

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019216.D
 Acq On : 30 Oct 2025 13:46
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 02:05:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 02:02:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.601	168	133165	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.594	114	224696	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.766	117	186961	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.976	152	88377	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	107639	50.253	ug/l	0.05
Spiked Amount 50.000			Recovery	=	100.500%	
35) Dibromofluoromethane	7.524	113	72769	51.205	ug/l	0.06
Spiked Amount 50.000			Recovery	=	102.400%	
50) Toluene-d8	10.268	98	285984	49.554	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.100%	
62) 4-Bromofluorobenzene	12.900	95	89704	49.443	ug/l	0.04
Spiked Amount 50.000			Recovery	=	98.880%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.884	85	1824	2.326	ug/l	87
3) Chloromethane	2.125	50	3807m	3.150	ug/l	
4) Vinyl Chloride	2.207	62	3901	2.523	ug/l #	88
5) Bromomethane	2.559	94	3998	4.801	ug/l	85
6) Chloroethane	2.695	64	3437	2.450	ug/l	99
7) Trichlorofluoromethane	3.000	101	6974	2.436	ug/l	97
8) Diethyl Ether	3.376	74	3745	2.728	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.693	101	3358	2.418	ug/l #	81
10) Methyl Iodide	3.887	142	1745	1.552	ug/l #	83
11) Tert butyl alcohol	4.704	59	8569	18.821	ug/l #	91
12) 1,1-Dichloroethene	3.682	96	2989	2.329	ug/l #	83
13) Acrolein	3.564	56	1497	19.274	ug/l	99
14) Allyl chloride	4.240	41	6280	2.482	ug/l #	84
15) Acrylonitrile	4.869	53	16648	14.993	ug/l	97
16) Acetone	3.758	43	25261	17.295	ug/l	96
17) Carbon Disulfide	3.975	76	5330	3.056	ug/l #	75
18) Methyl Acetate	4.240	43	7214	1.914	ug/l	99
19) Methyl tert-butyl Ether	4.933	73	15965	2.755	ug/l #	89
20) Methylene Chloride	4.463	84	4723	3.298	ug/l	94
21) trans-1,2-Dichloroethene	4.927	96	2862	2.619	ug/l #	74
22) Diisopropyl ether	5.838	45	15321	2.550	ug/l	97
23) Vinyl Acetate	5.773	43	62750	14.620	ug/l	99
24) 1,1-Dichloroethane	5.726	63	7816	2.781	ug/l #	84
25) 2-Butanone	6.725	43	26298	16.052	ug/l	90
26) 2,2-Dichloropropane	6.708	77	6087	2.510	ug/l	96
27) cis-1,2-Dichloroethene	6.708	96	4150	2.706	ug/l	98
28) Bromochloromethane	7.101	49	71	0.047	ug/l #	20
29) Tetrahydrofuran	7.131	42	13648	14.318	ug/l #	88
30) Chloroform	7.289	83	6402	2.433	ug/l	87
31) Cyclohexane	7.595	56	8373	4.006	ug/l #	54
32) 1,1,1-Trichloroethane	7.495	97	5368	2.563	ug/l	97
36) 1,1-Dichloropropene	7.730	75	4408	2.758	ug/l	91
37) Ethyl Acetate	6.825	43	8735	3.210	ug/l #	94
38) Carbon Tetrachloride	7.718	117	3565	2.453	ug/l	87
39) Methylcyclohexane	9.140	83	4546	2.574	ug/l	92
40) Benzene	8.000	78	15036	2.779	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	3983	2.909	ug/l	98
42) 1,2-Dichloroethane	8.094	62	5521	2.903	ug/l	90
43) Isopropyl Acetate	8.141	43	12236	2.828	ug/l #	91
44) Trichloroethene	8.870	130	3075	2.907	ug/l	91
45) 1,2-Dichloropropane	9.181	63	3738	2.715	ug/l #	76
46) Dibromomethane	9.275	93	2035	2.456	ug/l	94
47) Bromodichloromethane	9.498	83	4908	2.627	ug/l #	86
48) Methyl methacrylate	9.275	41	5417	2.787	ug/l	92
49) 1,4-Dioxane	9.281	88	2322	63.608	ug/l	97
51) 4-Methyl-2-Pentanone	10.151	43	37137	14.250	ug/l	96
52) Toluene	10.345	92	8490	2.746	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	5698	2.818	ug/l	91
54) cis-1,3-Dichloropropene	9.986	75	5578	2.664	ug/l	93
55) 1,1,2-Trichloroethane	10.809	97	3621	2.969	ug/l #	89
56) Ethyl methacrylate	10.650	69	6495	2.771	ug/l	89
57) 1,3-Dichloropropane	10.967	76	6109	2.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.822	63	11226	17.799	ug/l	95
59) 2-Hexanone	11.020	43	29982	15.187	ug/l	96
60) Dibromochloromethane	11.197	129	3244	2.638	ug/l	100
61) 1,2-Dibromoethane	11.314	107	3193	2.812	ug/l	99
64) Tetrachloroethene	10.885	164	2372	2.791	ug/l	93
65) Chlorobenzene	11.796	112	9566	2.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.884	131	2865	2.494	ug/l	89
67) Ethyl Benzene	11.884	91	15991	2.549	ug/l	94
68) m/p-Xylenes	12.007	106	11671	5.036	ug/l	95
69) o-Xylene	12.383	106	5873	2.550	ug/l	90
70) Styrene	12.401	104	10572	2.549	ug/l	95
71) Bromoform	12.589	173	2240	2.550	ug/l #	96
73) Isopropylbenzene	12.724	105	15586	2.562	ug/l	99
74) N-amyl acetate	12.513	43	8520	2.776	ug/l	92
75) 1,1,2,2-Tetrachloroethane	13.018	83	5972	2.865	ug/l	99
76) 1,2,3-Trichloropropane	13.071	75	5188m	2.853	ug/l	
77) Bromobenzene	13.047	156	3664	2.838	ug/l	90
78) n-propylbenzene	13.112	91	19350	2.677	ug/l	98
79) 2-Chlorotoluene	13.218	91	11255	2.718	ug/l	98
80) 1,3,5-Trimethylbenzene	13.271	105	13097	2.680	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.783	75	1788	2.307	ug/l	99
82) 4-Chlorotoluene	13.323	91	11868	2.816	ug/l	97
83) tert-Butylbenzene	13.576	119	12494	2.762	ug/l	97
84) 1,2,4-Trimethylbenzene	13.623	105	12849	2.589	ug/l	100
85) sec-Butylbenzene	13.776	105	17997	2.713	ug/l	95
86) p-Isopropyltoluene	13.905	119	14828	2.677	ug/l	96
87) 1,3-Dichlorobenzene	13.905	146	7766	2.932	ug/l	99
88) 1,4-Dichlorobenzene	13.993	146	7962	2.984	ug/l	88
89) n-Butylbenzene	14.275	91	12554	2.454	ug/l	97
90) Hexachloroethane	14.587	117	2115	2.475	ug/l	84
91) 1,2-Dichlorobenzene	14.334	146	7187	2.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.039	75	1225	2.725	ug/l	94
93) 1,2,4-Trichlorobenzene	15.826	180	4848	2.905	ug/l	97
94) Hexachlorobutadiene	15.956	225	2287	3.323	ug/l	85
95) Naphthalene	16.114	128	18468	3.161	ug/l	97
96) 1,2,3-Trichlorobenzene	16.349	180	4856	2.949	ug/l	97

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ClientSampleId :
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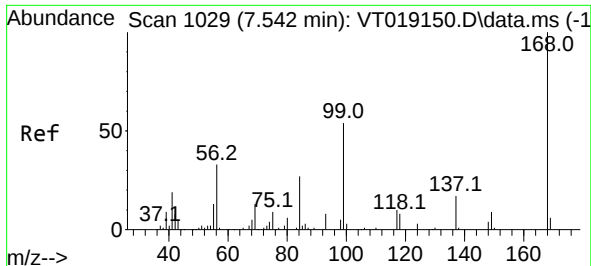
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

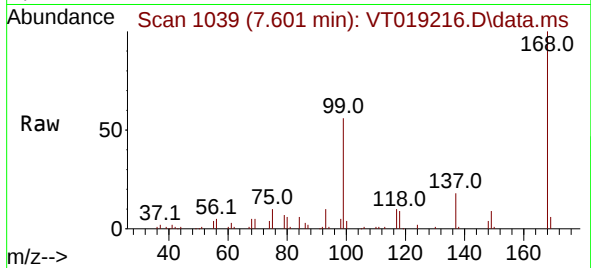
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.601 min Scan# 1029
Delta R.T. 0.053 min
Lab File: VT019216.D
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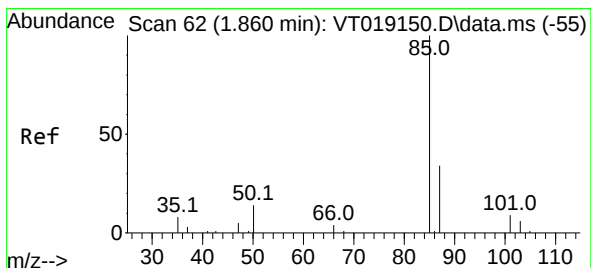
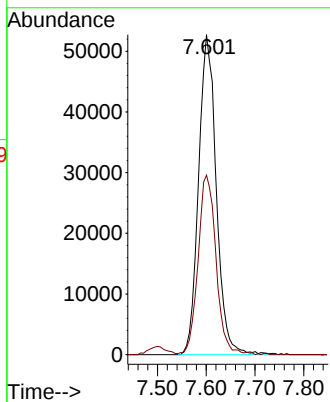
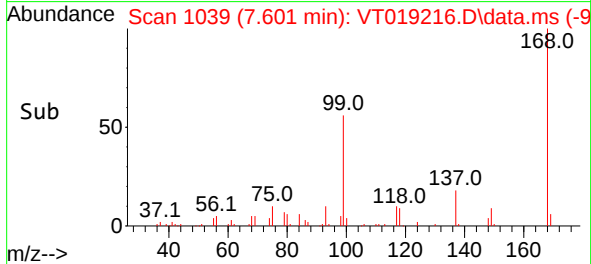
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 13316
Ion Ratio Lower Upper
168 100
99 56.1 46.6 70.0

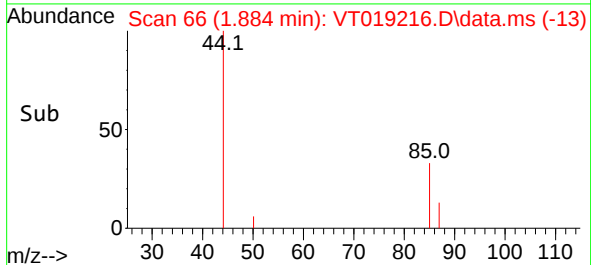
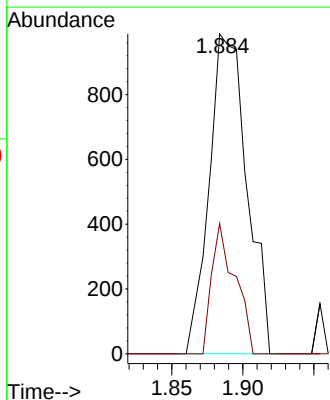
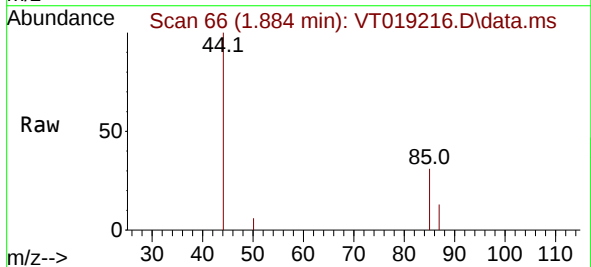
Manual Integrations
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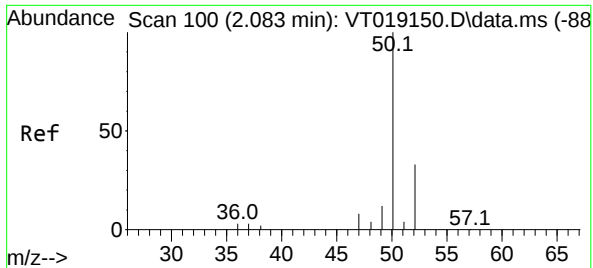
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#2
Dichlorodifluoromethane
Concen: 2.326 ug/l
RT: 1.884 min Scan# 66
Delta R.T. 0.012 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

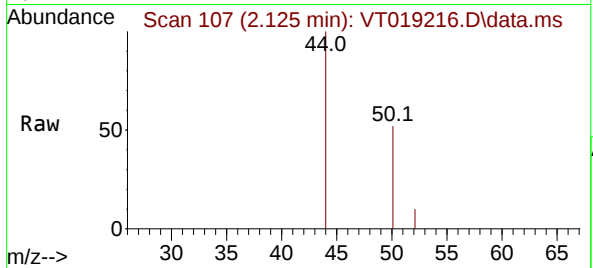
Tgt Ion: 85 Resp: 1824
Ion Ratio Lower Upper
85 100
87 40.7 16.8 50.4





#3
Chloromethane
Concen: 3.150 ug/l m
RT: 2.125 min Scan# 107
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

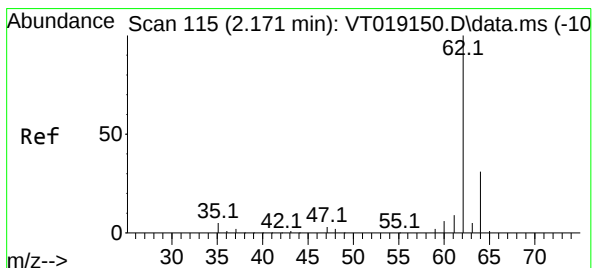
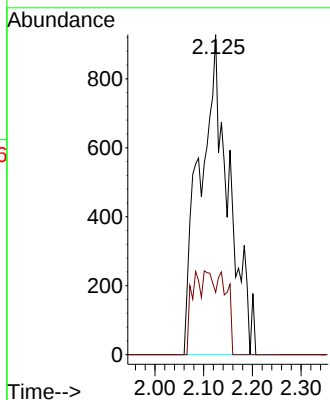
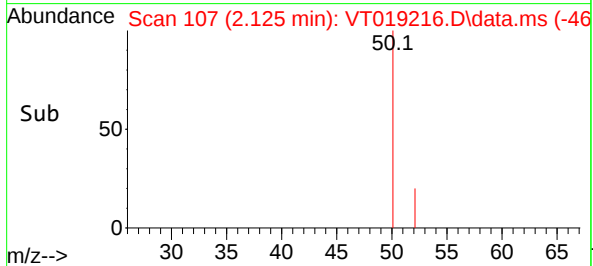
Instrument :
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ClientSampleId :
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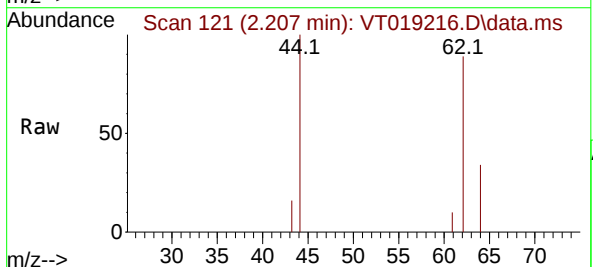
Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 19.5 26.5 39.7

Manual Integrations
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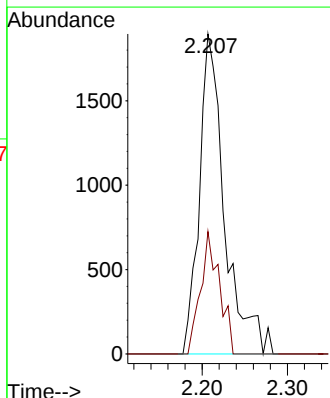
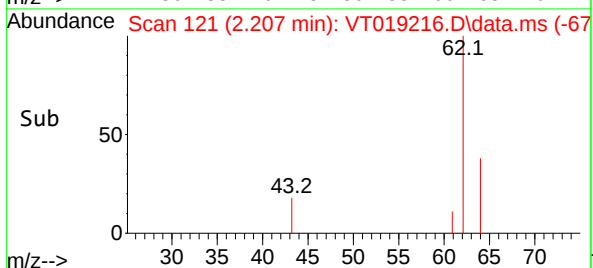
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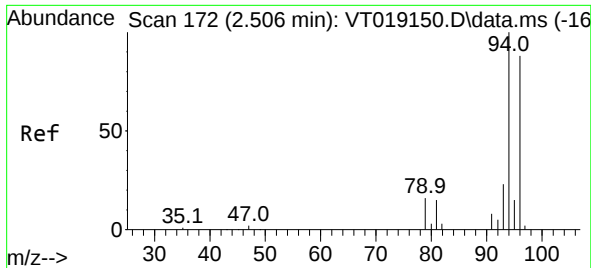


#4
Vinyl Chloride
Concen: 2.523 ug/l
RT: 2.207 min Scan# 121
Delta R.T. 0.018 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



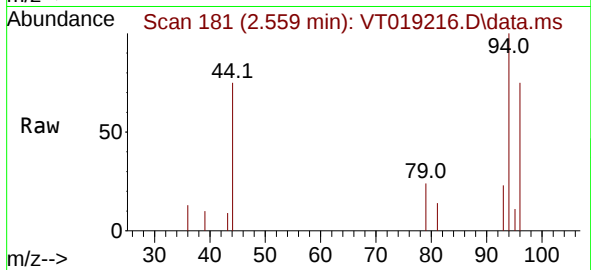
Tgt Ion: 62 Resp: 3901
Ion Ratio Lower Upper
62 100
64 38.2 25.2 37.8





#5
Bromomethane
Concen: 4.801 ug/l
RT: 2.559 min Scan# 11
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

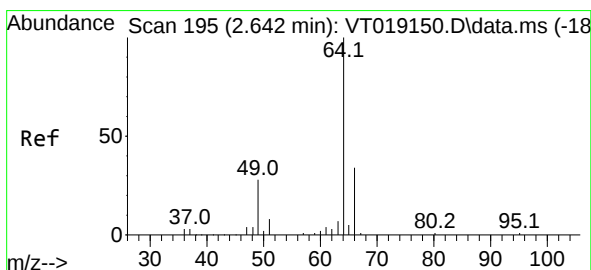
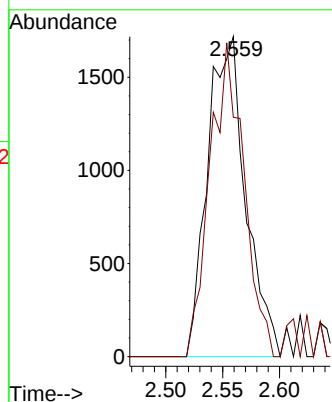
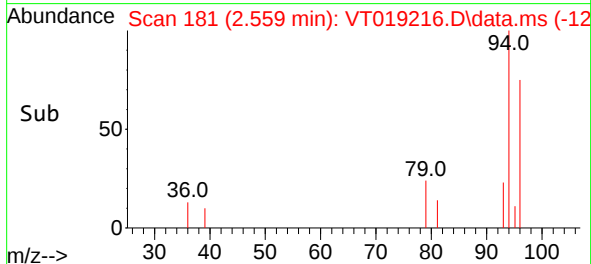
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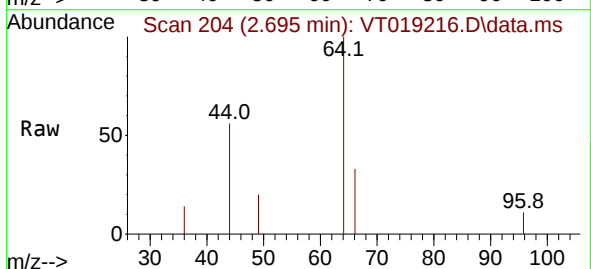
Tgt Ion: 94 Resp: 3998
Ion Ratio Lower Upper
94 100
96 74.8 70.8 106.2

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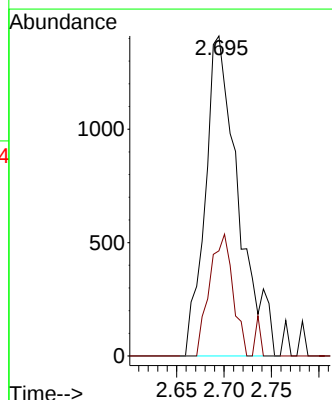
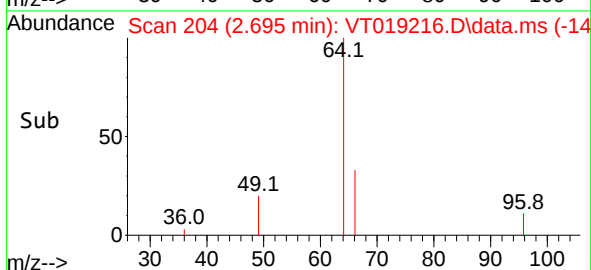
Reviewed By :Amit Patel 10/31/2025
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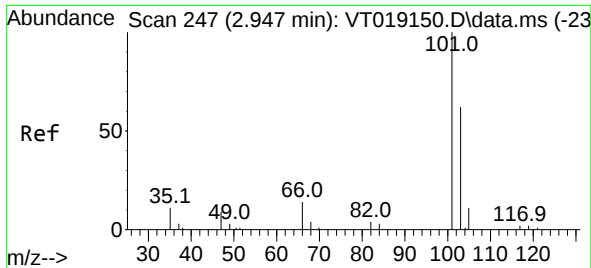


#6
Chloroethane
Concen: 2.450 ug/l
RT: 2.695 min Scan# 204
Delta R.T. 0.036 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



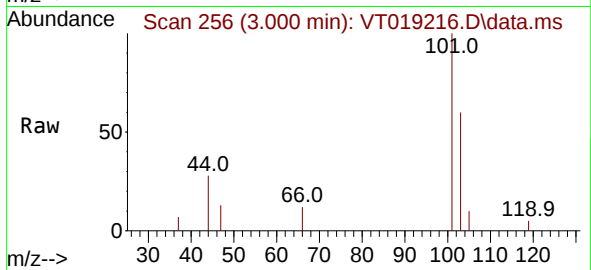
Tgt Ion: 64 Resp: 3437
Ion Ratio Lower Upper
64 100
66 32.9 26.9 40.3





#7
Trichlorofluoromethane
Concen: 2.436 ug/l
RT: 3.000 min Scan# 21
Delta R.T. 0.035 min
Lab File: VT019216.D
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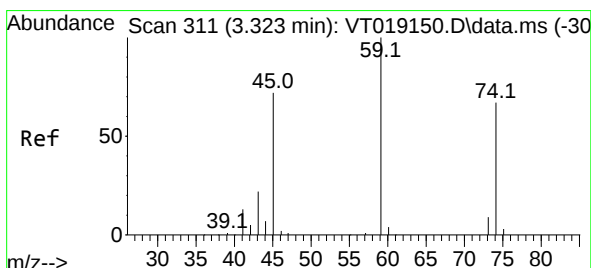
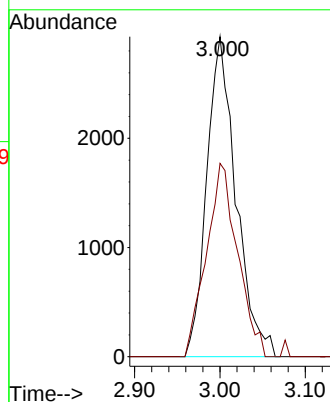
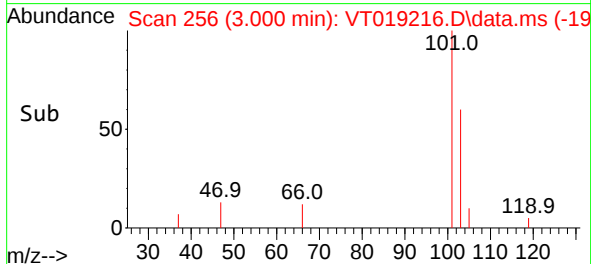
Instrument :
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Tgt Ion:101 Resp: 6974
Ion Ratio Lower Upper
101 100
103 60.4 49.9 74.9

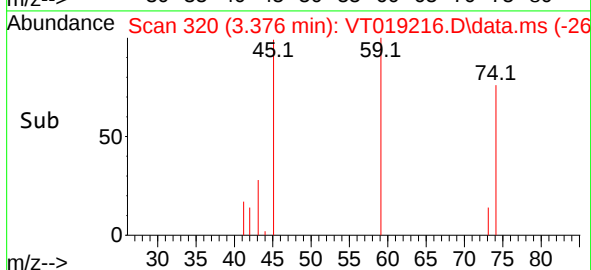
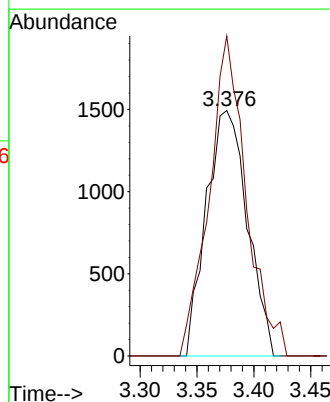
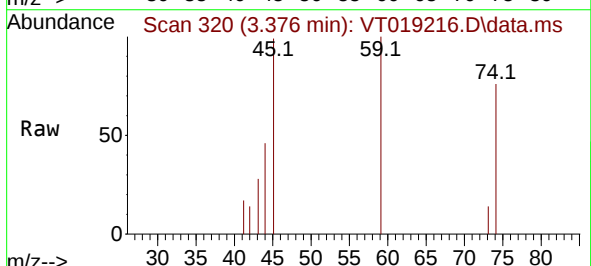
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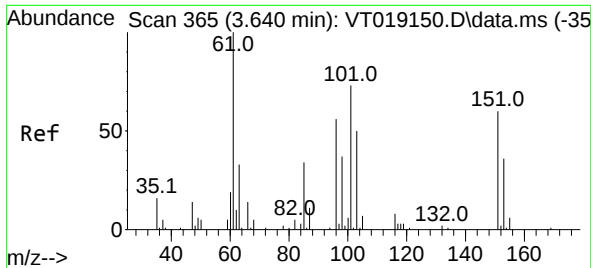
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#8
Diethyl Ether
Concen: 2.728 ug/l
RT: 3.376 min Scan# 320
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 74 Resp: 3745
Ion Ratio Lower Upper
74 100
45 117.4 52.3 156.8





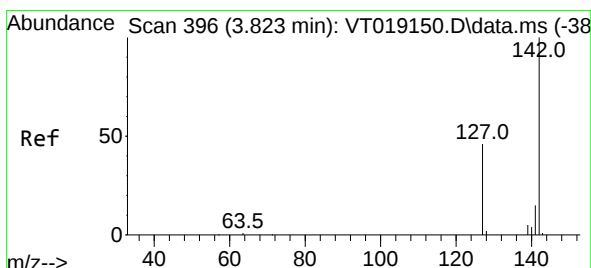
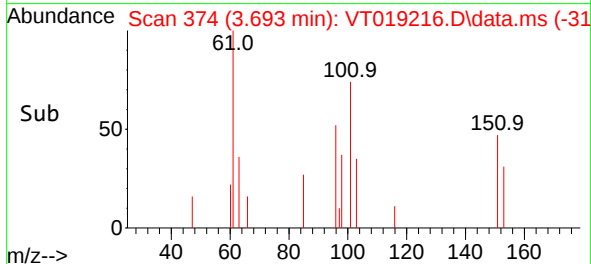
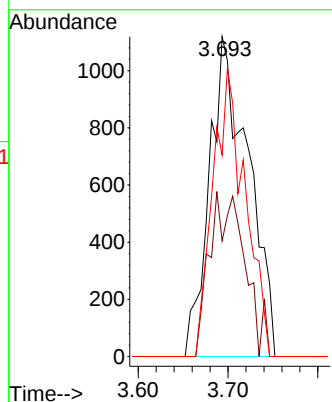
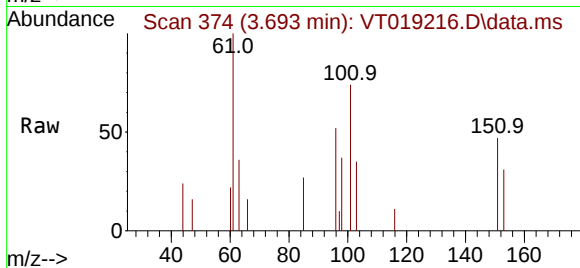
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.418 ug/l
RT: 3.693 min Scan# 31
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 335
Ion Ratio Lower Upper
101 100
85 19.4 37.0 55.6
151 74.2 63.8 95.6

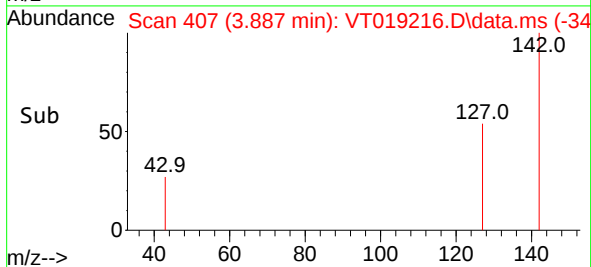
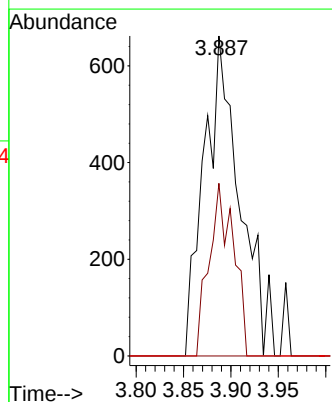
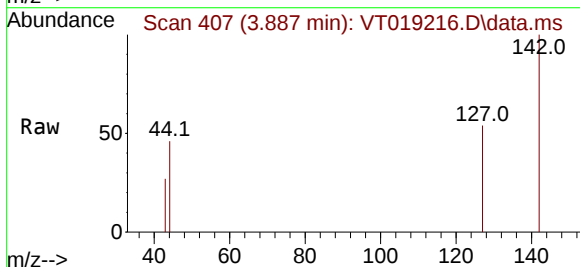
Manual Integrations
APPROVED

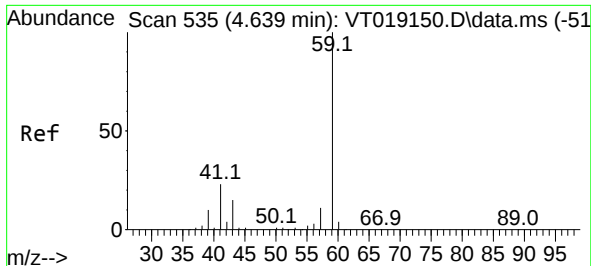
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#10
Methyl Iodide
Concen: 1.552 ug/l
RT: 3.887 min Scan# 407
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

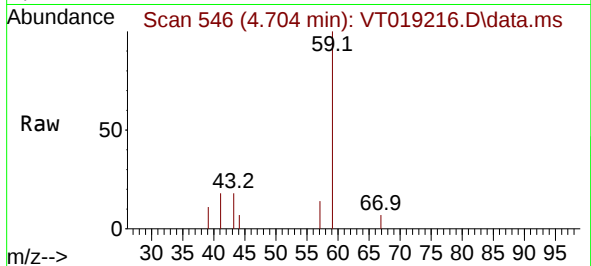
Tgt Ion:142 Resp: 1745
Ion Ratio Lower Upper
142 100
127 36.8 35.0 52.4
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 18.821 ug/l
RT: 4.704 min Scan# 54
Delta R.T. 0.065 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

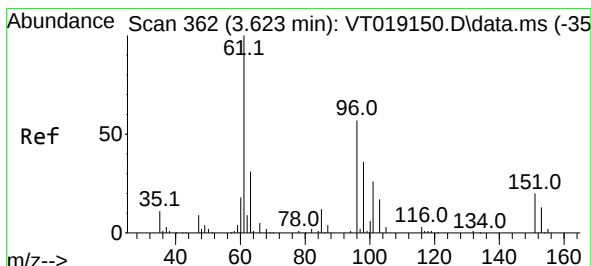
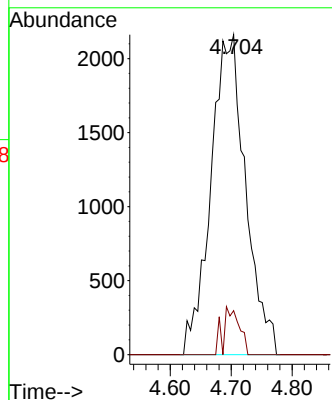
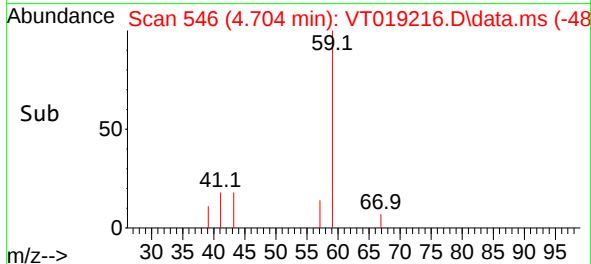
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 59 Resp: 856
Ion Ratio Lower Upper
59 100
57 6.9 8.1 12.1

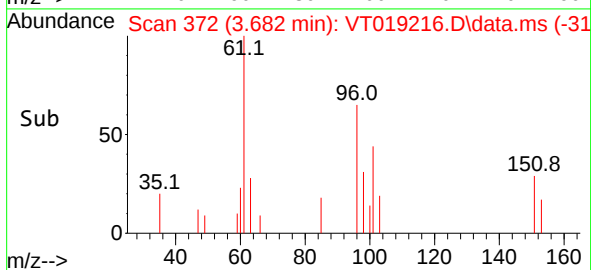
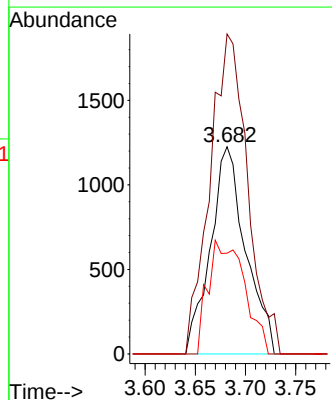
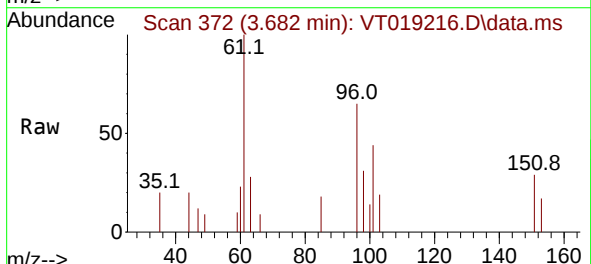
Manual Integrations
APPROVED

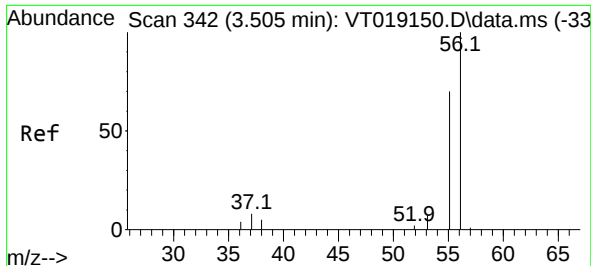
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#12
1,1-Dichloroethene
Concen: 2.329 ug/l
RT: 3.682 min Scan# 372
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

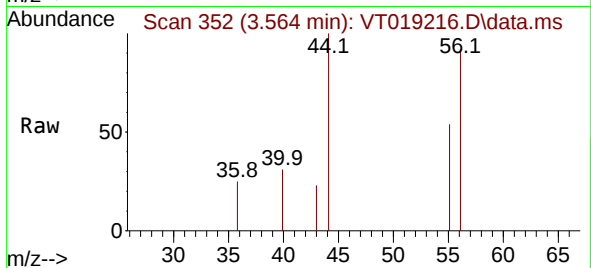
Tgt Ion: 96 Resp: 2989
Ion Ratio Lower Upper
96 100
61 154.4 141.4 212.2
98 48.6 50.7 76.1





#13
Acrolein
Concen: 19.274 ug/l
RT: 3.564 min Scan# 31
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

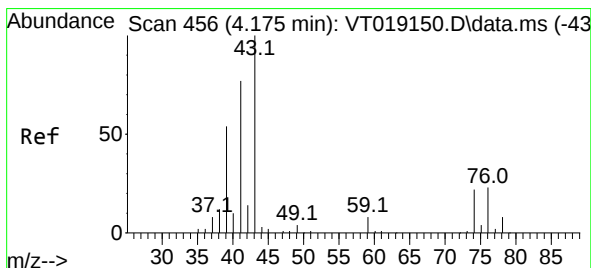
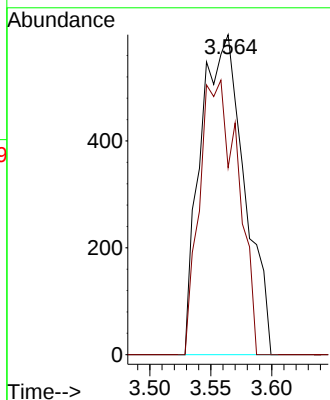
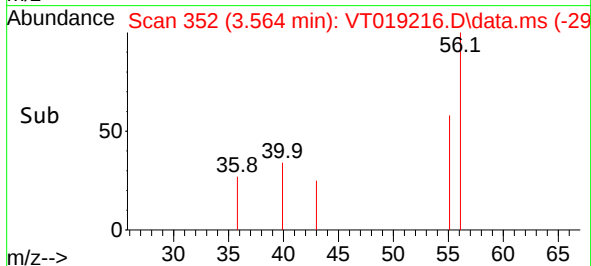
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 75.2 59.4 89.0

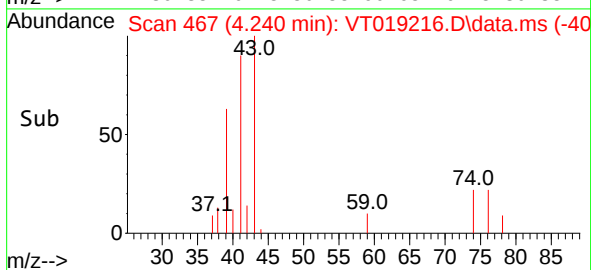
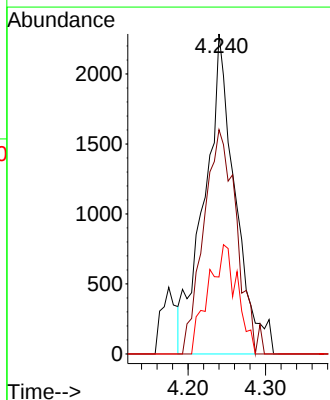
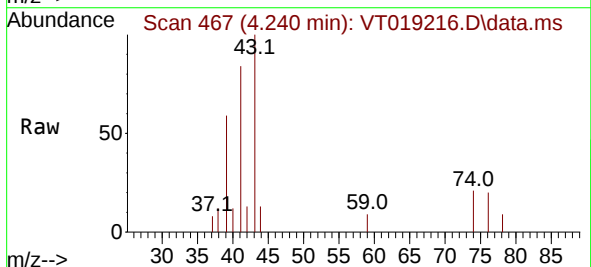
Manual Integrations
APPROVED

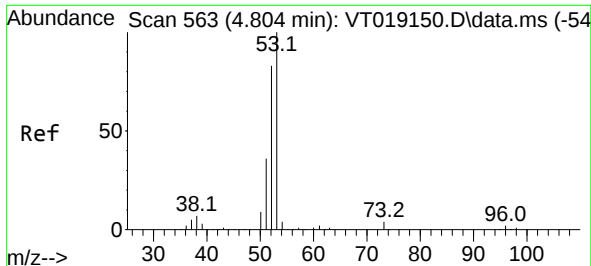
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#14
Allyl chloride
Concen: 2.482 ug/l
RT: 4.240 min Scan# 467
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 41 Resp: 6280
Ion Ratio Lower Upper
41 100
39 75.7 49.9 74.9#
76 32.3 20.8 31.2#





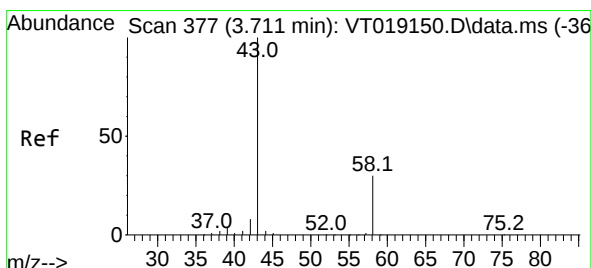
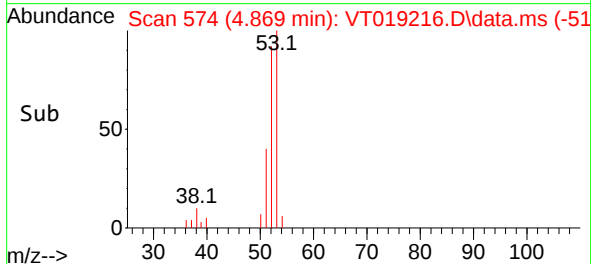
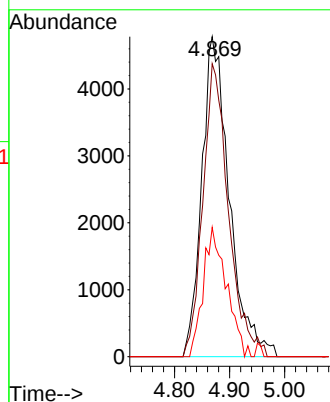
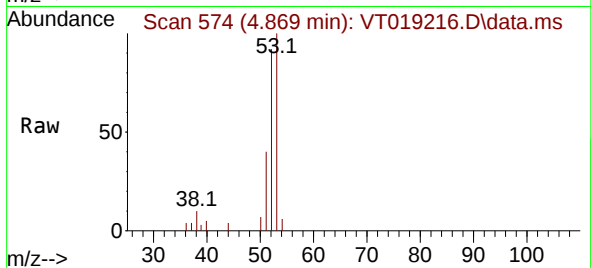
#15
Acrylonitrile
Concen: 14.993 ug/l
RT: 4.869 min Scan# 51
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 53 Resp: 16648
Ion Ratio Lower Upper
53 100
52 84.8 65.9 98.9
51 34.1 29.4 44.2

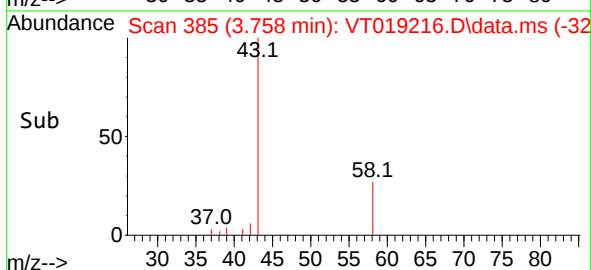
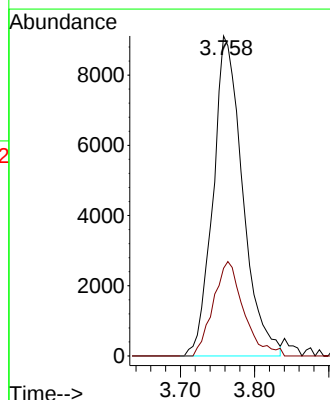
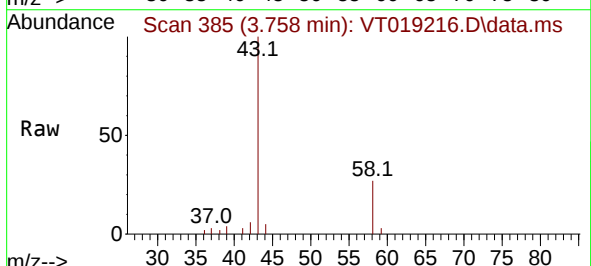
Manual Integrations
APPROVED

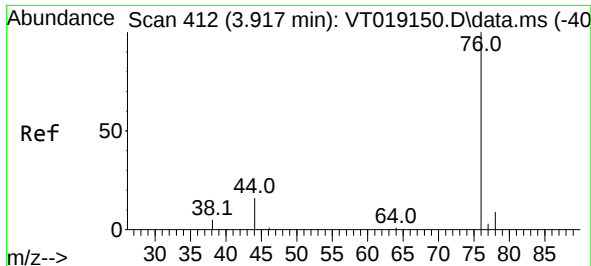
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#16
Acetone
Concen: 17.295 ug/l
RT: 3.758 min Scan# 385
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 43 Resp: 25261
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.8





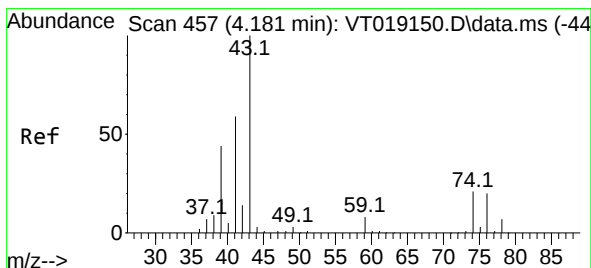
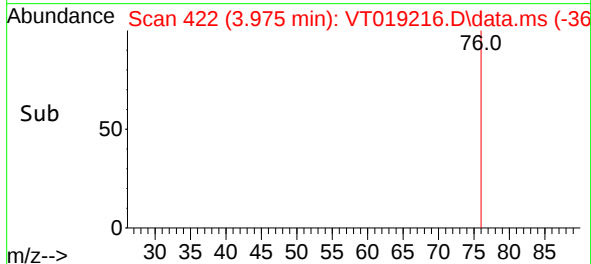
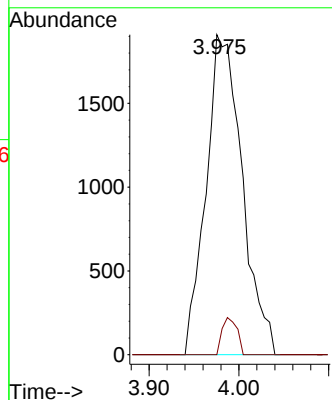
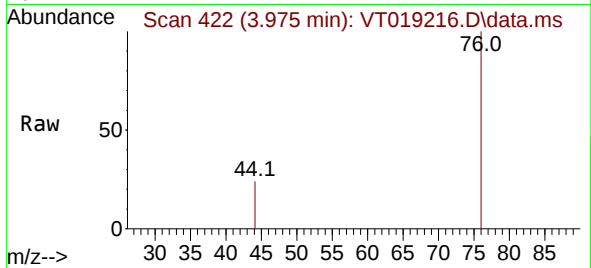
#17
Carbon Disulfide
Concen: 3.056 ug/l
RT: 3.975 min Scan# 412
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 76 Resp: 5330
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7

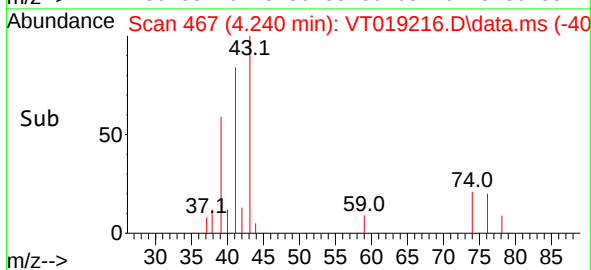
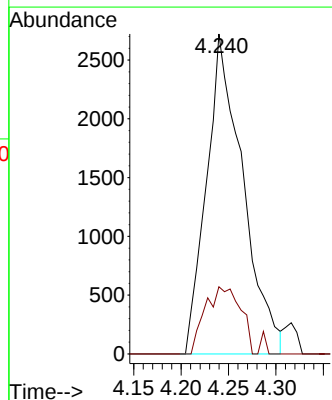
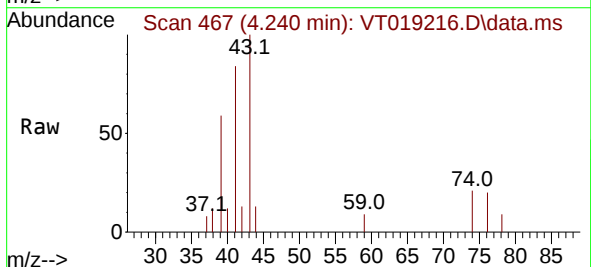
Manual Integrations
APPROVED

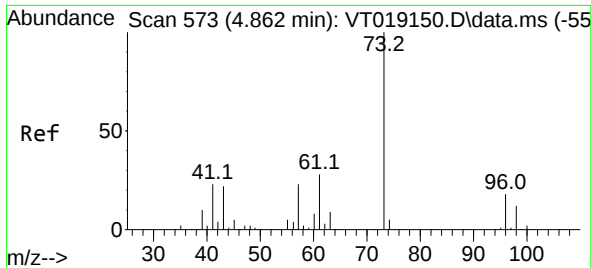
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#18
Methyl Acetate
Concen: 1.914 ug/l
RT: 4.240 min Scan# 467
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 43 Resp: 7214
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1





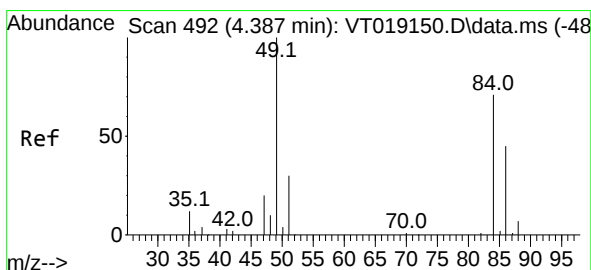
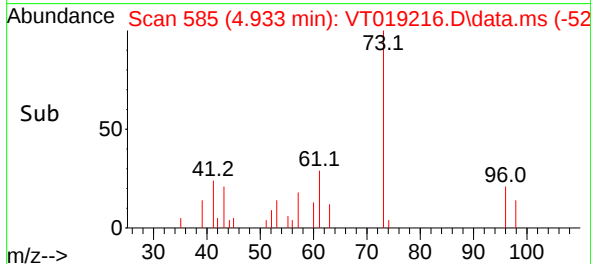
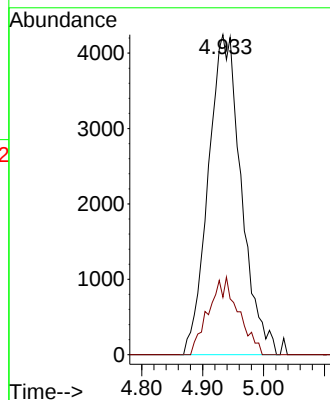
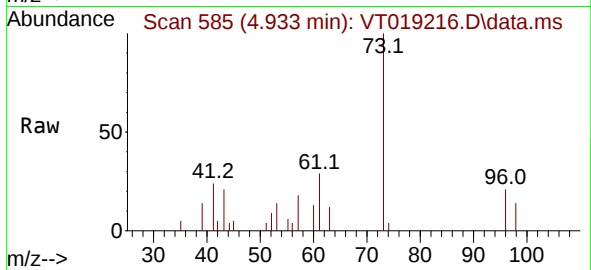
#19
Methyl tert-butyl Ether
Concen: 2.755 ug/l
RT: 4.933 min Scan# 505
Delta R.T. 0.065 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 1596
Ion Ratio Lower Upper
73 100
57 18.0 18.8 28.2

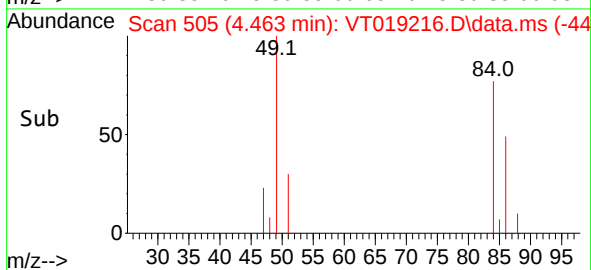
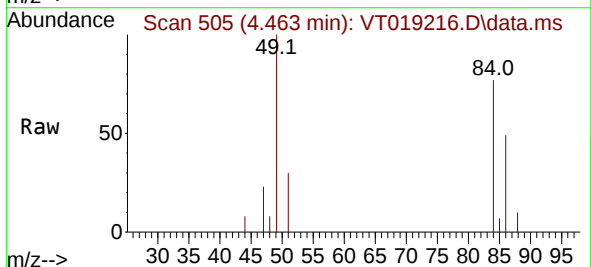
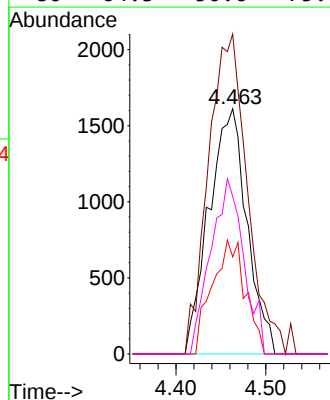
Manual Integrations
APPROVED

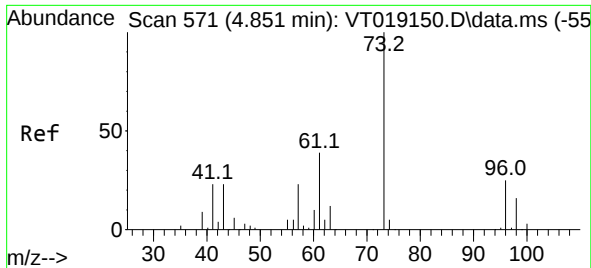
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#20
Methylene Chloride
Concen: 3.298 ug/l
RT: 4.463 min Scan# 505
Delta R.T. 0.065 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

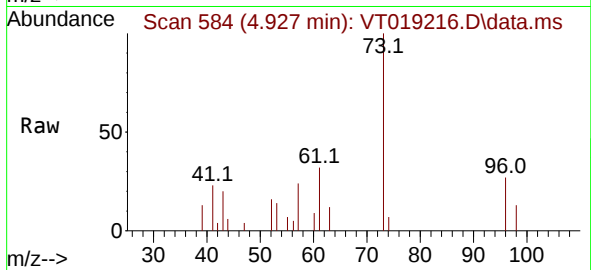
Tgt Ion: 84 Resp: 4723
Ion Ratio Lower Upper
84 100
49 130.5 113.1 169.7
51 39.5 33.6 50.4
86 64.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.619 ug/l
RT: 4.927 min Scan# 511
Delta R.T. 0.065 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

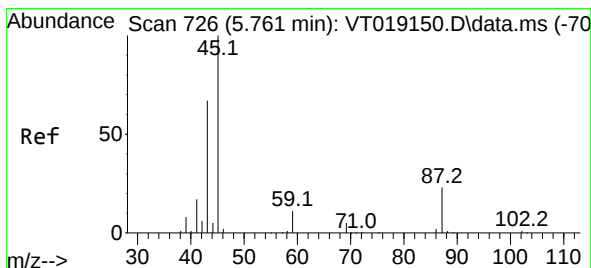
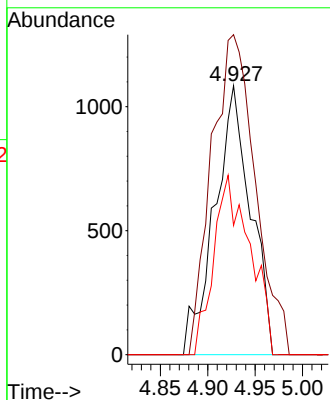
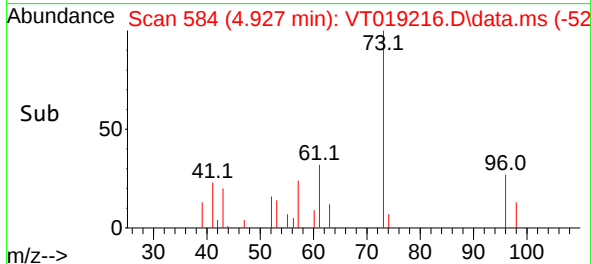
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 96 Resp: 2862
Ion Ratio Lower Upper
96 100
61 119.0 124.6 187.0
98 48.1 50.9 76.3

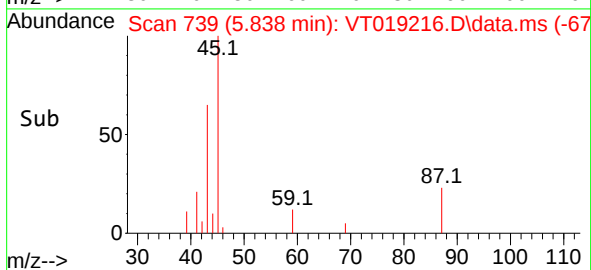
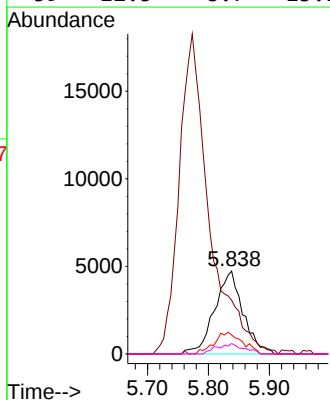
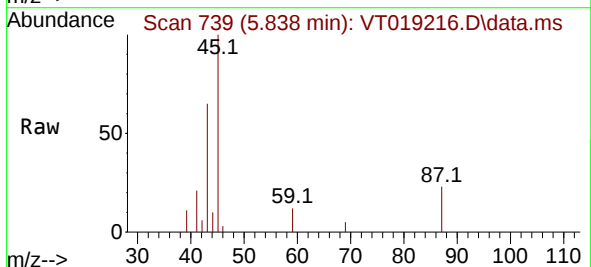
Manual Integrations
APPROVED

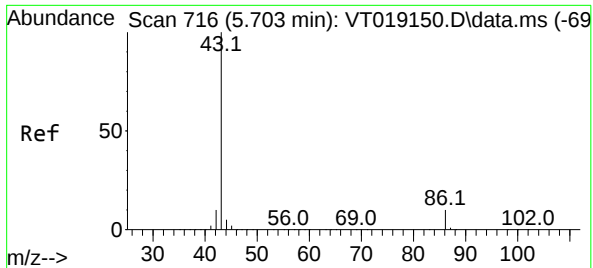
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#22
Diisopropyl ether
Concen: 2.550 ug/l
RT: 5.838 min Scan# 739
Delta R.T. 0.065 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 45 Resp: 15321
Ion Ratio Lower Upper
45 100
43 64.9 54.2 81.4
87 22.8 18.9 28.3
59 12.5 8.7 13.1





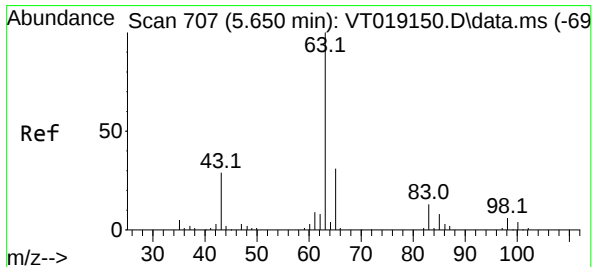
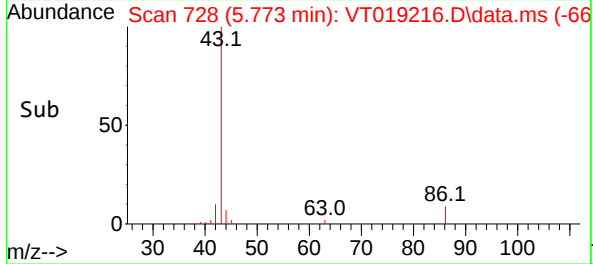
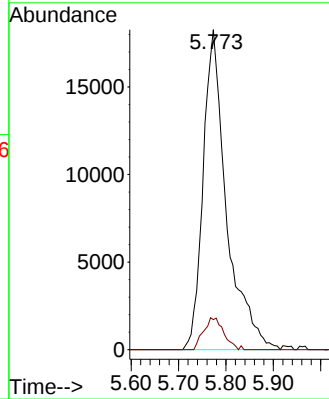
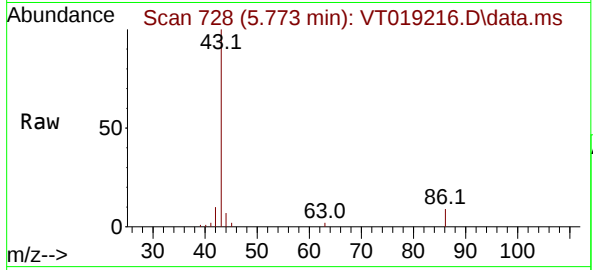
#23
 Vinyl Acetate
 Concen: 14.620 ug/l
 RT: 5.773 min Scan# 716
 Delta R.T. 0.064 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

Tgt Ion: 43 Resp: 62750
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.6

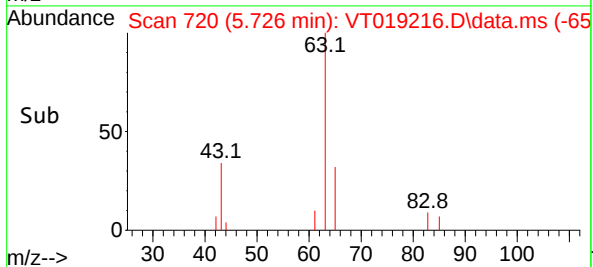
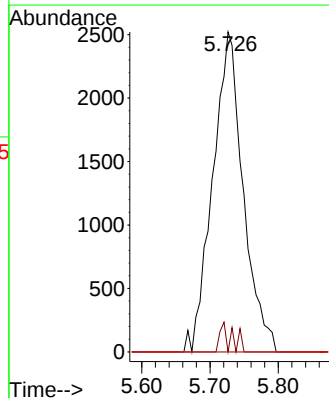
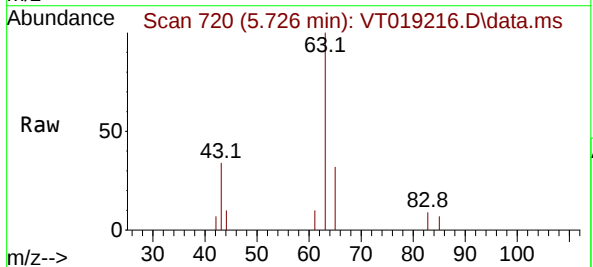
Manual Integrations
 APPROVED

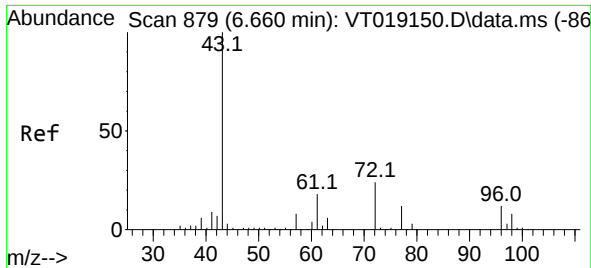
Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025



#24
 1,1-Dichloroethane
 Concen: 2.781 ug/l
 RT: 5.726 min Scan# 720
 Delta R.T. 0.064 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

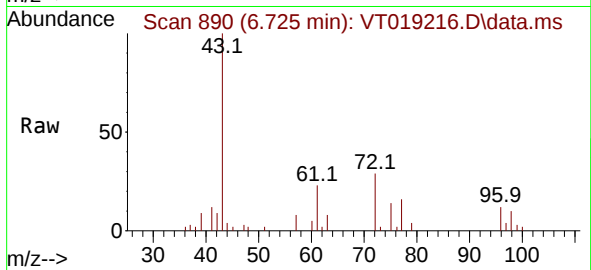
Tgt Ion: 63 Resp: 7816
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.4#
 100 0.0 2.0 6.0#





#25
2-Butanone
Concen: 16.052 ug/l
RT: 6.725 min Scan# 890
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

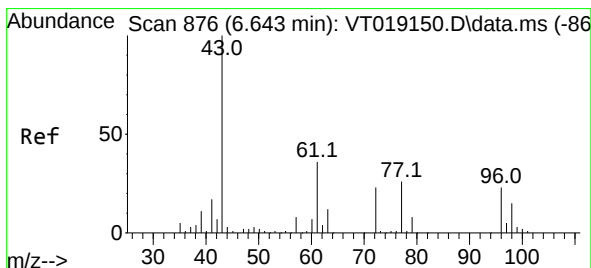
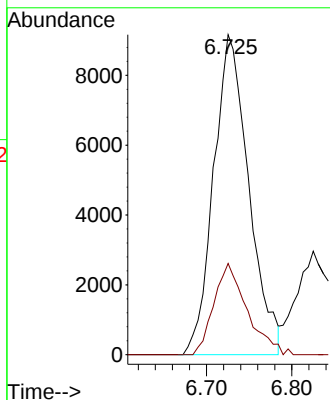
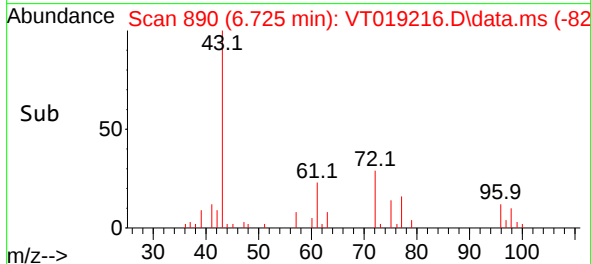
Instrument :
MSVOA_T
ClientSampleId :
MDL05



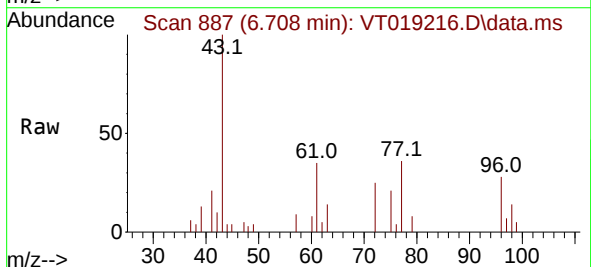
Tgt Ion: 43 Resp: 26298
Ion Ratio Lower Upper
43 100
72 28.5 19.0 28.6

Manual Integrations
APPROVED

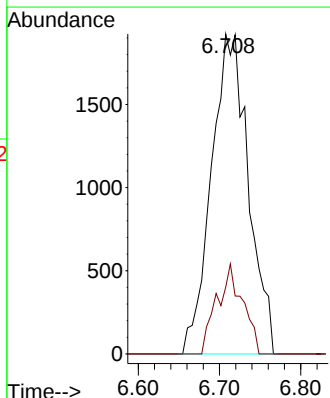
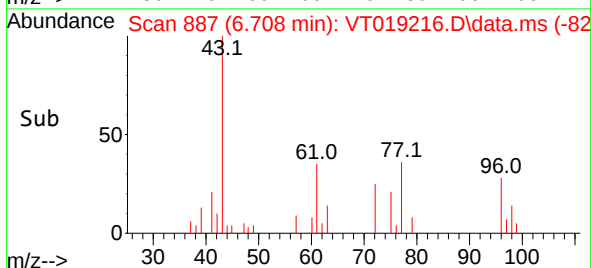
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

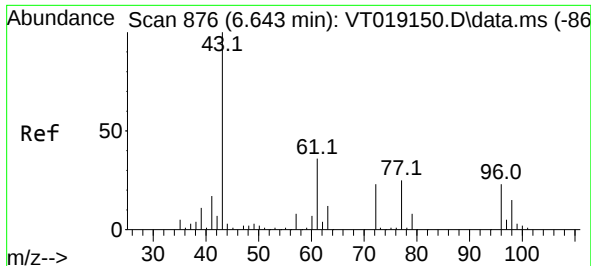


#26
2,2-Dichloropropane
Concen: 2.510 ug/l
RT: 6.708 min Scan# 887
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion: 77 Resp: 6087
Ion Ratio Lower Upper
77 100
97 19.5 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 2.706 ug/l

RT: 6.708 min Scan# 81

Delta R.T. 0.053 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

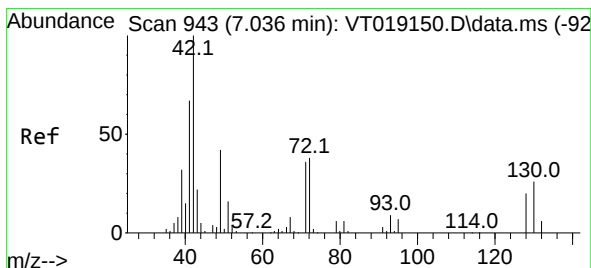
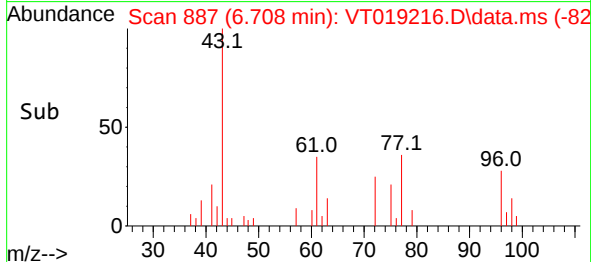
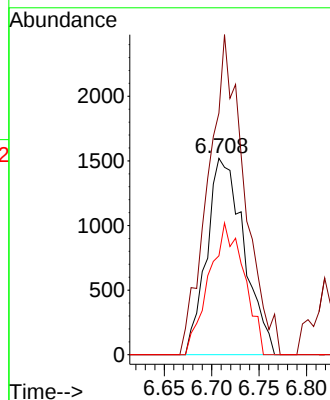
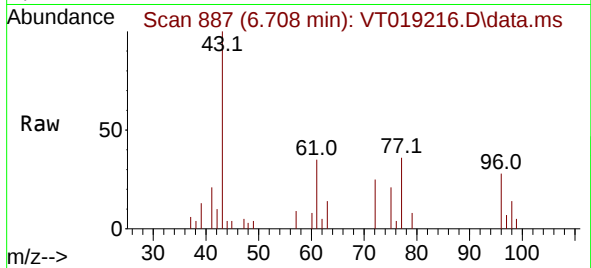
Tgt Ion: 96	Resp: 4150
Ion Ratio	Lower Upper
96 100	
61 158.5	0.0 309.0
98 63.5	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#28

Bromochloromethane

Concen: 0.047 ug/l

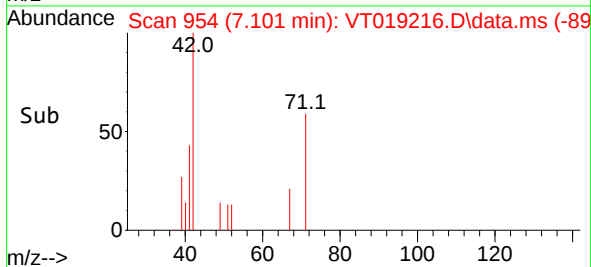
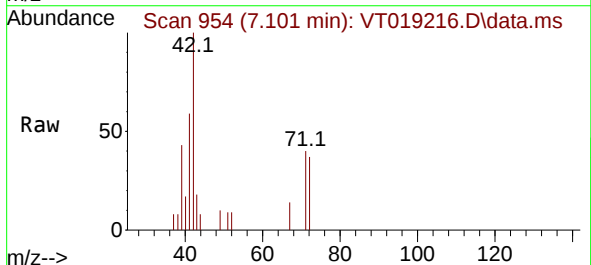
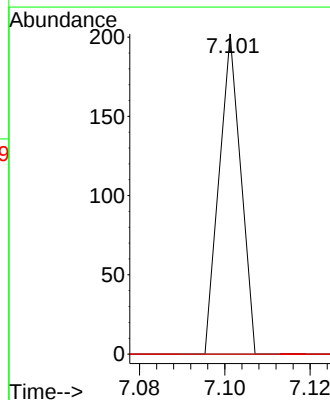
RT: 7.101 min Scan# 954

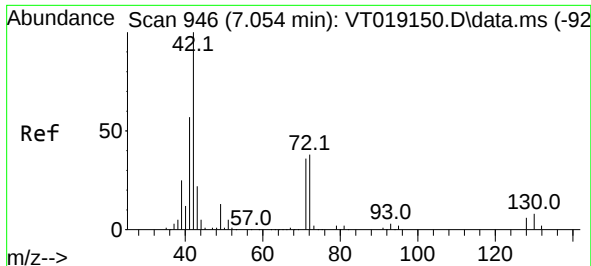
Delta R.T. 0.059 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Tgt Ion: 49	Resp: 71
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 0.0
130 0.0	48.6 73.0#





#29

Tetrahydrofuran

Concen: 14.318 ug/l

RT: 7.131 min Scan# 91

Delta R.T. 0.065 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

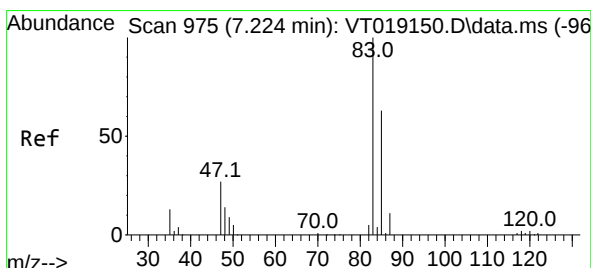
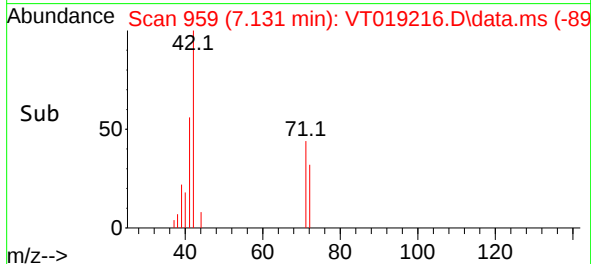
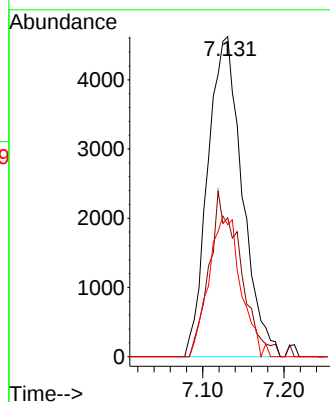
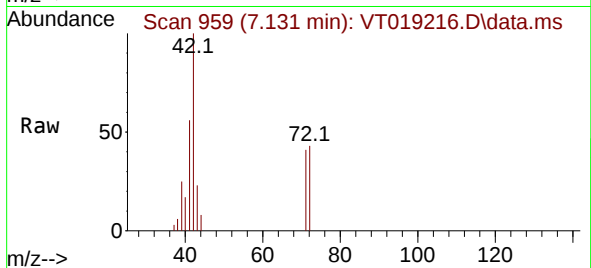
Tgt Ion: 42 Resp: 13648
 Ion Ratio Lower Upper
 42 100
 72 46.3 30.1 45.1
 71 40.9 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#30

Chloroform

Concen: 2.433 ug/l

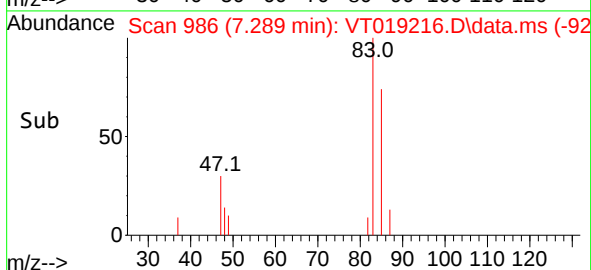
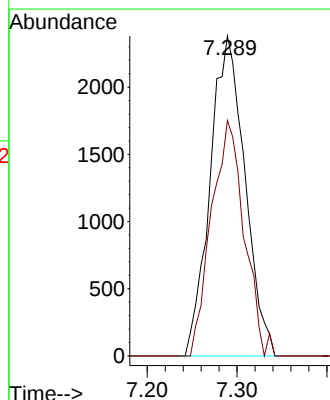
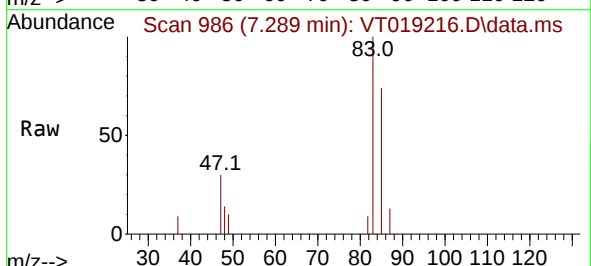
RT: 7.289 min Scan# 986

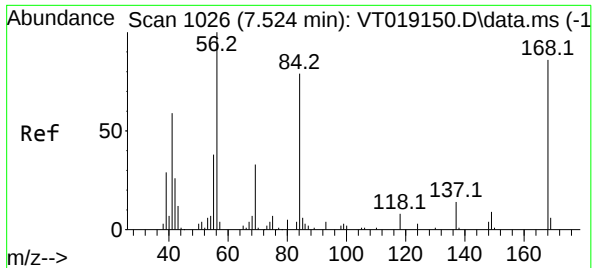
Delta R.T. 0.059 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

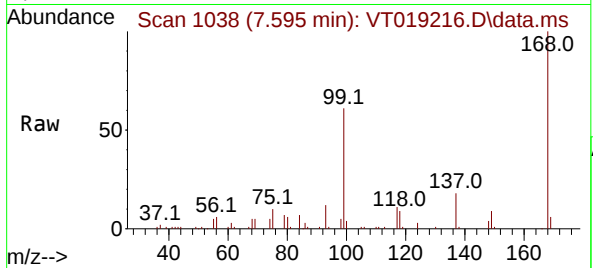
Tgt Ion: 83 Resp: 6402
 Ion Ratio Lower Upper
 83 100
 85 73.6 50.6 76.0





#31
Cyclohexane
Concen: 4.006 ug/l
RT: 7.595 min Scan# 1026
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

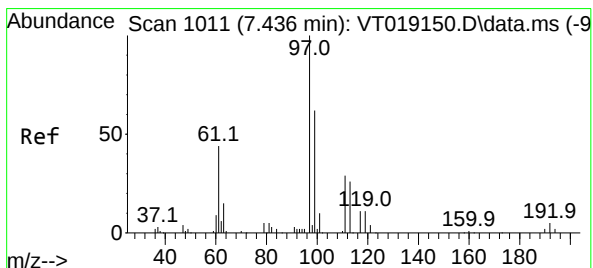
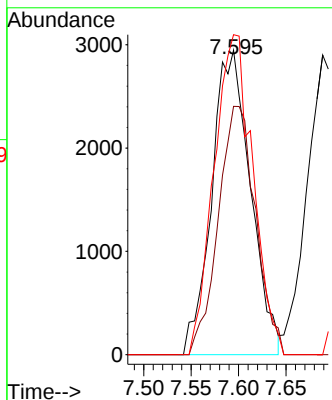
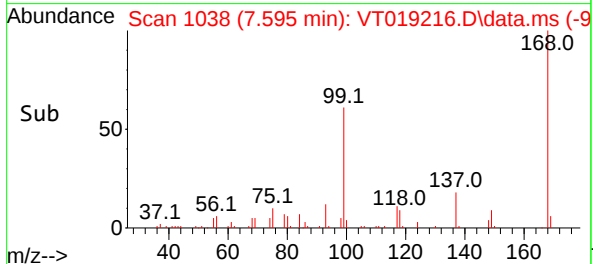
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 837
Ion Ratio Lower Upper
56 100
69 81.5 26.1 39.1
84 105.1 63.6 95.4

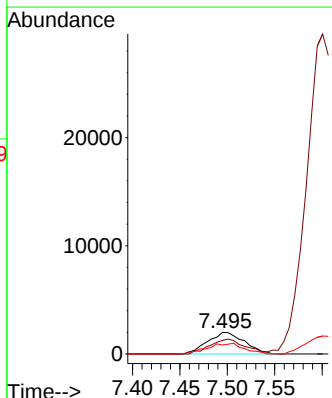
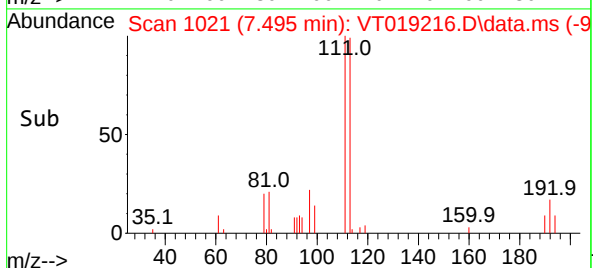
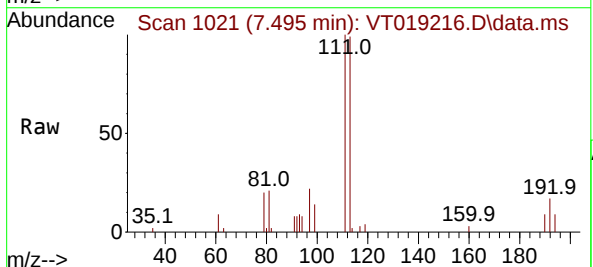
Manual Integrations
APPROVED

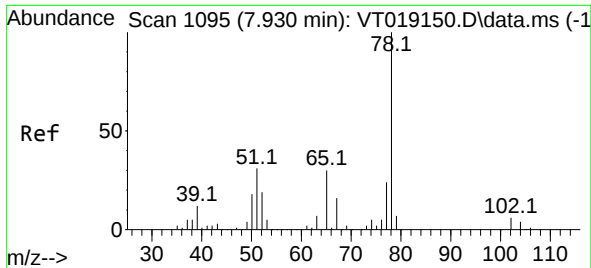
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#32
1,1,1-Trichloroethane
Concen: 2.563 ug/l
RT: 7.495 min Scan# 1021
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 97 Resp: 5368
Ion Ratio Lower Upper
97 100
99 65.5 50.5 75.7
61 48.6 37.1 55.7





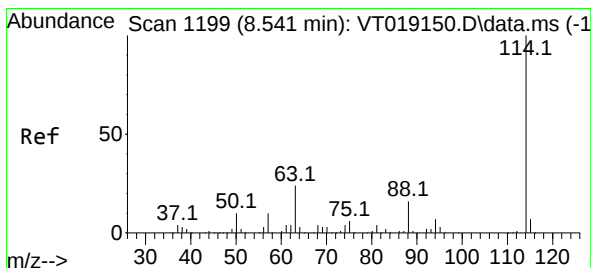
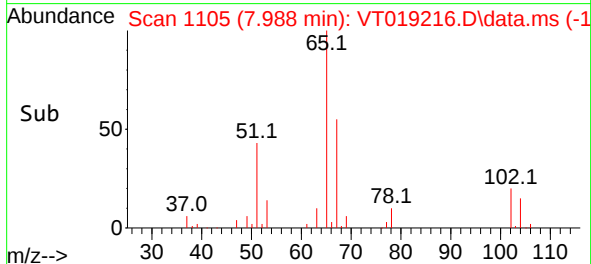
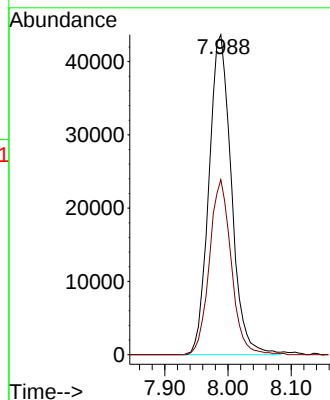
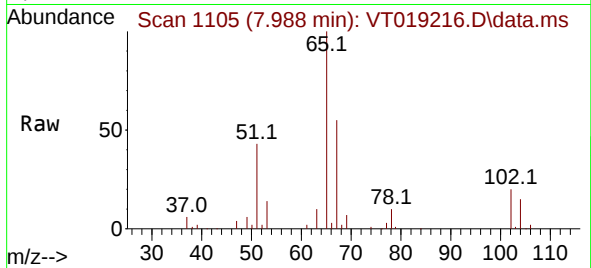
#33
 1,2-Dichloroethane-d4
 Concen: 50.253 ug/l
 RT: 7.988 min Scan# 1105
 Delta R.T. 0.053 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

Tgt Ion: 65 Resp: 107639
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.0

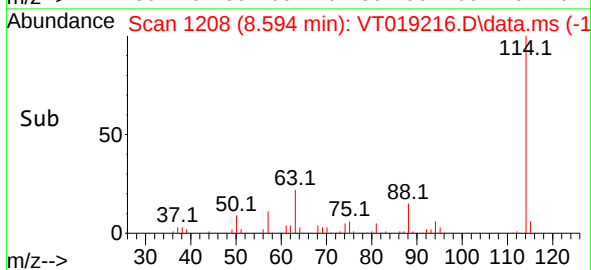
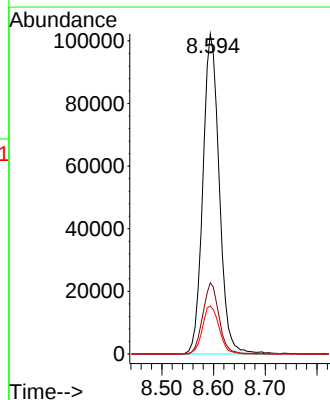
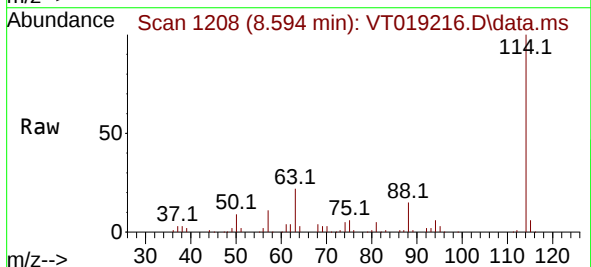
Manual Integrations
 APPROVED

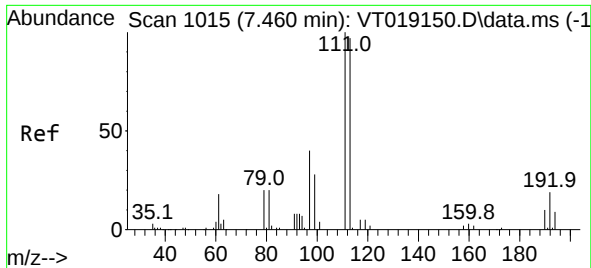
Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.594 min Scan# 1208
 Delta R.T. 0.047 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

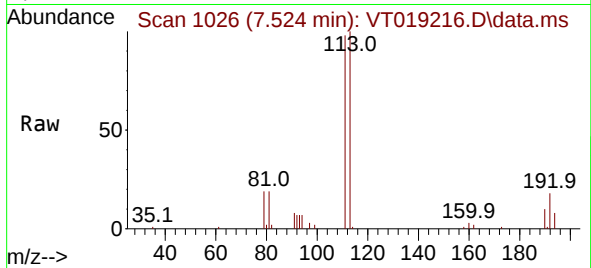
Tgt Ion:114 Resp: 224696
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.2
 88 15.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.205 ug/l
RT: 7.524 min Scan# 1026
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

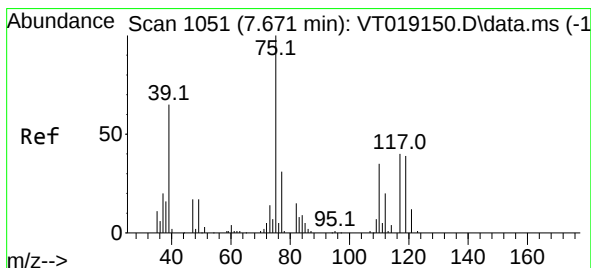
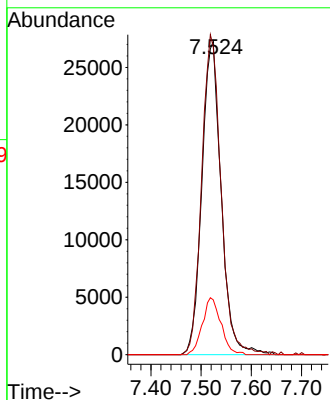
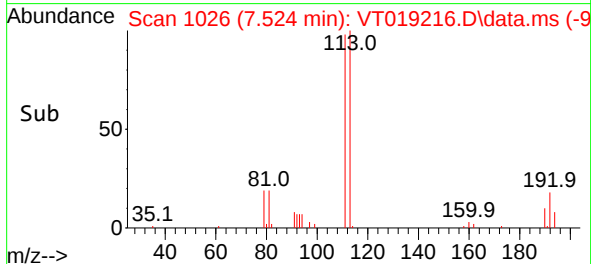
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 113 Resp: 72769
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 17.5 15.3 22.9

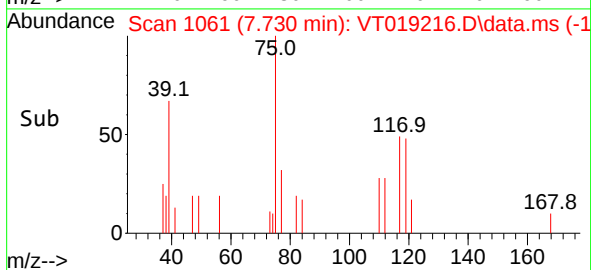
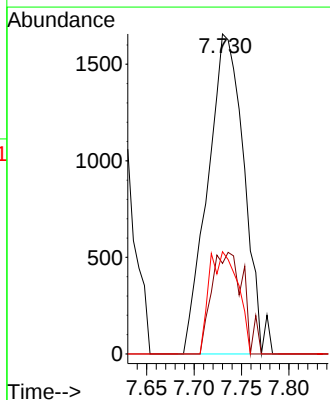
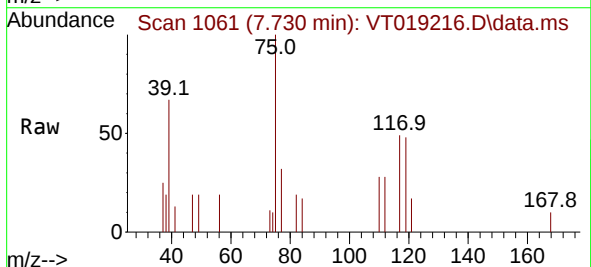
Manual Integrations
APPROVED

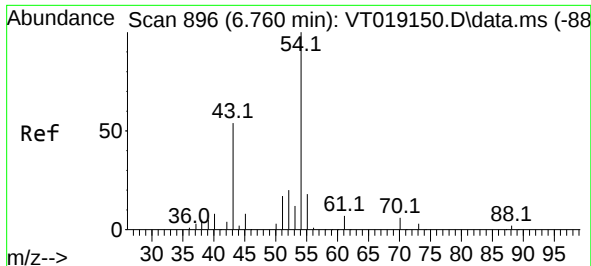
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#36
1,1-Dichloropropene
Concen: 2.758 ug/l
RT: 7.730 min Scan# 1061
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

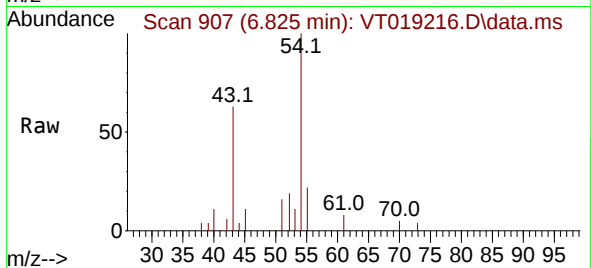
Tgt Ion: 75 Resp: 4408
Ion Ratio Lower Upper
75 100
110 27.8 16.1 48.2
77 25.3 25.1 37.7





#37
Ethyl Acetate
Concen: 3.210 ug/l
RT: 6.825 min Scan# 90
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

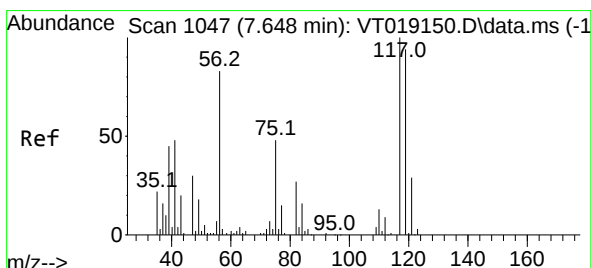
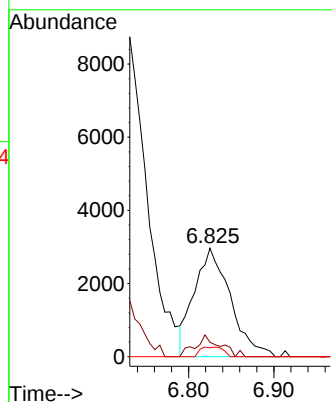
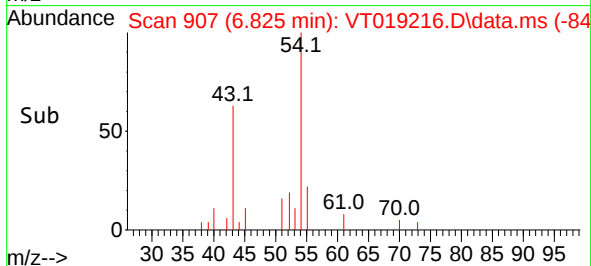
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
61 13.7 10.0 15.0
70 5.6 7.3 10.9

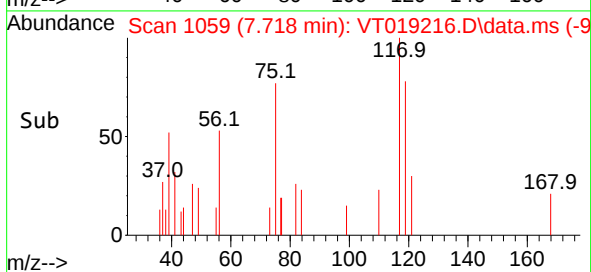
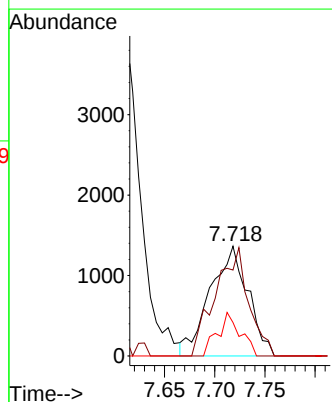
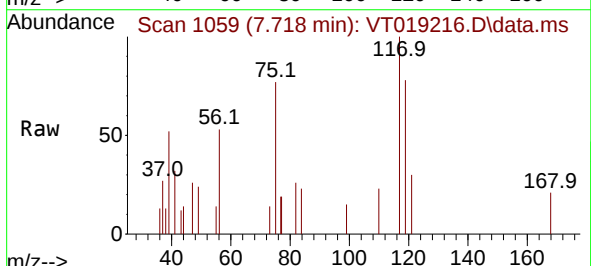
Manual Integrations
APPROVED

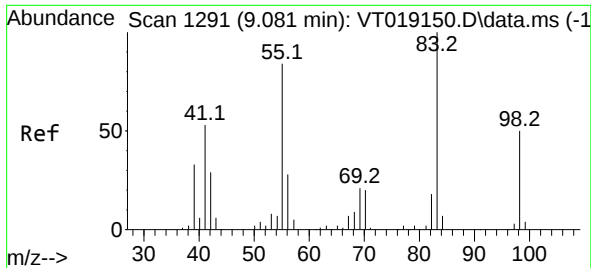
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#38
Carbon Tetrachloride
Concen: 2.453 ug/l
RT: 7.718 min Scan# 1059
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion:117 Resp: 3565
Ion Ratio Lower Upper
117 100
119 78.3 75.0 112.6
121 30.5 23.3 34.9





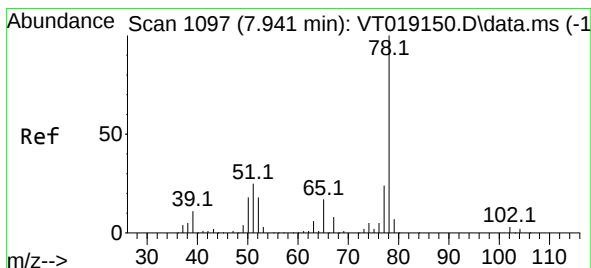
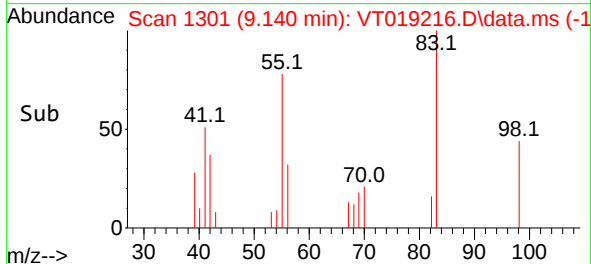
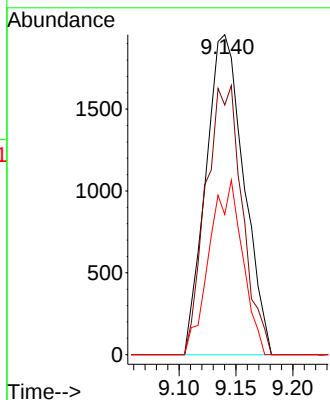
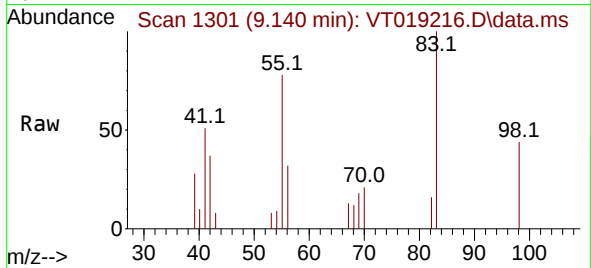
#39
Methylcyclohexane
Concen: 2.574 ug/l
RT: 9.140 min Scan# 1107
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 4540
Ion Ratio Lower Upper
83 100
55 78.0 67.5 101.3
98 43.8 39.9 59.9

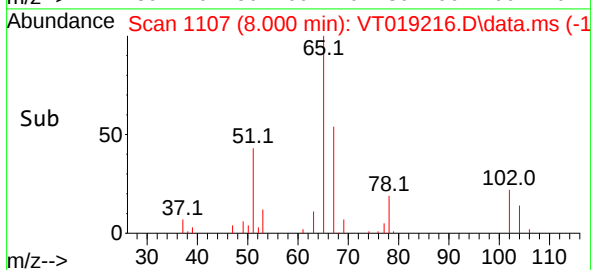
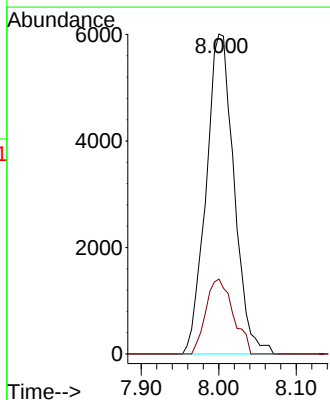
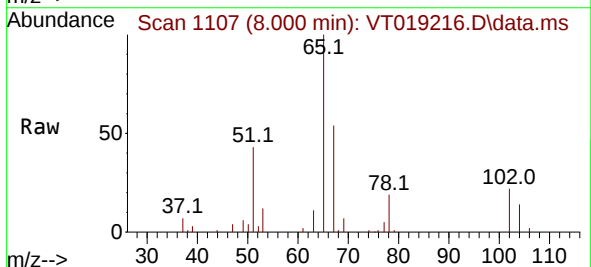
Manual Integrations
APPROVED

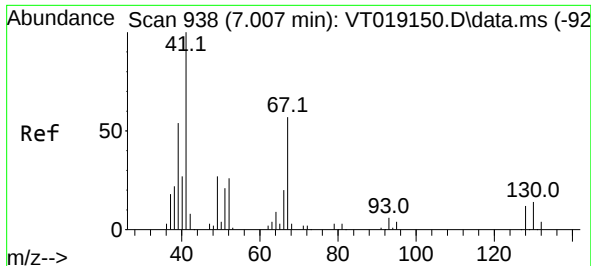
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#40
Benzene
Concen: 2.779 ug/l
RT: 8.000 min Scan# 1107
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 78 Resp: 15036
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





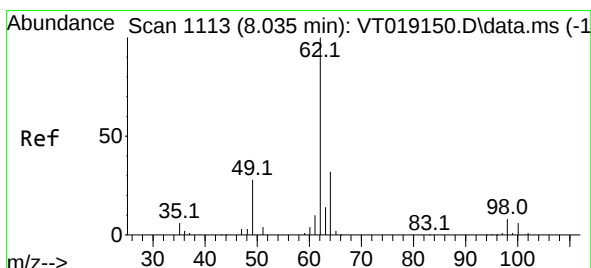
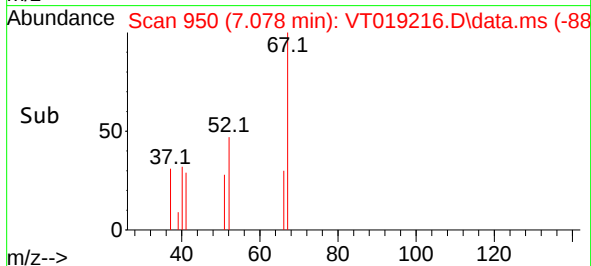
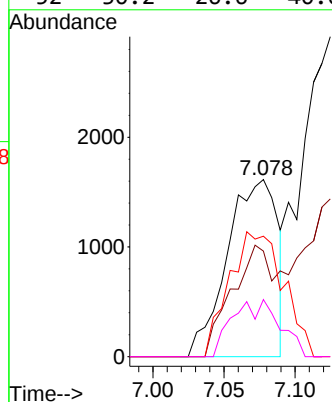
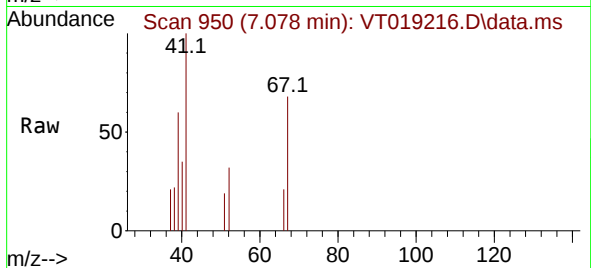
#41
Methacrylonitrile
Concen: 2.909 ug/l
RT: 7.078 min Scan# 91
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 41	Resp: 398
Ion Ratio	Lower Upper
41 100	
39 61.6	49.8 74.6
67 75.4	60.0 90.0
52 30.2	26.6 40.0

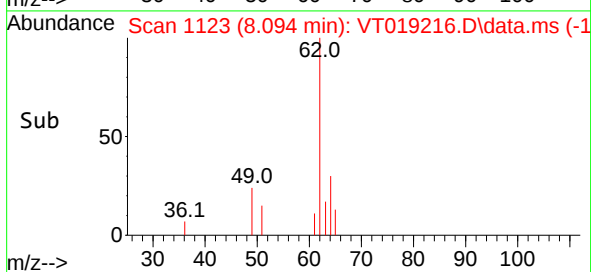
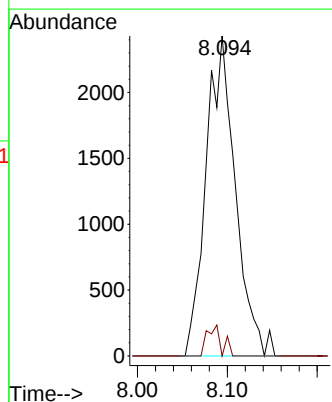
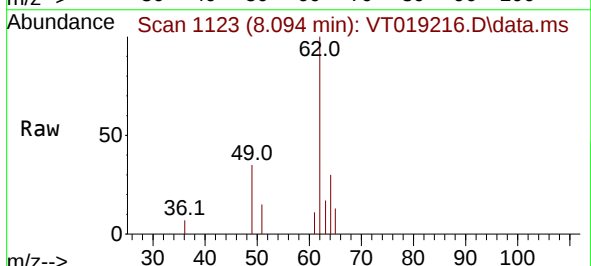
Manual Integrations
APPROVED

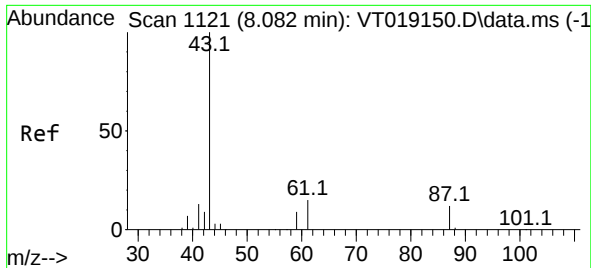
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#42
1,2-Dichloroethane
Concen: 2.903 ug/l
RT: 8.094 min Scan# 1123
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

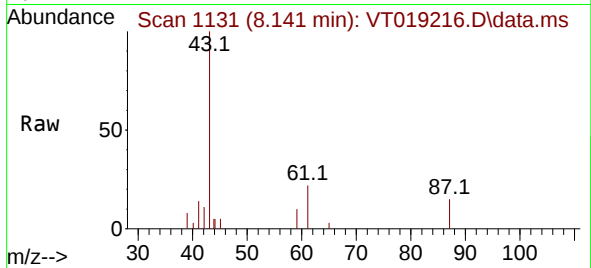
Tgt Ion: 62	Resp: 5521
Ion Ratio	Lower Upper
62 100	
98 4.7	0.0 16.6





#43
Isopropyl Acetate
Concen: 2.828 ug/l
RT: 8.141 min Scan# 1121
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

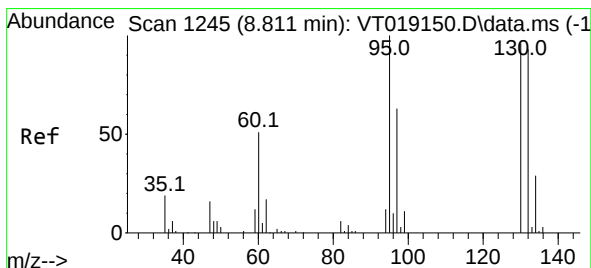
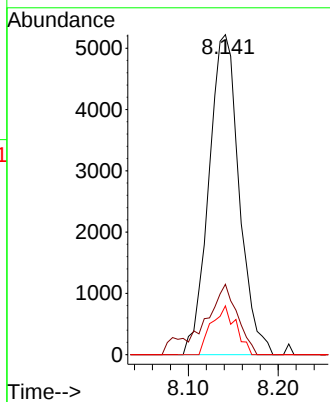
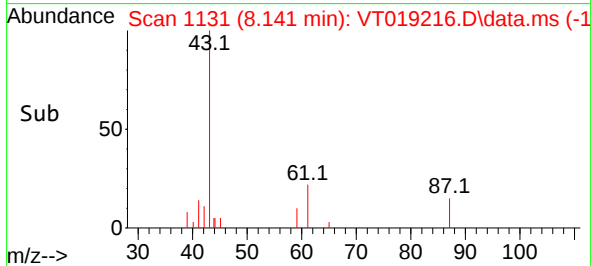
Instrument :
MSVOA_T
ClientSampleId :
MDL05



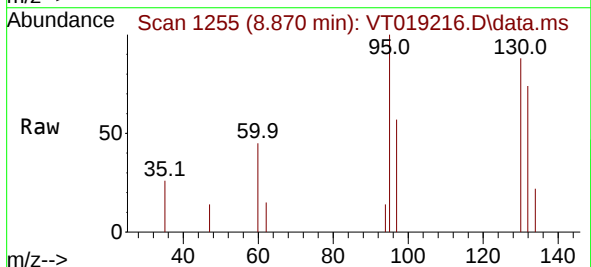
Tgt Ion: 43 Resp: 12230
Ion Ratio Lower Upper
43 100
61 24.7 14.8 22.2
87 12.2 9.1 13.7

Manual Integrations
APPROVED

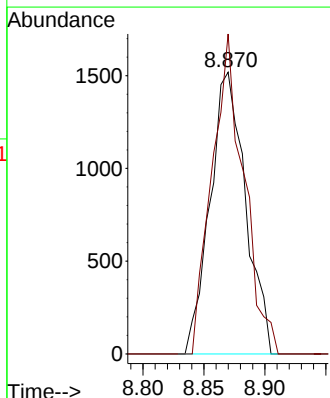
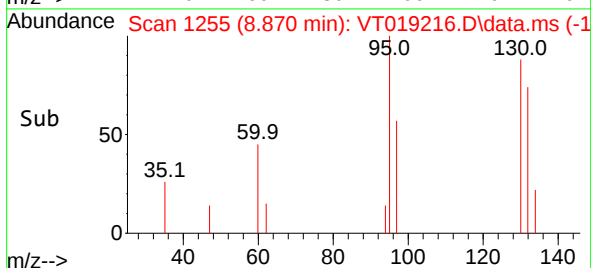
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

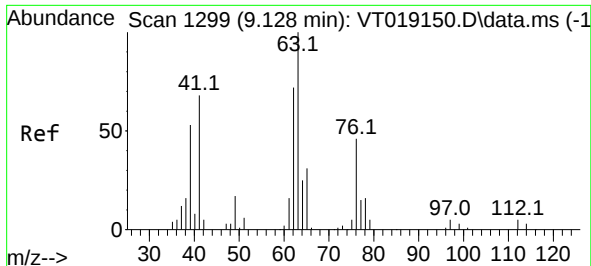


#44
Trichloroethene
Concen: 2.907 ug/l
RT: 8.870 min Scan# 1255
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion:130 Resp: 3075
Ion Ratio Lower Upper
130 100
95 113.6 0.0 207.8





#45

1,2-Dichloropropane

Concen: 2.715 ug/l

RT: 9.181 min Scan# 11

Delta R.T. 0.047 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 3738

Ion Ratio Lower Upper

63 100

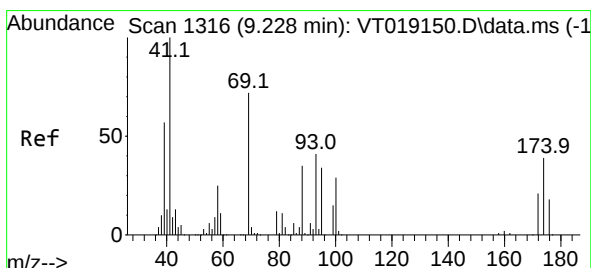
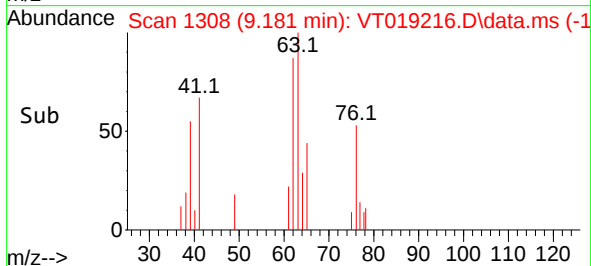
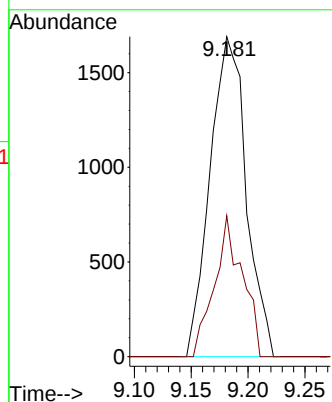
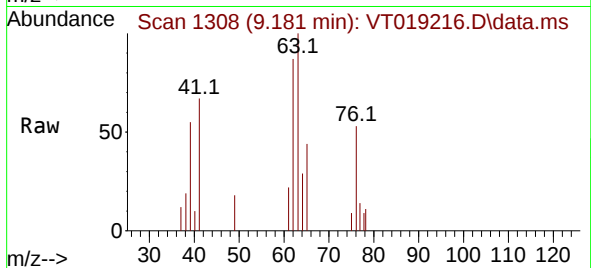
65 44.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#46

Dibromomethane

Concen: 2.456 ug/l

RT: 9.275 min Scan# 1324

Delta R.T. 0.041 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

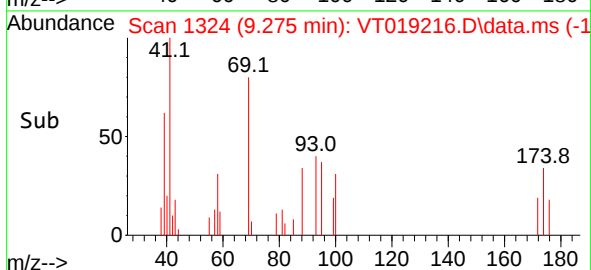
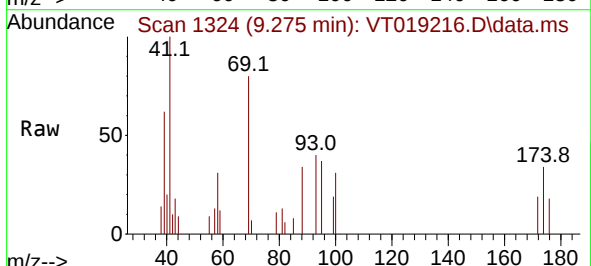
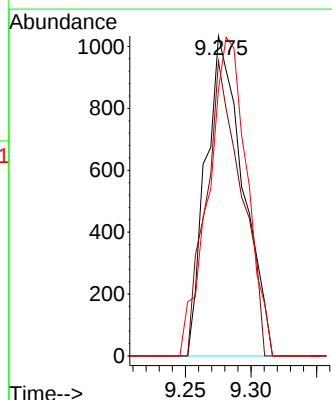
Tgt Ion: 93 Resp: 2035

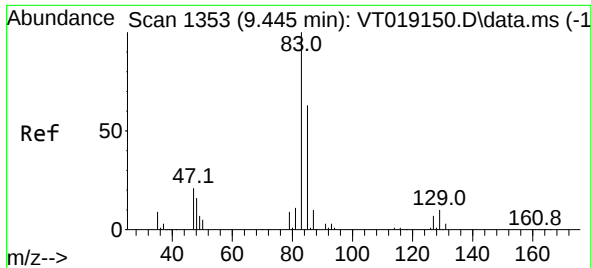
Ion Ratio Lower Upper

93 100

95 87.2 66.4 99.6

174 102.8 77.3 115.9





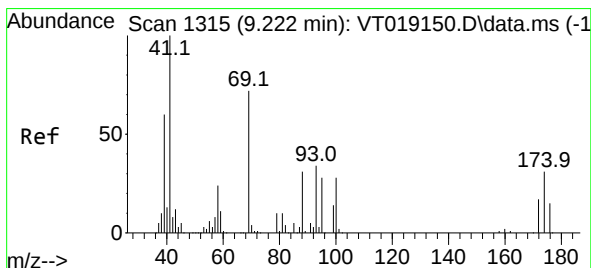
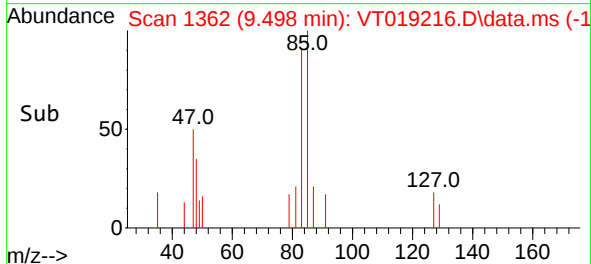
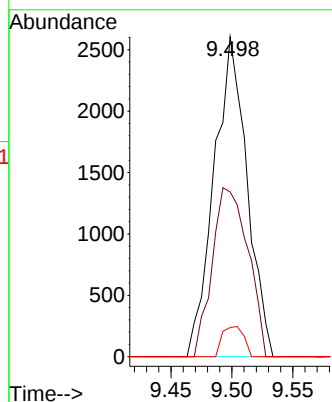
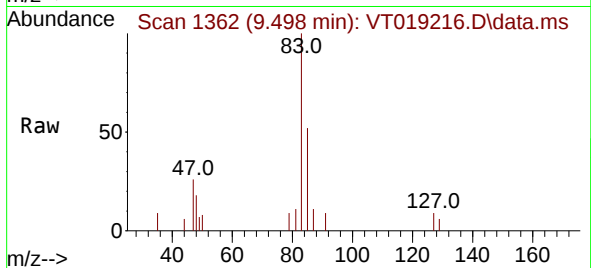
#47
Bromodichloromethane
Concen: 2.627 ug/l
RT: 9.498 min Scan# 1362
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 4908
Ion Ratio Lower Upper
83 100
85 51.5 50.4 75.6
127 9.1 6.0 9.0

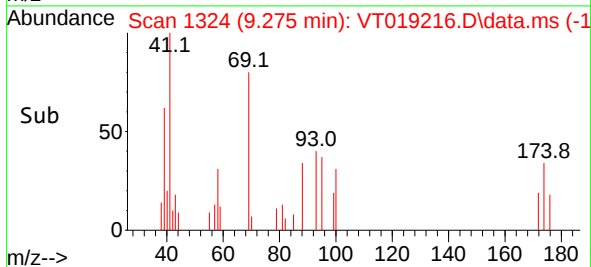
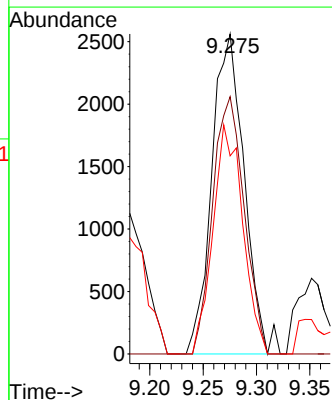
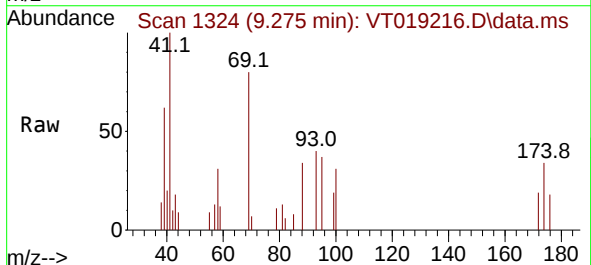
Manual Integrations
APPROVED

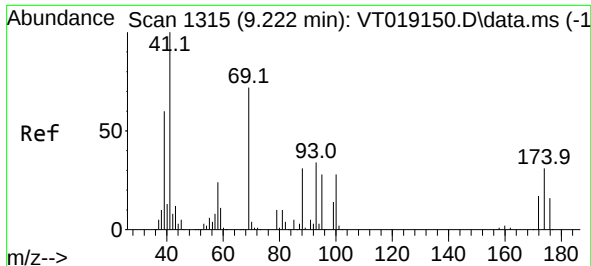
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#48
Methyl methacrylate
Concen: 2.787 ug/l
RT: 9.275 min Scan# 1324
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 41 Resp: 5417
Ion Ratio Lower Upper
41 100
69 78.3 56.9 85.3
39 65.9 48.0 72.0





#49

1,4-Dioxane

Concen: 63.608 ug/l

RT: 9.281 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 33.2 30.0 45.0

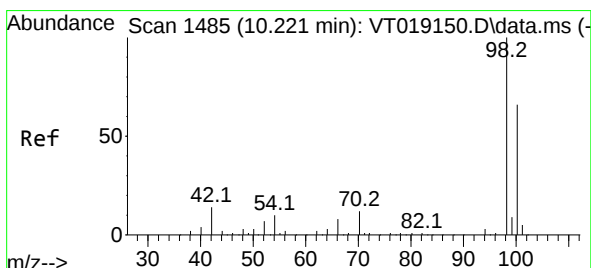
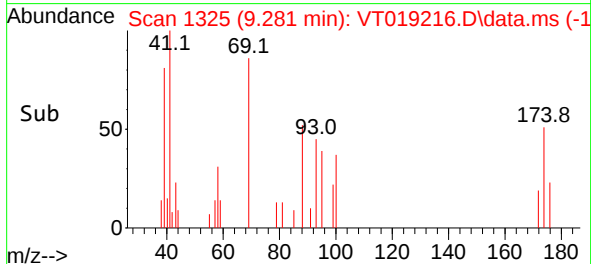
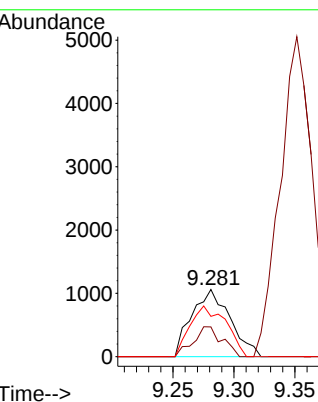
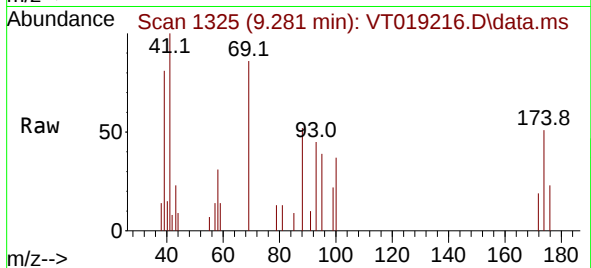
58 70.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#50

Toluene-d8

Concen: 49.554 ug/l

RT: 10.268 min Scan# 1493

Delta R.T. 0.041 min

Lab File: VT019216.D

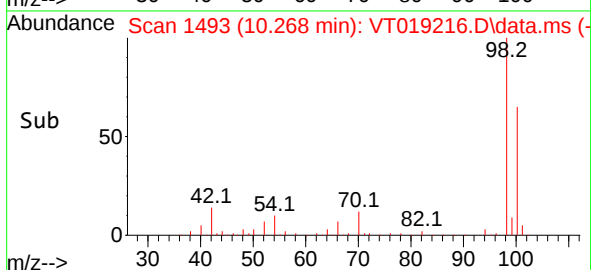
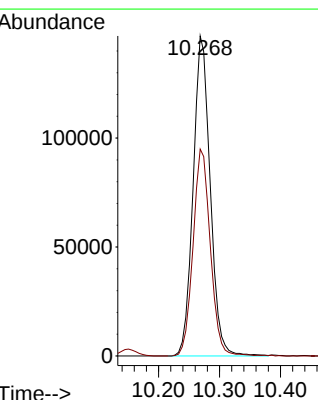
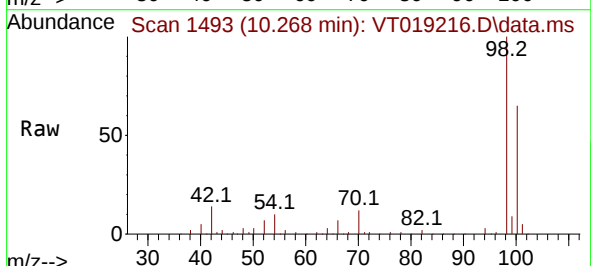
Acq: 30 Oct 2025 13:46

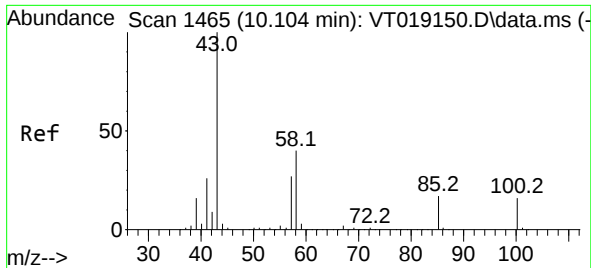
Tgt Ion: 98 Resp: 285984

Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3





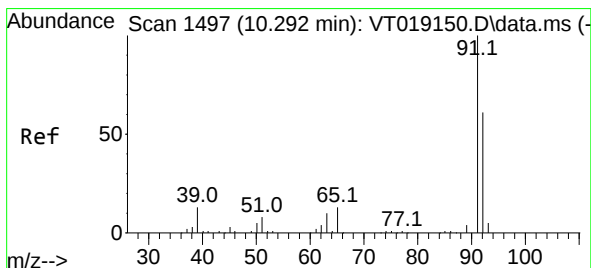
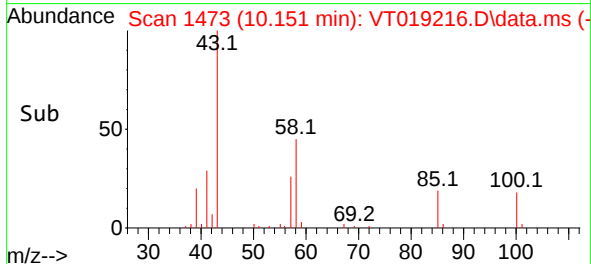
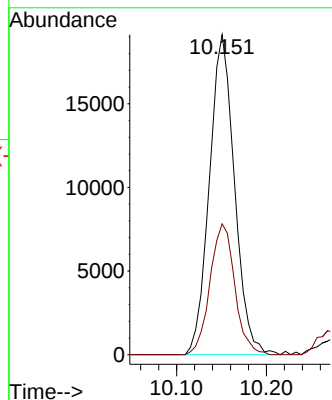
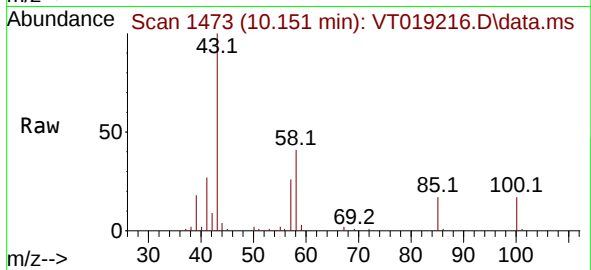
#51
4-Methyl-2-Pentanone
Concen: 14.250 ug/l
RT: 10.151 min Scan# 1465
Delta R.T. 0.042 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
58 40.3 30.5 45.7

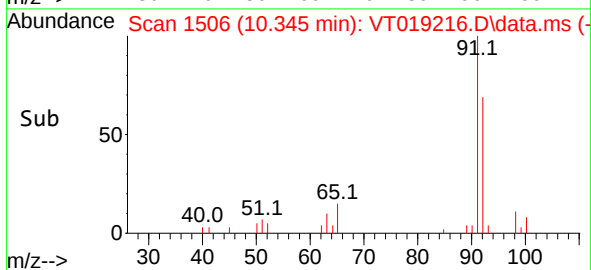
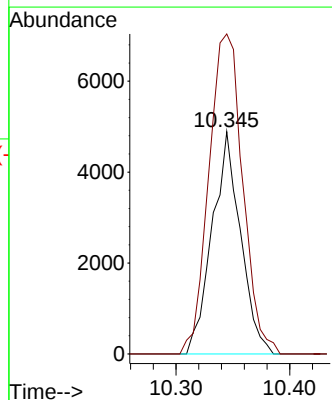
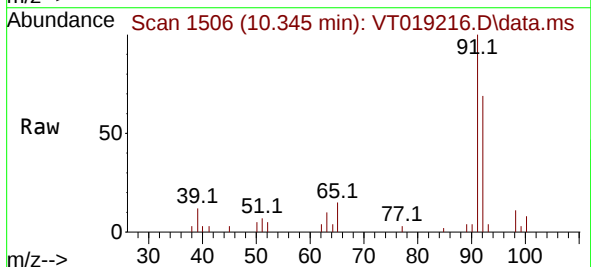
Manual Integrations
APPROVED

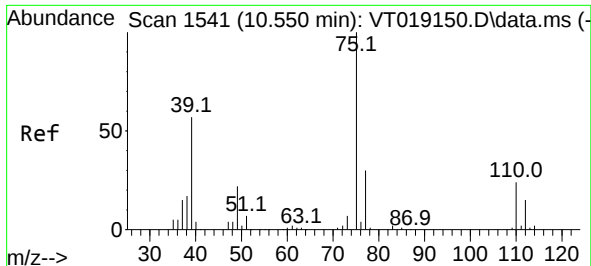
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#52
Toluene
Concen: 2.746 ug/l
RT: 10.345 min Scan# 1506
Delta R.T. 0.048 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 92 Resp: 8490
Ion Ratio Lower Upper
92 100
91 171.5 134.8 202.2





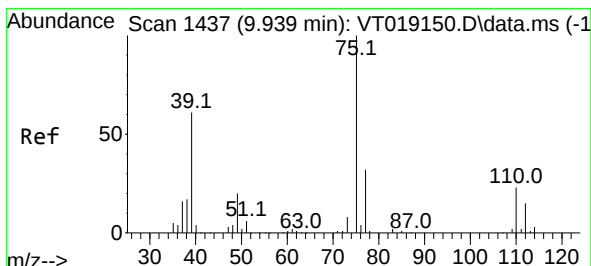
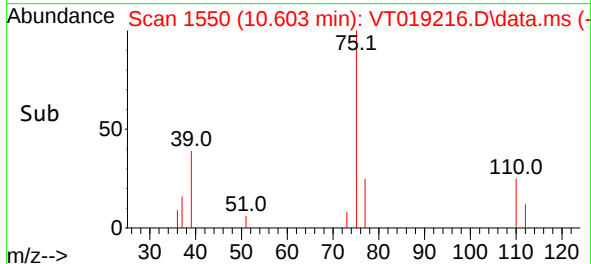
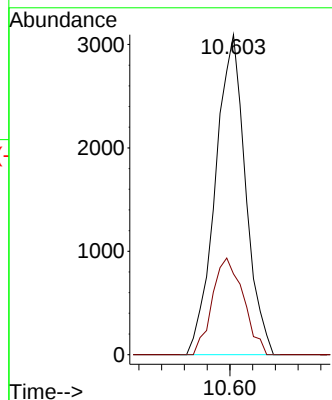
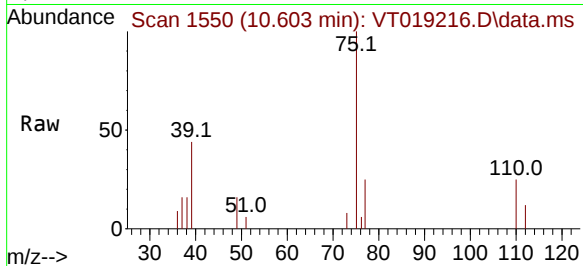
#53
t-1,3-Dichloropropene
Concen: 2.818 ug/l
RT: 10.603 min Scan# 11
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 5698
Ion Ratio Lower Upper
75 100
77 25.2 24.2 36.4

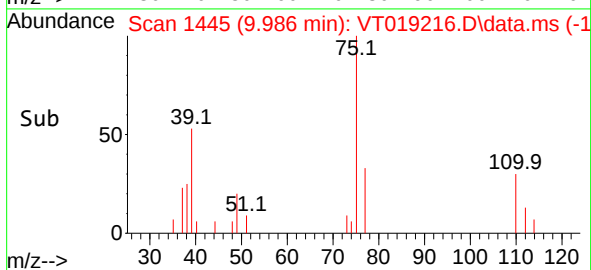
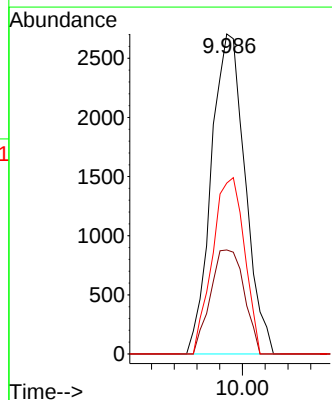
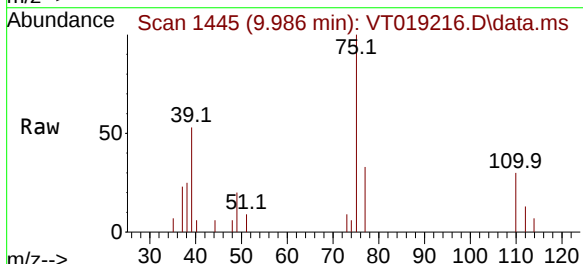
Manual Integrations
APPROVED

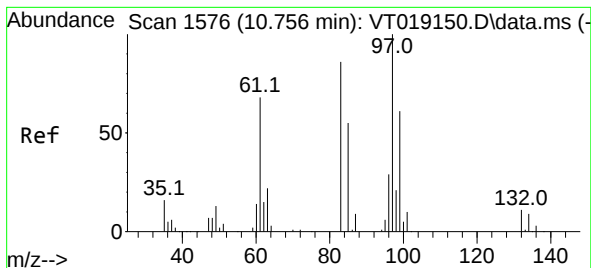
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#54
cis-1,3-Dichloropropene
Concen: 2.664 ug/l
RT: 9.986 min Scan# 1445
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

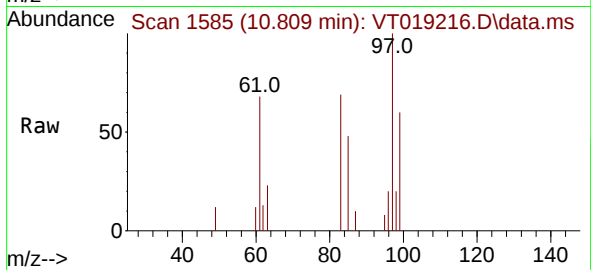
Tgt Ion: 75 Resp: 5578
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 53.4 48.8 73.2





#55
1,1,2-Trichloroethane
Concen: 2.969 ug/l
RT: 10.809 min Scan# 1585
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

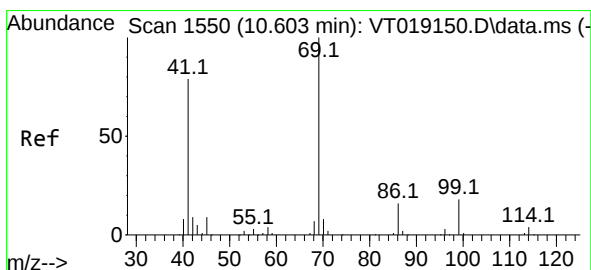
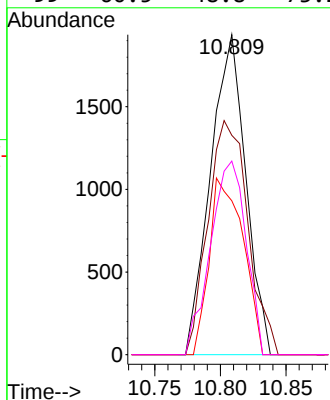
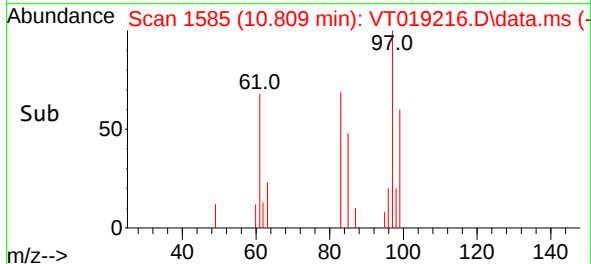
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 97	Resp: 362
Ion Ratio	Lower Upper
97 100	
83 68.5	69.2 103.8
85 48.1	43.8 65.6
99 60.5	48.8 73.2

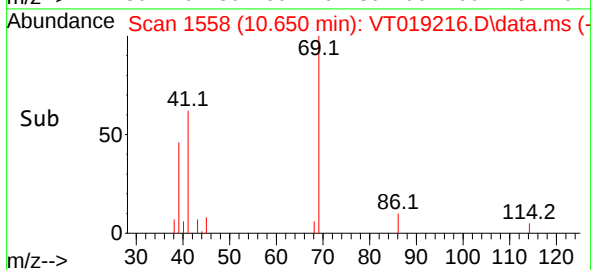
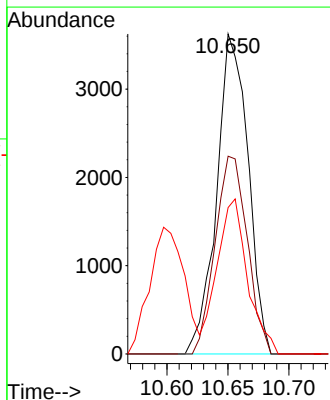
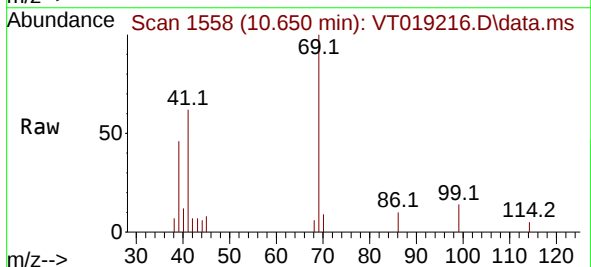
Manual Integrations
APPROVED

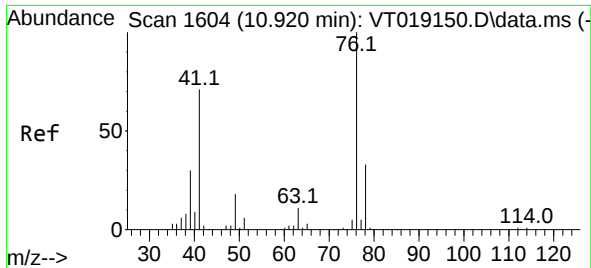
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#56
Ethyl methacrylate
Concen: 2.771 ug/l
RT: 10.650 min Scan# 1558
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 69	Resp: 6495
Ion Ratio	Lower Upper
69 100	
41 63.3	62.6 93.8
39 47.3	37.2 55.8





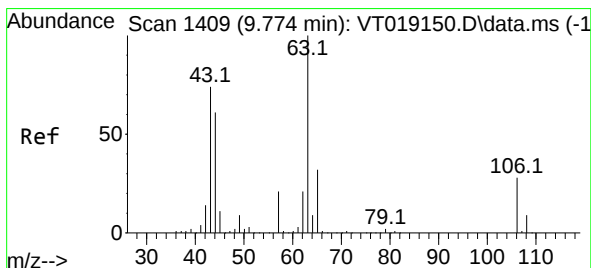
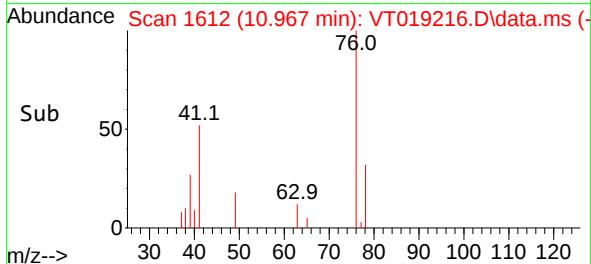
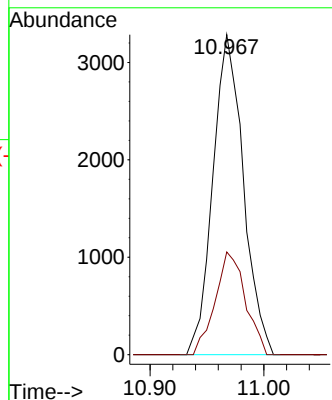
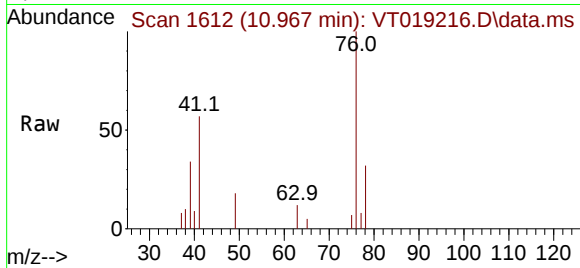
#57
1,3-Dichloropropane
Concen: 2.823 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 76 Resp: 6109
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9

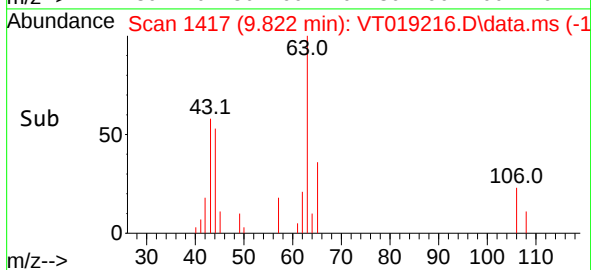
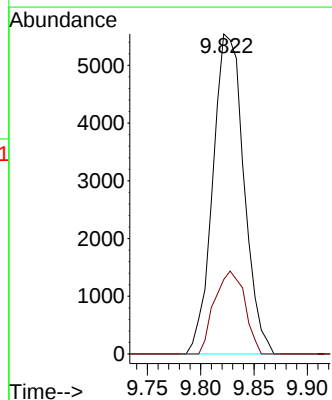
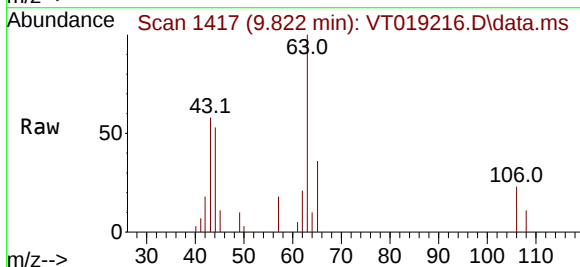
Manual Integrations
APPROVED

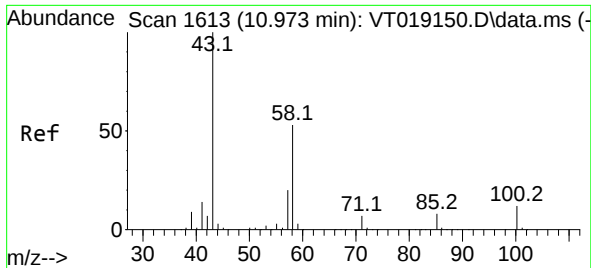
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 17.799 ug/l
RT: 9.822 min Scan# 1417
Delta R.T. 0.042 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 63 Resp: 11226
Ion Ratio Lower Upper
63 100
106 25.2 22.4 33.6





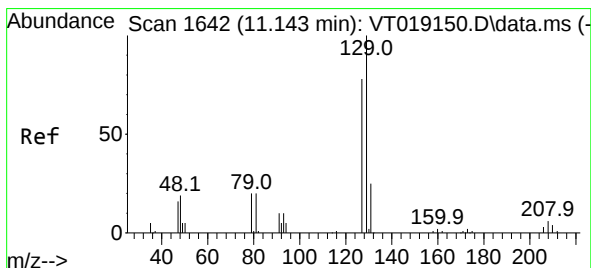
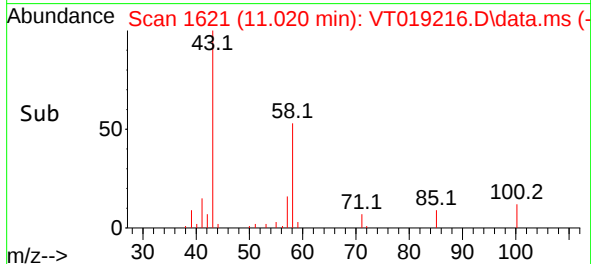
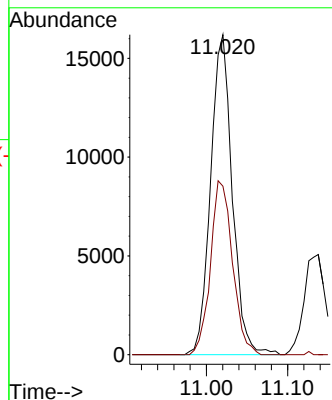
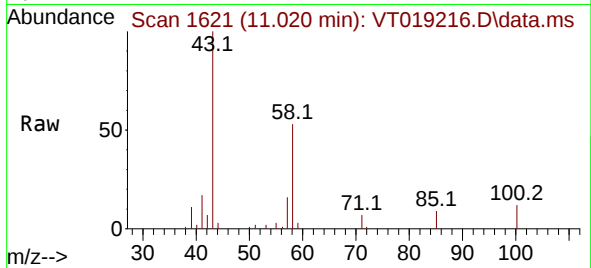
#59
2-Hexanone
Concen: 15.187 ug/l
RT: 11.020 min Scan# 1621
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
58 55.3 26.1 78.3

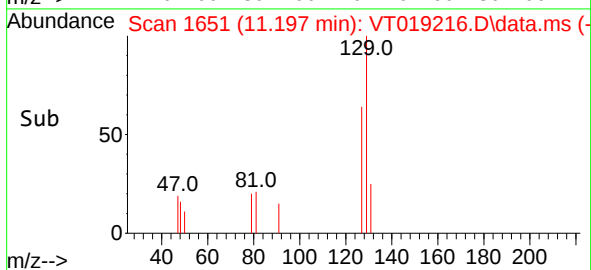
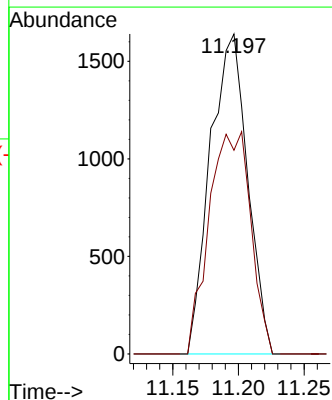
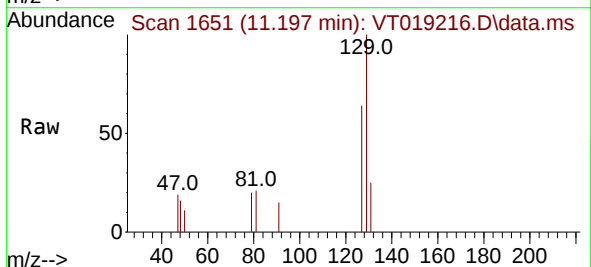
Manual Integrations
APPROVED

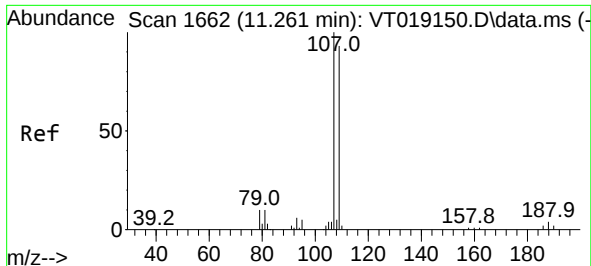
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#60
Dibromochloromethane
Concen: 2.638 ug/l
RT: 11.197 min Scan# 1651
Delta R.T. 0.048 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

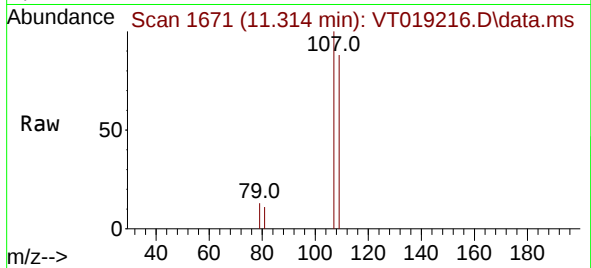
Tgt Ion:129 Resp: 3244
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61
1,2-Dibromoethane
Concen: 2.812 ug/l
RT: 11.314 min Scan# 1662
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

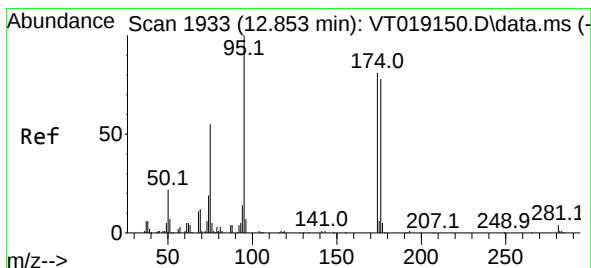
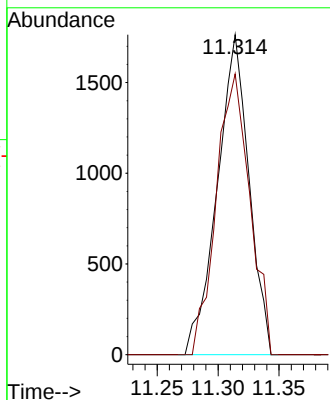
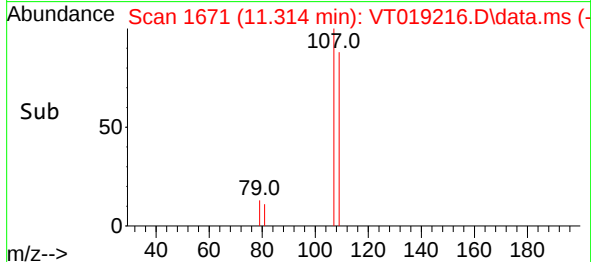
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion:107 Resp: 319
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

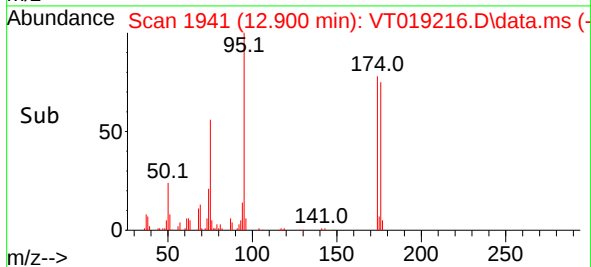
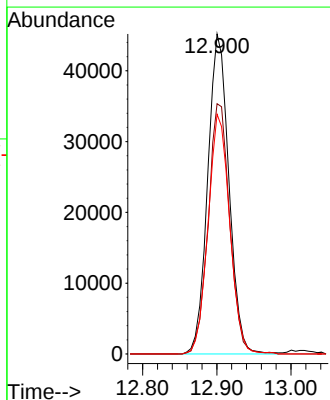
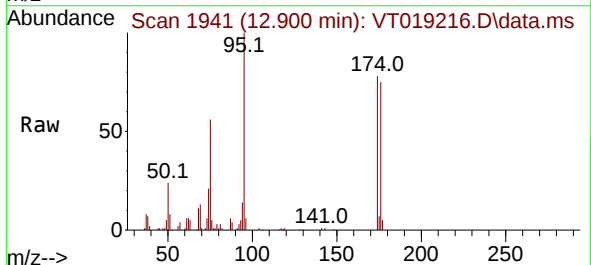
Manual Integrations
APPROVED

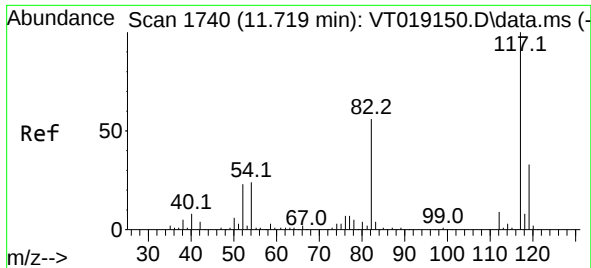
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#62
4-Bromofluorobenzene
Concen: 49.443 ug/l
RT: 12.900 min Scan# 1941
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

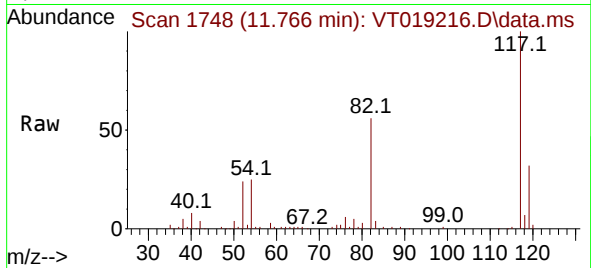
Tgt Ion: 95 Resp: 89704
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.6
176 76.6 0.0 156.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.766 min Scan# 117
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

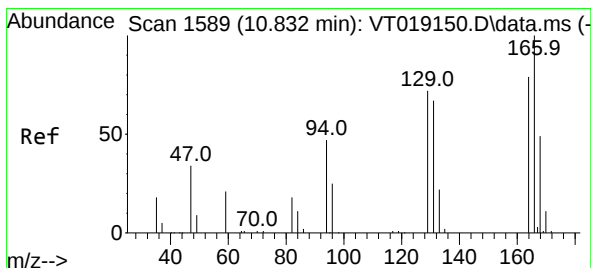
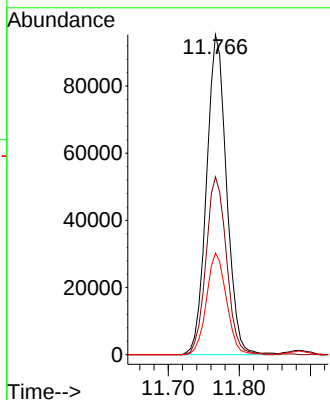
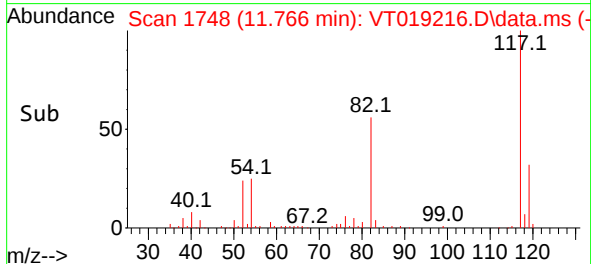
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion:117 Resp: 18696
Ion Ratio Lower Upper
117 100
82 55.6 45.1 67.7
119 31.7 26.6 40.0

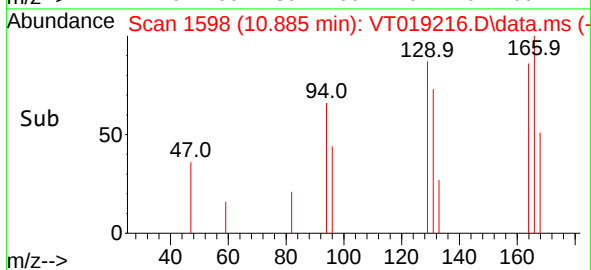
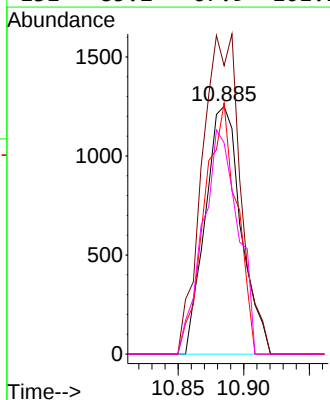
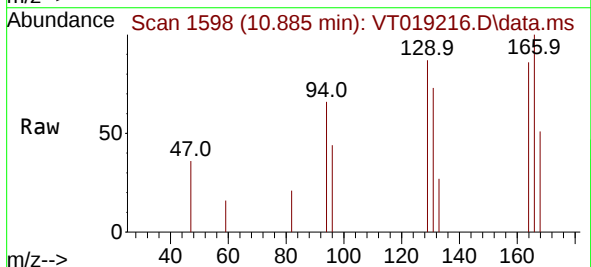
Manual Integrations
APPROVED

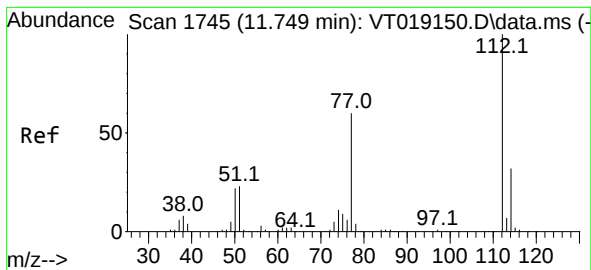
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#64
Tetrachloroethene
Concen: 2.791 ug/l
RT: 10.885 min Scan# 1598
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

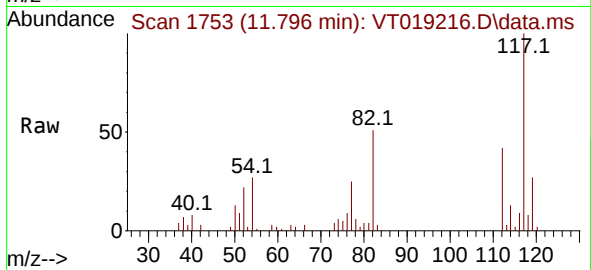
Tgt Ion:164 Resp: 2372
Ion Ratio Lower Upper
164 100
166 116.4 100.9 151.3
129 101.4 72.4 108.6
131 85.2 67.9 101.9





#65
Chlorobenzene
Concen: 2.851 ug/l
RT: 11.796 min Scan# 1753
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

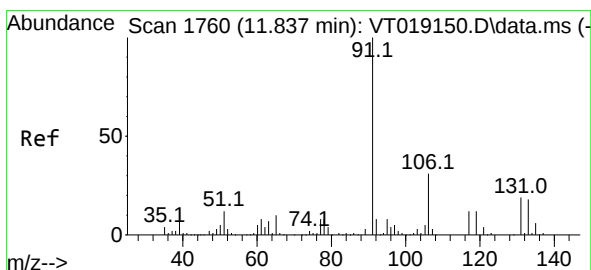
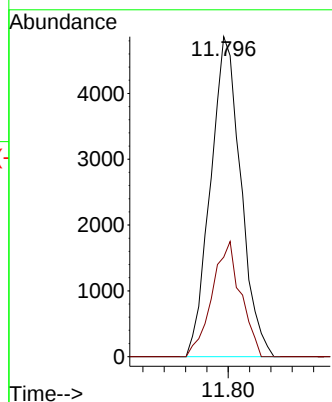
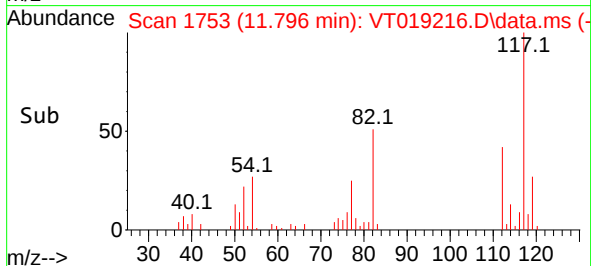
Instrument :
MSVOA_T
ClientSampleId :
MDL05



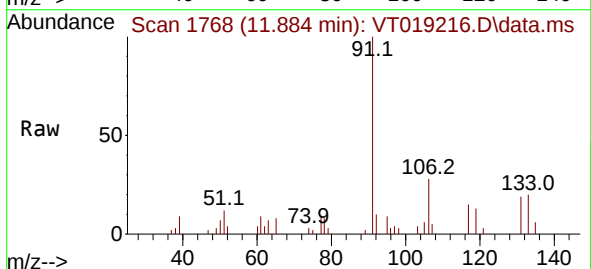
Tgt Ion:112 Resp: 956
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8

Manual Integrations
APPROVED

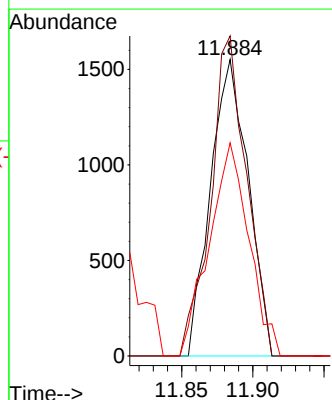
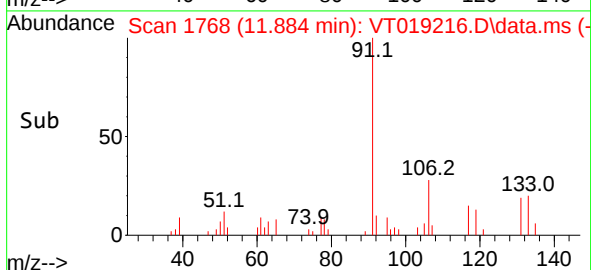
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

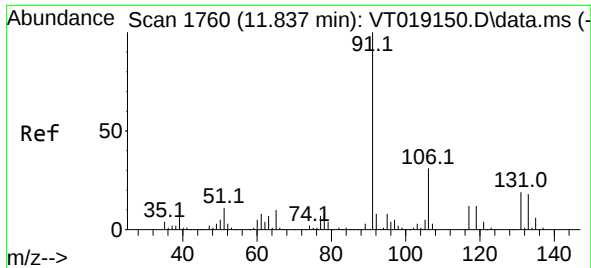


#66
1,1,1,2-Tetrachloroethane
Concen: 2.494 ug/l
RT: 11.884 min Scan# 1768
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion:131 Resp: 2865
Ion Ratio Lower Upper
131 100
133 102.6 47.4 142.3
119 75.5 31.7 95.1





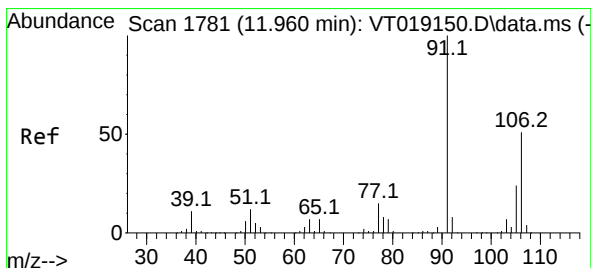
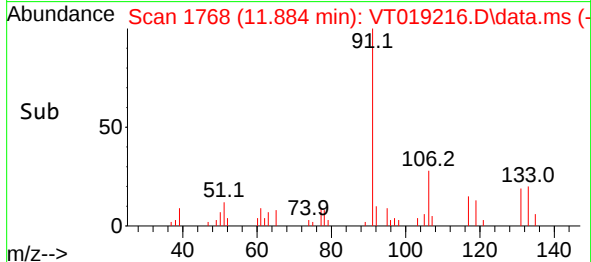
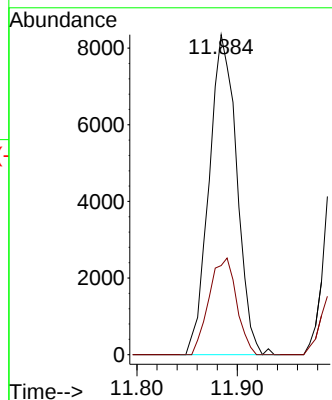
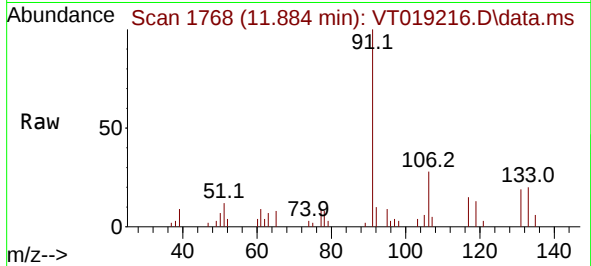
#67
Ethyl Benzene
Concen: 2.549 ug/l
RT: 11.884 min Scan# 1768
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 1599
Ion Ratio Lower Upper
91 100
106 27.8 24.8 37.2

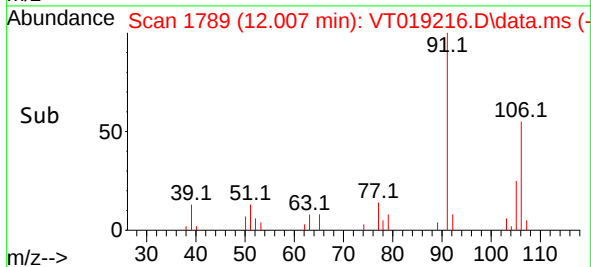
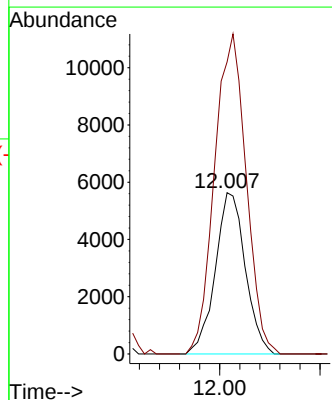
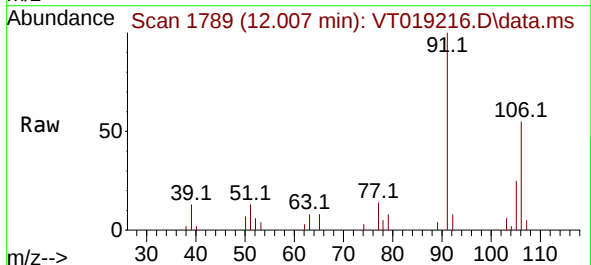
Manual Integrations
APPROVED

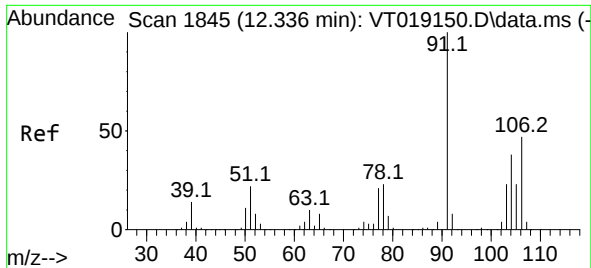
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#68
m/p-Xylenes
Concen: 5.036 ug/l
RT: 12.007 min Scan# 1789
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion:106 Resp: 11671
Ion Ratio Lower Upper
106 100
91 209.2 161.0 241.6





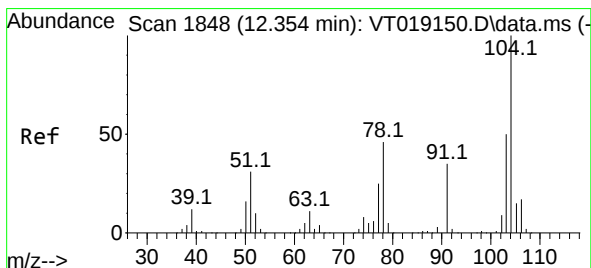
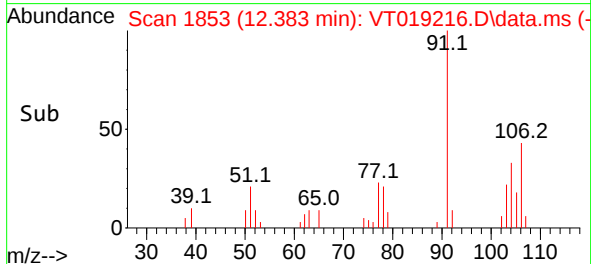
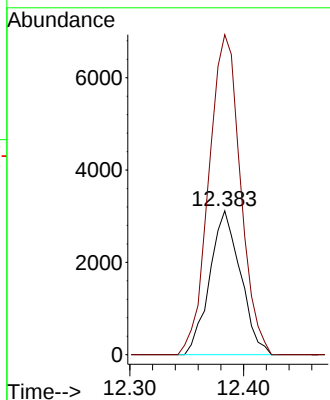
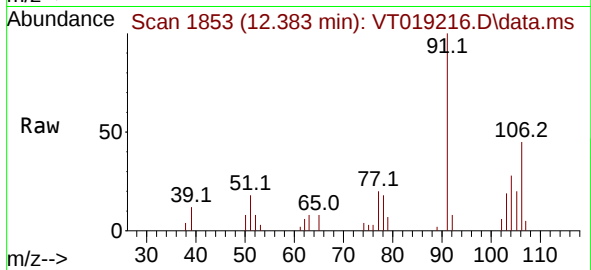
#69
o-Xylene
Concen: 2.550 ug/l
RT: 12.383 min Scan# 1853
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 587
Ion Ratio Lower Upper
106 100
91 228.1 106.5 319.5

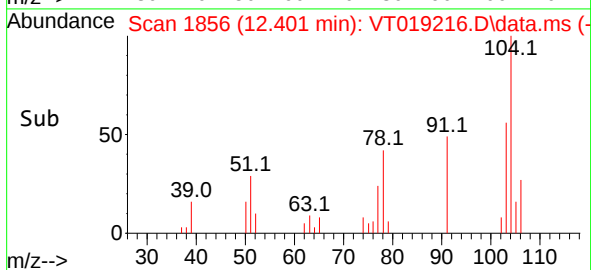
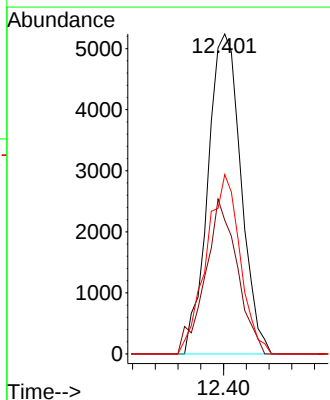
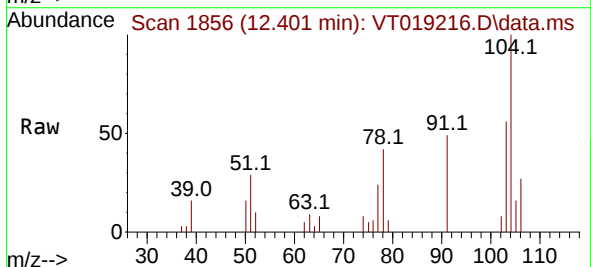
Manual Integrations
APPROVED

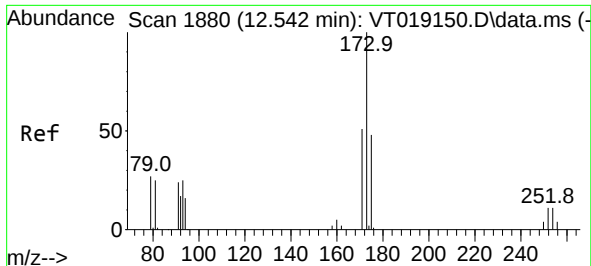
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#70
Styrene
Concen: 2.549 ug/l
RT: 12.401 min Scan# 1856
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

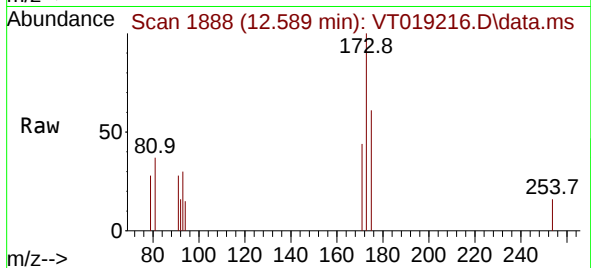
Tgt Ion:104 Resp: 10572
Ion Ratio Lower Upper
104 100
78 46.8 40.8 61.2
103 57.5 43.8 65.6





#71
Bromoform
Concen: 2.550 ug/l
RT: 12.589 min Scan# 11
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

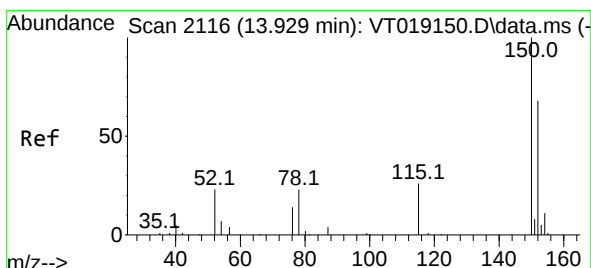
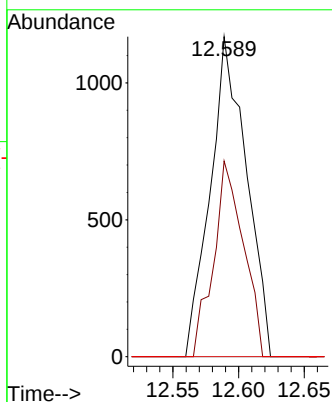
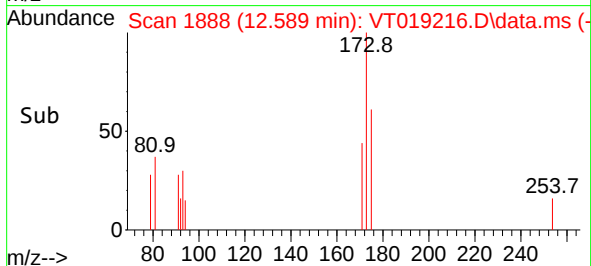
Instrument :
MSVOA_T
ClientSampleId :
MDL05



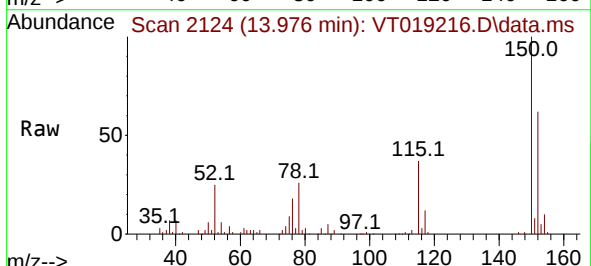
Tgt Ion:173 Resp: 2240
Ion Ratio Lower Upper
173 100
175 50.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

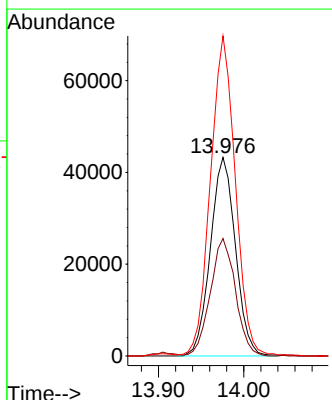
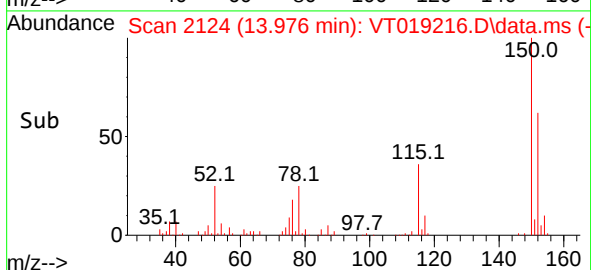
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

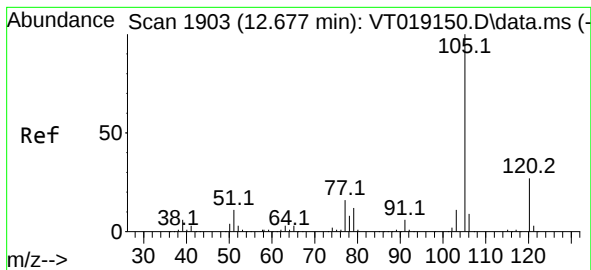


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.976 min Scan# 2124
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion:152 Resp: 88377
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.9
150 160.5 0.0 342.6





#73

Isopropylbenzene

Concen: 2.562 ug/l

RT: 12.724 min Scan# 1903

Delta R.T. 0.041 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 1558

Ion Ratio Lower Upper

105 100

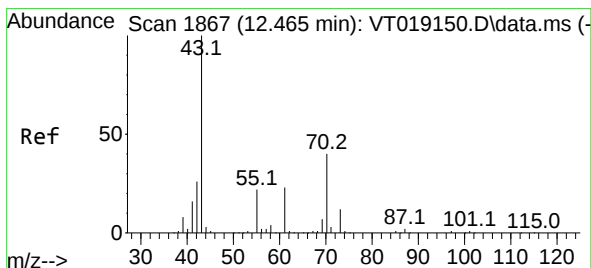
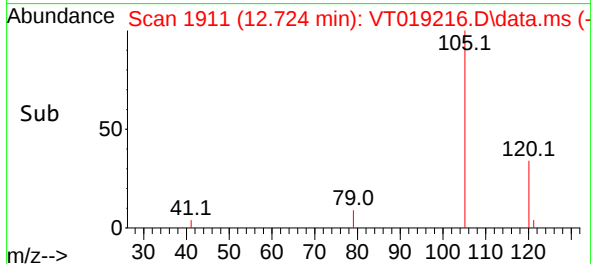
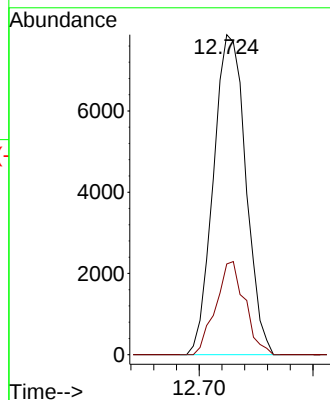
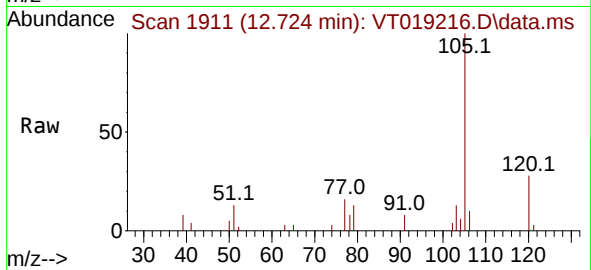
120 26.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#74

N-ethyl acetate

Concen: 2.776 ug/l

RT: 12.513 min Scan# 1875

Delta R.T. 0.042 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Tgt Ion: 43 Resp: 8520

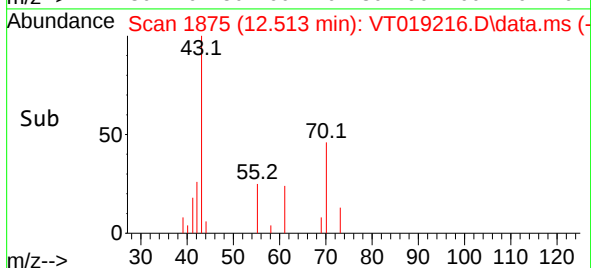
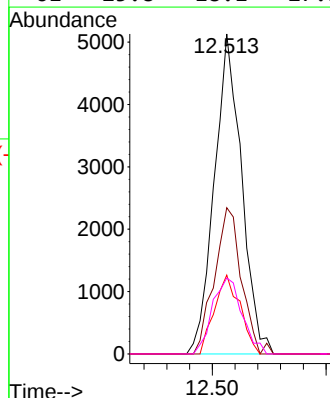
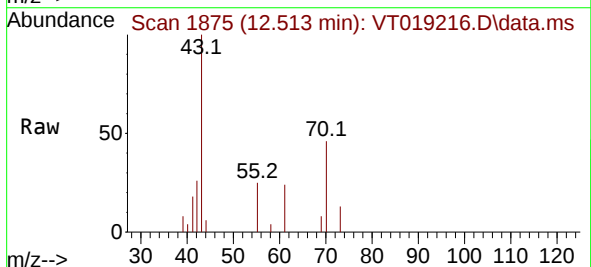
Ion Ratio Lower Upper

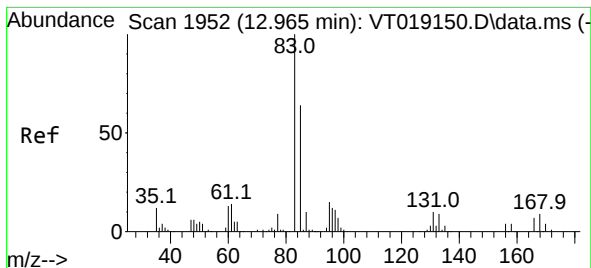
43 100

70 45.4 31.3 46.9

55 23.3 17.4 26.0

61 25.8 18.1 27.1





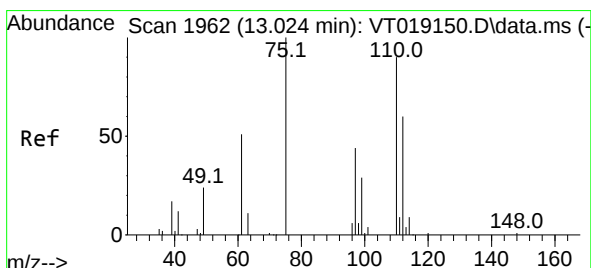
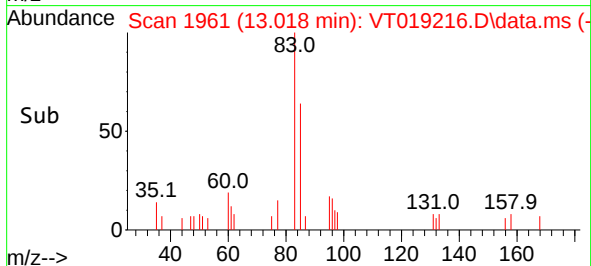
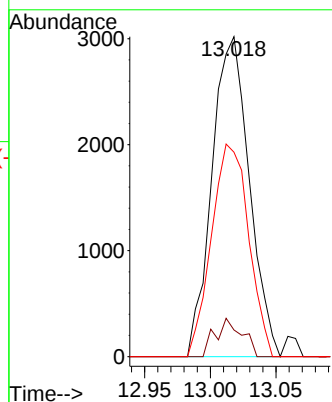
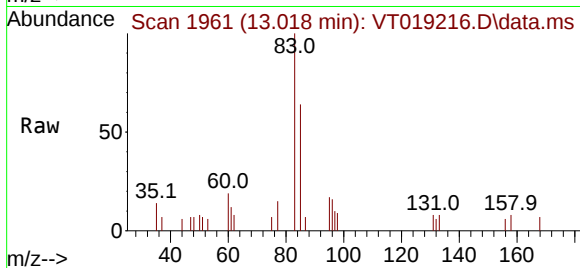
#75
1,1,2,2-Tetrachloroethane
Concen: 2.865 ug/l
RT: 13.018 min Scan# 1952
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 5972
Ion Ratio Lower Upper
83 100
131 8.6 5.2 15.6
85 66.1 32.8 98.4

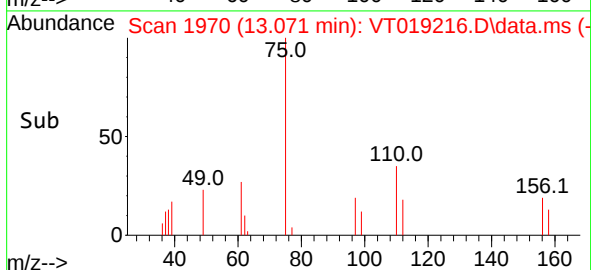
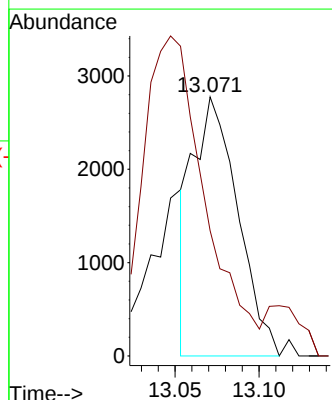
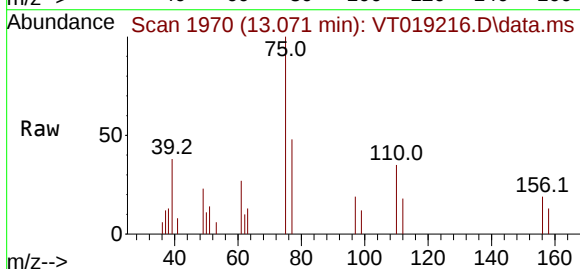
Manual Integrations
APPROVED

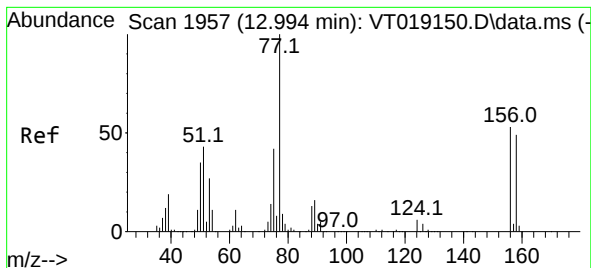
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#76
1,2,3-Trichloropropane
Concen: 2.853 ug/l m
RT: 13.071 min Scan# 1970
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Tgt Ion: 75 Resp: 5188
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.838 ug/l

RT: 13.047 min Scan# 1957

Delta R.T. 0.047 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

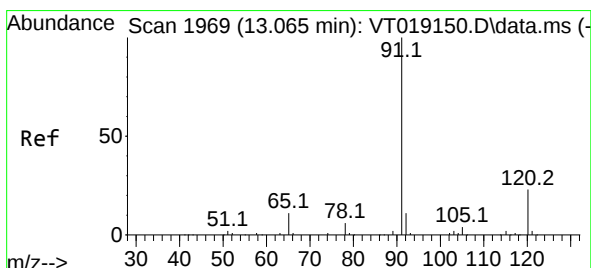
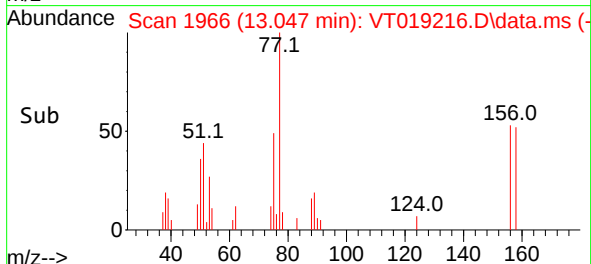
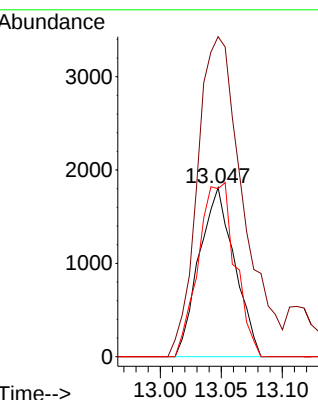
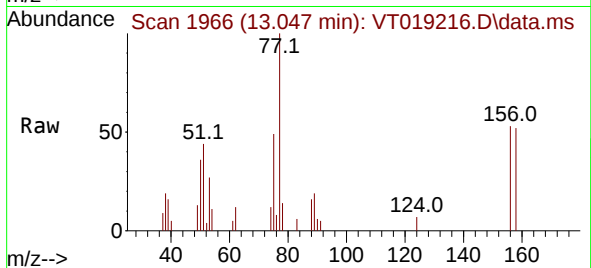
Tgt Ion:156 Resp: 3664
 Ion Ratio Lower Upper
 156 100
 77 242.8 113.1 339.3
 158 106.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#78

n-propylbenzene

Concen: 2.677 ug/l

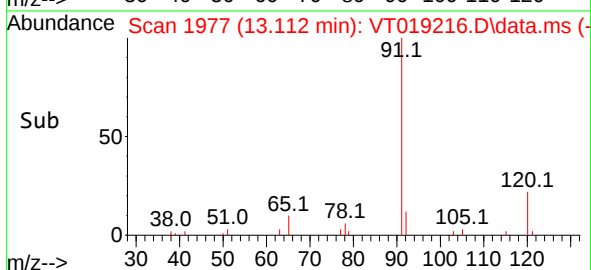
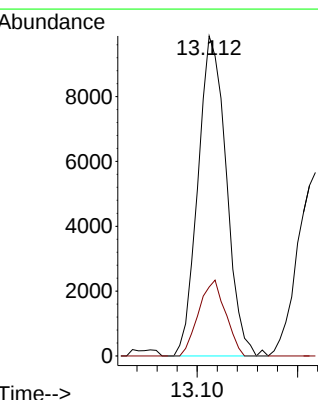
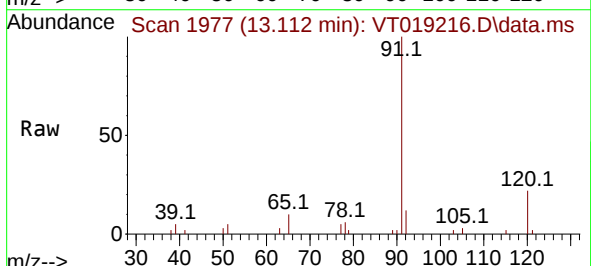
RT: 13.112 min Scan# 1977

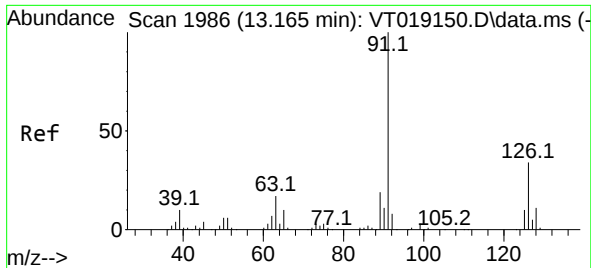
Delta R.T. 0.041 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Tgt Ion: 91 Resp: 19350
 Ion Ratio Lower Upper
 91 100
 120 22.4 11.6 34.8





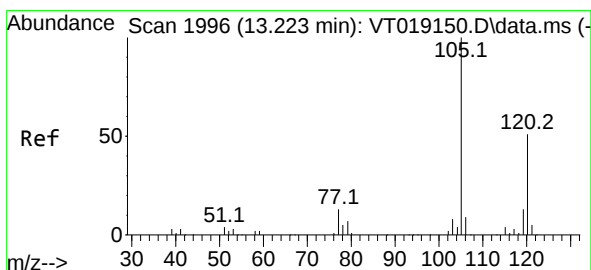
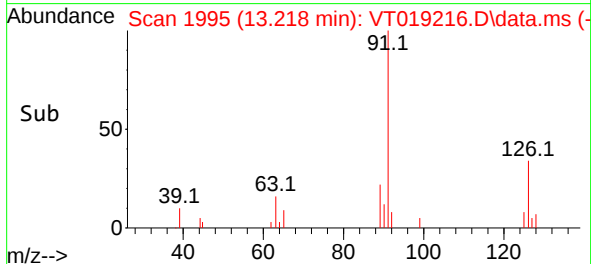
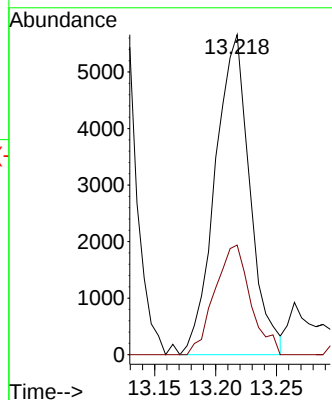
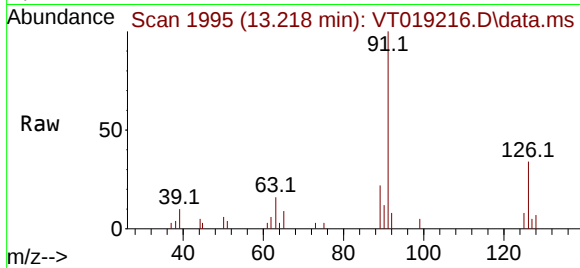
#79
2-Chlorotoluene
Concen: 2.718 ug/l
RT: 13.218 min Scan# 1986
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 1125
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2

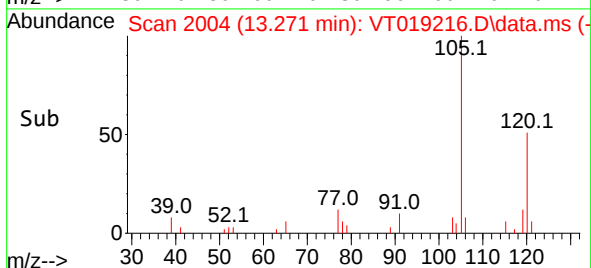
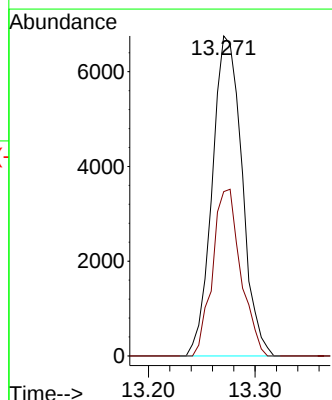
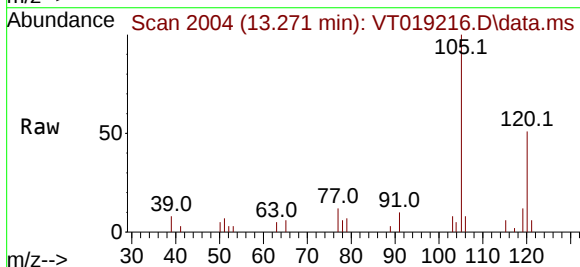
Manual Integrations
APPROVED

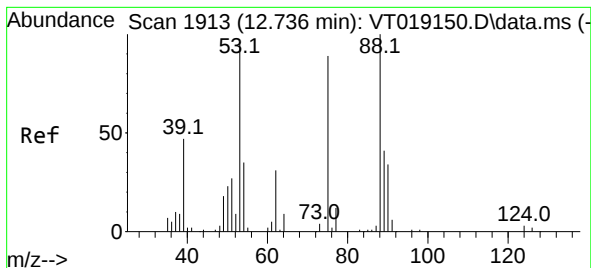
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.680 ug/l
RT: 13.271 min Scan# 2004
Delta R.T. 0.042 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

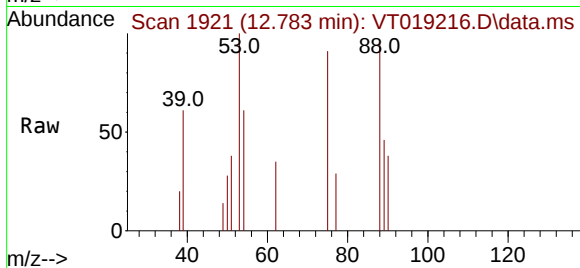
Tgt Ion:105 Resp: 13097
Ion Ratio Lower Upper
105 100
120 49.1 25.5 76.5





#81
trans-1,4-Dichloro-2-butene
Concen: 2.307 ug/l
RT: 12.783 min Scan# 1913
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

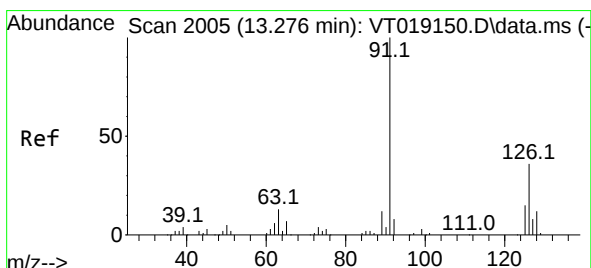
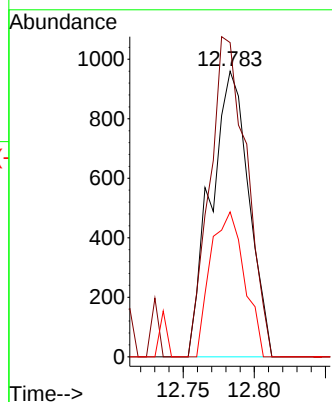
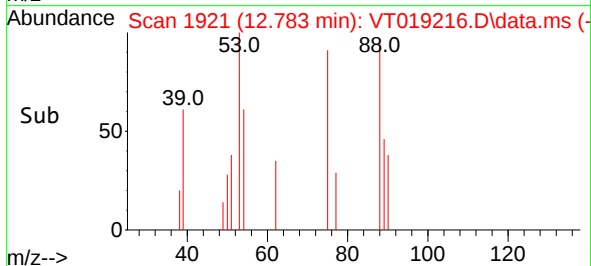
Instrument :
MSVOA_T
ClientSampleId :
MDL05



Tgt Ion: 75 Resp: 1788
Ion Ratio Lower Upper
75 100
53 108.8 86.0 129.0
89 45.2 36.3 54.5

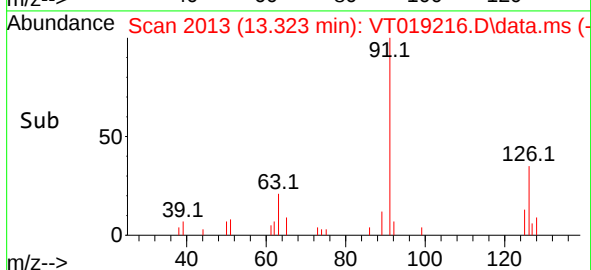
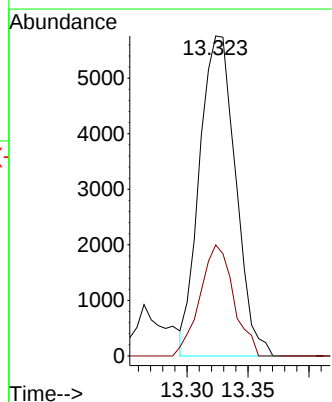
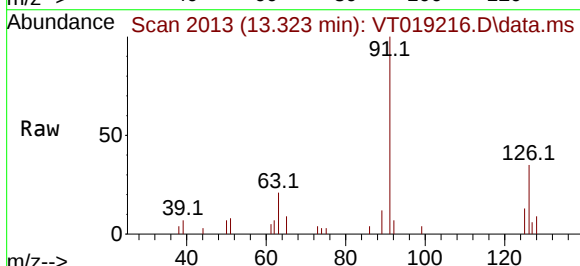
Manual Integrations
APPROVED

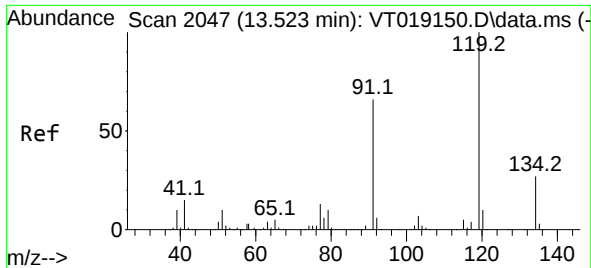
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#82
4-Chlorotoluene
Concen: 2.816 ug/l
RT: 13.323 min Scan# 2013
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

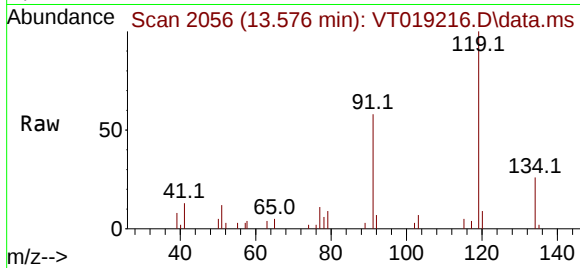
Tgt Ion: 91 Resp: 11868
Ion Ratio Lower Upper
91 100
126 32.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 2.762 ug/l
RT: 13.576 min Scan# 2056
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

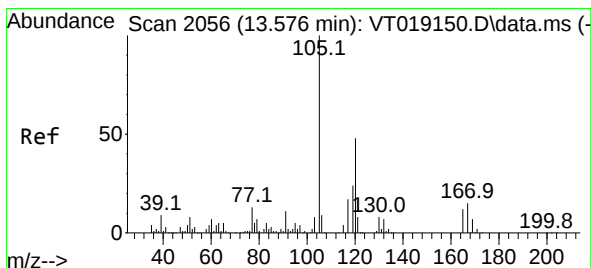
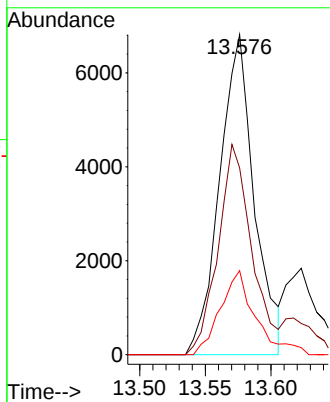
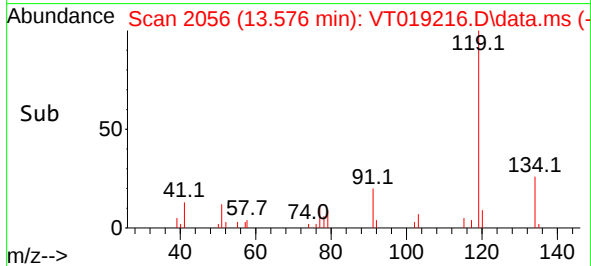
Instrument :
MSVOA_T
ClientSampleId :
MDL05



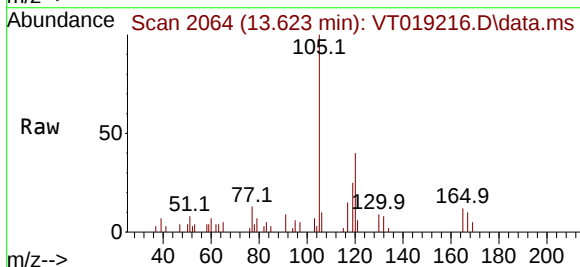
Tgt Ion:119 Resp: 12494
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.7 14.8 44.3

Manual Integrations
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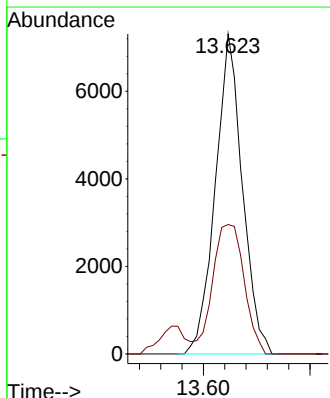
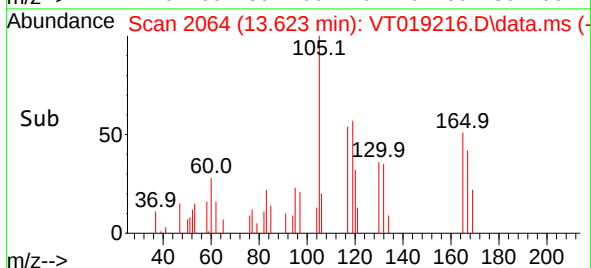
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

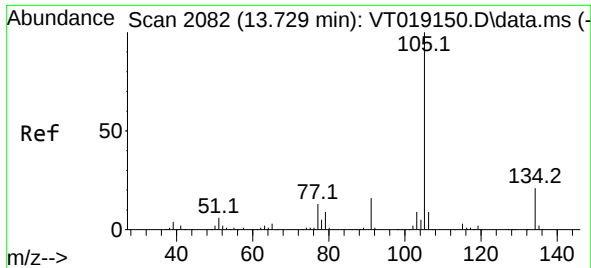


#84
1,2,4-Trimethylbenzene
Concen: 2.589 ug/l
RT: 13.623 min Scan# 2064
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion:105 Resp: 12849
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





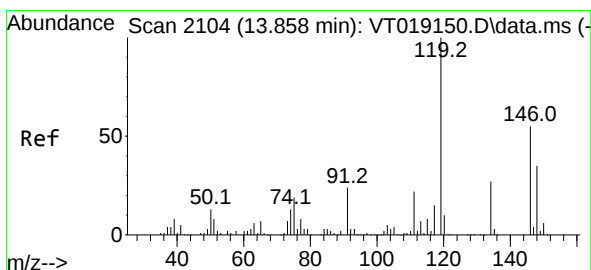
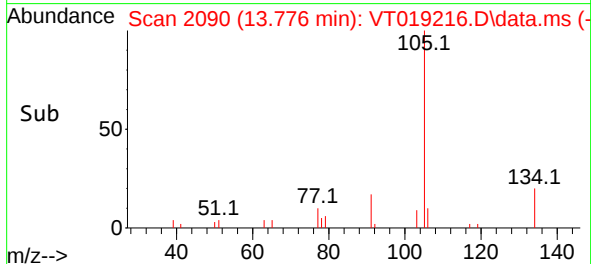
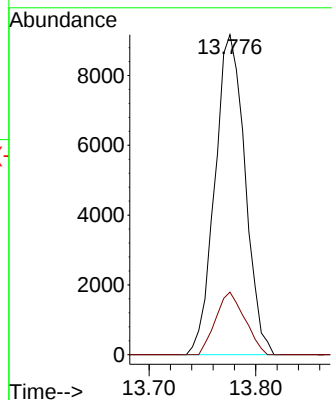
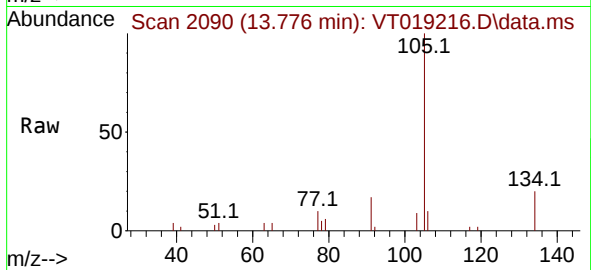
#85
 sec-Butylbenzene
 Concen: 2.713 ug/l
 RT: 13.776 min Scan# 2082
 Delta R.T. 0.047 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

Tgt Ion:105 Resp: 1799
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.7 32.1

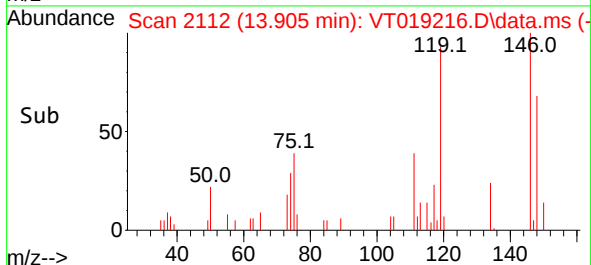
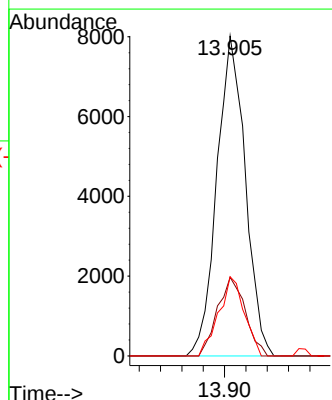
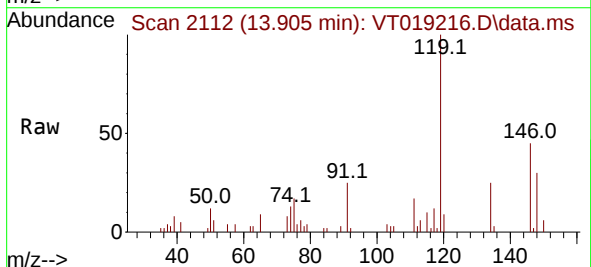
Manual Integrations
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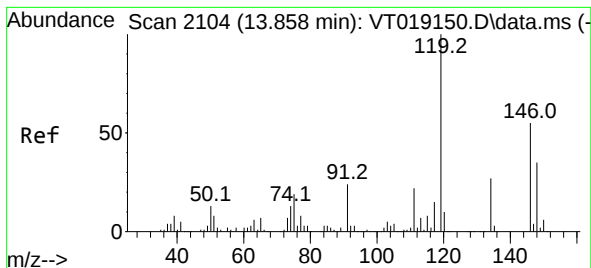
Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025



#86
 p-Isopropyltoluene
 Concen: 2.677 ug/l
 RT: 13.905 min Scan# 2112
 Delta R.T. 0.041 min
 Lab File: VT019216.D
 Acq: 30 Oct 2025 13:46

Tgt Ion:119 Resp: 14828
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.4 40.1
 91 22.2 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 2.932 ug/l

RT: 13.905 min Scan# 2112

Delta R.T. 0.041 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

Instrument :

MSVOA_T

ClientSampleId :

MDL05

Tgt Ion:146 Resp: 7760

Ion Ratio Lower Upper

146 100

111 38.6 20.3 60.9

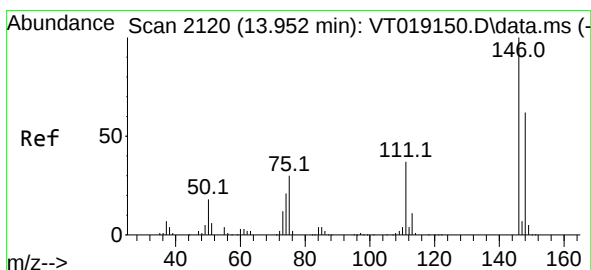
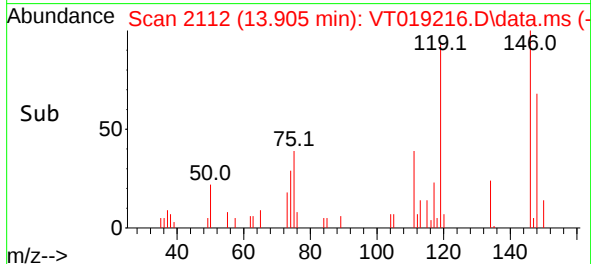
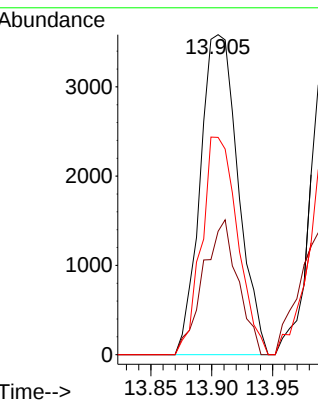
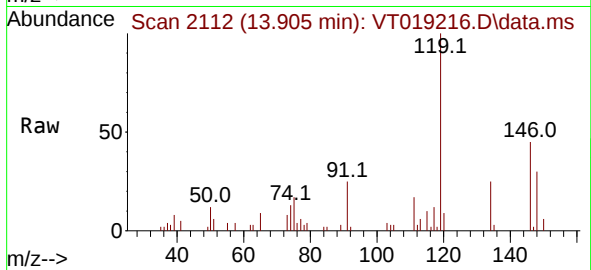
148 64.5 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/31/2025

Supervised By :Mahesh Dadoda 10/31/2025



#88

1,4-Dichlorobenzene

Concen: 2.984 ug/l

RT: 13.993 min Scan# 2127

Delta R.T. 0.041 min

Lab File: VT019216.D

Acq: 30 Oct 2025 13:46

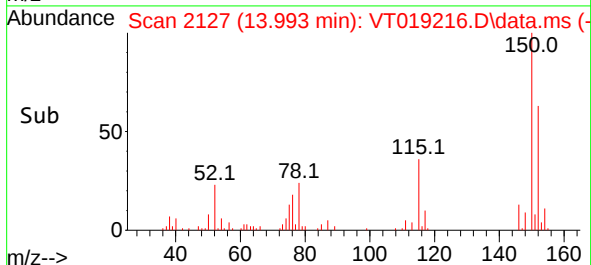
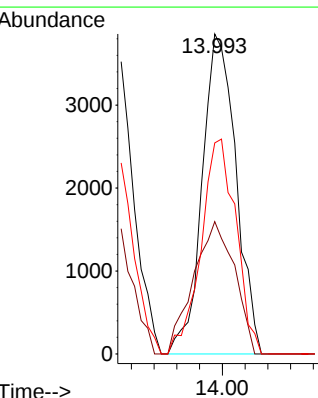
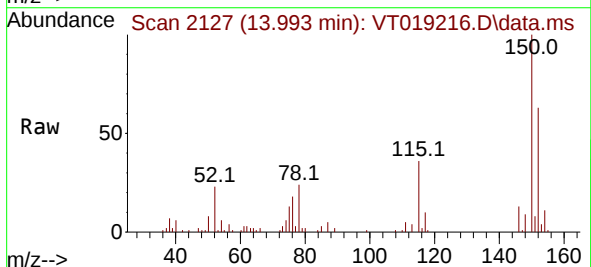
Tgt Ion:146 Resp: 7962

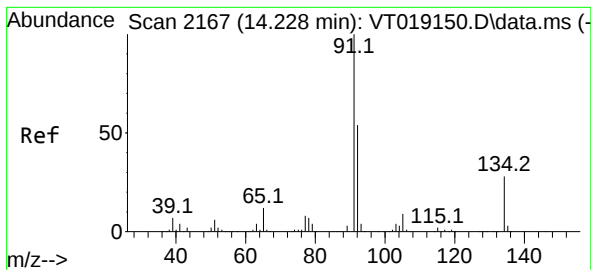
Ion Ratio Lower Upper

146 100

111 50.1 19.3 57.8

148 69.3 31.8 95.4





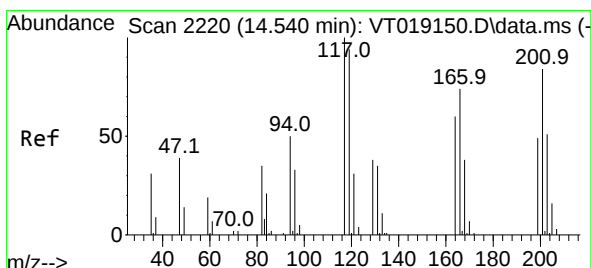
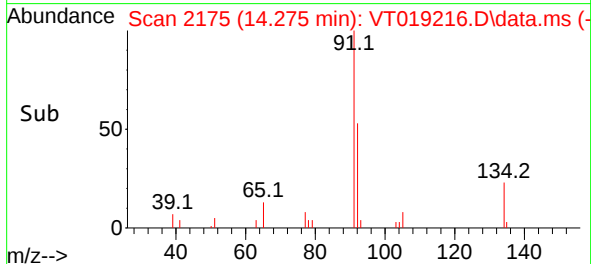
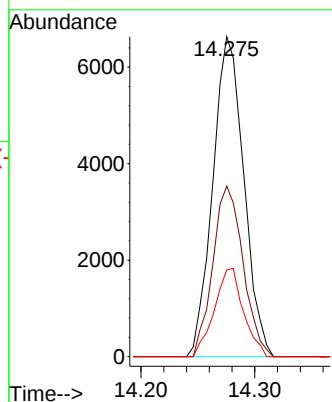
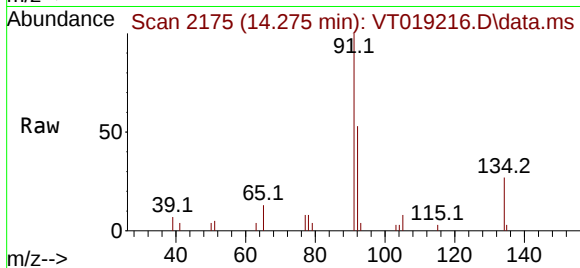
#89
n-Butylbenzene
Concen: 2.454 ug/l
RT: 14.275 min Scan# 2167
Delta R.T. 0.041 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 12554
Ion Ratio Lower Upper
91 100
92 52.0 27.1 81.2
134 25.9 13.7 41.0

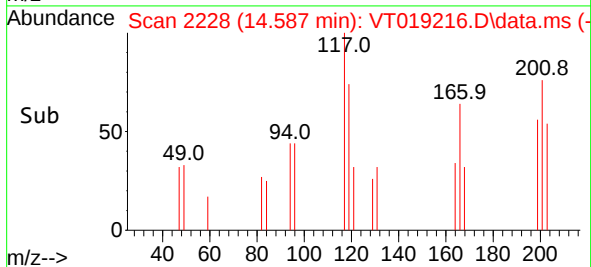
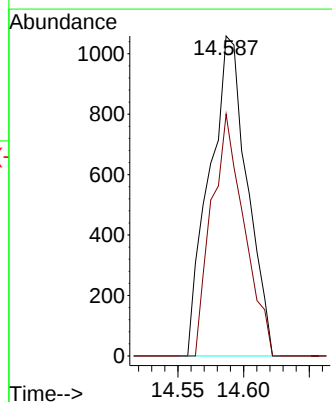
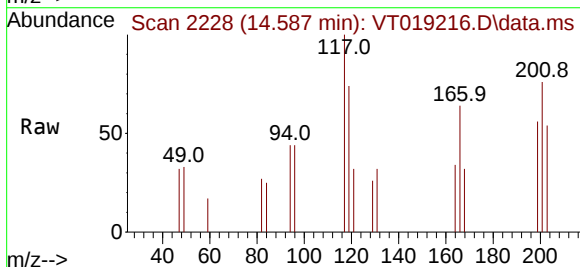
Manual Integrations
APPROVED

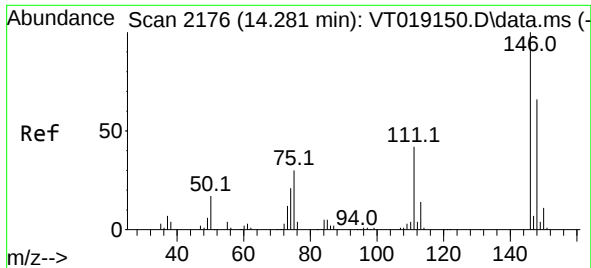
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#90
Hexachloroethane
Concen: 2.475 ug/l
RT: 14.587 min Scan# 2228
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

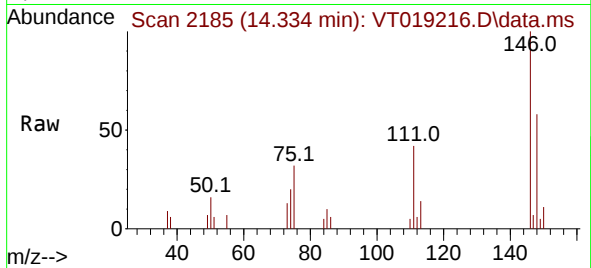
Tgt Ion:117 Resp: 2115
Ion Ratio Lower Upper
117 100
201 65.5 39.7 119.1





#91
1,2-Dichlorobenzene
Concen: 2.770 ug/l
RT: 14.334 min Scan# 2176
Delta R.T. 0.047 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

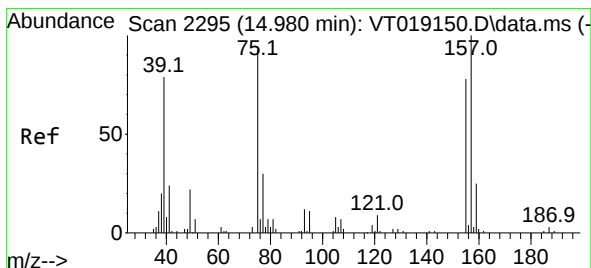
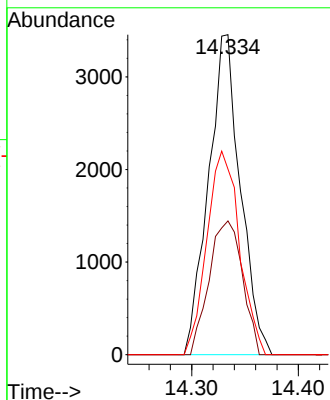
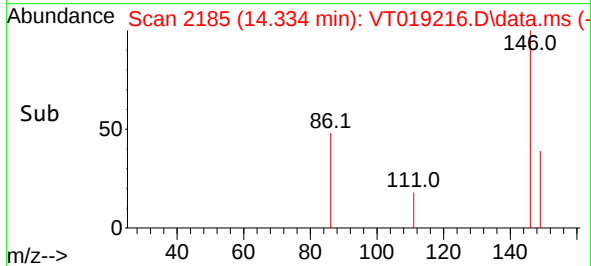
Instrument :
MSVOA_T
ClientSampleId :
MDL05



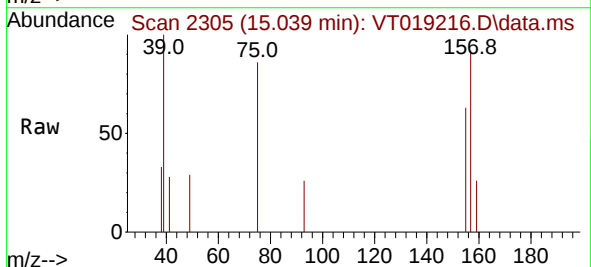
Tgt Ion:146 Resp: 718
Ion Ratio Lower Upper
146 100
111 43.6 20.8 62.4
148 65.0 32.6 97.8

Manual Integrations
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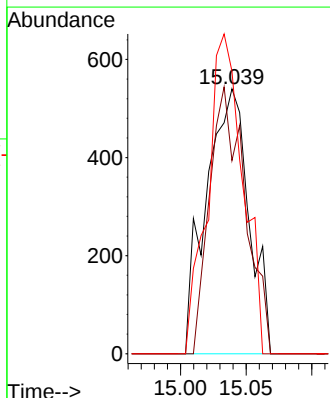
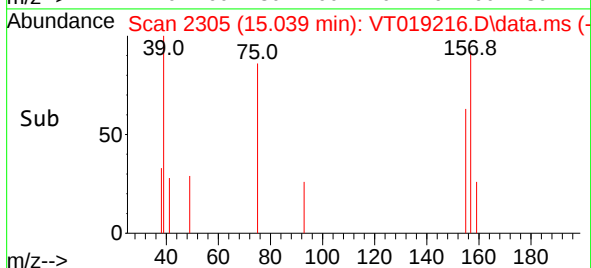
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

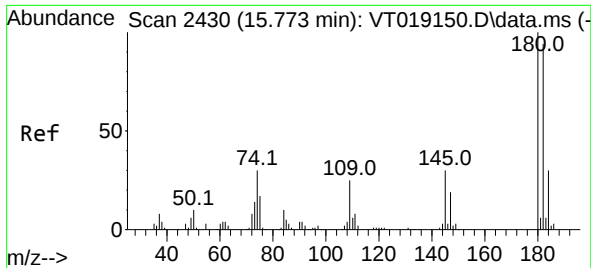


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.725 ug/l
RT: 15.039 min Scan# 2305
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



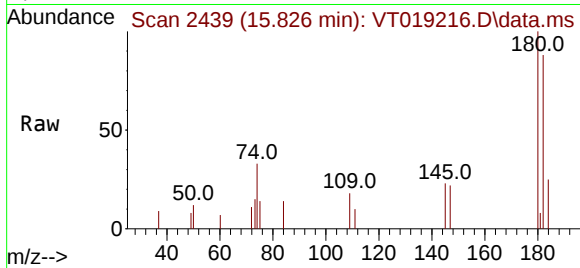
Tgt Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
155 83.8 42.9 128.7
157 99.8 54.9 164.8





#93
1,2,4-Trichlorobenzene
Concen: 2.905 ug/l
RT: 15.826 min Scan# 2439
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

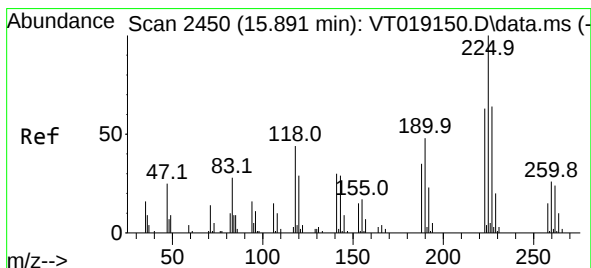
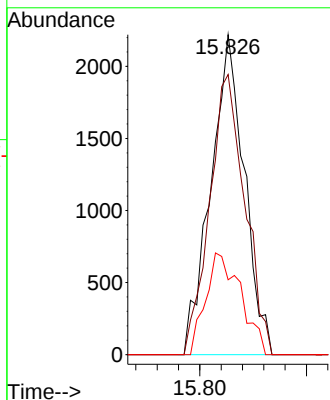
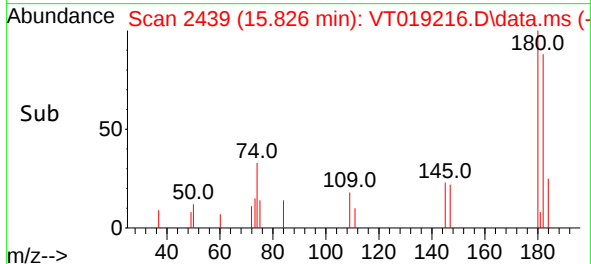
Instrument :
MSVOA_T
ClientSampleId :
MDL05



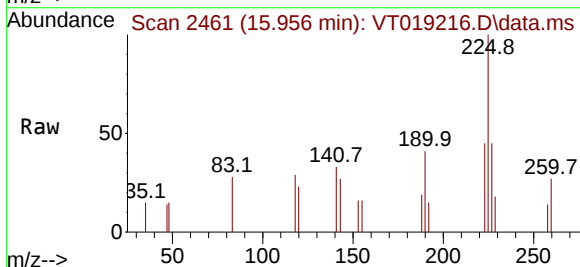
Tgt Ion:180 Resp: 484
Ion Ratio Lower Upper
180 100
182 91.7 47.0 141.0
145 33.3 15.0 45.0

Manual Integrations
APPROVED

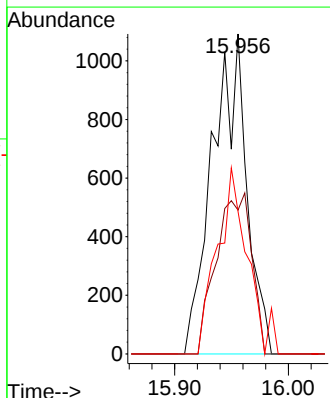
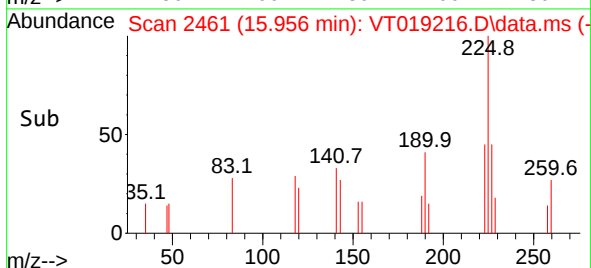
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

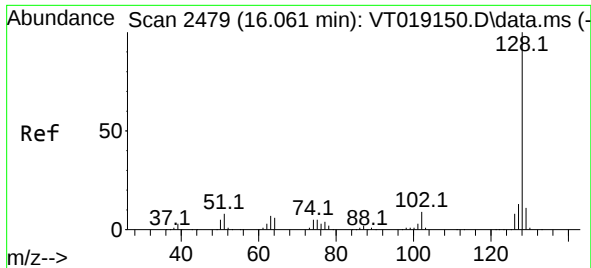


#94
Hexachlorobutadiene
Concen: 3.323 ug/l
RT: 15.956 min Scan# 2461
Delta R.T. 0.059 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



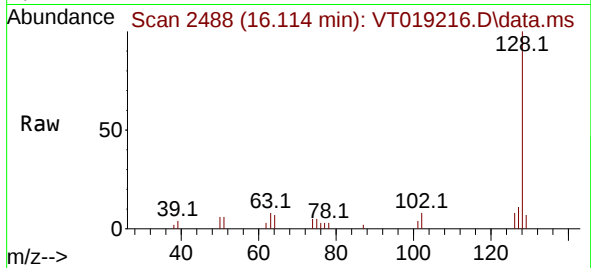
Tgt Ion:225 Resp: 2287
Ion Ratio Lower Upper
225 100
223 51.9 31.1 93.5
227 51.5 31.9 95.9





#95
Naphthalene
Concen: 3.161 ug/l
RT: 16.114 min Scan# 2479
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46

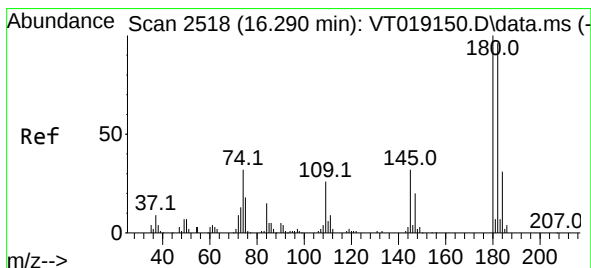
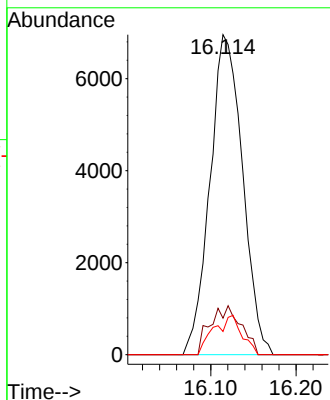
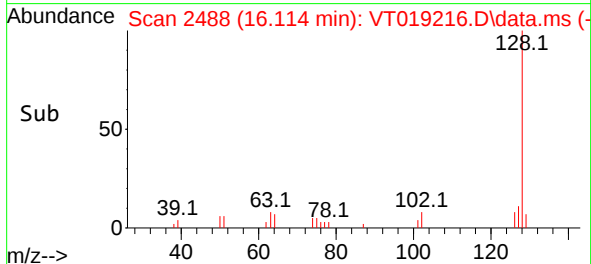
Instrument :
MSVOA_T
ClientSampleId :
MDL05



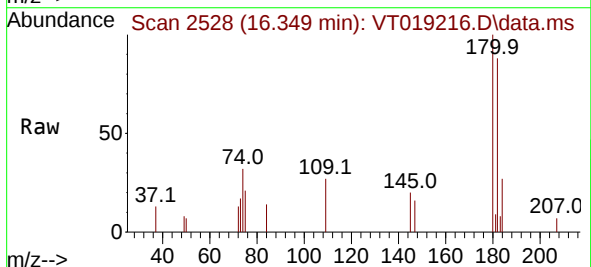
Tgt Ion:128 Resp: 1846
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.949 ug/l
RT: 16.349 min Scan# 2528
Delta R.T. 0.053 min
Lab File: VT019216.D
Acq: 30 Oct 2025 13:46



Tgt Ion:180 Resp: 4856
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.8
145 28.7 15.8 47.4

