

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047346.D
 Acq On : 14 Aug 2025 17:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 01:32:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	208278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	371282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	173101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142035	54.745	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.480%			
35) Dibromofluoromethane	5.404	113	108232	47.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.653	98	367633	49.520	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	144917	45.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	123251	44.552	ug/l	99
3) Chloromethane	1.313	50	116779	42.674	ug/l	98
4) Vinyl Chloride	1.392	62	132946	45.194	ug/l #	65
5) Bromomethane	1.624	94	56141	35.133	ug/l	96
6) Chloroethane	1.703	64	95172	49.260	ug/l	98
7) Trichlorofluoromethane	1.904	101	195362	44.538	ug/l	99
8) Diethyl Ether	2.148	74	77456	50.082	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	114394	43.287	ug/l	99
10) Methyl Iodide	2.471	142	191452	71.083	ug/l	99
11) Tert butyl alcohol	2.965	59	86587	287.013	ug/l	99
12) 1,1-Dichloroethene	2.337	96	120541	46.053	ug/l	98
13) Acrolein	2.252	56	150549	269.492	ug/l	100
14) Allyl chloride	2.684	41	216535	45.765	ug/l	97
15) Acrylonitrile	3.087	53	347215	280.605	ug/l	99
16) Acetone	2.392	43	285180	274.381	ug/l	99
17) Carbon Disulfide	2.532	76	324913	42.909	ug/l	99
18) Methyl Acetate	2.715	43	180663	65.409	ug/l	99
19) Methyl tert-butyl Ether	3.130	73	415516	52.161	ug/l	98
20) Methylene Chloride	2.806	84	140906	49.279	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	127056	47.436	ug/l	97
22) Diisopropyl ether	3.776	45	468017	51.450	ug/l	100
23) Vinyl Acetate	3.739	43	1949875	267.249	ug/l	99
24) 1,1-Dichloroethane	3.629	63	245858	48.604	ug/l	99
25) 2-Butanone	4.568	43	400945	264.931	ug/l	100
26) 2,2-Dichloropropane	4.495	77	179072	45.732	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	155444	49.009	ug/l	98
28) Bromochloromethane	4.910	49	119086	51.172	ug/l	98
29) Tetrahydrofuran	5.026	42	266756	273.186	ug/l	98
30) Chloroform	5.111	83	257758	50.059	ug/l	98
31) Cyclohexane	5.483	56	194284	40.057	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	208412	46.599	ug/l	99
36) 1,1-Dichloropropene	5.708	75	159206	40.742	ug/l	99
37) Ethyl Acetate	4.727	43	203572	56.537	ug/l	96
38) Carbon Tetrachloride	5.696	117	181954	43.627	ug/l	95
39) Methylcyclohexane	7.391	83	186724	38.272	ug/l	97
40) Benzene	6.050	78	523138	46.260	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	91974	48.853	ug/l #	93
42) 1,2-Dichloroethane	6.098	62	194195	48.749	ug/l	98
43) Isopropyl Acetate	6.348	43	300019	53.447	ug/l	99
44) Trichloroethene	7.135	130	127653	44.020	ug/l	99
45) 1,2-Dichloropropane	7.440	63	134112	47.350	ug/l	99
46) Dibromomethane	7.586	93	101916	51.312	ug/l	99
47) Bromodichloromethane	7.824	83	203387	48.109	ug/l	100
48) Methyl methacrylate	7.696	41	153774	50.286	ug/l	99
49) 1,4-Dioxane	7.678	88	33750	970.369	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	912658	273.536	ug/l	100
52) Toluene	8.720	92	320957	46.158	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	188226	47.148	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	203618	46.601	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	132472	50.800	ug/l	98
56) Ethyl methacrylate	9.116	69	206281	53.433	ug/l	99
57) 1,3-Dichloropropane	9.311	76	222657	49.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	469143	218.383	ug/l	100
59) 2-Hexanone	9.433	43	642479	291.456	ug/l	100
60) Dibromochloromethane	9.519	129	151761	49.621	ug/l	99
61) 1,2-Dibromoethane	9.610	107	135649	49.748	ug/l	100
64) Tetrachloroethene	9.275	164	103393	41.472	ug/l	95
65) Chlorobenzene	10.079	112	362501	44.744	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	125458	45.994	ug/l	100
67) Ethyl Benzene	10.195	91	617847	43.616	ug/l	99
68) m/p-Xylenes	10.299	106	464984	87.716	ug/l	99
69) o-Xylene	10.640	106	228871	45.384	ug/l	98
70) Styrene	10.653	104	394790	45.654	ug/l	99
71) Bromoform	10.799	173	100790	48.644	ug/l	99
73) Isopropylbenzene	10.963	105	583129	42.699	ug/l	99
74) N-amyl acetate	10.842	43	256809	46.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	191907	49.195	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	150314m	46.914	ug/l	
77) Bromobenzene	11.195	156	145093	44.295	ug/l	99
78) n-propylbenzene	11.305	91	691822	42.392	ug/l	99
79) 2-Chlorotoluene	11.360	91	423456	43.408	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	484950	42.983	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24849	19.981	ug/l	94
82) 4-Chlorotoluene	11.451	91	495295	43.498	ug/l	99
83) tert-Butylbenzene	11.713	119	486511	42.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	488683	43.425	ug/l	99
85) sec-Butylbenzene	11.890	105	588721	41.609	ug/l	100
86) p-Isopropyltoluene	12.006	119	488762	41.656	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	270585	43.475	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	273360	43.352	ug/l	98
89) n-Butylbenzene	12.329	91	455867	41.429	ug/l	99
90) Hexachloroethane	12.536	117	85939	40.942	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	263855	44.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39520	52.778	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	175152	44.566	ug/l	99
94) Hexachlorobutadiene	13.725	225	56237	42.074	ug/l	97
95) Naphthalene	13.774	128	567289	49.237	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	168173	44.417	ug/l	98

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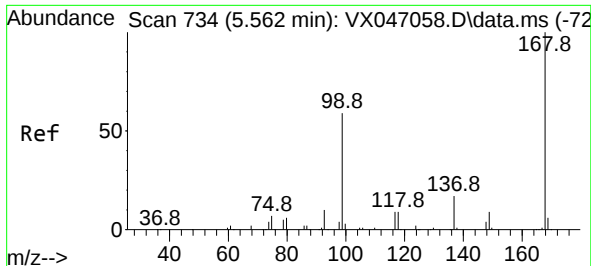
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

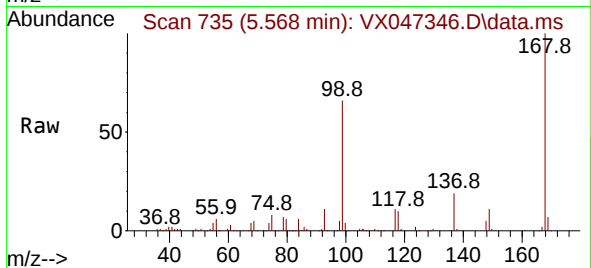
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX047346.D
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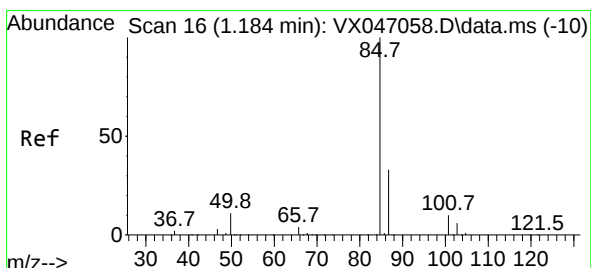
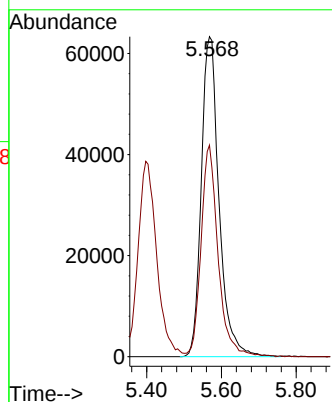
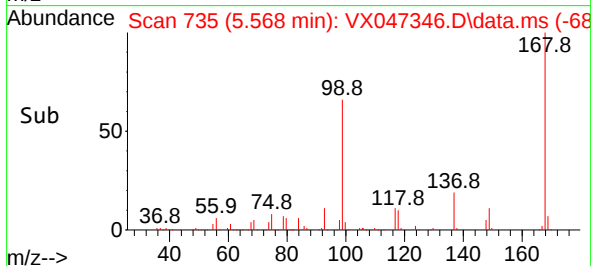
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 208278
Ion Ratio Lower Upper
168 100
99 65.8 48.0 72.0

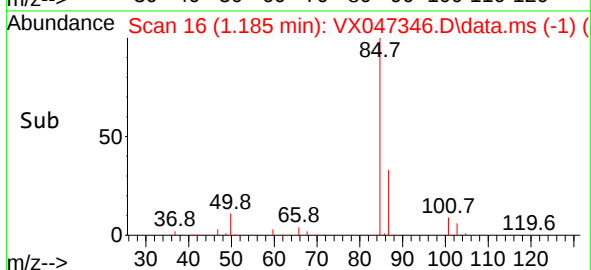
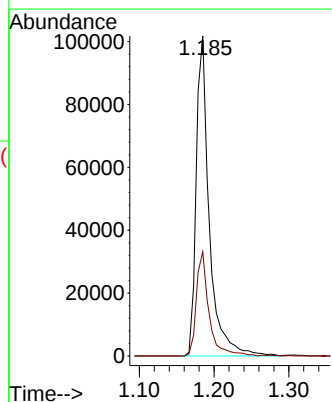
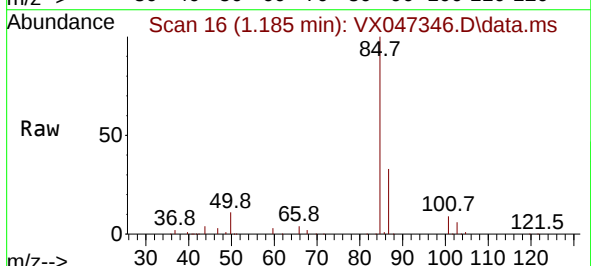
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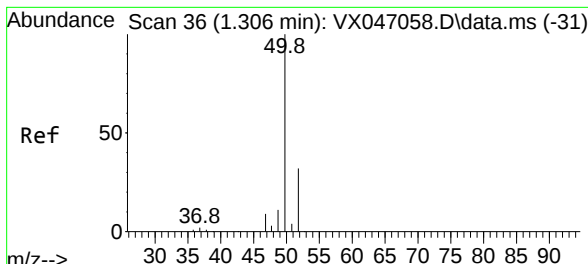
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 44.552 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

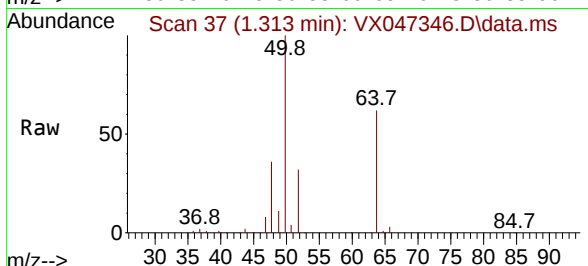
Tgt Ion: 85 Resp: 123251
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





#3
Chloromethane
Concen: 42.674 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

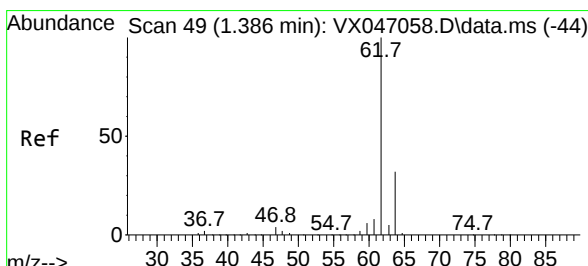
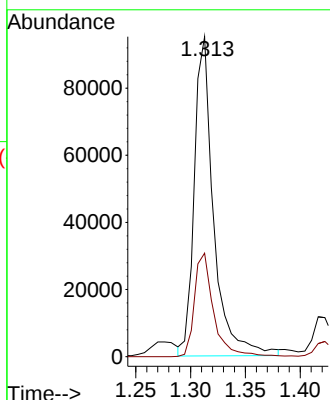
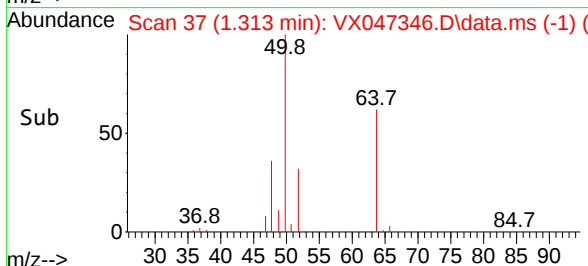
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 116779
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

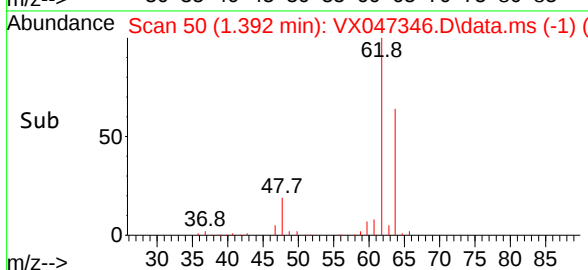
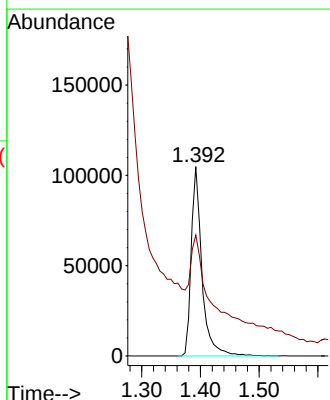
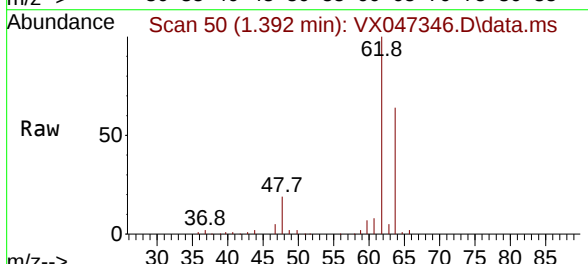
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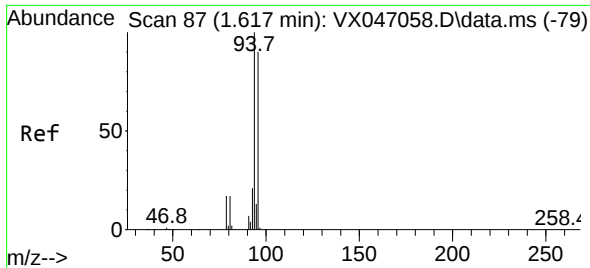
Reviewed By :John Carlone 08/18/2025
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#4
Vinyl Chloride
Concen: 45.194 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

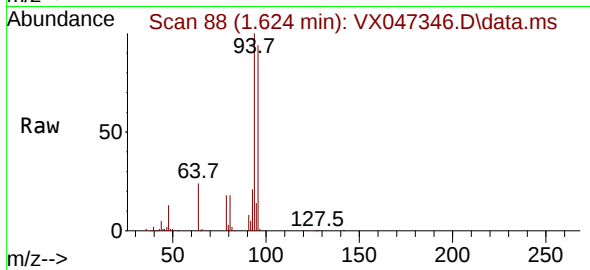
Tgt Ion: 62 Resp: 132946
Ion Ratio Lower Upper
62 100
64 50.7 25.2 37.8#





#5
Bromomethane
Concen: 35.133 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

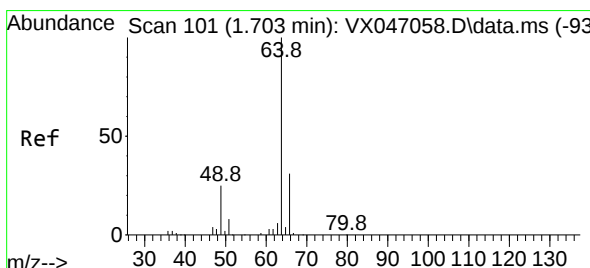
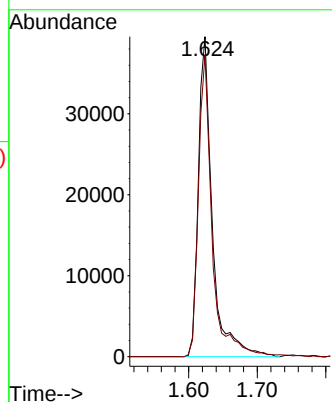
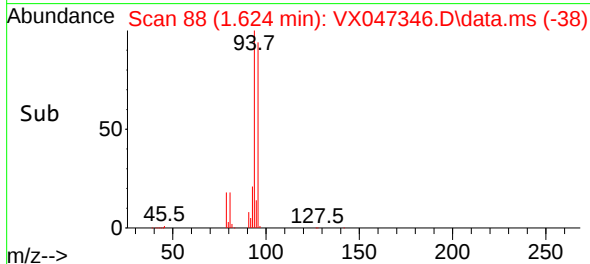
Instrument :
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Tgt Ion: 94 Resp: 5614
Ion Ratio Lower Upper
94 100
96 94.3 72.3 108.5

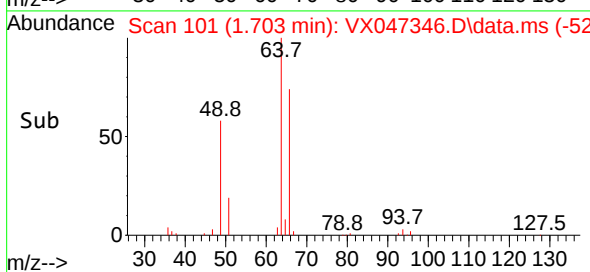
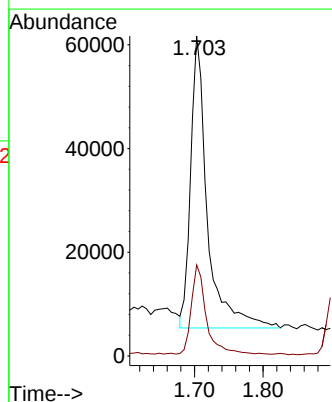
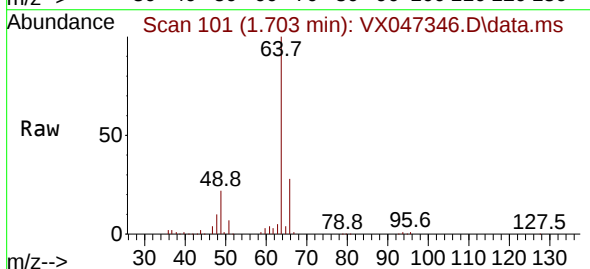
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#6
Chloroethane
Concen: 49.260 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

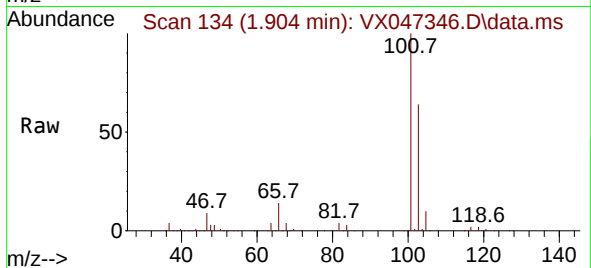
Tgt Ion: 64 Resp: 95172
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 44.538 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

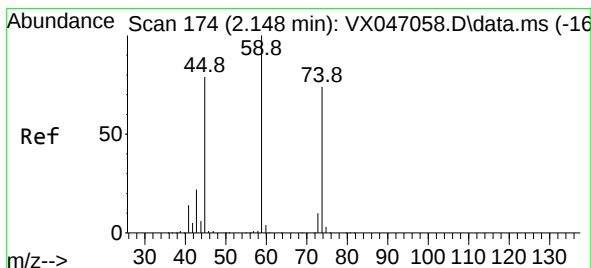
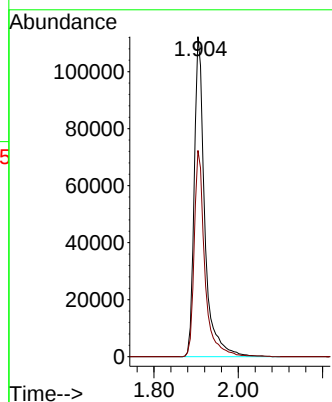
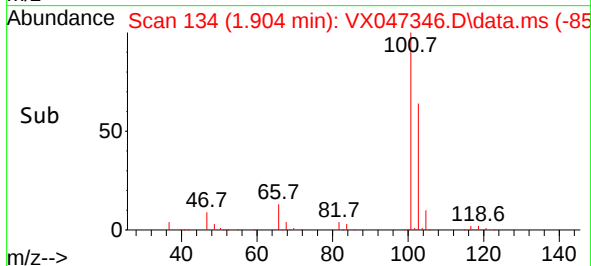
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 195362
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

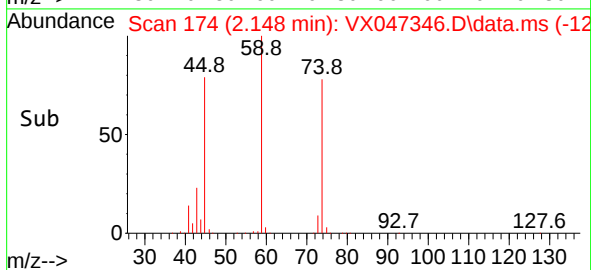
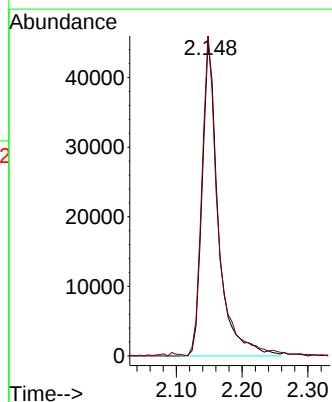
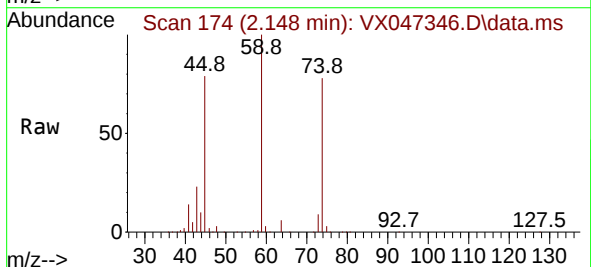
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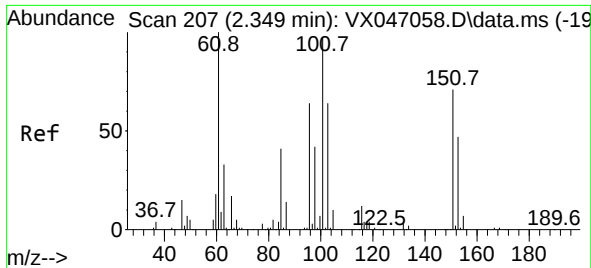
Reviewed By :John Carlone 08/18/2025
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#8
 Diethyl Ether
 Concen: 50.082 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047346.D
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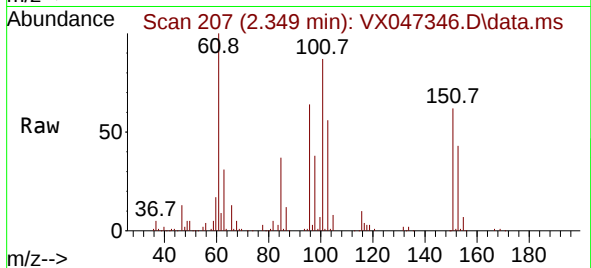
Tgt Ion: 74 Resp: 77456
 Ion Ratio Lower Upper
 74 100
 45 102.7 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.287 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047346.D
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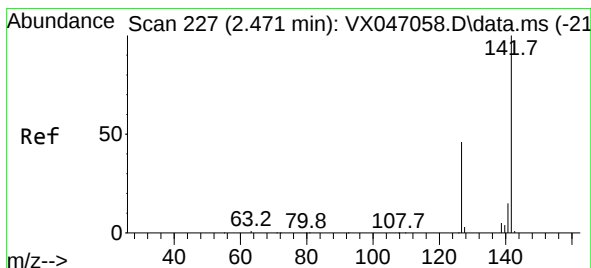
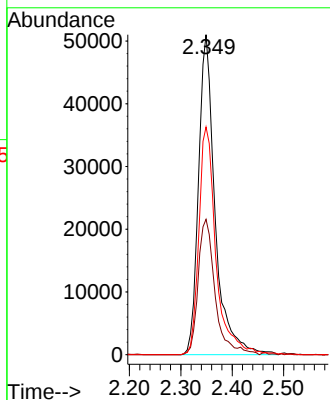
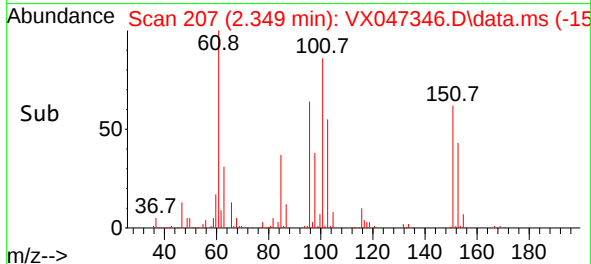
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ClientSampleId :
VSTDCCC050EC



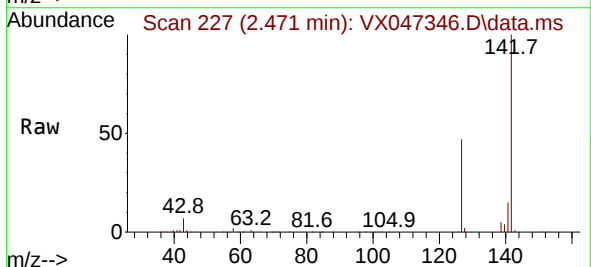
Tgt Ion:101 Resp: 114394
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.0
151 73.7 59.2 88.8

Manual Integrations
APPROVED

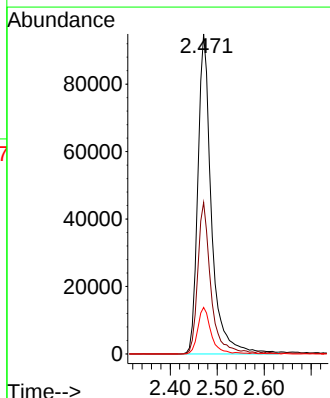
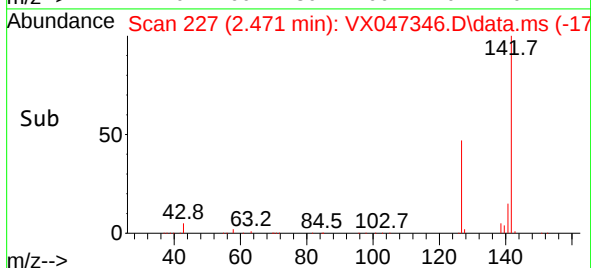
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

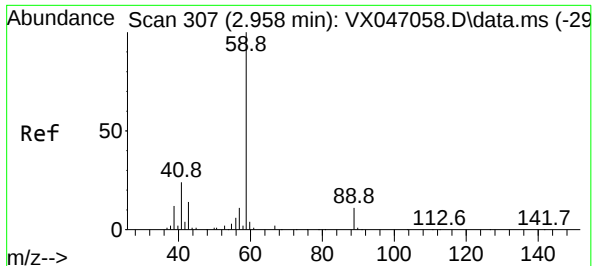


#10
Methyl Iodide
Concen: 71.083 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



Tgt Ion:142 Resp: 191452
Ion Ratio Lower Upper
142 100
127 45.5 36.6 54.8
141 14.4 10.9 16.3





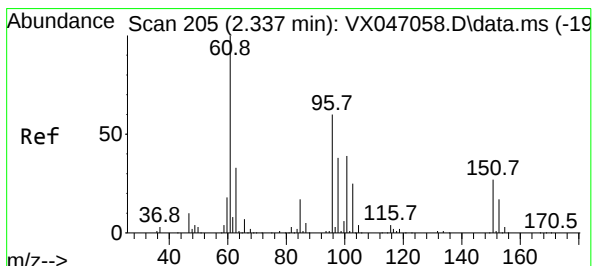
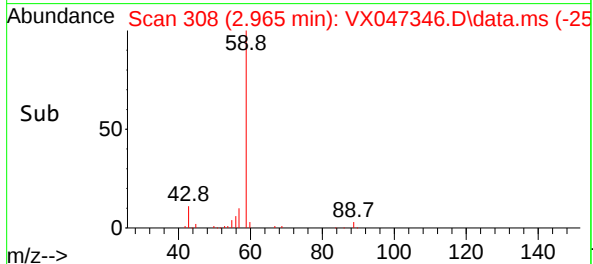
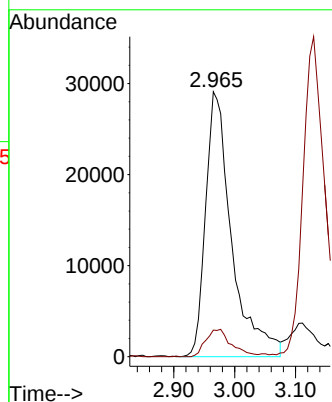
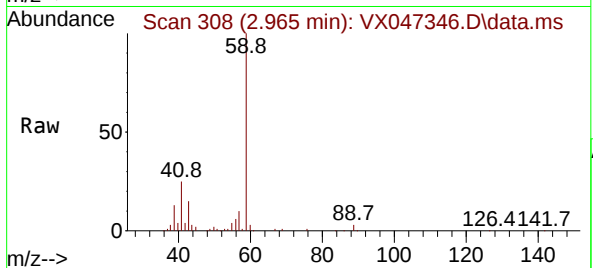
#11
Tert butyl alcohol
Concen: 287.013 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 8658
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

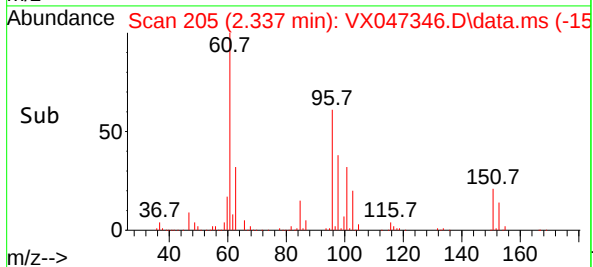
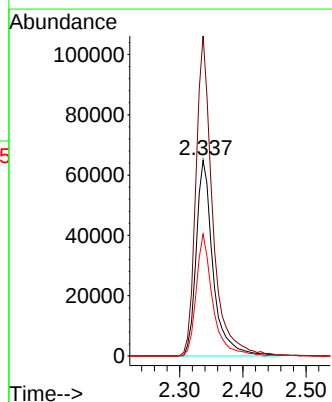
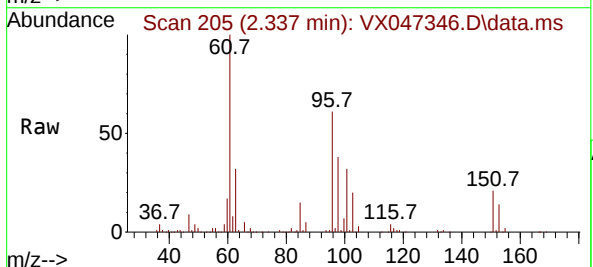
Manual Integrations
APPROVED

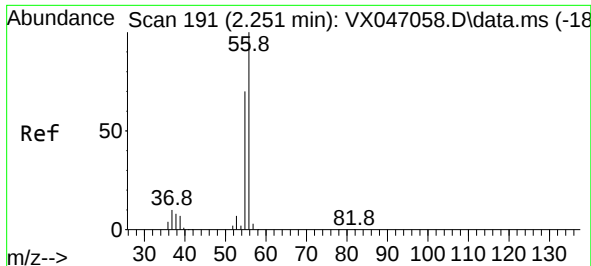
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#12
1,1-Dichloroethene
Concen: 46.053 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

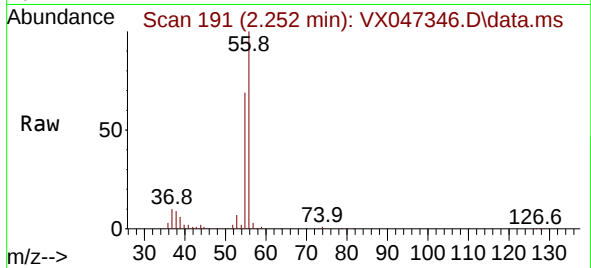
Tgt Ion: 96 Resp: 120541
Ion Ratio Lower Upper
96 100
61 163.2 132.6 198.8
98 62.1 50.2 75.4





#13
Acrolein
Concen: 269.492 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

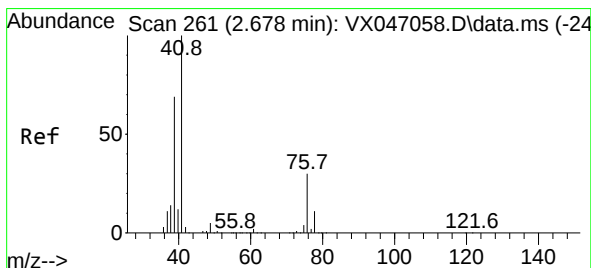
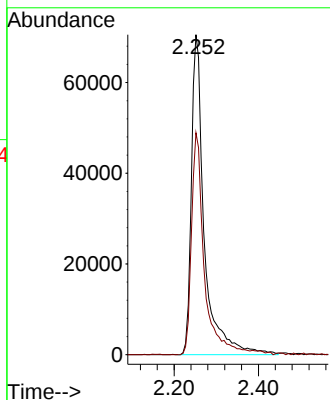
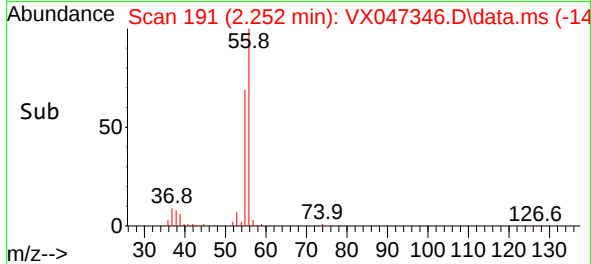
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 150549
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

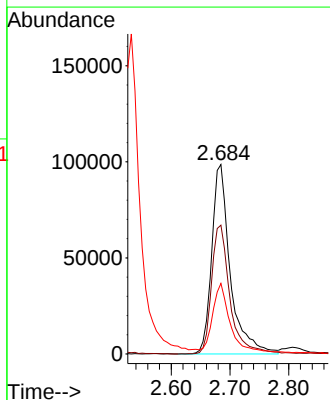
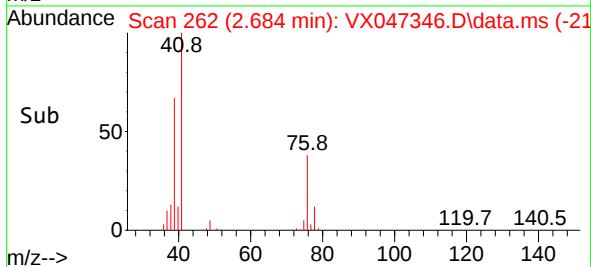
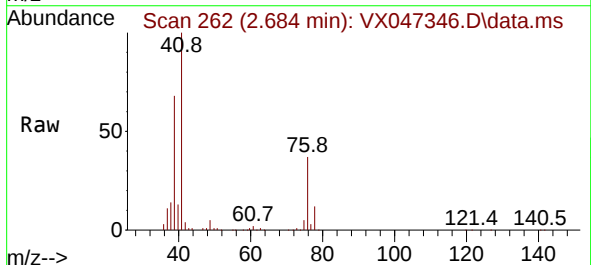
Manual Integrations
APPROVED

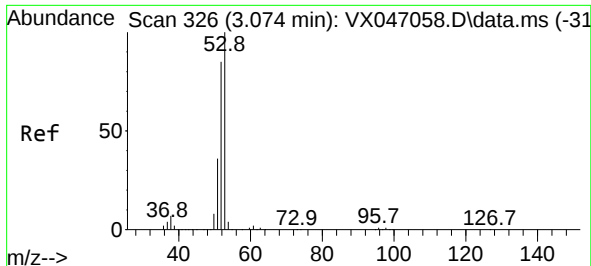
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 45.765 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

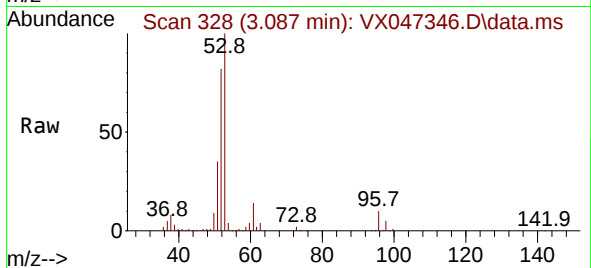
Tgt Ion: 41 Resp: 216535
Ion Ratio Lower Upper
41 100
39 67.7 52.6 78.8
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 280.605 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

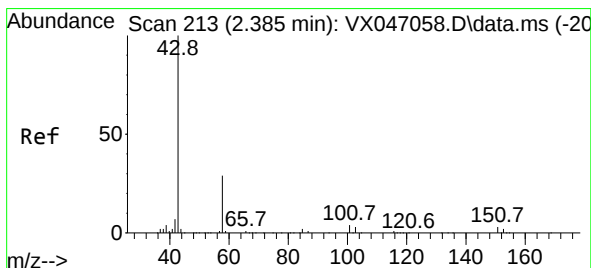
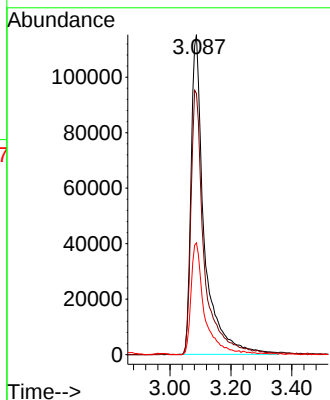
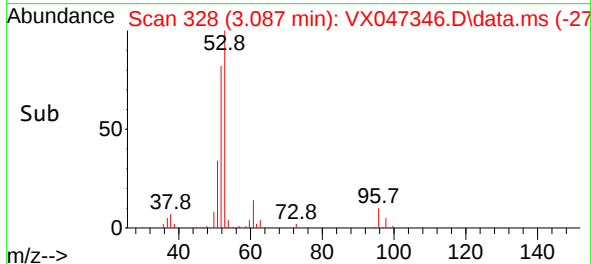
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 347215
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.1 28.8 43.2

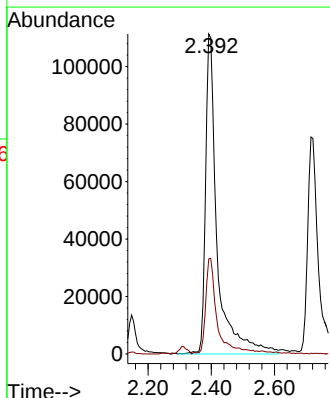
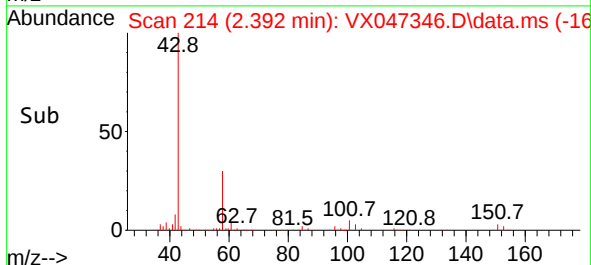
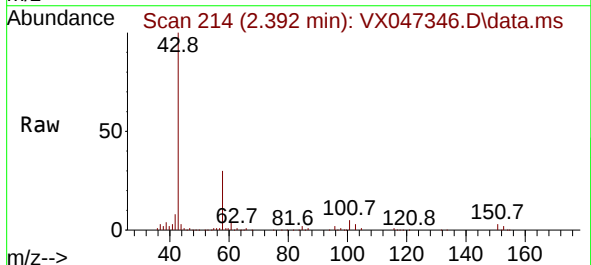
Manual Integrations
APPROVED

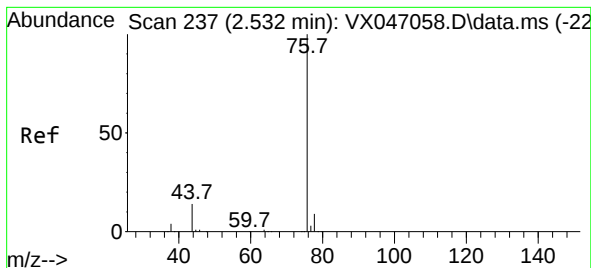
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 274.381 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Tgt Ion: 43 Resp: 285180
Ion Ratio Lower Upper
43 100
58 29.3 24.0 36.0





#17

Carbon Disulfide

Concen: 42.909 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 32491

Ion Ratio Lower Upper

76 100

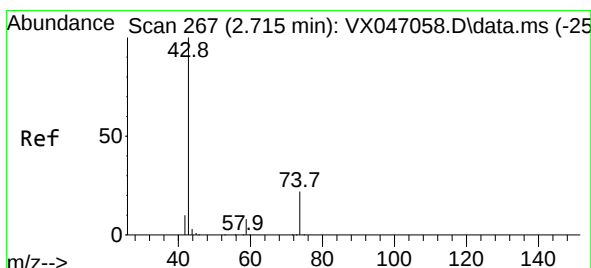
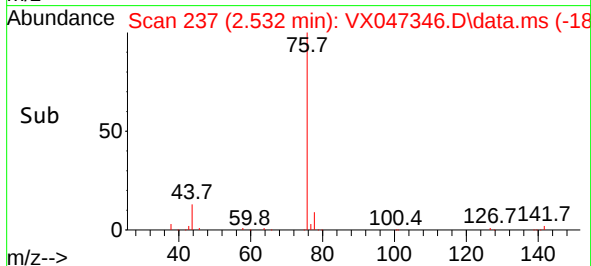
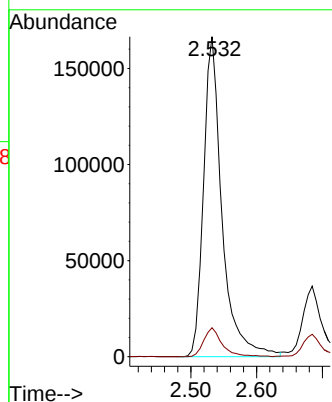
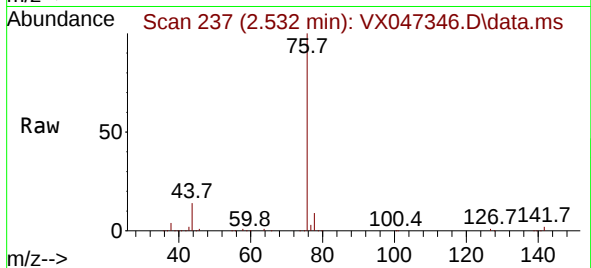
78 9.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#18

Methyl Acetate

Concen: 65.409 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047346.D

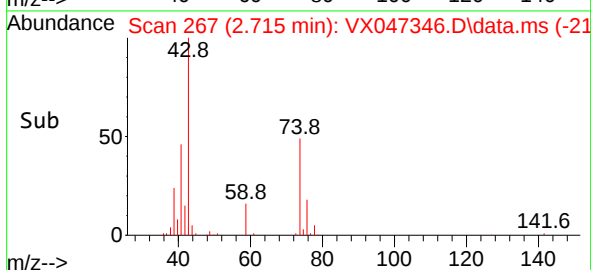
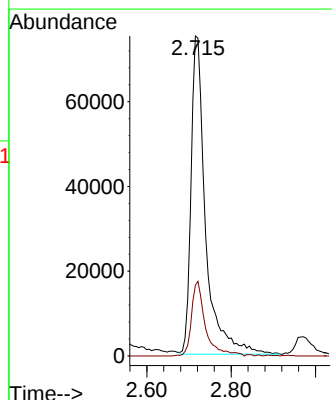
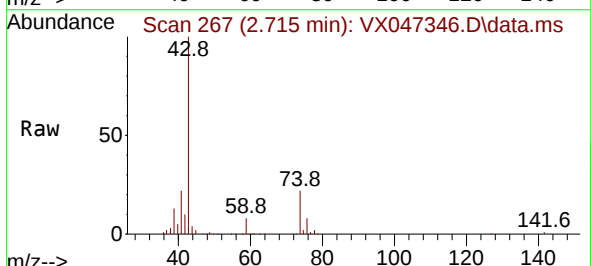
Acq: 14 Aug 2025 17:48

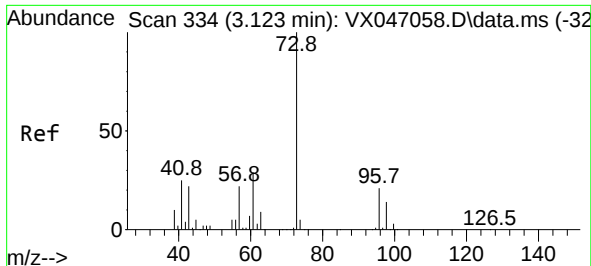
Tgt Ion: 43 Resp: 180663

Ion Ratio Lower Upper

43 100

74 22.4 17.7 26.5





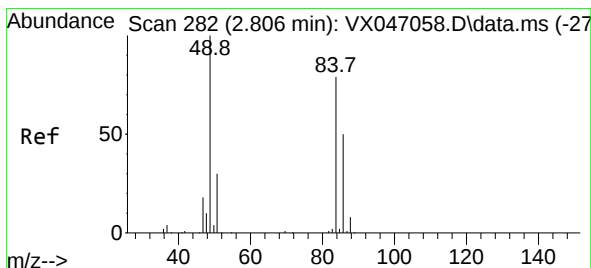
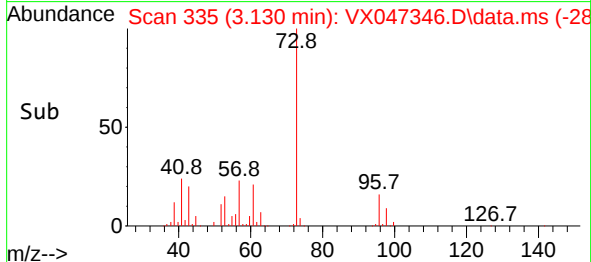
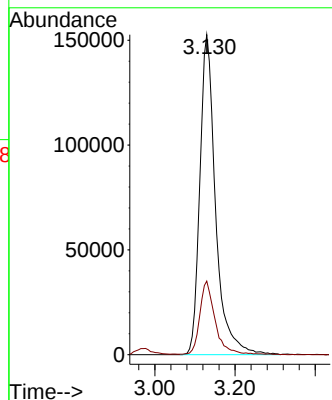
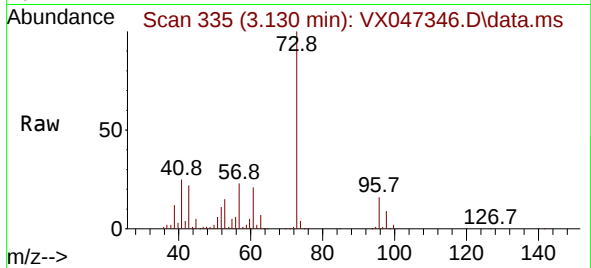
#19
Methyl tert-butyl Ether
Concen: 52.161 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 415510
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5

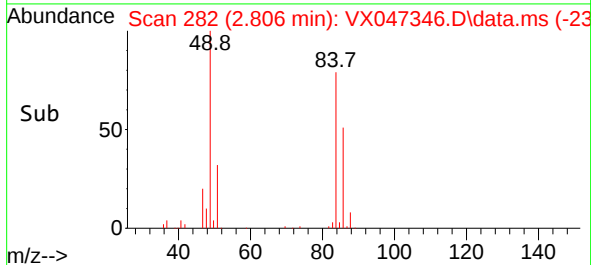
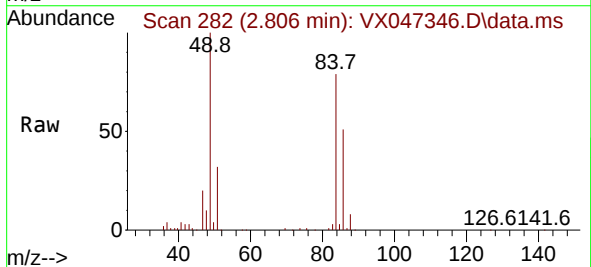
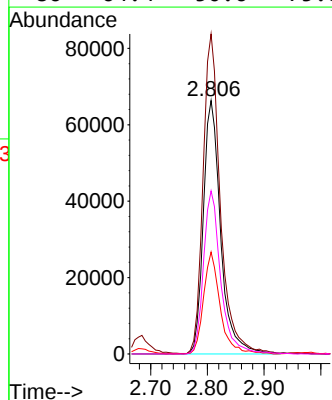
Manual Integrations
APPROVED

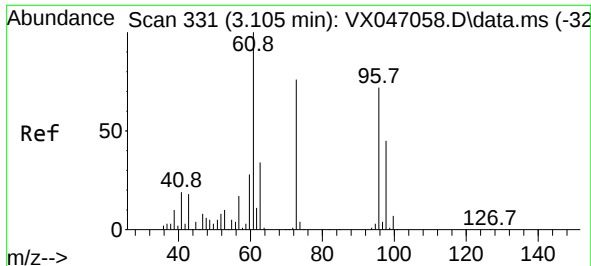
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 49.279 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

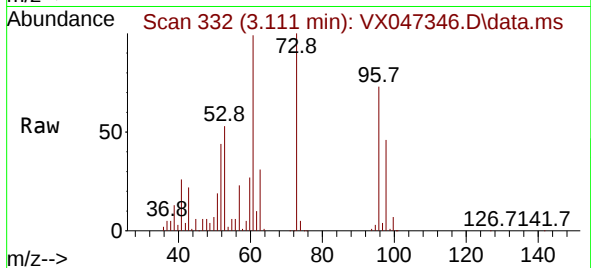
Tgt Ion: 84 Resp: 140906
Ion Ratio Lower Upper
84 100
49 126.1 101.6 152.4
51 40.1 30.3 45.5
86 64.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.436 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

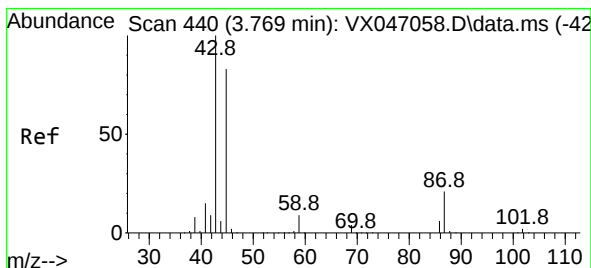
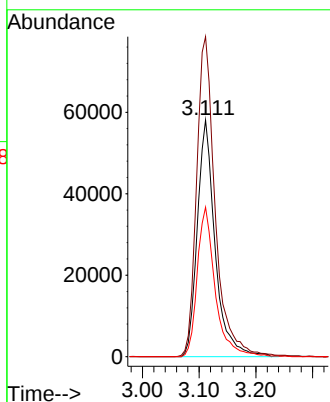
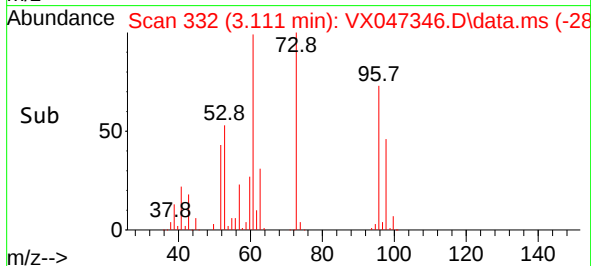
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



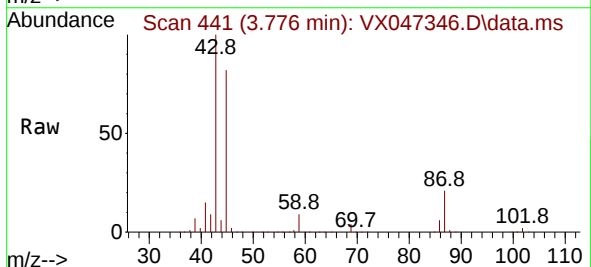
Tgt Ion: 96 Resp: 127050
Ion Ratio Lower Upper
96 100
61 135.1 111.1 166.7
98 63.2 49.6 74.4

Manual Integrations
APPROVED

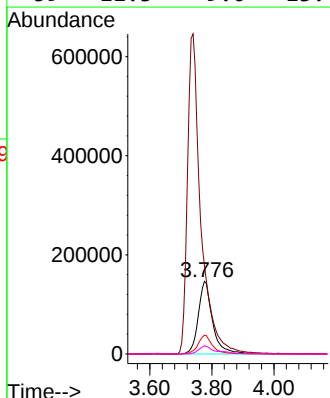
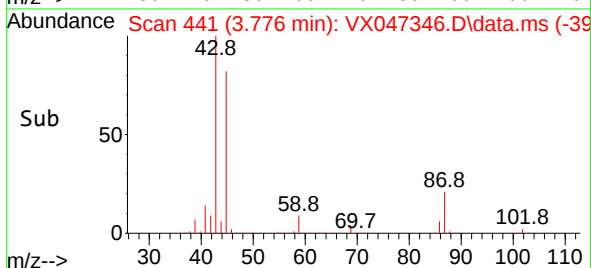
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

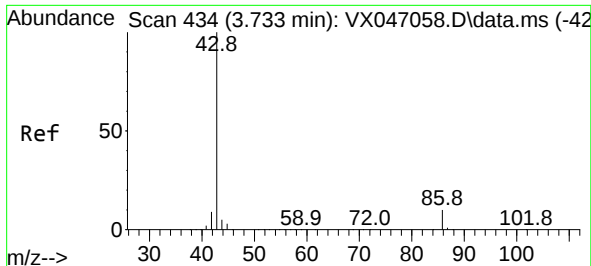


#22
Diisopropyl ether
Concen: 51.450 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



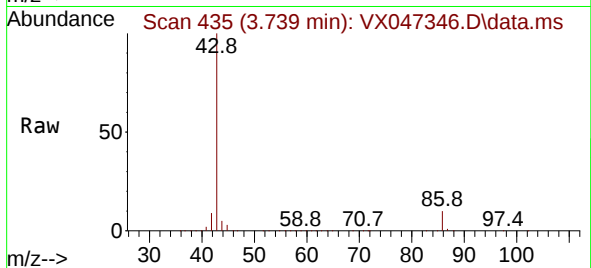
Tgt Ion: 45 Resp: 468017
Ion Ratio Lower Upper
45 100
43 121.0 96.8 145.2
87 25.8 20.5 30.7
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 267.249 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

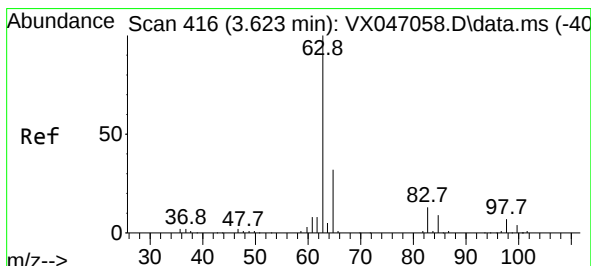
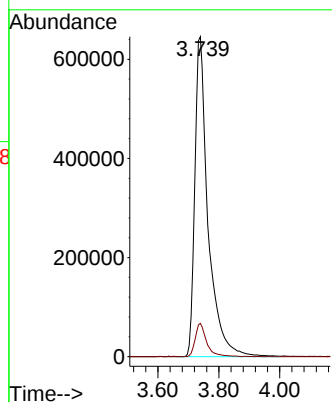
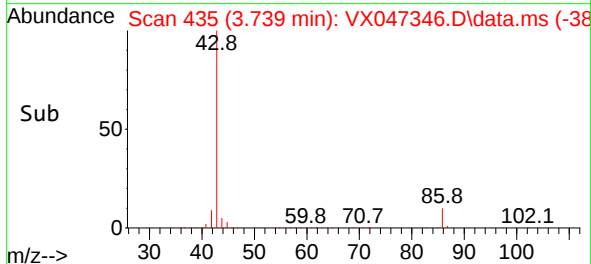
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



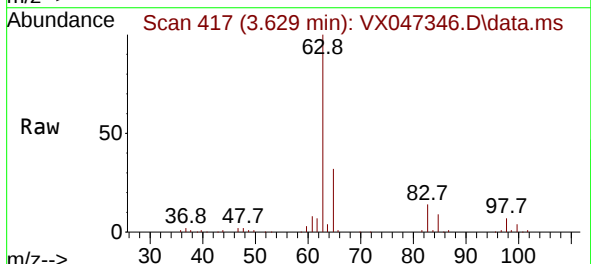
Tgt Ion: 43 Resp: 194987
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

Manual Integrations
 APPROVED

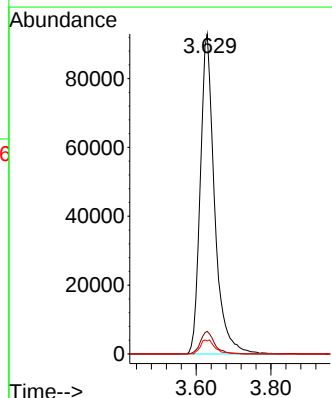
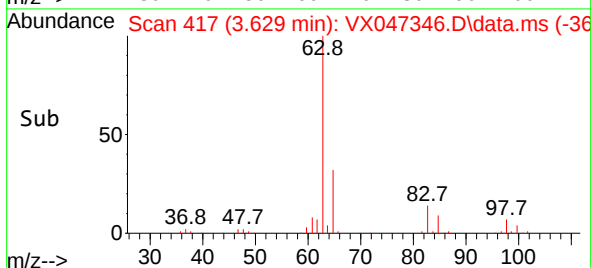
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

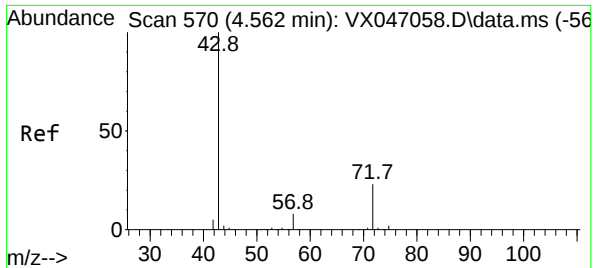


#24
 1,1-Dichloroethane
 Concen: 48.604 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.007 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48



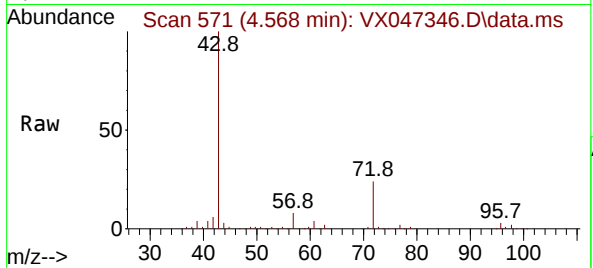
Tgt Ion: 63 Resp: 245858
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 264.931 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

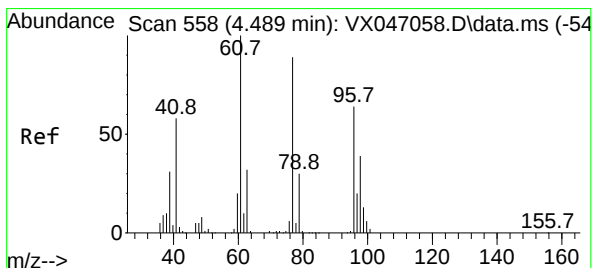
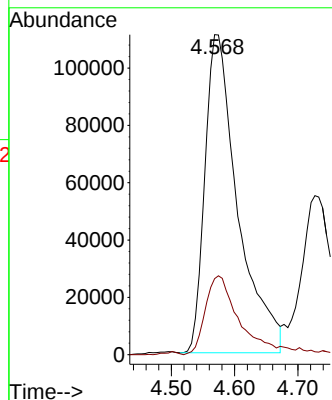
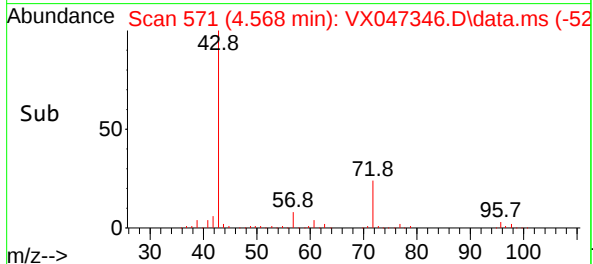
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40094
Ion Ratio Lower Upper
43 100
72 23.5 18.8 28.2

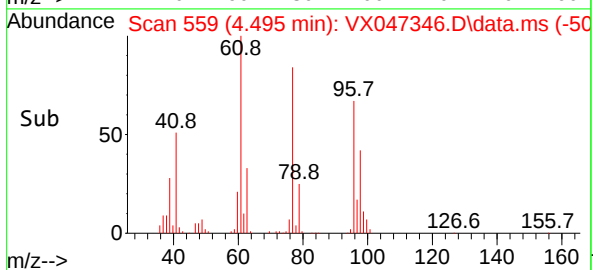
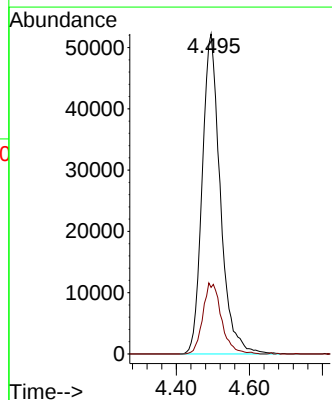
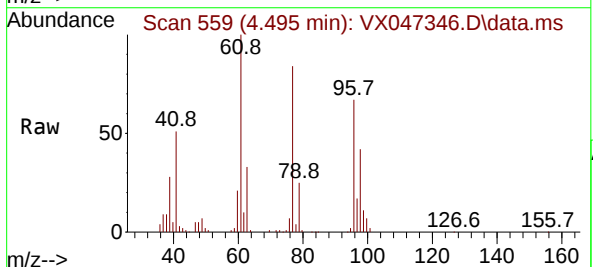
Manual Integrations
APPROVED

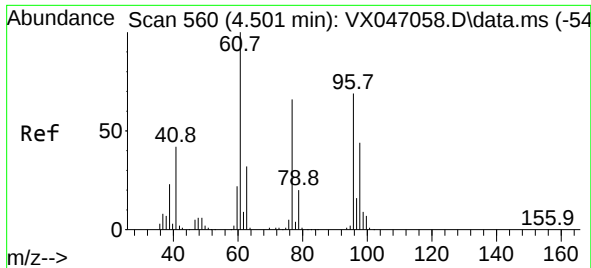
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 45.732 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

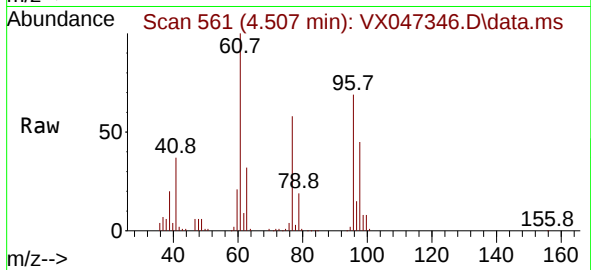
Tgt Ion: 77 Resp: 179072
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.009 ug/l
 RT: 4.507 min Scan# 560
 Delta R.T. 0.007 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

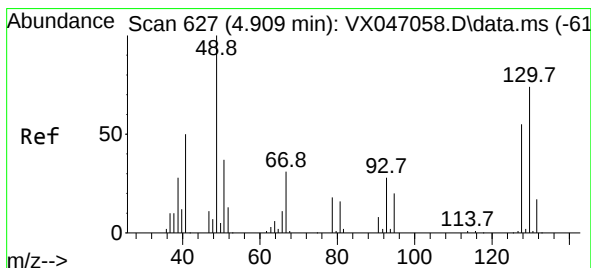
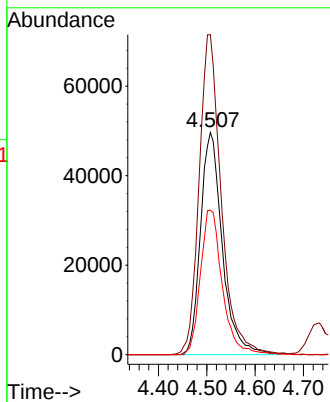
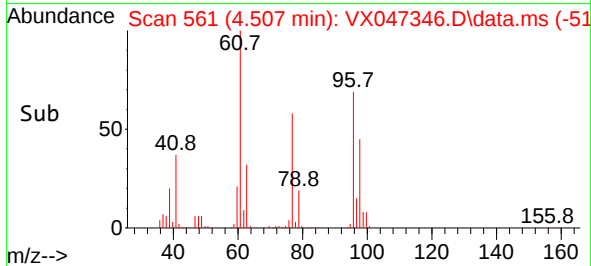
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 15544
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 298.6
 98 65.2 0.0 128.8

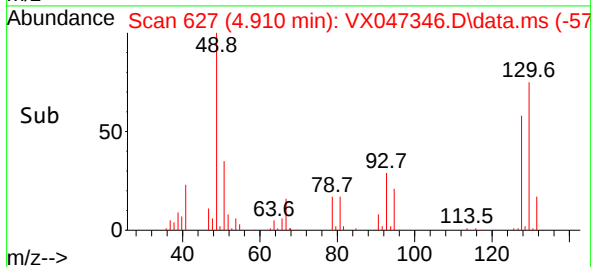
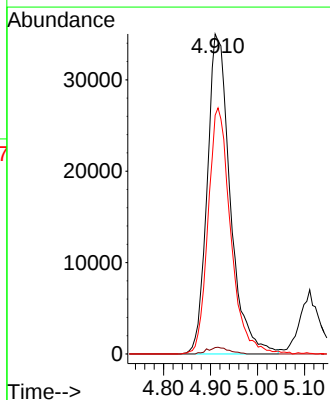
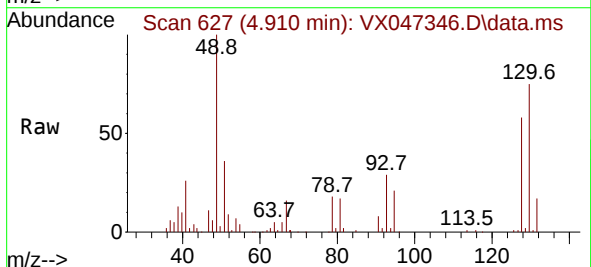
Manual Integrations
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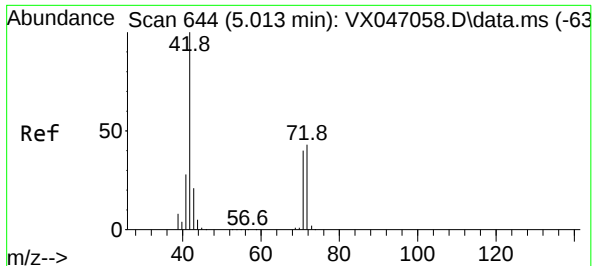
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 51.172 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

Tgt Ion: 49 Resp: 119086
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 75.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 273.186 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX047346.D

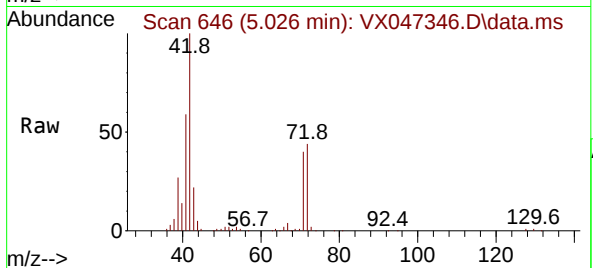
Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 266750

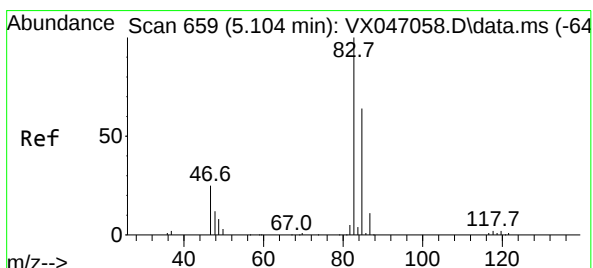
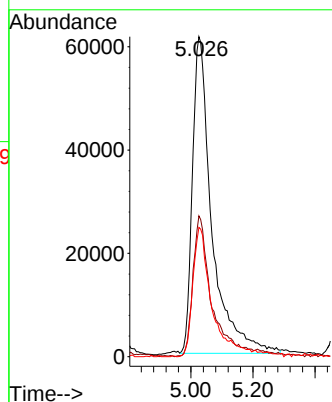
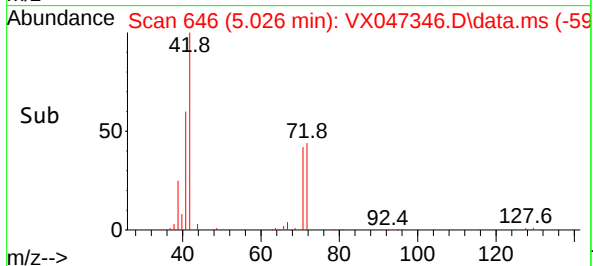
Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.7	50.5
71	40.3	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 50.059 ug/l

RT: 5.111 min Scan# 660

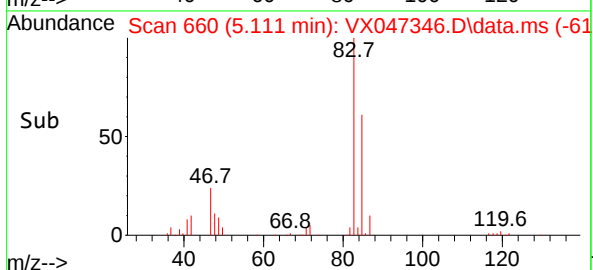
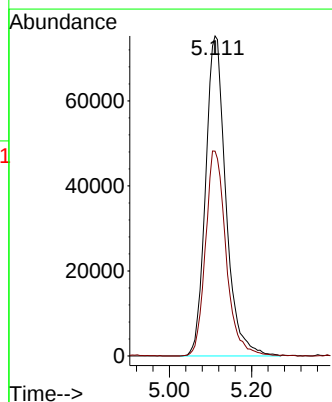
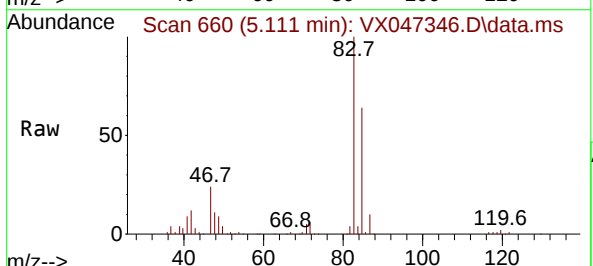
Delta R.T. 0.007 min

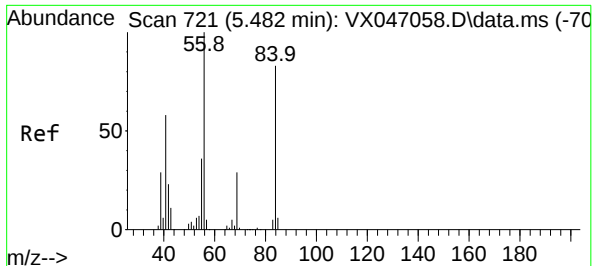
Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Tgt Ion: 83 Resp: 257758

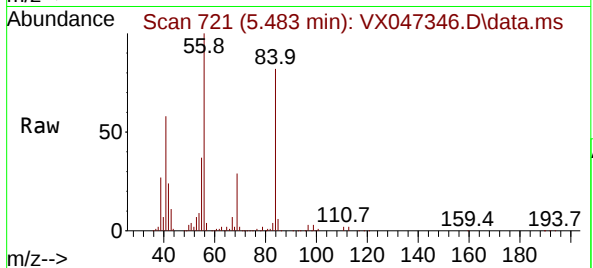
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3





#31
Cyclohexane
Concen: 40.057 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

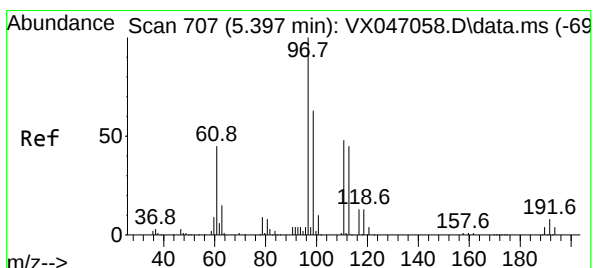
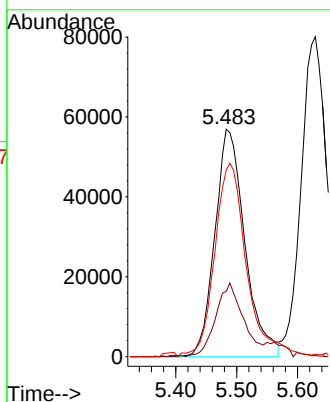
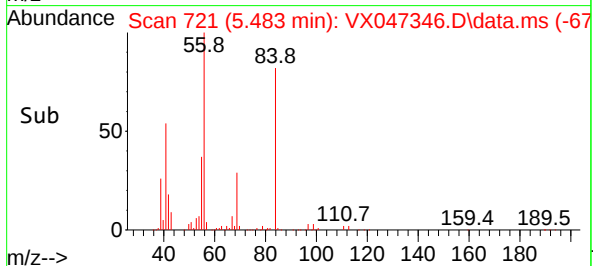
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 194284
Ion Ratio Lower Upper
56 100
69 28.2 23.3 34.9
84 82.0 66.5 99.7

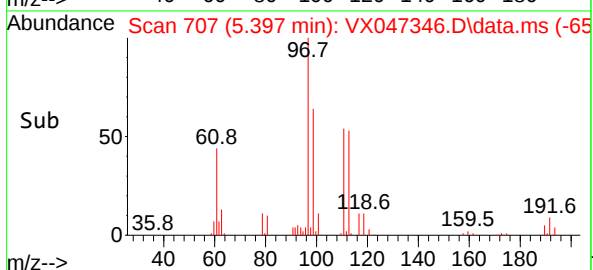
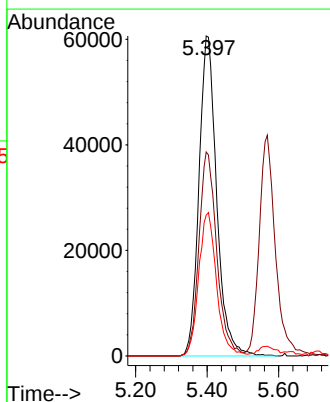
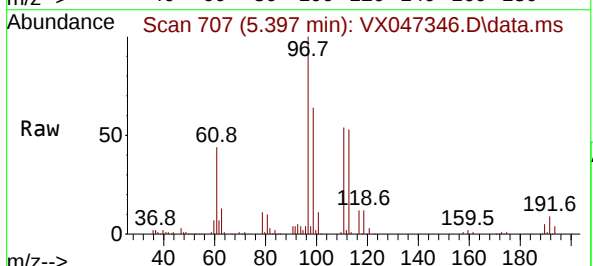
Manual Integrations
APPROVED

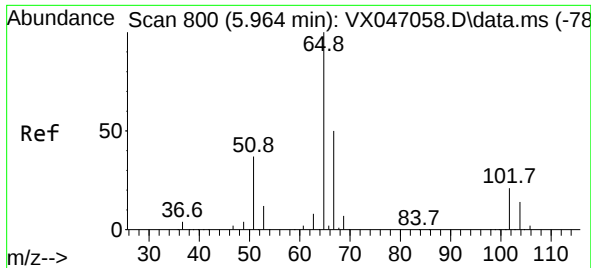
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 46.599 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

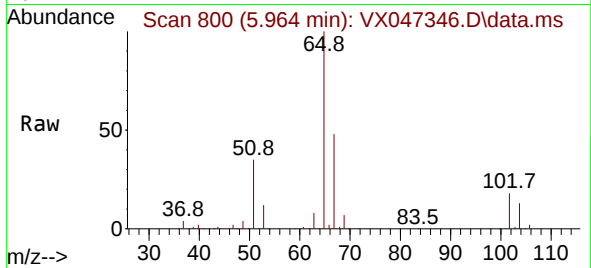
Tgt Ion: 97 Resp: 208412
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 45.3 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 54.745 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

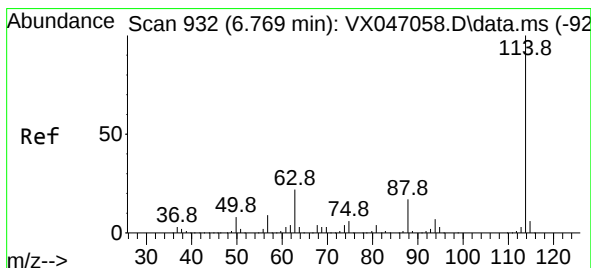
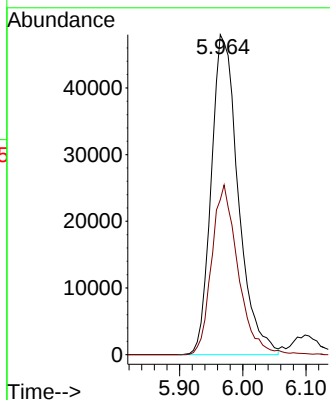
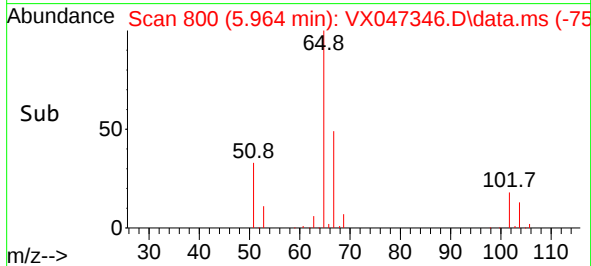
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



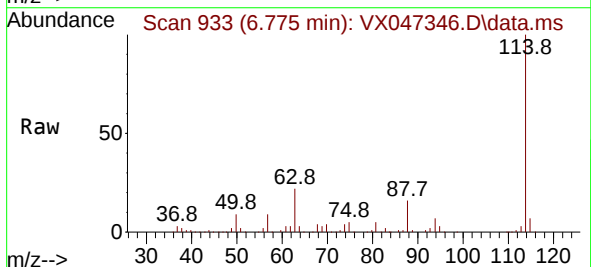
Tgt Ion: 65 Resp: 142035
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8

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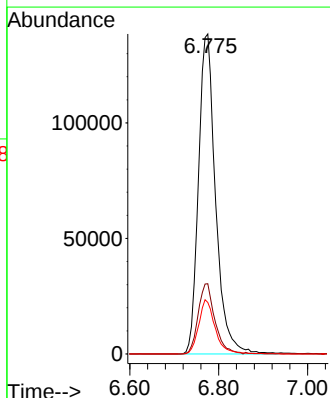
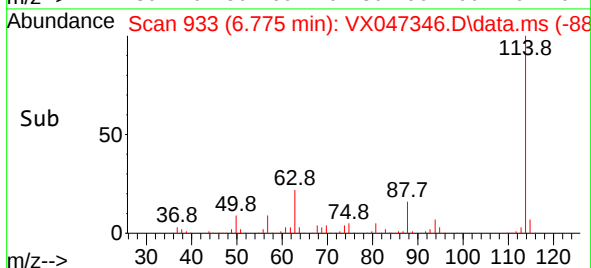
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

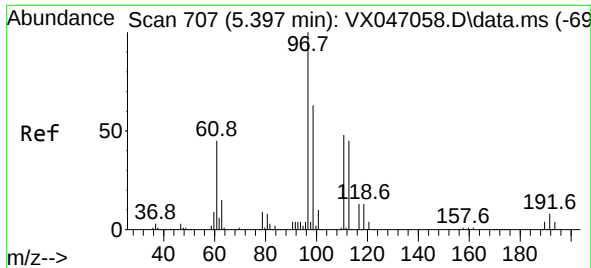


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.007 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48



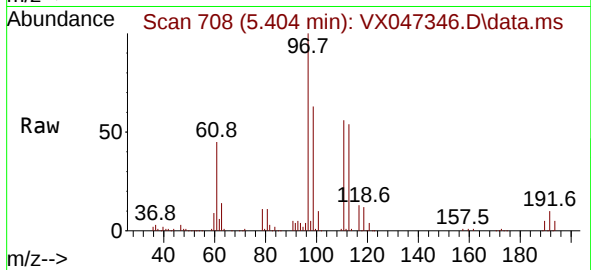
Tgt Ion:114 Resp: 371282
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.1 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.213 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

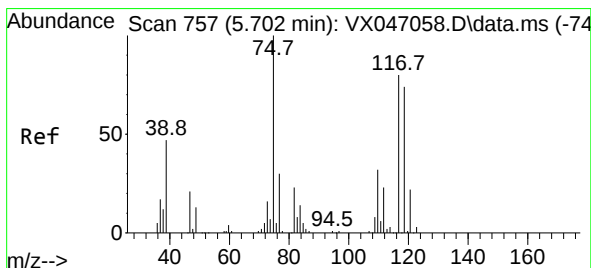
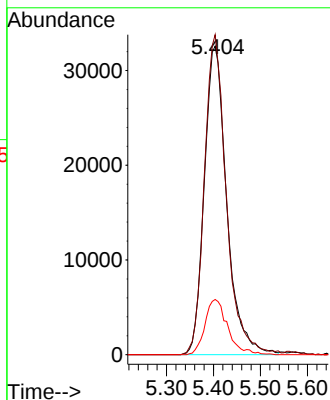
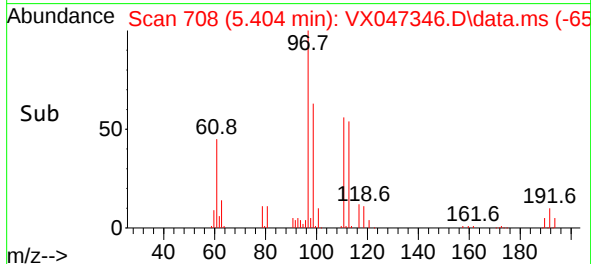
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 10823
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 18.1 14.9 22.3

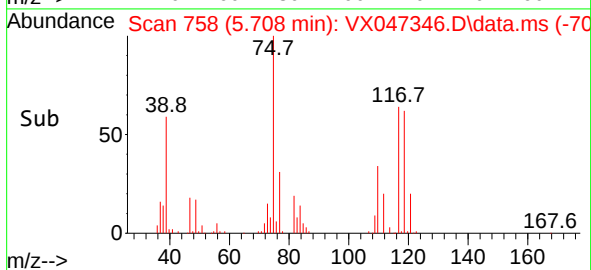
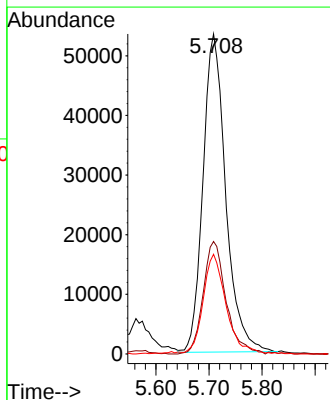
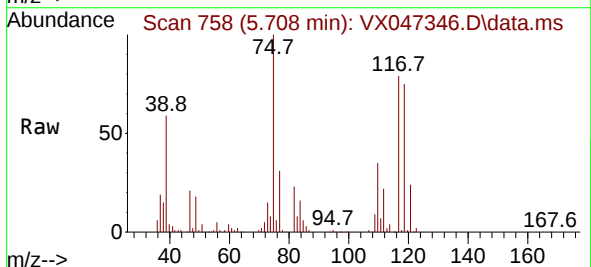
Manual Integrations
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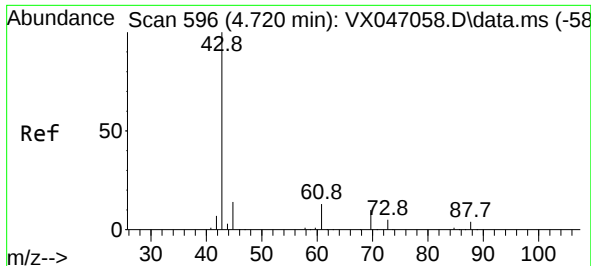
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#36
1,1-Dichloropropene
Concen: 40.742 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Tgt Ion: 75 Resp: 159206
Ion Ratio Lower Upper
75 100
110 35.4 17.2 51.5
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 56.537 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 203572

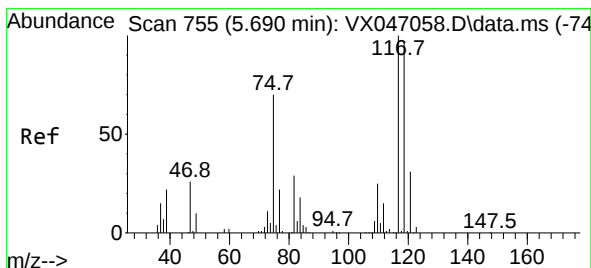
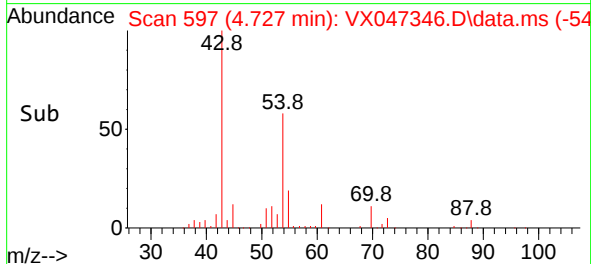
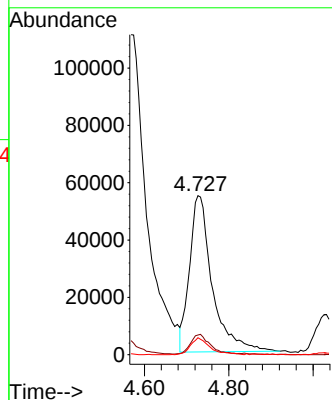
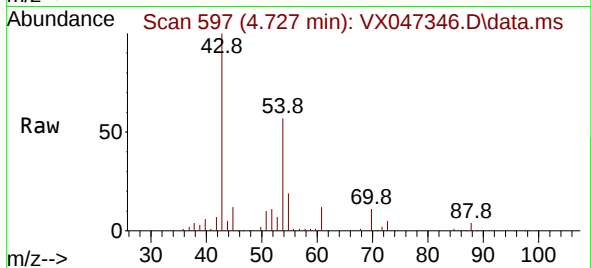
Ion	Ratio	Lower	Upper
43	100		
61	10.6	10.2	15.2
70	9.1	8.1	12.1

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#38

Carbon Tetrachloride

Concen: 43.627 ug/l

RT: 5.696 min Scan# 756

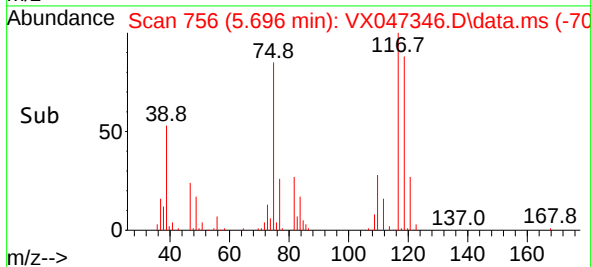
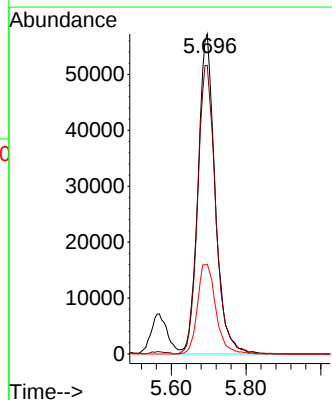
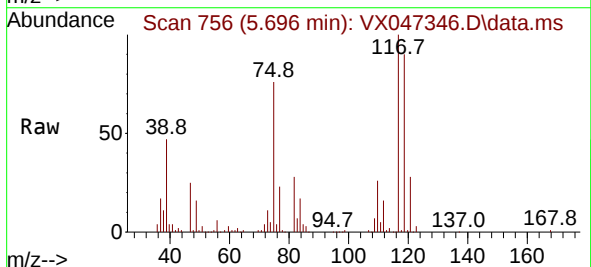
Delta R.T. 0.007 min

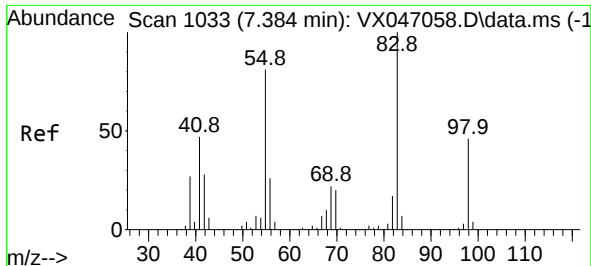
Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Tgt Ion:117 Resp: 181954

Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.6	115.0
121	28.1	24.4	36.6





#39

Methylcyclohexane

Concen: 38.272 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

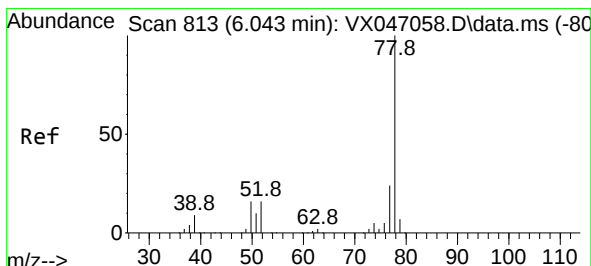
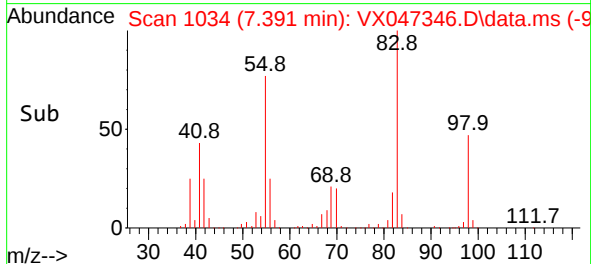
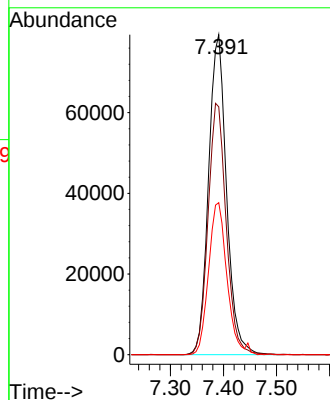
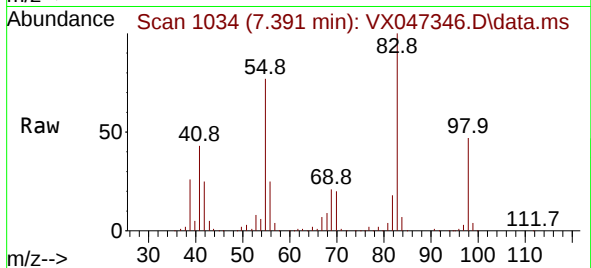
Tgt Ion:	83	Resp:	186724
Ion Ratio	Lower	Upper	
83	100		
55	77.5	64.5	96.7
98	47.5	36.9	55.3

Manual Integrations

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Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 46.260 ug/l

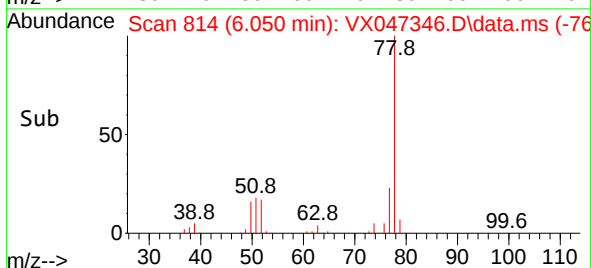
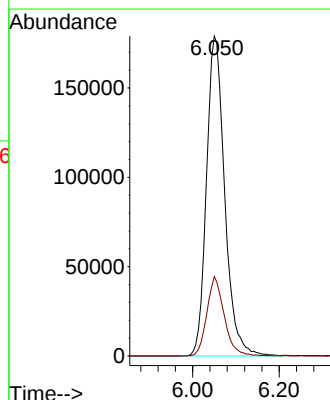
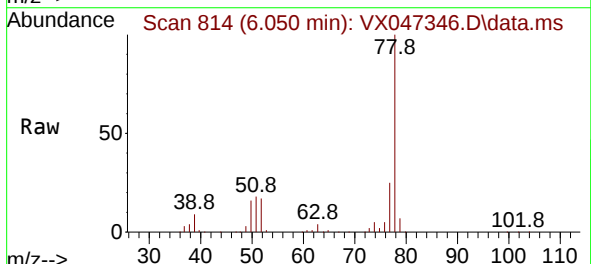
RT: 6.050 min Scan# 814

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

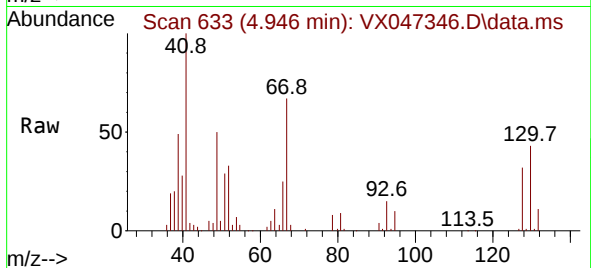
Tgt Ion:	78	Resp:	523138
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.0	28.4





#41
Methacrylonitrile
Concen: 48.853 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.019 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

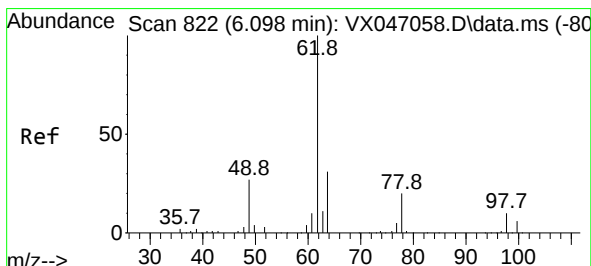
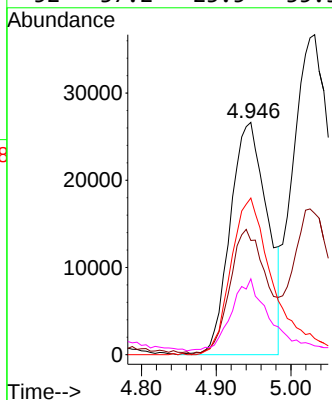
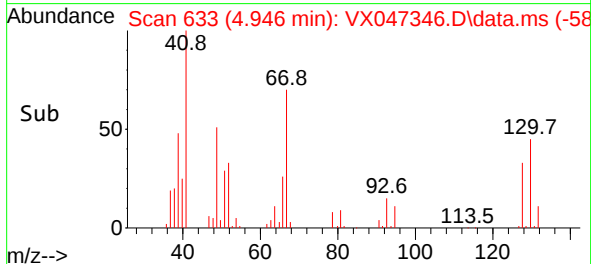
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 91974
Ion Ratio Lower Upper
41 100
39 53.8 44.2 66.2
67 77.2 56.4 84.6
52 37.2 23.5 35.3#

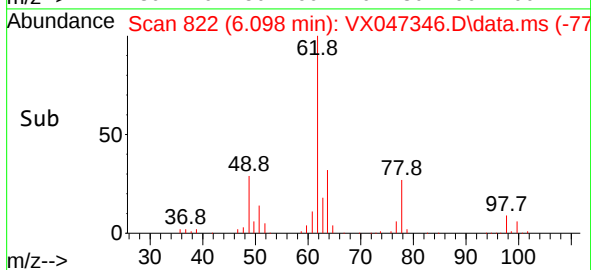
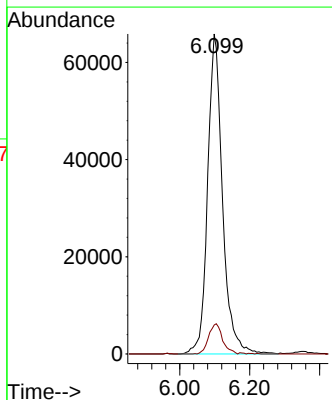
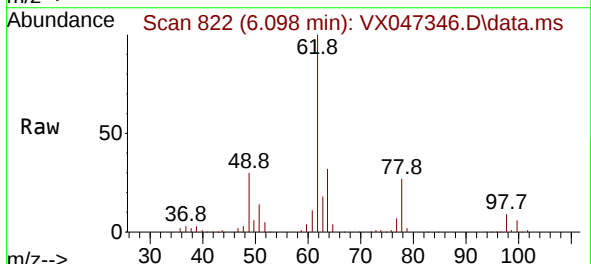
Manual Integrations
APPROVED

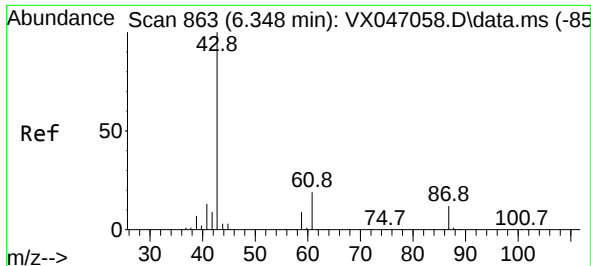
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 48.749 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

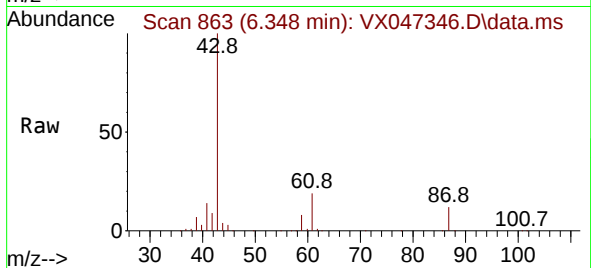
Tgt Ion: 62 Resp: 194195
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8





#43
Isopropyl Acetate
Concen: 53.447 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

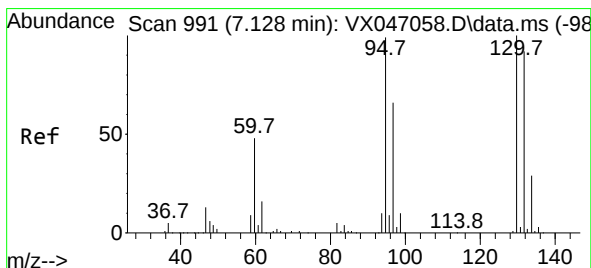
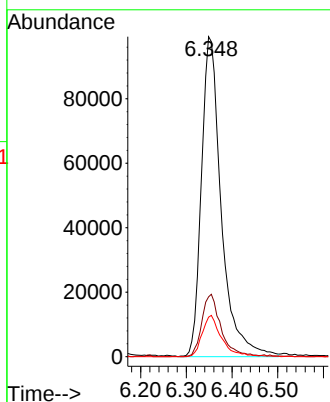
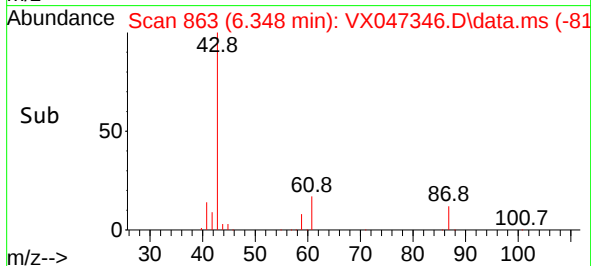
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 300019
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 12.6 9.7 14.5

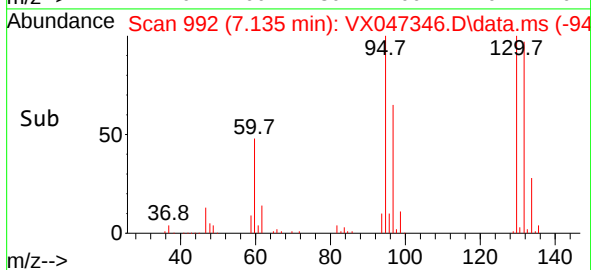
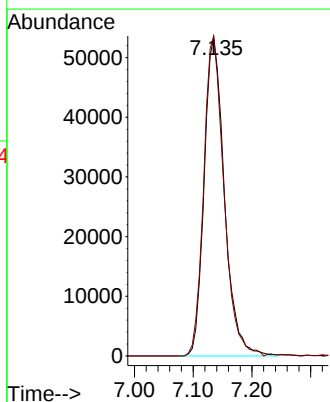
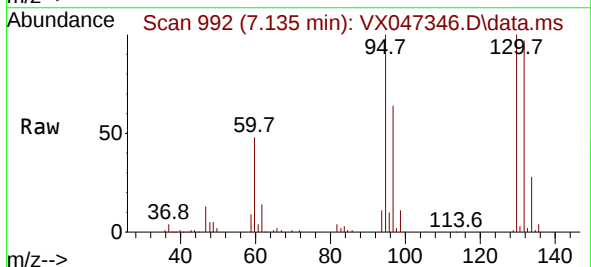
Manual Integrations
APPROVED

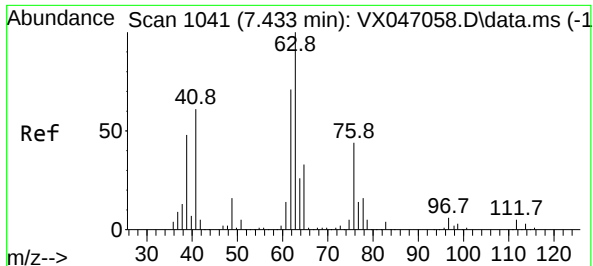
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 44.020 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Tgt Ion:130 Resp: 127653
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 47.350 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13411

Ion Ratio Lower Upper

63 100

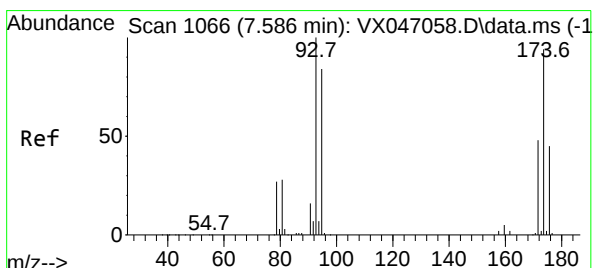
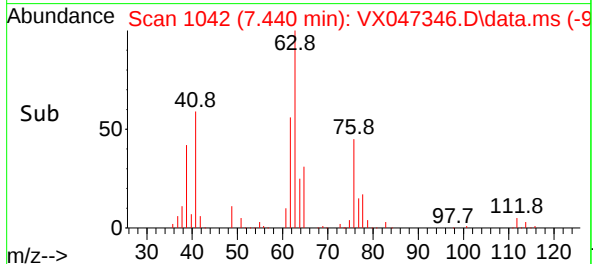
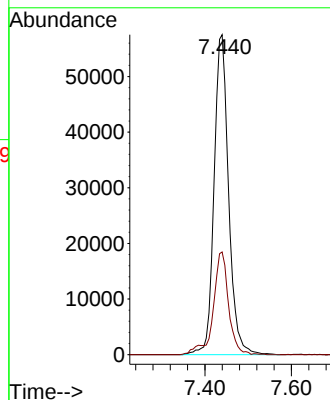
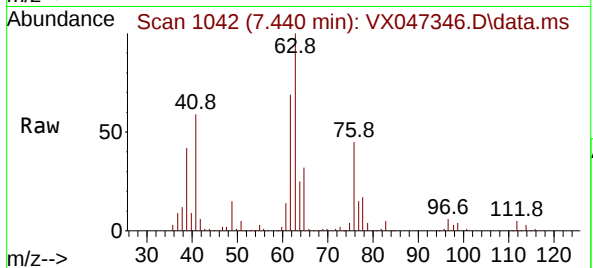
65 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 51.312 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

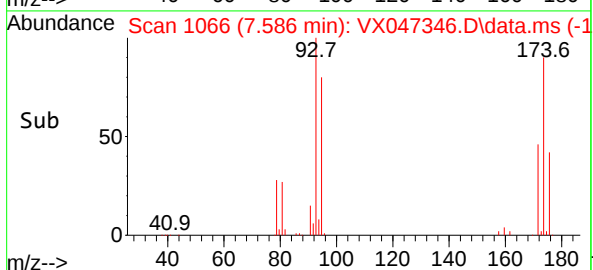
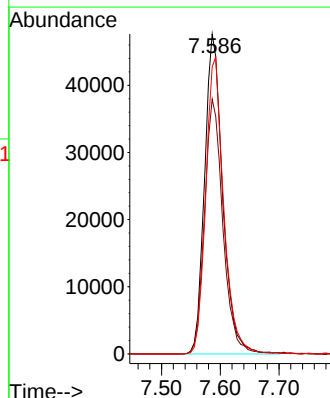
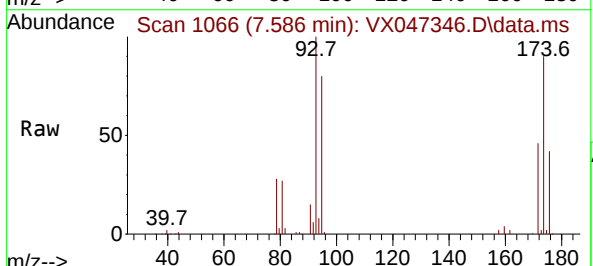
Tgt Ion: 93 Resp: 101916

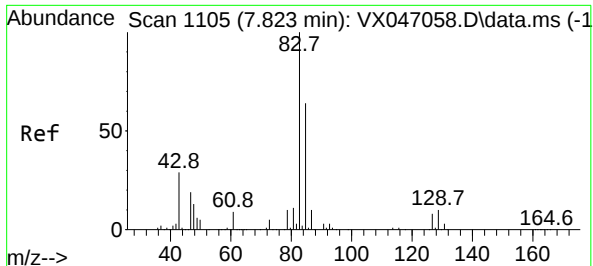
Ion Ratio Lower Upper

93 100

95 80.7 65.9 98.9

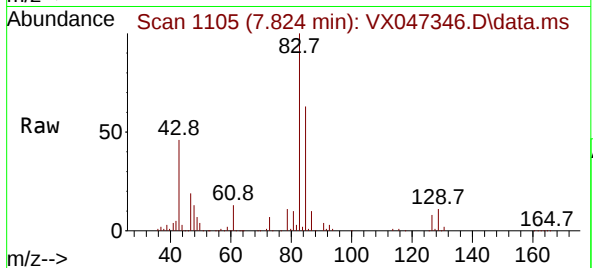
174 92.3 74.6 112.0





#47
Bromodichloromethane
Concen: 48.109 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

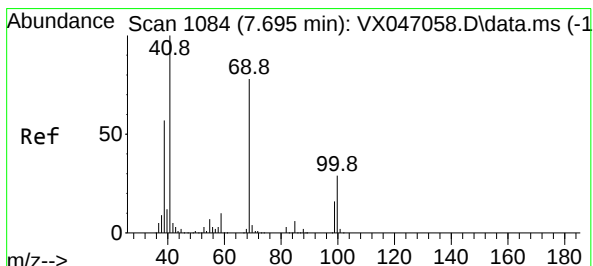
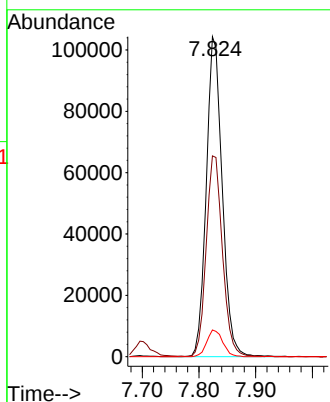
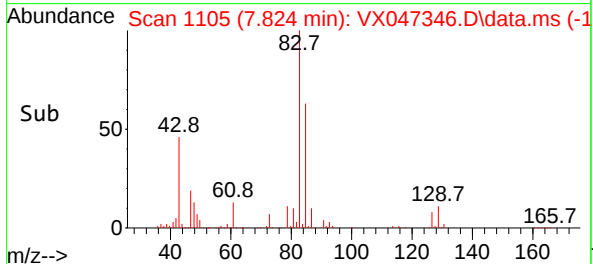
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



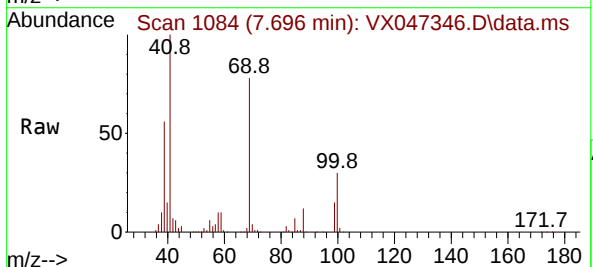
Tgt Ion: 83 Resp: 20338
Ion Ratio Lower Upper
83 100
85 62.8 49.9 74.9
127 8.3 6.6 10.0

Manual Integrations
APPROVED

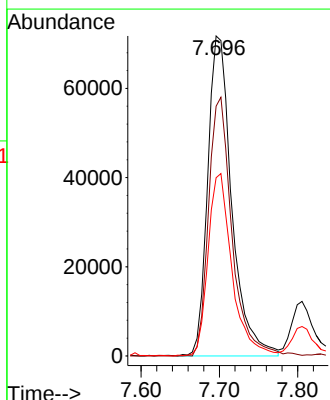
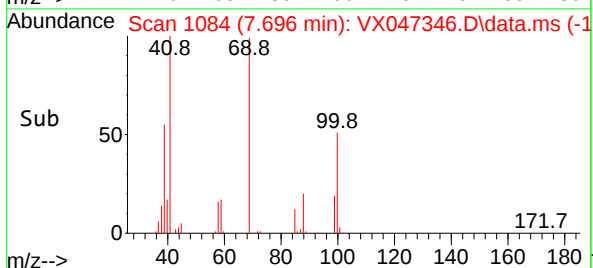
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

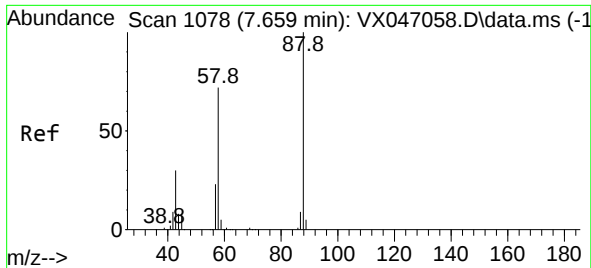


#48
Methyl methacrylate
Concen: 50.286 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



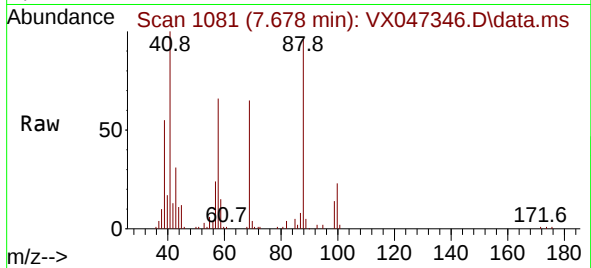
Tgt Ion: 41 Resp: 153774
Ion Ratio Lower Upper
41 100
69 78.6 62.3 93.5
39 56.6 44.8 67.2





#49
1,4-Dioxane
Concen: 970.369 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.019 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

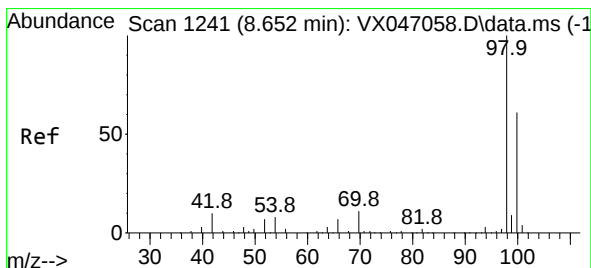
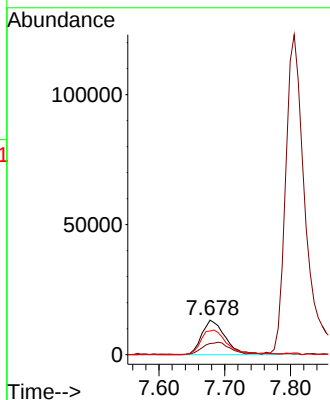
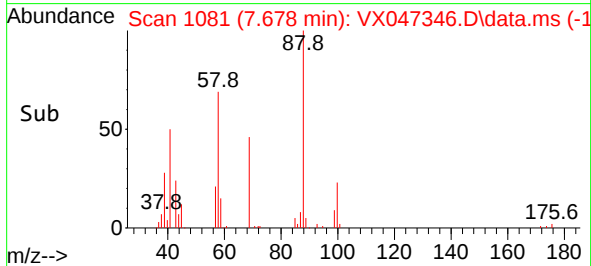
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33750
Ion Ratio Lower Upper
88 100
43 38.7 33.6 50.4
58 78.0 58.8 88.2

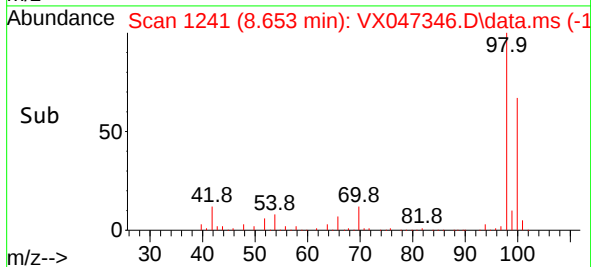
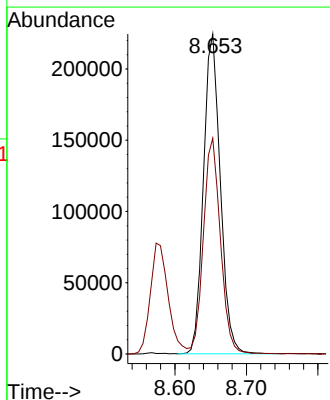
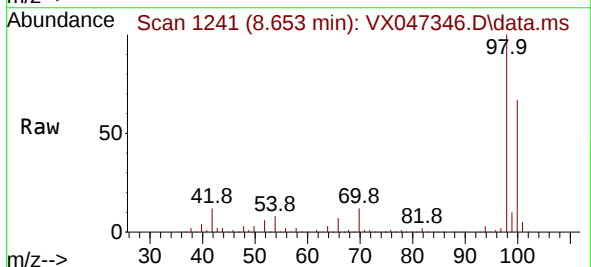
Manual Integrations
APPROVED

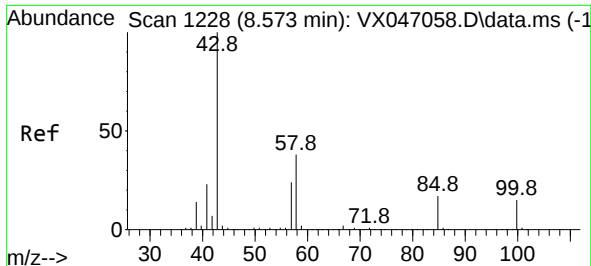
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 49.520 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

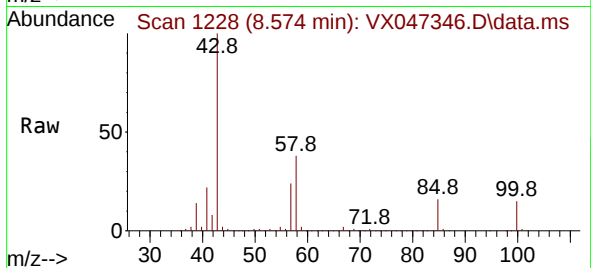
Tgt Ion: 98 Resp: 367633
Ion Ratio Lower Upper
98 100
100 68.0 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 273.536 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

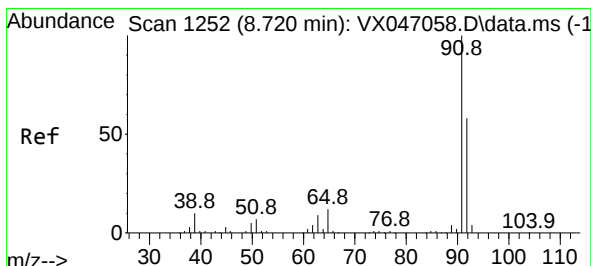
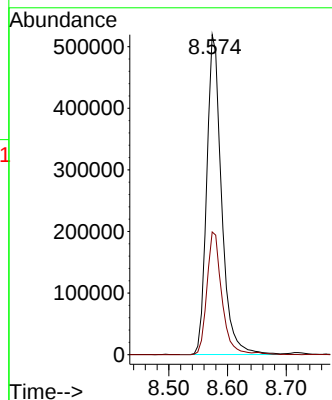
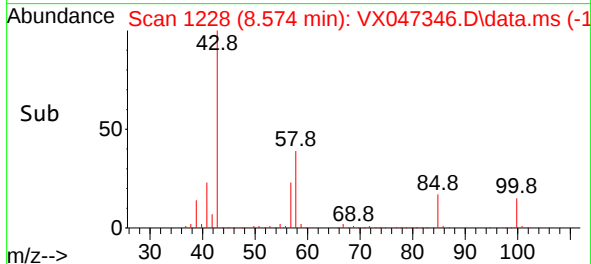
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 912658
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

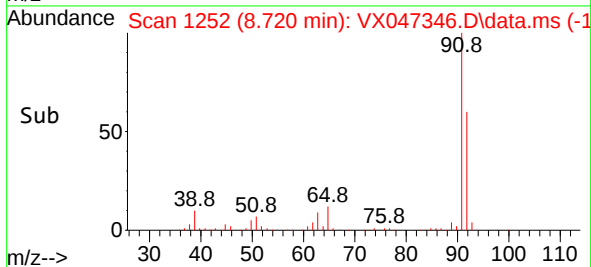
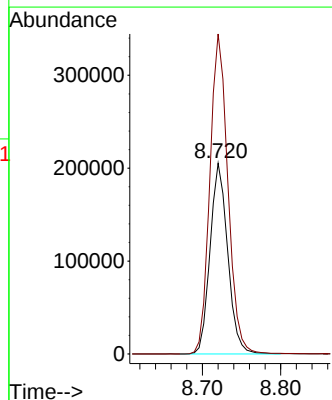
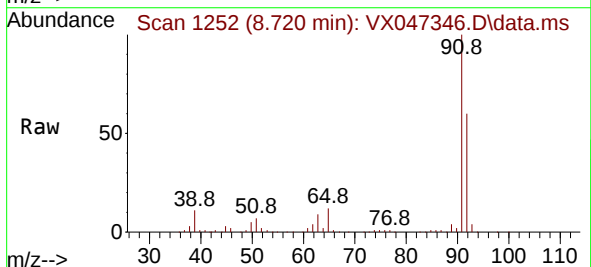
Manual Integrations
APPROVED

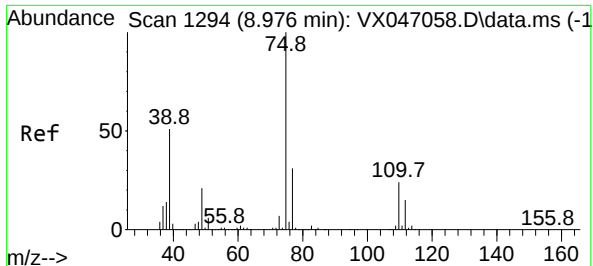
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 46.158 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Tgt Ion: 92 Resp: 320957
Ion Ratio Lower Upper
92 100
91 171.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 47.148 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 188220

Ion Ratio Lower Upper

75 100

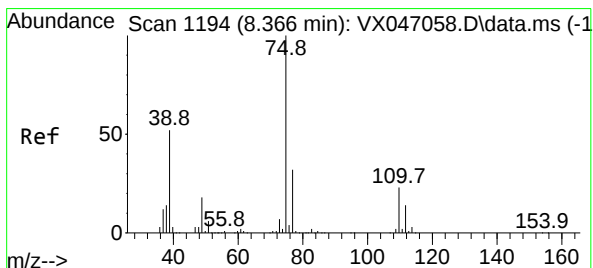
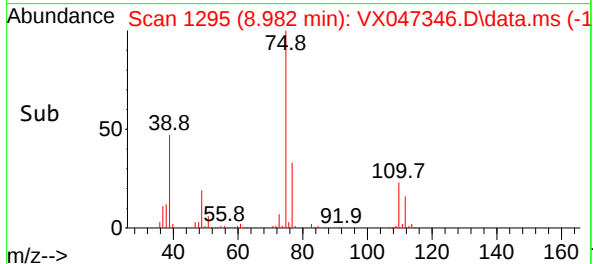
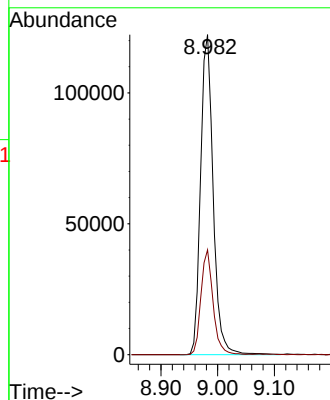
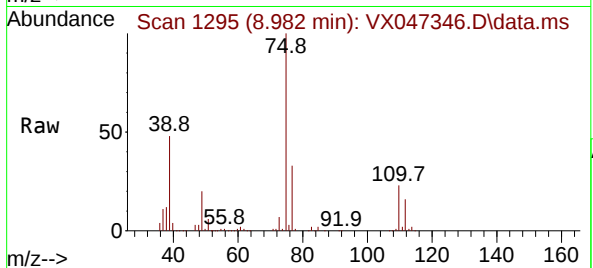
77 32.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#54

cis-1,3-Dichloropropene

Concen: 46.601 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

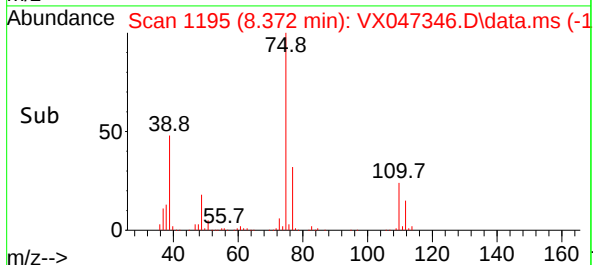
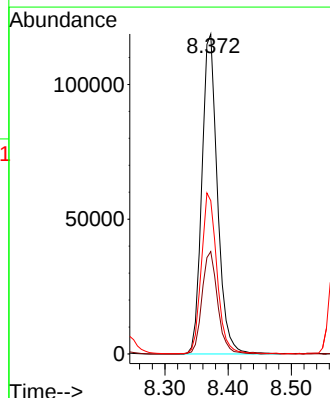
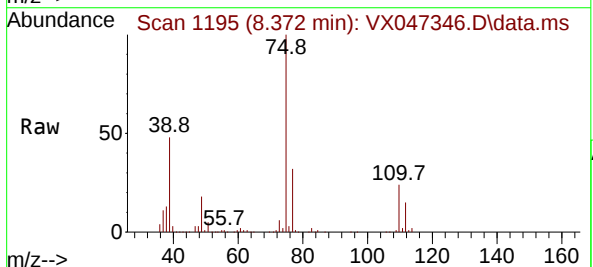
Tgt Ion: 75 Resp: 203618

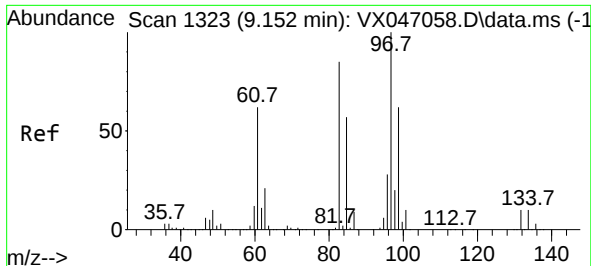
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

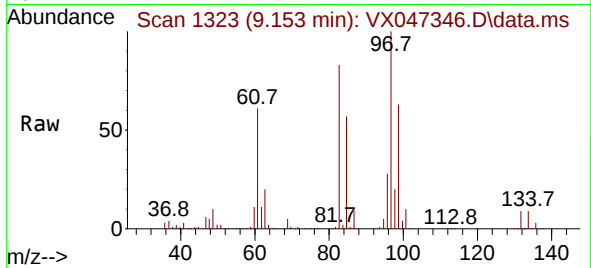
39 47.8 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 50.800 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

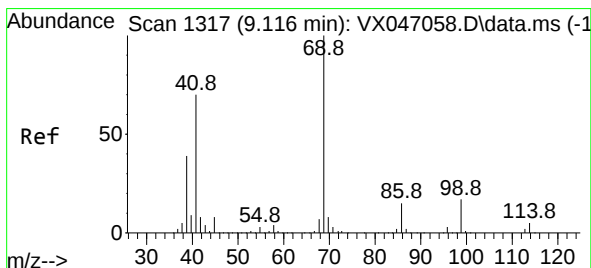
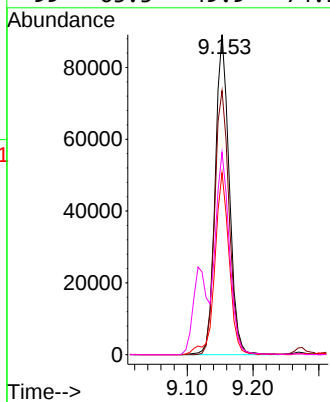
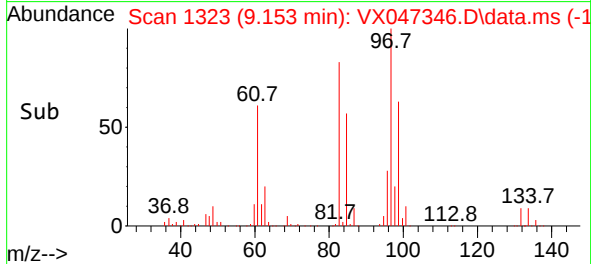
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



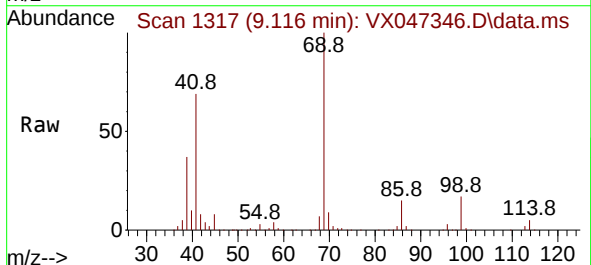
Tgt Ion: 97 Resp: 132472
Ion Ratio Lower Upper
97 100
83 82.5 68.0 102.0
85 56.8 45.2 67.8
99 63.3 49.9 74.9

Manual Integrations
APPROVED

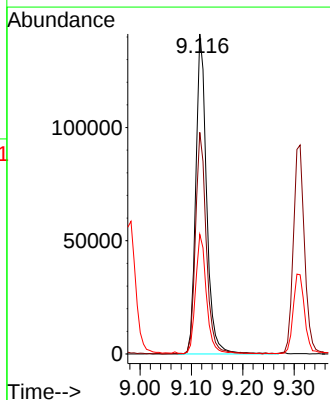
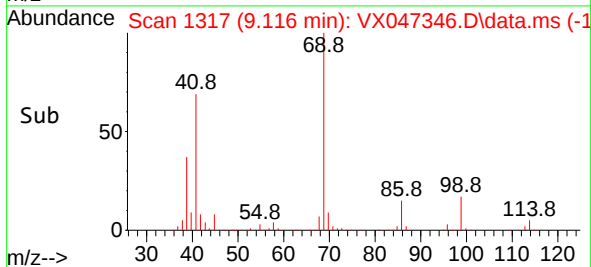
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

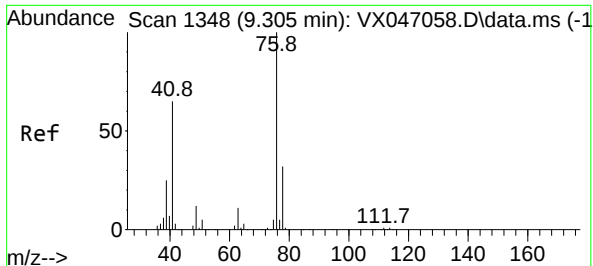


#56
Ethyl methacrylate
Concen: 53.433 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



Tgt Ion: 69 Resp: 206281
Ion Ratio Lower Upper
69 100
41 70.0 56.1 84.1
39 37.1 31.1 46.7





#57

1,3-Dichloropropane

Concen: 49.129 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22265

Ion Ratio Lower Upper

76 100

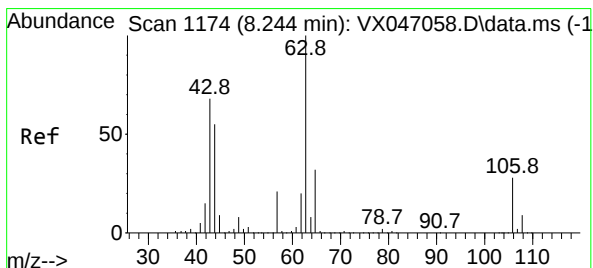
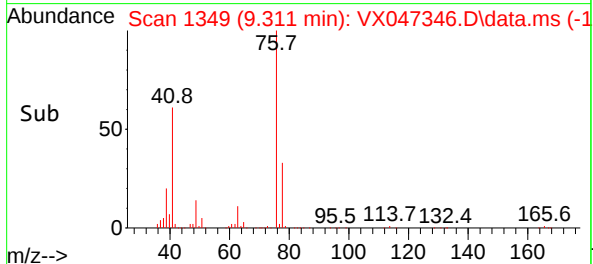
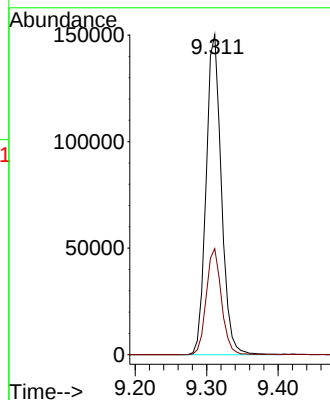
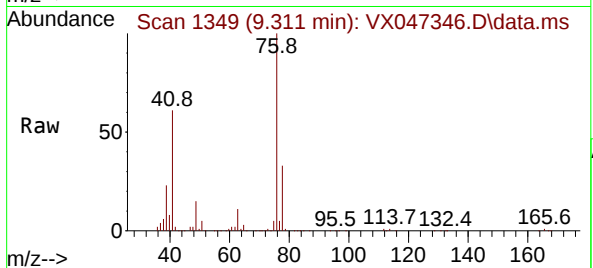
78 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 218.383 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047346.D

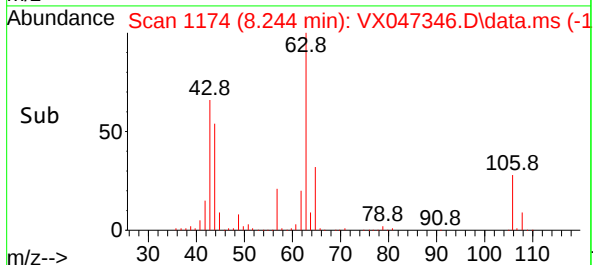
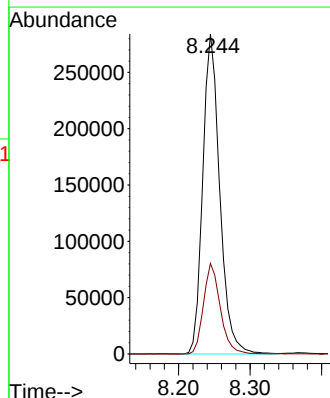
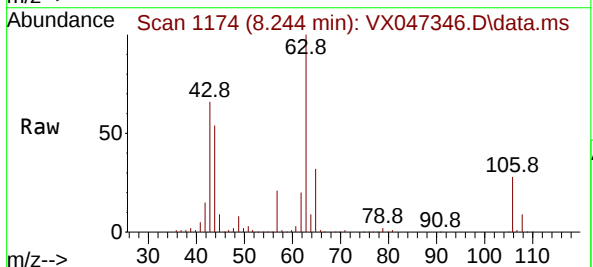
Acq: 14 Aug 2025 17:48

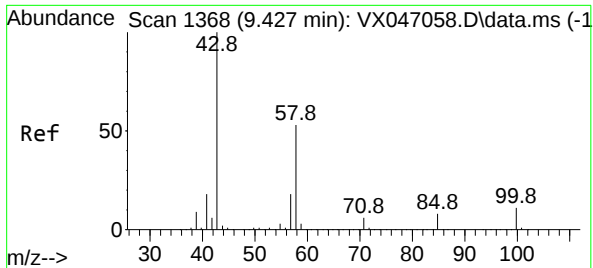
Tgt Ion: 63 Resp: 469143

Ion Ratio Lower Upper

63 100

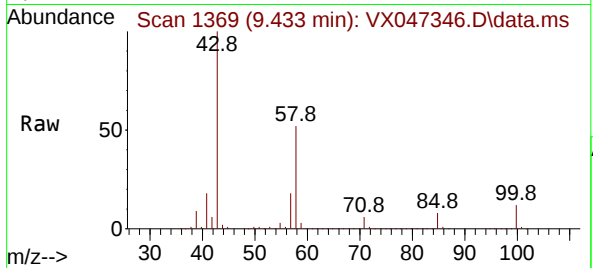
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 291.456 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

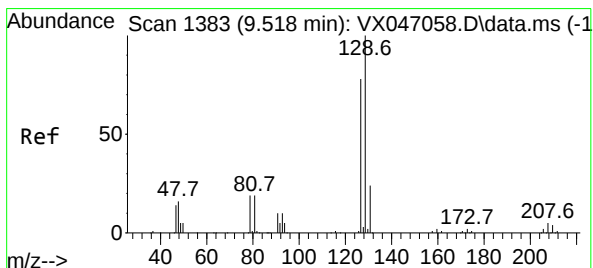
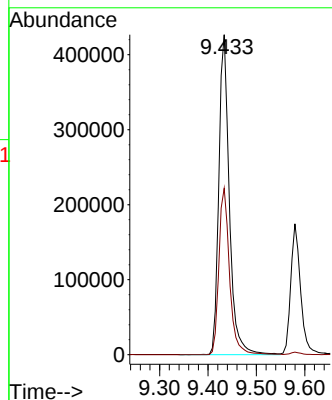
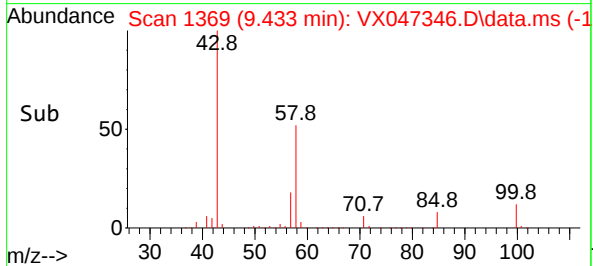
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 642479
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

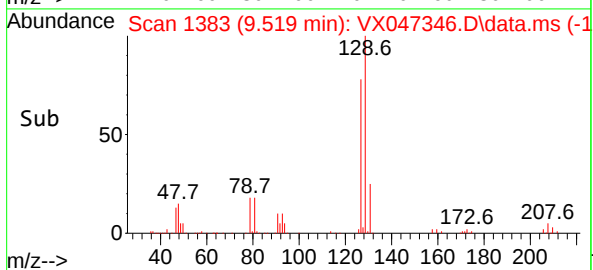
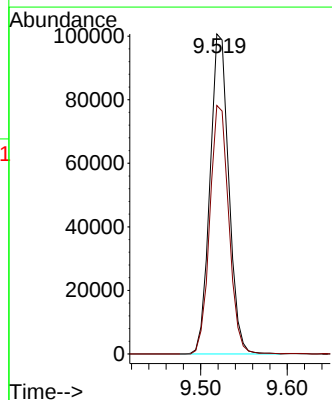
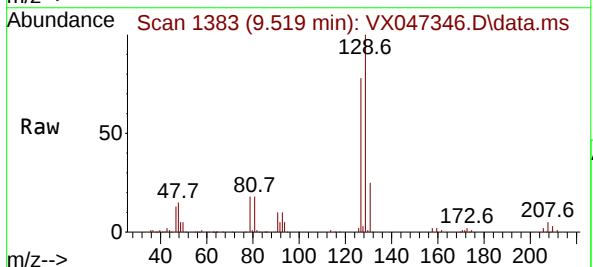
Manual Integrations
APPROVED

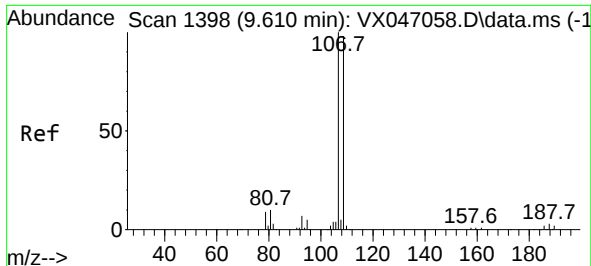
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 49.621 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

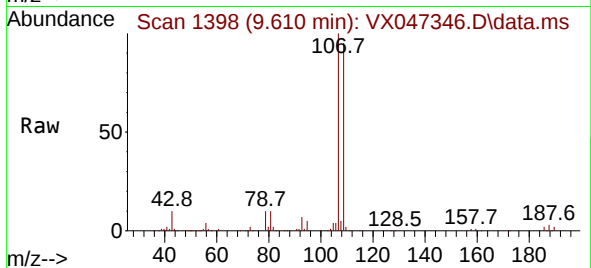
Tgt Ion:129 Resp: 151761
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.748 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

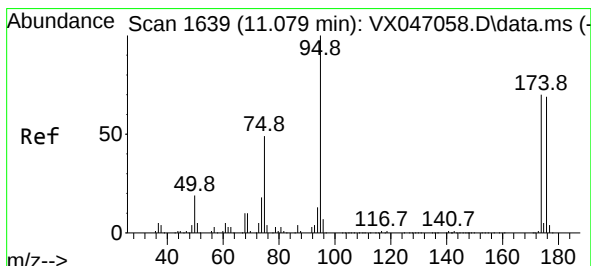
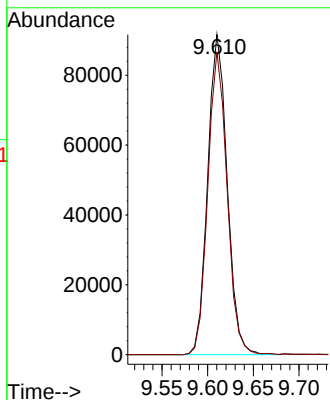
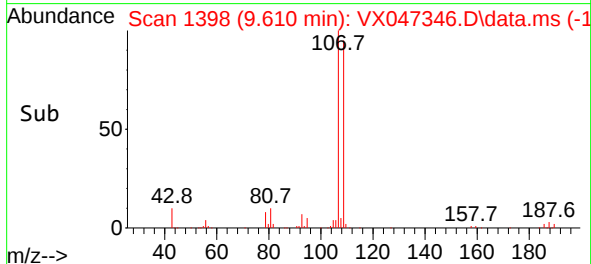
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



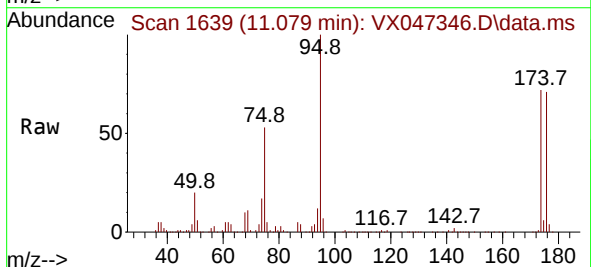
Tgt Ion:107 Resp: 135649
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
APPROVED

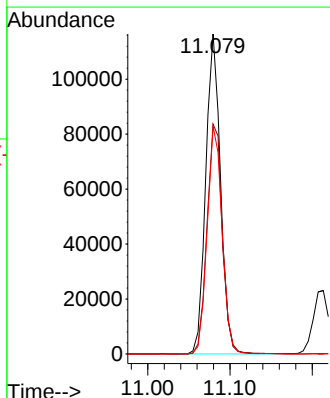
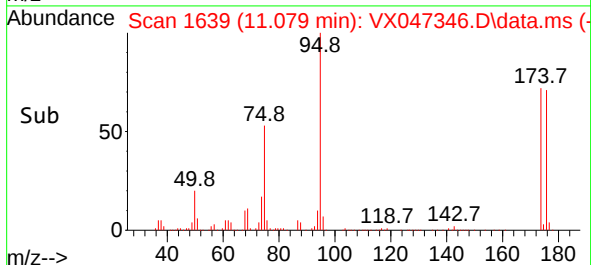
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

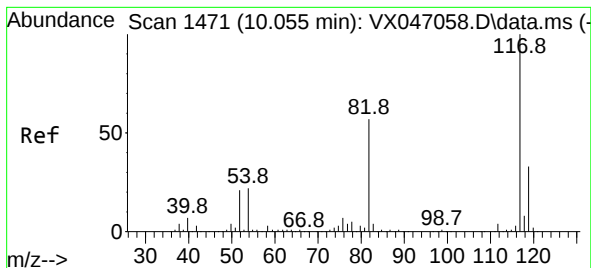


#62
4-Bromofluorobenzene
Concen: 45.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



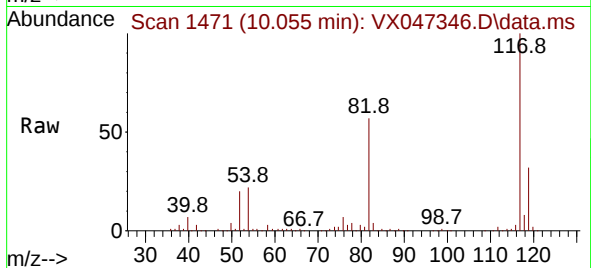
Tgt Ion: 95 Resp: 144917
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.6
176 72.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

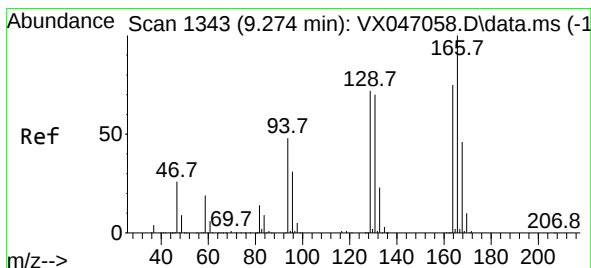
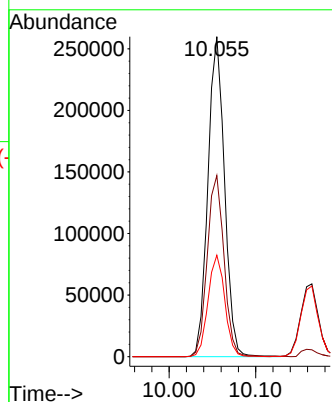
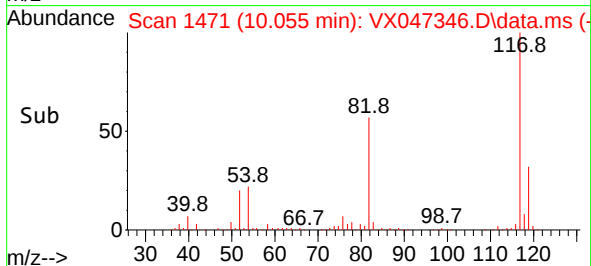
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 345833
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 31.7 26.1 39.1

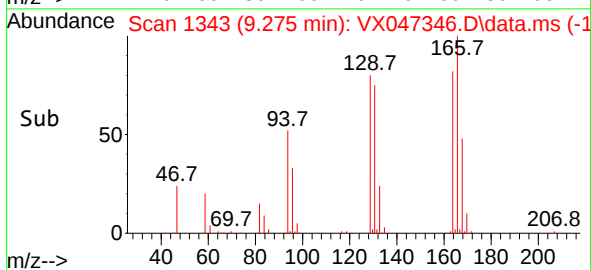
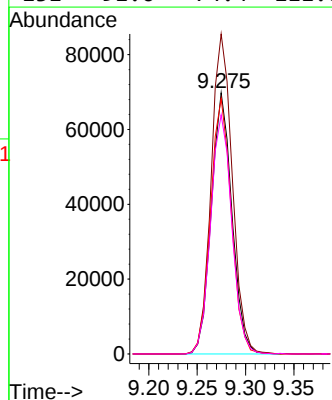
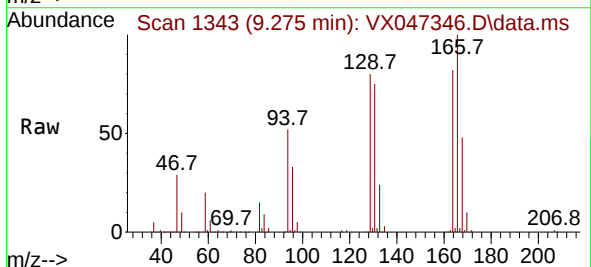
Manual Integrations
APPROVED

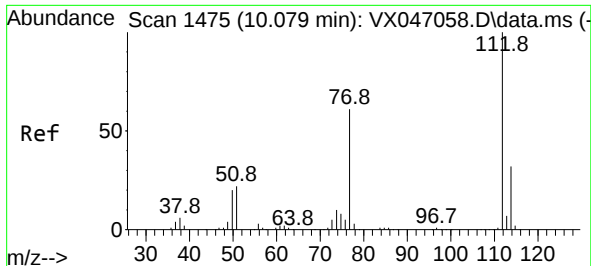
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 41.472 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

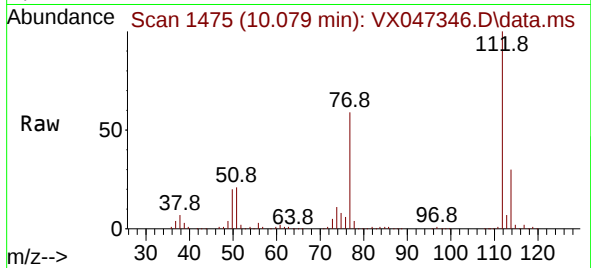
Tgt Ion:164 Resp: 103393
Ion Ratio Lower Upper
164 100
166 122.5 106.2 159.4
129 97.8 76.6 114.8
131 91.6 74.4 111.6





#65
Chlorobenzene
Concen: 44.744 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

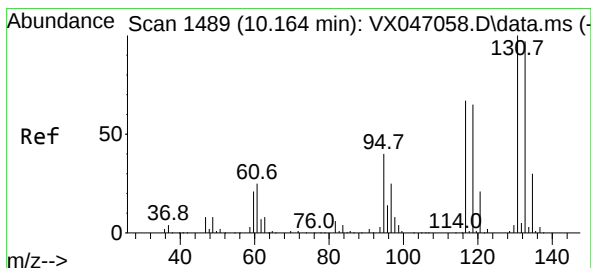
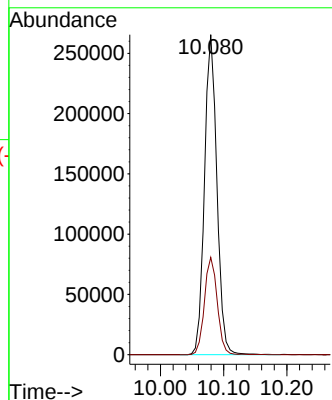
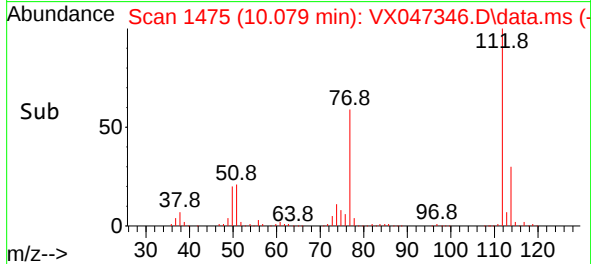
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 36250
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.6

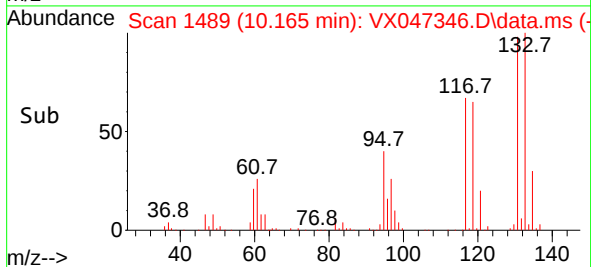
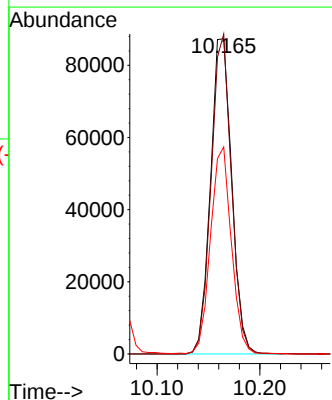
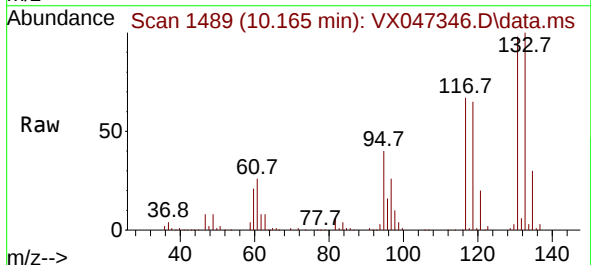
Manual Integrations
APPROVED

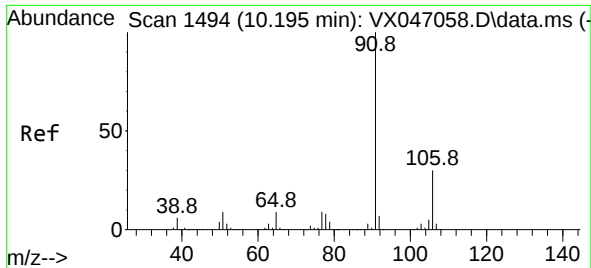
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 45.994 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

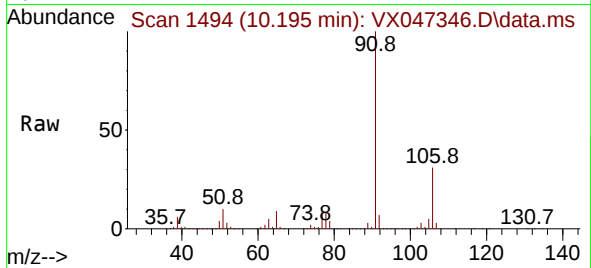
Tgt Ion:131 Resp: 125458
Ion Ratio Lower Upper
131 100
133 96.5 48.4 145.3
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 43.616 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

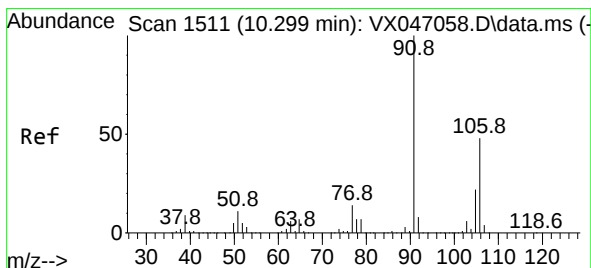
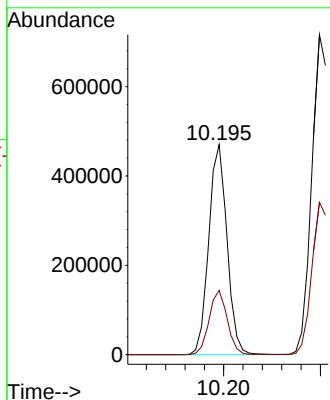
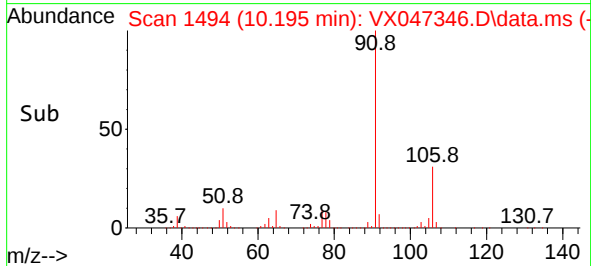
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



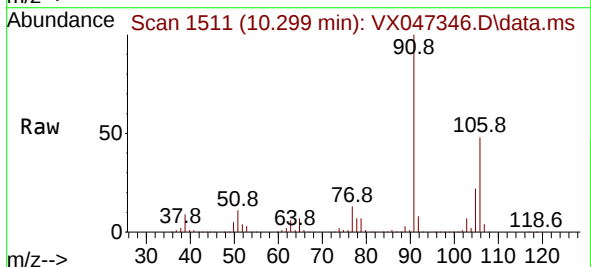
Tgt Ion: 91 Resp: 61784
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

Manual Integrations
APPROVED

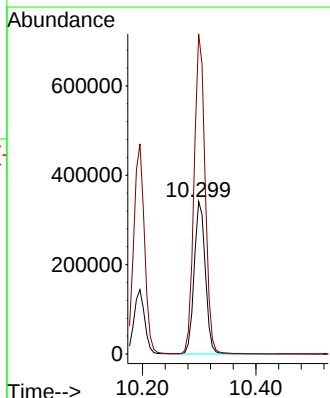
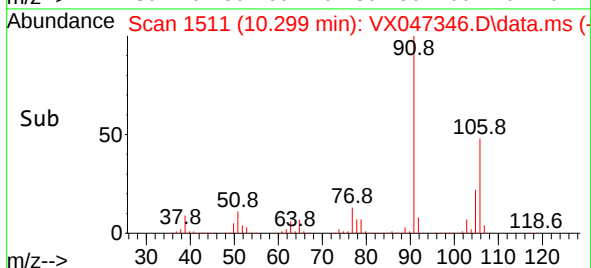
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

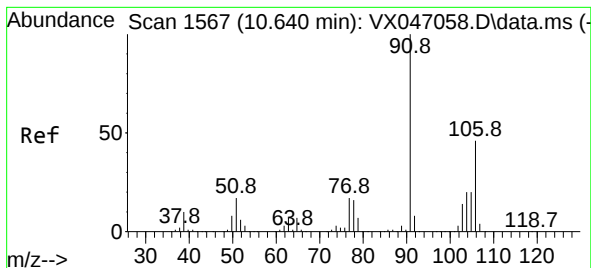


#68
m/p-Xylenes
Concen: 87.716 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



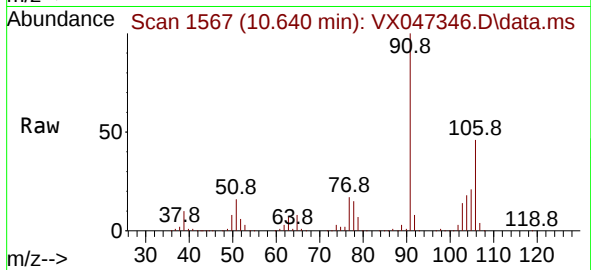
Tgt Ion:106 Resp: 464984
Ion Ratio Lower Upper
106 100
91 208.2 167.4 251.0





#69
o-Xylene
Concen: 45.384 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

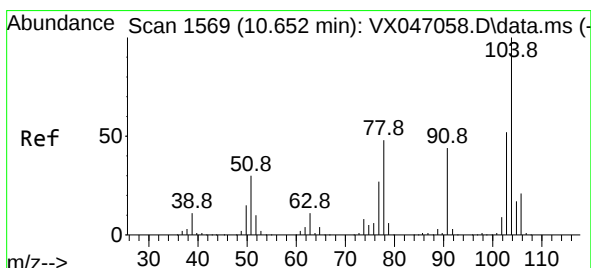
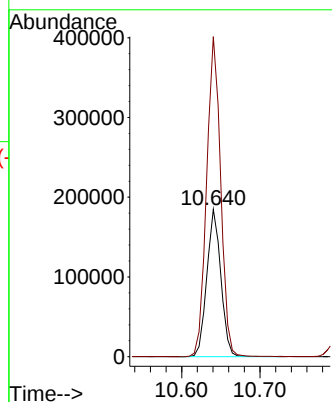
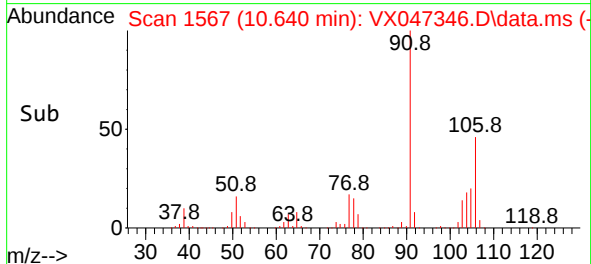
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 22887
Ion Ratio Lower Upper
106 100
91 217.8 110.3 331.0

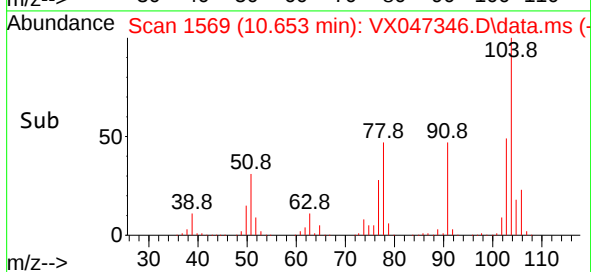
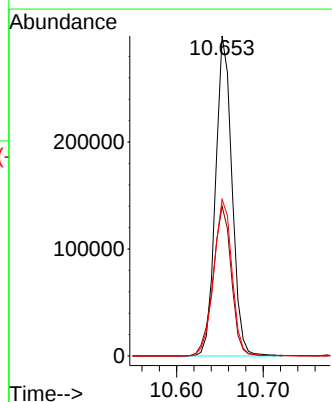
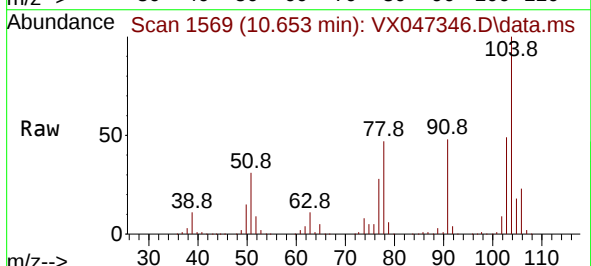
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 45.654 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

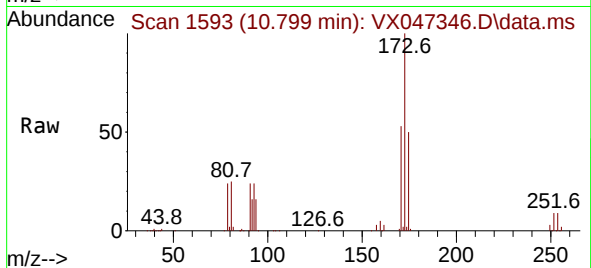
Tgt Ion:104 Resp: 394790
Ion Ratio Lower Upper
104 100
78 52.1 42.0 63.0
103 54.2 43.8 65.6





#71
Bromoform
Concen: 48.644 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

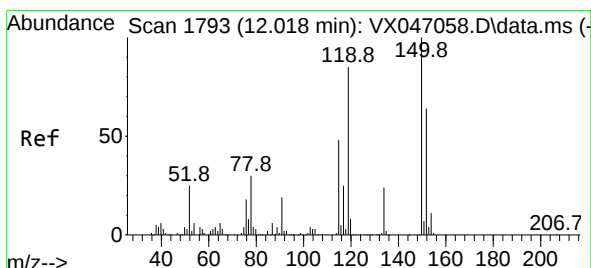
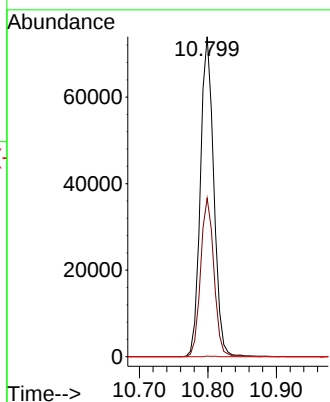
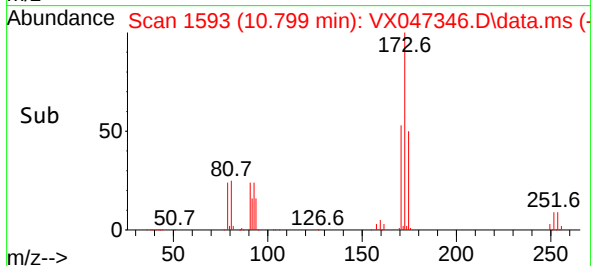
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



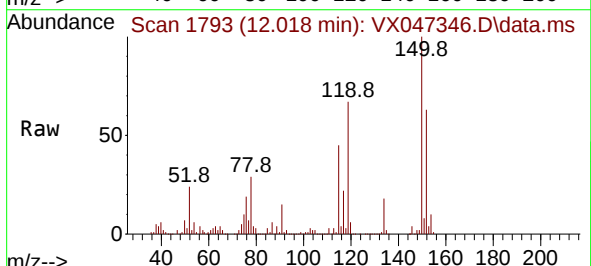
Tgt Ion:173 Resp: 100790
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

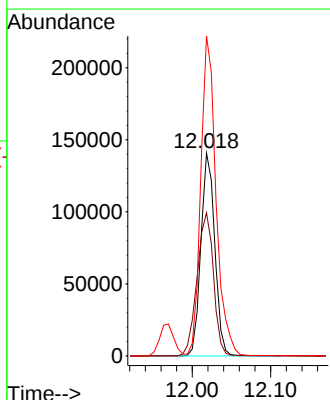
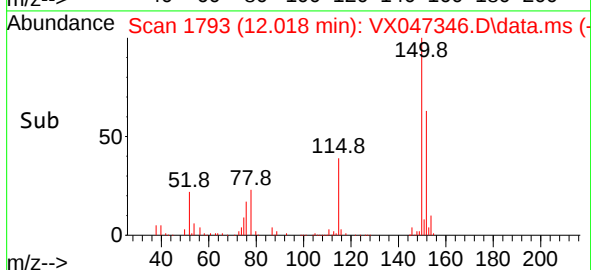
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

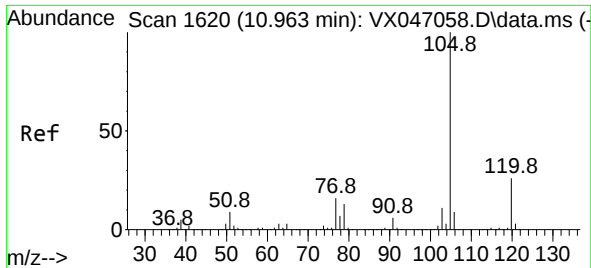


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



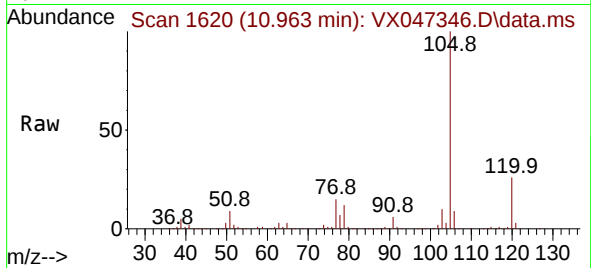
Tgt Ion:152 Resp: 173101
Ion Ratio Lower Upper
152 100
115 83.6 45.6 136.7
150 172.9 0.0 354.6





#73
Isopropylbenzene
Concen: 42.699 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

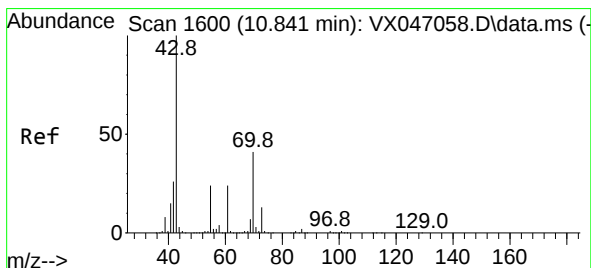
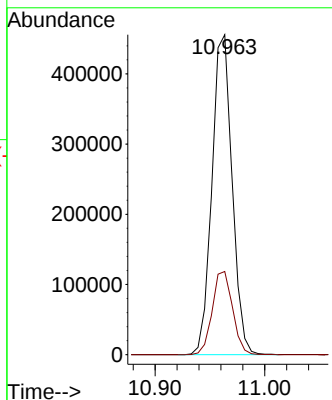
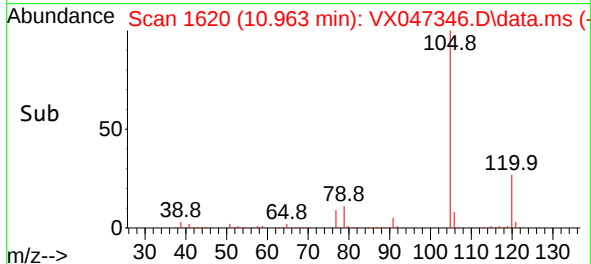
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 583129
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

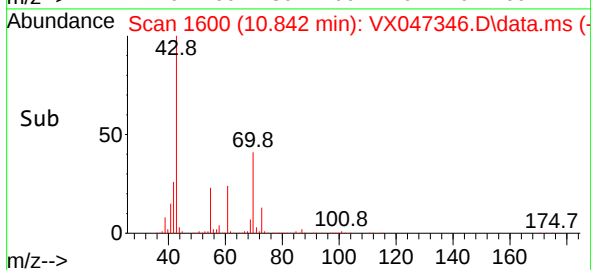
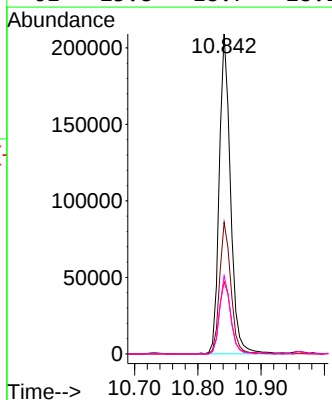
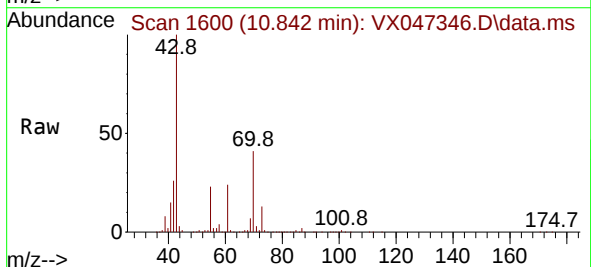
Manual Integrations
APPROVED

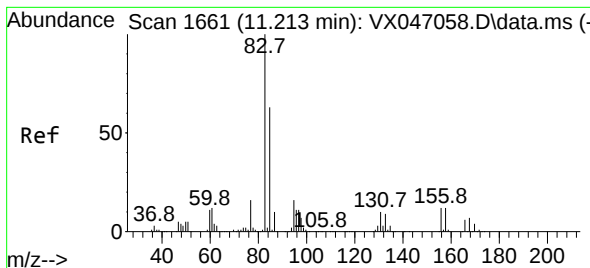
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#74
N-ethyl acetate
Concen: 46.606 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

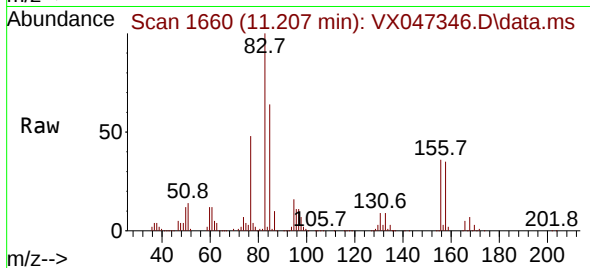
Tgt Ion: 43 Resp: 256809
Ion Ratio Lower Upper
43 100
70 41.5 32.3 48.5
55 23.8 18.9 28.3
61 23.8 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 49.195 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

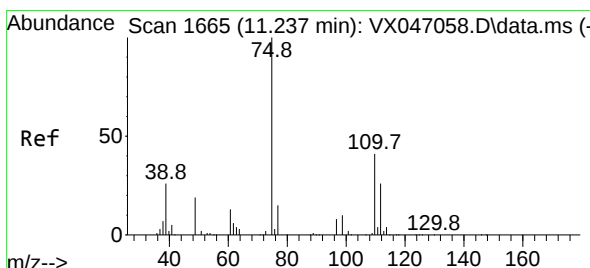
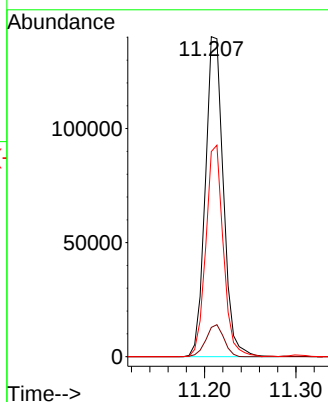
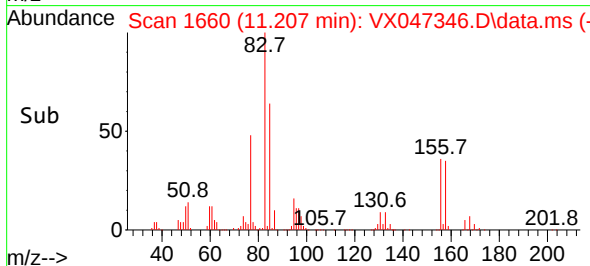
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 19190
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.9 32.0 96.2

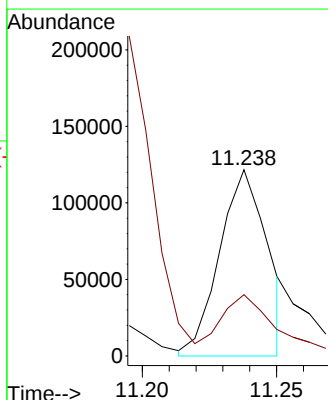
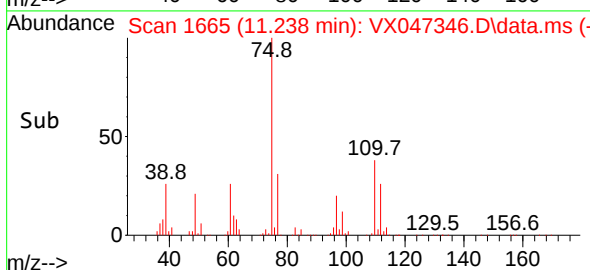
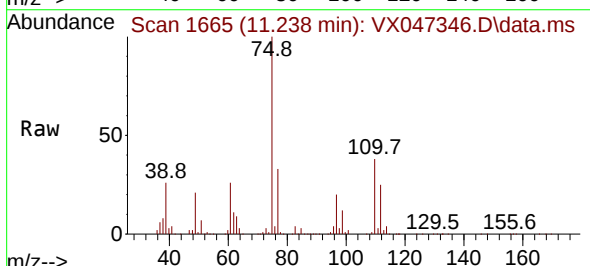
Manual Integrations
APPROVED

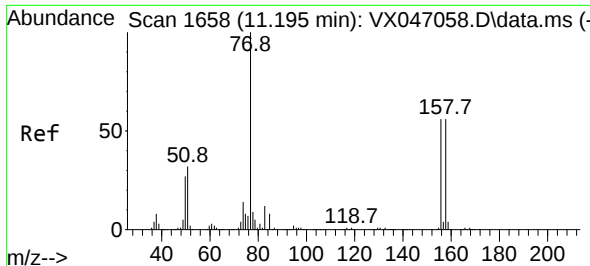
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#76
1,2,3-Trichloropropane
Concen: 46.914 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

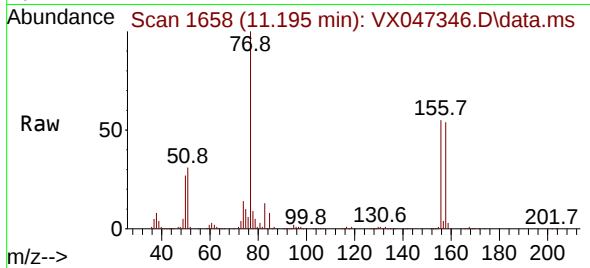
Tgt Ion: 75 Resp: 150314
Ion Ratio Lower Upper
75 100
77 39.4 21.6 65.0





#77
Bromobenzene
Concen: 44.295 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

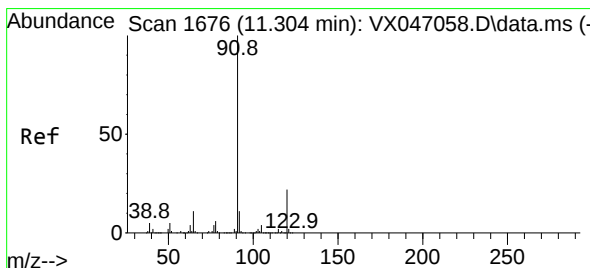
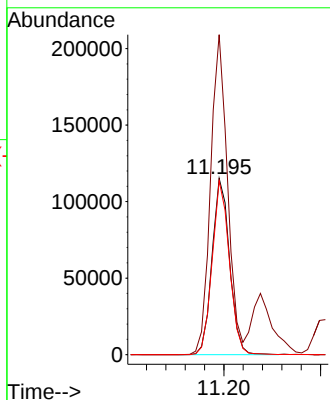
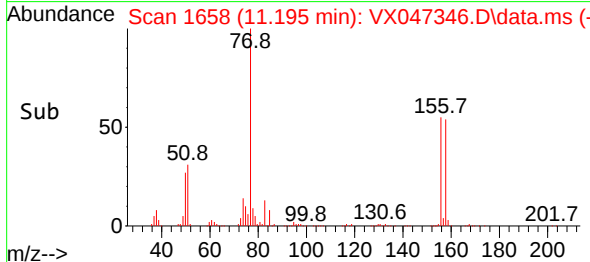
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



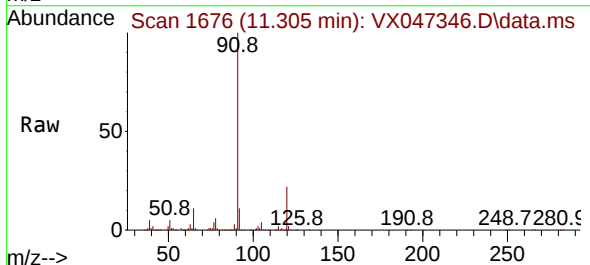
Tgt Ion:156 Resp: 145093
Ion Ratio Lower Upper
156 100
77 175.4 87.3 261.9
158 96.8 48.9 146.6

Manual Integrations
APPROVED

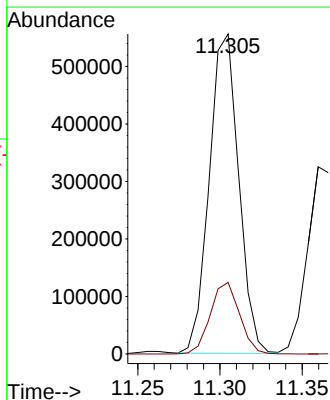
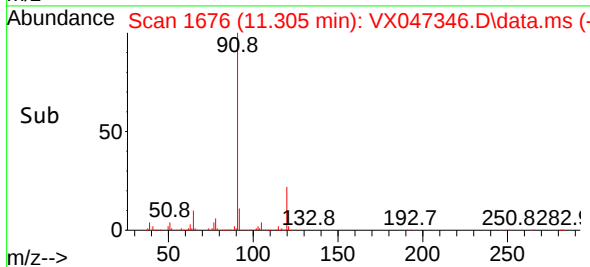
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

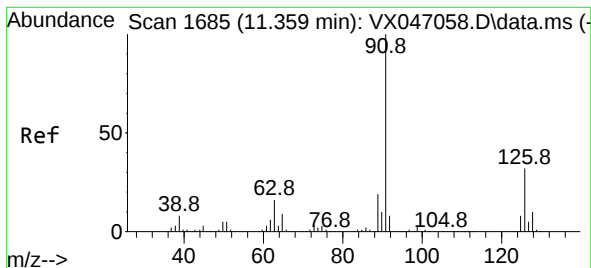


#78
n-propylbenzene
Concen: 42.392 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



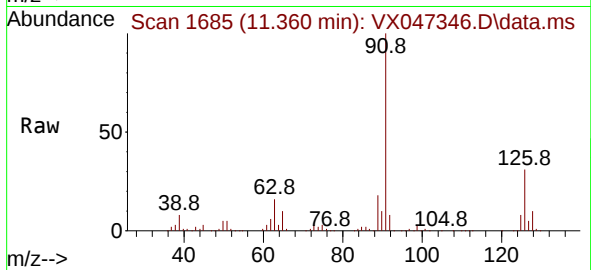
Tgt Ion: 91 Resp: 691822
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79
2-Chlorotoluene
Concen: 43.408 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

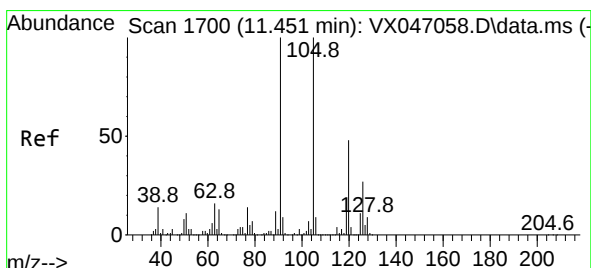
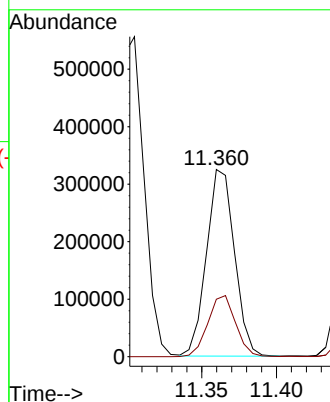
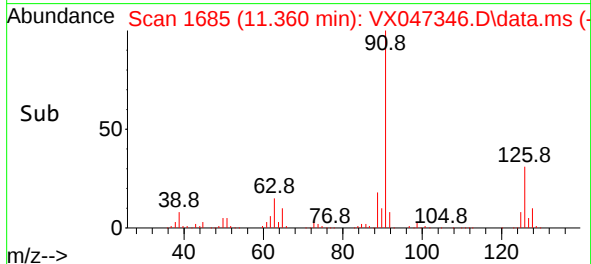
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



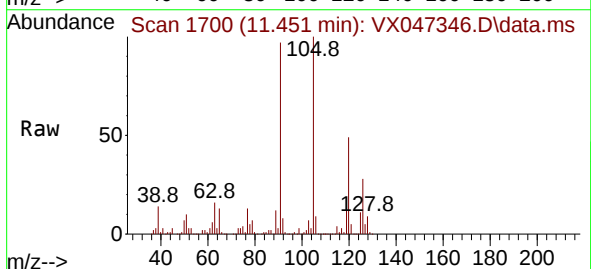
Tgt Ion: 91 Resp: 423450
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

Manual Integrations
APPROVED

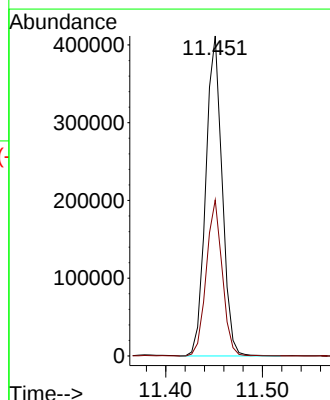
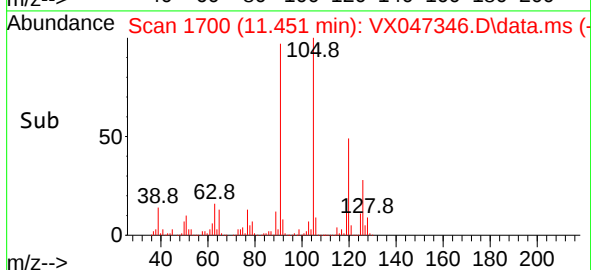
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

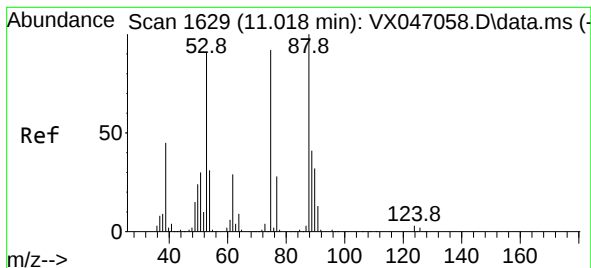


#80
1,3,5-Trimethylbenzene
Concen: 42.983 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



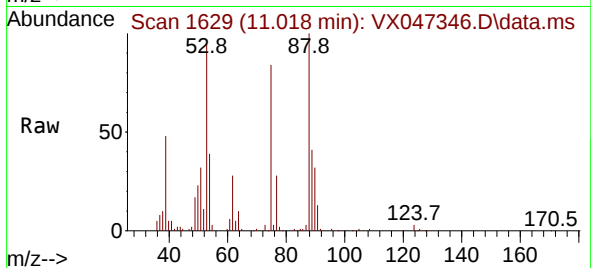
Tgt Ion:105 Resp: 484950
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.981 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

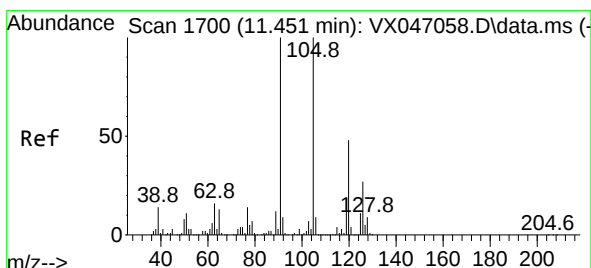
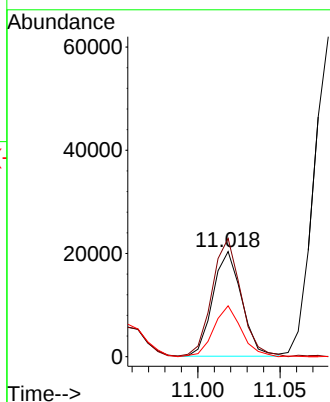
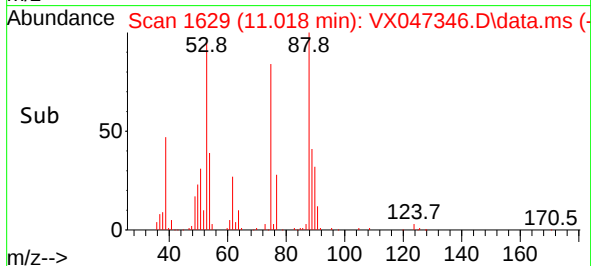
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24849
Ion Ratio Lower Upper
75 100
53 113.0 84.2 126.4
89 46.9 36.0 54.0

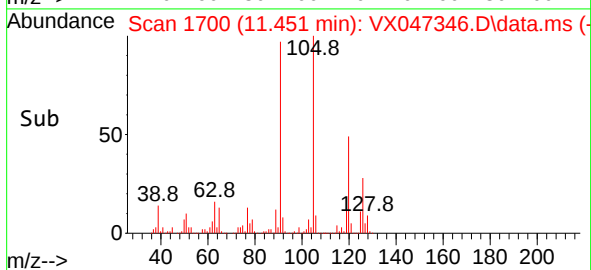
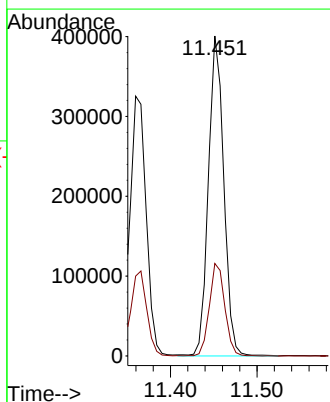
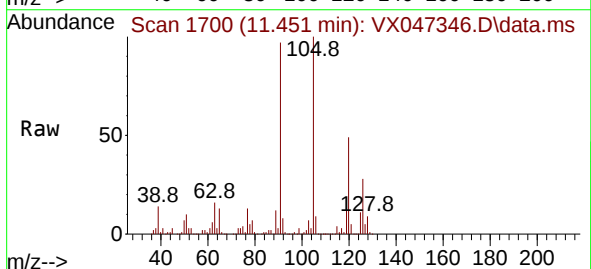
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 43.498 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

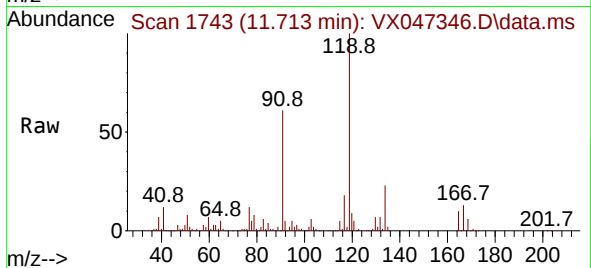
Tgt Ion: 91 Resp: 495295
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83
tert-Butylbenzene
Concen: 42.963 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

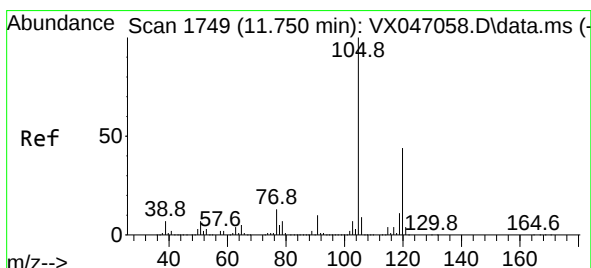
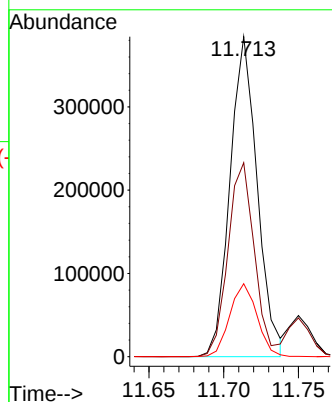
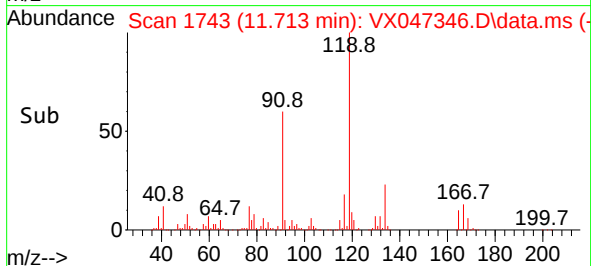
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



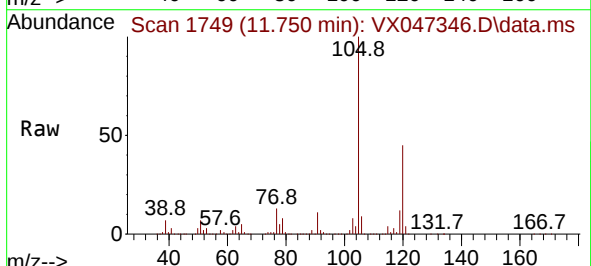
Tgt Ion:119 Resp: 48651
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.9 11.4 34.1

Manual Integrations
APPROVED

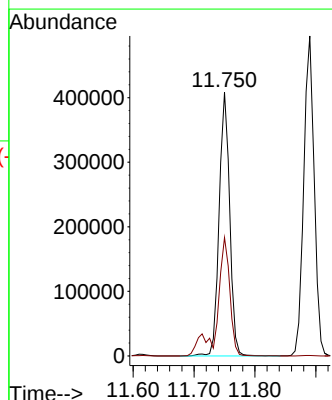
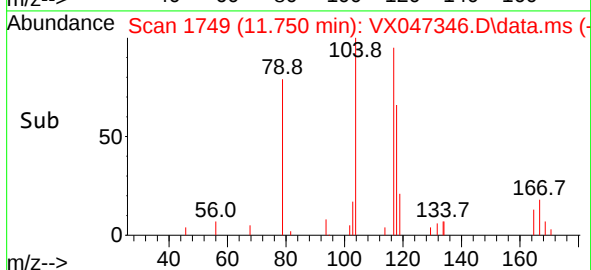
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

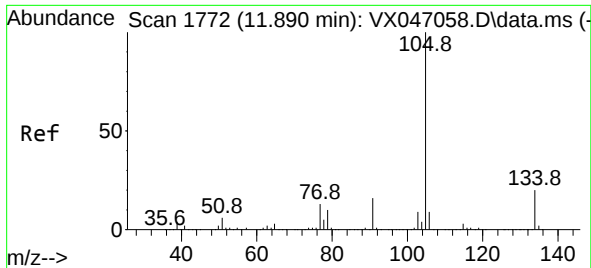


#84
1,2,4-Trimethylbenzene
Concen: 43.425 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



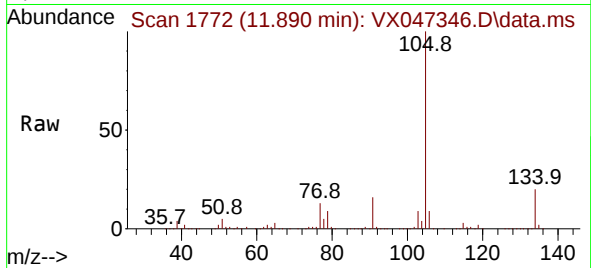
Tgt Ion:105 Resp: 488683
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 41.609 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48

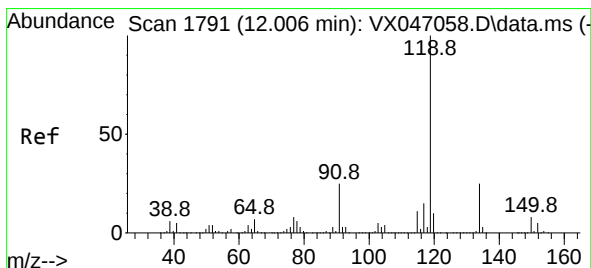
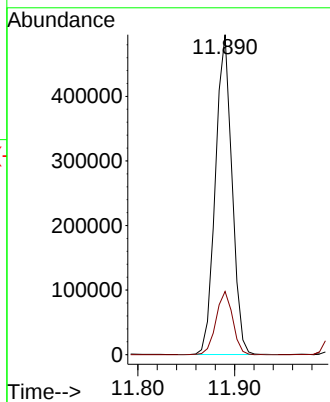
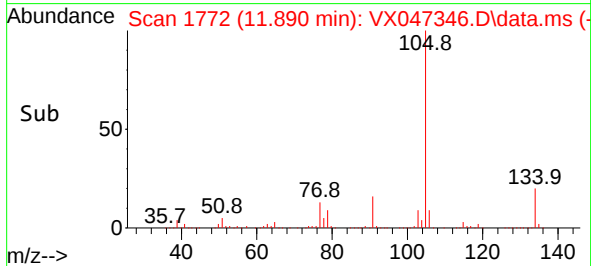
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



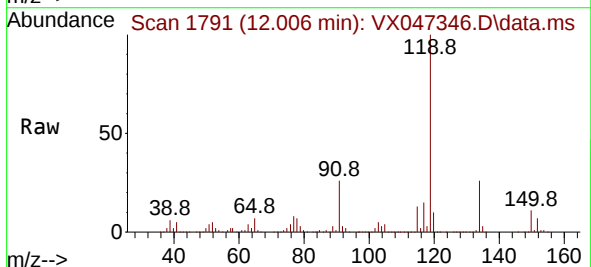
Tgt Ion:105 Resp: 58872
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

Manual Integrations
 APPROVED

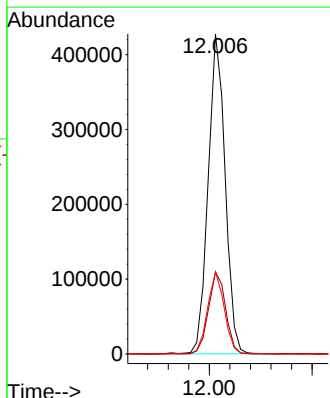
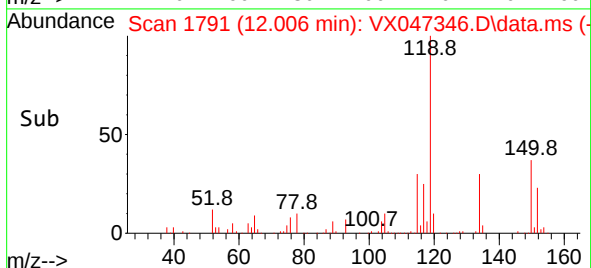
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 41.656 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047346.D
 Acq: 14 Aug 2025 17:48



Tgt Ion:119 Resp: 488762
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.475 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 270589

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

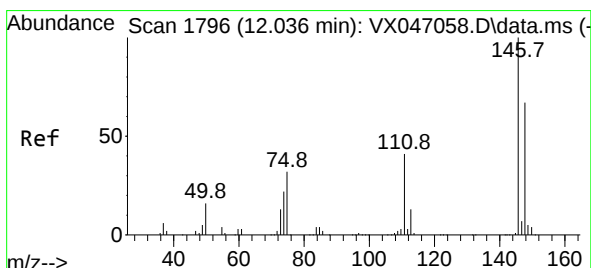
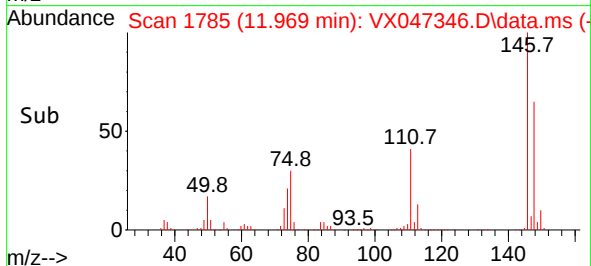
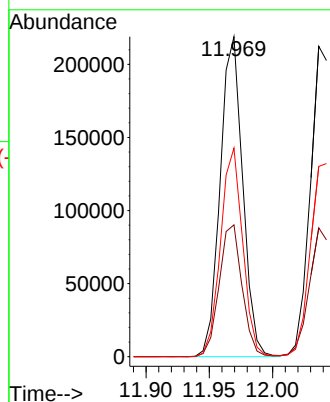
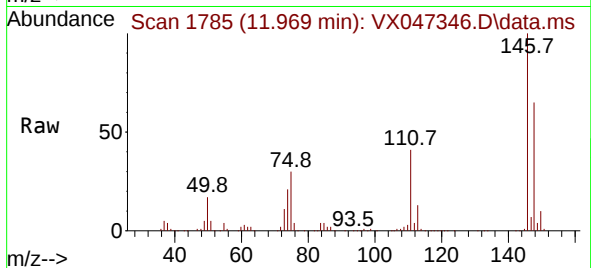
148 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#88

1,4-Dichlorobenzene

Concen: 43.352 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

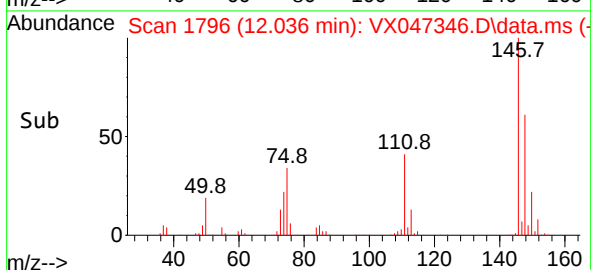
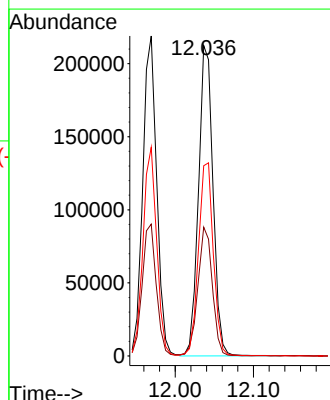
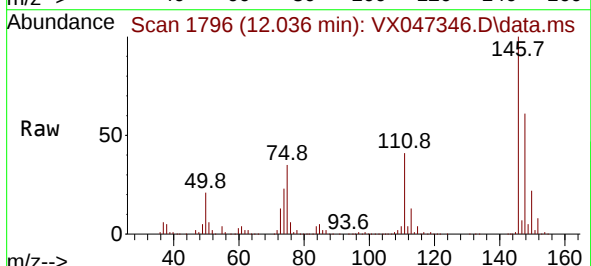
Tgt Ion:146 Resp: 273360

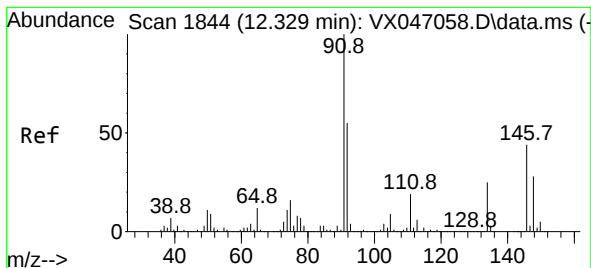
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

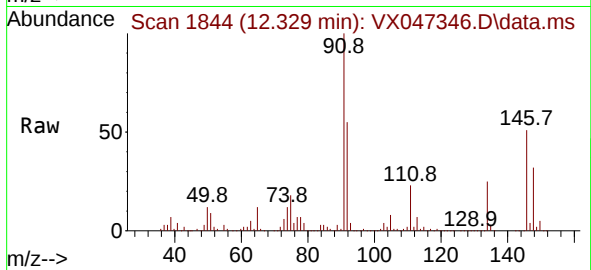
148 63.9 33.0 98.9





#89
n-Butylbenzene
Concen: 41.429 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

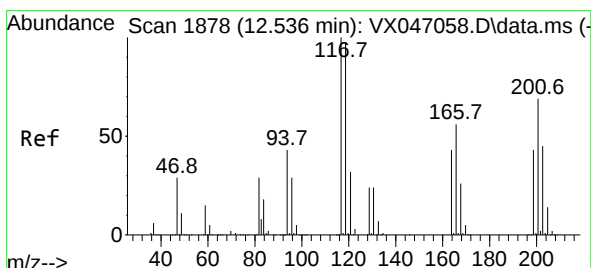
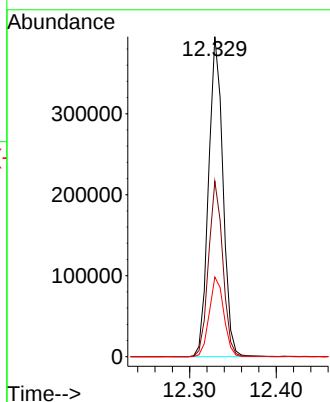
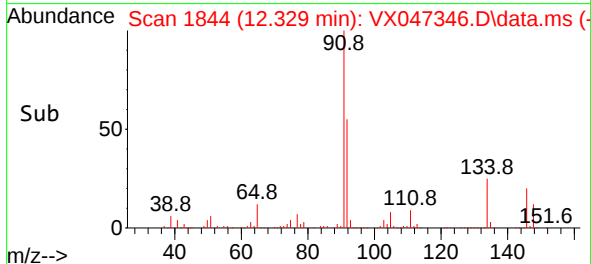
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 45586
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.5
134 25.3 12.8 38.3

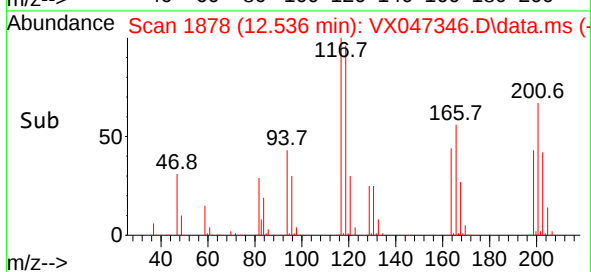
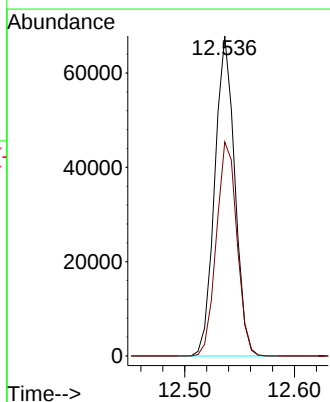
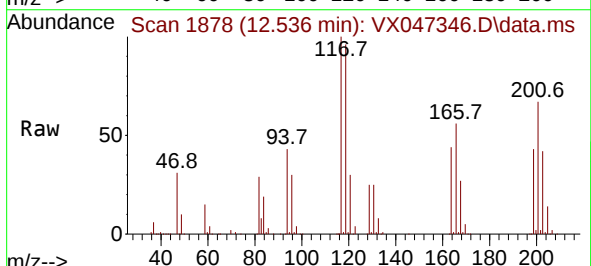
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 40.942 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Tgt Ion:117 Resp: 85939
Ion Ratio Lower Upper
117 100
201 68.9 34.8 104.5





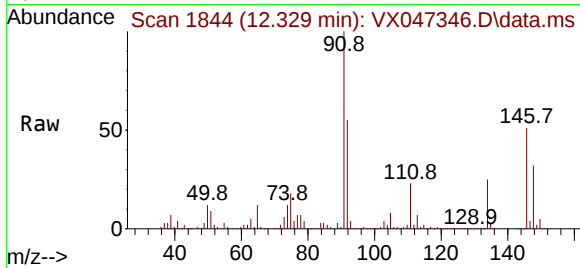
#91
1,2-Dichlorobenzene
Concen: 44.357 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



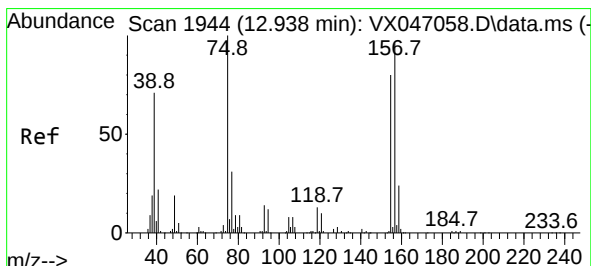
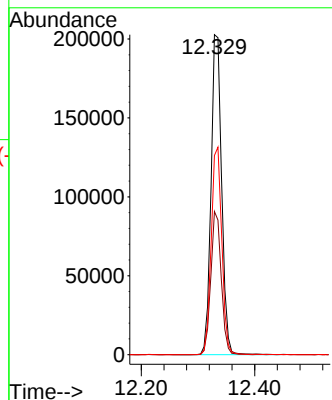
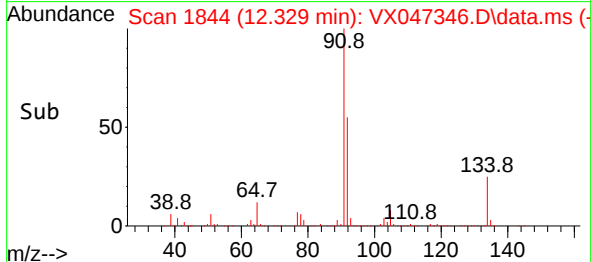
Tgt Ion:146 Resp: 26385
Ion Ratio Lower Upper
146 100
111 44.0 21.6 64.6
148 65.1 31.9 95.7

Manual Integrations

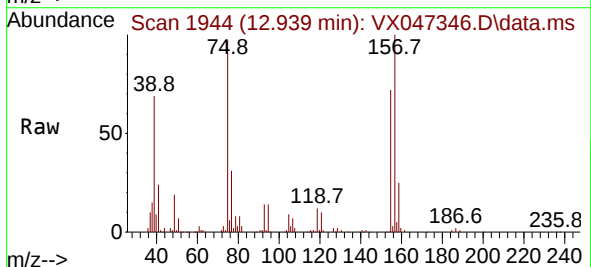
APPROVED

Reviewed By :John Carlone 08/18/2025

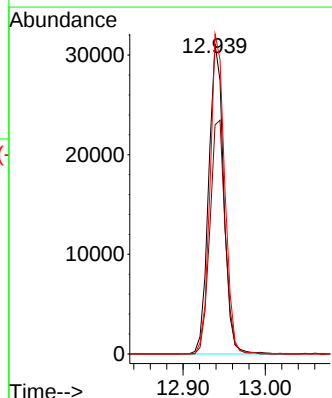
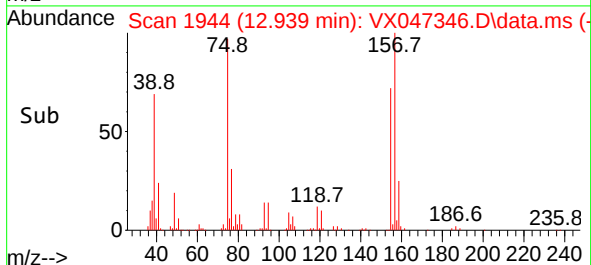
Supervised By :Mahesh Dadoda 08/19/2025

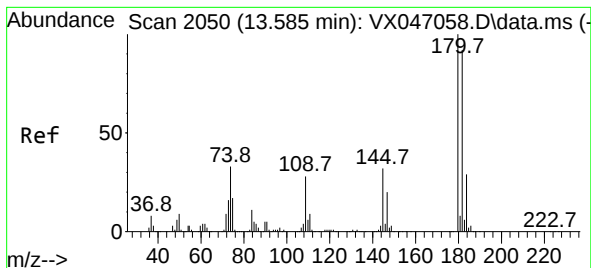


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.778 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



Tgt Ion: 75 Resp: 39520
Ion Ratio Lower Upper
75 100
155 77.0 41.3 124.1
157 100.8 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 44.566 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

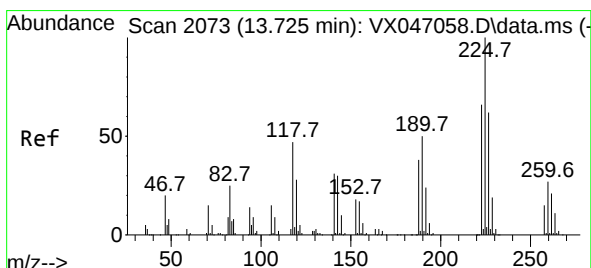
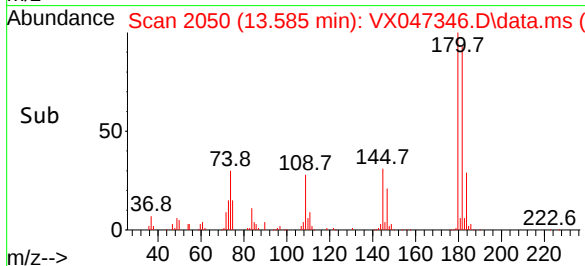
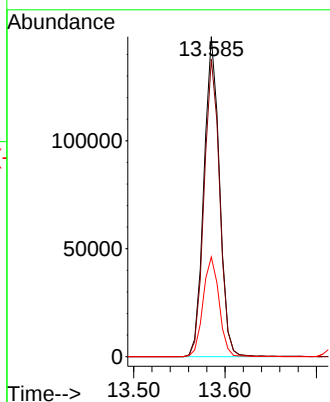
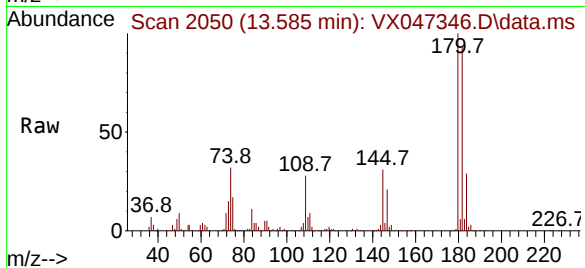
Tgt Ion:	180	Resp:	17515
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.8
145	32.1	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#94

Hexachlorobutadiene

Concen: 42.074 ug/l

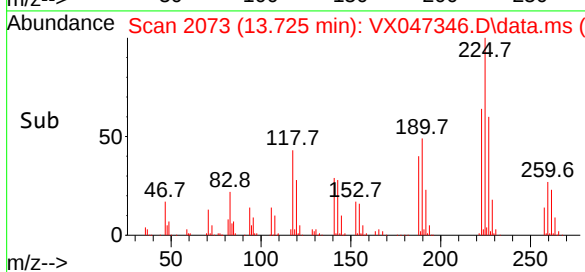
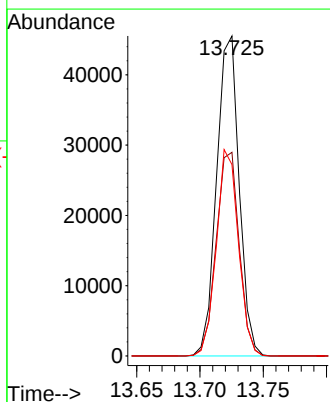
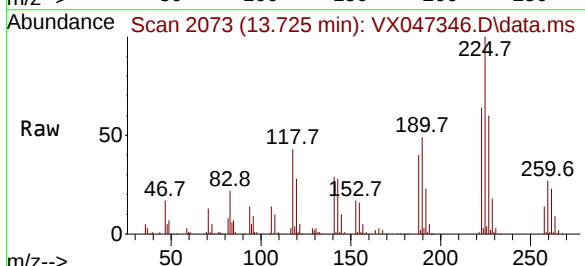
RT: 13.725 min Scan# 2073

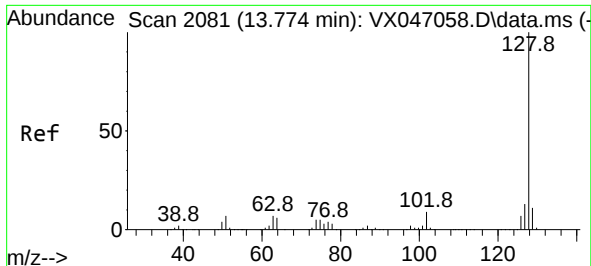
Delta R.T. 0.000 min

Lab File: VX047346.D

Acq: 14 Aug 2025 17:48

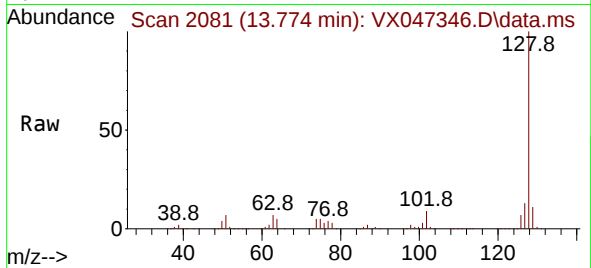
Tgt Ion:	225	Resp:	56237
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.6	95.0
227	63.2	32.9	98.6





#95
Naphthalene
Concen: 49.237 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48

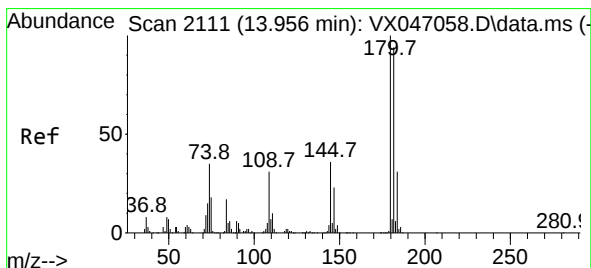
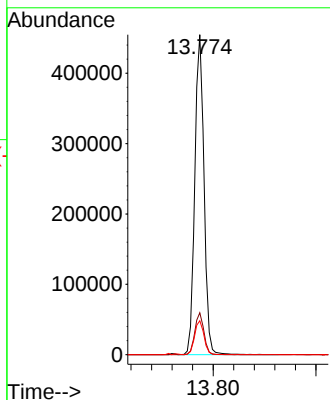
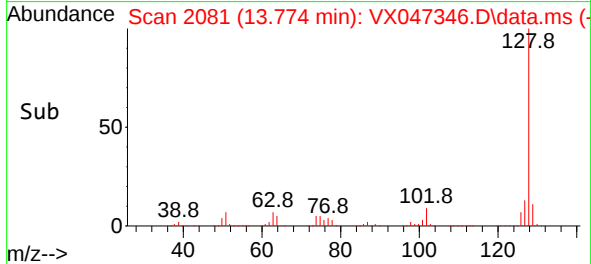
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



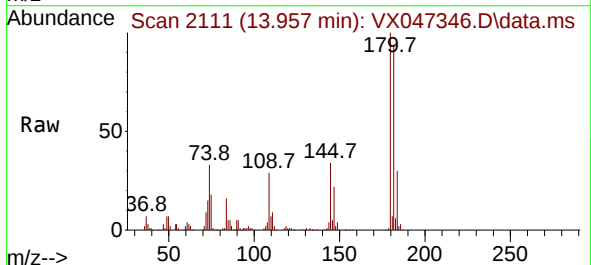
Tgt Ion:128 Resp: 567289
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.417 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047346.D
Acq: 14 Aug 2025 17:48



Tgt Ion:180 Resp: 168173
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 34.3 17.3 52.0

