

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019189.D
 Acq On : 27 Oct 2025 10:31
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 05:58:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.025	128	24611m	30.000	ug/l	-0.05
28) 1,4-Difluorobenzene	8.529	114	165626	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.708	117	135576	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	66473	30.829	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.767%			
60) 4-Bromofluorobenzene	12.842	95	61150	28.698	ug/l	-0.05
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.667%			
63) Toluene-d8	10.209	98	196324	29.751	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	2221	3.288	ug/l	97
3) Chloromethane	2.060	50	4250m	2.741	ug/l	
4) Vinyl Chloride	2.183	62	4278m	2.469	ug/l	
5) Bromomethane	2.530	94	4374	3.040	ug/l	99
6) Chloroethane	2.665	64	3713	2.430	ug/l	92
7) Trichlorofluoromethane	2.953	101	7264m	2.585	ug/l	
8) Diethyl Ether	3.323	74	4047	2.339	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.652	101	3881	3.518	ug/l #	32
10) 1,1-Dichloroethene	3.623	96	3693	3.342	ug/l	92
11) Methyl Iodide	3.840	142	2204m	2.046	ug/l	
12) Methyl Acetate	4.175	43	8257	1.889	ug/l	94
13) Acrolein	3.517	56	1693m	11.486	ug/l	
14) Acrylonitrile	4.798	53	17363m	12.890	ug/l	
15) Acetone	3.699	58	9676	20.161	ug/l	95
16) Carbon Disulfide	3.928	76	6107m	2.959	ug/l	
17) Allyl chloride	4.169	41	7497	2.854	ug/l	97
18) Methylene Chloride	4.387	84	6103	3.703	ug/l	92
19) trans-1,2-Dichloroethene	6.649	96	4739m	2.787	ug/l	
20) Diisopropyl ether	5.756	45	18192m	2.720	ug/l	
21) 1,1-Dichloroethane	5.650	63	8619	2.758	ug/l #	94
22) cis-1,2-Dichloroethene	6.649	96	4740	2.788	ug/l #	17
23) tert-Butyl Alcohol	4.616	59	9566m	16.209	ug/l	
24) Methyl tert-Butyl Ether	4.851	73	17551m	2.643	ug/l	
25) Chloroform	7.213	83	7978	2.791	ug/l	100
26) Cyclohexane	7.512	56	5455m	2.975	ug/l	
29) 1,1-Dichloropropene	7.659	75	4553	2.627	ug/l	77
30) 2-Butanone	6.649	43	31240	14.624	ug/l	99
31) 2,2-Dichloropropane	6.643	77	7235m	2.851	ug/l	
32) 1,1,1-Trichloroethane	7.418	97	5794	2.654	ug/l #	79
33) Carbon Tetrachloride	7.648	117	3568	2.550	ug/l #	96
34) Benzene	7.930	78	17429	2.714	ug/l #	1
35) Methacrylonitrile	7.001	41	4664m	2.565	ug/l	
36) 1,2-Dichloroethane	8.024	62	5941	2.496	ug/l	97
37) Trichloroethene	8.799	130	3097	2.622	ug/l	88
38) Methylcyclohexane	9.075	83	4910	2.813	ug/l	95
39) 1,2-Dichloropropane	9.122	63	4249	2.527	ug/l	96
40) Dibromomethane	9.222	93	2442	2.355	ug/l #	68
41) Bromodichloromethane	10.744	83	3354	2.518	ug/l #	92
42) Vinyl Acetate	5.691	43	66509	12.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.743	43	9303m	2.649	ug/l	
44) Isopropyl Acetate	8.076	43	13477	2.439	ug/l	95
45) 1,4-Dioxane	9.222	88	2062	43.006	ug/l #	73
46) Methyl methacrylate	9.222	41	5738	2.322	ug/l	92
47) n-amyl Acetate	12.454	43	8852	2.380	ug/l	99
48) t-1,3-Dichloropropene	10.538	75	5813	2.405	ug/l	92
49) cis-1,3-Dichloropropene	9.921	75	6181	2.435	ug/l	96
50) 1,1,2-Trichloroethane	10.744	97	3833	2.513	ug/l #	78
51) Ethyl methacrylate	10.597	69	6687	2.340	ug/l	96
52) 1,3-Dichloropropane	10.908	76	7064	2.593	ug/l	96
53) Dibromochloromethane	11.126	129	3600	2.531	ug/l #	1
54) 1,2-Dibromoethane	11.255	107	3412	2.405	ug/l	96
55) 2-Chloroethyl vinyl ether	9.763	63	11211	13.449	ug/l	94
56) Bromoform	12.530	173	2265	2.422	ug/l #	29
58) 4-Methyl-2-Pentanone	10.092	43	38669	11.647	ug/l	96
59) 2-Hexanone	10.092	43	38430m	11.575	ug/l	
61) Tetrachloroethene	10.826	164	2554	2.980	ug/l #	83
62) Toluene	10.280	91	16197	2.667	ug/l	97
64) Chlorobenzene	11.737	112	9861	2.659	ug/l #	87
65) 1,1,1,2-Tetrachloroethane	11.819	131	3213	2.659	ug/l	92
66) Ethyl Benzene	11.825	91	17323	2.625	ug/l	99
67) m/p-Xylenes	11.954	106	12774	5.207	ug/l	100
68) o-Xylene	12.324	106	6602	2.607	ug/l	90
69) Styrene	12.342	104	10939	2.406	ug/l	97
70) Isopropylbenzene	12.671	105	16635	2.678	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.959	83	6197	2.543	ug/l #	27
72) 1,2,3-Trichloropropane	13.012	75	6083m	3.381	ug/l	
73) Bromobenzene	12.983	156	3763	2.576	ug/l	50
74) n-propylbenzene	13.059	91	20182	2.695	ug/l	98
75) 2-Chlorotoluene	13.265	91	12277	2.678	ug/l	97
76) 1,3,5-Trimethylbenzene	13.212	105	13800	2.708	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	2035	2.328	ug/l	84
78) 4-Chlorotoluene	13.153	91	12141m	2.684	ug/l	
79) tert-butylbenzene	13.511	119	12975m	2.867	ug/l	
80) 1,2,4-Trimethylbenzene	13.564	105	13830	2.601	ug/l	97
81) sec-Butylbenzene	13.711	105	18025	2.764	ug/l	97
82) p-Isopropyltoluene	13.846	119	14474	2.668	ug/l	97
83) 1,3-Dichlorobenzene	13.840	146	8128m	2.837	ug/l	
84) 1,4-Dichlorobenzene	13.934	146	7726	2.679	ug/l	97
85) n-Butylbenzene	14.216	91	12805	2.579	ug/l	99
86) Hexachloroethane	14.528	117	2060	2.833	ug/l #	1
87) 1,2-Dichlorobenzene	14.263	146	7842	2.740	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.968	75	1062	1.983	ug/l #	87
89) 1,2,4-Trichlorobenzene	15.750	180	5004	2.872	ug/l #	86
90) Hexachlorobutadiene	15.885	225	1543	2.671	ug/l	93
91) Naphthalene	16.038	128	17927	2.662	ug/l #	94
92) 1,2,3-Trichlorobenzene	16.267	180	4775	2.716	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

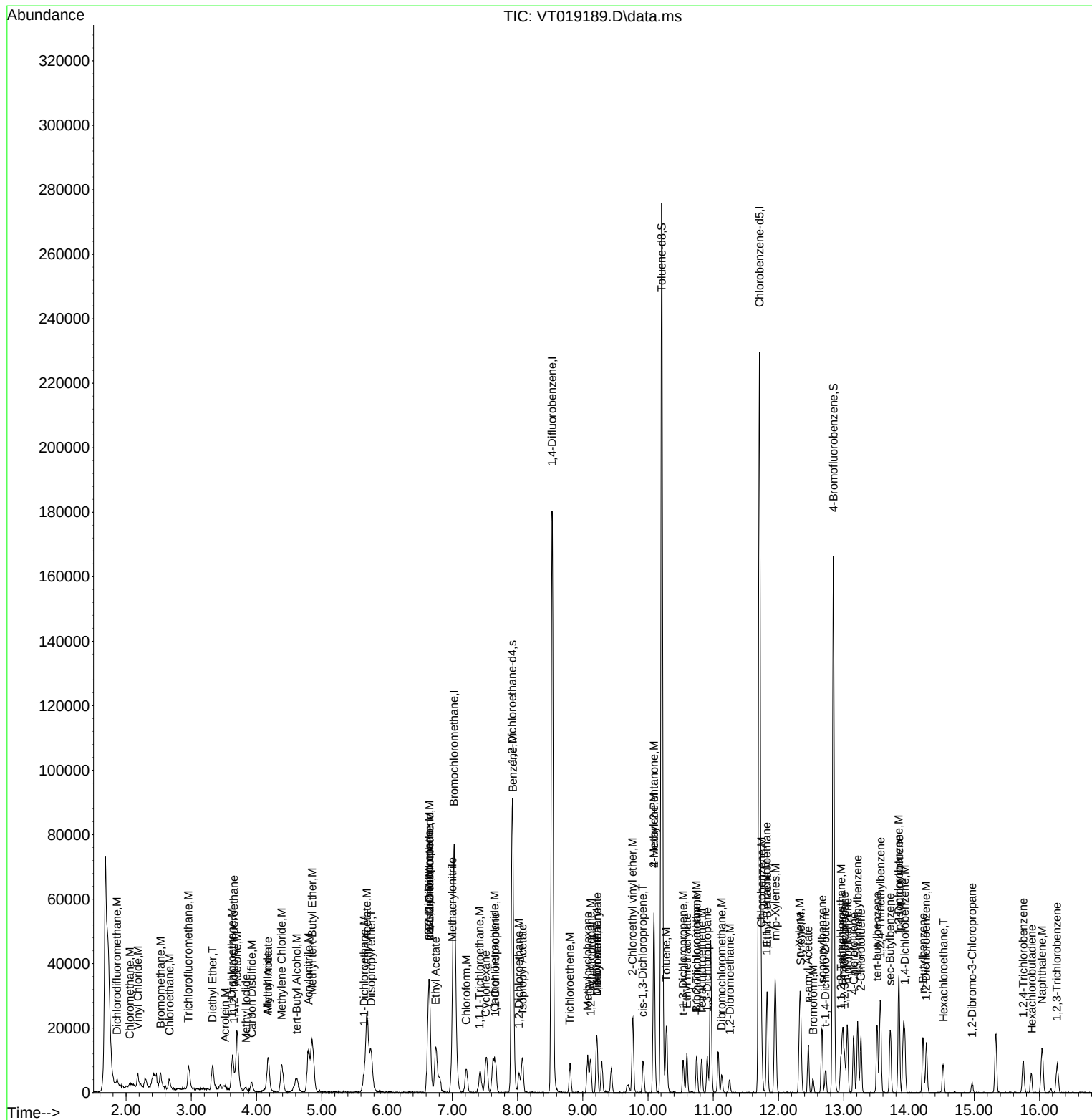
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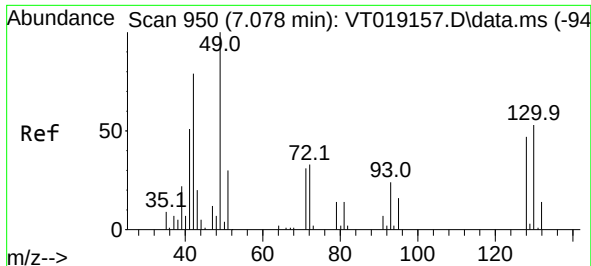
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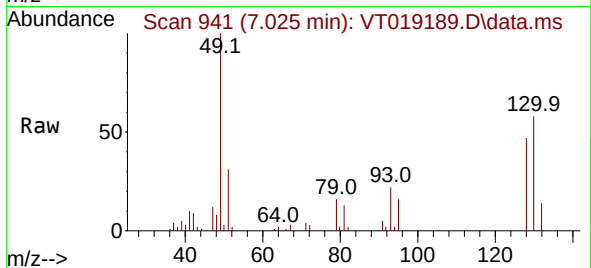
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.025 min Scan# 94
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

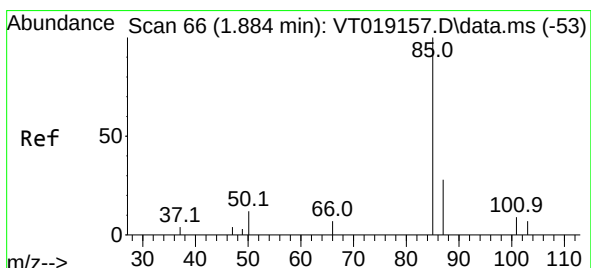
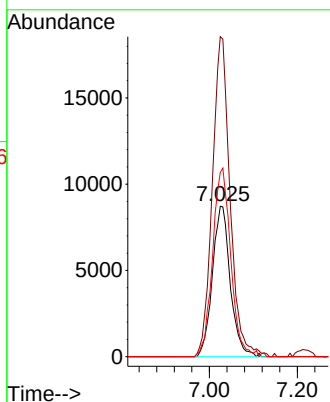
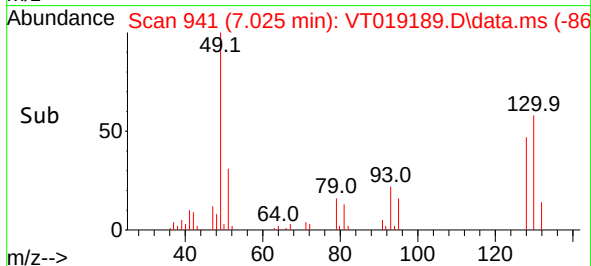
Instrument :
MSVOA_T
ClientSampleId :
MDL07



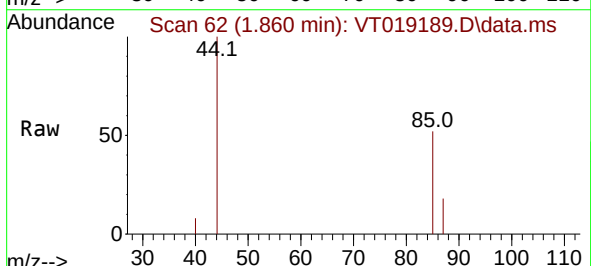
Tgt Ion:128 Resp: 2461
Ion Ratio Lower Upper
128 100
49 0.0 0.0 0.0
130 0.5 0.0 0.0

Manual Integrations
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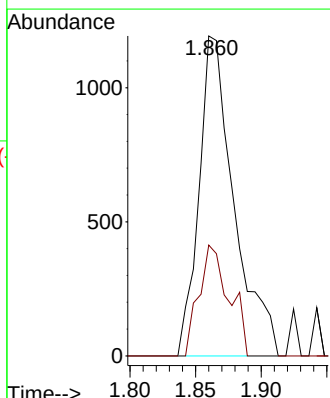
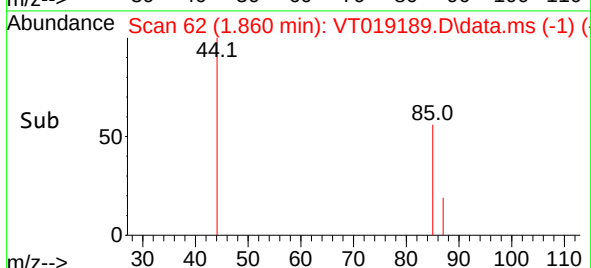
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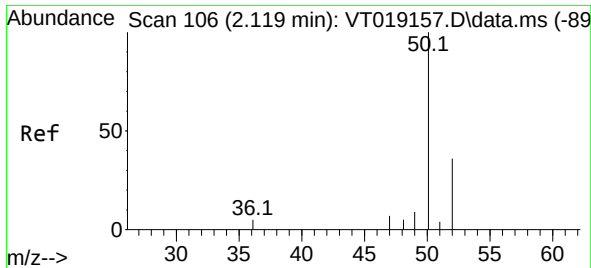


#2
Dichlorodifluoromethane
Concen: 3.288 ug/l
RT: 1.860 min Scan# 62
Delta R.T. -0.018 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 85 Resp: 2221
Ion Ratio Lower Upper
85 100
87 34.6 16.4 49.1





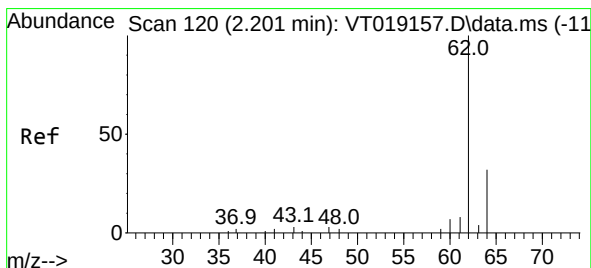
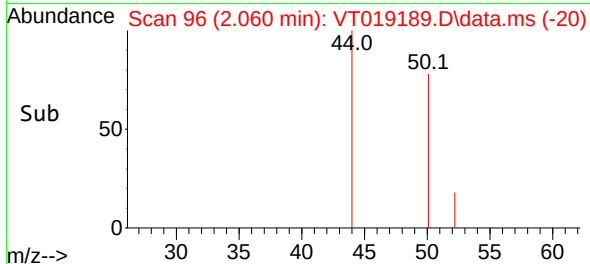
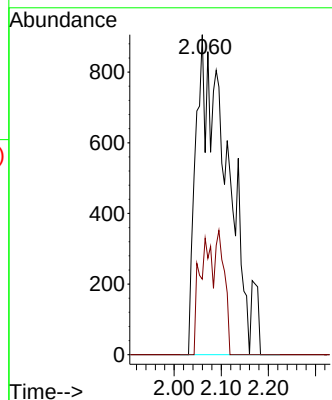
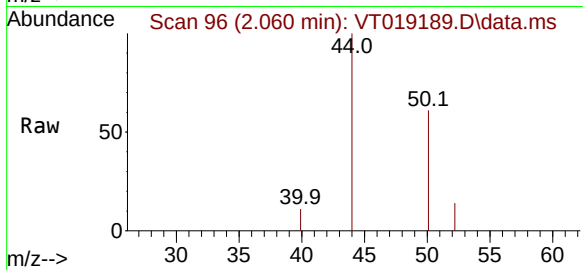
#3
Chloromethane
Concen: 2.741 ug/l m
RT: 2.060 min Scan# 90
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
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Tgt Ion: 50 Resp: 4250
Ion Ratio Lower Upper
50 100
52 23.6 24.4 36.6

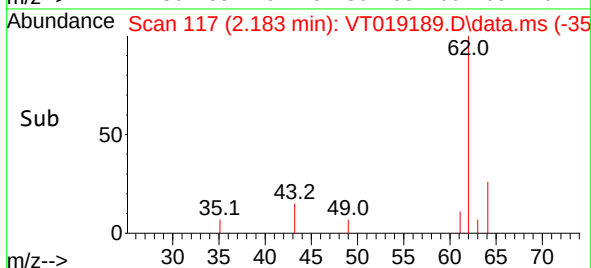
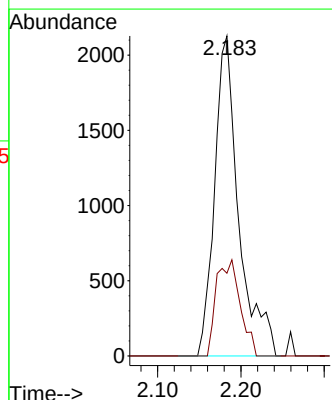
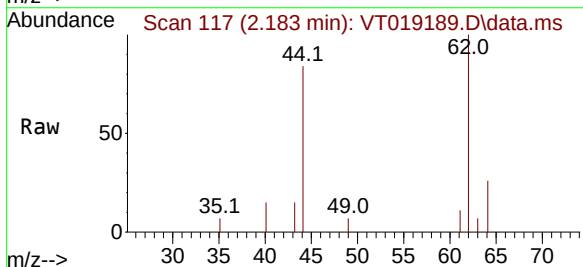
Manual Integrations
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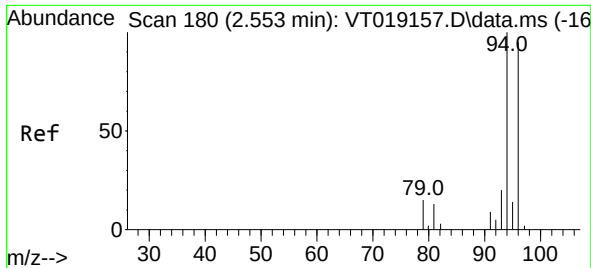
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 2.469 ug/l m
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

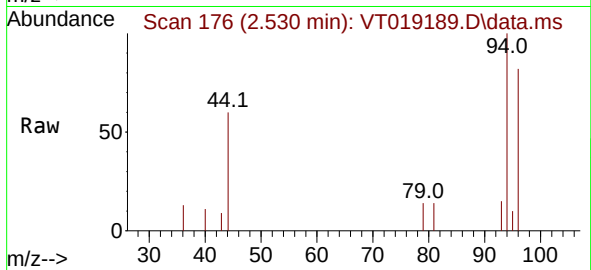
Tgt Ion: 62 Resp: 4278
Ion Ratio Lower Upper
62 100
64 25.8 25.7 38.5





#5
Bromomethane
Concen: 3.040 ug/l
RT: 2.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

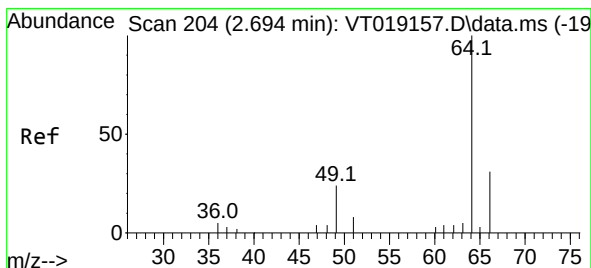
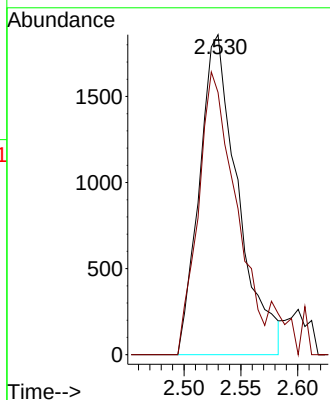
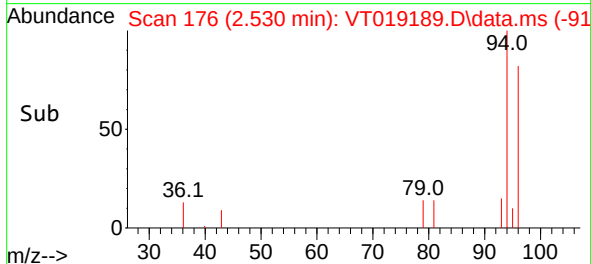
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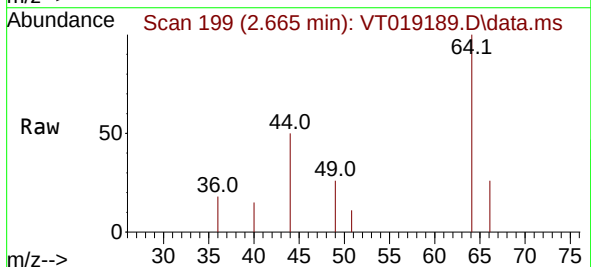
Tgt Ion: 94 Resp: 4374
Ion Ratio Lower Upper
94 100
96 81.9 66.0 99.0

Manual Integrations
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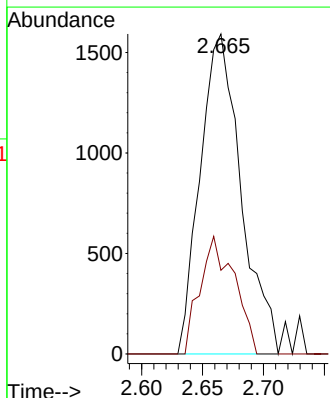
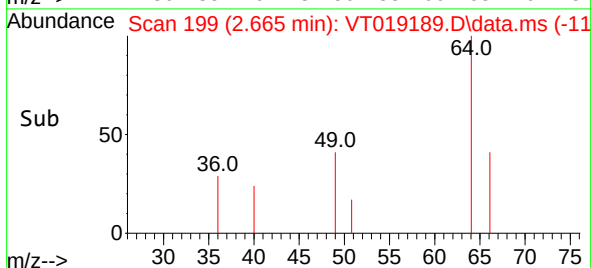
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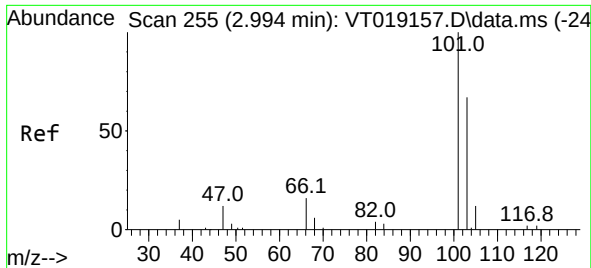


#6
Chloroethane
Concen: 2.430 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



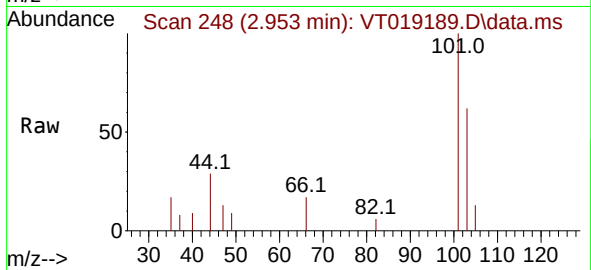
Tgt Ion: 64 Resp: 3713
Ion Ratio Lower Upper
64 100
66 26.1 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 2.585 ug/l m
 RT: 2.953 min Scan# 248
 Delta R.T. -0.029 min
 Lab File: VT019189.D
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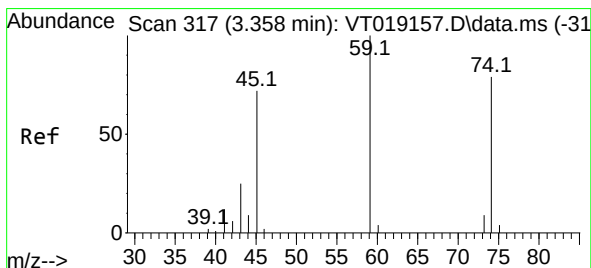
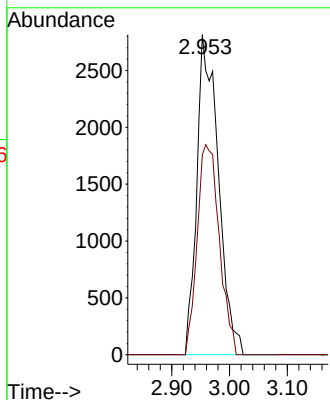
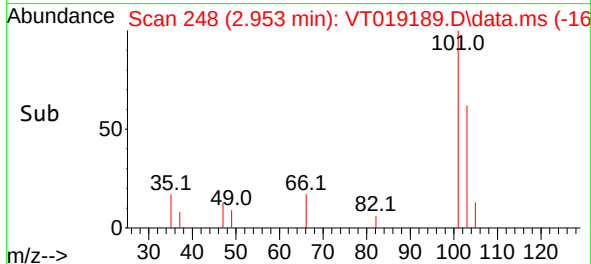
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Tgt Ion:101 Resp: 7264
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.4 78.6

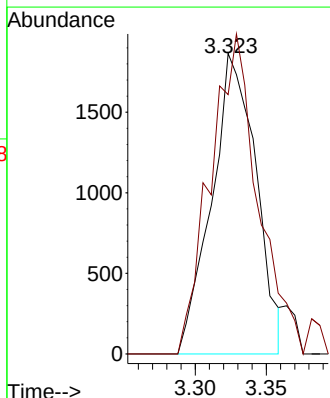
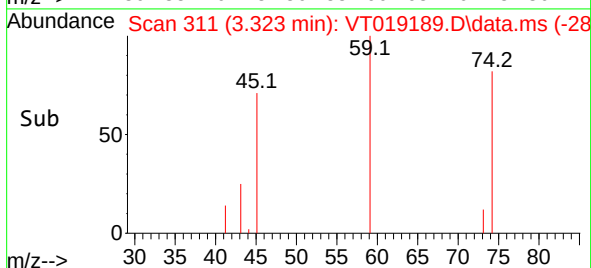
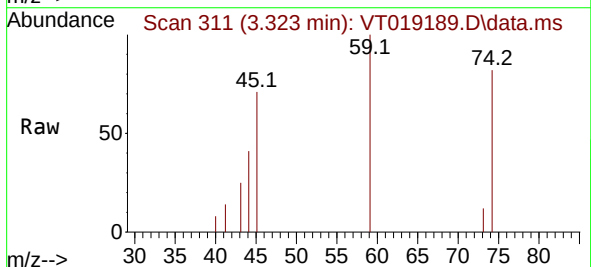
Manual Integrations
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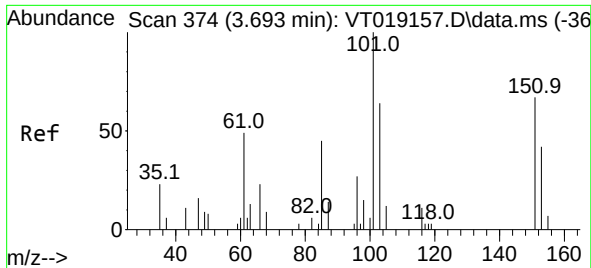
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#8
 Diethyl Ether
 Concen: 2.339 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. -0.035 min
 Lab File: VT019189.D
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Tgt Ion: 74 Resp: 4047
 Ion Ratio Lower Upper
 74 100
 45 114.4 22.0 197.6





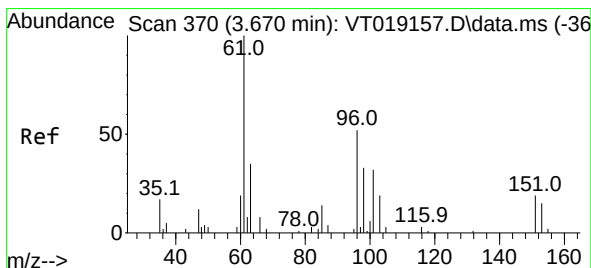
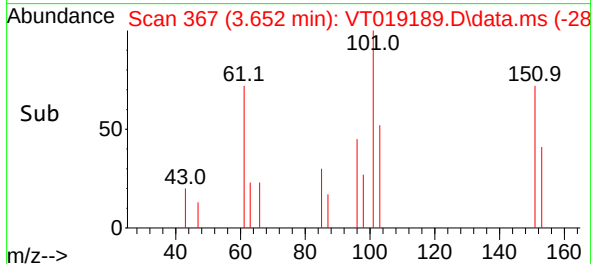
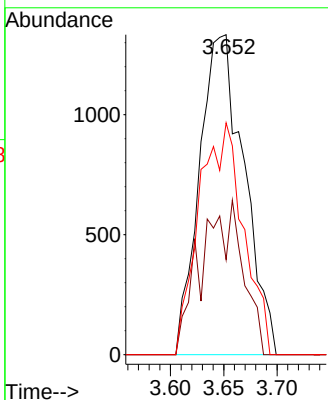
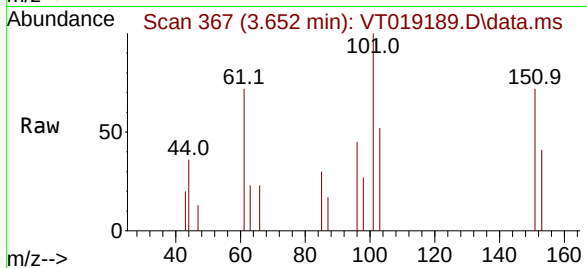
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.518 ug/l
RT: 3.652 min Scan# 308
Delta R.T. -0.030 min
Lab File: VT019189.D
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Tgt Ion: 101 Resp: 388
Ion Ratio Lower Upper
101 100
85 16.6 0.0 91.8
151 0.0 0.0 137.2

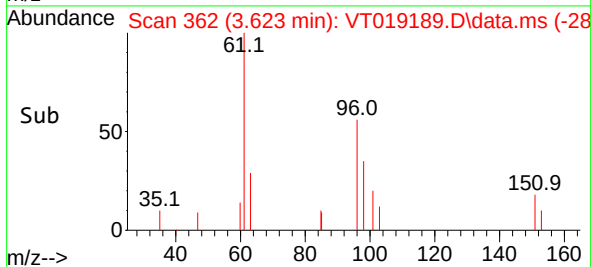
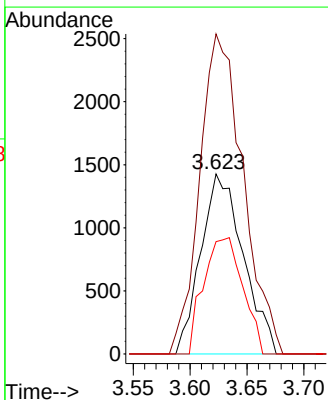
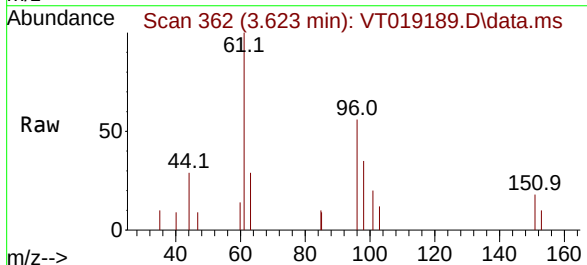
Manual Integrations
APPROVED

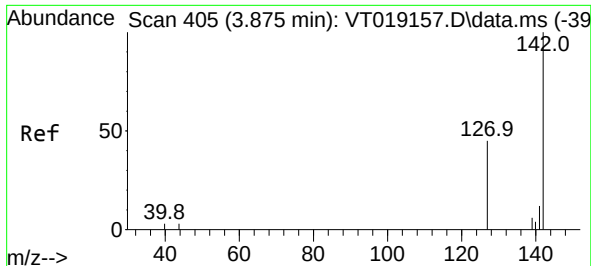
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
1,1-Dichloroethene
Concen: 3.342 ug/l
RT: 3.623 min Scan# 362
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

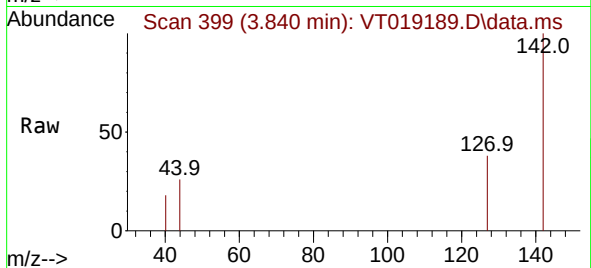
Tgt Ion: 96 Resp: 3693
Ion Ratio Lower Upper
96 100
61 167.1 145.5 218.3
98 62.4 49.5 74.3





#11
Methyl Iodide
Concen: 2.046 ug/l m
RT: 3.840 min Scan# 399
Delta R.T. -0.030 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

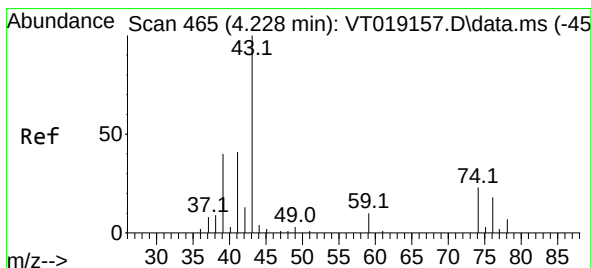
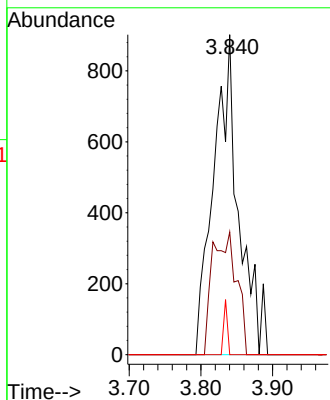
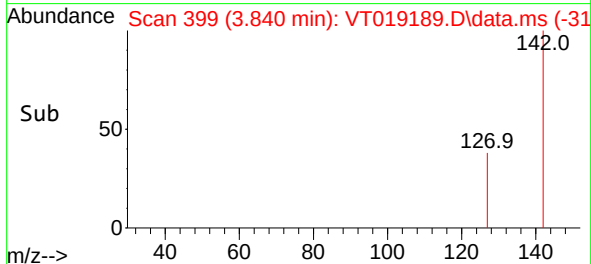
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion:142 Resp: 2204
Ion Ratio Lower Upper
142 100
127 38.4 0.9 2.8
141 0.0 55.5 166.5

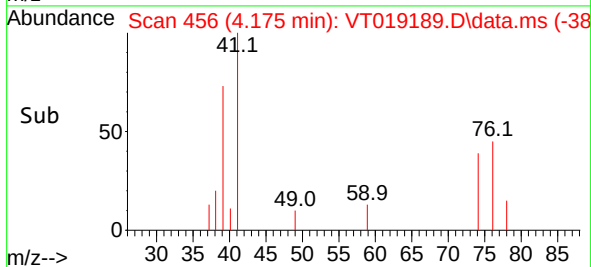
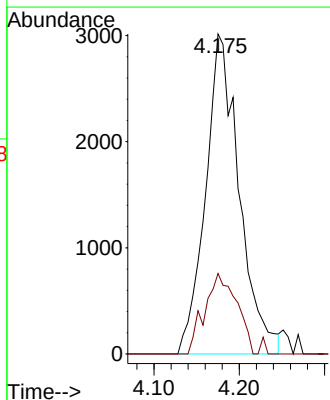
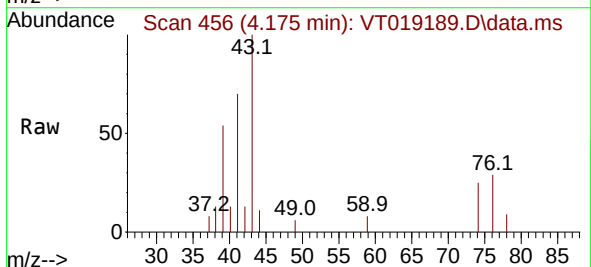
Manual Integrations
APPROVED

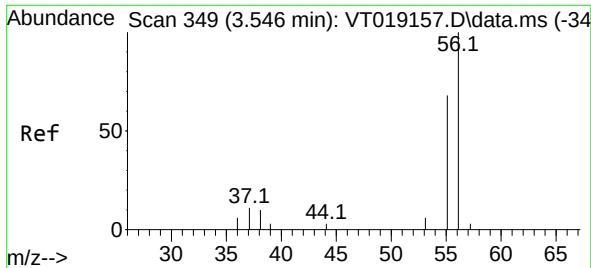
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
Methyl Acetate
Concen: 1.889 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

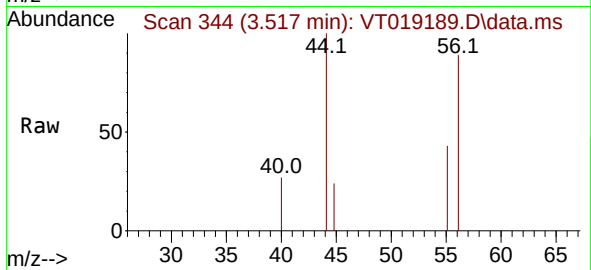
Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
74 26.0 18.4 27.6





#13
Acrolein
Concen: 11.486 ug/l m
RT: 3.517 min Scan# 34
Delta R.T. -0.029 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

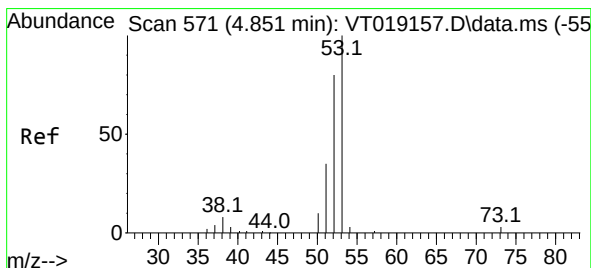
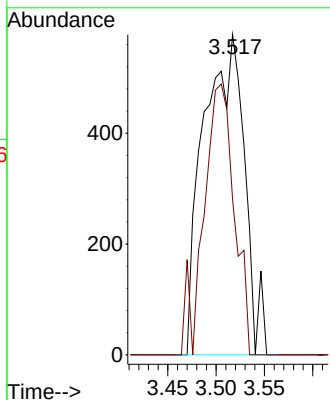
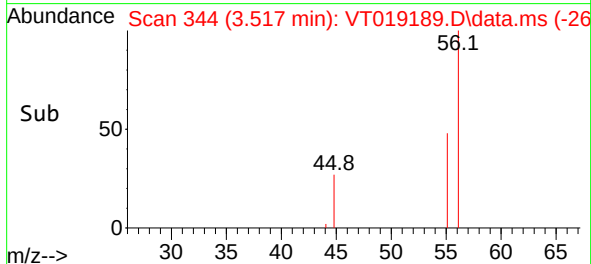
Instrument :
MSVOA_T
ClientSampleId :
MDL07



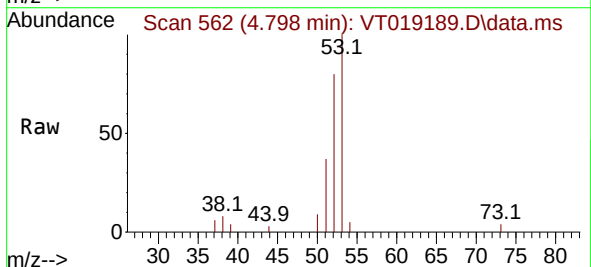
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2

Manual Integrations
APPROVED

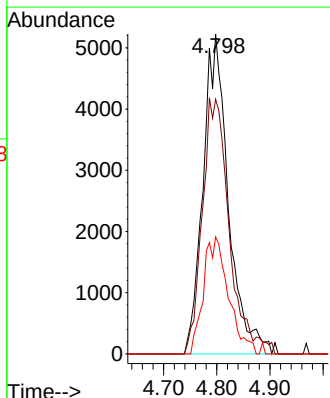
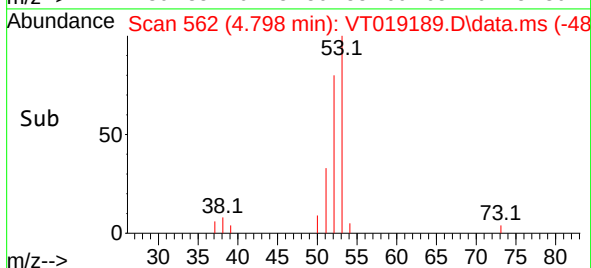
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

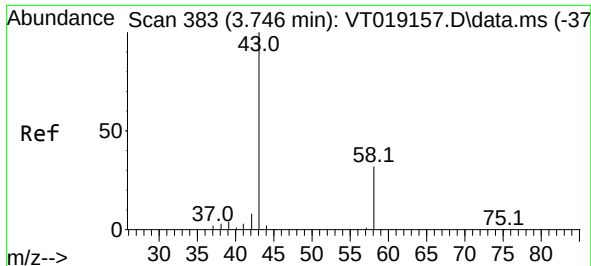


#14
Acrylonitrile
Concen: 12.890 ug/l m
RT: 4.798 min Scan# 562
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 53 Resp: 17363
Ion Ratio Lower Upper
53 100
52 0.6 41.3 123.7#
51 0.0 17.2 51.5#





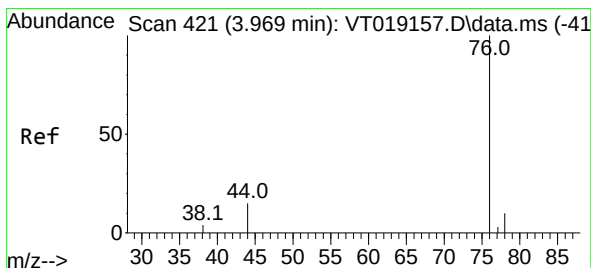
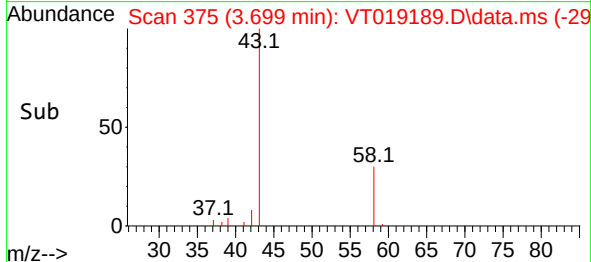
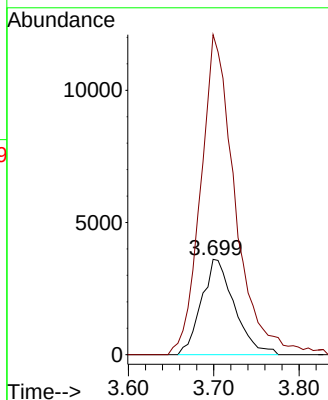
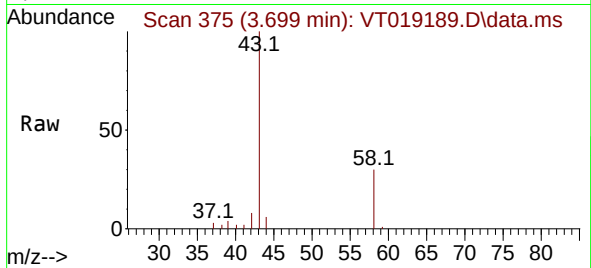
#15
Acetone
Concen: 20.161 ug/l
RT: 3.699 min Scan# 31
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion: 58 Resp: 9670
Ion Ratio Lower Upper
58 100
43 323.8 266.9 400.3

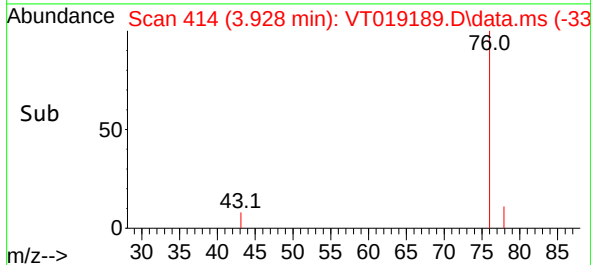
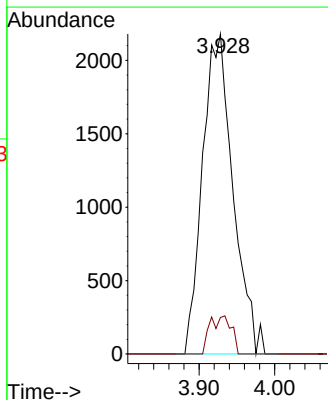
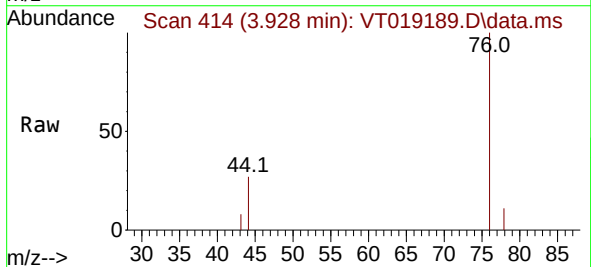
Manual Integrations
APPROVED

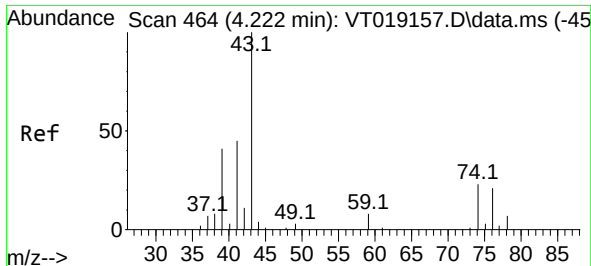
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Carbon Disulfide
Concen: 2.959 ug/l m
RT: 3.928 min Scan# 414
Delta R.T. -0.036 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 76 Resp: 6107
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#





#17

Allyl chloride

Concen: 2.854 ug/l

RT: 4.169 min Scan# 41

Delta R.T. -0.053 min

Lab File: VT019189.D

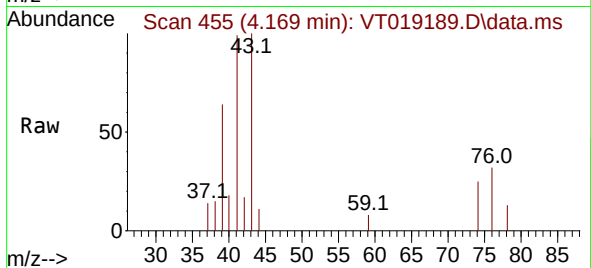
Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07



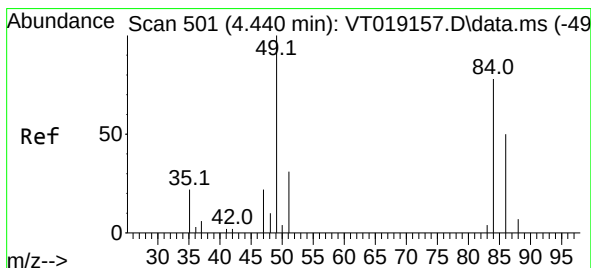
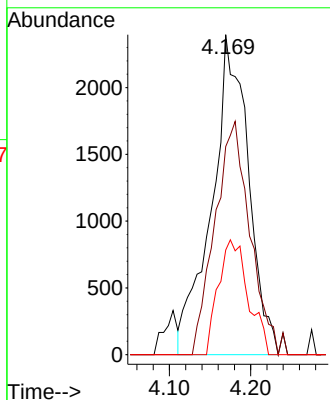
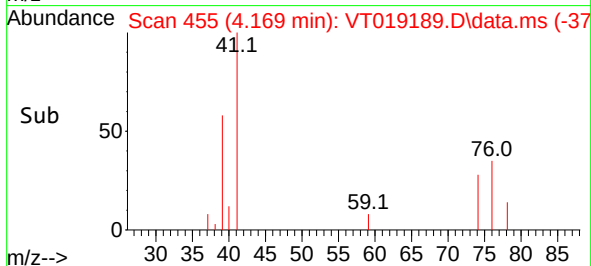
Tgt Ion:	41	Resp:	749
Ion	Ratio	Lower	Upper
41	100		
39	65.0	34.3	102.8
76	32.7	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#18

Methylene Chloride

Concen: 3.703 ug/l

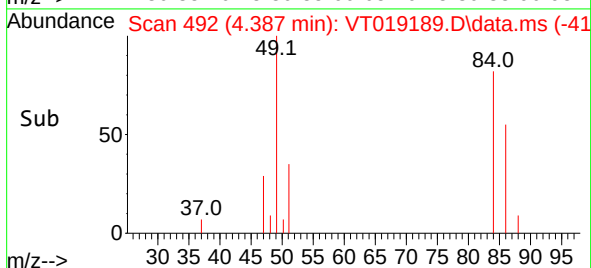
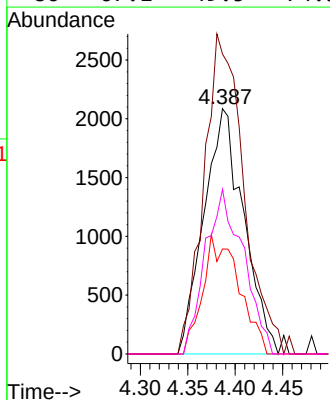
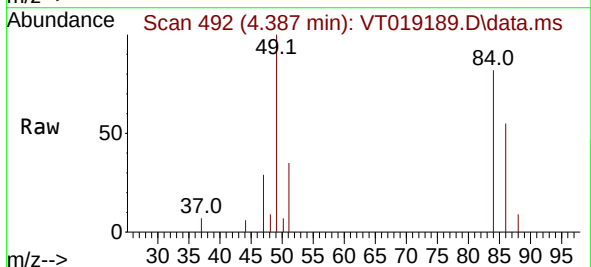
RT: 4.387 min Scan# 492

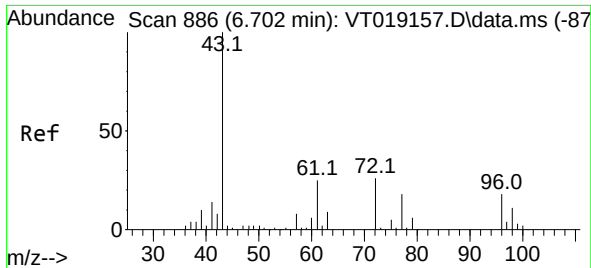
Delta R.T. -0.041 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

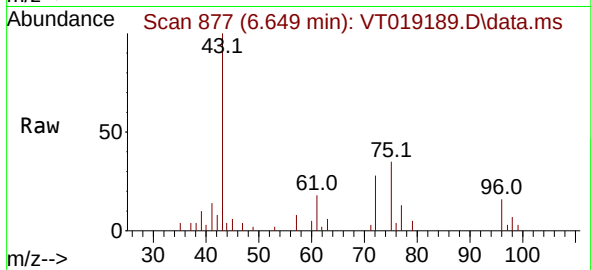
Tgt Ion:	84	Resp:	6103
Ion	Ratio	Lower	Upper
84	100		
49	122.3	107.9	161.9
51	42.8	33.4	50.2
86	67.1	49.5	74.3





#19
trans-1,2-Dichloroethene
Concen: 2.787 ug/l m
RT: 6.649 min Scan# 81
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

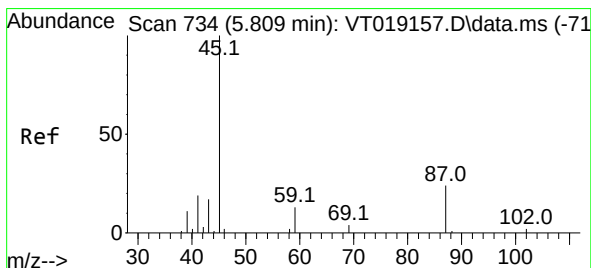
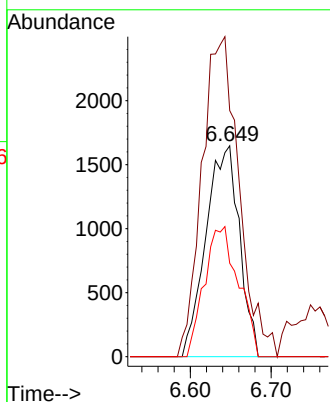
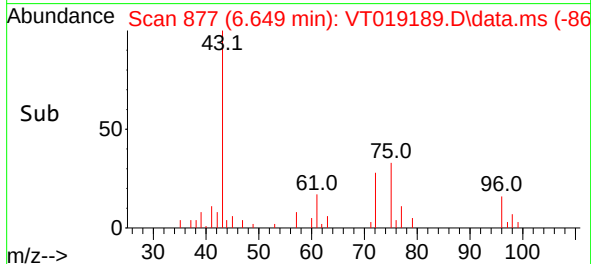
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 96 Resp: 4739
Ion Ratio Lower Upper
96 100
61 116.7 122.3 183.5
98 44.3 50.2 75.2

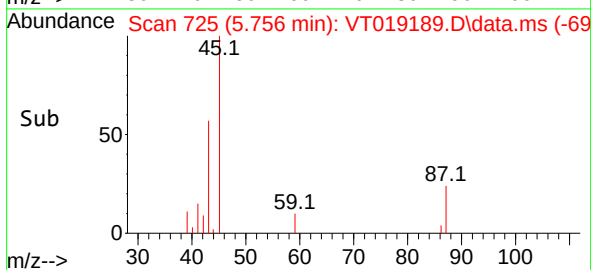
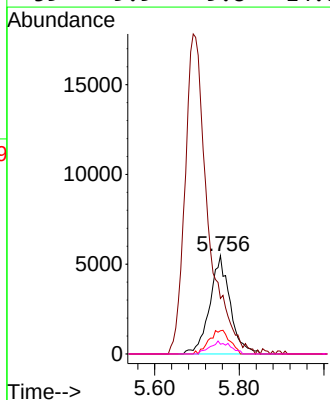
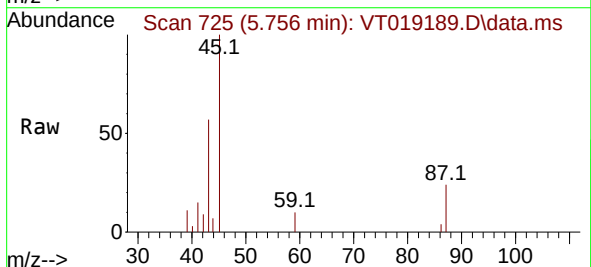
Manual Integrations
APPROVED

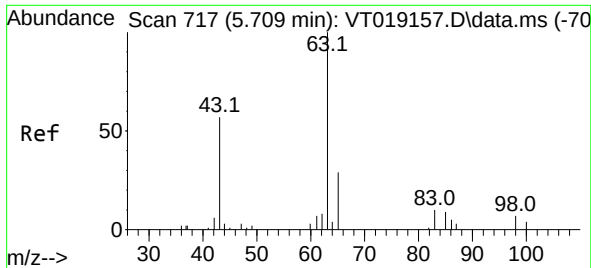
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Diisopropyl ether
Concen: 2.720 ug/l m
RT: 5.756 min Scan# 725
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 45 Resp: 18192
Ion Ratio Lower Upper
45 100
43 56.5 89.1 133.7#
87 23.6 21.3 31.9
59 9.9 9.8 14.8





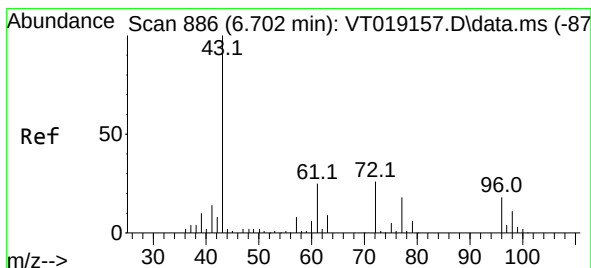
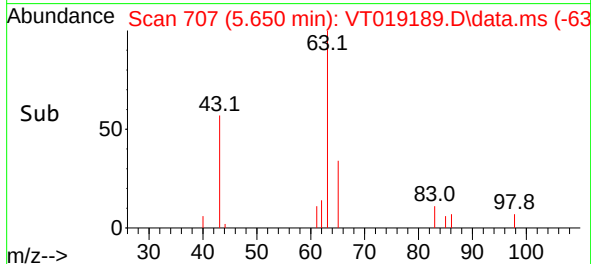
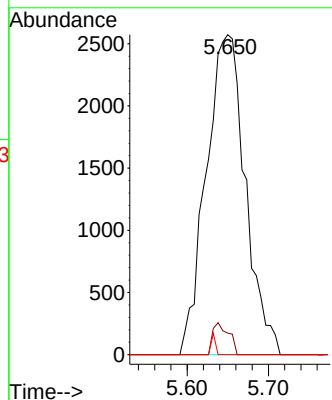
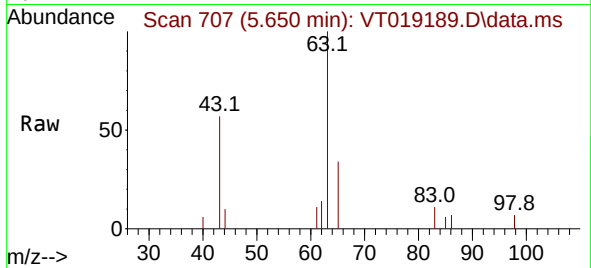
#21
1,1-Dichloroethane
Concen: 2.758 ug/l
RT: 5.650 min Scan# 707
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion: 63 Resp: 8619
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.5
100 0.0 2.2 6.6

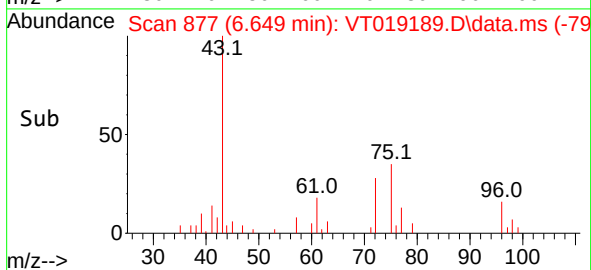
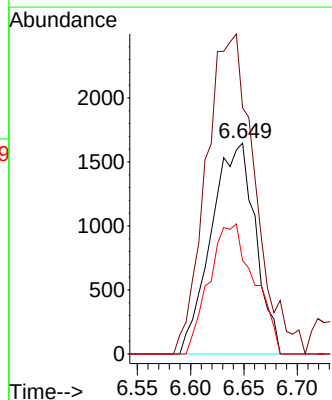
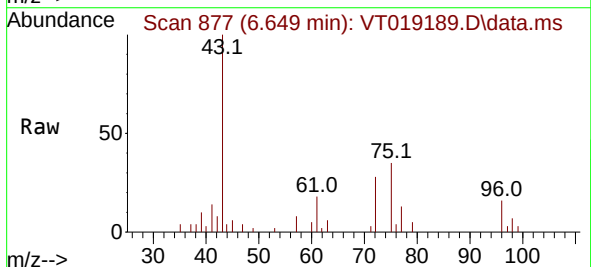
Manual Integrations
APPROVED

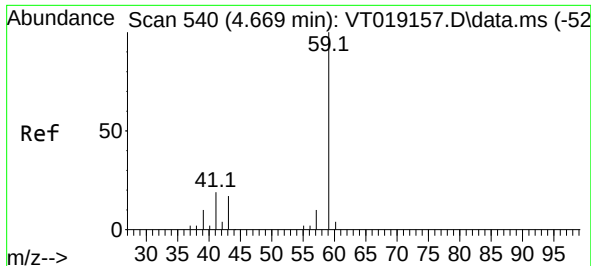
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
cis-1,2-Dichloroethene
Concen: 2.788 ug/l
RT: 6.649 min Scan# 877
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

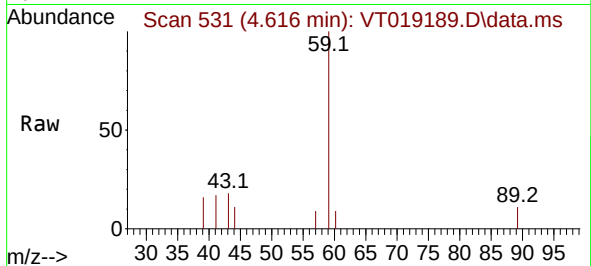
Tgt Ion: 96 Resp: 4740
Ion Ratio Lower Upper
96 100
61 1.4 120.0 180.0#
98 62.9 52.8 79.2





#23
tert-Butyl Alcohol
Concen: 16.209 ug/l m
RT: 4.616 min Scan# 51
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

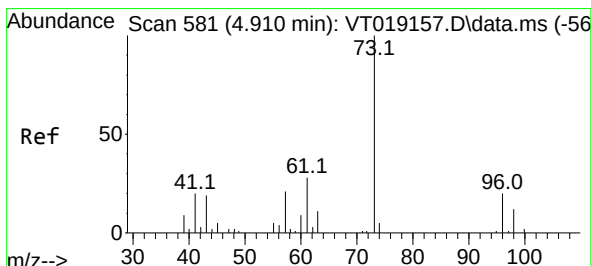
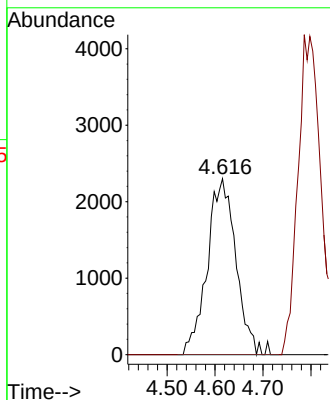
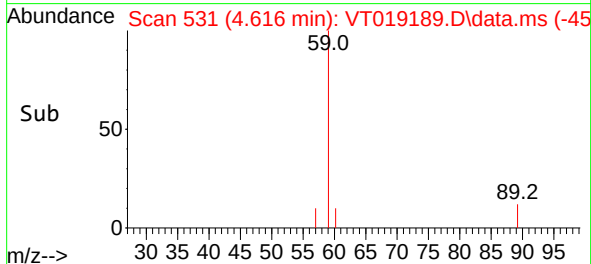
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 59 Resp: 9560
Ion Ratio Lower Upper
59 100
52 65.7 0.2 0.23

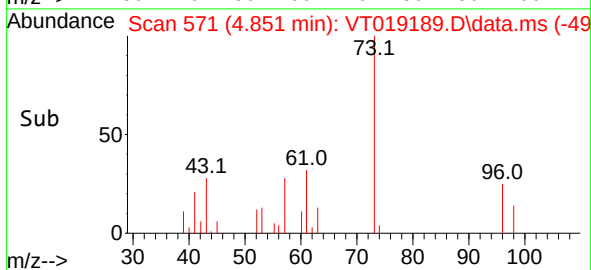
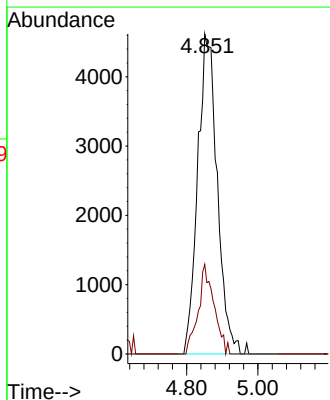
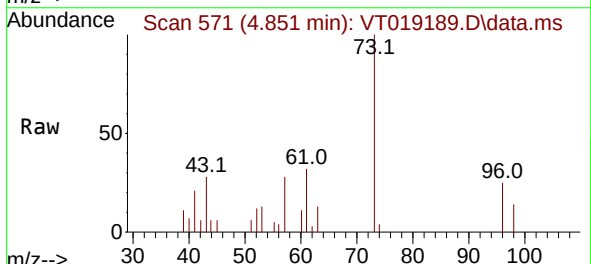
Manual Integrations
APPROVED

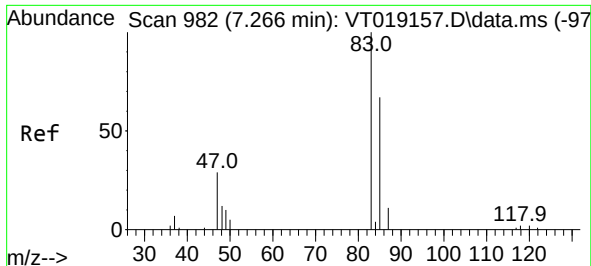
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#24
Methyl tert-Butyl Ether
Concen: 2.643 ug/l m
RT: 4.851 min Scan# 571
Delta R.T. -0.070 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 73 Resp: 17551
Ion Ratio Lower Upper
73 100
43 0.3 16.9 25.3#





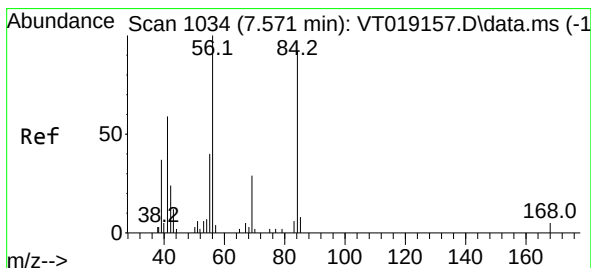
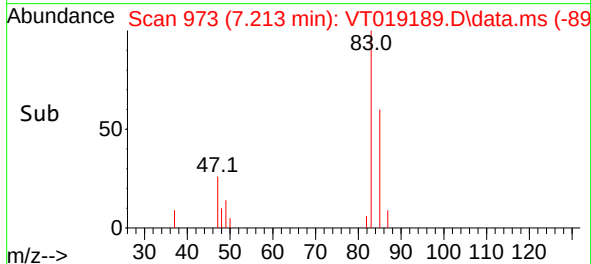
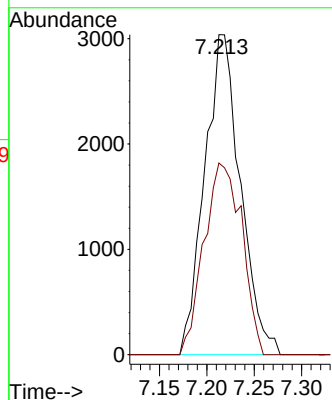
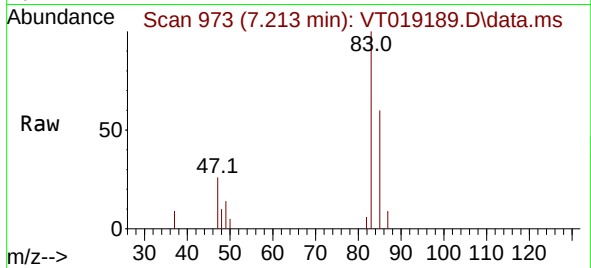
#25
Chloroform
Concen: 2.791 ug/l
RT: 7.213 min Scan# 91
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion: 83 Resp: 7978
Ion Ratio Lower Upper
83 100
85 59.9 48.0 72.0

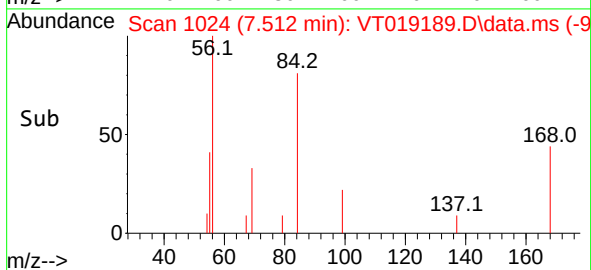
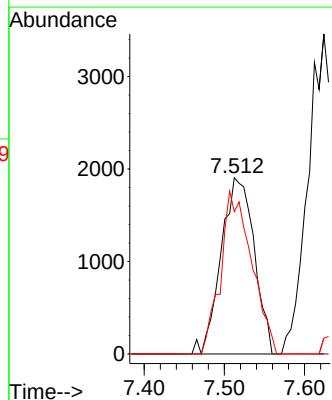
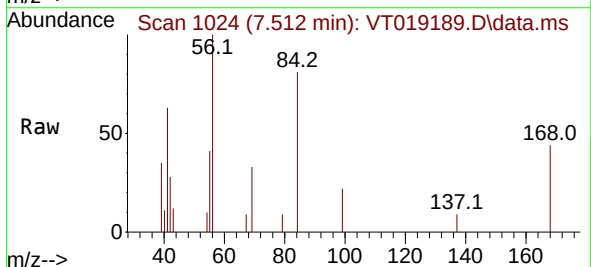
Manual Integrations
APPROVED

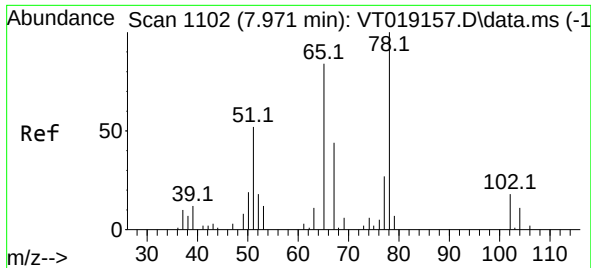
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
Cyclohexane
Concen: 2.975 ug/l m
RT: 7.512 min Scan# 1024
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 56 Resp: 5455
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 5.6 67.9 101.9#





#27

1,2-Dichloroethane-d4

Concen: 30.829 ug/l

RT: 7.918 min Scan# 1102

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

Tgt Ion: 65 Resp: 6647

Ion Ratio Lower Upper

65 100

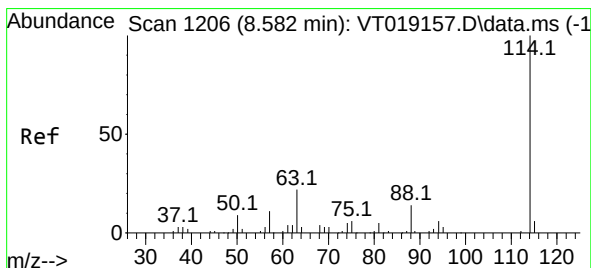
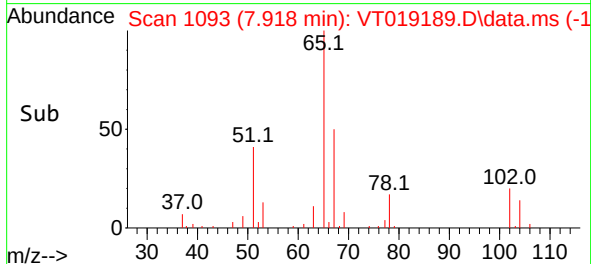
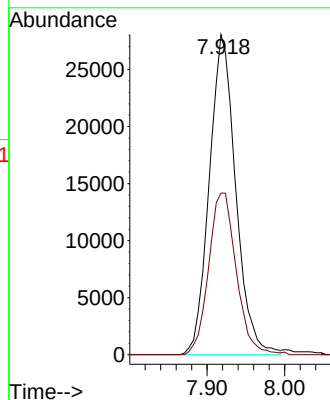
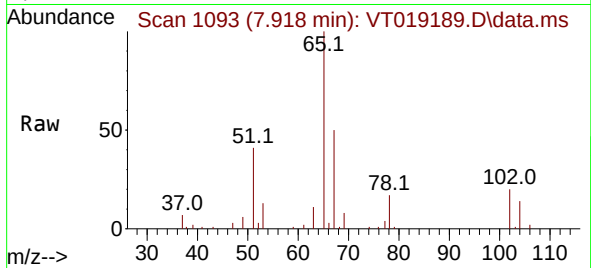
67 52.7 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

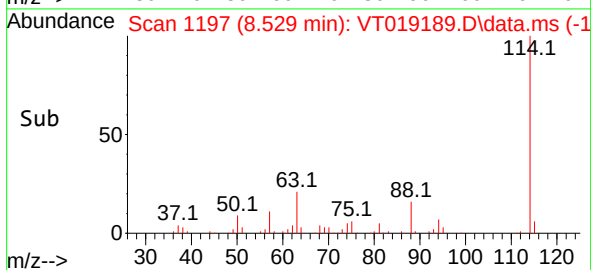
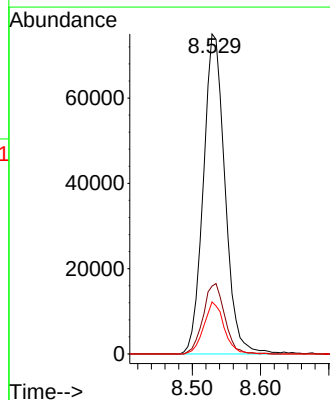
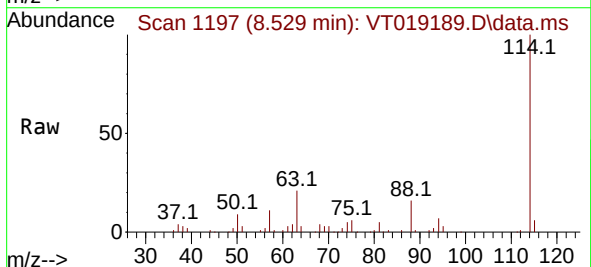
Tgt Ion:114 Resp: 165626

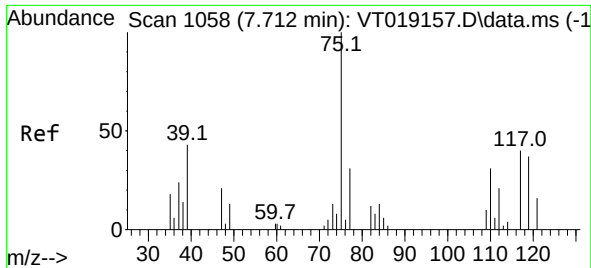
Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.0

88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 2.627 ug/l

RT: 7.659 min Scan# 1049

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

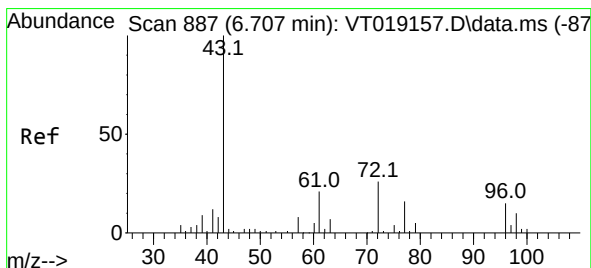
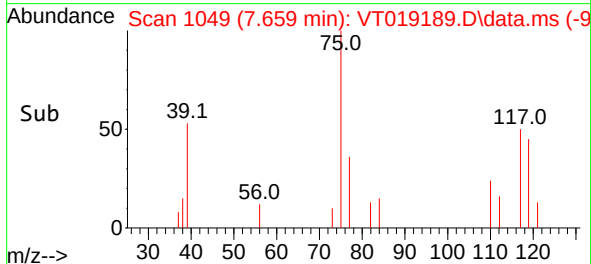
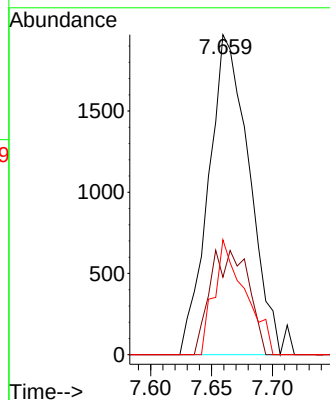
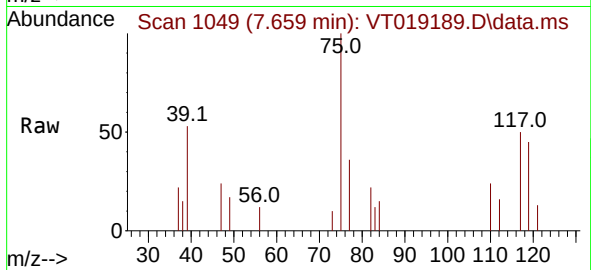
Tgt Ion: 75	Resp: 455
Ion Ratio	Lower Upper
75 100	
110 13.0	0.0 70.8
77 27.5	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

2-Butanone

Concen: 14.624 ug/l

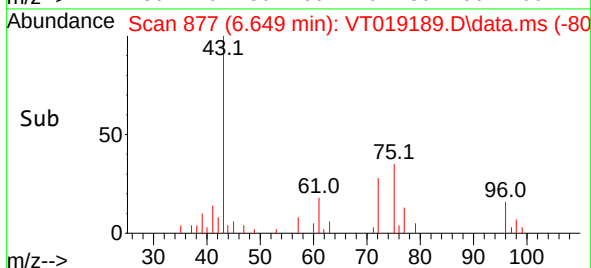
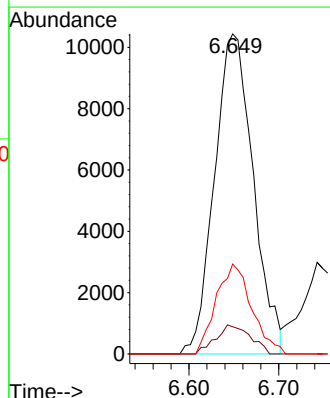
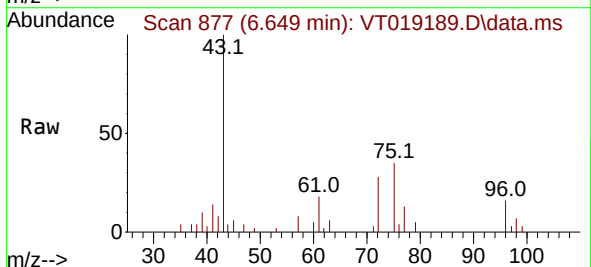
RT: 6.649 min Scan# 877

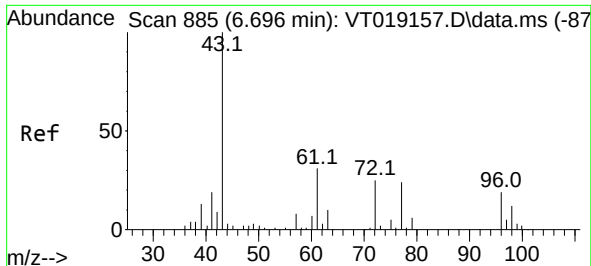
Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

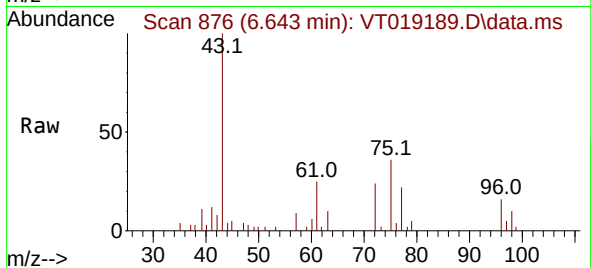
Tgt Ion: 43	Resp: 31240
Ion Ratio	Lower Upper
43 100	
57 8.1	5.9 8.9
72 25.7	20.2 30.2





#31
2,2-Dichloropropane
Concen: 2.851 ug/l m
RT: 6.643 min Scan# 81
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

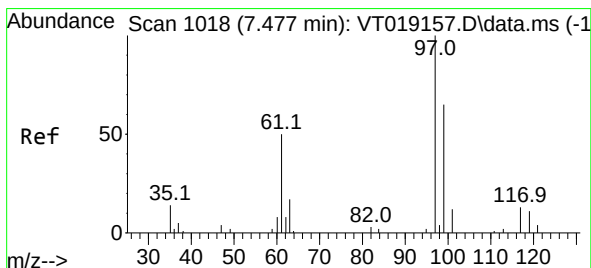
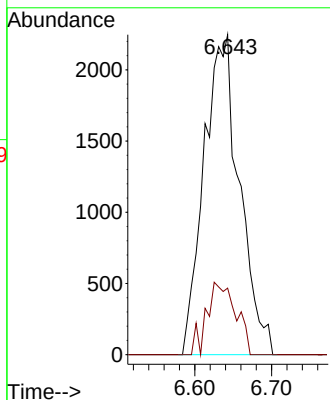
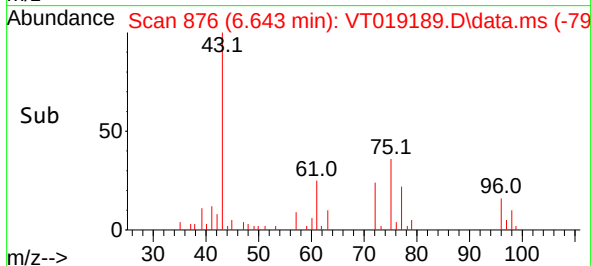
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 77 Resp: 723
Ion Ratio Lower Upper
77 100
97 9.9 14.5 21.7

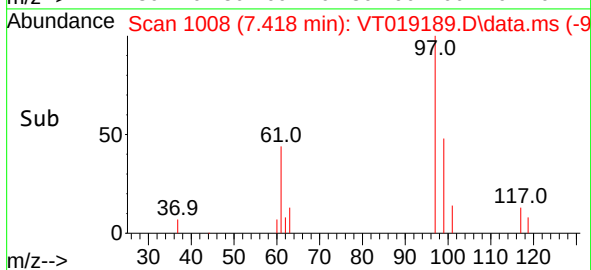
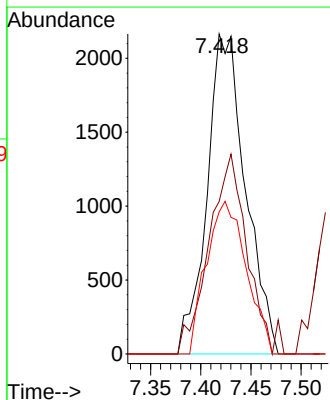
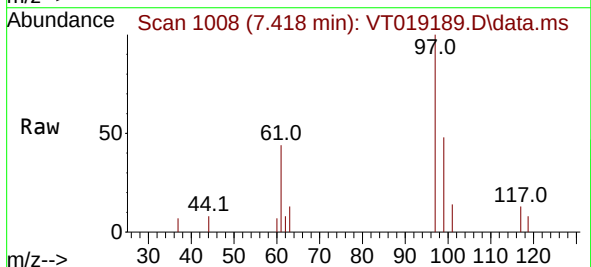
Manual Integrations
APPROVED

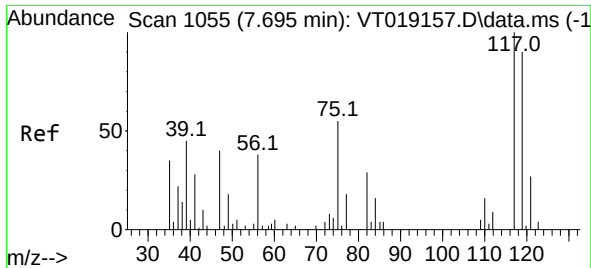
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 2.654 ug/l
RT: 7.418 min Scan# 1008
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

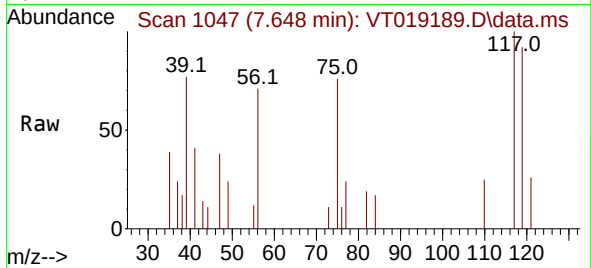
Tgt Ion: 97 Resp: 5794
Ion Ratio Lower Upper
97 100
99 60.5 30.0 45.0#
61 49.4 36.1 54.1





#33
Carbon Tetrachloride
Concen: 2.550 ug/l
RT: 7.648 min Scan# 1047
Delta R.T. -0.048 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

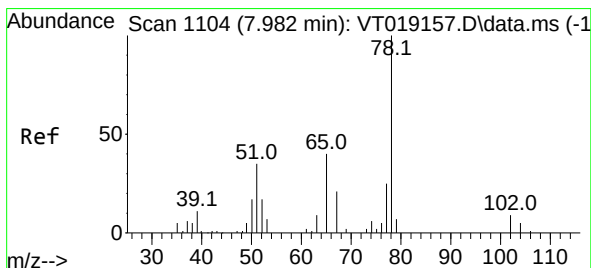
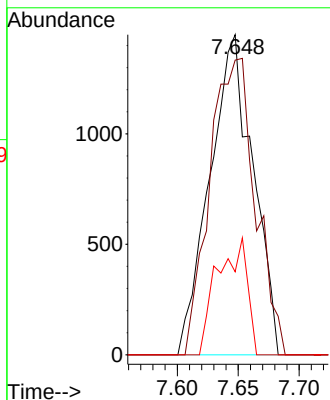
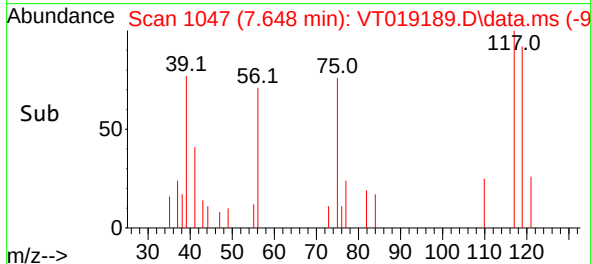
Instrument :
MSVOA_T
ClientSampleId :
MDL07



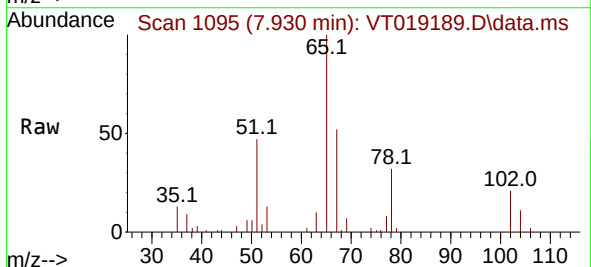
Tgt Ion:117 Resp: 3568
Ion Ratio Lower Upper
117 100
119 92.1 76.5 114.7
121 25.9 0.5 0.7

Manual Integrations
APPROVED

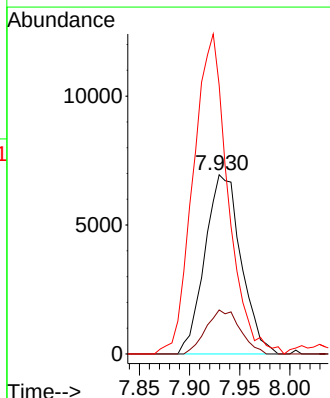
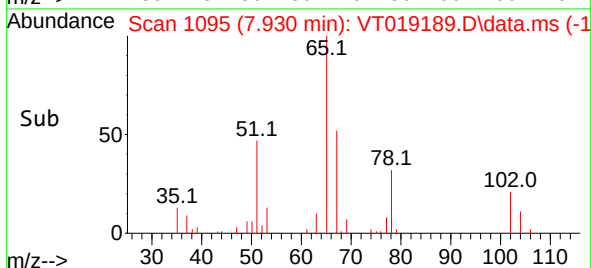
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

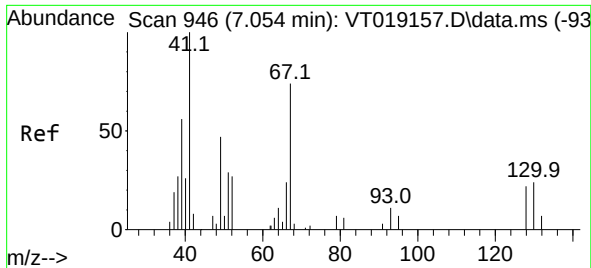


#34
Benzene
Concen: 2.714 ug/l
RT: 7.930 min Scan# 1095
Delta R.T. -0.052 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



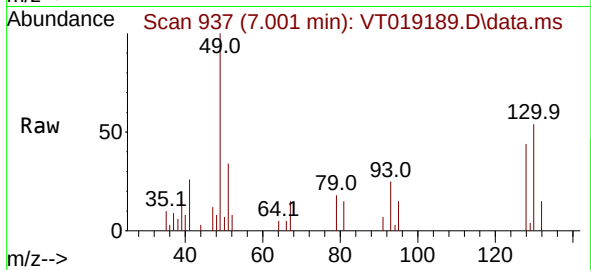
Tgt Ion: 78 Resp: 17429
Ion Ratio Lower Upper
78 100
77 24.6 17.6 26.4
51 146.1 13.8 20.6#





#35
Methacrylonitrile
Concen: 2.565 ug/l m
RT: 7.001 min Scan# 911
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

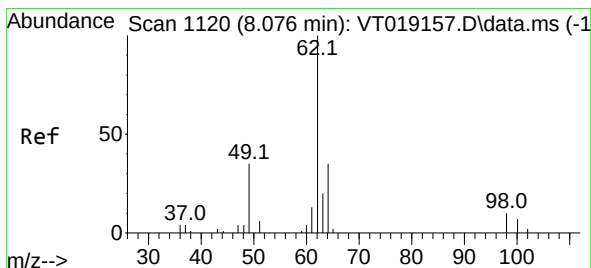
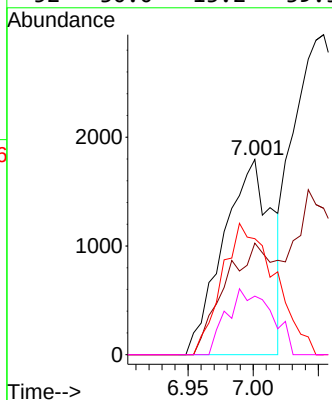
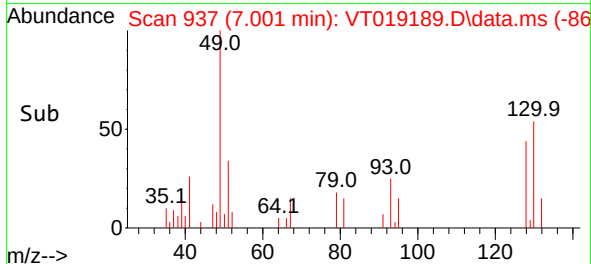
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 41	Resp: 466
Ion Ratio	Lower Upper
41 100	
39 57.1	26.2 78.5
67 59.4	31.4 94.3
52 30.0	13.2 39.5

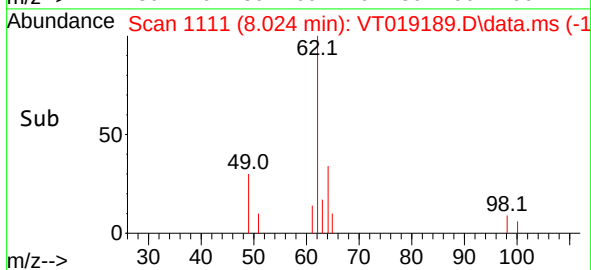
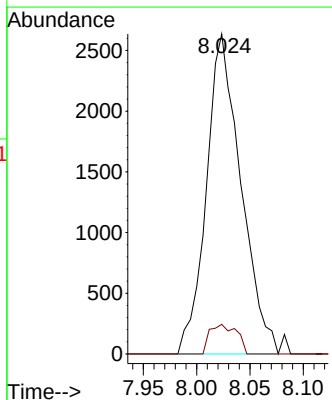
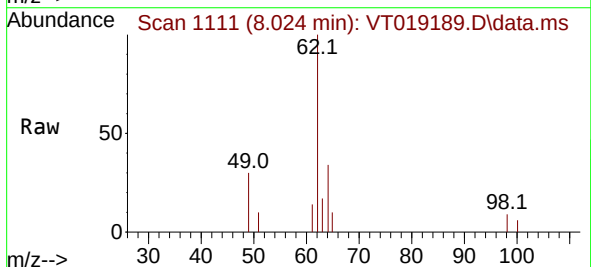
Manual Integrations
APPROVED

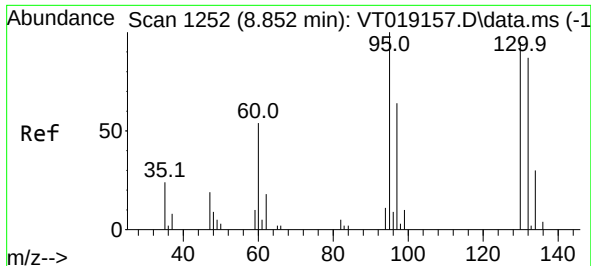
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,2-Dichloroethane
Concen: 2.496 ug/l
RT: 8.024 min Scan# 1111
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

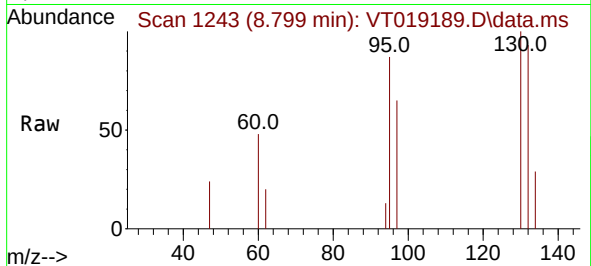
Tgt Ion: 62	Resp: 5941		
Ion Ratio	Lower	Upper	
62 100			
98 7.2	6.7	10.1	





#37
Trichloroethene
Concen: 2.622 ug/l
RT: 8.799 min Scan# 1243
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

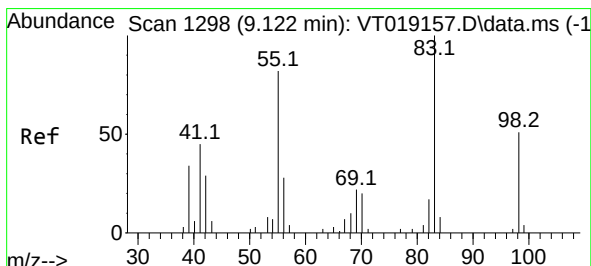
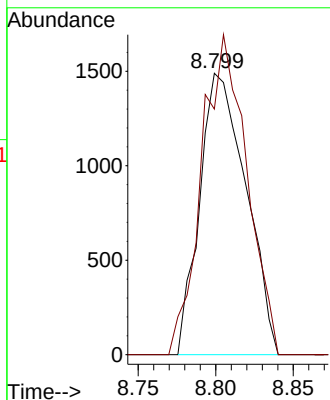
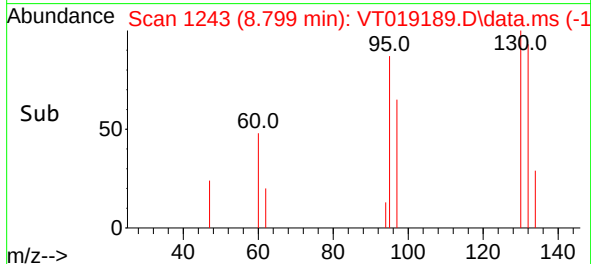
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion:130 Resp: 309
Ion Ratio Lower Upper
130 100
95 87.2 79.4 119.2

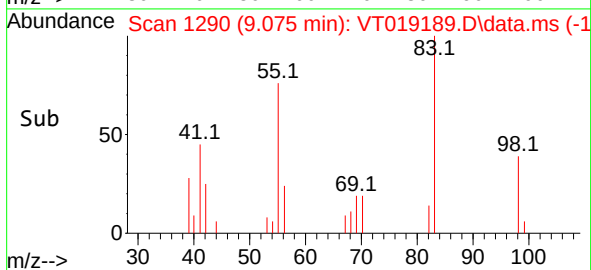
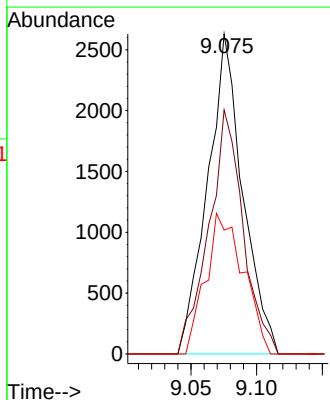
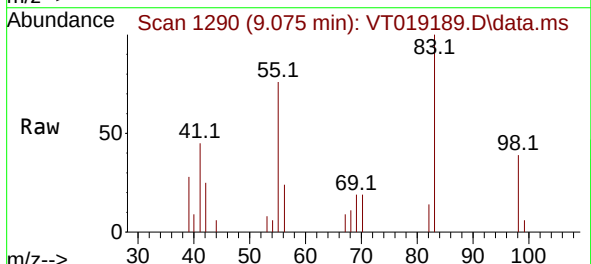
Manual Integrations
APPROVED

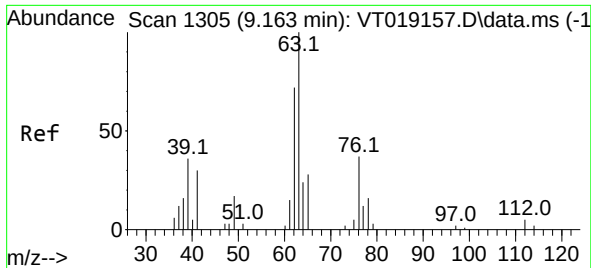
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#38
Methylcyclohexane
Concen: 2.813 ug/l
RT: 9.075 min Scan# 1290
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

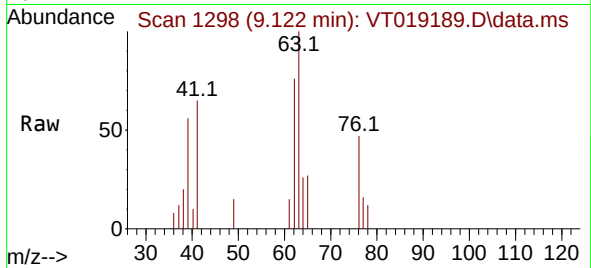
Tgt Ion: 83 Resp: 4910
Ion Ratio Lower Upper
83 100
55 74.2 40.3 120.8
98 47.2 24.3 72.9





#39
1,2-Dichloropropane
Concen: 2.527 ug/l
RT: 9.122 min Scan# 1305
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

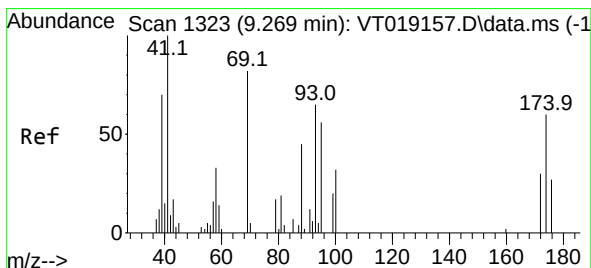
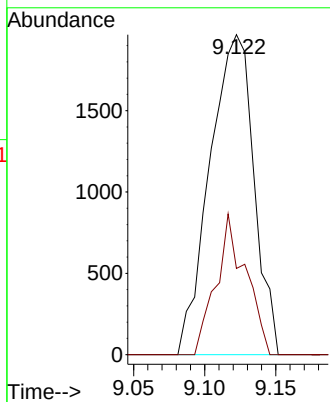
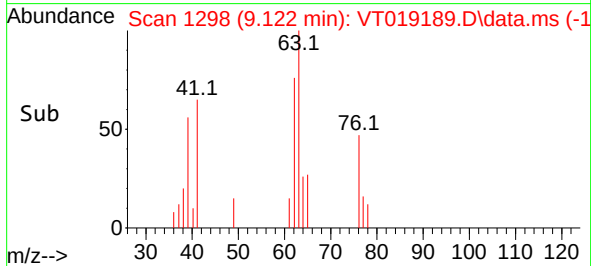
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 63 Resp: 4249
Ion Ratio Lower Upper
63 100
65 26.9 19.8 29.6

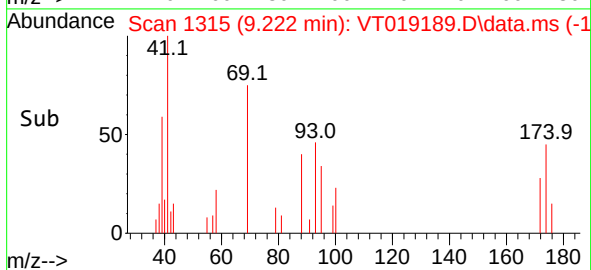
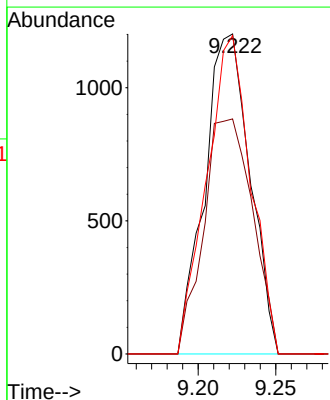
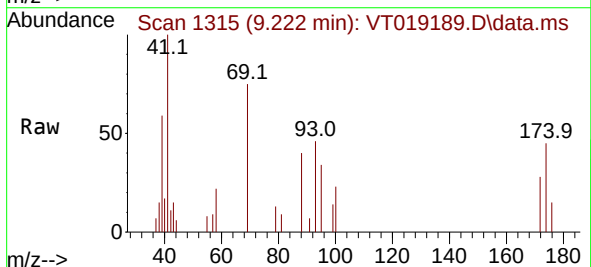
Manual Integrations
APPROVED

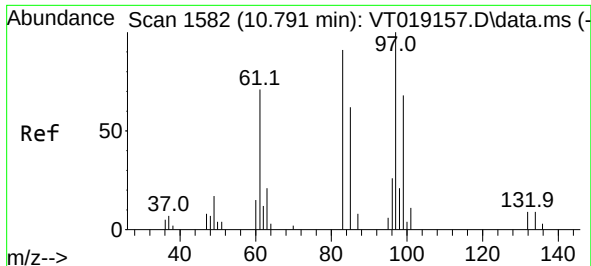
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Dibromomethane
Concen: 2.355 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

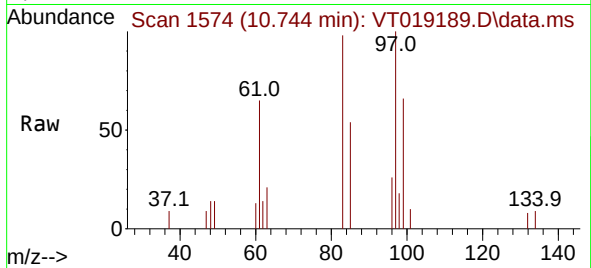
Tgt Ion: 93 Resp: 2442
Ion Ratio Lower Upper
93 100
95 79.5 0.0 166.2
174 96.6 0.0 26.4#





#41
Bromodichloromethane
Concen: 2.518 ug/l
RT: 10.744 min Scan# 1574
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

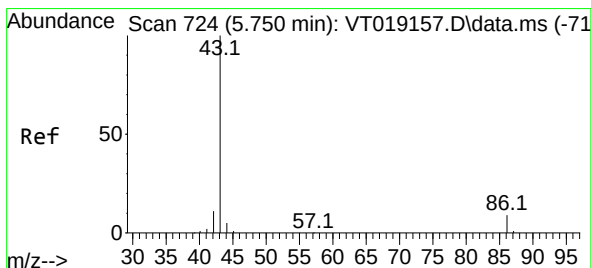
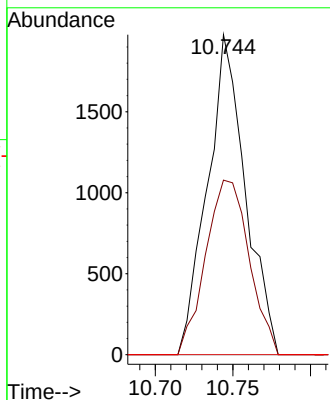
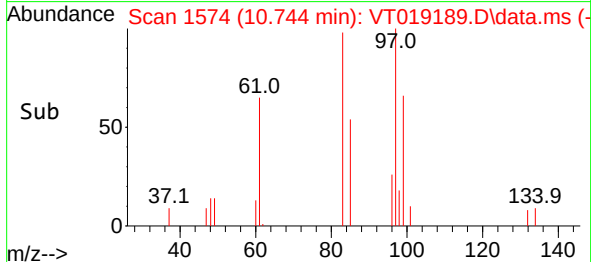
Instrument : MSVOA_T
ClientSampleId : MDL07



Tgt Ion: 83 Resp: 3354
Ion Ratio Lower Upper
83 100
85 54.6 47.2 70.8
127 0.0 7.1 10.7

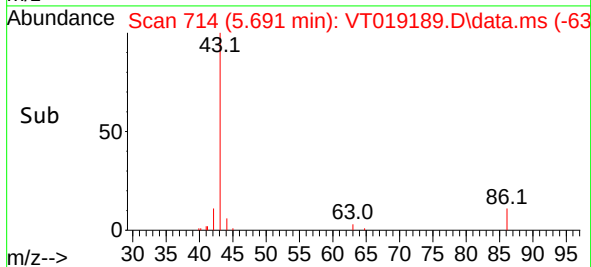
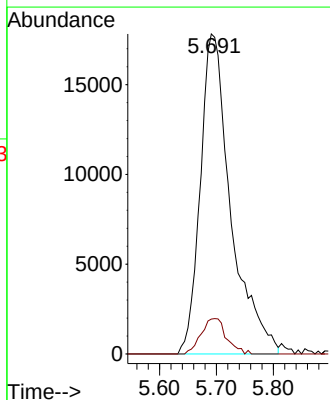
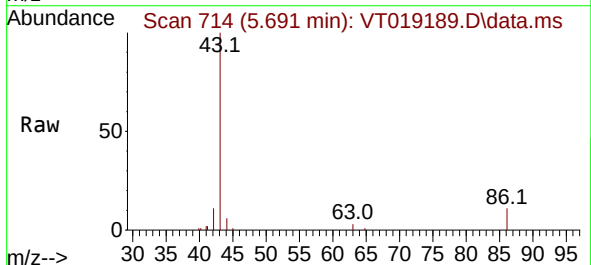
Manual Integrations
APPROVED

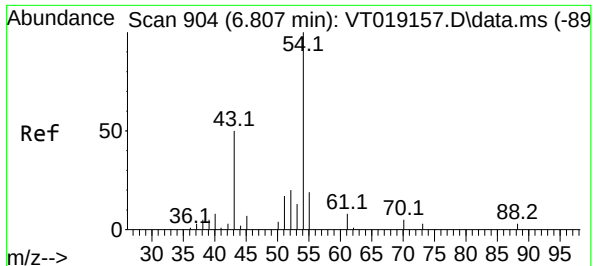
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#42
Vinyl Acetate
Concen: 12.690 ug/l
RT: 5.691 min Scan# 714
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 43 Resp: 66509
Ion Ratio Lower Upper
43 100
86 9.0 6.9 10.3





#43

Ethyl Acetate

Concen: 2.649 ug/l m

RT: 6.743 min Scan# 893

Delta R.T. -0.058 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

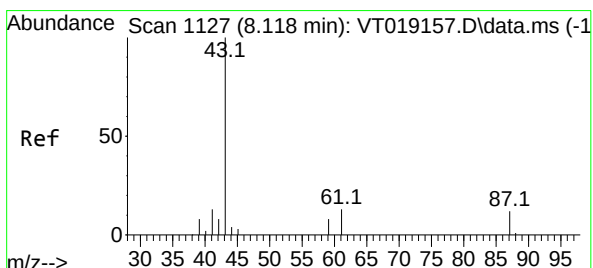
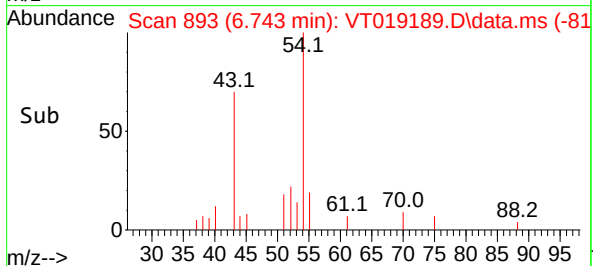
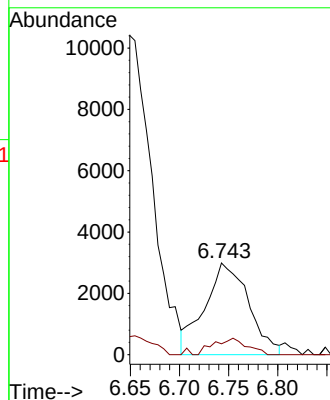
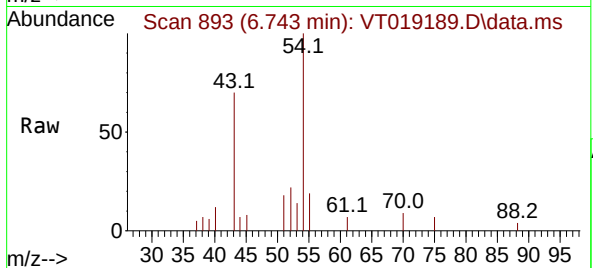
45 8.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#44

Isopropyl Acetate

Concen: 2.439 ug/l

RT: 8.076 min Scan# 1120

Delta R.T. -0.047 min

Lab File: VT019189.D

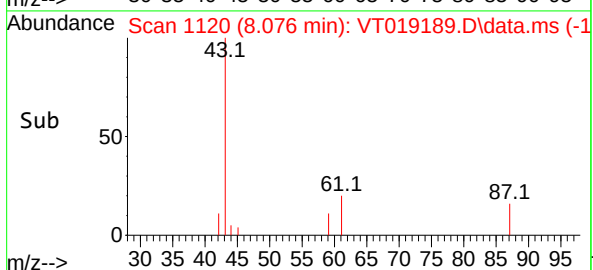
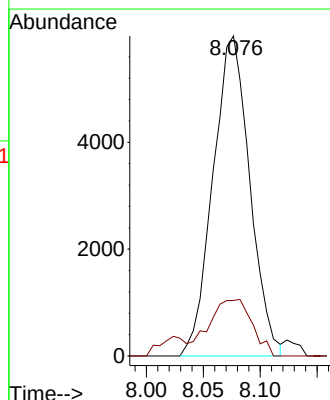
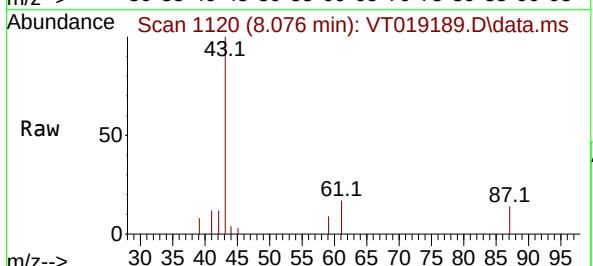
Acq: 27 Oct 2025 10:31

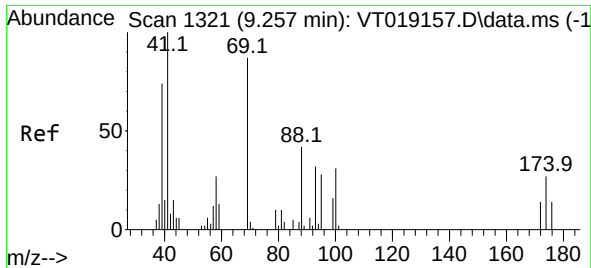
Tgt Ion: 43 Resp: 13477

Ion Ratio Lower Upper

43 100

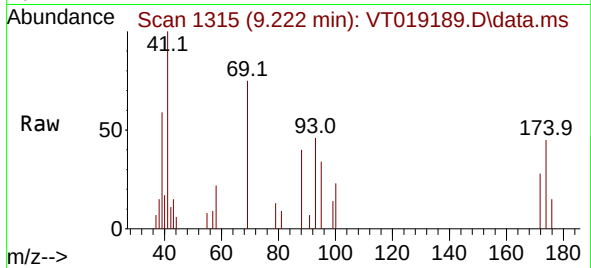
61 20.7 14.7 22.1





#45
1,4-Dioxane
Concen: 43.006 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

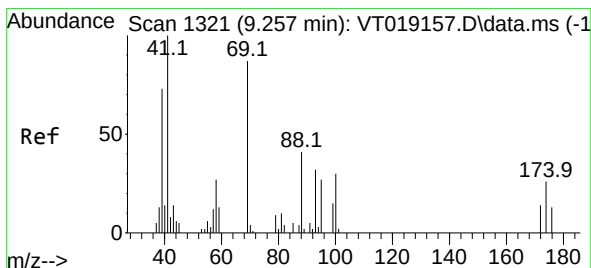
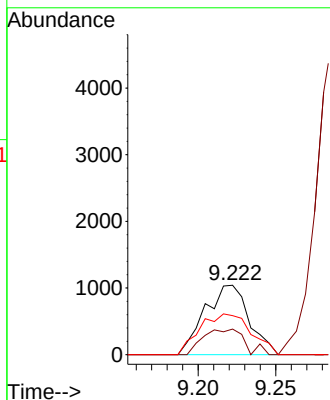
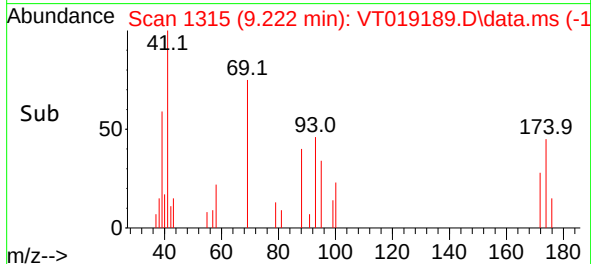
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 88 Resp: 2062
Ion Ratio Lower Upper
88 100
43 32.0 30.2 45.2
58 68.2 33.3 49.9

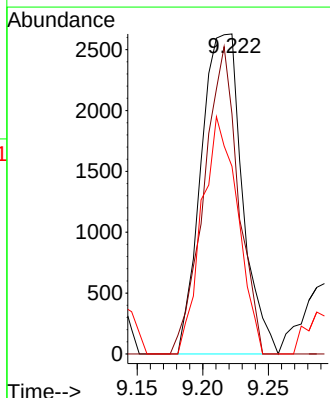
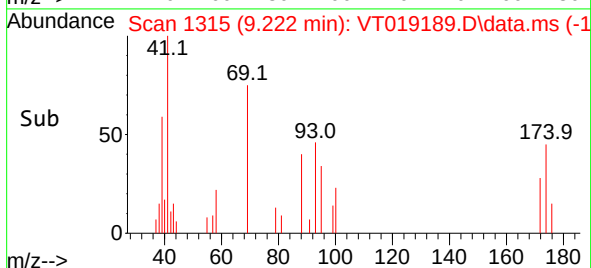
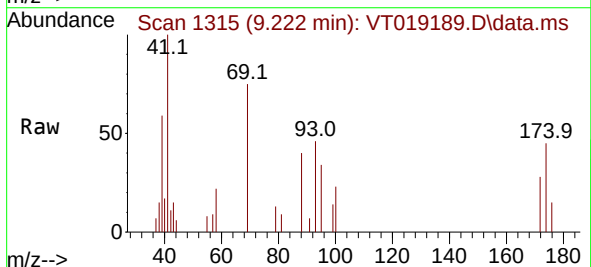
Manual Integrations
APPROVED

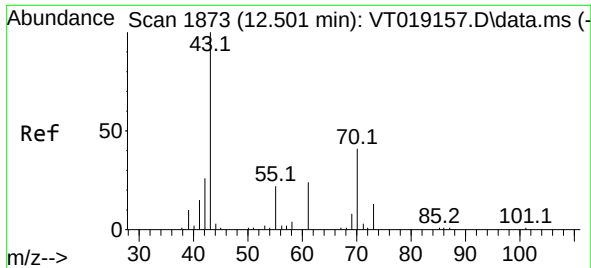
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Methyl methacrylate
Concen: 2.322 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.035 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 41 Resp: 5738
Ion Ratio Lower Upper
41 100
69 75.0 35.8 107.3
39 58.7 24.4 73.4





#47

n-amyl acetate

Concen: 2.380 ug/l

RT: 12.454 min Scan# 1865

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

43 100

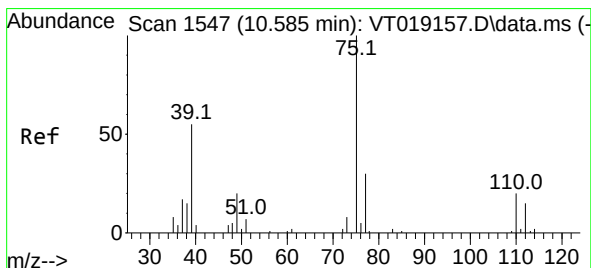
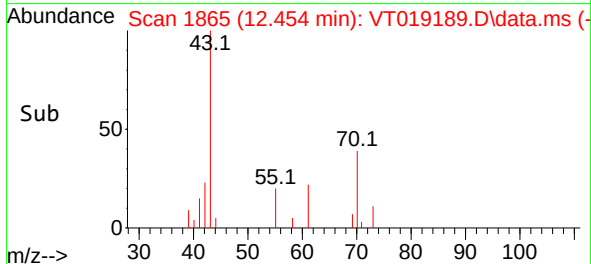
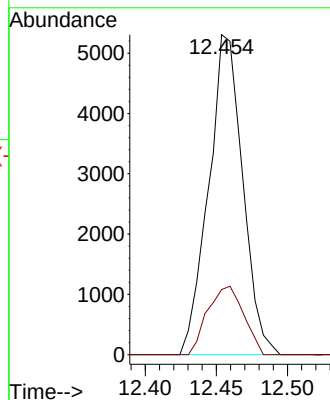
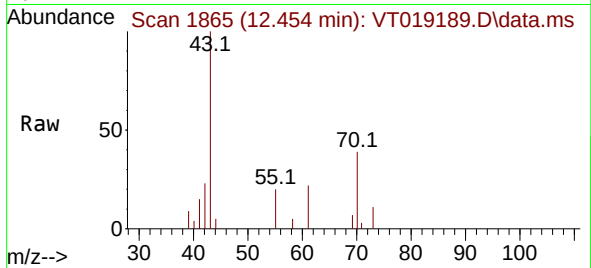
55 22.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#48

t-1,3-Dichloropropene

Concen: 2.405 ug/l

RT: 10.538 min Scan# 1539

Delta R.T. -0.047 min

Lab File: VT019189.D

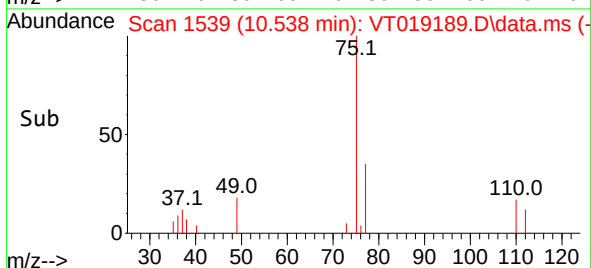
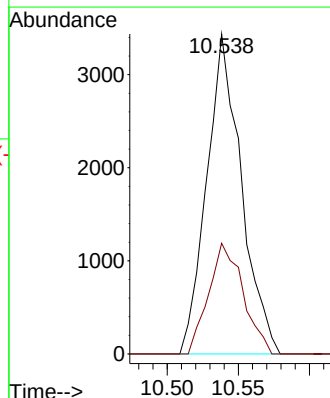
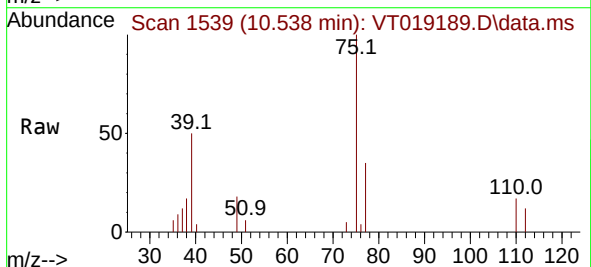
Acq: 27 Oct 2025 10:31

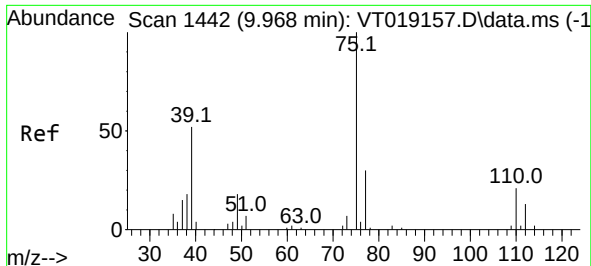
Tgt Ion: 75 Resp: 5813

Ion Ratio Lower Upper

75 100

77 34.6 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 2.435 ug/l

RT: 9.921 min Scan# 1442

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

Tgt Ion: 75 Resp: 618

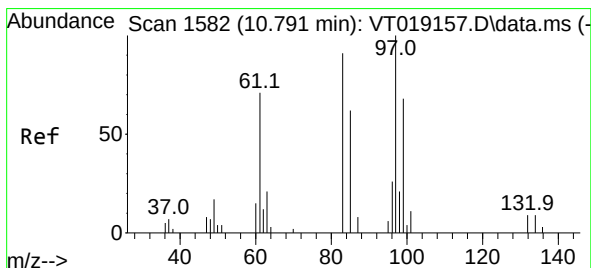
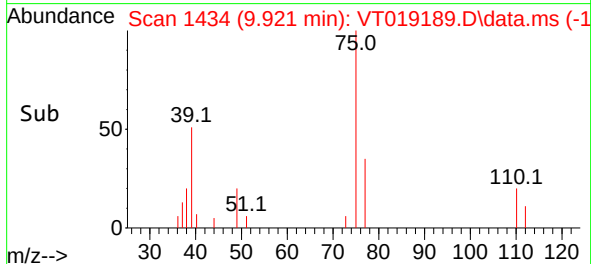
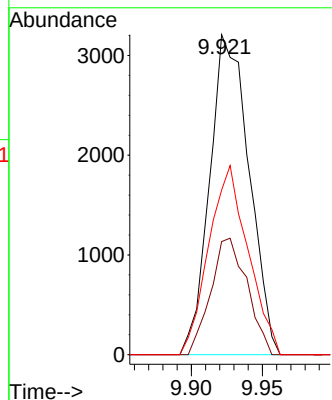
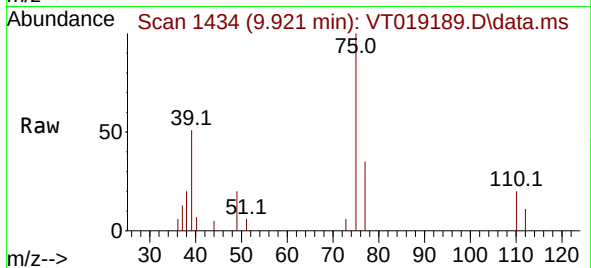
Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.1	37.7
39	51.5	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

1,1,2-Trichloroethane

Concen: 2.513 ug/l

RT: 10.744 min Scan# 1574

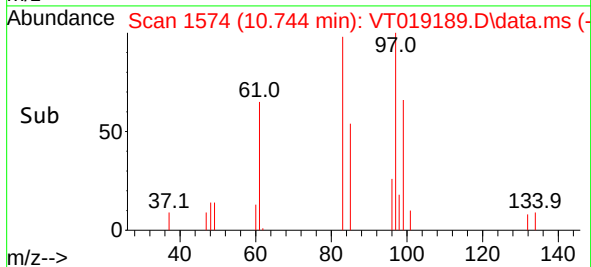
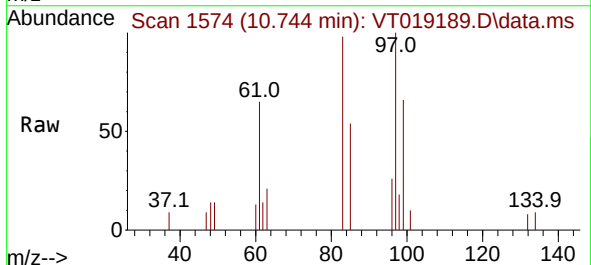
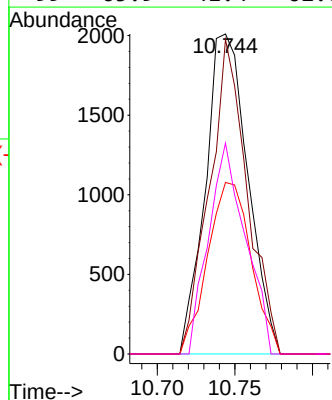
Delta R.T. -0.047 min

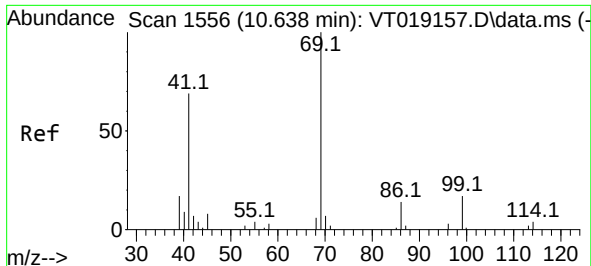
Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Tgt Ion: 97 Resp: 3833

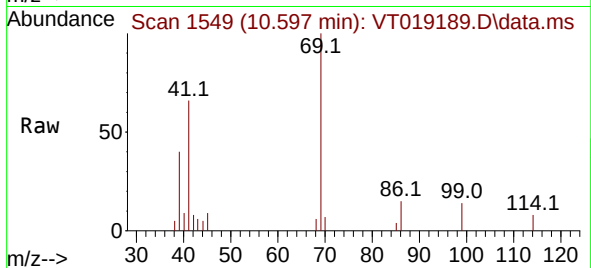
Ion	Ratio	Lower	Upper
97	100		
83	98.3	58.3	87.5#
85	53.6	36.5	54.7
99	65.9	41.4	62.0#





#51
Ethyl methacrylate
Concen: 2.340 ug/l
RT: 10.597 min Scan# 11
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

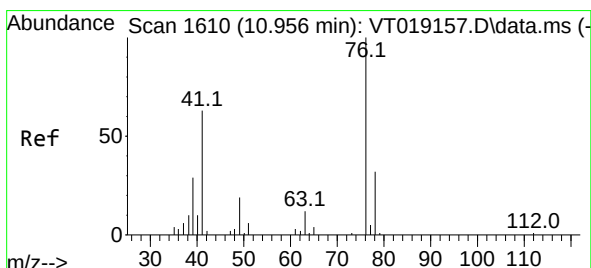
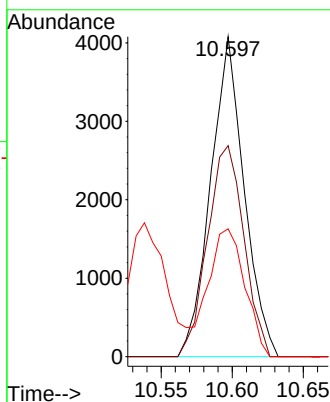
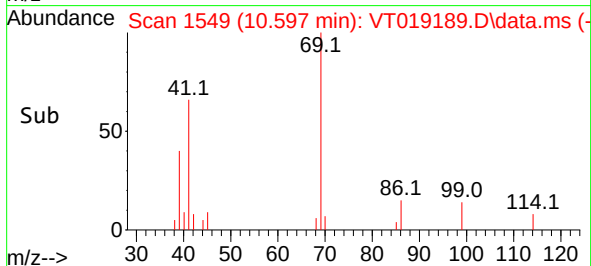
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 69 Resp: 668
Ion Ratio Lower Upper
69 100
41 65.9 35.0 105.1
39 39.9 19.5 58.5

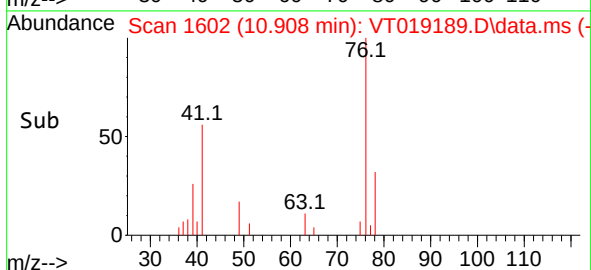
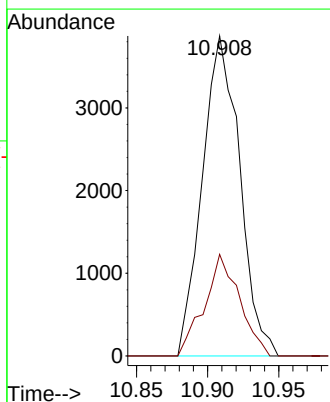
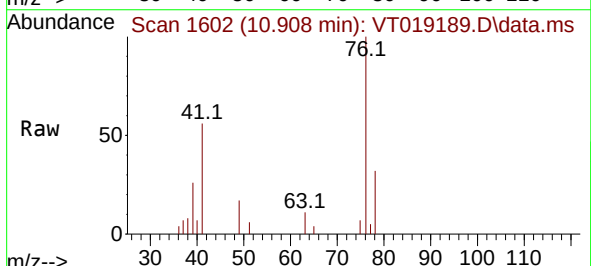
Manual Integrations
APPROVED

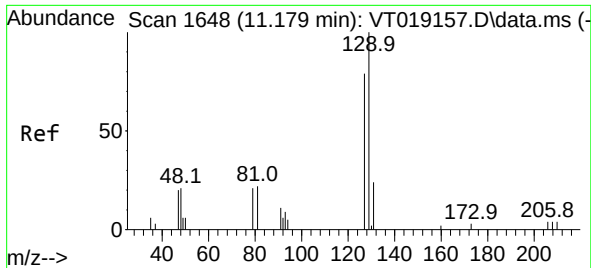
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
1,3-Dichloropropane
Concen: 2.593 ug/l
RT: 10.908 min Scan# 1602
Delta R.T. -0.048 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 76 Resp: 7064
Ion Ratio Lower Upper
76 100
78 29.8 0.0 63.6





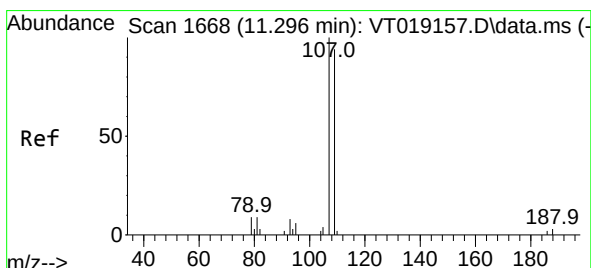
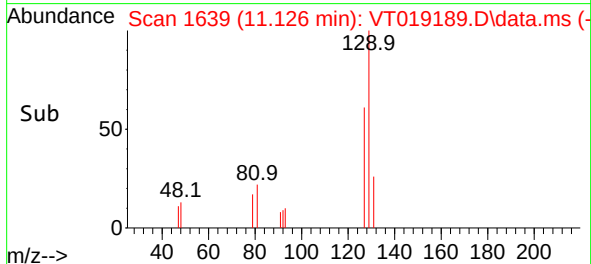
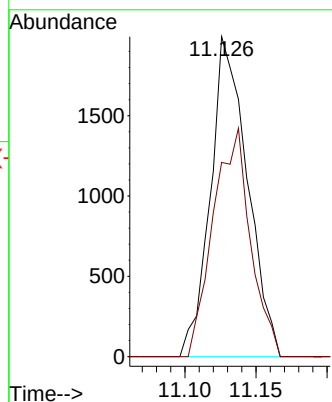
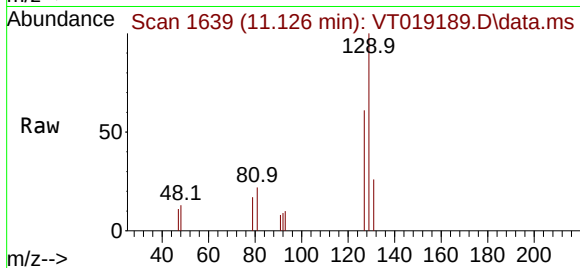
#53
Dibromochloromethane
Concen: 2.531 ug/l
RT: 11.126 min Scan# 1639
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:129 Resp: 3600
Ion Ratio Lower Upper
129 100
127 71.8 125.0 374.9

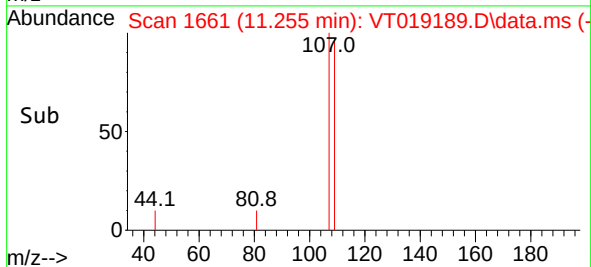
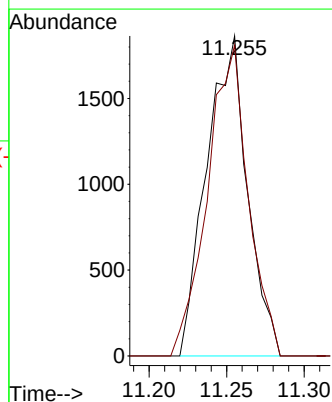
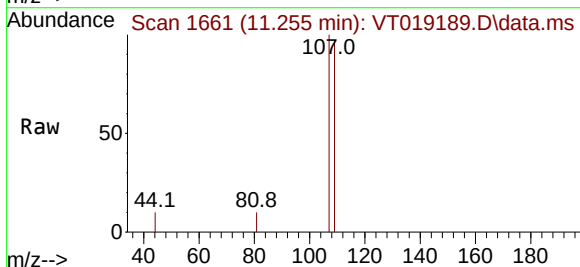
Manual Integrations
APPROVED

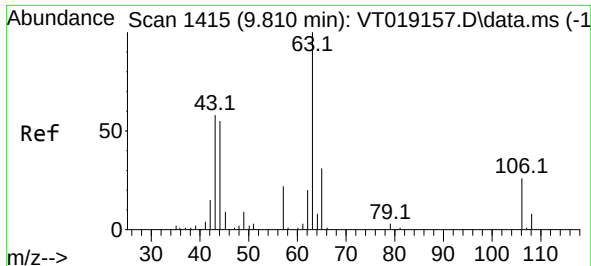
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
1,2-Dibromoethane
Concen: 2.405 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

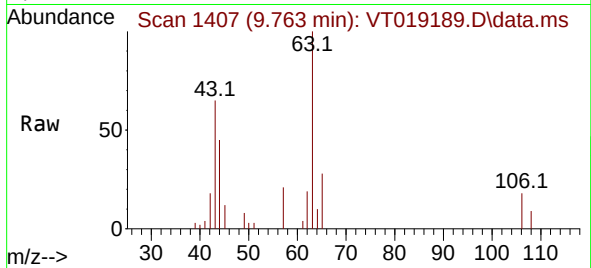
Tgt Ion:107 Resp: 3412
Ion Ratio Lower Upper
107 100
109 96.8 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 13.449 ug/l
RT: 9.763 min Scan# 1415
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

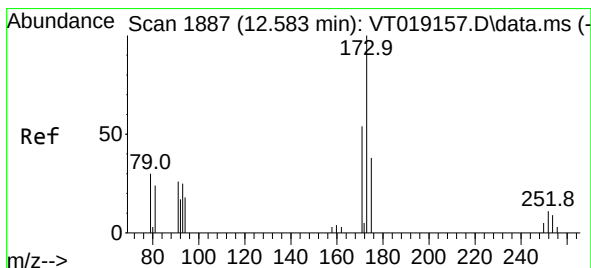
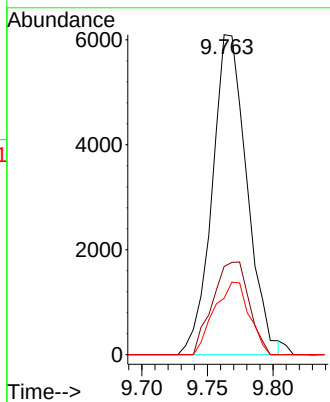
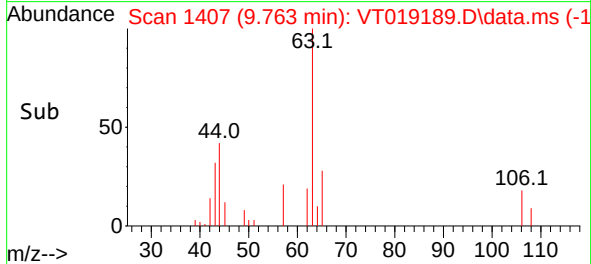
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 63 Resp: 1121
Ion Ratio Lower Upper
63 100
65 30.4 25.8 38.6
106 22.8 22.1 33.1

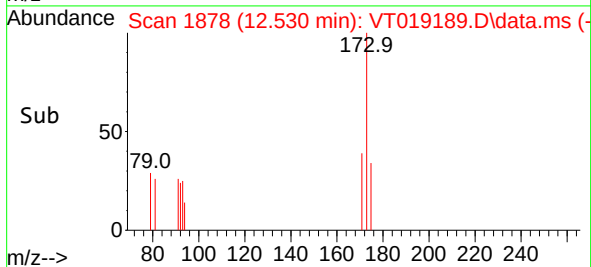
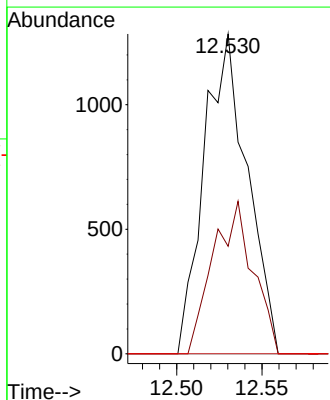
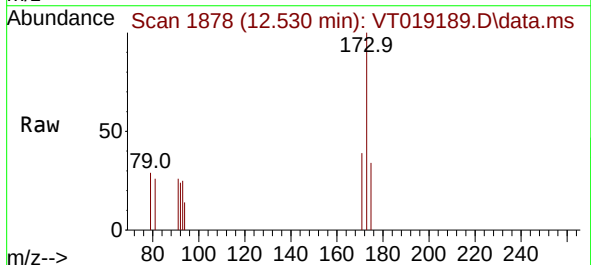
Manual Integrations
APPROVED

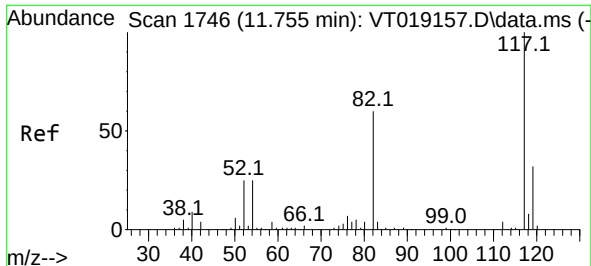
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#56
Bromoform
Concen: 2.422 ug/l
RT: 12.530 min Scan# 1878
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

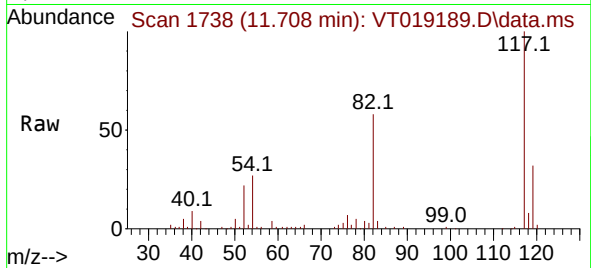
Tgt Ion:173 Resp: 2265
Ion Ratio Lower Upper
173 100
175 44.2 2.6 3.8#
254 0.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.708 min Scan# 117
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

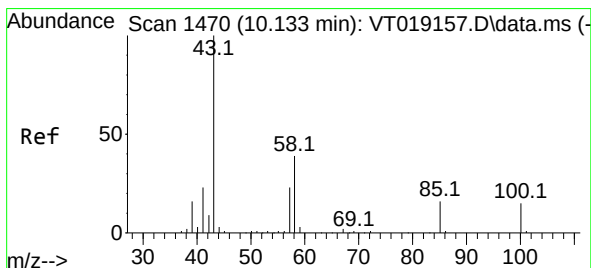
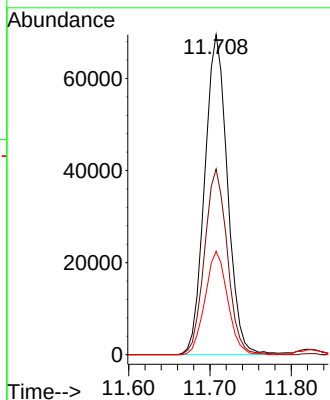
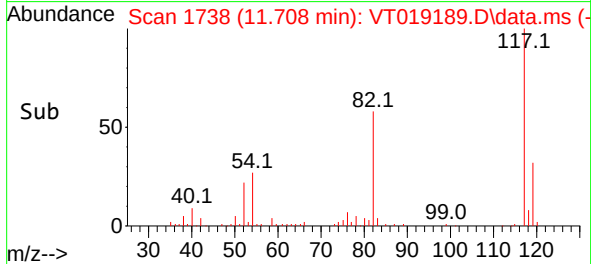
Instrument :
MSVOA_T
ClientSampleId :
MDL07



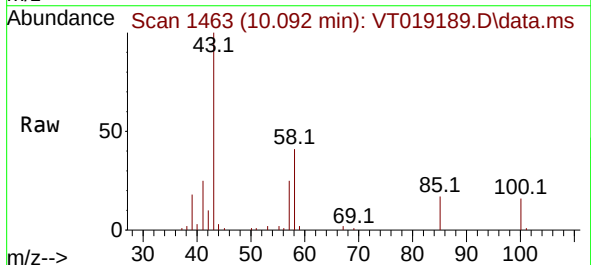
Tgt Ion: 117 Resp: 135570
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 32.0 25.8 38.8

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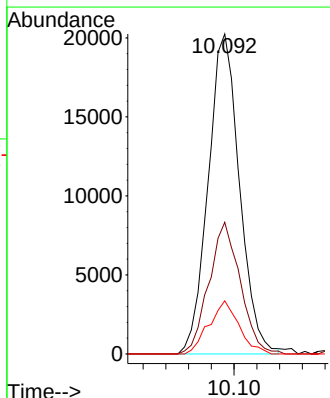
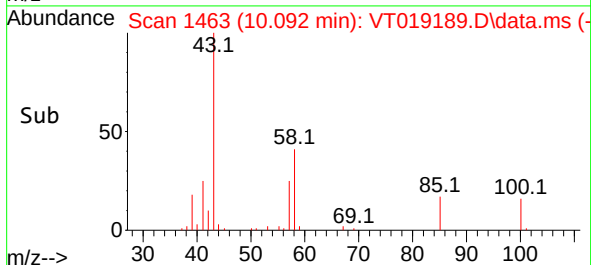
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

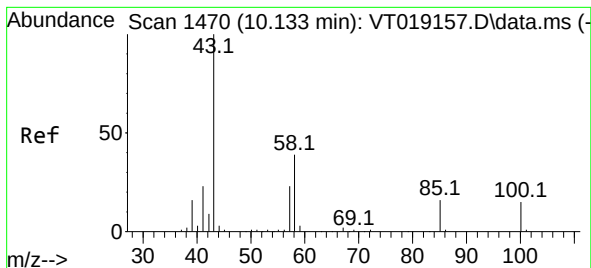


#58
4-Methyl-2-Pentanone
Concen: 11.647 ug/l
RT: 10.092 min Scan# 1463
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



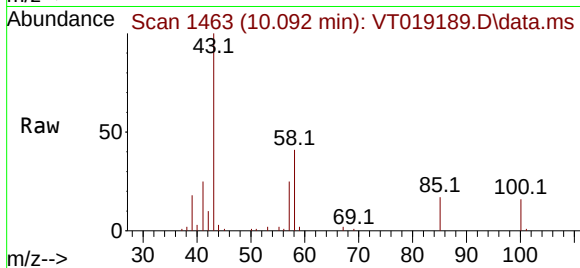
Tgt Ion: 43 Resp: 38669
Ion Ratio Lower Upper
43 100
58 41.3 30.6 45.8
85 16.0 13.4 20.2





#59
2-Hexanone
Concen: 11.575 ug/l m
RT: 10.092 min Scan# 1470
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

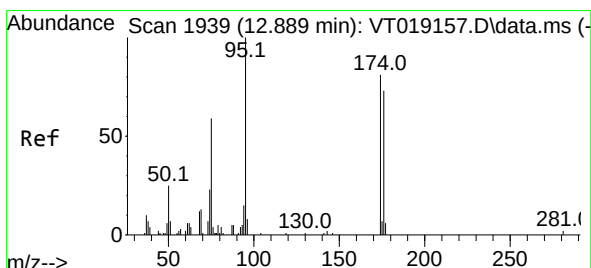
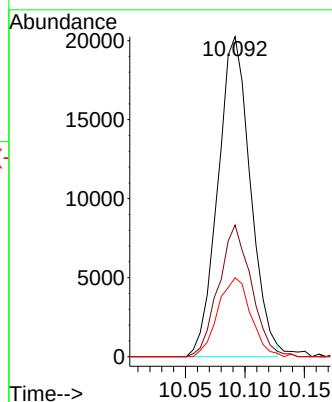
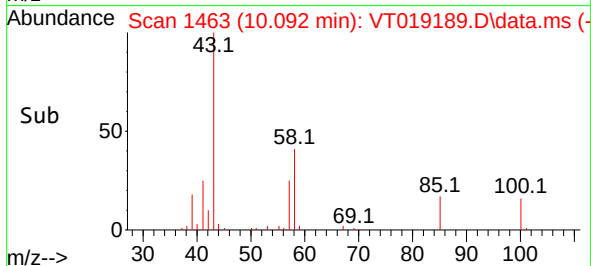
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 38430
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0
57 0.1 14.6 21.8

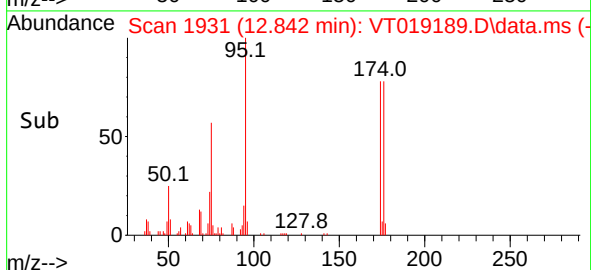
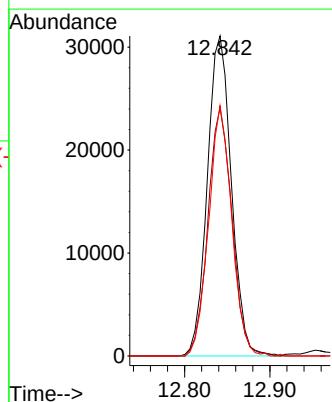
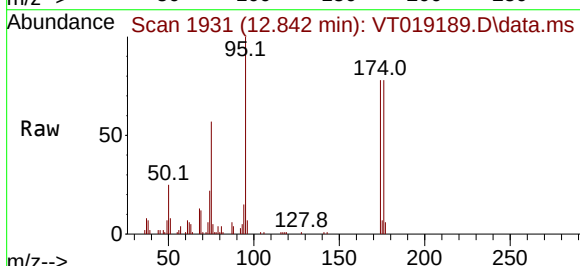
Manual Integrations
APPROVED

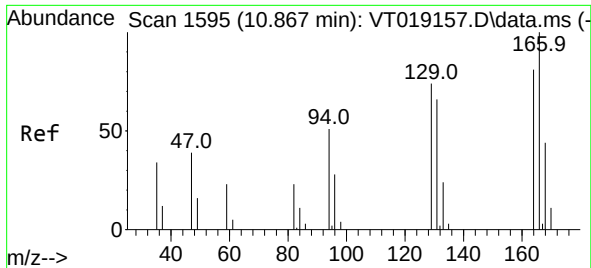
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
4-Bromofluorobenzene
Concen: 28.698 ug/l
RT: 12.842 min Scan# 1931
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

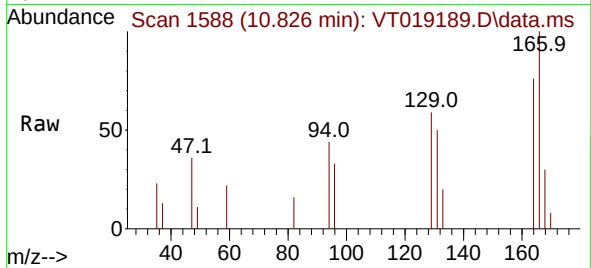
Tgt Ion: 95 Resp: 61150
Ion Ratio Lower Upper
95 100
174 77.3 57.5 86.3
176 74.7 56.4 84.6





#61
Tetrachloroethene
Concen: 2.980 ug/l
RT: 10.826 min Scan# 1495
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

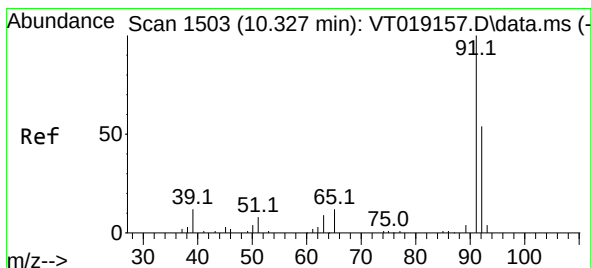
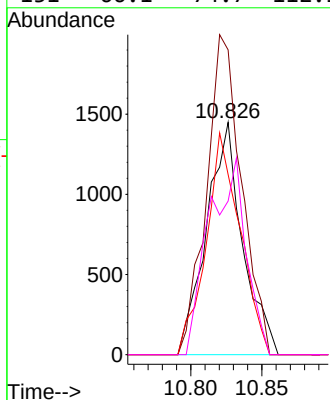
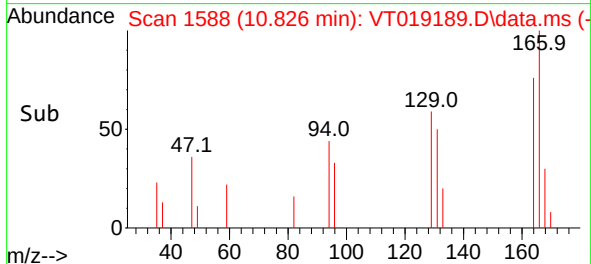
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion:164 Resp: 2554
Ion Ratio Lower Upper
164 100
166 131.2 101.0 151.4
129 77.6 78.6 117.8
131 66.1 74.7 112.1#

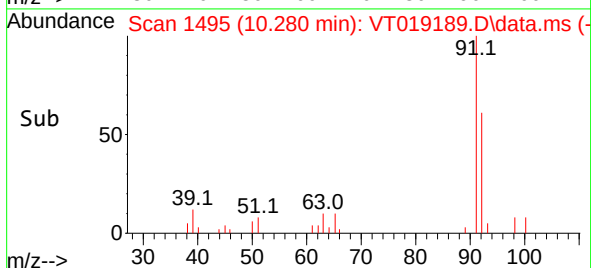
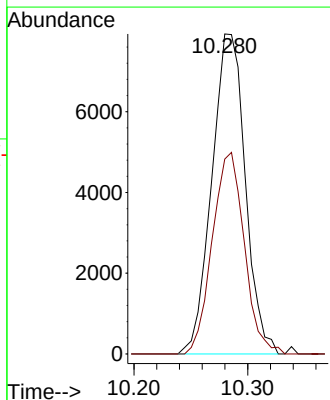
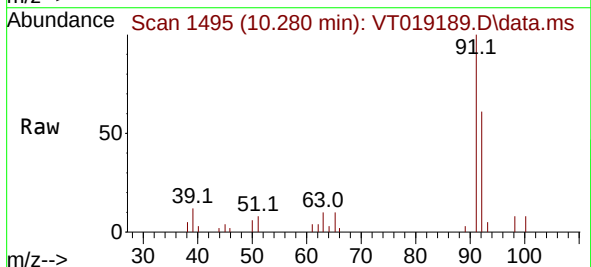
Manual Integrations
APPROVED

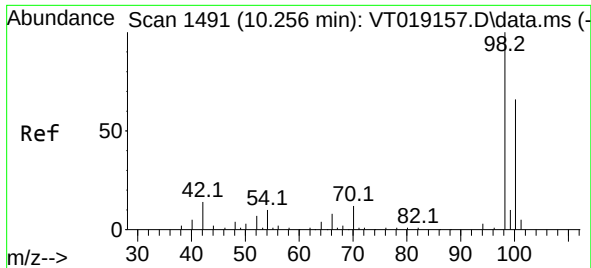
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#62
Toluene
Concen: 2.667 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

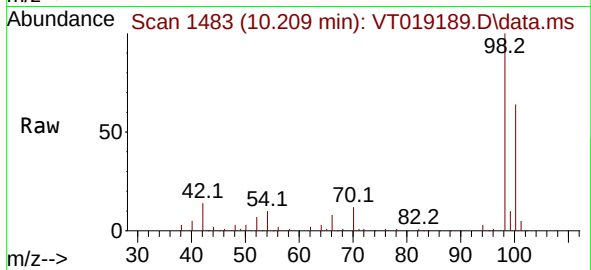
Tgt Ion: 91 Resp: 16197
Ion Ratio Lower Upper
91 100
92 60.2 46.6 69.8





#63
Toluene-d8
Concen: 29.751 ug/l
RT: 10.209 min Scan# 1491
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

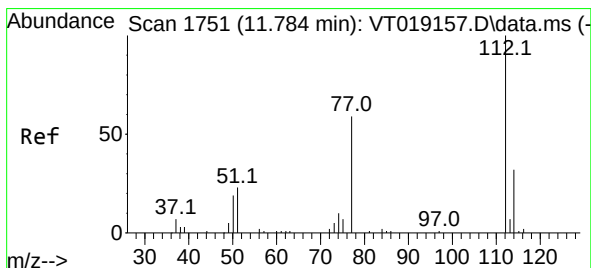
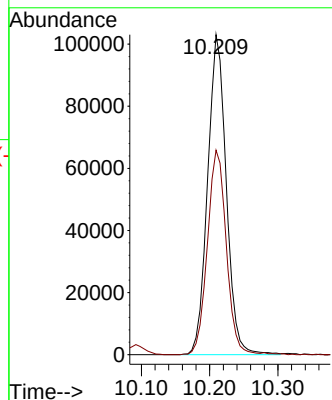
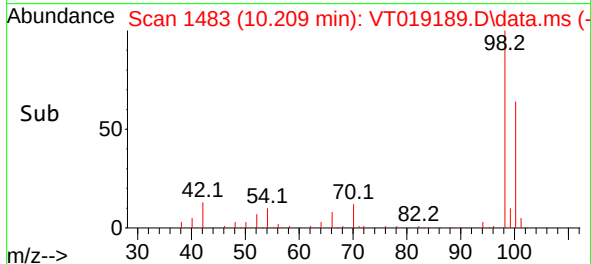
Instrument :
MSVOA_T
ClientSampleId :
MDL07



Tgt Ion: 98 Resp: 196324
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

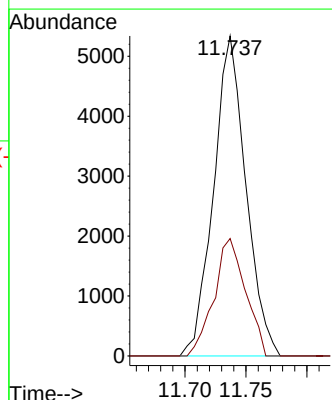
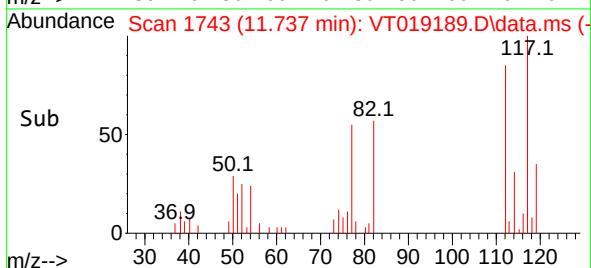
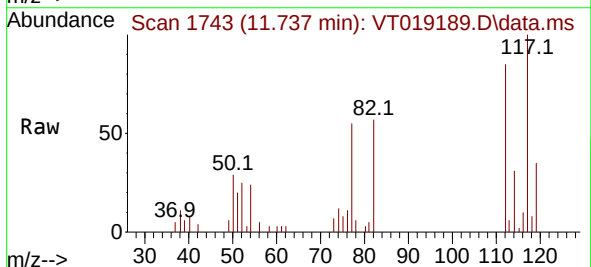
Manual Integrations
APPROVED

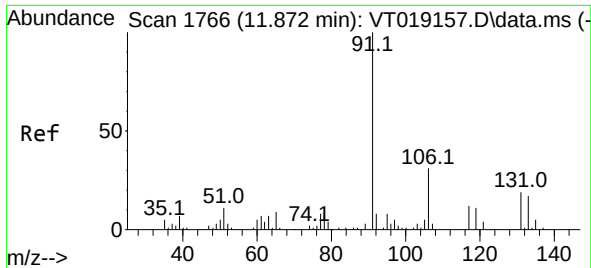
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Chlorobenzene
Concen: 2.659 ug/l
RT: 11.737 min Scan# 1743
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:112 Resp: 9861
Ion Ratio Lower Upper
112 100
114 36.7 23.6 35.4#





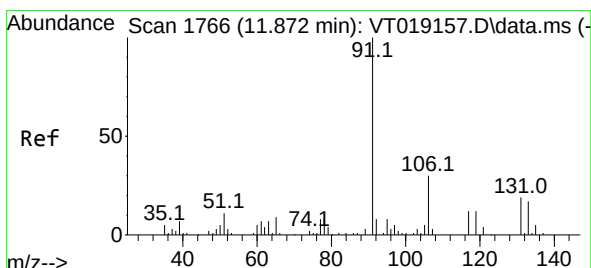
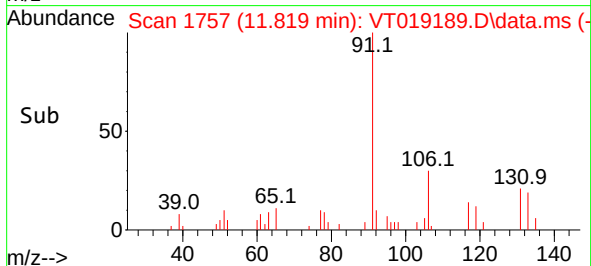
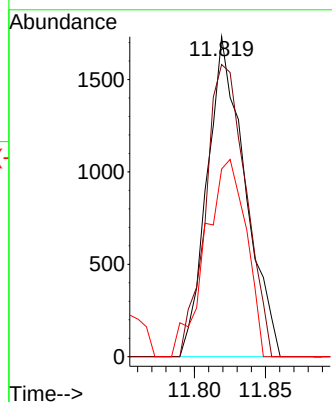
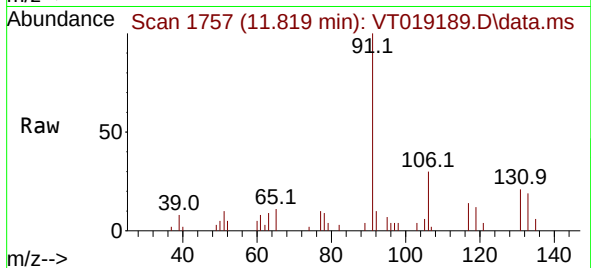
#65
1,1,1,2-Tetrachloroethane
Concen: 2.659 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:131 Resp: 321
Ion Ratio Lower Upper
131 100
133 96.4 0.0 188.2
119 62.7 0.0 101.8

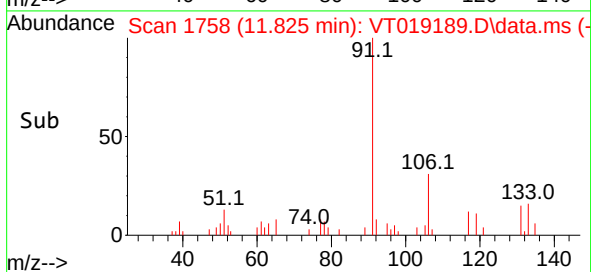
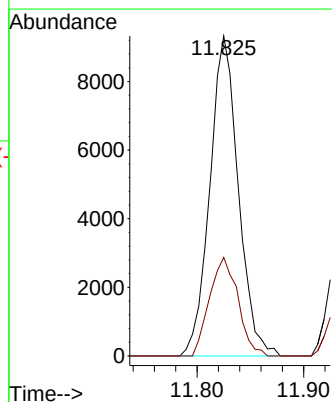
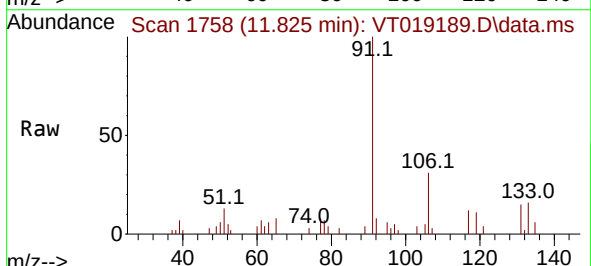
Manual Integrations
APPROVED

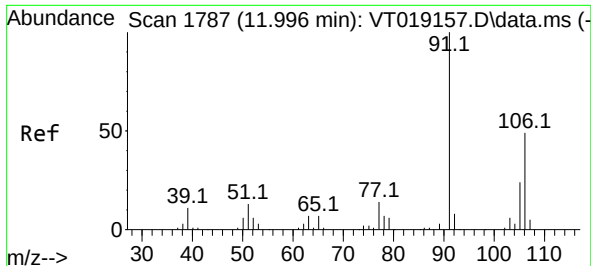
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
Ethyl Benzene
Concen: 2.625 ug/l
RT: 11.825 min Scan# 1758
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 91 Resp: 17323
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7





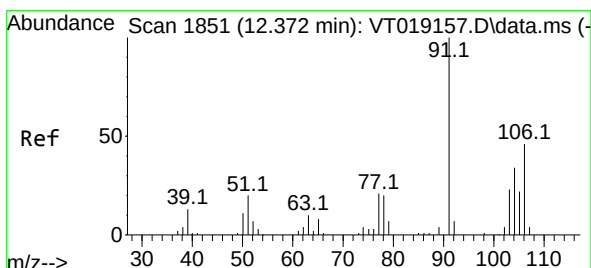
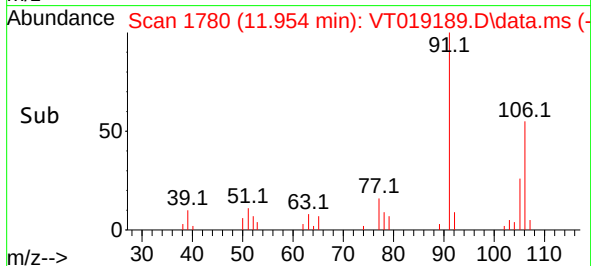
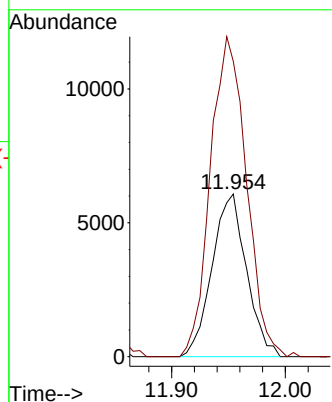
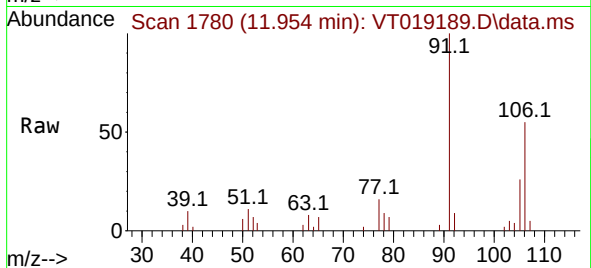
#67
m/p-Xylenes
Concen: 5.207 ug/l
RT: 11.954 min Scan# 1194
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 12774
Ion Ratio Lower Upper
106 100
91 205.4 164.4 246.6

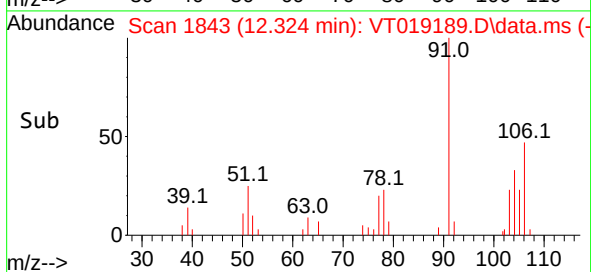
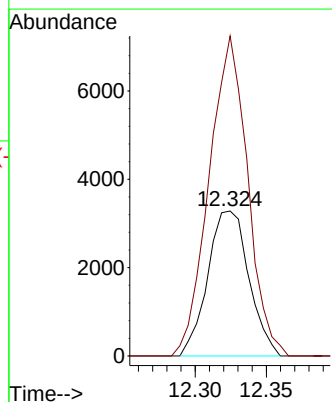
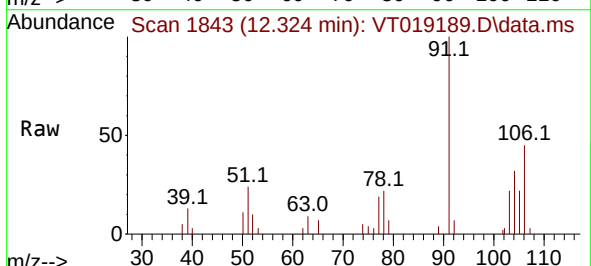
Manual Integrations
APPROVED

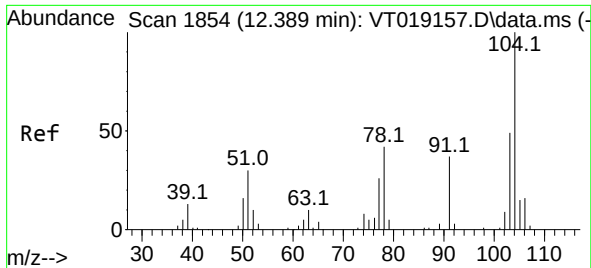
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
o-Xylene
Concen: 2.607 ug/l
RT: 12.324 min Scan# 1843
Delta R.T. -0.048 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:106 Resp: 6602
Ion Ratio Lower Upper
106 100
91 206.8 111.3 333.8





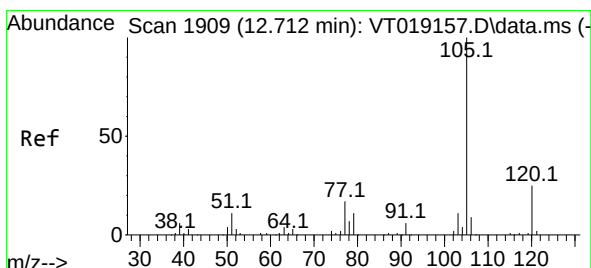
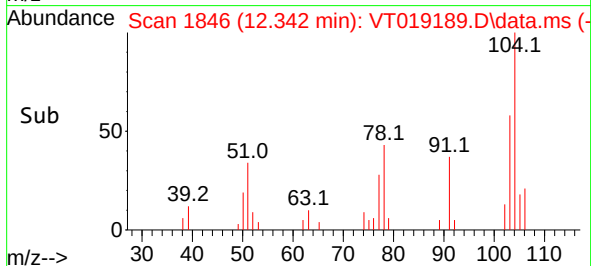
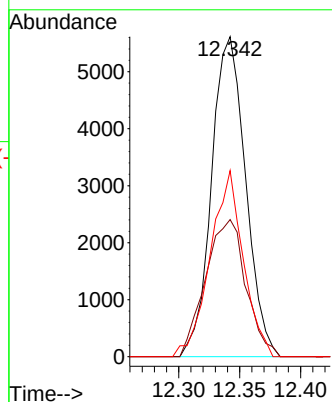
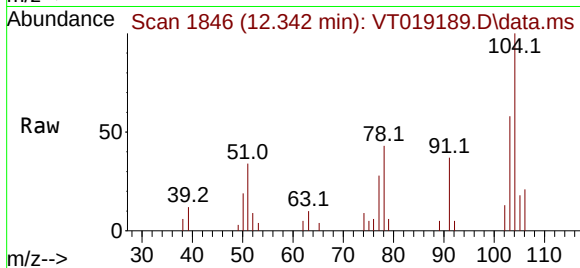
#69
Styrene
Concen: 2.406 ug/l
RT: 12.342 min Scan# 1854
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:104 Resp: 10939
Ion Ratio Lower Upper
104 100
78 50.7 42.6 63.8
103 56.4 43.5 65.3

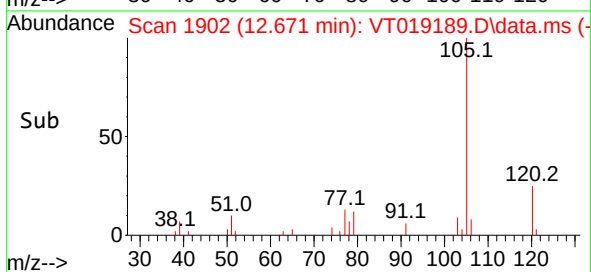
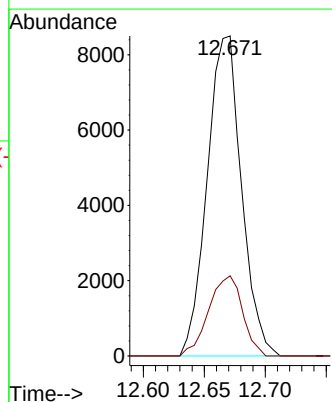
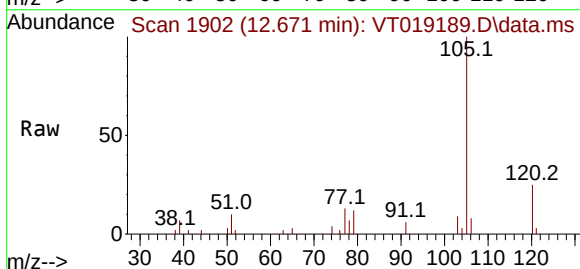
Manual Integrations
APPROVED

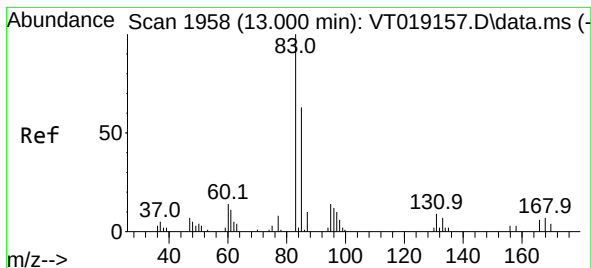
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Isopropylbenzene
Concen: 2.678 ug/l
RT: 12.671 min Scan# 1902
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:105 Resp: 16635
Ion Ratio Lower Upper
105 100
120 24.7 17.8 33.0





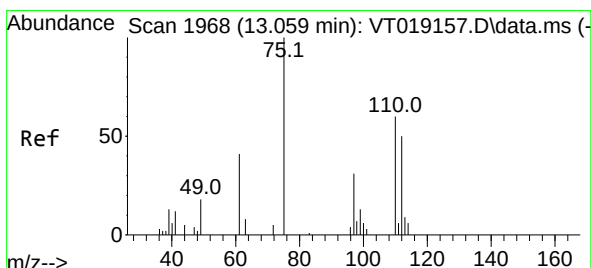
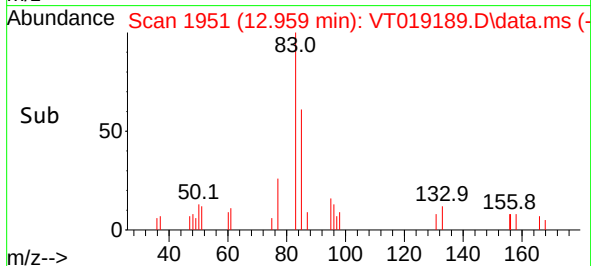
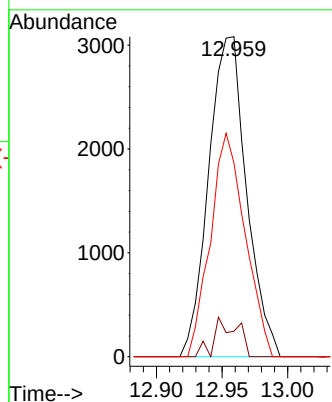
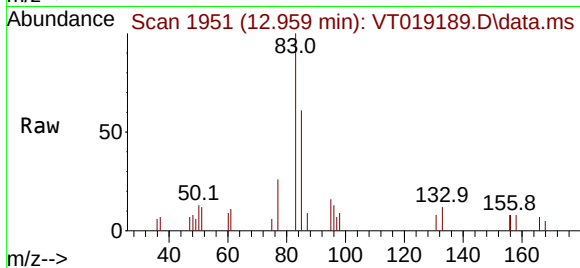
#71
1,1,2,2-Tetrachloroethane
Concen: 2.543 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion: 83 Resp: 6197
Ion Ratio Lower Upper
83 100
131 3.2 6.0 18.0
85 0.0 32.3 96.9

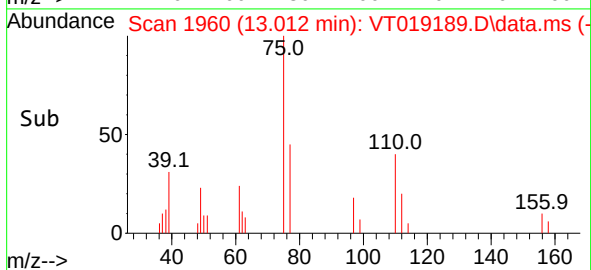
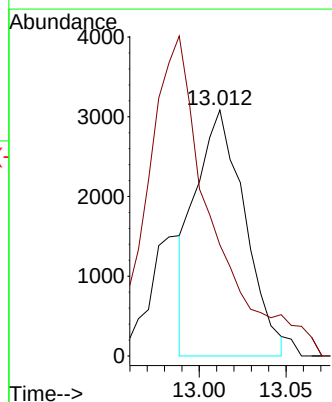
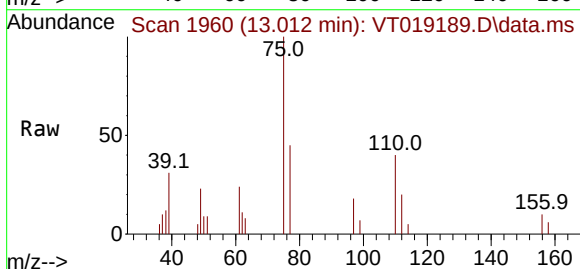
Manual Integrations
APPROVED

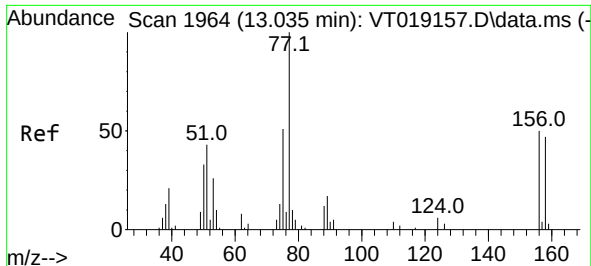
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#72
1,2,3-Trichloropropane
Concen: 3.381 ug/l m
RT: 13.012 min Scan# 1960
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

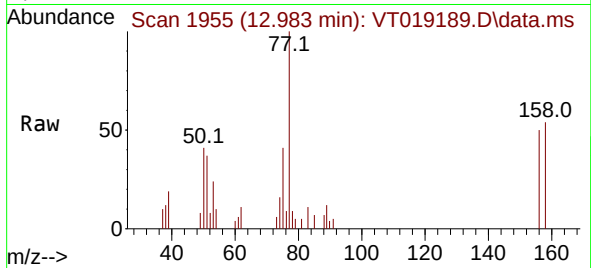
Tgt Ion: 75 Resp: 6083
Ion Ratio Lower Upper
75 100
77 167.6 0.0 74.2#





#73
Bromobenzene
Concen: 2.576 ug/l
RT: 12.983 min Scan# 1955
Delta R.T. -0.052 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

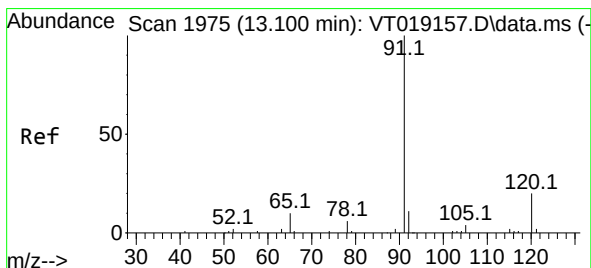
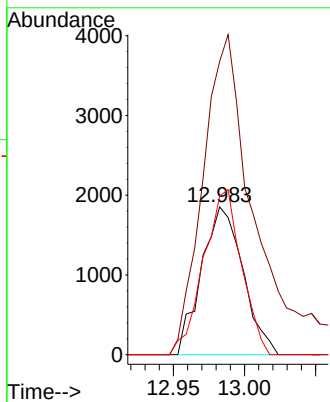
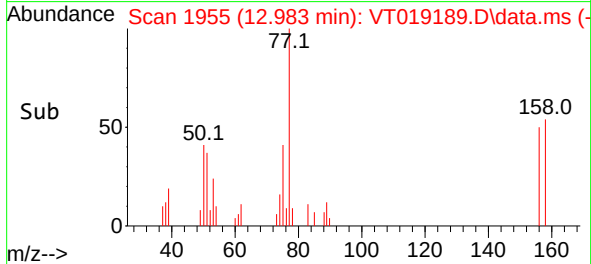
Instrument :
MSVOA_T
ClientSampleId :
MDL07



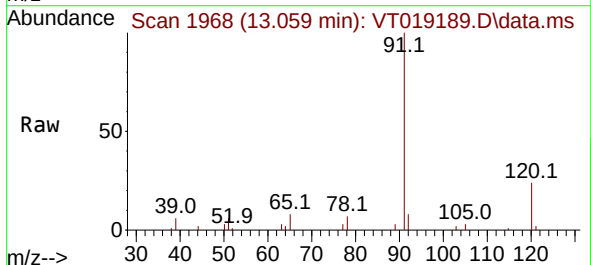
Tgt Ion:156 Resp: 376
Ion Ratio Lower Upper
156 100
77 270.9 0.0 340.8
158 102.2 0.0 189.0

Manual Integrations
APPROVED

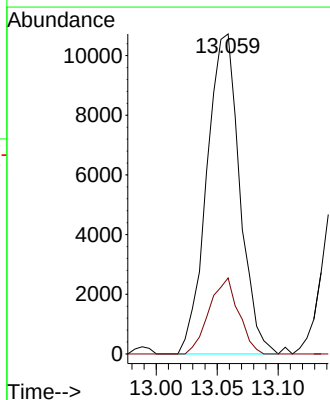
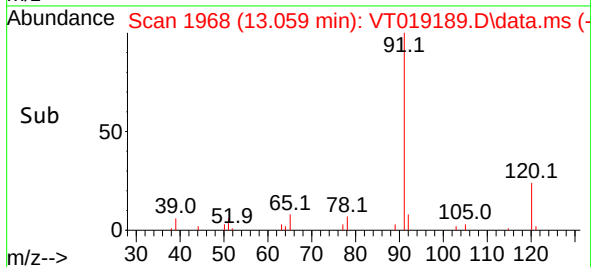
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

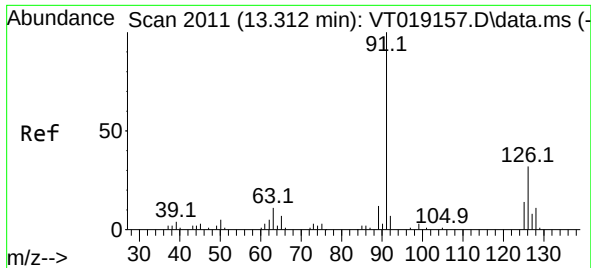


#74
n-propylbenzene
Concen: 2.695 ug/l
RT: 13.059 min Scan# 1968
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 91 Resp: 20182
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.4





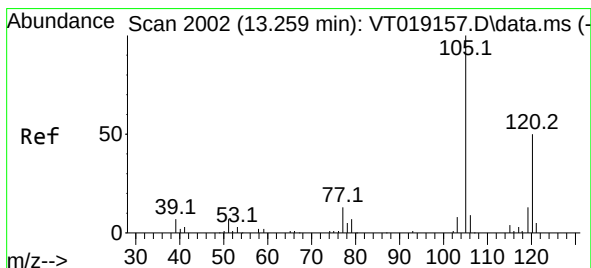
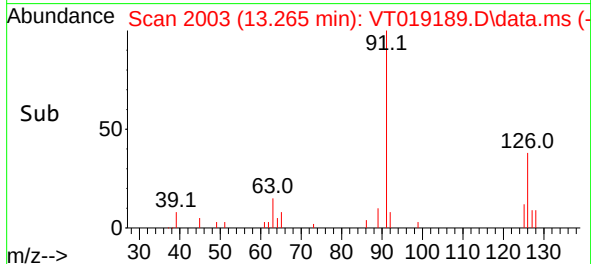
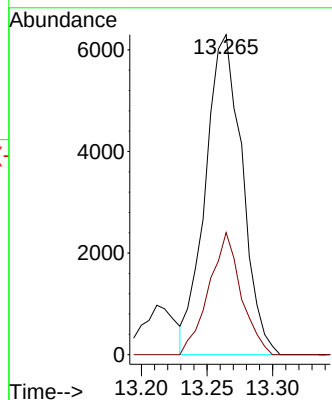
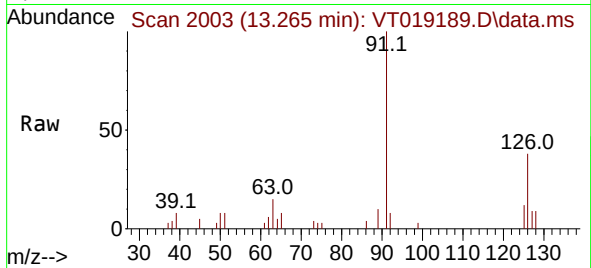
#75
2-Chlorotoluene
Concen: 2.678 ug/l
RT: 13.265 min Scan# 2011
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 1227
Ion Ratio Lower Upper
91 100
126 33.5 0.0 63.6

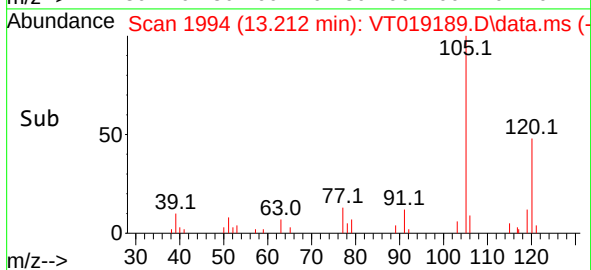
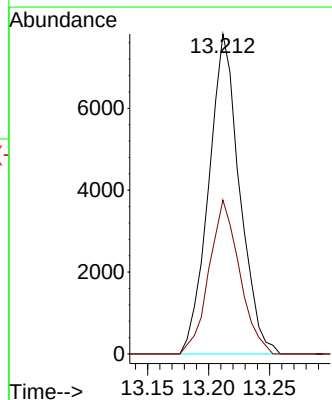
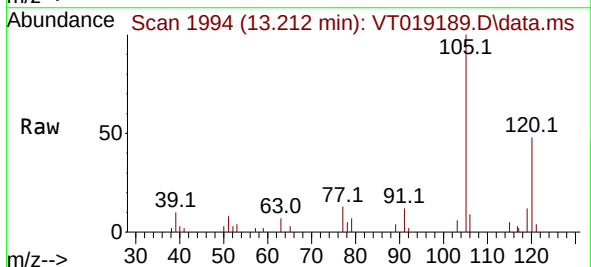
Manual Integrations
APPROVED

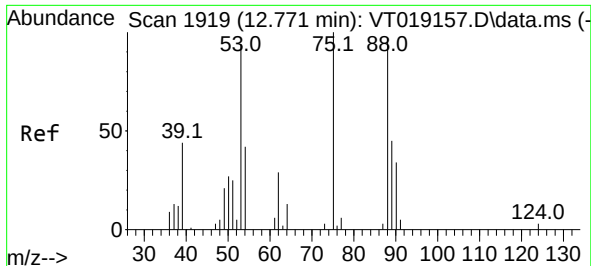
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 2.708 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

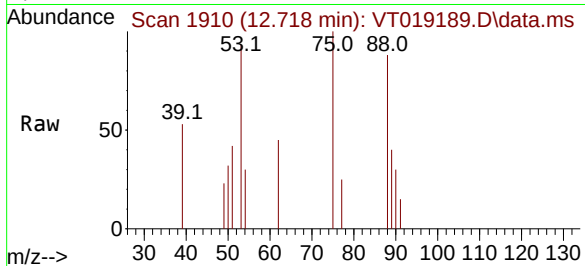
Tgt Ion:105 Resp: 13800
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 2.328 ug/l
RT: 12.718 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

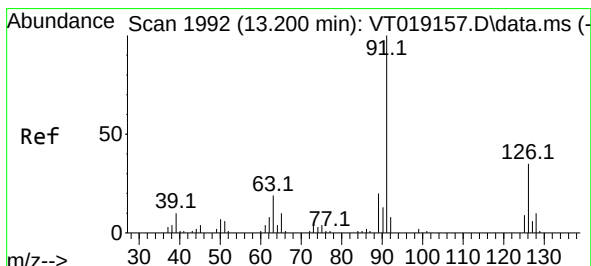
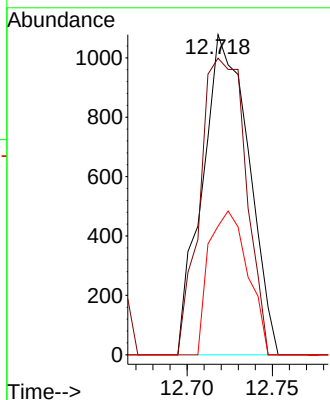
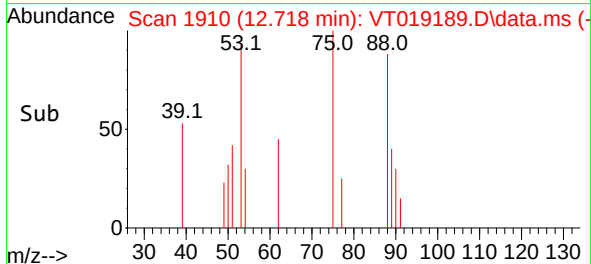
Instrument :
MSVOA_T
ClientSampleId :
MDL07



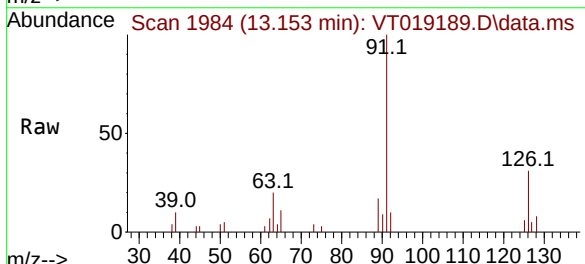
Tgt Ion: 75 Resp: 2038
Ion Ratio Lower Upper
75 100
53 92.7 48.4 145.2
89 40.2 33.8 101.3

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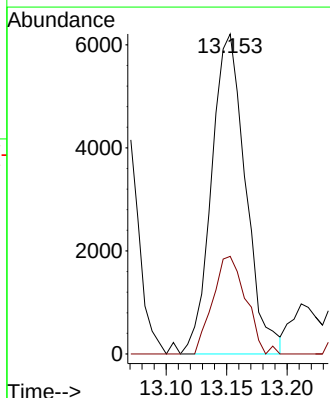
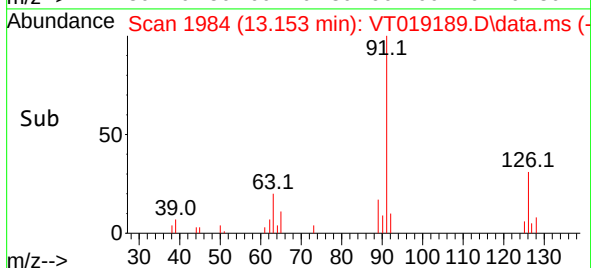
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

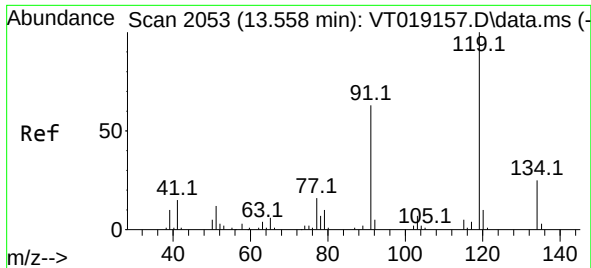


#78
4-Chlorotoluene
Concen: 2.684 ug/l m
RT: 13.153 min Scan# 1984
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 91 Resp: 12141
Ion Ratio Lower Upper
91 100
126 0.4 0.0 57.2





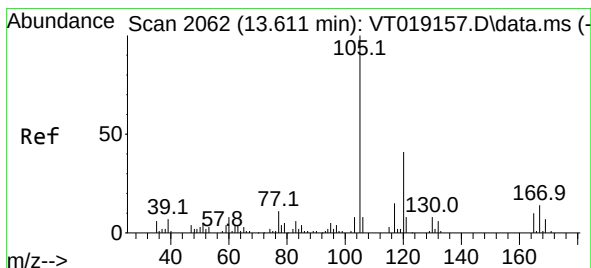
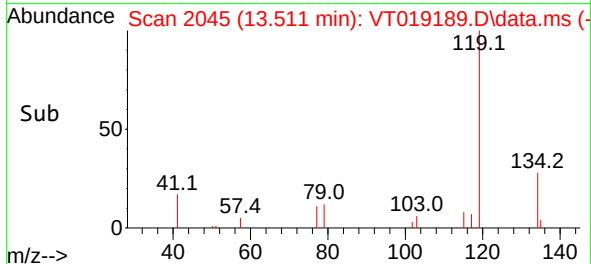
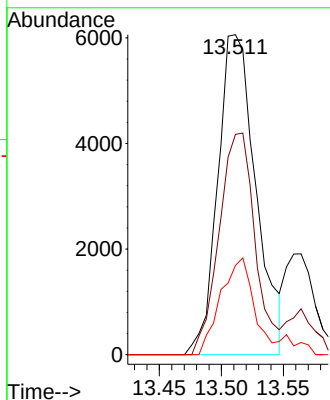
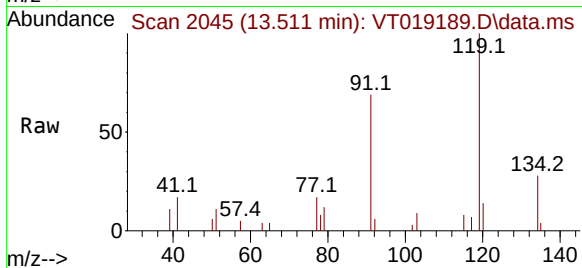
#79
tert-butylbenzene
Concen: 2.867 ug/l m
RT: 13.511 min Scan# 2053
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:119 Resp: 1297
Ion Ratio Lower Upper
119 100
91 9.6 0.0 120.6
134 1.1 0.0 46.0

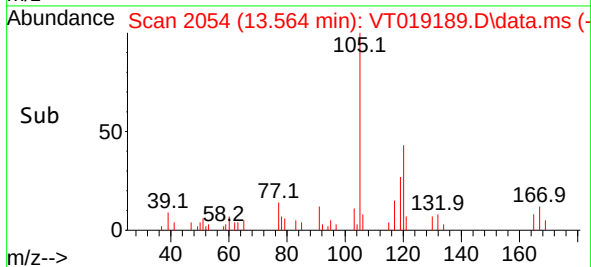
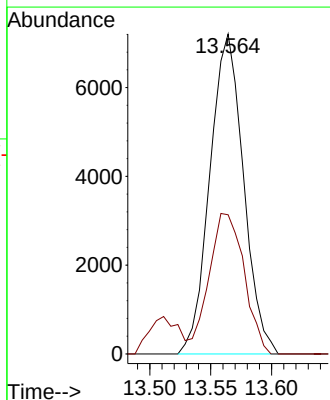
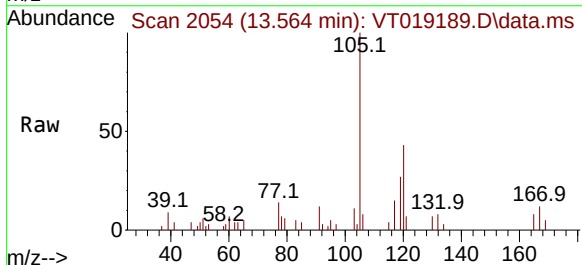
Manual Integrations
APPROVED

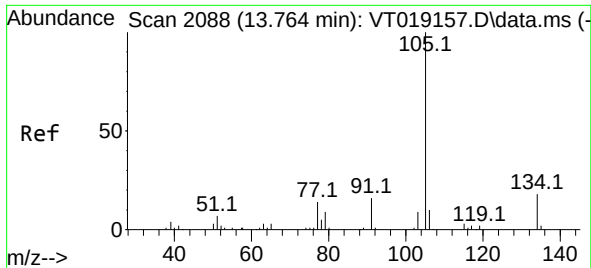
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 2.601 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:105 Resp: 13830
Ion Ratio Lower Upper
105 100
120 46.1 0.0 88.6





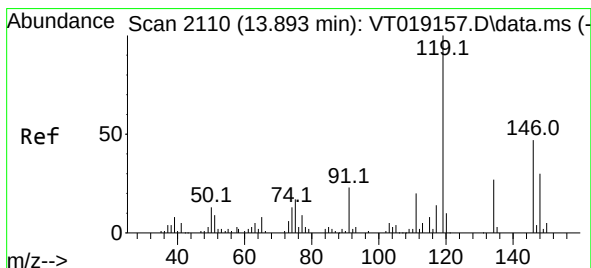
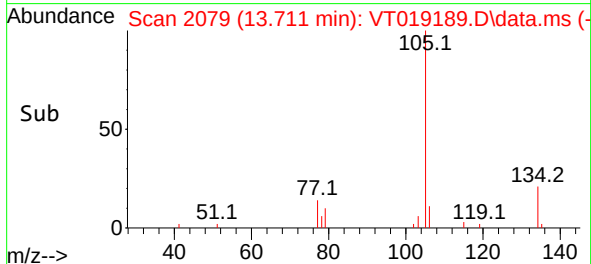
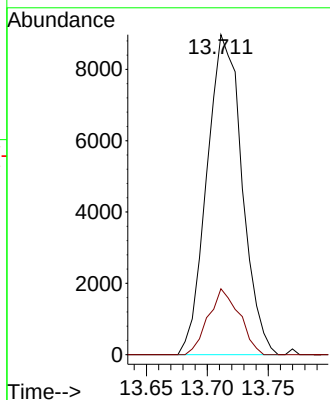
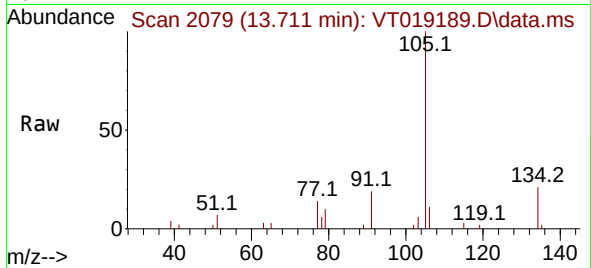
#81
 sec-Butylbenzene
 Concen: 2.764 ug/l
 RT: 13.711 min Scan# 2088
 Delta R.T. -0.053 min
 Lab File: VT019189.D
 Acq: 27 Oct 2025 10:31

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

Tgt Ion:105 Resp: 1802
 Ion Ratio Lower Upper
 105 100
 134 18.2 0.0 39.4

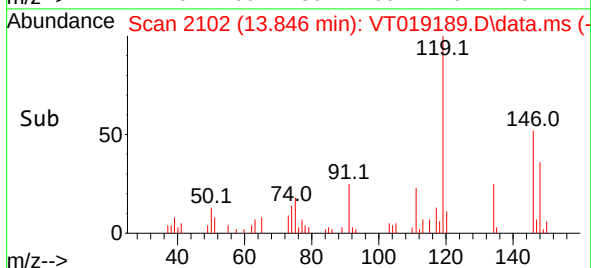
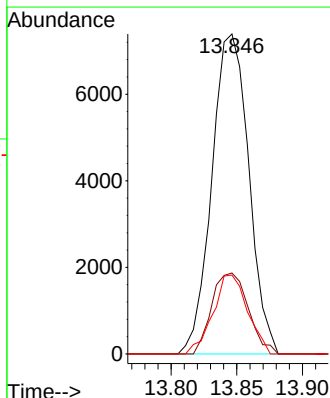
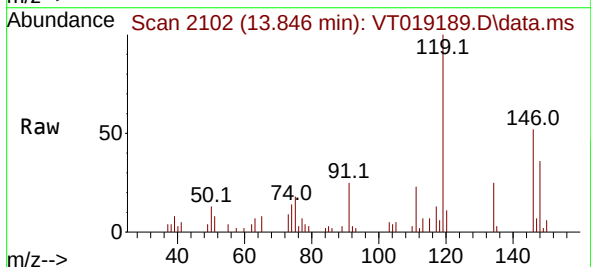
Manual Integrations
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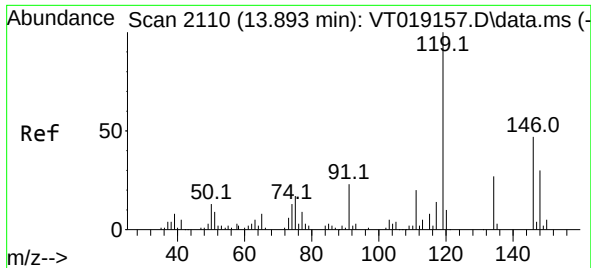
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#82
 p-Isopropyltoluene
 Concen: 2.668 ug/l
 RT: 13.846 min Scan# 2102
 Delta R.T. -0.047 min
 Lab File: VT019189.D
 Acq: 27 Oct 2025 10:31

Tgt Ion:119 Resp: 14474
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.8
 91 23.1 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 2.837 ug/l m

RT: 13.840 min Scan# 2110

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

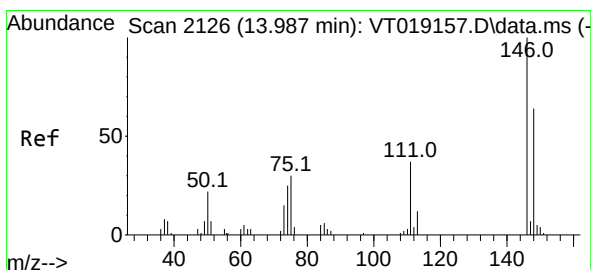
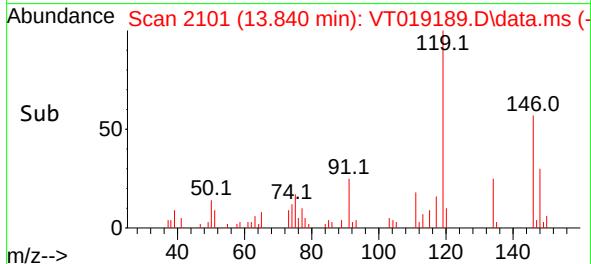
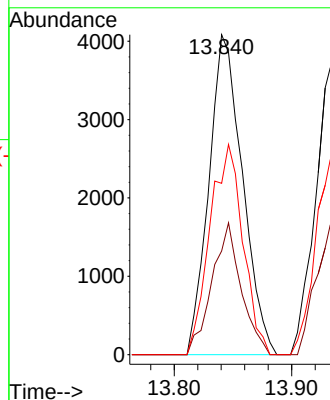
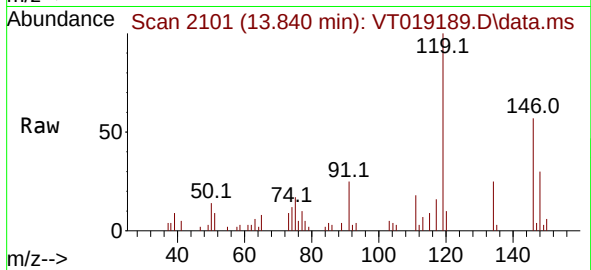
Tgt Ion:146	Resp:	8128
Ion Ratio	Lower	Upper
146	100	
111	39.3	20.7 62.1
148	65.0	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#84

1,4-Dichlorobenzene

Concen: 2.679 ug/l

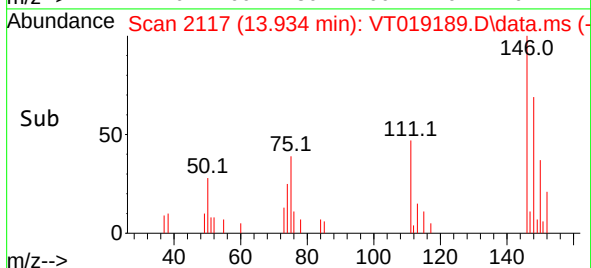
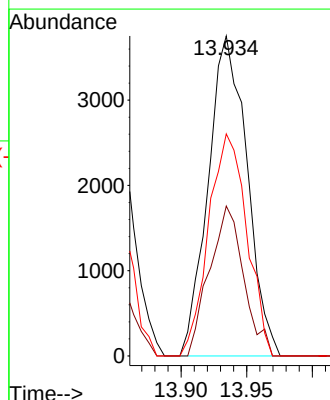
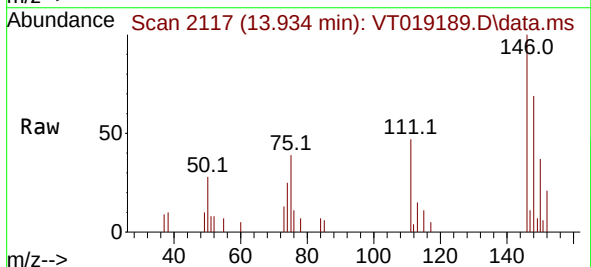
RT: 13.934 min Scan# 2117

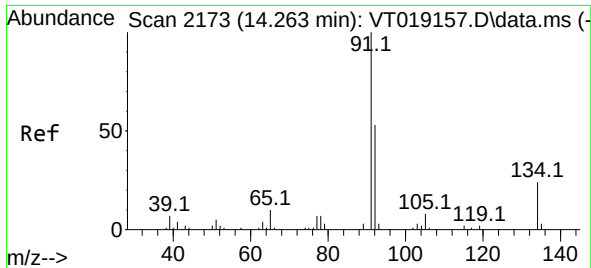
Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Tgt Ion:146	Resp:	7726
Ion Ratio	Lower	Upper
146	100	
111	41.3	20.4 61.3
148	68.4	32.3 96.8





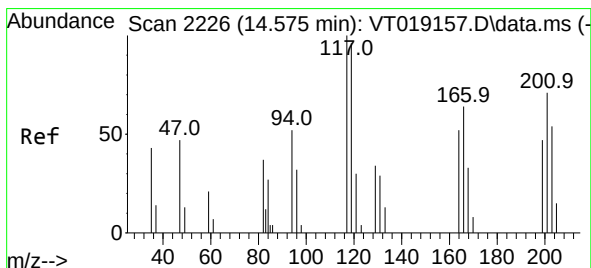
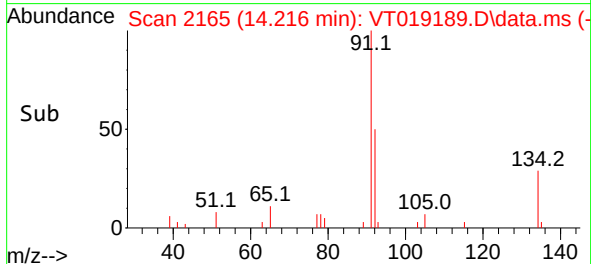
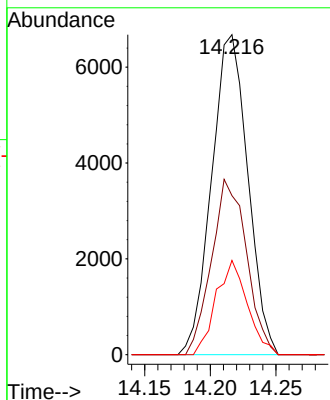
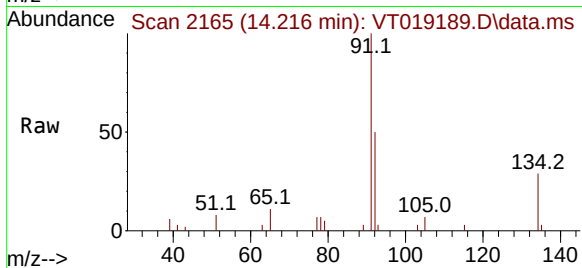
#85
n-Butylbenzene
Concen: 2.579 ug/l
RT: 14.216 min Scan# 2173
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument : MSVOA_T
ClientSampleId : MDL07

Tgt Ion: 91 Resp: 1280
Ion Ratio Lower Upper
91 100
92 52.9 0.0 107.8
134 25.6 0.0 50.0

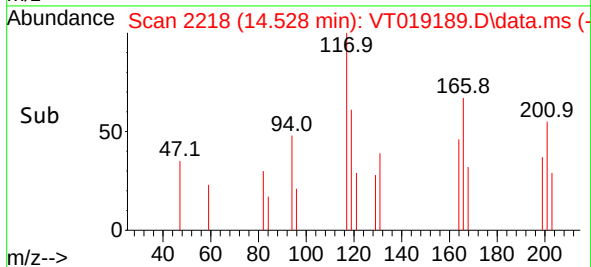
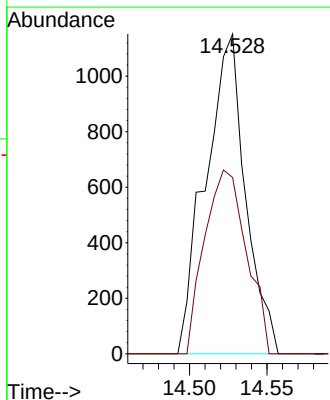
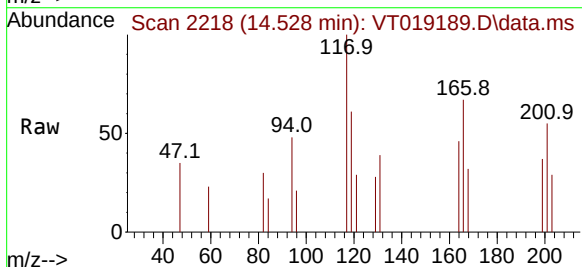
Manual Integrations
APPROVED

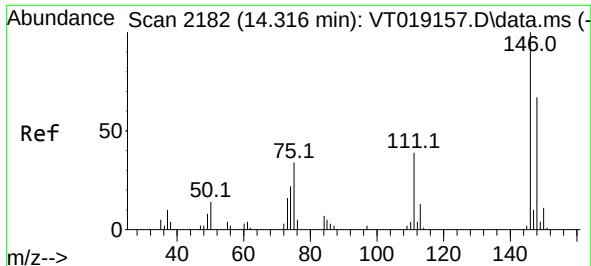
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#86
Hexachloroethane
Concen: 2.833 ug/l
RT: 14.528 min Scan# 2218
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

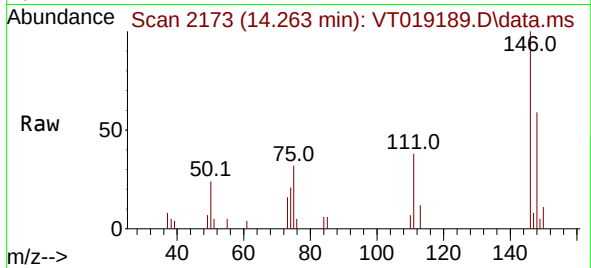
Tgt Ion:117 Resp: 2060
Ion Ratio Lower Upper
117 100
201 60.4 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 2.740 ug/l
RT: 14.263 min Scan# 2182
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

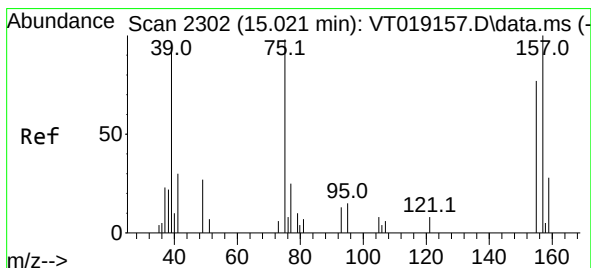
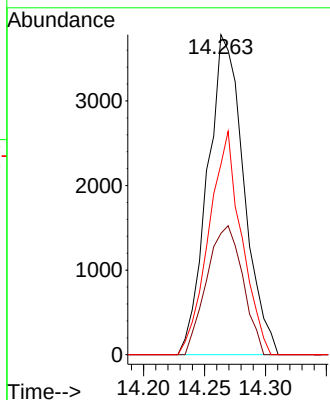
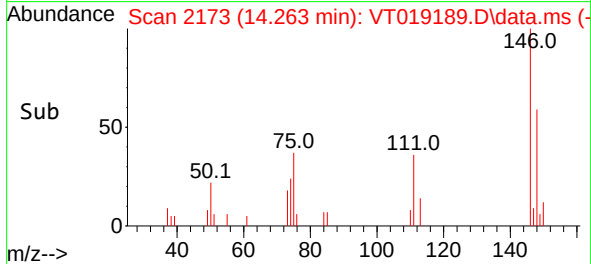
Instrument :
MSVOA_T
ClientSampleId :
MDL07



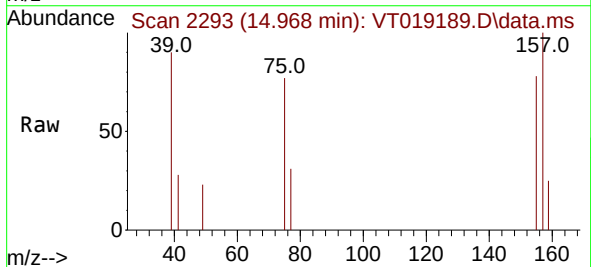
Tgt Ion:146 Resp: 784
Ion Ratio Lower Upper
146 100
111 40.2 21.8 65.3
148 63.1 32.4 97.0

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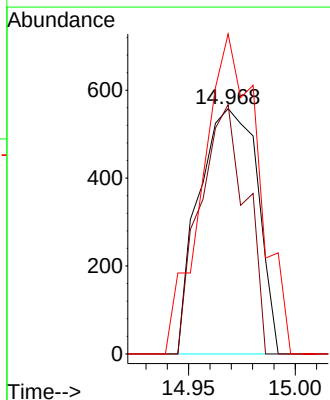
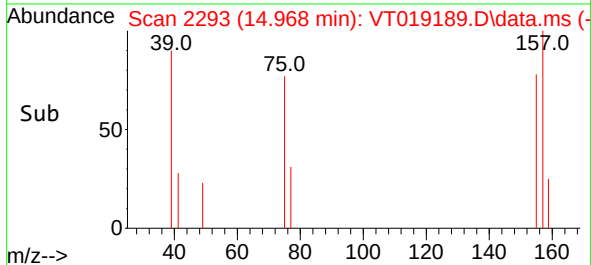
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.983 ug/l
RT: 14.968 min Scan# 2293
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 75 Resp: 1062
Ion Ratio Lower Upper
75 100
155 80.3 65.4 98.2
157 124.3 82.0 123.0#





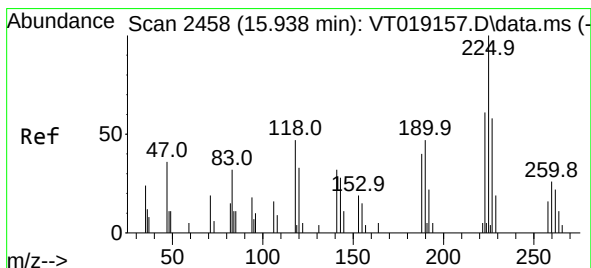
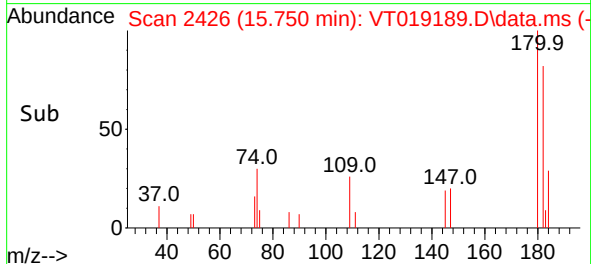
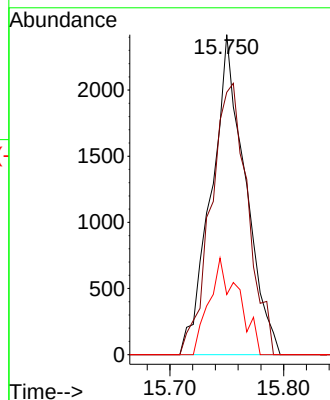
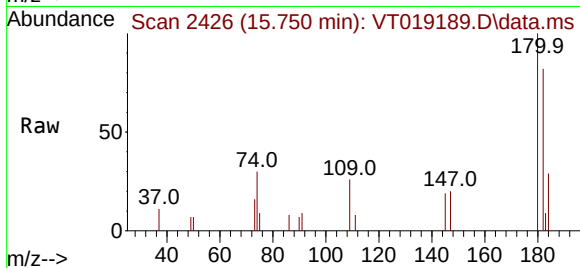
#89
1,2,4-Trichlorobenzene
Concen: 2.872 ug/l
RT: 15.750 min Scan# 2449
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:180 Resp: 5004
Ion Ratio Lower Upper
180 100
182 92.1 78.2 117.2
145 10.5 26.5 39.7

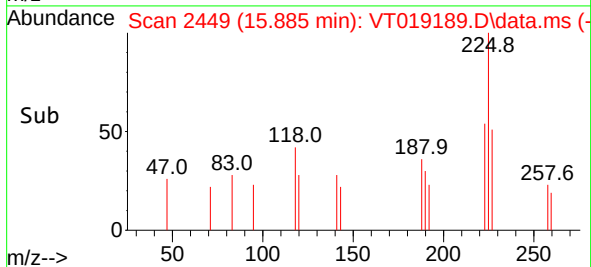
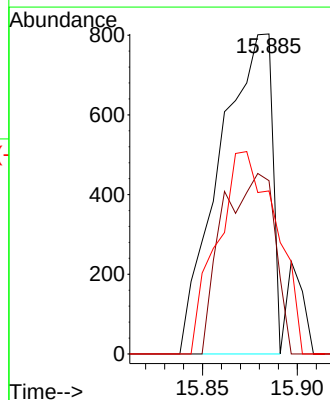
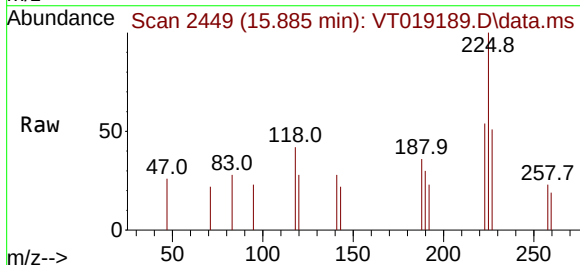
Manual Integrations
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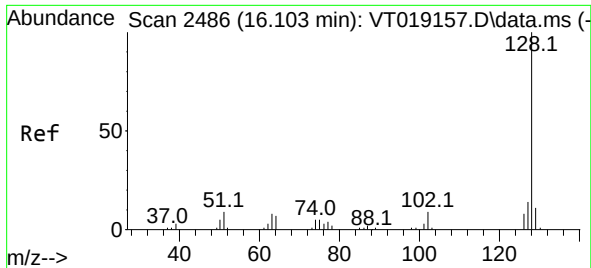
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachlorobutadiene
Concen: 2.671 ug/l
RT: 15.885 min Scan# 2449
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

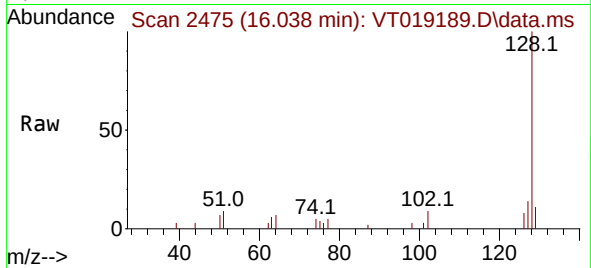
Tgt Ion:225 Resp: 1543
Ion Ratio Lower Upper
225 100
223 33.9 0.0 73.8
227 71.1 0.0 130.6





#91
Naphthalene
Concen: 2.662 ug/l
RT: 16.038 min Scan# 2486
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

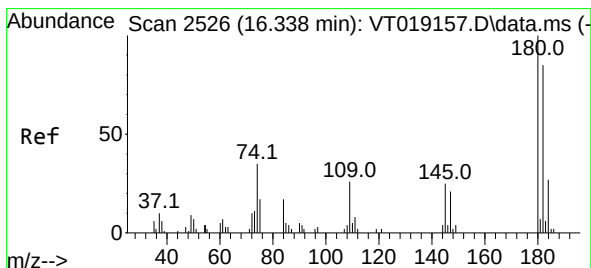
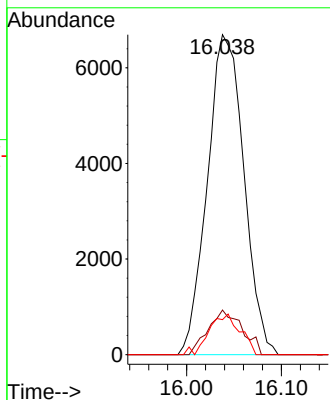
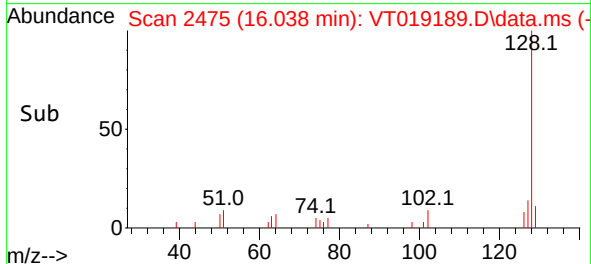
Instrument :
MSVOA_T
ClientSampleId :
MDL07



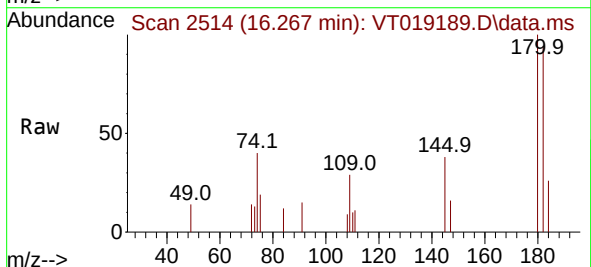
Tgt Ion:128 Resp: 1792
Ion Ratio Lower Upper
128 100
127 9.5 10.3 15.5
129 10.5 9.0 13.4

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



#92
1,2,3-Trichlorobenzene
Concen: 2.716 ug/l
RT: 16.267 min Scan# 2514
Delta R.T. -0.071 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion:180 Resp: 4775
Ion Ratio Lower Upper
180 100
182 99.6 0.0 189.0
145 22.5 0.0 69.2

