

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019190.D
 Acq On : 27 Oct 2025 14:48
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 05:53:30 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	7.031	128	26617m	30.000	ug/l	-0.05
28) 1,4-Difluorobenzene	8.535	114	163997	30.000	ug/l	-0.04
57) Chlorobenzene-d5	11.714	117	136591	30.000	ug/l	-0.04
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.924	65	69548	29.824	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.848	95	63378	29.523	ug/l	-0.04
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.400%		
63) Toluene-d8	10.215	98	198275	29.824	ug/l	-0.04
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	12782	17.498	ug/l	96
3) Chloromethane	2.089	50	25817m	15.397	ug/l	
4) Vinyl Chloride	2.183	62	26405	14.091	ug/l	97
5) Bromomethane	2.524	94	26519	17.040	ug/l	86
6) Chloroethane	2.665	64	22797	13.794	ug/l	93
7) Trichlorofluoromethane	2.965	101	44013	14.483	ug/l	98
8) Diethyl Ether	3.329	74	27449	14.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.652	101	23261	19.495	ug/l	98
10) 1,1-Dichloroethene	3.629	96	23907	20.001	ug/l	91
11) Methyl Iodide	3.834	142	18897	16.224	ug/l #	9
12) Methyl Acetate	4.181	43	85735	18.139	ug/l	100
13) Acrolein	3.505	56	12514	78.502	ug/l	99
14) Acrylonitrile	4.798	53	120510m	82.719	ug/l	
15) Acetone	3.705	58	44148	85.054	ug/l	93
16) Carbon Disulfide	3.923	76	33691	15.092	ug/l	99
17) Allyl chloride	4.175	41	50135	17.645	ug/l	94
18) Methylene Chloride	4.387	84	30306	17.000	ug/l	98
19) trans-1,2-Dichloroethene	6.637	96	31588m	17.177	ug/l	
20) Diisopropyl ether	5.756	45	122894m	16.991	ug/l	
21) 1,1-Dichloroethane	5.650	63	55660	16.469	ug/l	97
22) cis-1,2-Dichloroethene	6.637	96	31129	16.927	ug/l	94
23) tert-Butyl Alcohol	4.622	59	53022	83.072	ug/l #	100
24) Methyl tert-Butyl Ether	4.863	73	120925	16.837	ug/l	97
25) Chloroform	7.213	83	53282m	17.235	ug/l	
26) Cyclohexane	7.518	56	31653m	15.960	ug/l	
29) 1,1-Dichloropropene	7.671	75	29097	16.956	ug/l	96
30) 2-Butanone	6.649	43	172898	81.740	ug/l	99
31) 2,2-Dichloropropane	6.637	77	44175m	17.582	ug/l	
32) 1,1,1-Trichloroethane	7.424	97	38102m	17.623	ug/l	
33) Carbon Tetrachloride	7.654	117	25222m	18.208	ug/l	
34) Benzene	7.936	78	108131	17.008	ug/l #	80
35) Methacrylonitrile	7.001	41	32879	18.262	ug/l	93
36) 1,2-Dichloroethane	8.024	62	40958	17.378	ug/l	99
37) Trichloroethene	8.805	130	20405	17.446	ug/l	98
38) Methylcyclohexane	9.075	83	29614	17.137	ug/l	96
39) 1,2-Dichloropropane	9.122	63	28852	17.327	ug/l	94
40) Dibromomethane	9.216	93	17551	17.095	ug/l #	73
41) Bromodichloromethane	10.750	83	23293m	17.662	ug/l	
42) Vinyl Acetate	5.697	43	437079	84.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.749	43	62616	18.008	ug/l #	84
44) Isopropyl Acetate	8.077	43	94180	17.210	ug/l	98
45) 1,4-Dioxane	9.216	88	18044	380.072	ug/l #	78
46) Methyl methacrylate	9.216	41	42138	17.221	ug/l	84
47) n-amyl Acetate	12.460	43	63306	17.191	ug/l	100
48) t-1,3-Dichloropropene	10.544	75	42950	17.949	ug/l	98
49) cis-1,3-Dichloropropene	9.927	75	44121	17.552	ug/l	98
50) 1,1,2-Trichloroethane	10.750	97	26573m	17.597	ug/l	
51) Ethyl methacrylate	10.597	69	50835	17.963	ug/l	95
52) 1,3-Dichloropropane	10.915	76	46994	17.424	ug/l	100
53) Dibromochloromethane	11.138	129	26199	18.599	ug/l #	1
54) 1,2-Dibromoethane	11.255	107	24371	17.352	ug/l	99
55) 2-Chloroethyl vinyl ether	9.769	63	68324	82.778	ug/l	98
56) Bromoform	12.536	173	17856	19.282	ug/l #	18
58) 4-Methyl-2-Pentanone	10.092	43	279402	83.527	ug/l	99
59) 2-Hexanone	10.092	43	279402	83.527	ug/l #	82
61) Tetrachloroethene	10.826	164	15338	17.765	ug/l	97
62) Toluene	10.286	91	106515	17.410	ug/l	99
64) Chlorobenzene	11.743	112	64582	17.282	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.825	131	21884	17.978	ug/l	92
66) Ethyl Benzene	11.831	91	115209	17.327	ug/l	97
67) m/p-Xylenes	11.954	106	85862	34.738	ug/l	96
68) o-Xylene	12.331	106	43675	17.119	ug/l	94
69) Styrene	12.342	104	77917	17.011	ug/l	96
70) Isopropylbenzene	12.671	105	108853	17.395	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.959	83	43545	17.735	ug/l	98
72) 1,2,3-Trichloropropane	13.018	75	41339m	22.809	ug/l	
73) Bromobenzene	12.989	156	25723	17.480	ug/l	62
74) n-propylbenzene	13.059	91	132267	17.528	ug/l	99
75) 2-Chlorotoluene	13.271	91	81908	17.731	ug/l	98
76) 1,3,5-Trimethylbenzene	13.218	105	92250	17.968	ug/l	98
77) t-1,4-Dichloro-2-butene	12.730	75	16610	18.861	ug/l	85
78) 4-Chlorotoluene	13.153	91	80784	17.728	ug/l	96
79) tert-butylbenzene	13.517	119	81179m	17.804	ug/l	
80) 1,2,4-Trimethylbenzene	13.570	105	93593	17.473	ug/l	98
81) sec-Butylbenzene	13.723	105	114689	17.456	ug/l	99
82) p-Isopropyltoluene	13.852	119	95976	17.559	ug/l	97
83) 1,3-Dichlorobenzene	13.852	146	52235	18.100	ug/l	98
84) 1,4-Dichlorobenzene	13.940	146	51250	17.638	ug/l	99
85) n-Butylbenzene	14.222	91	86543	17.300	ug/l	98
86) Hexachloroethane	14.528	117	15068	20.571	ug/l #	1
87) 1,2-Dichlorobenzene	14.275	146	52053	18.055	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.975	75	9715	18.009	ug/l	98
89) 1,2,4-Trichlorobenzene	15.756	180	31012	17.670	ug/l	96
90) Hexachlorobutadiene	15.879	225	10523	18.083	ug/l	82
91) Naphthalene	16.050	128	114401	16.864	ug/l	98
92) 1,2,3-Trichlorobenzene	16.285	180	31431	17.742	ug/l	97

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

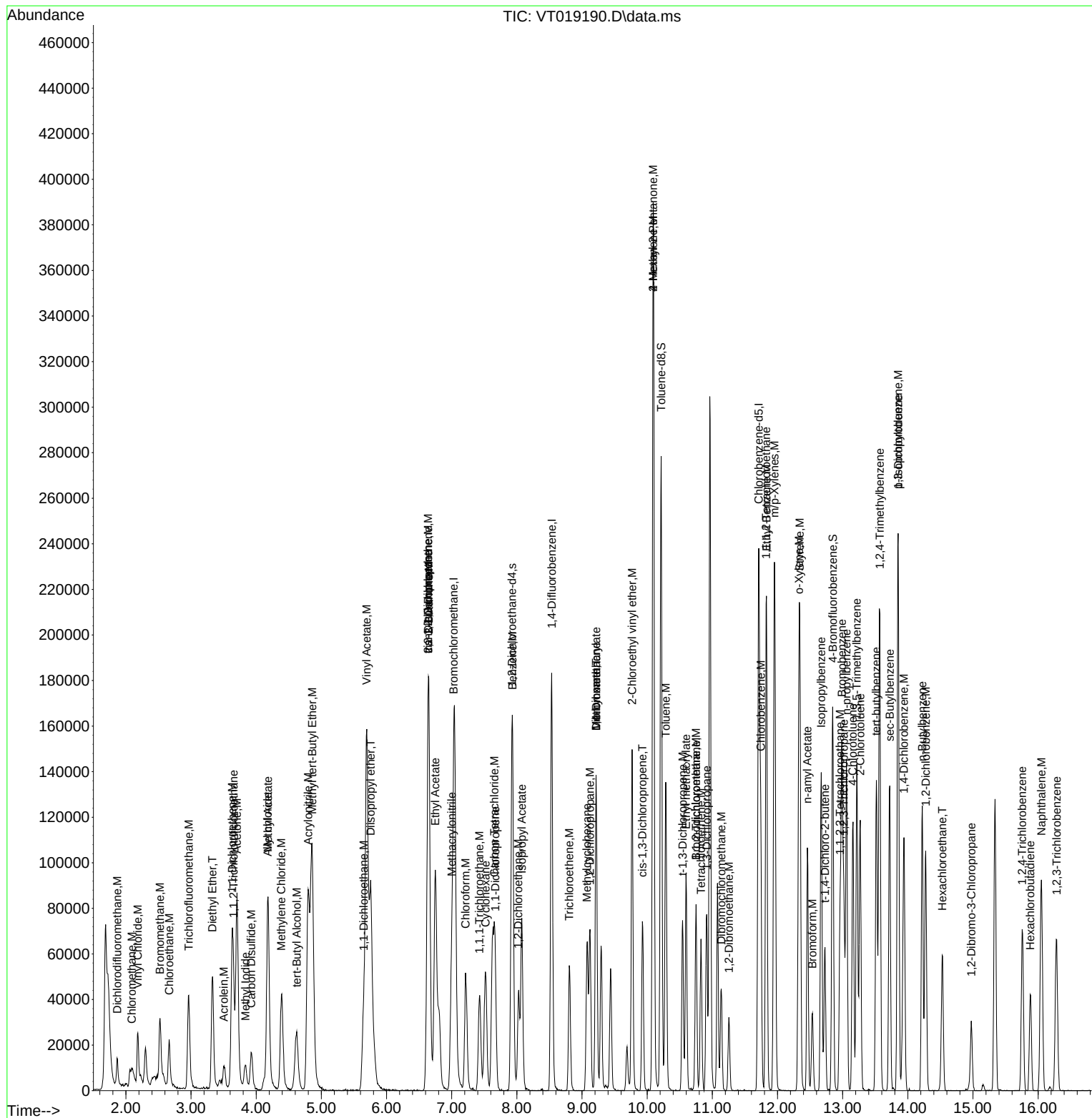
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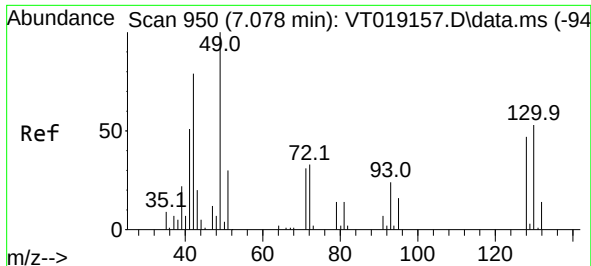
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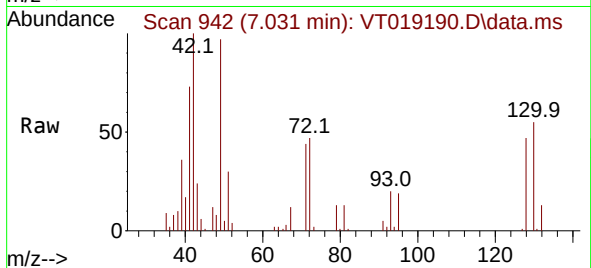
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.031 min Scan# 94
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

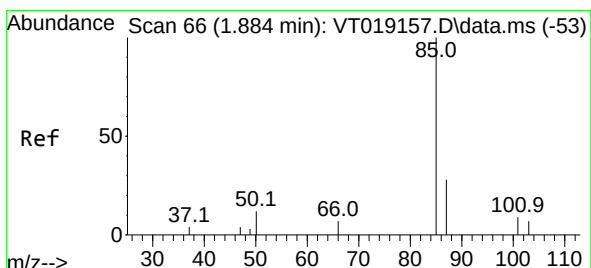
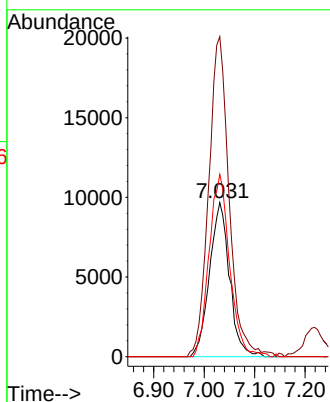
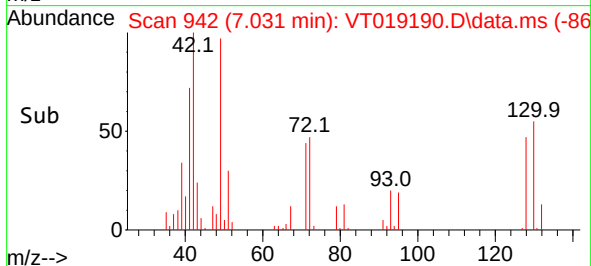
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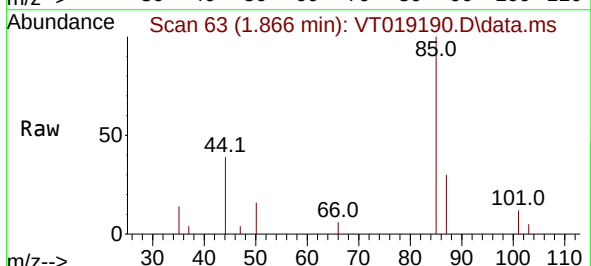
Tgt Ion:128 Resp: 2661
Ion Ratio Lower Upper
128 100
49 1.5 0.0 0.0
130 0.0 0.0 0.0

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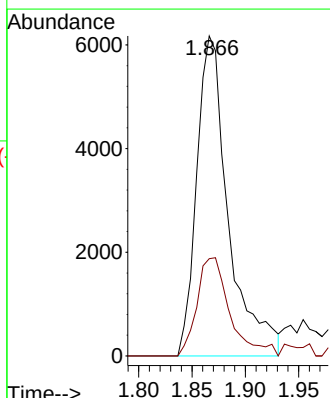
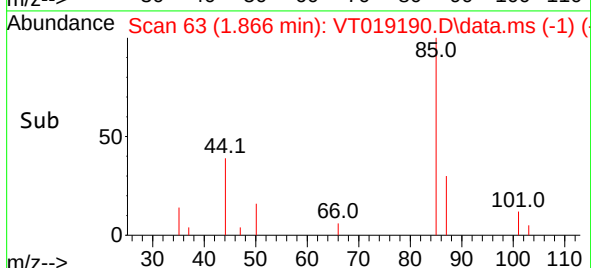
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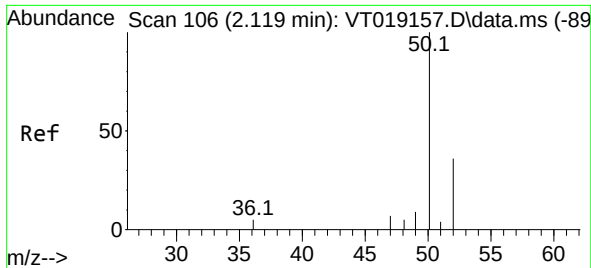


#2
Dichlorodifluoromethane
Concen: 17.498 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



Tgt Ion: 85 Resp: 12782
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.1





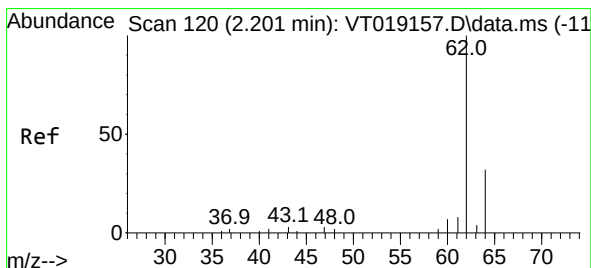
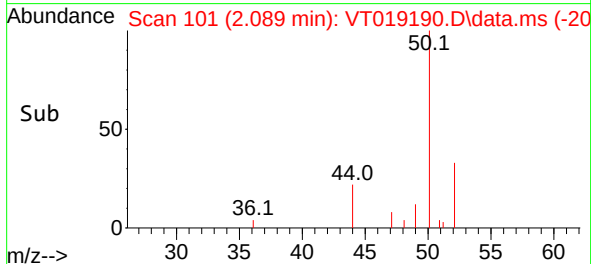
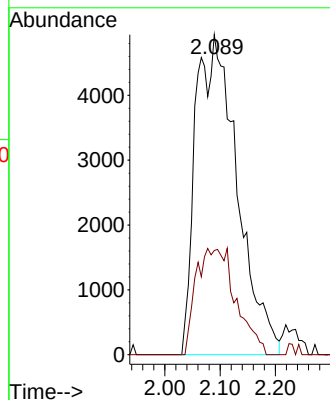
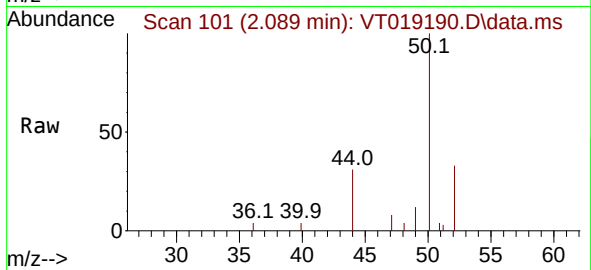
#3
Chloromethane
Concen: 15.397 ug/l m
RT: 2.089 min Scan# 106
Delta R.T. -0.024 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

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Tgt Ion: 50 Resp: 2581
Ion Ratio Lower Upper
50 100
52 32.6 24.4 36.6

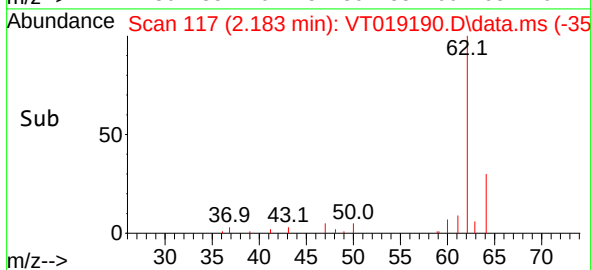
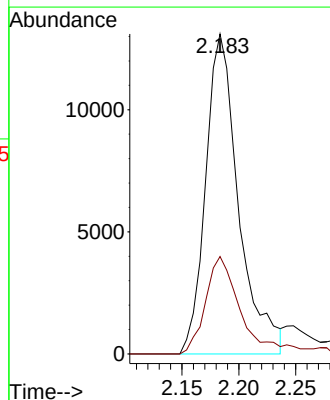
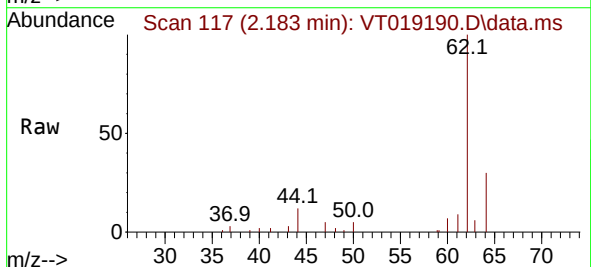
Manual Integrations
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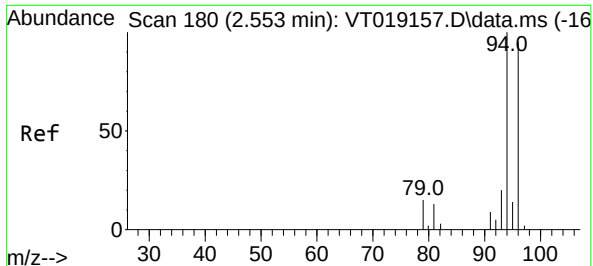
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 14.091 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

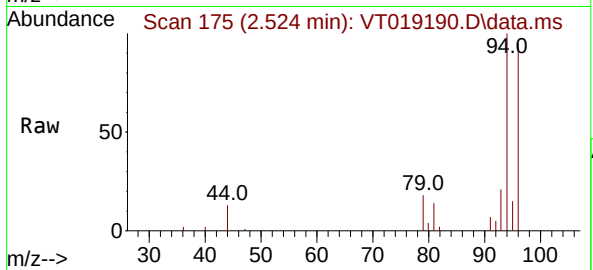
Tgt Ion: 62 Resp: 26405
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5





#5
Bromomethane
Concen: 17.040 ug/l
RT: 2.524 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

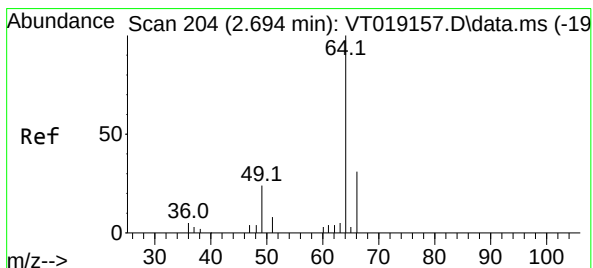
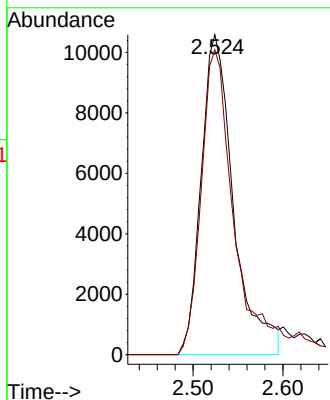
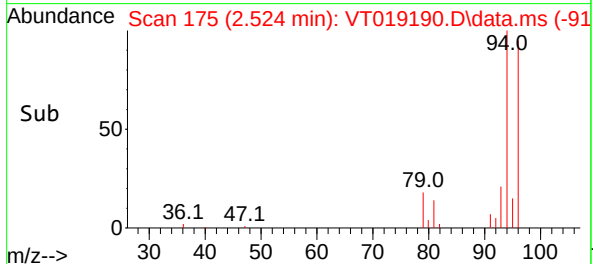
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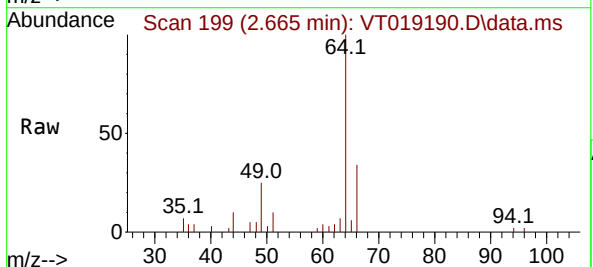
Tgt Ion: 94 Resp: 26519
Ion Ratio Lower Upper
94 100
96 95.3 66.0 99.0

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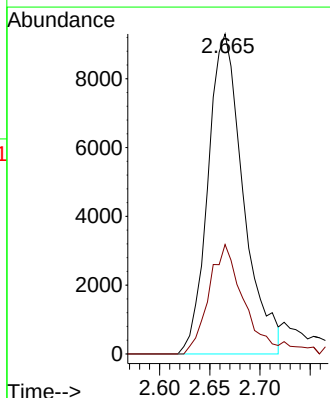
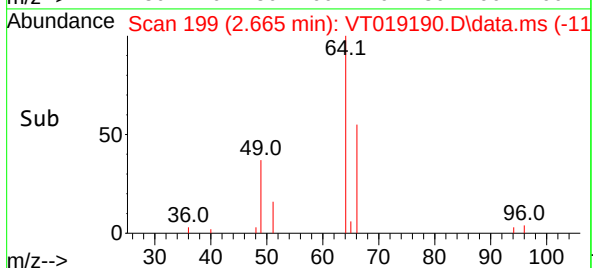
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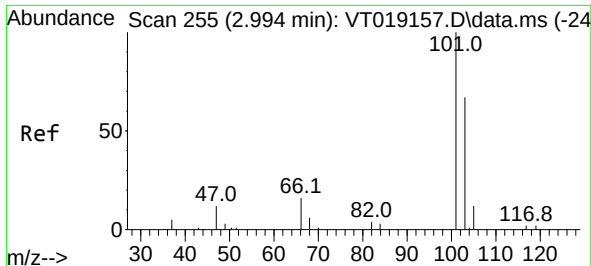


#6
Chloroethane
Concen: 13.794 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



Tgt Ion: 64 Resp: 22797
Ion Ratio Lower Upper
64 100
66 34.2 24.3 36.5





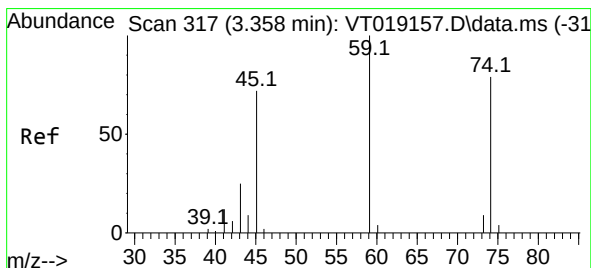
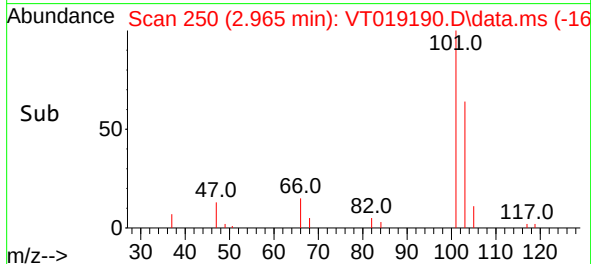
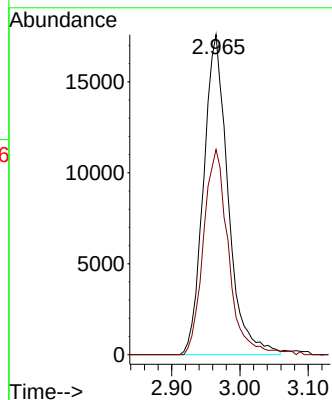
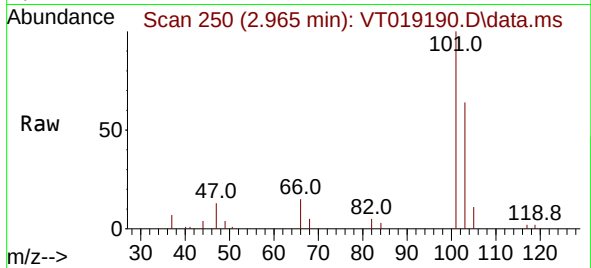
#7
Trichlorofluoromethane
Concen: 14.483 ug/l
RT: 2.965 min Scan# 210
Delta R.T. -0.017 min
Lab File: VT019190.D
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Tgt Ion:101 Resp: 4401
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

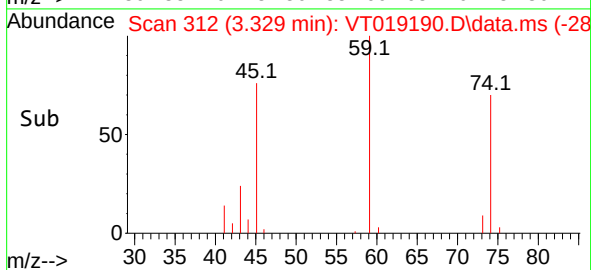
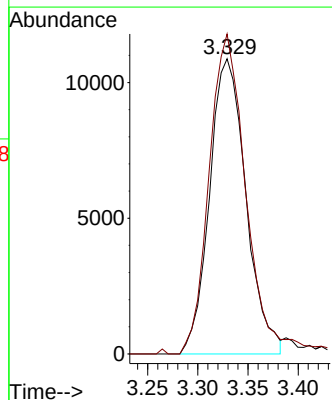
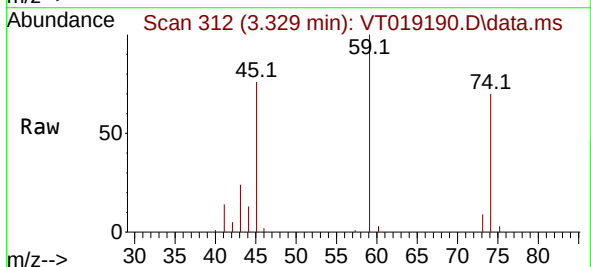
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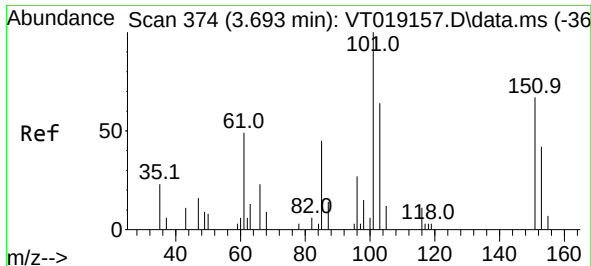
Reviewed By :Amit Patel 10/30/2025
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#8
Diethyl Ether
Concen: 14.670 ug/l
RT: 3.329 min Scan# 312
Delta R.T. -0.029 min
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Tgt Ion: 74 Resp: 27449
Ion Ratio Lower Upper
74 100
45 107.4 22.0 197.6





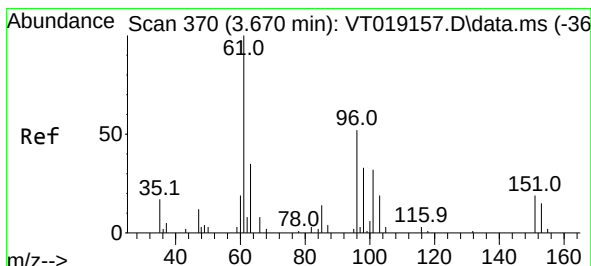
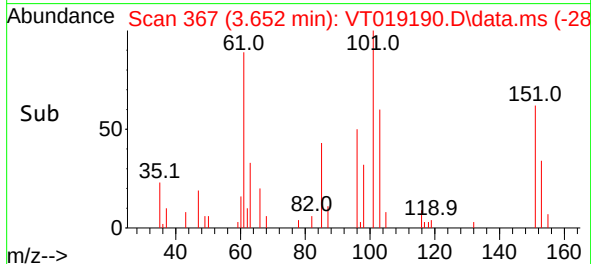
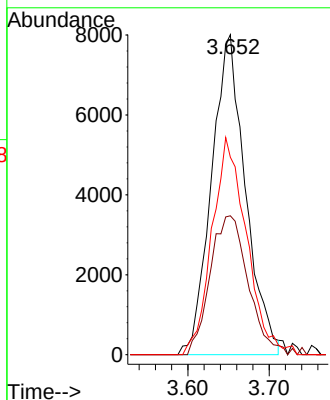
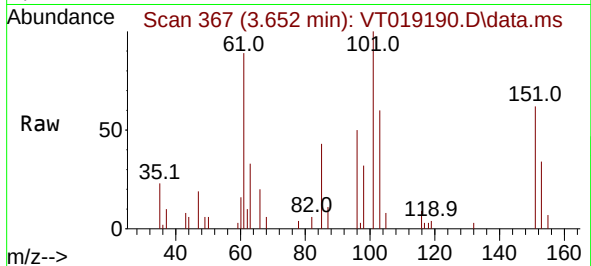
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.495 ug/l
RT: 3.652 min Scan# 30
Delta R.T. -0.030 min
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Tgt Ion:101 Resp: 2326
Ion Ratio Lower Upper
101 100
85 48.6 0.0 91.8
151 68.5 0.0 137.2

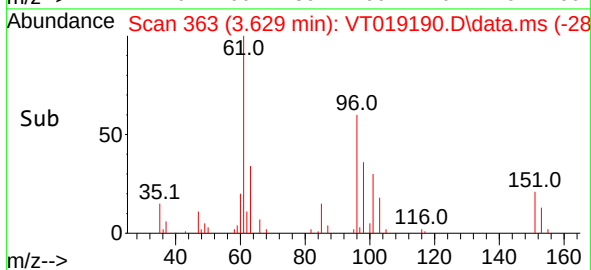
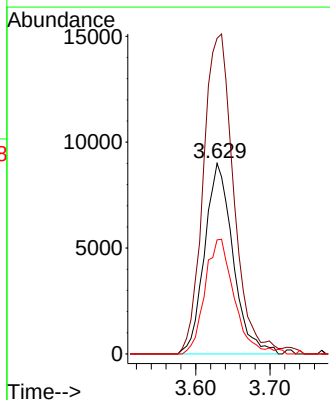
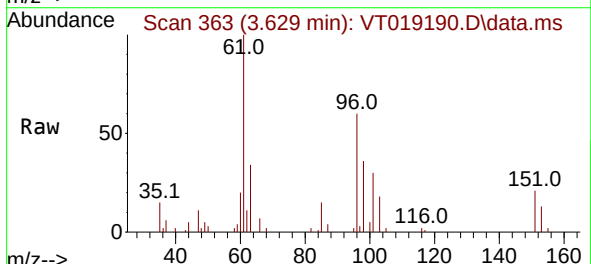
Manual Integrations
APPROVED

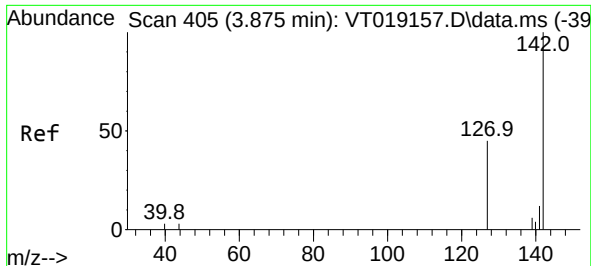
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
1,1-Dichloroethene
Concen: 20.001 ug/l
RT: 3.629 min Scan# 363
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

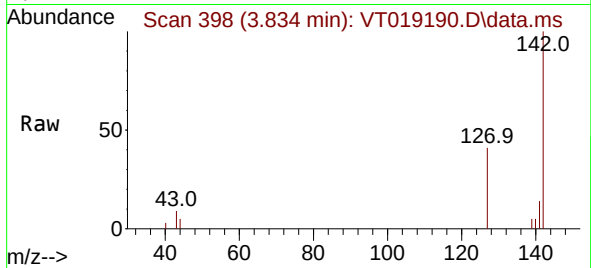
Tgt Ion: 96 Resp: 23907
Ion Ratio Lower Upper
96 100
61 165.6 145.5 218.3
98 59.8 49.5 74.3





#11
Methyl Iodide
Concen: 16.224 ug/l
RT: 3.834 min Scan# 398
Delta R.T. -0.036 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

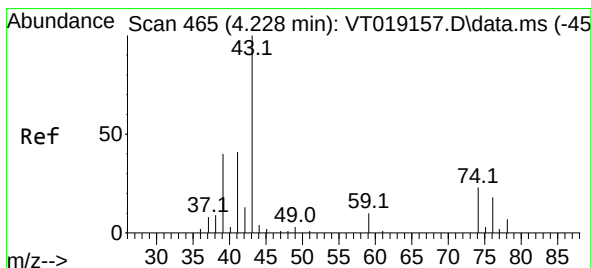
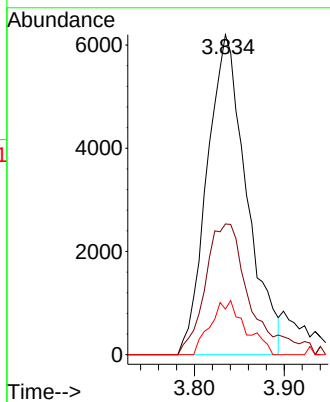
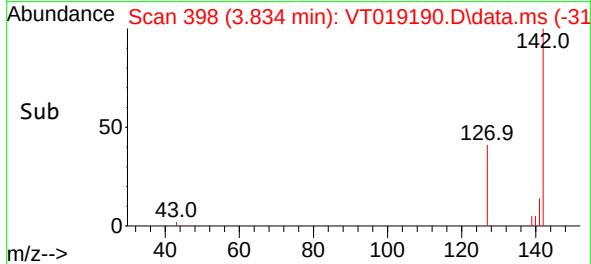
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



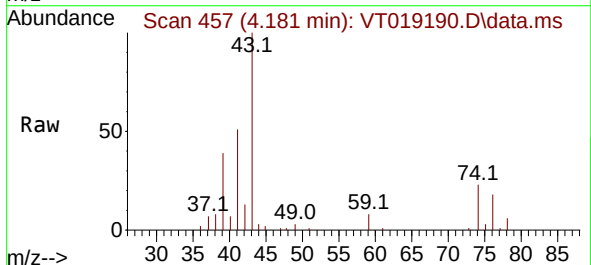
Tgt Ion:142 Resp: 1889
Ion Ratio Lower Upper
142 100
127 40.1 0.9 2.8
141 15.1 55.5 166.5

Manual Integrations
APPROVED

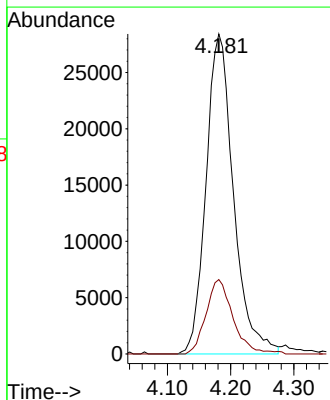
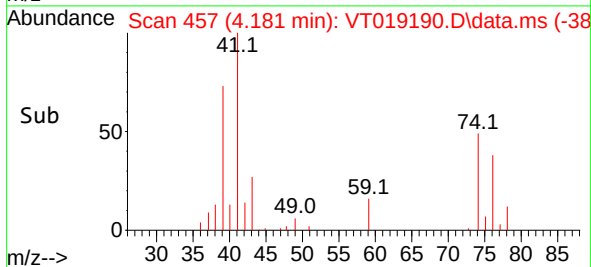
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

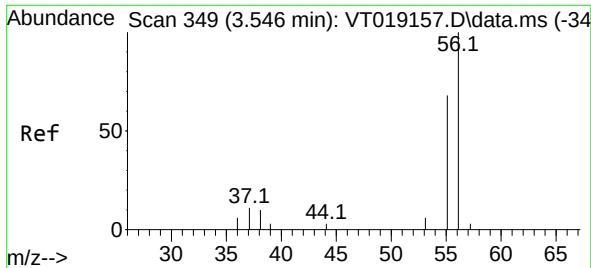


#12
Methyl Acetate
Concen: 18.139 ug/l
RT: 4.181 min Scan# 457
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



Tgt Ion: 43 Resp: 85735
Ion Ratio Lower Upper
43 100
74 23.1 18.4 27.6





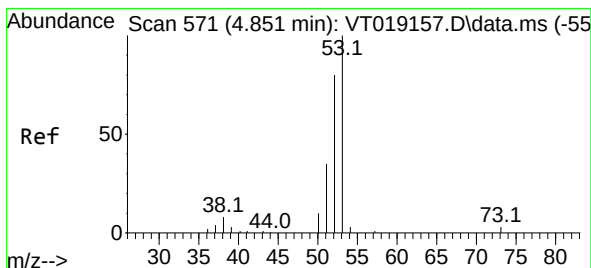
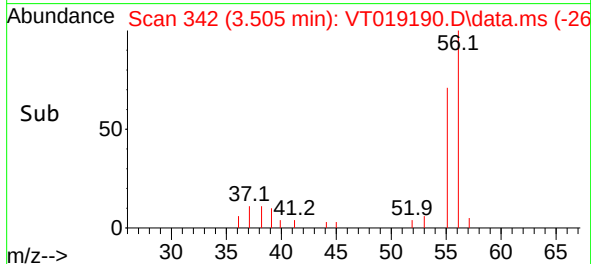
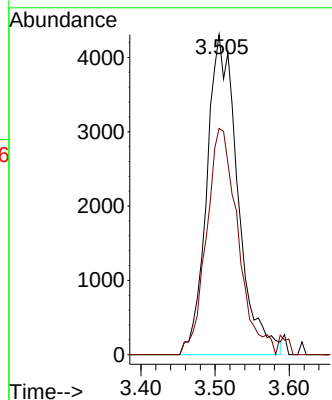
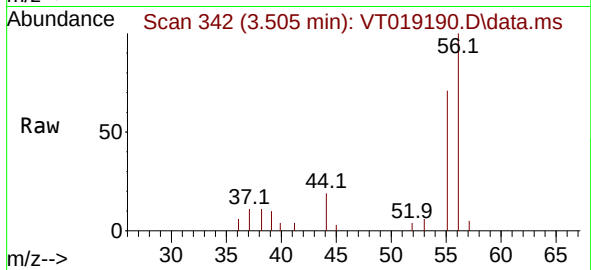
#13
Acrolein
Concen: 78.502 ug/l
RT: 3.505 min Scan# 34
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 12514
Ion Ratio Lower Upper
56 100
55 70.4 56.8 85.2

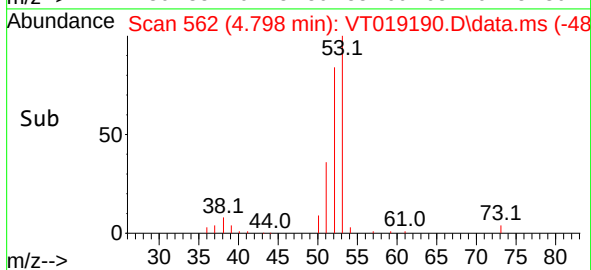
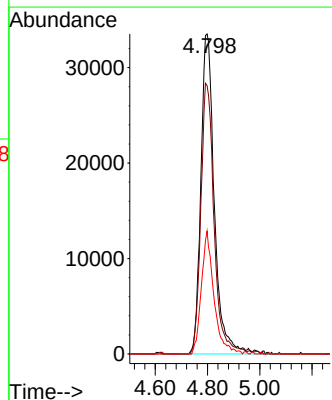
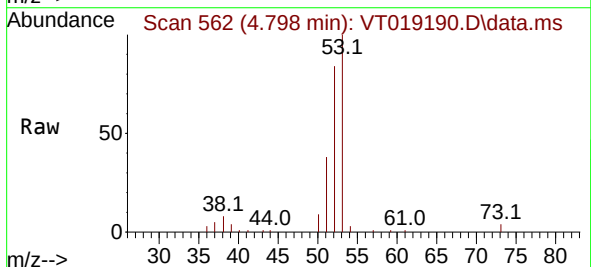
Manual Integrations
APPROVED

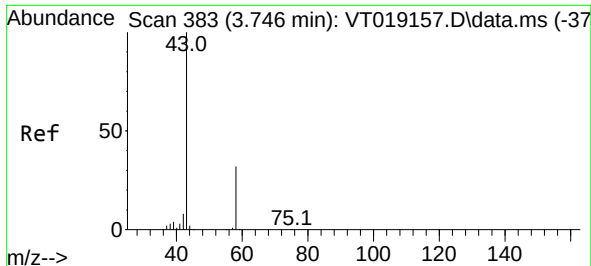
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Acrylonitrile
Concen: 82.719 ug/l m
RT: 4.798 min Scan# 562
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 53 Resp: 120510
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.7#
51 0.3 17.2 51.5#





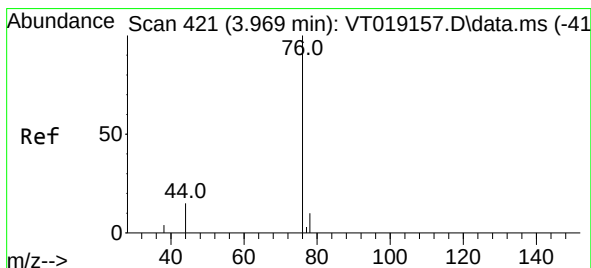
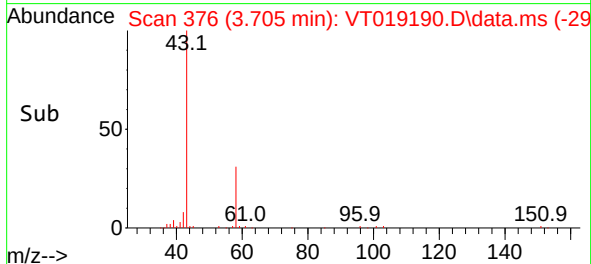
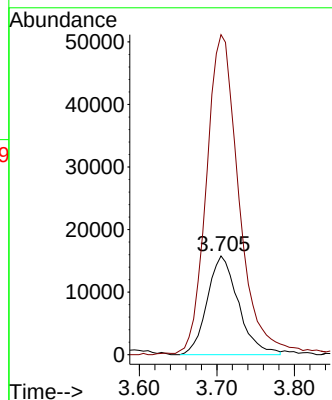
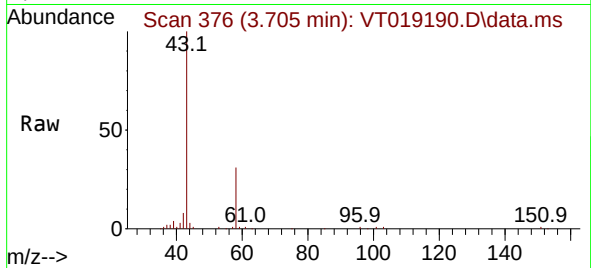
#15
Acetone
Concen: 85.054 ug/l
RT: 3.705 min Scan# 31
Delta R.T. -0.035 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 44148
Ion Ratio Lower Upper
58 100
43 319.8 266.9 400.3

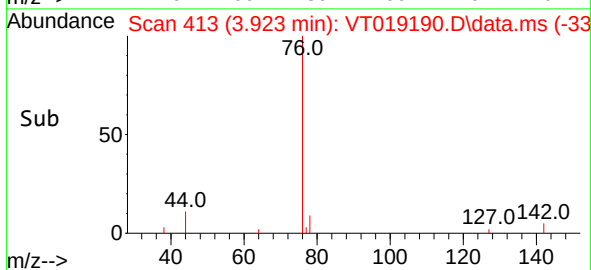
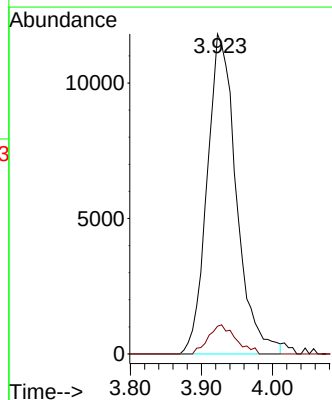
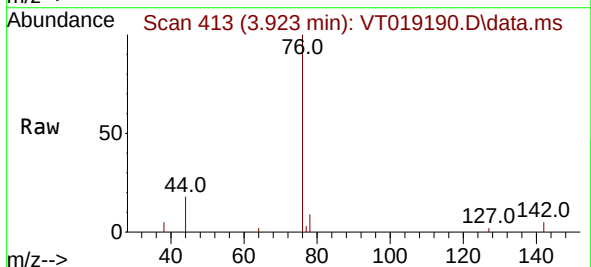
Manual Integrations
APPROVED

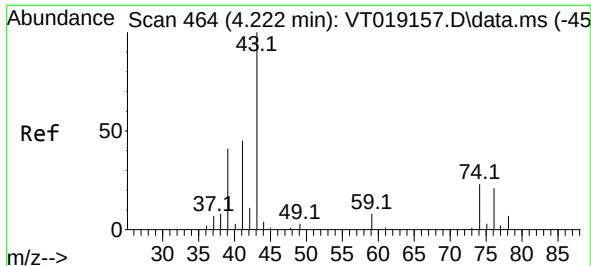
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Carbon Disulfide
Concen: 15.092 ug/l
RT: 3.923 min Scan# 413
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 76 Resp: 33691
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7





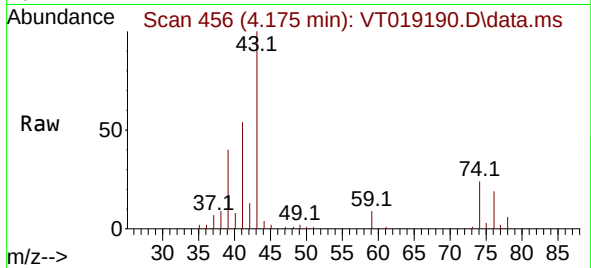
#17
 Allyl chloride
 Concen: 17.645 ug/l
 RT: 4.175 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC



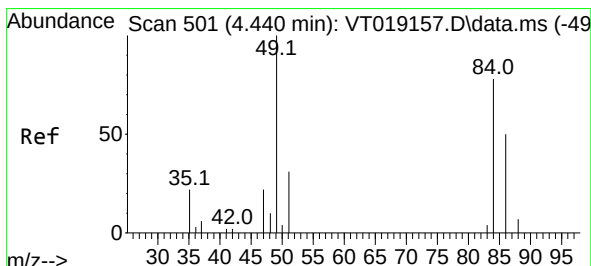
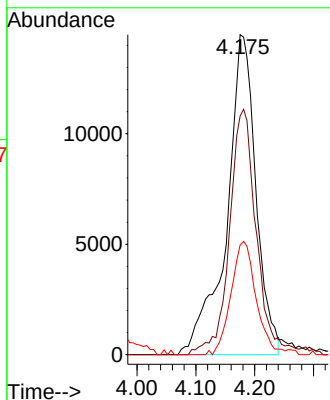
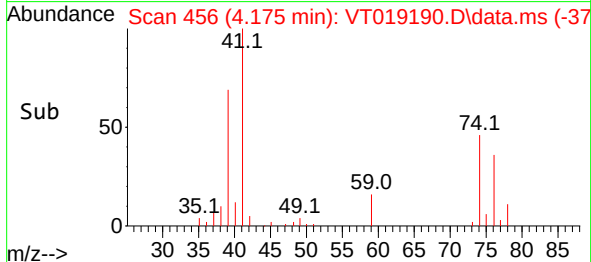
Tgt Ion: 41 Resp: 5013
 Ion Ratio Lower Upper
 41 100
 39 74.6 34.3 102.8
 76 34.2 16.7 50.0

Manual Integrations

APPROVED

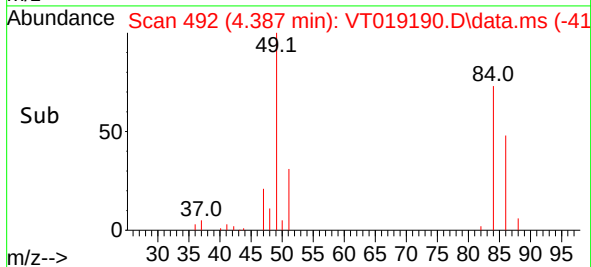
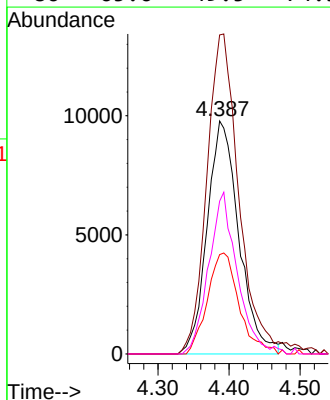
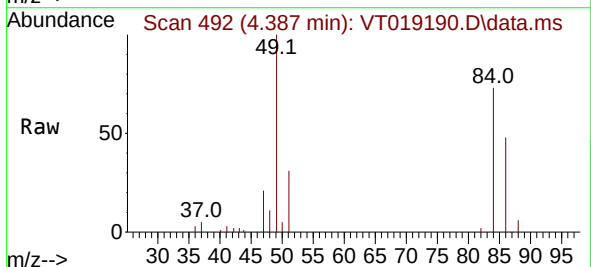
Reviewed By :Amit Patel 10/30/2025

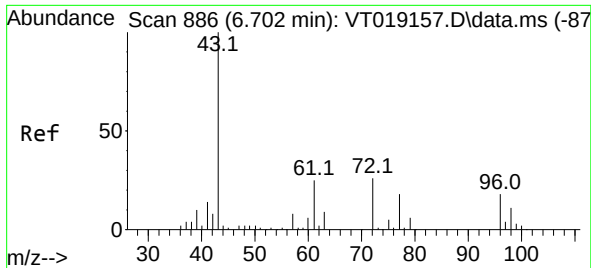
Supervised By :Mahesh Dadoda 10/30/2025



#18
 Methylene Chloride
 Concen: 17.000 ug/l
 RT: 4.387 min Scan# 492
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

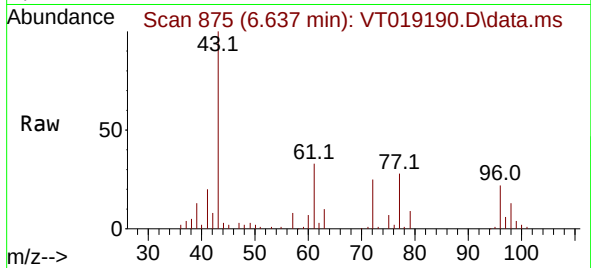
Tgt Ion: 84 Resp: 30306
 Ion Ratio Lower Upper
 84 100
 49 136.9 107.9 161.9
 51 42.6 33.4 50.2
 86 65.6 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 17.177 ug/l m
RT: 6.637 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

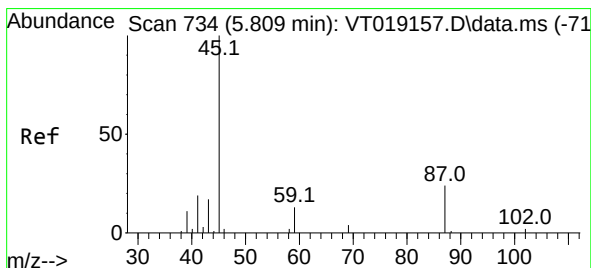
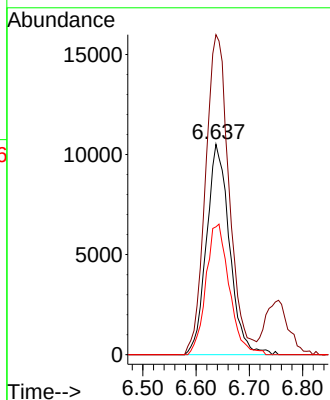
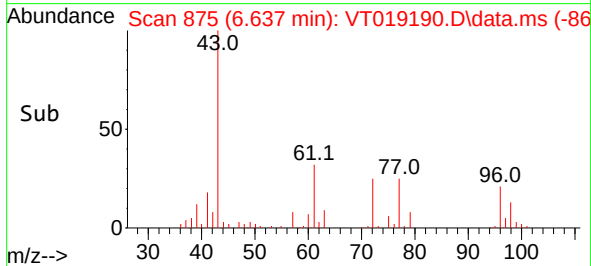
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 31588
Ion Ratio Lower Upper
96 100
61 152.1 122.3 183.5
98 60.7 50.2 75.2

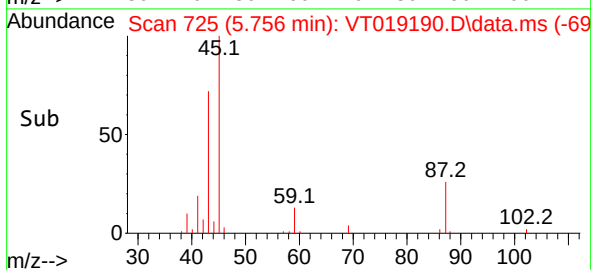
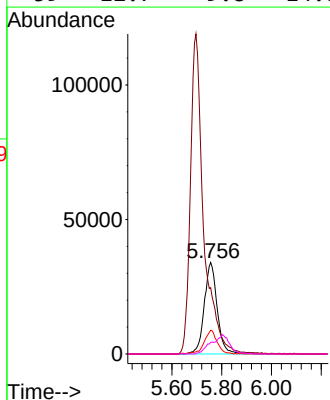
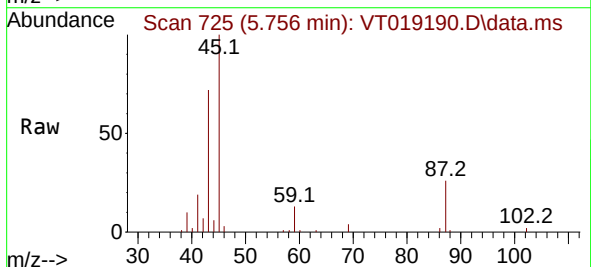
Manual Integrations
APPROVED

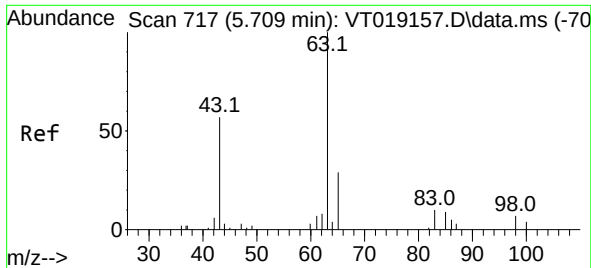
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Diisopropyl ether
Concen: 16.991 ug/l m
RT: 5.756 min Scan# 725
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 45 Resp: 122894
Ion Ratio Lower Upper
45 100
43 72.4 89.1 133.7#
87 25.8 21.3 31.9
59 12.7 9.8 14.8





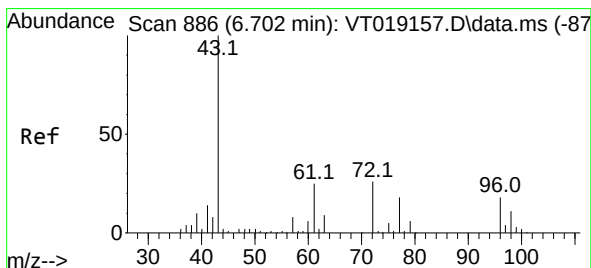
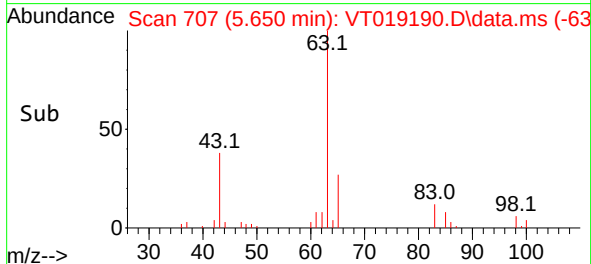
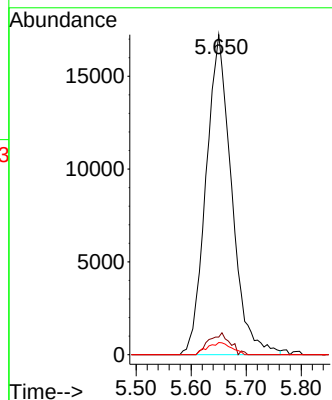
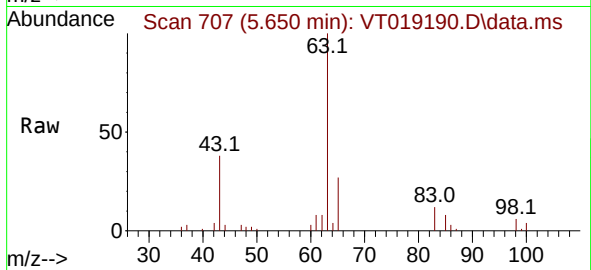
#21
1,1-Dichloroethane
Concen: 16.469 ug/l
RT: 5.650 min Scan# 707
Delta R.T. -0.059 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5566
Ion Ratio Lower Upper
63 100
98 5.5 3.5 10.5
100 3.8 2.2 6.6

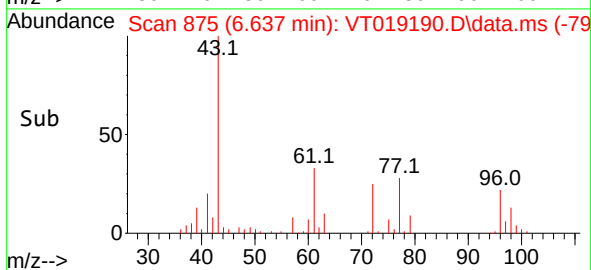
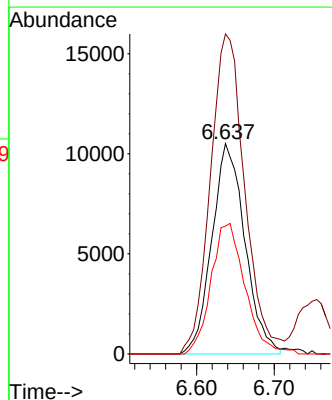
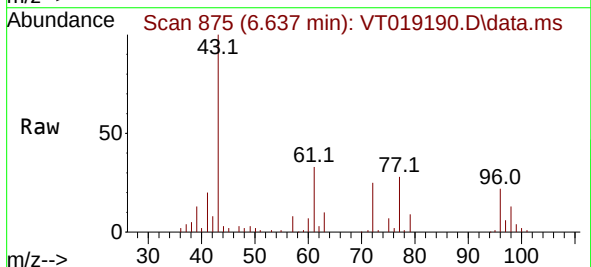
Manual Integrations
APPROVED

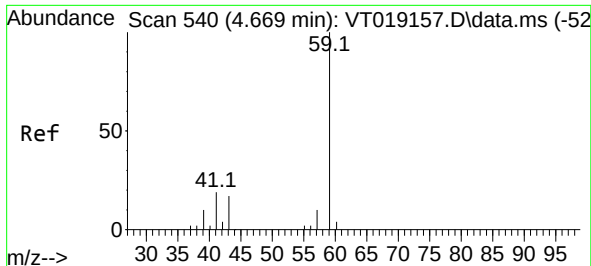
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
cis-1,2-Dichloroethene
Concen: 16.927 ug/l
RT: 6.637 min Scan# 875
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 96 Resp: 31129
Ion Ratio Lower Upper
96 100
61 158.5 120.0 180.0
98 63.6 52.8 79.2





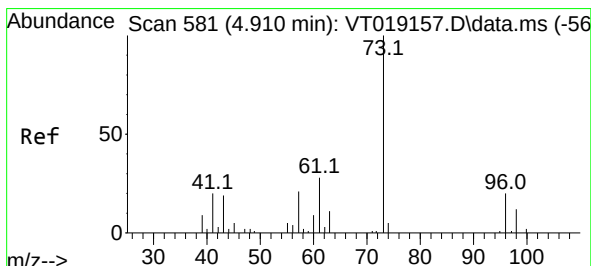
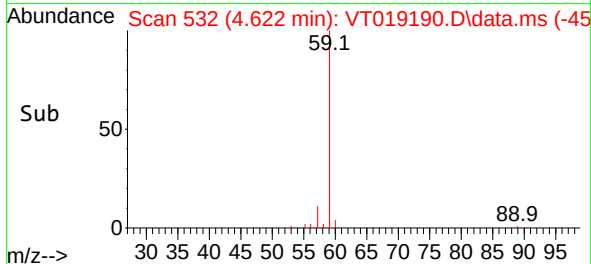
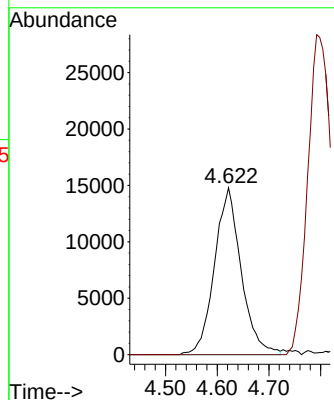
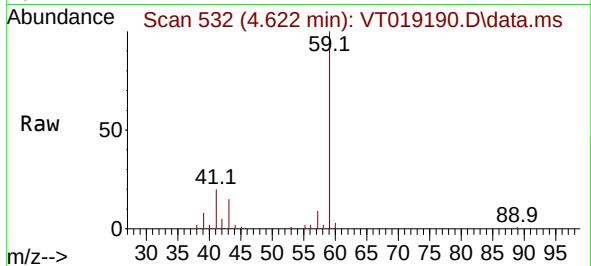
#23
tert-Butyl Alcohol
Concen: 83.072 ug/l
RT: 4.622 min Scan# 51
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 5302
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

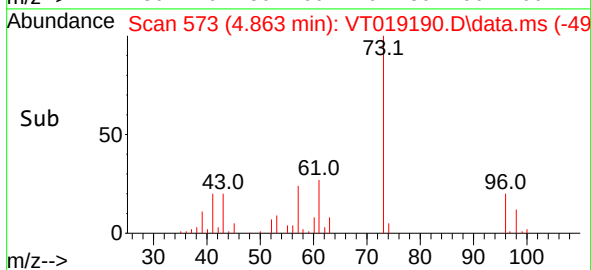
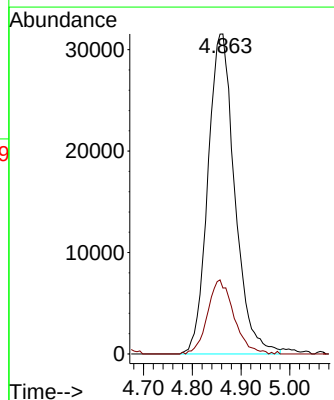
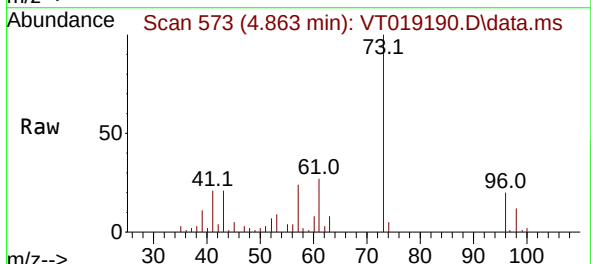
Manual Integrations
APPROVED

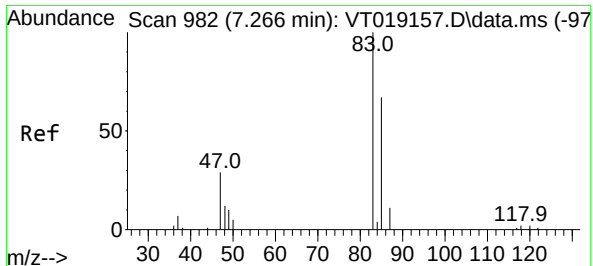
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#24
Methyl tert-Butyl Ether
Concen: 16.837 ug/l
RT: 4.863 min Scan# 573
Delta R.T. -0.058 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 73 Resp: 120925
Ion Ratio Lower Upper
73 100
43 22.4 16.9 25.3





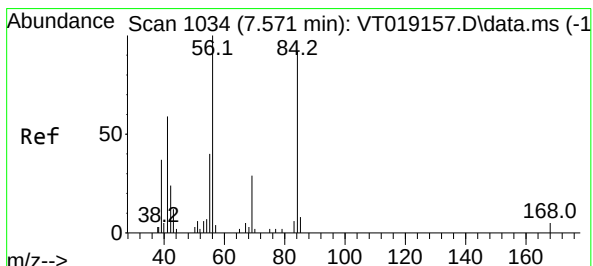
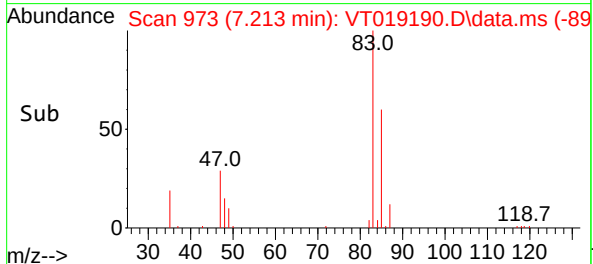
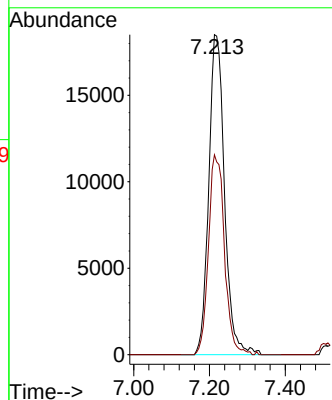
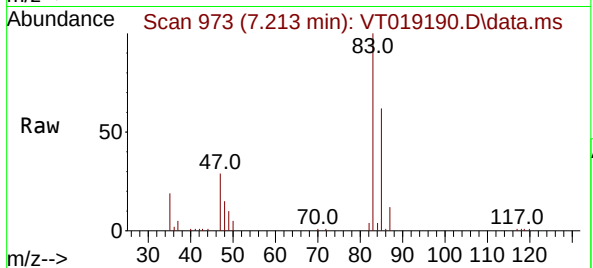
#25
Chloroform
Concen: 17.235 ug/l m
RT: 7.213 min Scan# 91
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5328
Ion Ratio Lower Upper
83 100
85 62.5 48.0 72.0

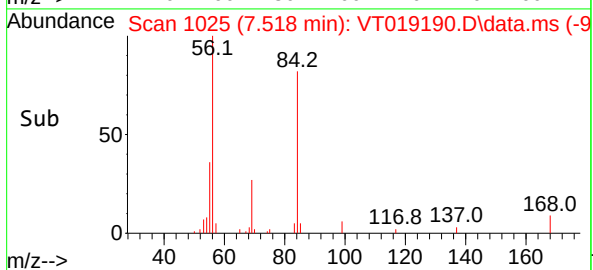
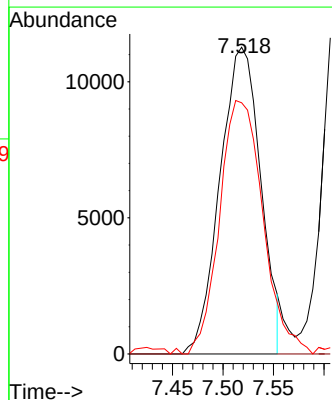
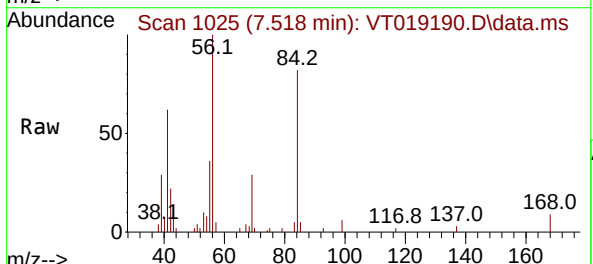
Manual Integrations
APPROVED

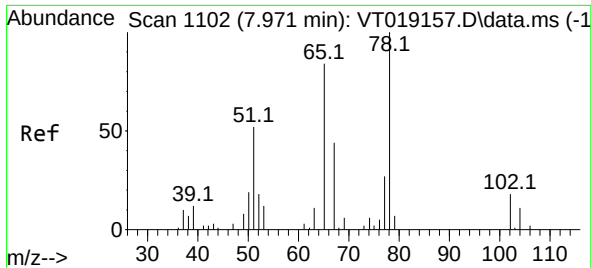
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
Cyclohexane
Concen: 15.960 ug/l m
RT: 7.518 min Scan# 1025
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 56 Resp: 31653
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 17.9 67.9 101.9#





#27

1,2-Dichloroethane-d4

Concen: 29.824 ug/l

RT: 7.924 min Scan# 1102

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 6954

Ion Ratio Lower Upper

65 100

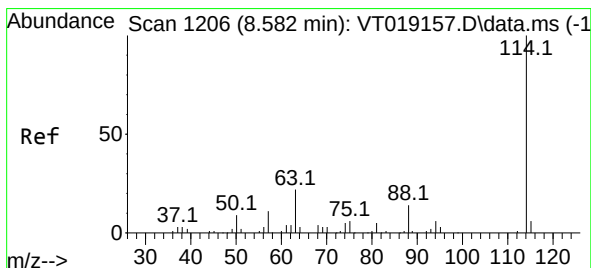
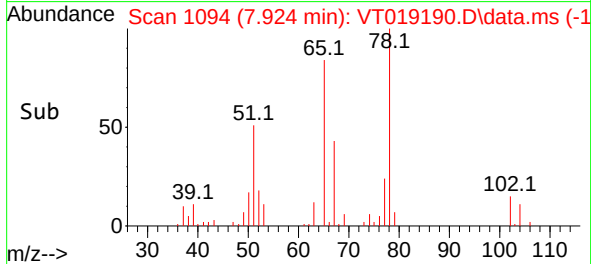
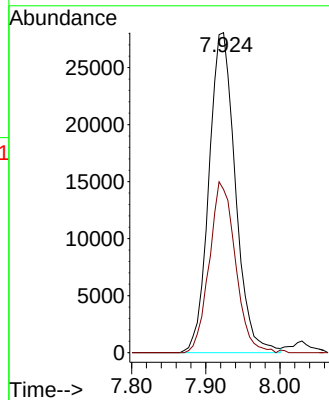
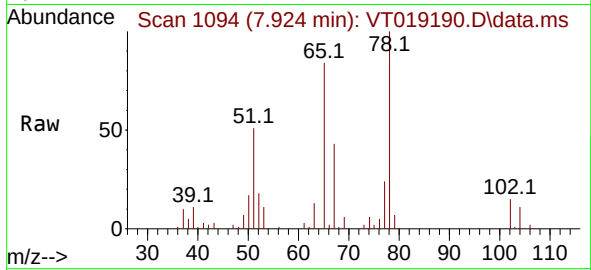
67 52.6 40.7 61.1

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: 8.535 min Scan# 1198

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

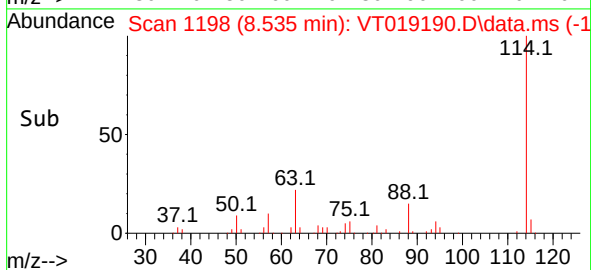
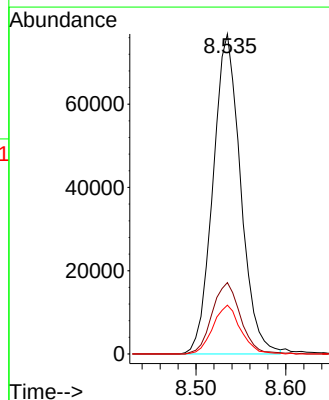
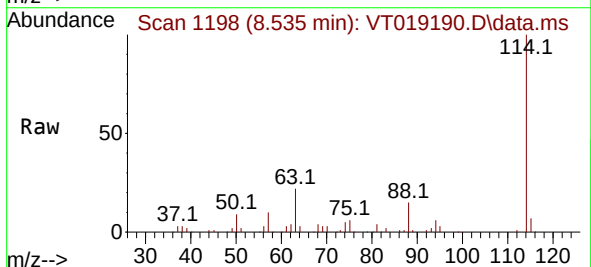
Tgt Ion:114 Resp: 163997

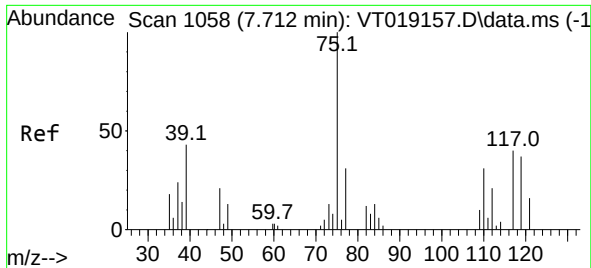
Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

88 15.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 16.956 ug/l

RT: 7.671 min Scan# 1051

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

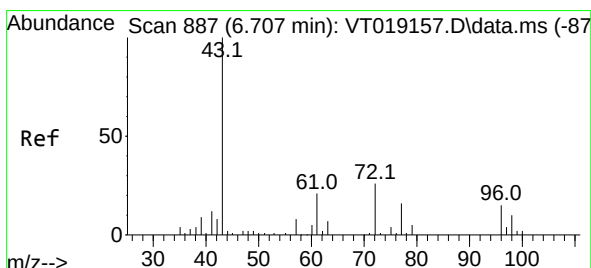
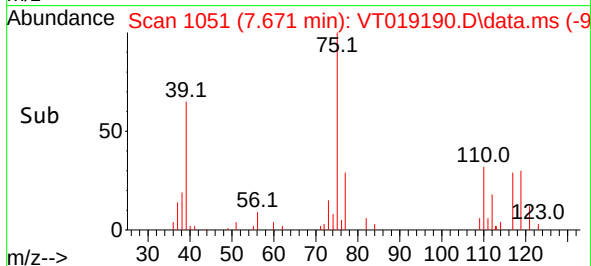
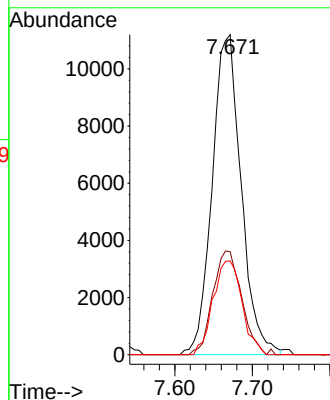
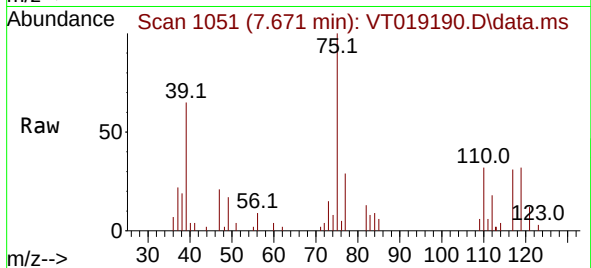
Tgt Ion:	75	Resp:	2909
Ion	Ratio	Lower	Upper
75	100		
110	32.0	0.0	70.8
77	29.3	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

2-Butanone

Concen: 81.740 ug/l

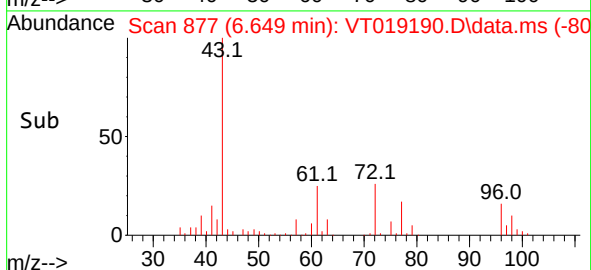
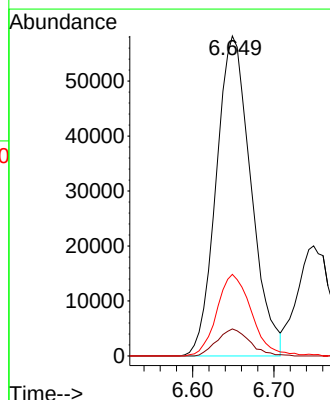
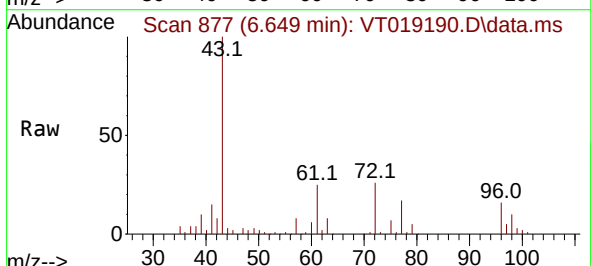
RT: 6.649 min Scan# 877

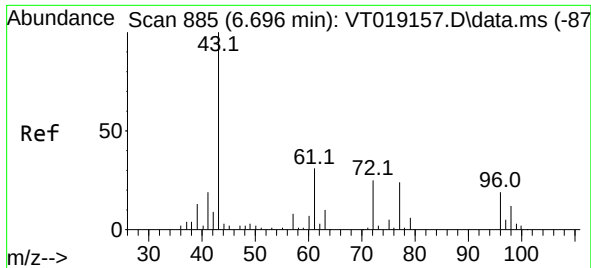
Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

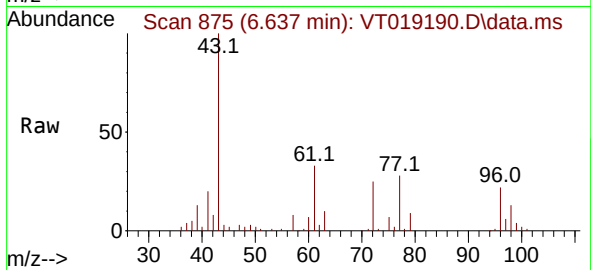
Tgt Ion:	43	Resp:	172898
Ion	Ratio	Lower	Upper
43	100		
57	8.0	5.9	8.9
72	25.4	20.2	30.2





#31
2,2-Dichloropropane
Concen: 17.582 ug/l m
RT: 6.637 min Scan# 81
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

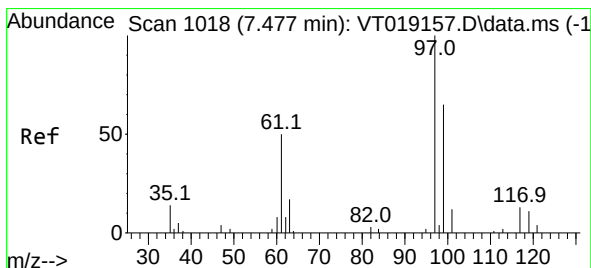
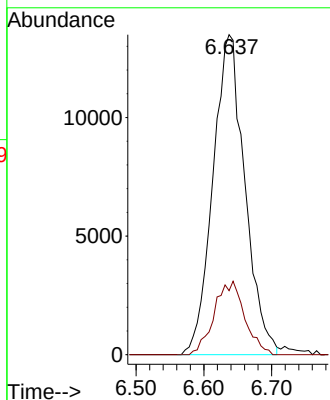
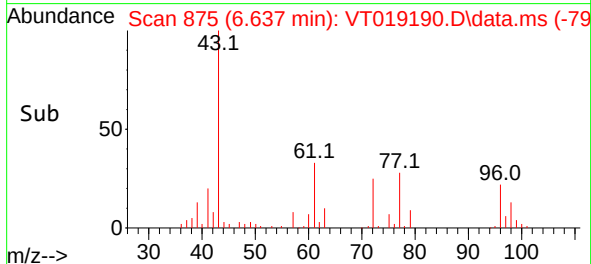
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 44175
Ion Ratio Lower Upper
77 100
97 0.0 14.5 21.75

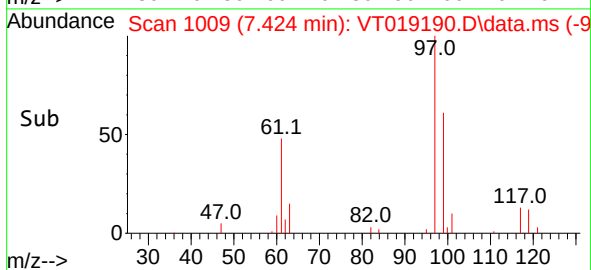
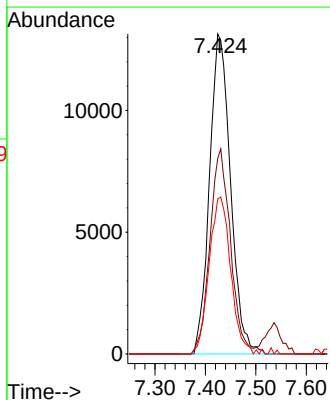
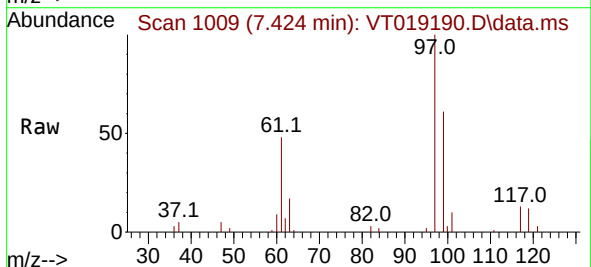
Manual Integrations
APPROVED

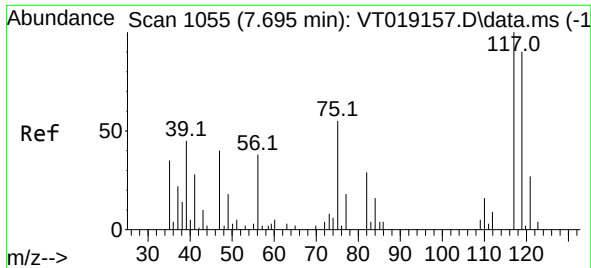
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 17.623 ug/l m
RT: 7.424 min Scan# 1009
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

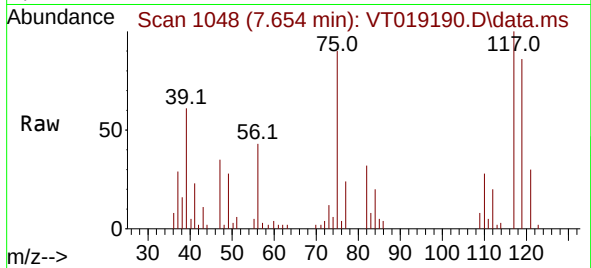
Tgt Ion: 97 Resp: 38102
Ion Ratio Lower Upper
97 100
99 0.0 30.0 45.0#
61 0.2 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 18.208 ug/l m
RT: 7.654 min Scan# 1095
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

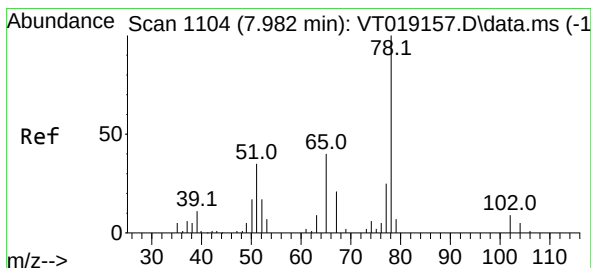
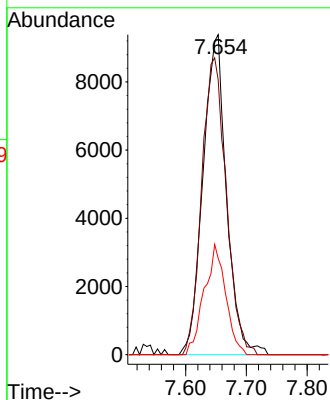
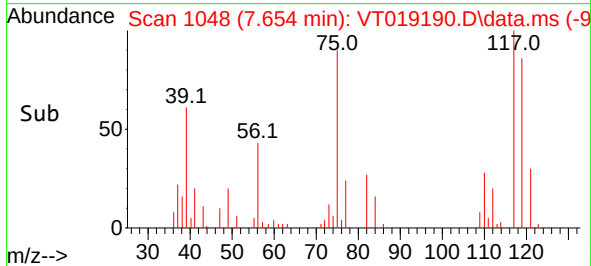
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



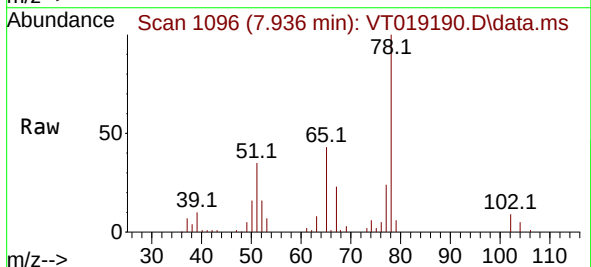
Tgt Ion:117 Resp: 2522
Ion Ratio Lower Upper
117 100
119 85.8 76.5 114.7
121 30.1 0.5 0.7

Manual Integrations
APPROVED

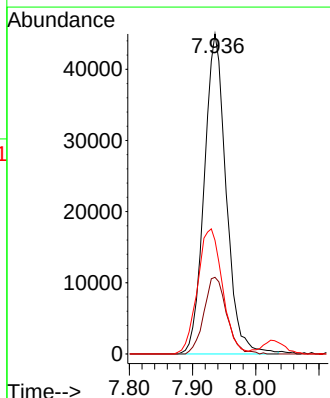
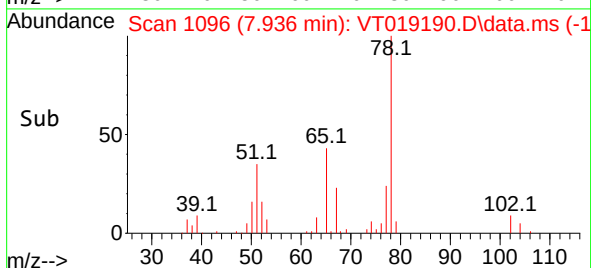
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

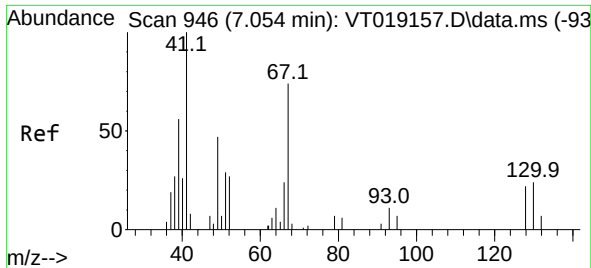


#34
Benzene
Concen: 17.008 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. -0.046 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



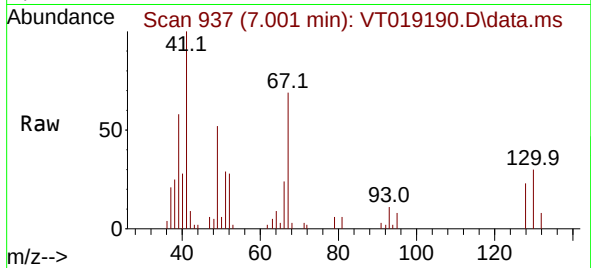
Tgt Ion: 78 Resp: 108131
Ion Ratio Lower Upper
78 100
77 24.0 17.6 26.4
51 34.9 13.8 20.6#





#35
Methacrylonitrile
Concen: 18.262 ug/l
RT: 7.001 min Scan# 911
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

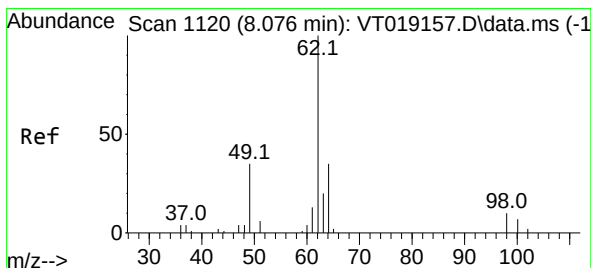
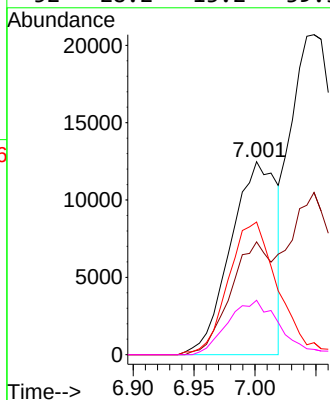
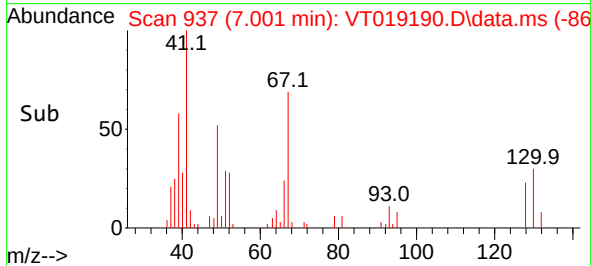
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	32879
Ion Ratio	100	Lower	Upper
41	100		
39	58.5	26.2	78.5
67	68.8	31.4	94.3
52	28.2	13.2	39.5

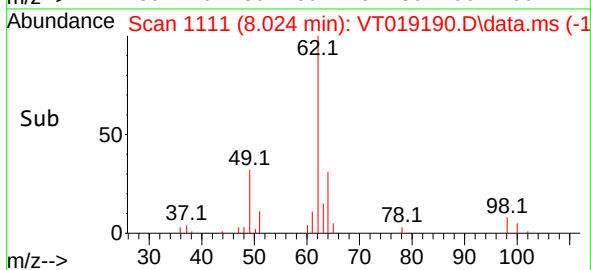
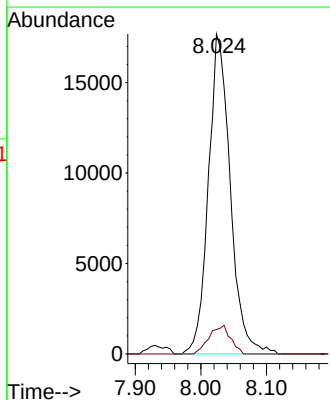
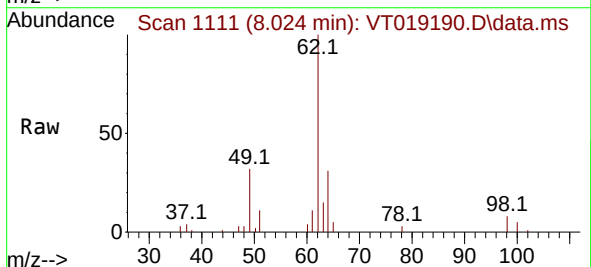
Manual Integrations
APPROVED

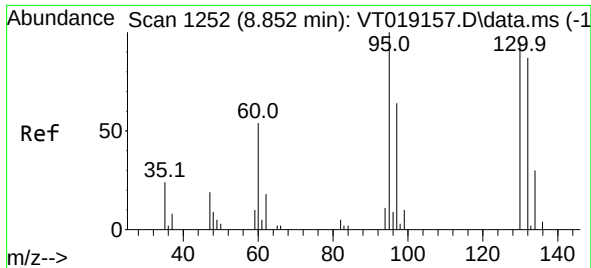
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,2-Dichloroethane
Concen: 17.378 ug/l
RT: 8.024 min Scan# 1111
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

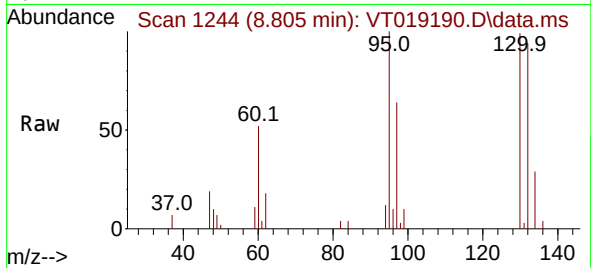
Tgt Ion:	62	Resp:	40958
Ion Ratio	100	Lower	Upper
62	100		
98	8.7	6.7	10.1





#37
Trichloroethene
Concen: 17.446 ug/l
RT: 8.805 min Scan# 1244
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

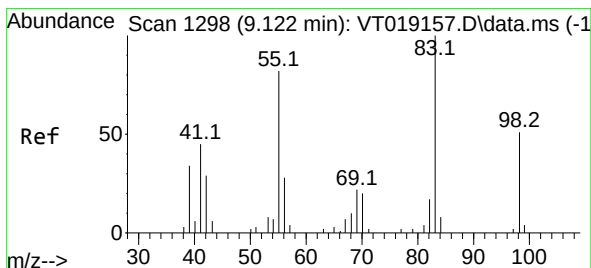
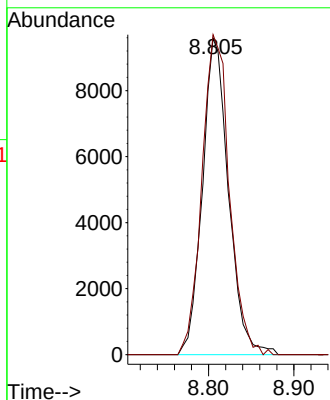
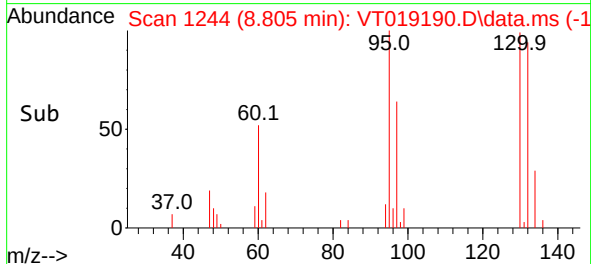
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 2040
Ion Ratio Lower Upper
130 100
95 101.1 79.4 119.2

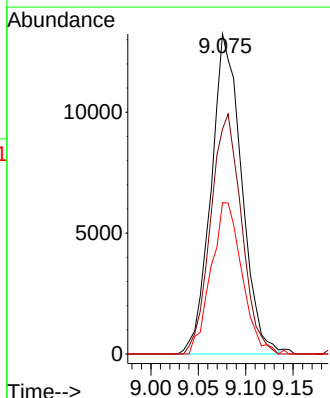
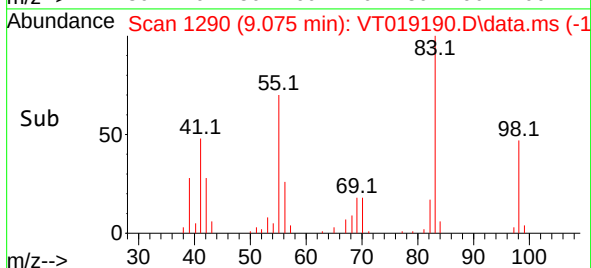
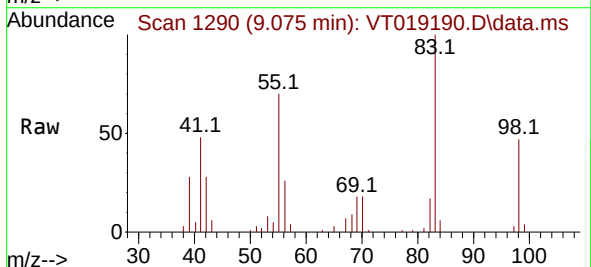
Manual Integrations
APPROVED

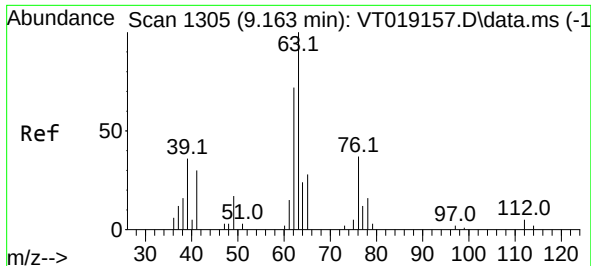
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#38
Methylcyclohexane
Concen: 17.137 ug/l
RT: 9.075 min Scan# 1290
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 83 Resp: 29614
Ion Ratio Lower Upper
83 100
55 75.8 40.3 120.8
98 47.0 24.3 72.9





#39

1,2-Dichloropropane

Concen: 17.327 ug/l

RT: 9.122 min Scan# 11

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2885

Ion Ratio Lower Upper

63 100

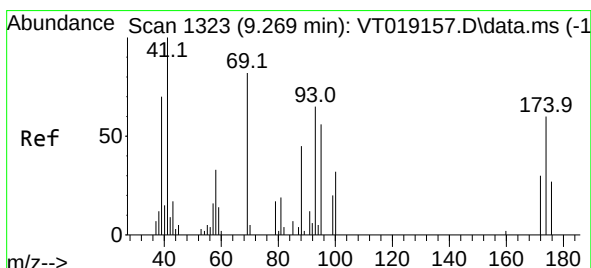
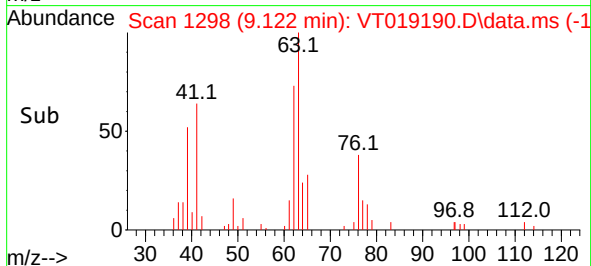
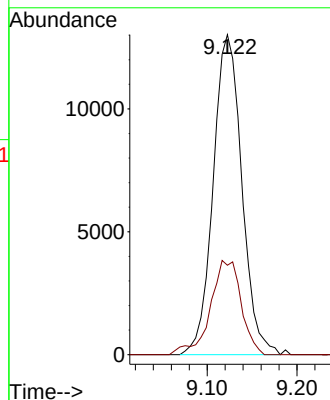
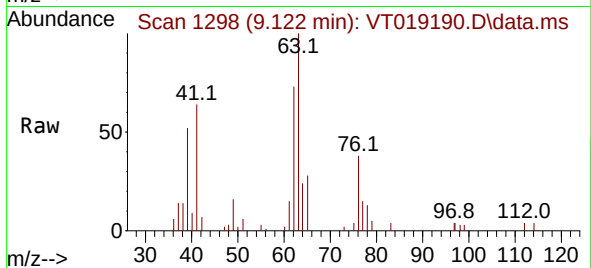
65 27.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#40

Dibromomethane

Concen: 17.095 ug/l

RT: 9.216 min Scan# 1314

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

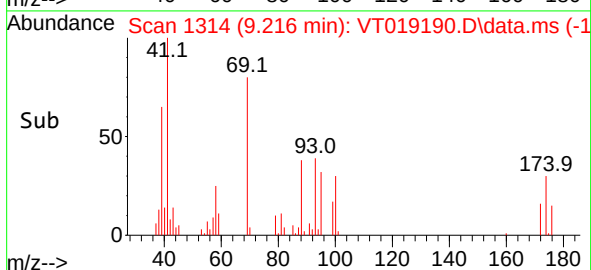
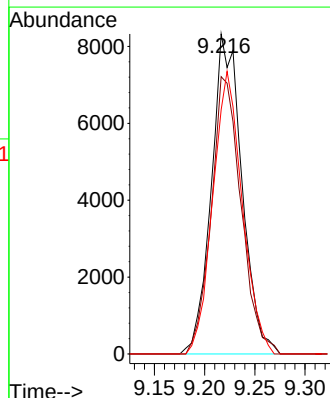
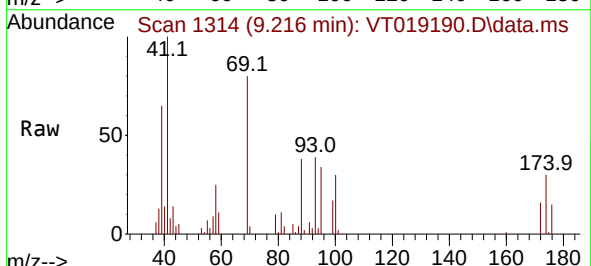
Tgt Ion: 93 Resp: 17551

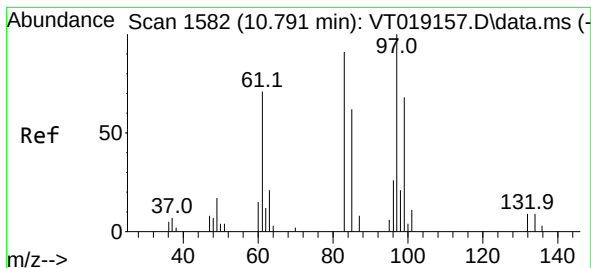
Ion Ratio Lower Upper

93 100

95 85.0 0.0 166.2

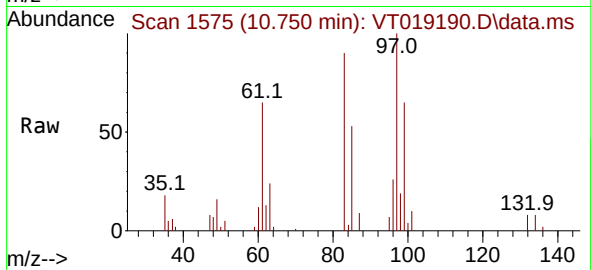
174 85.4 0.0 26.4#





#41
Bromodichloromethane
Concen: 17.662 ug/l m
RT: 10.750 min Scan# 1
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

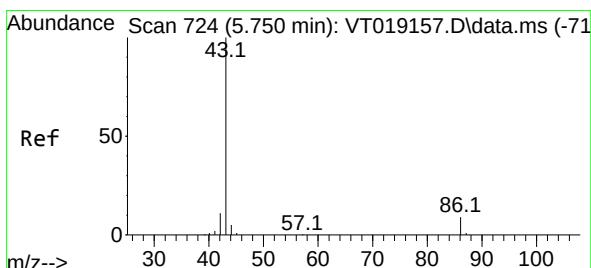
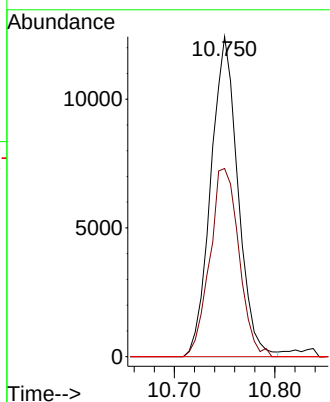
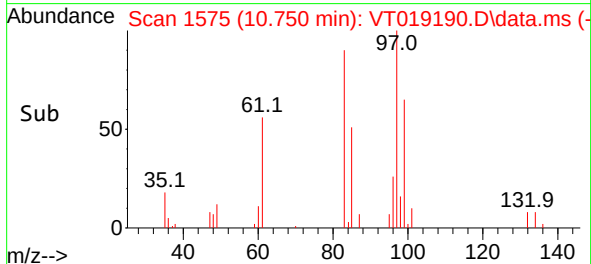
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 2329
Ion Ratio Lower Upper
83 100
85 58.8 47.2 70.8
127 0.0 7.1 10.7

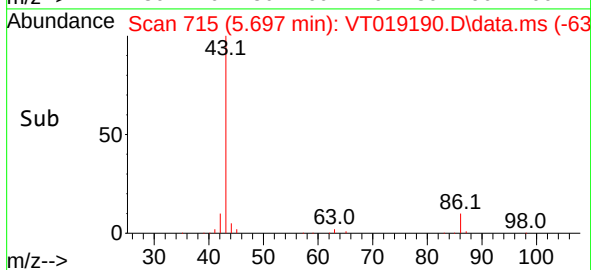
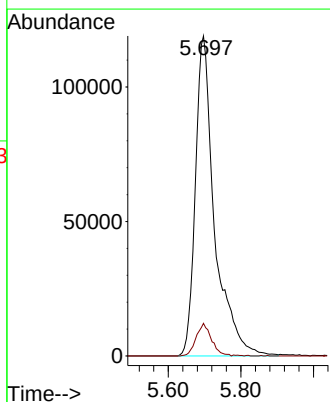
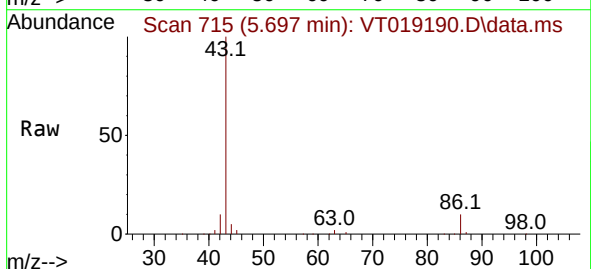
Manual Integrations
APPROVED

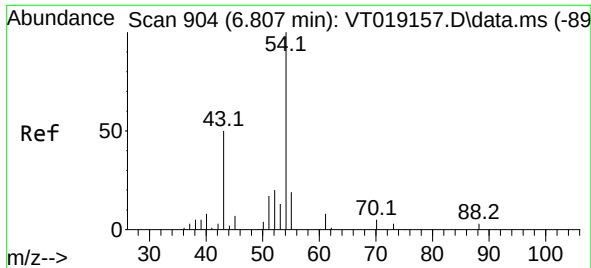
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#42
Vinyl Acetate
Concen: 84.222 ug/l
RT: 5.697 min Scan# 715
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 43 Resp: 437079
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





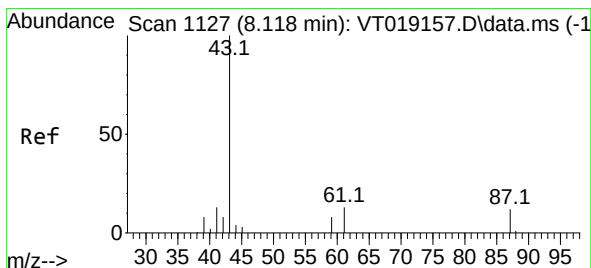
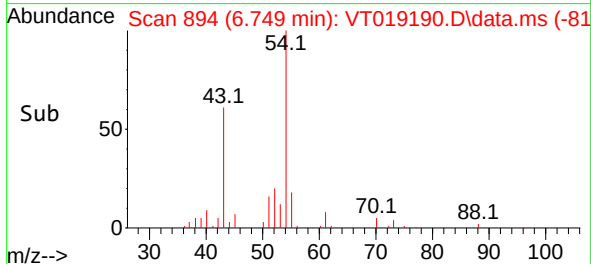
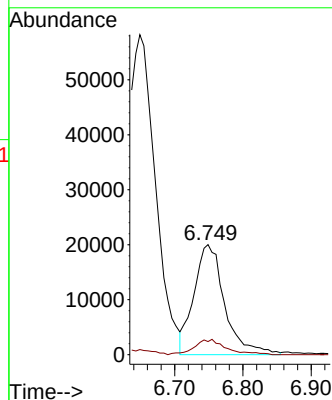
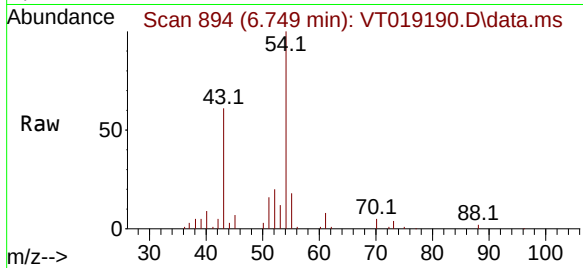
#43
Ethyl Acetate
Concen: 18.008 ug/l
RT: 6.749 min Scan# 894
Delta R.T. -0.052 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 62610
Ion Ratio Lower Upper
43 100
45 6.7 10.6 16.0

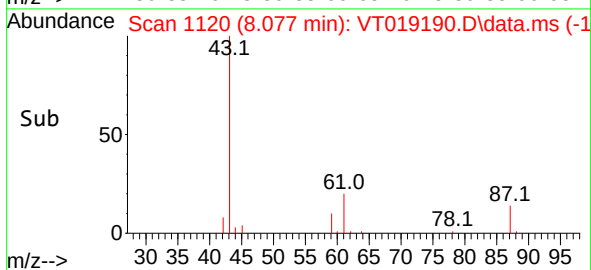
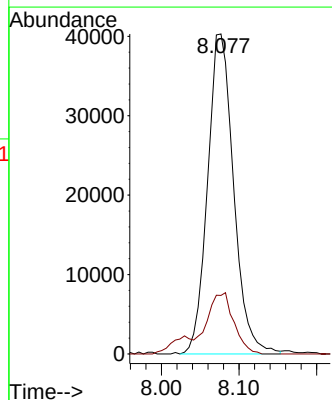
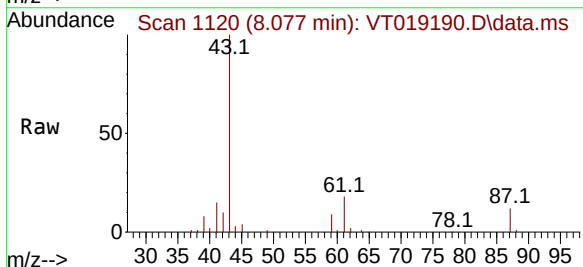
Manual Integrations
APPROVED

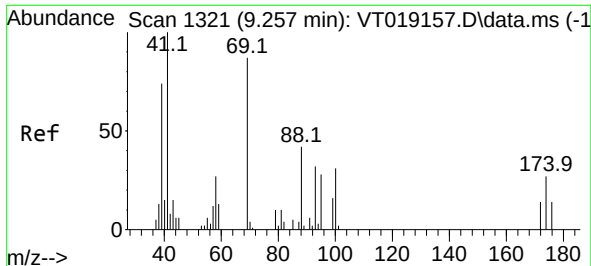
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#44
Isopropyl Acetate
Concen: 17.210 ug/l
RT: 8.077 min Scan# 1120
Delta R.T. -0.046 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

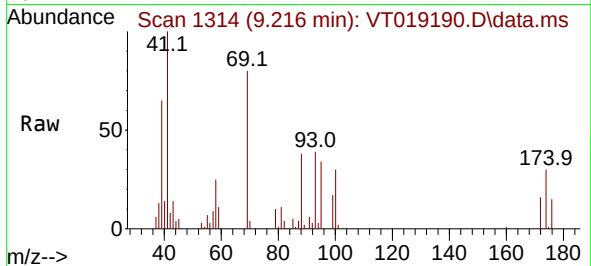
Tgt Ion: 43 Resp: 94180
Ion Ratio Lower Upper
43 100
61 19.4 14.7 22.1





#45
1,4-Dioxane
Concen: 380.072 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

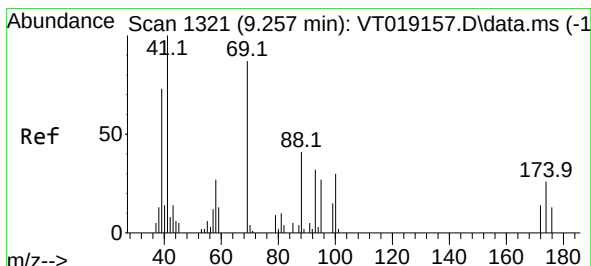
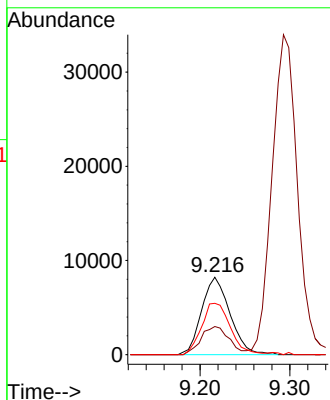
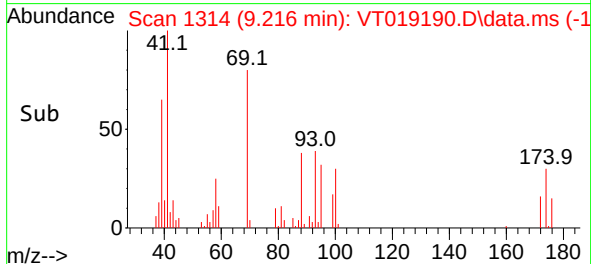
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 1804
Ion Ratio Lower Upper
88 100
43 36.2 30.2 45.2
58 67.1 33.3 49.9

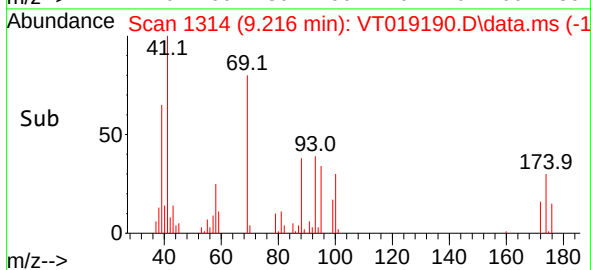
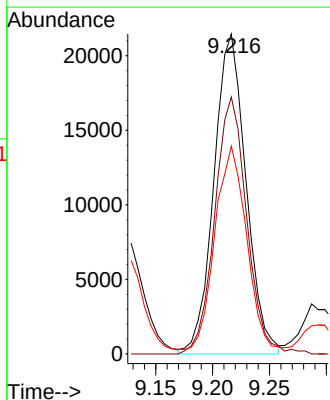
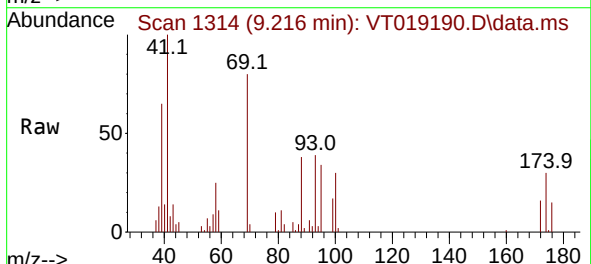
Manual Integrations
APPROVED

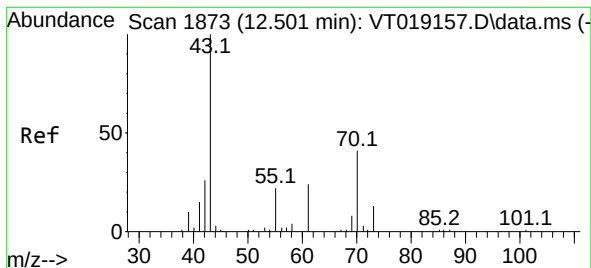
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Methyl methacrylate
Concen: 17.221 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 41 Resp: 42138
Ion Ratio Lower Upper
41 100
69 81.3 35.8 107.3
39 64.3 24.4 73.4





#47

n-amy1 Acetate

Concen: 17.191 ug/l

RT: 12.460 min Scan# 1866

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 63300

Ion Ratio Lower Upper

43 100

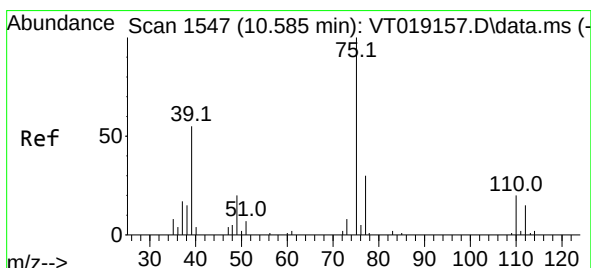
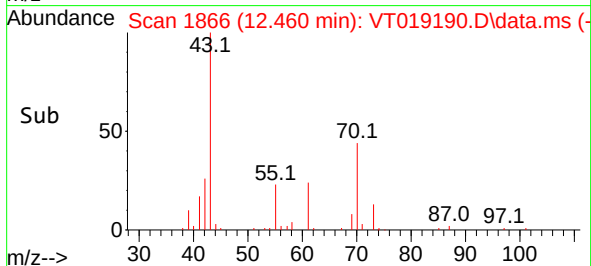
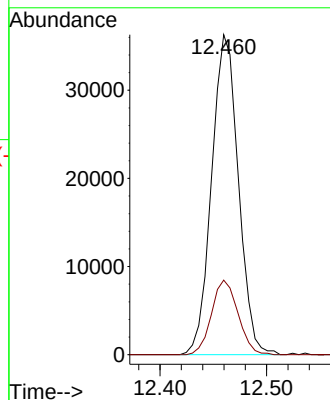
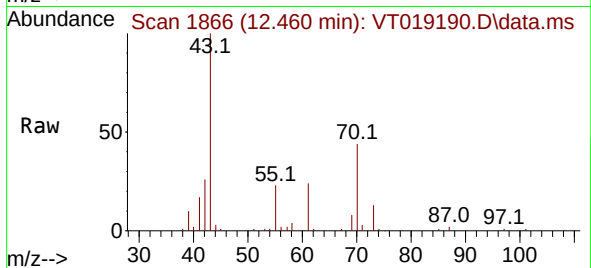
55 23.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#48

t-1,3-Dichloropropene

Concen: 17.949 ug/l

RT: 10.544 min Scan# 1540

Delta R.T. -0.041 min

Lab File: VT019190.D

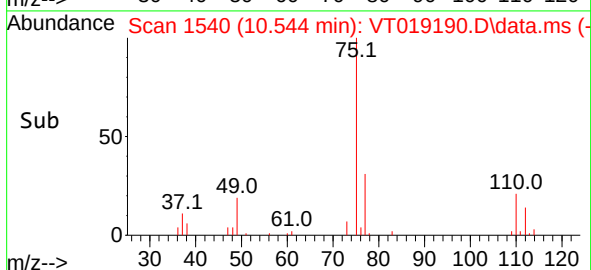
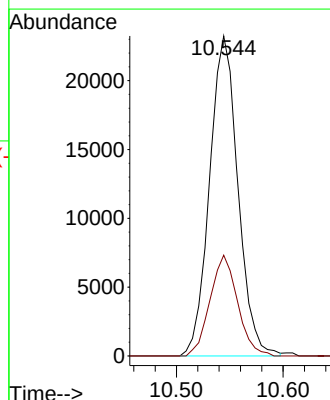
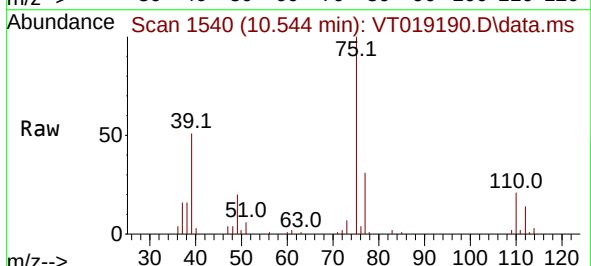
Acq: 27 Oct 2025 14:48

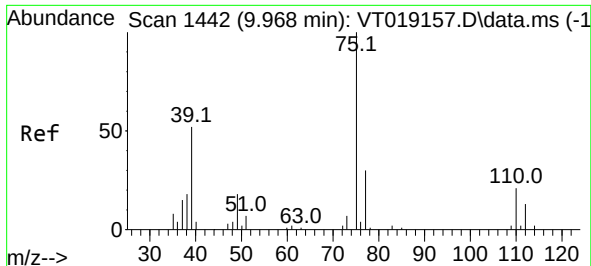
Tgt Ion: 75 Resp: 42950

Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 17.552 ug/l

RT: 9.927 min Scan# 1442

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4412

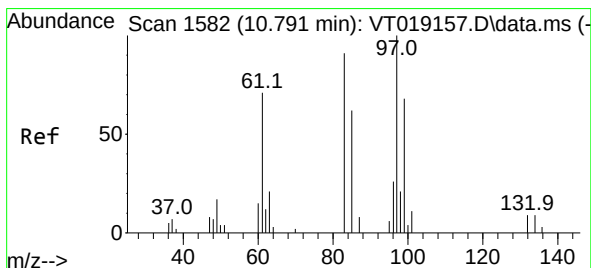
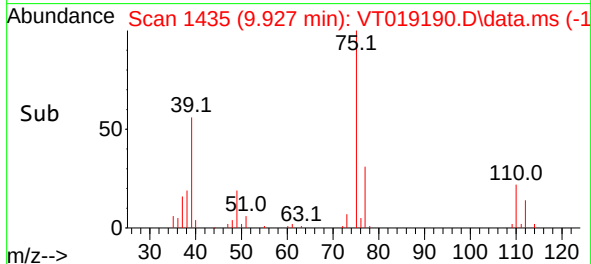
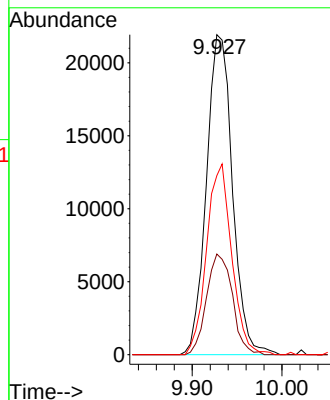
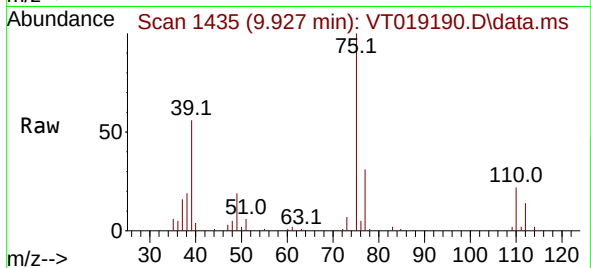
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7
39	55.9	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

1,1,2-Trichloroethane

Concen: 17.597 ug/l m

RT: 10.750 min Scan# 1575

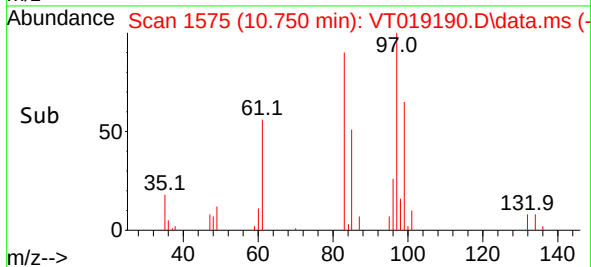
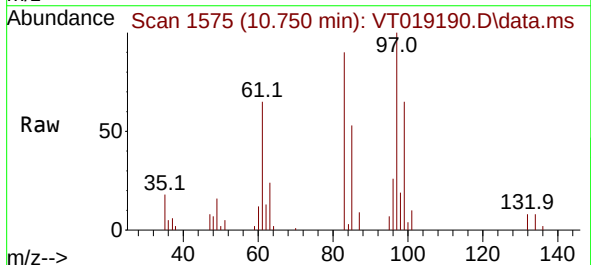
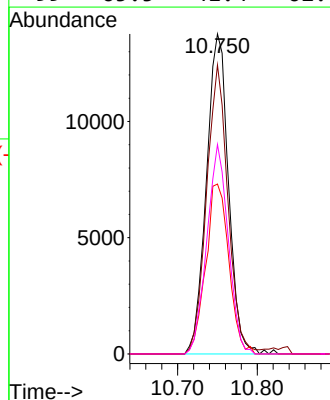
Delta R.T. -0.041 min

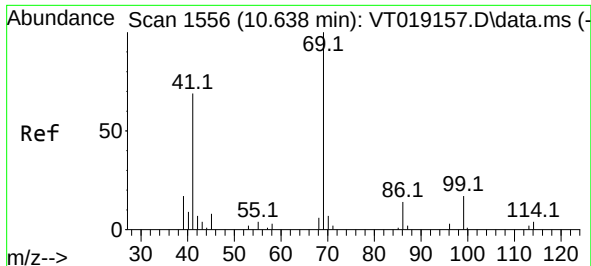
Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Tgt Ion: 97 Resp: 26573

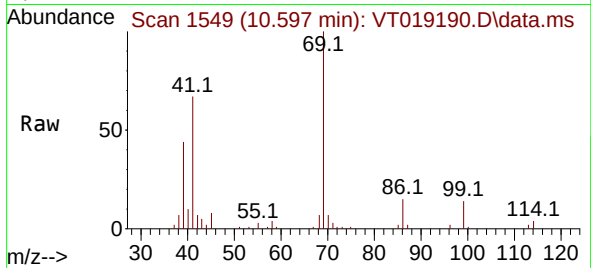
Ion	Ratio	Lower	Upper
97	100		
83	90.3	58.3	87.5#
85	53.1	36.5	54.7
99	65.5	41.4	62.0#





#51
Ethyl methacrylate
Concen: 17.963 ug/l
RT: 10.597 min Scan# 1549
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

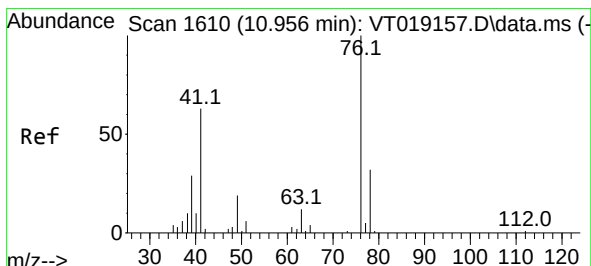
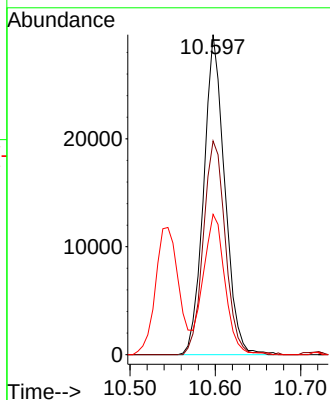
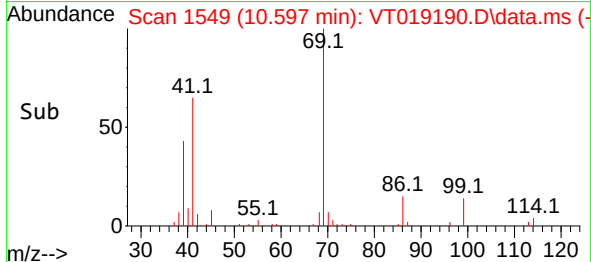
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 50835
Ion Ratio Lower Upper
69 100
41 66.8 35.0 105.1
39 43.8 19.5 58.5

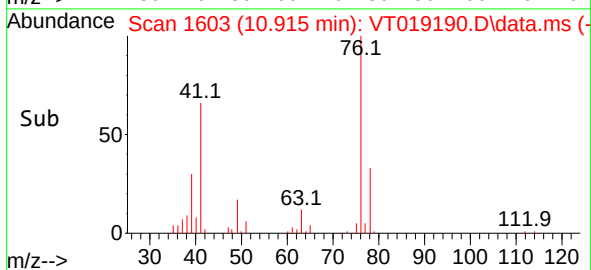
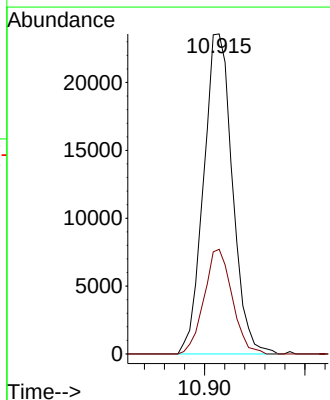
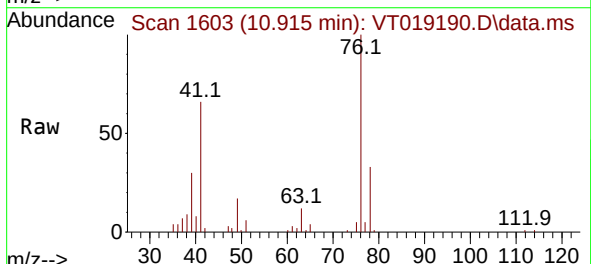
Manual Integrations
APPROVED

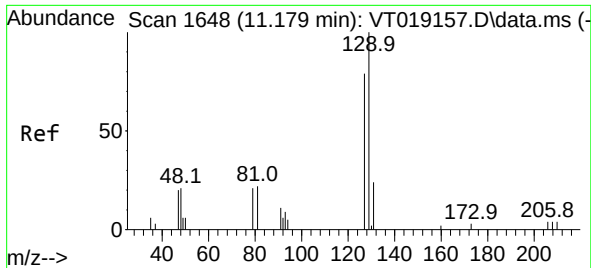
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
1,3-Dichloropropane
Concen: 17.424 ug/l
RT: 10.915 min Scan# 1603
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

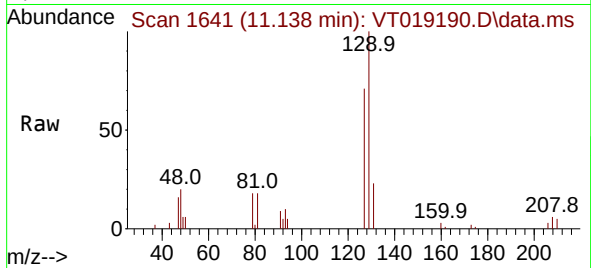
Tgt Ion: 76 Resp: 46994
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.6





#53
Dibromochloromethane
Concen: 18.599 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

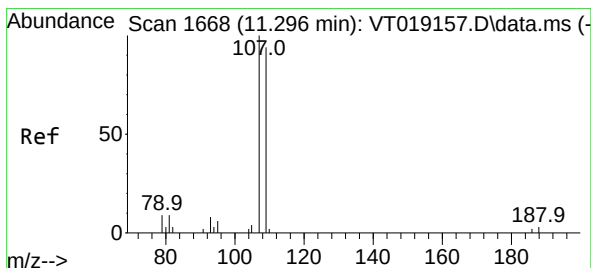
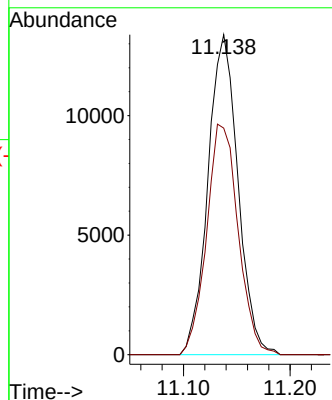
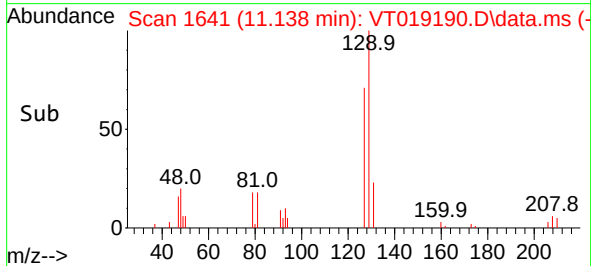
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



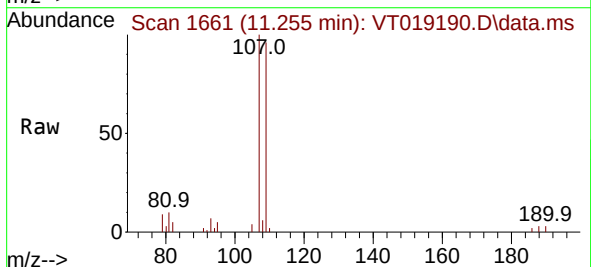
Tgt Ion:129 Resp: 26199
Ion Ratio Lower Upper
129 100
127 75.6 125.0 374.9

Manual Integrations
APPROVED

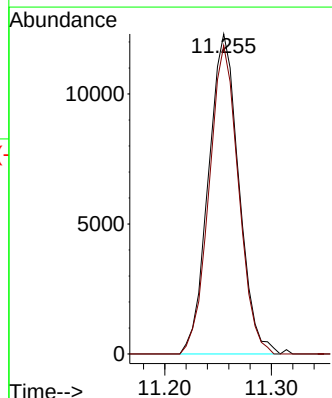
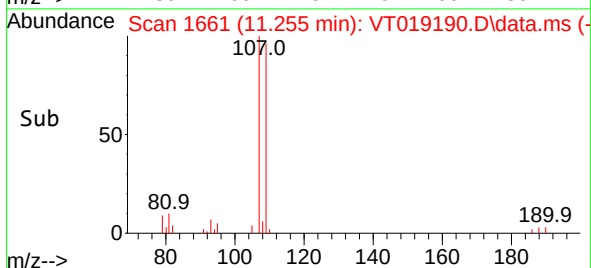
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

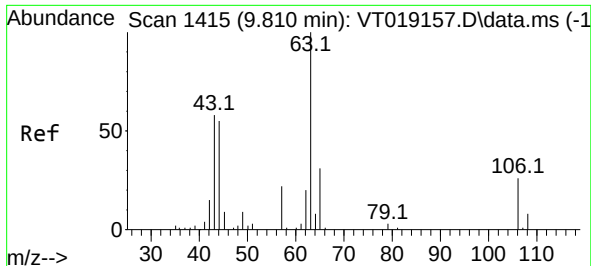


#54
1,2-Dibromoethane
Concen: 17.352 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



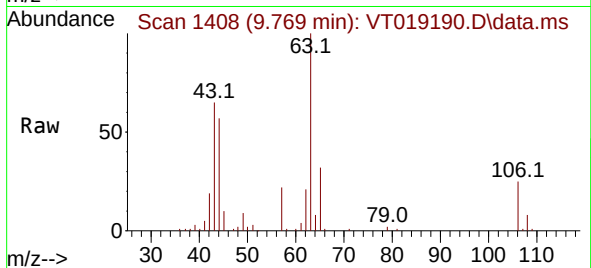
Tgt Ion:107 Resp: 24371
Ion Ratio Lower Upper
107 100
109 93.1 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 82.778 ug/l
RT: 9.769 min Scan# 1415
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

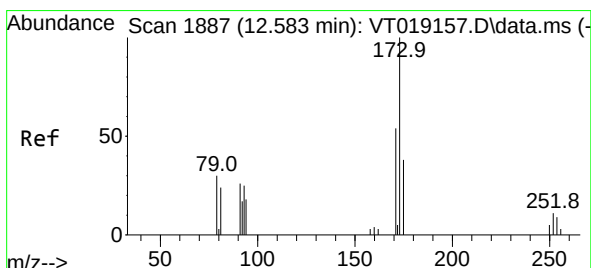
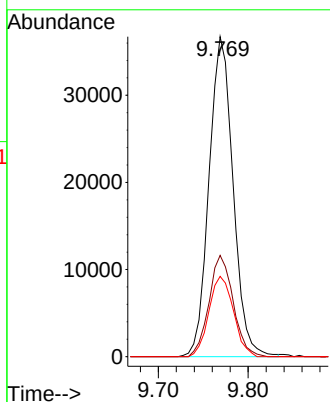
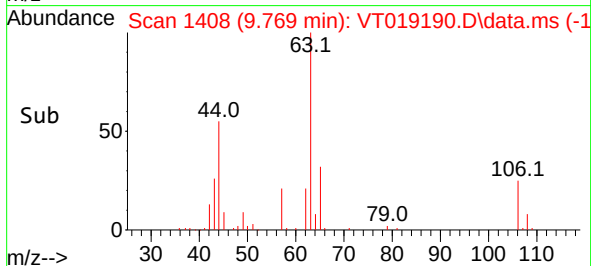
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 68324
Ion Ratio Lower Upper
63 100
65 31.8 25.8 38.6
106 25.6 22.1 33.1

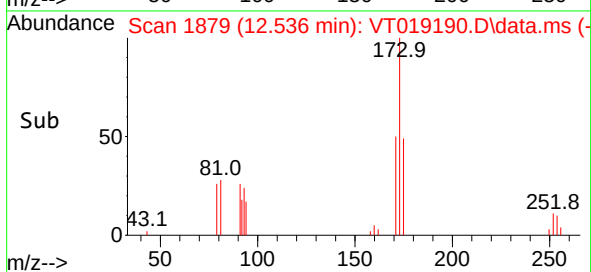
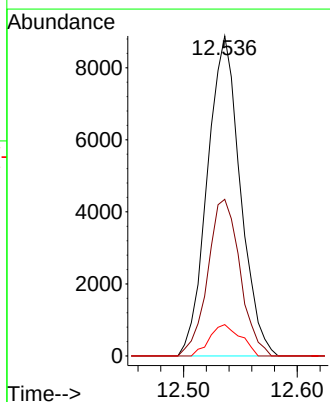
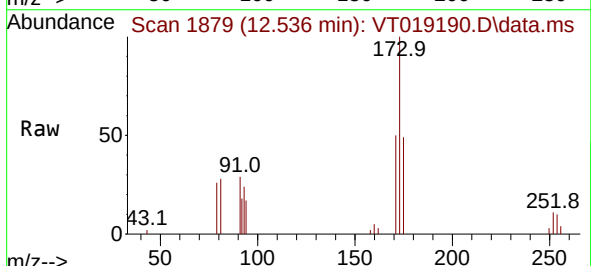
Manual Integrations
APPROVED

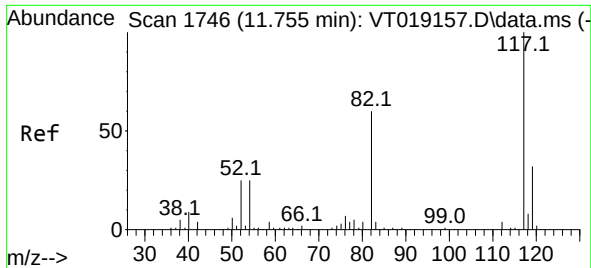
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#56
Bromoform
Concen: 19.282 ug/l
RT: 12.536 min Scan# 1879
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:173 Resp: 17856
Ion Ratio Lower Upper
173 100
175 48.0 2.6 3.8#
254 9.3 2.2 3.2#





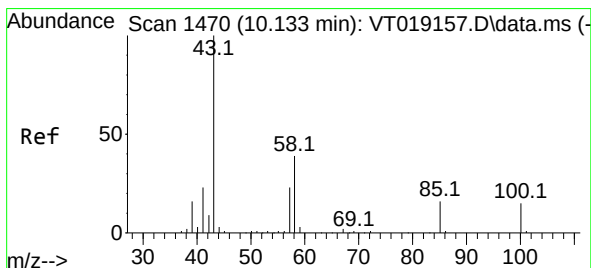
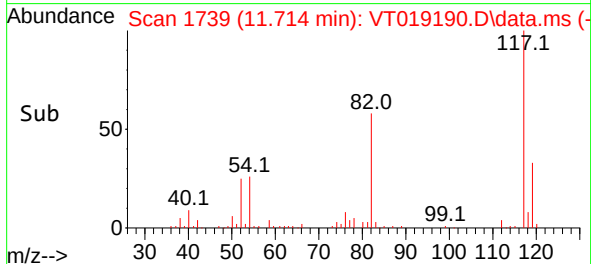
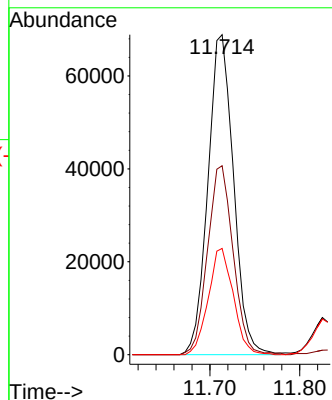
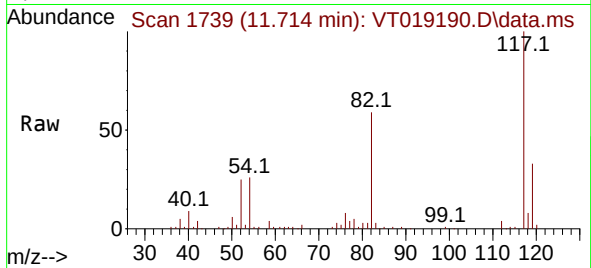
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.714 min Scan# 117
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 13659
Ion Ratio Lower Upper
117 100
82 59.0 46.0 69.0
119 32.4 25.8 38.8

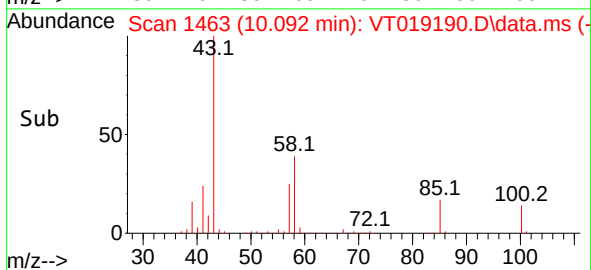
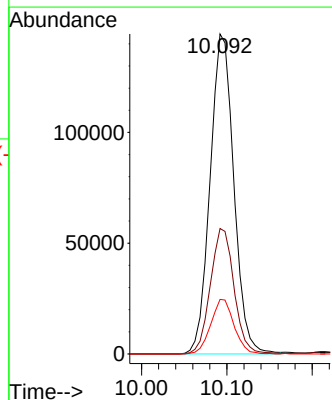
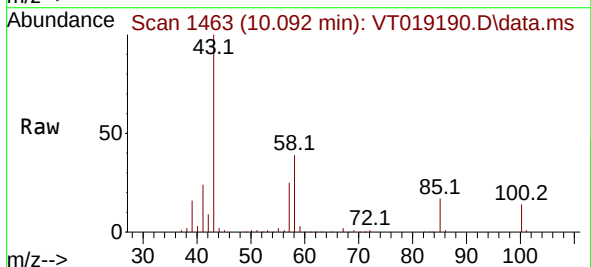
Manual Integrations
APPROVED

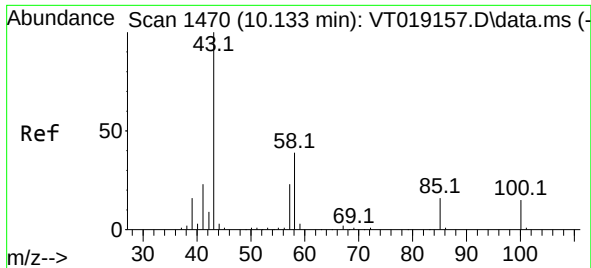
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#58
4-Methyl-2-Pentanone
Concen: 83.527 ug/l
RT: 10.092 min Scan# 1463
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

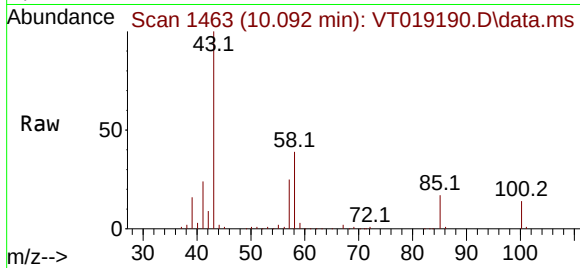
Tgt Ion: 43 Resp: 279402
Ion Ratio Lower Upper
43 100
58 39.1 30.6 45.8
85 16.7 13.4 20.2





#59
2-Hexanone
Concen: 83.527 ug/l
RT: 10.092 min Scan# 1463
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

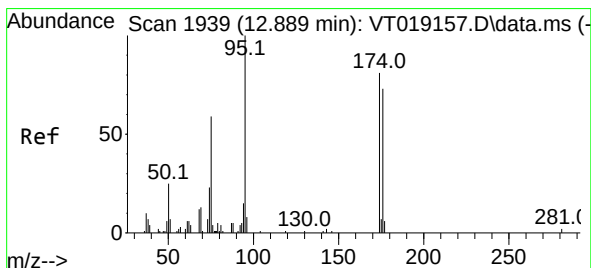
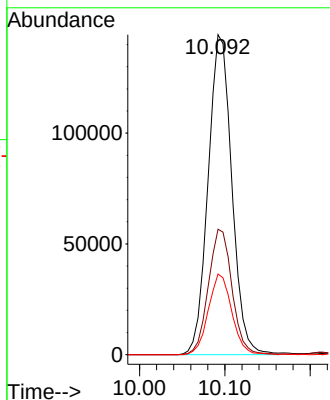
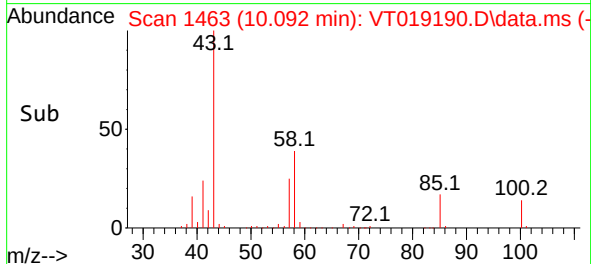
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 279402
Ion Ratio Lower Upper
43 100
58 39.1 42.0 63.0
57 24.9 14.6 21.8

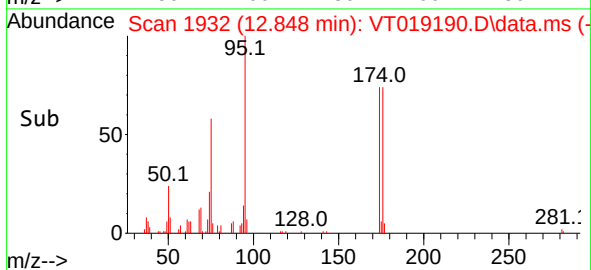
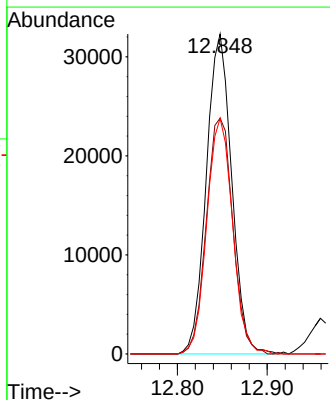
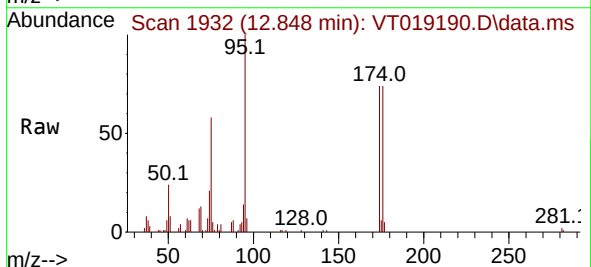
Manual Integrations
APPROVED

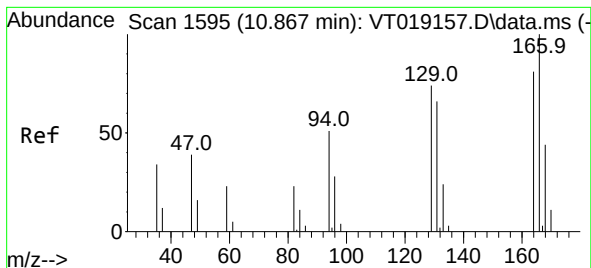
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
4-Bromofluorobenzene
Concen: 29.523 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

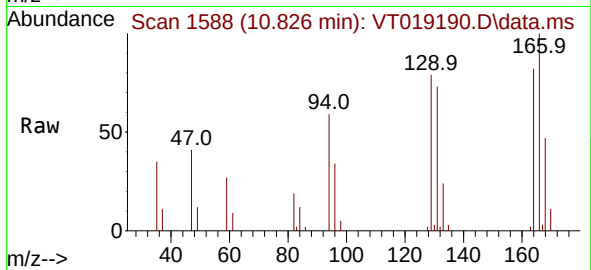
Tgt Ion: 95 Resp: 63378
Ion Ratio Lower Upper
95 100
174 77.1 57.5 86.3
176 74.2 56.4 84.6





#61
Tetrachloroethene
Concen: 17.765 ug/l
RT: 10.826 min Scan# 1496
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

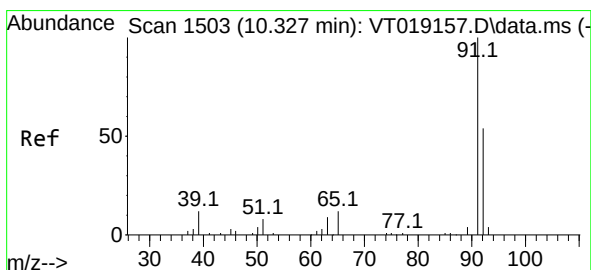
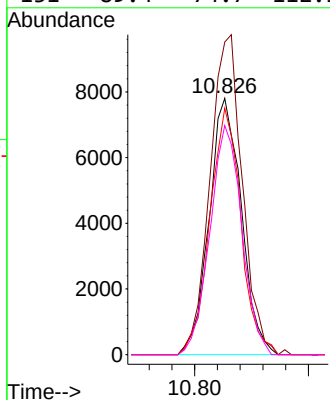
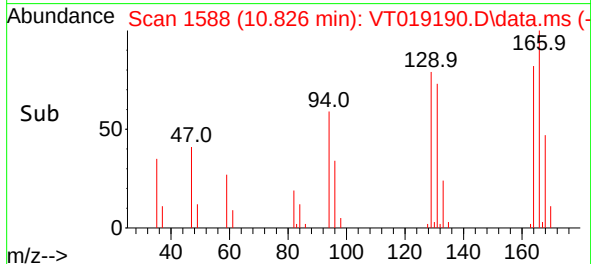
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



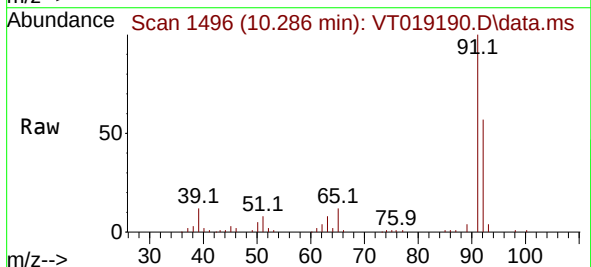
Tgt Ion:164 Resp: 15338
Ion Ratio Lower Upper
164 100
166 122.0 101.0 151.4
129 96.1 78.6 117.8
131 89.4 74.7 112.1

Manual Integrations
APPROVED

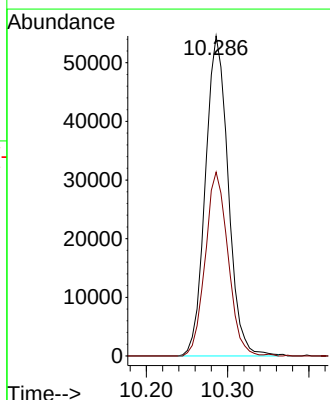
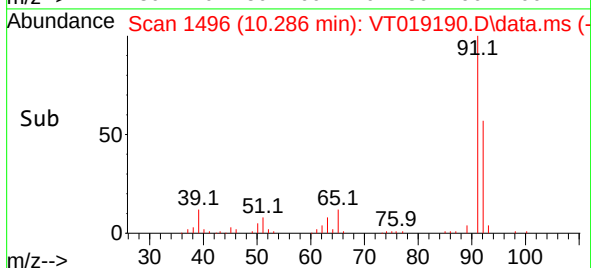
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

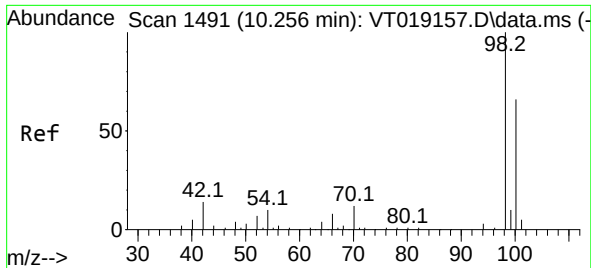


#62
Toluene
Concen: 17.410 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



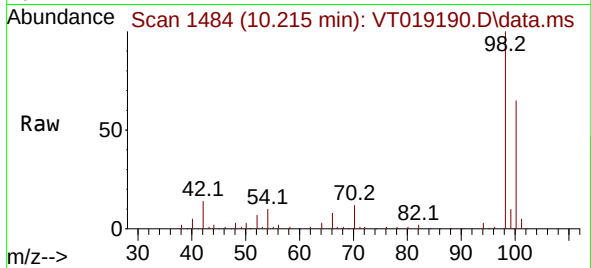
Tgt Ion: 91 Resp: 106515
Ion Ratio Lower Upper
91 100
92 57.2 46.6 69.8





#63
Toluene-d8
Concen: 29.824 ug/l
RT: 10.215 min Scan# 1491
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

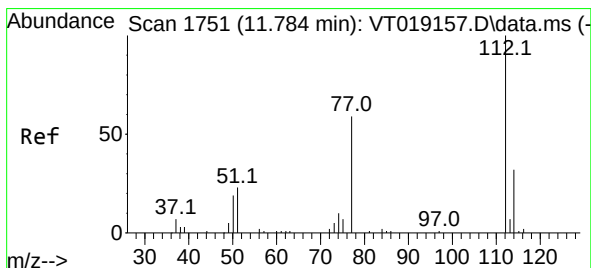
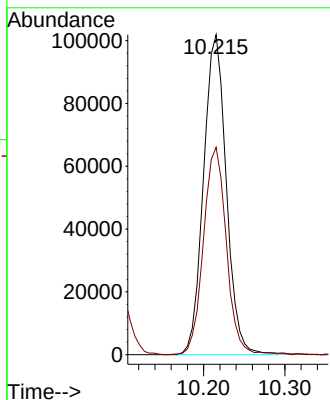
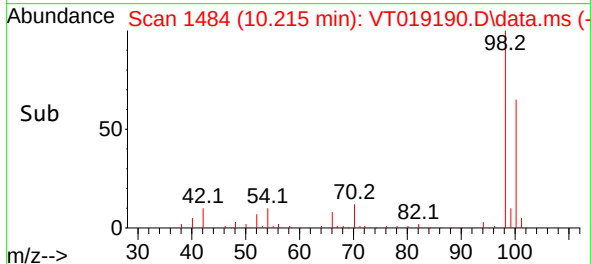
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 198275
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3

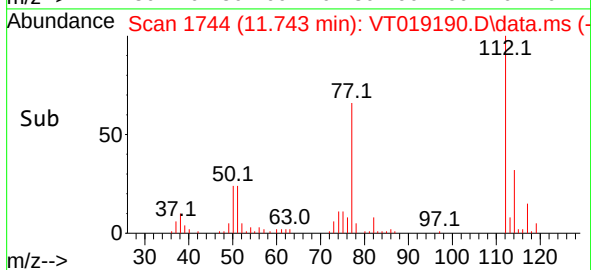
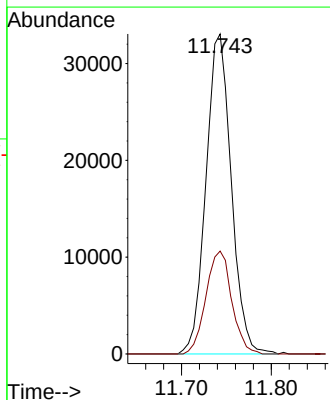
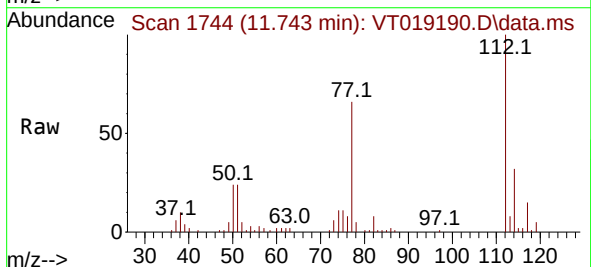
Manual Integrations
APPROVED

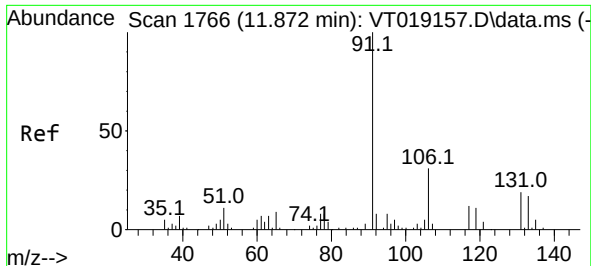
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Chlorobenzene
Concen: 17.282 ug/l
RT: 11.743 min Scan# 1744
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:112 Resp: 64582
Ion Ratio Lower Upper
112 100
114 32.1 23.6 35.4





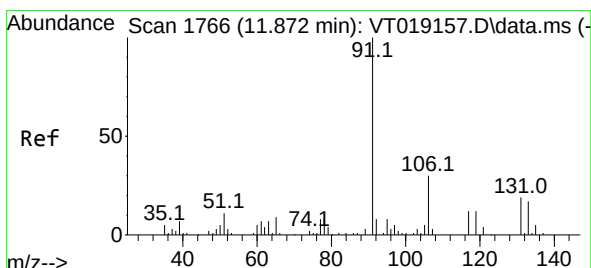
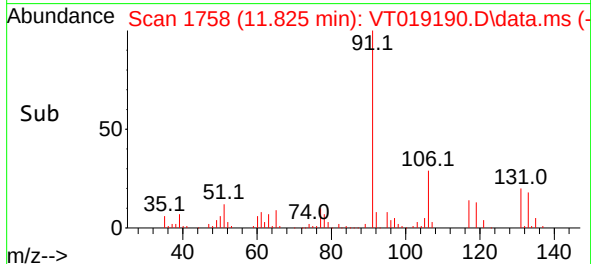
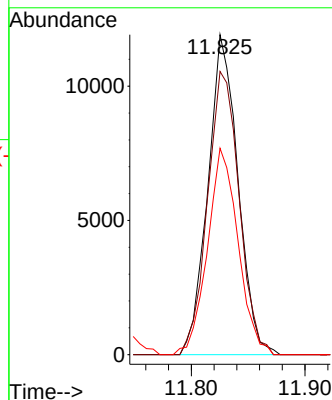
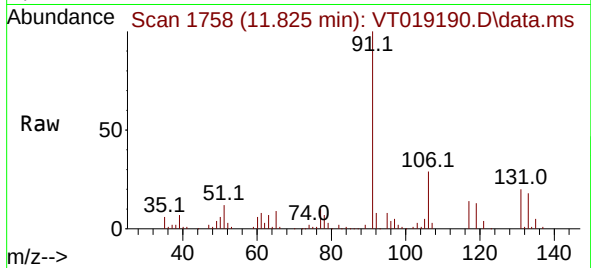
#65
1,1,1,2-Tetrachloroethane
Concen: 17.978 ug/l
RT: 11.825 min Scan# 1758
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 21884
Ion Ratio Lower Upper
131 100
133 93.1 0.0 188.2
119 65.7 0.0 101.8

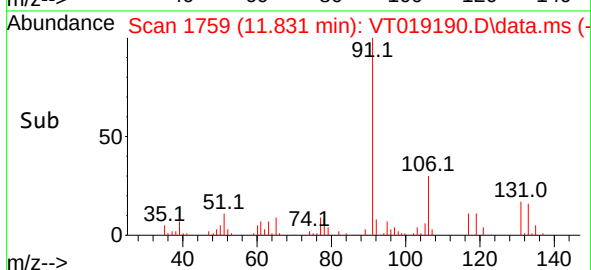
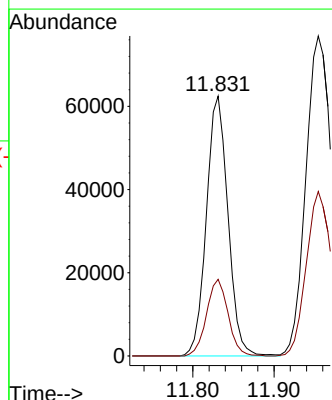
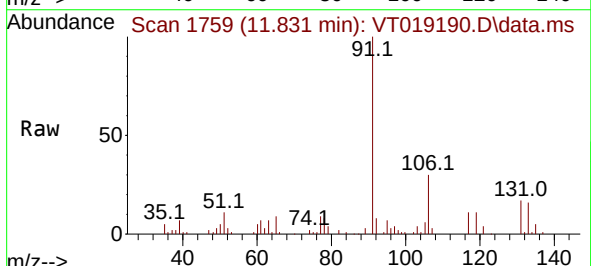
Manual Integrations
APPROVED

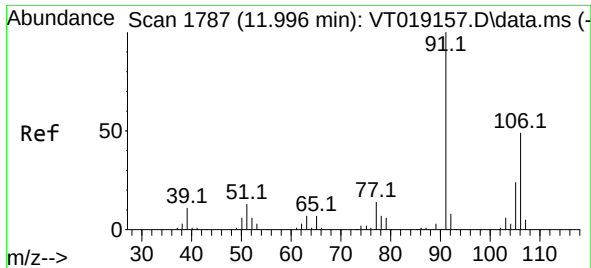
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
Ethyl Benzene
Concen: 17.327 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 91 Resp: 115209
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7





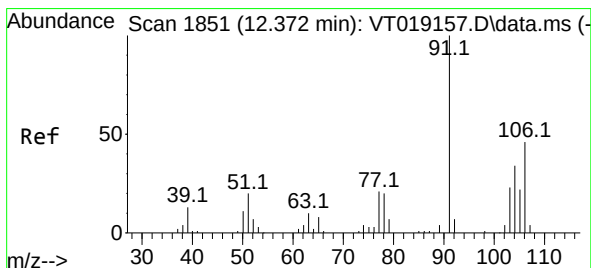
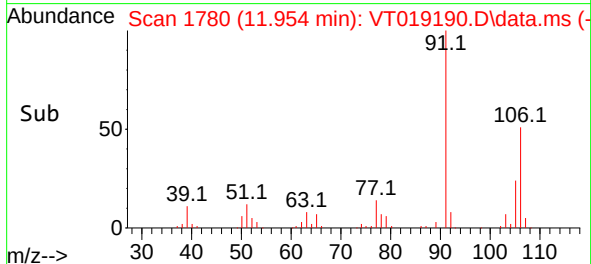
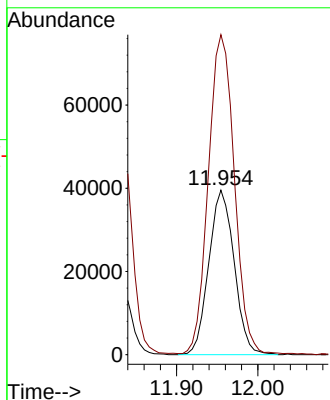
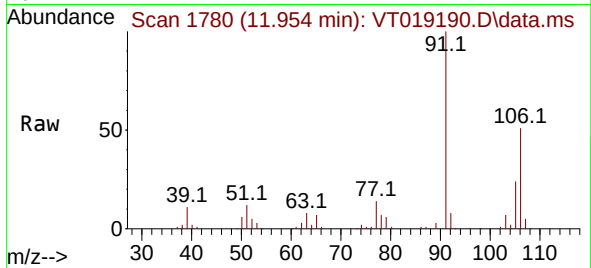
#67
m/p-Xylenes
Concen: 34.738 ug/l
RT: 11.954 min Scan# 11
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 85862
Ion Ratio Lower Upper
106 100
91 199.8 164.4 246.6

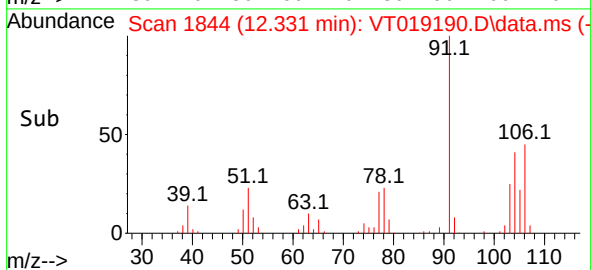
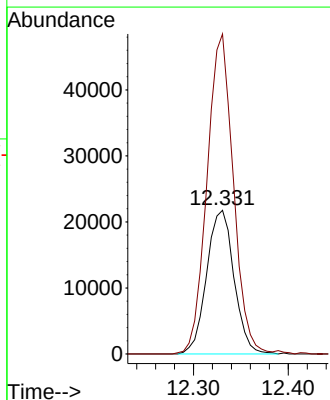
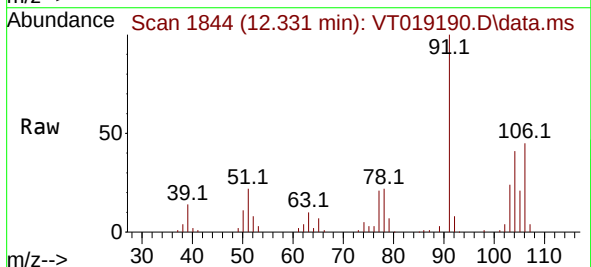
Manual Integrations
APPROVED

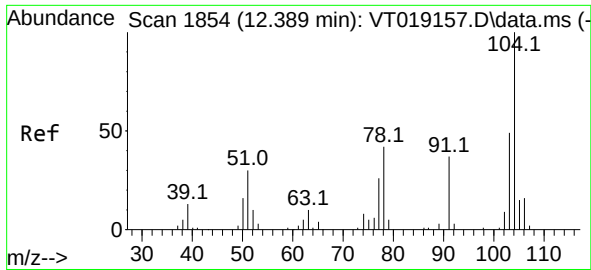
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
o-Xylene
Concen: 17.119 ug/l
RT: 12.331 min Scan# 1844
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:106 Resp: 43675
Ion Ratio Lower Upper
106 100
91 213.4 111.3 333.8





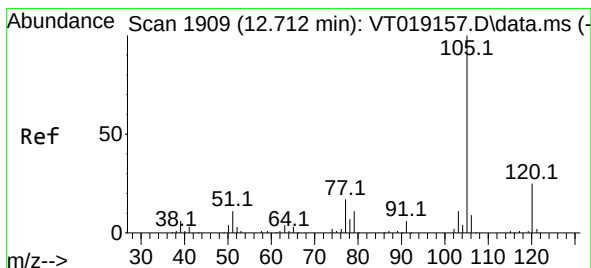
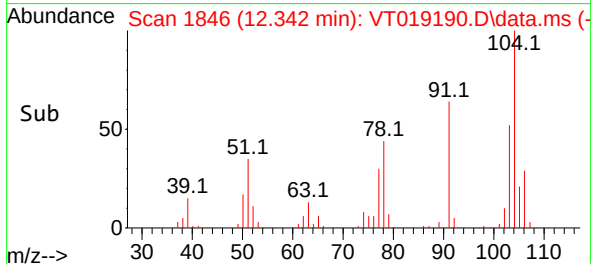
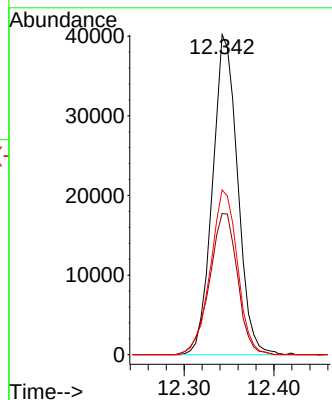
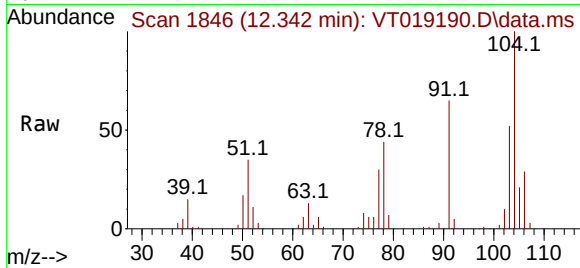
#69
Styrene
Concen: 17.011 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 7791
Ion Ratio Lower Upper
104 100
78 49.1 42.6 63.8
103 55.4 43.5 65.3

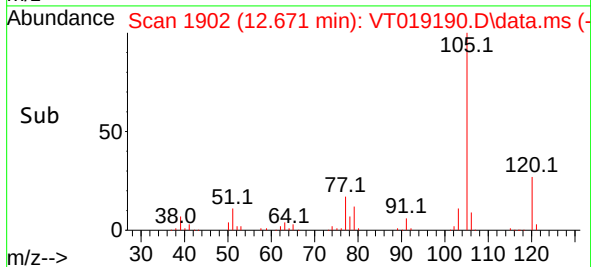
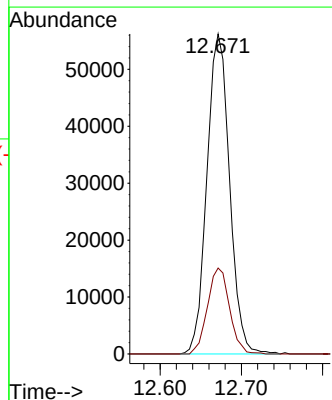
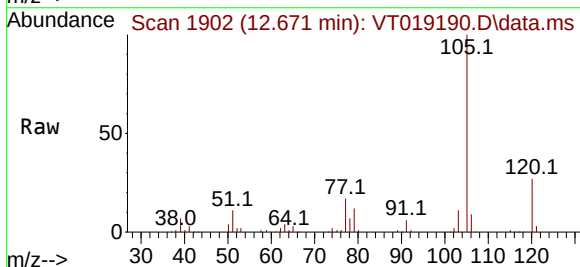
Manual Integrations
APPROVED

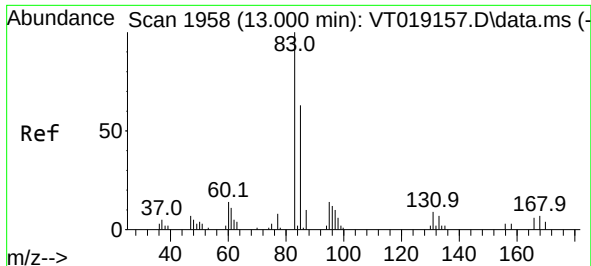
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Isopropylbenzene
Concen: 17.395 ug/l
RT: 12.671 min Scan# 1902
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

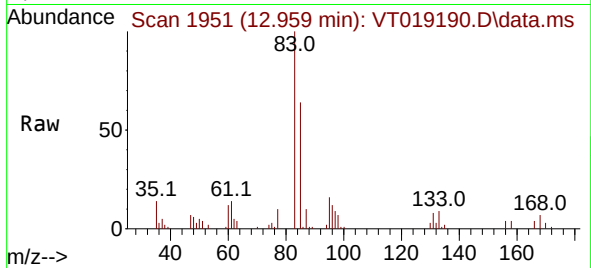
Tgt Ion:105 Resp: 108853
Ion Ratio Lower Upper
105 100
120 26.1 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 17.735 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

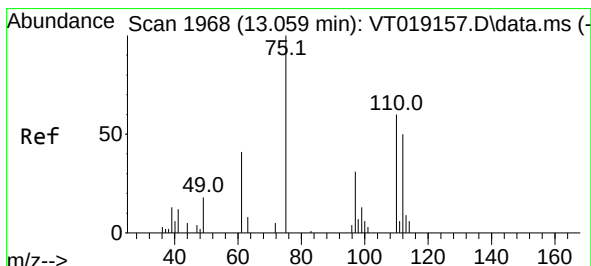
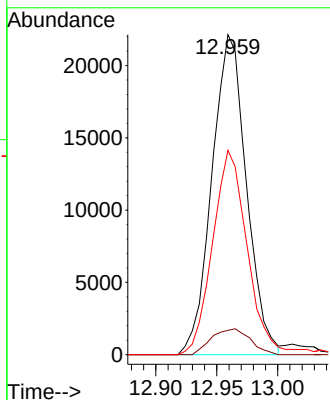
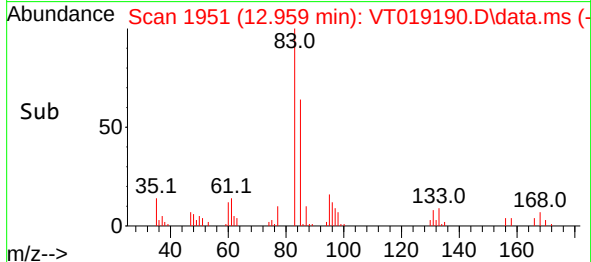
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 4354
Ion Ratio Lower Upper
83 100
131 9.1 6.0 18.0
85 63.4 32.3 96.9

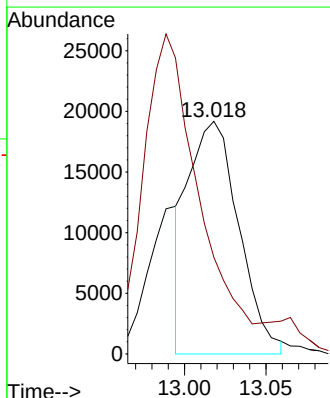
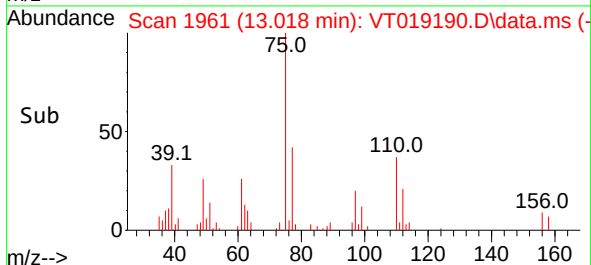
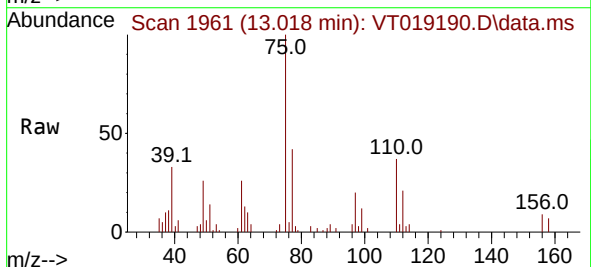
Manual Integrations
APPROVED

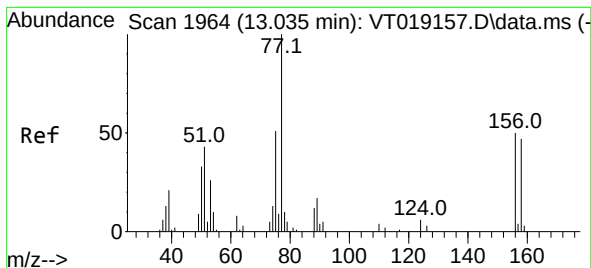
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#72
1,2,3-Trichloropropane
Concen: 22.809 ug/l m
RT: 13.018 min Scan# 1961
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 75 Resp: 41339
Ion Ratio Lower Upper
75 100
77 8.2 0.0 74.2





#73

Bromobenzene

Concen: 17.480 ug/l

RT: 12.989 min Scan# 1956

Delta R.T. -0.046 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

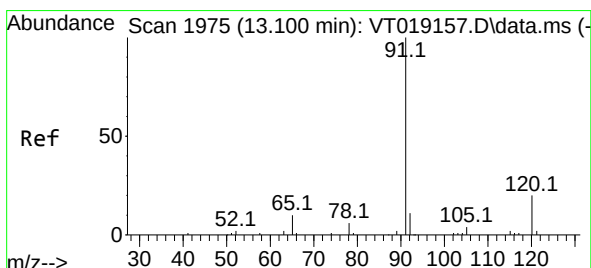
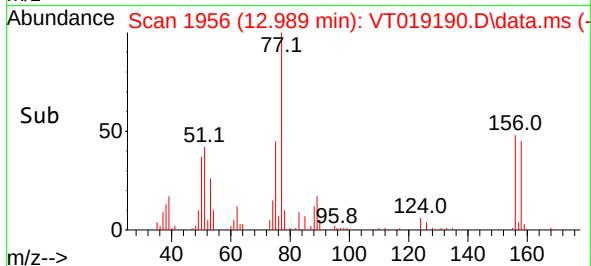
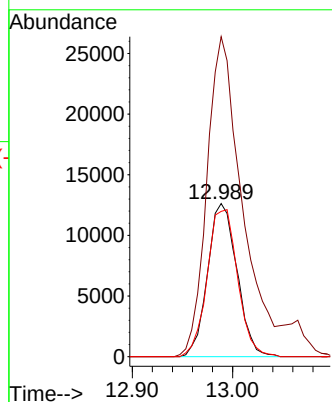
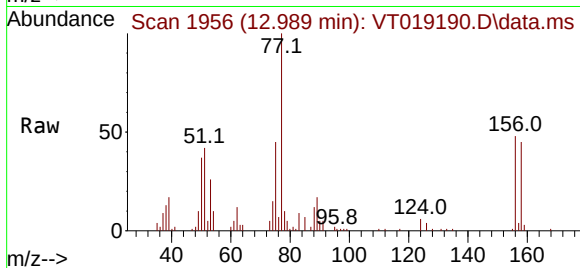
Tgt Ion:	156	Resp:	2572
Ion Ratio	Lower	Upper	
156	100		
77	246.6	0.0	340.8
158	99.5	0.0	189.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#74

n-propylbenzene

Concen: 17.528 ug/l

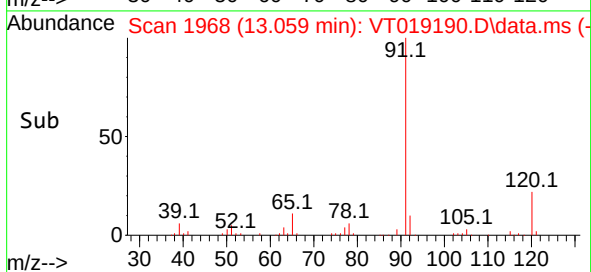
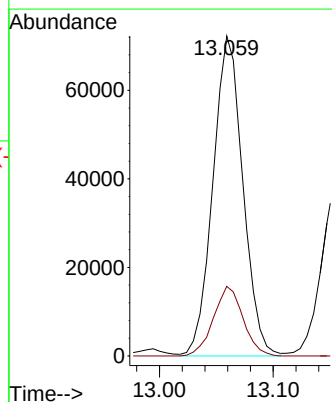
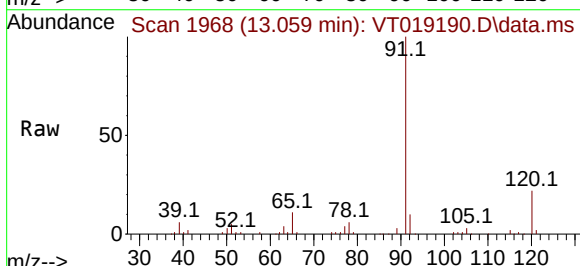
RT: 13.059 min Scan# 1968

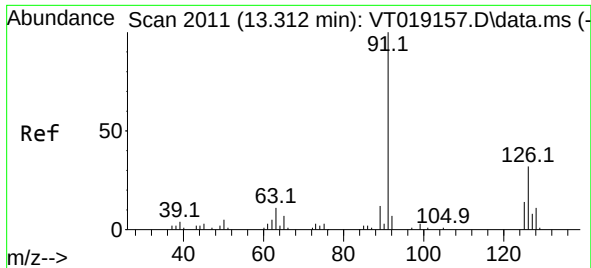
Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Tgt Ion:	91	Resp:	132267
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	44.4





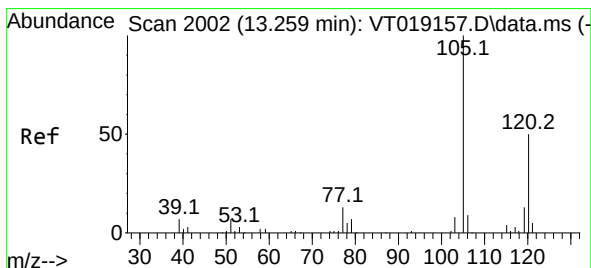
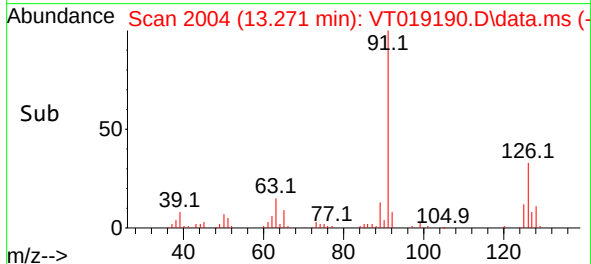
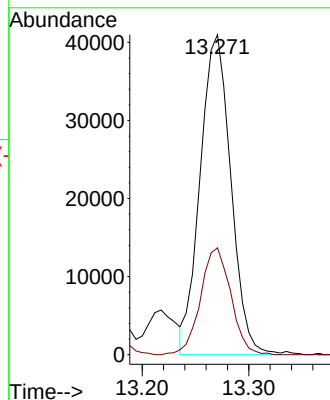
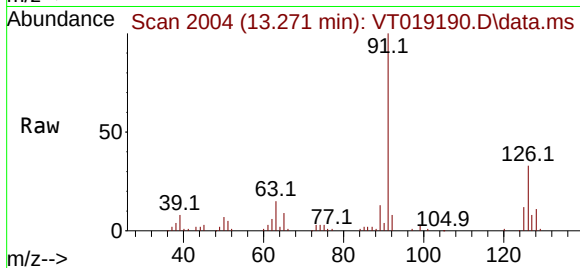
#75
2-Chlorotoluene
Concen: 17.731 ug/l
RT: 13.271 min Scan# 2011
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 81908
Ion Ratio Lower Upper
91 100
126 33.0 0.0 63.6

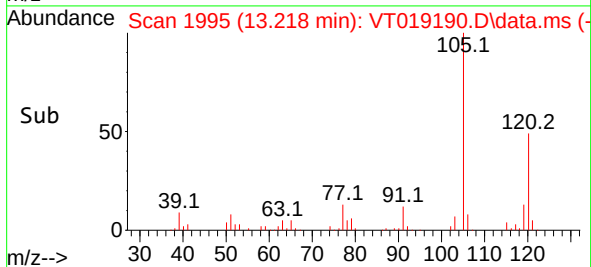
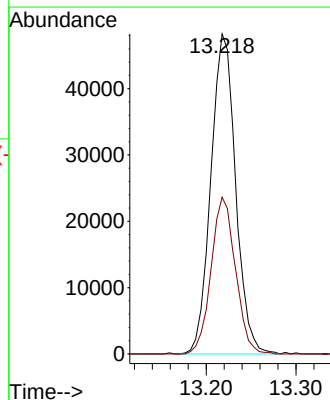
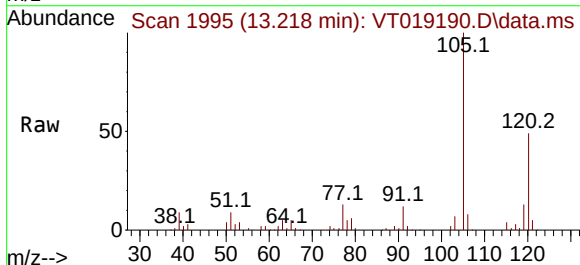
Manual Integrations
APPROVED

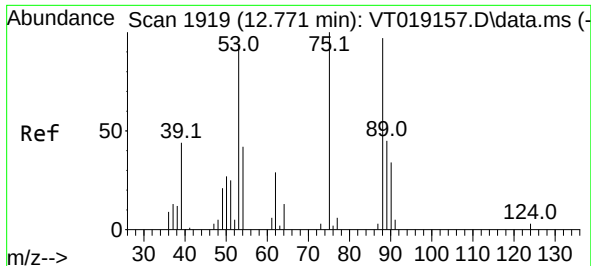
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.968 ug/l
RT: 13.218 min Scan# 1995
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

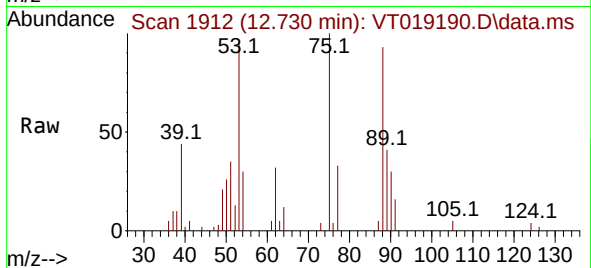
Tgt Ion:105 Resp: 92250
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.861 ug/l
RT: 12.730 min Scan# 1912
Delta R.T. -0.035 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

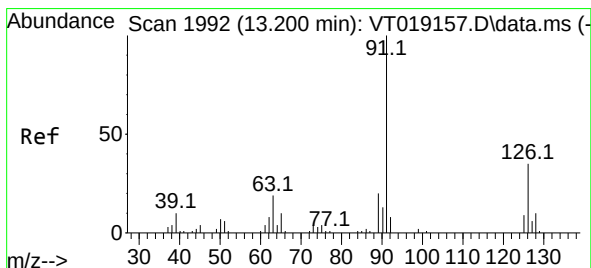
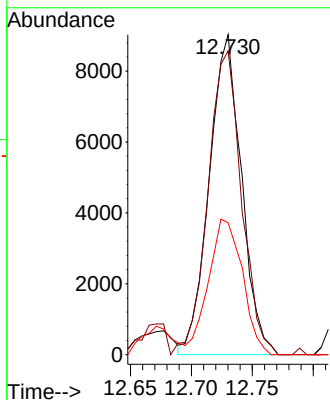
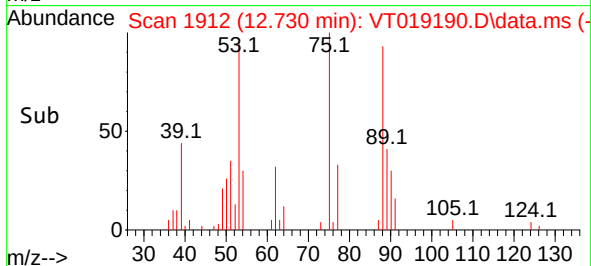
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 16610
Ion Ratio Lower Upper
75 100
53 94.9 48.4 145.2
89 41.2 33.8 101.3

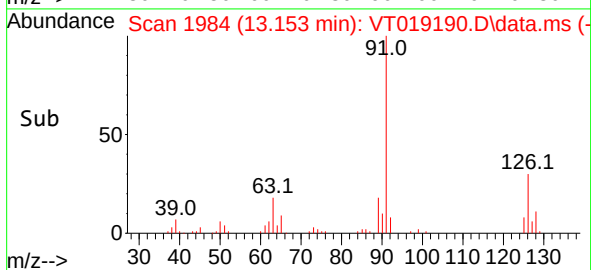
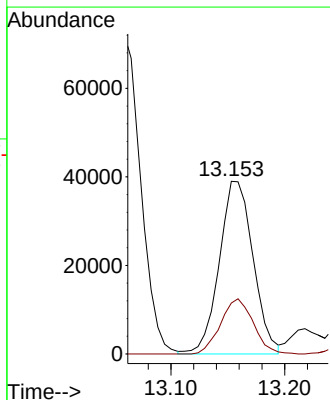
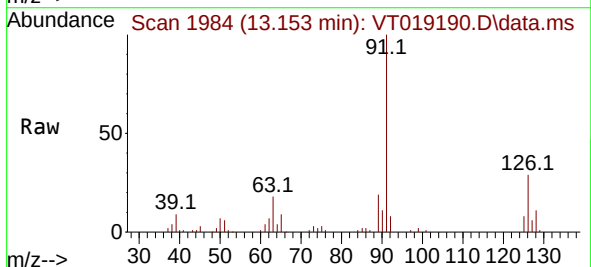
Manual Integrations
APPROVED

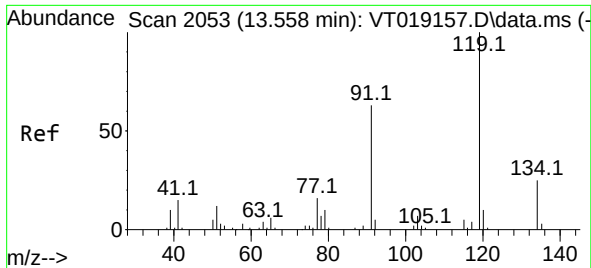
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#78
4-Chlorotoluene
Concen: 17.728 ug/l
RT: 13.153 min Scan# 1984
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

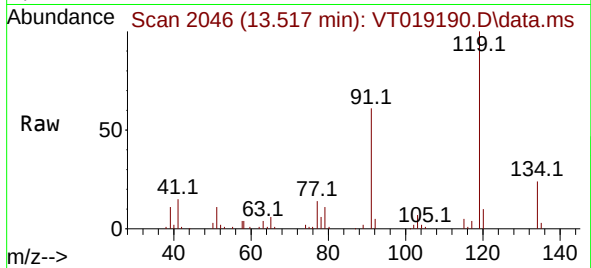
Tgt Ion: 91 Resp: 80784
Ion Ratio Lower Upper
91 100
126 30.8 0.0 57.2





#79
tert-butylbenzene
Concen: 17.804 ug/l m
RT: 13.517 min Scan# 2053
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

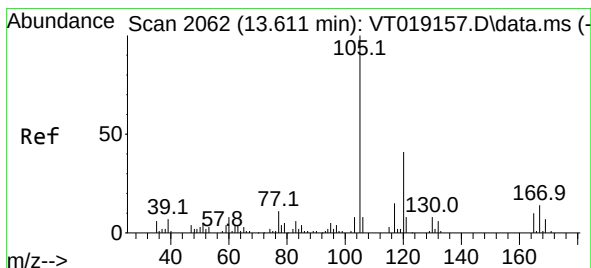
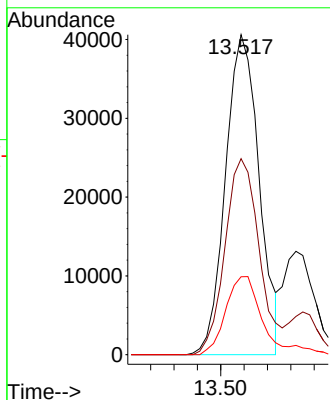
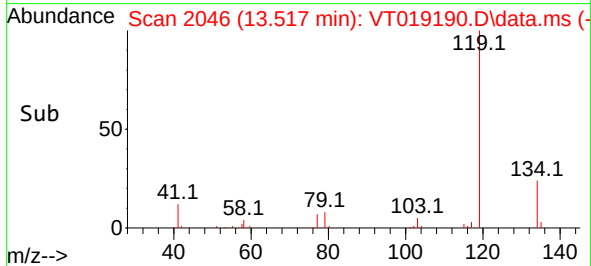
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



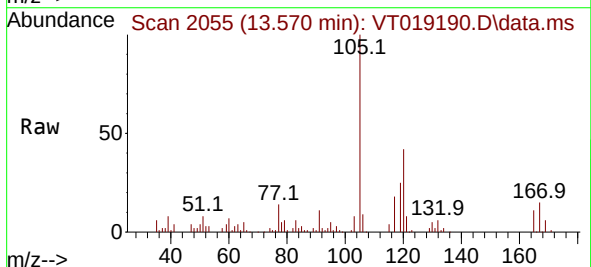
Tgt Ion:119 Resp: 81179
Ion Ratio Lower Upper
119 100
91 11.2 0.0 120.6
134 1.5 0.0 46.0

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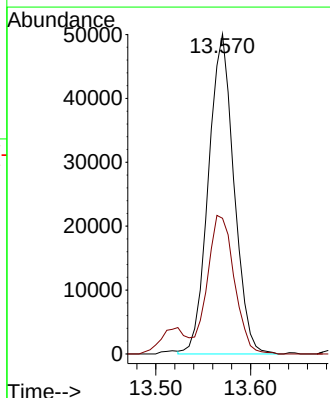
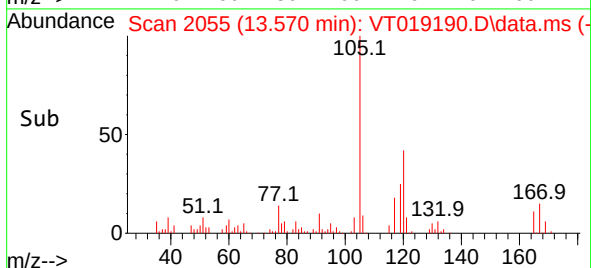
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

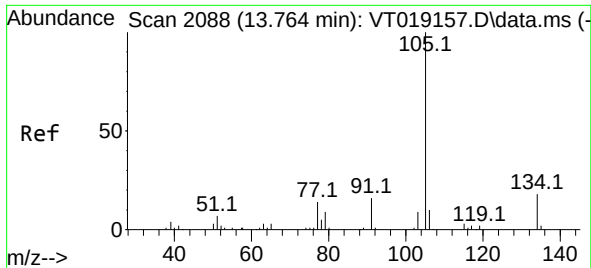


#80
1,2,4-Trimethylbenzene
Concen: 17.473 ug/l
RT: 13.570 min Scan# 2055
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



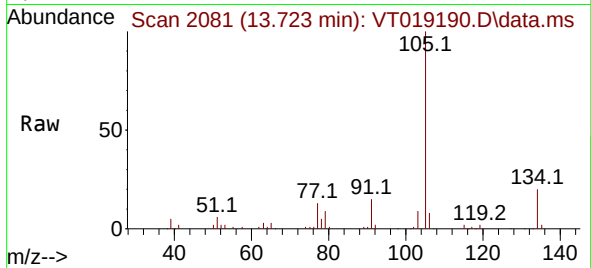
Tgt Ion:105 Resp: 93593
Ion Ratio Lower Upper
105 100
120 45.8 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 17.456 ug/l
 RT: 13.723 min Scan# 2088
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

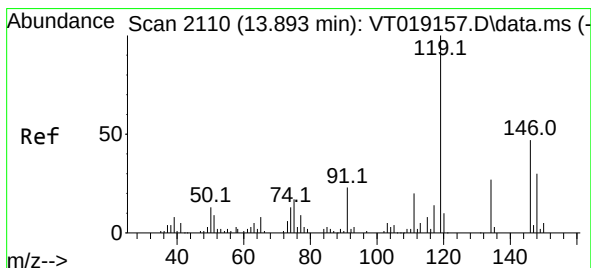
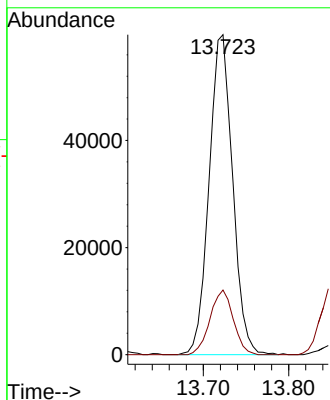
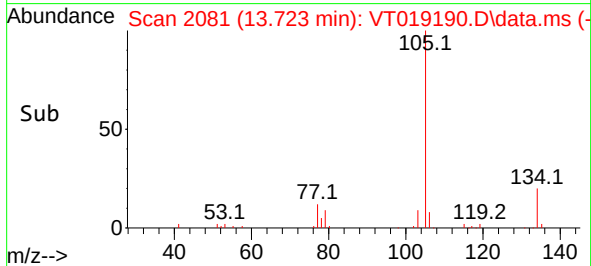
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC



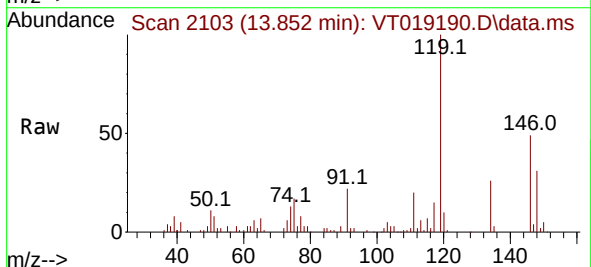
Tgt Ion:105 Resp: 114689
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

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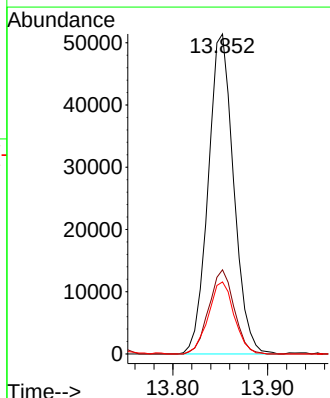
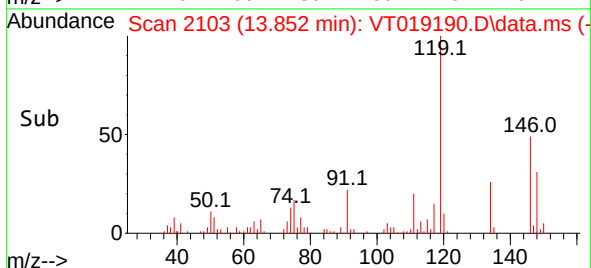
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

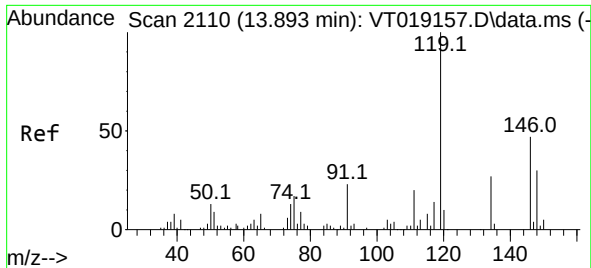


#82
 p-Isopropyltoluene
 Concen: 17.559 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48



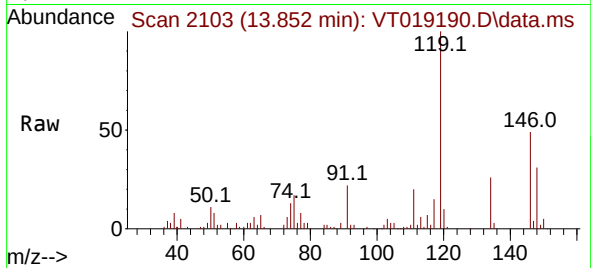
Tgt Ion:119 Resp: 95976
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 50.8
 91 22.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.100 ug/l
RT: 13.852 min Scan# 2110
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

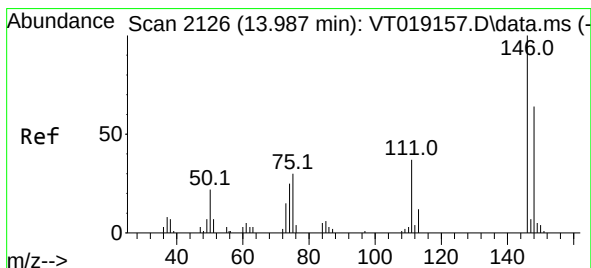
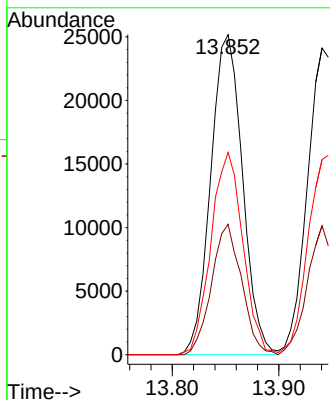
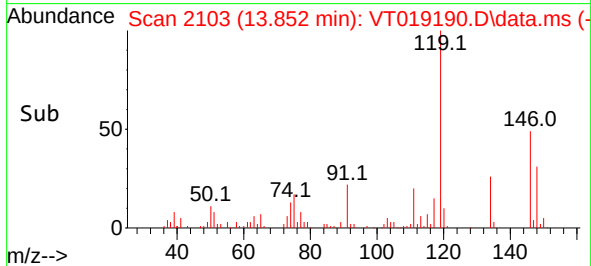
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



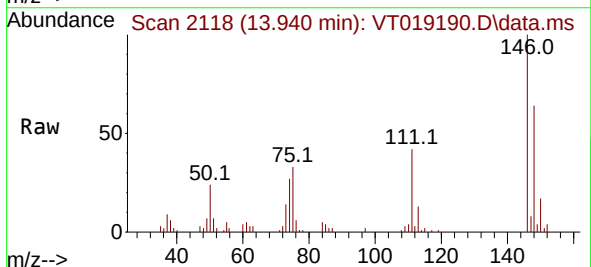
Tgt Ion:146 Resp: 5223
Ion Ratio Lower Upper
146 100
111 38.4 20.7 62.1
148 63.4 31.8 95.3

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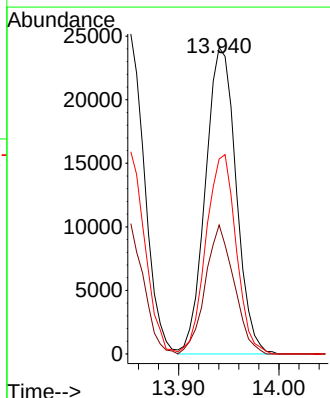
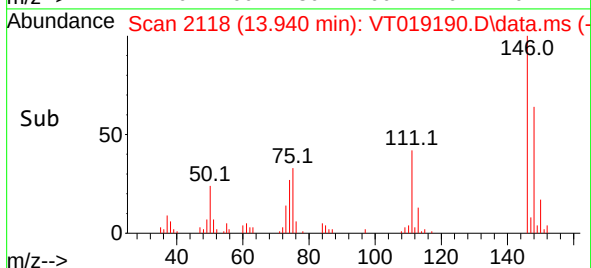
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

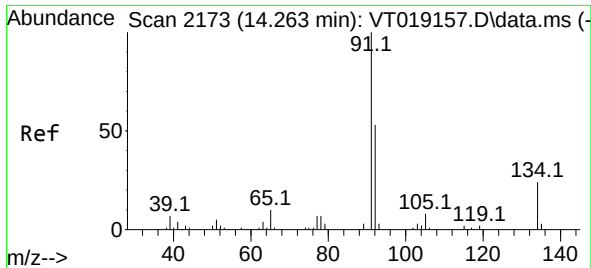


#84
1,4-Dichlorobenzene
Concen: 17.638 ug/l
RT: 13.940 min Scan# 2118
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



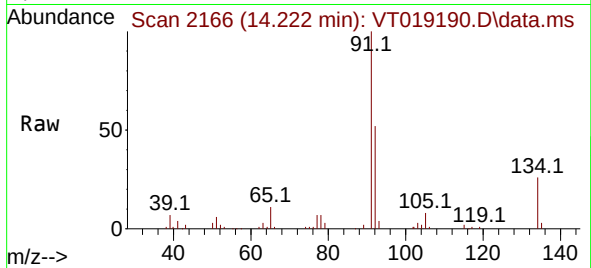
Tgt Ion:146 Resp: 51250
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.3
148 63.8 32.3 96.8





#85
n-Butylbenzene
Concen: 17.300 ug/l
RT: 14.222 min Scan# 2173
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

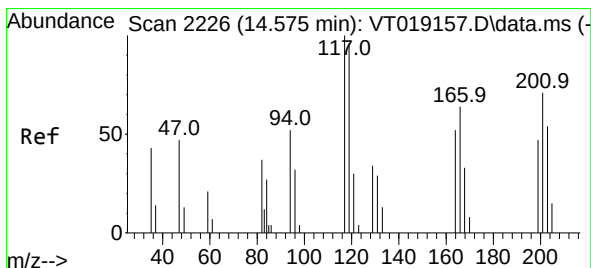
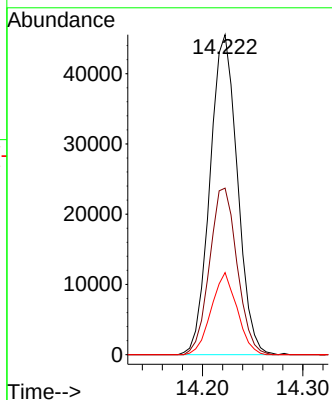
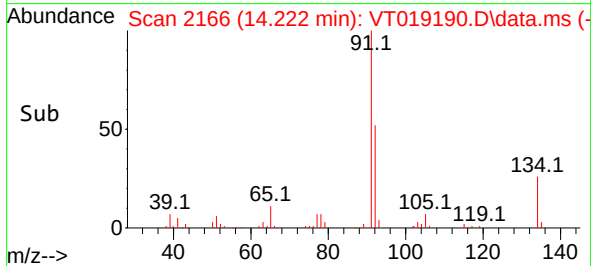
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 8654
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.8
134 24.2 0.0 50.0

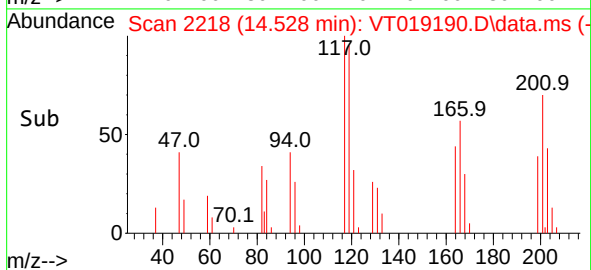
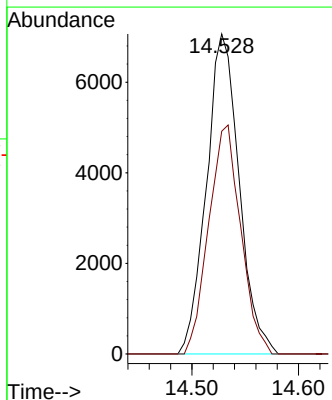
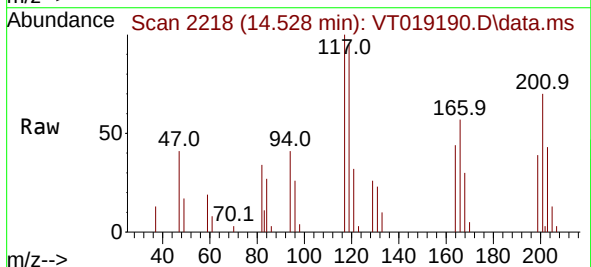
Manual Integrations
APPROVED

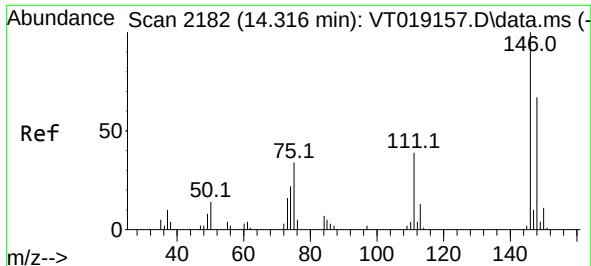
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#86
Hexachloroethane
Concen: 20.571 ug/l
RT: 14.528 min Scan# 2218
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:117 Resp: 15068
Ion Ratio Lower Upper
117 100
201 70.0 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 18.055 ug/l

RT: 14.275 min Scan# 2182

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 5205

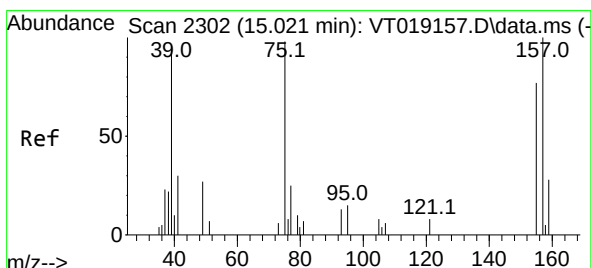
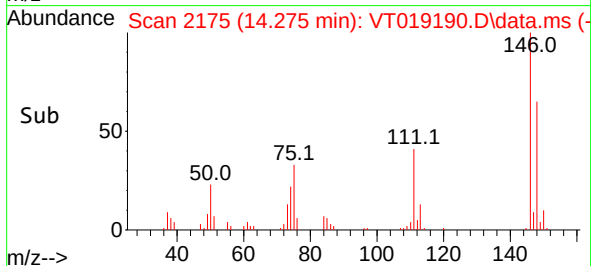
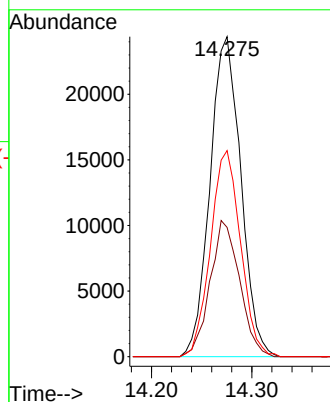
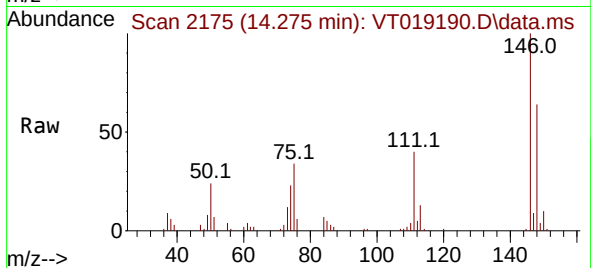
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.8	65.3
148	62.8	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.009 ug/l

RT: 14.975 min Scan# 2294

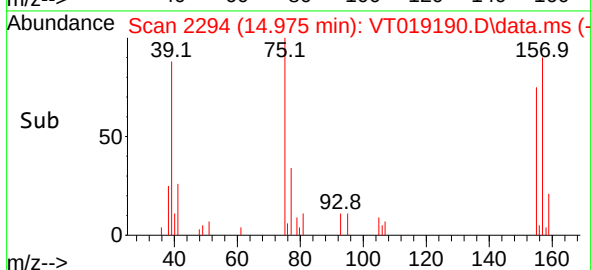
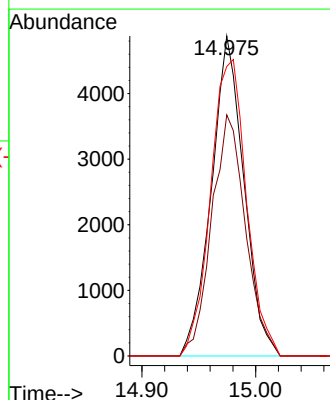
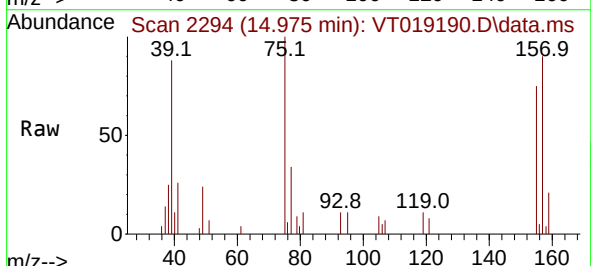
Delta R.T. -0.046 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Tgt Ion: 75 Resp: 9715

Ion	Ratio	Lower	Upper
75	100		
155	78.4	65.4	98.2
157	102.1	82.0	123.0





#89

1,2,4-Trichlorobenzene

Concen: 17.670 ug/l

RT: 15.756 min Scan# 2436

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

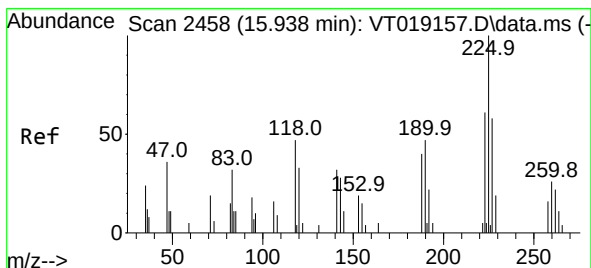
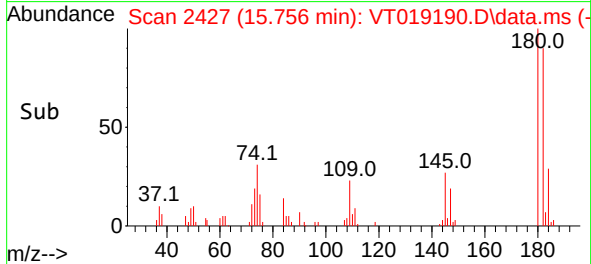
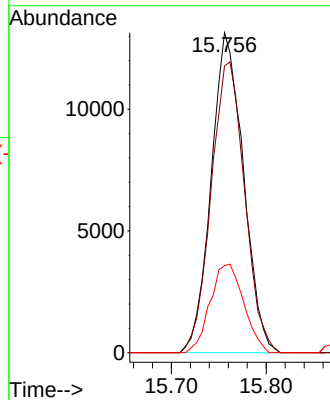
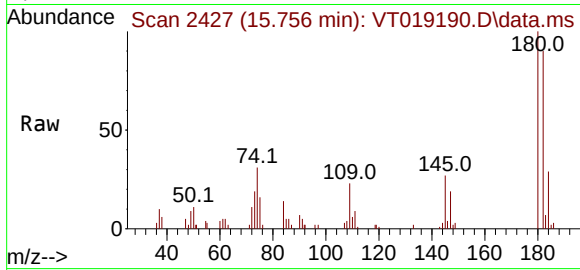
Tgt Ion:180	Resp:	3101
Ion Ratio	Lower	Upper
180	100	
182	94.3	78.2 117.2
145	28.8	26.5 39.7

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#90

Hexachlorobutadiene

Concen: 18.083 ug/l

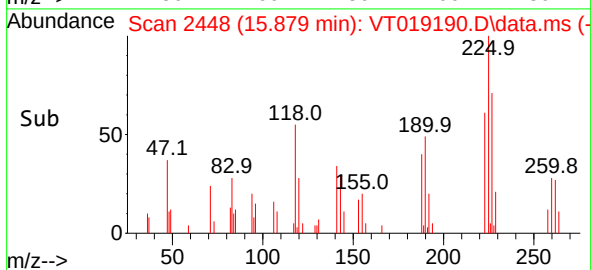
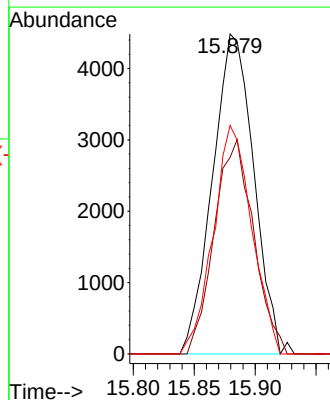
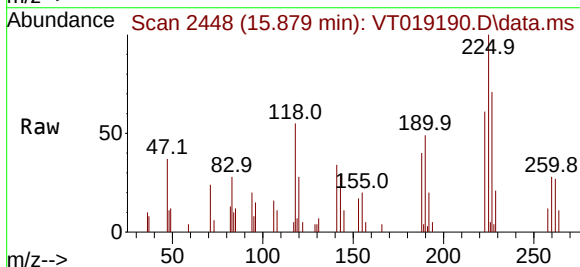
RT: 15.879 min Scan# 2448

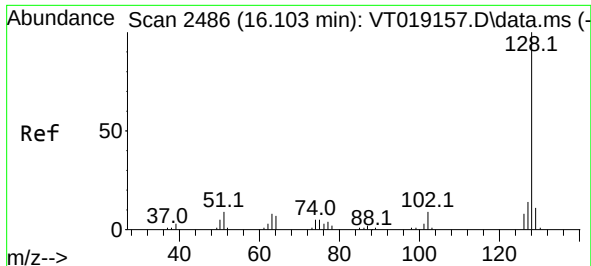
Delta R.T. -0.059 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

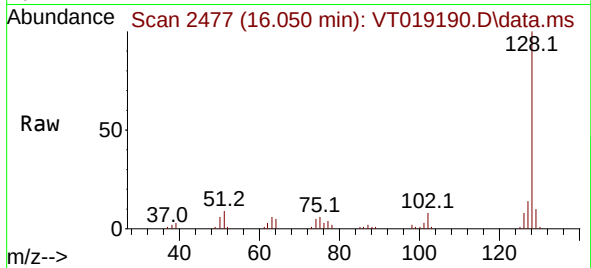
Tgt Ion:225	Resp:	10523
Ion Ratio	Lower	Upper
225	100	
223	64.2	0.0 73.8
227	66.9	0.0 130.6





#91
Naphthalene
Concen: 16.864 ug/l
RT: 16.050 min Scan# 2486
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

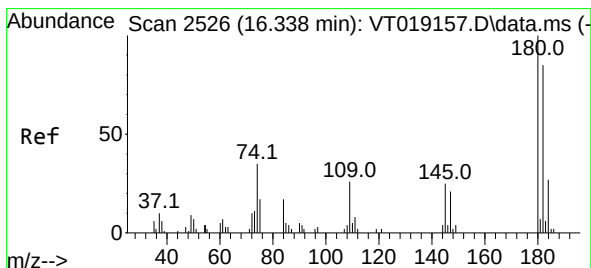
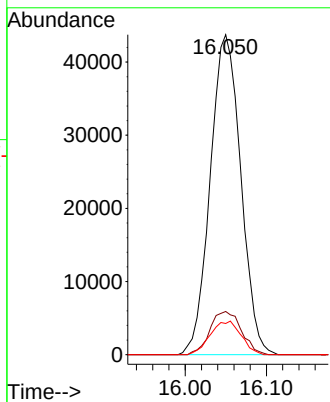
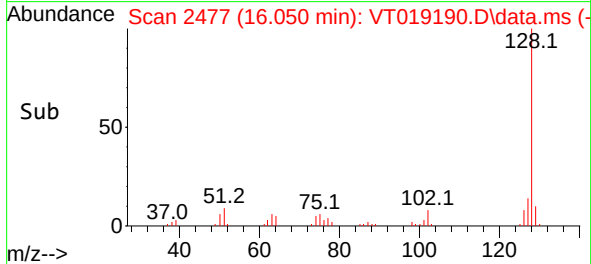
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



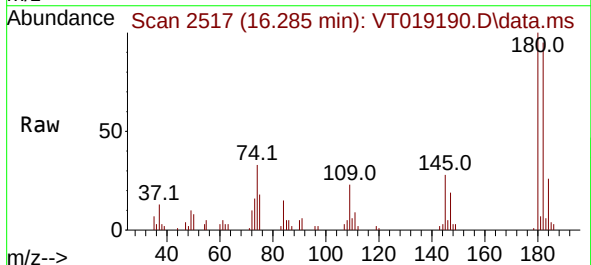
Tgt Ion:128 Resp: 11440
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.6 9.0 13.4

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: 17.742 ug/l
RT: 16.285 min Scan# 2517
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48



Tgt Ion:180 Resp: 31431
Ion Ratio Lower Upper
180 100
182 94.2 0.0 189.0
145 29.4 0.0 69.2

