

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046517.D
 Acq On : 06 Jun 2025 09:13
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 15:52:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 15:52:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	100552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.976	65	2466	1.378	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.760%#		
35) Dibromofluoromethane	5.397	113	1589	1.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.440%#		
50) Toluene-d8	8.653	98	5192	1.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.420%#		
62) 4-Bromofluorobenzene	11.085	95	2802	1.577	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	3.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	1513	1.084	ug/l	99
3) Chloromethane	1.307	50	1844	1.451	ug/l #	85
4) Vinyl Chloride	1.386	62	1485	1.172	ug/l #	87
5) Bromomethane	1.630	94	2114	2.749	ug/l	99
6) Chloroethane	1.703	64	1287	1.566	ug/l	100
7) Trichlorofluoromethane	1.904	101	2590	1.236	ug/l	92
8) Diethyl Ether	2.148	74	767	1.036	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.343	101	1398	1.059	ug/l	92
10) Methyl Iodide	2.465	142	1282	0.896	ug/l	99
11) Tert butyl alcohol	2.965	59	761	3.834	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	1468	1.230	ug/l	90
13) Acrolein	2.258	56	409	1.976	ug/l #	83
14) Allyl chloride	2.678	41	2794	1.192	ug/l	97
15) Acrylonitrile	3.087	53	3875	5.163	ug/l #	93
16) Acetone	2.392	43	4568	5.959	ug/l	95
17) Carbon Disulfide	2.526	76	3696	1.241	ug/l	95
18) Methyl Acetate	2.721	43	1727	0.810	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	4384	1.050	ug/l #	87
20) Methylene Chloride	2.800	84	1715	1.195	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	1383	1.095	ug/l	94
22) Diisopropyl ether	3.776	45	4859	1.051	ug/l #	42
23) Vinyl Acetate	3.745	43	17019	4.769	ug/l	98
24) 1,1-Dichloroethane	3.629	63	2842	1.103	ug/l #	92
25) 2-Butanone	4.586	43	1689	1.696	ug/l #	90
26) 2,2-Dichloropropane	4.495	77	2028	1.060	ug/l	81
27) cis-1,2-Dichloroethene	4.513	96	1712	1.101	ug/l	93
28) Bromochloromethane	4.916	49	1424	1.159	ug/l #	92
29) Tetrahydrofuran	5.025	42	3041	4.835	ug/l #	87
30) Chloroform	5.105	83	3017	1.118	ug/l	97
31) Cyclohexane	5.477	56	2573	1.237	ug/l #	84
32) 1,1,1-Trichloroethane	5.397	97	2476	1.072	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	2178	1.170	ug/l #	52
37) Ethyl Acetate	4.745	43	1036	0.619	ug/l #	70
38) Carbon Tetrachloride	5.690	117	2578	1.237	ug/l #	84
39) Methylcyclohexane	7.385	83	2503	1.139	ug/l	94
40) Benzene	6.050	78	6185	1.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	760	0.674	ug/l #	72
42) 1,2-Dichloroethane	6.111	62	2440	1.119	ug/l	87
43) Isopropyl Acetate	6.361	43	3151	0.995	ug/l #	95
44) Trichloroethene	7.129	130	1361	1.022	ug/l	83
45) 1,2-Dichloropropane	7.440	63	1526	1.128	ug/l #	87
46) Dibromomethane	7.598	93	1046	1.028	ug/l	94
47) Bromodichloromethane	7.830	83	2253	1.077	ug/l #	98
48) Methyl methacrylate	7.714	41	1346	0.826	ug/l	90
49) 1,4-Dioxane	7.690	88	249	11.429	ug/l #	68
51) 4-Methyl-2-Pentanone	8.580	43	9089	4.517	ug/l	99
52) Toluene	8.720	92	3569	1.109	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	1703	0.908	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	2000	0.959	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	1250	0.967	ug/l #	82
56) Ethyl methacrylate	9.122	69	1730	0.870	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2313	1.013	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.250	63	5252	4.849	ug/l	98
59) 2-Hexanone	9.439	43	6271	4.345	ug/l	100
60) Dibromochloromethane	9.518	129	1644	1.082	ug/l	97
61) 1,2-Dibromoethane	9.616	107	1296	0.963	ug/l	98
64) Tetrachloroethene	9.275	164	1280	1.225	ug/l #	88
65) Chlorobenzene	10.079	112	4188	1.139	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1326	1.068	ug/l #	66
67) Ethyl Benzene	10.195	91	6959	1.085	ug/l	96
68) m/p-Xylenes	10.305	106	4914	2.111	ug/l	100
69) o-Xylene	10.640	106	2225	0.988	ug/l	90
70) Styrene	10.665	104	3878	1.006	ug/l	97
71) Bromoform	10.799	173	838	0.885	ug/l #	91
73) Isopropylbenzene	10.963	105	6090	1.015	ug/l	93
74) N-amyl acetate	10.848	43	2355	0.892	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	2226	1.159	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	1946m	1.084	ug/l	
77) Bromobenzene	11.201	156	1463	1.051	ug/l	94
78) n-propylbenzene	11.305	91	7248	0.998	ug/l	100
79) 2-Chlorotoluene	11.366	91	5053	1.154	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4877	0.976	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	474	0.846	ug/l	97
82) 4-Chlorotoluene	11.457	91	5454	1.051	ug/l	98
83) tert-Butylbenzene	11.713	119	5270	1.036	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4871	0.963	ug/l	98
85) sec-Butylbenzene	11.890	105	6581	1.007	ug/l	97
86) p-Isopropyltoluene	12.012	119	5315	0.975	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	3011	1.114	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	3011	1.107	ug/l	97
89) n-Butylbenzene	12.335	91	4914	0.918	ug/l	97
90) Hexachloroethane	12.542	117	970	1.001	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	2850	1.092	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	468	1.089	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	1588	0.892	ug/l	94
94) Hexachlorobutadiene	13.719	225	799	0.966	ug/l	90
95) Naphthalene	13.774	128	4914	0.871	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1730	0.969	ug/l	94

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Response via : Initial Calibration

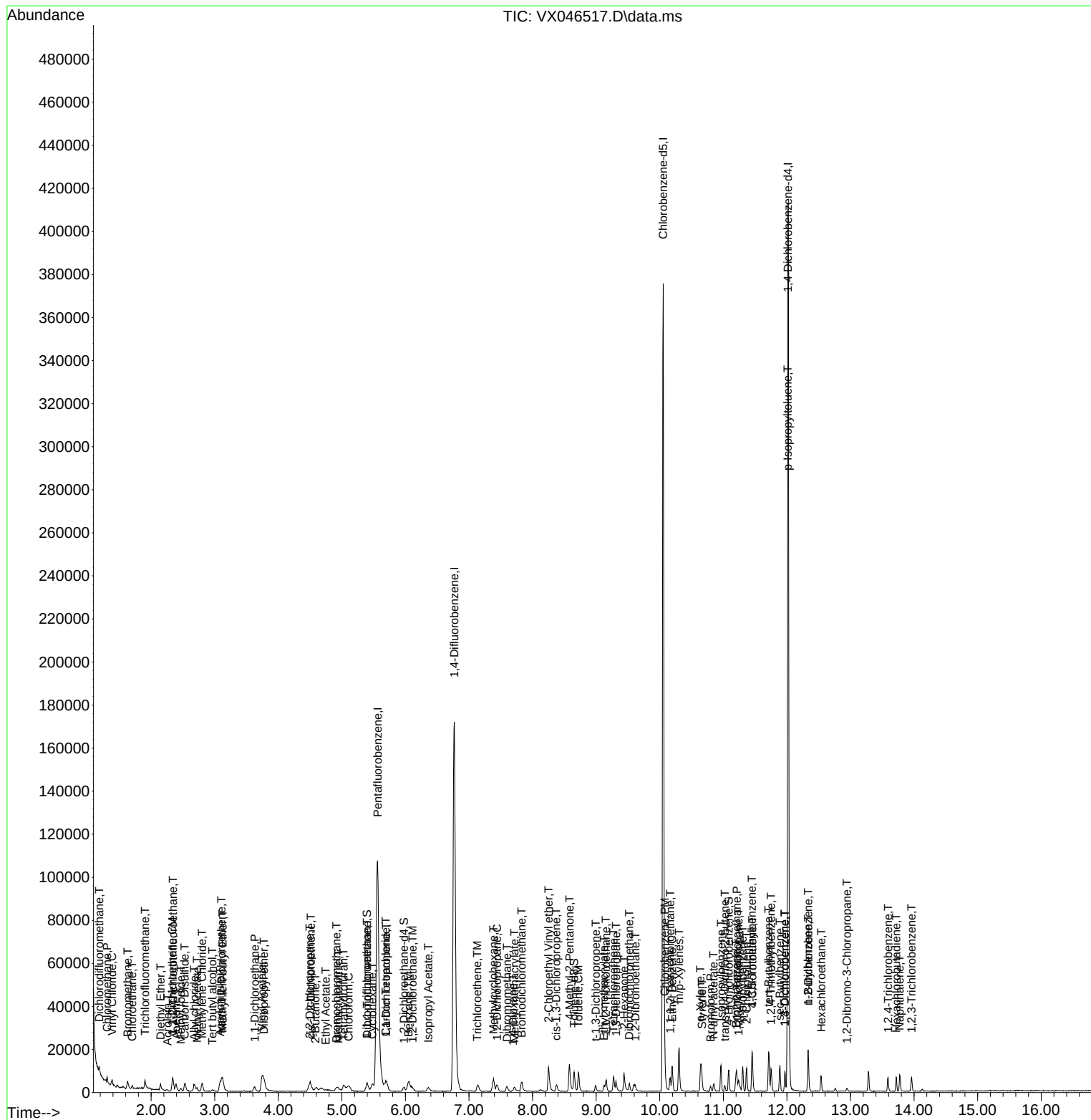
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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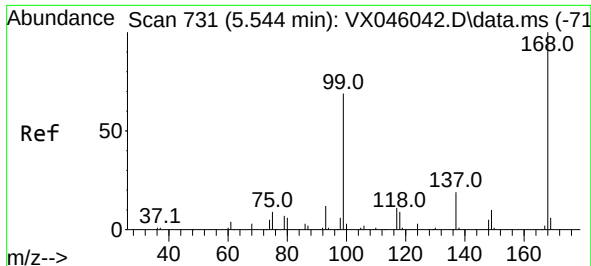
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED

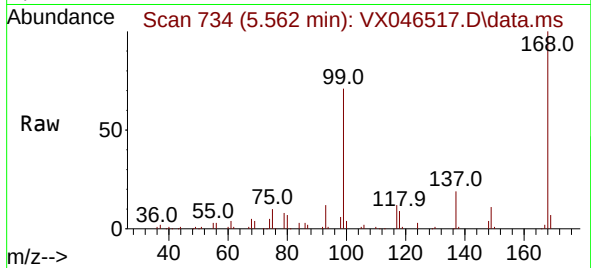
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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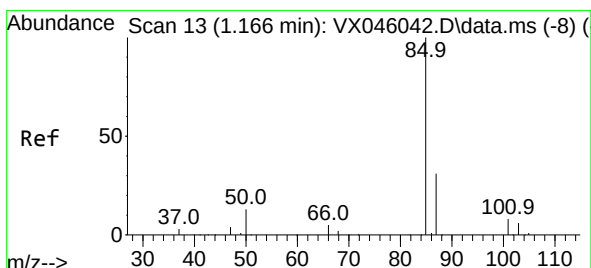
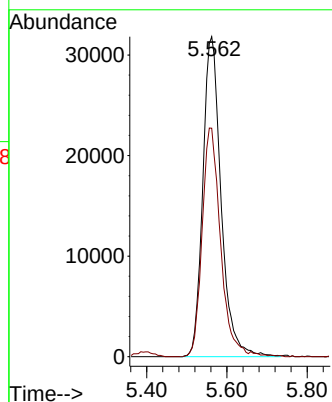
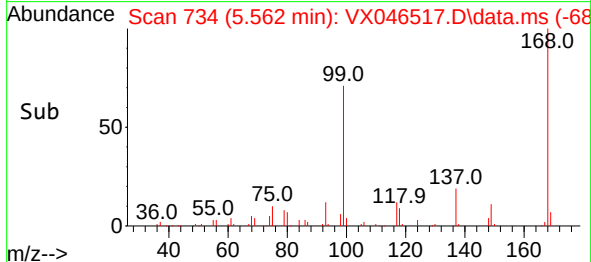
Instrument :
MSVOA_X
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VSTDIC001



Tgt Ion:168 Resp: 100552
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

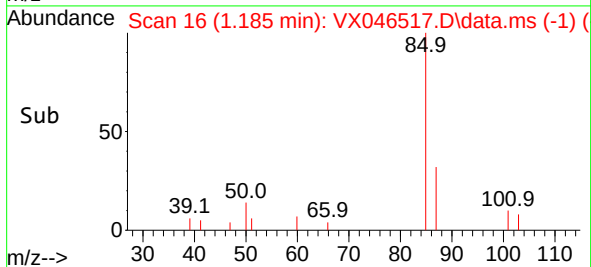
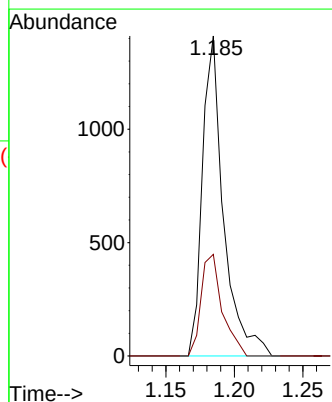
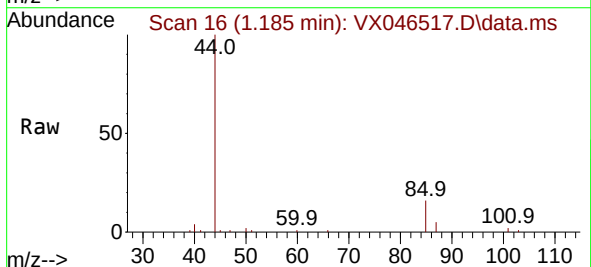
Manual Integrations
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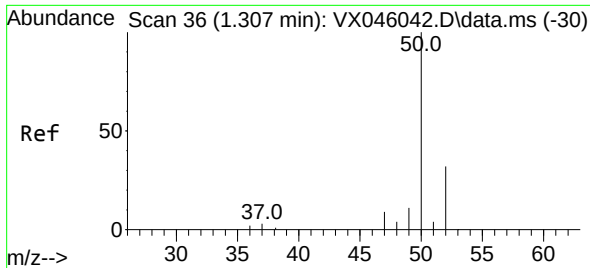
Reviewed By :John Carlone 06/06/2025
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#2
Dichlorodifluoromethane
Concen: 1.084 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

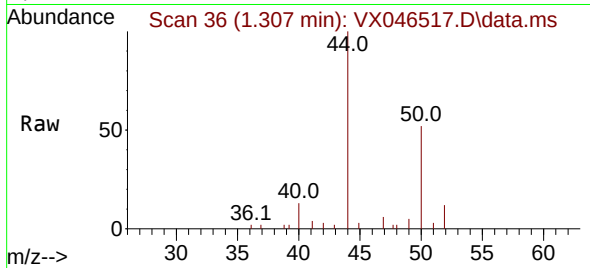
Tgt Ion: 85 Resp: 1513
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 1.451 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

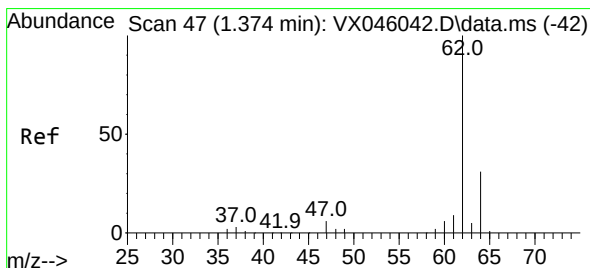
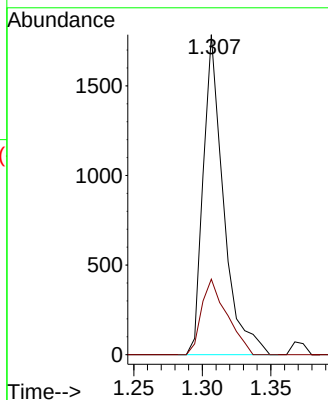
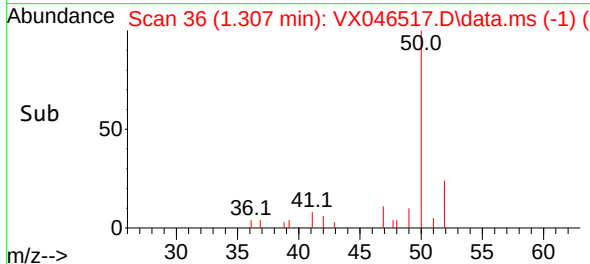
Instrument :
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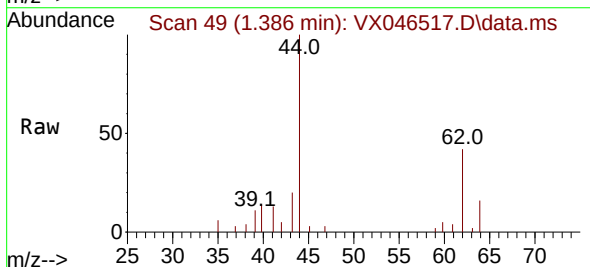
Tgt Ion: 50 Resp: 1844
Ion Ratio Lower Upper
50 100
52 23.6 25.4 38.2

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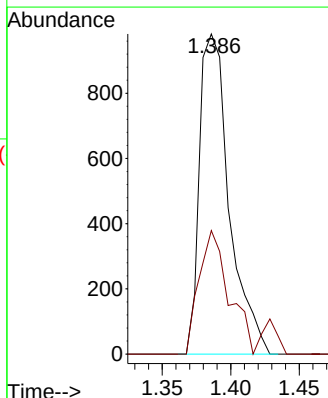
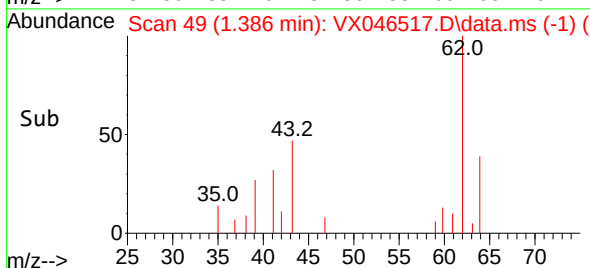
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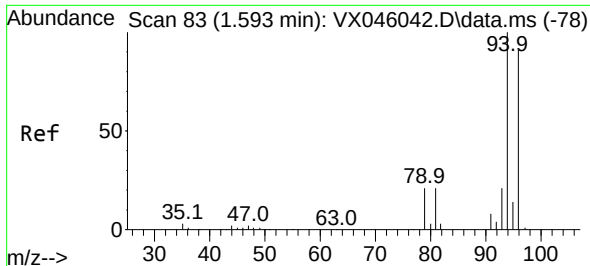


#4
Vinyl Chloride
Concen: 1.172 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



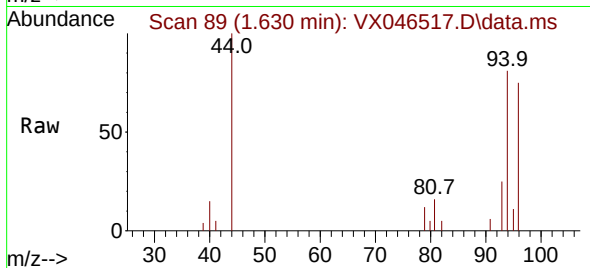
Tgt Ion: 62 Resp: 1485
Ion Ratio Lower Upper
62 100
64 38.6 25.2 37.8





#5
Bromomethane
Concen: 2.749 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

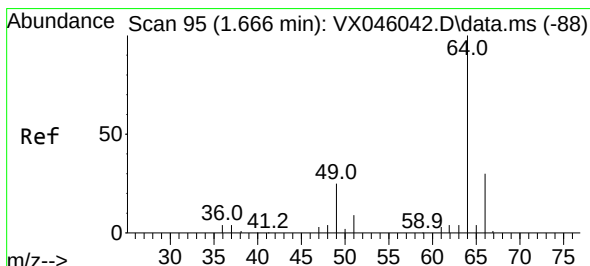
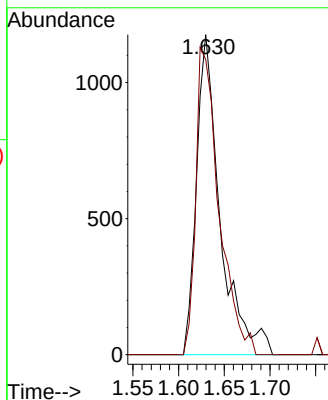
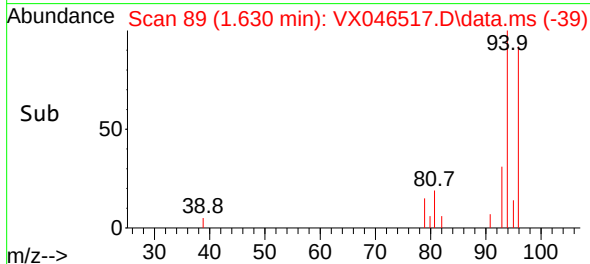
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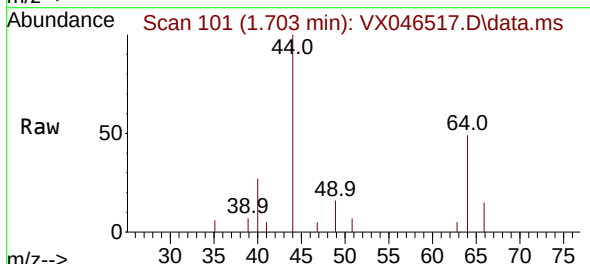
Tgt Ion: 94 Resp: 2114
Ion Ratio Lower Upper
94 100
96 92.3 72.8 109.2

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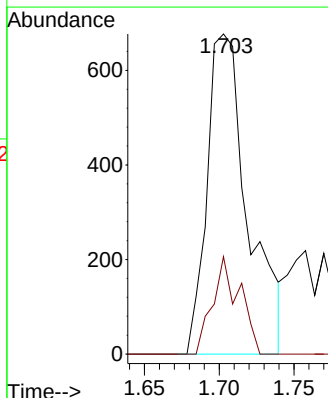
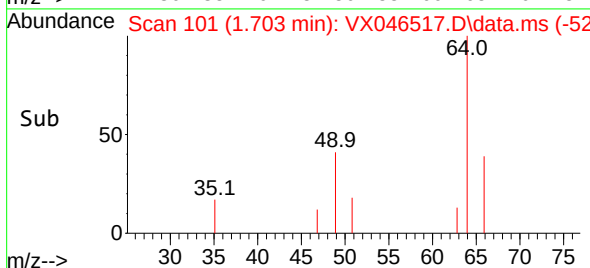
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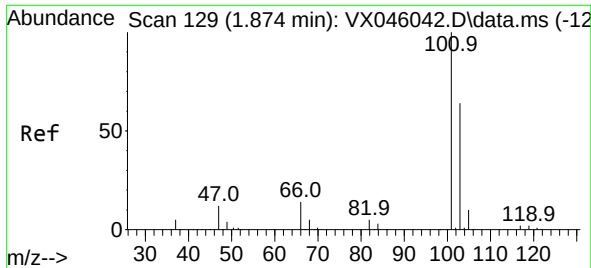


#6
Chloroethane
Concen: 1.566 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
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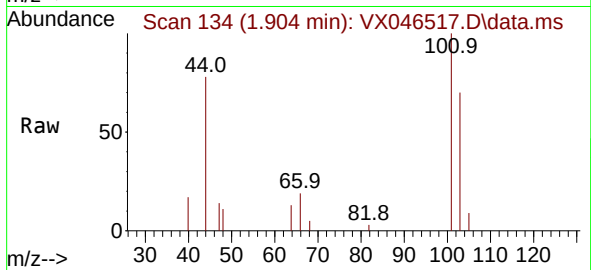
Tgt Ion: 64 Resp: 1287
Ion Ratio Lower Upper
64 100
66 30.4 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 1.236 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

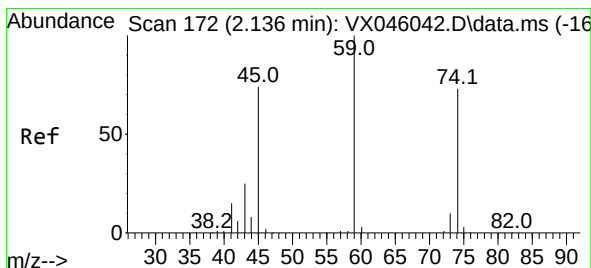
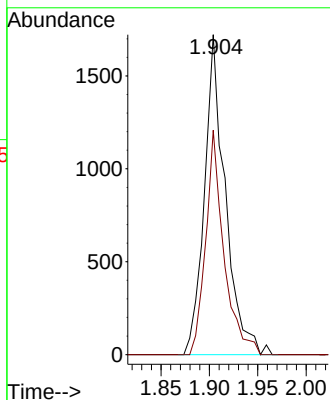
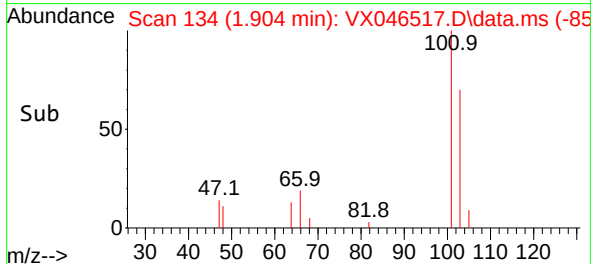
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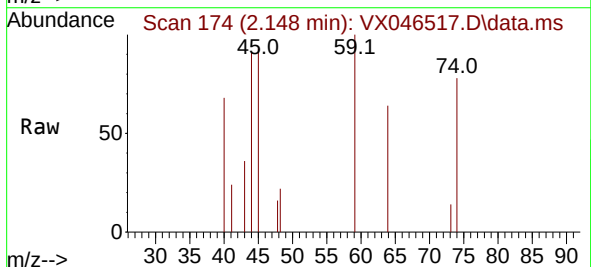
Tgt Ion:101 Resp: 2590
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.0 76.4

Manual Integrations
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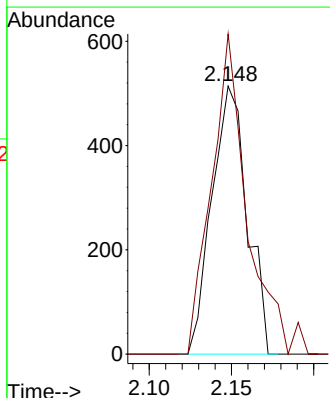
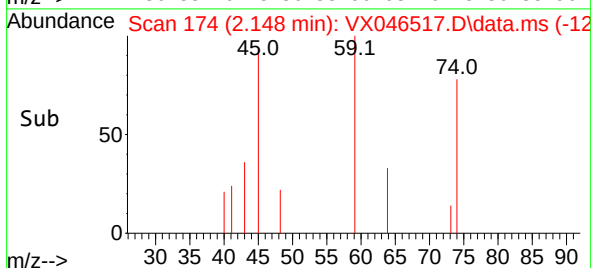
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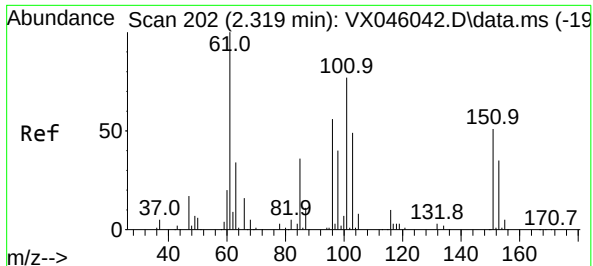


#8
 Diethyl Ether
 Concen: 1.036 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13



Tgt Ion: 74 Resp: 767
 Ion Ratio Lower Upper
 74 100
 45 121.1 54.9 164.8





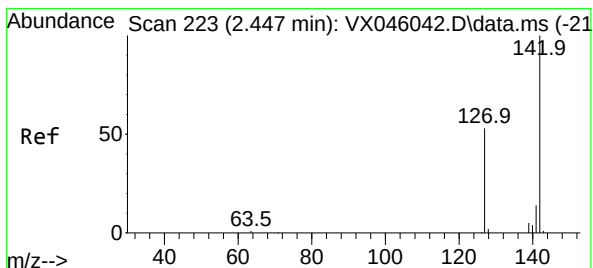
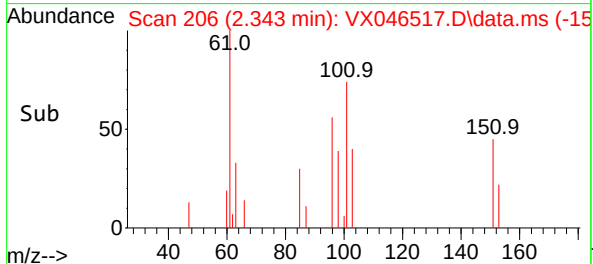
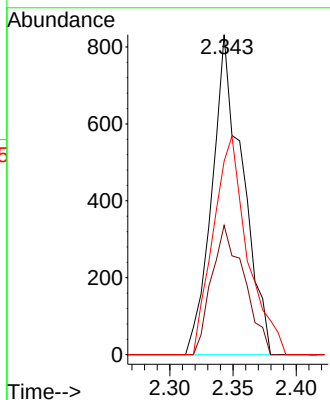
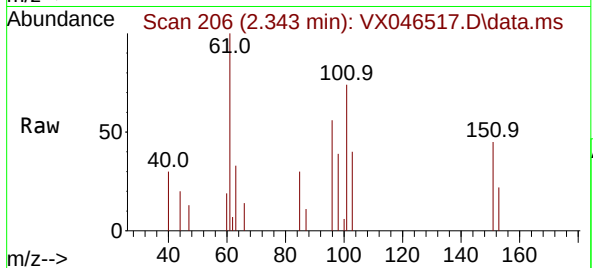
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.059 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 1398
Ion Ratio Lower Upper
101 100
85 43.2 38.6 58.0
151 76.3 55.2 82.8

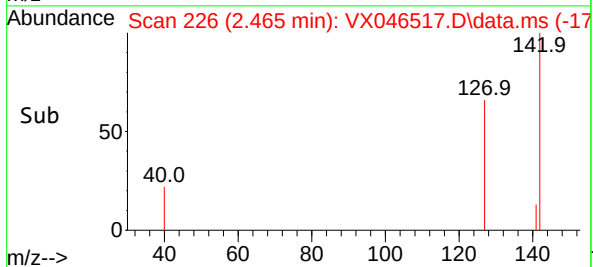
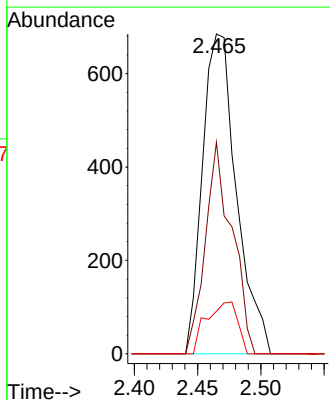
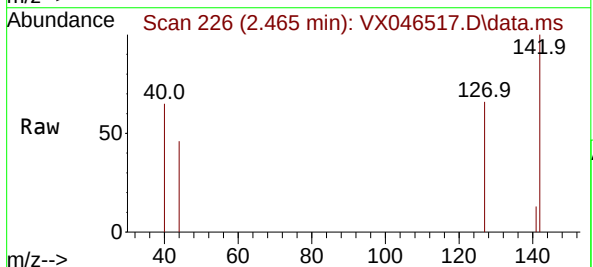
Manual Integrations
APPROVED

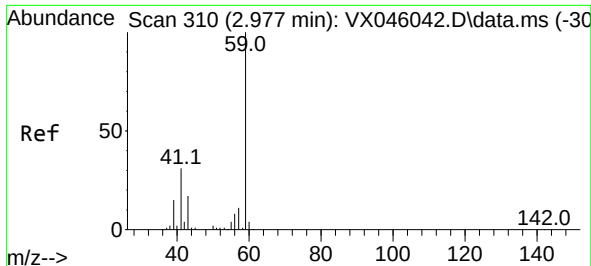
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 0.896 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

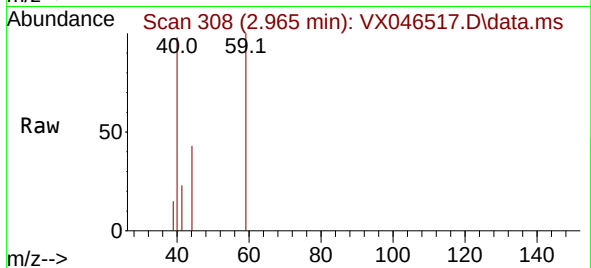
Tgt Ion:142 Resp: 1282
Ion Ratio Lower Upper
142 100
127 51.8 41.7 62.5
141 14.8 11.5 17.3





#11
Tert butyl alcohol
Concen: 3.834 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

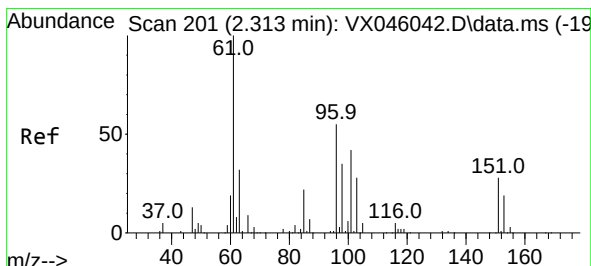
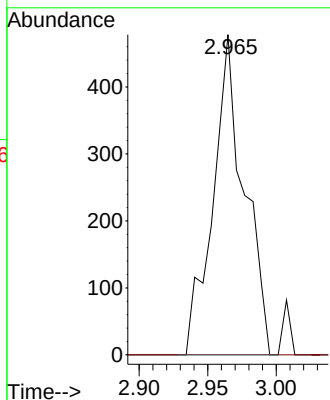
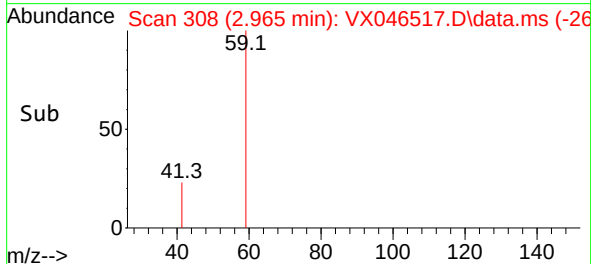
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



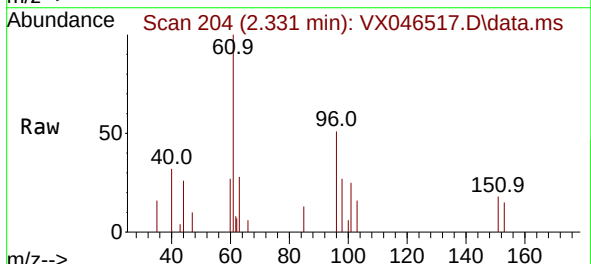
Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
APPROVED

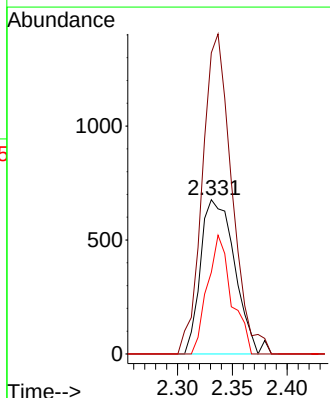
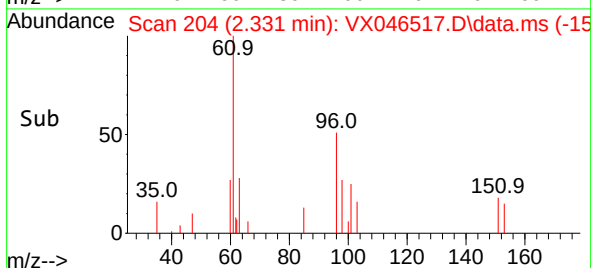
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

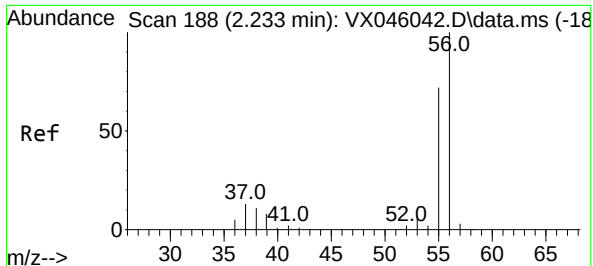


#12
1,1-Dichloroethene
Concen: 1.230 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



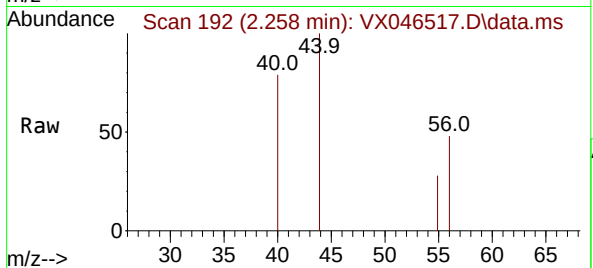
Tgt Ion: 96 Resp: 1468
Ion Ratio Lower Upper
96 100
61 195.1 146.2 219.2
98 52.9 51.0 76.6





#13
Acrolein
Concen: 1.976 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

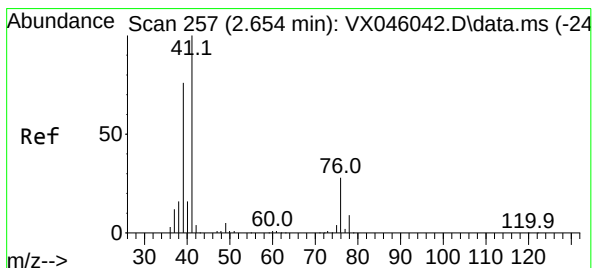
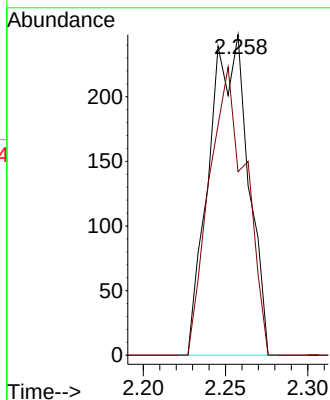
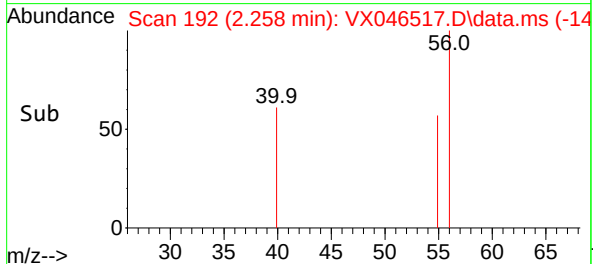
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



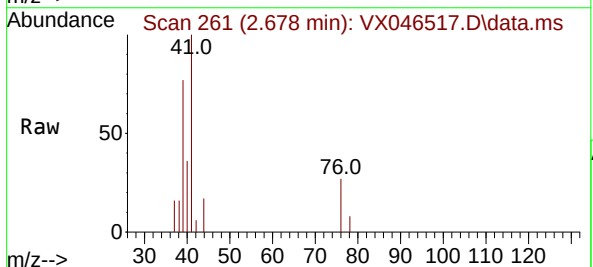
Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
55 84.6 56.2 84.4

Manual Integrations
APPROVED

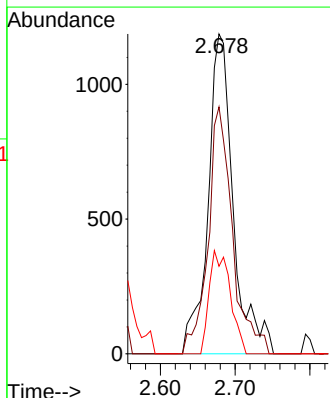
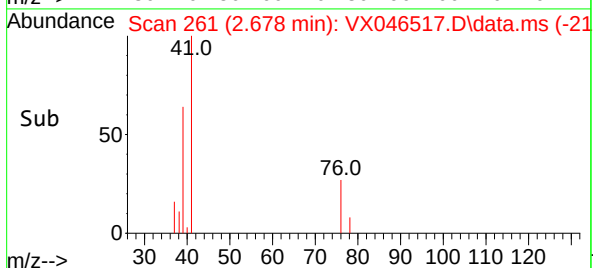
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

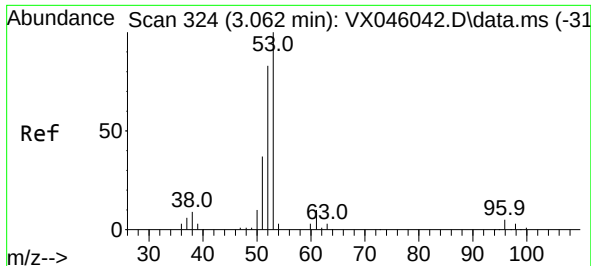


#14
Allyl chloride
Concen: 1.192 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



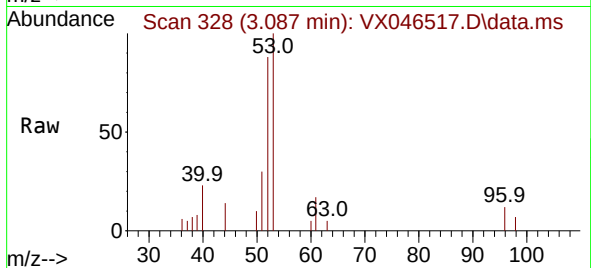
Tgt Ion: 41 Resp: 2794
Ion Ratio Lower Upper
41 100
39 74.4 60.6 90.8
76 26.8 24.9 37.3





#15
Acrylonitrile
Concen: 5.163 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

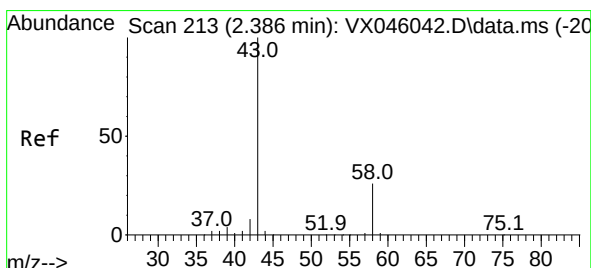
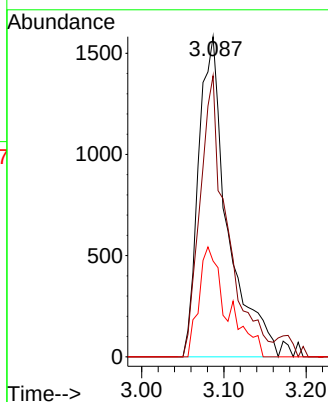
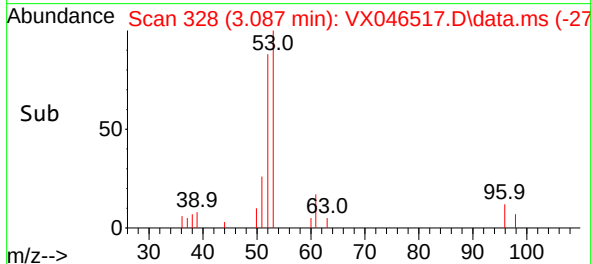
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



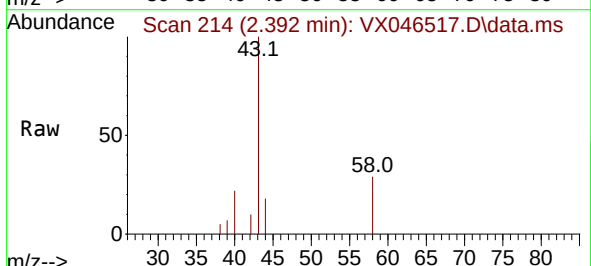
Tgt Ion: 53 Resp: 387
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 25.6 29.8 44.8

Manual Integrations
APPROVED

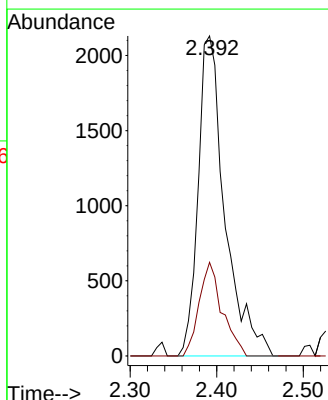
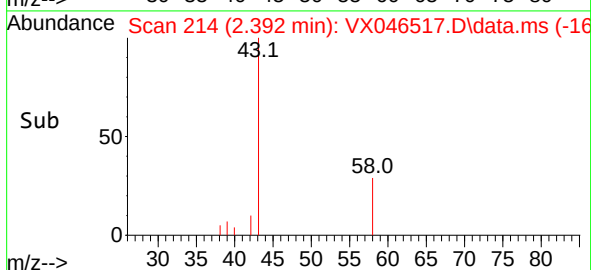
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

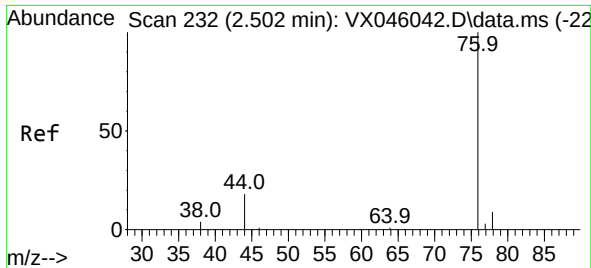


#16
Acetone
Concen: 5.959 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
58 29.2 21.2 31.8





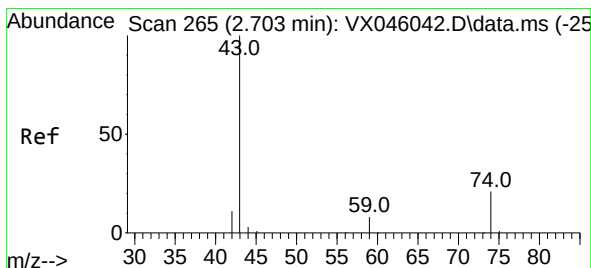
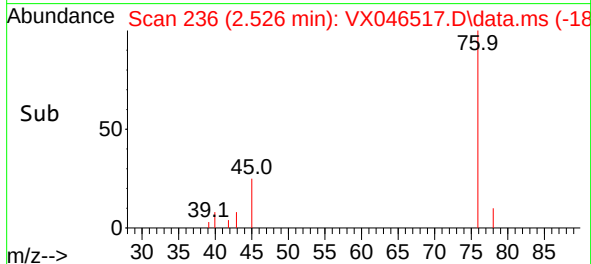
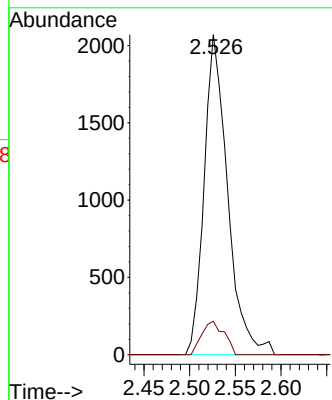
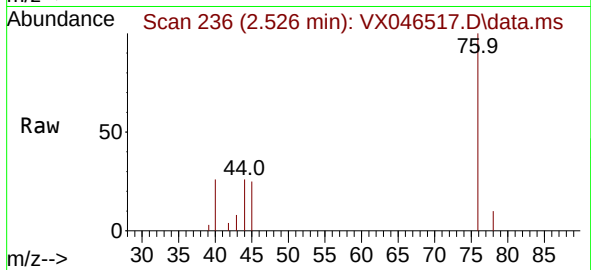
#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 3690
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

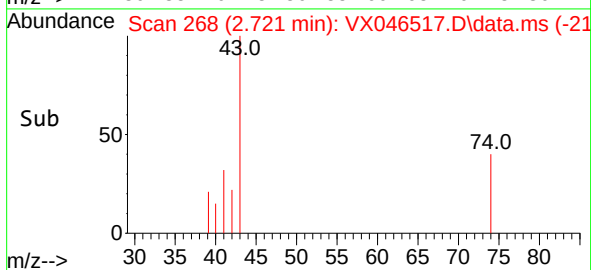
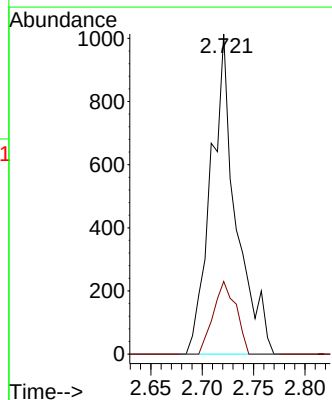
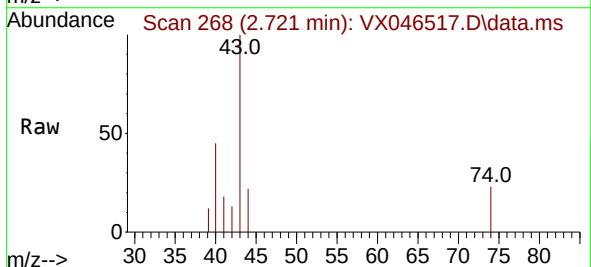
Manual Integrations
APPROVED

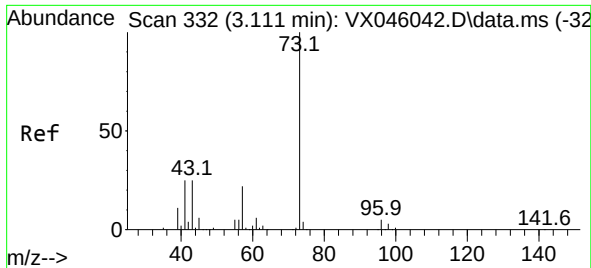
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 0.810 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1





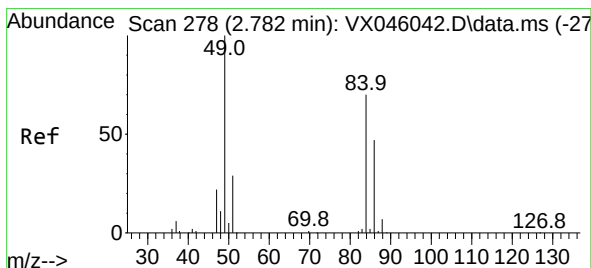
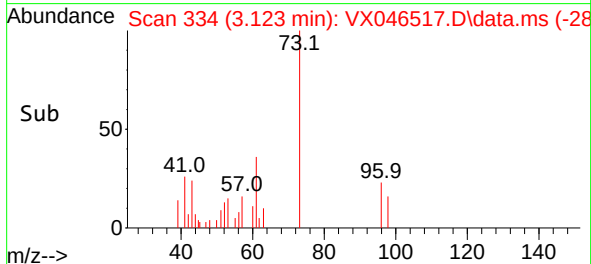
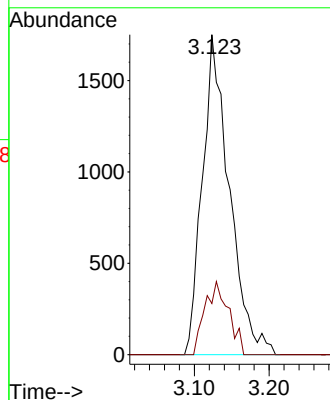
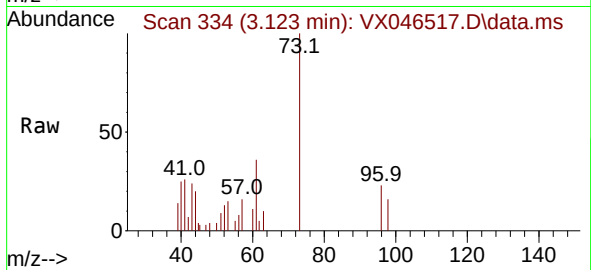
#19
Methyl tert-butyl Ether
Concen: 1.050 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 4384
Ion Ratio Lower Upper
73 100
57 16.0 17.7 26.5

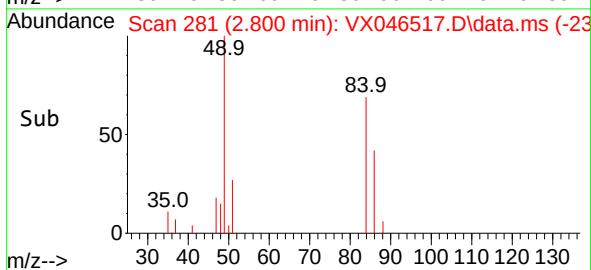
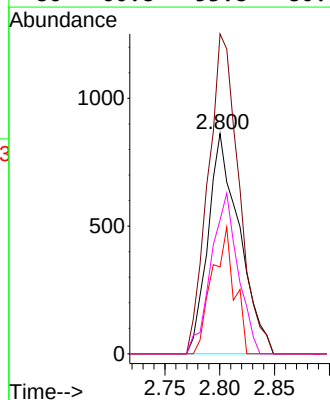
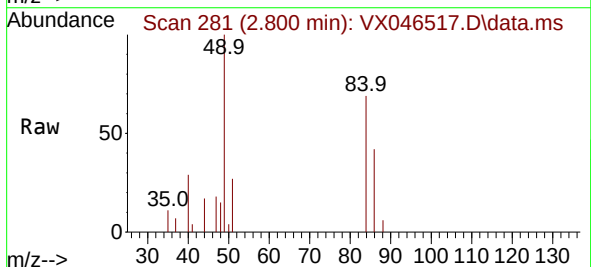
Manual Integrations
APPROVED

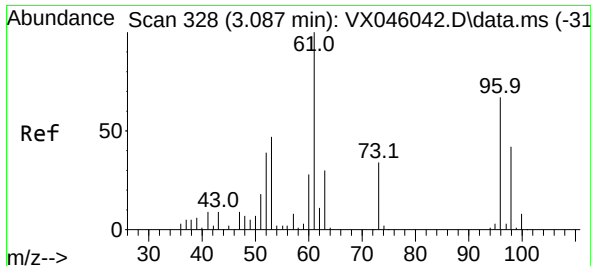
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 1.195 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

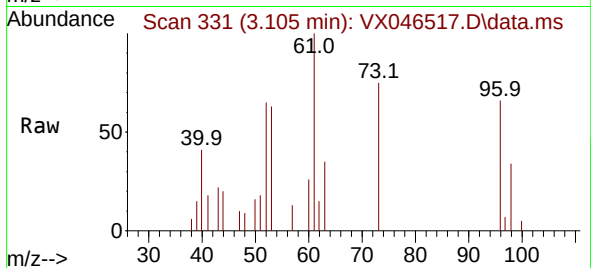
Tgt Ion: 84 Resp: 1715
Ion Ratio Lower Upper
84 100
49 145.2 113.9 170.9
51 39.4 33.5 50.3
86 60.8 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 1.095 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

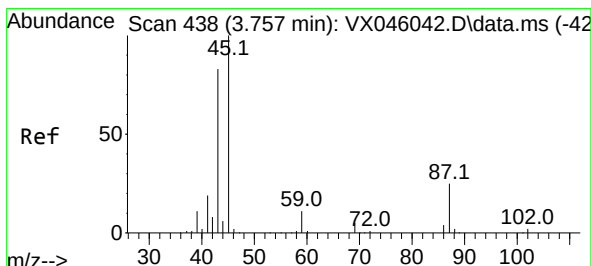
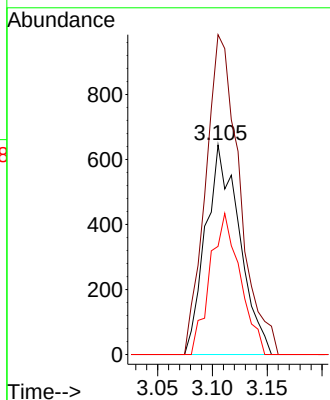
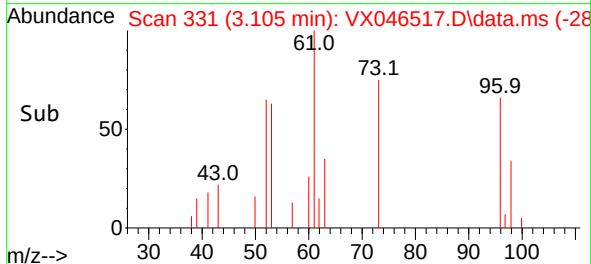
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



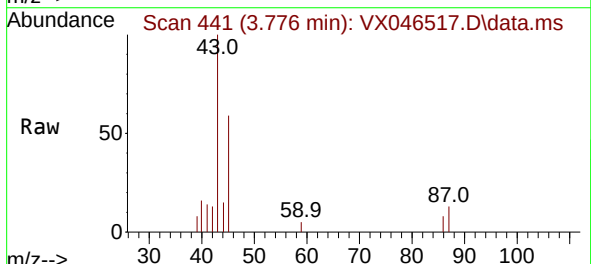
Tgt Ion: 96 Resp: 138
Ion Ratio Lower Upper
96 100
61 152.6 119.5 179.3
98 51.6 50.0 75.0

Manual Integrations
APPROVED

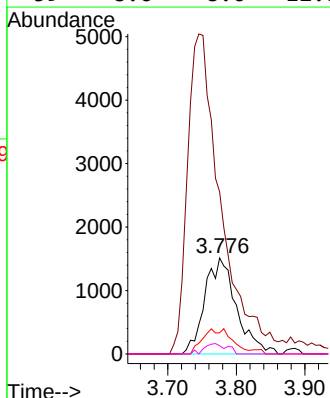
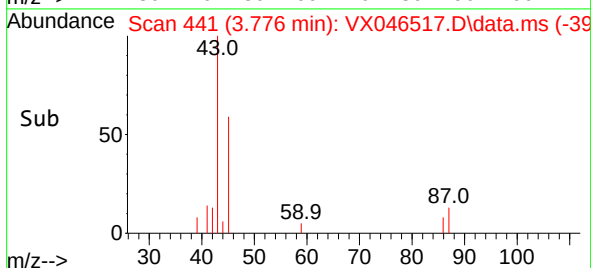
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

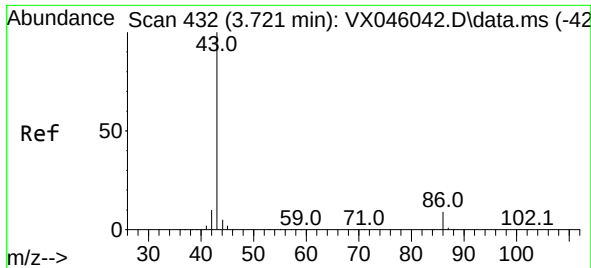


#22
Diisopropyl ether
Concen: 1.051 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion: 45 Resp: 4859
Ion Ratio Lower Upper
45 100
43 156.2 66.6 100.0#
87 22.1 19.8 29.6
59 8.6 8.6 12.8





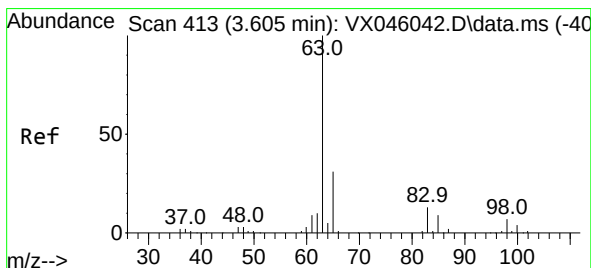
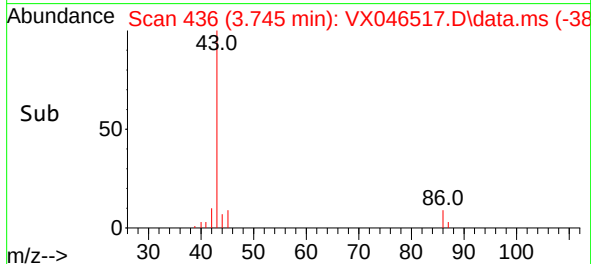
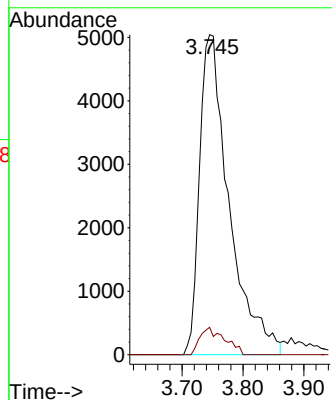
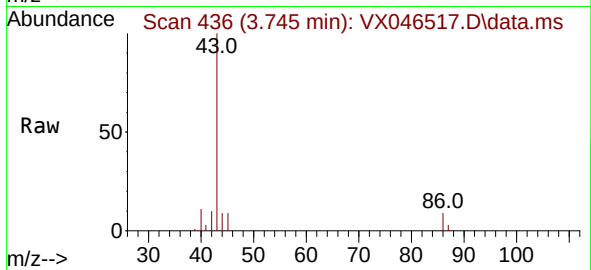
#23
 Vinyl Acetate
 Concen: 4.769 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 17019
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.5 11.3

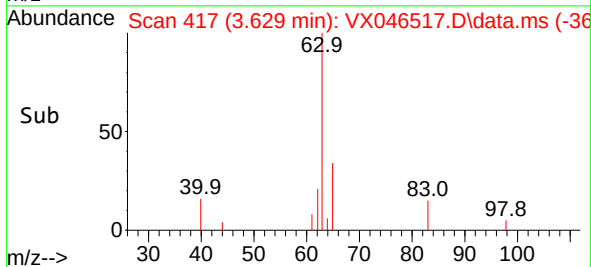
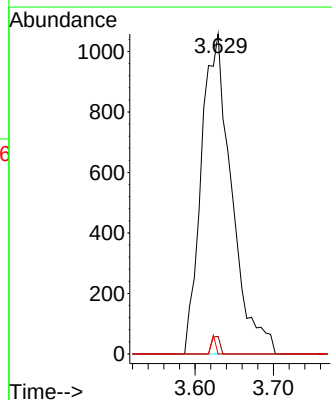
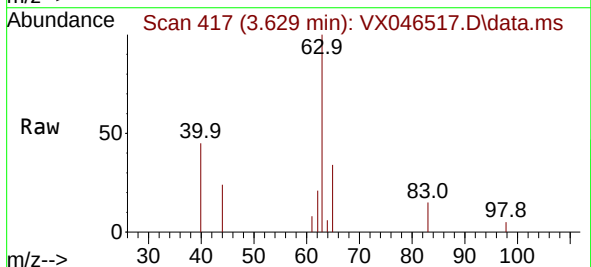
Manual Integrations
 APPROVED

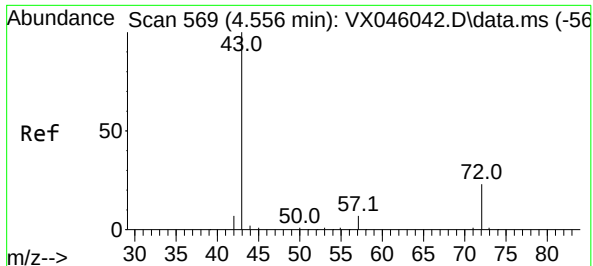
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#24
 1,1-Dichloroethane
 Concen: 1.103 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

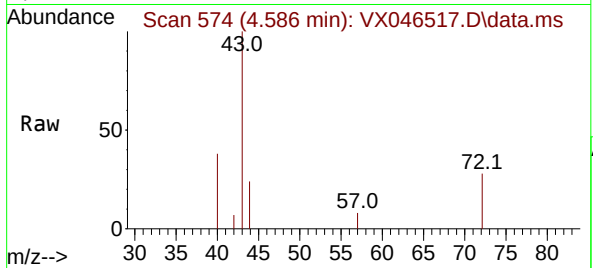
Tgt Ion: 63 Resp: 2842
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.8
 100 0.0 2.1 6.3#





#25
2-Butanone
Concen: 1.696 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

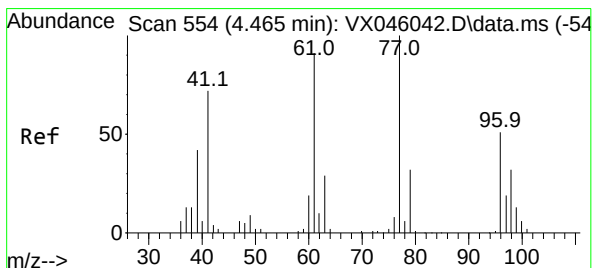
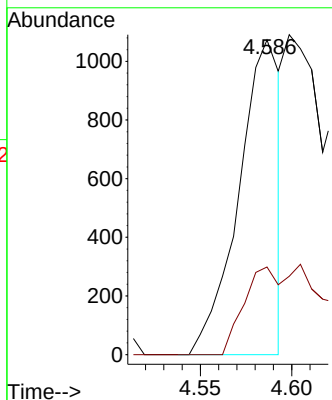
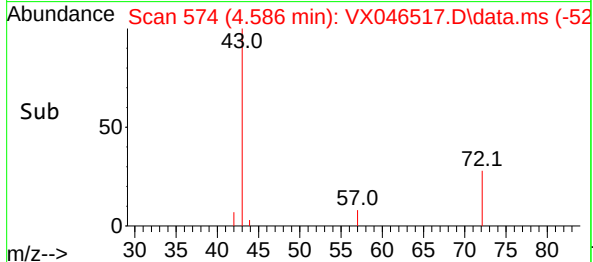
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
72 27.9 18.4 27.6

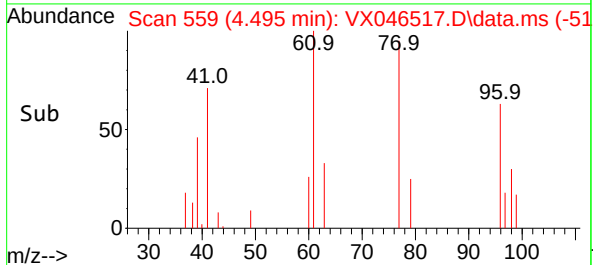
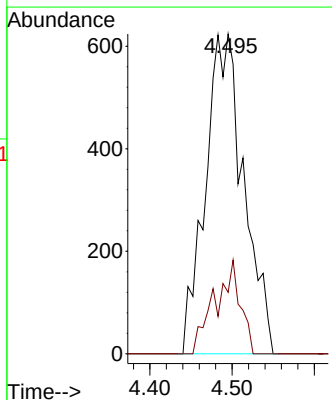
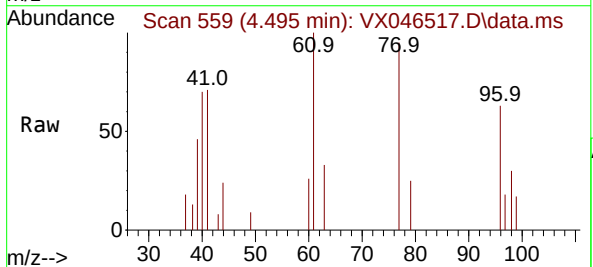
Manual Integrations
APPROVED

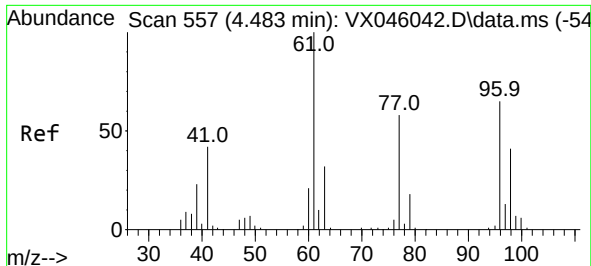
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 1.060 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

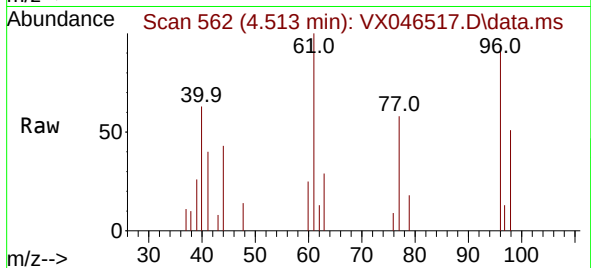
Tgt Ion: 77 Resp: 2028
Ion Ratio Lower Upper
77 100
97 12.3 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.101 ug/l
 RT: 4.513 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

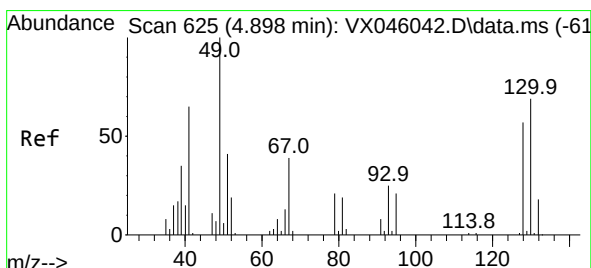
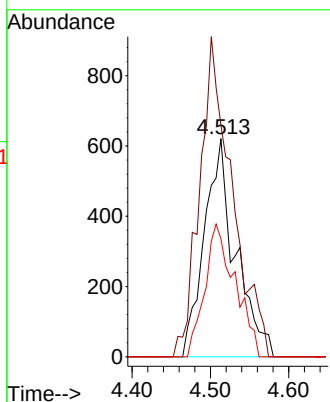
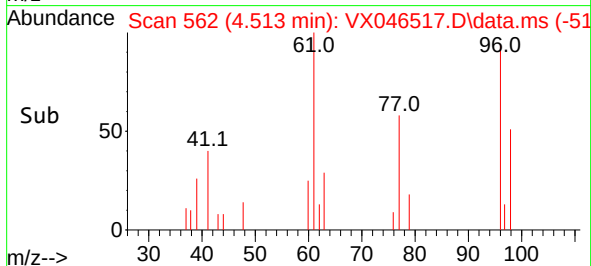
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 1712
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 322.8
 98 59.0 0.0 129.0

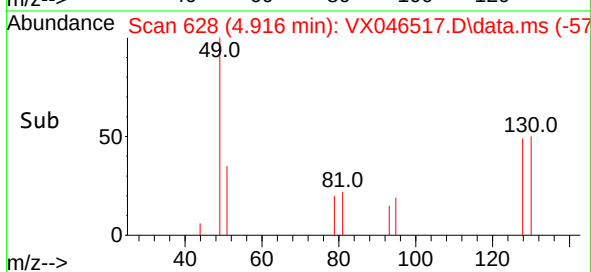
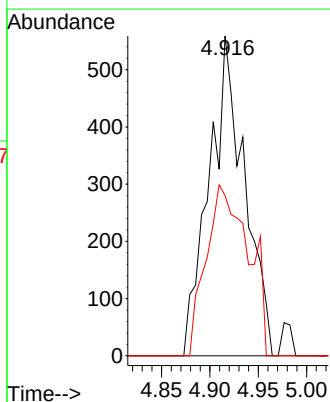
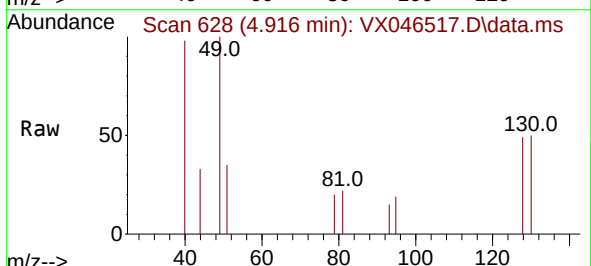
Manual Integrations
 APPROVED

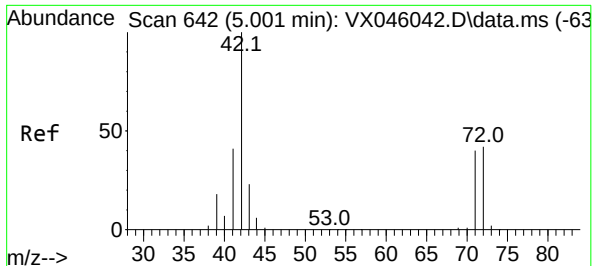
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#28
 Bromochloromethane
 Concen: 1.159 ug/l
 RT: 4.916 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

Tgt Ion: 49 Resp: 1424
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 63.6 56.2 84.2





#29

Tetrahydrofuran

Concen: 4.835 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

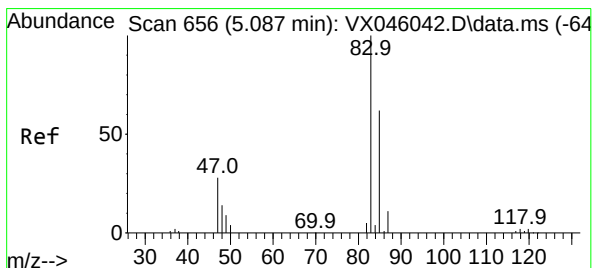
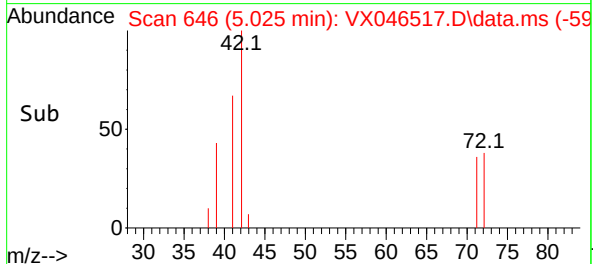
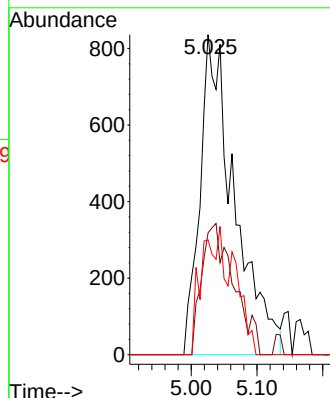
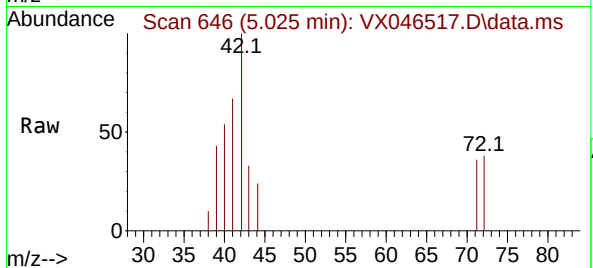
Tgt Ion:	42	Resp:	304
Ion Ratio	Lower	Upper	
42	100		
72	38.4	33.7	50.5
71	26.4	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#30

Chloroform

Concen: 1.118 ug/l

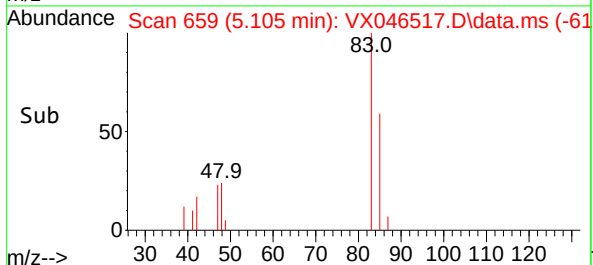
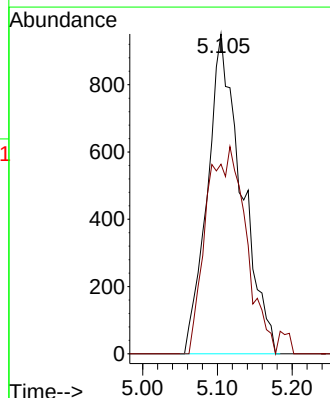
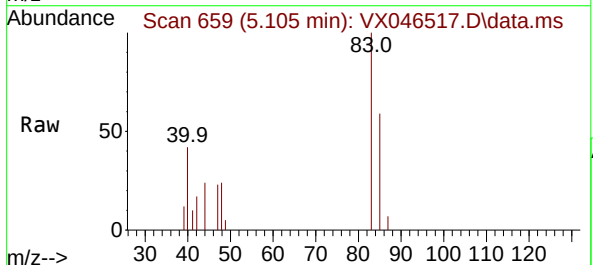
RT: 5.105 min Scan# 659

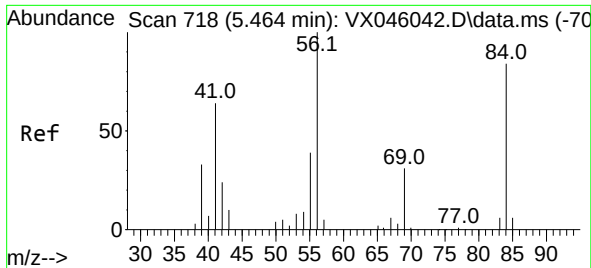
Delta R.T. -0.006 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

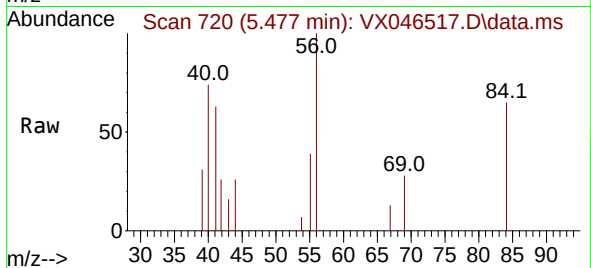
Tgt Ion:	83	Resp:	3017
Ion Ratio	Lower	Upper	
83	100		
85	59.3	49.3	73.9





#31
Cyclohexane
Concen: 1.237 ug/l
RT: 5.477 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

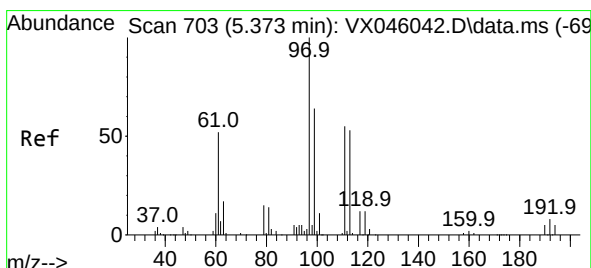
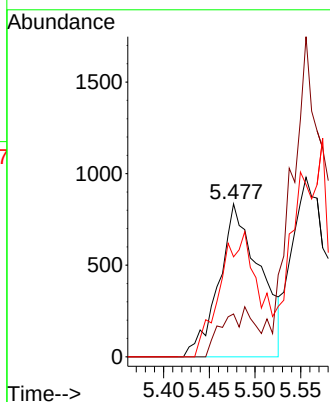
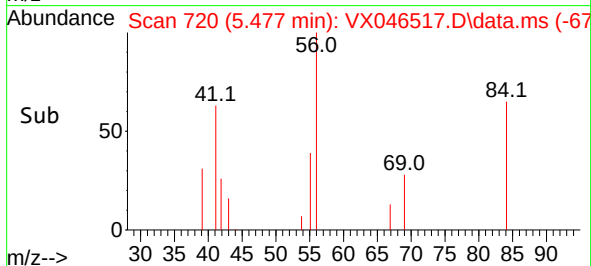
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 56 Resp: 257
Ion Ratio Lower Upper
56 100
69 28.0 24.4 36.6
84 65.4 66.9 100.3

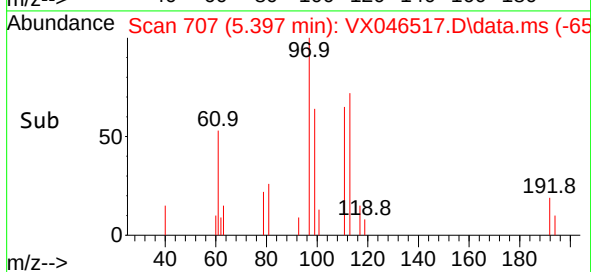
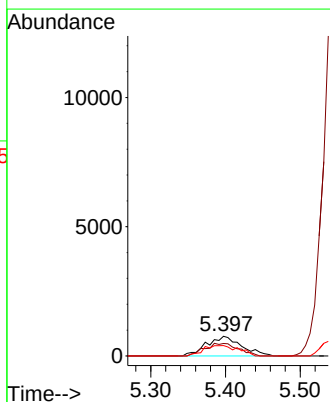
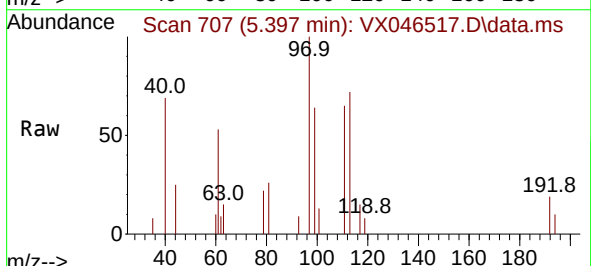
Manual Integrations
APPROVED

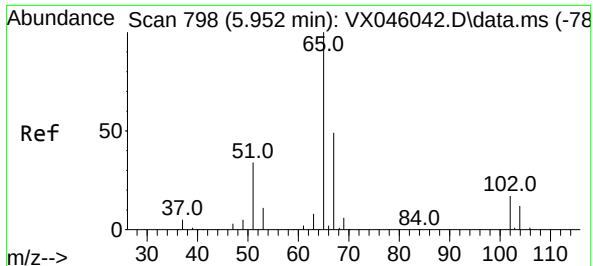
Reviewed By :John Carbone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#32
1,1,1-Trichloroethane
Concen: 1.072 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion: 97 Resp: 2476
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 53.2 40.1 60.1





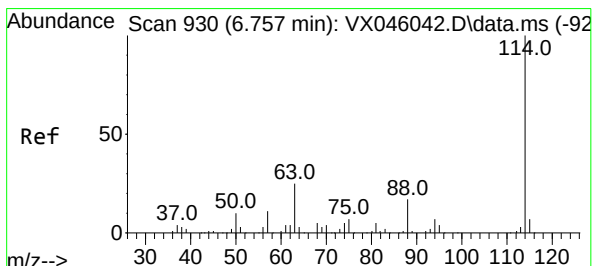
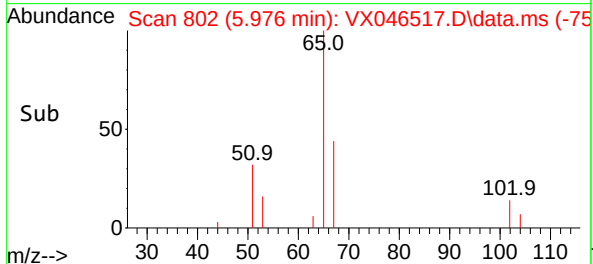
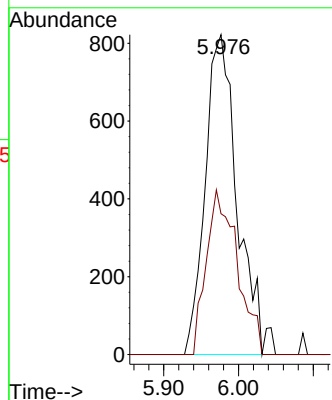
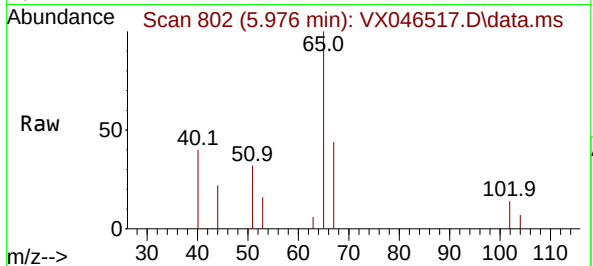
#33
 1,2-Dichloroethane-d4
 Concen: 1.378 ug/l
 RT: 5.976 min Scan# 802
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 65 Resp: 2460
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0

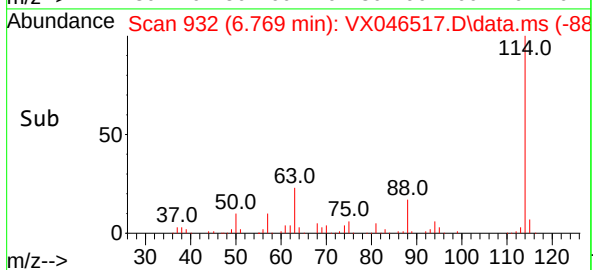
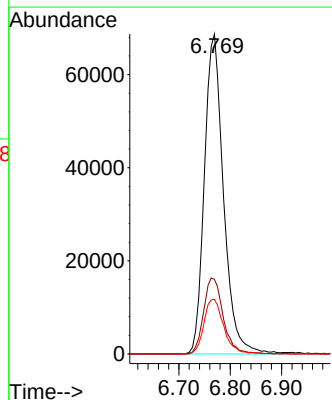
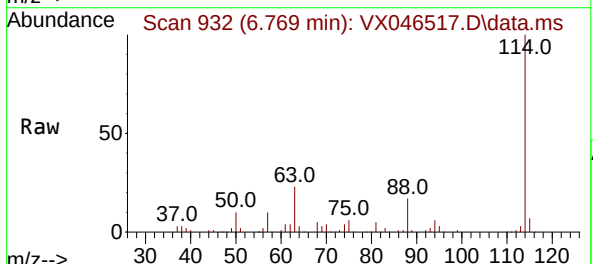
Manual Integrations
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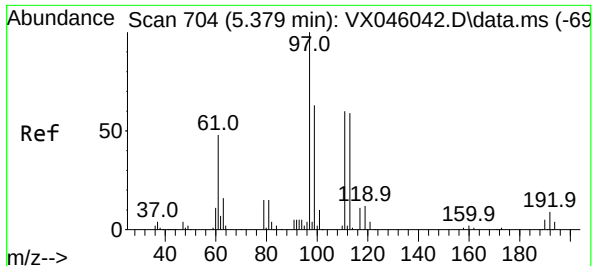
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

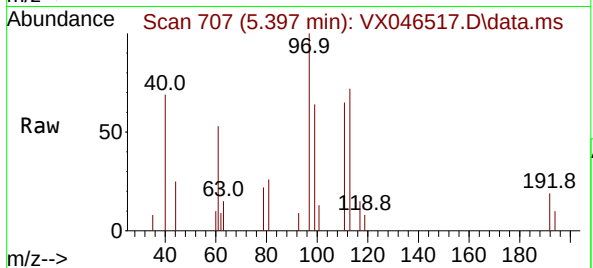
Tgt Ion:114 Resp: 177163
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 49.2
 88 17.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 1.220 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

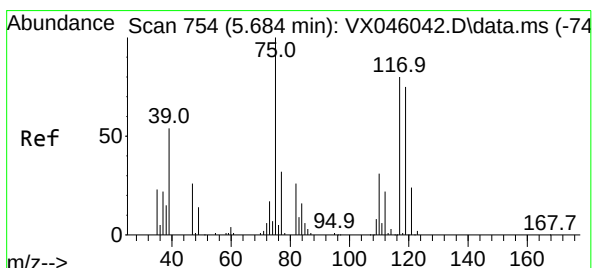
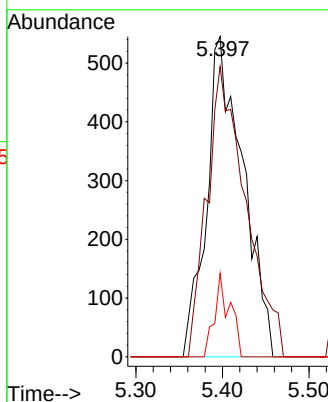
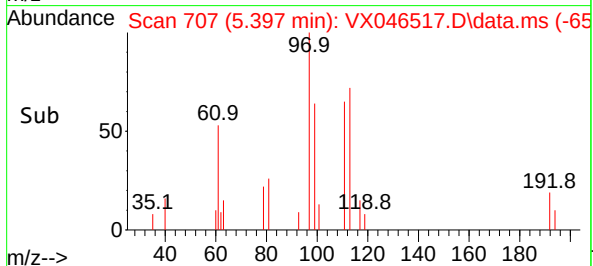
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



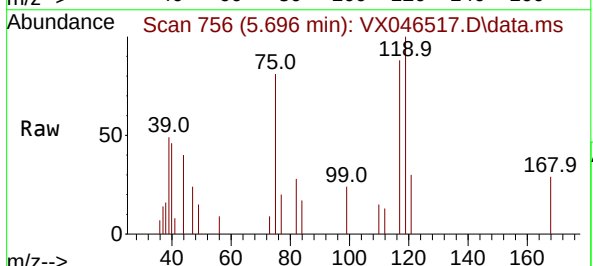
Tgt Ion: 113 Resp: 1589
Ion Ratio Lower Upper
113 100
111 96.5 83.1 124.7
192 11.1 13.3 19.9

Manual Integrations
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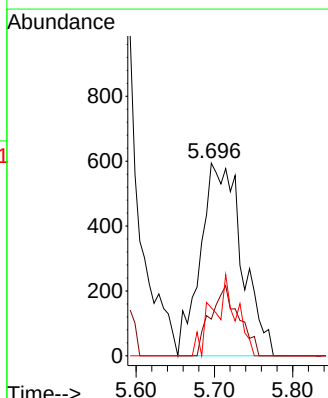
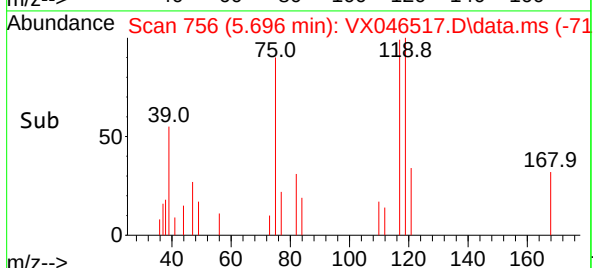
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

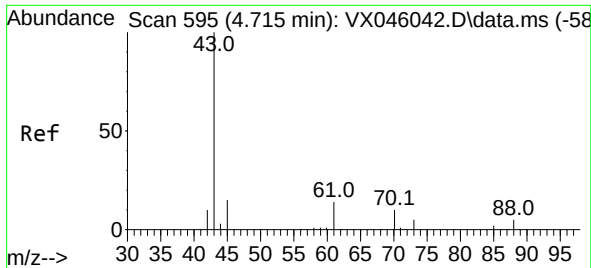


#36
1,1-Dichloropropene
Concen: 1.170 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.018 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



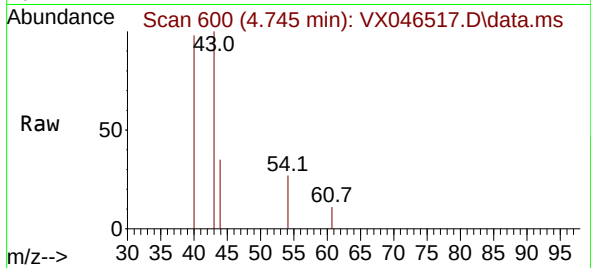
Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
110 0.0 16.3 48.9#
77 10.6 24.3 36.5#





#37
Ethyl Acetate
Concen: 0.619 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

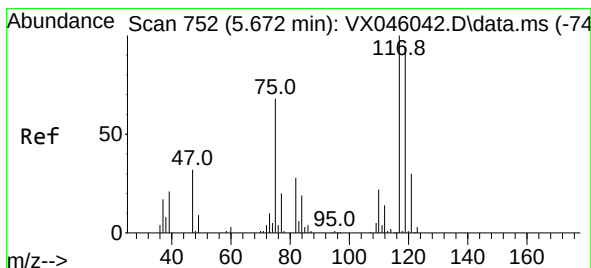
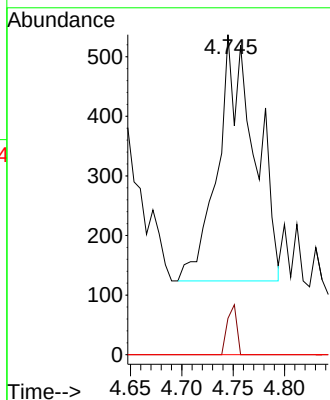
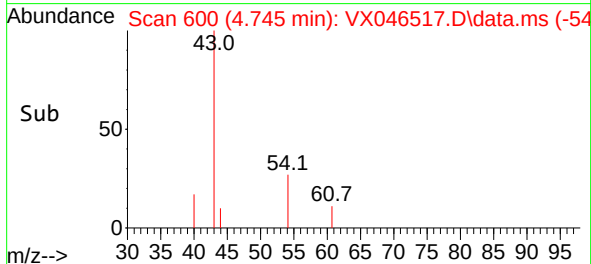
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



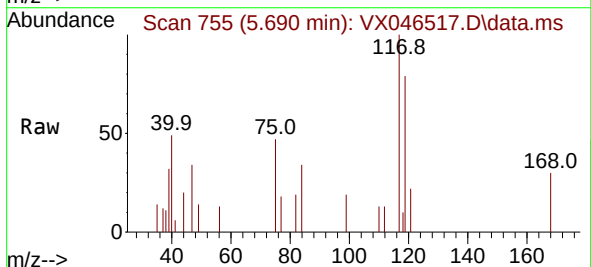
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5
70 0.0 7.9 11.9

Manual Integrations
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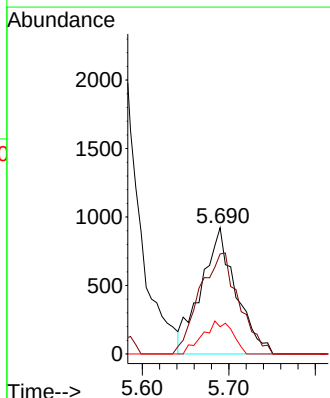
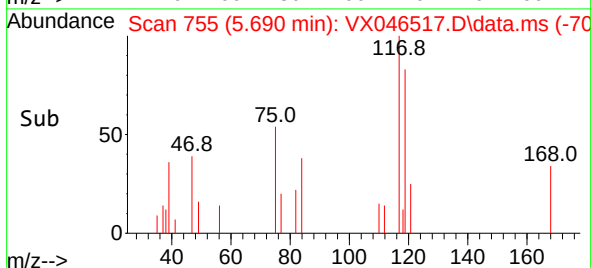
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

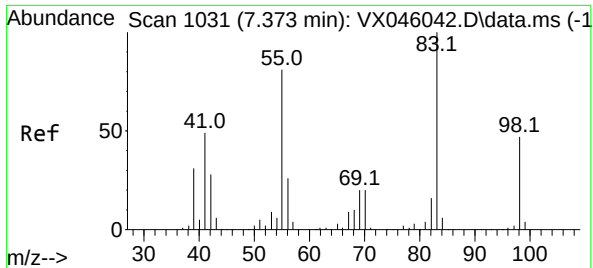


#38
Carbon Tetrachloride
Concen: 1.237 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion:117 Resp: 2578
Ion Ratio Lower Upper
117 100
119 79.2 75.2 112.8
121 21.6 24.2 36.4





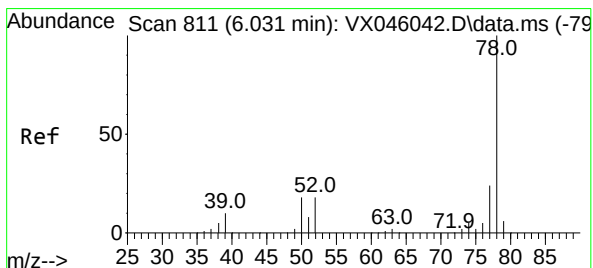
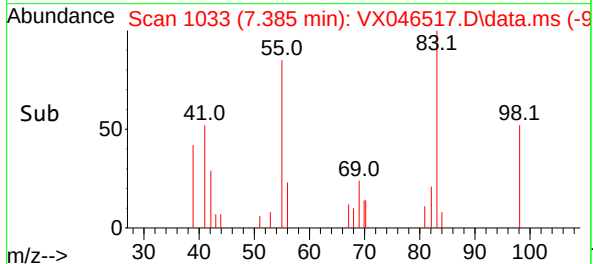
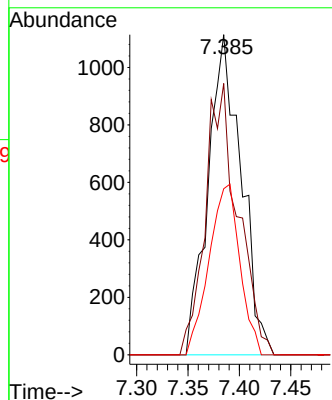
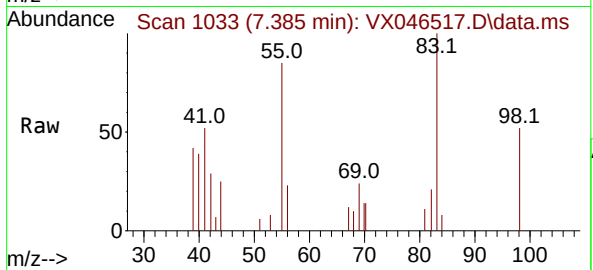
#39
Methylcyclohexane
Concen: 1.139 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 250
Ion Ratio Lower Upper
83 100
55 84.7 64.7 97.1
98 51.9 37.4 56.2

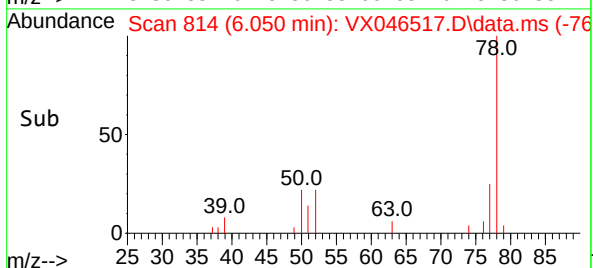
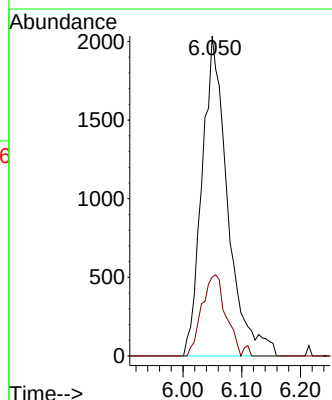
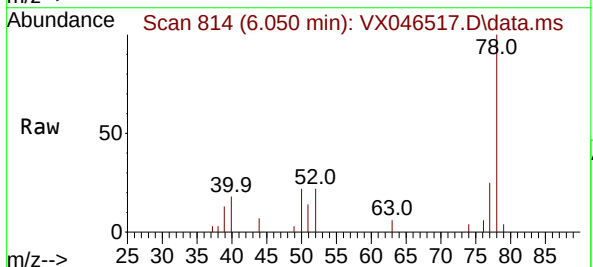
Manual Integrations
APPROVED

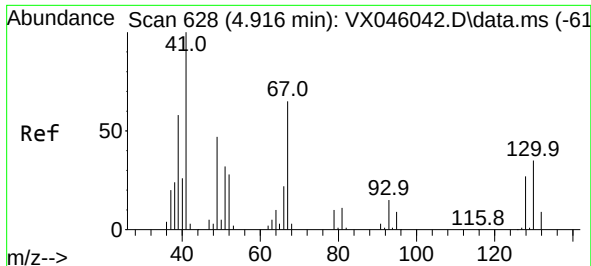
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#40
Benzene
Concen: 1.181 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

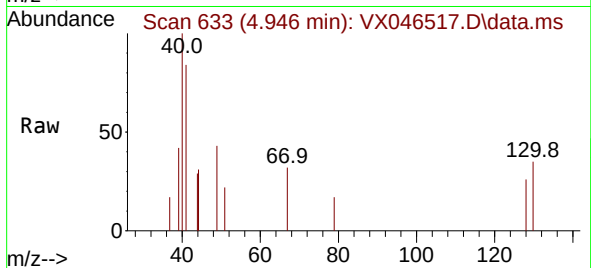
Tgt Ion: 78 Resp: 6185
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41
Methacrylonitrile
Concen: 0.674 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

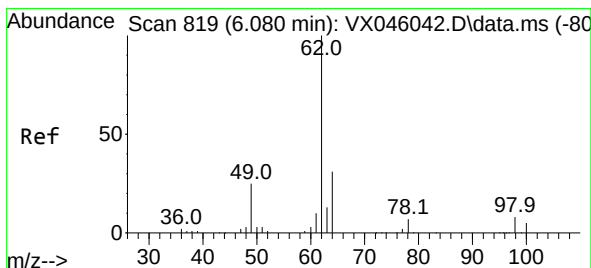
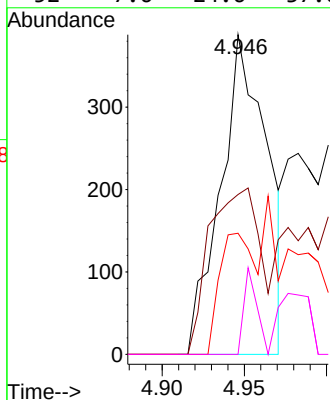
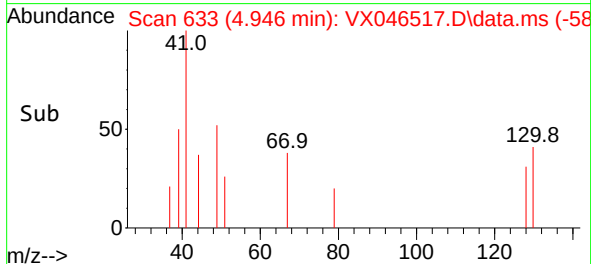
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 41 Resp: 760
Ion Ratio Lower Upper
41 100
39 56.7 47.2 70.8
67 29.2 50.7 76.1
52 7.6 24.6 37.0#

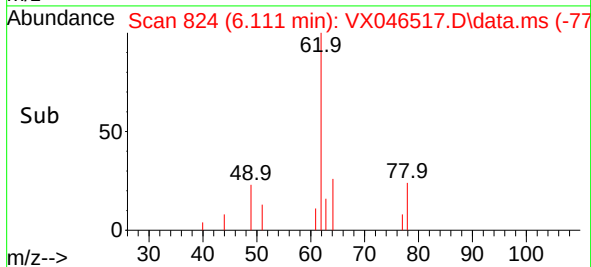
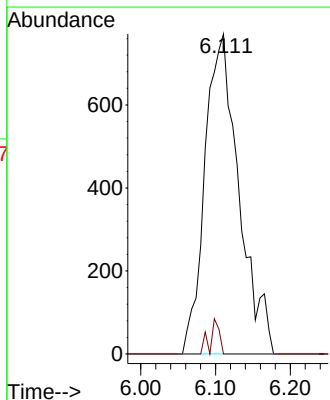
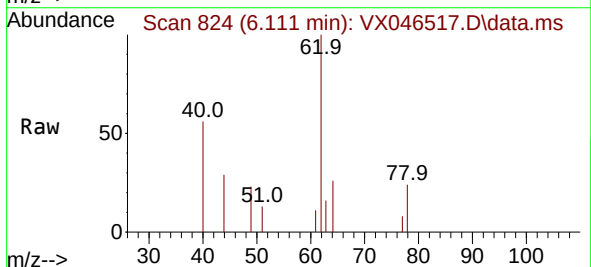
Manual Integrations
APPROVED

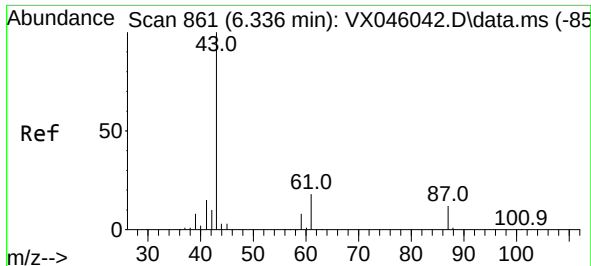
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 1.119 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

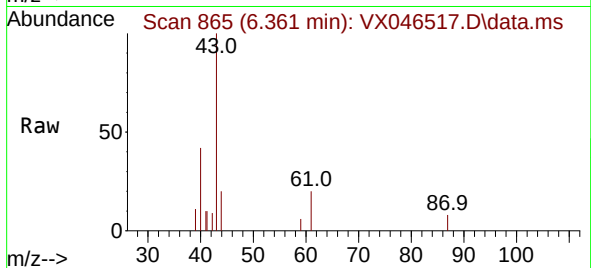
Tgt Ion: 62 Resp: 2440
Ion Ratio Lower Upper
62 100
98 3.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 0.995 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

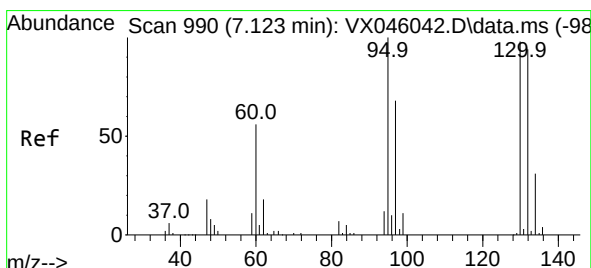
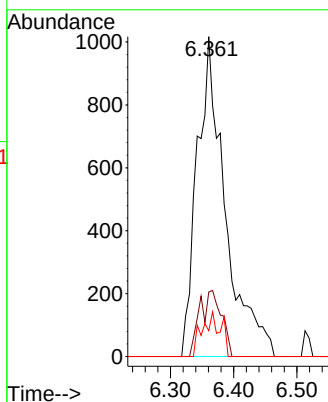
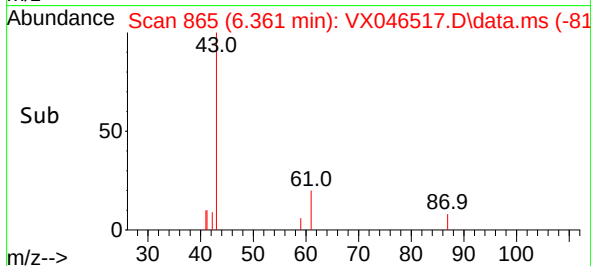
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



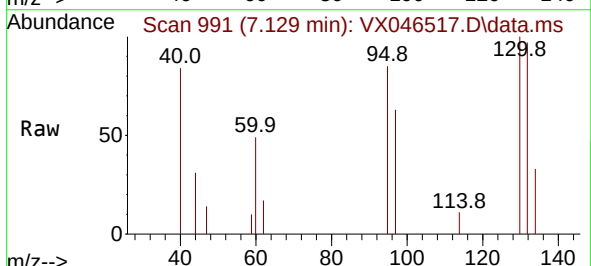
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
61 16.1 14.3 21.5
87 9.0 9.5 14.3

Manual Integrations
APPROVED

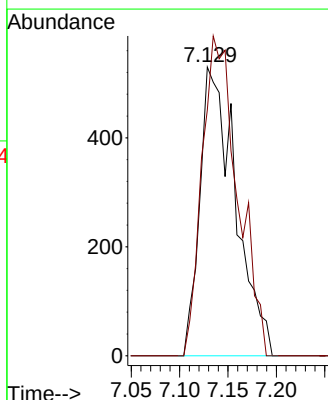
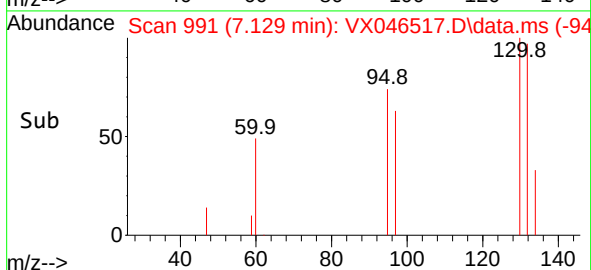
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

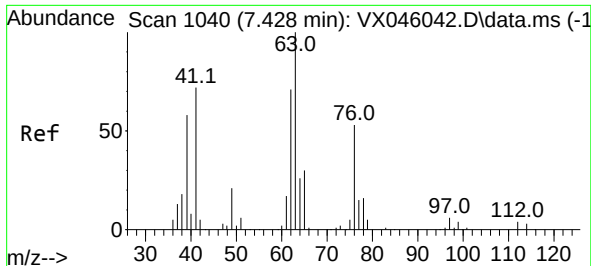


#44
Trichloroethene
Concen: 1.022 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



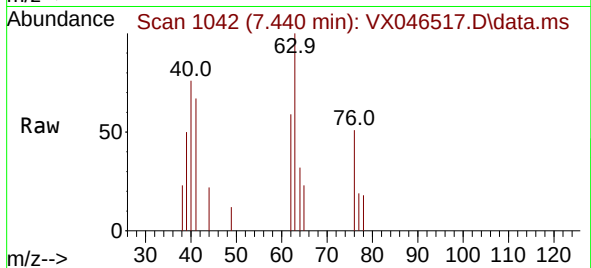
Tgt Ion:130 Resp: 1361
Ion Ratio Lower Upper
130 100
95 85.1 0.0 204.2





#45
1,2-Dichloropropane
Concen: 1.128 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

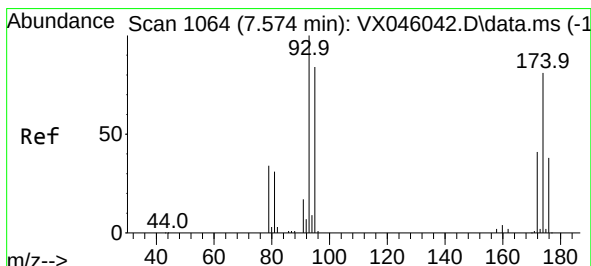
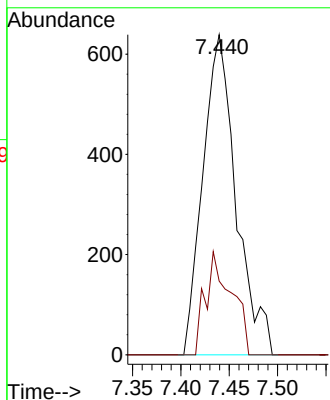
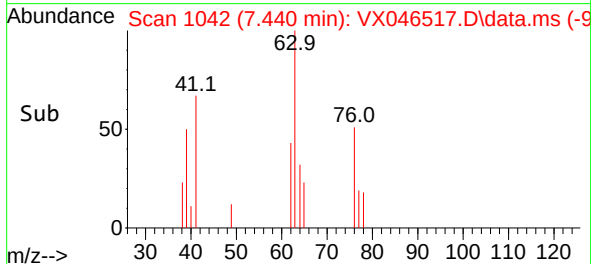
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



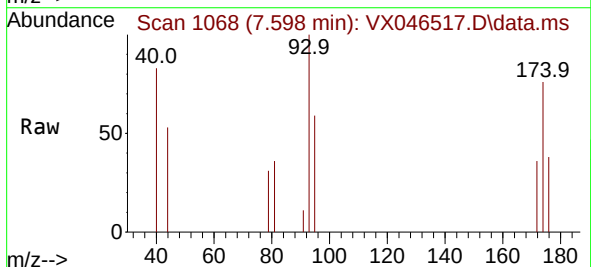
Tgt Ion: 63 Resp: 1520
Ion Ratio Lower Upper
63 100
65 23.0 24.1 36.1

Manual Integrations
APPROVED

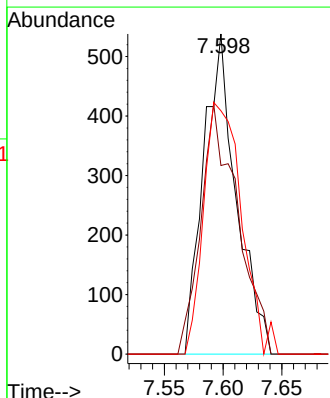
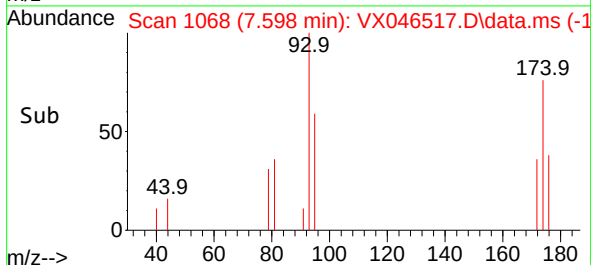
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

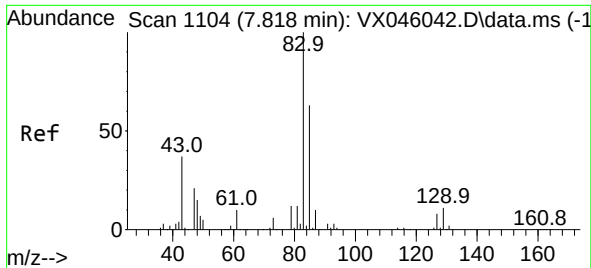


#46
Dibromomethane
Concen: 1.028 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion: 93 Resp: 1046
Ion Ratio Lower Upper
93 100
95 87.8 65.6 98.4
174 90.9 68.2 102.2





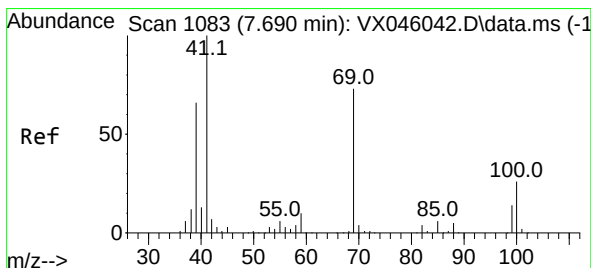
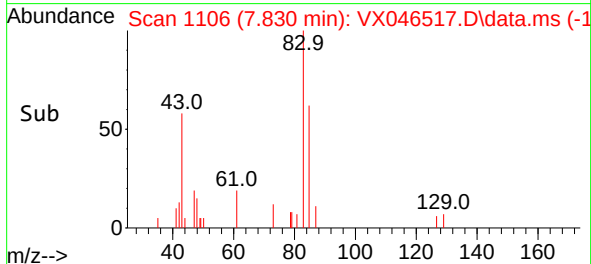
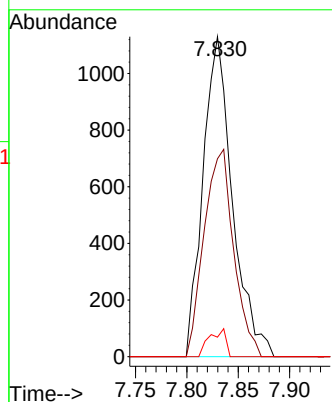
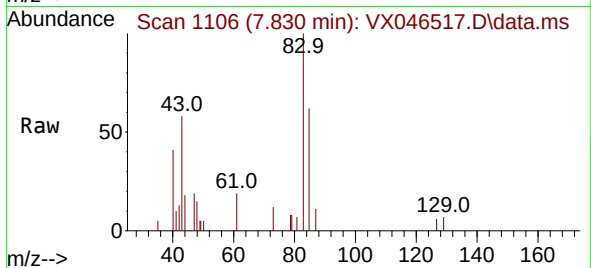
#47
Bromodichloromethane
Concen: 1.077 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 225
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 6.1 6.5 9.7

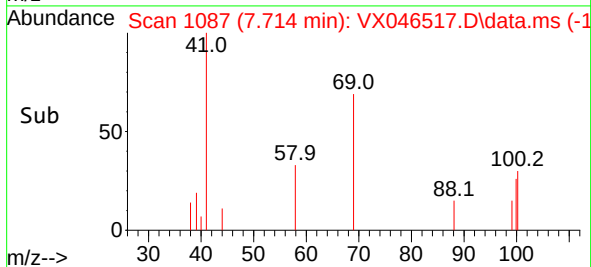
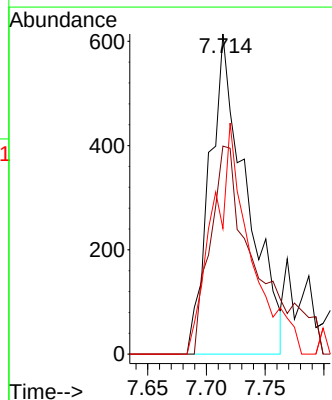
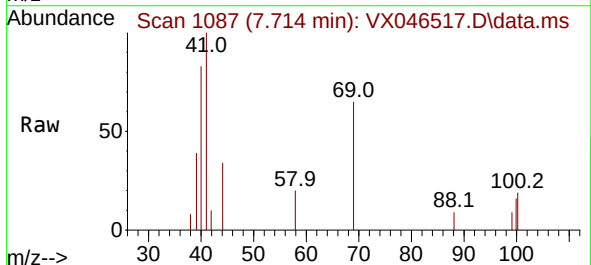
Manual Integrations
APPROVED

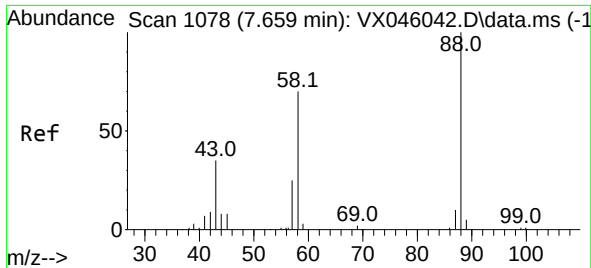
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#48
Methyl methacrylate
Concen: 0.826 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.012 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion: 41 Resp: 1346
Ion Ratio Lower Upper
41 100
69 81.4 58.5 87.7
39 73.3 51.7 77.5





#49
1,4-Dioxane
Concen: 11.429 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

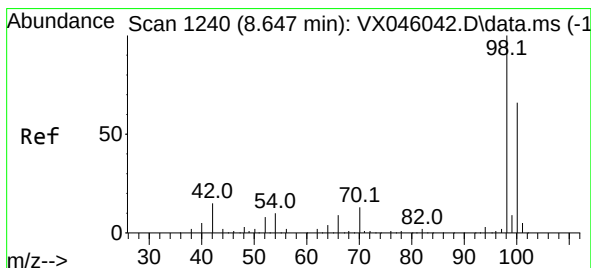
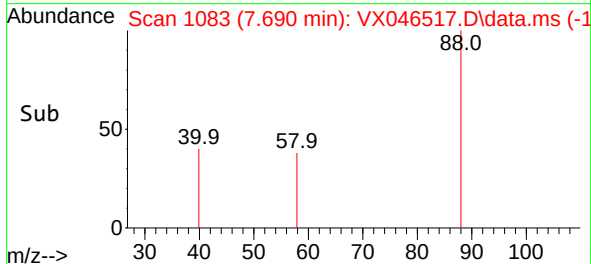
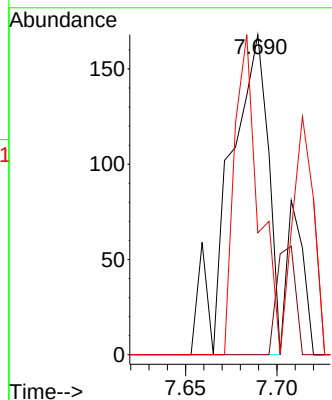
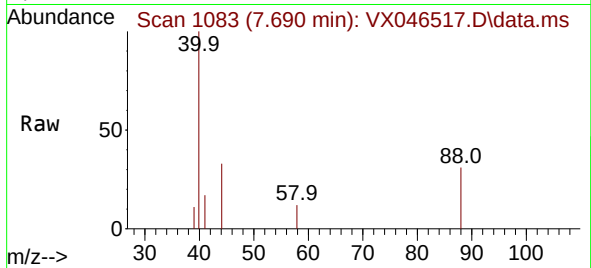
VSTDIC001

Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 0.0 33.4 50.2
58 62.2 58.6 88.0

Manual Integrations

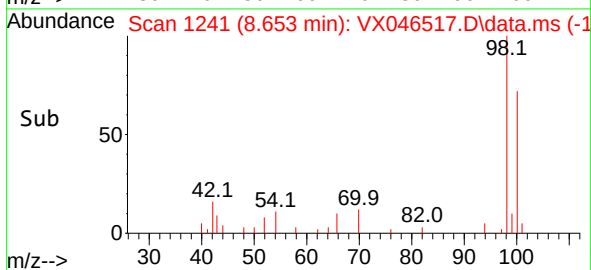
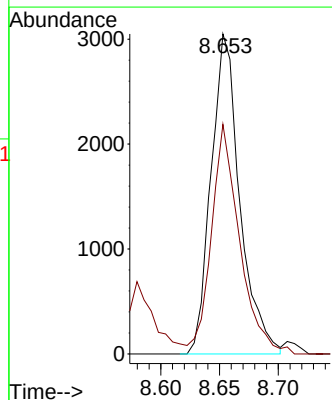
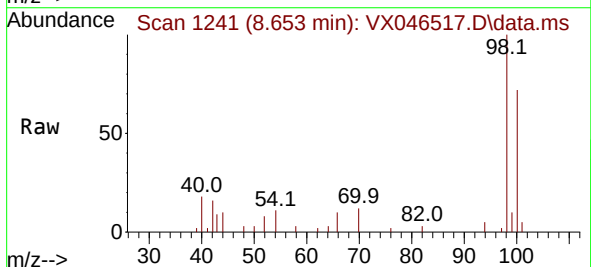
APPROVED

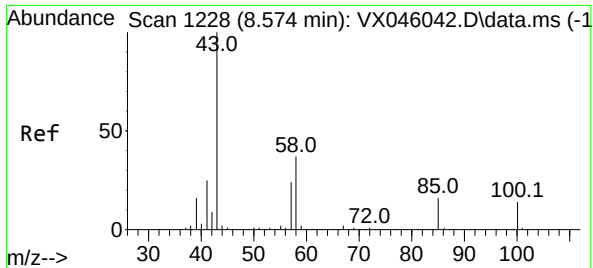
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#50
Toluene-d8
Concen: 1.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion: 98 Resp: 5192
Ion Ratio Lower Upper
98 100
100 70.3 53.5 80.3





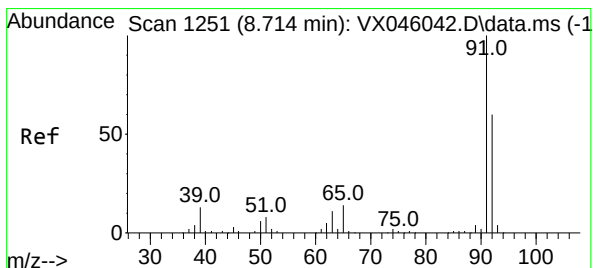
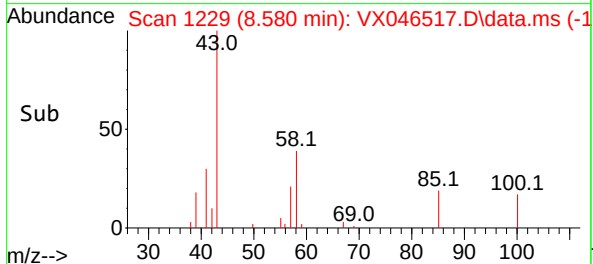
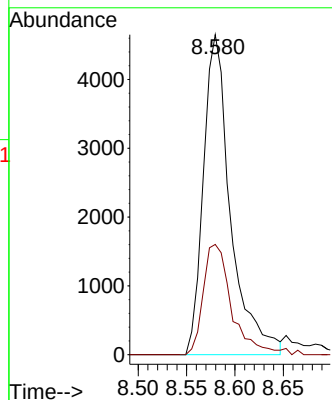
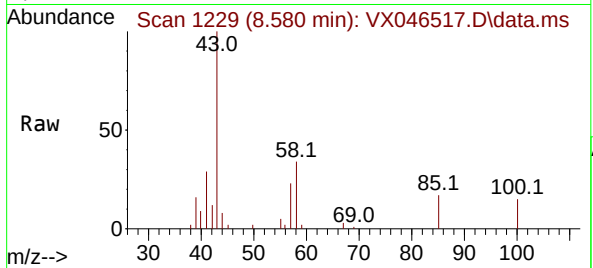
#51
4-Methyl-2-Pentanone
Concen: 4.517 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
58 36.4 28.9 43.3

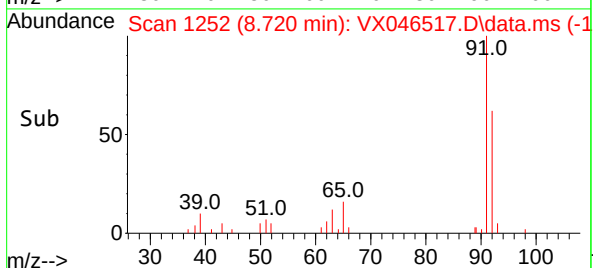
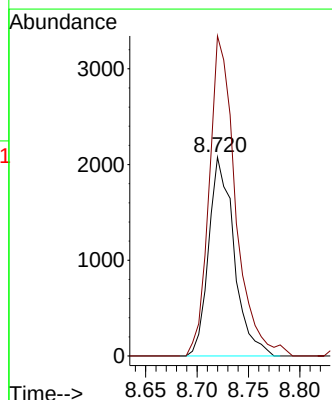
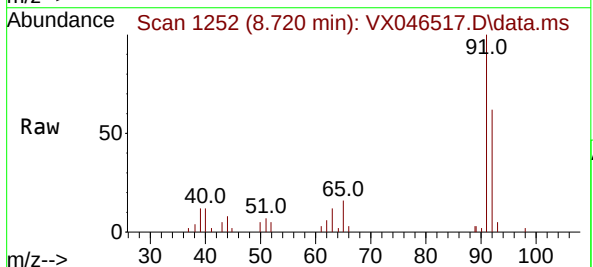
Manual Integrations
APPROVED

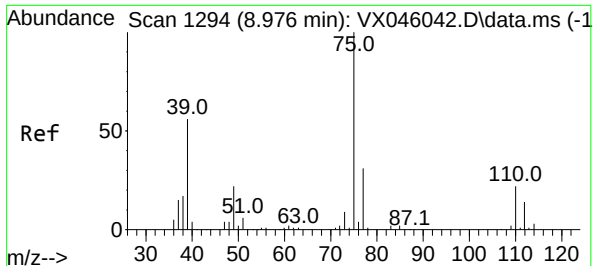
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#52
Toluene
Concen: 1.109 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion: 92 Resp: 3569
Ion Ratio Lower Upper
92 100
91 167.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 0.908 ug/l

RT: 8.994 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

75 100

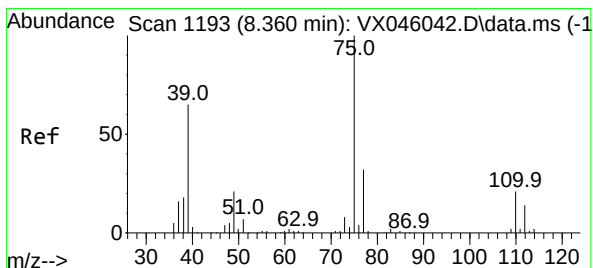
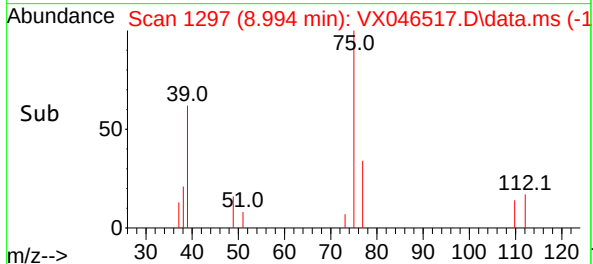
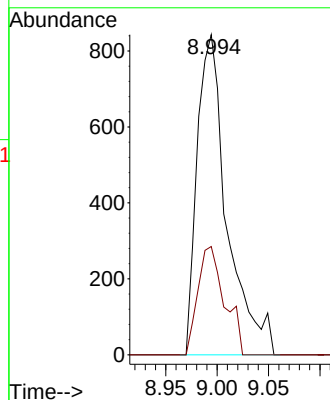
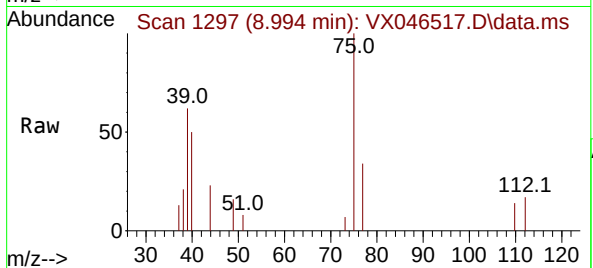
77 33.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#54

cis-1,3-Dichloropropene

Concen: 0.959 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

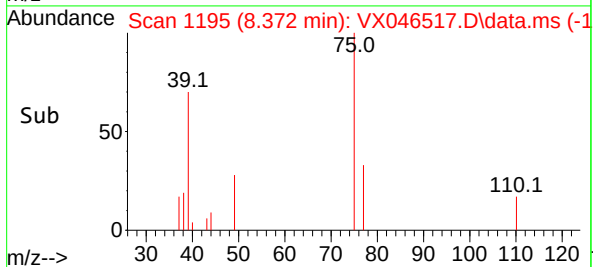
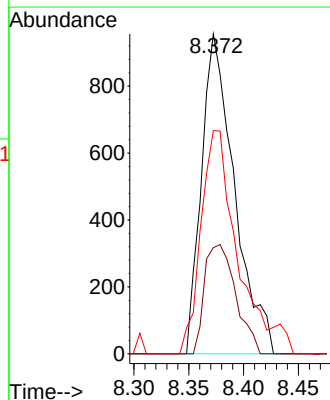
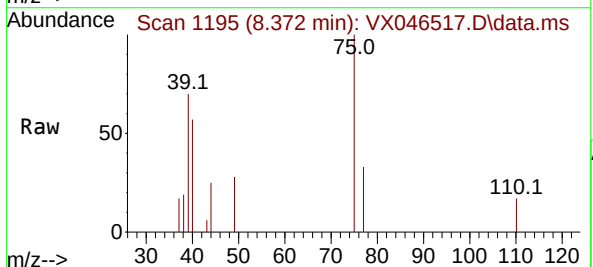
Tgt Ion: 75 Resp: 2000

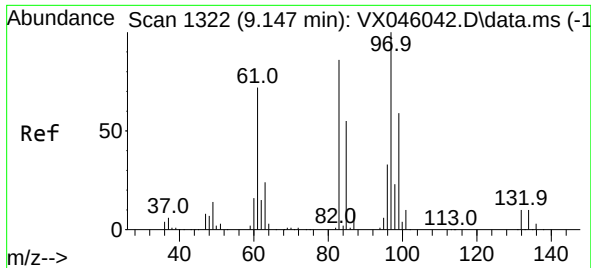
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

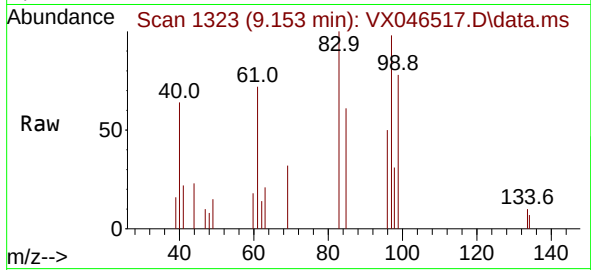
39 69.8 52.2 78.4





#55
 1,1,2-Trichloroethane
 Concen: 0.967 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

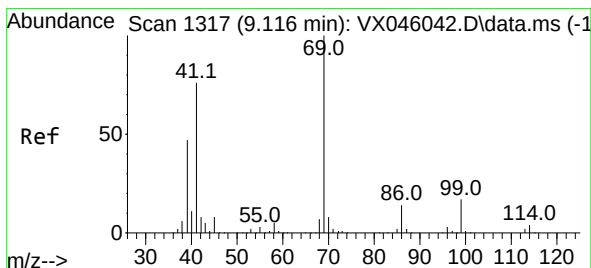
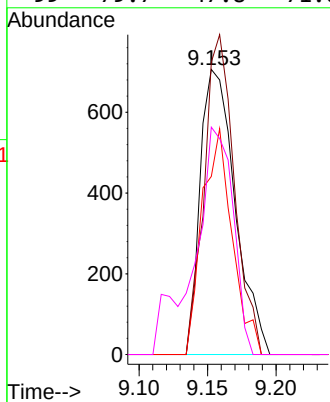
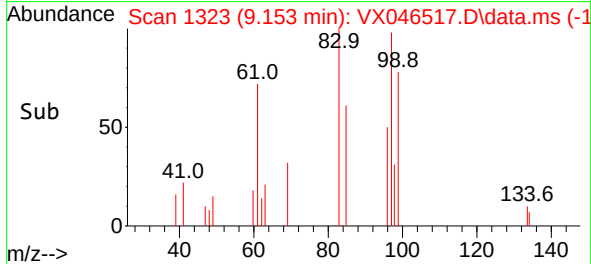
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 97 Resp: 1250
 Ion Ratio Lower Upper
 97 100
 83 102.5 69.0 103.6
 85 62.5 44.3 66.5
 99 79.7 47.8 71.6#

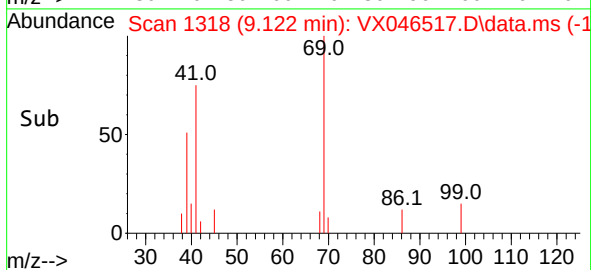
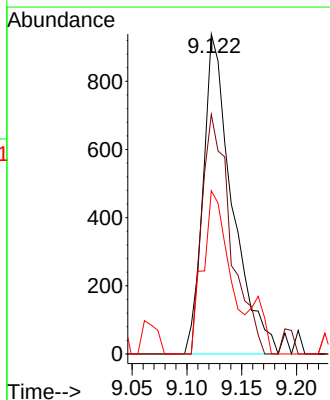
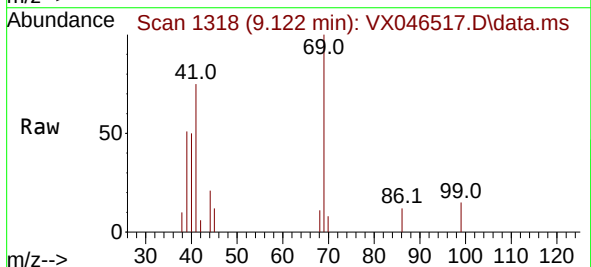
Manual Integrations
 APPROVED

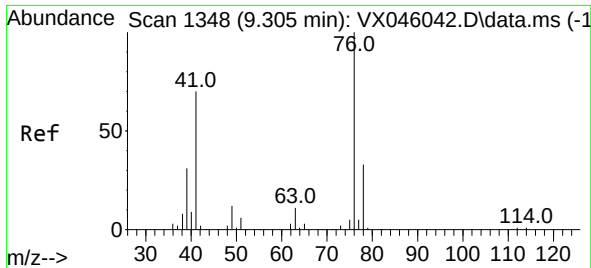
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#56
 Ethyl methacrylate
 Concen: 0.870 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

Tgt Ion: 69 Resp: 1730
 Ion Ratio Lower Upper
 69 100
 41 74.5 60.8 91.2
 39 46.4 39.0 58.6





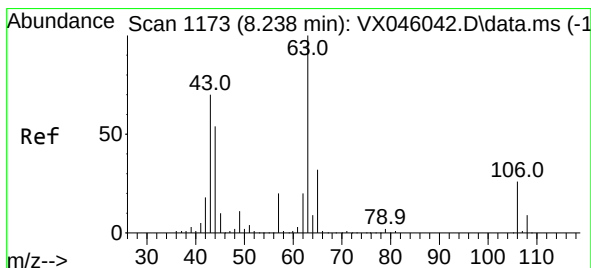
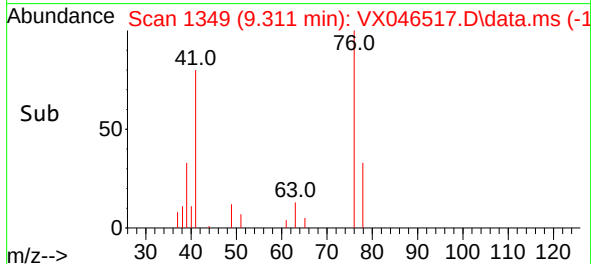
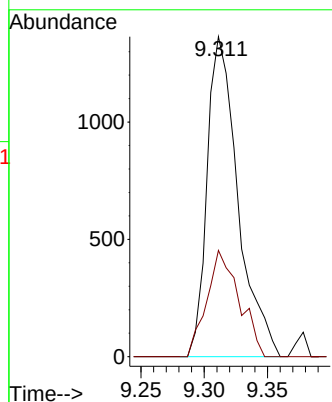
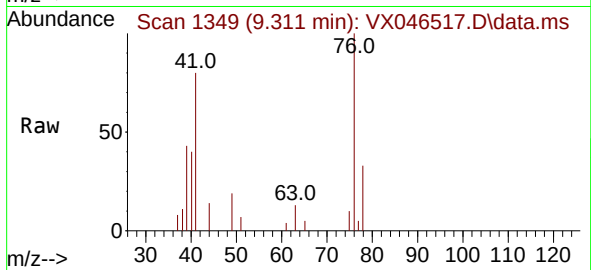
#57
1,3-Dichloropropane
Concen: 1.013 ug/l
RT: 9.311 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 231
Ion Ratio Lower Upper
76 100
78 34.9 26.3 39.5

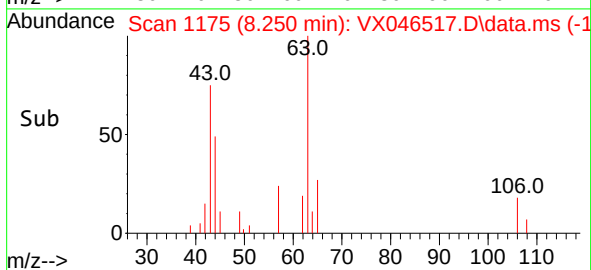
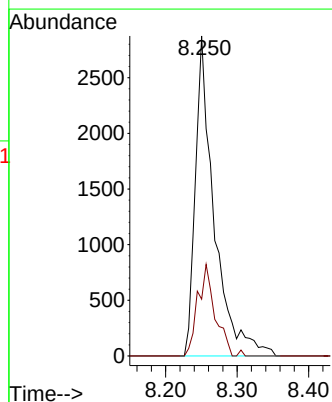
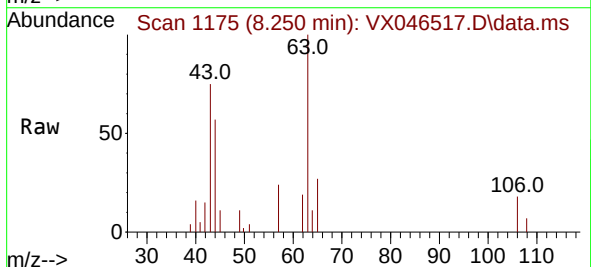
Manual Integrations
APPROVED

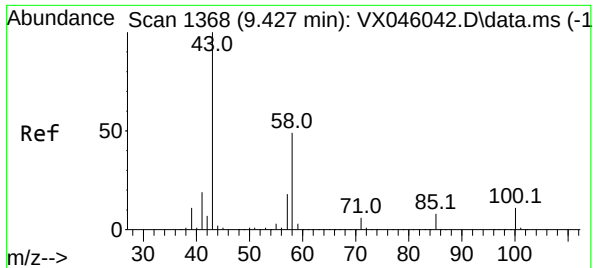
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 4.849 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

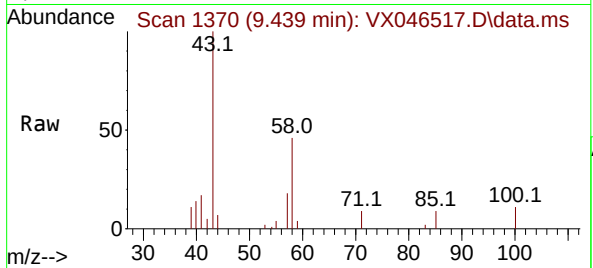
Tgt Ion: 63 Resp: 5252
Ion Ratio Lower Upper
63 100
106 26.1 21.5 32.3





#59
2-Hexanone
Concen: 4.345 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

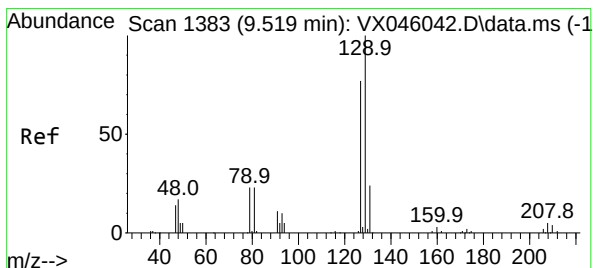
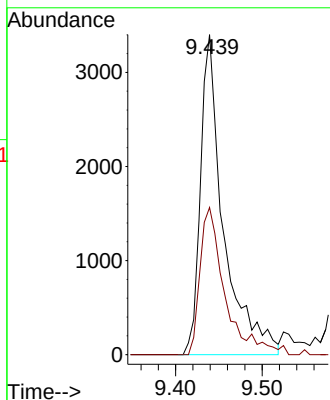
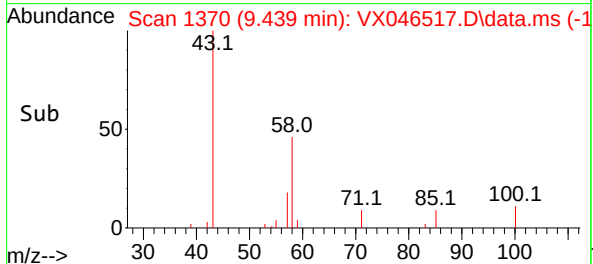
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

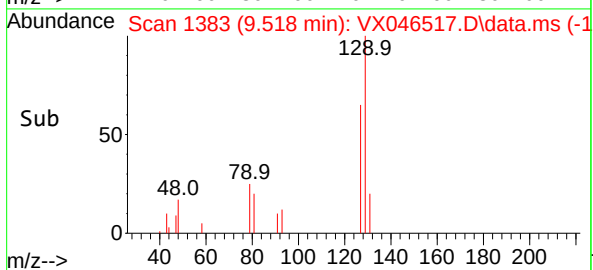
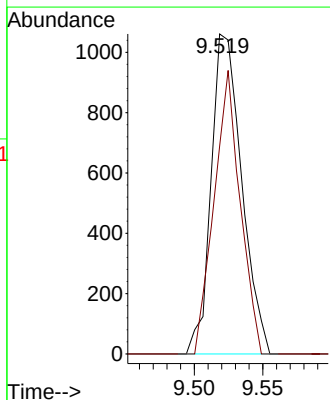
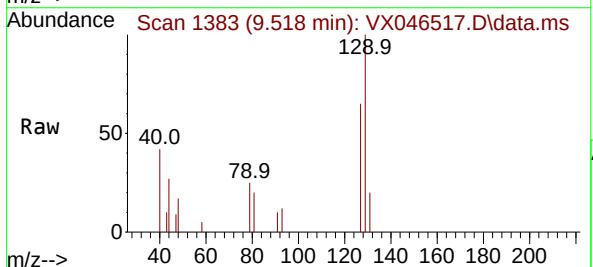
Manual Integrations
APPROVED

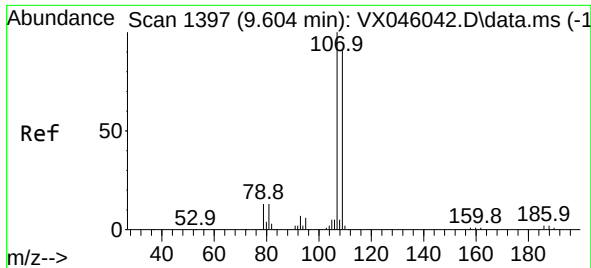
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 1.082 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

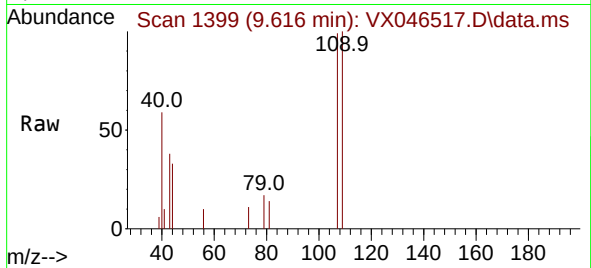
Tgt Ion:129 Resp: 1644
Ion Ratio Lower Upper
129 100
127 75.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 0.963 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

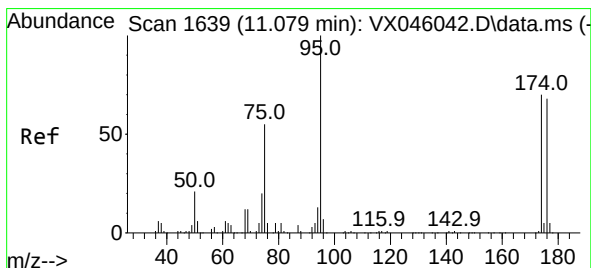
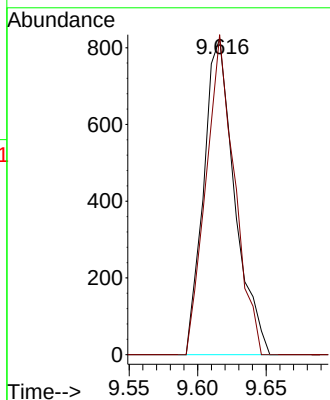
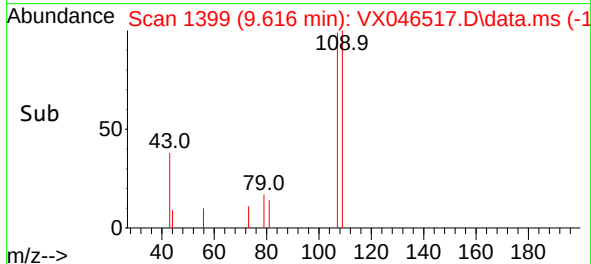
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



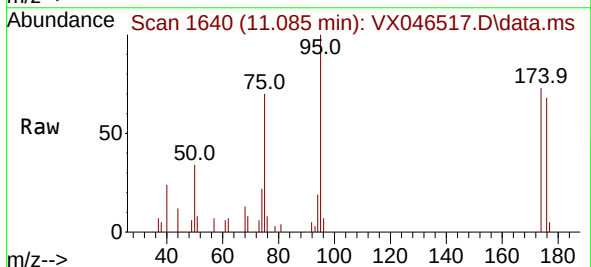
Tgt Ion:107 Resp: 1290
Ion Ratio Lower Upper
107 100
109 93.1 73.3 109.9

Manual Integrations
APPROVED

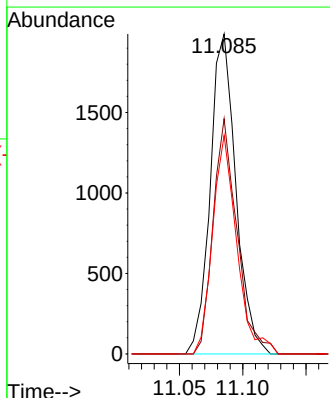
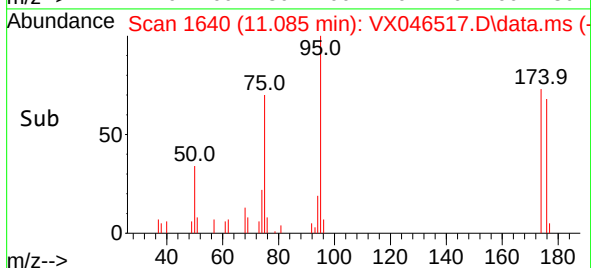
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

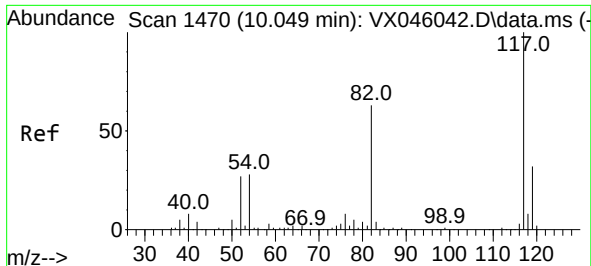


#62
4-Bromofluorobenzene
Concen: 1.577 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion: 95 Resp: 2802
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 64.3 0.0 131.4





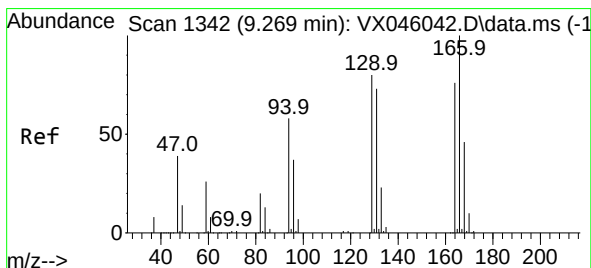
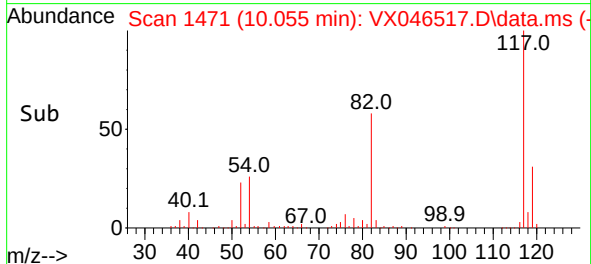
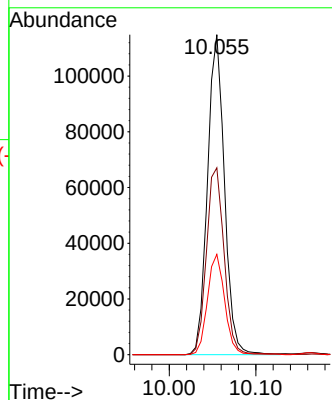
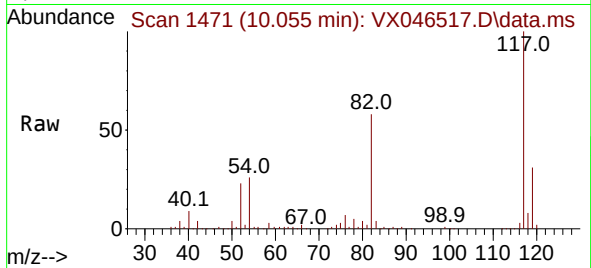
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 15627
Ion Ratio Lower Upper
117 100
82 58.4 50.6 76.0
119 31.4 25.8 38.6

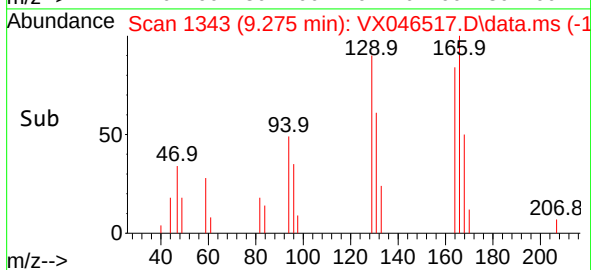
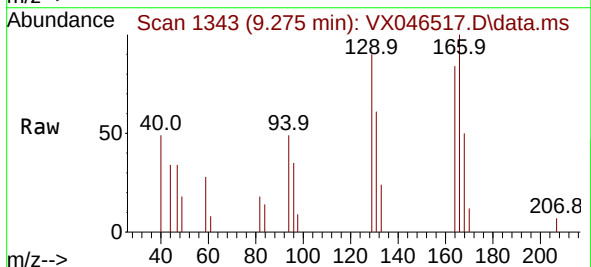
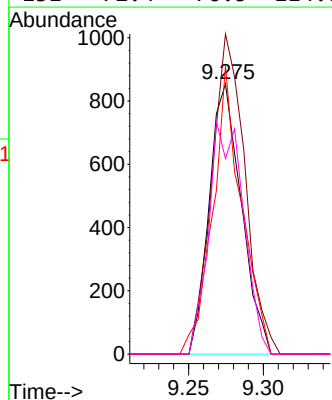
Manual Integrations
APPROVED

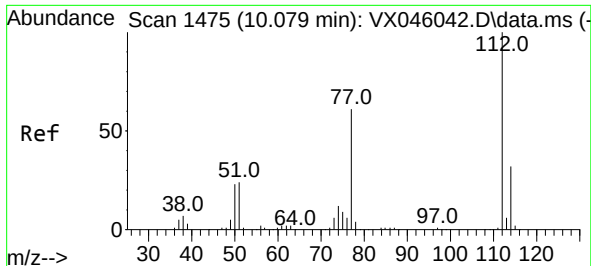
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 1.225 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

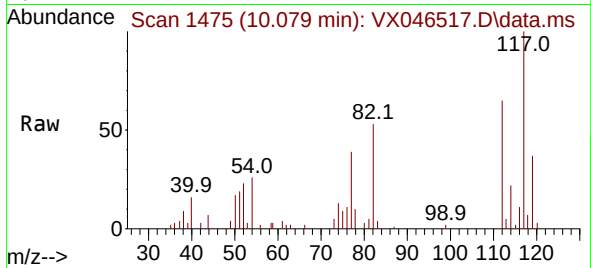
Tgt Ion:164 Resp: 1280
Ion Ratio Lower Upper
164 100
166 118.5 105.0 157.6
129 106.7 83.5 125.3
131 72.4 76.5 114.7#





#65
Chlorobenzene
Concen: 1.139 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

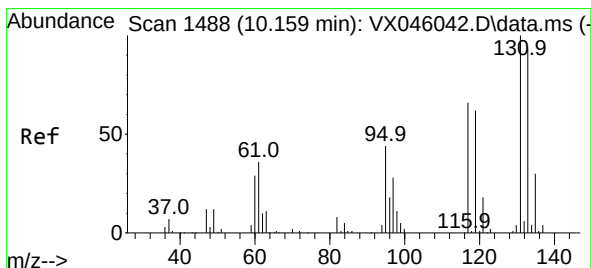
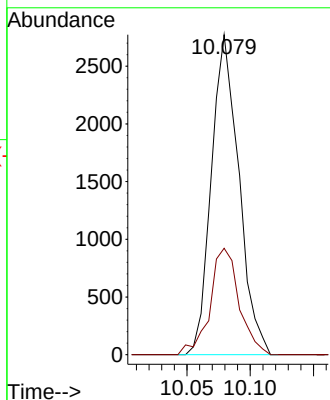
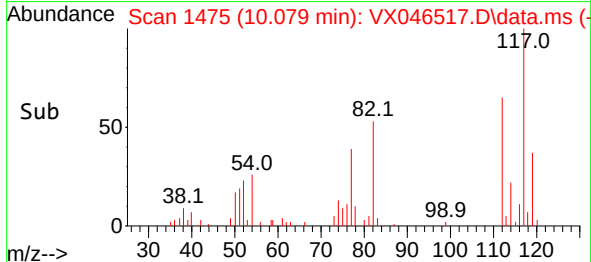
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



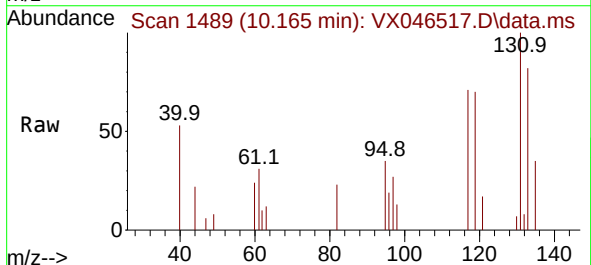
Tgt Ion:112 Resp: 4188
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

Manual Integrations
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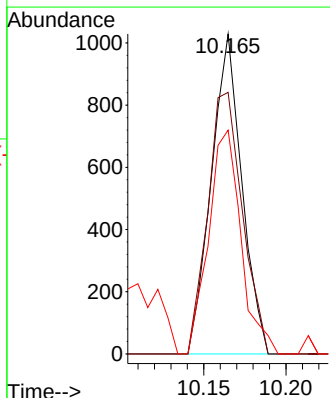
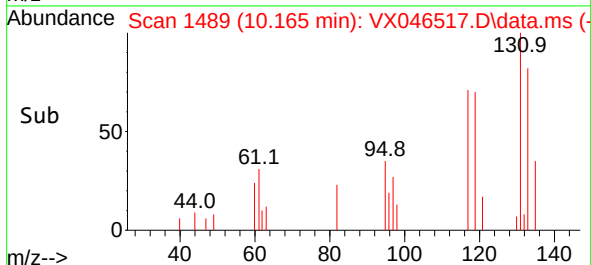
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

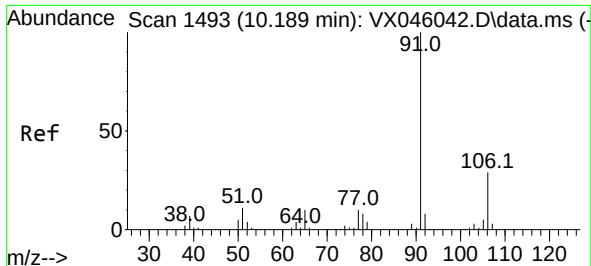


#66
1,1,1,2-Tetrachloroethane
Concen: 1.068 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion:131 Resp: 1326
Ion Ratio Lower Upper
131 100
133 93.1 47.3 141.9
119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 1.085 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 6958

Ion Ratio Lower Upper

91 100

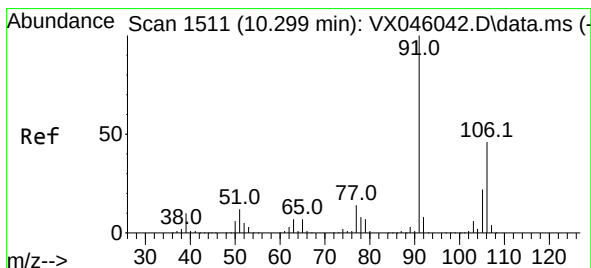
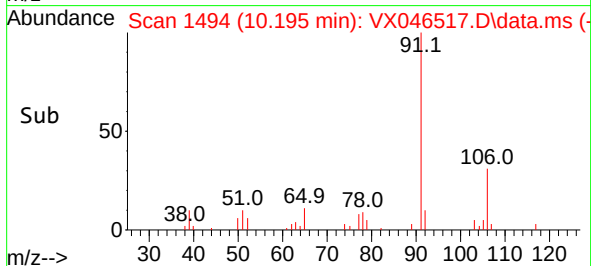
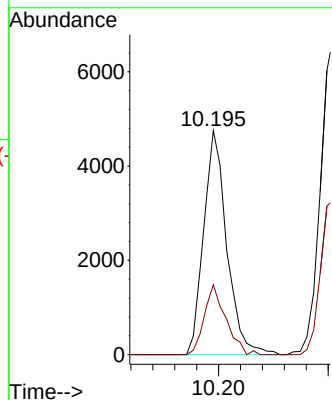
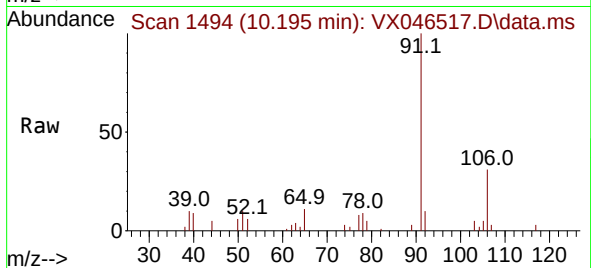
106 31.2 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#68

m/p-Xylenes

Concen: 2.111 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046517.D

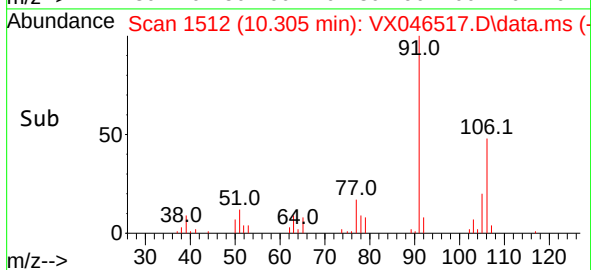
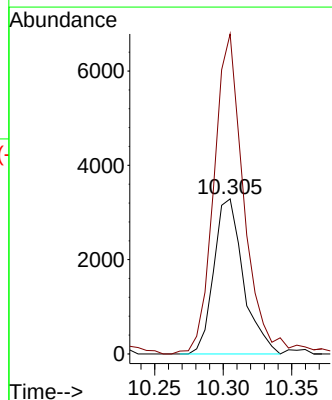
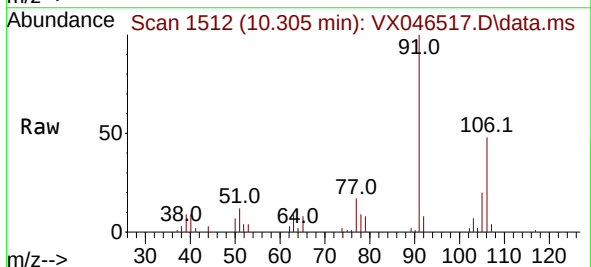
Acq: 06 Jun 2025 09:13

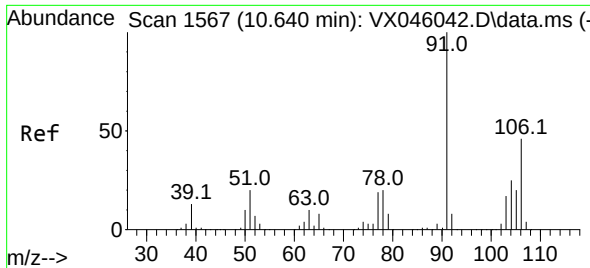
Tgt Ion:106 Resp: 4914

Ion Ratio Lower Upper

106 100

91 213.7 171.2 256.8





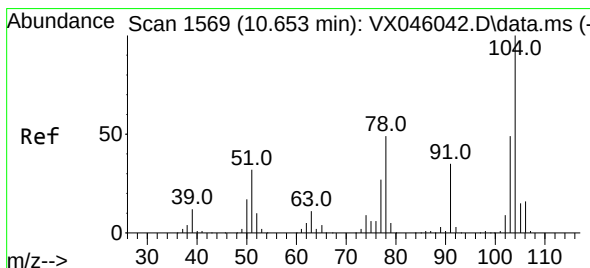
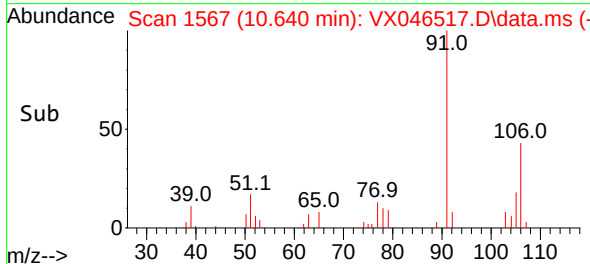
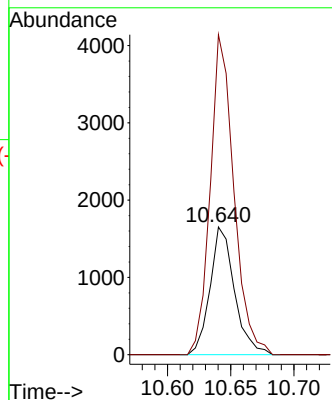
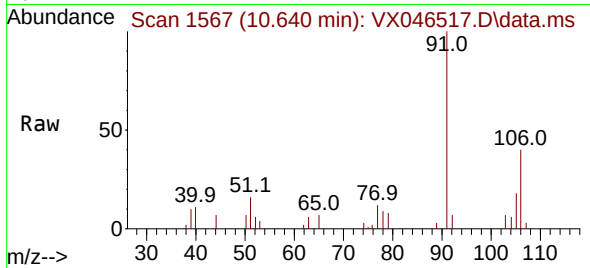
#69
o-Xylene
Concen: 0.988 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 2229
Ion Ratio Lower Upper
106 100
91 241.9 112.7 338.1

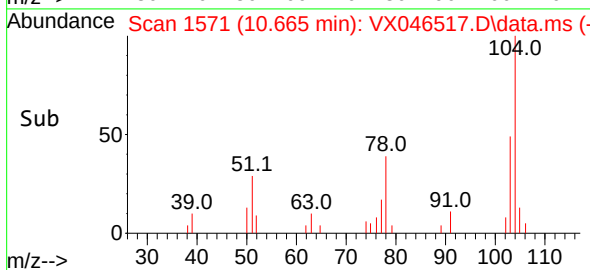
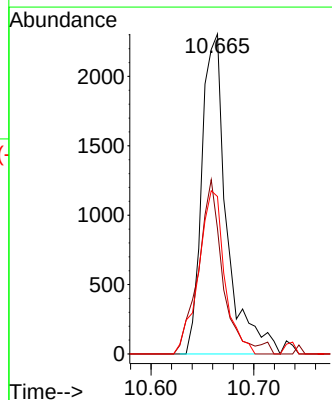
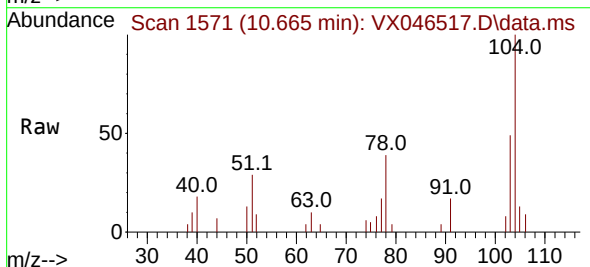
Manual Integrations
APPROVED

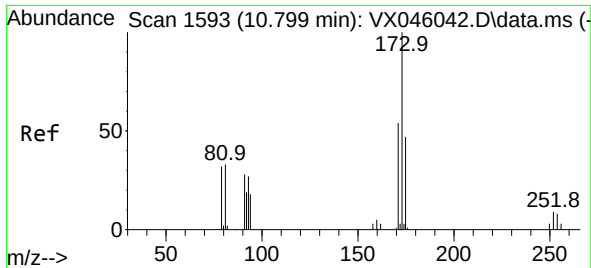
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 1.006 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

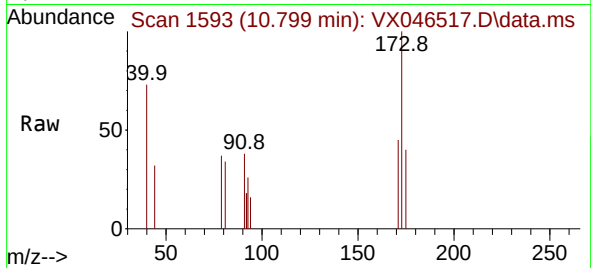
Tgt Ion:104 Resp: 3878
Ion Ratio Lower Upper
104 100
78 54.0 45.7 68.5
103 53.7 43.7 65.5





#71
Bromoform
Concen: 0.885 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

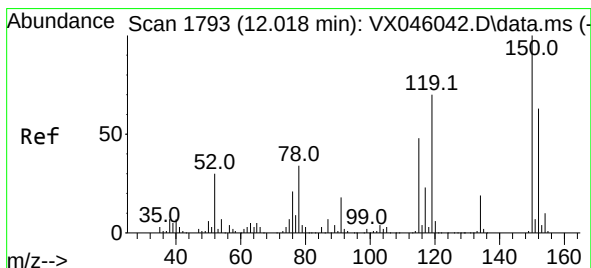
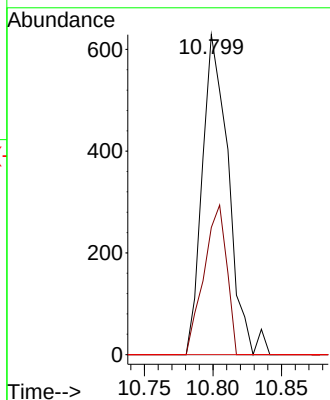
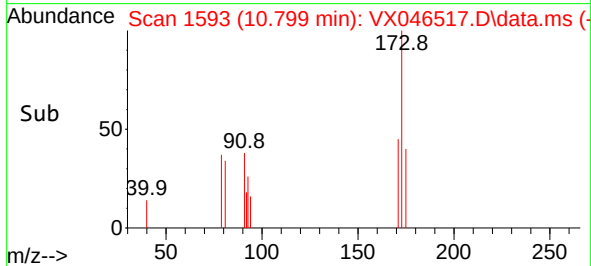
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:173 Resp: 838
Ion Ratio Lower Upper
173 100
175 40.6 23.4 70.0
254 0.0 0.0 0.0

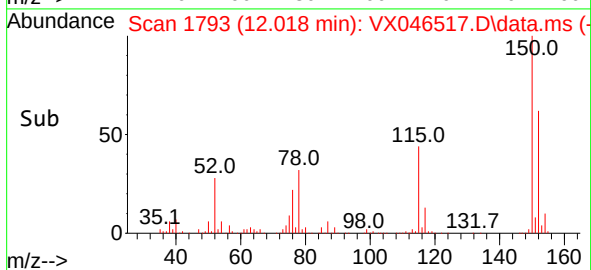
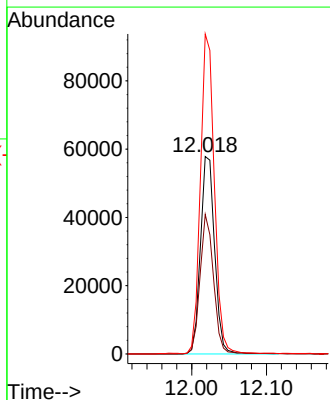
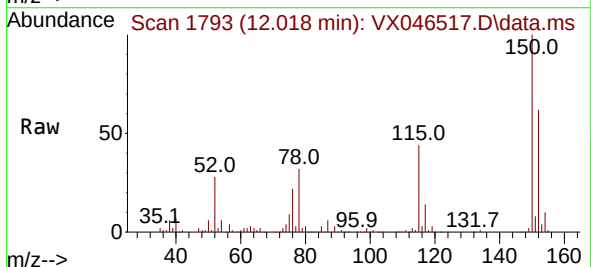
Manual Integrations
APPROVED

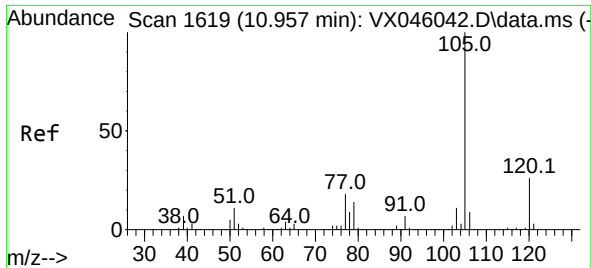
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Tgt Ion:152 Resp: 76299
Ion Ratio Lower Upper
152 100
115 67.5 46.9 140.7
150 158.9 0.0 351.0





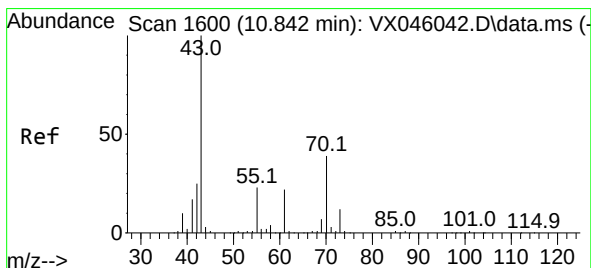
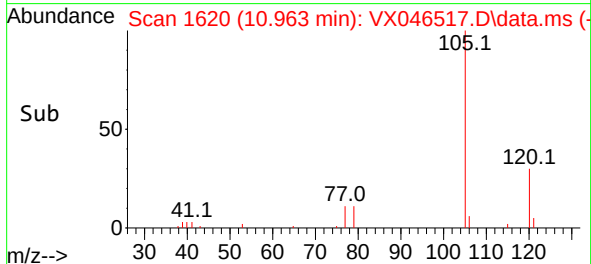
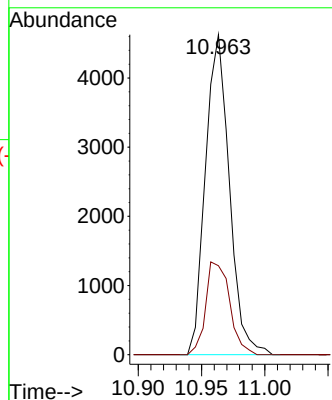
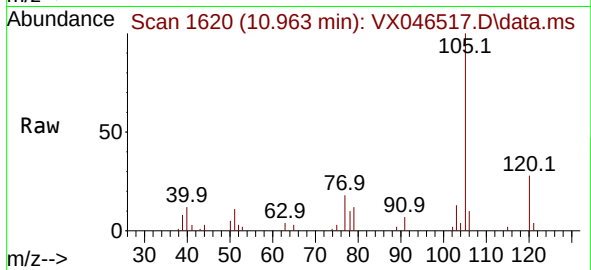
#73
Isopropylbenzene
Concen: 1.015 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 6090
Ion Ratio Lower Upper
105 100
120 29.0 12.8 38.4

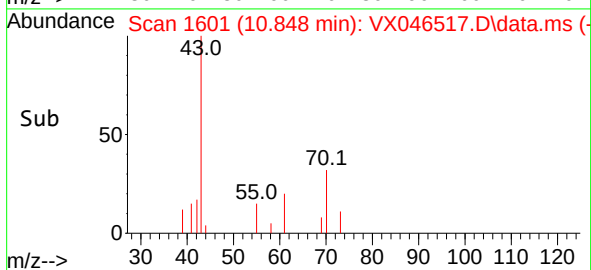
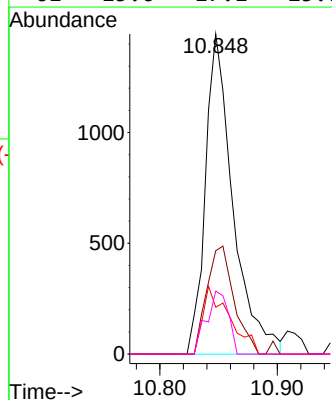
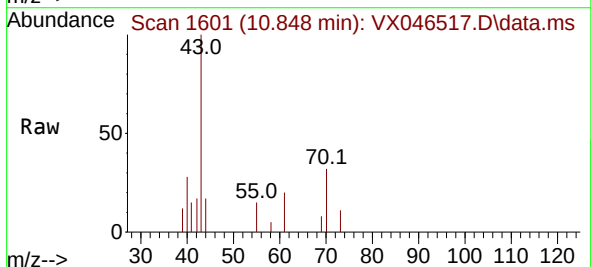
Manual Integrations
APPROVED

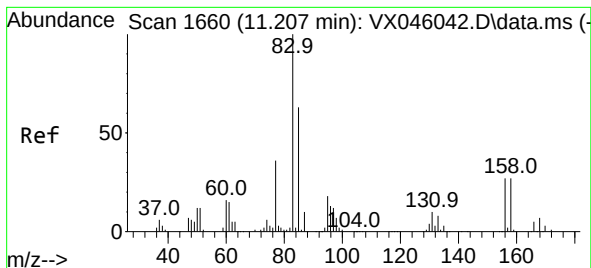
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 0.892 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

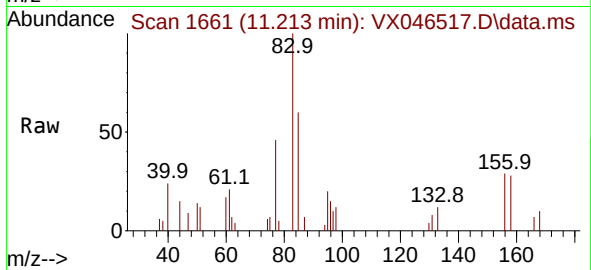
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
70 33.2 30.9 46.3
55 20.3 18.7 28.1
61 15.6 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 1.159 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

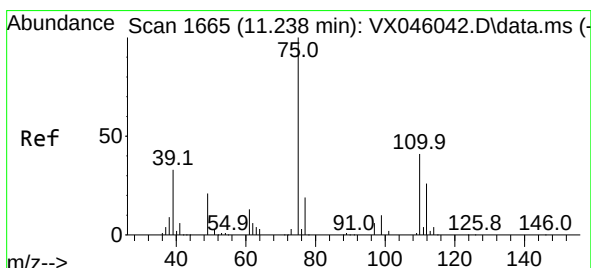
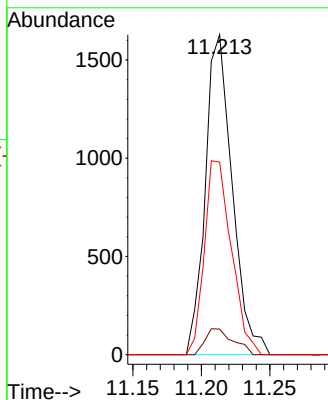
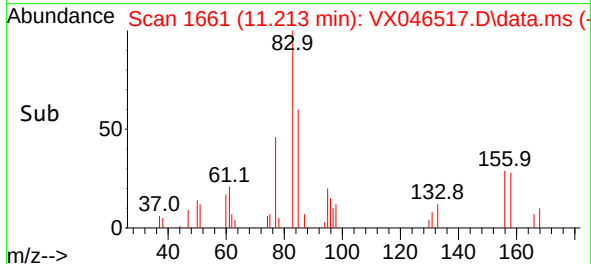
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



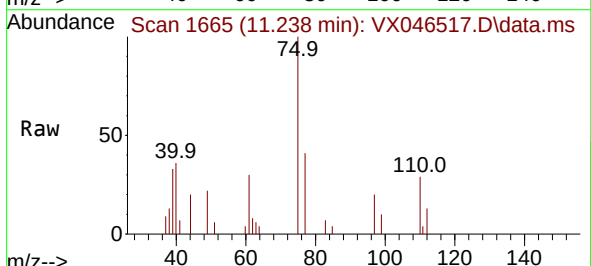
Tgt Ion: 83 Resp: 2220
Ion Ratio Lower Upper
83 100
131 8.4 5.0 14.9
85 60.8 31.9 95.7

Manual Integrations
APPROVED

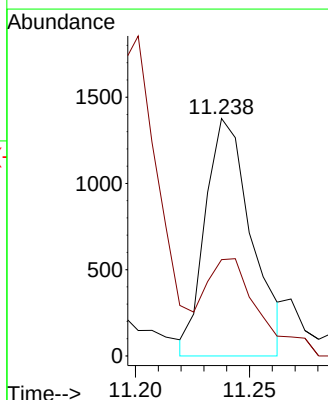
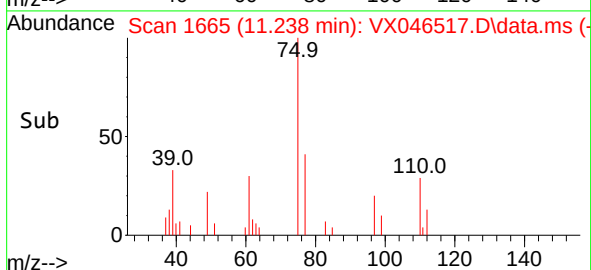
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

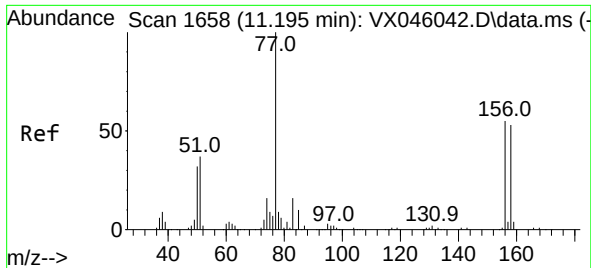


#76
1,2,3-Trichloropropane
Concen: 1.084 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



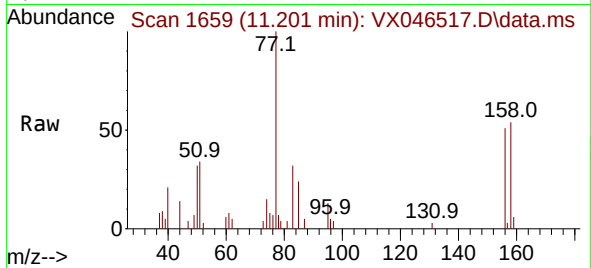
Tgt Ion: 75 Resp: 1946
Ion Ratio Lower Upper
75 100
77 46.0 20.5 61.5





#77
Bromobenzene
Concen: 1.051 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

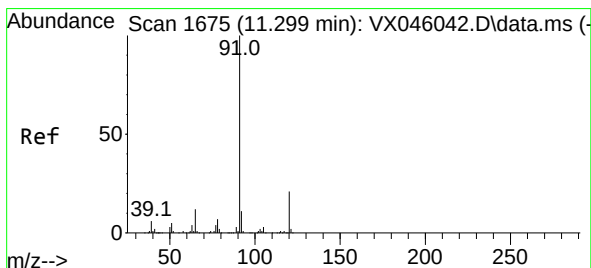
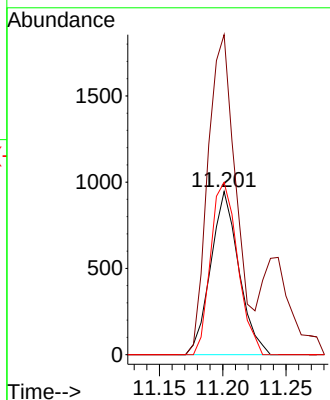
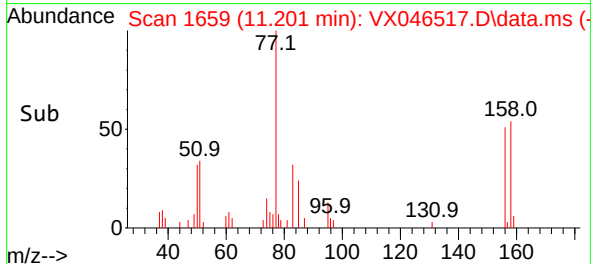
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



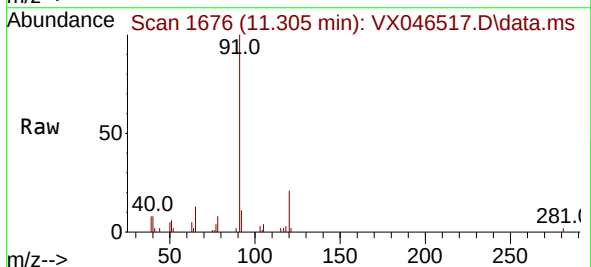
Tgt Ion:156 Resp: 1463
Ion Ratio Lower Upper
156 100
77 196.0 92.8 278.3
158 101.6 48.8 146.3

Manual Integrations
APPROVED

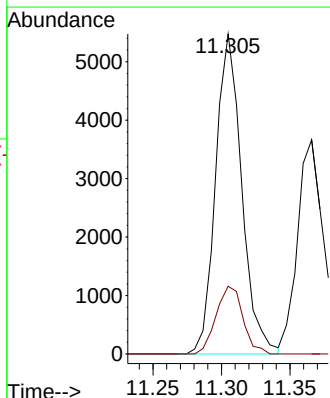
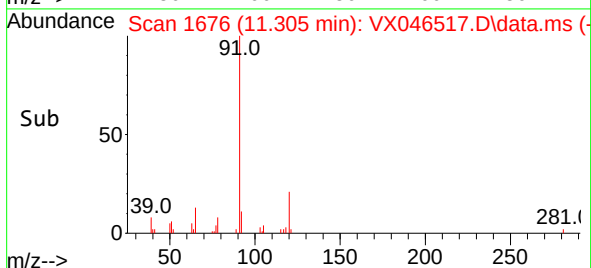
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

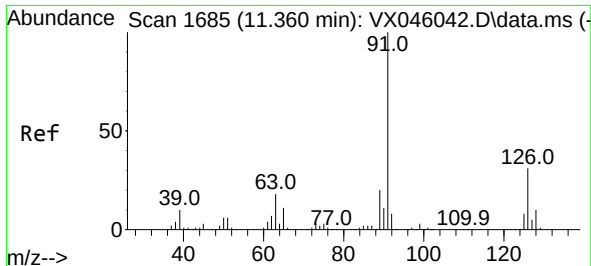


#78
n-propylbenzene
Concen: 0.998 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion: 91 Resp: 7248
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 1.154 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046517.D

Acq: 06 Jun 2025 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 91 Resp: 505

Ion Ratio Lower Upper

91 100

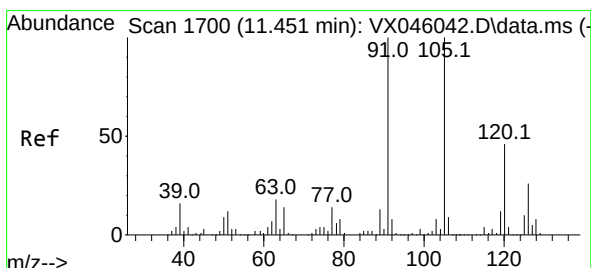
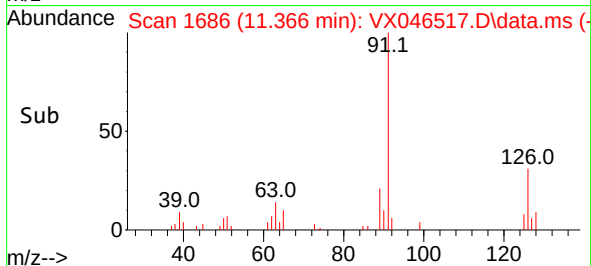
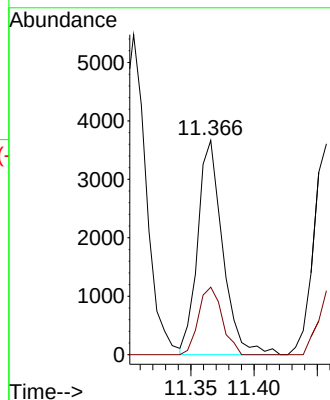
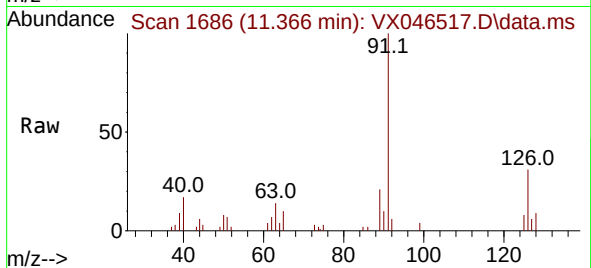
126 29.8 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#80

1,3,5-Trimethylbenzene

Concen: 0.976 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046517.D

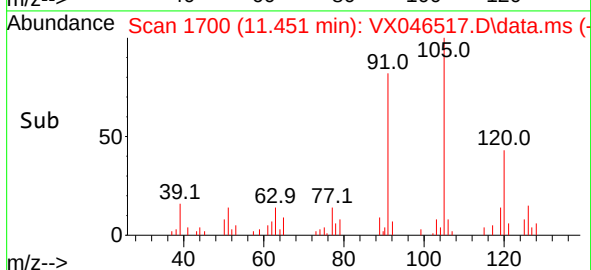
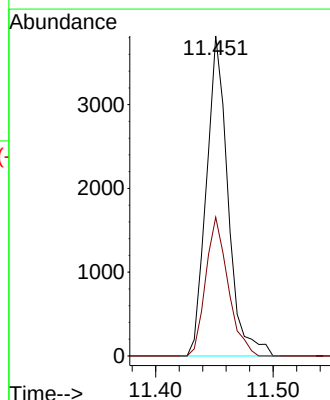
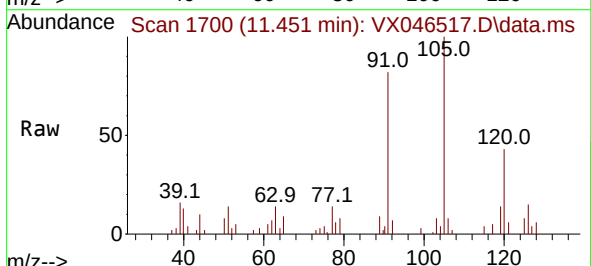
Acq: 06 Jun 2025 09:13

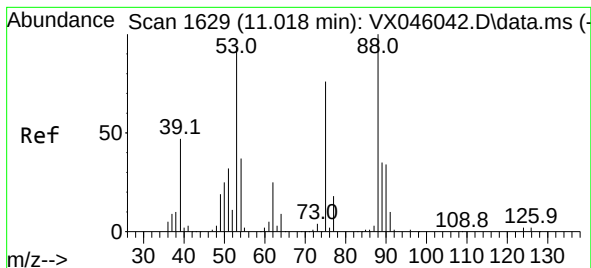
Tgt Ion:105 Resp: 4877

Ion Ratio Lower Upper

105 100

120 44.9 23.1 69.2





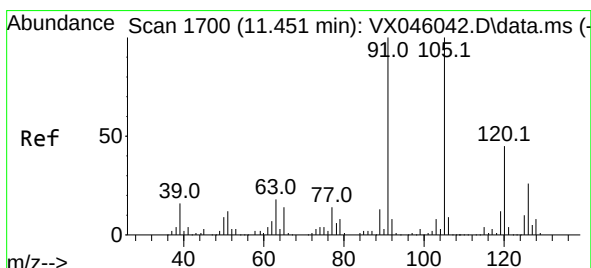
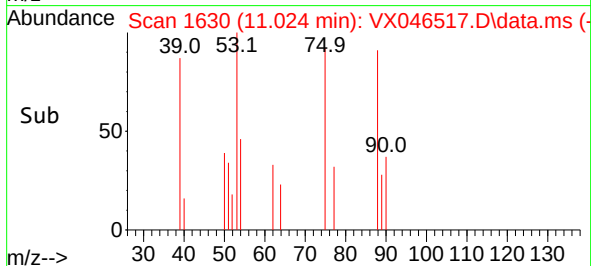
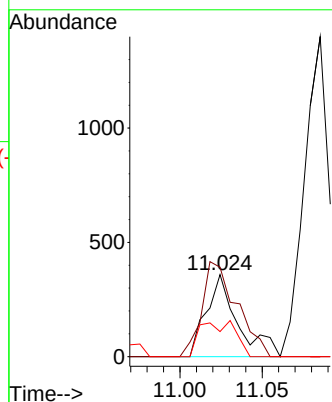
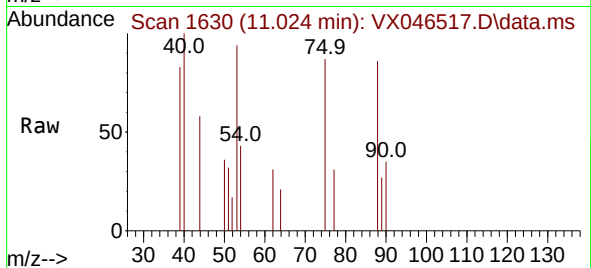
#81
trans-1,4-Dichloro-2-butene
Concen: 0.846 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 474
Ion Ratio Lower Upper
75 100
53 129.3 100.5 150.7
89 48.7 37.0 55.6

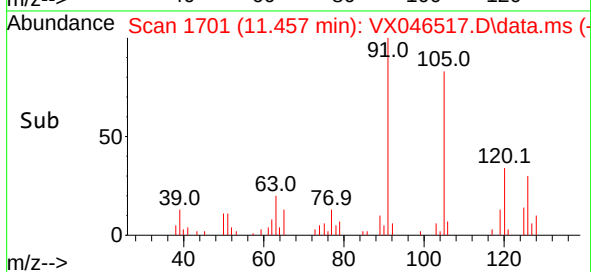
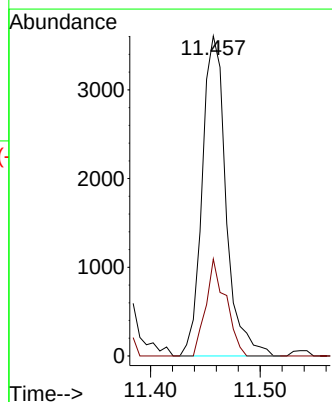
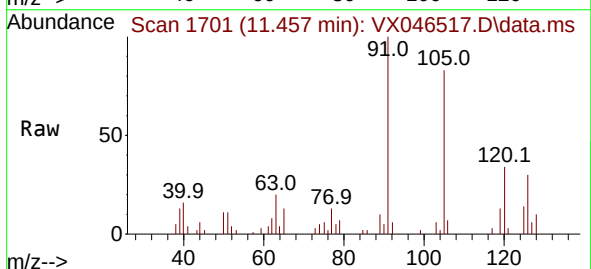
Manual Integrations
APPROVED

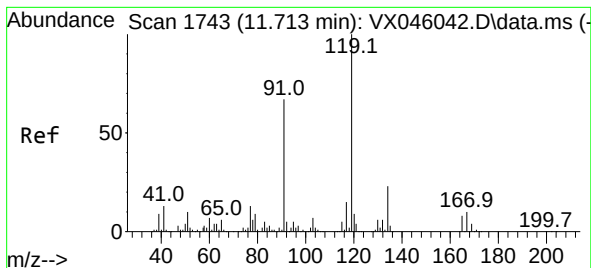
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#82
4-Chlorotoluene
Concen: 1.051 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

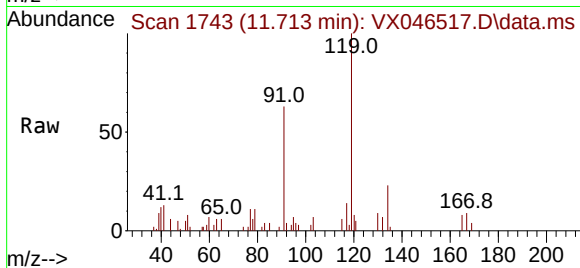
Tgt Ion: 91 Resp: 5454
Ion Ratio Lower Upper
91 100
126 25.4 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 1.036 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

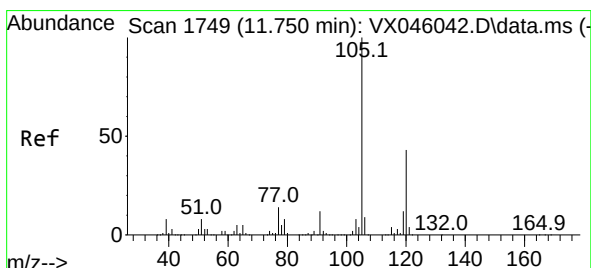
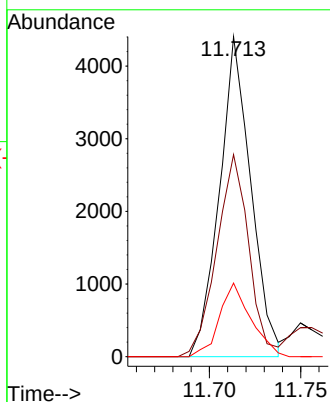
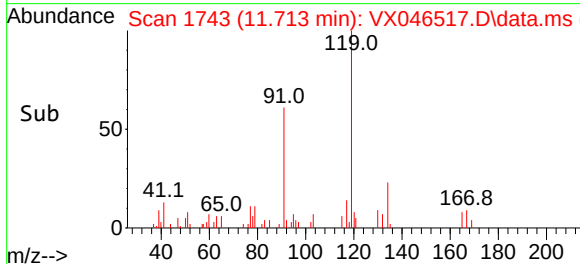
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



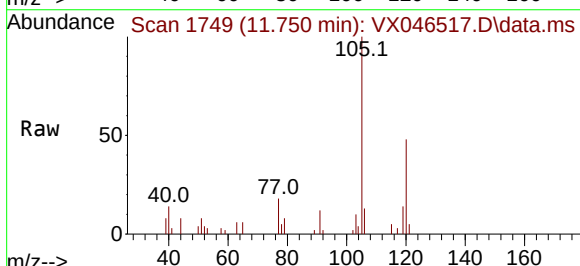
Tgt Ion:119 Resp: 5270
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.9 98.7
 134 23.1 11.4 34.1

Manual Integrations
 APPROVED

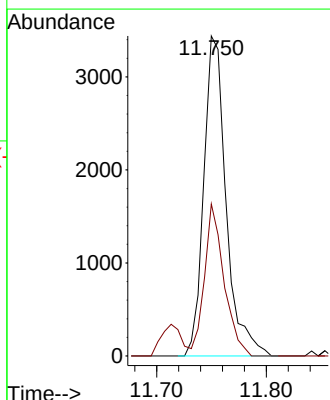
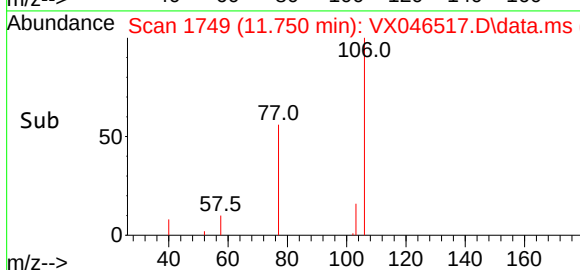
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

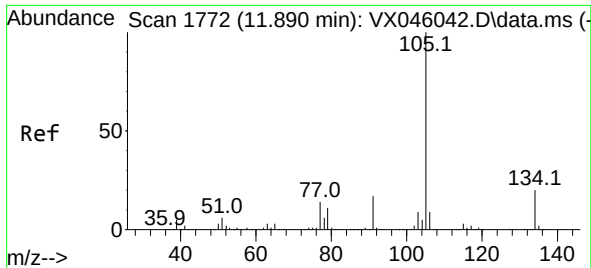


#84
 1,2,4-Trimethylbenzene
 Concen: 0.963 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13



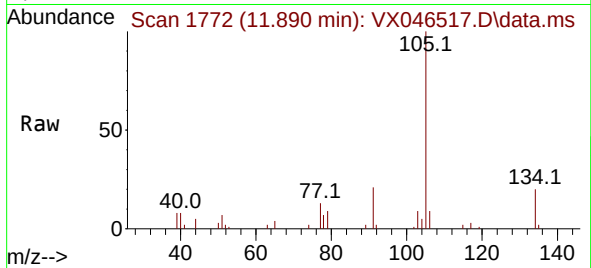
Tgt Ion:105 Resp: 4871
 Ion Ratio Lower Upper
 105 100
 120 41.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 1.007 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

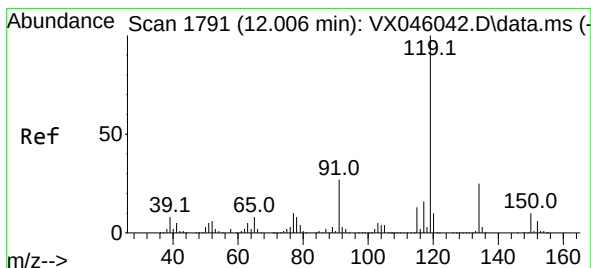
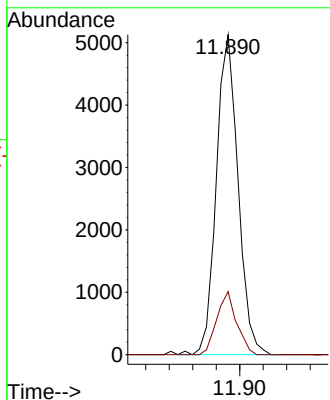
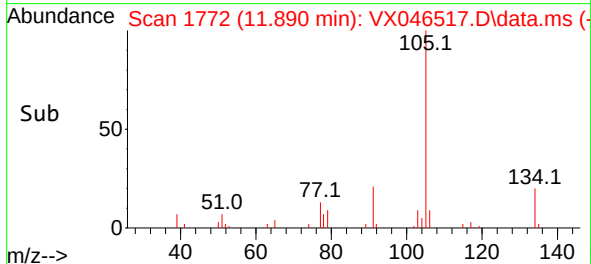
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001



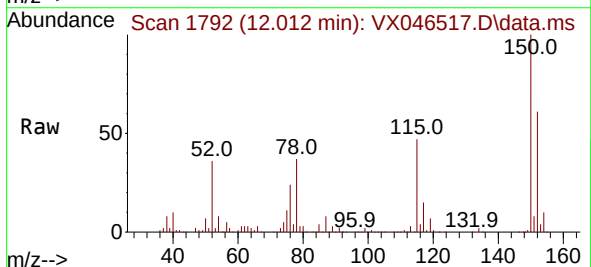
Tgt Ion:105 Resp: 658
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.7 29.1

Manual Integrations
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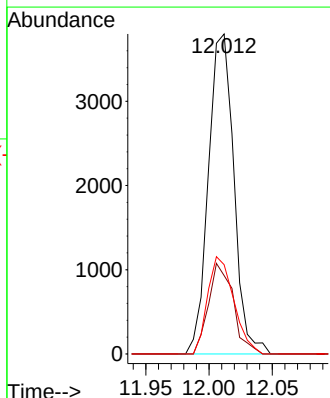
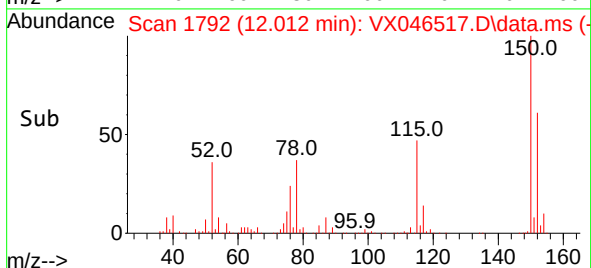
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

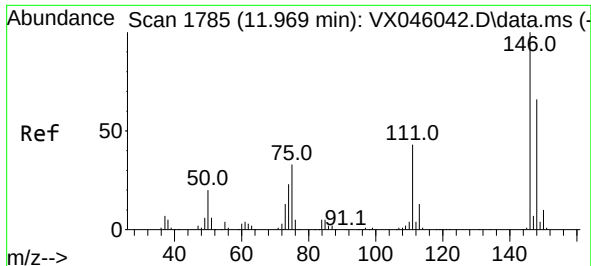


#86
 p-Isopropyltoluene
 Concen: 0.975 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13



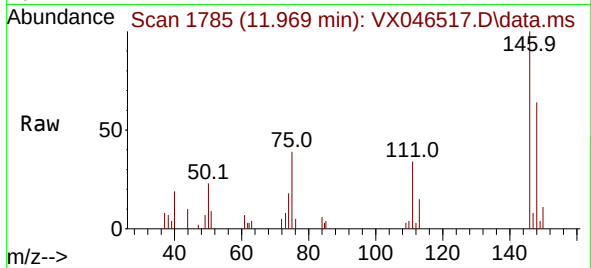
Tgt Ion:119 Resp: 5315
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.5 37.5
 91 31.3 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 1.114 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

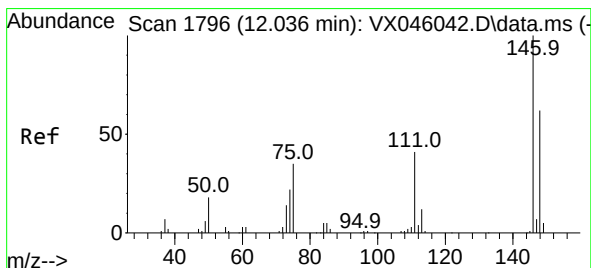
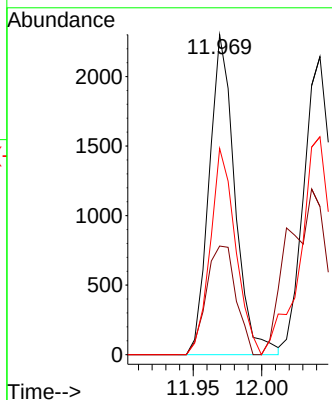
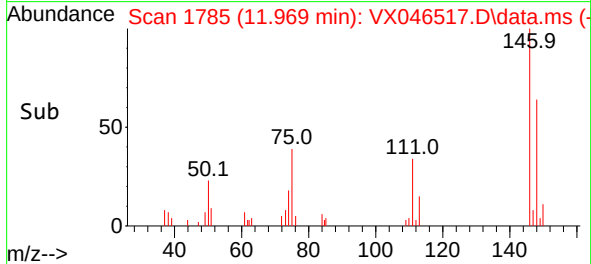
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



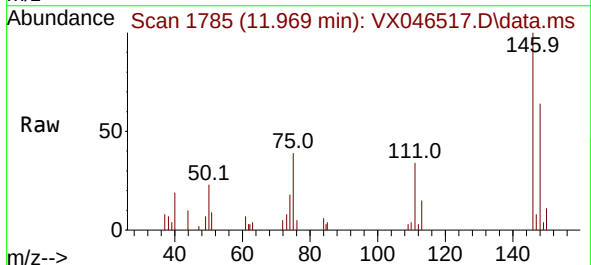
Tgt Ion:146 Resp: 3011
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.3
148 63.3 32.1 96.5

Manual Integrations
APPROVED

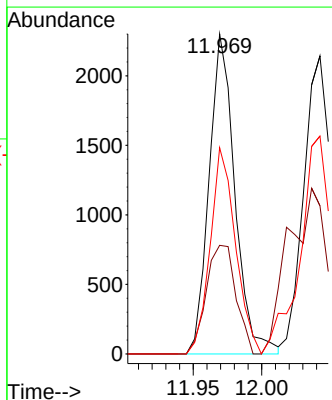
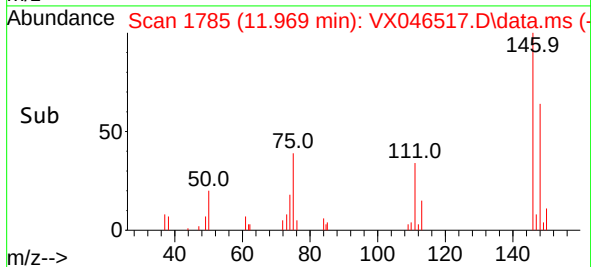
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

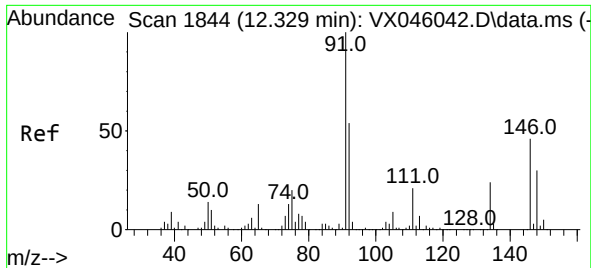


#88
1,4-Dichlorobenzene
Concen: 1.107 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



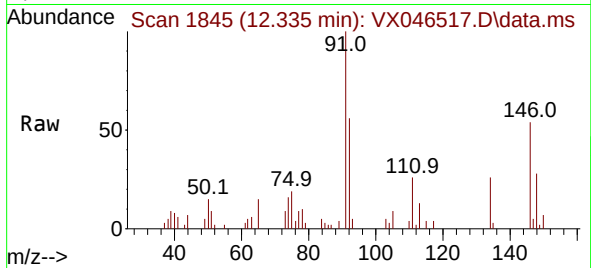
Tgt Ion:146 Resp: 3011
Ion Ratio Lower Upper
146 100
111 39.1 21.3 63.9
148 63.3 31.9 95.5





#89
n-Butylbenzene
Concen: 0.918 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

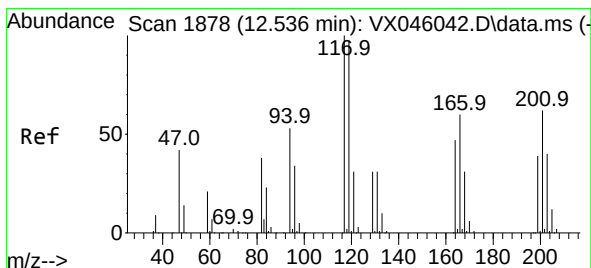
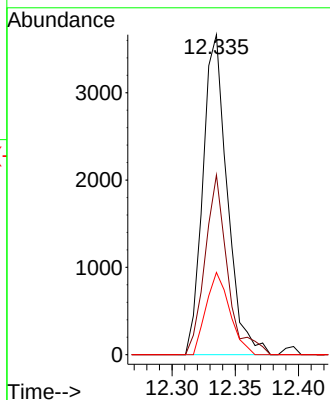
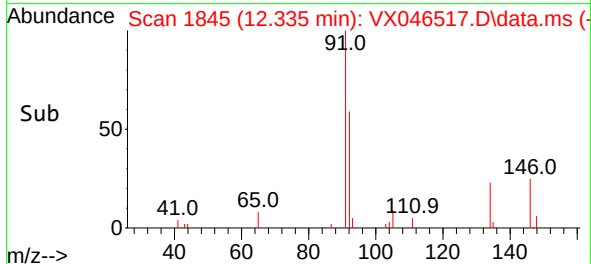
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



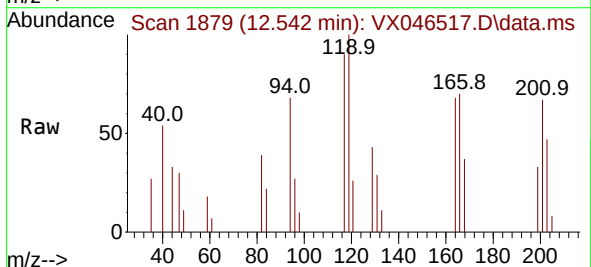
Tgt Ion: 91 Resp: 4914
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 24.9 11.8 35.3

Manual Integrations
APPROVED

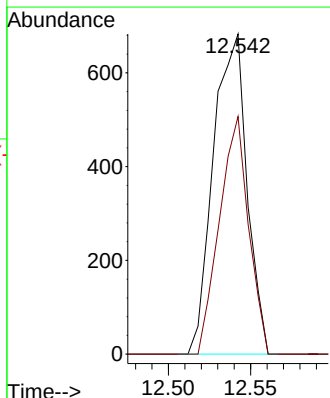
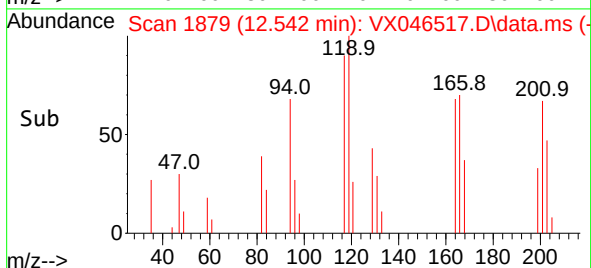
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

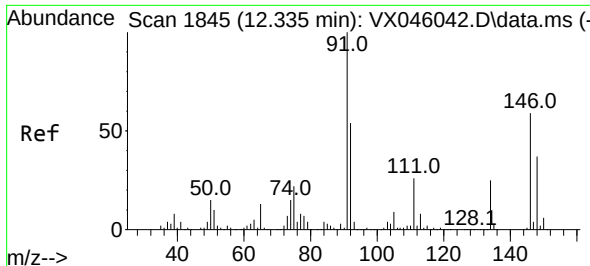


#90
Hexachloroethane
Concen: 1.001 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



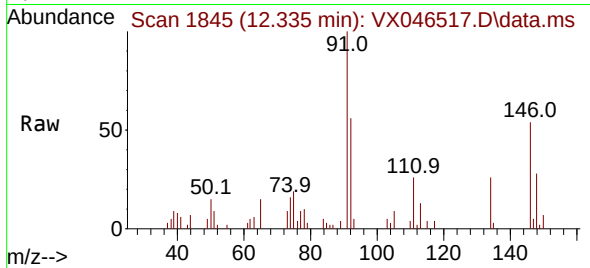
Tgt Ion:117 Resp: 970
Ion Ratio Lower Upper
117 100
201 64.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 1.092 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

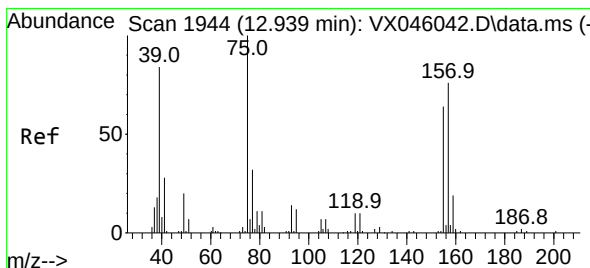
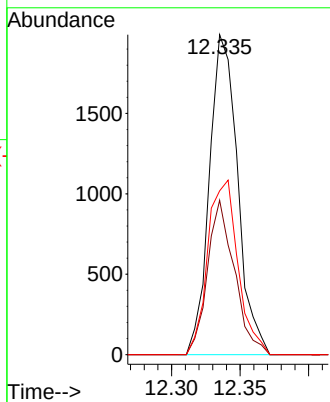
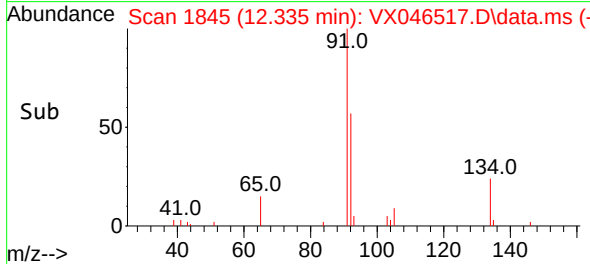
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



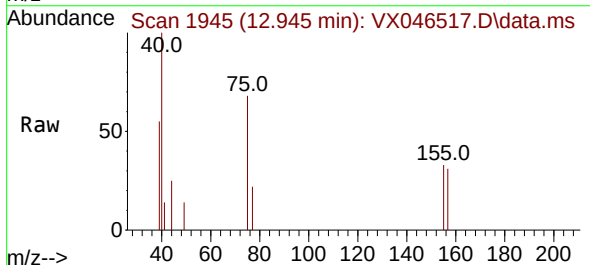
Tgt Ion:146 Resp: 2850
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.3
148 58.4 31.6 94.8

Manual Integrations
APPROVED

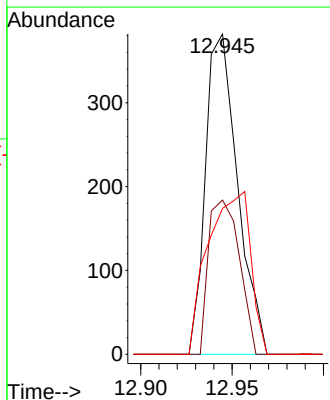
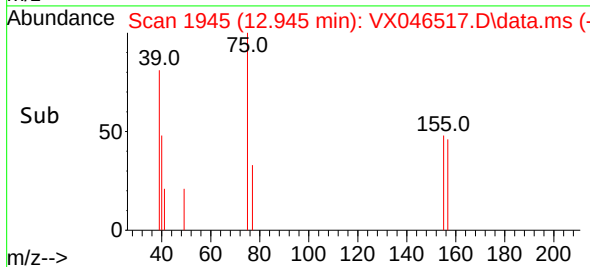
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

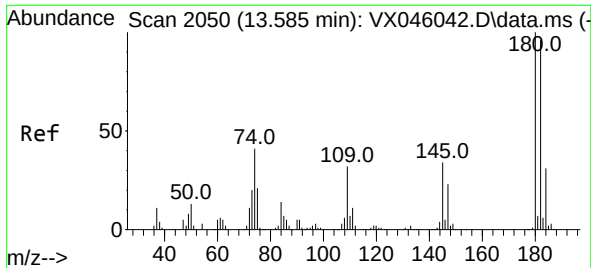


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.089 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



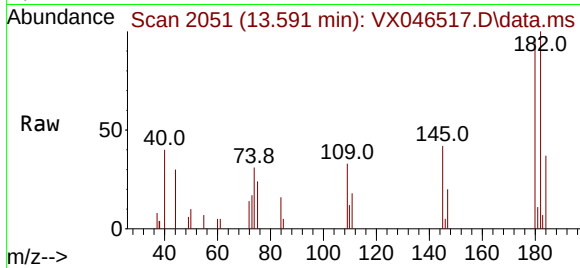
Tgt Ion: 75 Resp: 468
Ion Ratio Lower Upper
75 100
155 46.2 34.9 104.8
157 66.9 43.8 131.4





#93
 1,2,4-Trichlorobenzene
 Concen: 0.892 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13

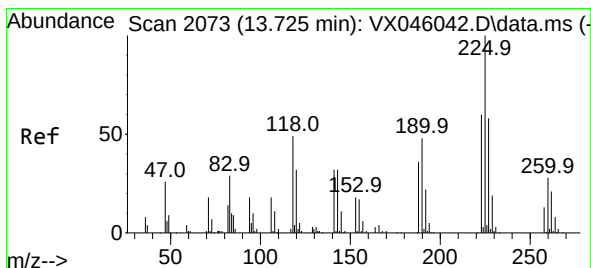
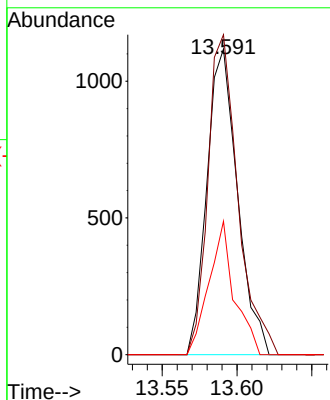
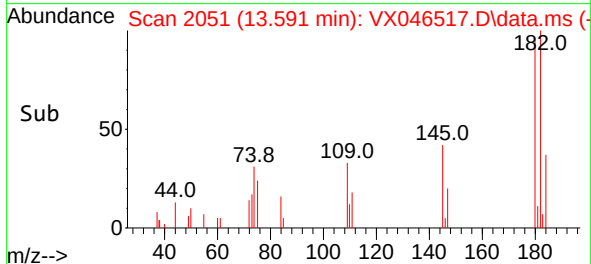
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



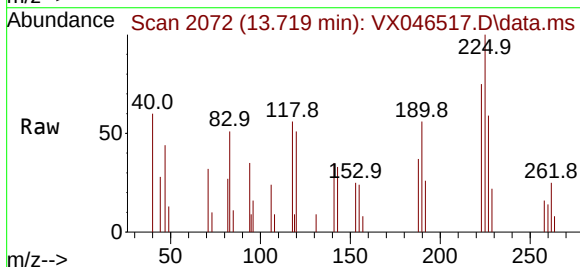
Tgt Ion:180 Resp: 1588
 Ion Ratio Lower Upper
 180 100
 182 102.6 47.9 143.8
 145 36.2 17.1 51.2

Manual Integrations
 APPROVED

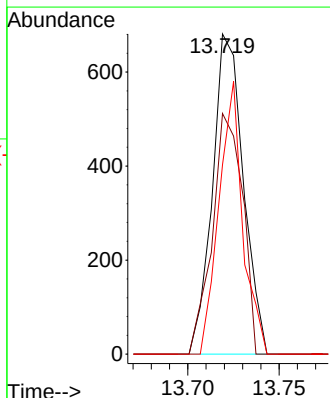
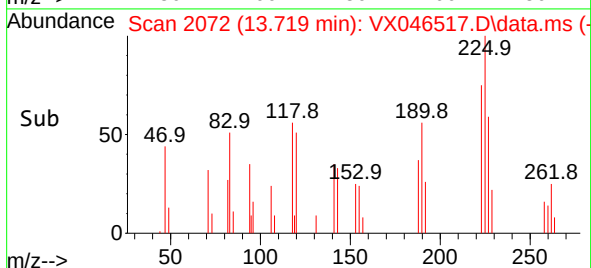
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

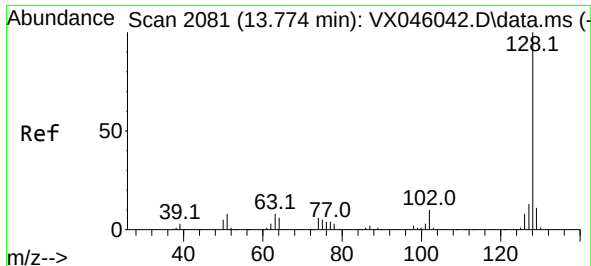


#94
 Hexachlorobutadiene
 Concen: 0.966 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX046517.D
 Acq: 06 Jun 2025 09:13



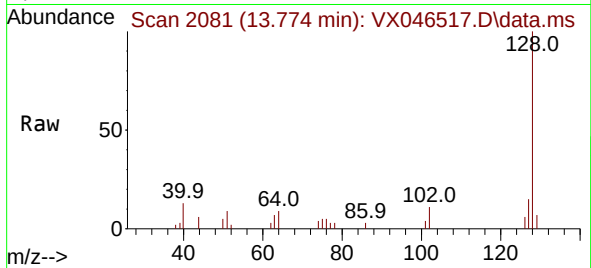
Tgt Ion:225 Resp: 799
 Ion Ratio Lower Upper
 225 100
 223 73.8 30.8 92.4
 227 65.6 30.9 92.7





#95
Naphthalene
Concen: 0.871 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13

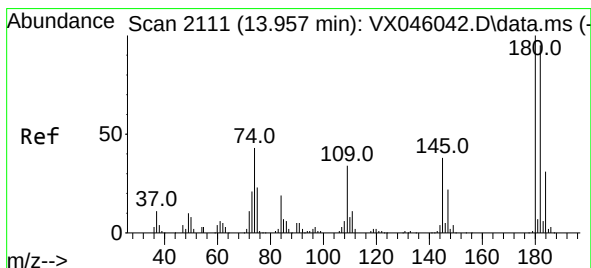
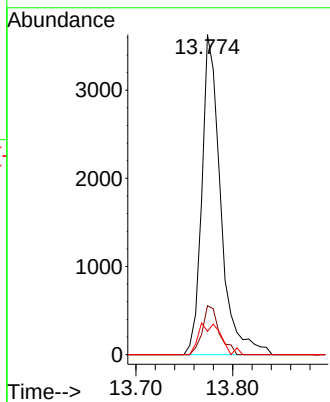
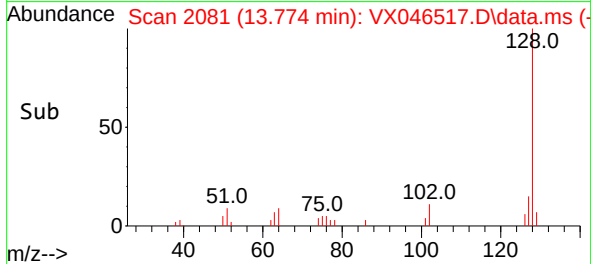
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



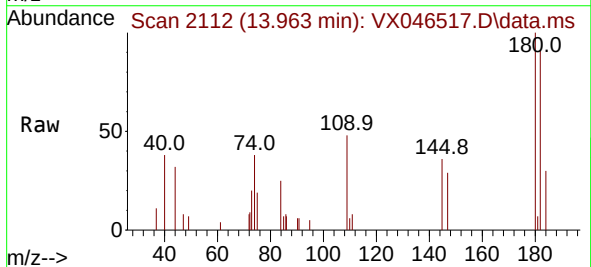
Tgt Ion:128 Resp: 4914
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.969 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046517.D
Acq: 06 Jun 2025 09:13



Tgt Ion:180 Resp: 1730
Ion Ratio Lower Upper
180 100
182 88.9 47.8 143.3
145 34.4 18.1 54.3

