

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046763.D
 Acq On : 19 Jun 2025 11:51
 Operator : JC/MD
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:17:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	120371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85794	51.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.060%			
35) Dibromofluoromethane	5.391	113	69686	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	249730	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	97074	54.915	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	25471	19.820	ug/l	99
3) Chloromethane	1.307	50	27061	19.509	ug/l	96
4) Vinyl Chloride	1.386	62	29098	19.672	ug/l	95
5) Bromomethane	1.630	94	18436	22.153	ug/l	93
6) Chloroethane	1.703	64	18444	20.573	ug/l	95
7) Trichlorofluoromethane	1.904	101	43435	19.339	ug/l	97
8) Diethyl Ether	2.148	74	15726	20.402	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	27115	19.679	ug/l	98
10) Methyl Iodide	2.465	142	30018	20.229	ug/l	98
11) Tert butyl alcohol	2.959	59	10932	73.154	ug/l	96
12) 1,1-Dichloroethene	2.337	96	25867	19.455	ug/l	98
13) Acrolein	2.245	56	18810	86.416	ug/l	97
14) Allyl chloride	2.678	41	45893	19.051	ug/l	100
15) Acrylonitrile	3.068	53	61358	91.312	ug/l	99
16) Acetone	2.386	43	45269	81.534	ug/l	95
17) Carbon Disulfide	2.526	76	72150	17.970	ug/l	99
18) Methyl Acetate	2.709	43	25035	17.753	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77256	18.661	ug/l	98
20) Methylene Chloride	2.800	84	29836	19.323	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	27280	19.176	ug/l	97
22) Diisopropyl ether	3.764	45	94092	20.321	ug/l	87
23) Vinyl Acetate	3.733	43	359723	97.697	ug/l	100
24) 1,1-Dichloroethane	3.623	63	50927	19.372	ug/l	100
25) 2-Butanone	4.562	43	68340	87.030	ug/l	97
26) 2,2-Dichloropropane	4.489	77	36206	18.883	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32489	19.438	ug/l	100
28) Bromochloromethane	4.910	49	27522	23.092	ug/l	97
29) Tetrahydrofuran	5.013	42	43894	86.542	ug/l	99
30) Chloroform	5.099	83	53771	20.452	ug/l	97
31) Cyclohexane	5.477	56	49014	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44445	19.276	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35819	18.799	ug/l	97
37) Ethyl Acetate	4.721	43	31001	17.627	ug/l	98
38) Carbon Tetrachloride	5.684	117	39531	19.117	ug/l	99
39) Methylcyclohexane	7.385	83	47544	18.962	ug/l	99
40) Benzene	6.044	78	112866	20.015	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17801	18.985	ug/l	96
42) 1,2-Dichloroethane	6.092	62	39829	20.100	ug/l	99
43) Isopropyl Acetate	6.342	43	50813	18.463	ug/l	99
44) Trichloroethene	7.129	130	27765	19.321	ug/l	89
45) 1,2-Dichloropropane	7.427	63	28336	20.276	ug/l	92
46) Dibromomethane	7.580	93	19978	19.891	ug/l	99
47) Bromodichloromethane	7.824	83	41221	20.112	ug/l	99
48) Methyl methacrylate	7.696	41	26092	18.904	ug/l	100
49) 1,4-Dioxane	7.659	88	6068	321.885	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	150700	91.811	ug/l	98
52) Toluene	8.720	92	70998	20.310	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37151	19.536	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43044	19.939	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	26588	20.409	ug/l	98
56) Ethyl methacrylate	9.116	69	35838	18.636	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45490	20.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	100239	100.344	ug/l	99
59) 2-Hexanone	9.427	43	100820	88.846	ug/l	100
60) Dibromochloromethane	9.519	129	30624	19.947	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26614	20.084	ug/l	98
64) Tetrachloroethene	9.275	164	23913	18.778	ug/l	98
65) Chlorobenzene	10.079	112	78801	19.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26522	19.449	ug/l	100
67) Ethyl Benzene	10.195	91	135702	19.141	ug/l	99
68) m/p-Xylenes	10.299	106	102519	38.810	ug/l	99
69) o-Xylene	10.640	106	49068	19.820	ug/l	99
70) Styrene	10.653	104	85333	19.696	ug/l	98
71) Bromoform	10.799	173	19127	18.418	ug/l #	98
73) Isopropylbenzene	10.957	105	129881	18.592	ug/l	100
74) N-amyl acetate	10.842	43	45562	17.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35939	18.425	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29301m	16.867	ug/l	
77) Bromobenzene	11.195	156	31899	18.976	ug/l	98
78) n-propylbenzene	11.299	91	156018	18.803	ug/l	100
79) 2-Chlorotoluene	11.360	91	92310	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	108639	18.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9561	15.556	ug/l	95
82) 4-Chlorotoluene	11.451	91	108666	18.795	ug/l	99
83) tert-Butylbenzene	11.713	119	108810	18.337	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	108849	18.872	ug/l	100
85) sec-Butylbenzene	11.890	105	141281	18.839	ug/l	100
86) p-Isopropyltoluene	12.006	119	118528	18.732	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60812	18.553	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	59834	17.772	ug/l	98
89) n-Butylbenzene	12.329	91	111302	18.526	ug/l	99
90) Hexachloroethane	12.536	117	19081	17.220	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	58188	18.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6206	16.116	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	39871	18.309	ug/l	99
94) Hexachlorobutadiene	13.719	225	17144	18.715	ug/l	96
95) Naphthalene	13.774	128	107578	17.340	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	37893	18.189	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

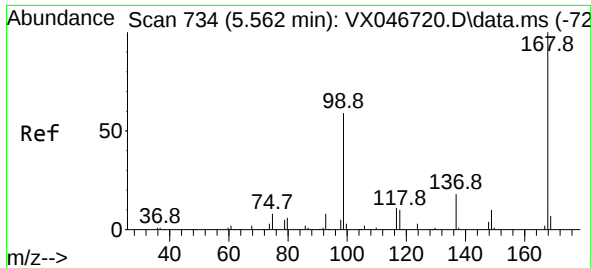
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

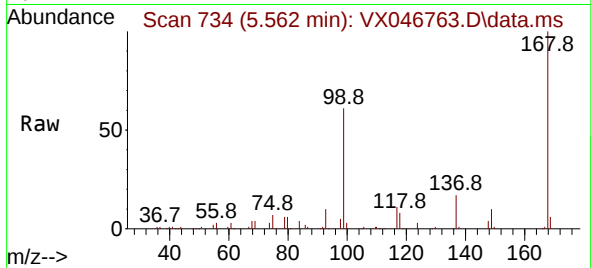
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
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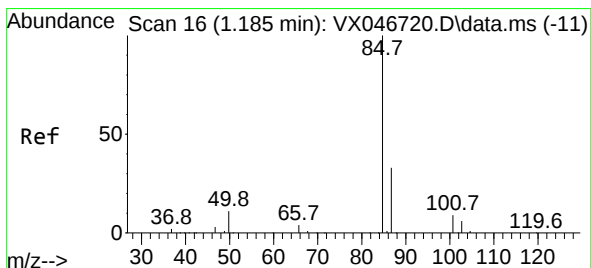
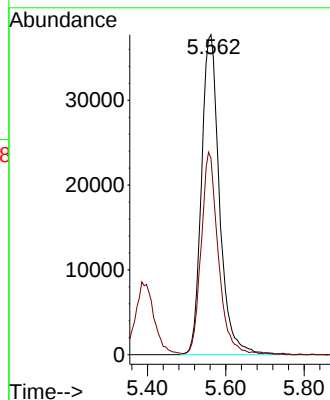
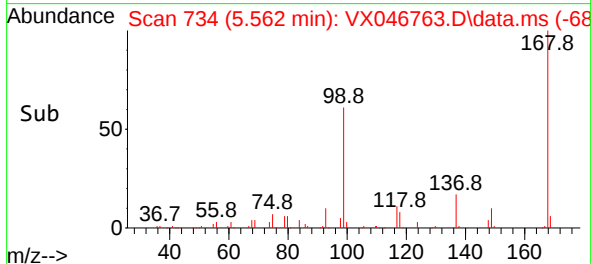
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion:168 Resp: 12037
Ion Ratio Lower Upper
168 100
99 61.3 48.5 72.7

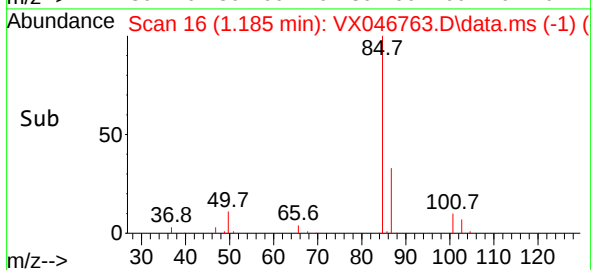
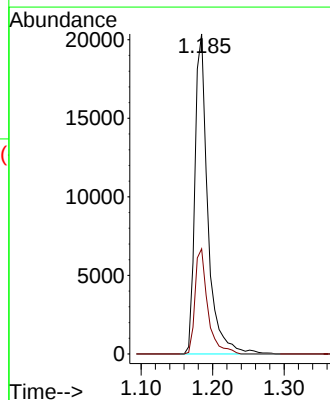
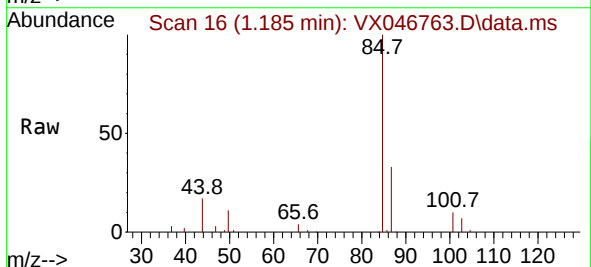
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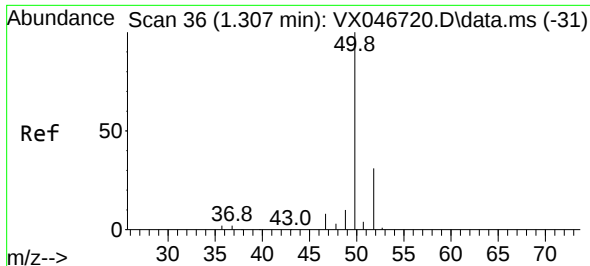
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 19.820 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 85 Resp: 25471
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8





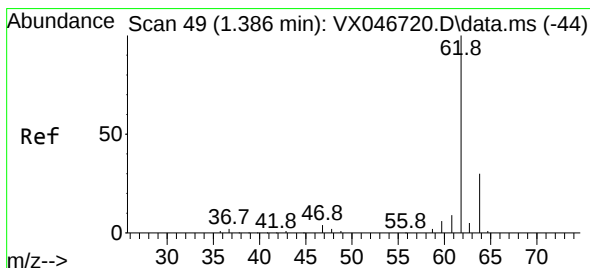
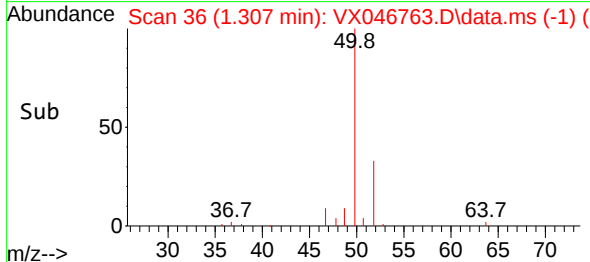
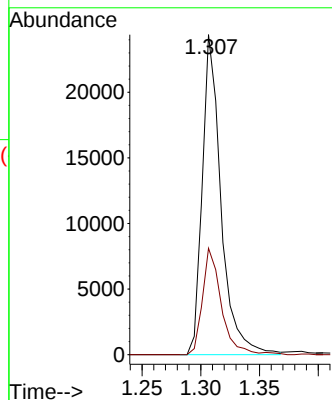
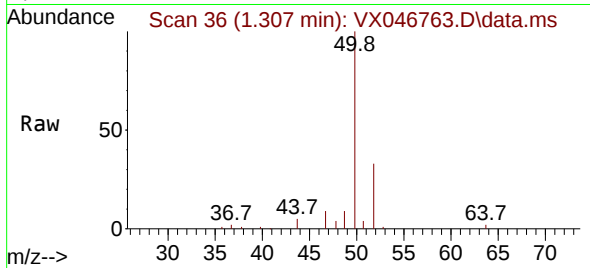
#3
Chloromethane
Concen: 19.509 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046763.D
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Tgt Ion: 50 Resp: 2706
Ion Ratio Lower Upper
50 100
52 33.3 24.9 37.3

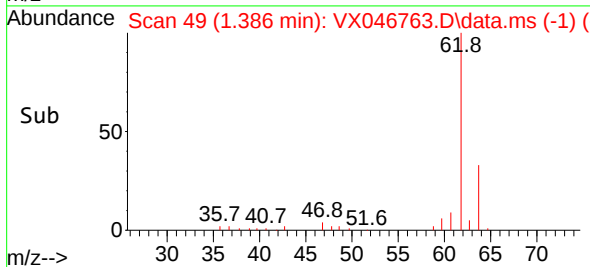
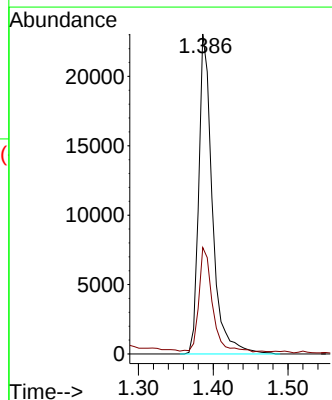
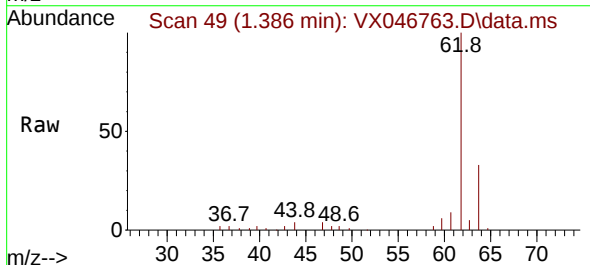
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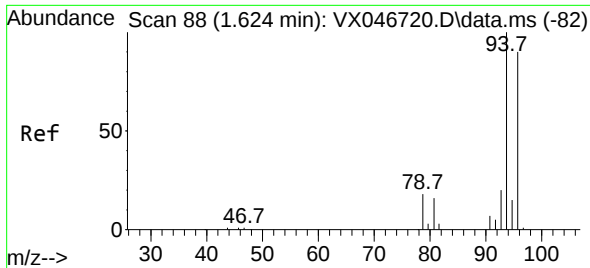
Reviewed By :John Carlone 06/20/2025
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#4
Vinyl Chloride
Concen: 19.672 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 62 Resp: 29098
Ion Ratio Lower Upper
62 100
64 32.5 23.9 35.9





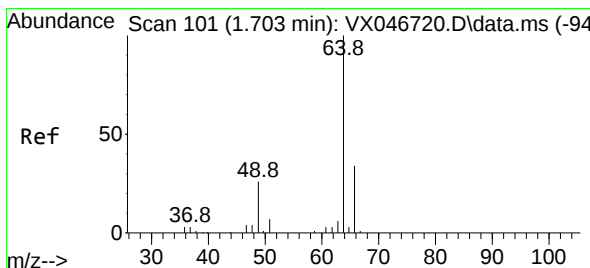
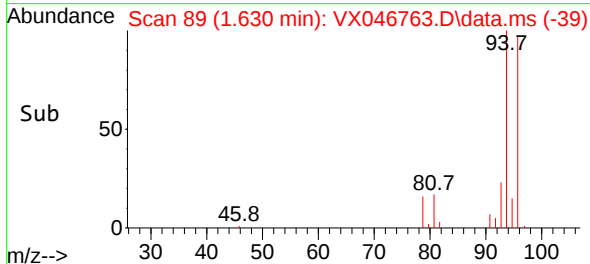
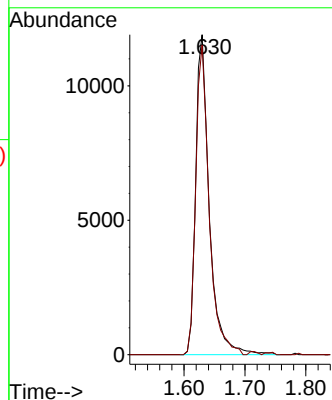
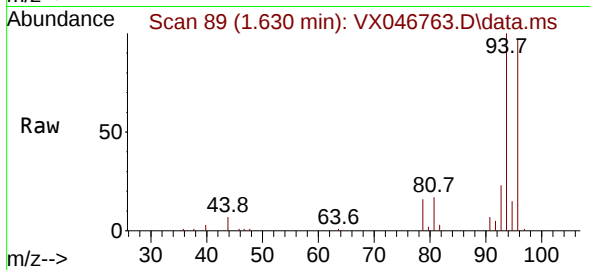
#5
Bromomethane
Concen: 22.153 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046763.D
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Tgt Ion: 94 Resp: 18436
Ion Ratio Lower Upper
94 100
96 96.8 72.3 108.5

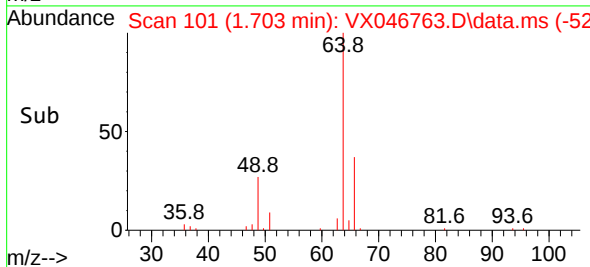
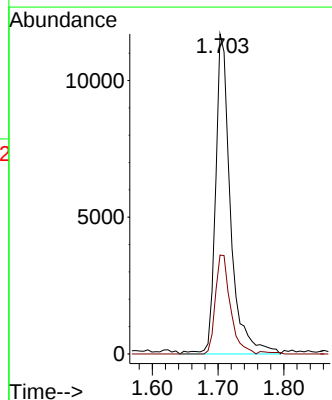
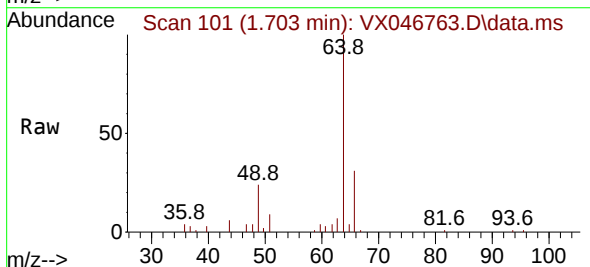
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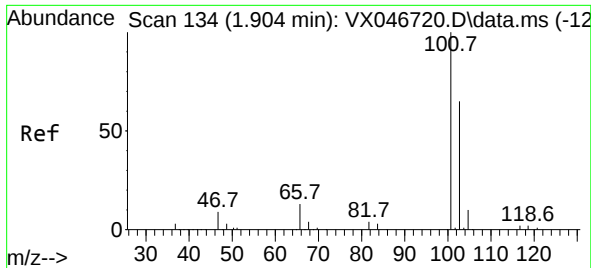
Reviewed By :John Carlone 06/20/2025
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#6
Chloroethane
Concen: 20.573 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
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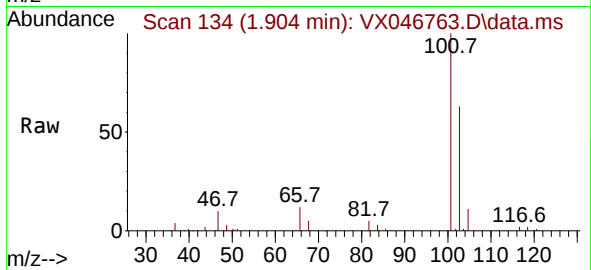
Tgt Ion: 64 Resp: 18444
Ion Ratio Lower Upper
64 100
66 30.9 27.1 40.7





#7
 Trichlorofluoromethane
 Concen: 19.339 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046763.D
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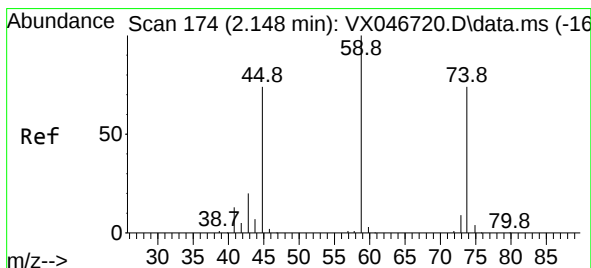
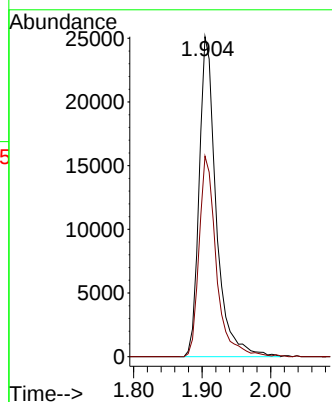
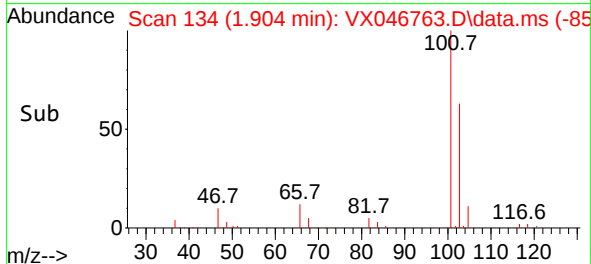
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01



Tgt Ion:101 Resp: 4343
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.8 77.8

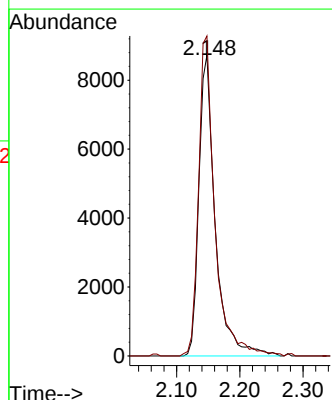
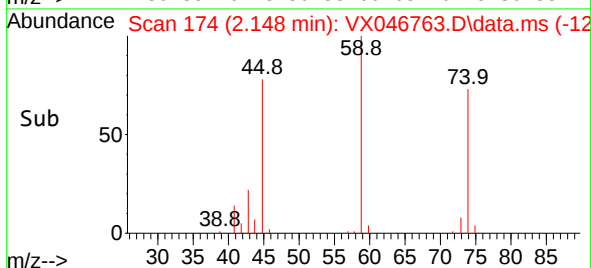
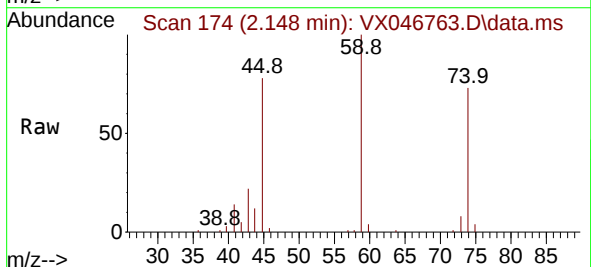
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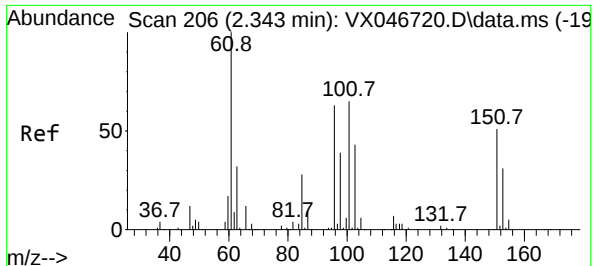
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#8
 Diethyl Ether
 Concen: 20.402 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX046763.D
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Tgt Ion: 74 Resp: 15726
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.3 157.1





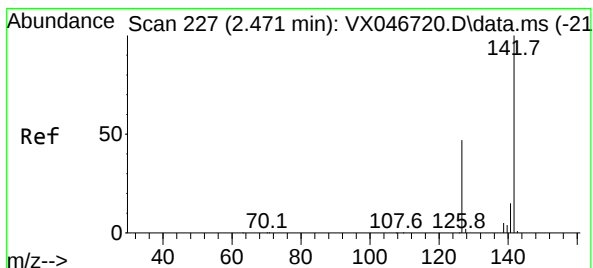
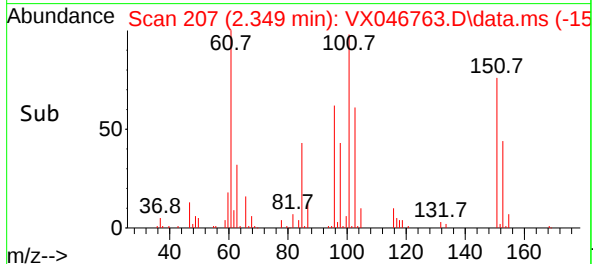
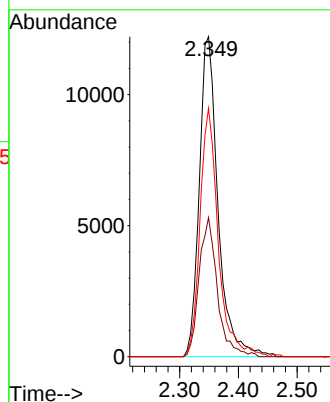
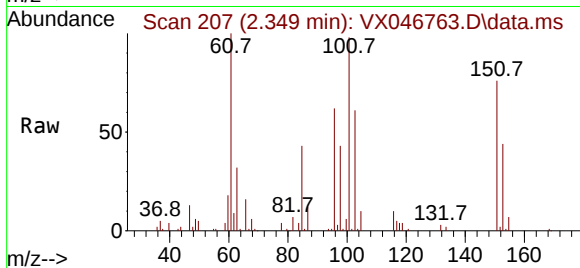
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.679 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion:101 Resp: 2711
Ion Ratio Lower Upper
101 100
85 42.4 35.4 53.0
151 75.5 61.2 91.8

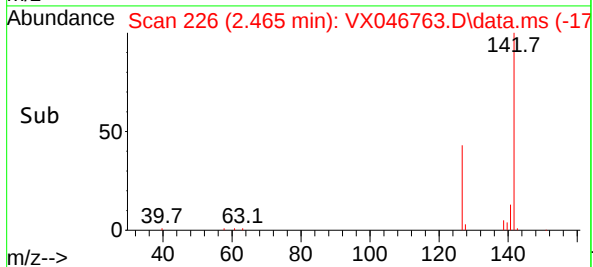
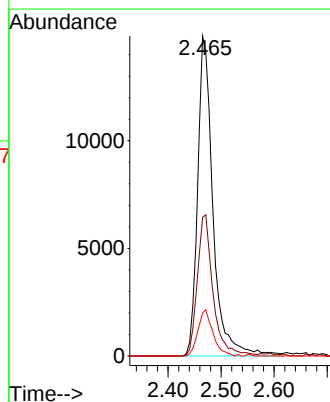
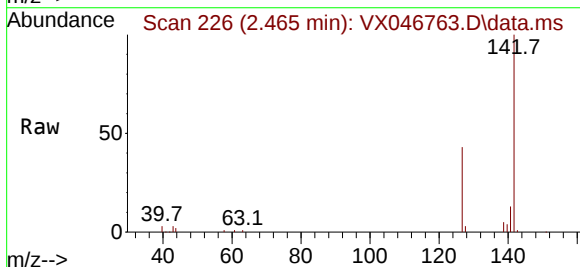
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 20.229 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

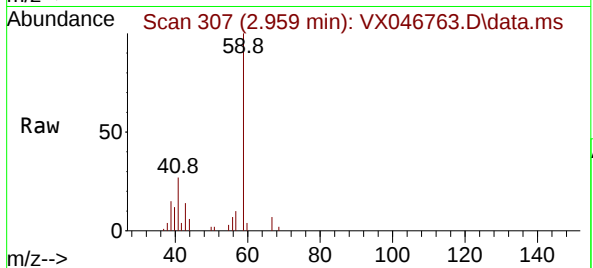
Tgt Ion:142 Resp: 30018
Ion Ratio Lower Upper
142 100
127 44.9 37.0 55.6
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 73.154 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

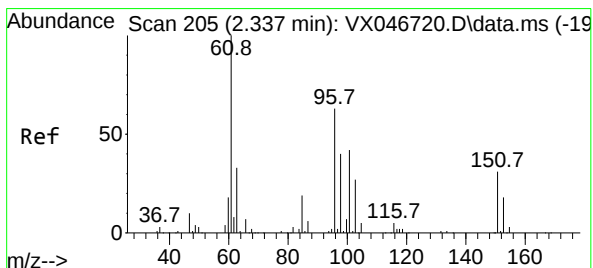
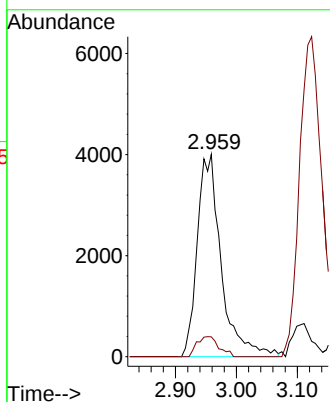
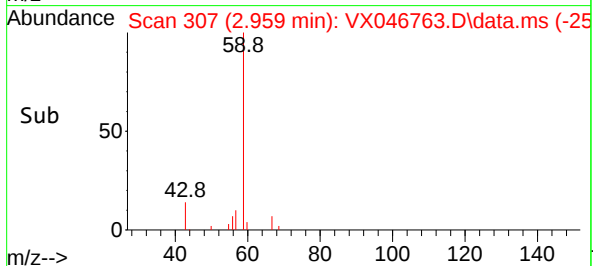
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 59 Resp: 1093
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5

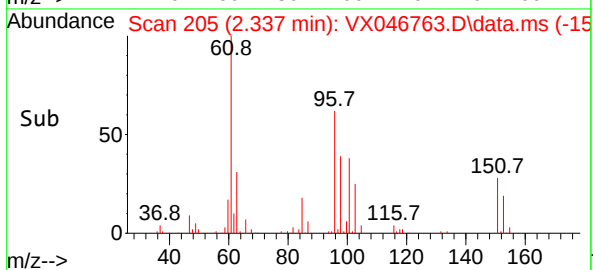
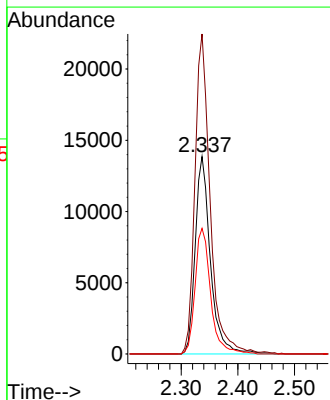
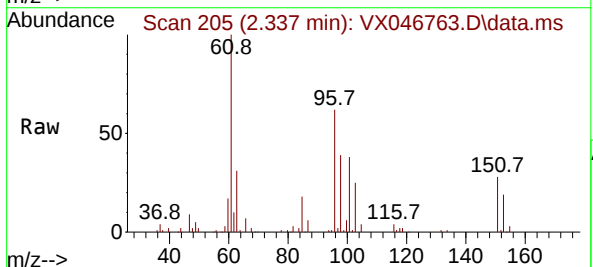
Manual Integrations
APPROVED

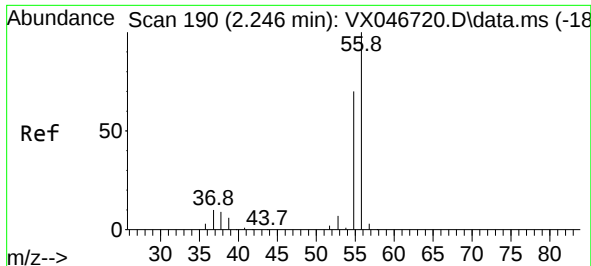
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 19.455 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

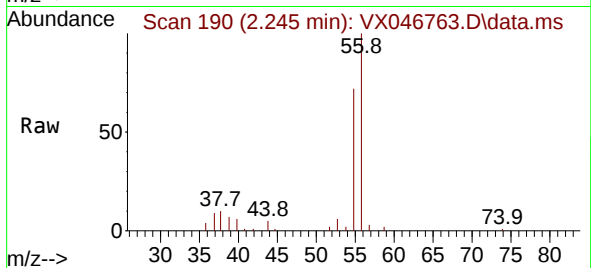
Tgt Ion: 96 Resp: 25867
Ion Ratio Lower Upper
96 100
61 162.1 126.6 189.8
98 63.6 50.7 76.1





#13
Acrolein
Concen: 86.416 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

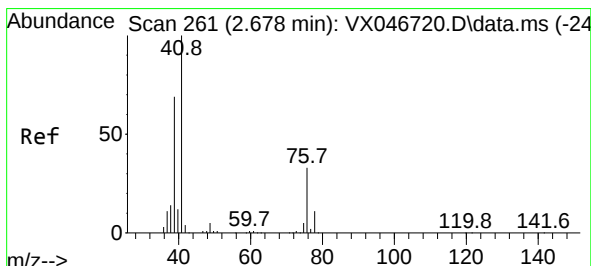
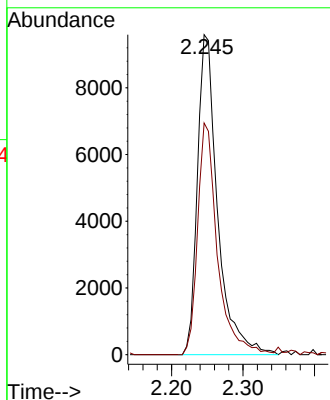
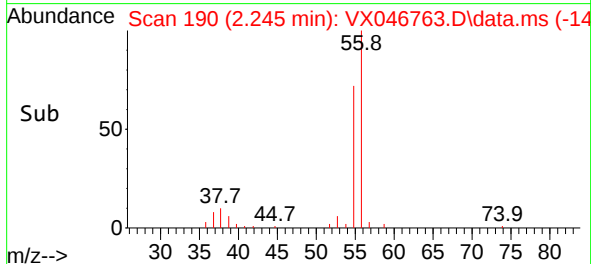
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 56 Resp: 18810
Ion Ratio Lower Upper
56 100
55 71.1 55.2 82.8

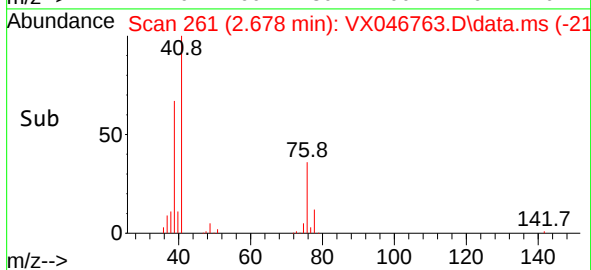
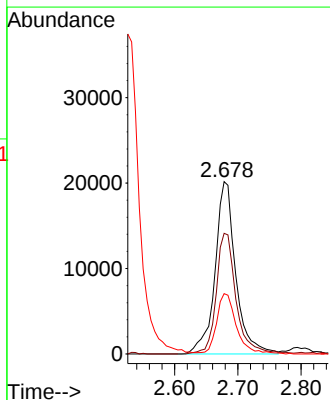
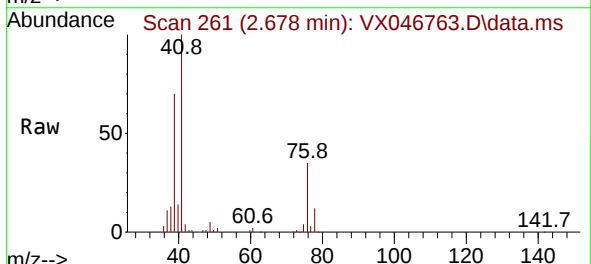
Manual Integrations
APPROVED

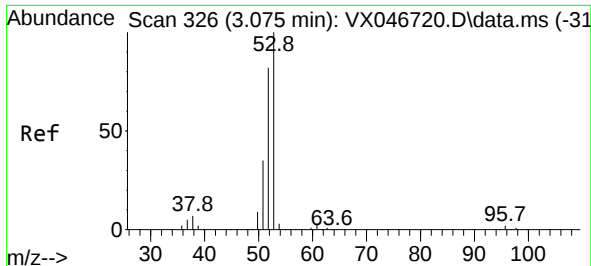
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 19.051 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

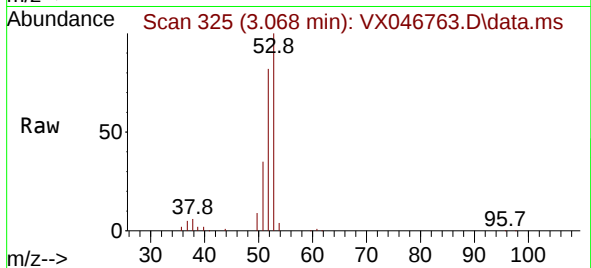
Tgt Ion: 41 Resp: 45893
Ion Ratio Lower Upper
41 100
39 67.1 53.6 80.4
76 33.3 26.8 40.2





#15
Acrylonitrile
Concen: 91.312 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

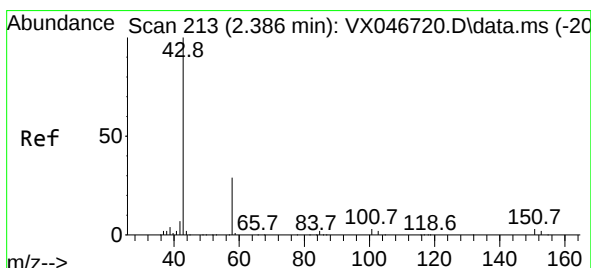
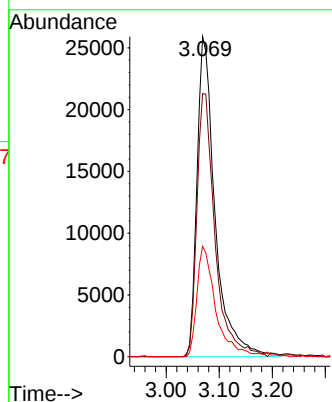
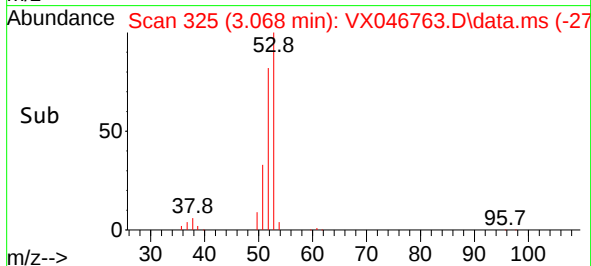
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 53 Resp: 61358
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 36.0 28.9 43.3

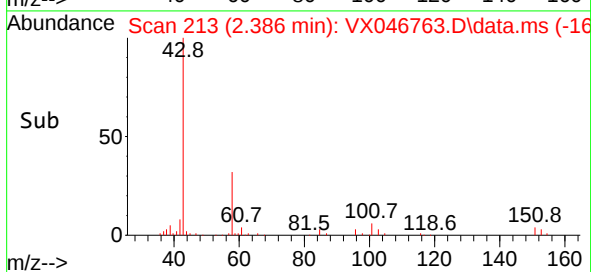
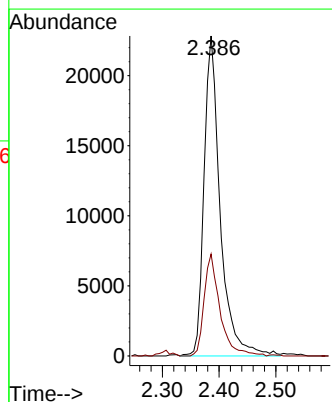
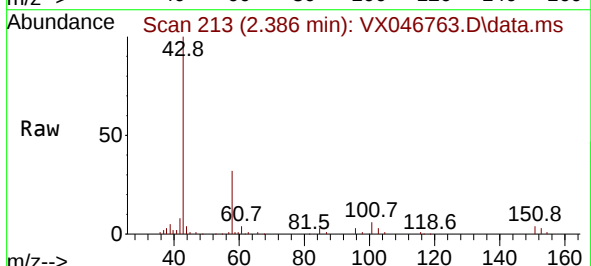
Manual Integrations
APPROVED

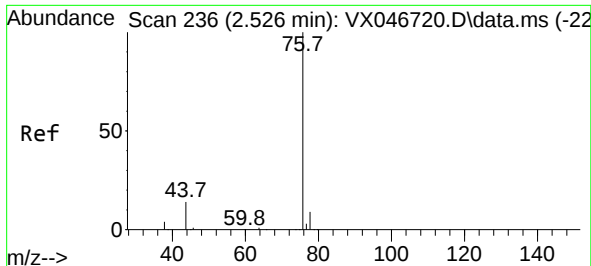
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 81.534 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

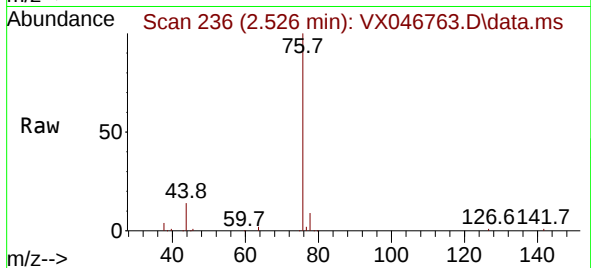
Tgt Ion: 43 Resp: 45269
Ion Ratio Lower Upper
43 100
58 33.3 24.5 36.7





#17
Carbon Disulfide
Concen: 17.970 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

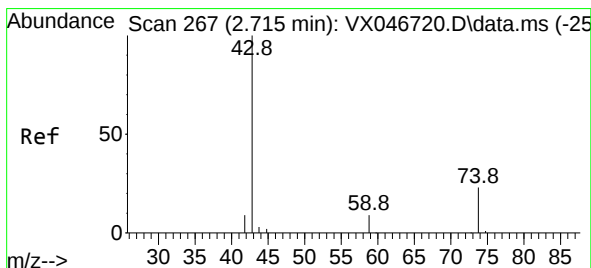
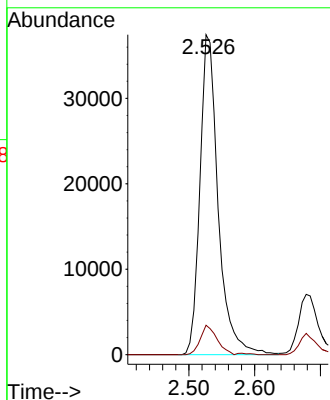
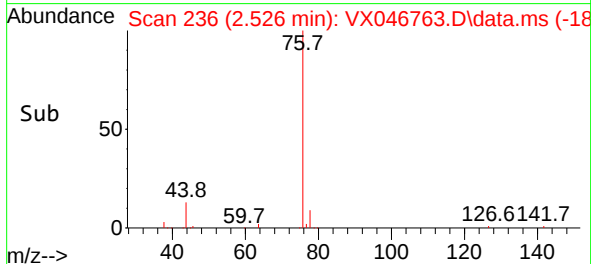
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



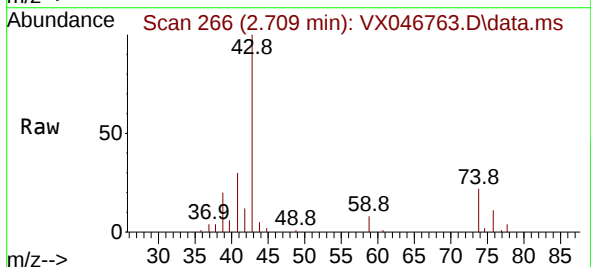
Tgt Ion: 76 Resp: 72150
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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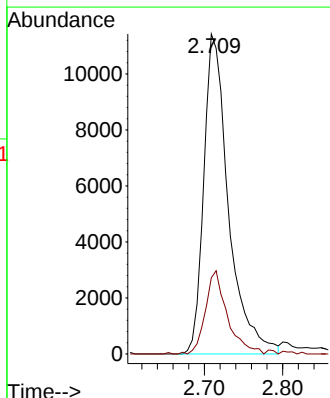
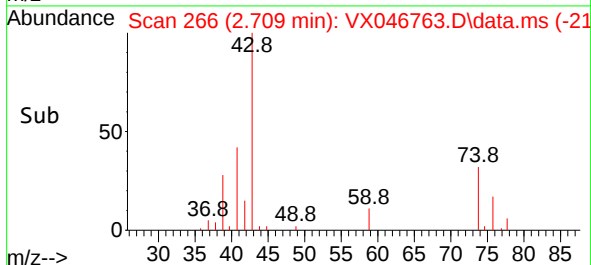
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

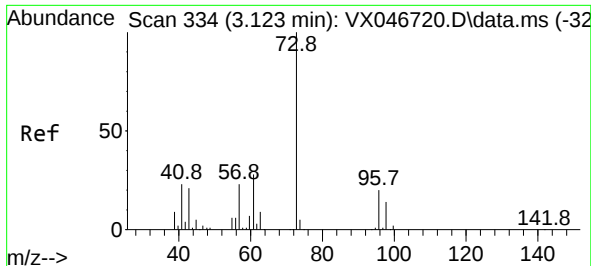


#18
Methyl Acetate
Concen: 17.753 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



Tgt Ion: 43 Resp: 25035
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6





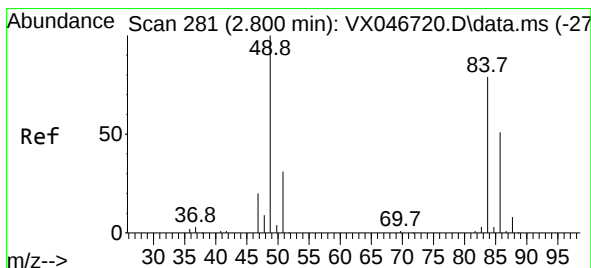
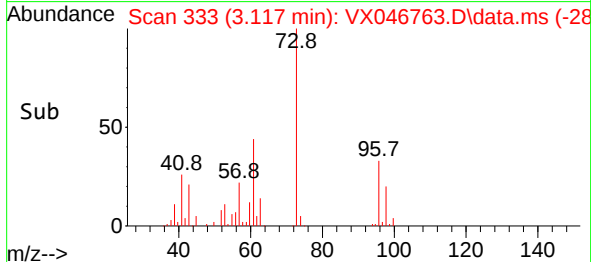
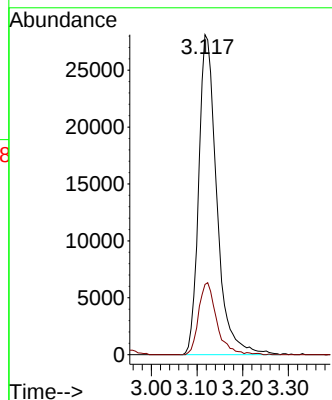
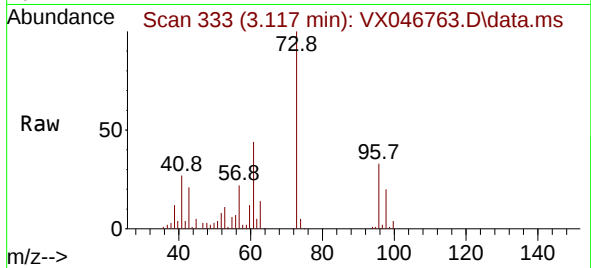
#19
Methyl tert-butyl Ether
Concen: 18.661 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion: 73 Resp: 77250
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2

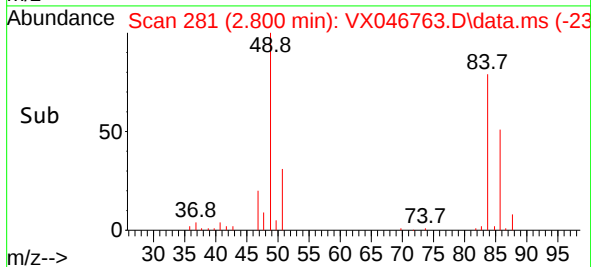
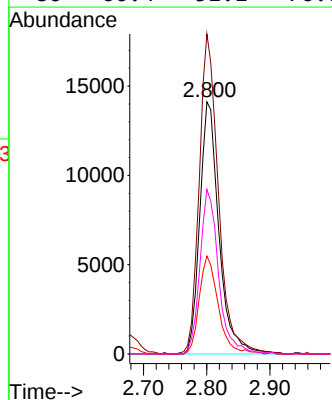
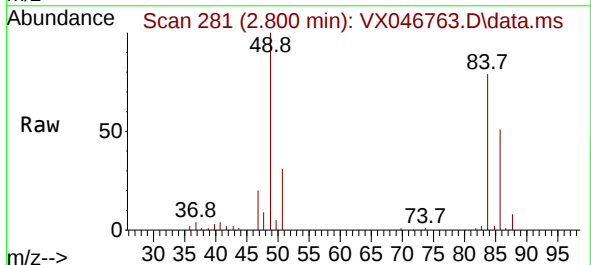
Manual Integrations
APPROVED

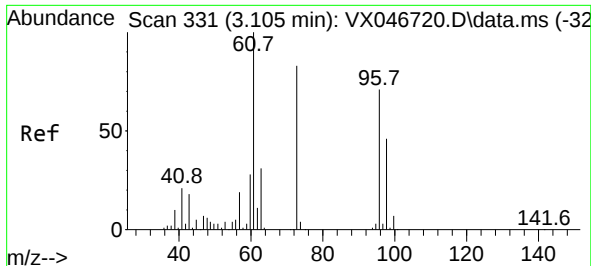
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 19.323 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

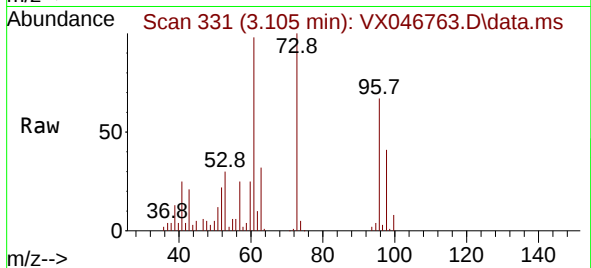
Tgt Ion: 84 Resp: 29836
Ion Ratio Lower Upper
84 100
49 126.4 101.3 151.9
51 38.8 31.0 46.6
86 66.4 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 19.176 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

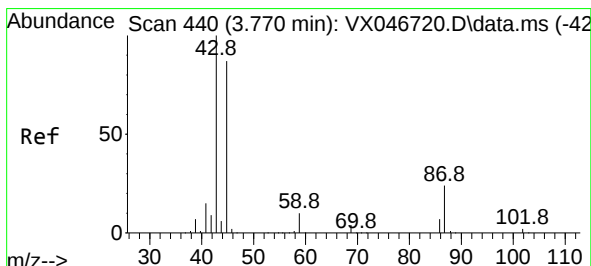
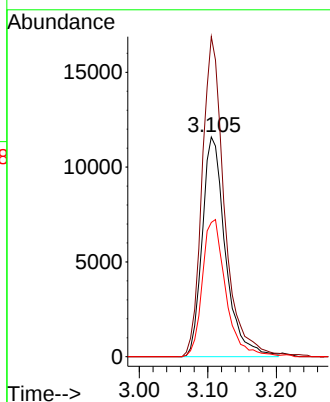
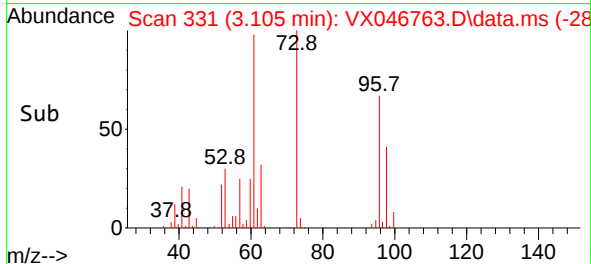
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 96 Resp: 27280
Ion Ratio Lower Upper
96 100
61 138.8 112.5 168.7
98 60.0 51.9 77.9

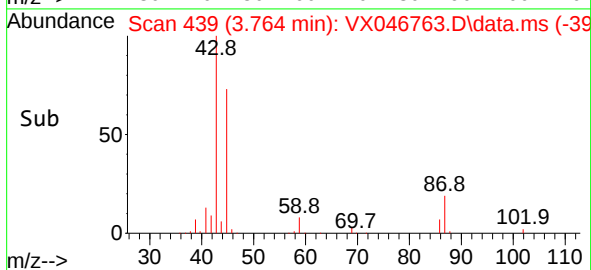
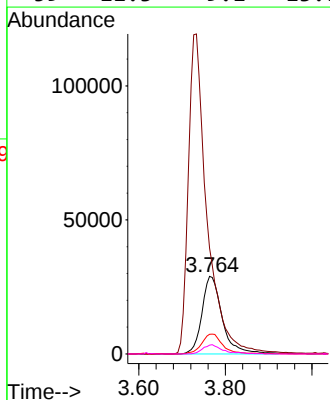
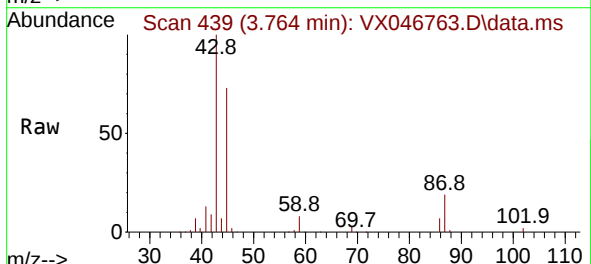
Manual Integrations
APPROVED

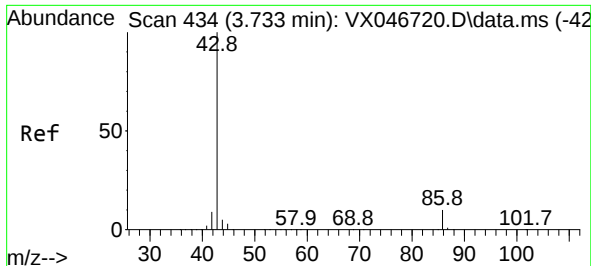
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 20.321 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

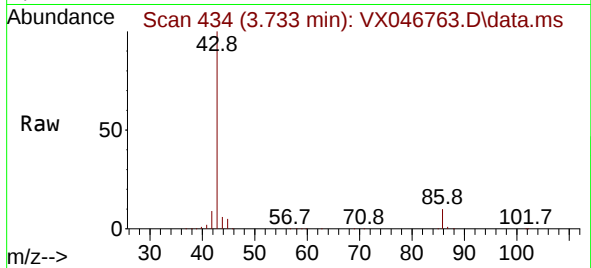
Tgt Ion: 45 Resp: 94092
Ion Ratio Lower Upper
45 100
43 133.4 91.9 137.9
87 25.5 22.0 33.0
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 97.697 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046763.D
 Acq: 19 Jun 2025 11:51

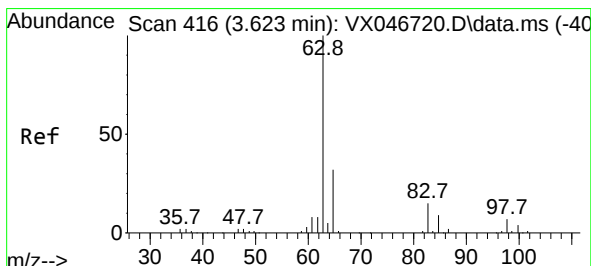
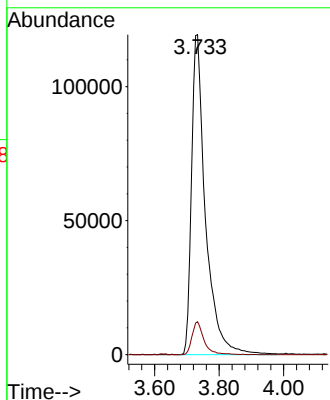
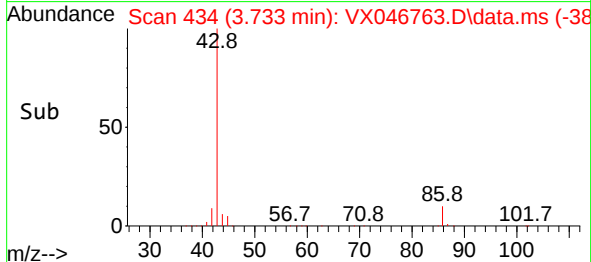
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01



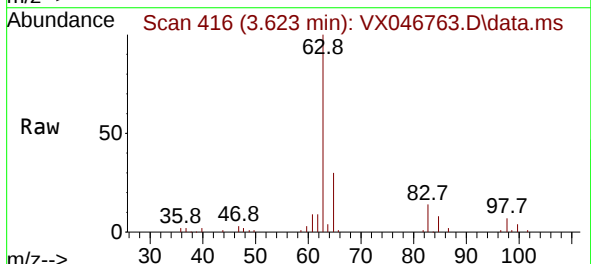
Tgt Ion: 43 Resp: 35972
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2

Manual Integrations
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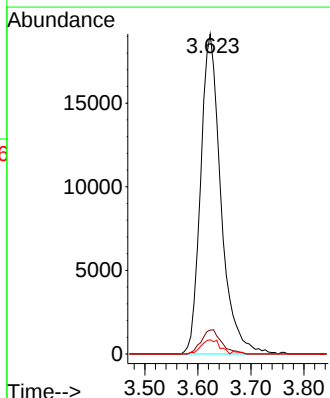
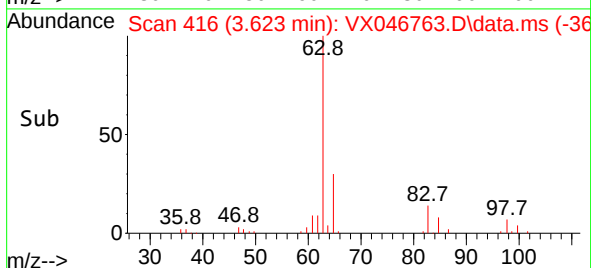
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

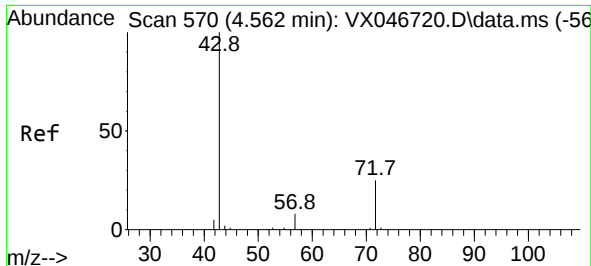


#24
 1,1-Dichloroethane
 Concen: 19.372 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046763.D
 Acq: 19 Jun 2025 11:51



Tgt Ion: 63 Resp: 50927
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 4.5 2.2 6.6





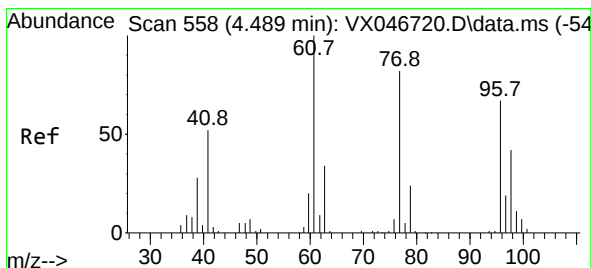
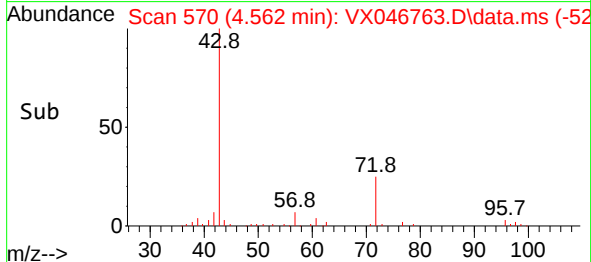
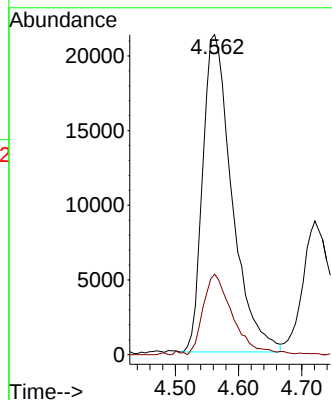
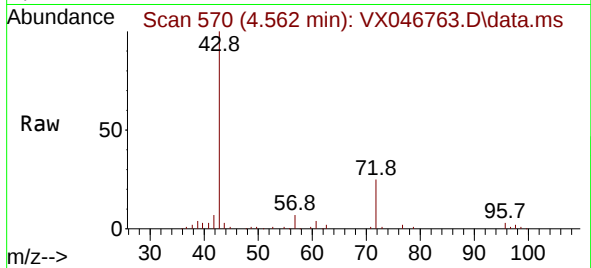
#25
2-Butanone
Concen: 87.030 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion: 43 Resp: 68340
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.4

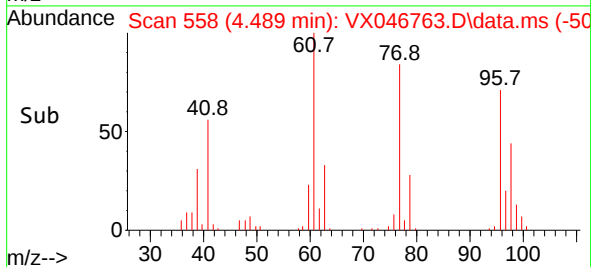
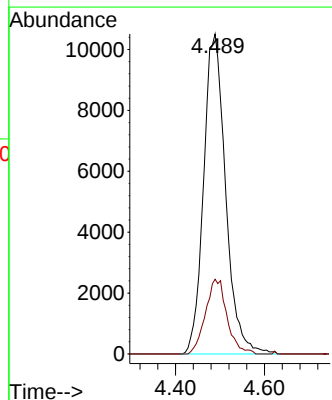
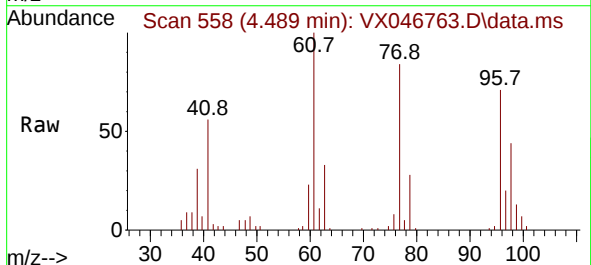
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 18.883 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 77 Resp: 36206
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.438 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 96 Resp: 32489

Ion Ratio Lower Upper

96 100

61 146.1 0.0 291.0

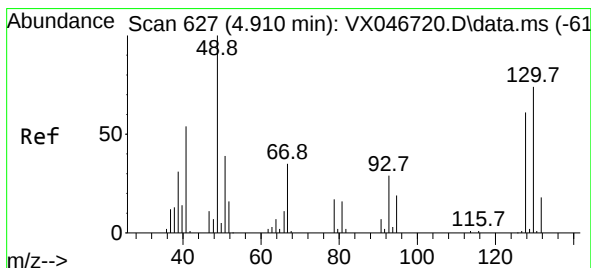
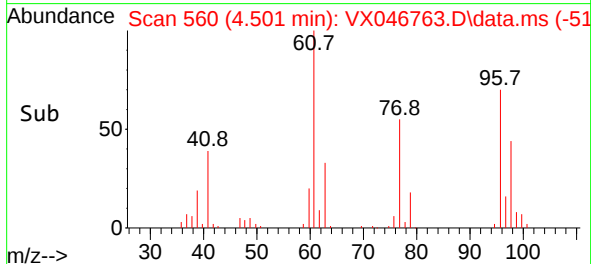
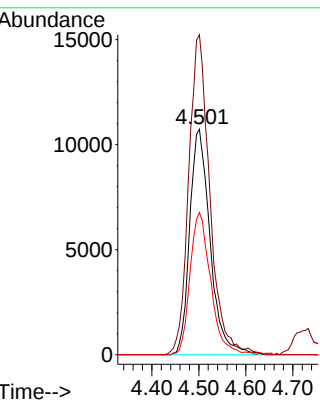
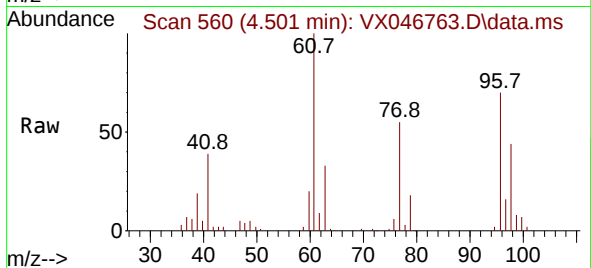
98 63.4 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 23.092 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

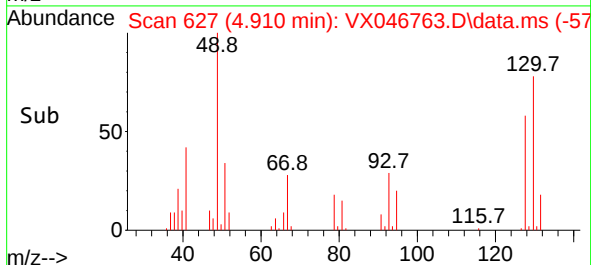
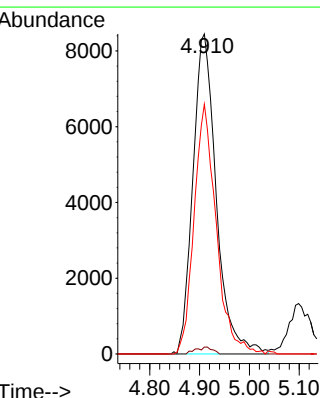
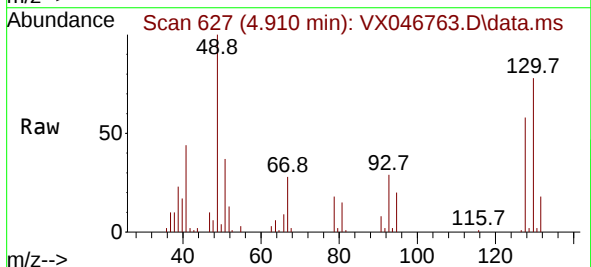
Tgt Ion: 49 Resp: 27522

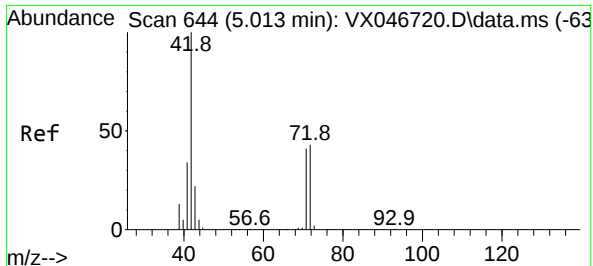
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 73.9 61.4 92.0





#29

Tetrahydrofuran

Concen: 86.542 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

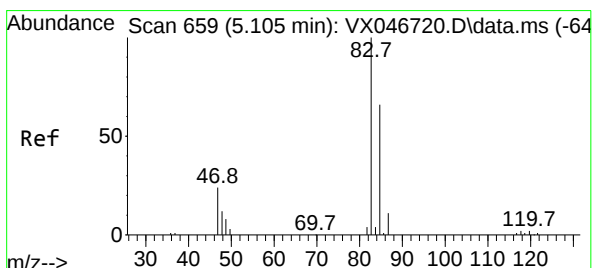
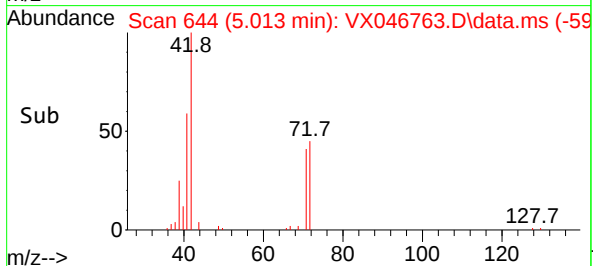
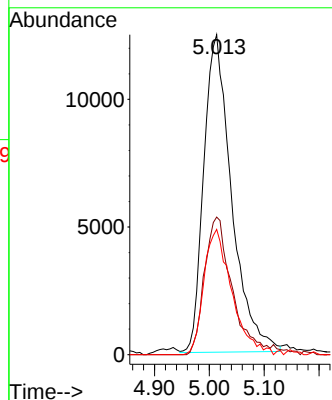
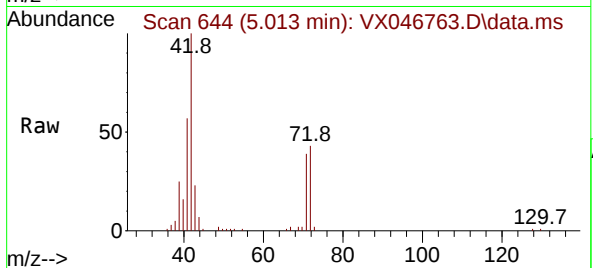
Tgt Ion:	42	Resp:	43894
Ion Ratio	Lower	Upper	
42	100		
72	44.2	34.9	52.3
71	39.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 20.452 ug/l

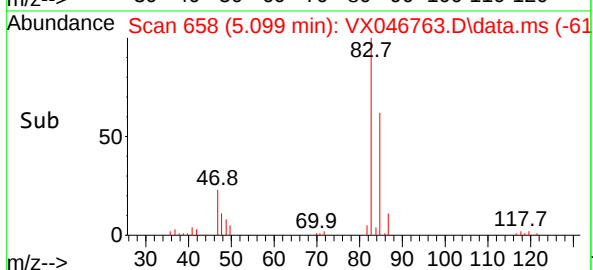
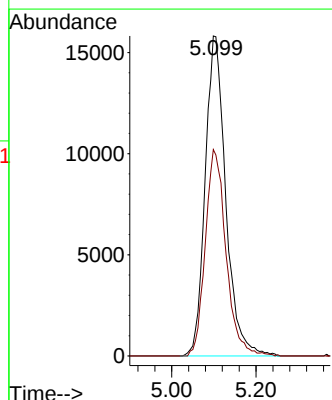
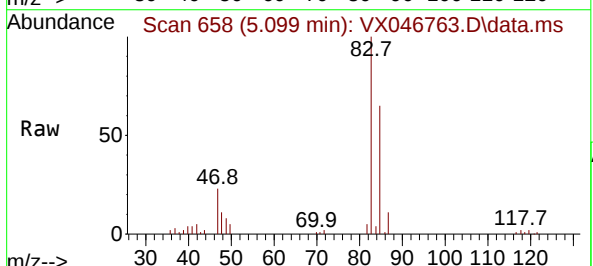
RT: 5.099 min Scan# 658

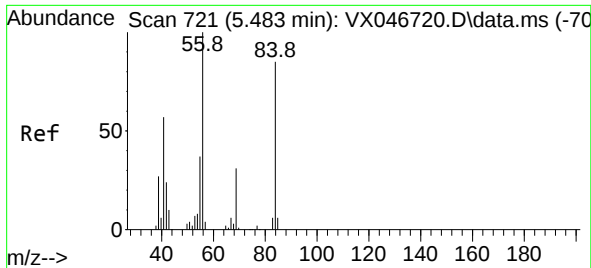
Delta R.T. -0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

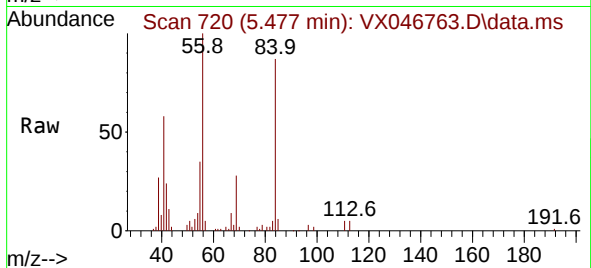
Tgt Ion:	83	Resp:	53771
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.7	80.5





#31
Cyclohexane
Concen: 19.660 ug/l
RT: 5.477 min Scan# 714
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

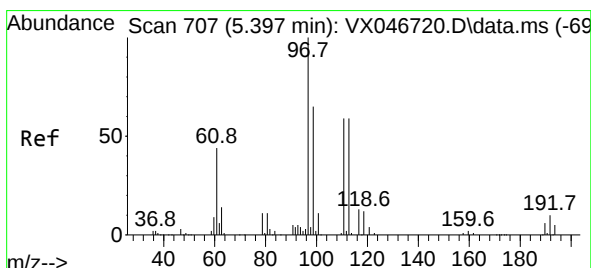
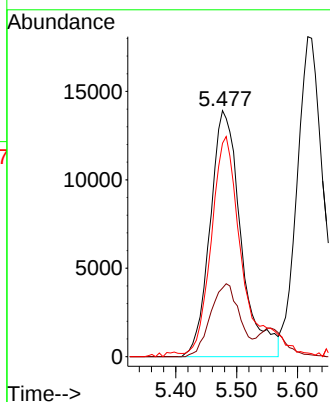
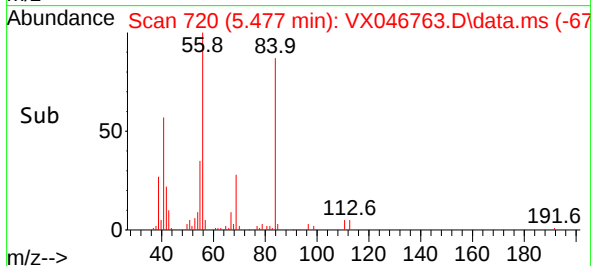
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 56 Resp: 49014
Ion Ratio Lower Upper
56 100
69 27.9 24.8 37.2
84 85.3 68.2 102.2

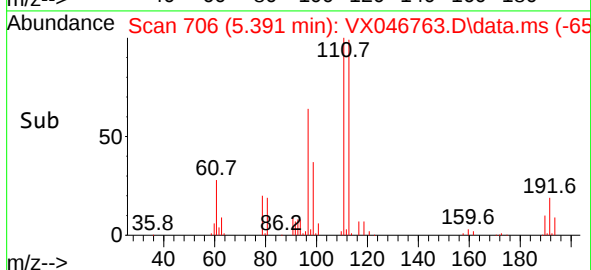
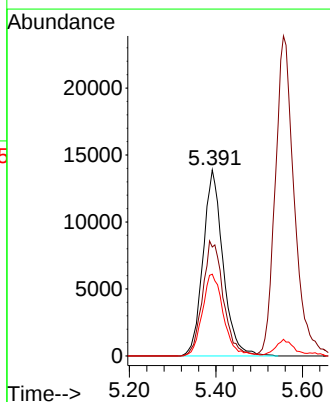
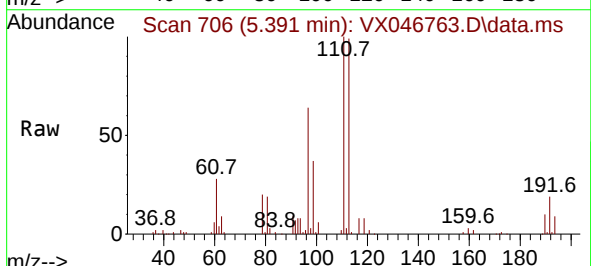
Manual Integrations
APPROVED

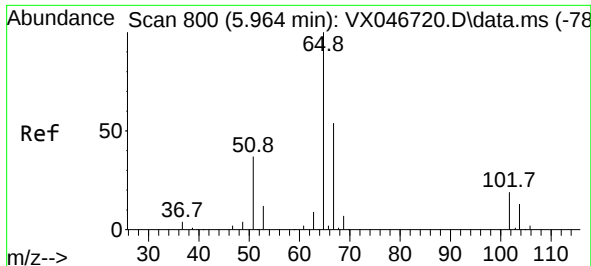
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.276 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 97 Resp: 44445
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 46.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.530 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 65 Resp: 85794

Ion Ratio Lower Upper

65 100

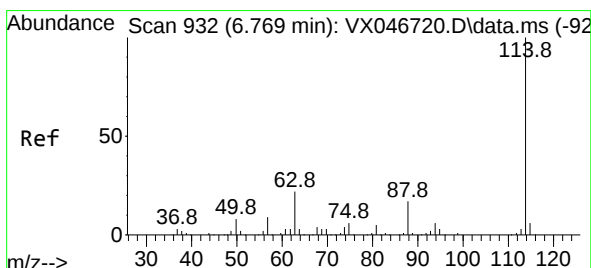
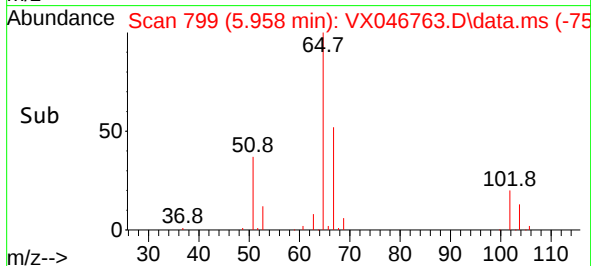
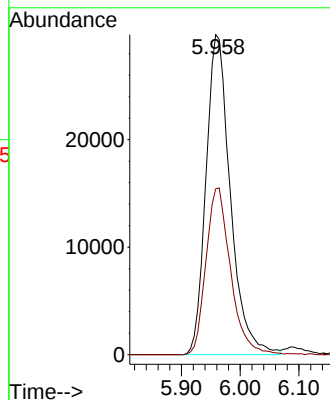
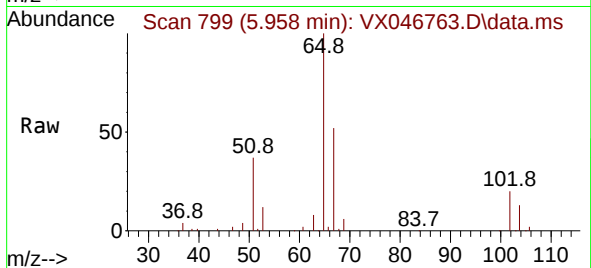
67 52.5 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

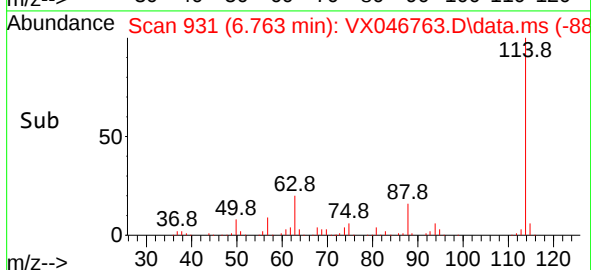
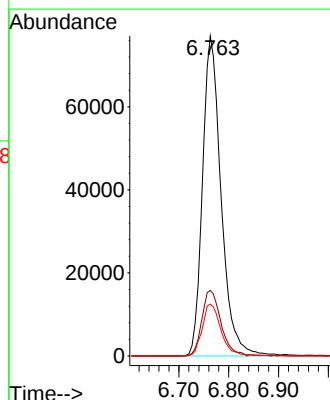
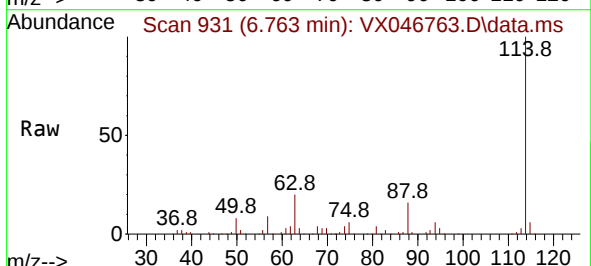
Tgt Ion:114 Resp: 199496

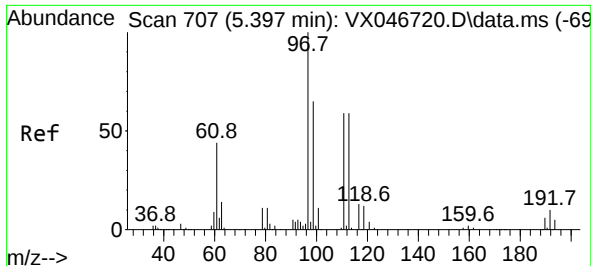
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.2

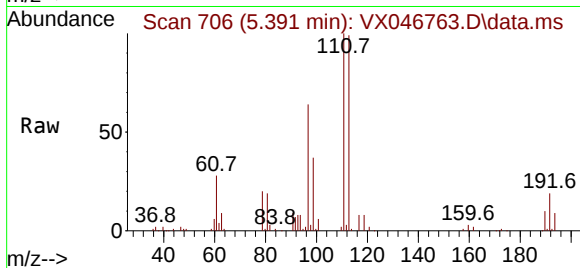
88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.795 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

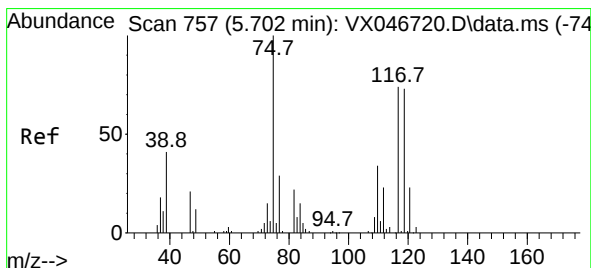
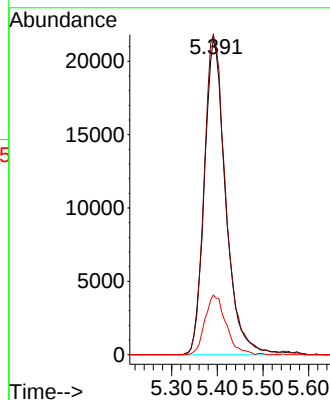
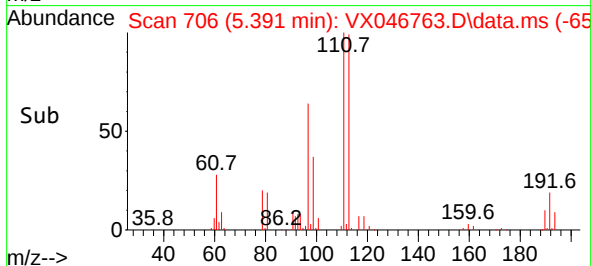
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 113 Resp: 69680
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.6 15.3 22.9

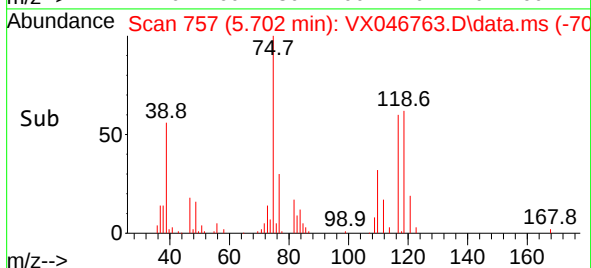
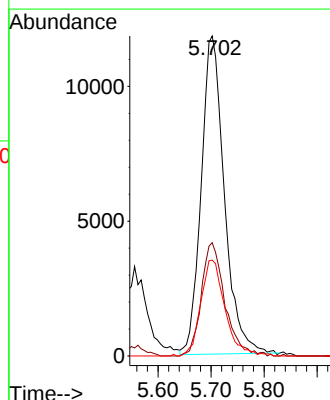
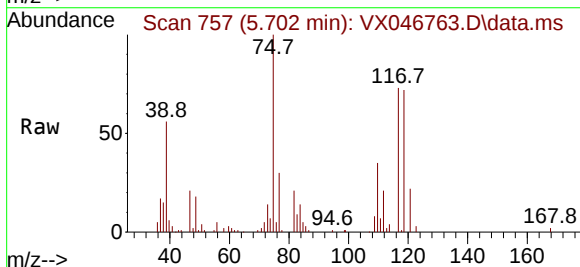
Manual Integrations
APPROVED

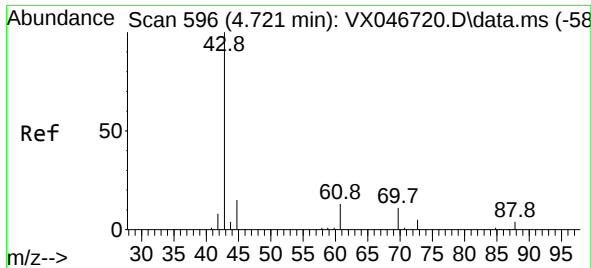
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 18.799 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

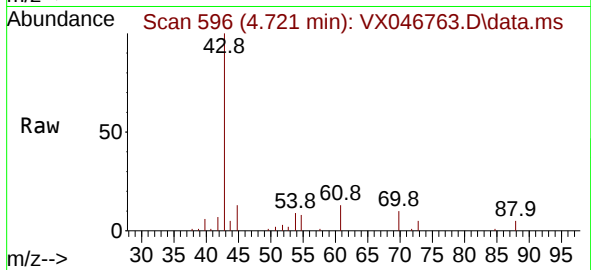
Tgt Ion: 75 Resp: 35819
Ion Ratio Lower Upper
75 100
110 36.2 17.2 51.5
77 31.6 24.2 36.4





#37
Ethyl Acetate
Concen: 17.627 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

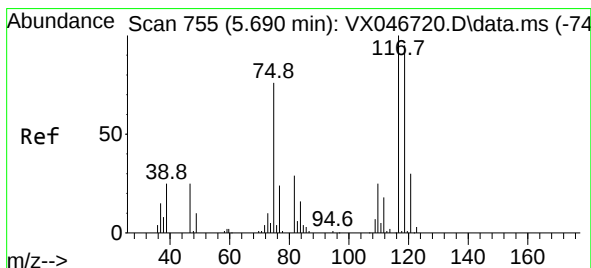
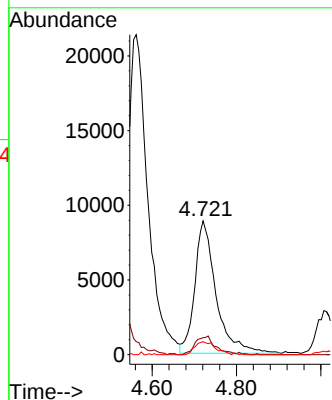
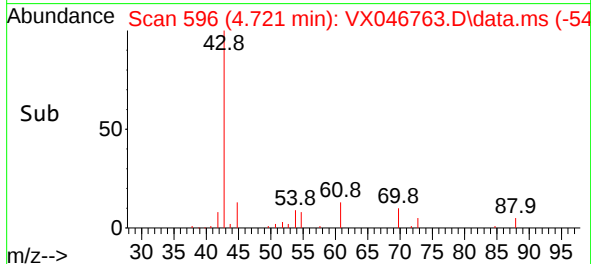
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
61 13.3 9.7 14.5
70 9.4 8.1 12.1

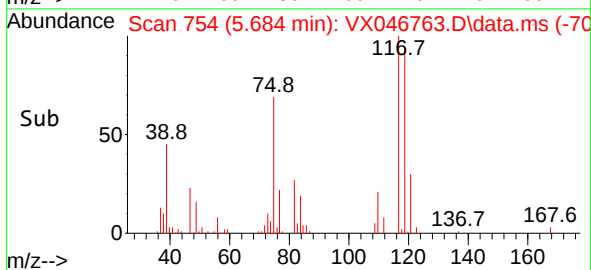
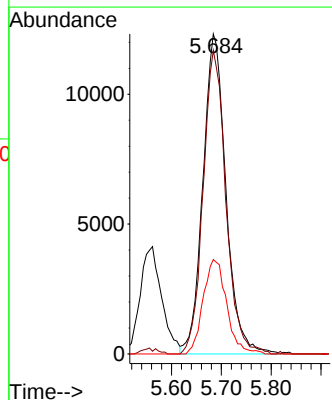
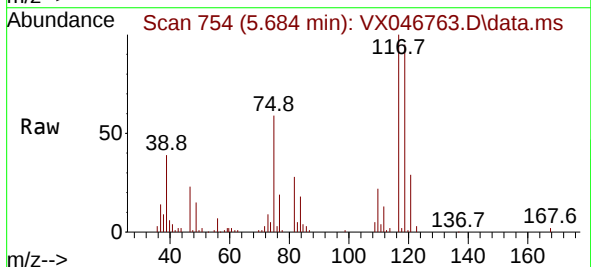
Manual Integrations
APPROVED

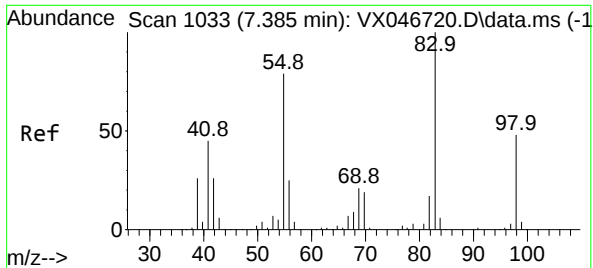
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 19.117 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

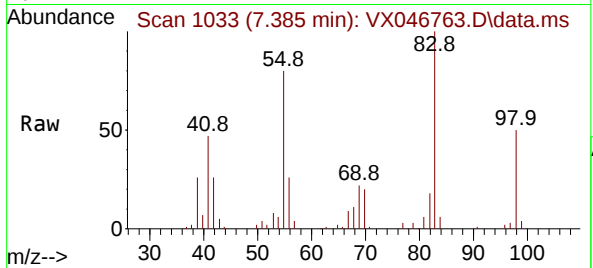
Tgt Ion:117 Resp: 39531
Ion Ratio Lower Upper
117 100
119 94.8 75.2 112.8
121 29.5 24.1 36.1





#39
Methylcyclohexane
Concen: 18.962 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

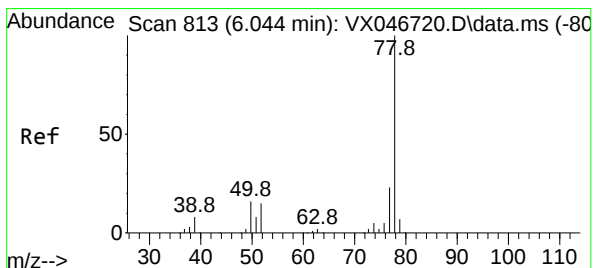
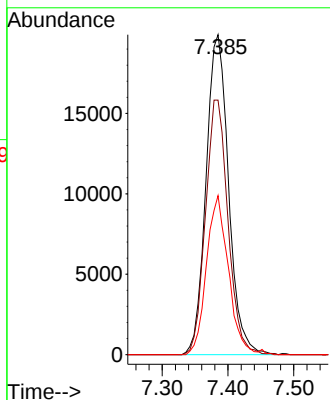
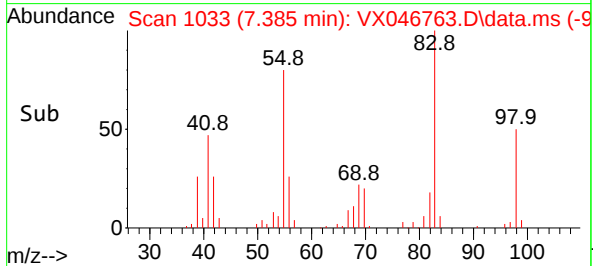
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 83 Resp: 47544
Ion Ratio Lower Upper
83 100
55 79.5 63.0 94.4
98 49.7 38.8 58.2

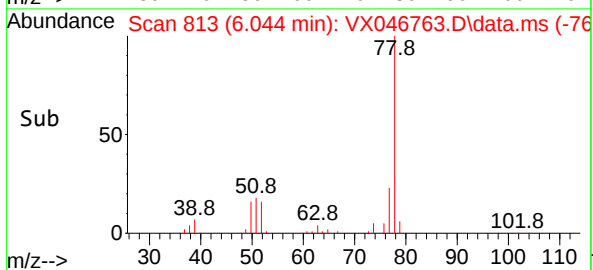
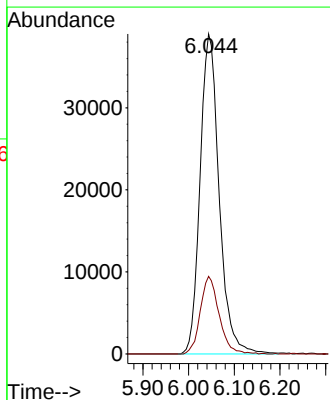
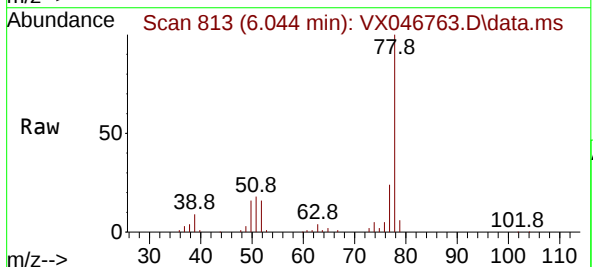
Manual Integrations
APPROVED

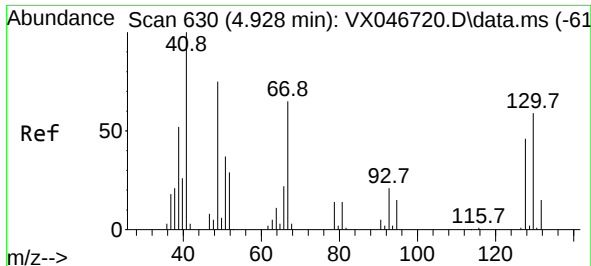
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 20.015 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

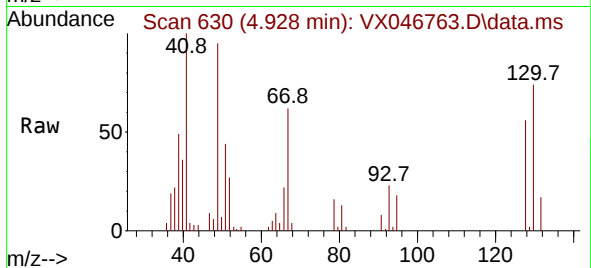
Tgt Ion: 78 Resp: 112866
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2





#41
Methacrylonitrile
Concen: 18.985 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

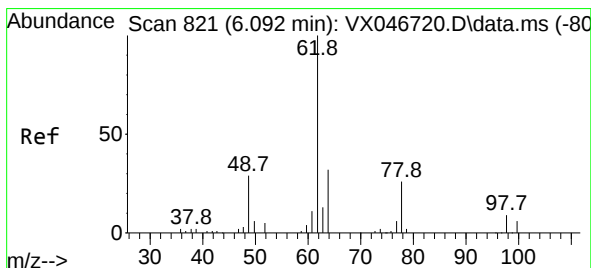
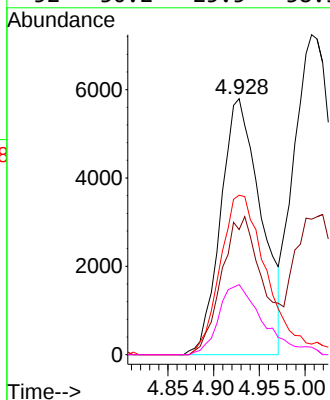
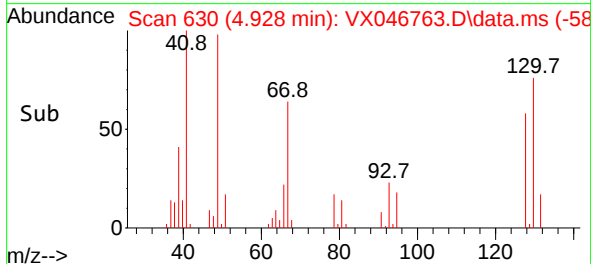
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 41 Resp: 1780
Ion Ratio Lower Upper
41 100
39 54.0 45.9 68.9
67 72.8 61.2 91.8
52 30.2 25.5 38.3

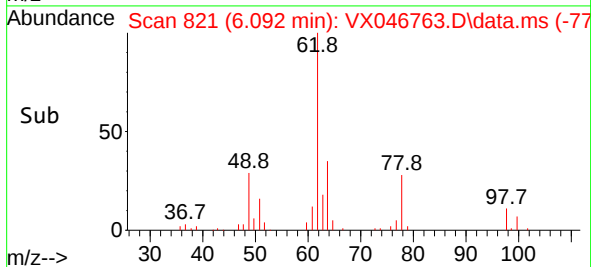
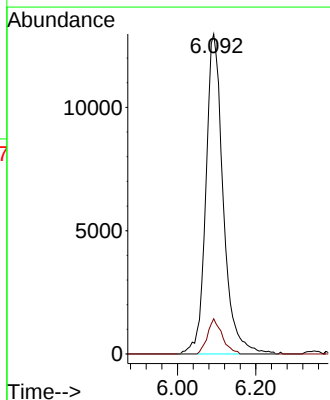
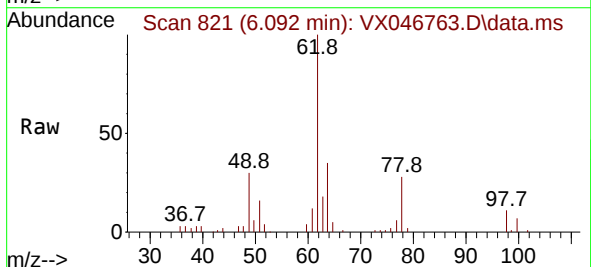
Manual Integrations
APPROVED

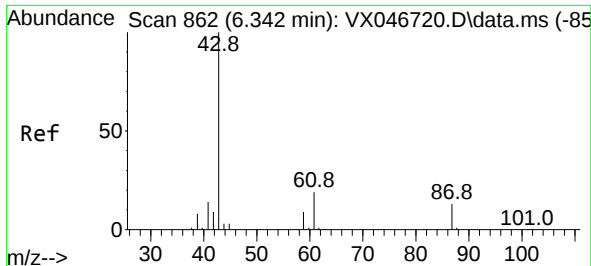
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 20.100 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

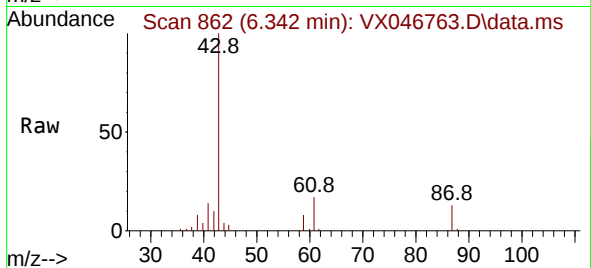
Tgt Ion: 62 Resp: 39829
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 18.463 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

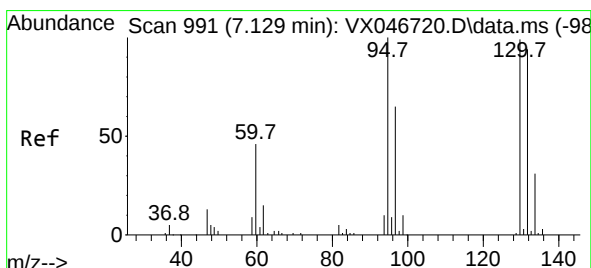
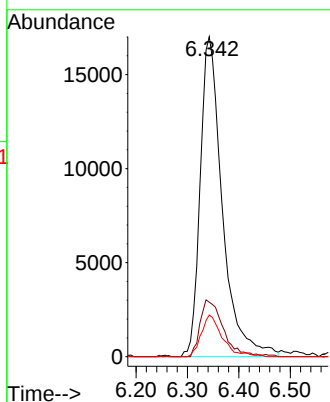
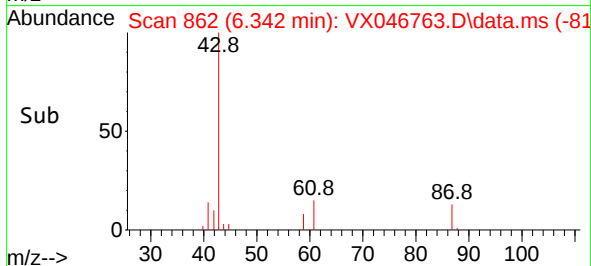
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 43 Resp: 5081
Ion Ratio Lower Upper
43 100
61 18.4 15.3 22.9
87 12.4 10.0 15.0

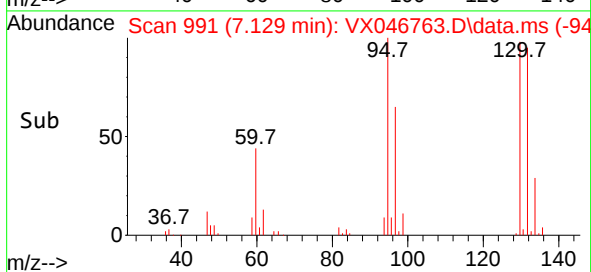
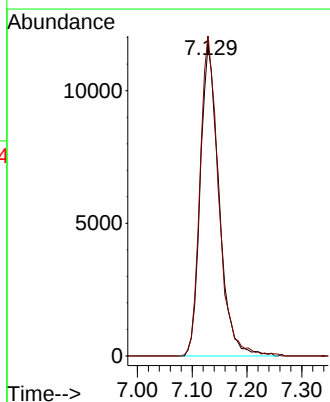
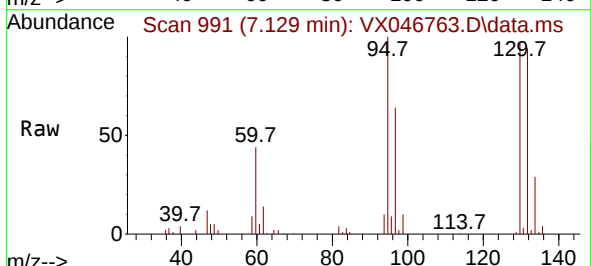
Manual Integrations
APPROVED

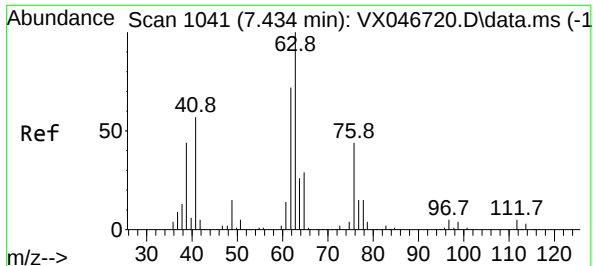
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 19.321 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion:130 Resp: 27765
Ion Ratio Lower Upper
130 100
95 112.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.276 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 63 Resp: 28330

Ion Ratio Lower Upper

63 100

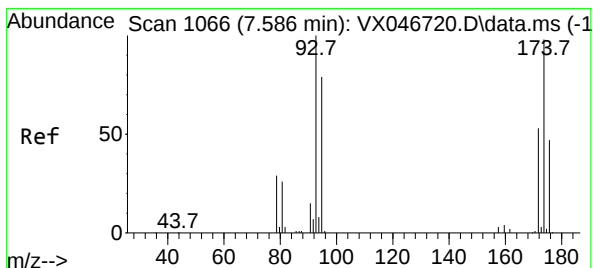
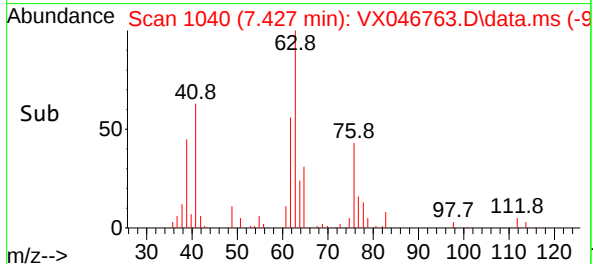
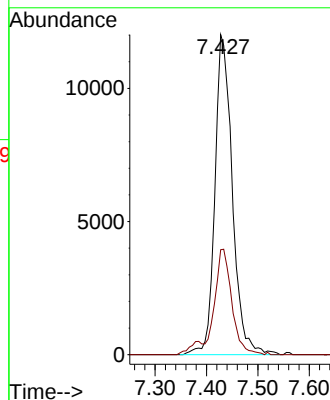
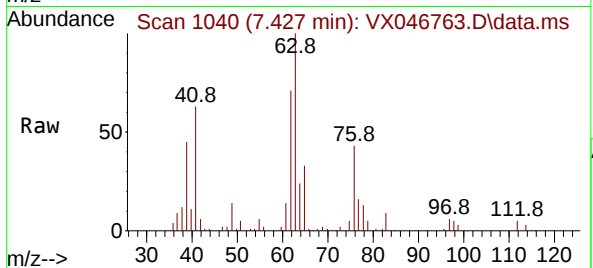
65 32.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 19.891 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

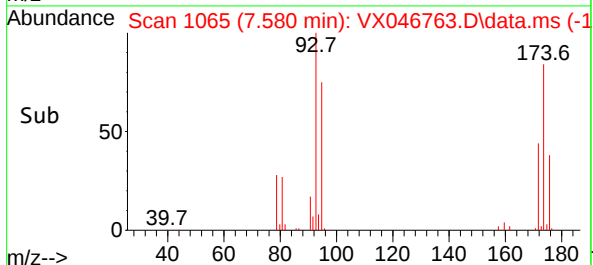
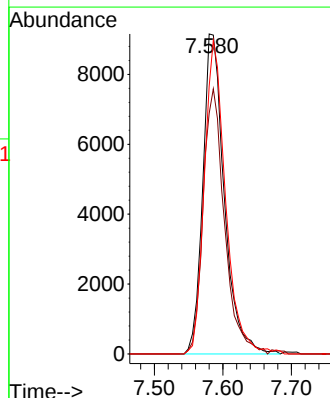
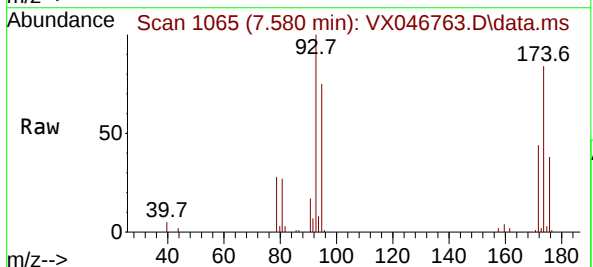
Tgt Ion: 93 Resp: 19978

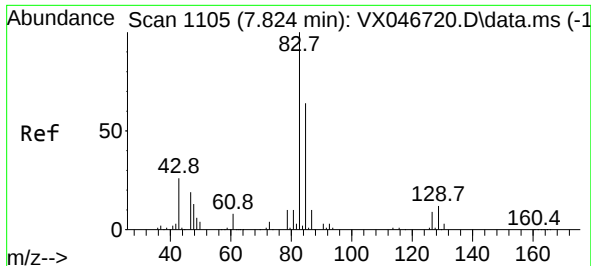
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

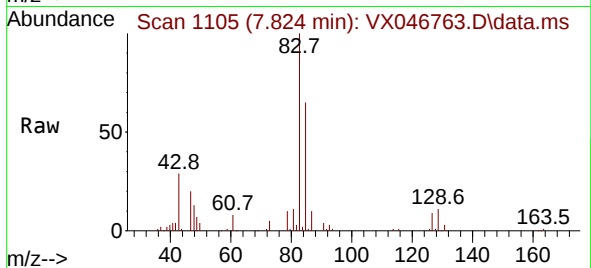
174 97.0 77.0 115.6





#47
Bromodichloromethane
Concen: 20.112 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

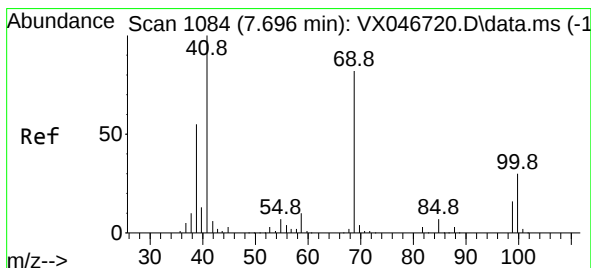
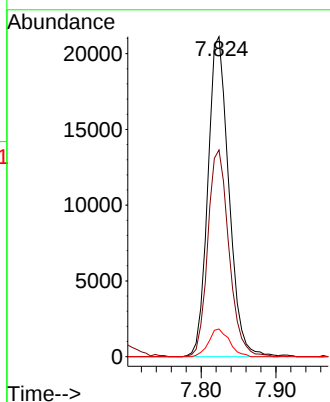
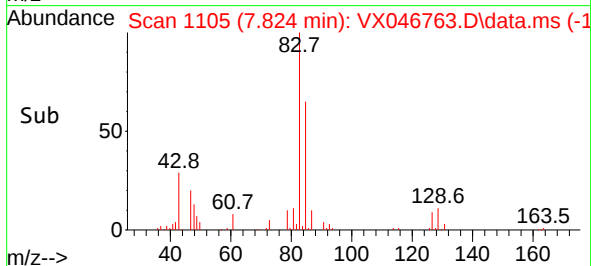
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



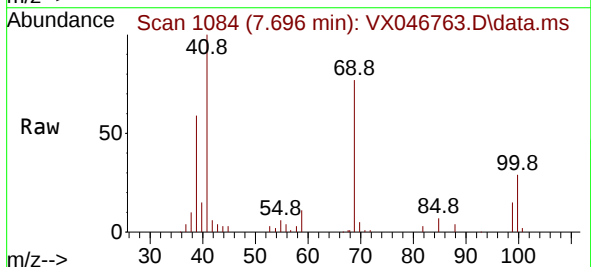
Tgt Ion: 83 Resp: 4122
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2
127 8.7 6.9 10.3

Manual Integrations
APPROVED

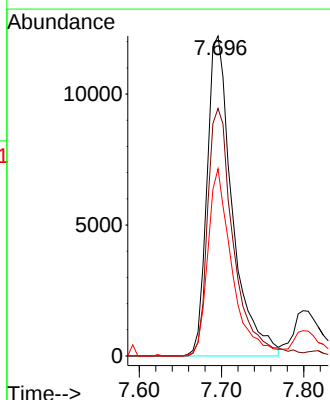
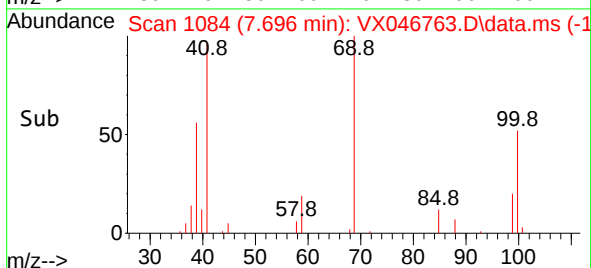
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

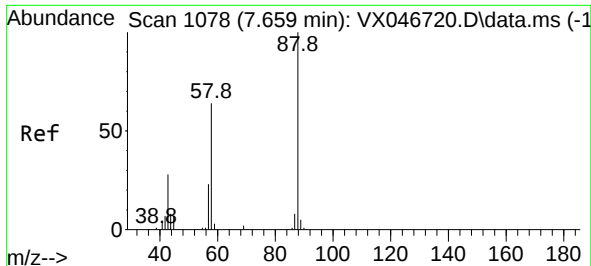


#48
Methyl methacrylate
Concen: 18.904 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



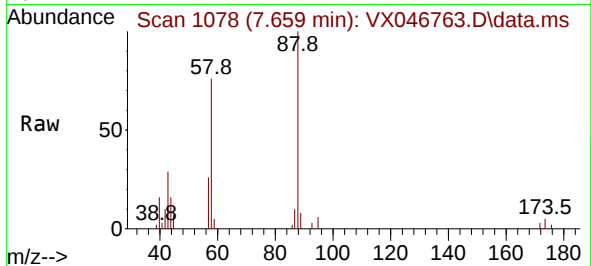
Tgt Ion: 41 Resp: 26092
Ion Ratio Lower Upper
41 100
69 79.1 63.4 95.2
39 56.2 45.4 68.0





#49
1,4-Dioxane
Concen: 321.885 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

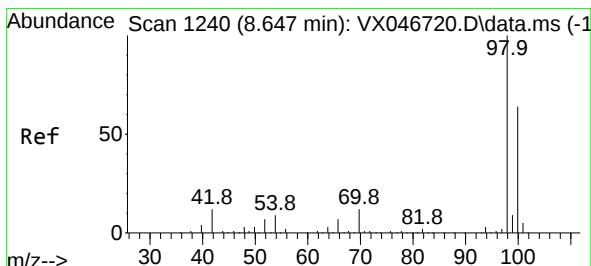
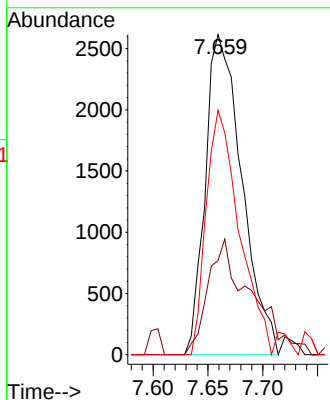
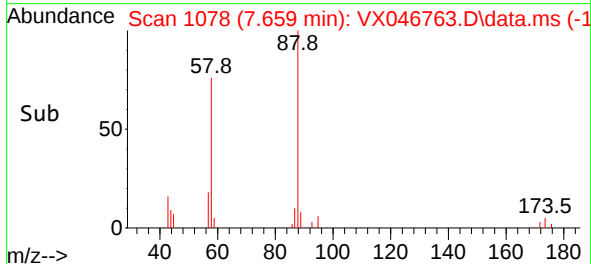
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 88 Resp: 6068
Ion Ratio Lower Upper
88 100
43 42.8 31.2 46.8
58 69.2 54.7 82.1

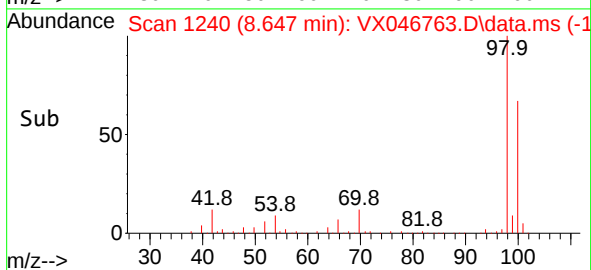
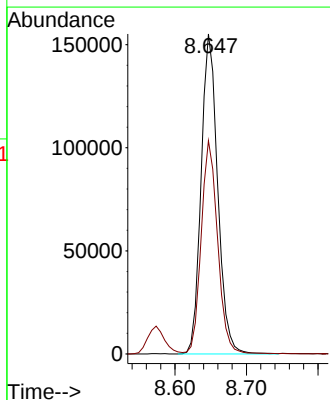
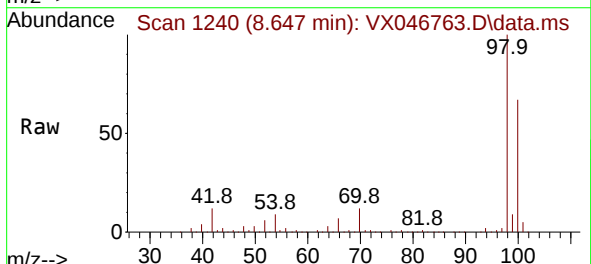
Manual Integrations
APPROVED

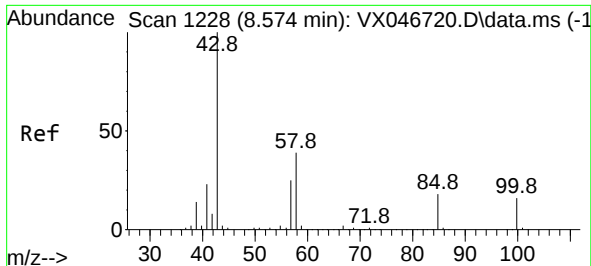
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 52.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

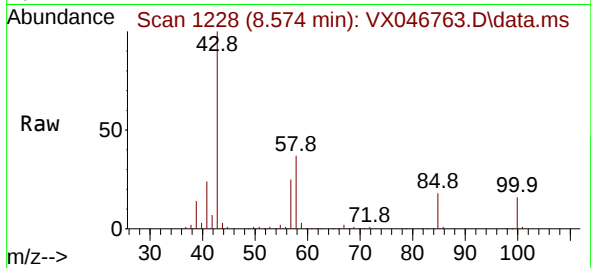
Tgt Ion: 98 Resp: 249730
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 91.811 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

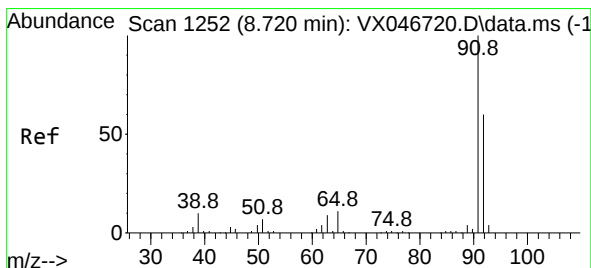
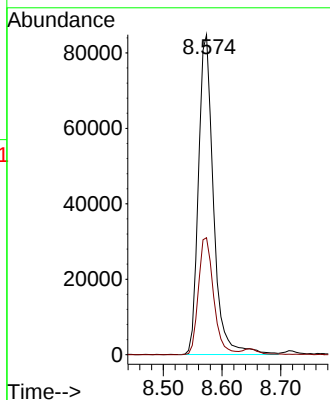
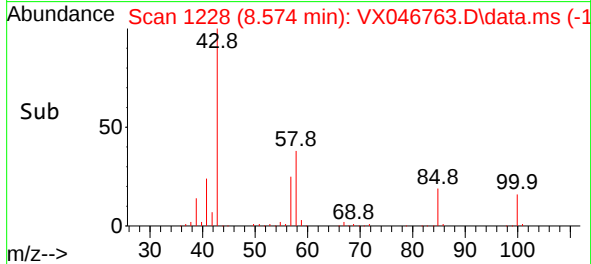
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 43 Resp: 150700
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2

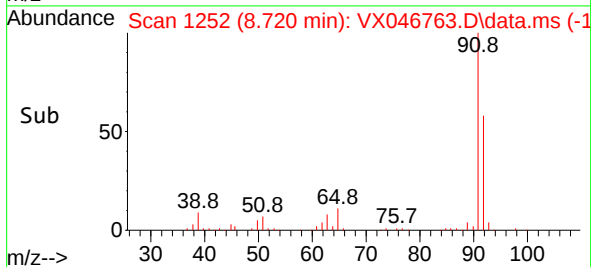
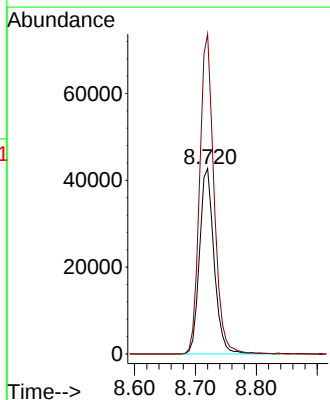
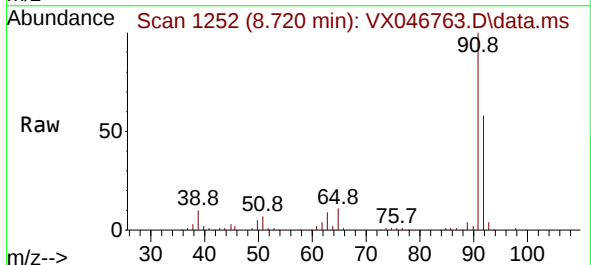
Manual Integrations
APPROVED

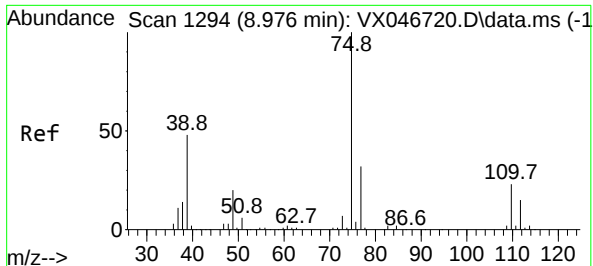
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 20.310 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 92 Resp: 70998
Ion Ratio Lower Upper
92 100
91 170.3 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 19.536 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 75 Resp: 3715

Ion Ratio Lower Upper

75 100

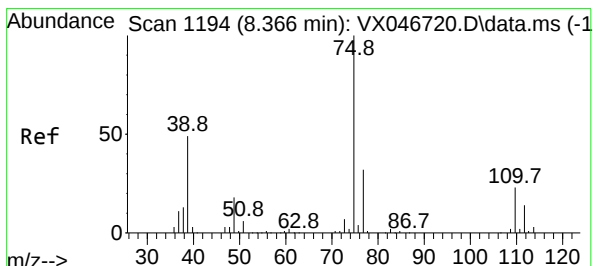
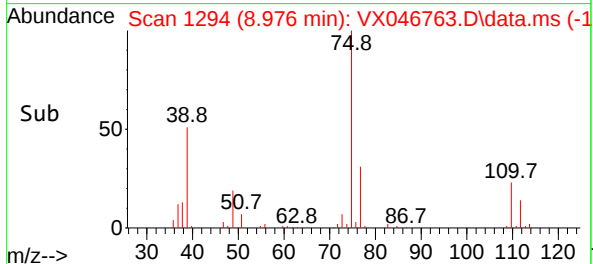
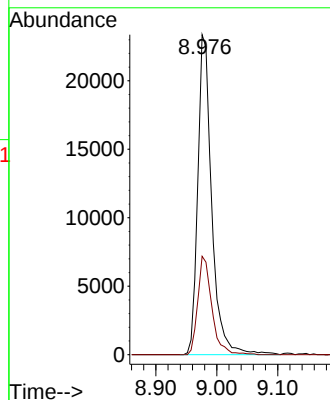
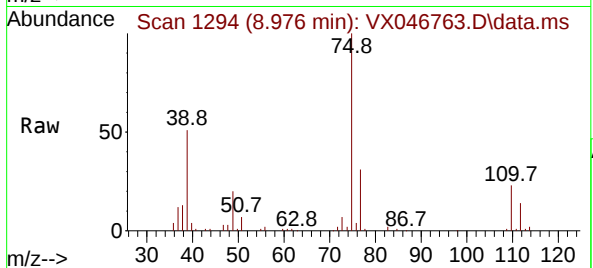
77 30.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#54

cis-1,3-Dichloropropene

Concen: 19.939 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

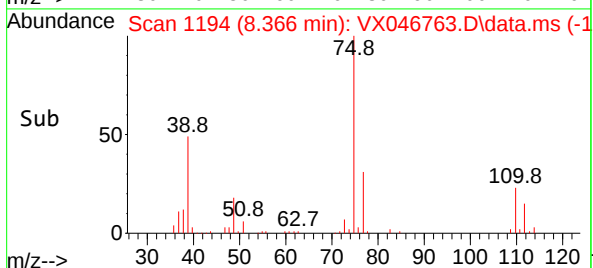
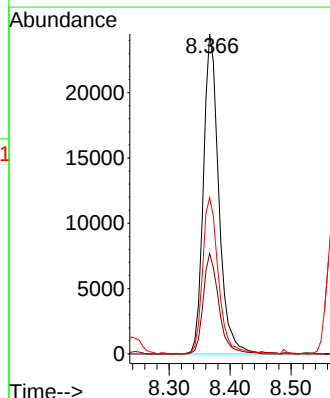
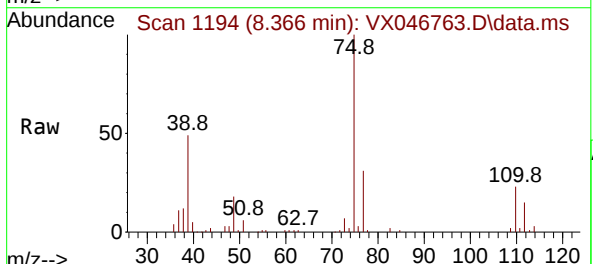
Tgt Ion: 75 Resp: 43044

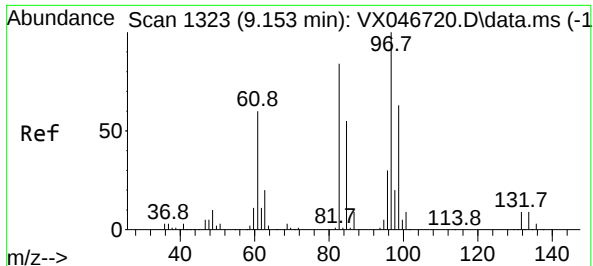
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 48.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.409 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 97 Resp: 2658

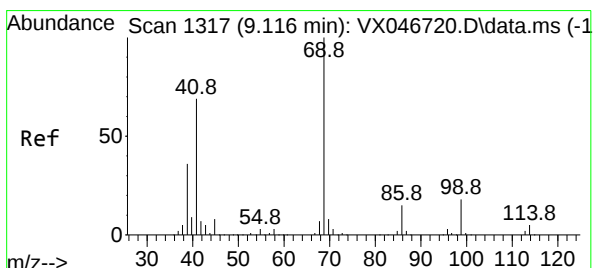
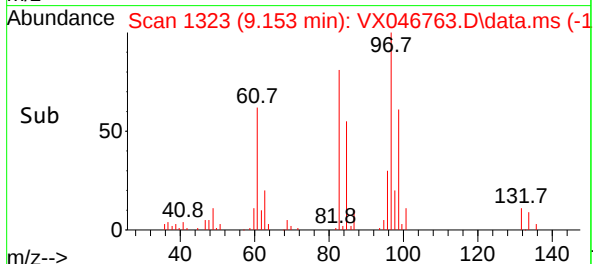
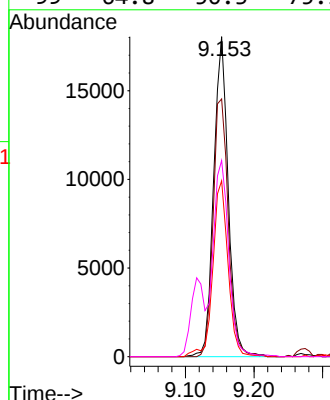
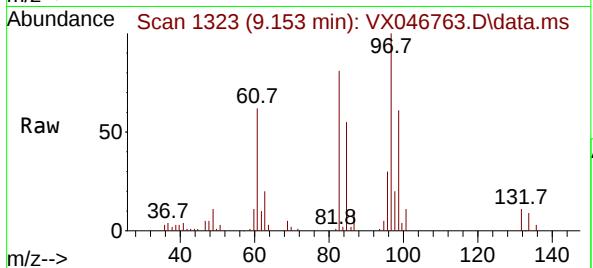
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.2	100.8
85	55.0	44.1	66.1
99	64.8	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#56

Ethyl methacrylate

Concen: 18.636 ug/l

RT: 9.116 min Scan# 1317

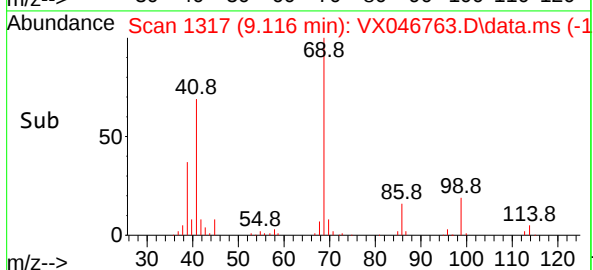
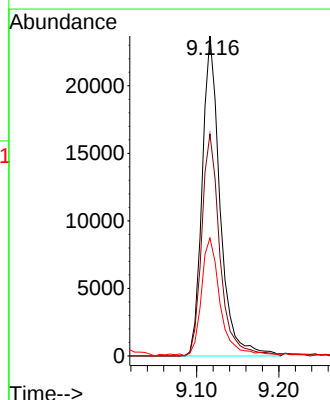
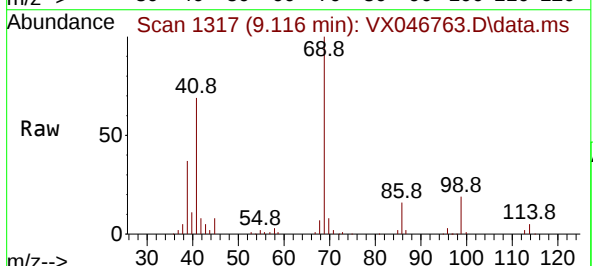
Delta R.T. -0.000 min

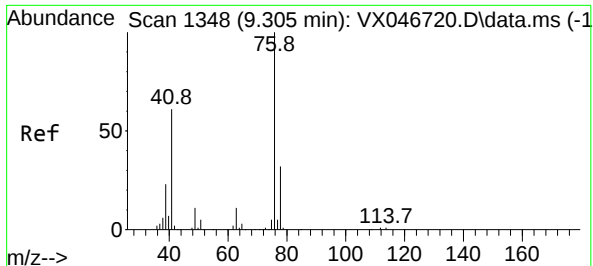
Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Tgt Ion: 69 Resp: 35838

Ion	Ratio	Lower	Upper
69	100		
41	71.4	55.4	83.2
39	38.8	29.7	44.5





#57

1,3-Dichloropropane

Concen: 20.277 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 76 Resp: 45490

Ion Ratio Lower Upper

76 100

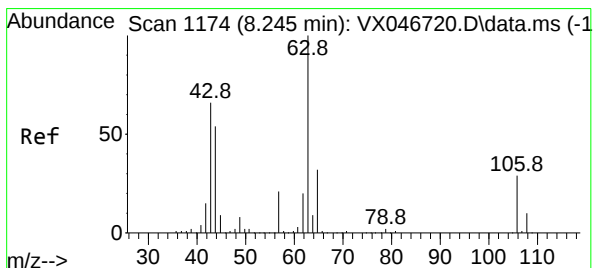
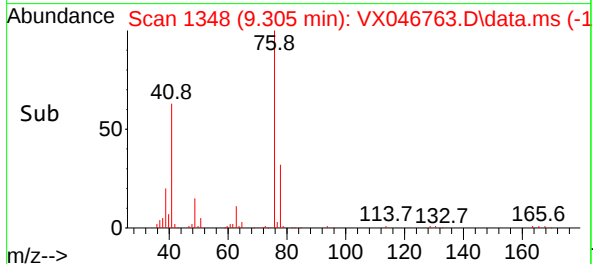
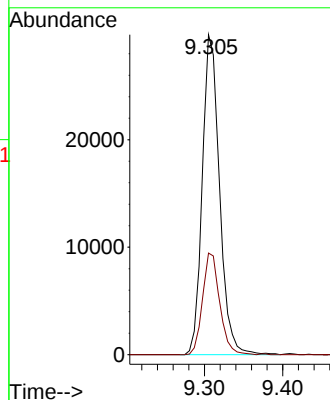
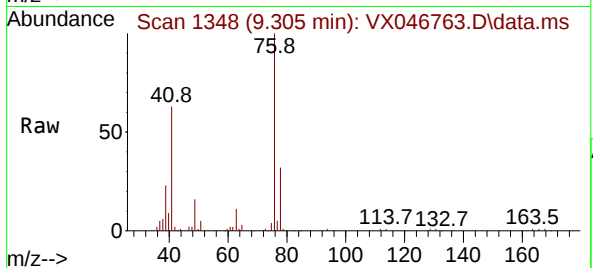
78 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.344 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046763.D

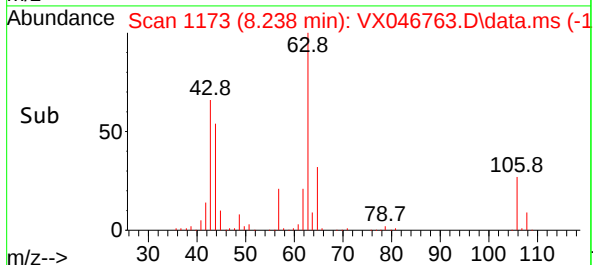
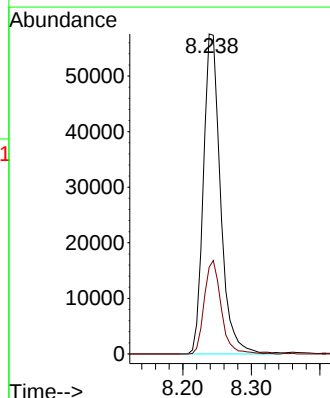
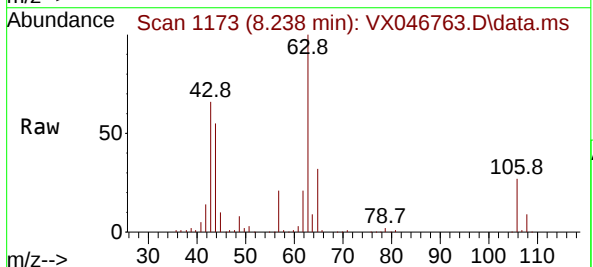
Acq: 19 Jun 2025 11:51

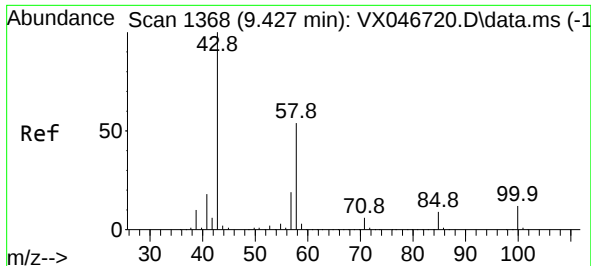
Tgt Ion: 63 Resp: 100239

Ion Ratio Lower Upper

63 100

106 28.8 22.6 34.0





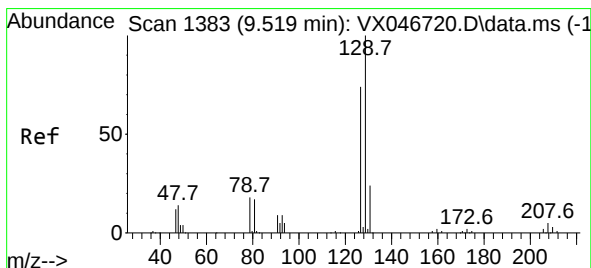
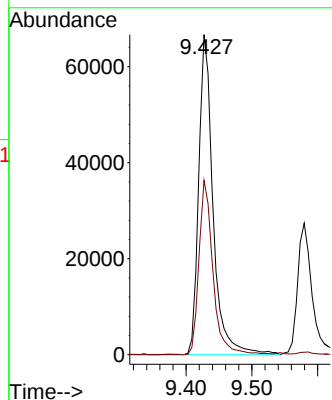
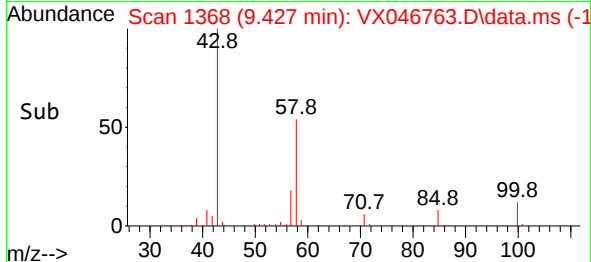
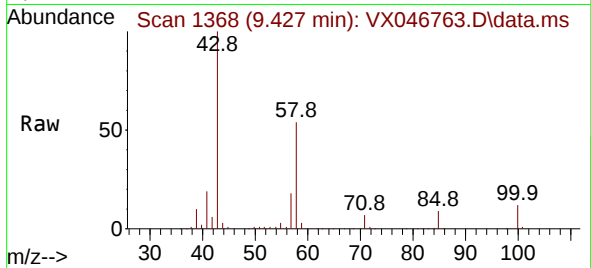
#59
2-Hexanone
Concen: 88.846 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion: 43 Resp: 100820
Ion Ratio Lower Upper
43 100
58 53.3 26.8 80.4

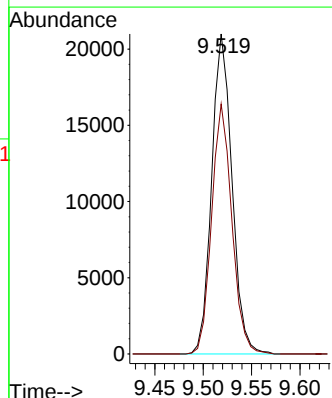
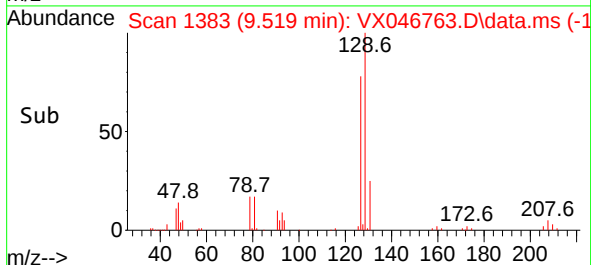
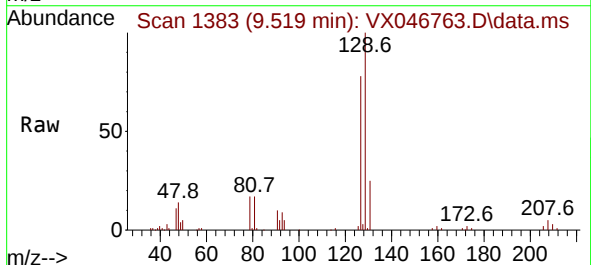
Manual Integrations
APPROVED

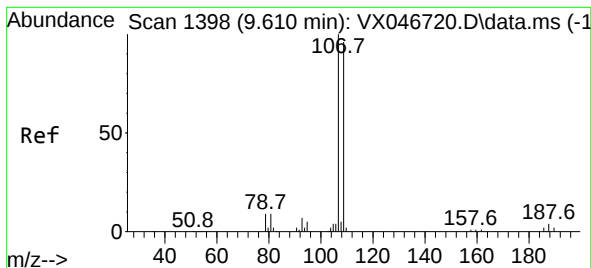
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 19.947 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

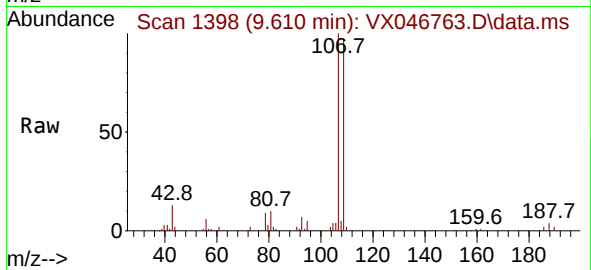
Tgt Ion:129 Resp: 30624
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 20.084 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

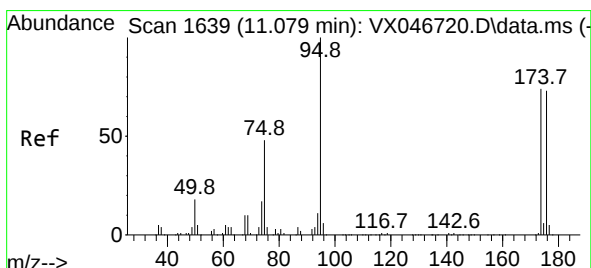
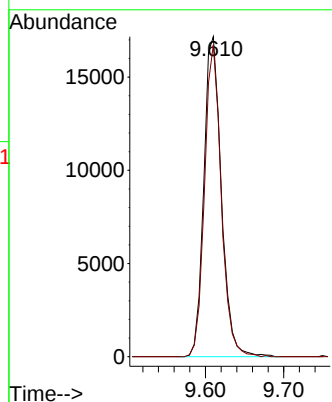
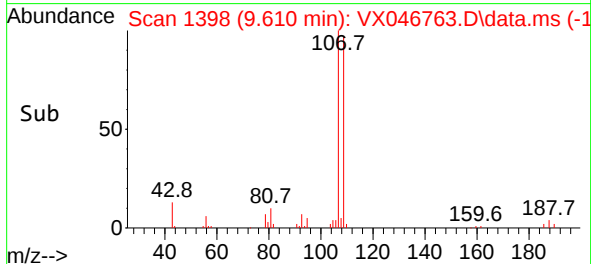
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion:107 Resp: 26614
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.6

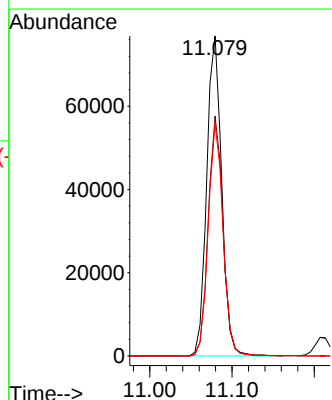
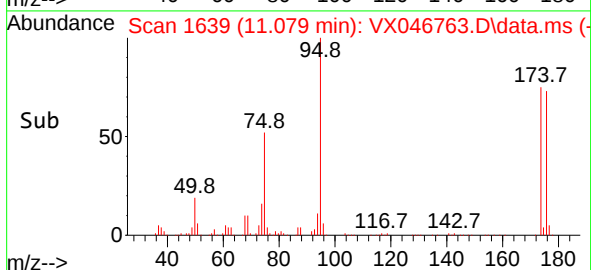
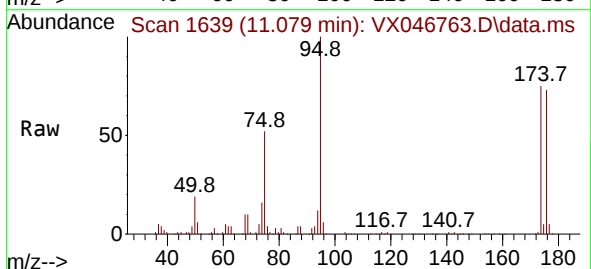
Manual Integrations
APPROVED

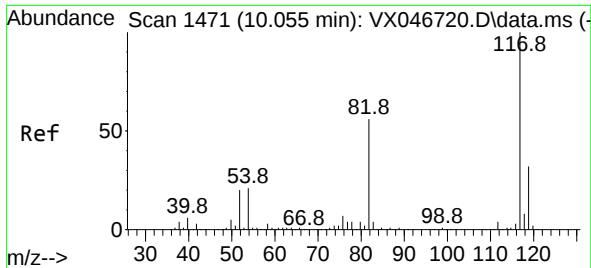
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 54.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

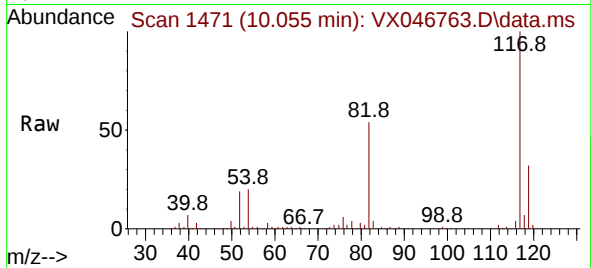
Tgt Ion: 95 Resp: 97074
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.4
176 71.8 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

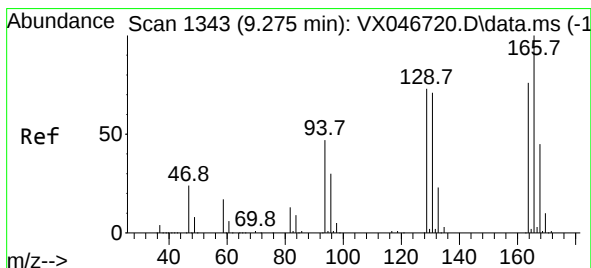
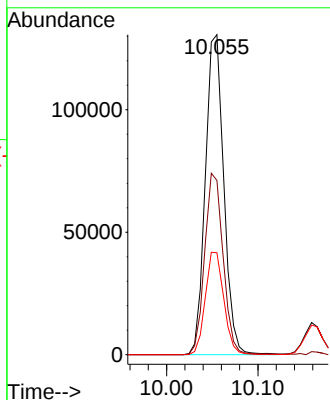
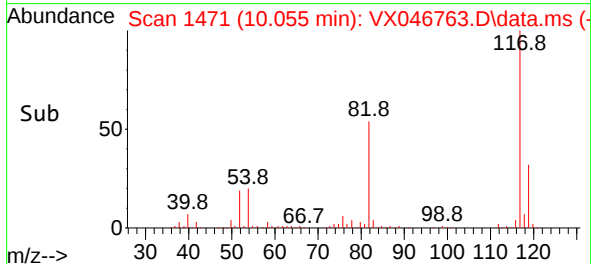
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion:117 Resp: 18380
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 31.9 25.8 38.8

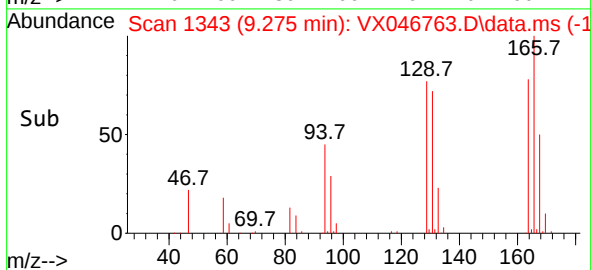
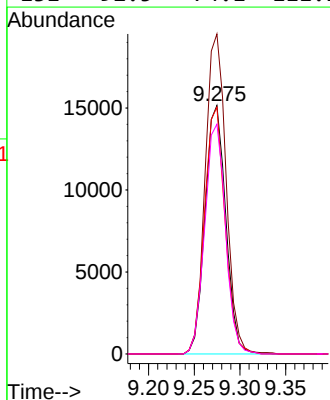
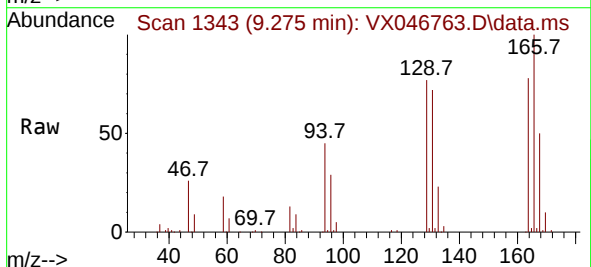
Manual Integrations
APPROVED

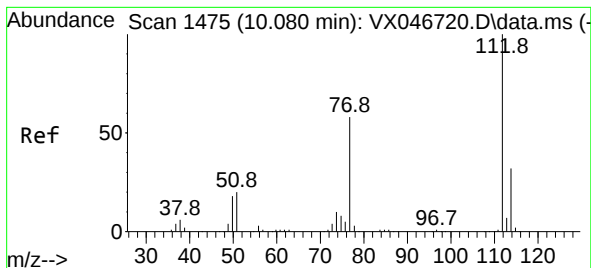
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 18.778 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion:164 Resp: 23913
Ion Ratio Lower Upper
164 100
166 128.8 104.6 157.0
129 99.3 76.3 114.5
131 92.5 74.1 111.1





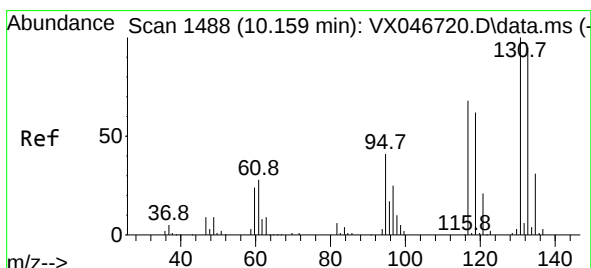
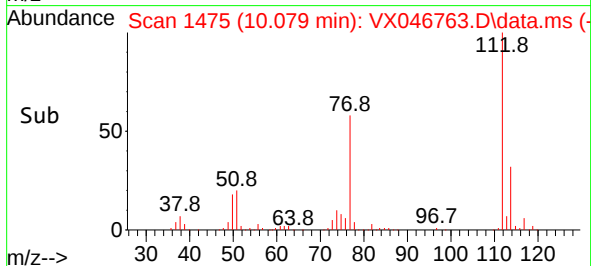
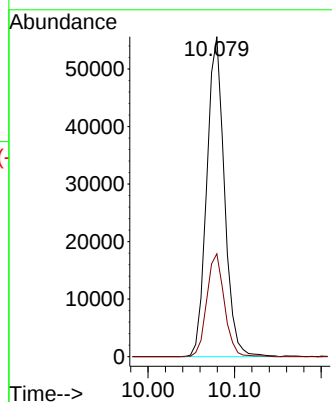
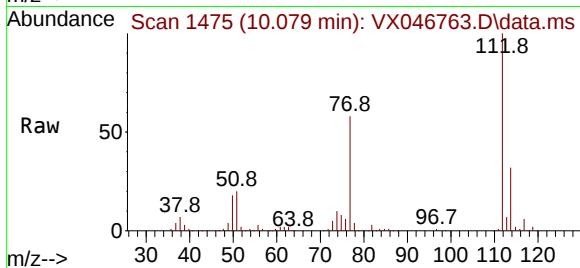
#65
Chlorobenzene
Concen: 19.421 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion:112 Resp: 7880
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

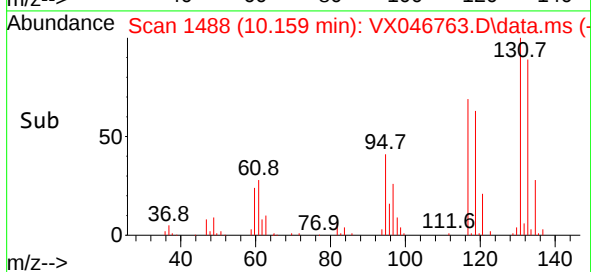
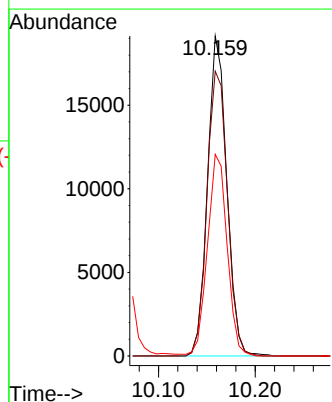
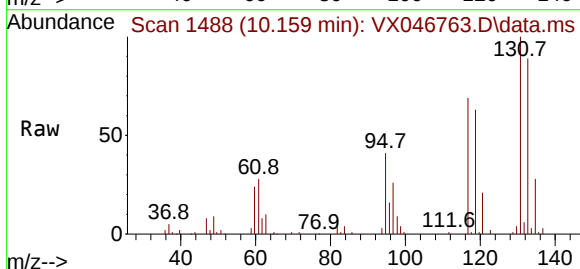
Manual Integrations
APPROVED

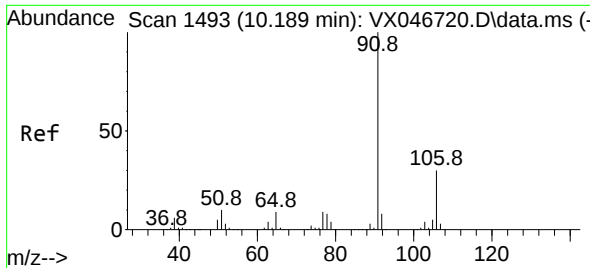
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.449 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion:131 Resp: 26522
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 64.3 32.1 96.3





#67

Ethyl Benzene

Concen: 19.141 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

Tgt Ion: 91 Resp: 135702

Ion Ratio Lower Upper

91 100

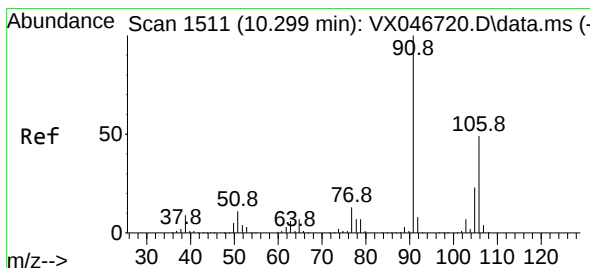
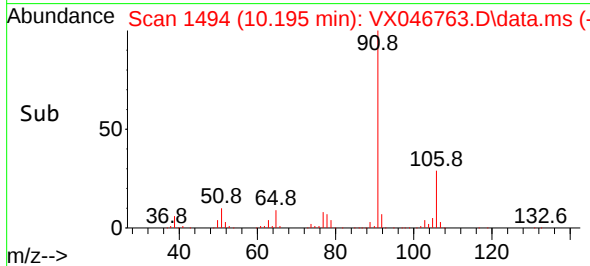
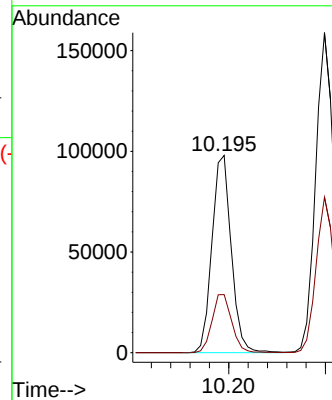
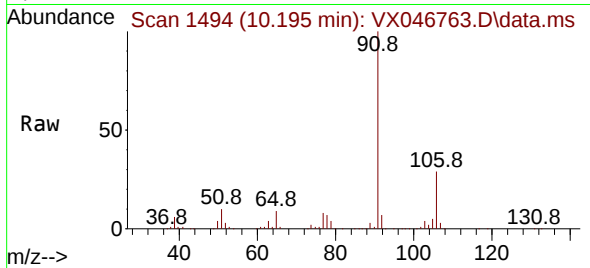
106 29.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#68

m/p-Xylenes

Concen: 38.810 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046763.D

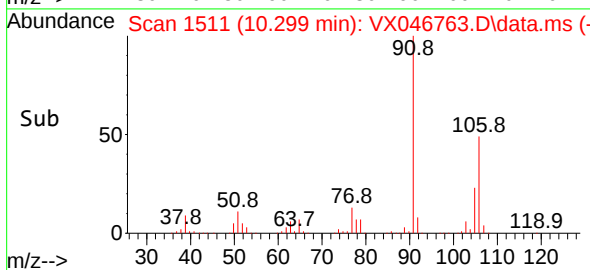
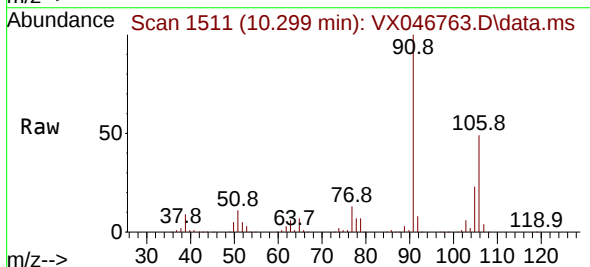
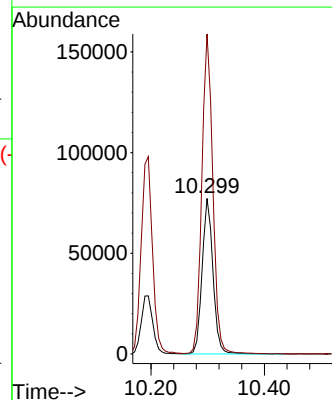
Acq: 19 Jun 2025 11:51

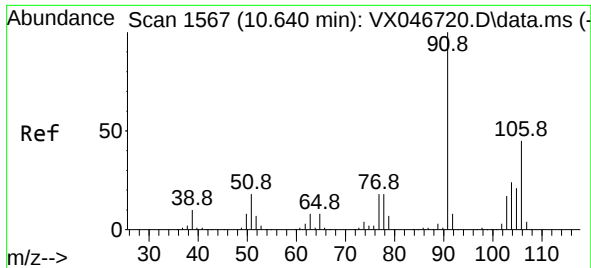
Tgt Ion:106 Resp: 102519

Ion Ratio Lower Upper

106 100

91 208.3 164.8 247.2





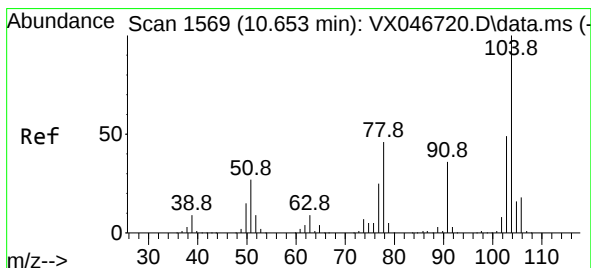
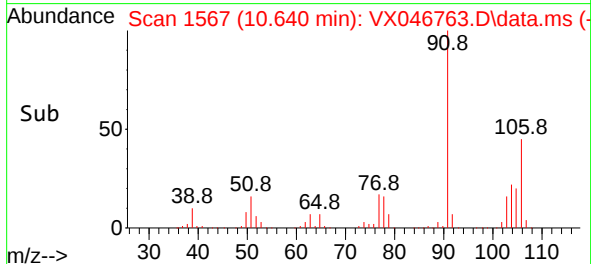
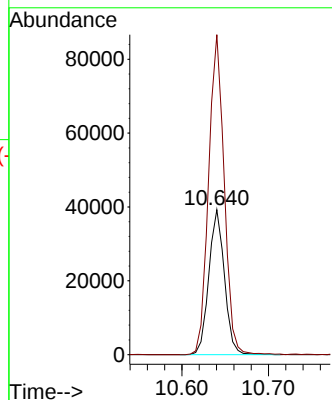
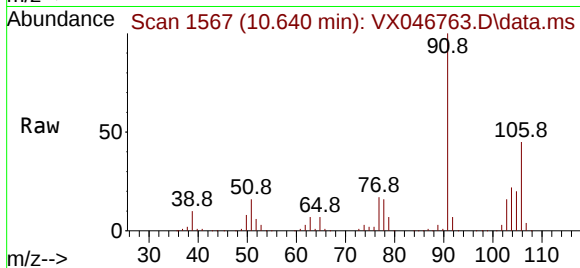
#69
o-Xylene
Concen: 19.820 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion:106 Resp: 49068
Ion Ratio Lower Upper
106 100
91 221.1 111.3 333.9

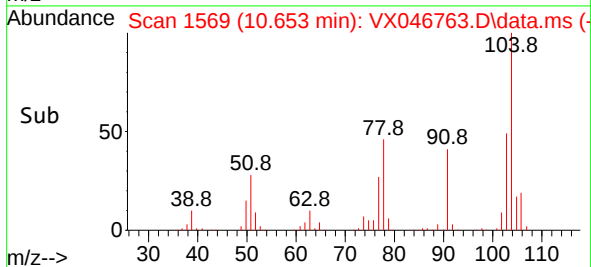
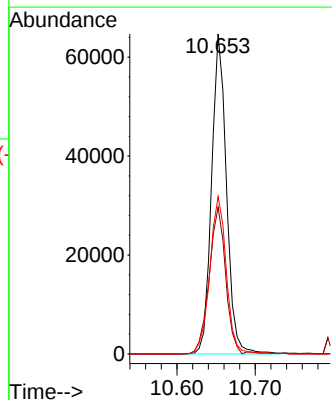
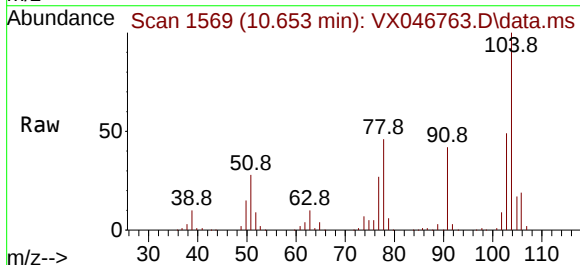
Manual Integrations
APPROVED

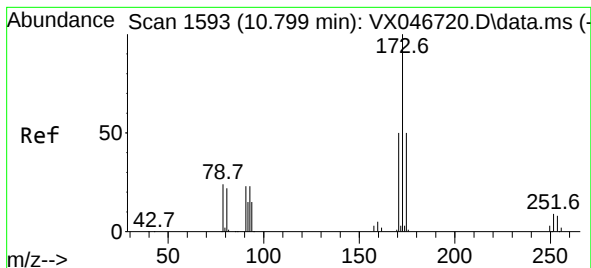
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 19.696 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion:104 Resp: 85333
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.2
103 55.0 43.1 64.7





#71

Bromoform

Concen: 18.418 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

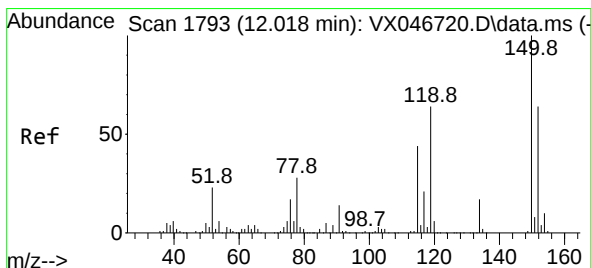
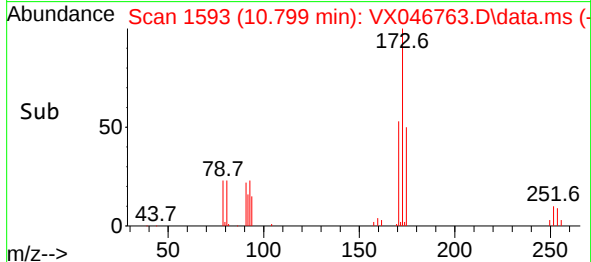
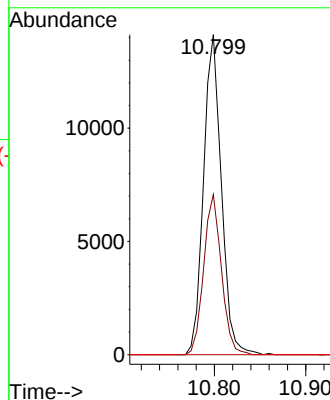
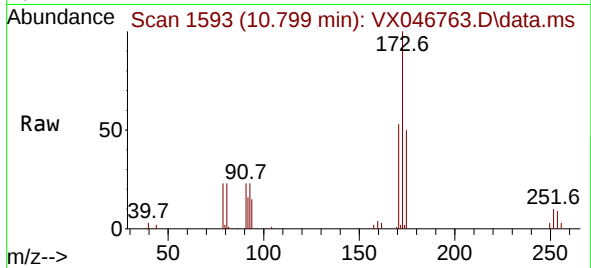
Tgt Ion:173	Resp:	1912
Ion Ratio	Lower	Upper
173	100	
175	49.8	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

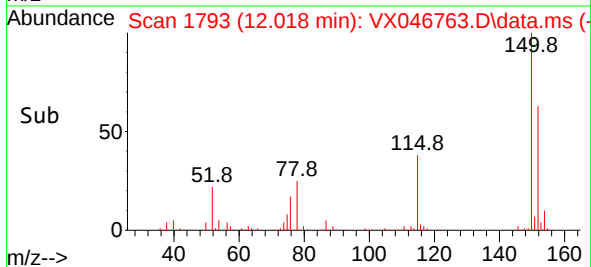
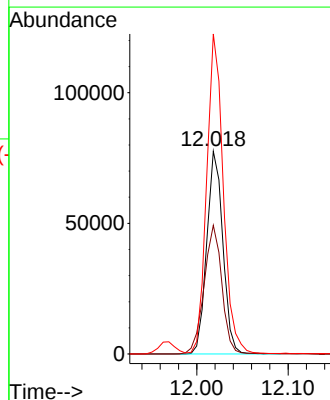
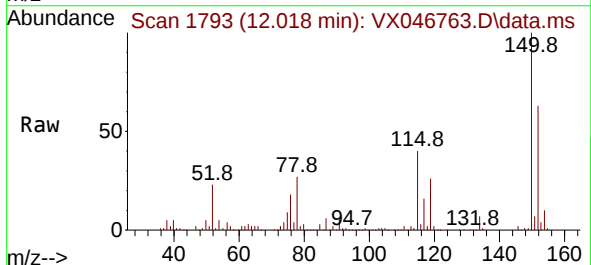
RT: 12.018 min Scan# 1793

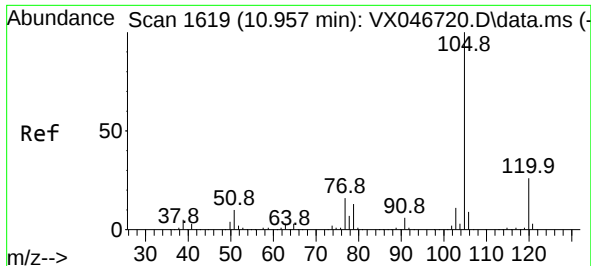
Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Tgt Ion:152	Resp:	94851
Ion Ratio	Lower	Upper
152	100	
115	70.0	43.2 129.6
150	162.0	0.0 346.8





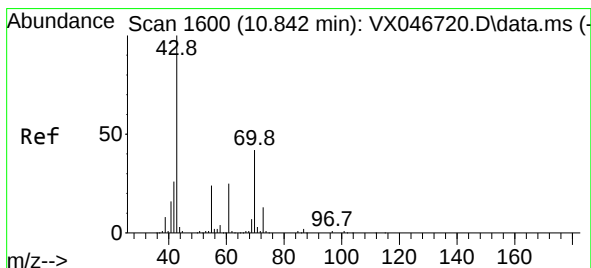
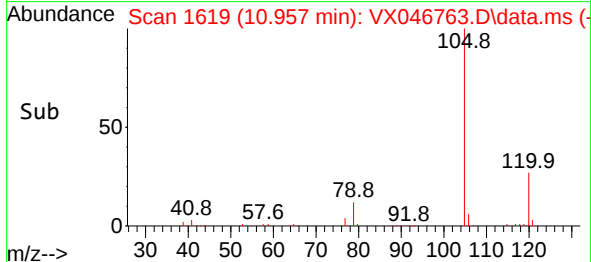
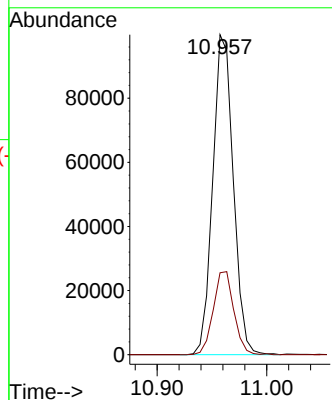
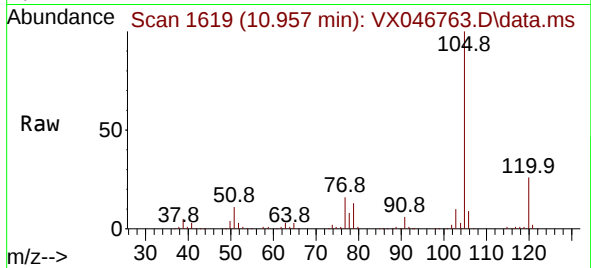
#73
Isopropylbenzene
Concen: 18.592 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion:105 Resp: 12988
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

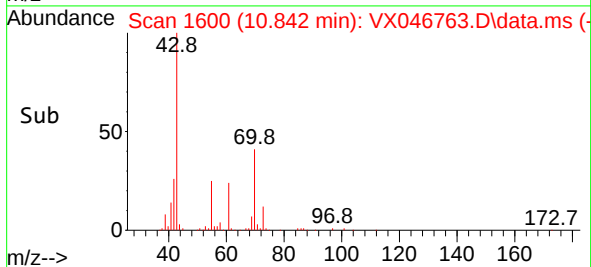
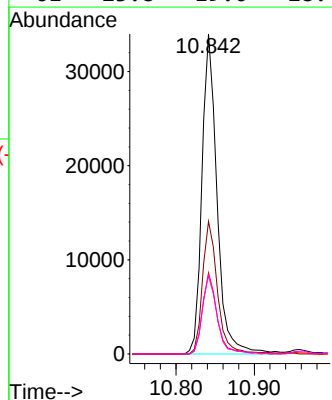
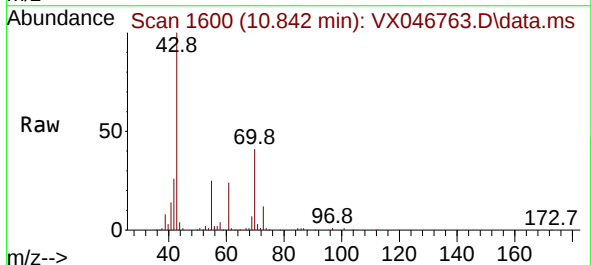
Manual Integrations
APPROVED

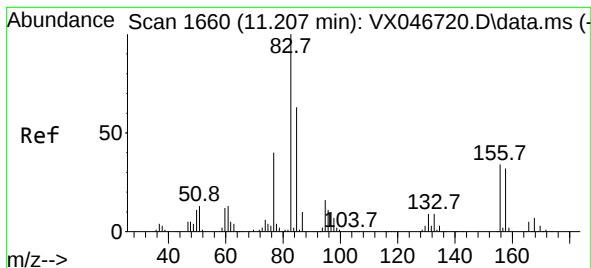
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#74
N-ethyl acetate
Concen: 17.214 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 43 Resp: 45562
Ion Ratio Lower Upper
43 100
70 41.4 33.4 50.0
55 24.6 19.1 28.7
61 23.8 19.0 28.4





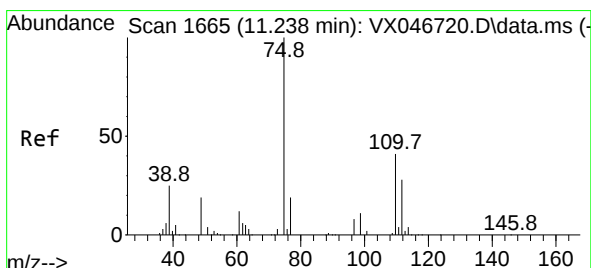
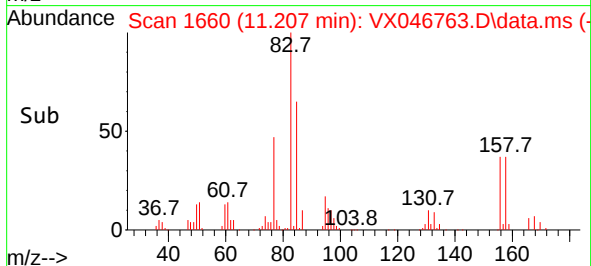
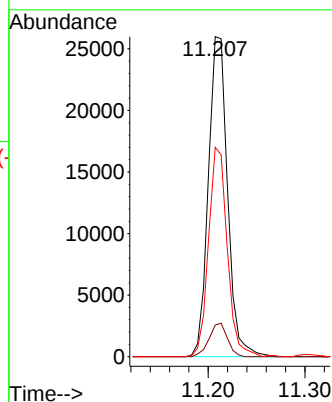
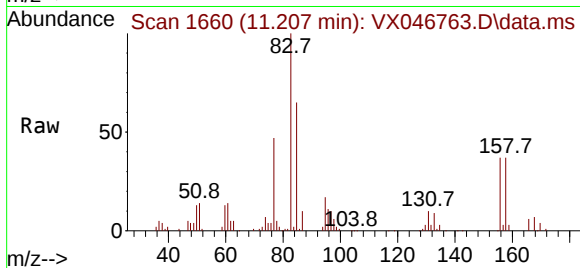
#75
1,1,2,2-Tetrachloroethane
Concen: 18.425 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion: 83 Resp: 35939
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 63.9 32.0 96.0

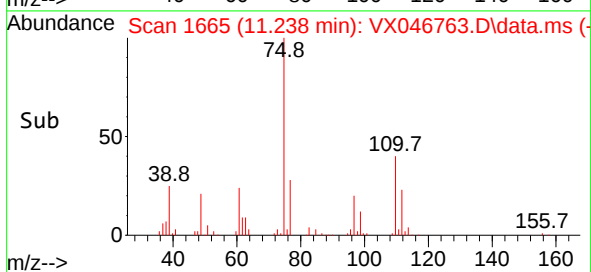
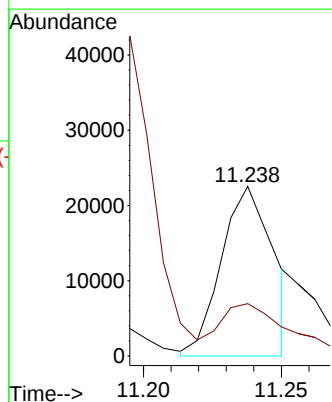
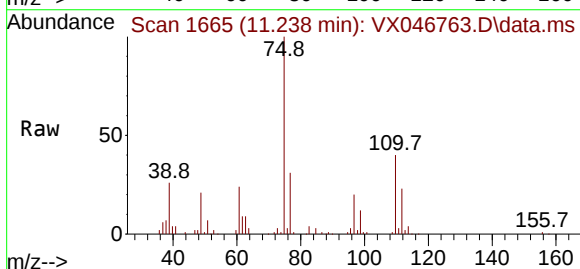
Manual Integrations
APPROVED

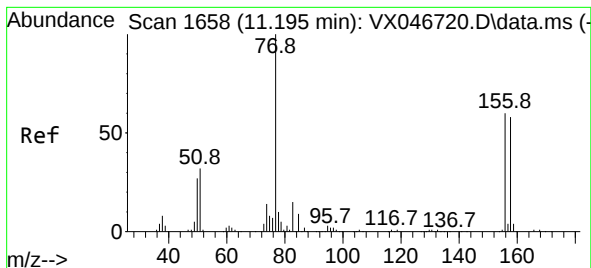
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 16.867 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Tgt Ion: 75 Resp: 29301
Ion Ratio Lower Upper
75 100
77 41.0 18.5 55.5





#77

Bromobenzene

Concen: 18.976 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBSD01

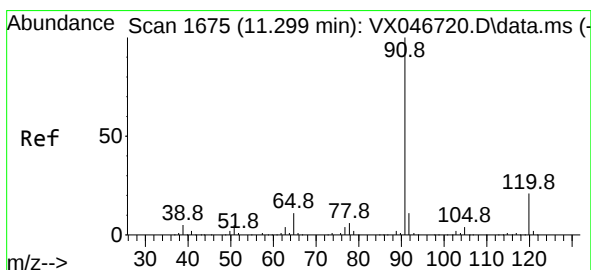
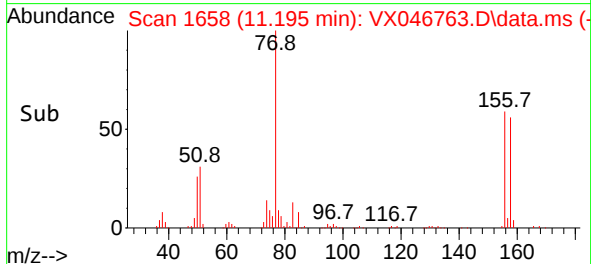
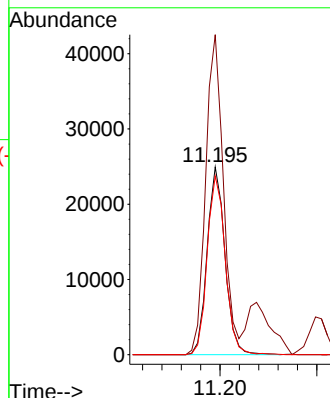
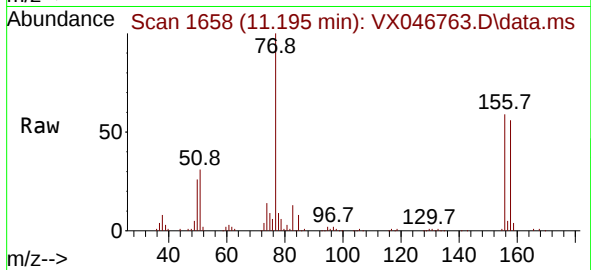
Tgt Ion:	156	Resp:	3189
Ion Ratio	Lower	Upper	
156	100		
77	169.0	82.8	248.6
158	96.8	47.6	142.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#78

n-propylbenzene

Concen: 18.803 ug/l

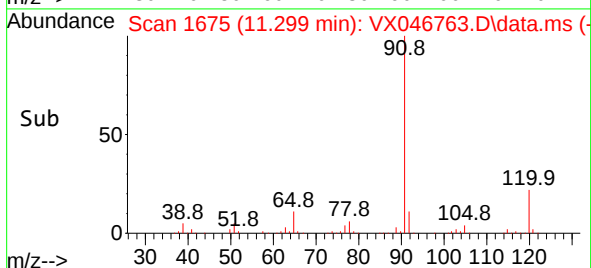
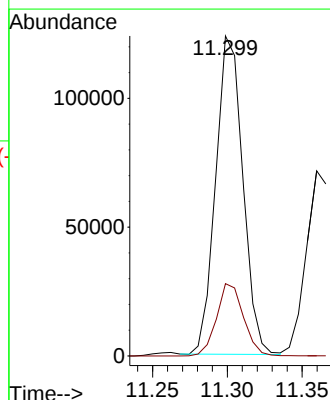
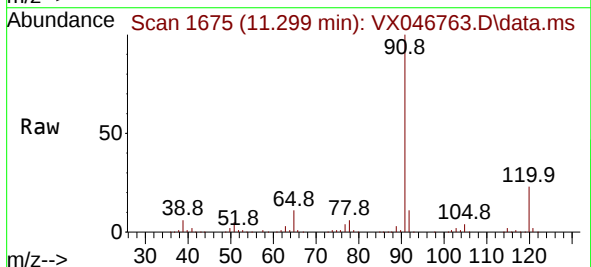
RT: 11.299 min Scan# 1675

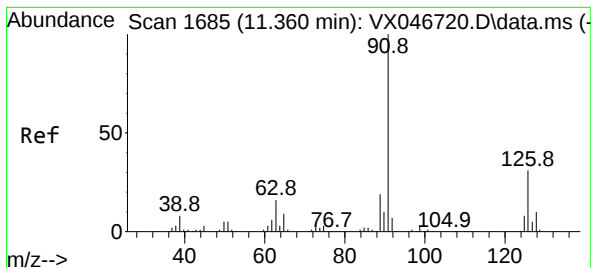
Delta R.T. -0.000 min

Lab File: VX046763.D

Acq: 19 Jun 2025 11:51

Tgt Ion:	91	Resp:	156018
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.1





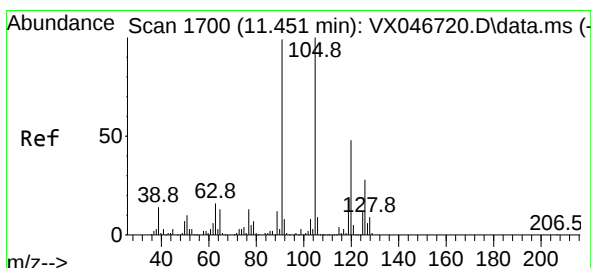
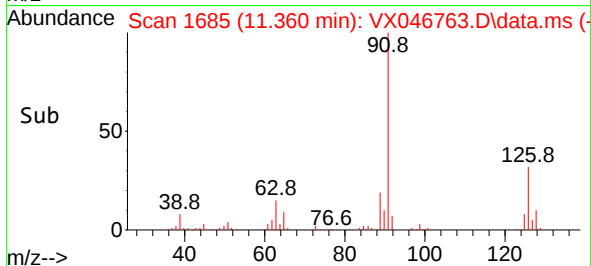
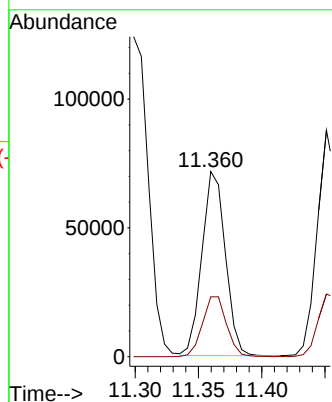
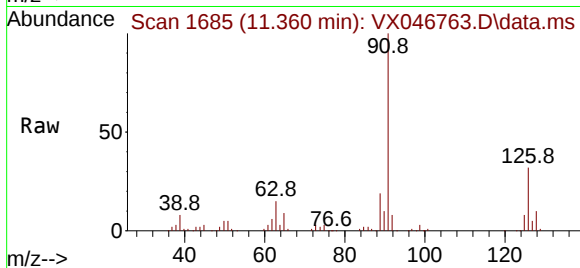
#79
2-Chlorotoluene
Concen: 18.633 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Tgt Ion: 91 Resp: 92310
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

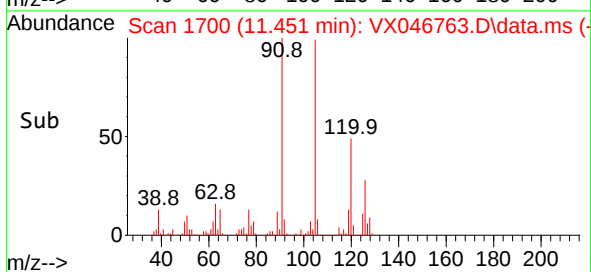
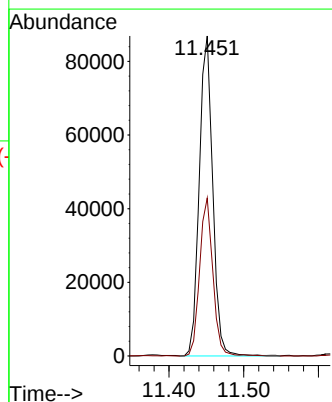
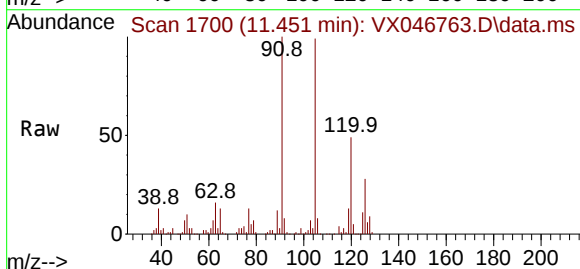
Manual Integrations
APPROVED

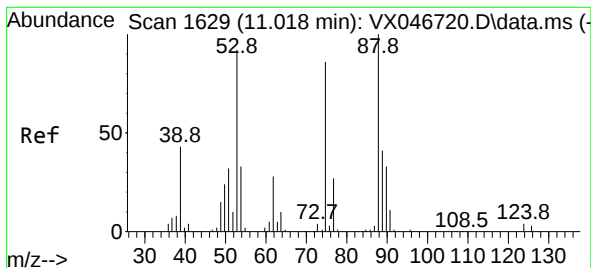
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

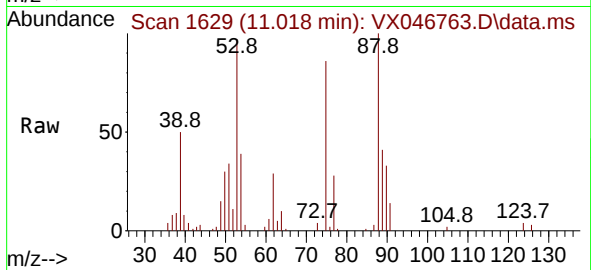
Tgt Ion:105 Resp: 108639
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

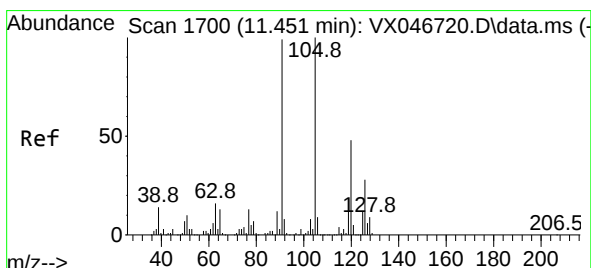
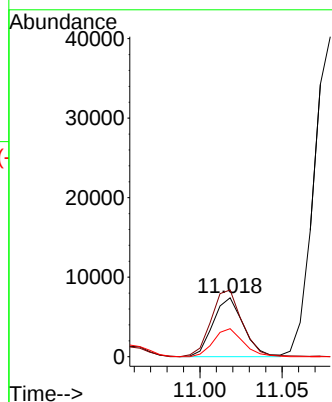
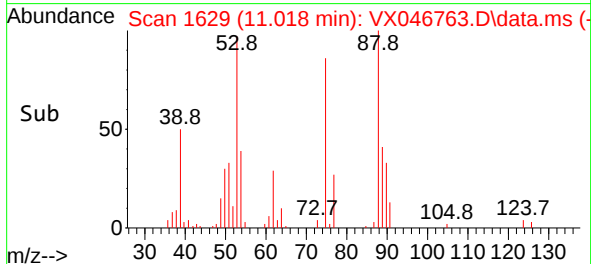
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 75 Resp: 956
Ion Ratio Lower Upper
75 100
53 116.3 86.8 130.2
89 46.3 36.9 55.3

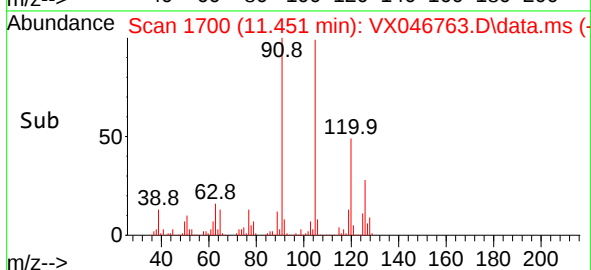
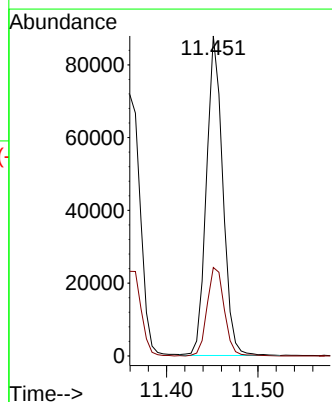
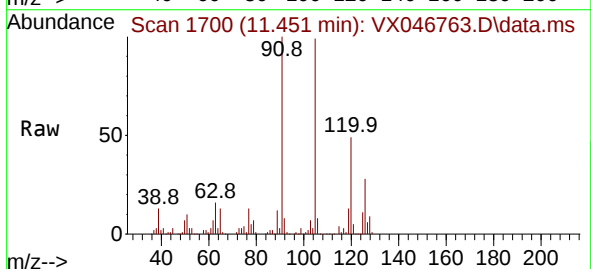
Manual Integrations
APPROVED

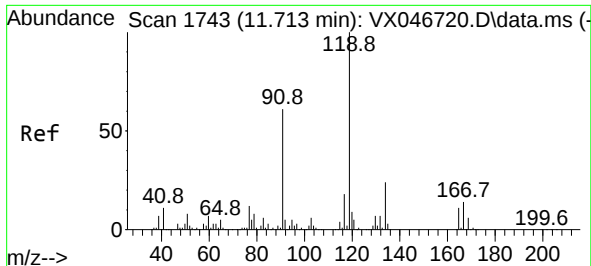
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 18.795 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

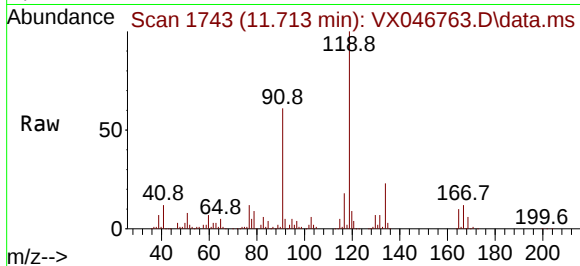
Tgt Ion: 91 Resp: 108666
Ion Ratio Lower Upper
91 100
126 29.3 14.4 43.2





#83
tert-Butylbenzene
Concen: 18.337 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

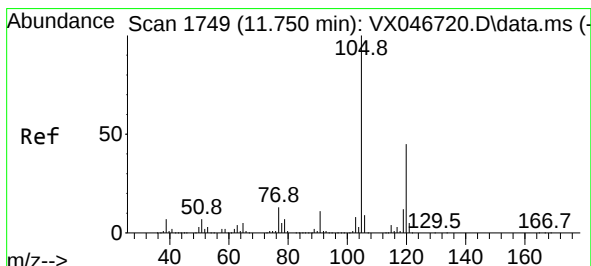
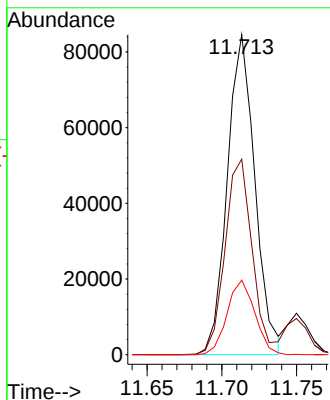
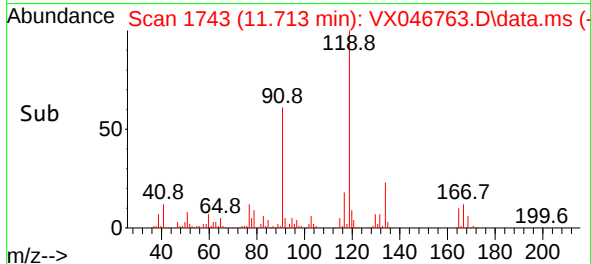
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



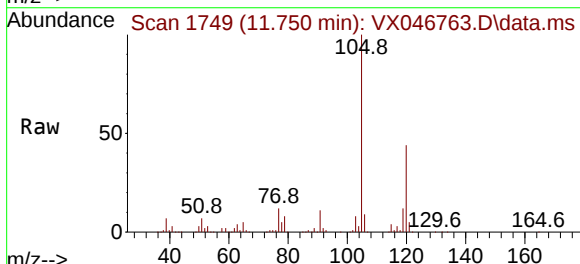
Tgt Ion:119 Resp: 108810
Ion Ratio Lower Upper
119 100
91 59.3 29.5 88.6
134 23.4 11.7 35.0

Manual Integrations
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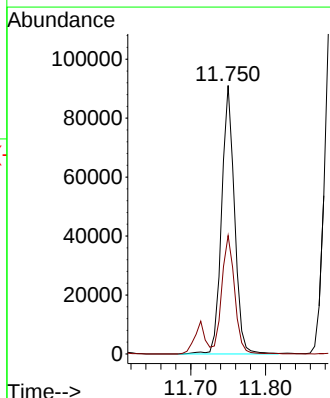
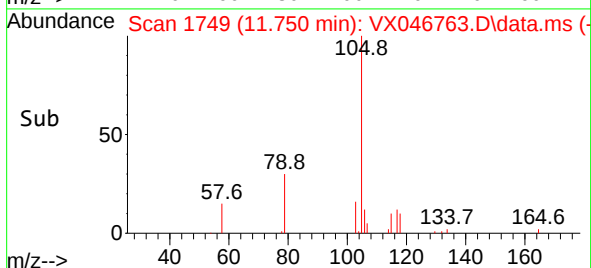
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

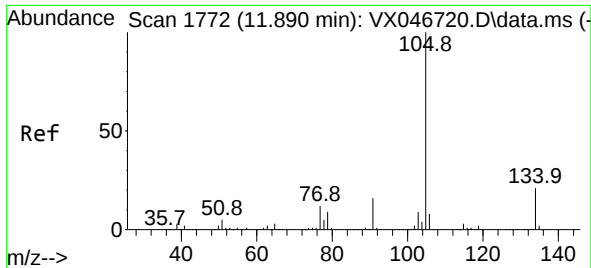


#84
1,2,4-Trimethylbenzene
Concen: 18.872 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



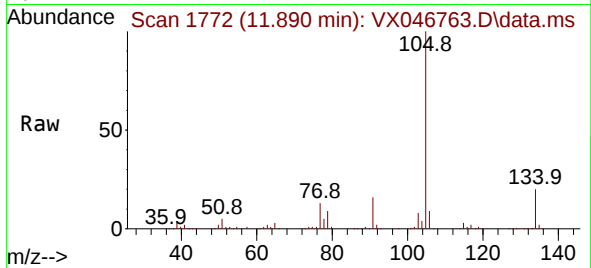
Tgt Ion:105 Resp: 108849
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 18.839 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046763.D
 Acq: 19 Jun 2025 11:51

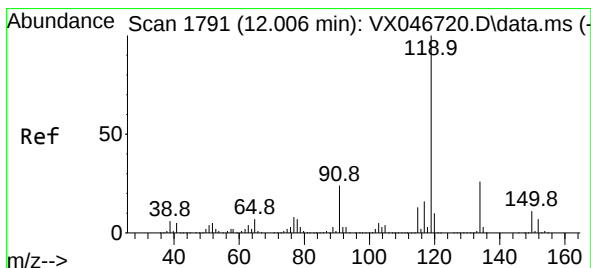
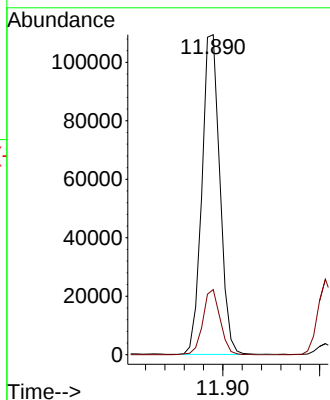
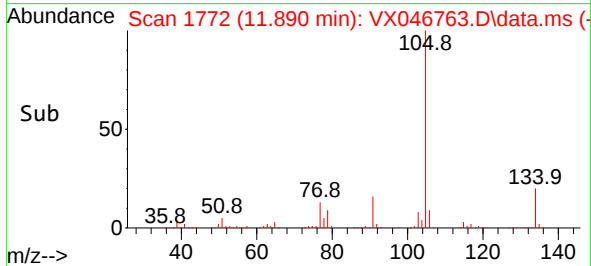
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01



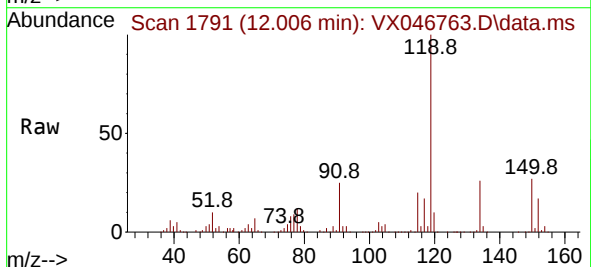
Tgt Ion:105 Resp: 14128
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

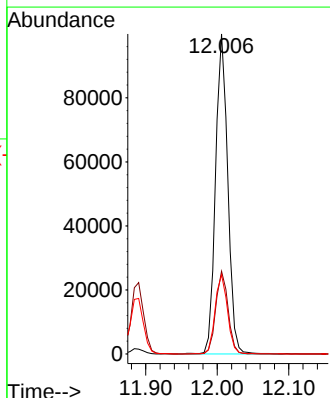
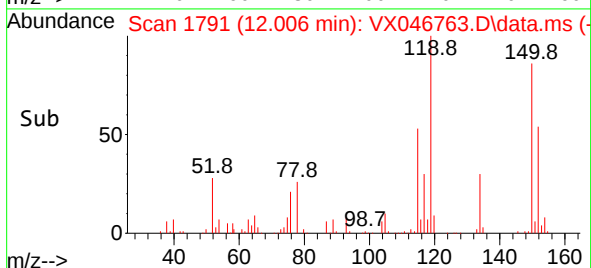
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

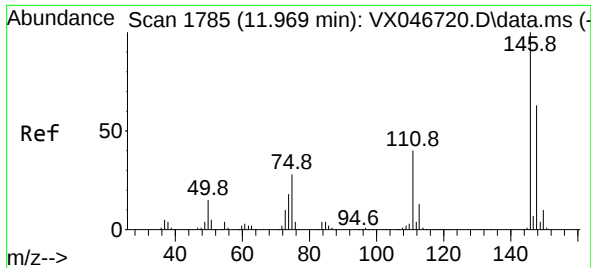


#86
 p-Isopropyltoluene
 Concen: 18.732 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046763.D
 Acq: 19 Jun 2025 11:51



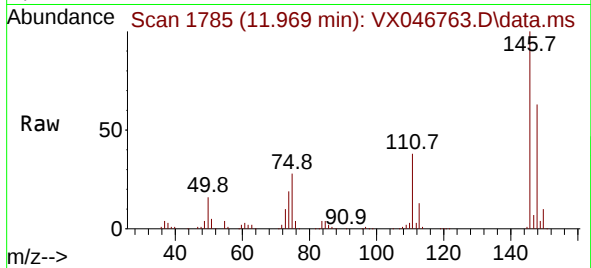
Tgt Ion:119 Resp: 118528
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.2 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.553 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

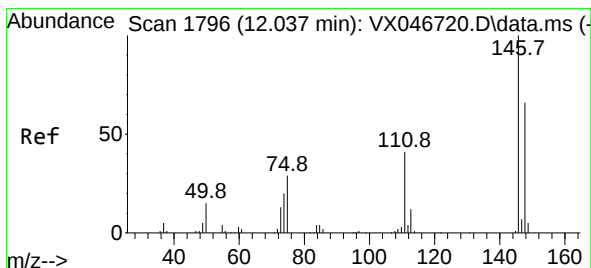
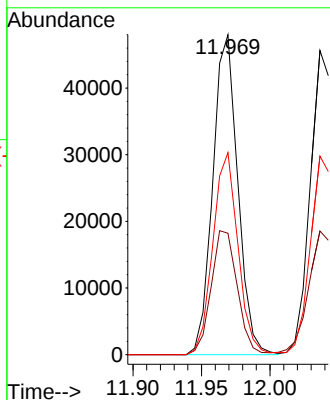
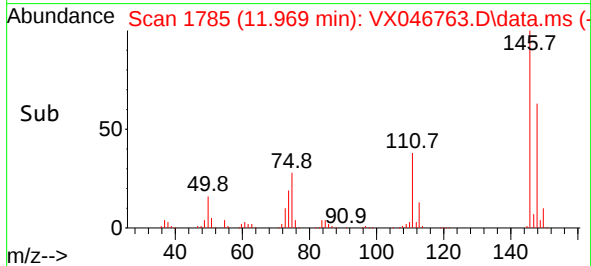
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



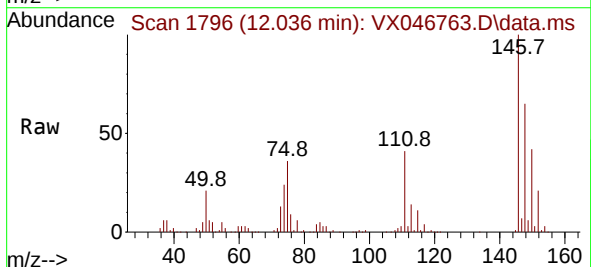
Tgt Ion:146 Resp: 60812
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.4 31.6 94.8

Manual Integrations
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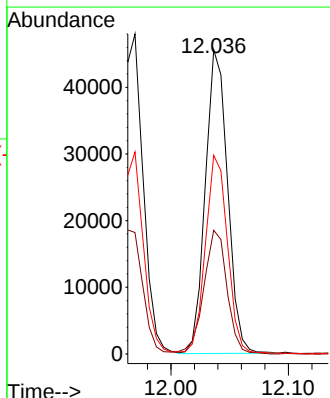
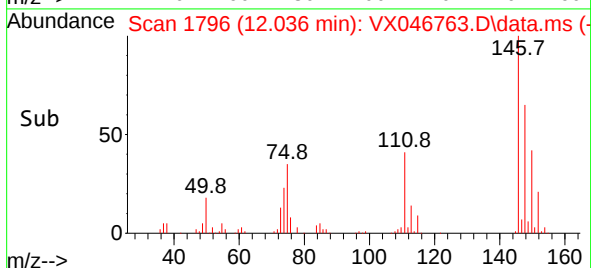
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

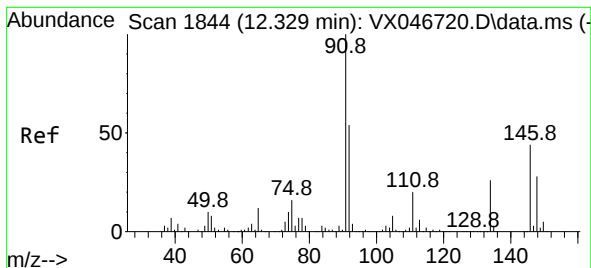


#88
1,4-Dichlorobenzene
Concen: 17.772 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



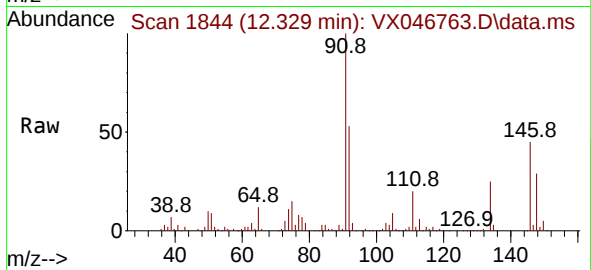
Tgt Ion:146 Resp: 59834
Ion Ratio Lower Upper
146 100
111 42.6 20.3 61.0
148 65.7 32.1 96.5





#89
n-Butylbenzene
Concen: 18.526 ug/l
RT: 12.329 min Scan# 11130
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

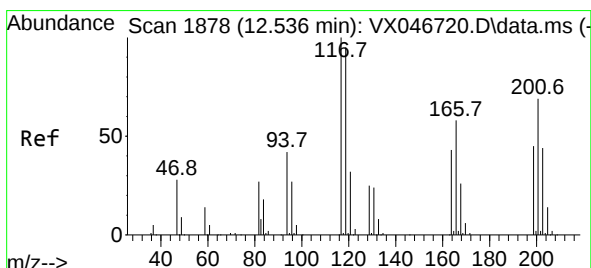
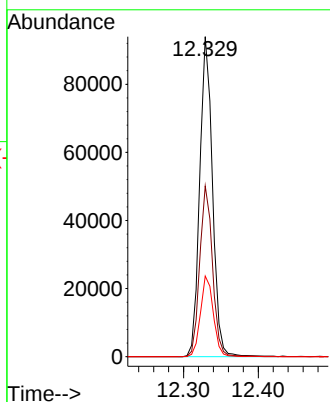
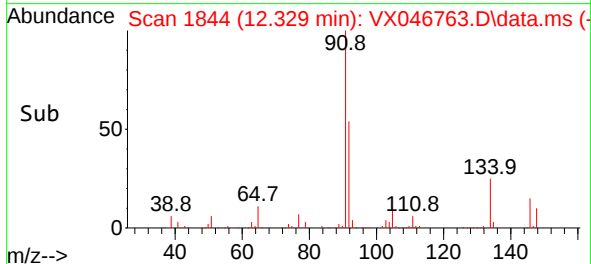
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion: 91 Resp: 11130
Ion Ratio Lower Upper
91 100
92 53.7 27.1 81.3
134 25.4 12.9 38.6

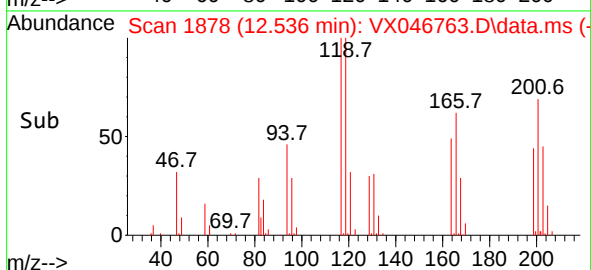
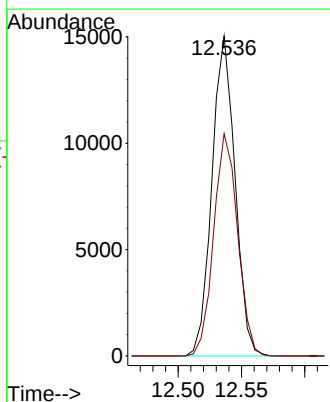
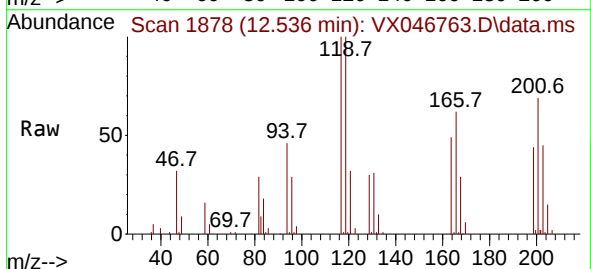
Manual Integrations
APPROVED

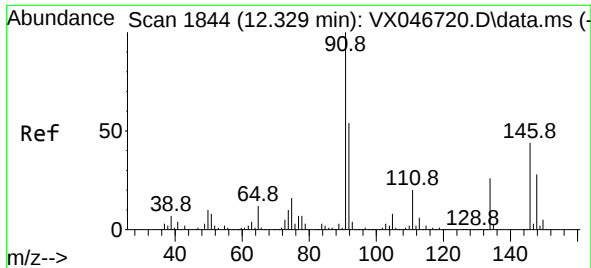
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 17.220 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

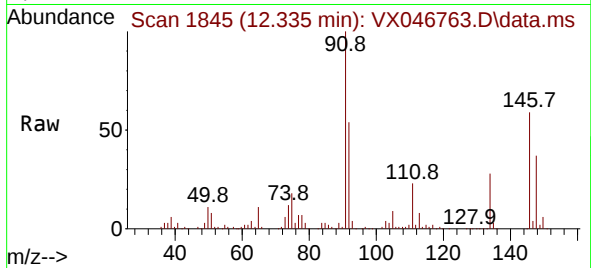
Tgt Ion:117 Resp: 19081
Ion Ratio Lower Upper
117 100
201 72.0 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 18.997 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

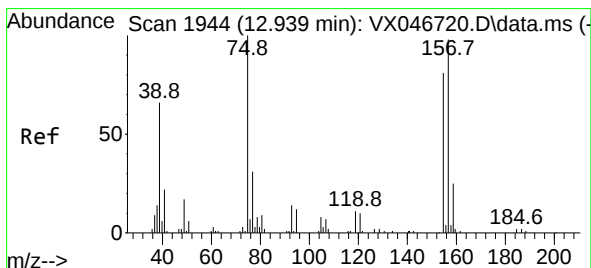
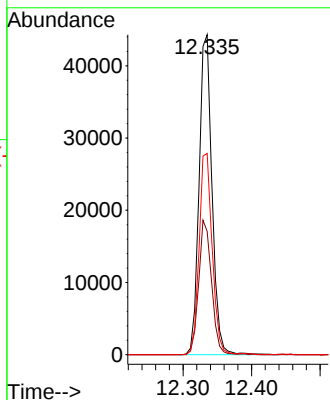
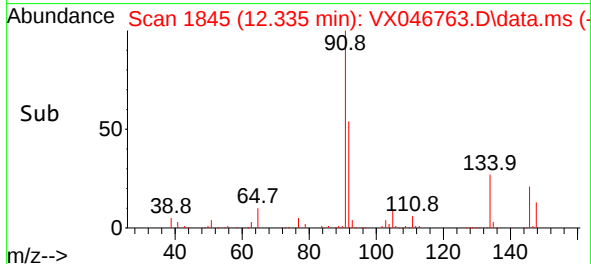
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



Tgt Ion:146 Resp: 5818
Ion Ratio Lower Upper
146 100
111 41.8 21.7 65.1
148 63.9 32.0 96.2

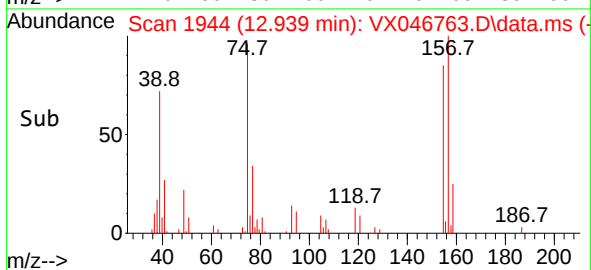
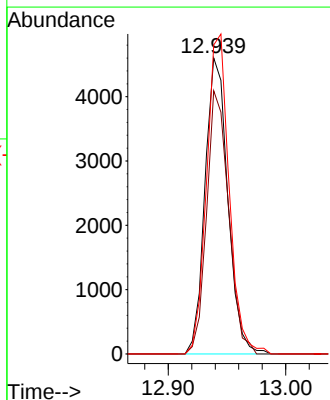
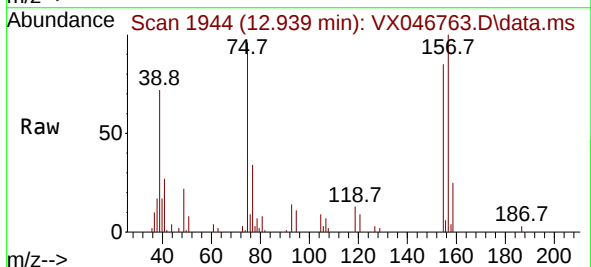
Manual Integrations
APPROVED

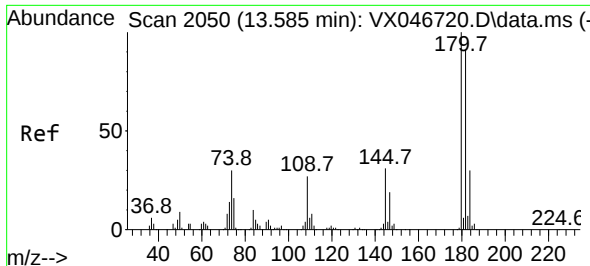
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.116 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

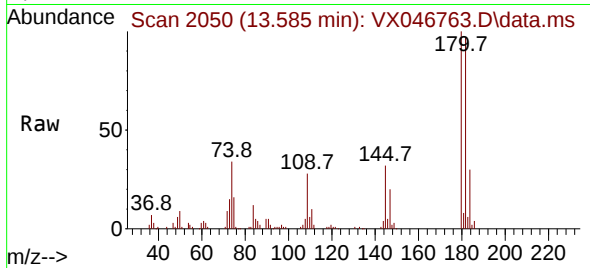
Tgt Ion: 75 Resp: 6206
Ion Ratio Lower Upper
75 100
155 85.7 41.9 125.7
157 106.9 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 18.309 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

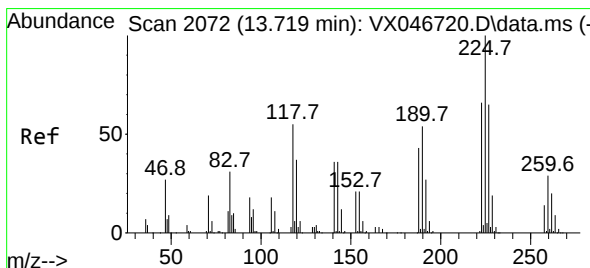
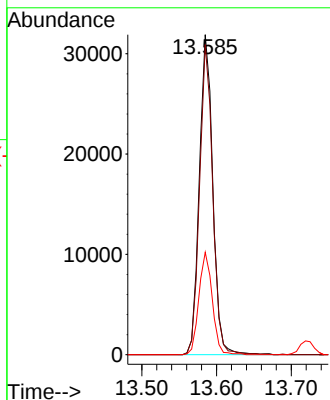
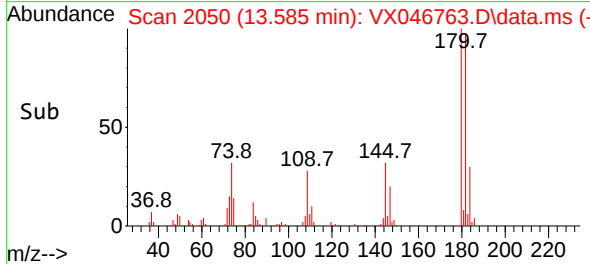
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



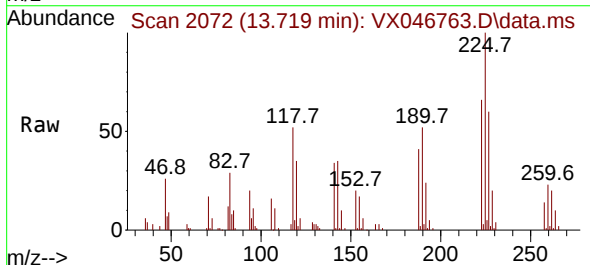
Tgt Ion:180 Resp: 3987
Ion Ratio Lower Upper
180 100
182 94.6 46.7 140.1
145 31.9 15.8 47.4

Manual Integrations
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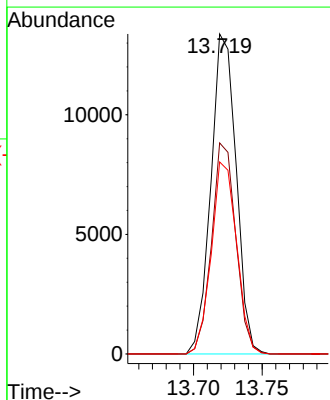
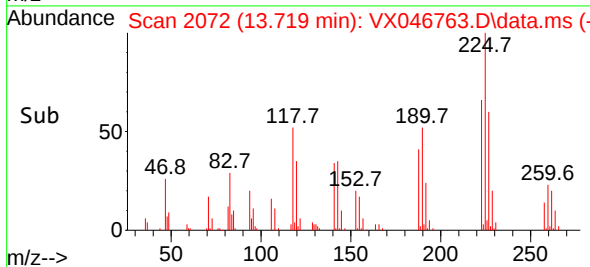
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

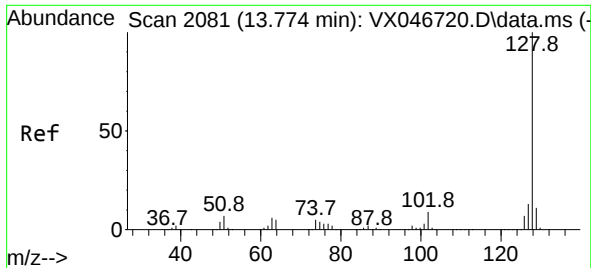


#94
Hexachlorobutadiene
Concen: 18.715 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



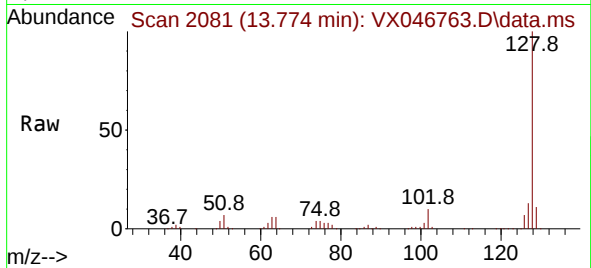
Tgt Ion:225 Resp: 17144
Ion Ratio Lower Upper
225 100
223 63.4 32.5 97.5
227 60.2 32.2 96.6





#95
Naphthalene
Concen: 17.340 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51

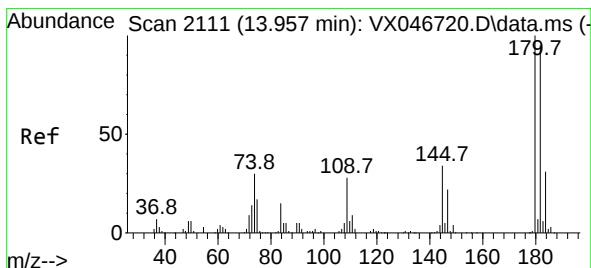
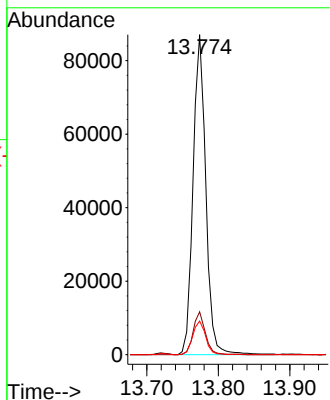
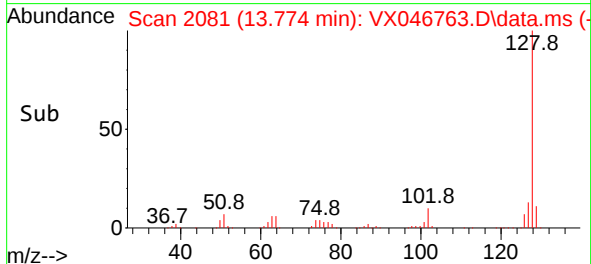
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01



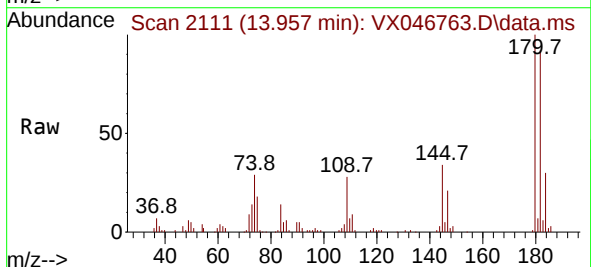
Tgt Ion:128 Resp: 107578
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.189 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046763.D
Acq: 19 Jun 2025 11:51



Tgt Ion:180 Resp: 37893
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 33.9 17.3 51.9

