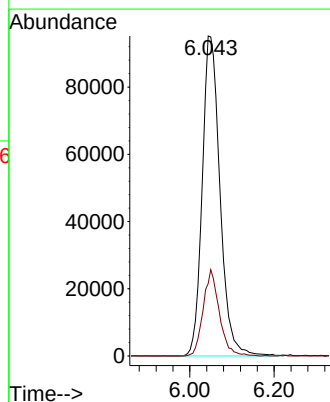
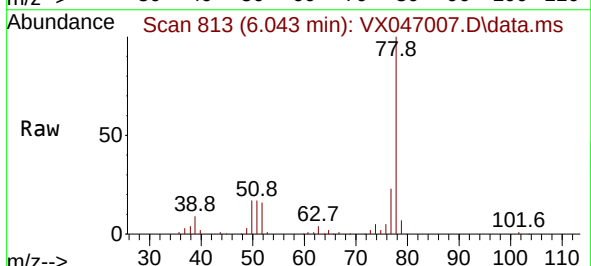
Delta R.T. -0.006 min

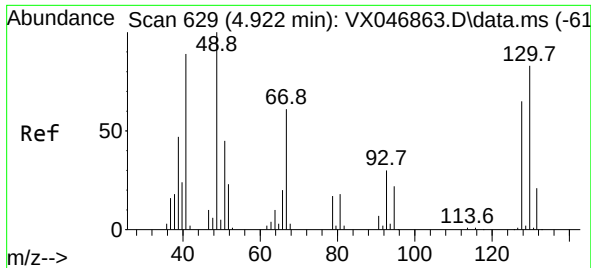
Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Tgt Ion: 78 Resp: 279584

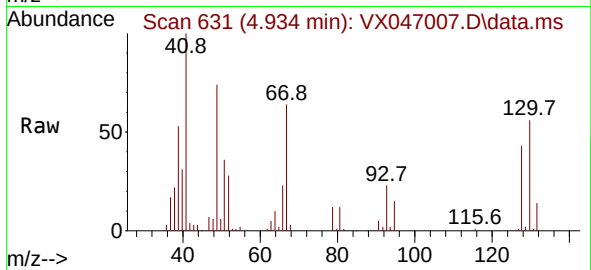
Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1





#41
Methacrylonitrile
Concen: 24.914 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

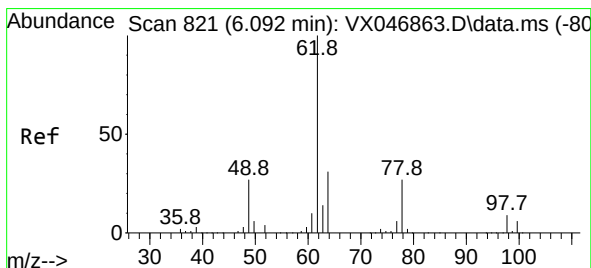
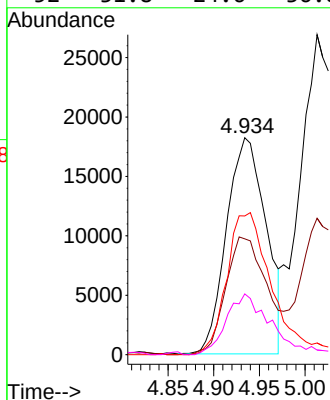
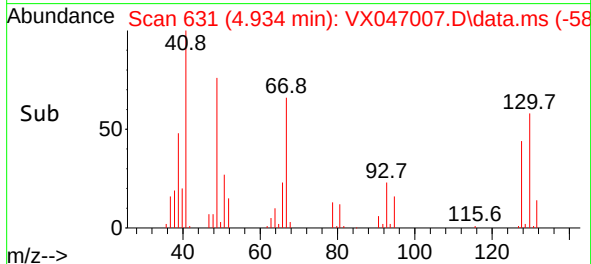
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 41 Resp: 54774
Ion Ratio Lower Upper
41 100
39 57.6 43.0 64.4
67 74.8 60.2 90.2
52 31.8 24.6 36.8

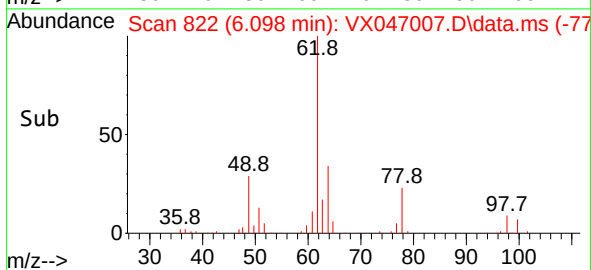
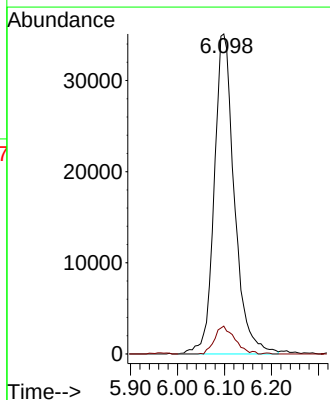
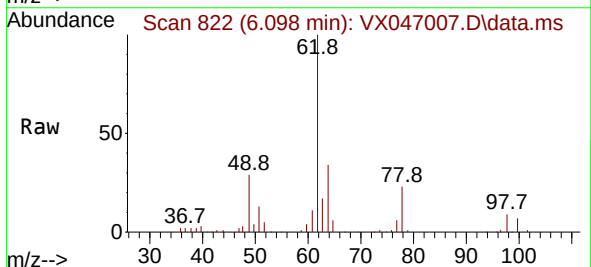
Manual Integrations
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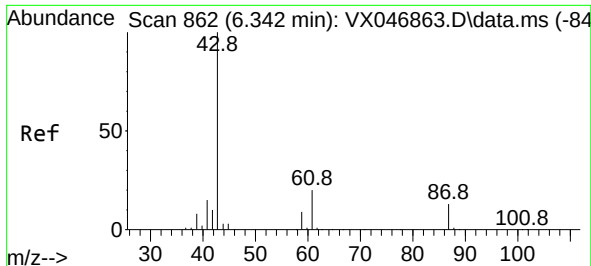
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#42
1,2-Dichloroethane
Concen: 21.089 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

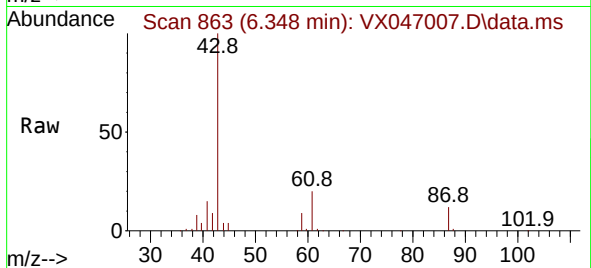
Tgt Ion: 62 Resp: 104810
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 25.679 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

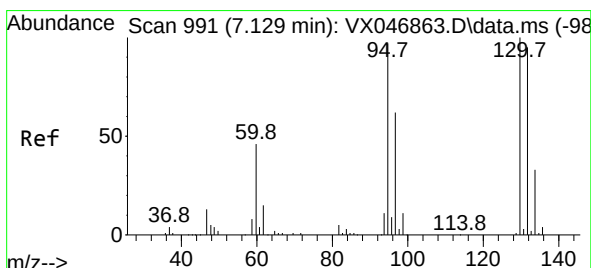
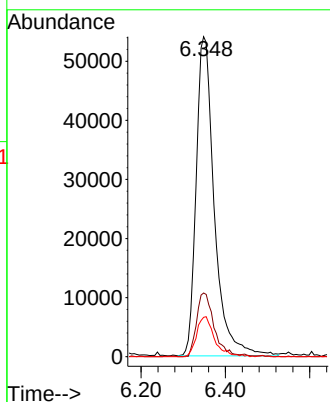
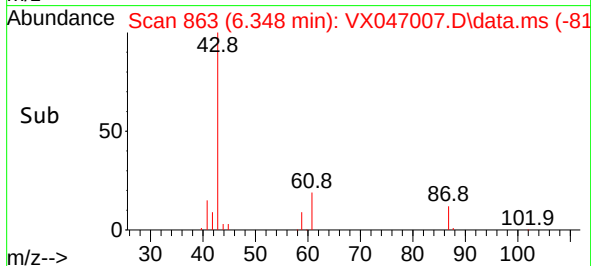
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 43 Resp: 162099
Ion Ratio Lower Upper
43 100
61 19.1 15.7 23.5
87 12.3 10.1 15.1

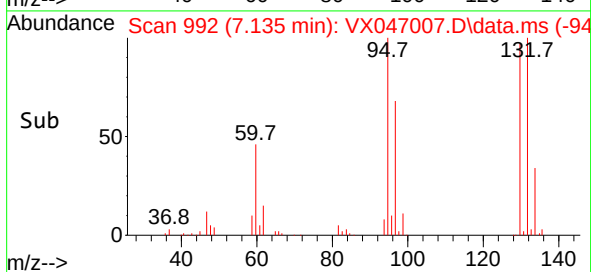
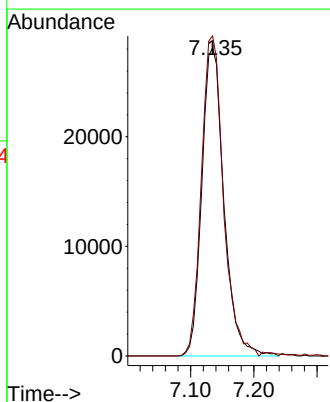
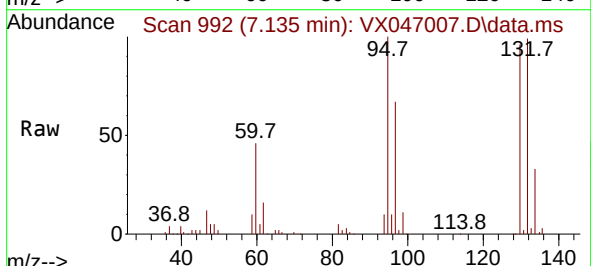
Manual Integrations
APPROVED

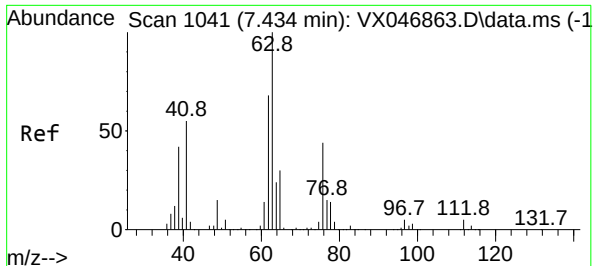
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#44
Trichloroethene
Concen: 17.968 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:130 Resp: 68457
Ion Ratio Lower Upper
130 100
95 103.8 0.0 194.2





#45

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 63 Resp: 73300

Ion Ratio Lower Upper

63 100

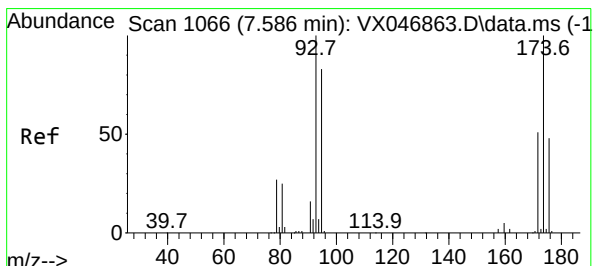
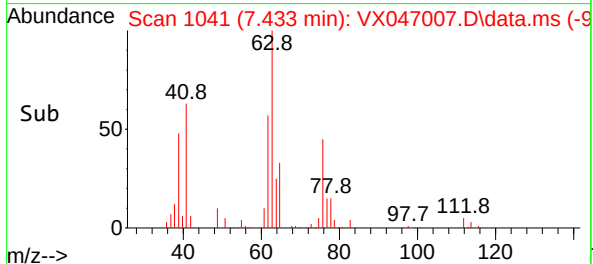
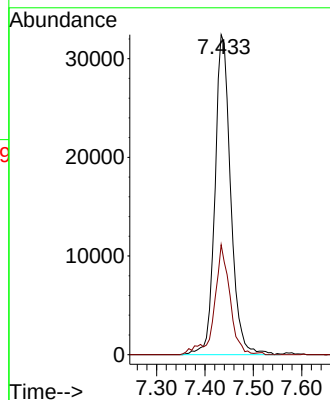
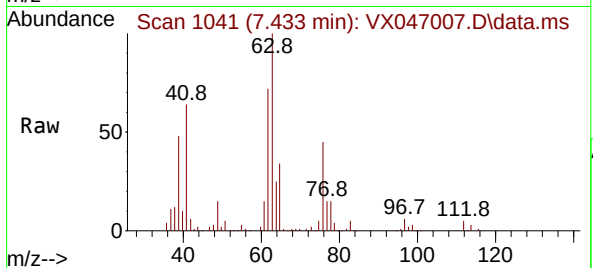
65 34.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#46

Dibromomethane

Concen: 20.761 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

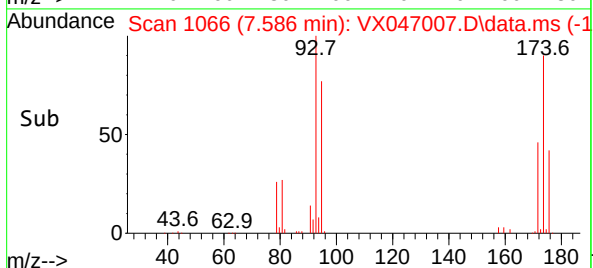
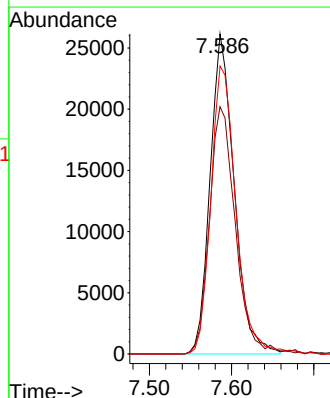
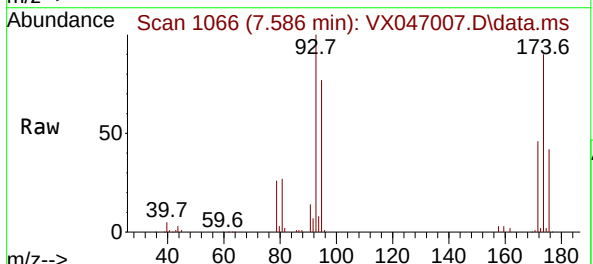
Tgt Ion: 93 Resp: 53191

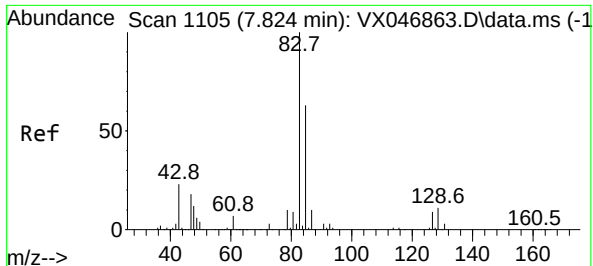
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

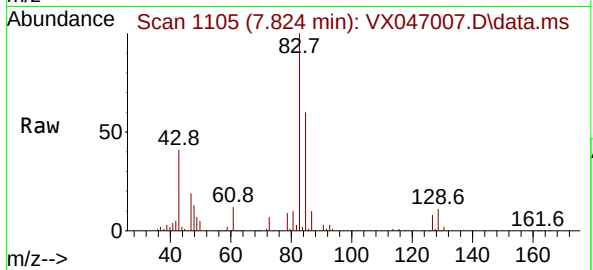
174 93.9 77.4 116.2





#47
Bromodichloromethane
Concen: 20.366 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

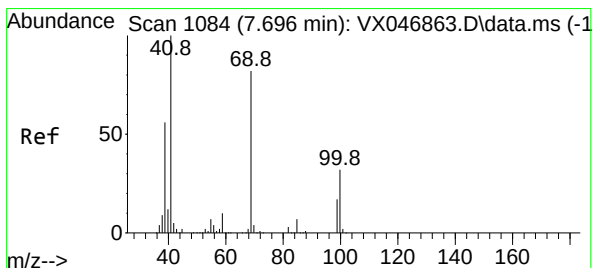
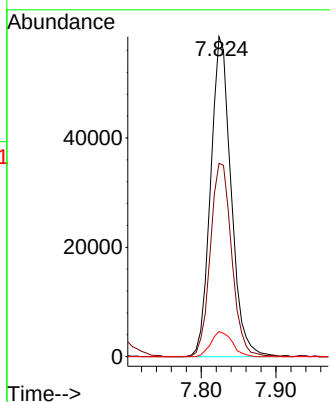
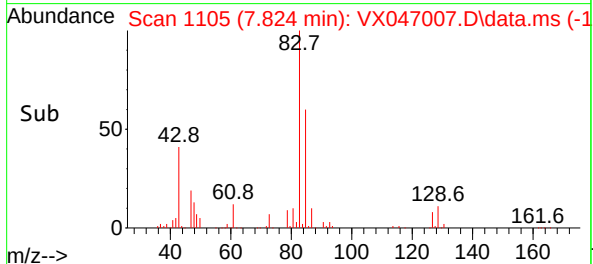
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 83 Resp: 111412
Ion Ratio Lower Upper
83 100
85 60.4 50.2 75.4
127 7.8 7.1 10.7

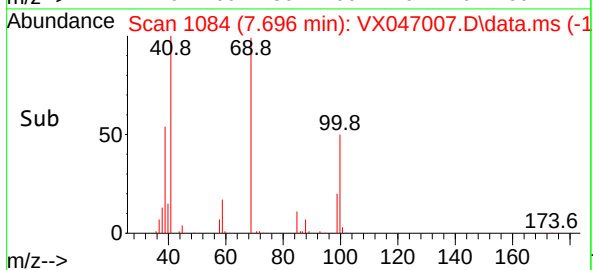
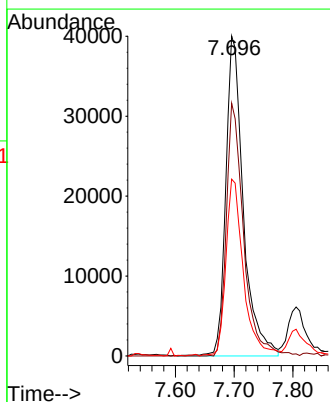
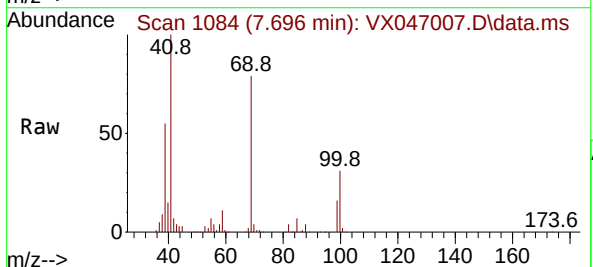
Manual Integrations
APPROVED

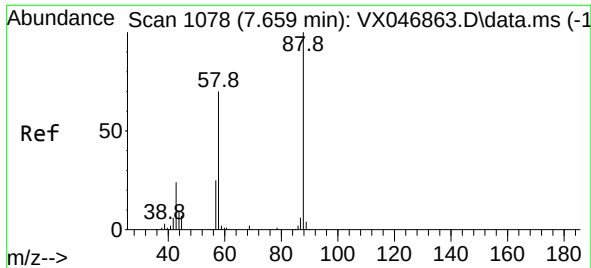
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#48
Methyl methacrylate
Concen: 25.492 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

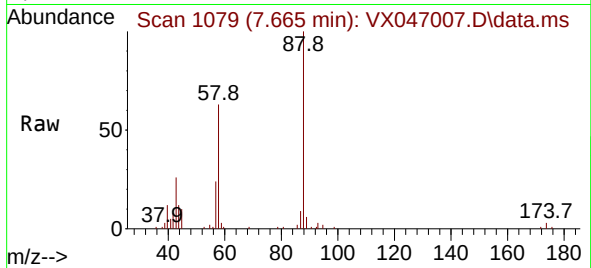
Tgt Ion: 41 Resp: 83091
Ion Ratio Lower Upper
41 100
69 77.5 65.8 98.8
39 55.4 43.8 65.6





#49
1,4-Dioxane
Concen: 578.886 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

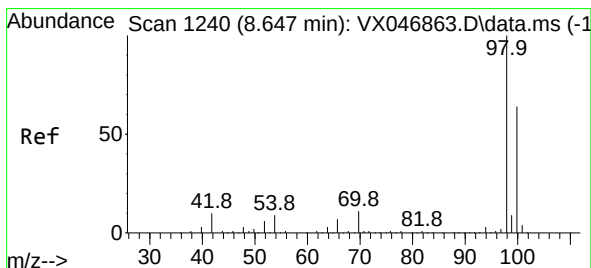
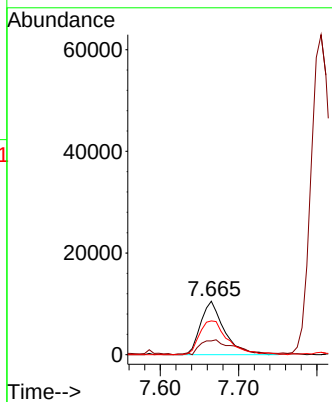
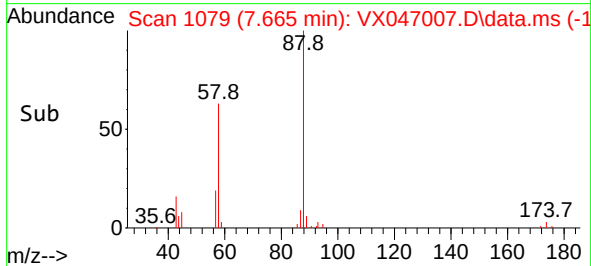
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 88 Resp: 2186
Ion Ratio Lower Upper
88 100
43 42.7 31.7 47.5
58 75.8 57.5 86.3

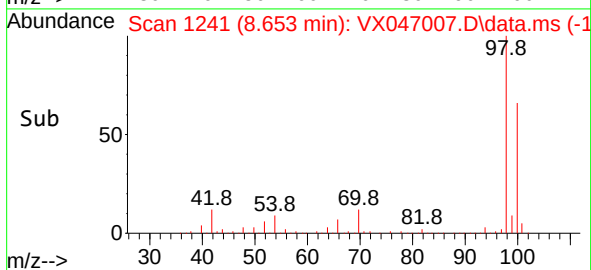
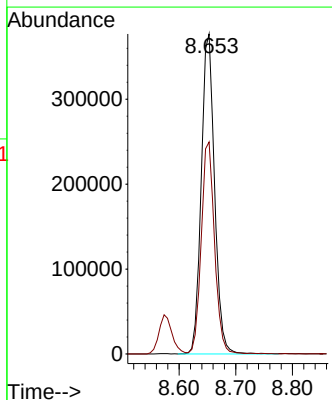
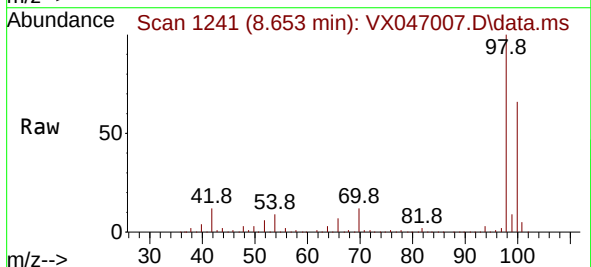
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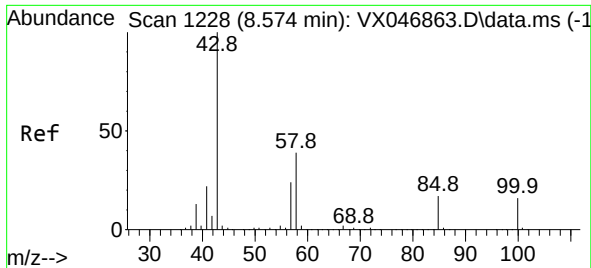
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#50
Toluene-d8
Concen: 48.505 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 98 Resp: 613762
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6





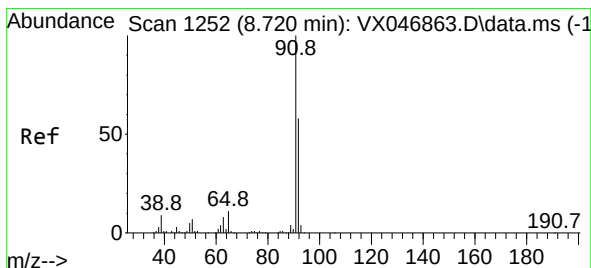
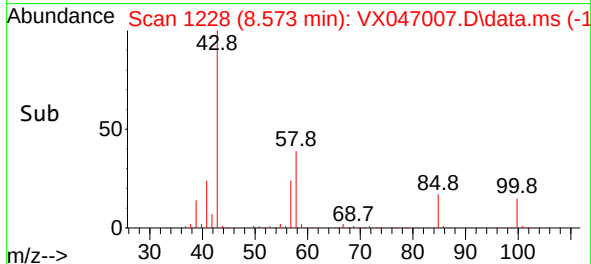
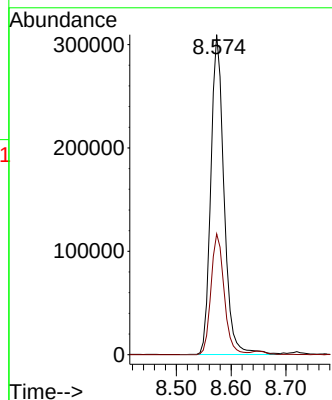
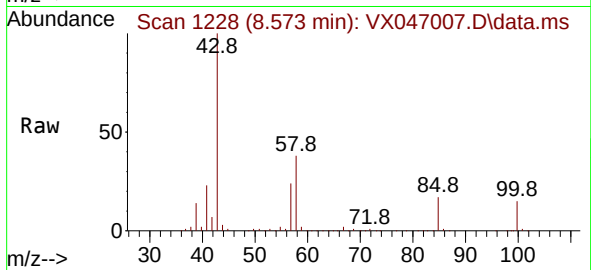
#51
4-Methyl-2-Pentanone
Concen: 138.592 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 43 Resp: 51632
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

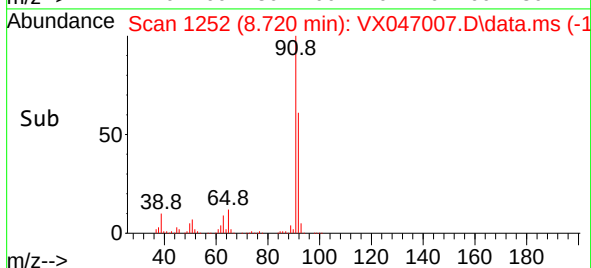
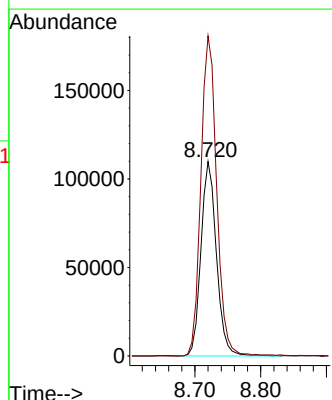
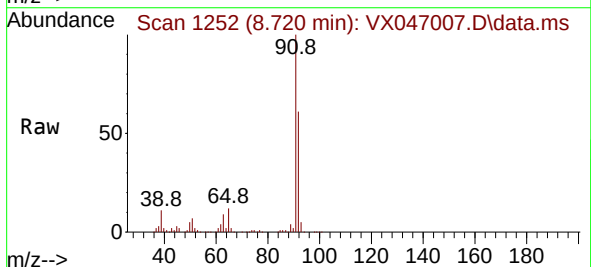
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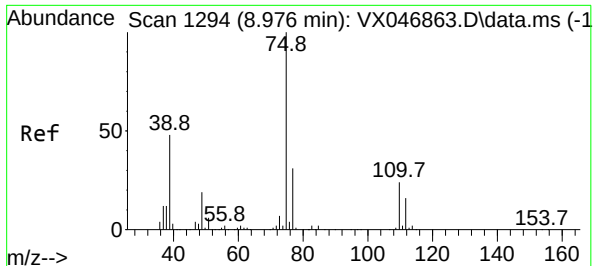
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#52
Toluene
Concen: 19.797 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion: 92 Resp: 179542
Ion Ratio Lower Upper
92 100
91 168.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.947 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 75 Resp: 97384

Ion Ratio Lower Upper

75 100

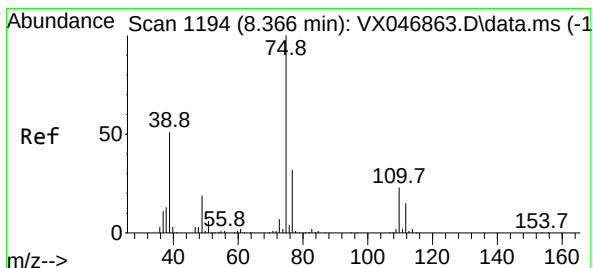
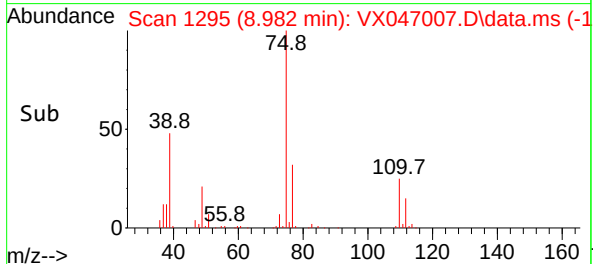
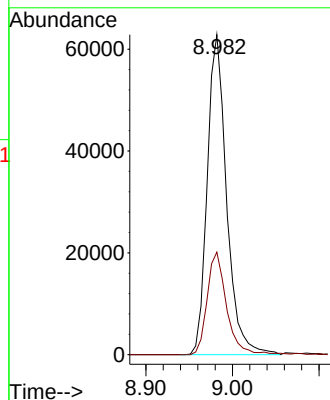
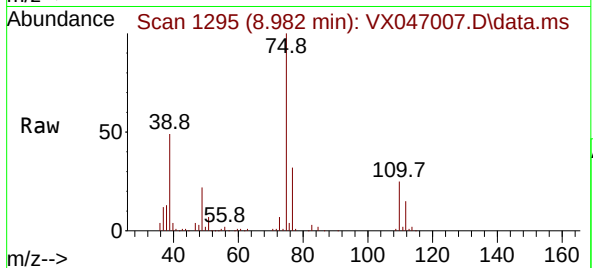
77 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#54

cis-1,3-Dichloropropene

Concen: 19.739 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

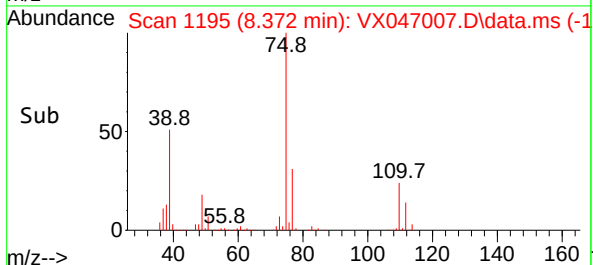
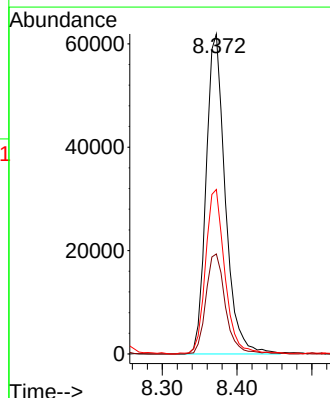
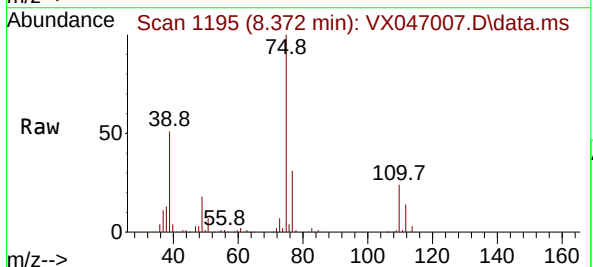
Tgt Ion: 75 Resp: 109998

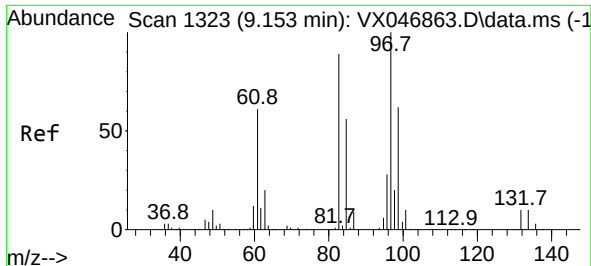
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

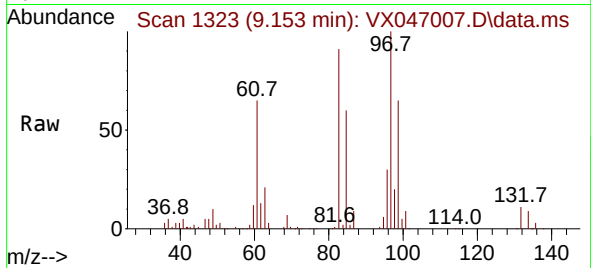
39 49.6 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 21.447 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

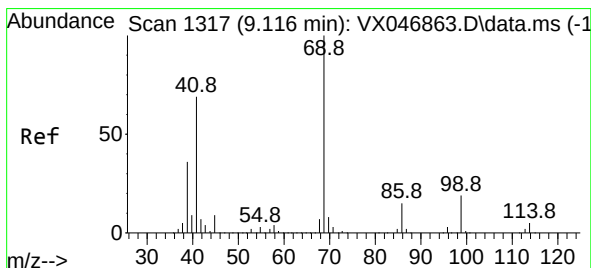
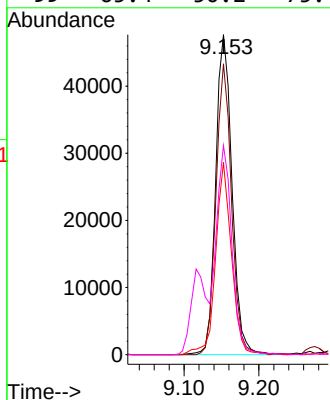
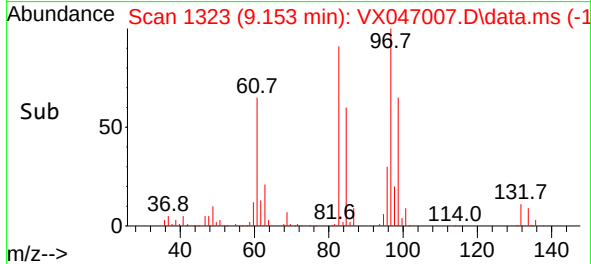
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



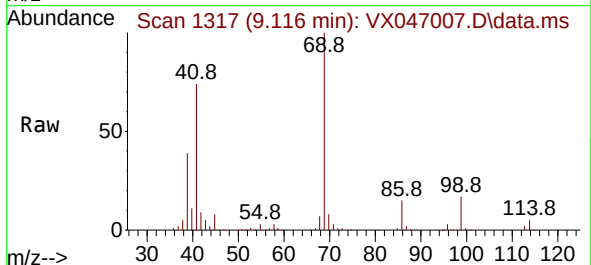
Tgt Ion: 97 Resp: 72450
Ion Ratio Lower Upper
97 100
83 90.9 70.9 106.3
85 59.9 44.6 67.0
99 65.4 50.2 75.4

Manual Integrations
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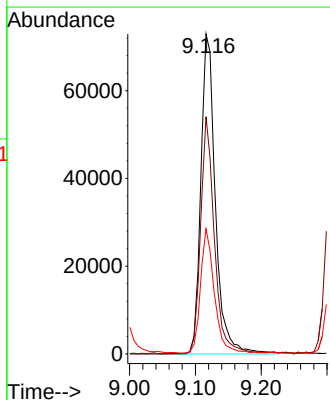
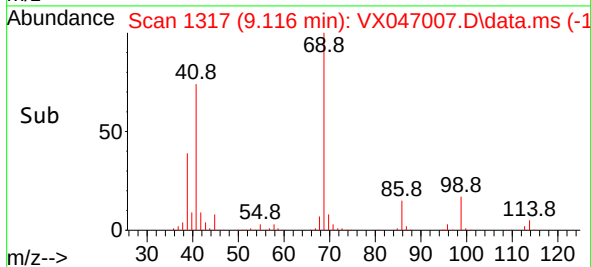
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

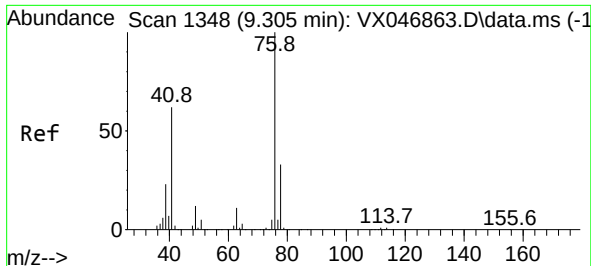


#56
Ethyl methacrylate
Concen: 24.029 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



Tgt Ion: 69 Resp: 112348
Ion Ratio Lower Upper
69 100
41 69.8 54.6 82.0
39 37.0 28.7 43.1





#57

1,3-Dichloropropane

Concen: 21.210 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 76 Resp: 123372

Ion Ratio Lower Upper

76 100

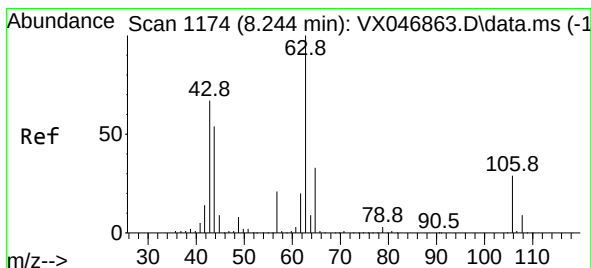
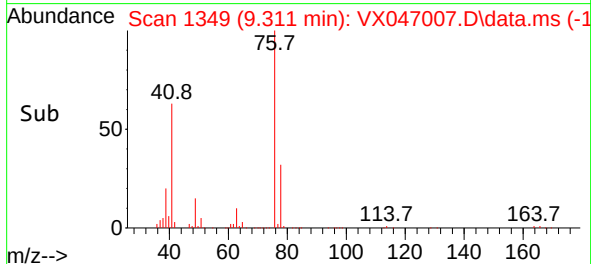
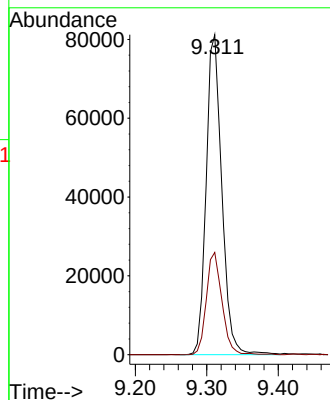
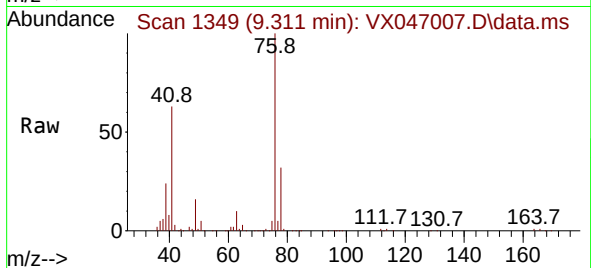
78 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.410 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047007.D

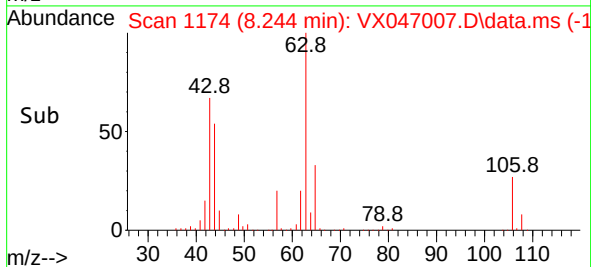
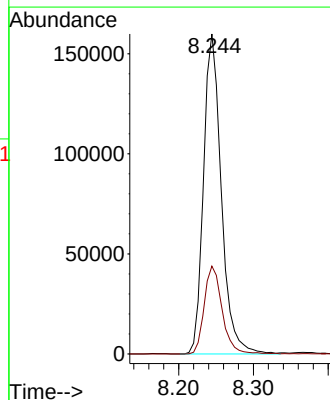
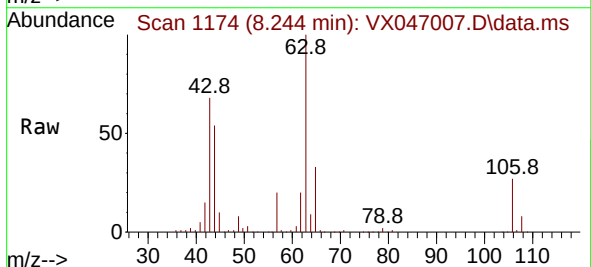
Acq: 15 Jul 2025 17:06

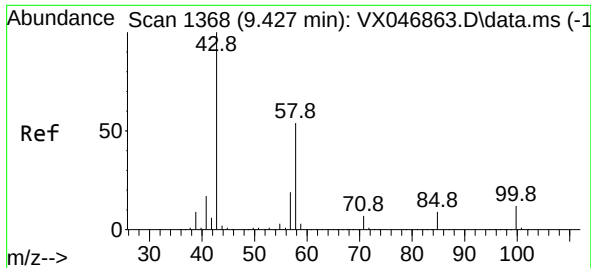
Tgt Ion: 63 Resp: 264524

Ion Ratio Lower Upper

63 100

106 27.7 22.6 33.8





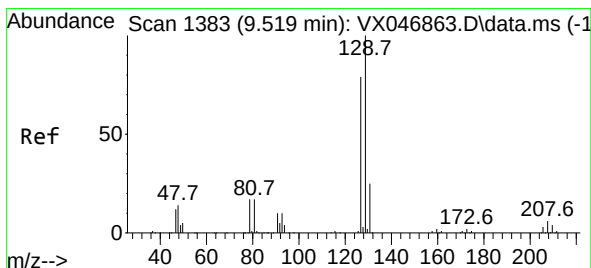
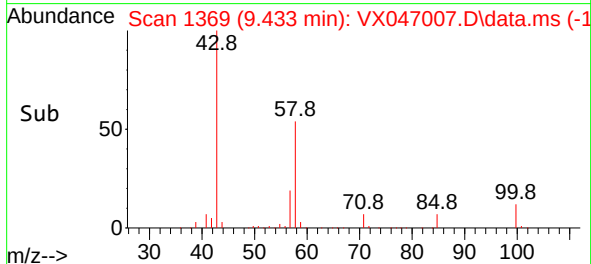
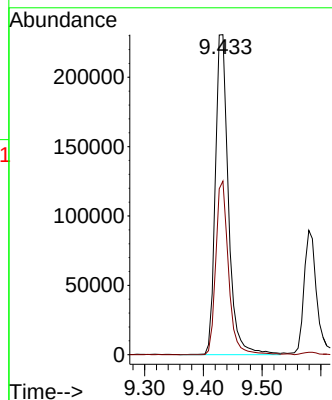
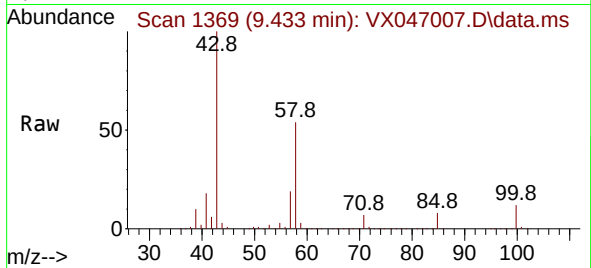
#59
2-Hexanone
Concen: 144.733 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 43 Resp: 357652
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3

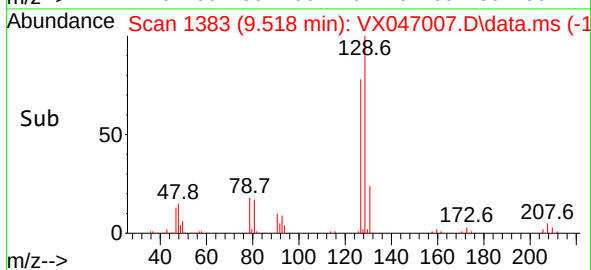
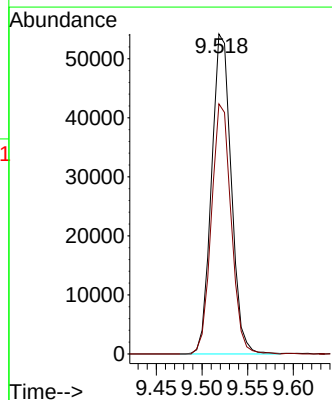
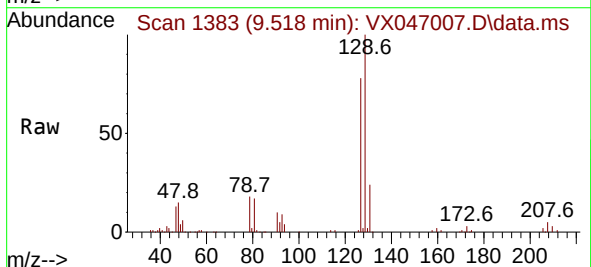
Manual Integrations
APPROVED

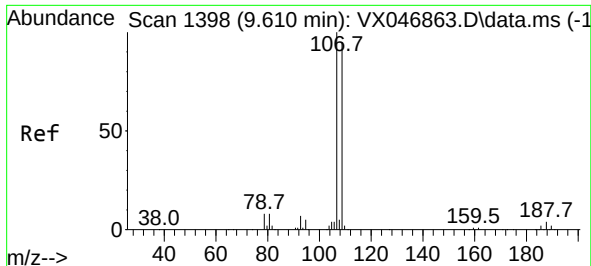
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#60
Dibromochloromethane
Concen: 20.067 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:129 Resp: 81124
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.5





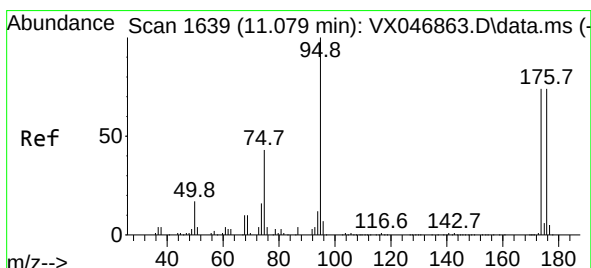
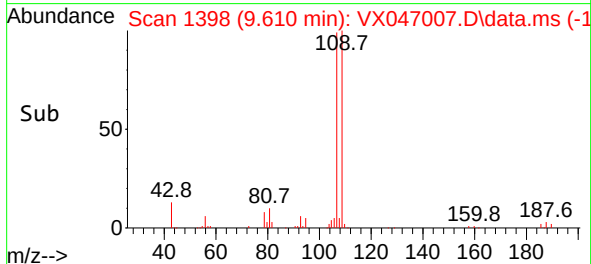
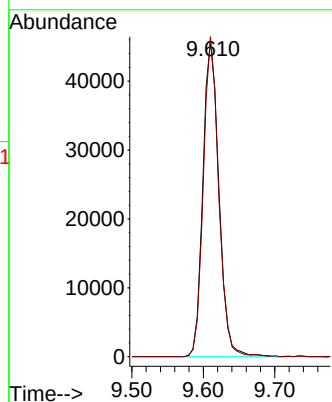
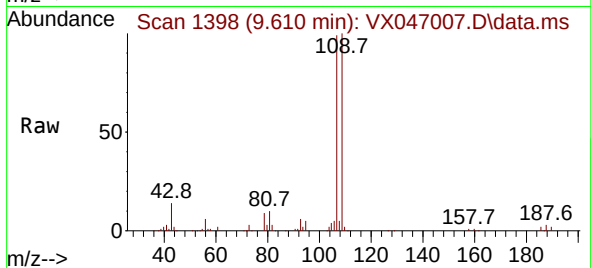
#61
1,2-Dibromoethane
Concen: 20.958 ug/l
RT: 9.610 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion:107 Resp: 71104
Ion Ratio Lower Upper
107 100
109 97.7 75.4 113.2

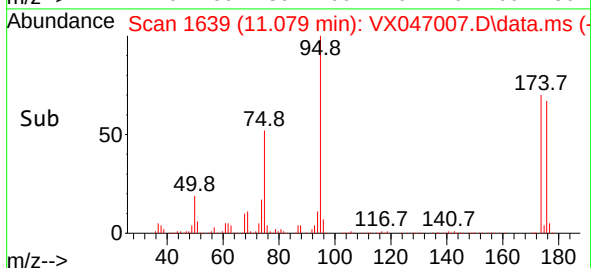
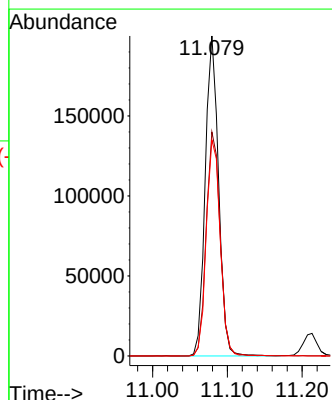
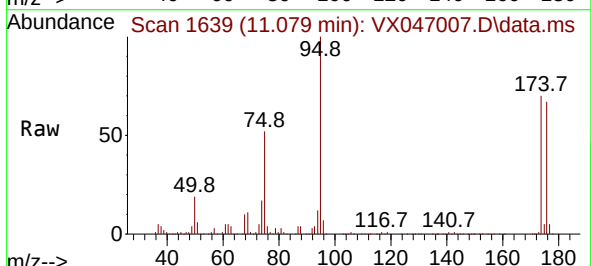
Manual Integrations
APPROVED

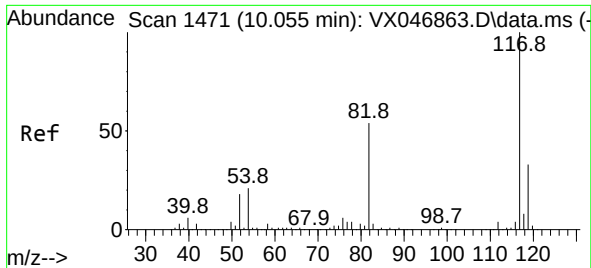
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

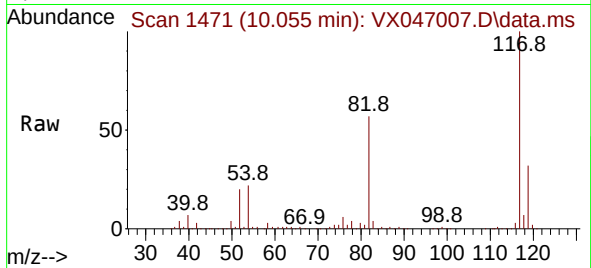
Tgt Ion: 95 Resp: 247726
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.0
176 70.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

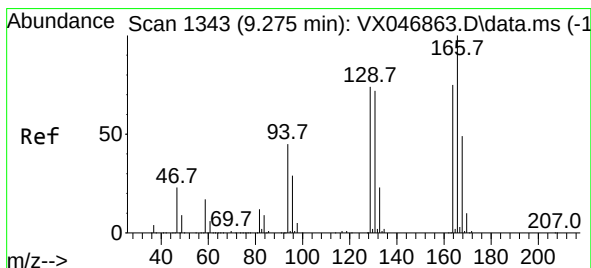
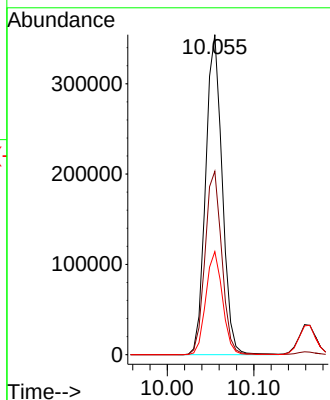
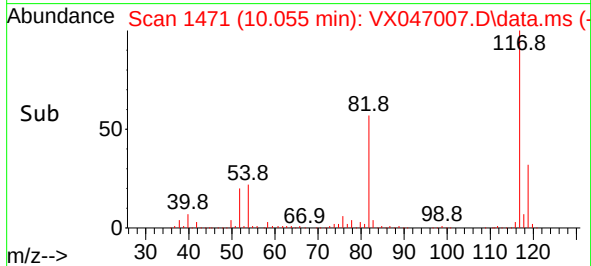
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion:117 Resp: 471044
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 32.2 26.4 39.6

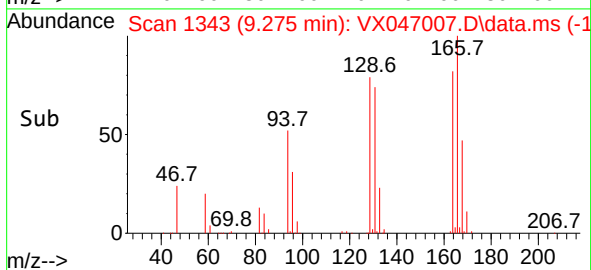
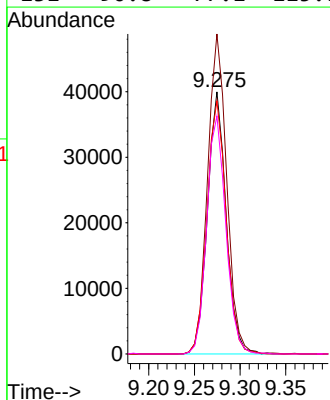
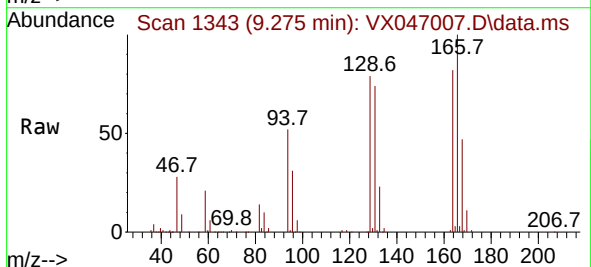
Manual Integrations
APPROVED

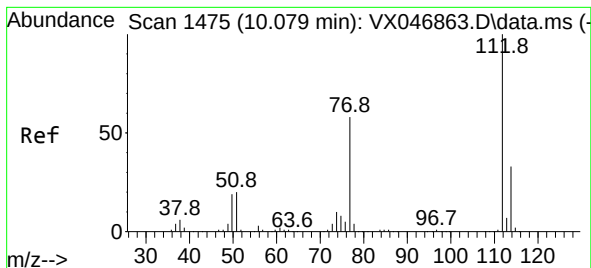
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#64
Tetrachloroethene
Concen: 18.097 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

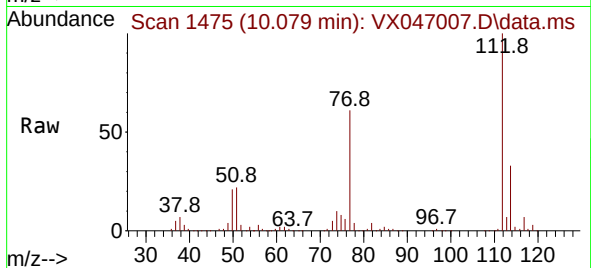
Tgt Ion:164 Resp: 56757
Ion Ratio Lower Upper
164 100
166 122.1 107.0 160.6
129 96.5 79.7 119.5
131 90.8 77.1 115.7





#65
Chlorobenzene
Concen: 19.589 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

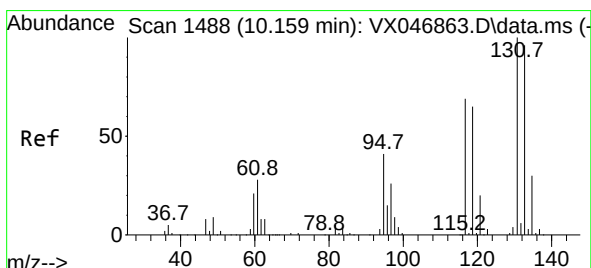
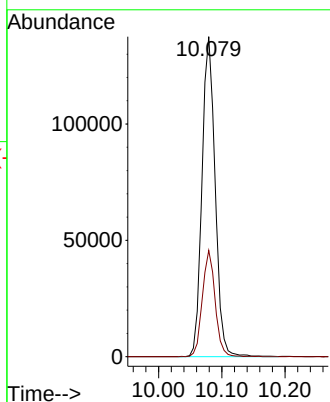
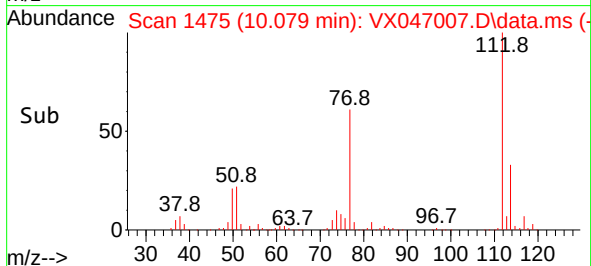
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



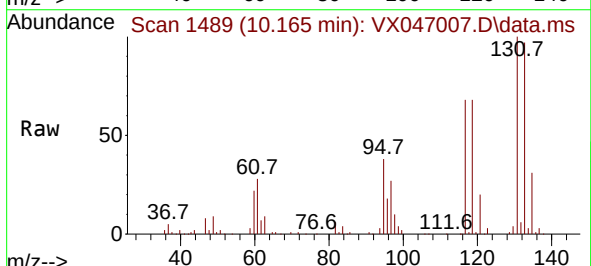
Tgt Ion:112 Resp: 19950
Ion Ratio Lower Upper
112 100
114 33.2 26.3 39.5

Manual Integrations
APPROVED

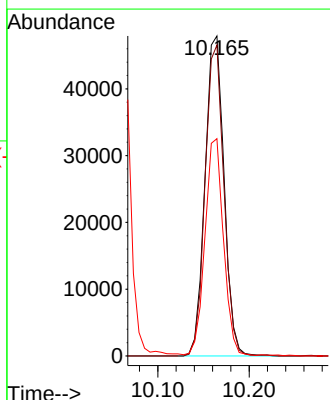
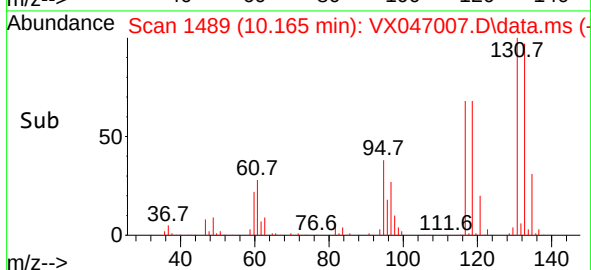
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

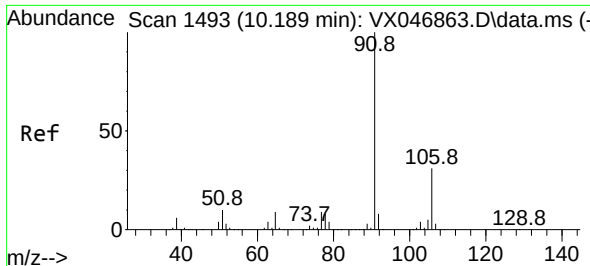


#66
1,1,1,2-Tetrachloroethane
Concen: 20.253 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



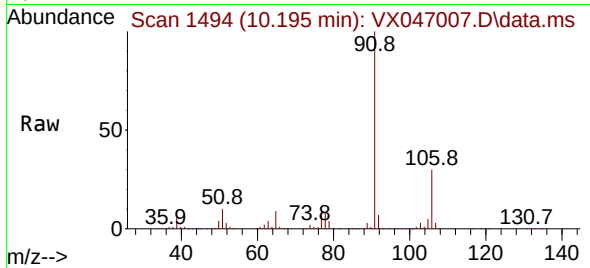
Tgt Ion:131 Resp: 69339
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 65.8 32.4 97.2





#67
Ethyl Benzene
Concen: 19.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

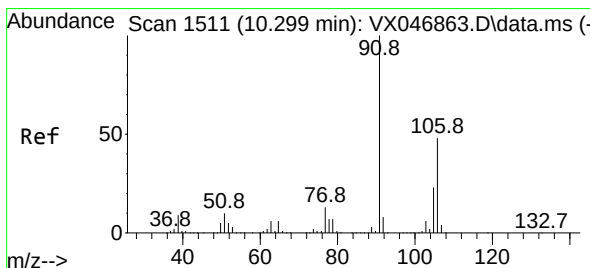
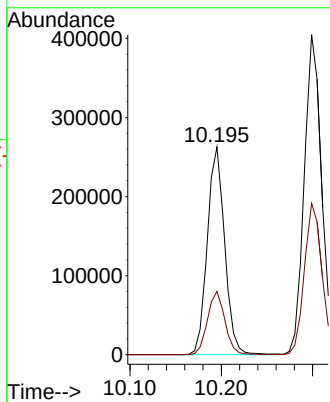
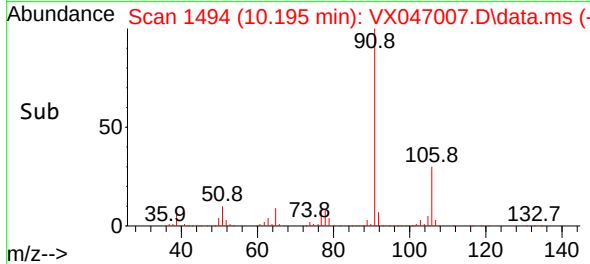
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 91 Resp: 34607
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

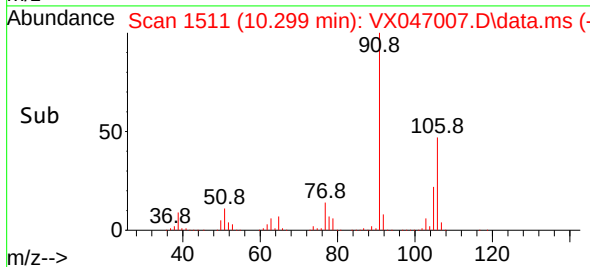
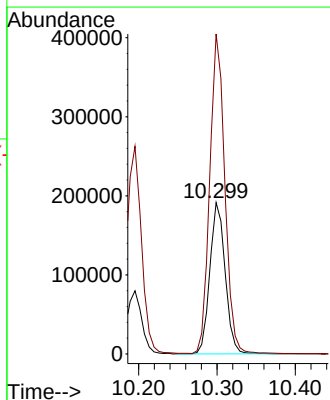
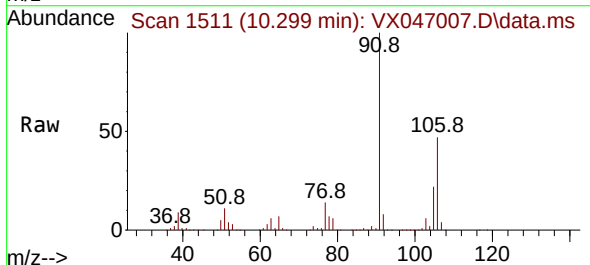
Manual Integrations
APPROVED

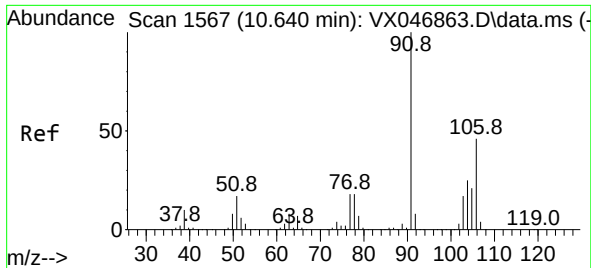
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#68
m/p-Xylenes
Concen: 39.373 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:106 Resp: 258759
Ion Ratio Lower Upper
106 100
91 209.9 164.6 246.8





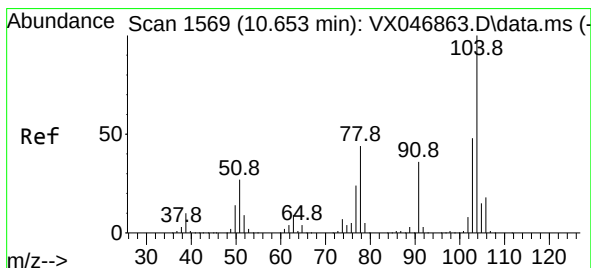
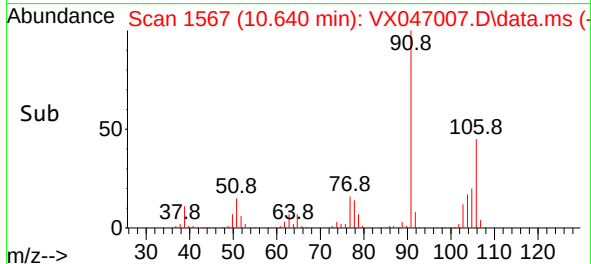
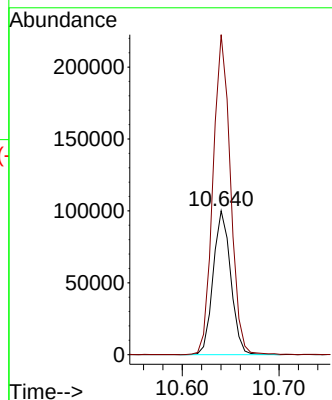
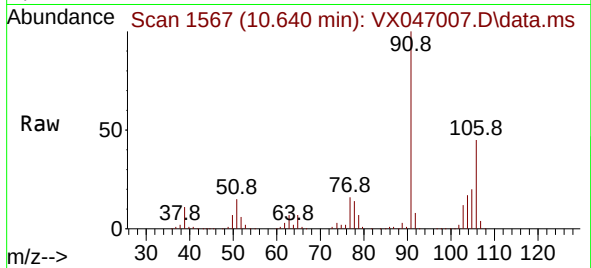
#69
o-Xylene
Concen: 19.887 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion:106 Resp: 12624
Ion Ratio Lower Upper
106 100
91 221.5 109.5 328.5

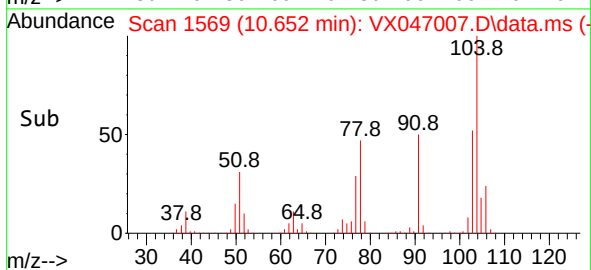
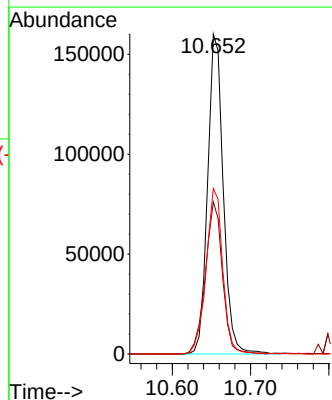
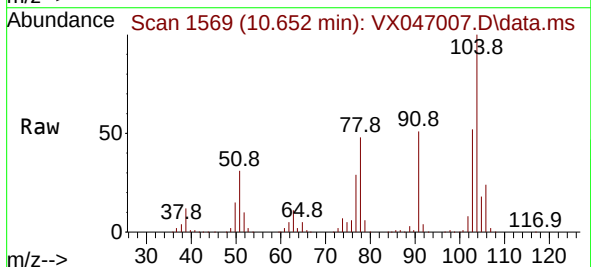
Manual Integrations
APPROVED

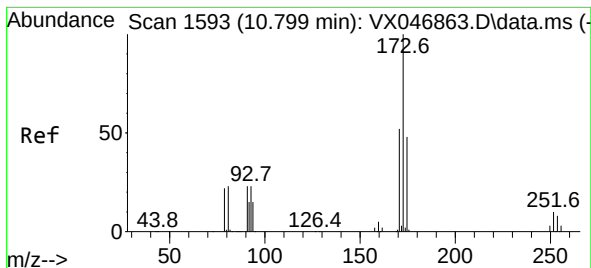
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#70
Styrene
Concen: 20.420 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

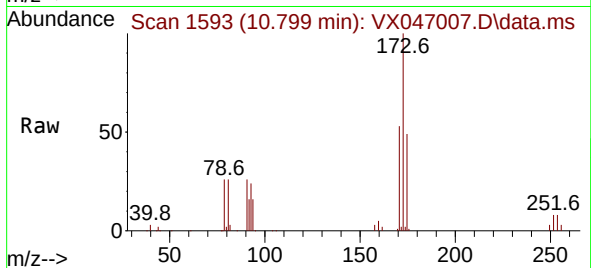
Tgt Ion:104 Resp: 221785
Ion Ratio Lower Upper
104 100
78 52.0 40.3 60.5
103 54.9 42.8 64.2





#71
Bromoform
Concen: 21.021 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

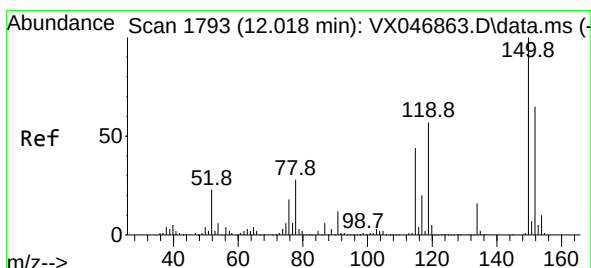
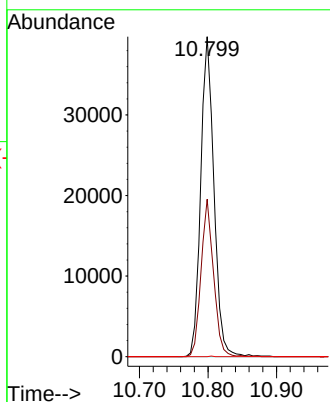
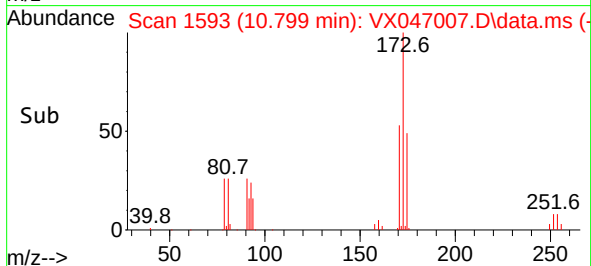
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion:173 Resp: 53510
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.5
254 0.1 0.1 0.1

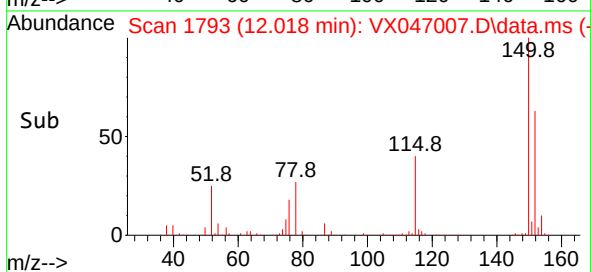
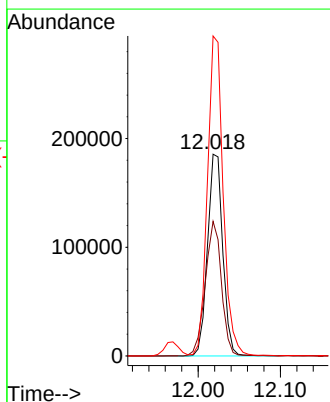
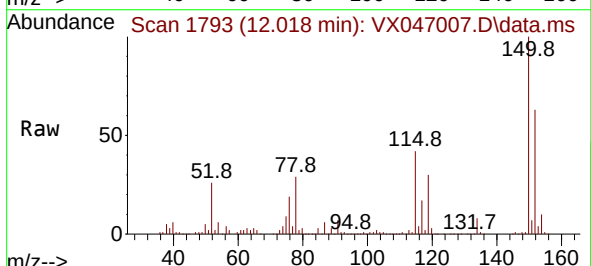
Manual Integrations
APPROVED

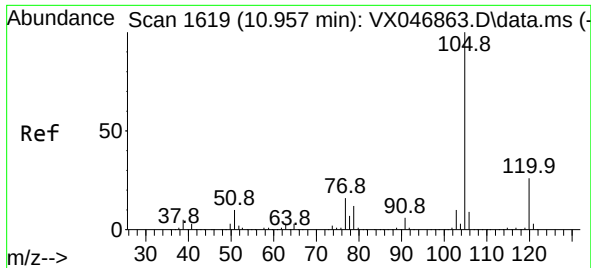
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:152 Resp: 239011
Ion Ratio Lower Upper
152 100
115 71.0 42.4 127.1
150 164.1 0.0 349.2





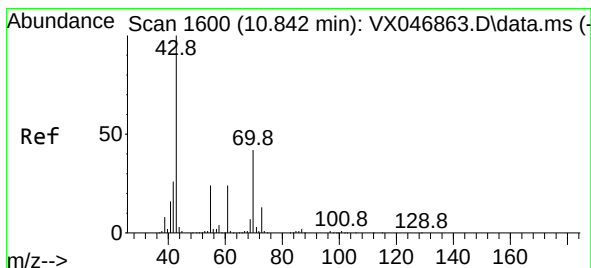
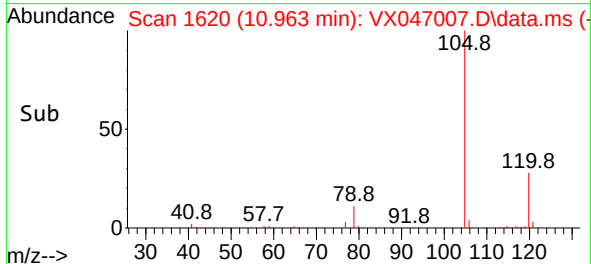
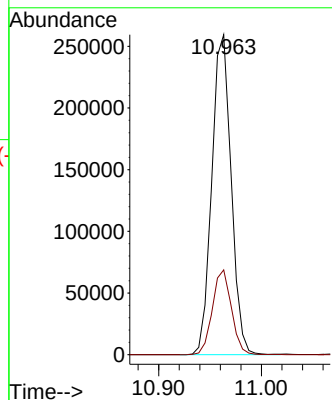
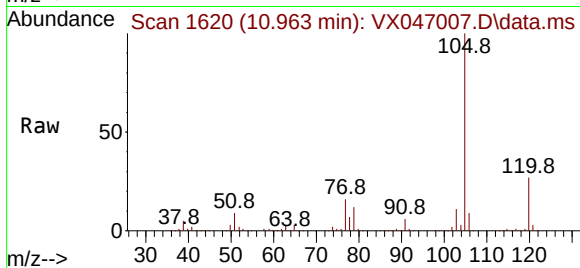
#73
Isopropylbenzene
Concen: 20.174 ug/l
RT: 10.963 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion:105 Resp: 33895
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

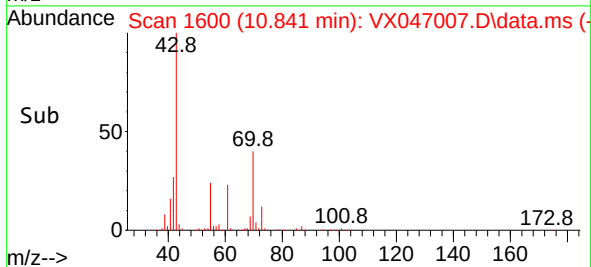
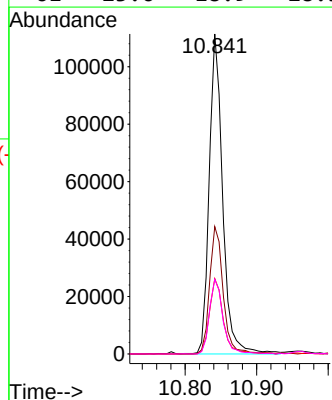
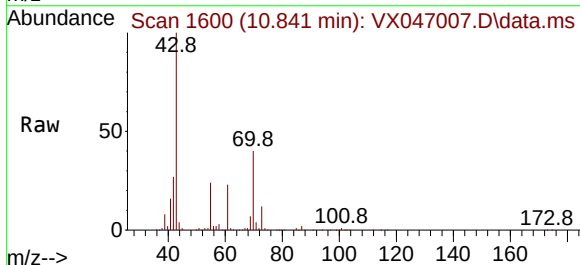
Manual Integrations
APPROVED

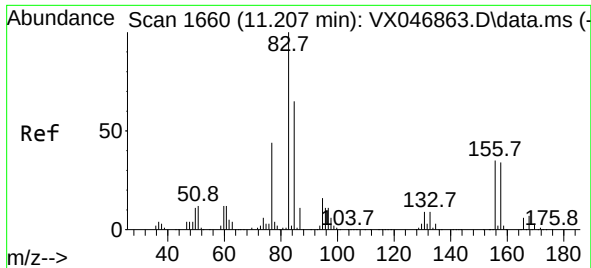
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#74
N-ethyl acetate
Concen: 25.543 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

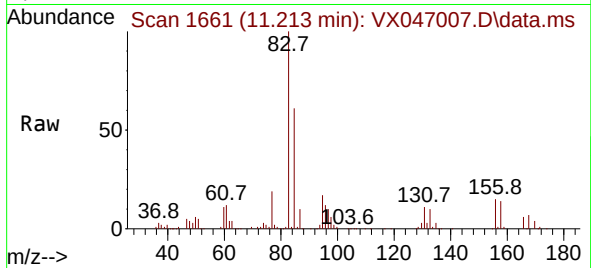
Tgt Ion: 43 Resp: 145837
Ion Ratio Lower Upper
43 100
70 40.2 33.4 50.2
55 24.3 19.6 29.4
61 23.6 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 23.576 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

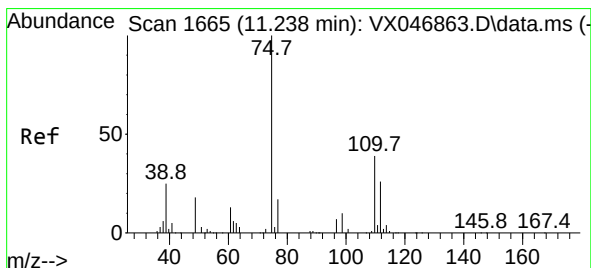
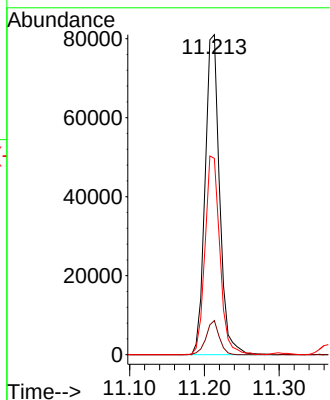
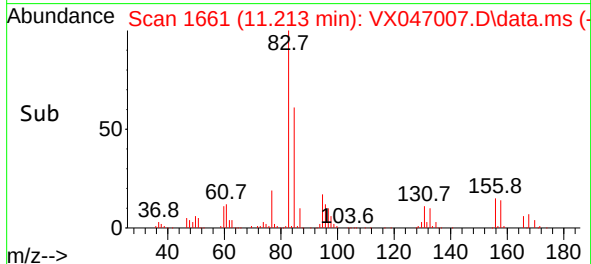
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion: 83 Resp: 10892
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.8 32.1 96.5

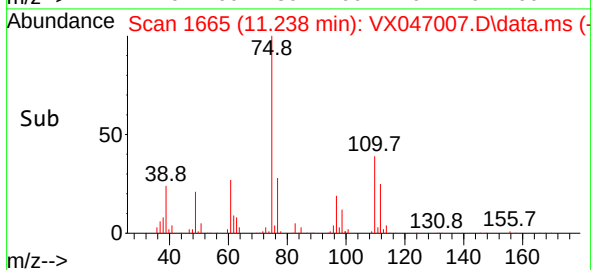
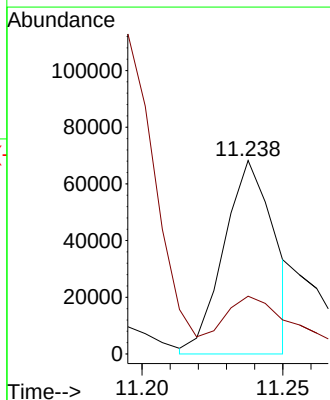
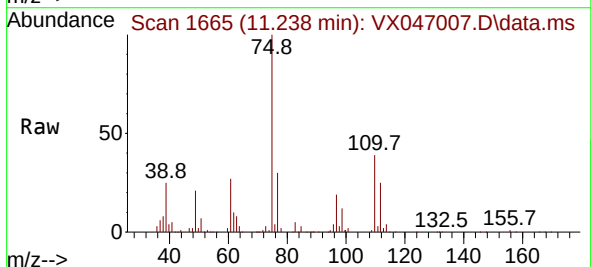
Manual Integrations
APPROVED

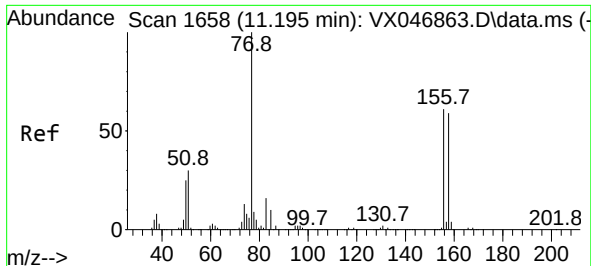
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#76
1,2,3-Trichloropropane
Concen: 23.068 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

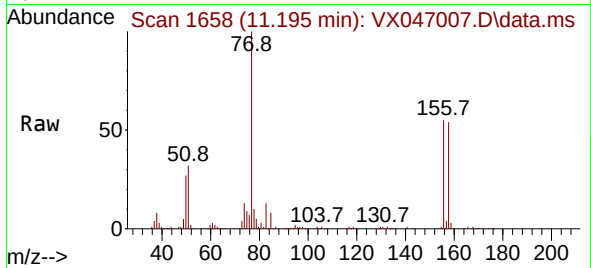
Tgt Ion: 75 Resp: 85192
Ion Ratio Lower Upper
75 100
77 42.3 20.6 61.8





#77
Bromobenzene
Concen: 19.799 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

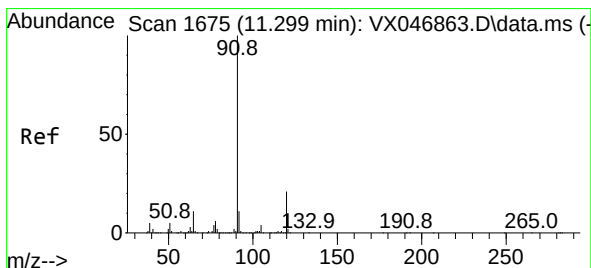
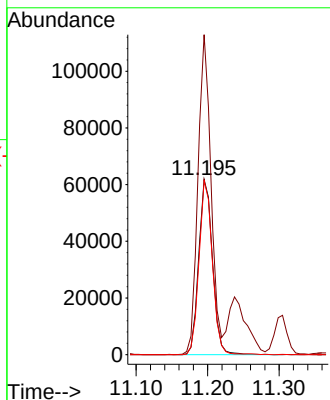
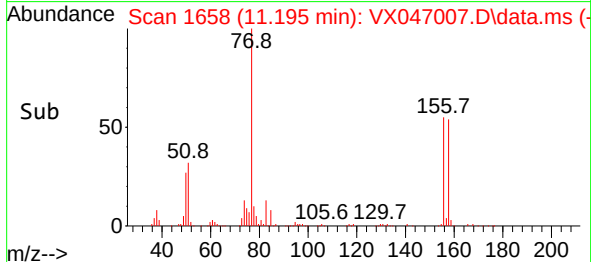
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



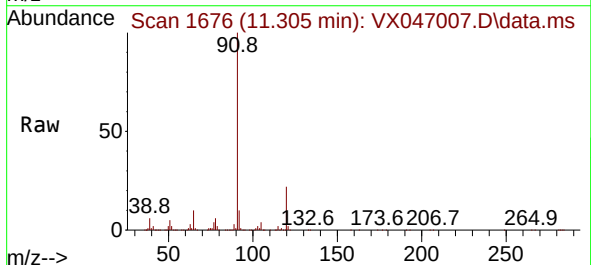
Tgt Ion:156 Resp: 82862
Ion Ratio Lower Upper
156 100
77 172.3 82.3 247.0
158 96.0 47.5 142.6

Manual Integrations
APPROVED

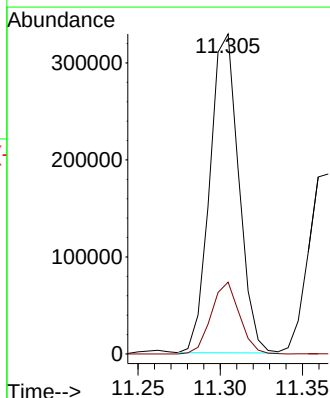
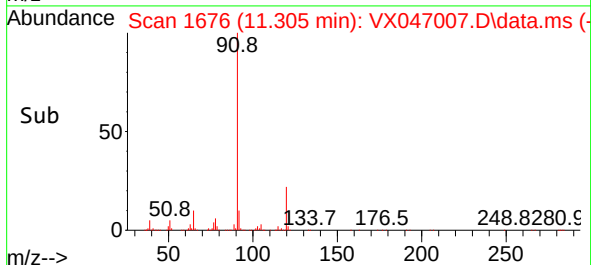
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

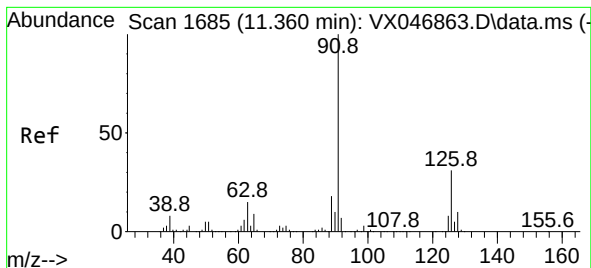


#78
n-propylbenzene
Concen: 19.910 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



Tgt Ion: 91 Resp: 403359
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.5





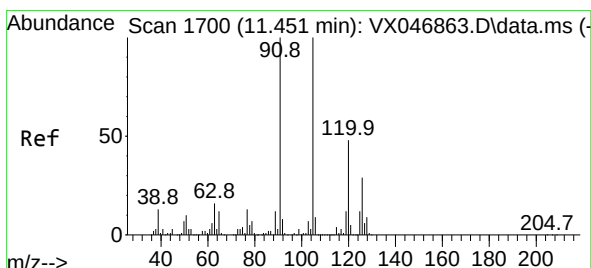
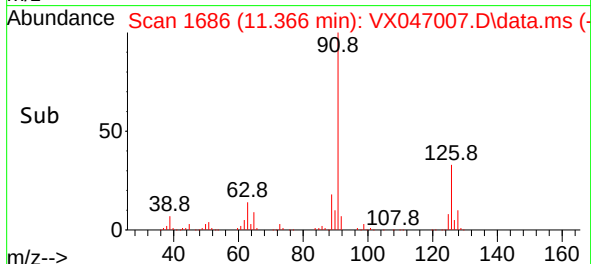
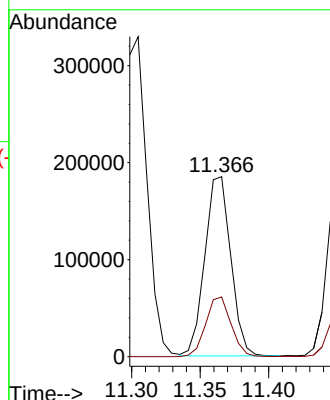
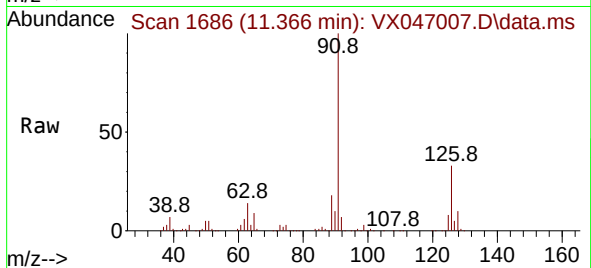
#79
2-Chlorotoluene
Concen: 20.364 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 91 Resp: 24360
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8

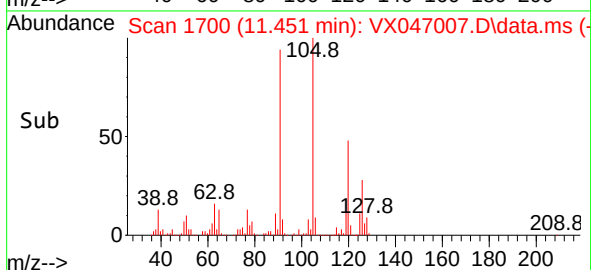
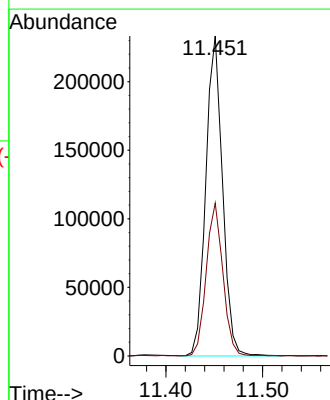
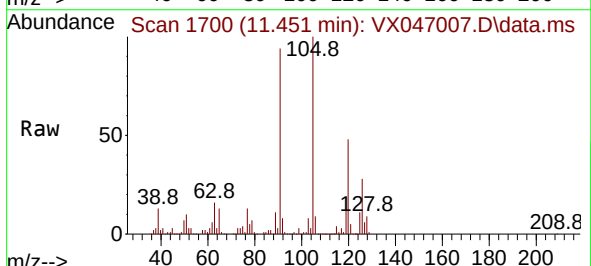
Manual Integrations
APPROVED

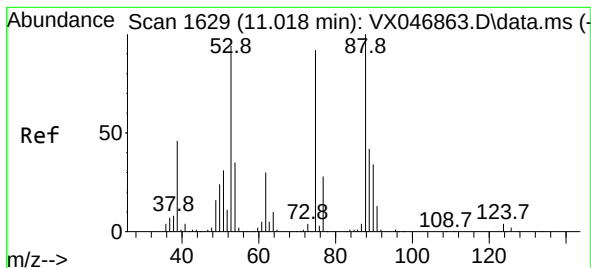
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.550 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Tgt Ion:105 Resp: 280552
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.4





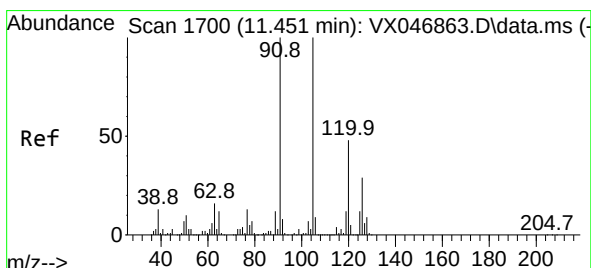
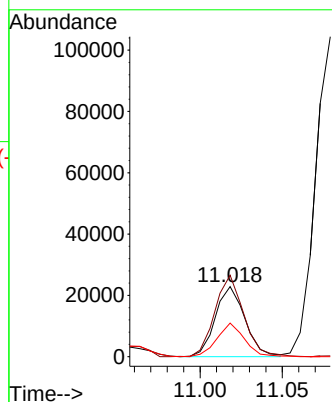
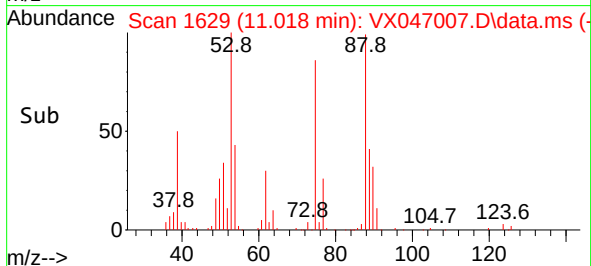
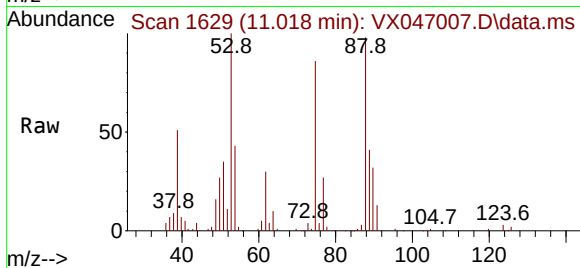
#81
trans-1,4-Dichloro-2-butene
Concen: 20.841 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
53 113.1 83.7 125.5
89 44.4 38.2 57.2

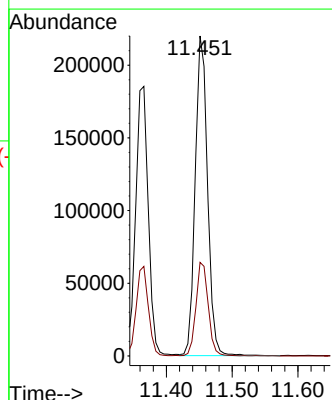
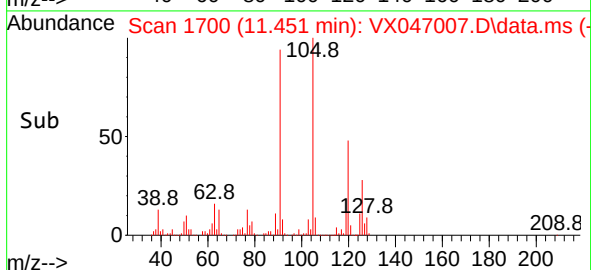
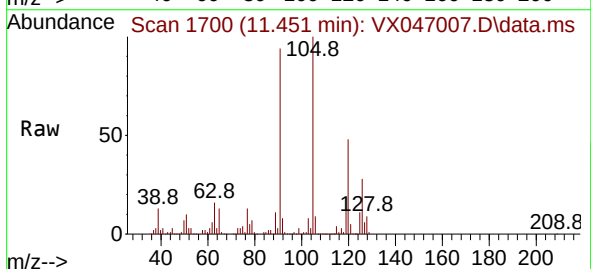
Manual Integrations
APPROVED

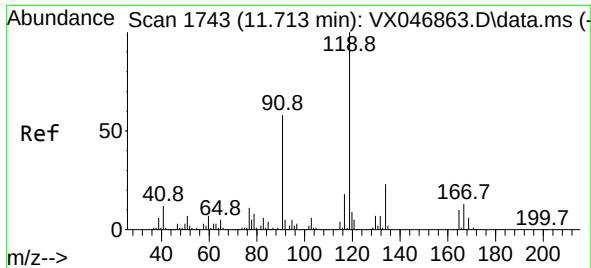
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#82
4-Chlorotoluene
Concen: 20.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

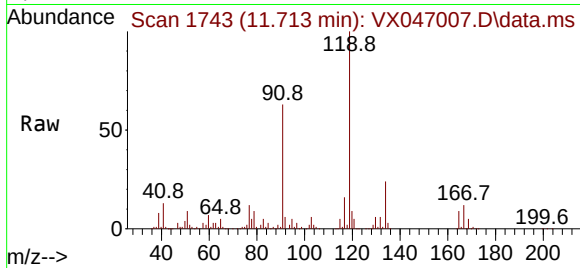
Tgt Ion: 91 Resp: 284304
Ion Ratio Lower Upper
91 100
126 29.1 14.6 44.0





#83
 tert-Butylbenzene
 Concen: 20.257 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06

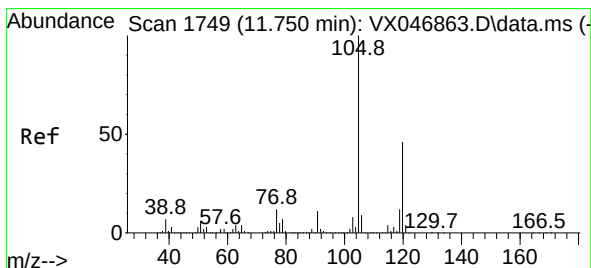
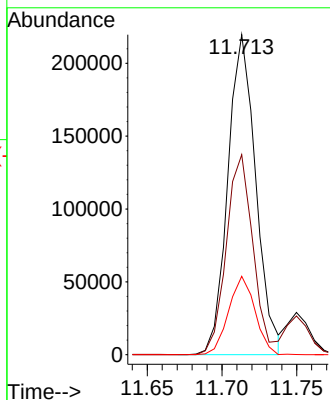
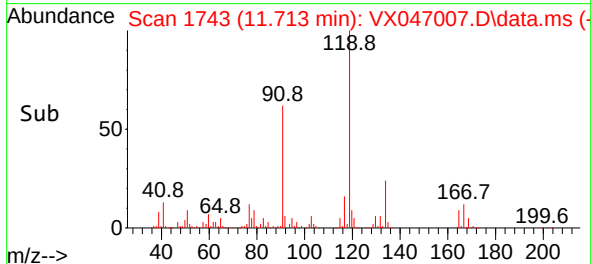
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBS01



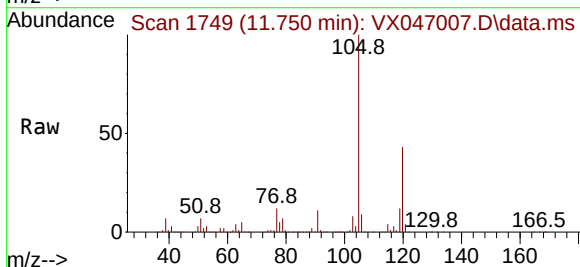
Tgt Ion:119 Resp: 285630
 Ion Ratio Lower Upper
 119 100
 91 60.0 28.7 86.3
 134 23.1 11.4 34.2

Manual Integrations
 APPROVED

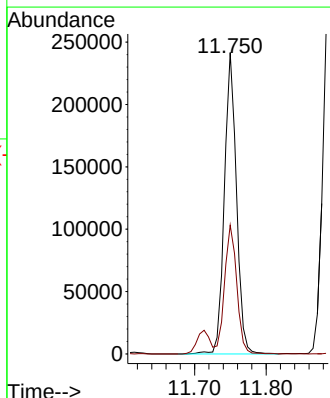
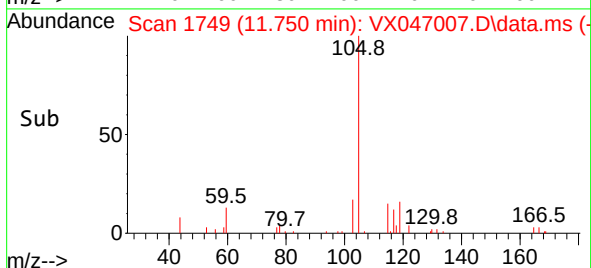
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025

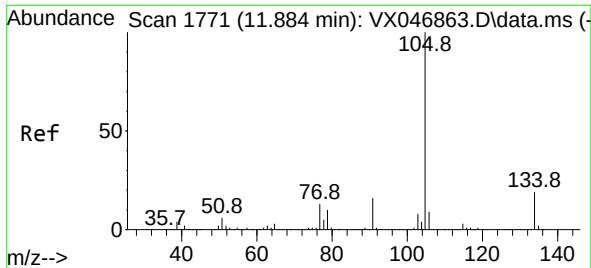


#84
 1,2,4-Trimethylbenzene
 Concen: 20.580 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06



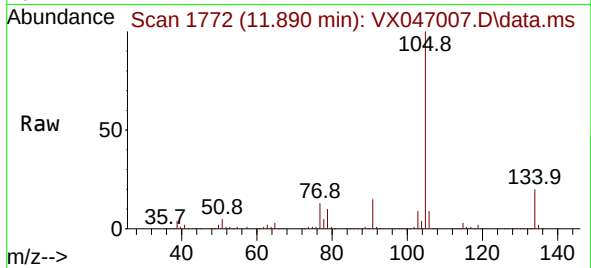
Tgt Ion:105 Resp: 283980
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.118 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06

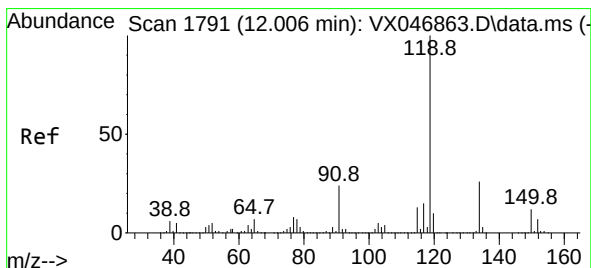
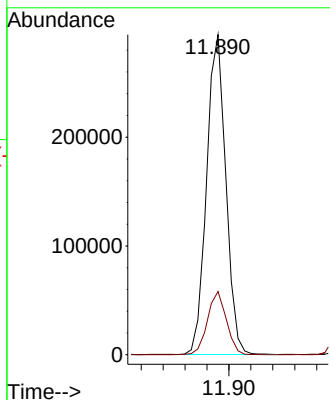
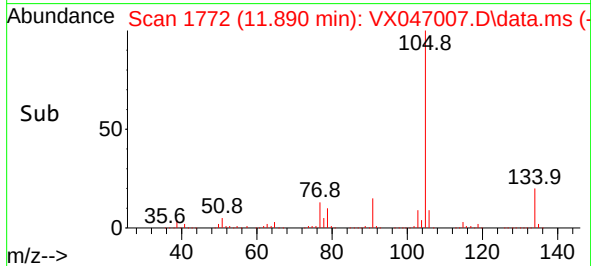
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715MBS01



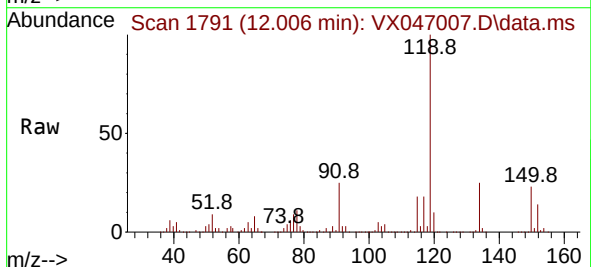
Tgt Ion:105 Resp: 357652
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations
 APPROVED

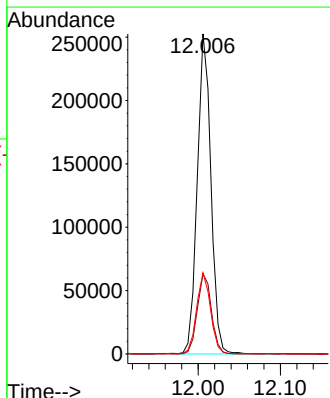
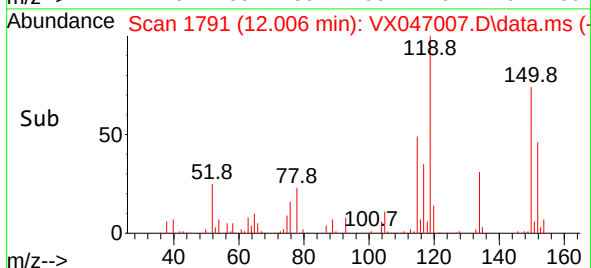
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025

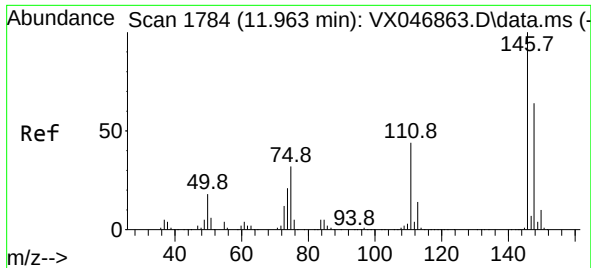


#86
 p-Isopropyltoluene
 Concen: 19.549 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047007.D
 Acq: 15 Jul 2025 17:06



Tgt Ion:119 Resp: 291042
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.049 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion:146 Resp: 15692

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

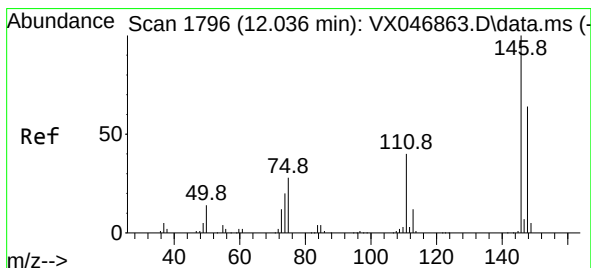
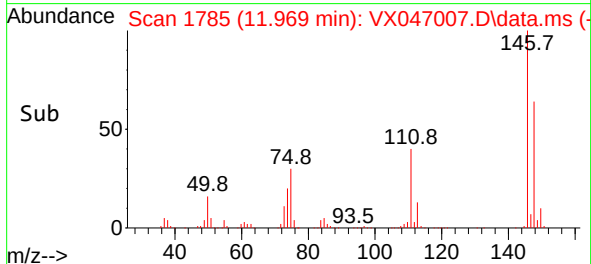
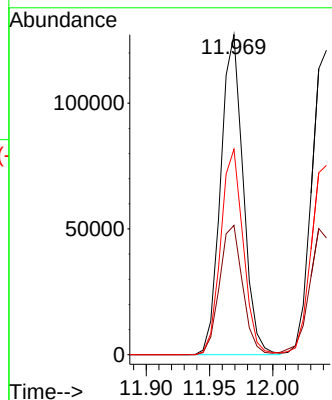
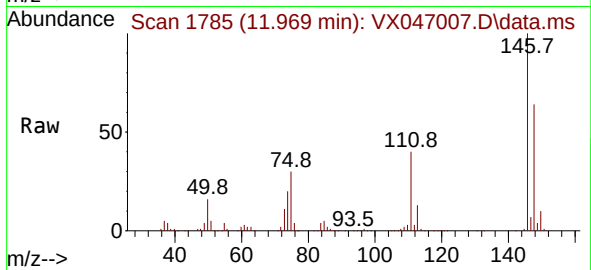
148 64.4 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#88

1,4-Dichlorobenzene

Concen: 19.214 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

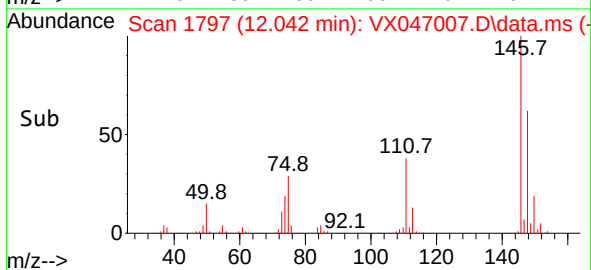
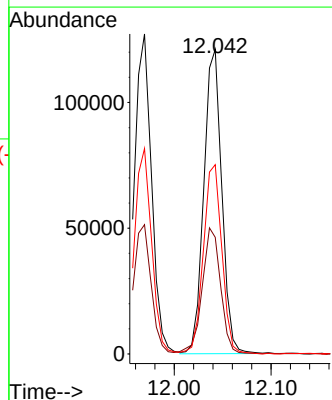
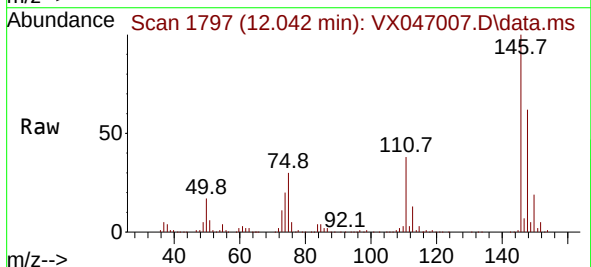
Tgt Ion:146 Resp: 156512

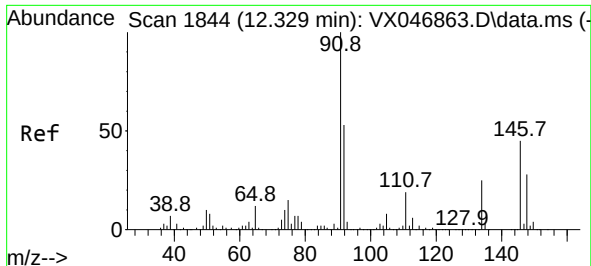
Ion Ratio Lower Upper

146 100

111 42.4 20.2 60.5

148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 19.126 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

Tgt Ion: 91 Resp: 26754

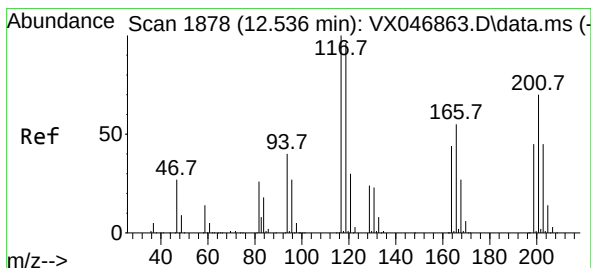
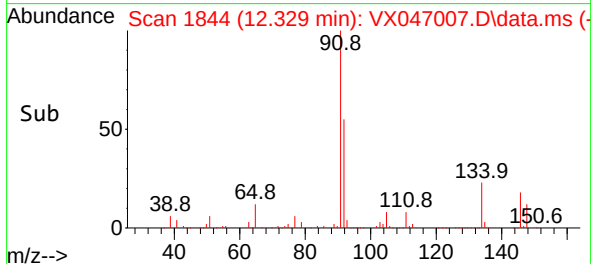
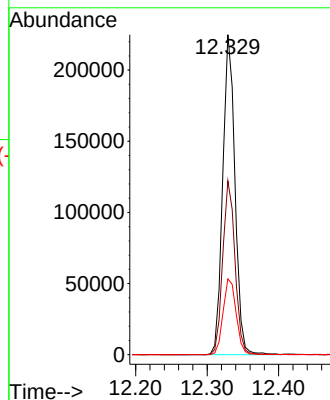
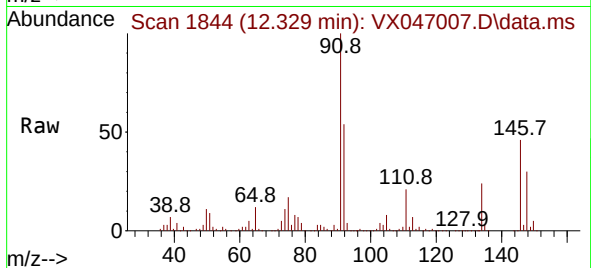
Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.0	81.0
134	25.4	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#90

Hexachloroethane

Concen: 18.682 ug/l

RT: 12.536 min Scan# 1878

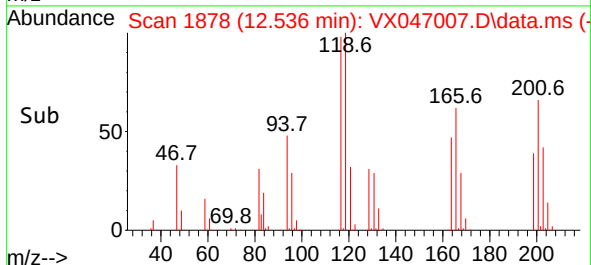
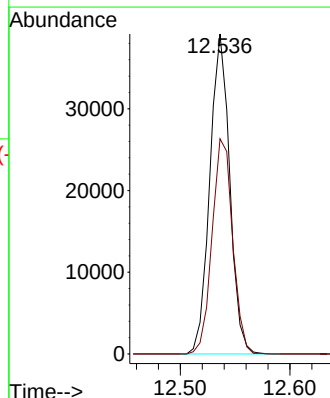
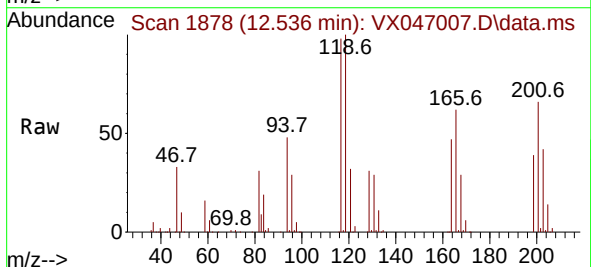
Delta R.T. -0.000 min

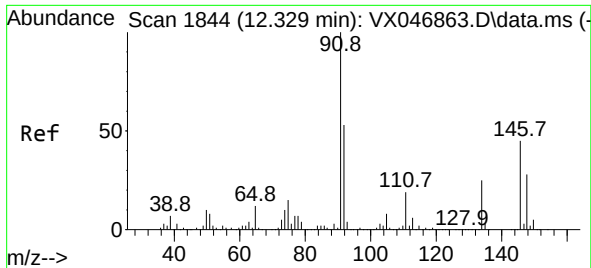
Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Tgt Ion:117 Resp: 49305

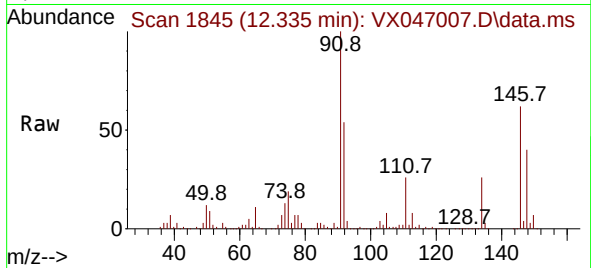
Ion	Ratio	Lower	Upper
117	100		
201	69.5	35.8	107.4





#91
1,2-Dichlorobenzene
Concen: 19.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

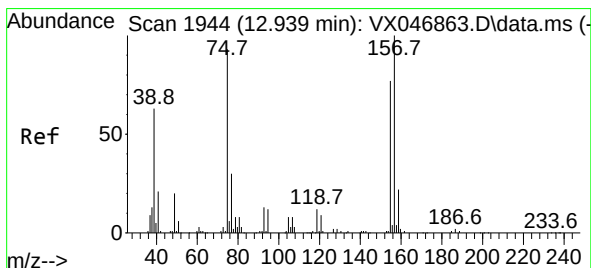
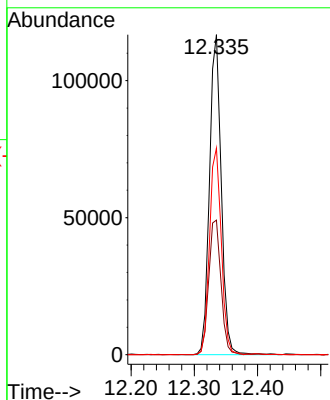
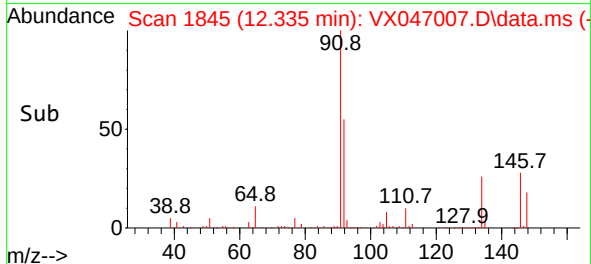
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



Tgt Ion:146 Resp: 150962
Ion Ratio Lower Upper
146 100
111 44.0 21.1 63.1
148 64.5 31.6 95.0

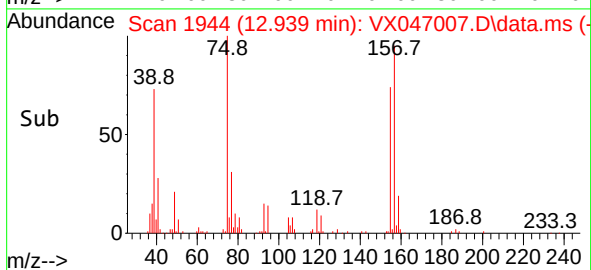
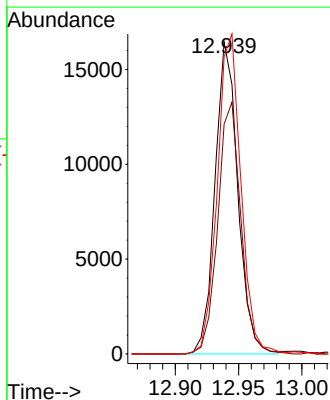
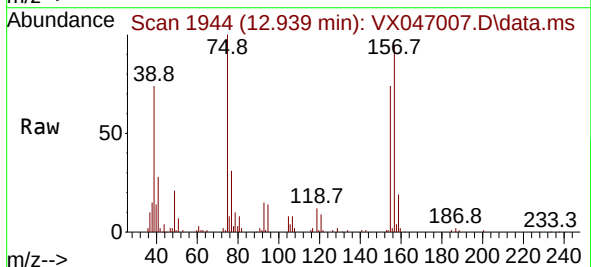
Manual Integrations
APPROVED

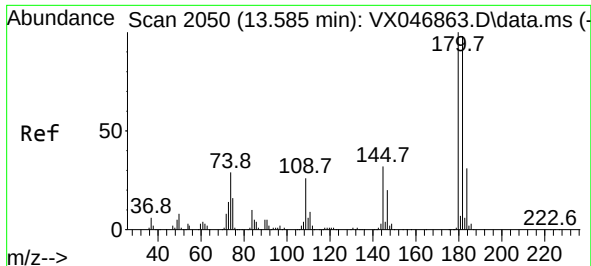
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.547 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

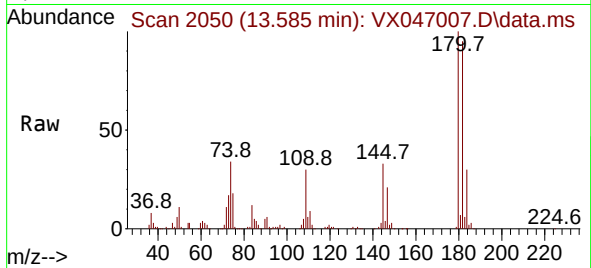
Tgt Ion: 75 Resp: 20644
Ion Ratio Lower Upper
75 100
155 81.3 43.1 129.4
157 106.5 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 19.420 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06

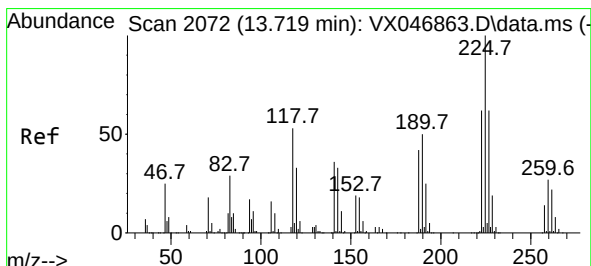
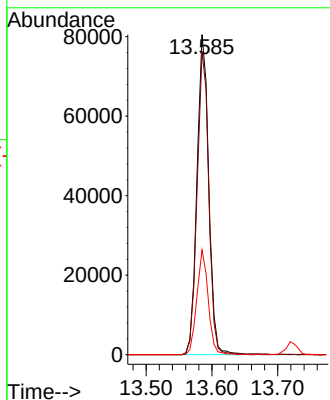
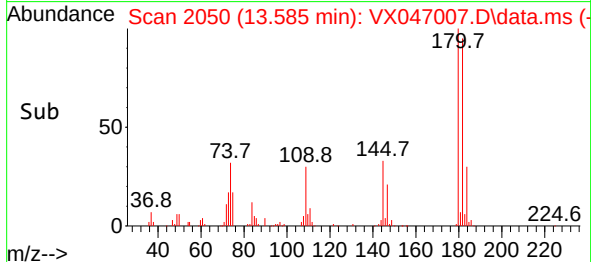
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01



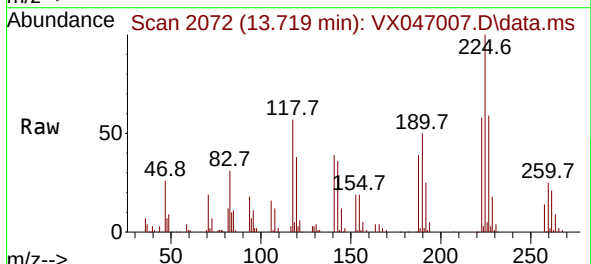
Tgt Ion:180 Resp: 100068
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.9
145 31.4 16.1 48.2

Manual Integrations
APPROVED

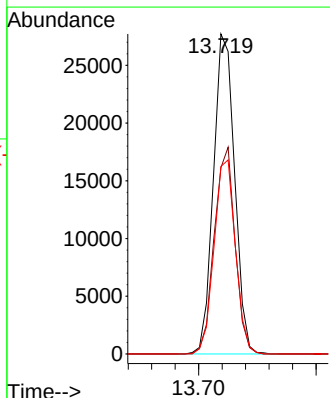
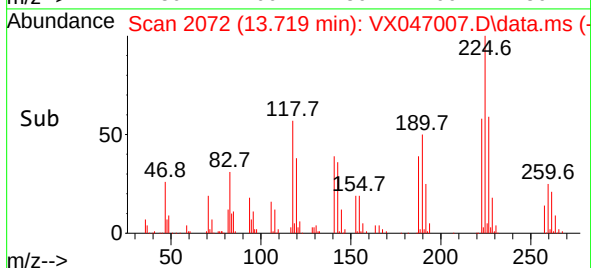
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

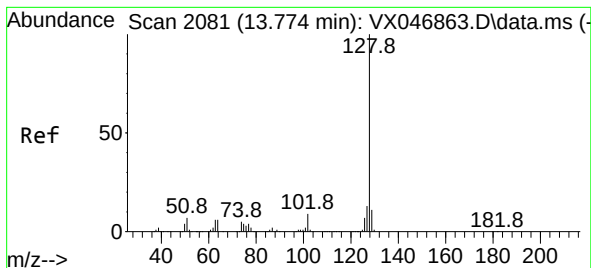


#94
Hexachlorobutadiene
Concen: 17.853 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX047007.D
Acq: 15 Jul 2025 17:06



Tgt Ion:225 Resp: 34692
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.7
227 61.2 31.6 94.7





#95

Naphthalene

Concen: 23.422 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0715MBS01

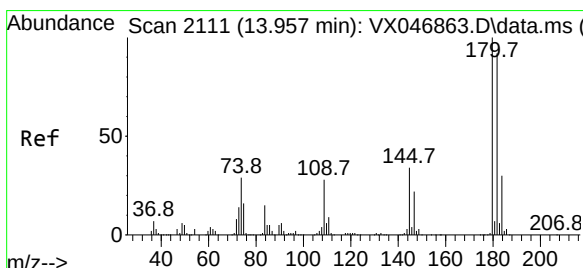
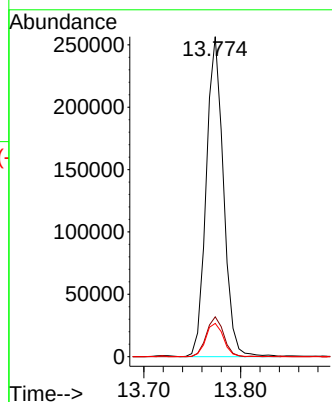
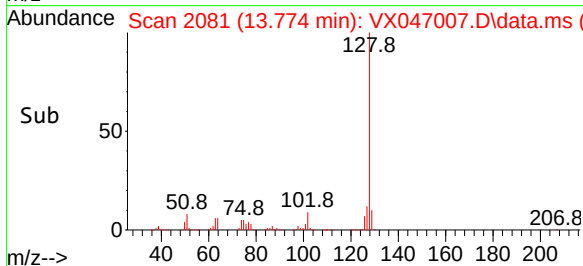
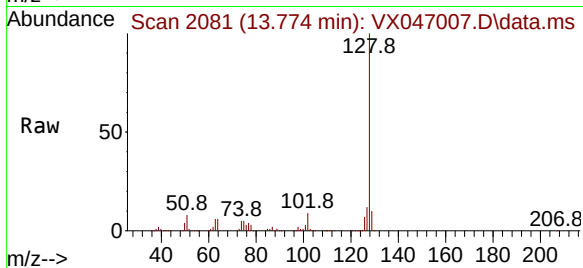
Tgt Ion:	128	Resp:	31802
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.893 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047007.D

Acq: 15 Jul 2025 17:06

Tgt Ion:	180	Resp:	96852
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.7	140.1
145	34.6	16.8	50.3

