

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019196.D
 Acq On : 29 Oct 2025 10:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 08:30:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:20:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.548	168	164508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	275332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	216642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	106206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.935	65	125316	47.359	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.720%	
35) Dibromofluoromethane	7.465	113	84475	48.510	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.020%	
50) Toluene-d8	10.227	98	342007	48.363	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.720%	
62) 4-Bromofluorobenzene	12.859	95	104513	47.012	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	46479	47.976	ug/l	98
3) Chloromethane	2.107	50	68850m	45.542	ug/l	
4) Vinyl Chloride	2.189	62	95391	49.945	ug/l	100
5) Bromomethane	2.518	94	51861	49.417	ug/l	95
6) Chloroethane	2.659	64	83356	48.102	ug/l	99
7) Trichlorofluoromethane	2.965	101	173848	49.164	ug/l	100
8) Diethyl Ether	3.335	74	83995	49.526	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.652	101	81502	47.506	ug/l	92
10) Methyl Iodide	3.840	142	73246	52.733	ug/l	98
11) Tert butyl alcohol	4.639	59	134473	239.084	ug/l	100
12) 1,1-Dichloroethene	3.635	96	75174	47.424	ug/l	98
13) Acrolein	3.517	56	22293	232.342	ug/l	94
14) Allyl chloride	4.187	41	147938	47.321	ug/l	90
15) Acrylonitrile	4.816	53	323593	235.908	ug/l	99
16) Acetone	3.717	43	382496	242.446	ug/l	100
17) Carbon Disulfide	3.934	76	101648	47.178	ug/l	99
18) Methyl Acetate	4.193	43	231036	49.618	ug/l	95
19) Methyl tert-butyl Ether	4.868	73	347996	48.602	ug/l	97
20) Methylene Chloride	4.398	84	81282	45.946	ug/l	98
21) trans-1,2-Dichloroethene	4.862	96	65668	48.645	ug/l	96
22) Diisopropyl ether	5.773	45	359188	48.396	ug/l	97
23) Vinyl Acetate	5.709	43	1281575	241.699	ug/l	99
24) 1,1-Dichloroethane	5.662	63	166829	48.050	ug/l	100
25) 2-Butanone	6.666	43	459789	227.176	ug/l	95
26) 2,2-Dichloropropane	6.655	77	146235	48.811	ug/l	100
27) cis-1,2-Dichloroethene	6.655	96	93283	49.241	ug/l	98
28) Bromochloromethane	7.042	49	92767	49.994	ug/l #	98
29) Tetrahydrofuran	7.066	42	282372	239.789	ug/l	92
30) Chloroform	7.230	83	158824	48.860	ug/l	99
31) Cyclohexane	7.536	56	116157	44.991	ug/l	96
32) 1,1,1-Trichloroethane	7.442	97	125549	48.521	ug/l	97
36) 1,1-Dichloropropene	7.683	75	96046	49.035	ug/l	99
37) Ethyl Acetate	6.766	43	159354	47.790	ug/l #	96
38) Carbon Tetrachloride	7.659	117	88783	49.850	ug/l	99
39) Methylcyclohexane	9.093	83	106875	49.381	ug/l	93
40) Benzene	7.947	78	323562	48.799	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	72561	43.234	ug/l #	87
42) 1,2-Dichloroethane	8.041	62	115412	49.533	ug/l	98
43) Isopropyl Acetate	8.088	43	255576	48.202	ug/l	97
44) Trichloroethene	8.817	130	63987	49.369	ug/l	100
45) 1,2-Dichloropropane	9.134	63	82387	48.834	ug/l	97
46) Dibromomethane	9.234	93	50570	49.805	ug/l	94
47) Bromodichloromethane	9.451	83	113769	49.700	ug/l	99
48) Methyl methacrylate	9.228	41	116730	49.014	ug/l	90
49) 1,4-Dioxane	9.228	88	40309	901.136	ug/l	96
51) 4-Methyl-2-Pentanone	10.109	43	773213	242.136	ug/l	96
52) Toluene	10.297	92	184972	48.821	ug/l	96
53) t-1,3-Dichloropropene	10.556	75	123134	49.699	ug/l	98
54) cis-1,3-Dichloropropene	9.939	75	128646	50.142	ug/l	93
55) 1,1,2-Trichloroethane	10.762	97	73755	49.357	ug/l	99
56) Ethyl methacrylate	10.609	69	140096	48.785	ug/l	95
57) 1,3-Dichloropropane	10.926	76	130063	49.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.780	63	183231	237.088	ug/l	98
59) 2-Hexanone	10.979	43	567767	234.701	ug/l	95
60) Dibromochloromethane	11.149	129	75249	49.946	ug/l	99
61) 1,2-Dibromoethane	11.267	107	67491	48.504	ug/l	97
64) Tetrachloroethene	10.838	164	49410	50.177	ug/l	96
65) Chlorobenzene	11.755	112	191812	49.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.837	131	66127	49.672	ug/l	98
67) Ethyl Benzene	11.843	91	356047	48.975	ug/l	99
68) m/p-Xylenes	11.966	106	263814	98.242	ug/l	99
69) o-Xylene	12.342	106	130867	49.028	ug/l	98
70) Styrene	12.360	104	238437	49.607	ug/l	98
71) Bromoform	12.548	173	53093	52.156	ug/l #	99
73) Isopropylbenzene	12.683	105	356402	48.746	ug/l	98
74) N-amyl acetate	12.471	43	181208	49.134	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	120092	47.936	ug/l	98
76) 1,2,3-Trichloropropane	13.030	75	111234m	50.513	ug/l	
77) Bromobenzene	13.000	156	75062	48.386	ug/l	92
78) n-propylbenzene	13.071	91	426301	49.079	ug/l	98
79) 2-Chlorotoluene	13.171	91	242060	48.641	ug/l	97
80) 1,3,5-Trimethylbenzene	13.229	105	285954	48.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	48053	51.589	ug/l	92
82) 4-Chlorotoluene	13.282	91	247769	48.926	ug/l	99
83) tert-Butylbenzene	13.529	119	264943	48.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.582	105	290166	48.651	ug/l	97
85) sec-Butylbenzene	13.729	105	392935	49.284	ug/l	96
86) p-Isopropyltoluene	13.864	119	322656	48.471	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	153296	48.163	ug/l	98
88) 1,4-Dichlorobenzene	13.952	146	153995	48.031	ug/l	99
89) n-Butylbenzene	14.234	91	311844	50.717	ug/l	96
90) Hexachloroethane	14.540	117	51378	50.028	ug/l	92
91) 1,2-Dichlorobenzene	14.287	146	151409	48.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.986	75	26472	48.997	ug/l	92
93) 1,2,4-Trichlorobenzene	15.773	180	99273	49.503	ug/l	99
94) Hexachlorobutadiene	15.897	225	39912	48.254	ug/l	98
95) Naphthalene	16.061	128	341263	48.600	ug/l	99
96) 1,2,3-Trichlorobenzene	16.296	180	96982	49.017	ug/l	98

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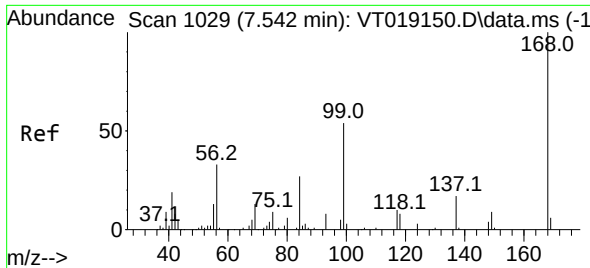
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/30/2025

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Quant Title : SW846 8260
QLast Update : Thu Oct 30 08:20:05 2025
Response via : Initial Calibration

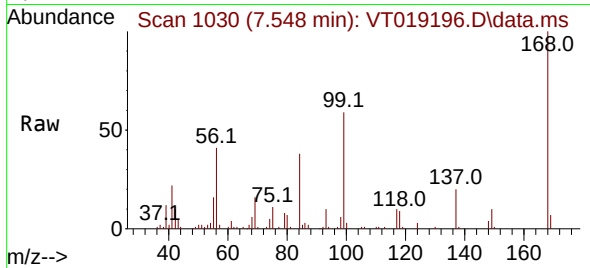
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.548 min Scan# 1029
Delta R.T. -0.000 min
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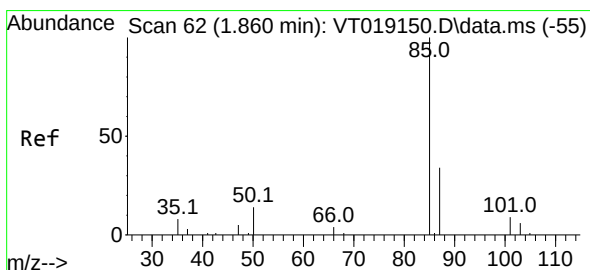
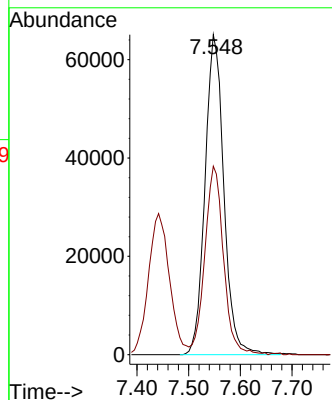
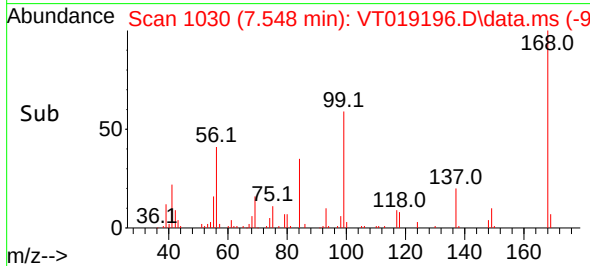
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 164508
Ion Ratio Lower Upper
168 100
99 58.3 46.6 70.0

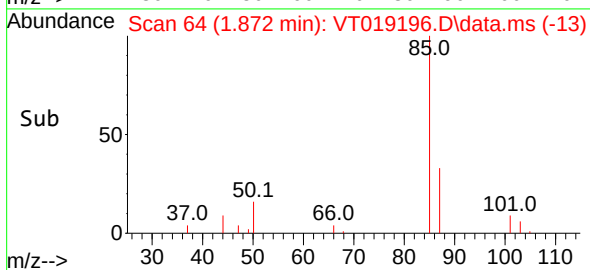
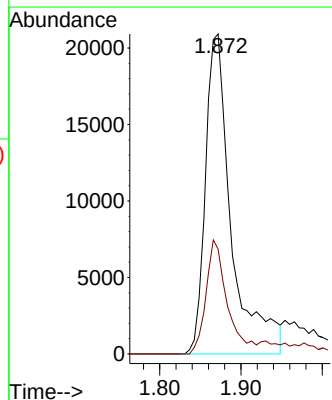
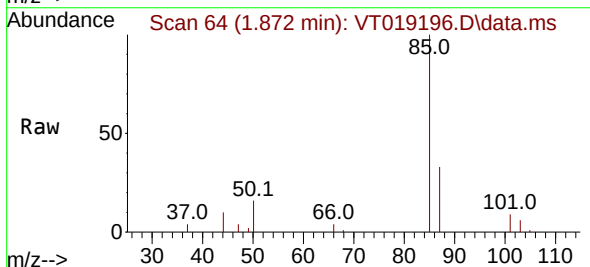
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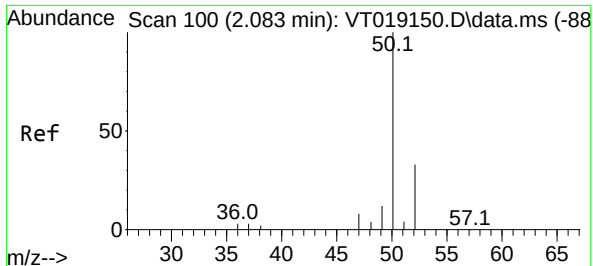
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#2
Dichlorodifluoromethane
Concen: 47.976 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 85 Resp: 46479
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4





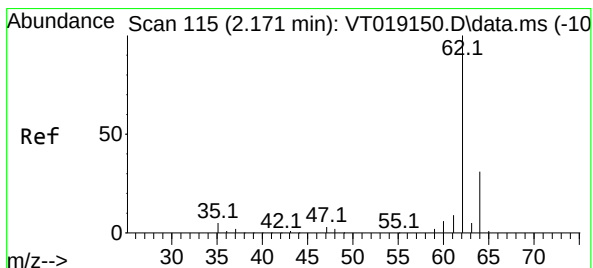
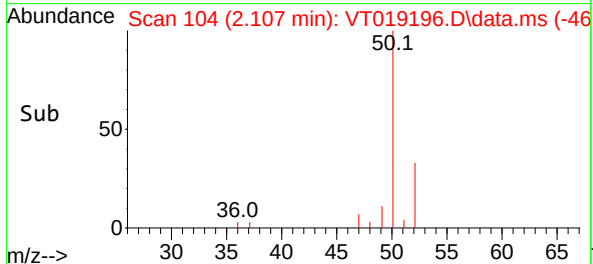
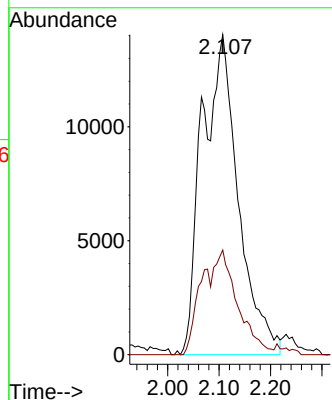
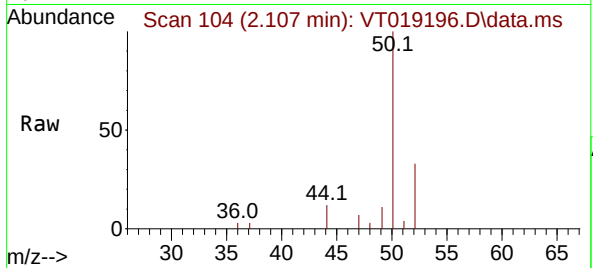
#3
Chloromethane
Concen: 45.542 ug/l m
RT: 2.107 min Scan# 104
Delta R.T. 0.041 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

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Tgt Ion: 50 Resp: 68850
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

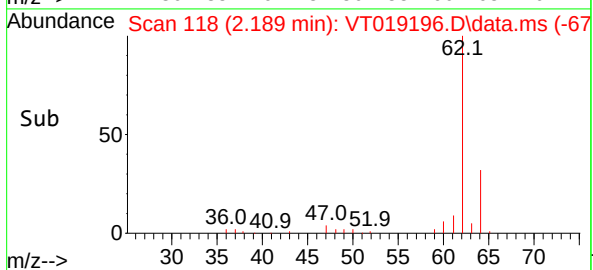
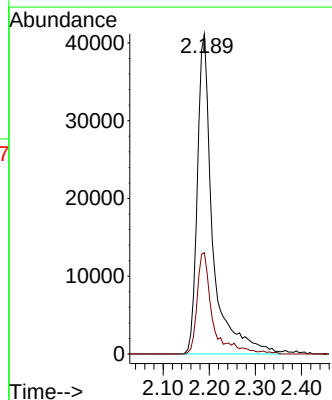
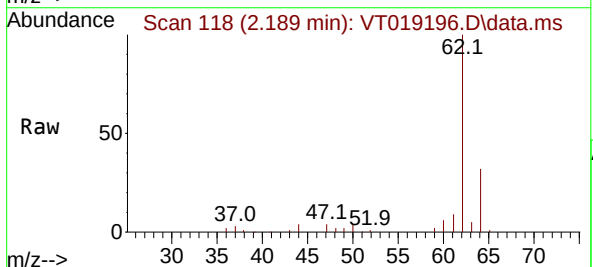
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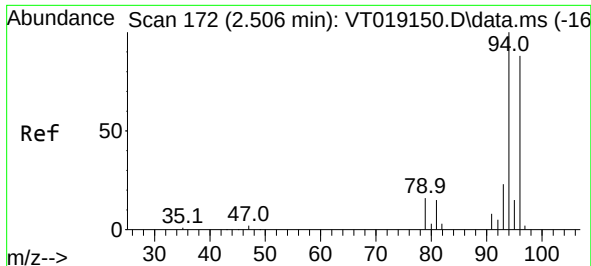
Reviewed By :Amit Patel 10/30/2025
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#4
Vinyl Chloride
Concen: 49.945 ug/l
RT: 2.189 min Scan# 118
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

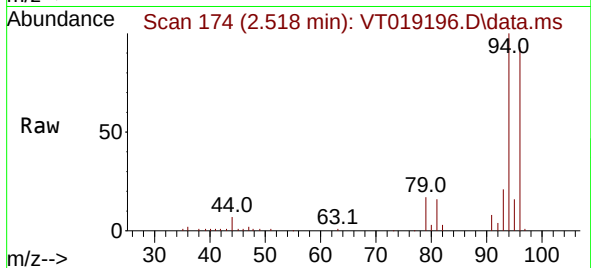
Tgt Ion: 62 Resp: 95391
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5
Bromomethane
Concen: 49.417 ug/l
RT: 2.518 min Scan# 172
Delta R.T. 0.000 min
Lab File: VT019196.D
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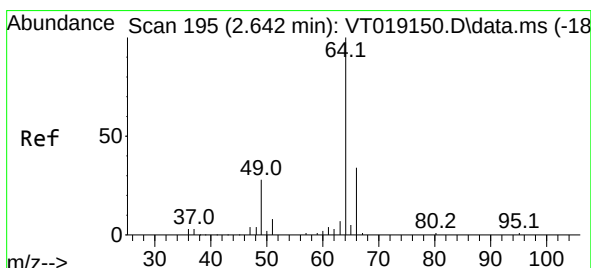
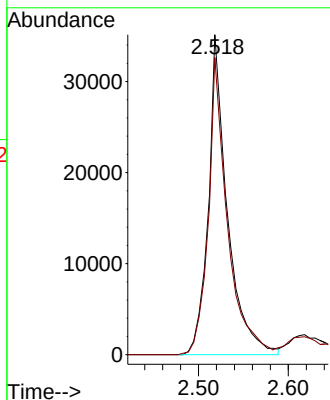
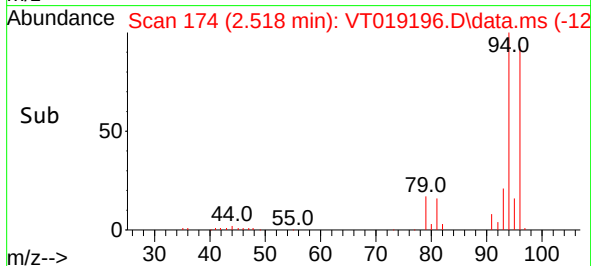
Instrument :
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Tgt Ion: 94 Resp: 5186
Ion Ratio Lower Upper
94 100
96 92.9 70.8 106.2

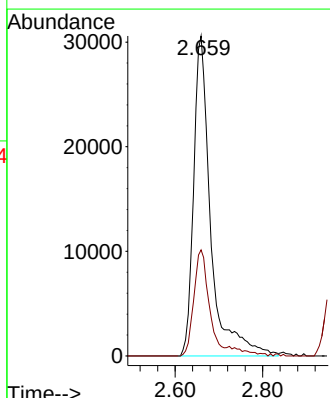
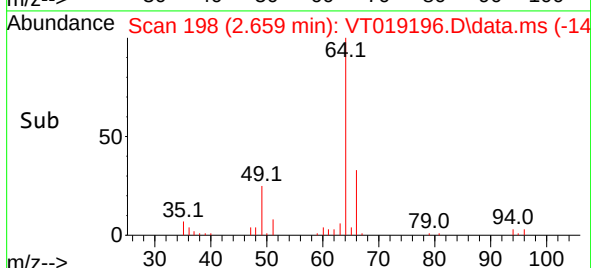
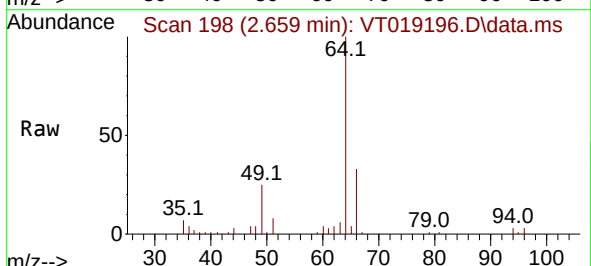
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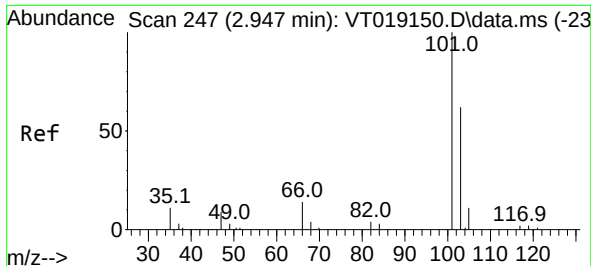
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#6
Chloroethane
Concen: 48.102 ug/l
RT: 2.659 min Scan# 198
Delta R.T. 0.000 min
Lab File: VT019196.D
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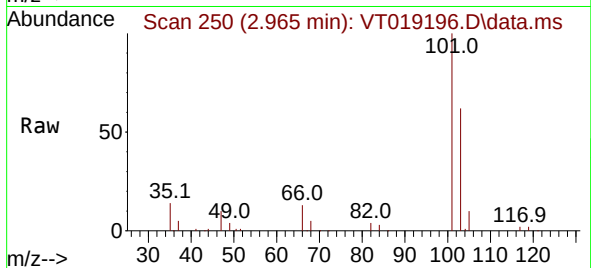
Tgt Ion: 64 Resp: 83356
Ion Ratio Lower Upper
64 100
66 33.2 26.9 40.3





#7
 Trichlorofluoromethane
 Concen: 49.164 ug/l
 RT: 2.965 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VT019196.D
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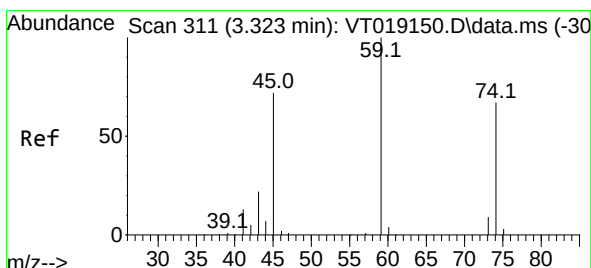
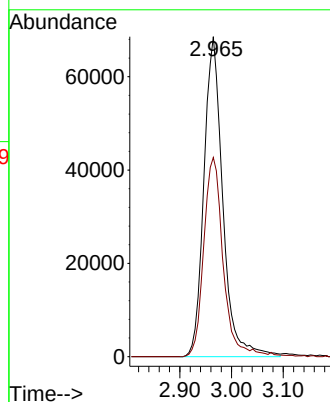
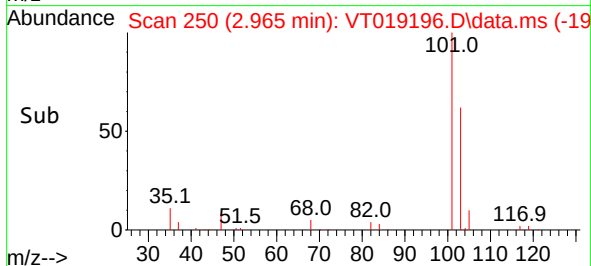
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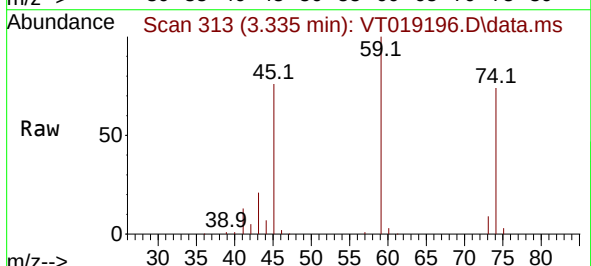
Tgt Ion:101 Resp: 17384
 Ion Ratio Lower Upper
 101 100
 103 62.3 49.9 74.9

Manual Integrations
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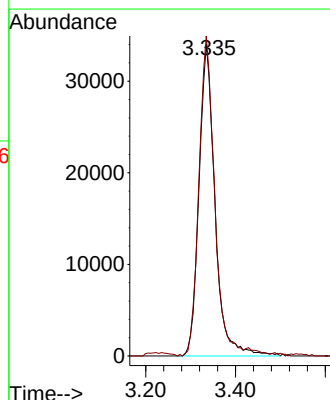
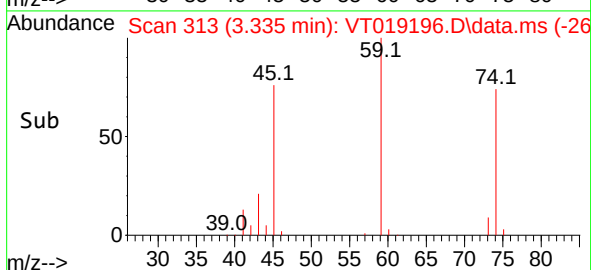
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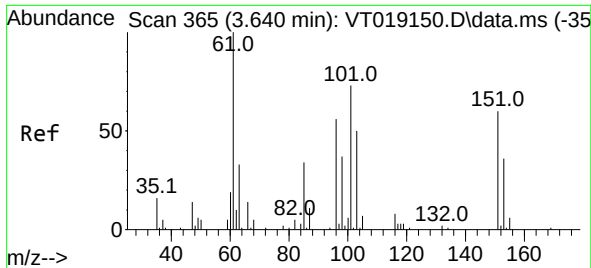


#8
 Diethyl Ether
 Concen: 49.526 ug/l
 RT: 3.335 min Scan# 313
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 83995
 Ion Ratio Lower Upper
 74 100
 45 100.3 52.3 156.8





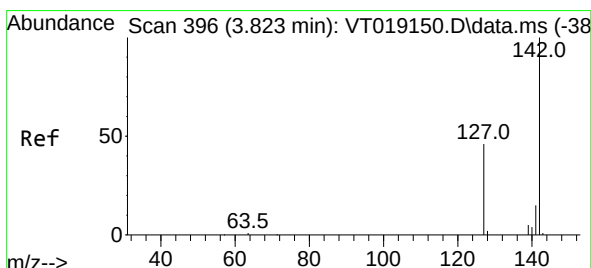
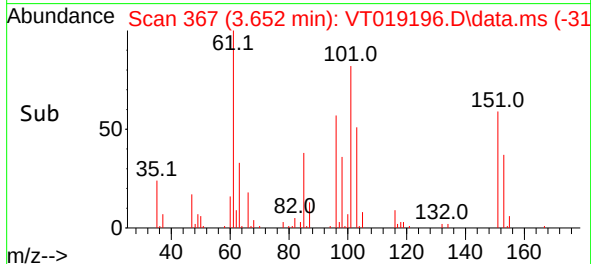
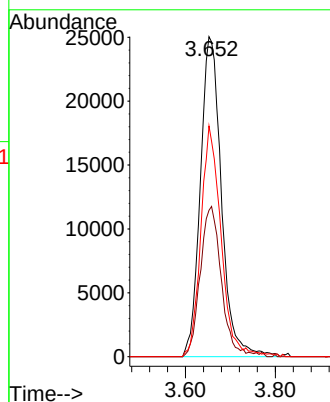
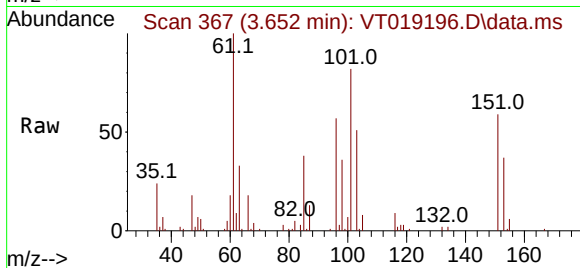
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.506 ug/l
RT: 3.652 min Scan# 30
Delta R.T. 0.000 min
Lab File: VT019196.D
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MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 8150
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 69.3 63.8 95.6

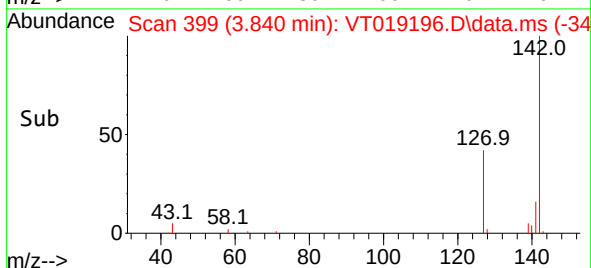
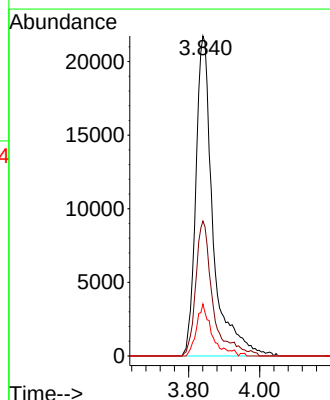
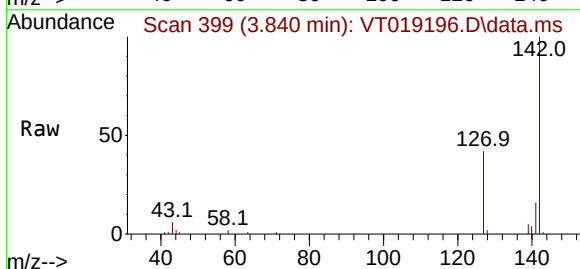
Manual Integrations
APPROVED

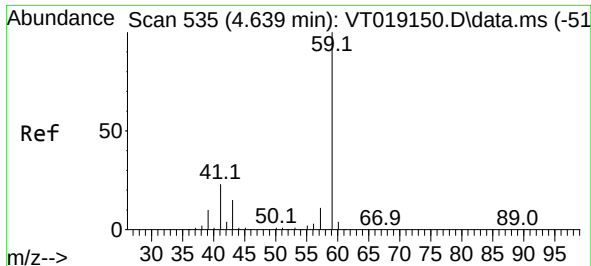
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 52.733 ug/l
RT: 3.840 min Scan# 399
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

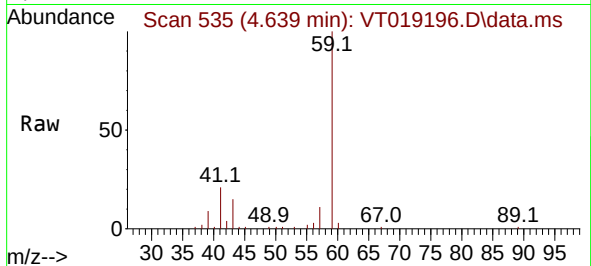
Tgt Ion:142 Resp: 73246
Ion Ratio Lower Upper
142 100
127 41.9 35.0 52.4
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 239.084 ug/l
RT: 4.639 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

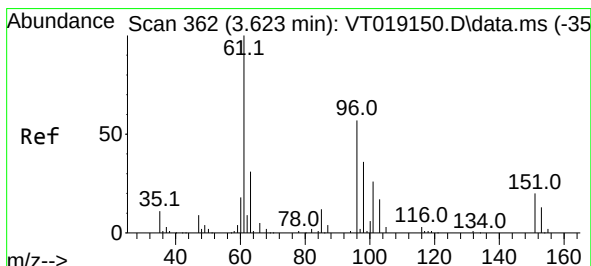
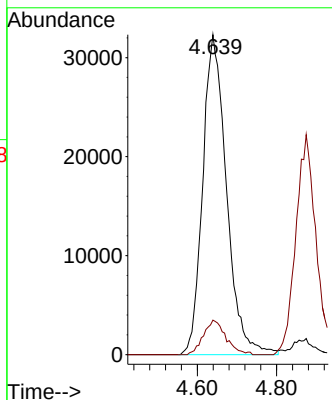
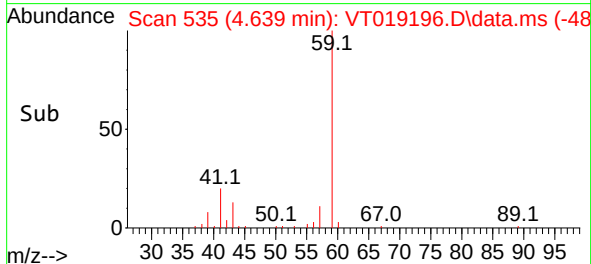
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 13447
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

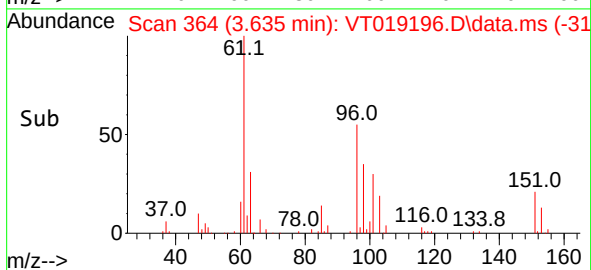
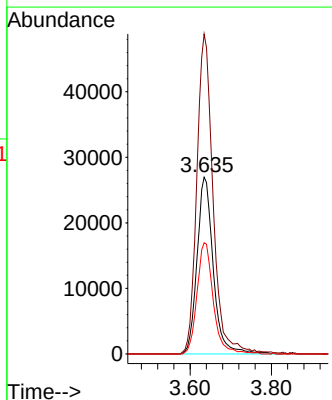
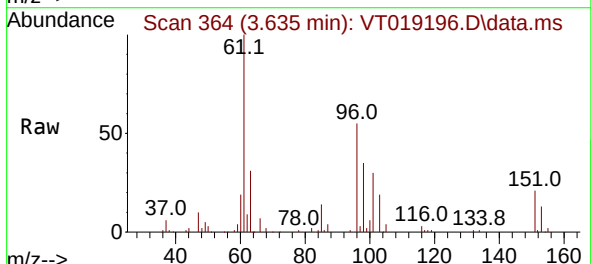
Manual Integrations
APPROVED

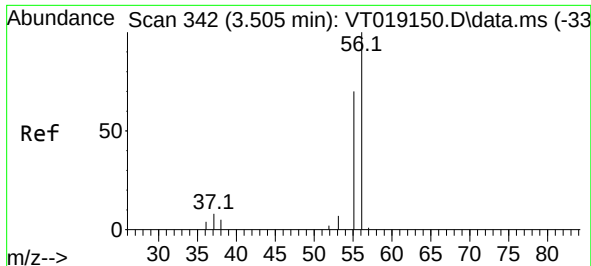
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
1,1-Dichloroethene
Concen: 47.424 ug/l
RT: 3.635 min Scan# 364
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

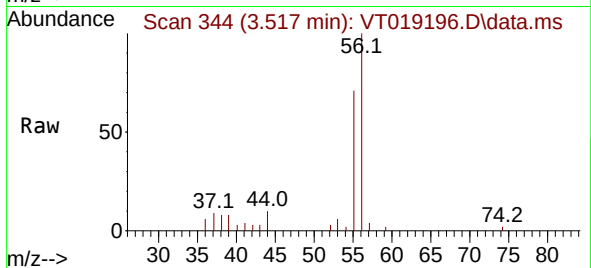
Tgt Ion: 96 Resp: 75174
Ion Ratio Lower Upper
96 100
61 181.0 141.4 212.2
98 62.9 50.7 76.1





#13
Acrolein
Concen: 232.342 ug/l
RT: 3.517 min Scan# 34
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

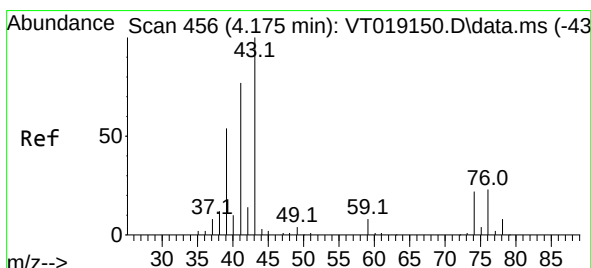
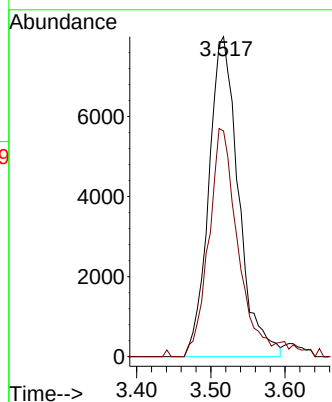
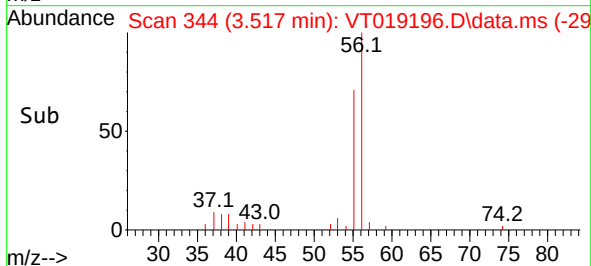
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



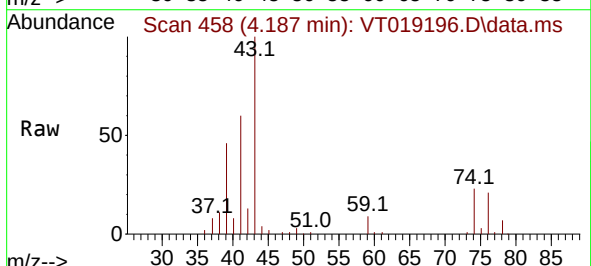
Tgt Ion: 56 Resp: 2229
Ion Ratio Lower Upper
56 100
55 69.0 59.4 89.0

Manual Integrations
APPROVED

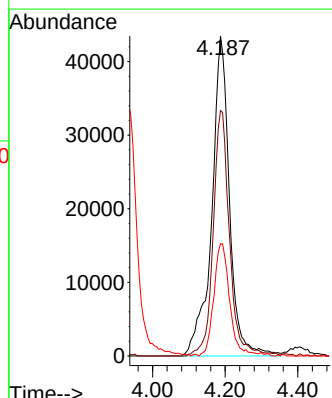
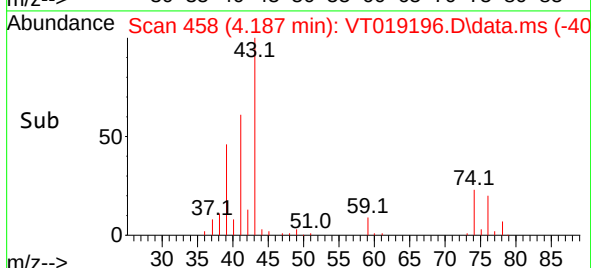
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Allyl chloride
Concen: 47.321 ug/l
RT: 4.187 min Scan# 458
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



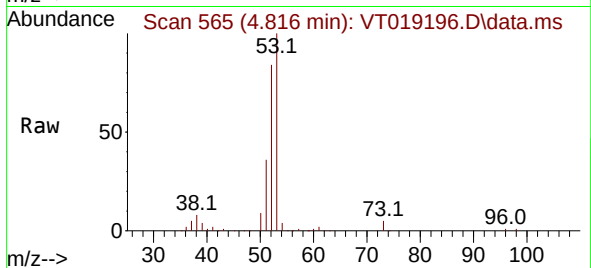
Tgt Ion: 41 Resp: 147938
Ion Ratio Lower Upper
41 100
39 70.5 49.9 74.9
76 31.2 20.8 31.2





#15
Acrylonitrile
Concen: 235.908 ug/l
RT: 4.816 min Scan# 50
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

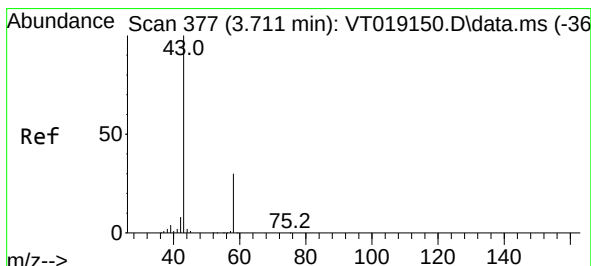
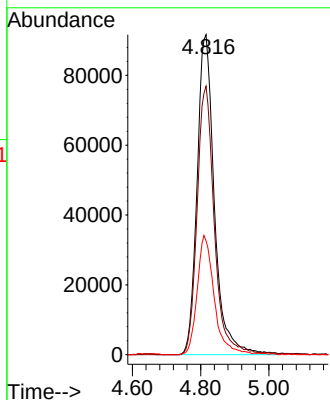
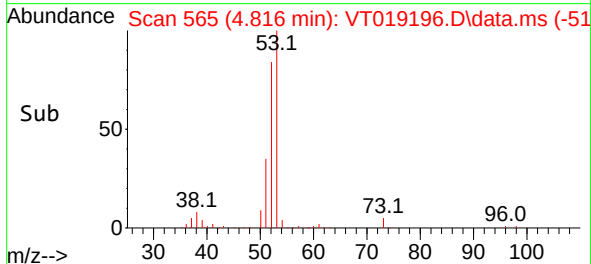
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 32359
Ion Ratio Lower Upper
53 100
52 83.1 65.9 98.9
51 36.6 29.4 44.2

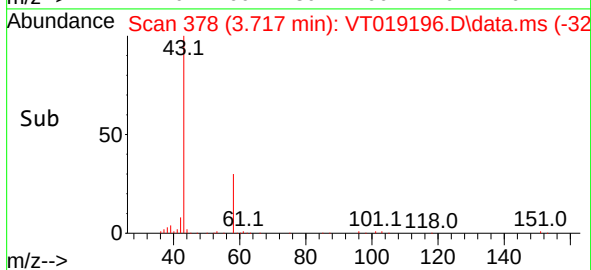
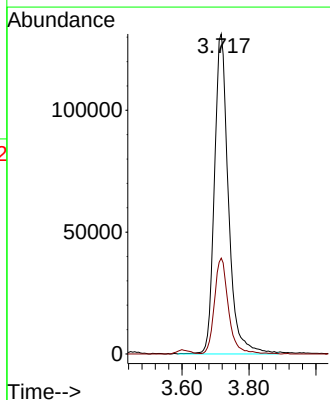
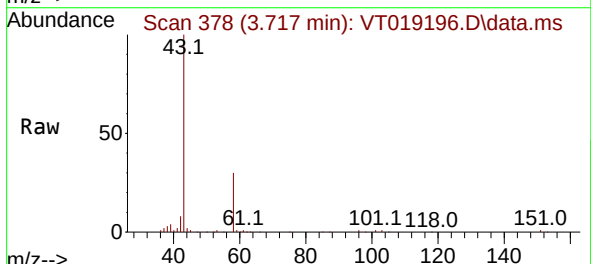
Manual Integrations
APPROVED

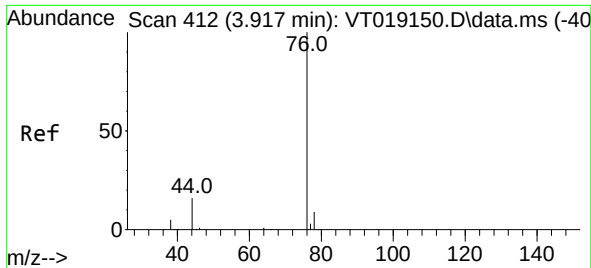
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Acetone
Concen: 242.446 ug/l
RT: 3.717 min Scan# 378
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

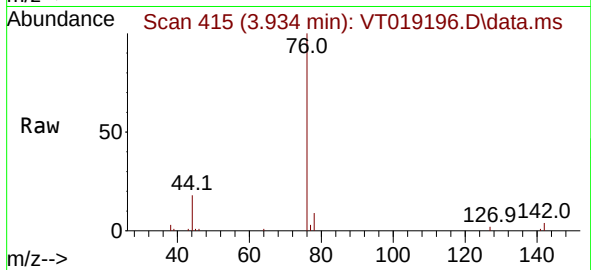
Tgt Ion: 43 Resp: 382496
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8





#17
Carbon Disulfide
Concen: 47.178 ug/l
RT: 3.934 min Scan# 412
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

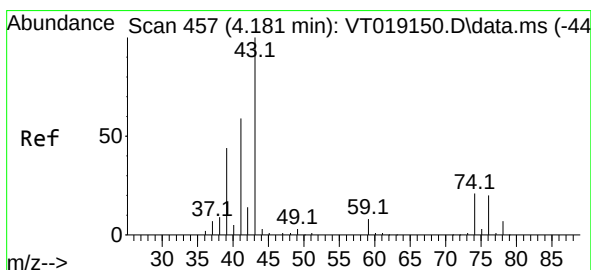
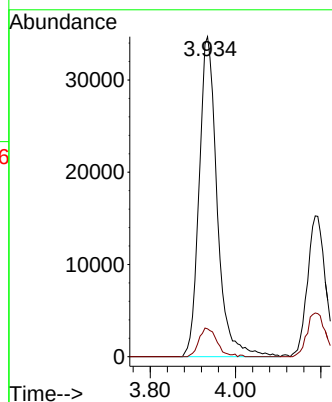
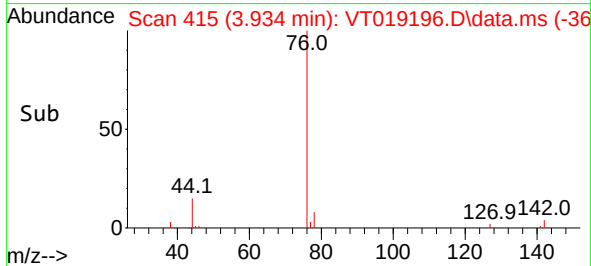
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 101648
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

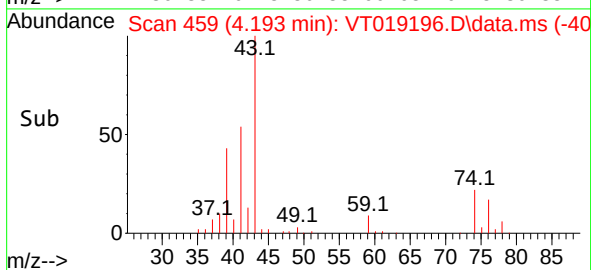
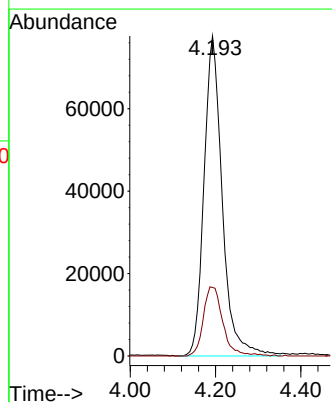
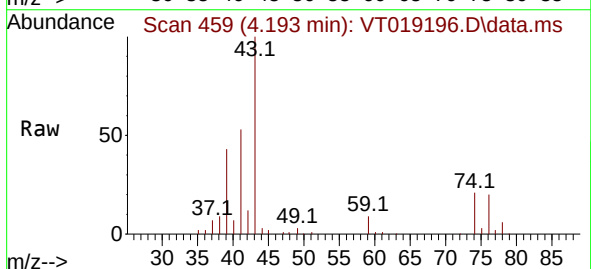
Manual Integrations
APPROVED

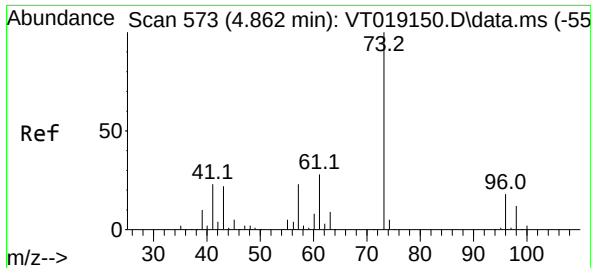
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#18
Methyl Acetate
Concen: 49.618 ug/l
RT: 4.193 min Scan# 459
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 43 Resp: 231036
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





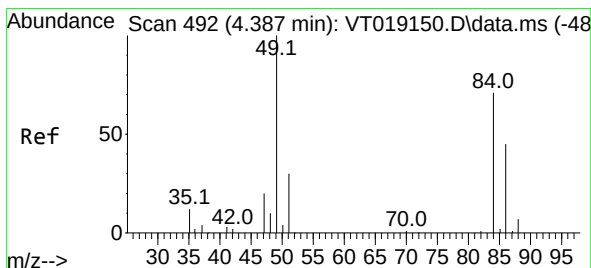
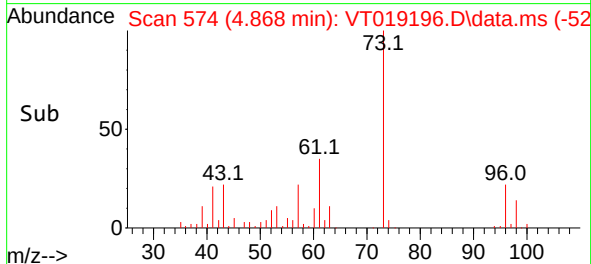
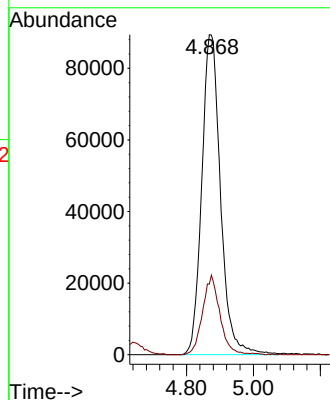
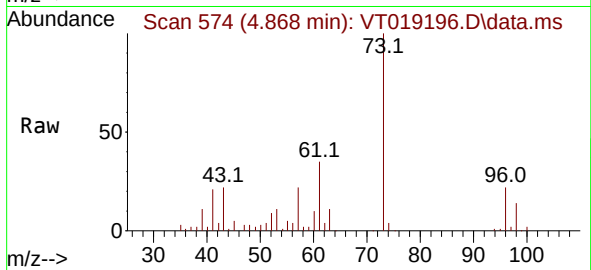
#19
Methyl tert-butyl Ether
Concen: 48.602 ug/l
RT: 4.868 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 347990
Ion Ratio Lower Upper
73 100
57 22.0 18.8 28.2

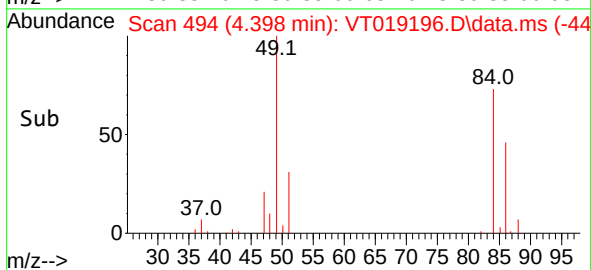
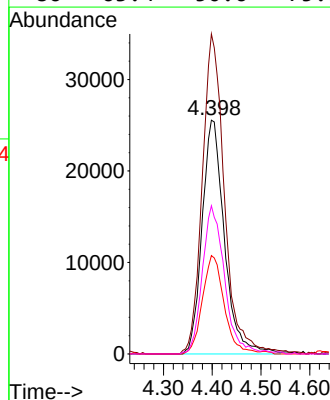
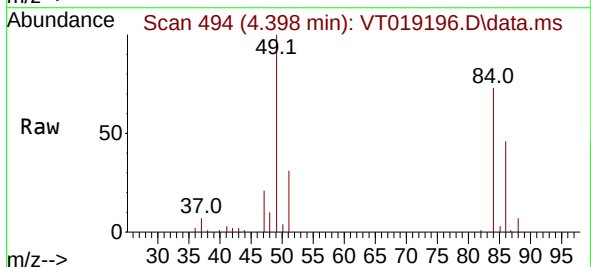
Manual Integrations
APPROVED

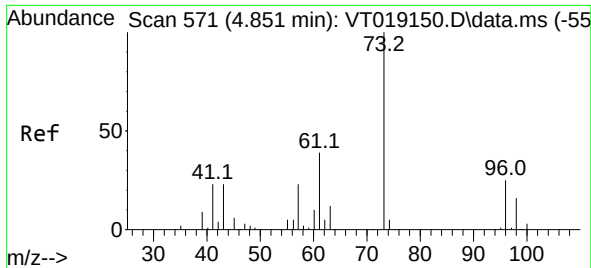
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 45.946 ug/l
RT: 4.398 min Scan# 494
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

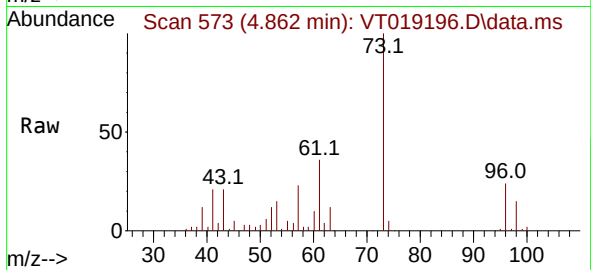
Tgt Ion: 84 Resp: 81282
Ion Ratio Lower Upper
84 100
49 136.9 113.1 169.7
51 42.1 33.6 50.4
86 63.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.645 ug/l
RT: 4.862 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

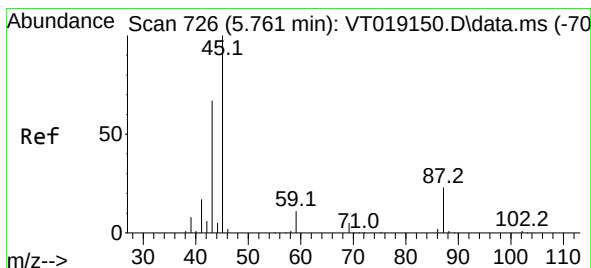
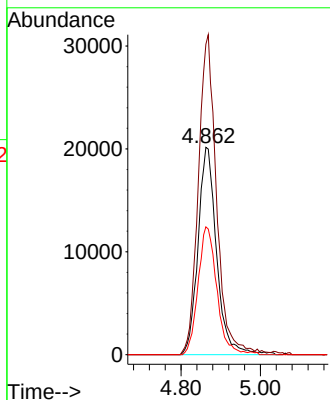
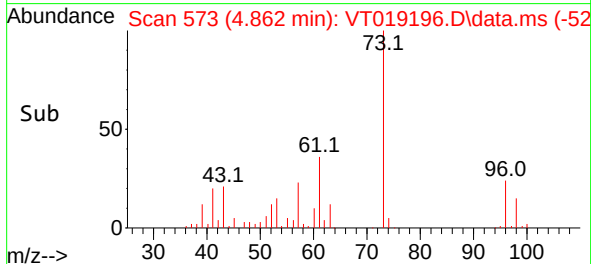
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



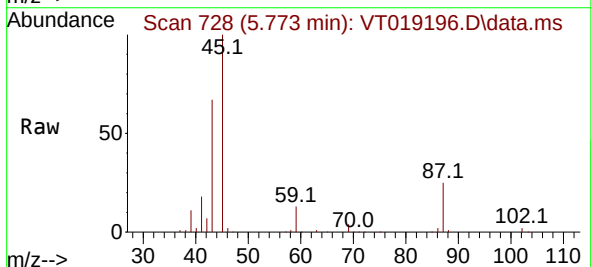
Tgt Ion: 96 Resp: 6566
Ion Ratio Lower Upper
96 100
61 149.7 124.6 187.0
98 61.7 50.9 76.3

Manual Integrations
APPROVED

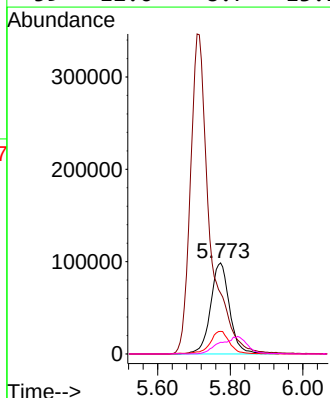
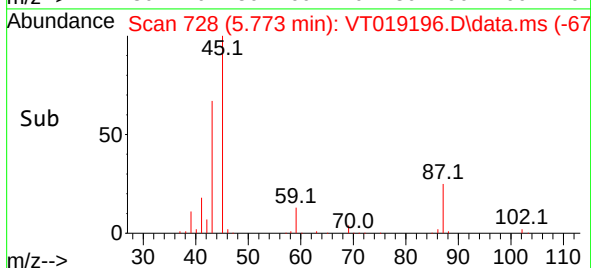
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

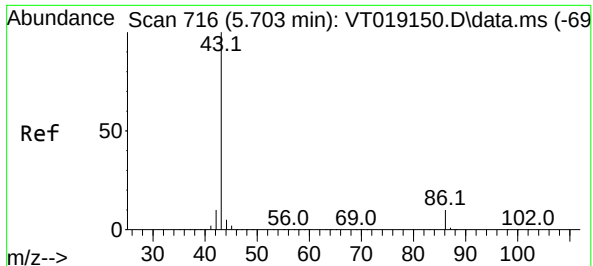


#22
Diisopropyl ether
Concen: 48.396 ug/l
RT: 5.773 min Scan# 728
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



Tgt Ion: 45 Resp: 359188
Ion Ratio Lower Upper
45 100
43 65.6 54.2 81.4
87 24.8 18.9 28.3
59 12.6 8.7 13.1





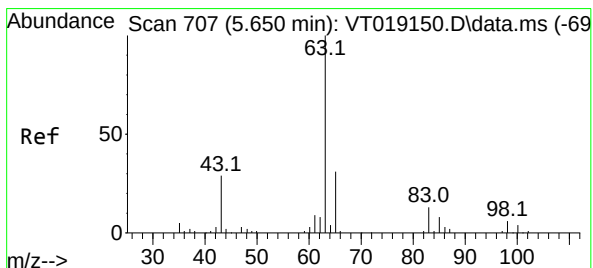
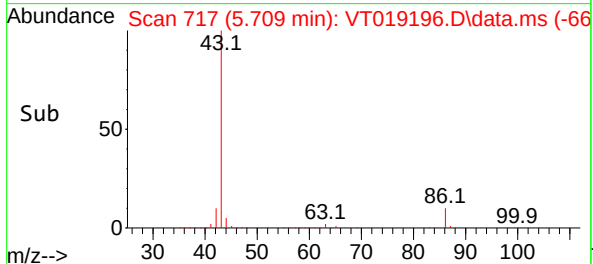
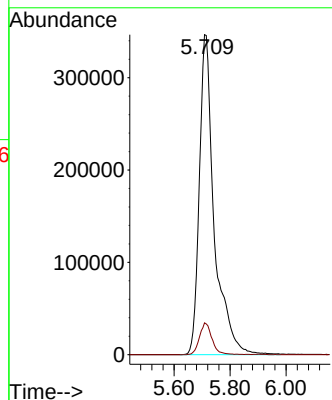
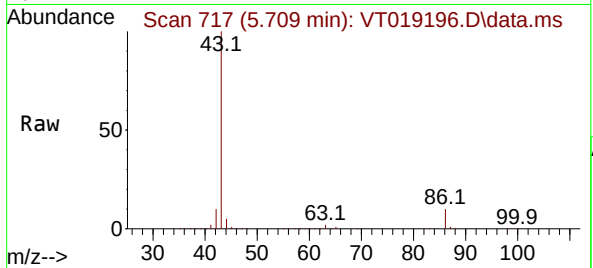
#23
 Vinyl Acetate
 Concen: 241.699 ug/l
 RT: 5.709 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 128157
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.6

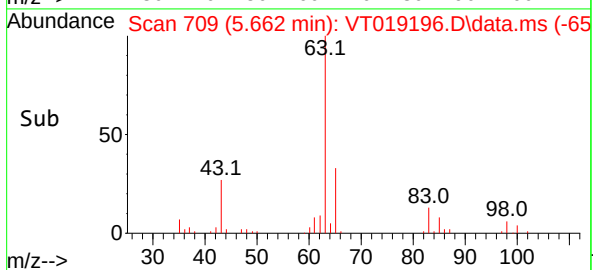
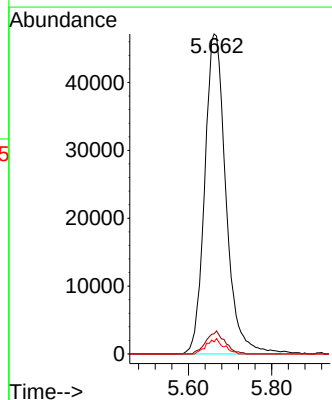
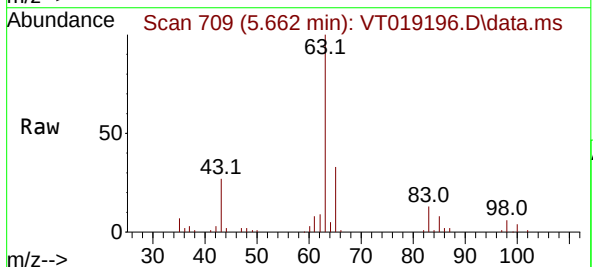
Manual Integrations
 APPROVED

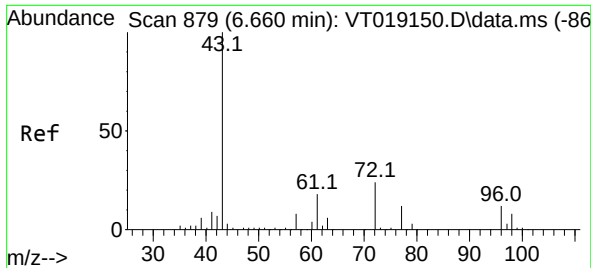
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#24
 1,1-Dichloroethane
 Concen: 48.050 ug/l
 RT: 5.662 min Scan# 709
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

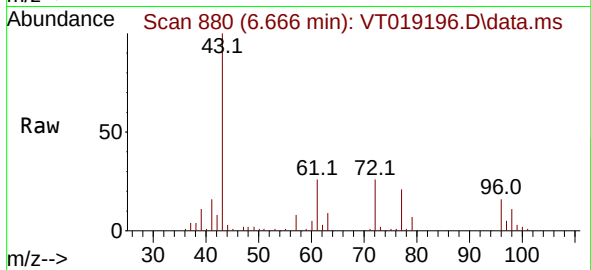
Tgt Ion: 63 Resp: 166829
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 227.176 ug/l
RT: 6.666 min Scan# 879
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

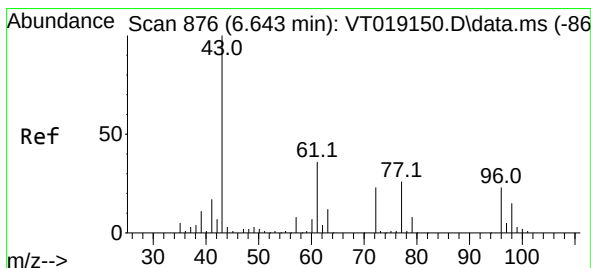
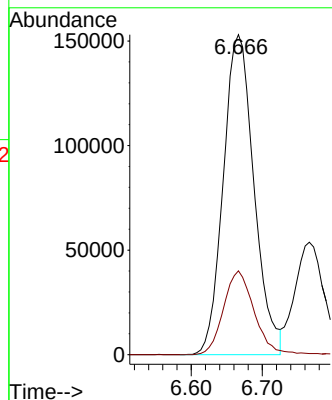
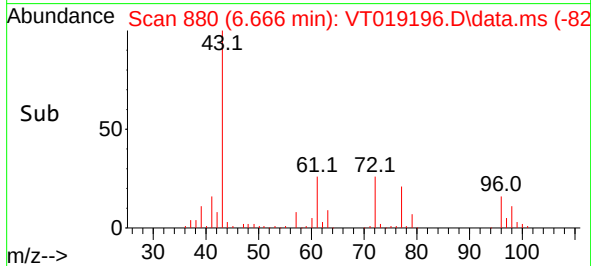
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 459789
Ion Ratio Lower Upper
43 100
72 26.2 19.0 28.6

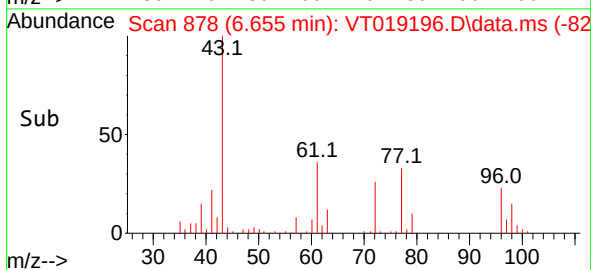
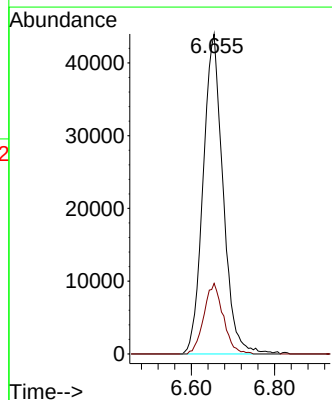
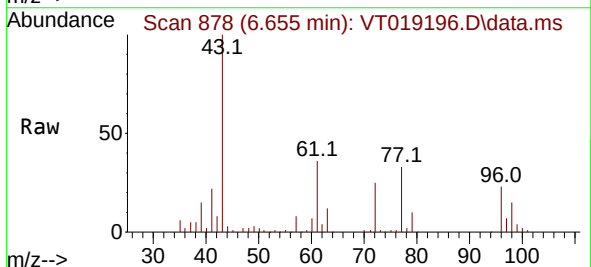
Manual Integrations
APPROVED

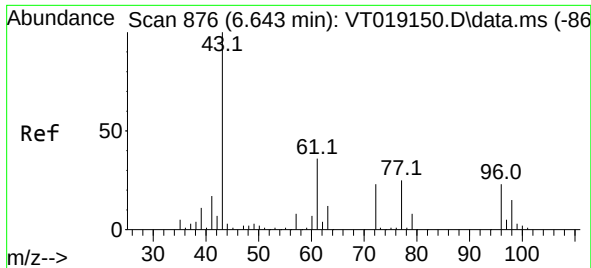
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
2,2-Dichloropropane
Concen: 48.811 ug/l
RT: 6.655 min Scan# 878
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

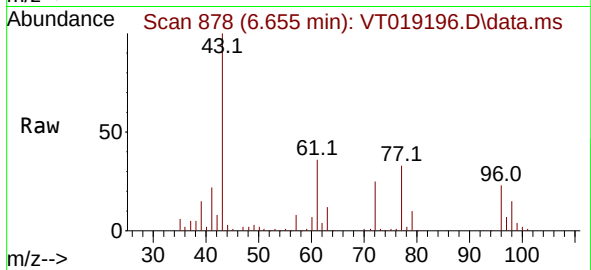
Tgt Ion: 77 Resp: 146235
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.241 ug/l
 RT: 6.655 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

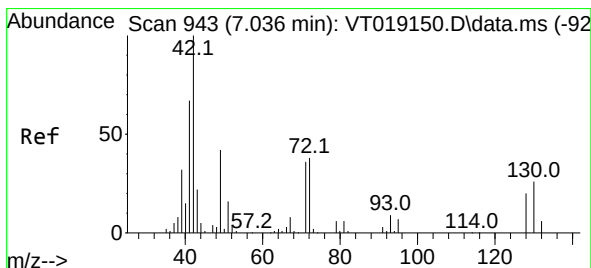
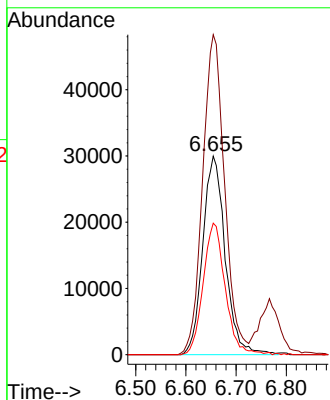
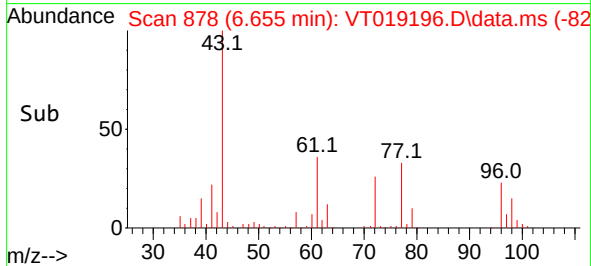
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 9328
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 309.0
 98 65.0 0.0 128.4

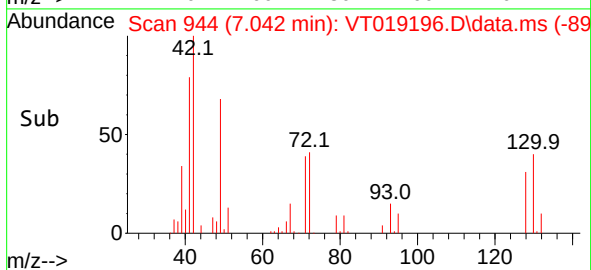
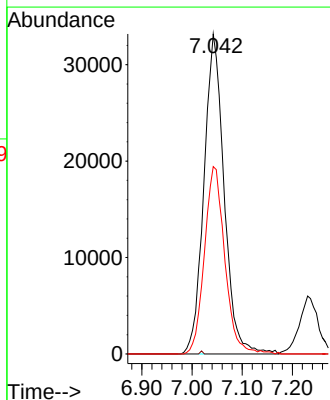
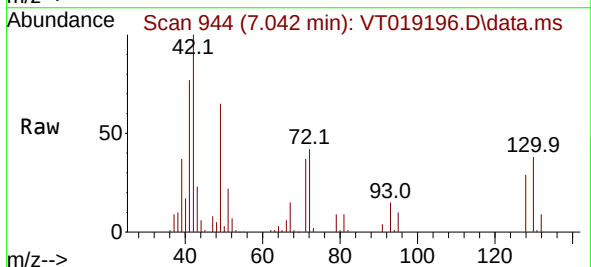
Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#28
 Bromochloromethane
 Concen: 49.994 ug/l
 RT: 7.042 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

Tgt Ion: 49 Resp: 92767
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 59.2 48.6 73.0





#29

Tetrahydrofuran

Concen: 239.789 ug/l

RT: 7.066 min Scan# 946

Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

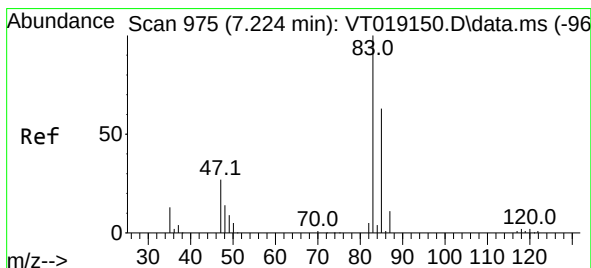
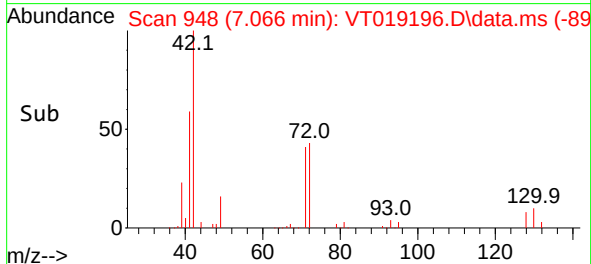
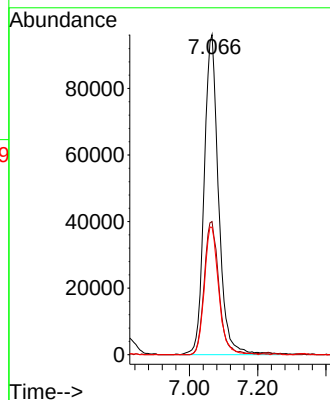
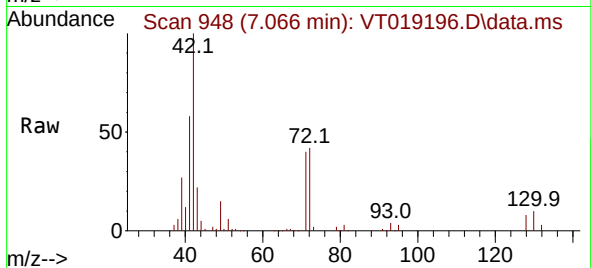
Tgt Ion: 42 Resp: 282372
 Ion Ratio Lower Upper
 42 100
 72 42.5 30.1 45.1
 71 39.6 28.4 42.6

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

Chloroform

Concen: 48.860 ug/l

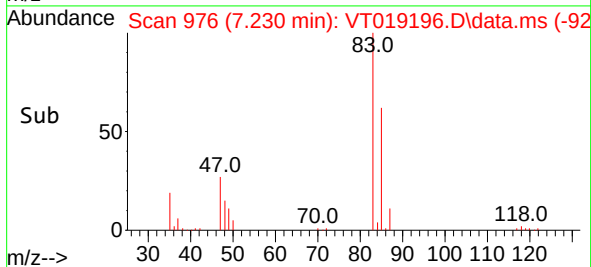
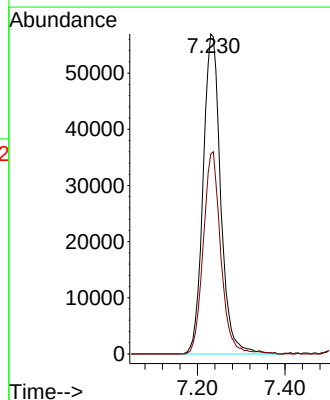
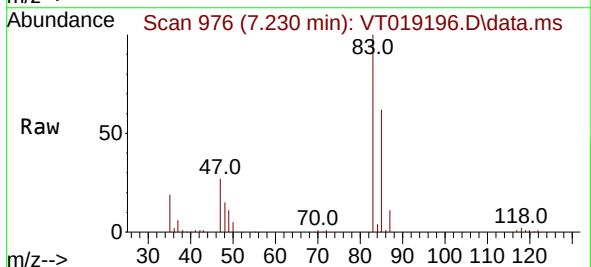
RT: 7.230 min Scan# 976

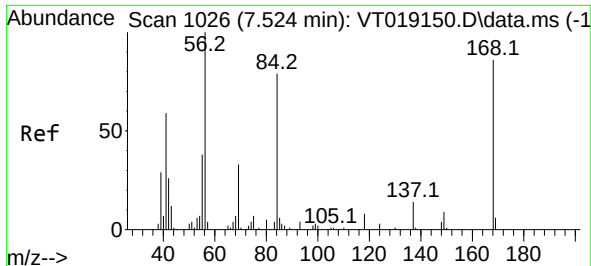
Delta R.T. 0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

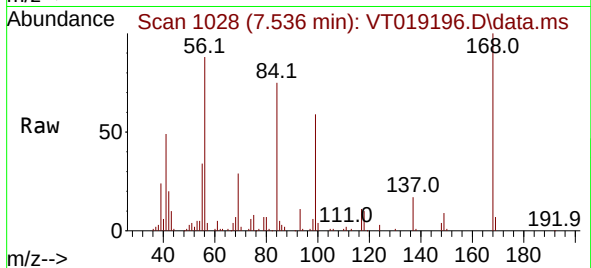
Tgt Ion: 83 Resp: 158824
 Ion Ratio Lower Upper
 83 100
 85 62.5 50.6 76.0





#31
Cyclohexane
Concen: 44.991 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

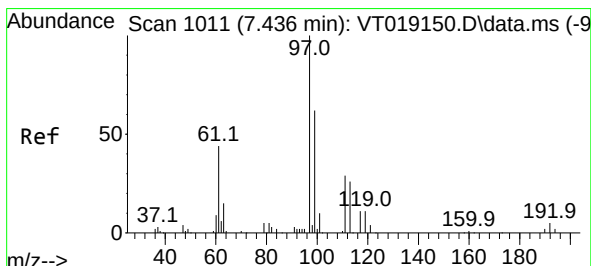
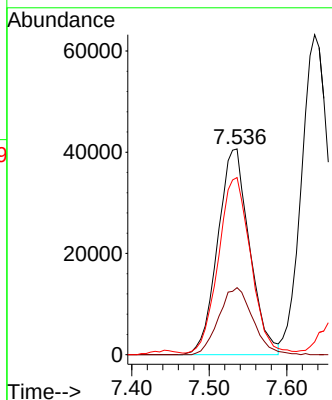
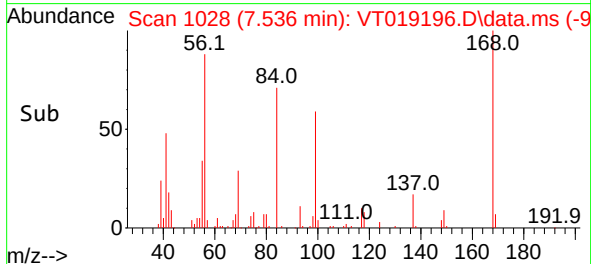
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



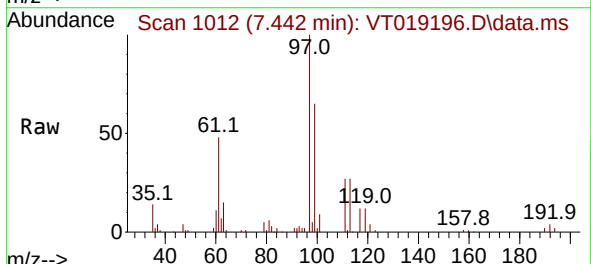
Tgt Ion: 56 Resp: 11615
Ion Ratio Lower Upper
56 100
69 32.6 26.1 39.1
84 84.9 63.6 95.4

Manual Integrations
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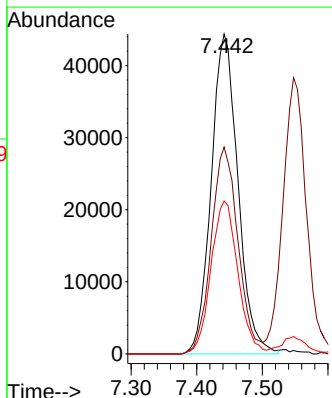
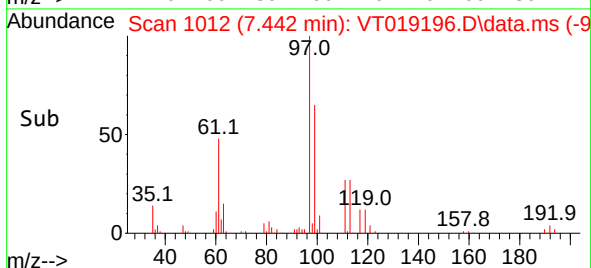
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

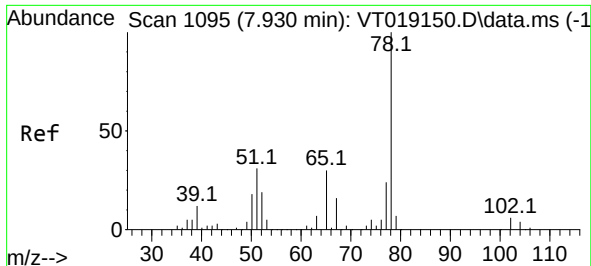


#32
1,1,1-Trichloroethane
Concen: 48.521 ug/l
RT: 7.442 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



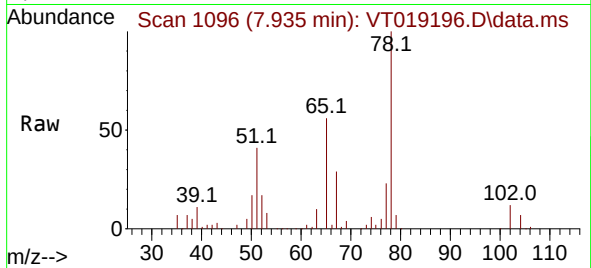
Tgt Ion: 97 Resp: 125549
Ion Ratio Lower Upper
97 100
99 65.0 50.5 75.7
61 48.2 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 47.359 ug/l
RT: 7.935 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

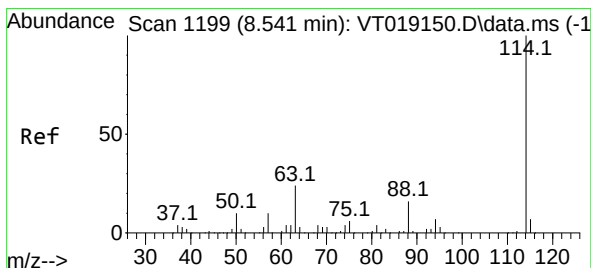
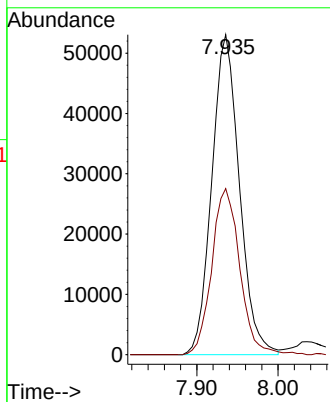
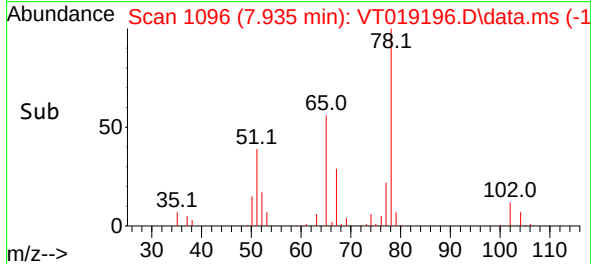
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 65 Resp: 125310
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.0

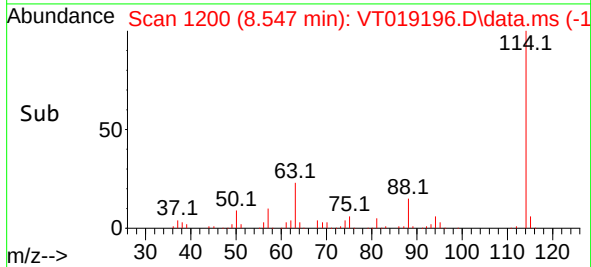
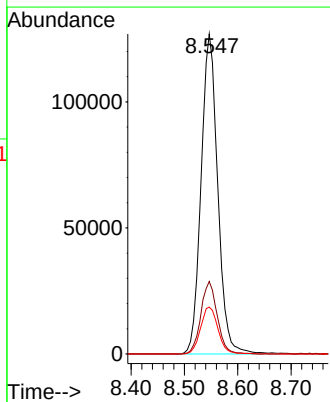
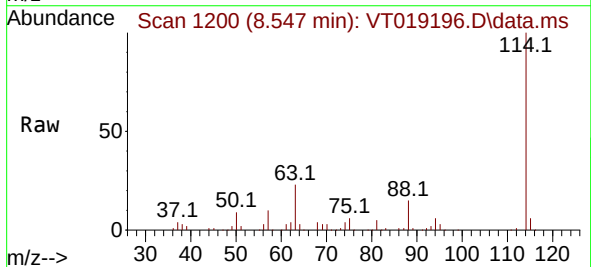
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.547 min Scan# 1200
Delta R.T. -0.001 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

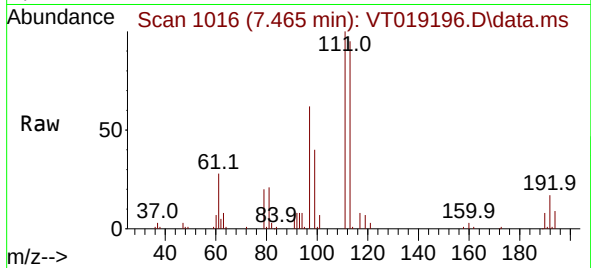
Tgt Ion:114 Resp: 275332
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.2
88 14.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.510 ug/l
RT: 7.465 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

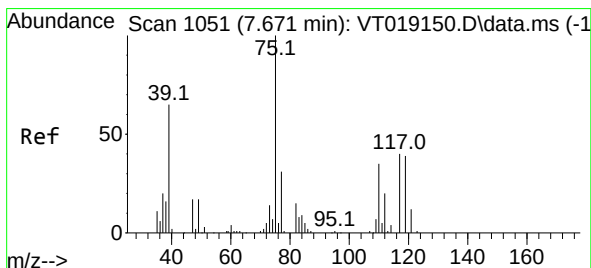
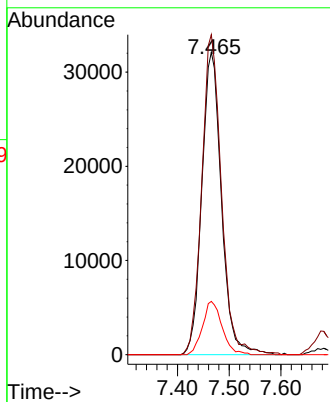
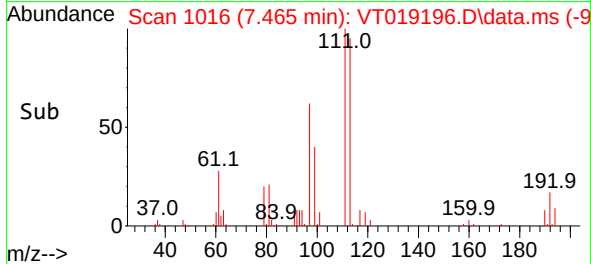
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



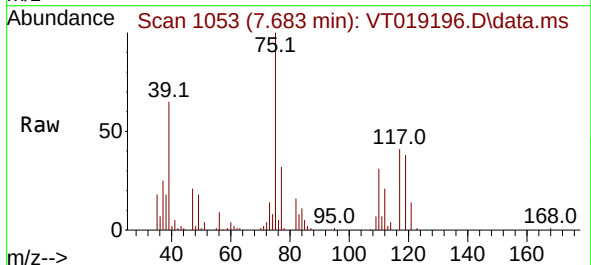
Tgt Ion: 113 Resp: 84475
Ion Ratio Lower Upper
113 100
111 105.8 81.6 122.4
192 17.6 15.3 22.9

Manual Integrations
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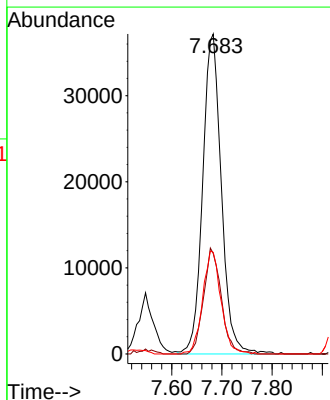
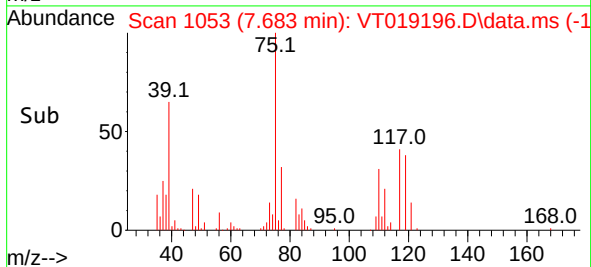
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

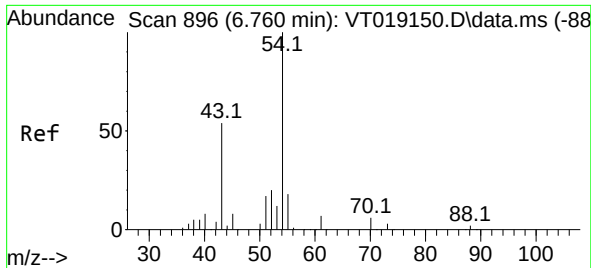


#36
1,1-Dichloropropene
Concen: 49.035 ug/l
RT: 7.683 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



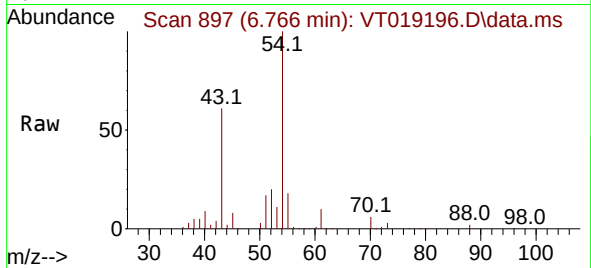
Tgt Ion: 75 Resp: 96046
Ion Ratio Lower Upper
75 100
110 31.4 16.1 48.2
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 47.790 ug/l
RT: 6.766 min Scan# 896
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

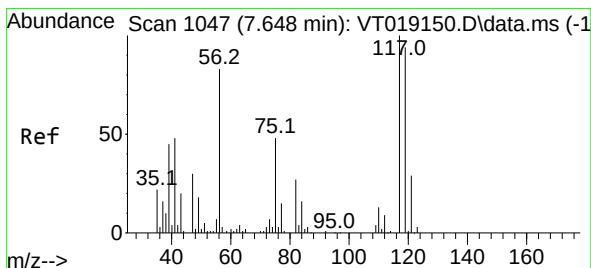
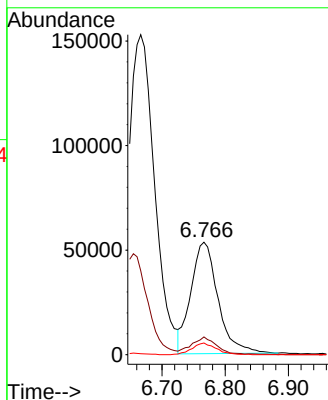
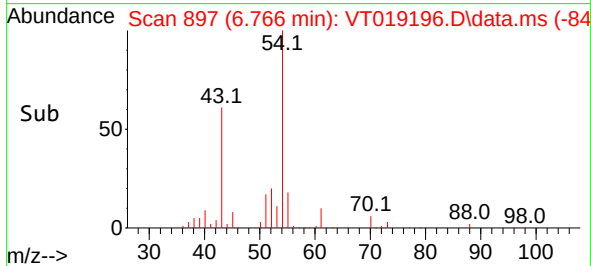
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 159354
Ion Ratio Lower Upper
43 100
61 15.1 10.0 15.0
70 9.3 7.3 10.9

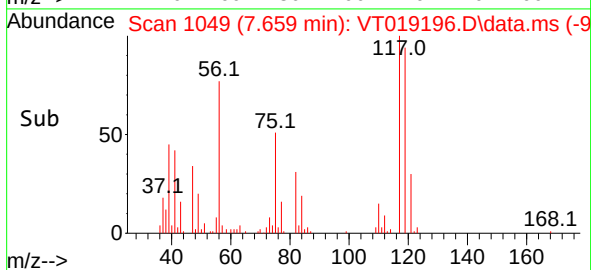
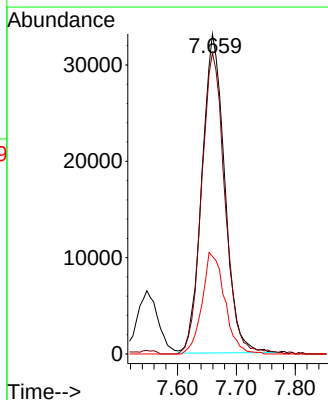
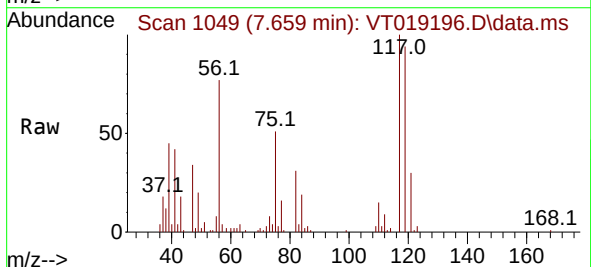
Manual Integrations
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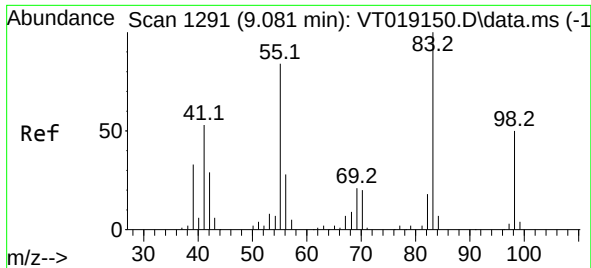
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#38
Carbon Tetrachloride
Concen: 49.850 ug/l
RT: 7.659 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

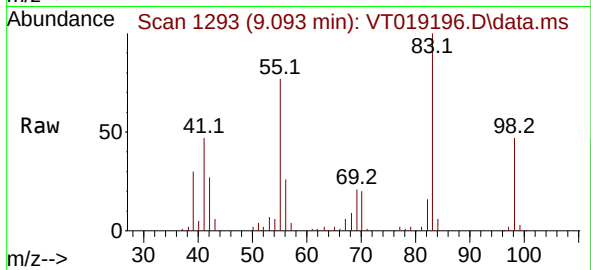
Tgt Ion:117 Resp: 88783
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
121 30.6 23.3 34.9





#39
Methylcyclohexane
Concen: 49.381 ug/l
RT: 9.093 min Scan# 1291
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

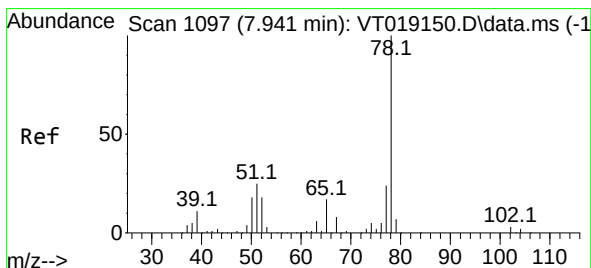
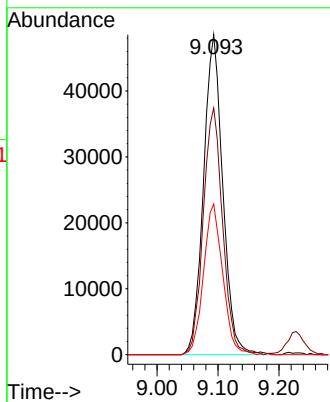
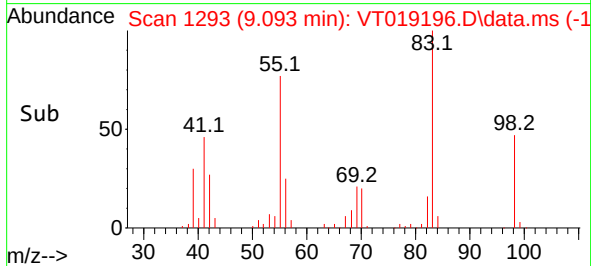
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 106879
Ion Ratio Lower Upper
83 100
55 77.1 67.5 101.3
98 47.1 39.9 59.9

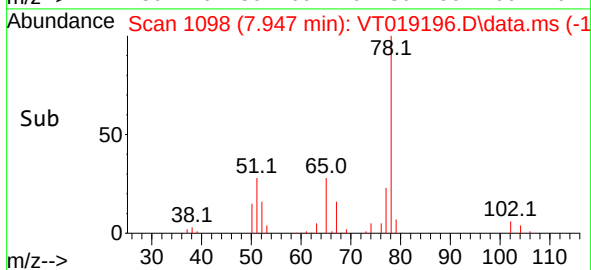
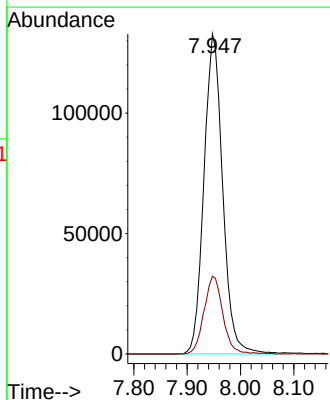
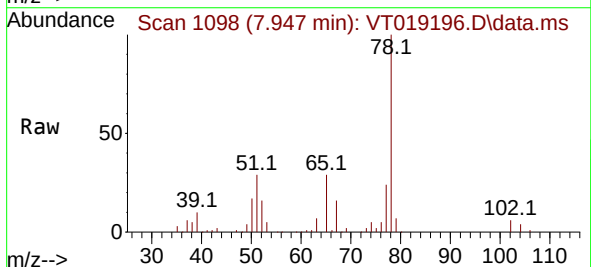
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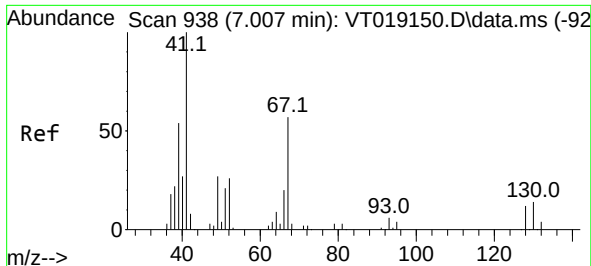
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Benzene
Concen: 48.799 ug/l
RT: 7.947 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 78 Resp: 323562
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





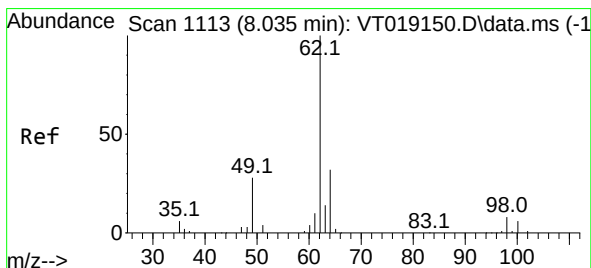
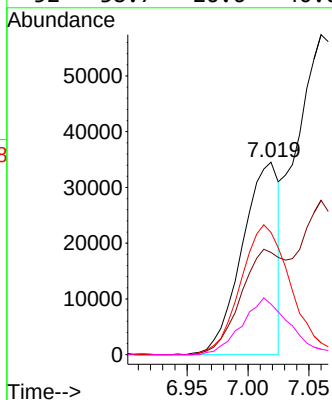
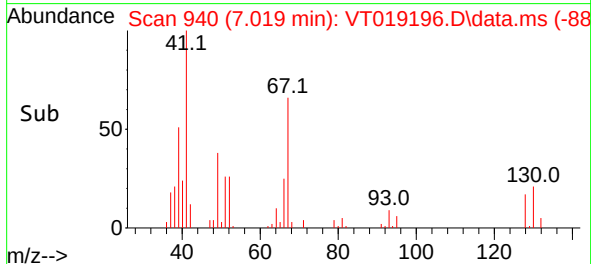
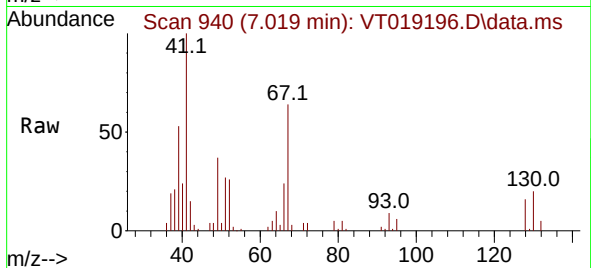
#41
Methacrylonitrile
Concen: 43.234 ug/l
RT: 7.019 min Scan# 940
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	7256
Ion	Ratio	Lower	Upper
41	100		
39	64.5	49.8	74.6
67	93.6	60.0	90.0
52	38.7	26.6	40.0

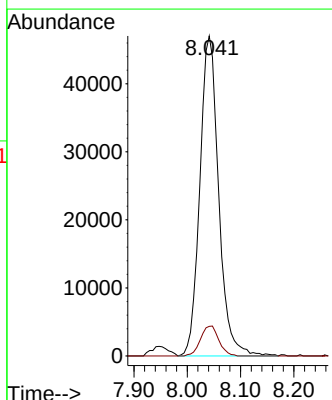
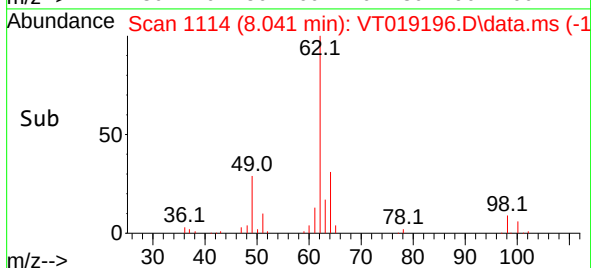
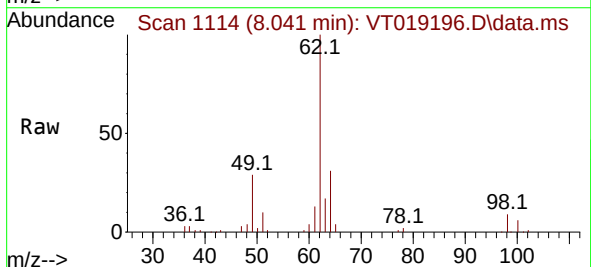
Manual Integrations
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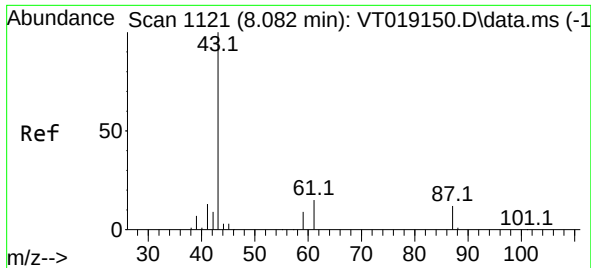
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#42
1,2-Dichloroethane
Concen: 49.533 ug/l
RT: 8.041 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

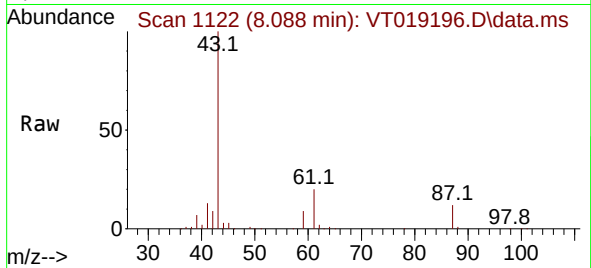
Tgt Ion:	62	Resp:	115412
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43
Isopropyl Acetate
Concen: 48.202 ug/l
RT: 8.088 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

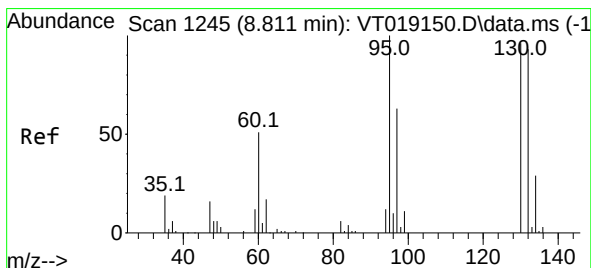
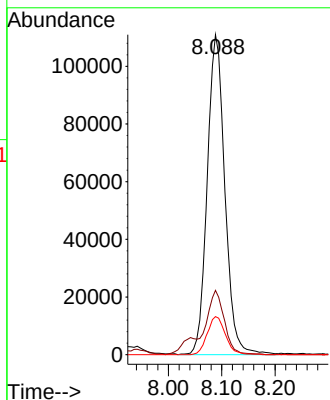
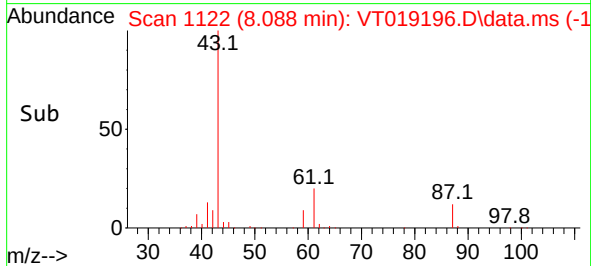
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



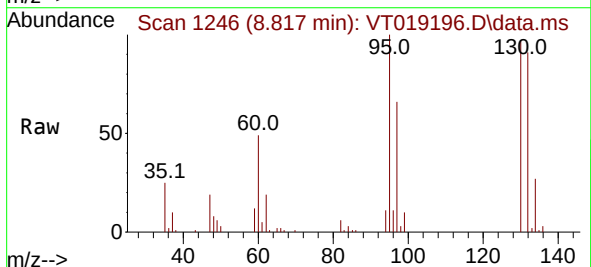
Tgt Ion: 43 Resp: 255570
Ion Ratio Lower Upper
43 100
61 20.0 14.8 22.2
87 12.2 9.1 13.7

Manual Integrations
APPROVED

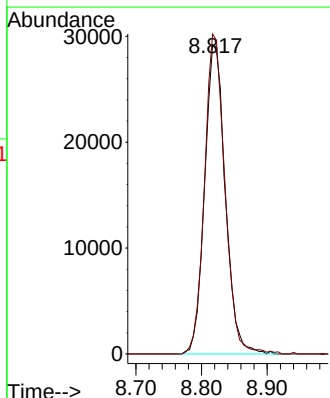
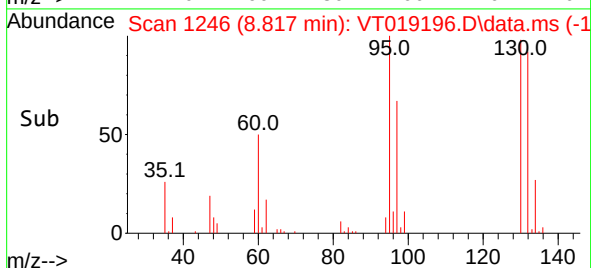
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

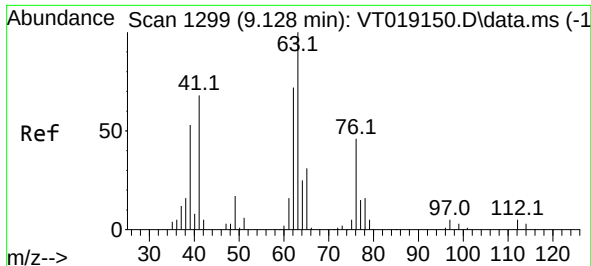


#44
Trichloroethene
Concen: 49.369 ug/l
RT: 8.817 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



Tgt Ion:130 Resp: 63987
Ion Ratio Lower Upper
130 100
95 103.5 0.0 207.8





#45

1,2-Dichloropropane

Concen: 48.834 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 8238

Ion Ratio Lower Upper

63 100

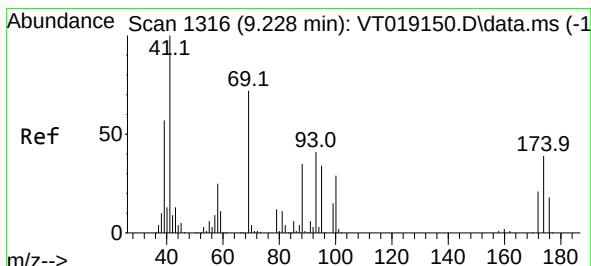
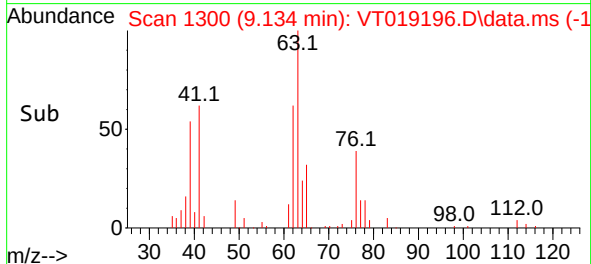
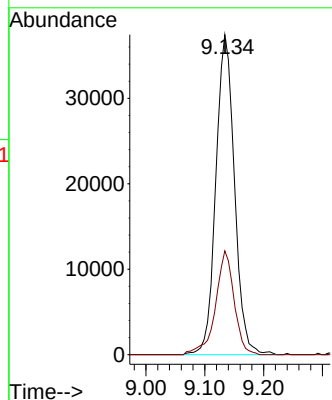
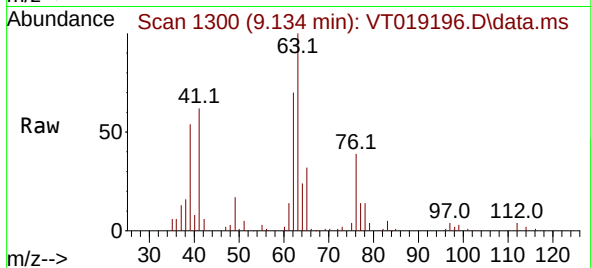
65 32.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#46

Dibromomethane

Concen: 49.805 ug/l

RT: 9.234 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

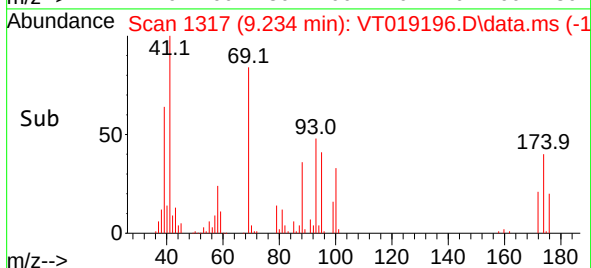
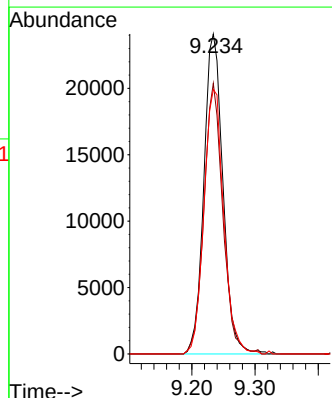
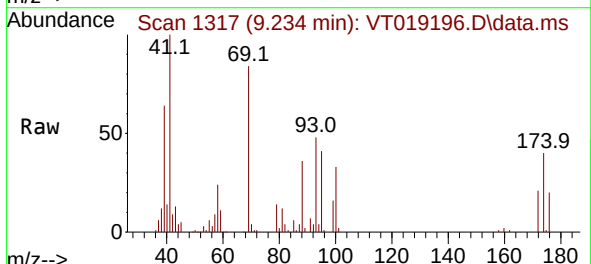
Tgt Ion: 93 Resp: 50570

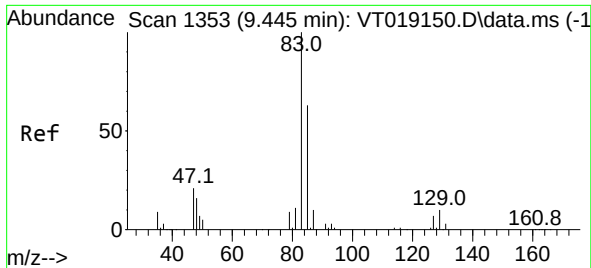
Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 86.0 77.3 115.9





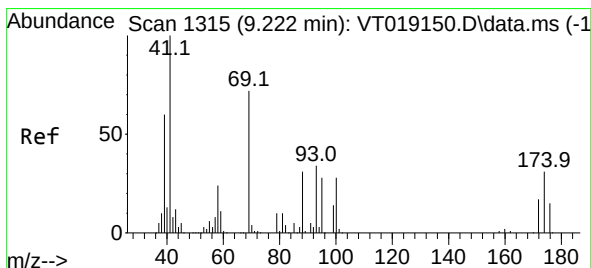
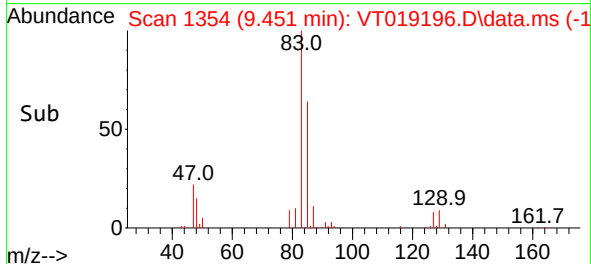
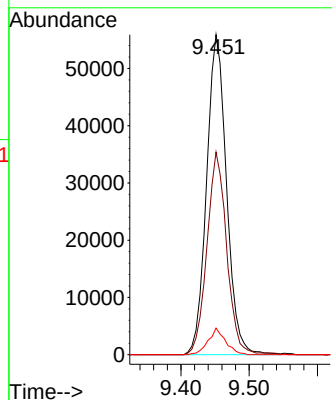
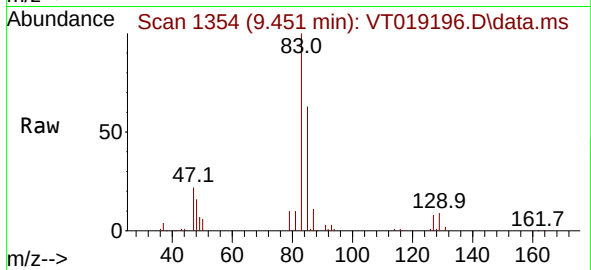
#47
Bromodichloromethane
Concen: 49.700 ug/l
RT: 9.451 min Scan# 113769
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 113769
Ion Ratio Lower Upper
83 100
85 63.3 50.4 75.6
127 8.3 6.0 9.0

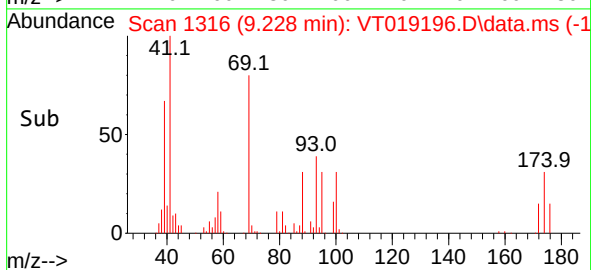
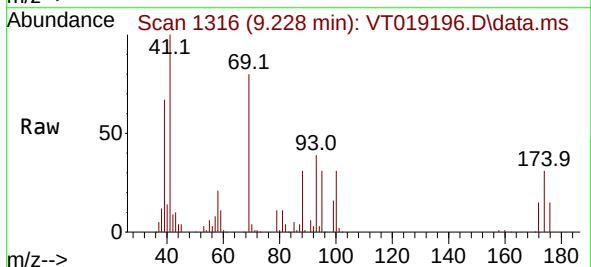
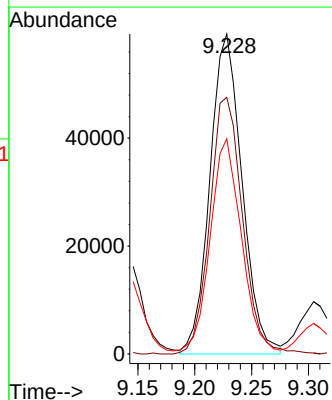
Manual Integrations
APPROVED

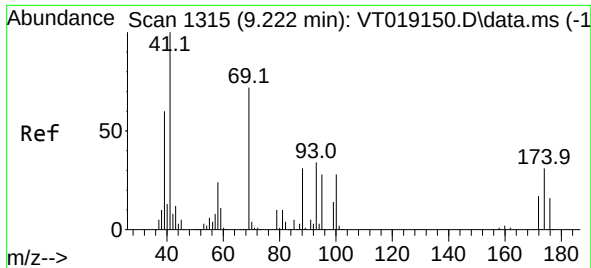
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 49.014 ug/l
RT: 9.228 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 41 Resp: 116730
Ion Ratio Lower Upper
41 100
69 81.5 56.9 85.3
39 65.8 48.0 72.0





#49

1,4-Dioxane

Concen: 901.136 ug/l

RT: 9.228 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 40309

Ion Ratio Lower Upper

88 100

43 34.7 30.0 45.0

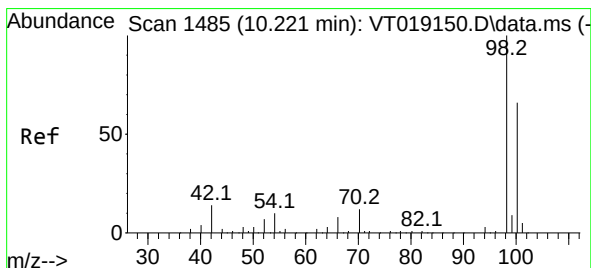
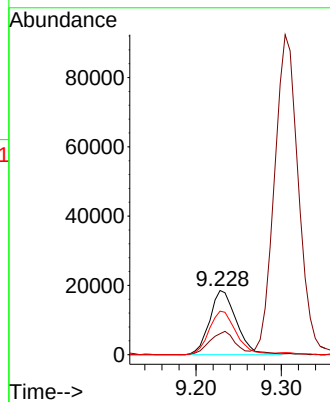
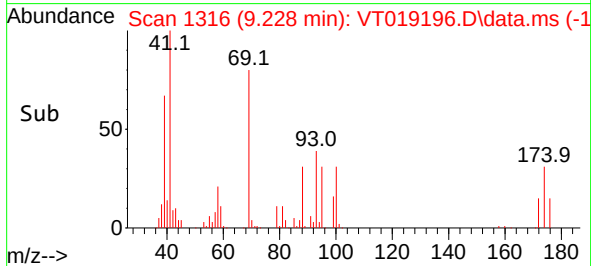
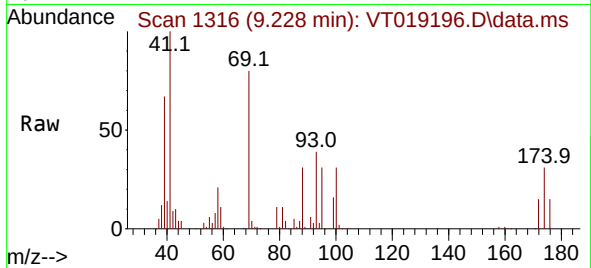
58 68.2 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

Toluene-d8

Concen: 48.363 ug/l

RT: 10.227 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VT019196.D

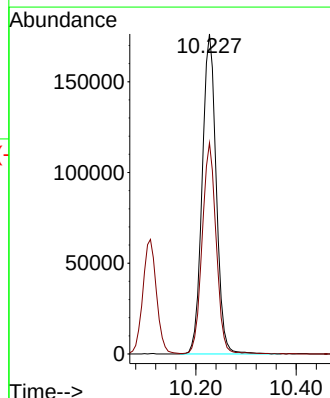
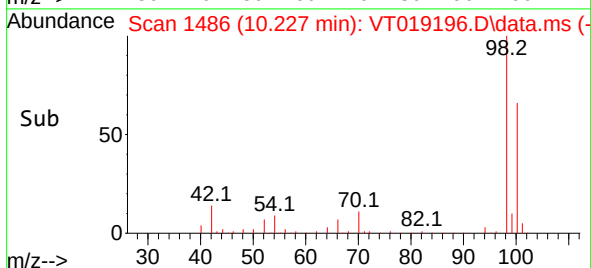
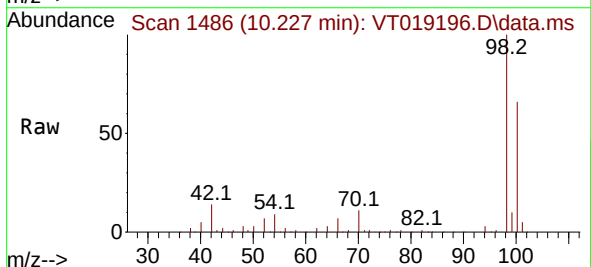
Acq: 29 Oct 2025 10:54

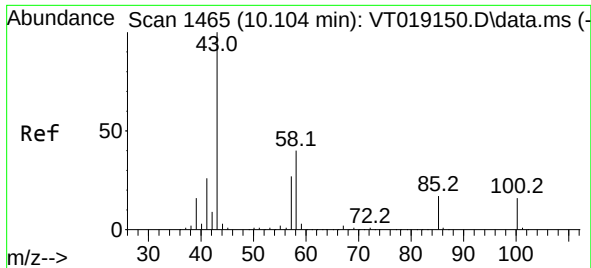
Tgt Ion: 98 Resp: 342007

Ion Ratio Lower Upper

98 100

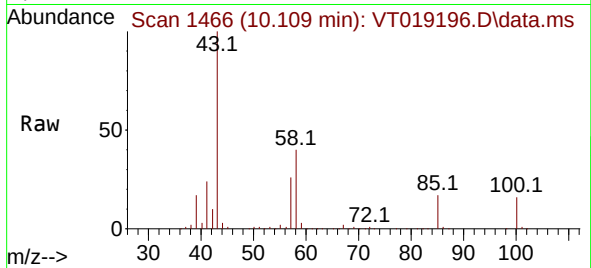
100 65.9 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 242.136 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

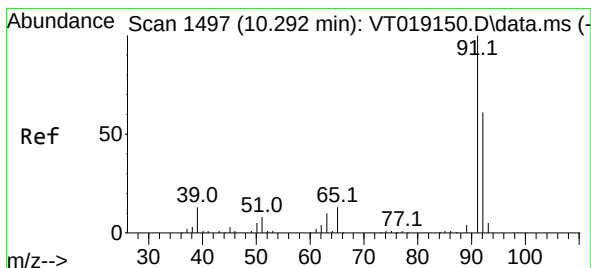
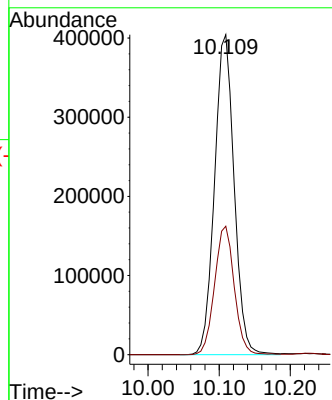
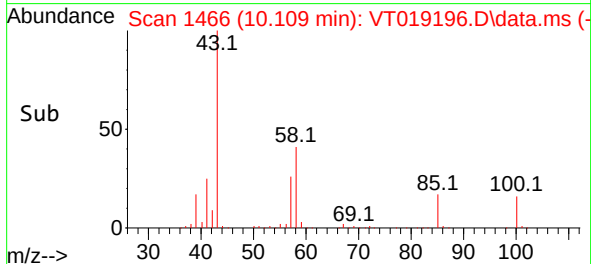
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 77321
Ion Ratio Lower Upper
43 100
58 40.3 30.5 45.7

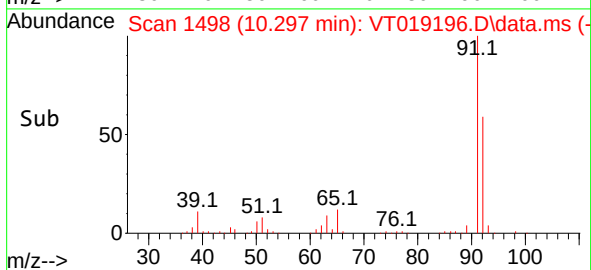
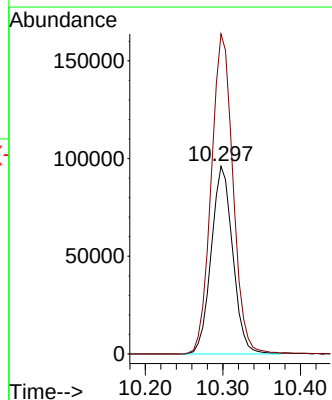
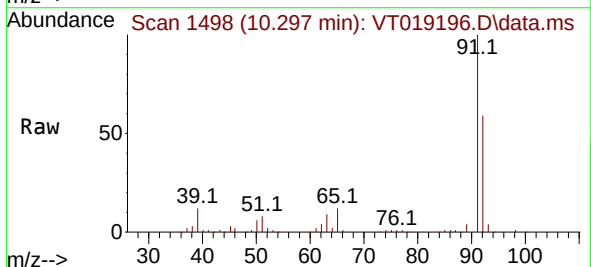
Manual Integrations
APPROVED

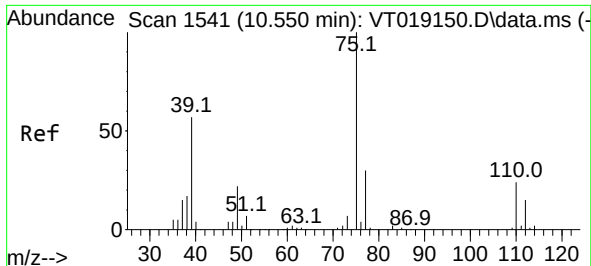
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
Toluene
Concen: 48.821 ug/l
RT: 10.297 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

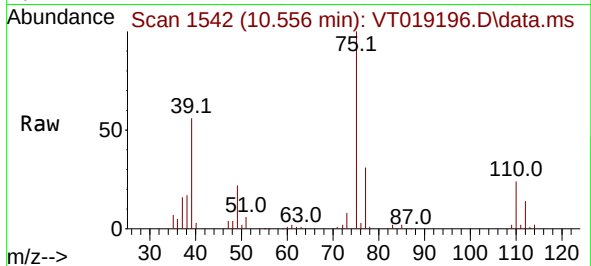
Tgt Ion: 92 Resp: 184972
Ion Ratio Lower Upper
92 100
91 173.6 134.8 202.2





#53
t-1,3-Dichloropropene
Concen: 49.699 ug/l
RT: 10.556 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

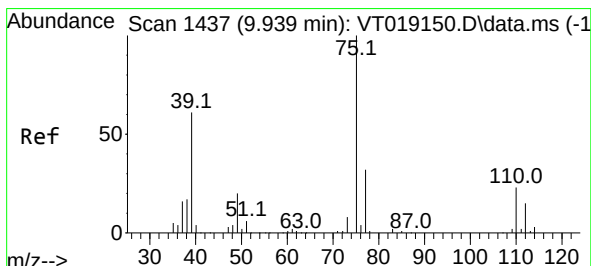
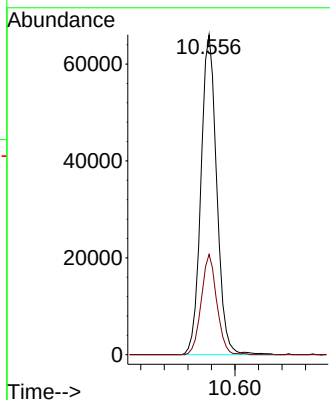
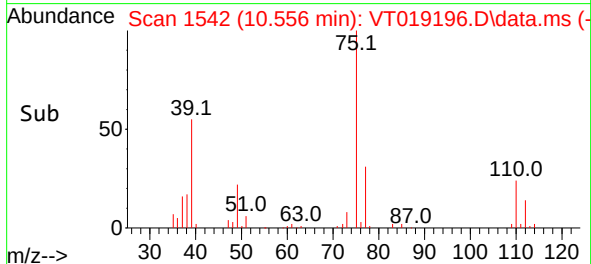
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



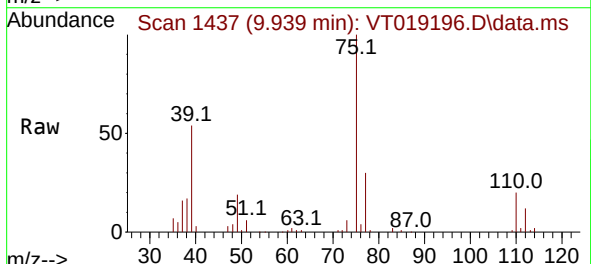
Tgt Ion: 75 Resp: 123134
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4

Manual Integrations
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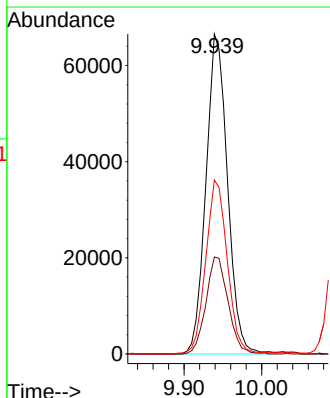
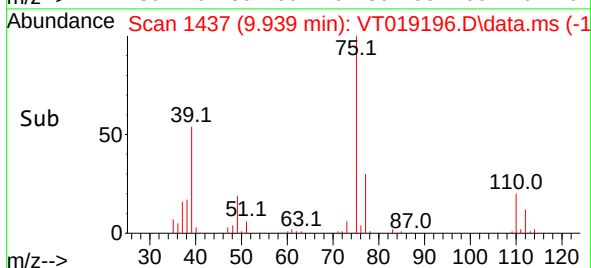
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

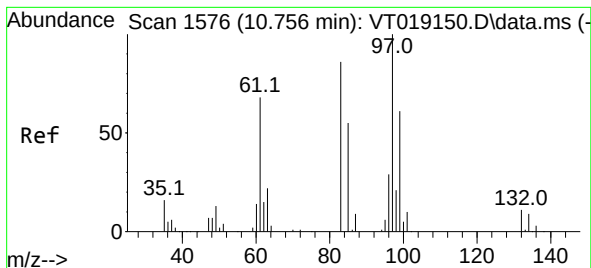


#54
cis-1,3-Dichloropropene
Concen: 50.142 ug/l
RT: 9.939 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



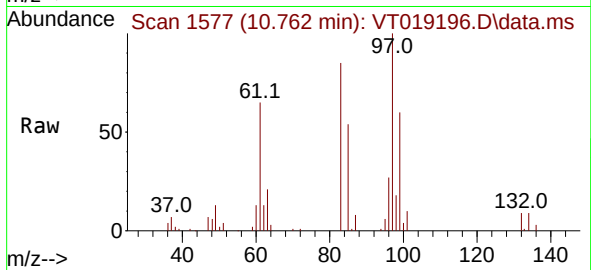
Tgt Ion: 75 Resp: 128646
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 54.1 48.8 73.2





#55
1,1,2-Trichloroethane
Concen: 49.357 ug/l
RT: 10.762 min Scan# 1577
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

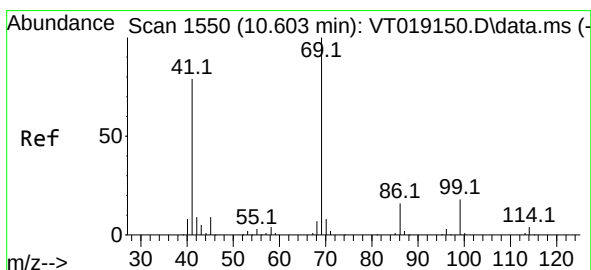
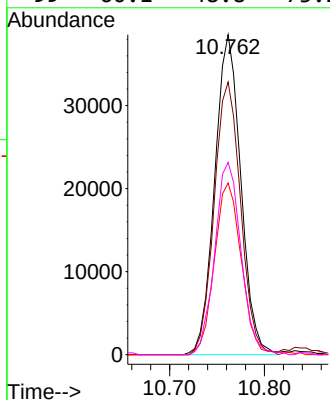
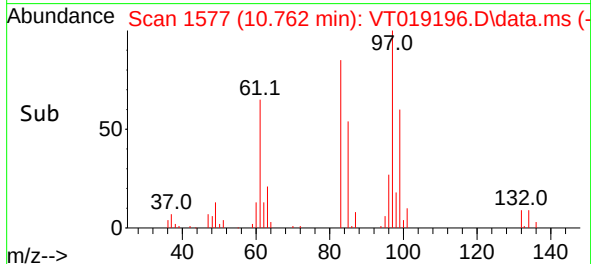
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



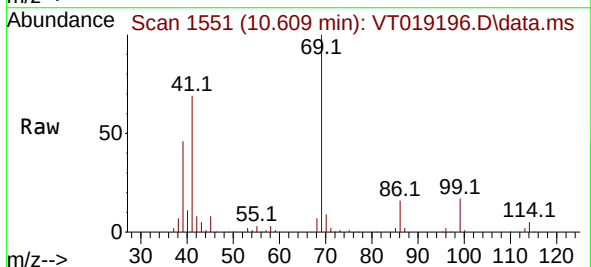
Tgt Ion: 97 Resp: 73758
Ion Ratio Lower Upper
97 100
83 85.2 69.2 103.8
85 53.7 43.8 65.6
99 60.1 48.8 73.2

Manual Integrations
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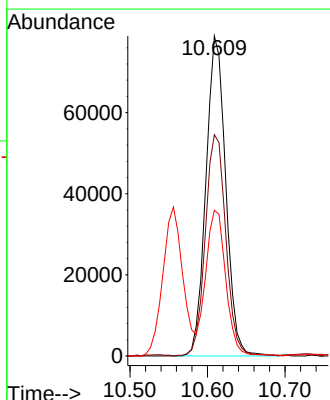
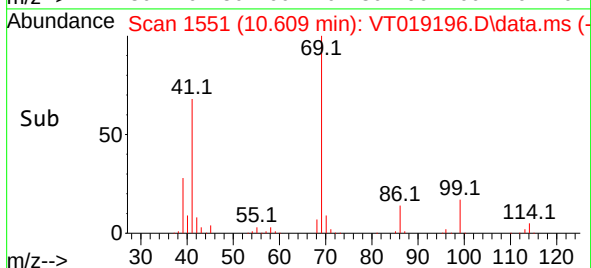
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

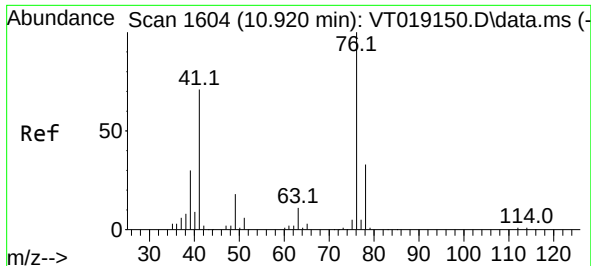


#56
Ethyl methacrylate
Concen: 48.785 ug/l
RT: 10.609 min Scan# 1551
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



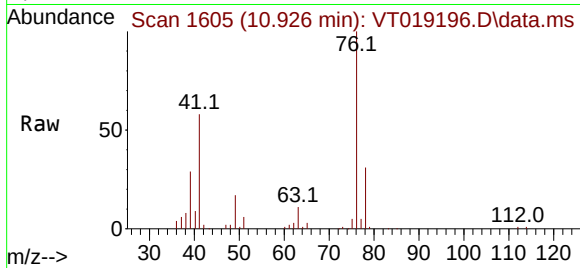
Tgt Ion: 69 Resp: 140096
Ion Ratio Lower Upper
69 100
41 71.8 62.6 93.8
39 45.9 37.2 55.8





#57
1,3-Dichloropropane
Concen: 49.041 ug/l
RT: 10.926 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

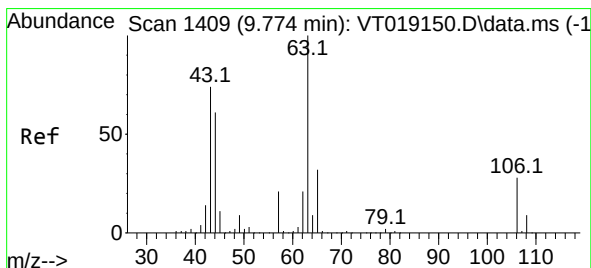
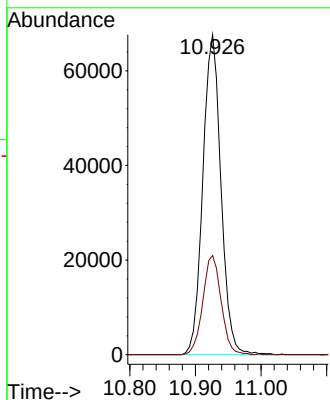
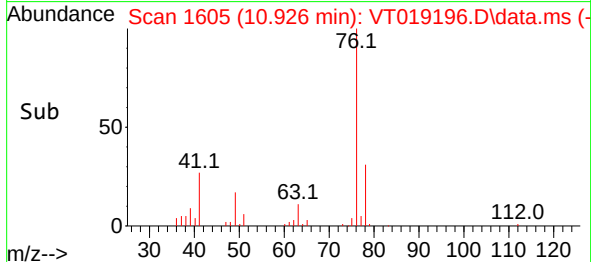
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 130063
Ion Ratio Lower Upper
76 100
78 31.3 25.9 38.9

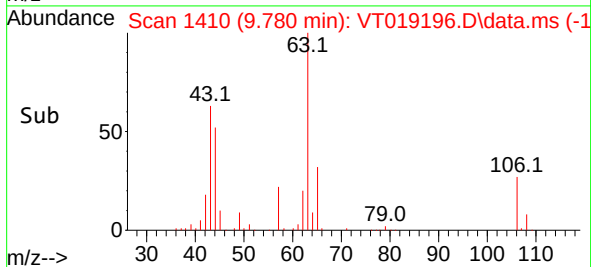
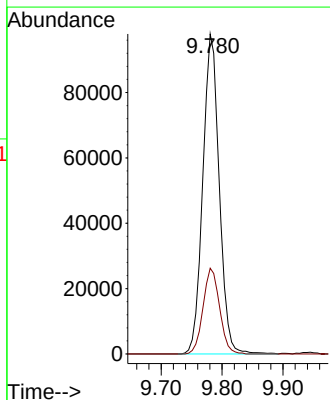
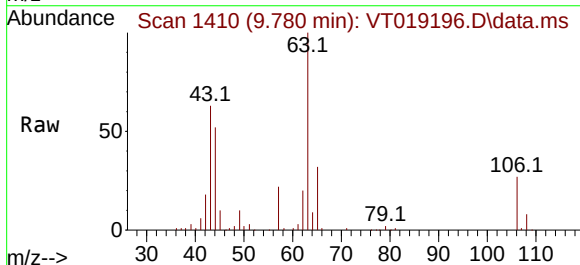
Manual Integrations
APPROVED

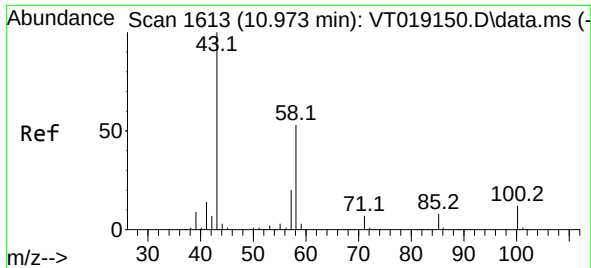
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 237.088 ug/l
RT: 9.780 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

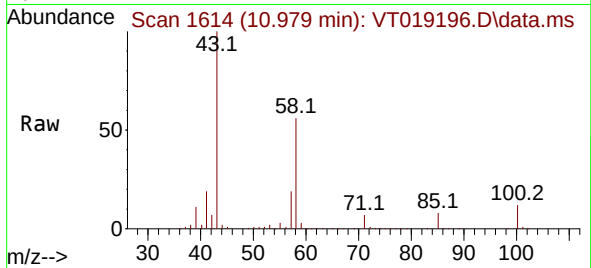
Tgt Ion: 63 Resp: 183231
Ion Ratio Lower Upper
63 100
106 26.9 22.4 33.6





#59
2-Hexanone
Concen: 234.701 ug/l
RT: 10.979 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

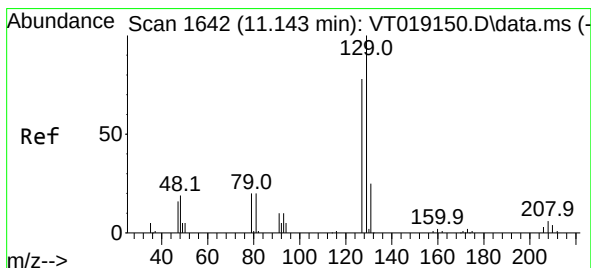
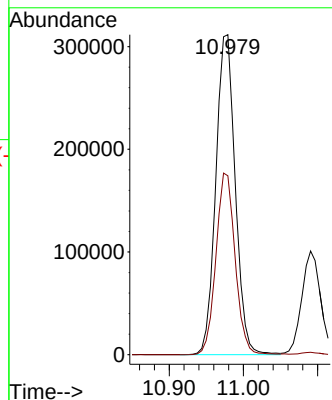
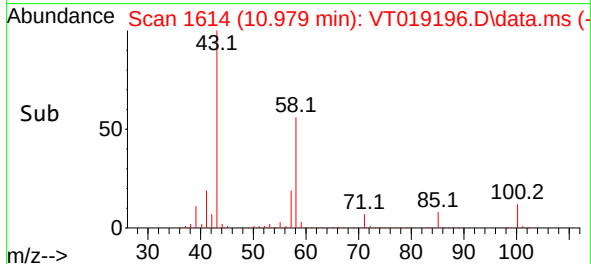
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



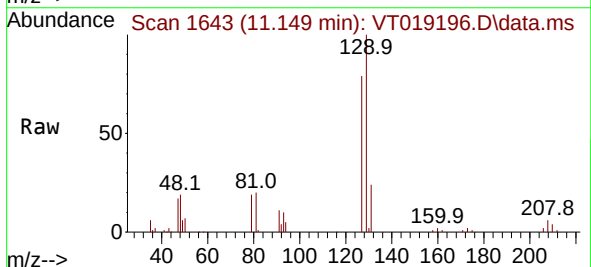
Tgt Ion: 43 Resp: 56776
Ion Ratio Lower Upper
43 100
58 56.0 26.1 78.3

Manual Integrations
APPROVED

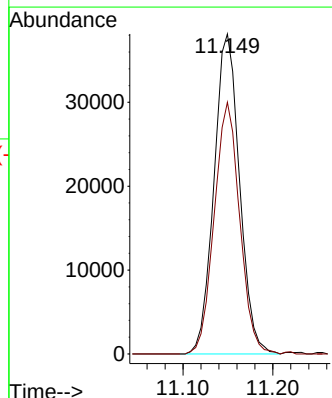
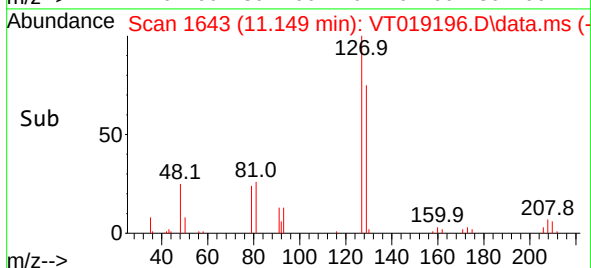
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

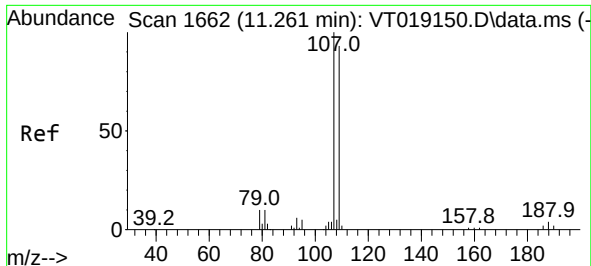


#60
Dibromochloromethane
Concen: 49.946 ug/l
RT: 11.149 min Scan# 1643
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



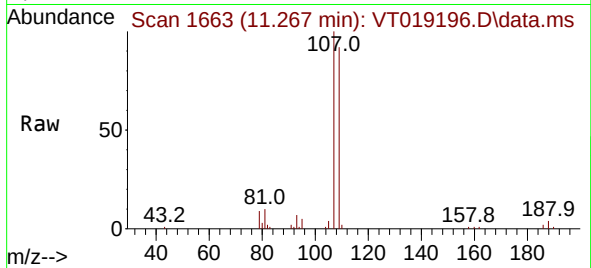
Tgt Ion:129 Resp: 75249
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





#61
1,2-Dibromoethane
Concen: 48.504 ug/l
RT: 11.267 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

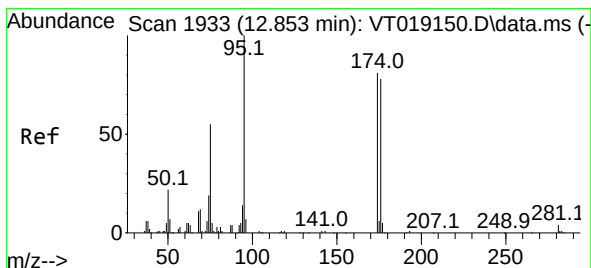
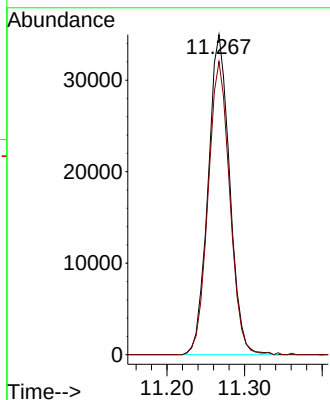
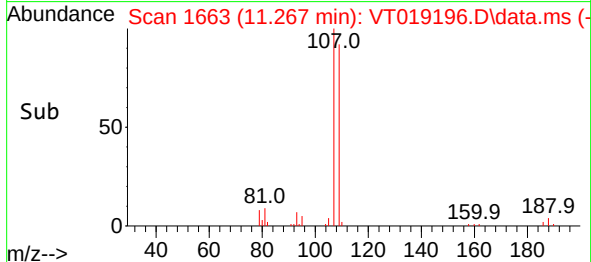
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 6749
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4

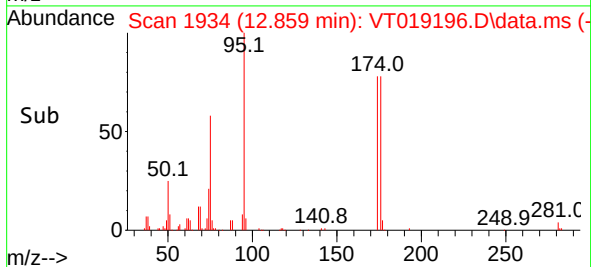
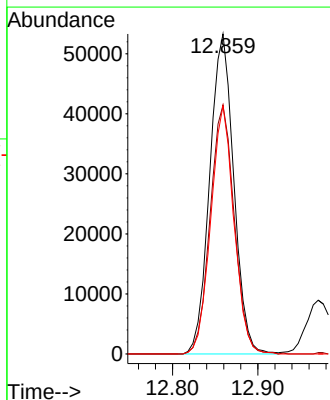
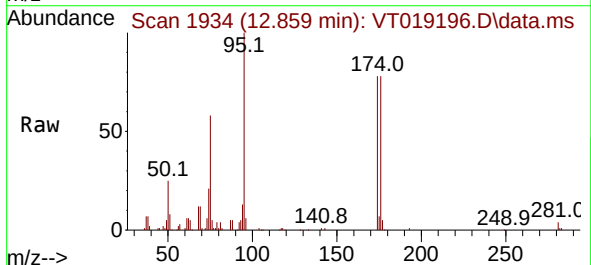
Manual Integrations
APPROVED

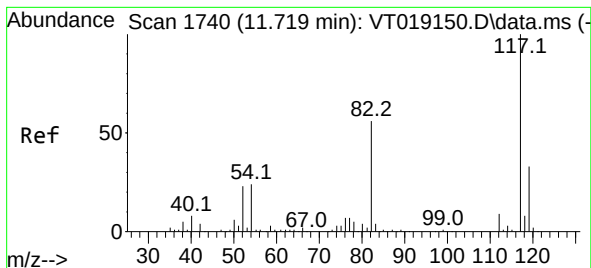
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

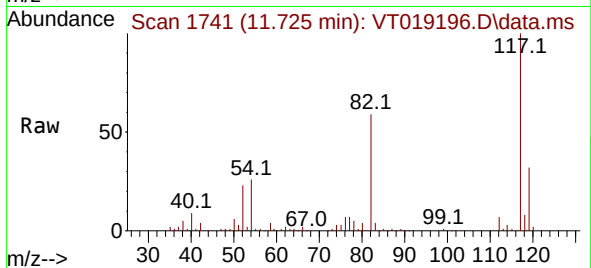
Tgt Ion: 95 Resp: 104513
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.6
176 74.7 0.0 156.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.725 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

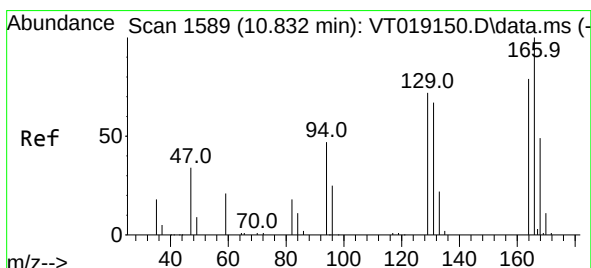
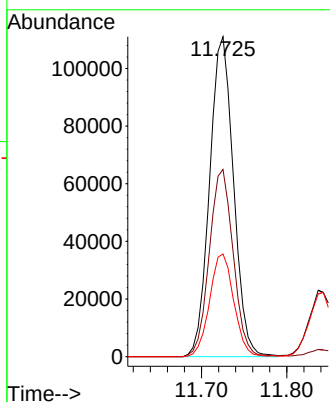
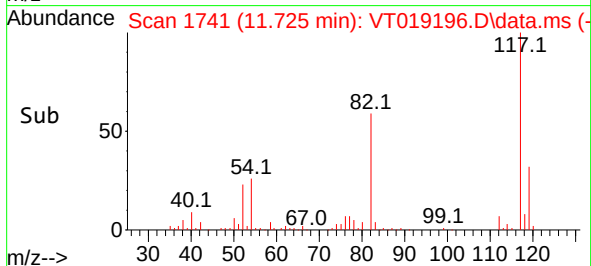
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 21664
Ion Ratio Lower Upper
117 100
82 58.5 45.1 67.7
119 32.1 26.6 40.0

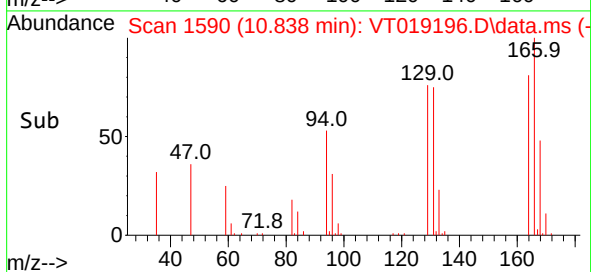
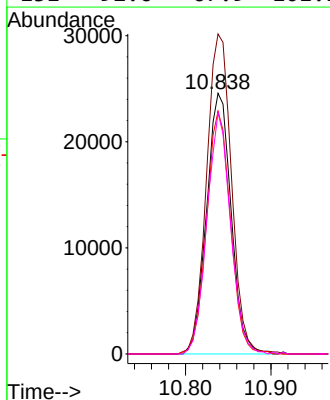
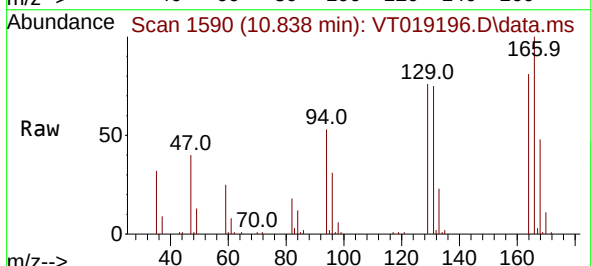
Manual Integrations
APPROVED

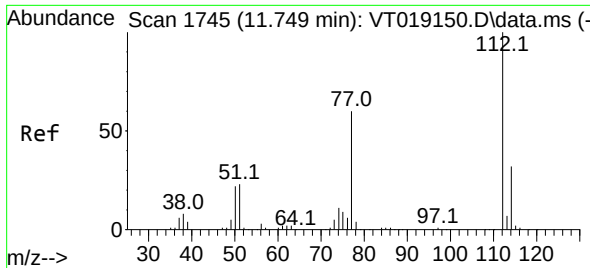
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Tetrachloroethene
Concen: 50.177 ug/l
RT: 10.838 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

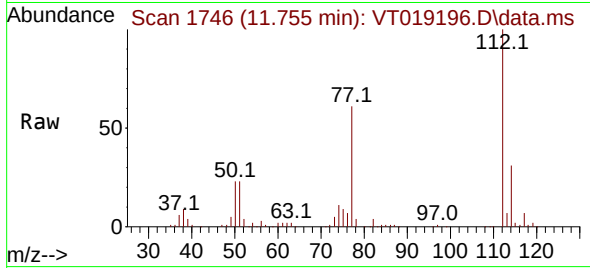
Tgt Ion:164 Resp: 49410
Ion Ratio Lower Upper
164 100
166 122.8 100.9 151.3
129 93.1 72.4 108.6
131 92.6 67.9 101.9





#65
Chlorobenzene
Concen: 49.329 ug/l
RT: 11.755 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

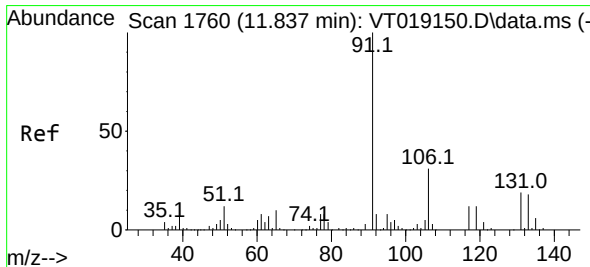
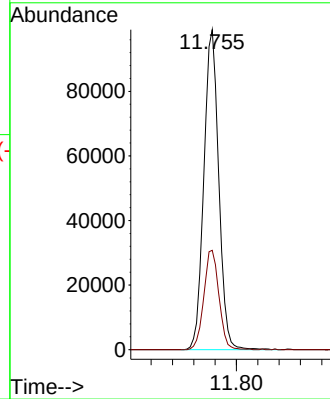
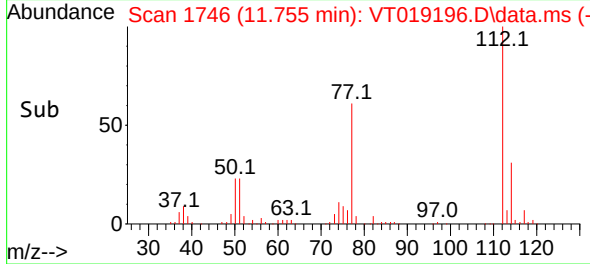
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 191812
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8

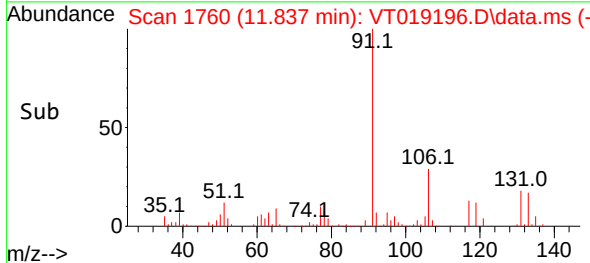
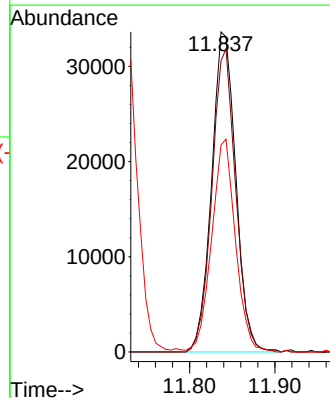
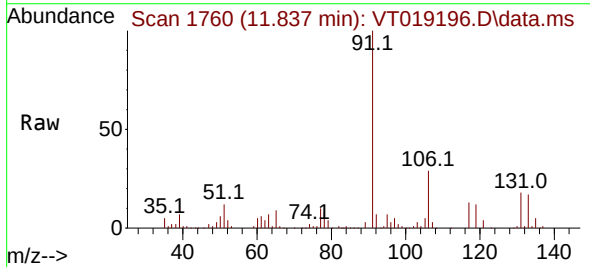
Manual Integrations
APPROVED

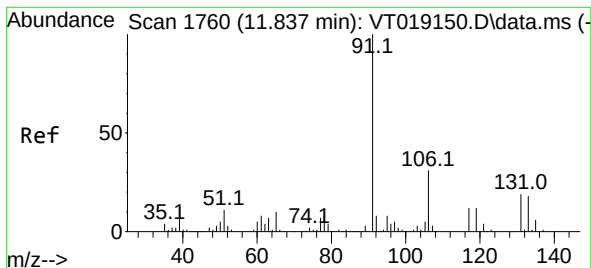
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.672 ug/l
RT: 11.837 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion:131 Resp: 66127
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.3
119 65.6 31.7 95.1





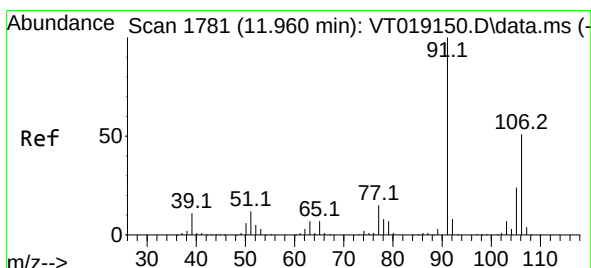
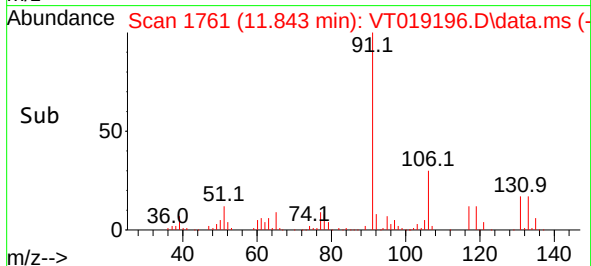
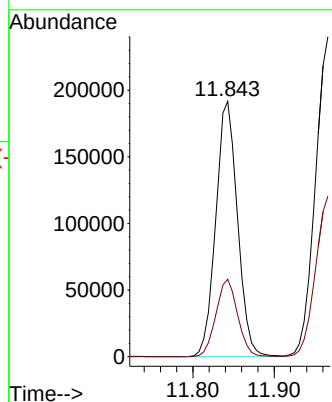
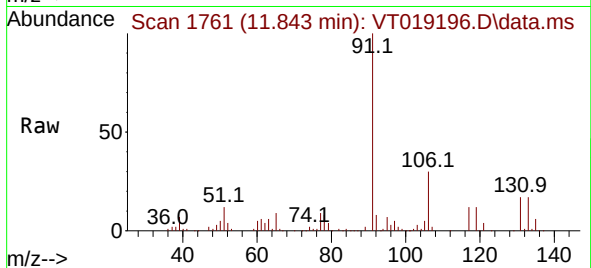
#67
Ethyl Benzene
Concen: 48.975 ug/l
RT: 11.843 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 35604
Ion Ratio Lower Upper
91 100
106 30.3 24.8 37.2

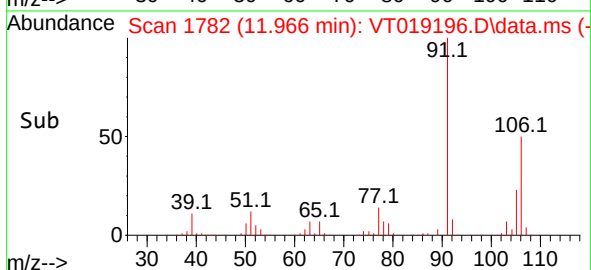
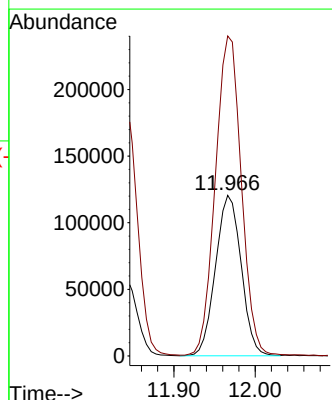
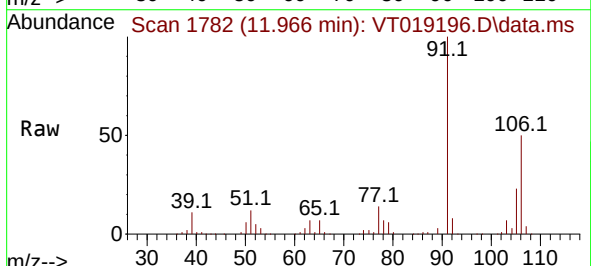
Manual Integrations
APPROVED

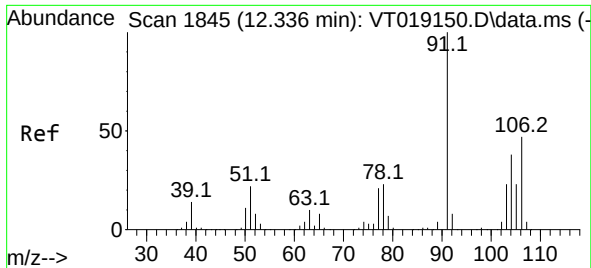
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
m/p-Xylenes
Concen: 98.242 ug/l
RT: 11.966 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion:106 Resp: 263814
Ion Ratio Lower Upper
106 100
91 202.6 161.0 241.6





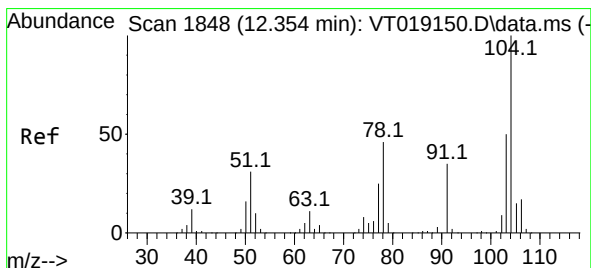
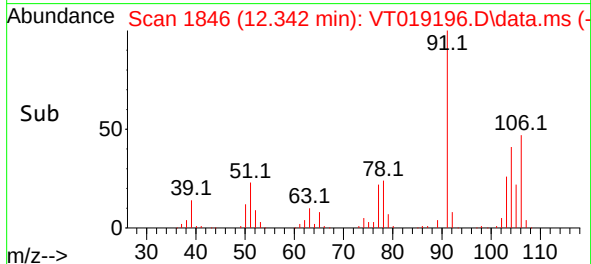
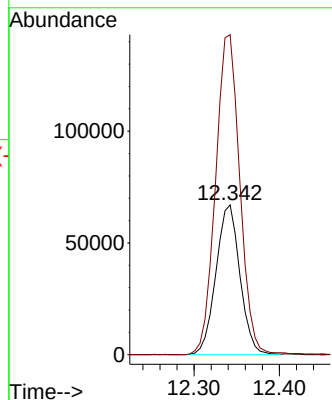
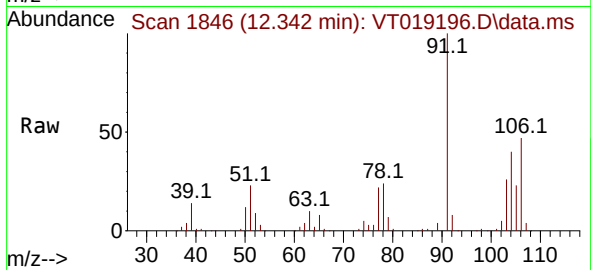
#69
o-Xylene
Concen: 49.028 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 13086
Ion Ratio Lower Upper
106 100
91 216.9 106.5 319.5

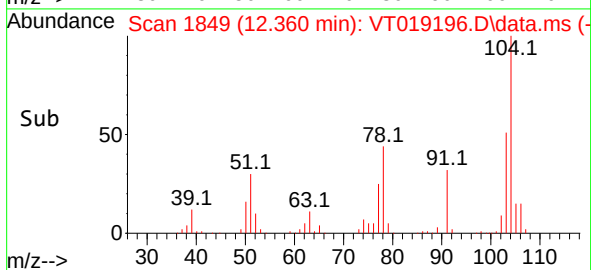
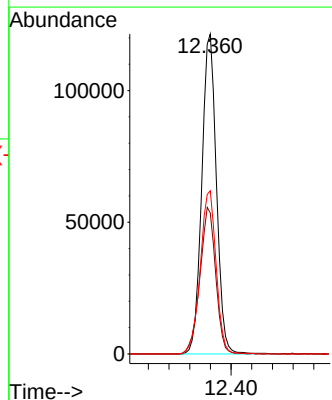
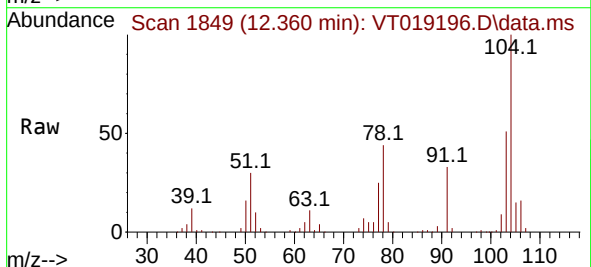
Manual Integrations
APPROVED

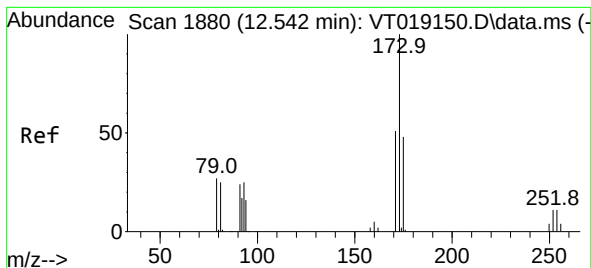
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Styrene
Concen: 49.607 ug/l
RT: 12.360 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion:104 Resp: 238437
Ion Ratio Lower Upper
104 100
78 49.2 40.8 61.2
103 55.3 43.8 65.6





#71

Bromoform

Concen: 52.156 ug/l

RT: 12.548 min Scan# 1881

Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

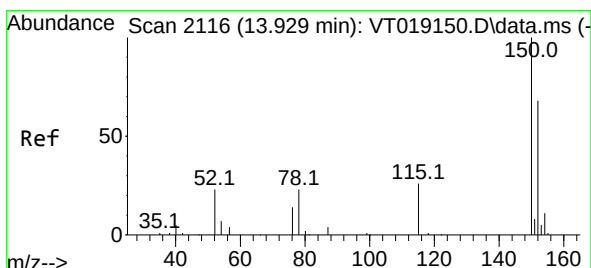
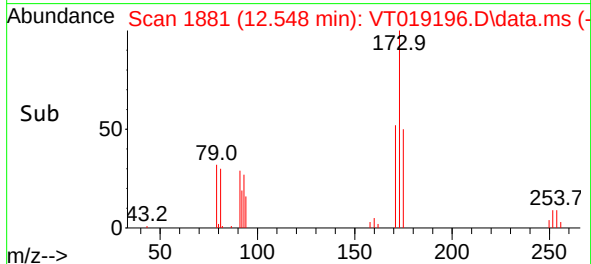
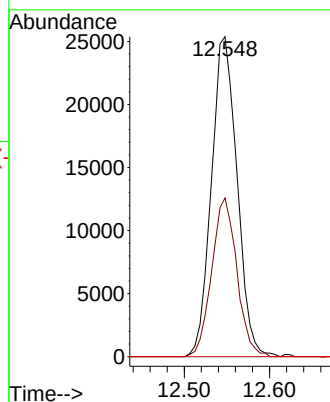
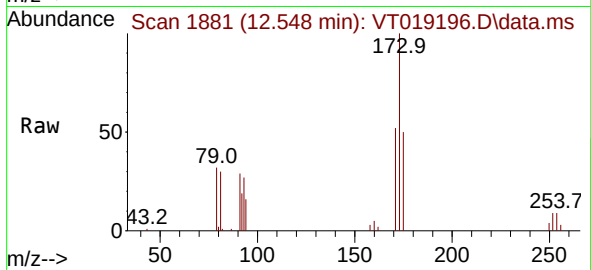
Tgt Ion:173 Resp: 5309
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

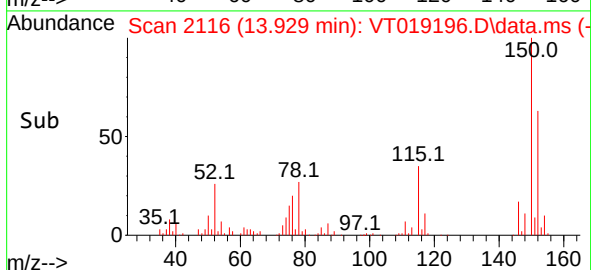
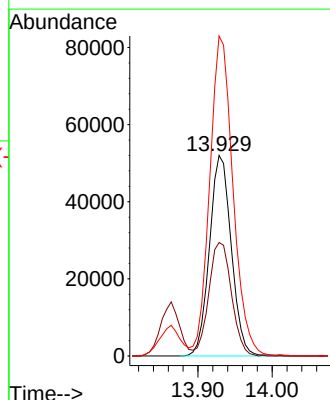
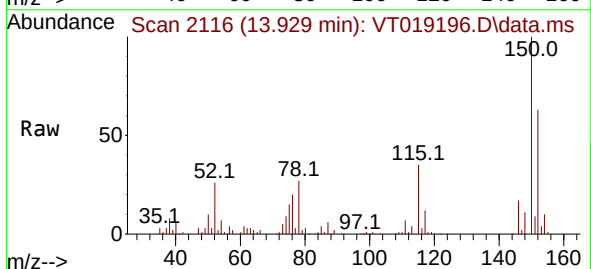
RT: 13.929 min Scan# 2116

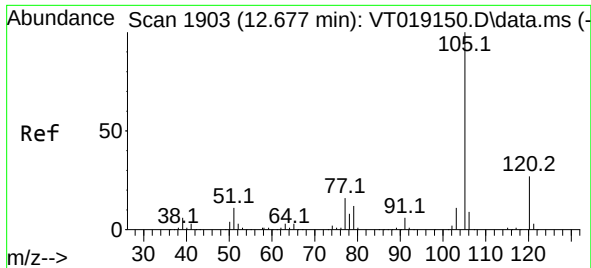
Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Tgt Ion:152 Resp: 106206
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.6 88.9
 150 170.9 0.0 342.6





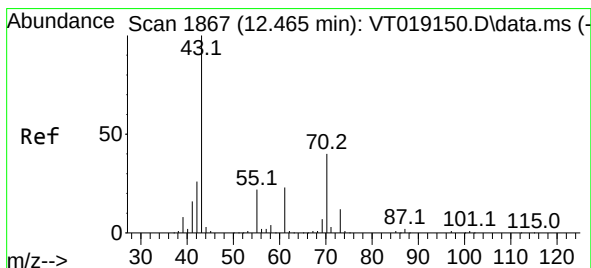
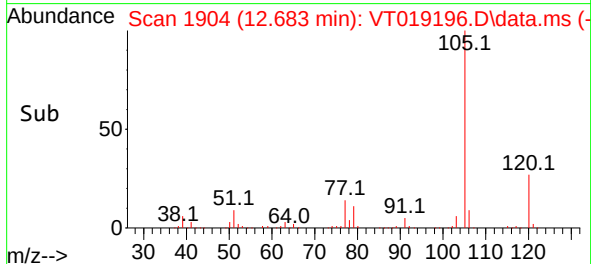
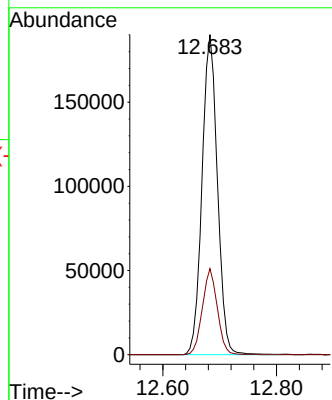
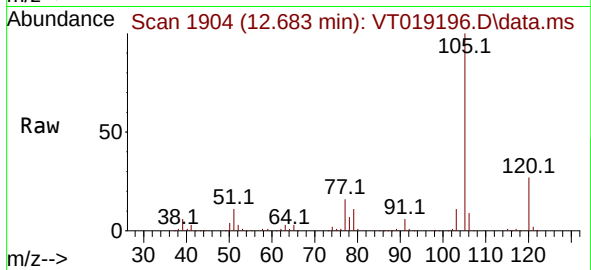
#73
Isopropylbenzene
Concen: 48.746 ug/l
RT: 12.683 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 35640
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

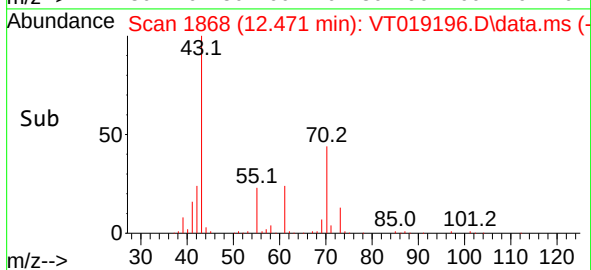
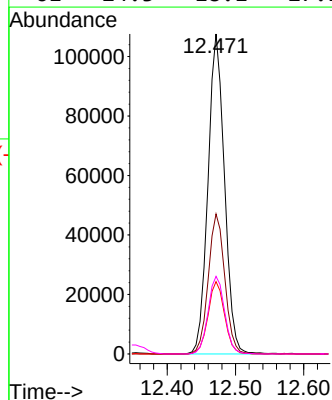
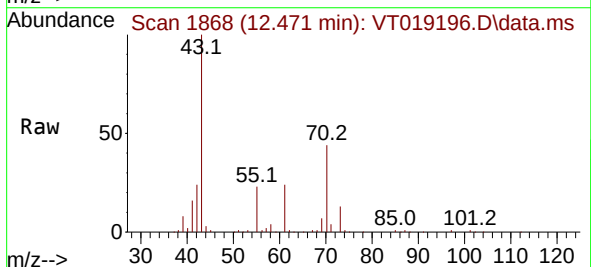
Manual Integrations
APPROVED

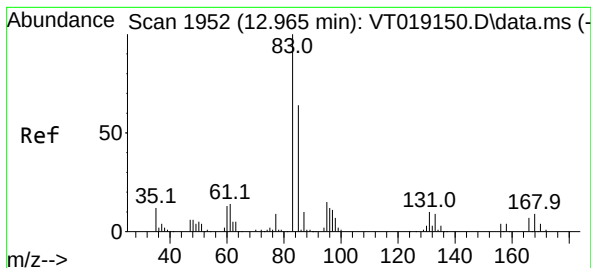
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#74
N-ethyl acetate
Concen: 49.134 ug/l
RT: 12.471 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 43 Resp: 181208
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 22.6 17.4 26.0
61 24.3 18.1 27.1





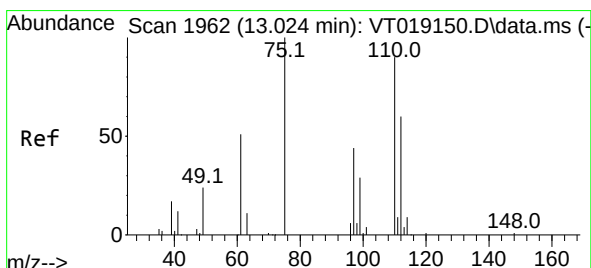
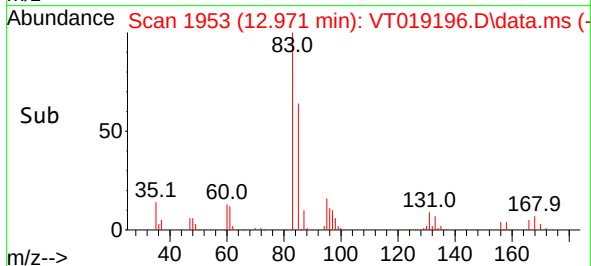
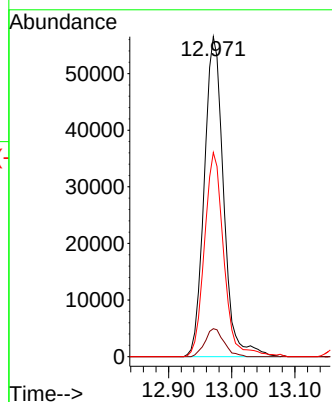
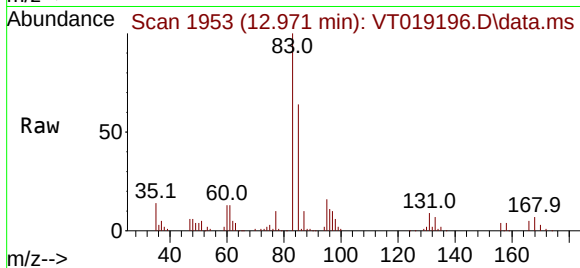
#75
1,1,2,2-Tetrachloroethane
Concen: 47.936 ug/l
RT: 12.971 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 120092
Ion Ratio Lower Upper
83 100
131 8.6 5.2 15.6
85 64.0 32.8 98.4

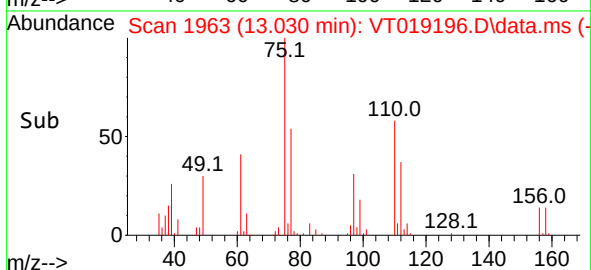
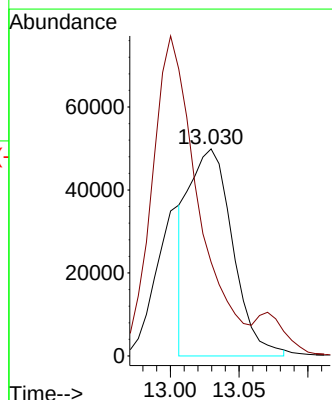
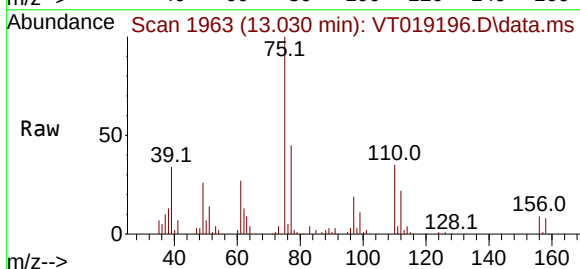
Manual Integrations
APPROVED

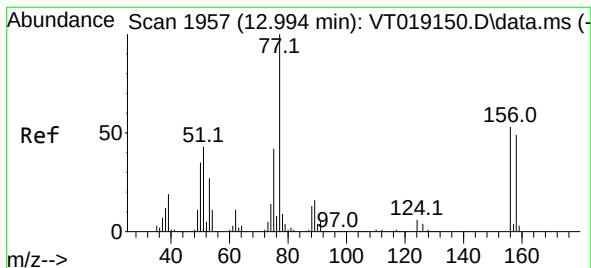
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,2,3-Trichloropropane
Concen: 50.513 ug/l m
RT: 13.030 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion: 75 Resp: 111234
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.386 ug/l

RT: 13.000 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

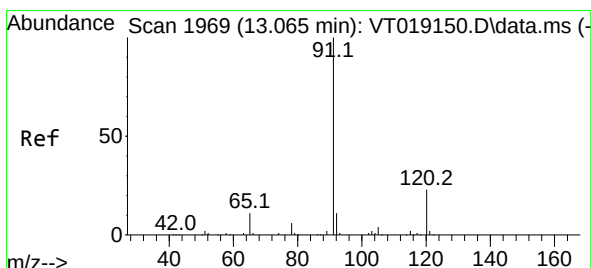
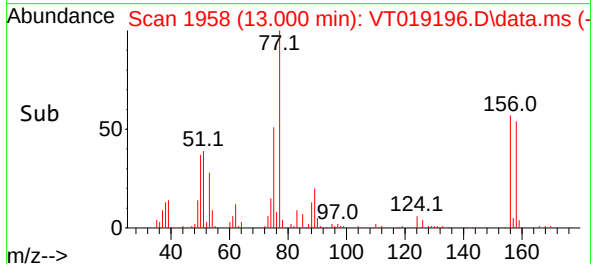
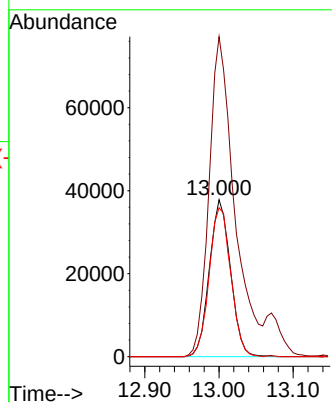
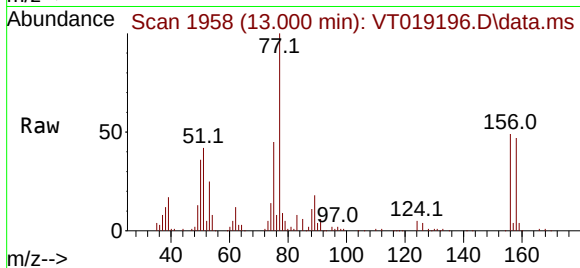
Tgt Ion:156 Resp: 75062
 Ion Ratio Lower Upper
 156 100
 77 243.7 113.1 339.3
 158 96.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#78

n-propylbenzene

Concen: 49.079 ug/l

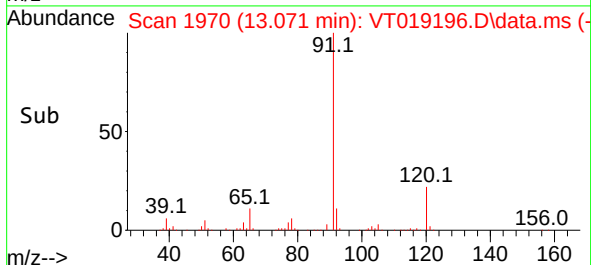
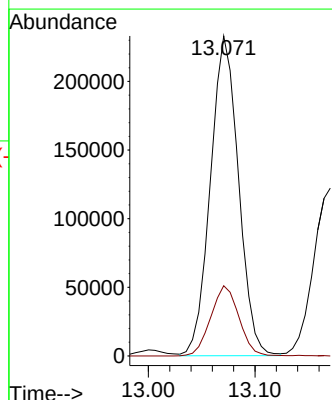
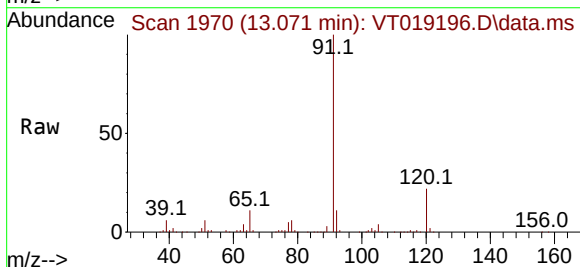
RT: 13.071 min Scan# 1970

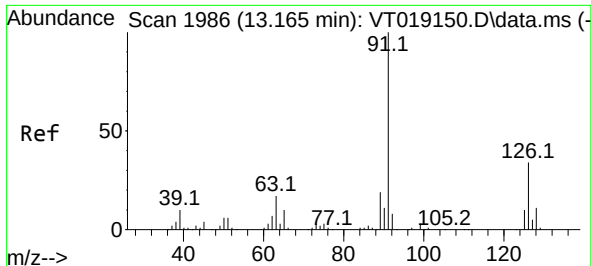
Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Tgt Ion: 91 Resp: 426301
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 48.641 ug/l

RT: 13.171 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VT019196.D

Acq: 29 Oct 2025 10:54

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 242060

Ion Ratio Lower Upper

91 100

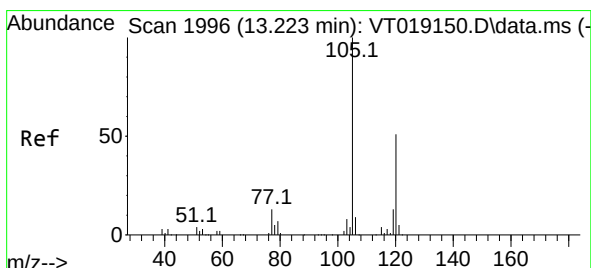
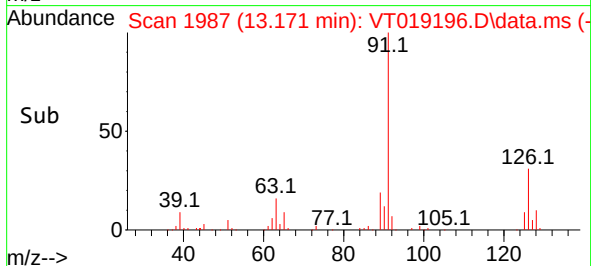
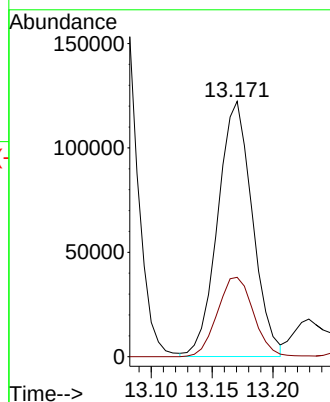
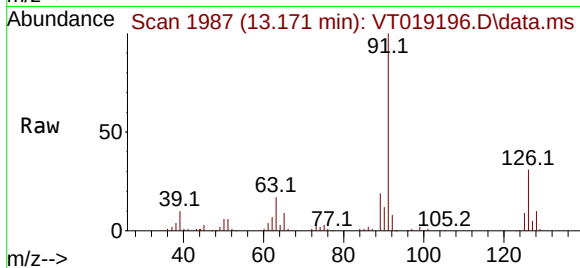
126 32.5 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#80

1,3,5-Trimethylbenzene

Concen: 48.692 ug/l

RT: 13.229 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VT019196.D

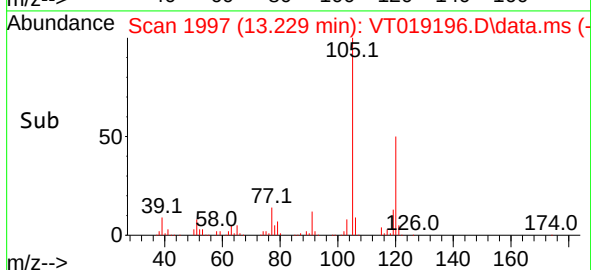
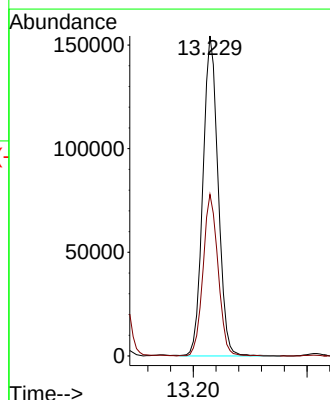
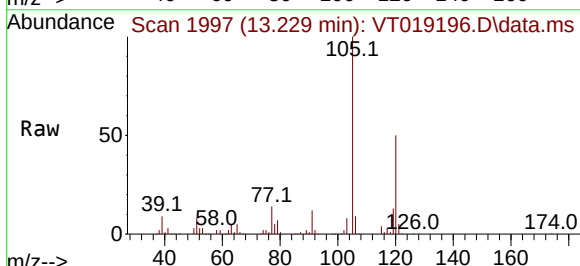
Acq: 29 Oct 2025 10:54

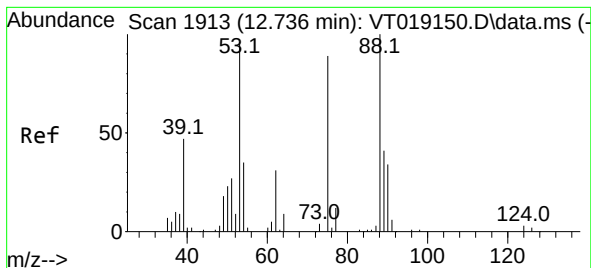
Tgt Ion:105 Resp: 285954

Ion Ratio Lower Upper

105 100

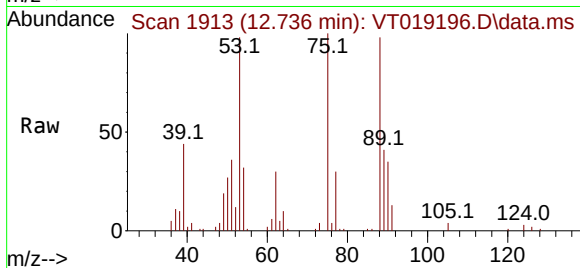
120 49.9 25.5 76.5





#81
trans-1,4-Dichloro-2-butene
Concen: 51.589 ug/l
RT: 12.736 min Scan# 1913
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

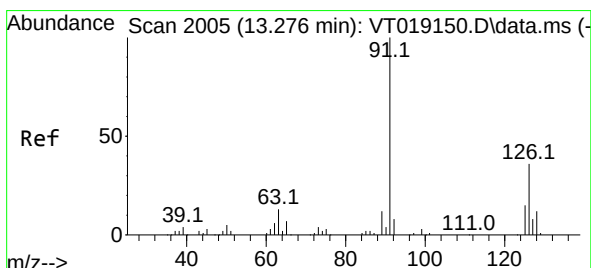
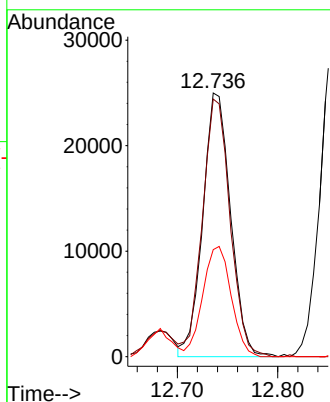
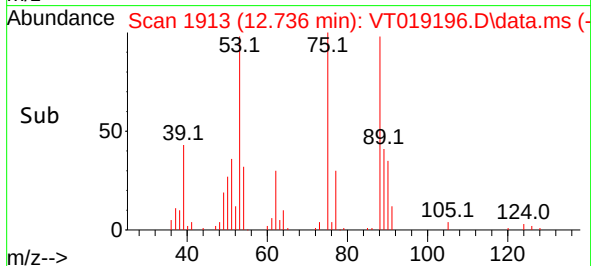
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



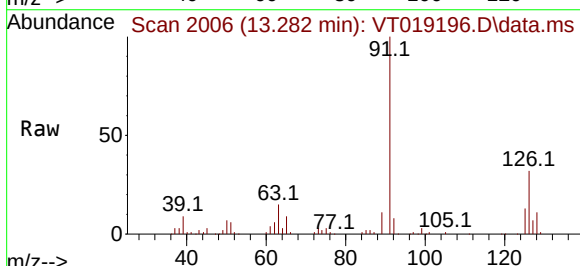
Tgt Ion: 75 Resp: 4805
Ion Ratio Lower Upper
75 100
53 97.5 86.0 129.0
89 42.6 36.3 54.5

Manual Integrations
APPROVED

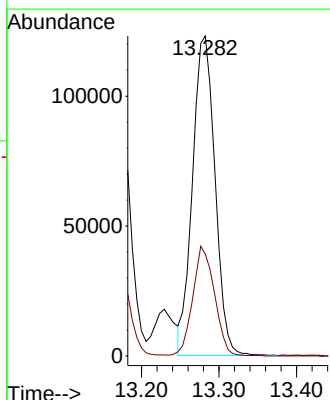
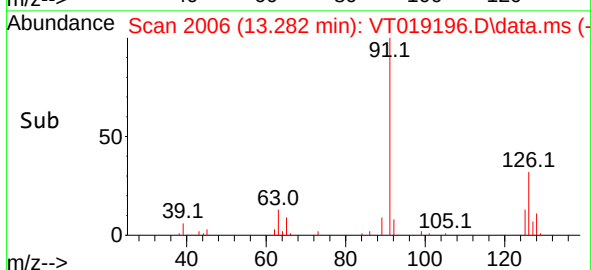
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

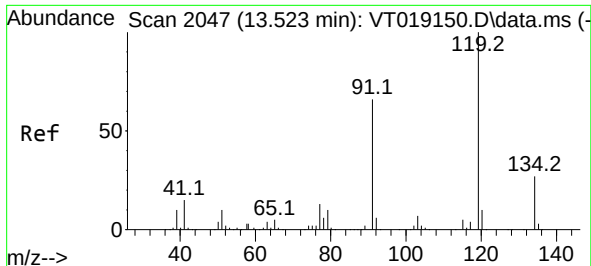


#82
4-Chlorotoluene
Concen: 48.926 ug/l
RT: 13.282 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



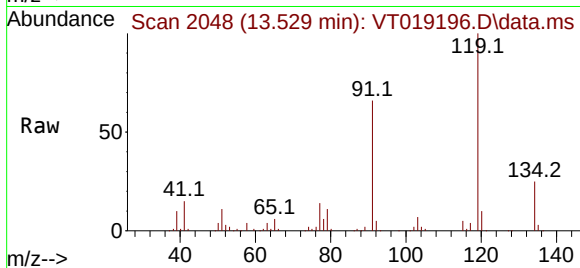
Tgt Ion: 91 Resp: 247769
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.7





#83
 tert-Butylbenzene
 Concen: 48.742 ug/l
 RT: 13.529 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

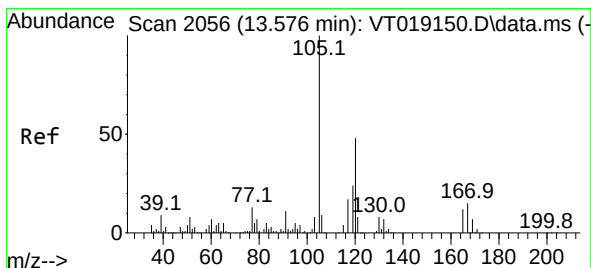
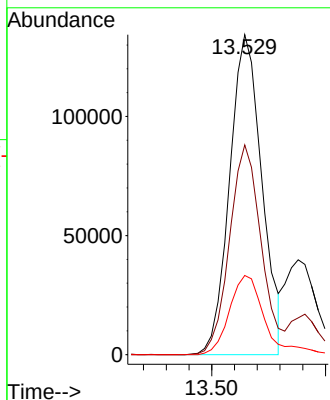
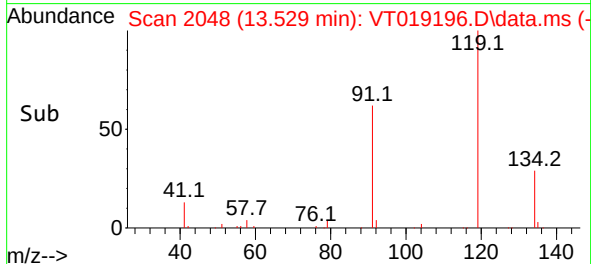
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050



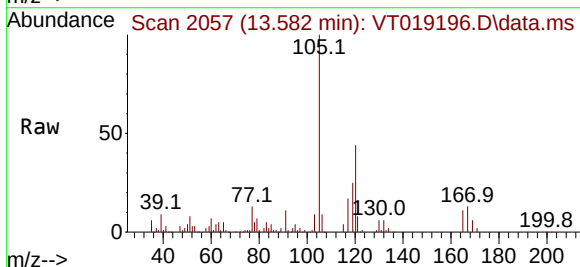
Tgt Ion:119 Resp: 26494
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.9 98.6
 134 27.0 14.8 44.3

Manual Integrations
 APPROVED

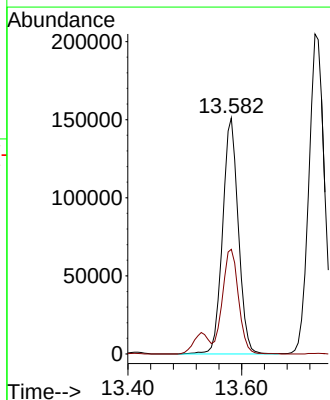
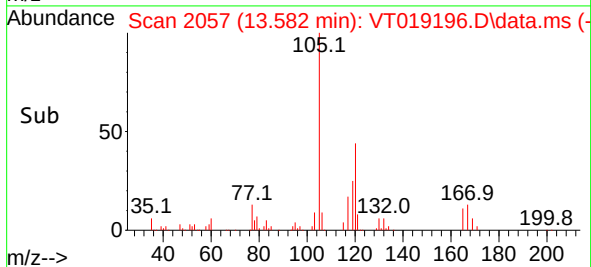
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

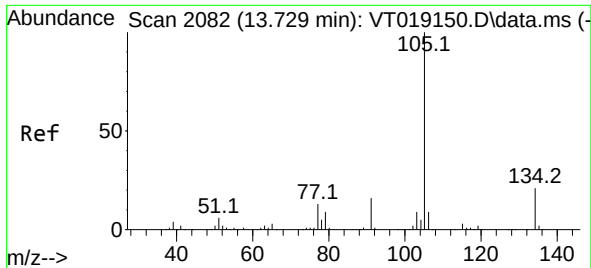


#84
 1,2,4-Trimethylbenzene
 Concen: 48.651 ug/l
 RT: 13.582 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54



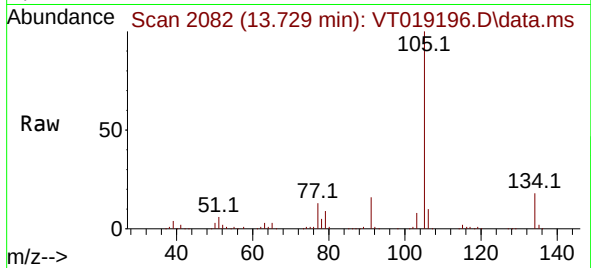
Tgt Ion:105 Resp: 290166
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.7 71.1





#85
 sec-Butylbenzene
 Concen: 49.284 ug/l
 RT: 13.729 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54

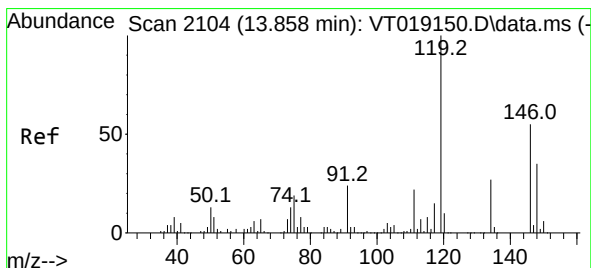
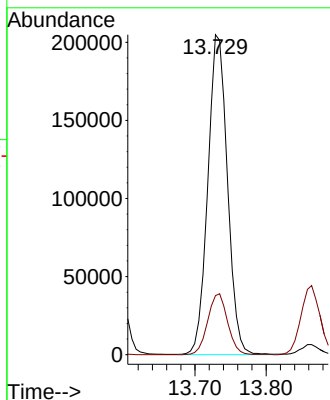
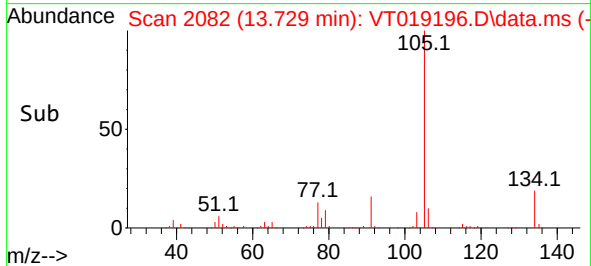
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050



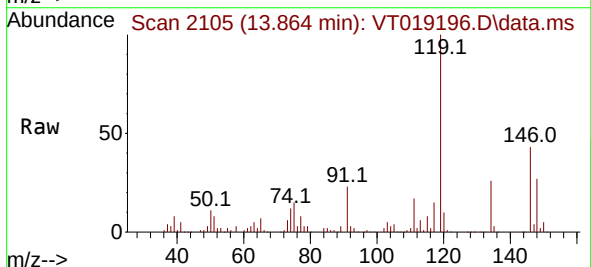
Tgt Ion:105 Resp: 392935
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.7 32.1

Manual Integrations
 APPROVED

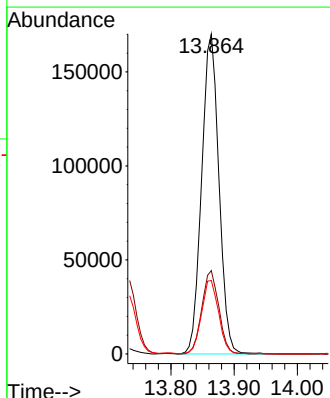
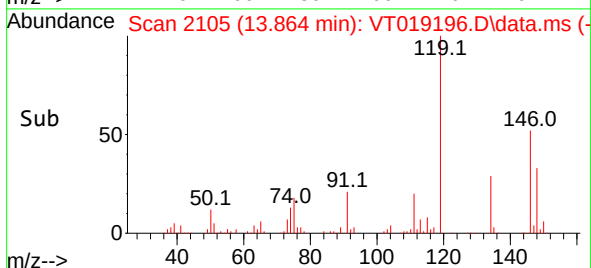
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

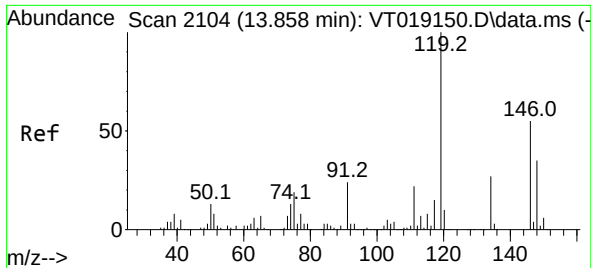


#86
 p-Isopropyltoluene
 Concen: 48.471 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.000 min
 Lab File: VT019196.D
 Acq: 29 Oct 2025 10:54



Tgt Ion:119 Resp: 322656
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.1
 91 22.5 11.7 35.1





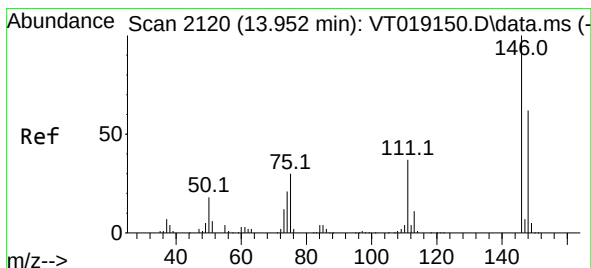
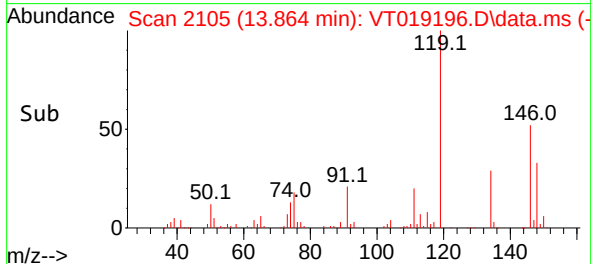
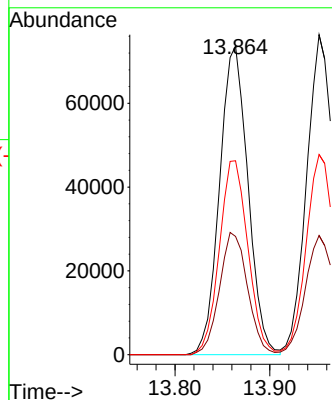
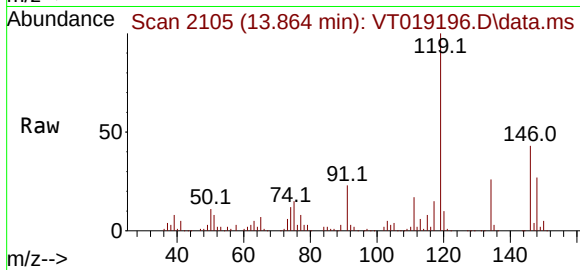
#87
1,3-Dichlorobenzene
Concen: 48.163 ug/l
RT: 13.864 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 153290
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 63.2 32.1 96.3

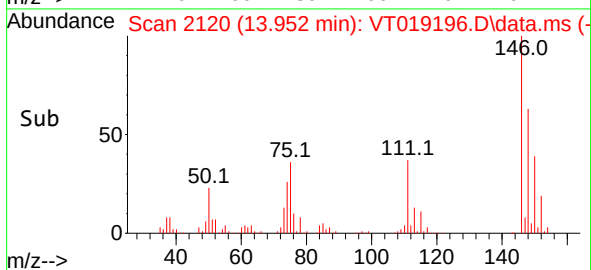
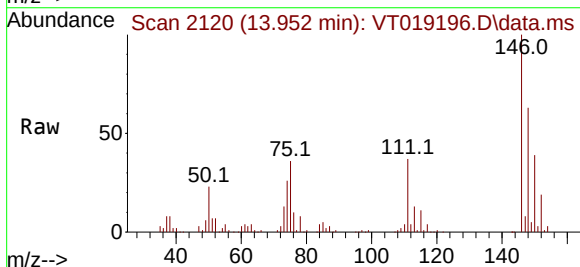
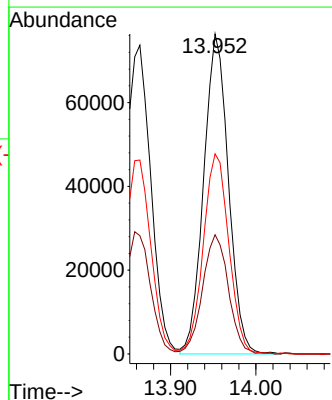
Manual Integrations
APPROVED

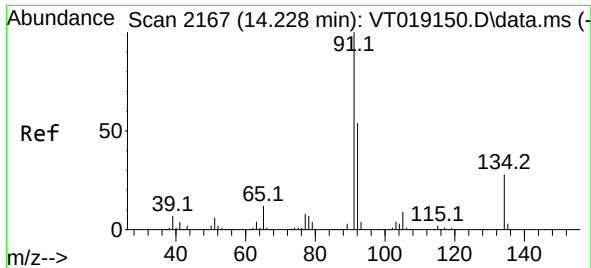
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#88
1,4-Dichlorobenzene
Concen: 48.031 ug/l
RT: 13.952 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Tgt Ion:146 Resp: 153995
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.8
148 64.8 31.8 95.4





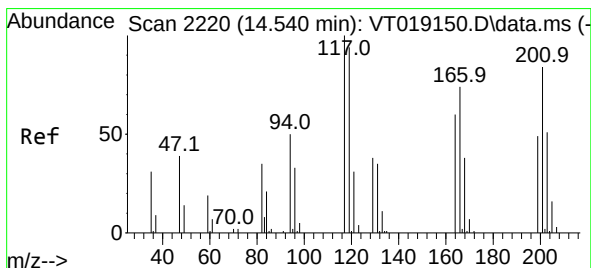
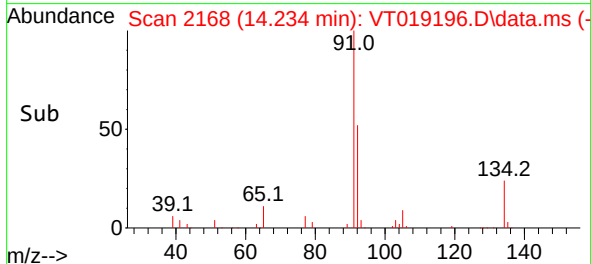
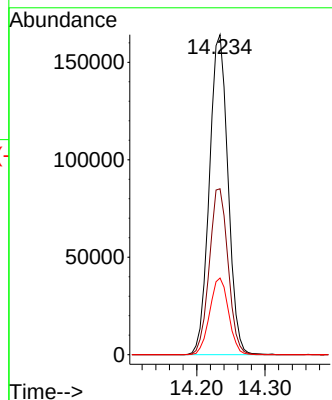
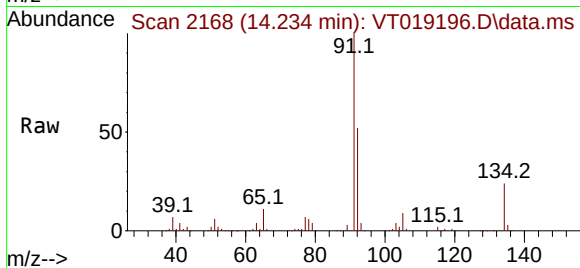
#89
n-Butylbenzene
Concen: 50.717 ug/l
RT: 14.234 min Scan# 2168
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 31184
Ion Ratio Lower Upper
91 100
92 52.3 27.1 81.2
134 24.2 13.7 41.0

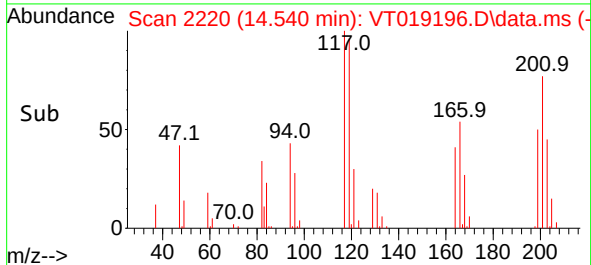
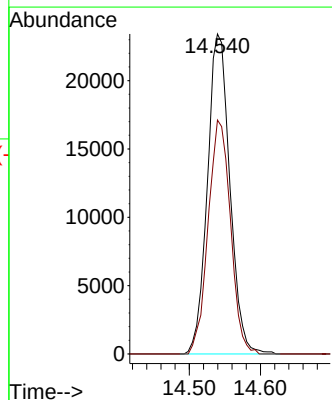
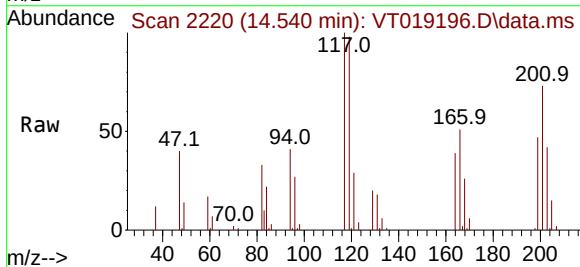
Manual Integrations
APPROVED

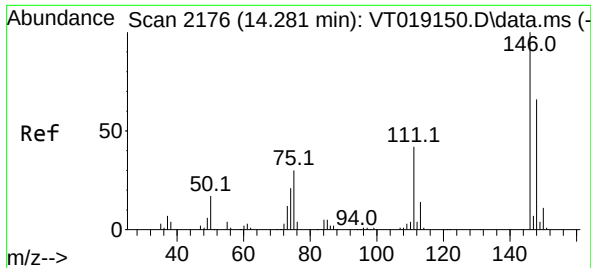
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachloroethane
Concen: 50.028 ug/l
RT: 14.540 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

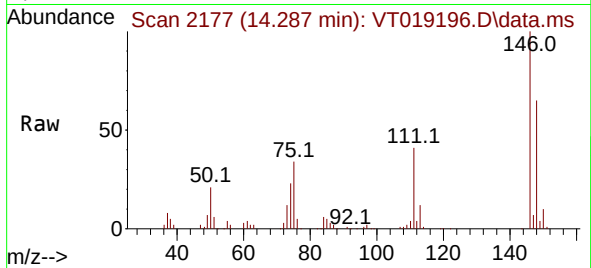
Tgt Ion:117 Resp: 51378
Ion Ratio Lower Upper
117 100
201 72.7 39.7 119.1





#91
1,2-Dichlorobenzene
Concen: 48.558 ug/l
RT: 14.287 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

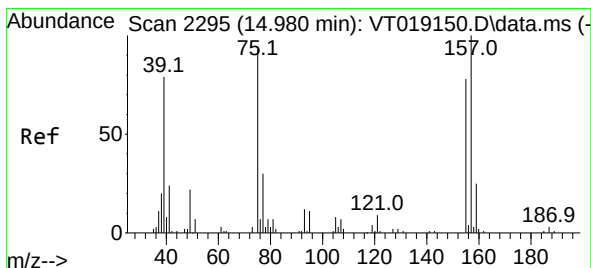
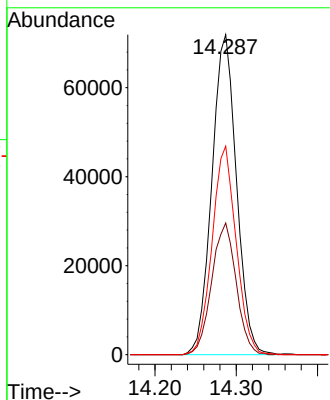
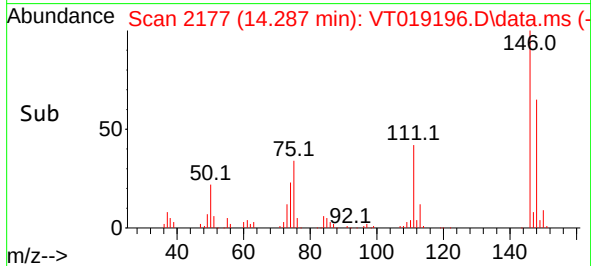
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



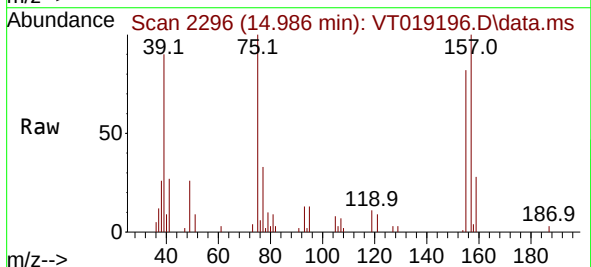
Tgt Ion:146 Resp: 151409
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.8 32.6 97.8

Manual Integrations
APPROVED

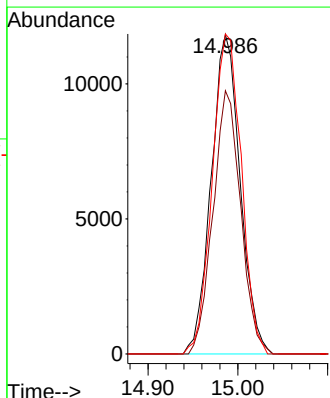
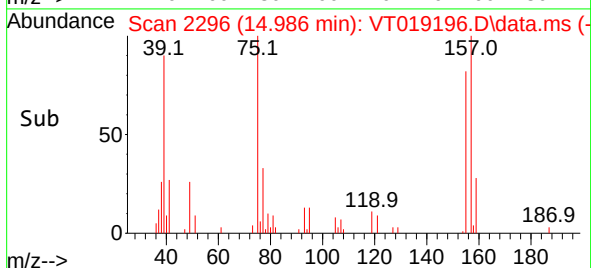
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

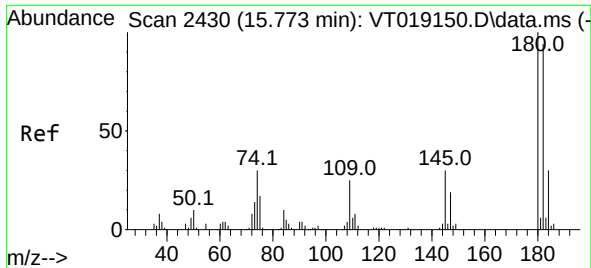


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.997 ug/l
RT: 14.986 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



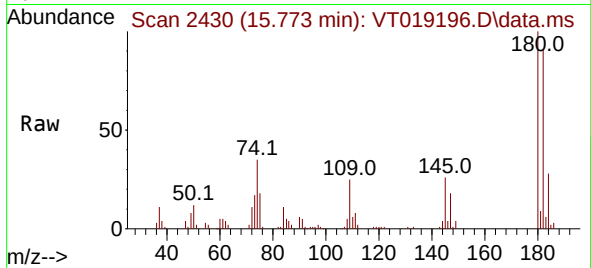
Tgt Ion: 75 Resp: 26472
Ion Ratio Lower Upper
75 100
155 78.9 42.9 128.7
157 100.3 54.9 164.8





#93
1,2,4-Trichlorobenzene
Concen: 49.503 ug/l
RT: 15.773 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

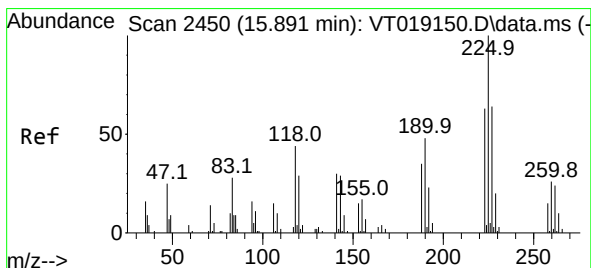
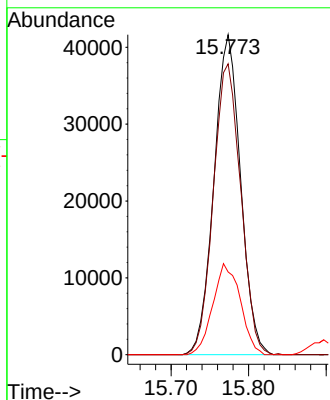
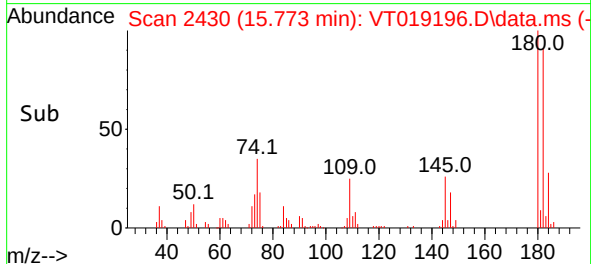
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



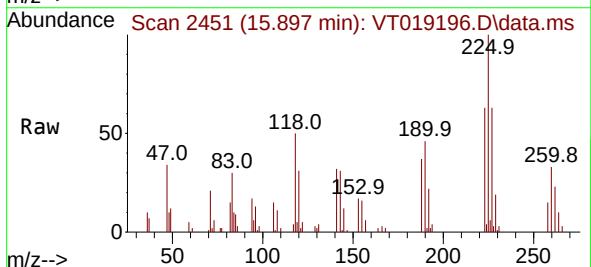
Tgt Ion:180 Resp: 9927
Ion Ratio Lower Upper
180 100
182 93.5 47.0 141.0
145 29.4 15.0 45.0

Manual Integrations
APPROVED

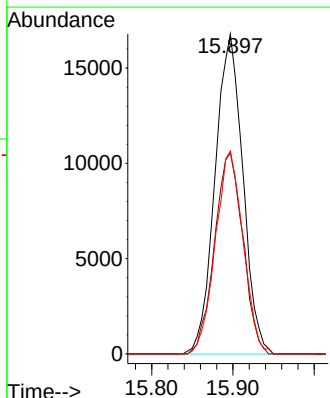
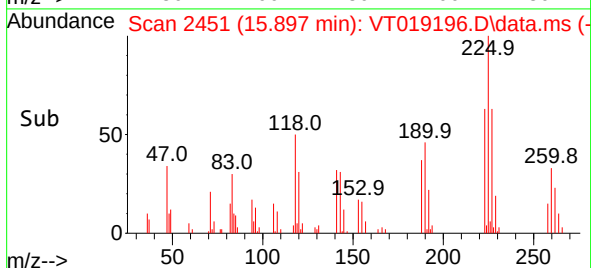
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

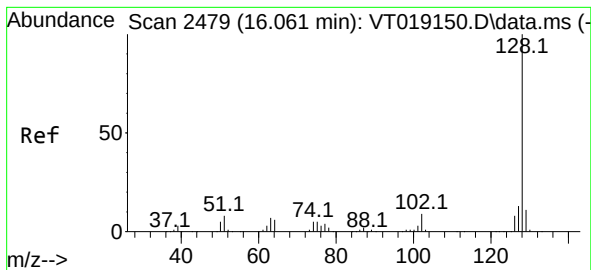


#94
Hexachlorobutadiene
Concen: 48.254 ug/l
RT: 15.897 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



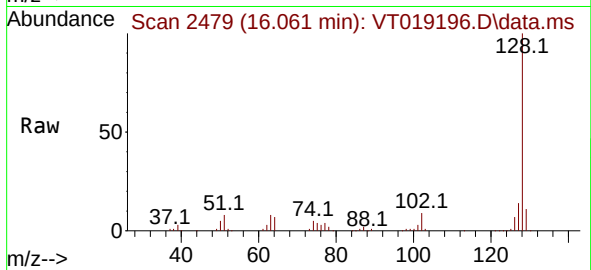
Tgt Ion:225 Resp: 39912
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.5
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 48.600 ug/l
RT: 16.061 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54

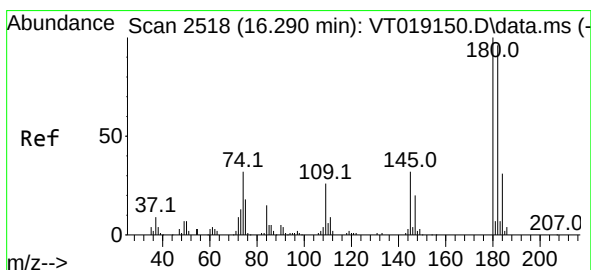
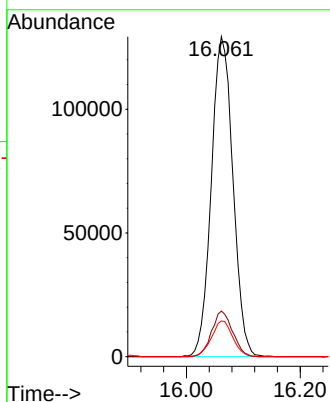
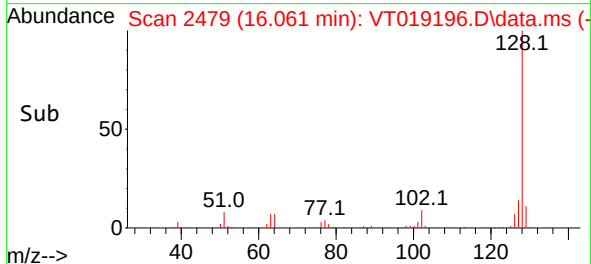
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050



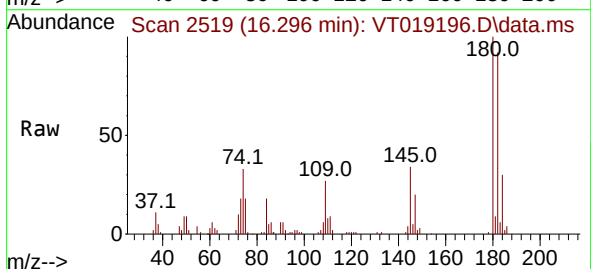
Tgt Ion:128 Resp: 34126
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.017 ug/l
RT: 16.296 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VT019196.D
Acq: 29 Oct 2025 10:54



Tgt Ion:180 Resp: 96982
Ion Ratio Lower Upper
180 100
182 92.7 47.6 142.8
145 32.0 15.8 47.4

