

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 05:49:52 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	7.019	128	25817	30.000	ug/l	#-0.06
28) 1,4-Difluorobenzene	8.529	114	169980	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.708	117	138695	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	70305	31.083	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.600%			
60) 4-Bromofluorobenzene	12.836	95	63445	29.106	ug/l	-0.05
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.033%			
63) Toluene-d8	10.209	98	203637	30.166	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.567%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	13344	18.833	ug/l	99
3) Chloromethane	2.089	50	30031m	18.465	ug/l	
4) Vinyl Chloride	2.183	62	29847	16.421	ug/l	98
5) Bromomethane	2.530	94	25326	16.778	ug/l	96
6) Chloroethane	2.665	64	27165	16.946	ug/l	97
7) Trichlorofluoromethane	2.959	101	51833	17.584	ug/l	99
8) Diethyl Ether	3.323	74	31026	17.095	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.652	101	28991	25.051	ug/l	97
10) 1,1-Dichloroethene	3.629	96	28937	24.960	ug/l	95
11) Methyl Iodide	3.829	142	21393	18.936	ug/l #	8
12) Methyl Acetate	4.175	43	92297	20.132	ug/l	100
13) Acrolein	3.499	56	13890	89.834	ug/l	98
14) Acrylonitrile	4.786	53	127851	90.477	ug/l	99
15) Acetone	3.699	58	58861	116.914	ug/l	99
16) Carbon Disulfide	3.923	76	39154	18.083	ug/l	98
17) Allyl chloride	4.175	41	49544	17.978	ug/l	98
18) Methylene Chloride	4.381	84	33296	19.256	ug/l	97
19) trans-1,2-Dichloroethene	6.631	96	34889	19.560	ug/l	97
20) Diisopropyl ether	5.750	45	137222	19.560	ug/l #	65
21) 1,1-Dichloroethane	5.644	63	62270	18.996	ug/l	98
22) cis-1,2-Dichloroethene	6.631	96	34889	19.560	ug/l	97
23) tert-Butyl Alcohol	4.610	59	53476	86.379	ug/l #	100
24) Methyl tert-Butyl Ether	4.851	73	133213	19.122	ug/l	96
25) Chloroform	7.213	83	57423	19.150	ug/l	93
26) Cyclohexane	7.513	56	36852	19.157	ug/l #	99
29) 1,1-Dichloropropene	7.665	75	31843	17.903	ug/l	97
30) 2-Butanone	6.643	43	188438	85.952	ug/l	98
31) 2,2-Dichloropropane	6.631	77	50113	19.243	ug/l	93
32) 1,1,1-Trichloroethane	7.424	97	43455m	19.392	ug/l	
33) Carbon Tetrachloride	7.642	117	28803m	20.061	ug/l	
34) Benzene	7.930	78	121964m	18.508	ug/l	
35) Methacrylonitrile	6.990	41	38543m	20.655	ug/l	
36) 1,2-Dichloroethane	8.018	62	45790	18.744	ug/l	99
37) Trichloroethene	8.799	130	22624	18.662	ug/l	90
38) Methylcyclohexane	9.070	83	33877	18.913	ug/l	99
39) 1,2-Dichloropropane	9.117	63	31265m	18.115	ug/l	
40) Dibromomethane	9.216	93	19677	18.491	ug/l #	73
41) Bromodichloromethane	10.738	83	25001m	18.290	ug/l	
42) Vinyl Acetate	5.685	43	484222	90.022	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

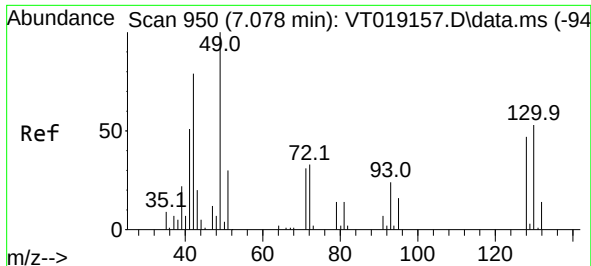
Manual Integrations
 APPROVED

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

Quant Time: Oct 28 05:49:52 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)
43) Ethyl Acetate	6.737	43	64877	18.002	ug/l	96
44) Isopropyl Acetate	8.071	43	104019	18.339	ug/l	98
45) 1,4-Dioxane	9.211	88	17670m	359.094	ug/l	
46) Methyl methacrylate	9.211	41	46024	18.147	ug/l	82
47) n-amyl Acetate	12.454	43	68435	17.929	ug/l	99
48) t-1,3-Dichloropropene	10.538	75	46636	18.803	ug/l	96
49) cis-1,3-Dichloropropene	9.922	75	49073	18.835	ug/l	96
50) 1,1,2-Trichloroethane	10.744	97	28692m	18.331	ug/l	
51) Ethyl methacrylate	10.591	69	54131	18.454	ug/l	95
52) 1,3-Dichloropropane	10.903	76	50878	18.200	ug/l	100
53) Dibromochloromethane	11.126	129	28126	19.264	ug/l #	2
54) 1,2-Dibromoethane	11.249	107	26224	18.014	ug/l	98
55) 2-Chloroethyl vinyl ether	9.763	63	77048	90.062	ug/l	98
56) Bromoform	12.530	173	19406	20.219	ug/l #	20
58) 4-Methyl-2-Pentanone	10.086	43	299561	88.195	ug/l	98
59) 2-Hexanone	10.086	43	299561m	88.195	ug/l	
61) Tetrachloroethene	10.820	164	17071	19.473	ug/l	96
62) Toluene	10.280	91	116279	18.718	ug/l	99
64) Chlorobenzene	11.737	112	69908	18.424	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.819	131	24053	19.460	ug/l	92
66) Ethyl Benzene	11.819	91	126861	18.790	ug/l	97
67) m/p-Xylenes	11.949	106	93020	37.063	ug/l	99
68) o-Xylene	12.319	106	46893	18.101	ug/l	97
69) Styrene	12.336	104	85192	18.317	ug/l	97
70) Isopropylbenzene	12.665	105	119861	18.863	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.953	83	45899	18.410	ug/l	96
72) 1,2,3-Trichloropropane	13.012	75	42752m	23.230	ug/l	
73) Bromobenzene	12.983	156	28271	18.920	ug/l	62
74) n-propylbenzene	13.053	91	145011m	18.926	ug/l	
75) 2-Chlorotoluene	13.259	91	87225	18.596	ug/l	96
76) 1,3,5-Trimethylbenzene	13.212	105	100894	19.354	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	17746	19.845	ug/l	87
78) 4-Chlorotoluene	13.153	91	89188m	19.276	ug/l	
79) tert-butylbenzene	13.511	119	88132	19.035	ug/l	96
80) 1,2,4-Trimethylbenzene	13.559	105	101160	18.599	ug/l	98
81) sec-Butylbenzene	13.711	105	125161	18.761	ug/l	99
82) p-Isopropyltoluene	13.841	119	104495	18.828	ug/l	97
83) 1,3-Dichlorobenzene	13.841	146	55948m	19.092	ug/l	
84) 1,4-Dichlorobenzene	13.935	146	56828	19.261	ug/l	98
85) n-Butylbenzene	14.211	91	93823	18.471	ug/l	97
86) Hexachloroethane	14.522	117	16078	21.617	ug/l #	1
87) 1,2-Dichlorobenzene	14.269	146	55556	18.977	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.969	75	10122	18.479	ug/l	99
89) 1,2,4-Trichlorobenzene	15.750	180	33296	18.683	ug/l	97
90) Hexachlorobutadiene	15.868	225	11610	19.648	ug/l	82
91) Naphthalene	16.044	128	121262	17.604	ug/l	98
92) 1,2,3-Trichlorobenzene	16.273	180	33694	18.731	ug/l	98

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



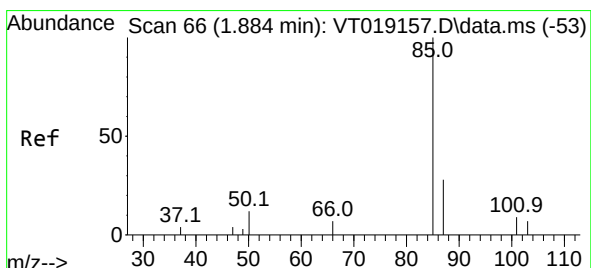
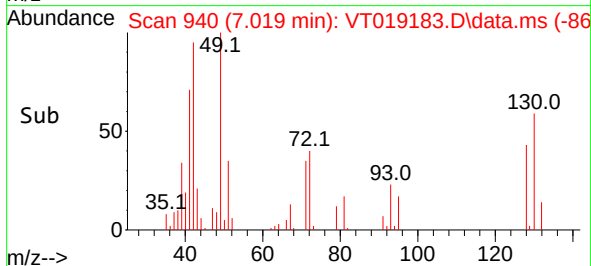
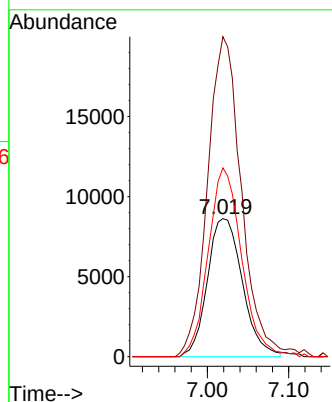
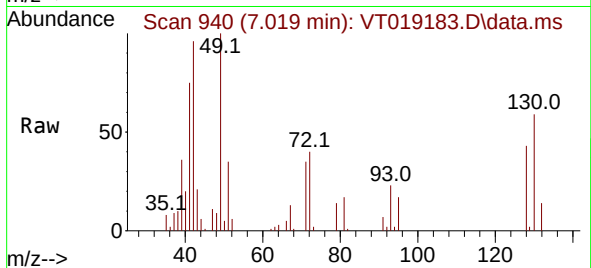
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.019 min Scan# 94
Delta R.T. -0.059 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 2581
Ion Ratio Lower Upper
128 100
49 222.3 0.0 0.0
130 130.5 0.0 0.0

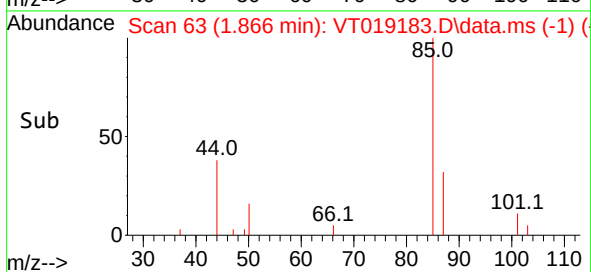
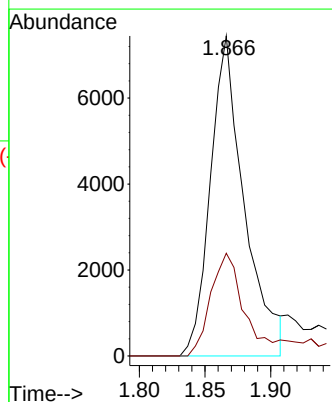
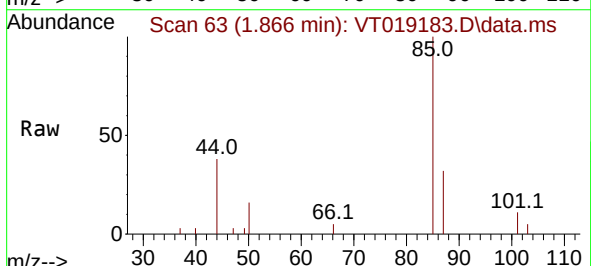
Manual Integrations
APPROVED

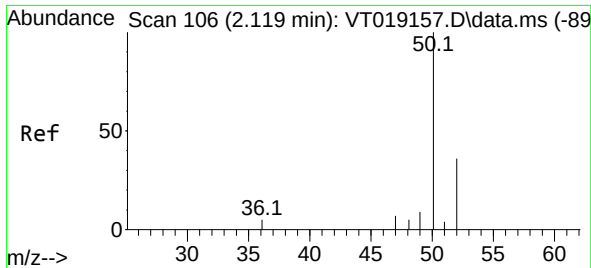
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#2
Dichlorodifluoromethane
Concen: 18.833 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 85 Resp: 13344
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.1





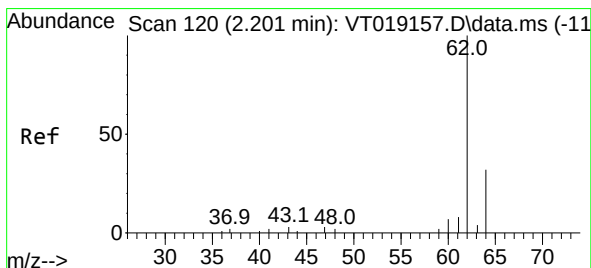
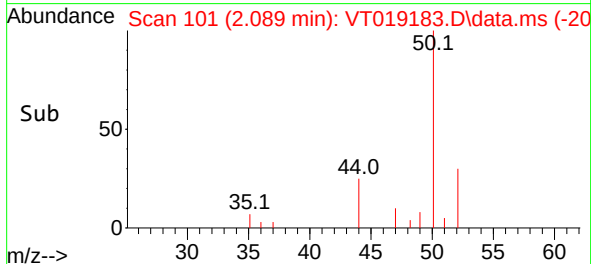
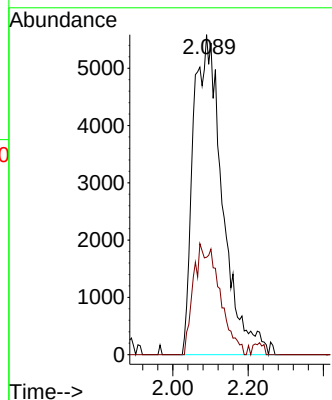
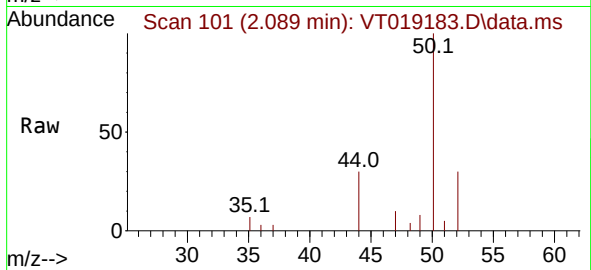
#3
Chloromethane
Concen: 18.465 ug/l m
RT: 2.089 min Scan# 110
Delta R.T. -0.024 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 3003
Ion Ratio Lower Upper
50 100
52 30.5 24.4 36.6

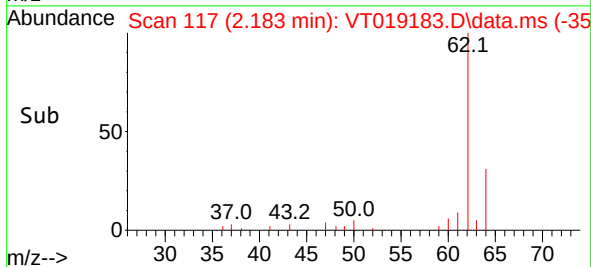
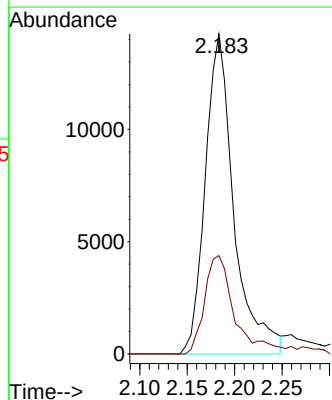
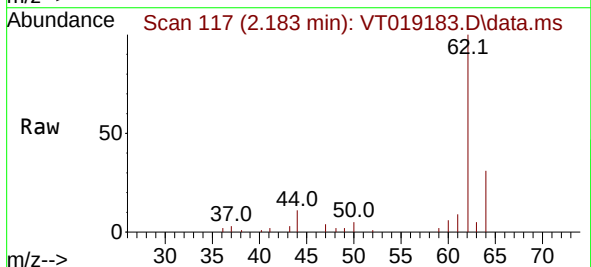
Manual Integrations
APPROVED

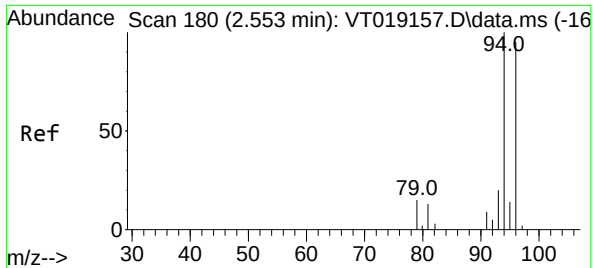
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 16.421 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 62 Resp: 29847
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5





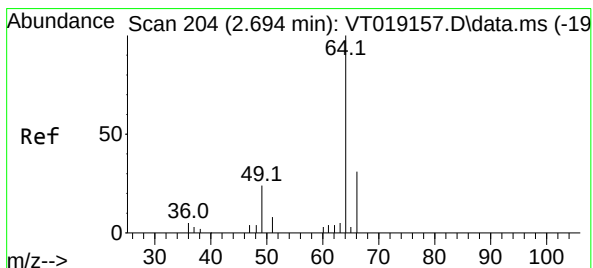
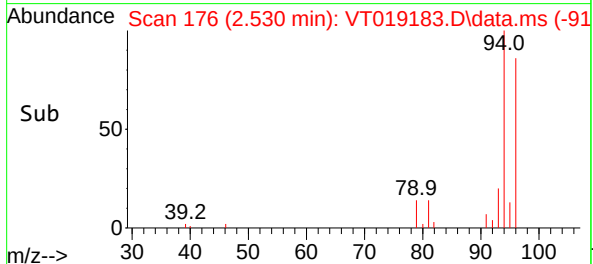
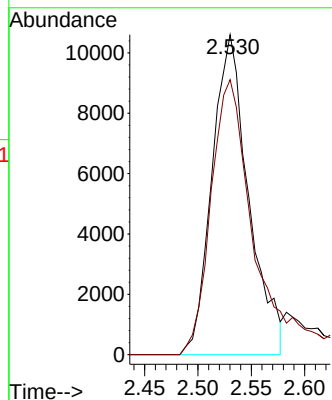
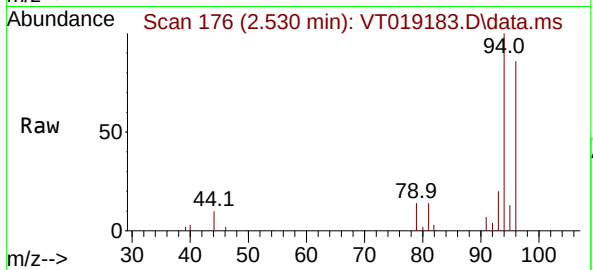
#5
Bromomethane
Concen: 16.778 ug/l
RT: 2.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 25320
Ion Ratio Lower Upper
94 100
96 85.9 66.0 99.0

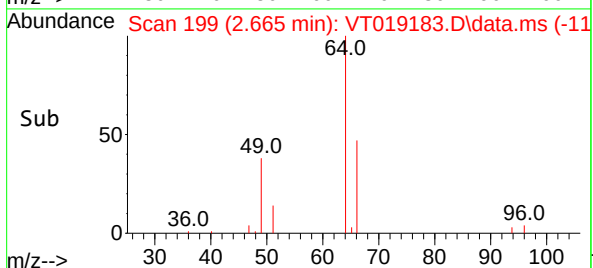
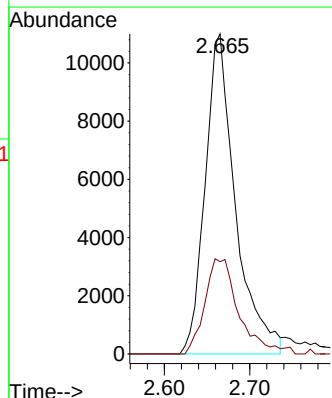
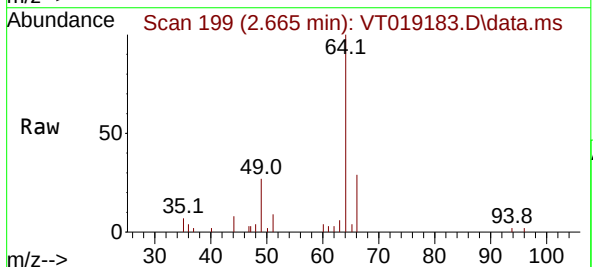
Manual Integrations
APPROVED

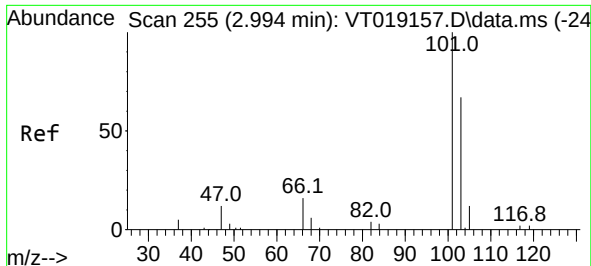
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#6
Chloroethane
Concen: 16.946 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

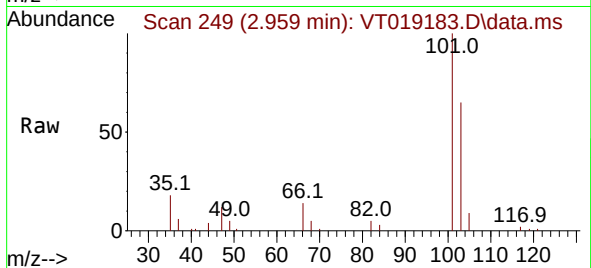
Tgt Ion: 64 Resp: 27165
Ion Ratio Lower Upper
64 100
66 28.8 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 17.584 ug/l
 RT: 2.959 min Scan# 249
 Delta R.T. -0.023 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

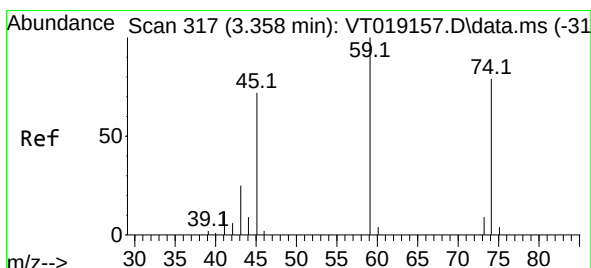
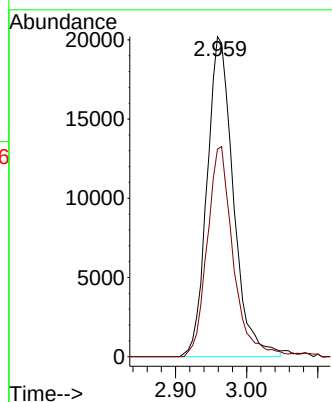
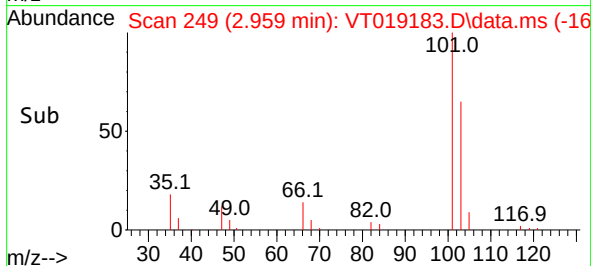
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020



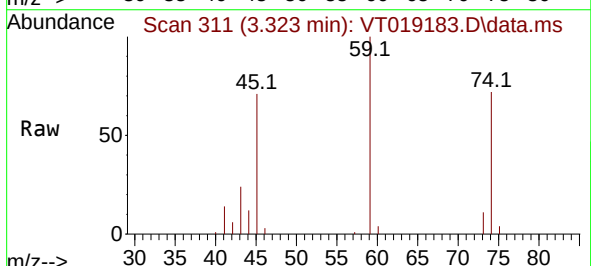
Tgt Ion:101 Resp: 5183
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6

Manual Integrations
 APPROVED

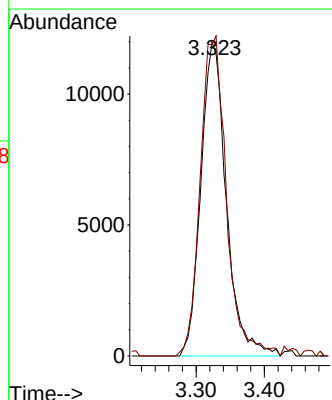
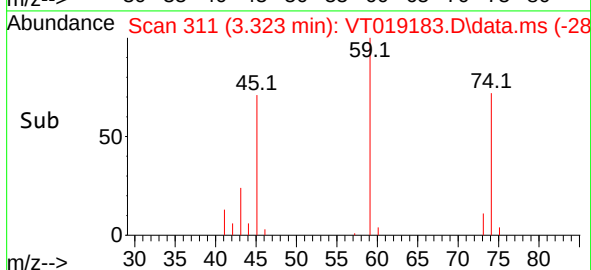
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

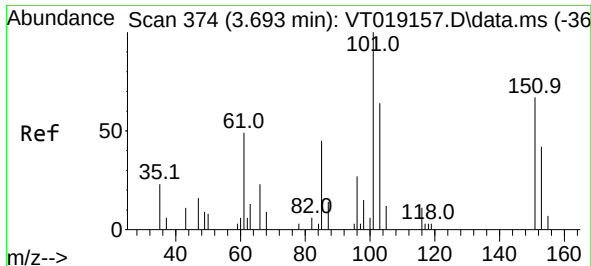


#8
 Diethyl Ether
 Concen: 17.095 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. -0.035 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36



Tgt Ion: 74 Resp: 31026
 Ion Ratio Lower Upper
 74 100
 45 104.3 22.0 197.6





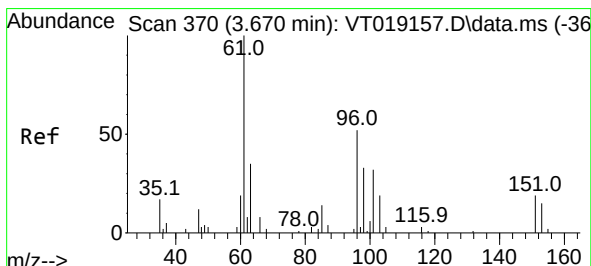
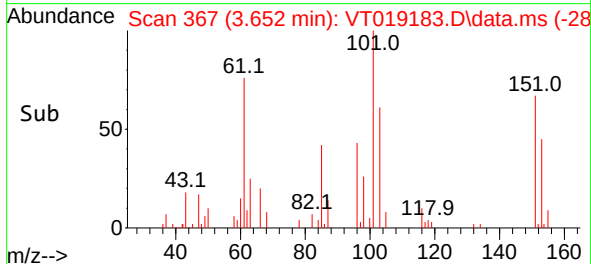
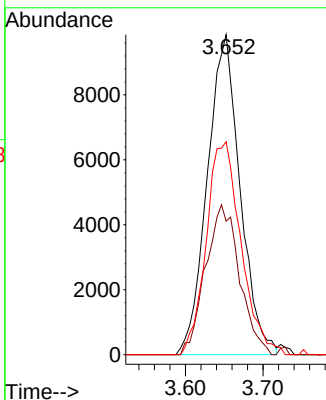
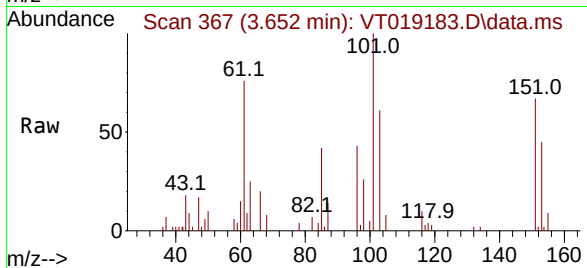
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.051 ug/l
RT: 3.652 min Scan# 30
Delta R.T. -0.030 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 2899
Ion Ratio Lower Upper
101 100
85 48.6 0.0 91.8
151 70.4 0.0 137.2

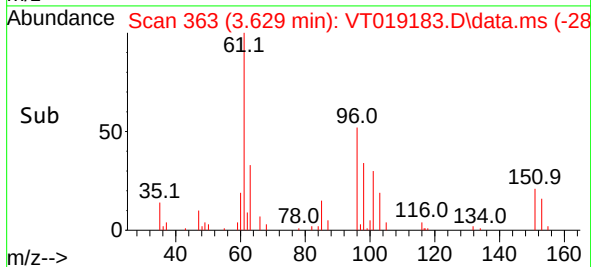
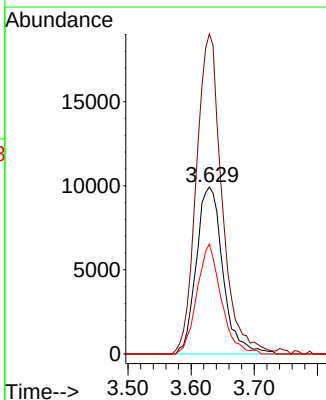
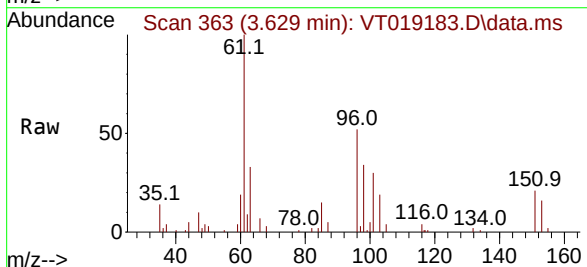
Manual Integrations
APPROVED

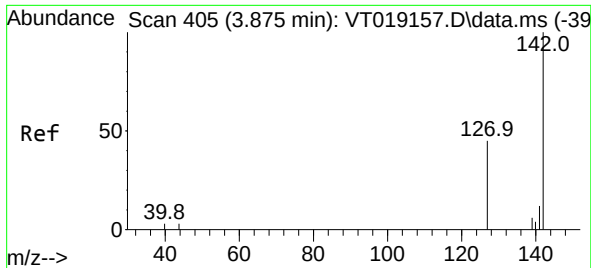
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
1,1-Dichloroethene
Concen: 24.960 ug/l
RT: 3.629 min Scan# 363
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

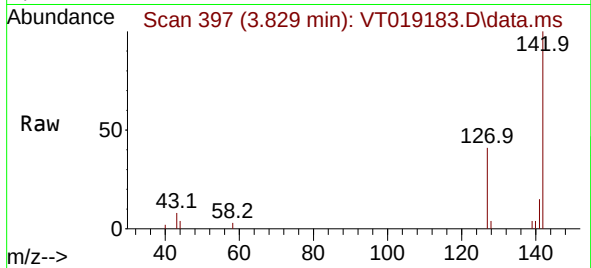
Tgt Ion: 96 Resp: 28937
Ion Ratio Lower Upper
96 100
61 189.9 145.5 218.3
98 65.8 49.5 74.3





#11
Methyl Iodide
Concen: 18.936 ug/l
RT: 3.829 min Scan# 397
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

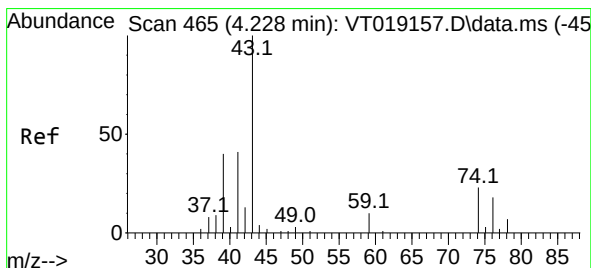
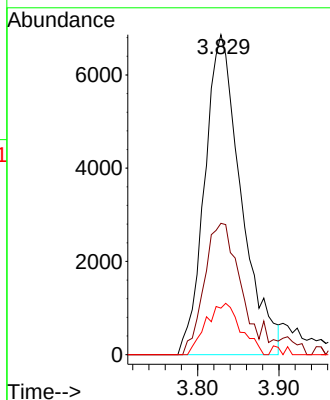
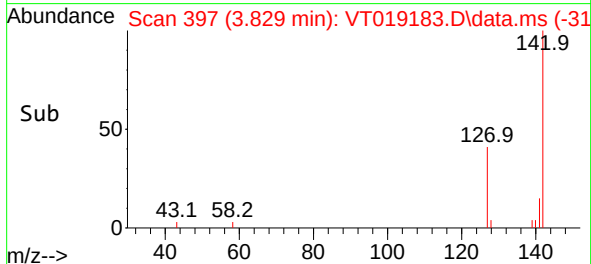
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 2139
Ion Ratio Lower Upper
142 100
127 40.8 0.9 2.8
141 14.0 55.5 166.5

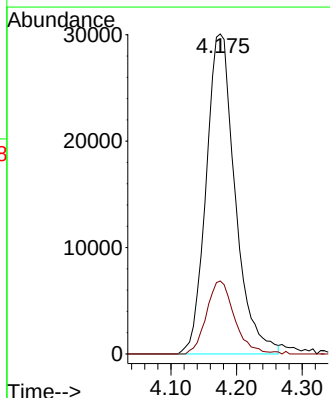
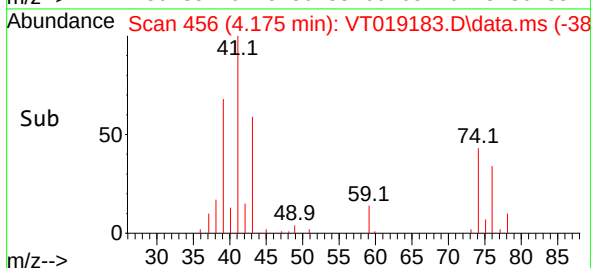
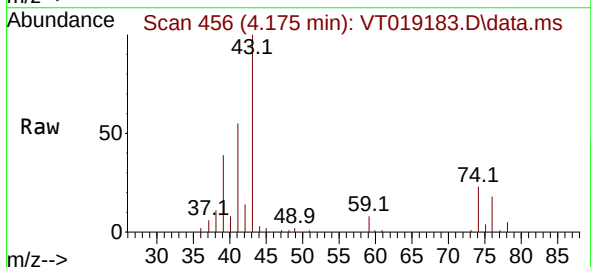
Manual Integrations
APPROVED

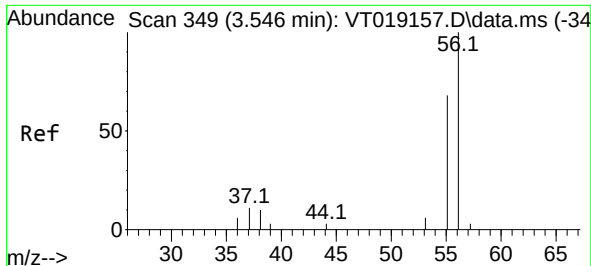
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
Methyl Acetate
Concen: 20.132 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 43 Resp: 92297
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6





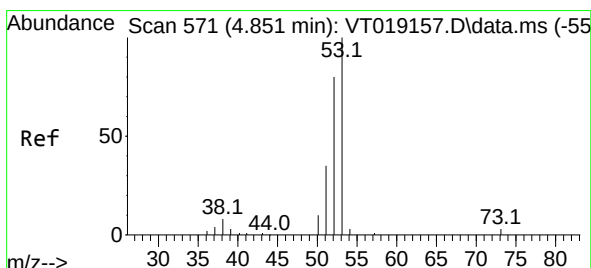
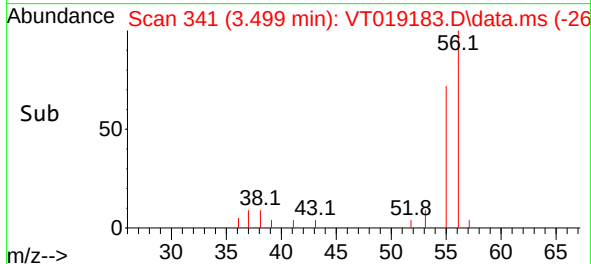
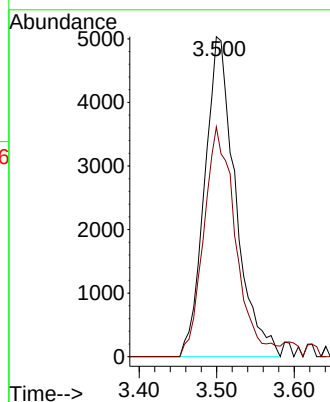
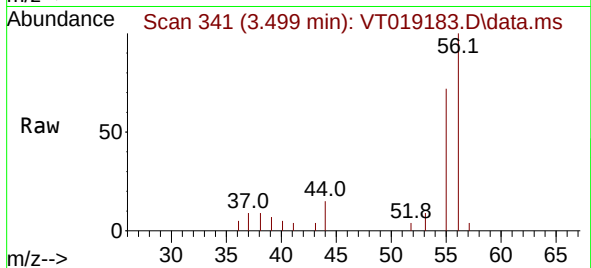
#13
Acrolein
Concen: 89.834 ug/l
RT: 3.499 min Scan# 34
Delta R.T. -0.046 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 13890
Ion Ratio Lower Upper
56 100
55 72.8 56.8 85.2

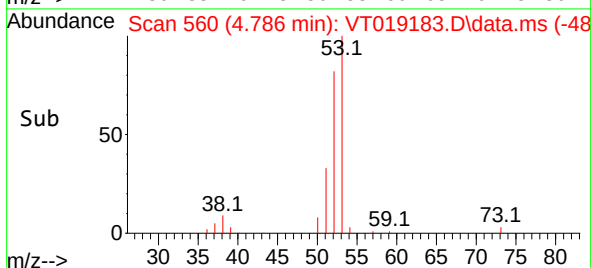
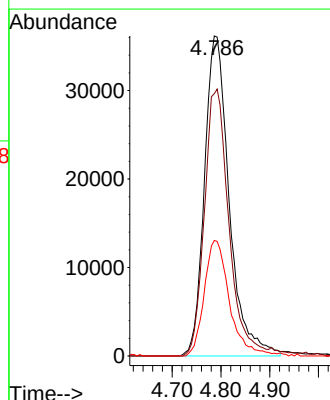
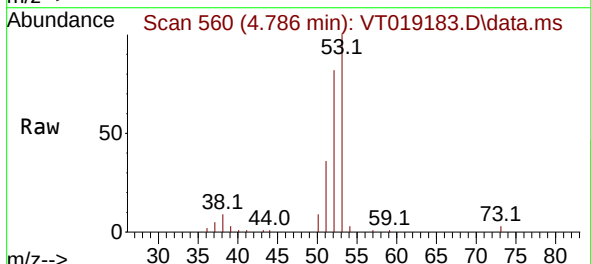
Manual Integrations
APPROVED

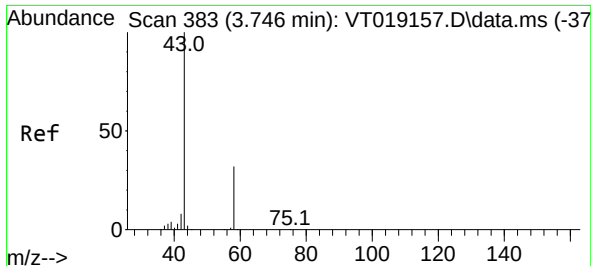
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Acrylonitrile
Concen: 90.477 ug/l
RT: 4.786 min Scan# 560
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 53 Resp: 127851
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 36.7 17.2 51.5





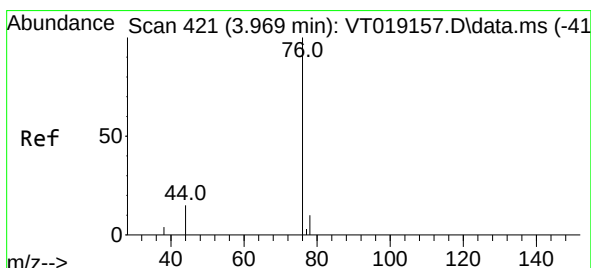
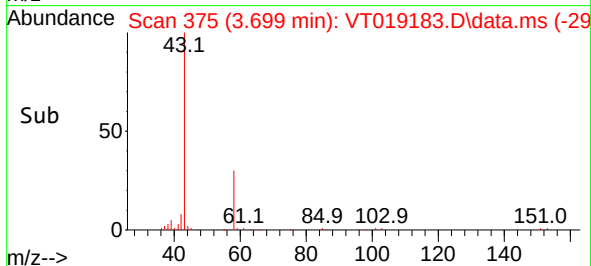
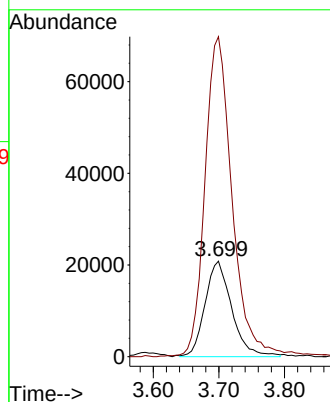
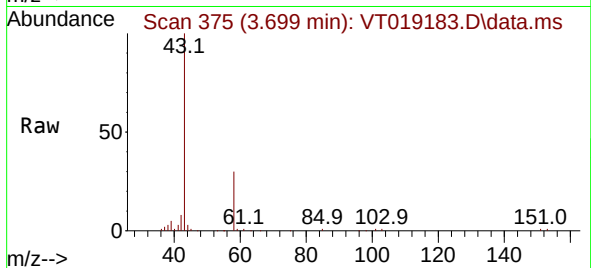
#15
Acetone
Concen: 116.914 ug/l
RT: 3.699 min Scan# 31
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 5886
Ion Ratio Lower Upper
58 100
43 336.3 266.9 400.3

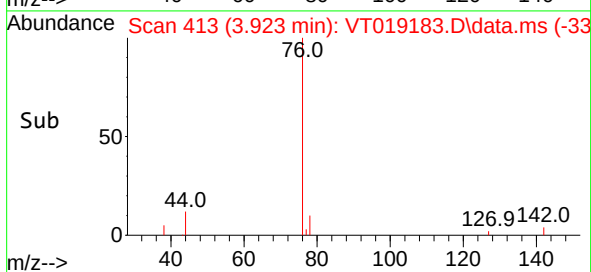
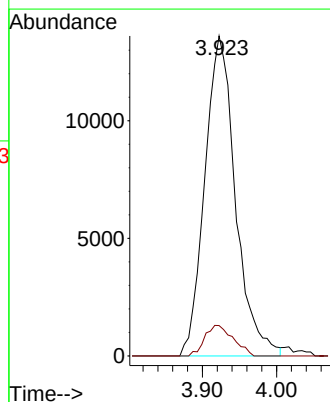
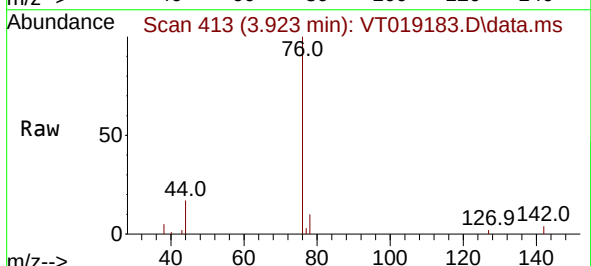
Manual Integrations
APPROVED

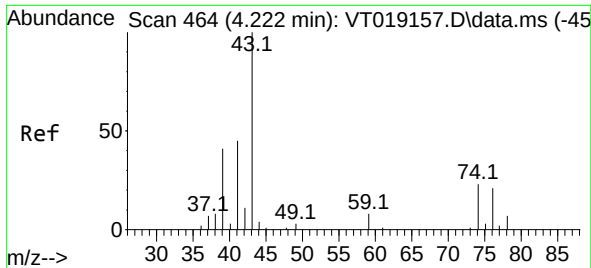
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Carbon Disulfide
Concen: 18.083 ug/l
RT: 3.923 min Scan# 413
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 76 Resp: 39154
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





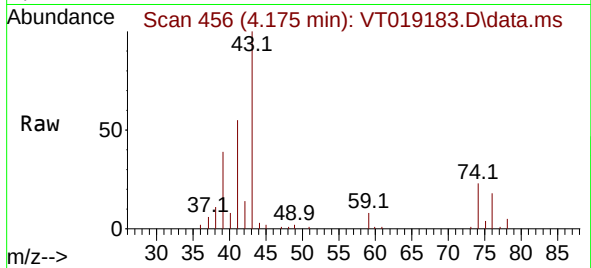
#17
 Allyl chloride
 Concen: 17.978 ug/l
 RT: 4.175 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020



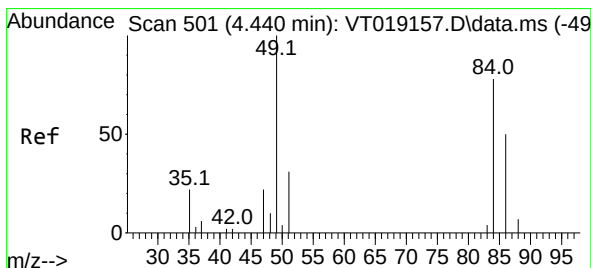
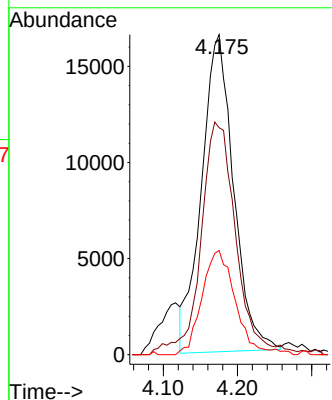
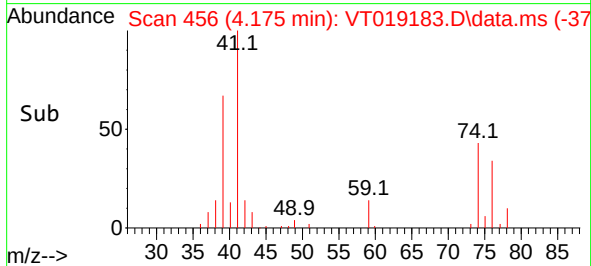
Tgt Ion: 41 Resp: 49544
 Ion Ratio Lower Upper
 41 100
 39 69.6 34.3 102.8
 76 32.3 16.7 50.0

Manual Integrations

APPROVED

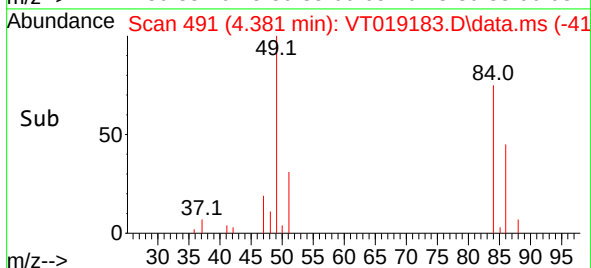
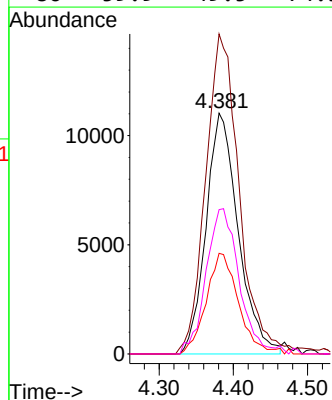
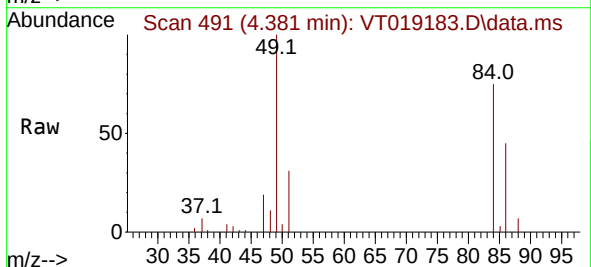
Reviewed By :Amit Patel 10/30/2025

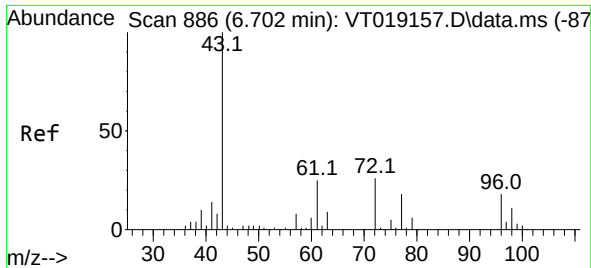
Supervised By :Mahesh Dadoda 10/30/2025



#18
 Methylene Chloride
 Concen: 19.256 ug/l
 RT: 4.381 min Scan# 491
 Delta R.T. -0.047 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

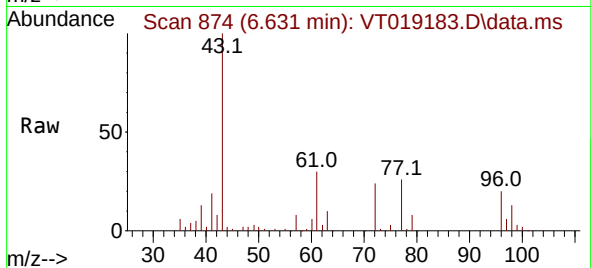
Tgt Ion: 84 Resp: 33296
 Ion Ratio Lower Upper
 84 100
 49 130.3 107.9 161.9
 51 41.8 33.4 50.2
 86 59.9 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 6.631 min Scan# 81
Delta R.T. -0.059 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

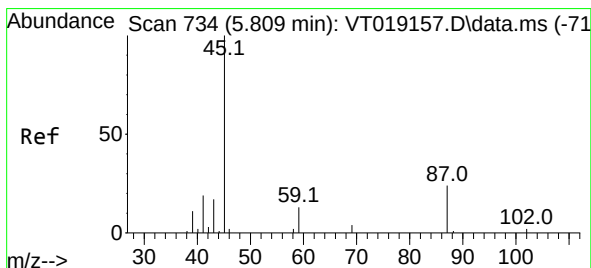
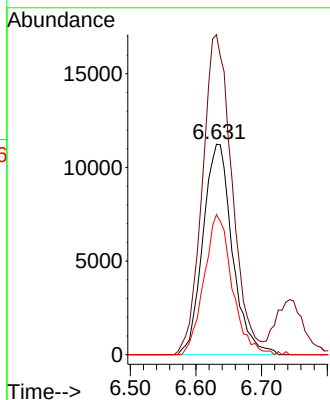
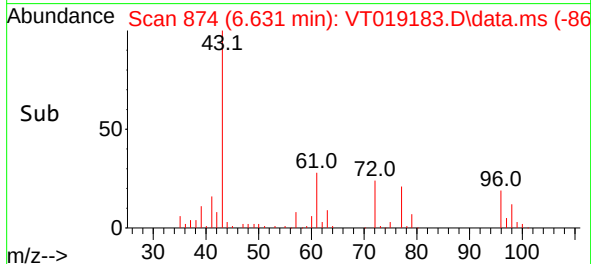
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 3488
Ion Ratio Lower Upper
96 100
61 150.5 122.3 183.5
98 66.5 50.2 75.2

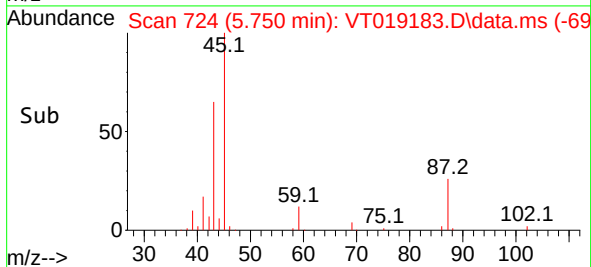
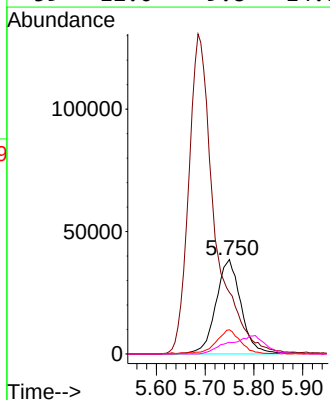
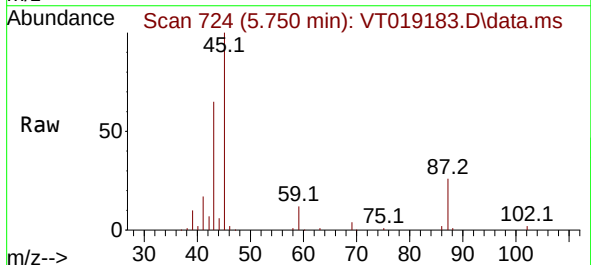
Manual Integrations
APPROVED

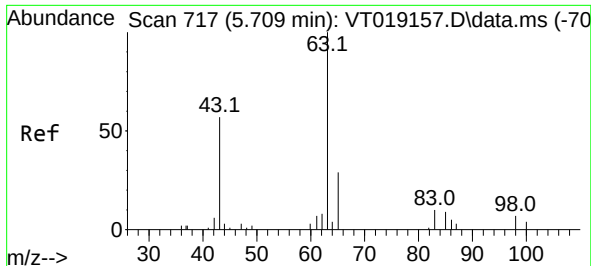
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Diisopropyl ether
Concen: 19.560 ug/l
RT: 5.750 min Scan# 724
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 45 Resp: 137222
Ion Ratio Lower Upper
45 100
43 61.8 89.1 133.7#
87 25.1 21.3 31.9
59 12.0 9.8 14.8





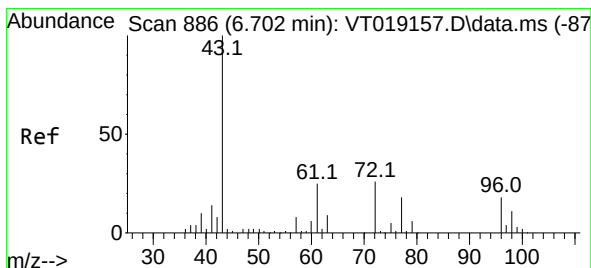
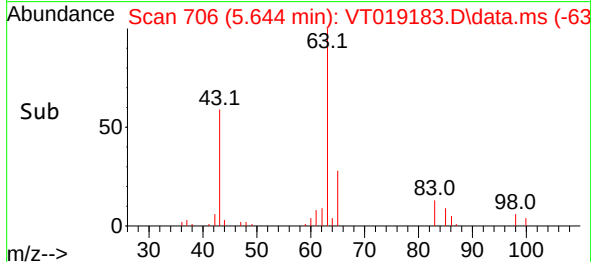
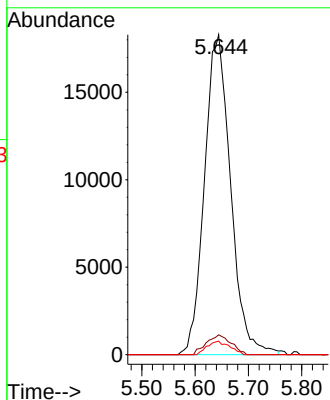
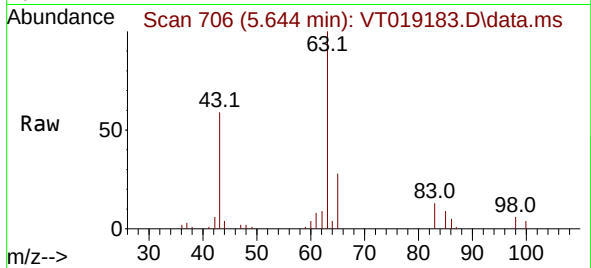
#21
1,1-Dichloroethane
Concen: 18.996 ug/l
RT: 5.644 min Scan# 706
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 62270
Ion Ratio Lower Upper
63 100
98 6.2 3.5 10.5
100 4.2 2.2 6.6

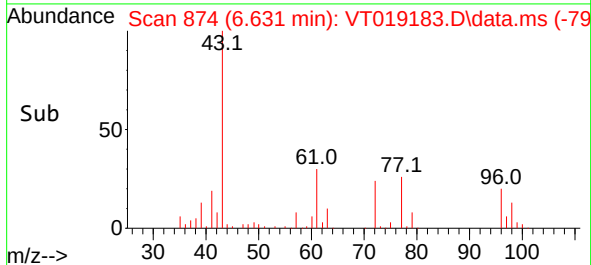
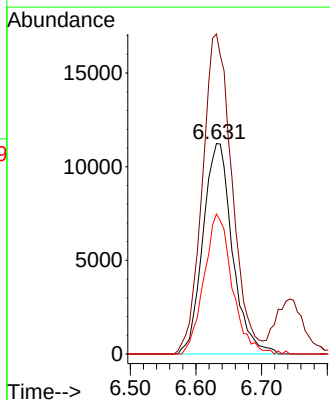
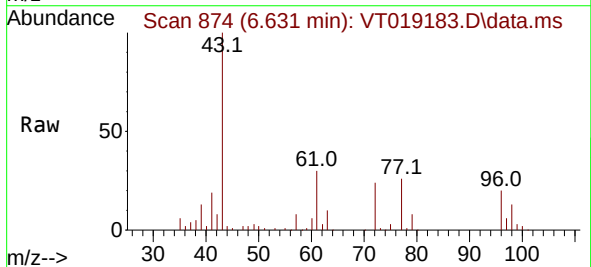
Manual Integrations
APPROVED

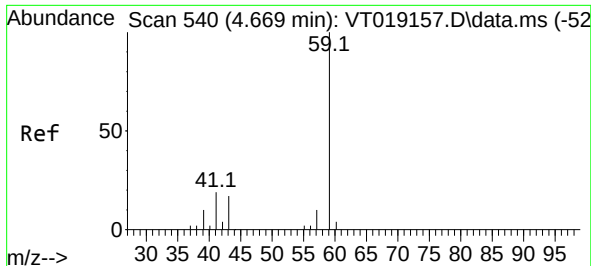
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
cis-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 6.631 min Scan# 874
Delta R.T. -0.059 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 96 Resp: 34889
Ion Ratio Lower Upper
96 100
61 153.9 120.0 180.0
98 63.4 52.8 79.2





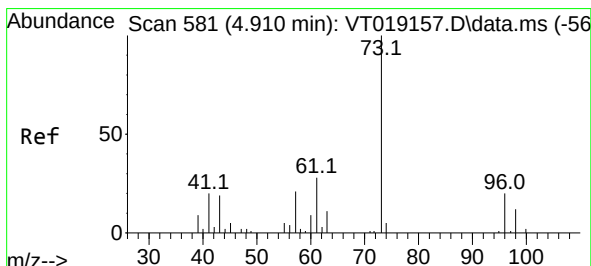
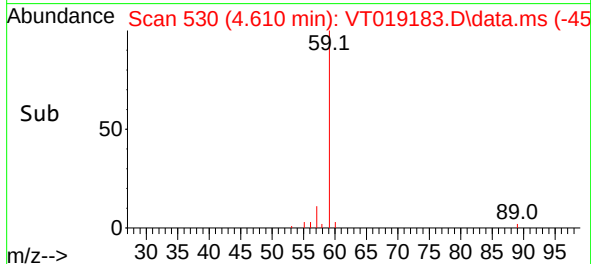
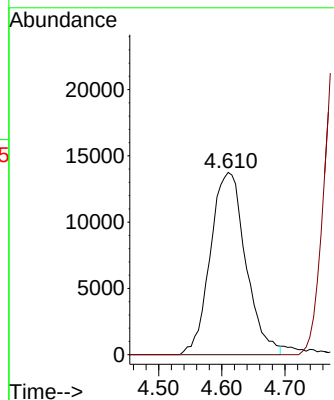
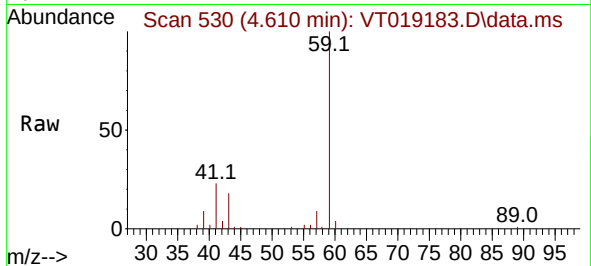
#23
tert-Butyl Alcohol
Concen: 86.379 ug/l
RT: 4.610 min Scan# 51
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 53470
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

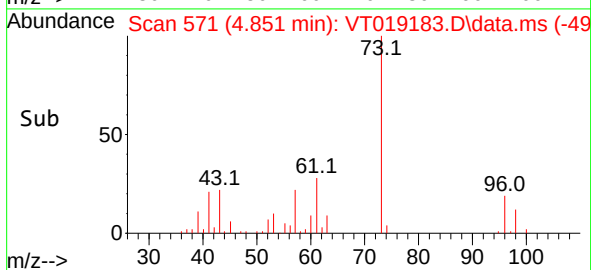
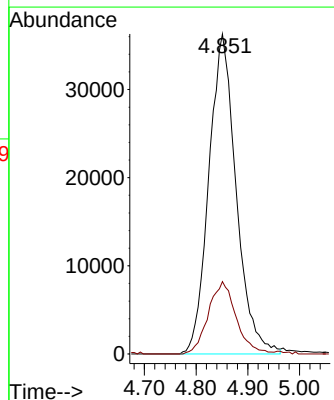
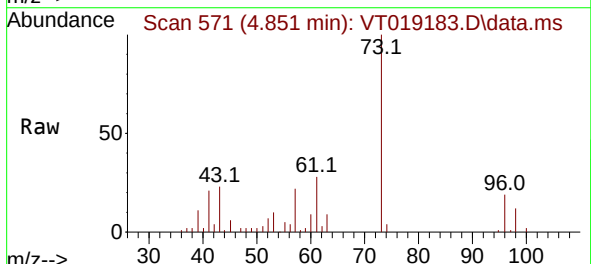
Manual Integrations
APPROVED

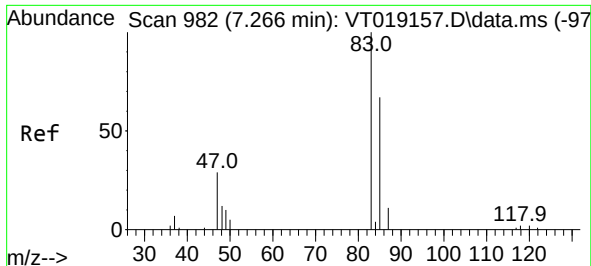
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#24
Methyl tert-Butyl Ether
Concen: 19.122 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.070 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 73 Resp: 133213
Ion Ratio Lower Upper
73 100
43 22.9 16.9 25.3





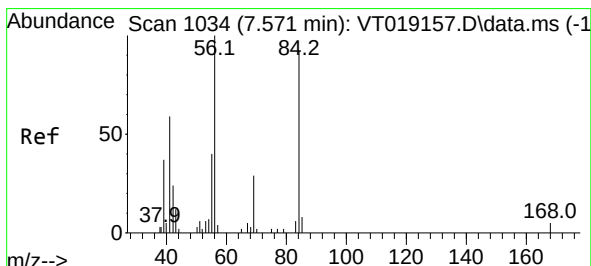
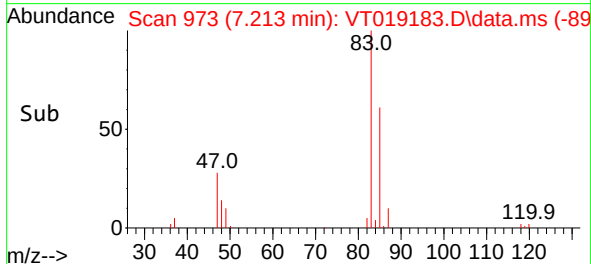
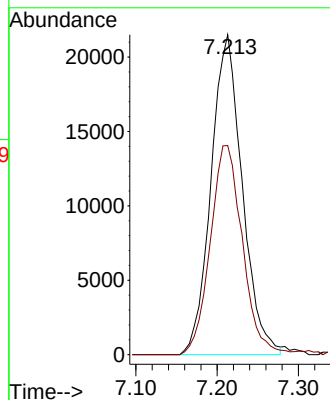
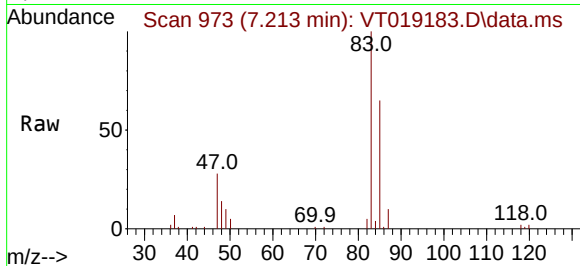
#25
Chloroform
Concen: 19.150 ug/l
RT: 7.213 min Scan# 91
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5742
Ion Ratio Lower Upper
83 100
85 65.4 48.0 72.0

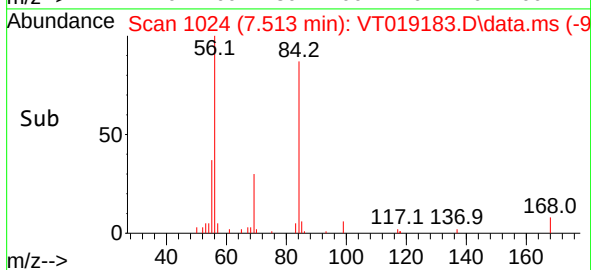
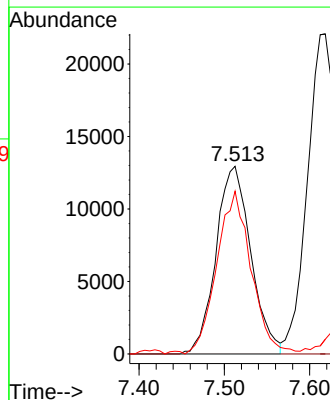
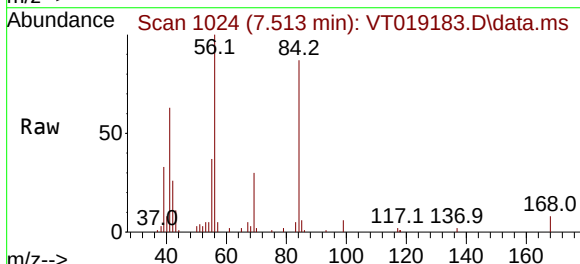
Manual Integrations
APPROVED

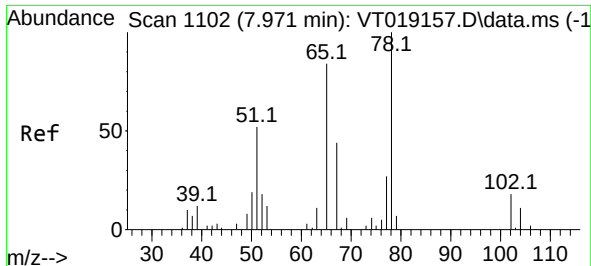
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
Cyclohexane
Concen: 19.157 ug/l
RT: 7.513 min Scan# 1024
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 56 Resp: 36852
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 31.083 ug/l

RT: 7.918 min Scan# 1102

Delta R.T. -0.053 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 7030

Ion Ratio Lower Upper

65 100

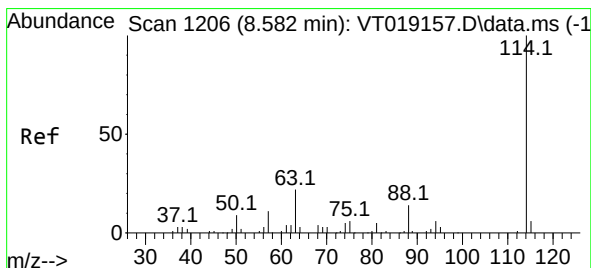
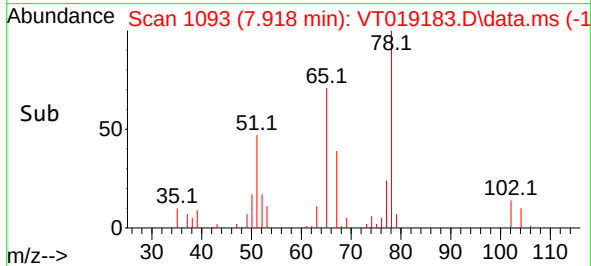
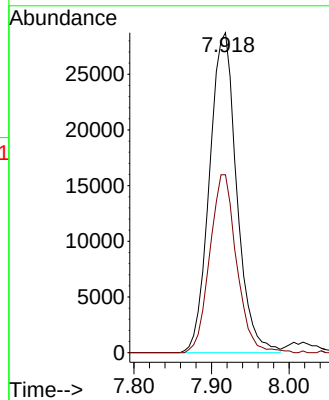
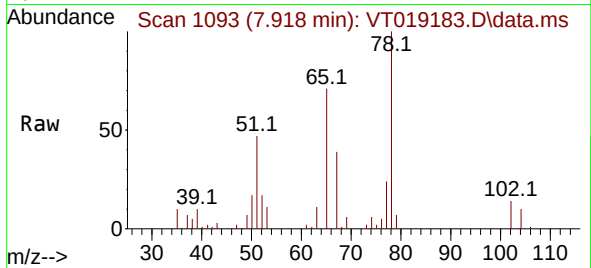
67 54.7 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

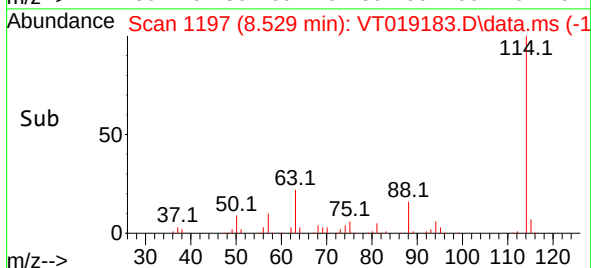
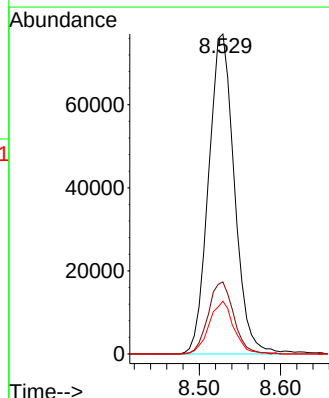
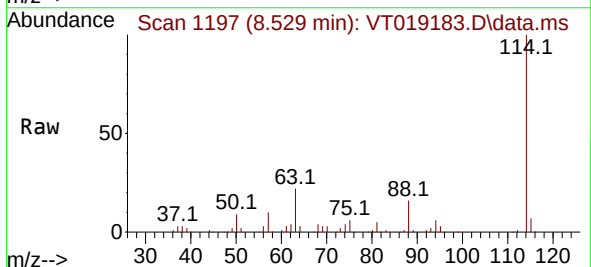
Tgt Ion:114 Resp: 169980

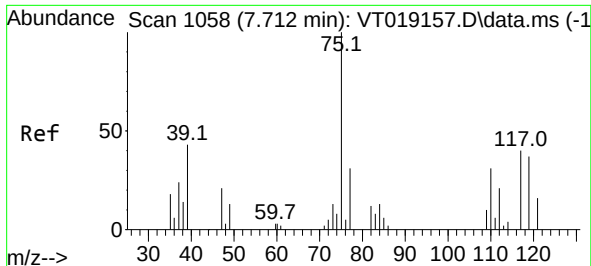
Ion Ratio Lower Upper

114 100

63 22.2 17.4 26.0

88 15.7 13.0 19.6





#29

1,1-Dichloropropene

Concen: 17.903 ug/l

RT: 7.665 min Scan# 1050

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

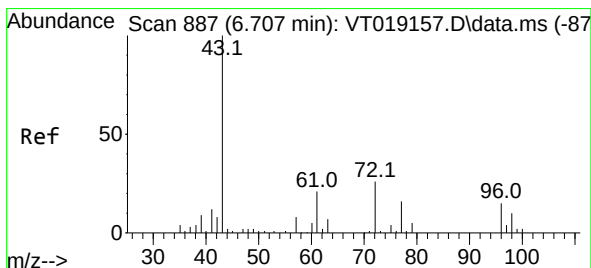
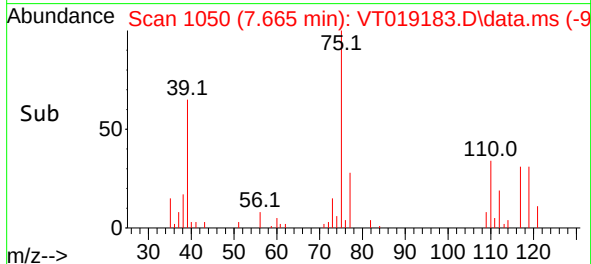
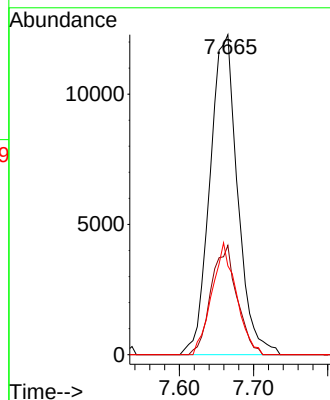
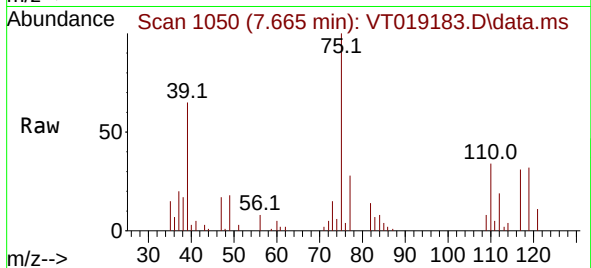
Tgt Ion: 75	Resp: 3184
Ion Ratio	Lower Upper
75 100	
110 32.1	0.0 70.8
77 30.9	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

2-Butanone

Concen: 85.952 ug/l

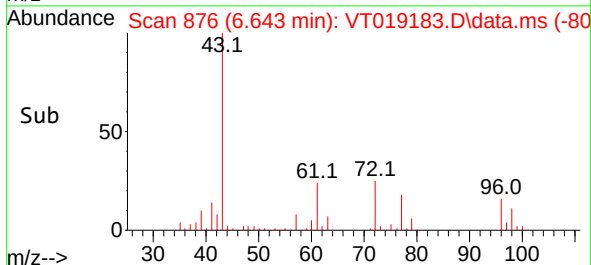
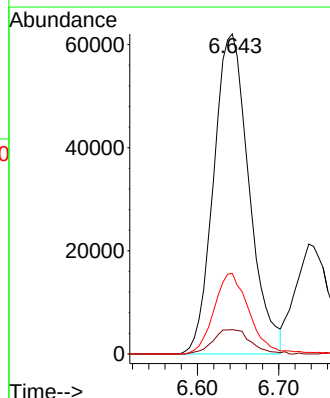
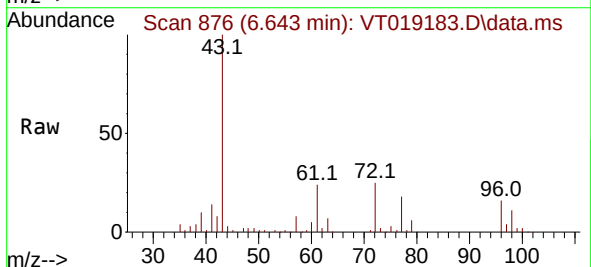
RT: 6.643 min Scan# 876

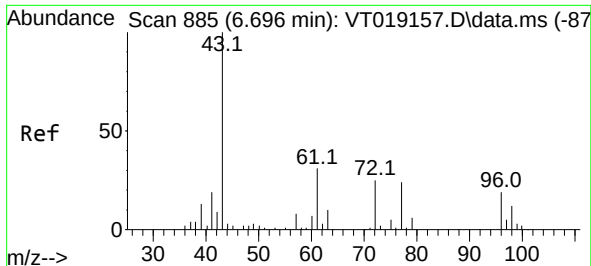
Delta R.T. -0.059 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

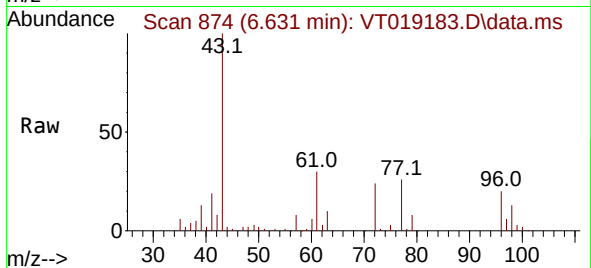
Tgt Ion: 43	Resp: 188438
Ion Ratio	Lower Upper
43 100	
57 8.0	5.9 8.9
72 24.4	20.2 30.2





#31
2,2-Dichloropropane
Concen: 19.243 ug/l
RT: 6.631 min Scan# 811
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

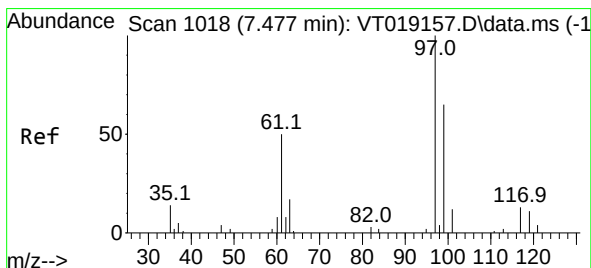
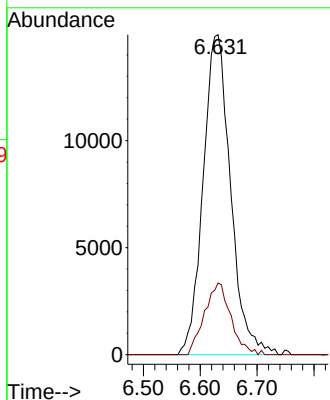
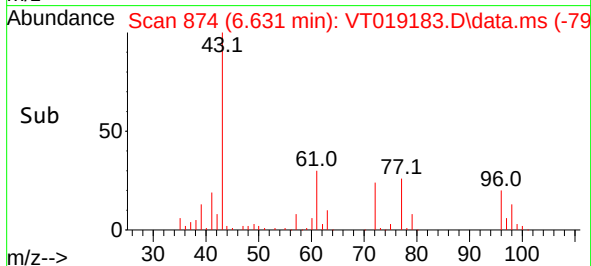
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 5011
Ion Ratio Lower Upper
77 100
97 21.4 14.5 21.7

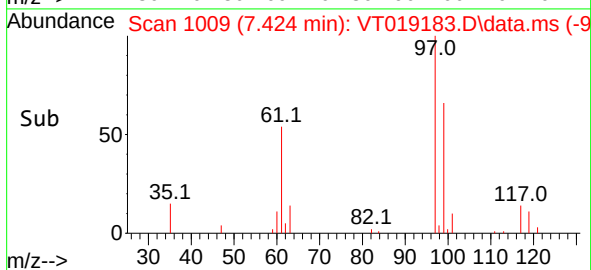
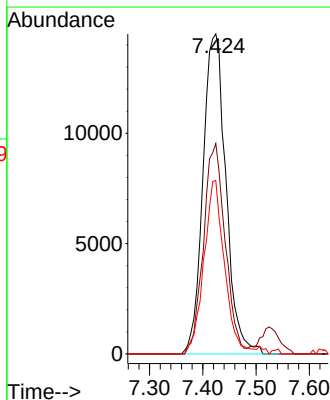
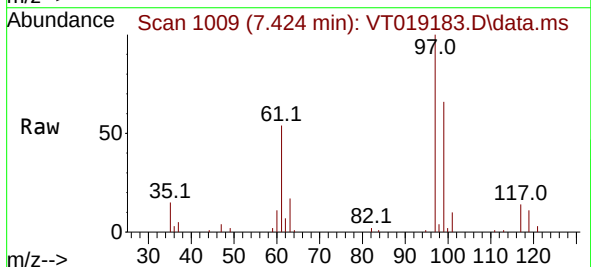
Manual Integrations
APPROVED

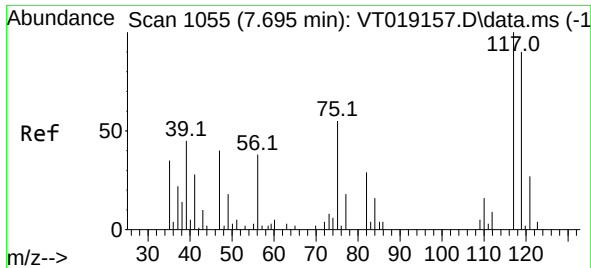
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 19.392 ug/l m
RT: 7.424 min Scan# 1009
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

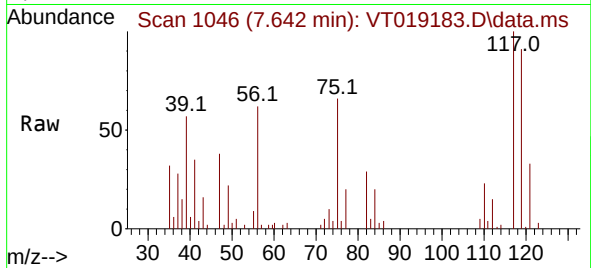
Tgt Ion: 97 Resp: 43455
Ion Ratio Lower Upper
97 100
99 6.8 30.0 45.0#
61 0.6 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 20.061 ug/l m
RT: 7.642 min Scan# 1095
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

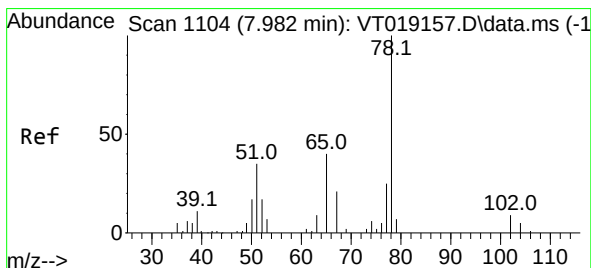
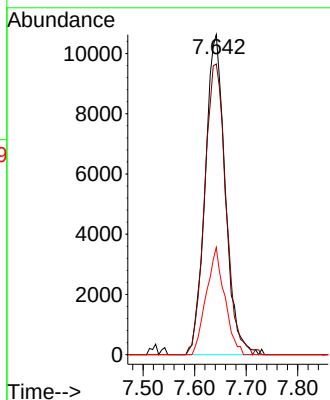
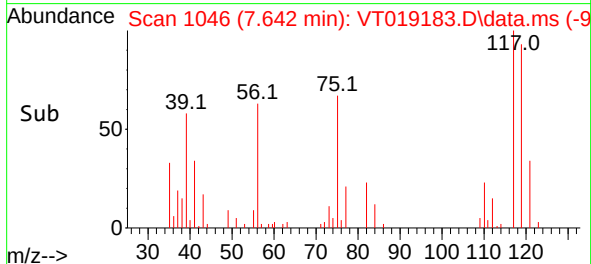
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



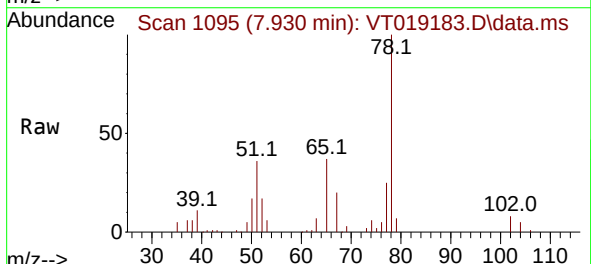
Tgt Ion: 117 Resp: 2880
Ion Ratio Lower Upper
117 100
119 90.9 76.5 114.7
121 33.5 0.5 0.7

Manual Integrations
APPROVED

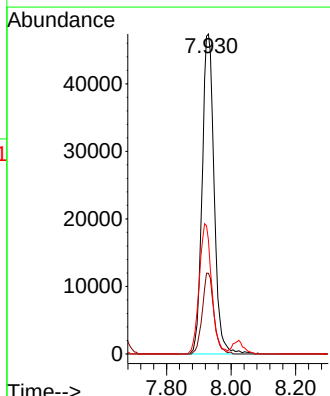
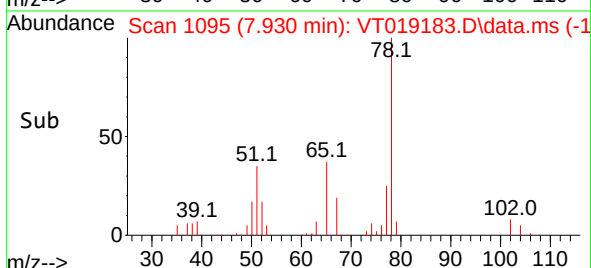
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

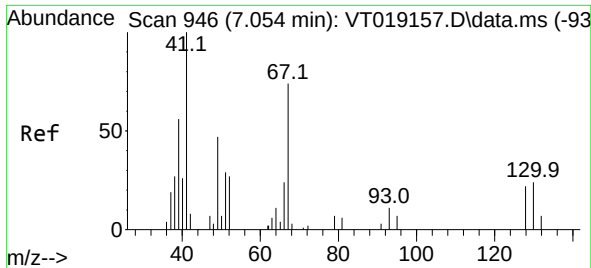


#34
Benzene
Concen: 18.508 ug/l m
RT: 7.930 min Scan# 1095
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



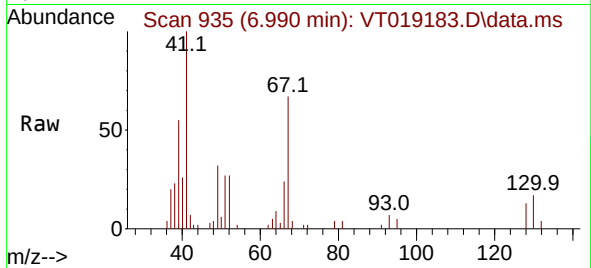
Tgt Ion: 78 Resp: 121964
Ion Ratio Lower Upper
78 100
77 25.2 17.6 26.4
51 35.5 13.8 20.6





#35
Methacrylonitrile
Concen: 20.655 ug/l m
RT: 6.990 min Scan# 911
Delta R.T. -0.058 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

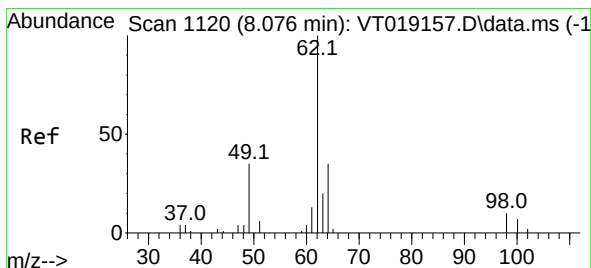
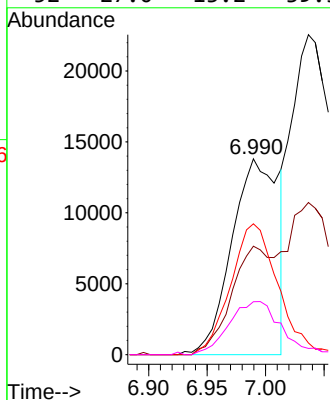
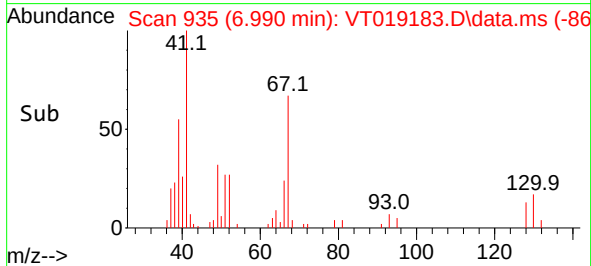
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	3854
Ion Ratio	100	Lower	Upper
41	100		
39	55.4	26.2	78.5
67	66.8	31.4	94.3
52	27.0	13.2	39.5

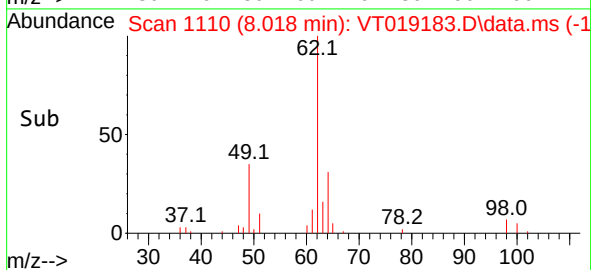
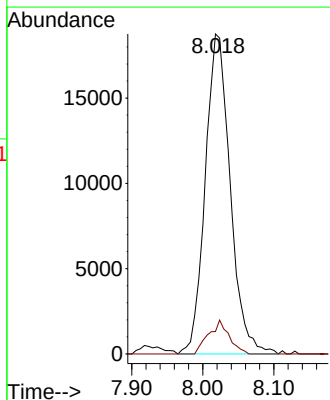
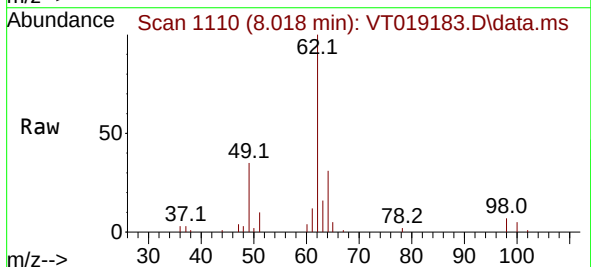
Manual Integrations
APPROVED

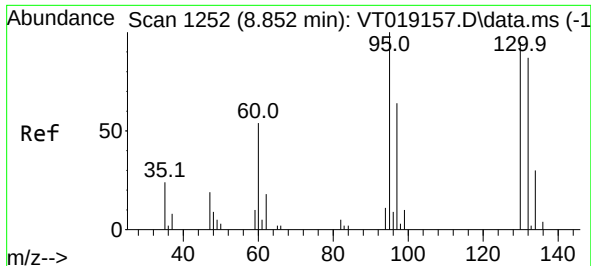
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,2-Dichloroethane
Concen: 18.744 ug/l
RT: 8.018 min Scan# 1110
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:	62	Resp:	45790
Ion Ratio	100	Lower	Upper
62	100		
98	8.6	6.7	10.1





#37
Trichloroethene
Concen: 18.662 ug/l
RT: 8.799 min Scan# 1243
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

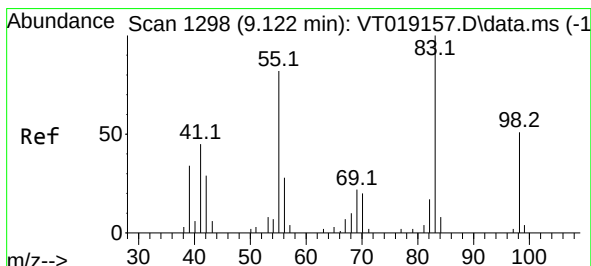
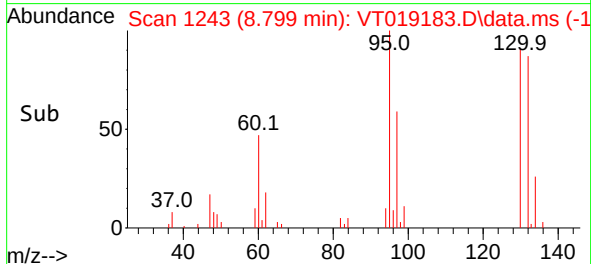
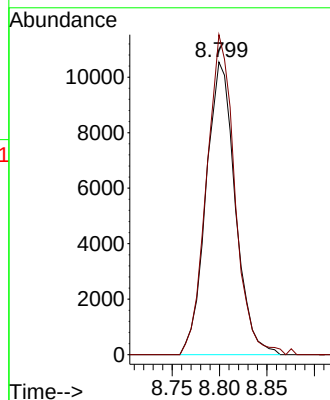
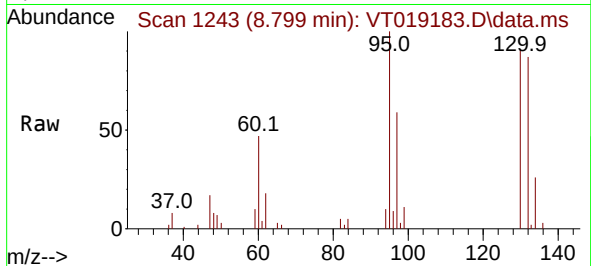
Tgt Ion:130 Resp: 22624
Ion Ratio Lower Upper
130 100
95 109.3 79.4 119.2

Manual Integrations

APPROVED

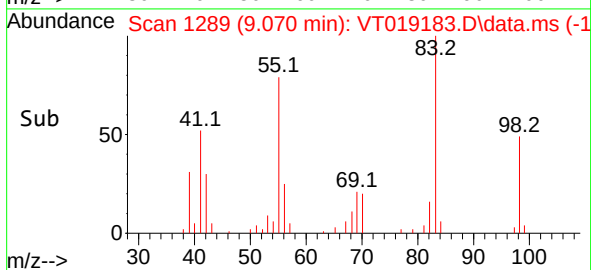
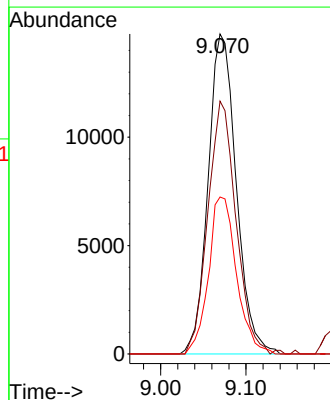
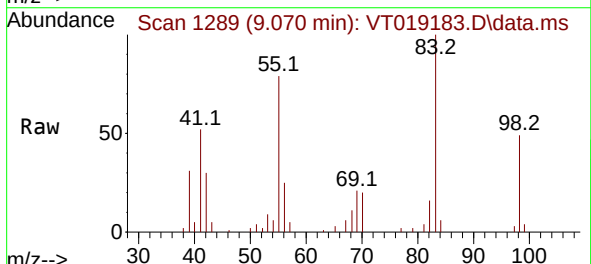
Reviewed By :Amit Patel 10/30/2025

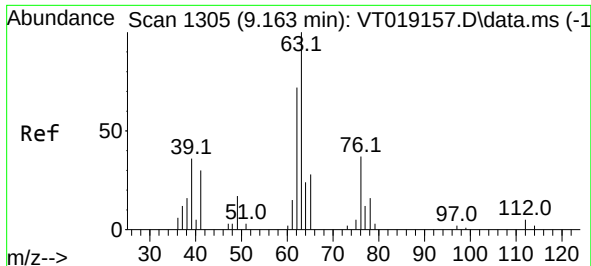
Supervised By :Mahesh Dadoda 10/30/2025



#38
Methylcyclohexane
Concen: 18.913 ug/l
RT: 9.070 min Scan# 1289
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 83 Resp: 33877
Ion Ratio Lower Upper
83 100
55 78.7 40.3 120.8
98 48.7 24.3 72.9





#39

1,2-Dichloropropane

Concen: 18.115 ug/l m

RT: 9.117 min Scan# 1314

Delta R.T. -0.046 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 3126

Ion Ratio Lower Upper

63 100

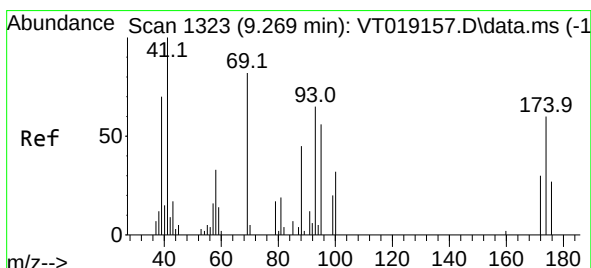
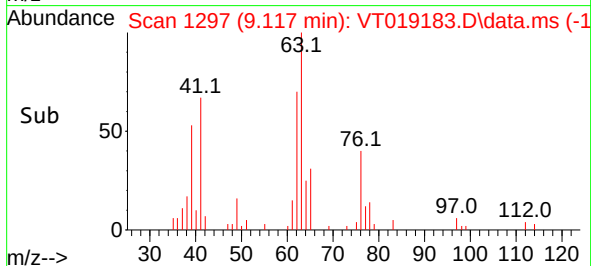
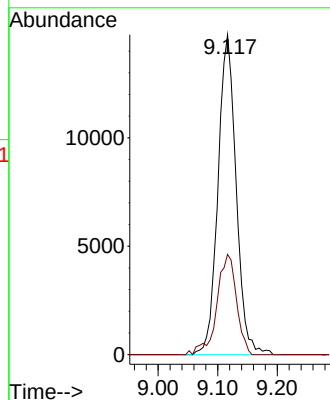
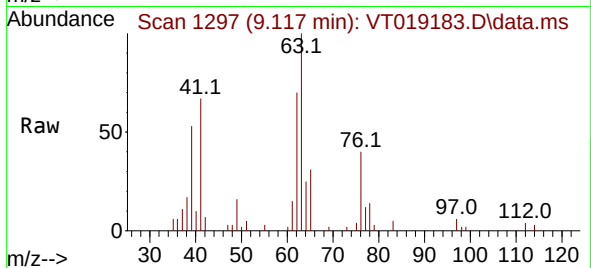
65 31.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#40

Dibromomethane

Concen: 18.491 ug/l

RT: 9.216 min Scan# 1314

Delta R.T. -0.053 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

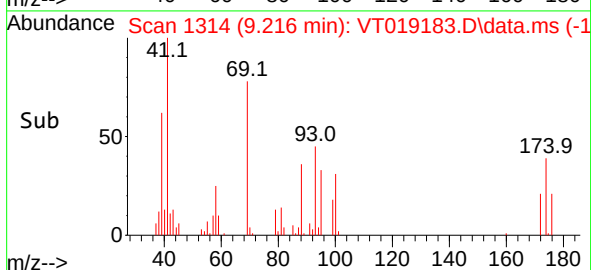
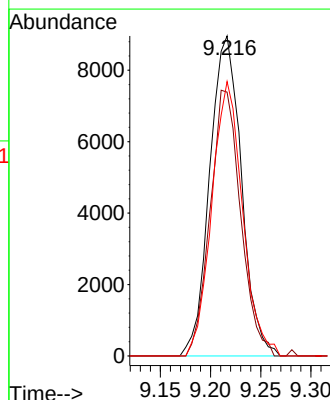
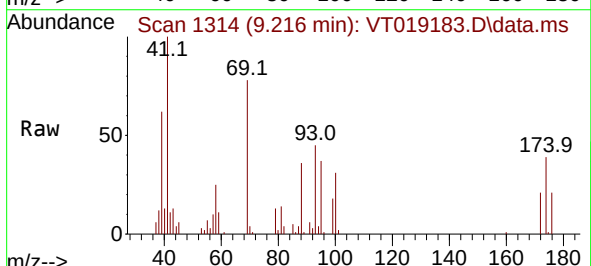
Tgt Ion: 93 Resp: 19677

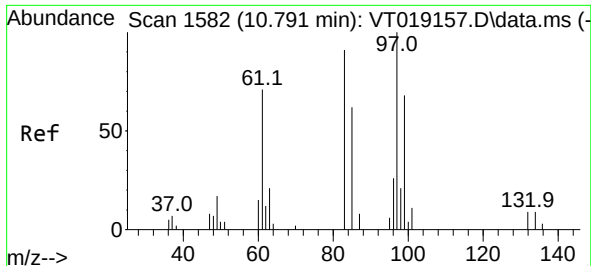
Ion Ratio Lower Upper

93 100

95 79.9 0.0 166.2

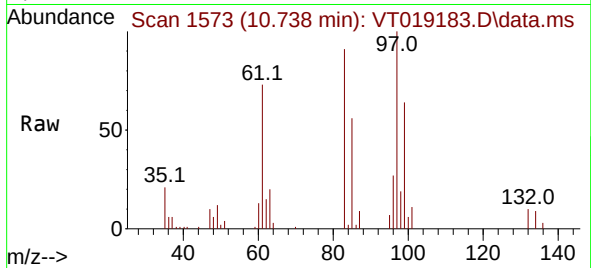
174 82.9 0.0 26.4





#41
Bromodichloromethane
Concen: 18.290 ug/l m
RT: 10.738 min Scan# 1
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

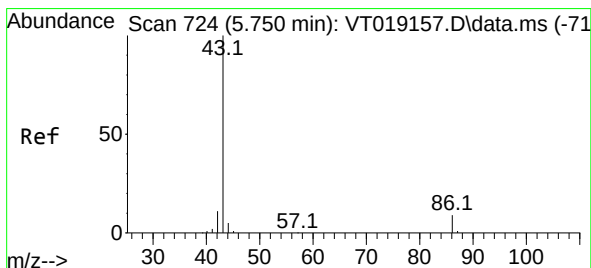
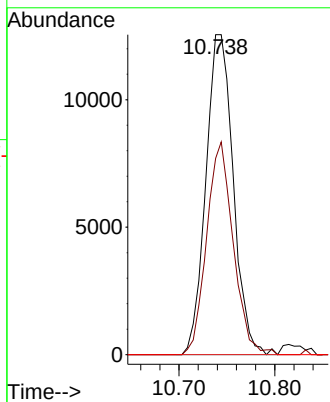
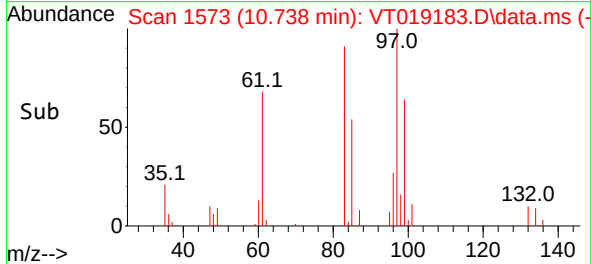
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



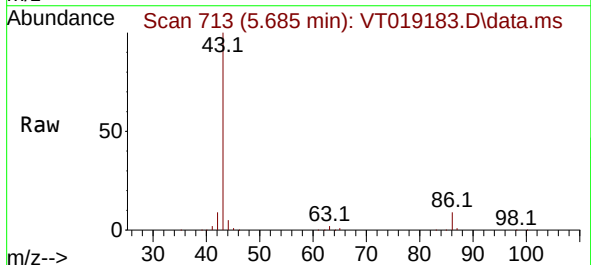
Tgt Ion: 83 Resp: 2500
Ion Ratio Lower Upper
83 100
85 61.4 47.2 70.8
127 0.0 7.1 10.7

Manual Integrations
APPROVED

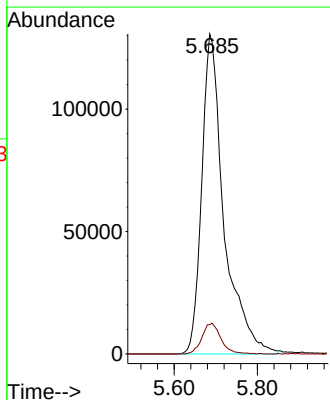
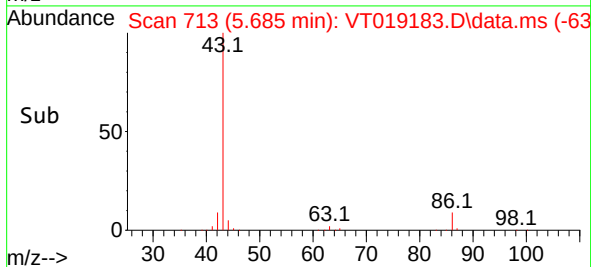
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

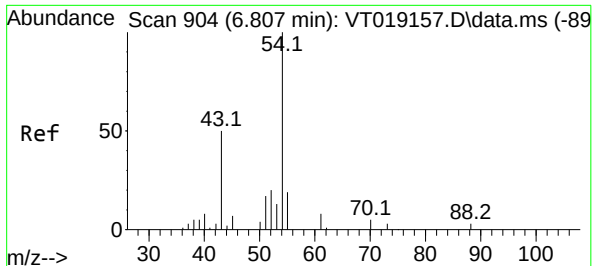


#42
Vinyl Acetate
Concen: 90.022 ug/l
RT: 5.685 min Scan# 713
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion: 43 Resp: 484222
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





#43

Ethyl Acetate

Concen: 18.002 ug/l

RT: 6.737 min Scan# 892

Delta R.T. -0.064 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 6487

Ion Ratio Lower Upper

43 100

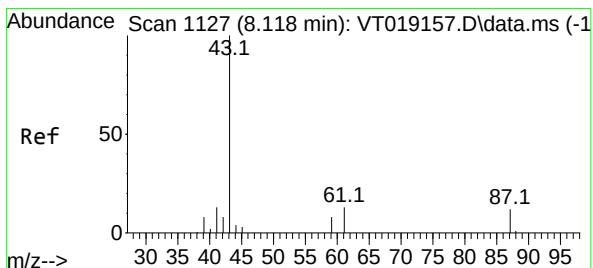
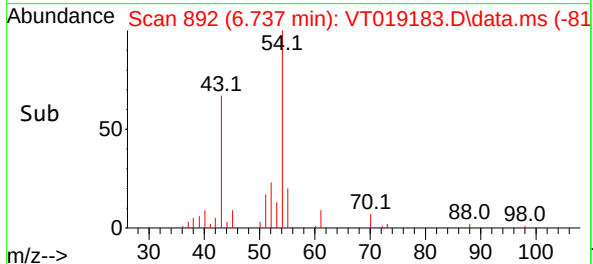
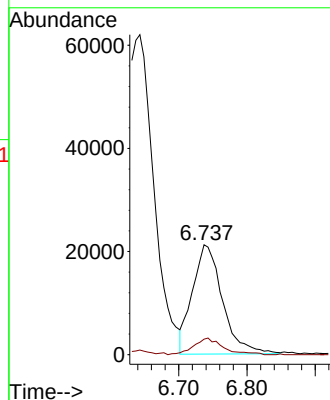
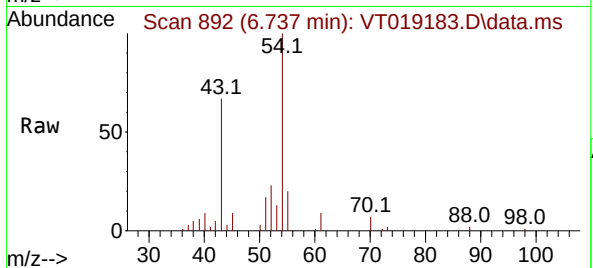
45 14.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#44

Isopropyl Acetate

Concen: 18.339 ug/l

RT: 8.071 min Scan# 1119

Delta R.T. -0.052 min

Lab File: VT019183.D

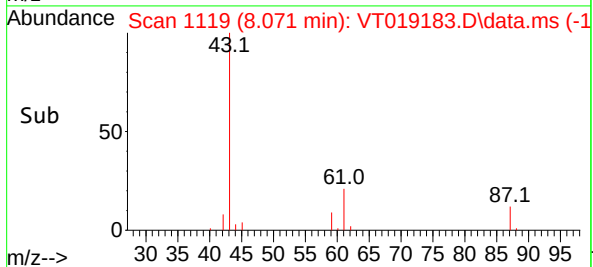
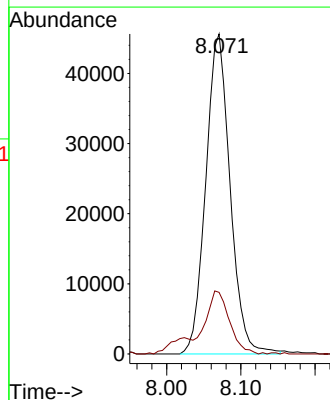
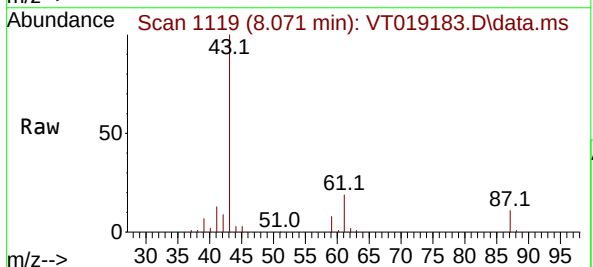
Acq: 27 Oct 2025 7:36

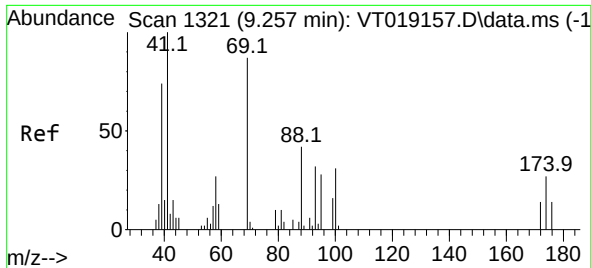
Tgt Ion: 43 Resp: 104019

Ion Ratio Lower Upper

43 100

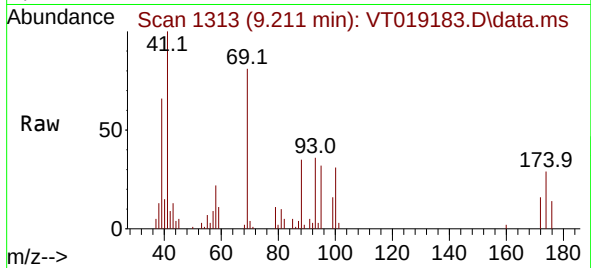
61 19.1 14.7 22.1





#45
1,4-Dioxane
Concen: 359.094 ug/l m
RT: 9.211 min Scan# 1313
Delta R.T. -0.058 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

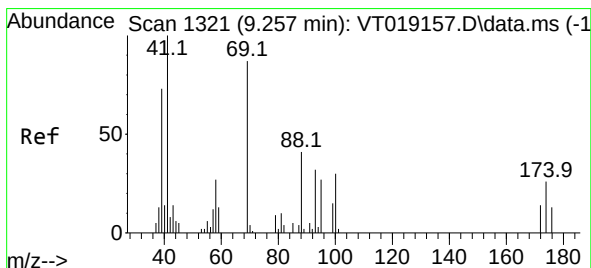
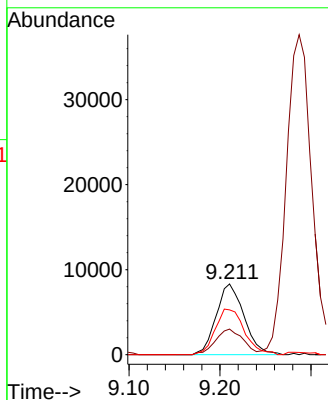
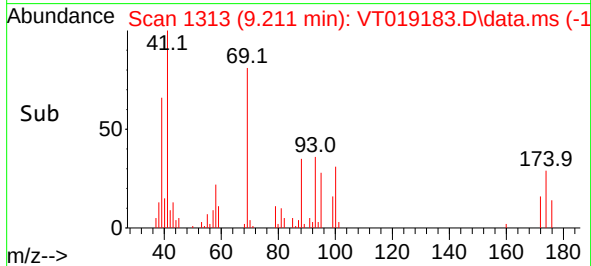
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 17670
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2
58 2.5 33.3 49.9

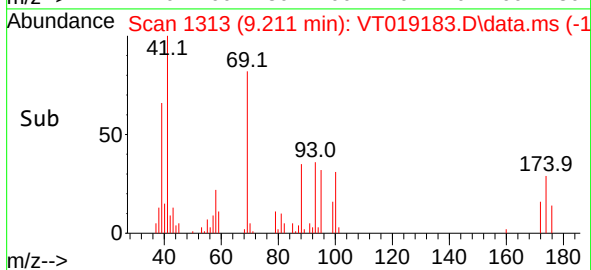
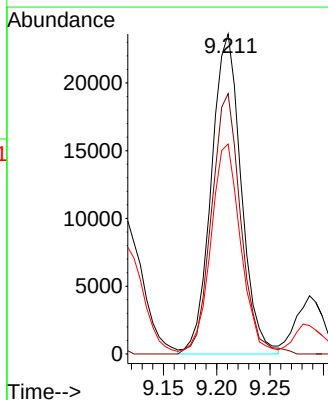
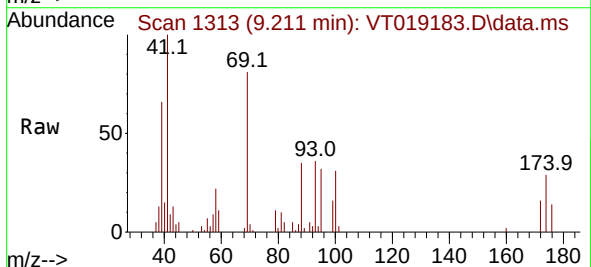
Manual Integrations
APPROVED

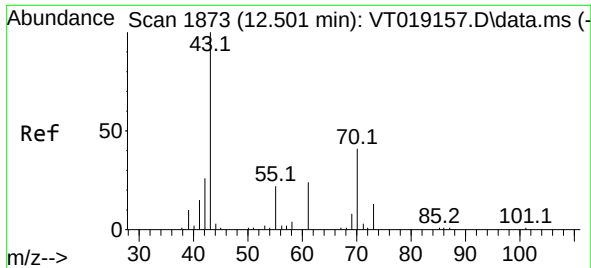
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Methyl methacrylate
Concen: 18.147 ug/l
RT: 9.211 min Scan# 1313
Delta R.T. -0.046 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 41 Resp: 46024
Ion Ratio Lower Upper
41 100
69 82.4 35.8 107.3
39 65.6 24.4 73.4





#47

n-amy1 Acetate

Concen: 17.929 ug/l

RT: 12.454 min Scan# 11

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 6843

Ion Ratio Lower Upper

43 100

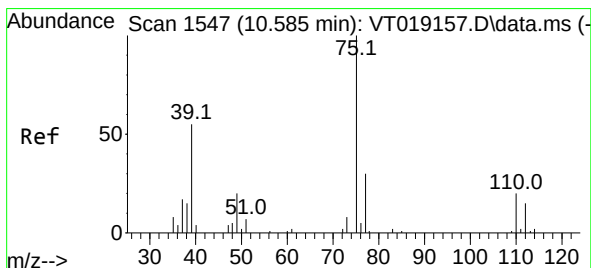
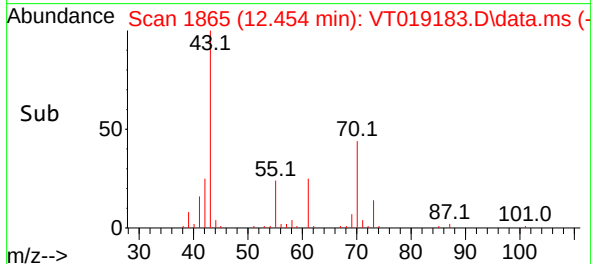
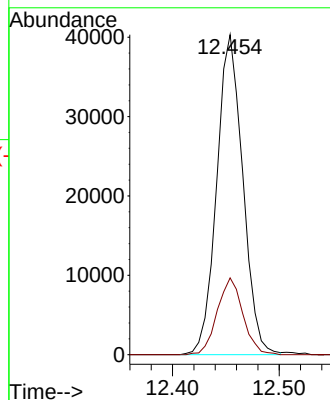
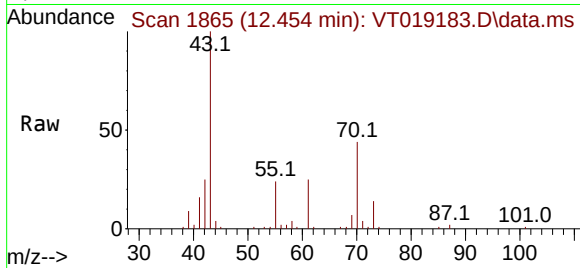
55 23.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#48

t-1,3-Dichloropropene

Concen: 18.803 ug/l

RT: 10.538 min Scan# 1539

Delta R.T. -0.047 min

Lab File: VT019183.D

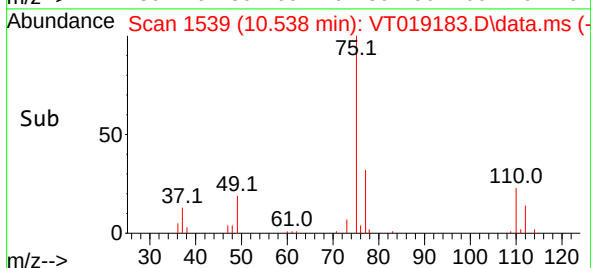
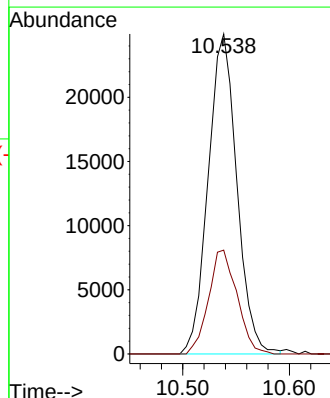
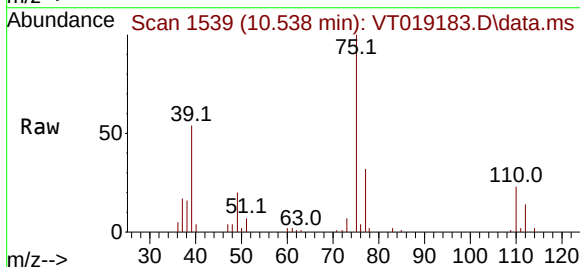
Acq: 27 Oct 2025 7:36

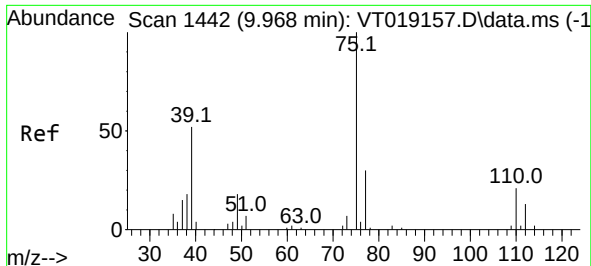
Tgt Ion: 75 Resp: 46636

Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.835 ug/l

RT: 9.922 min Scan# 1442

Delta R.T. -0.052 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4907

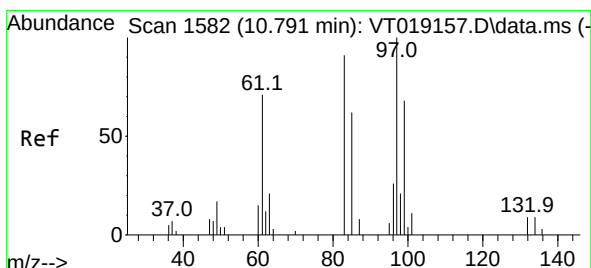
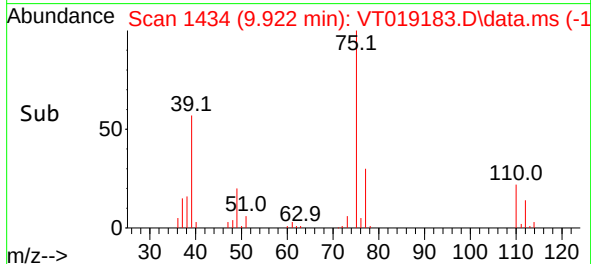
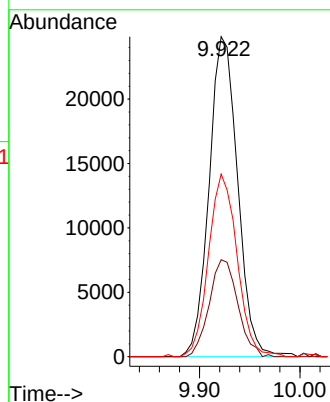
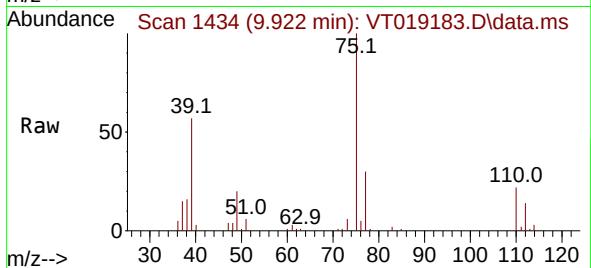
Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.1	37.7
39	57.1	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

1,1,2-Trichloroethane

Concen: 18.331 ug/l m

RT: 10.744 min Scan# 1574

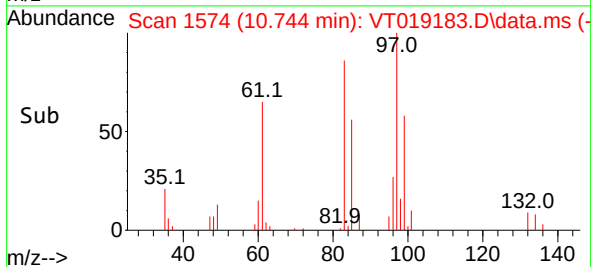
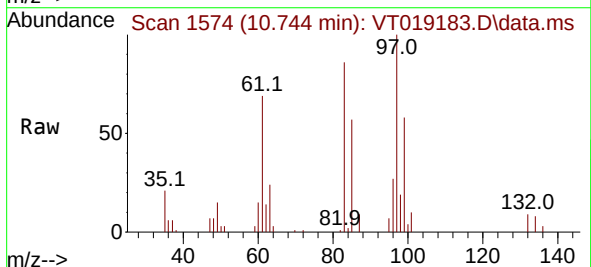
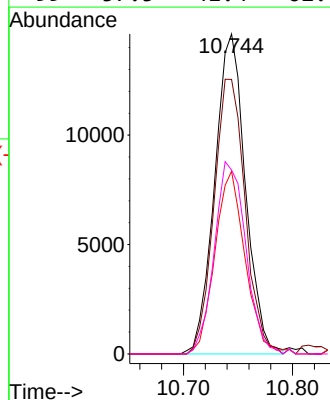
Delta R.T. -0.047 min

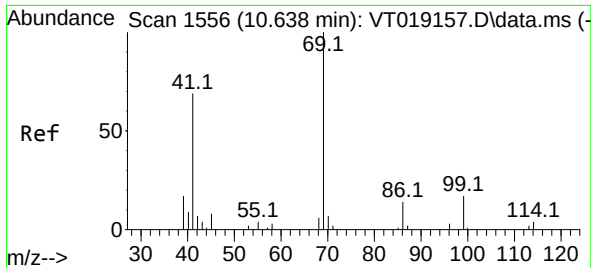
Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion: 97 Resp: 28692

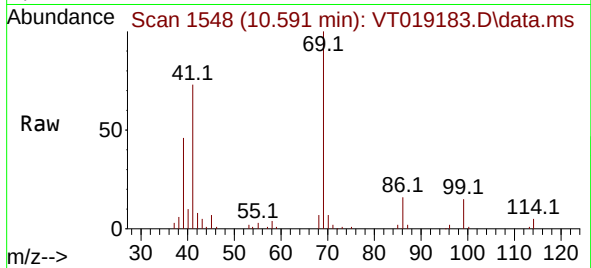
Ion	Ratio	Lower	Upper
97	100		
83	85.8	58.3	87.5
85	57.1	36.5	54.7#
99	57.5	41.4	62.0





#51
Ethyl methacrylate
Concen: 18.454 ug/l
RT: 10.591 min Scan# 1548
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

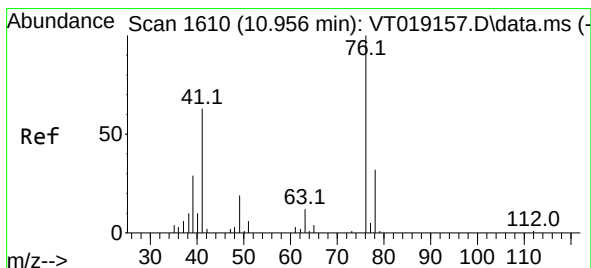
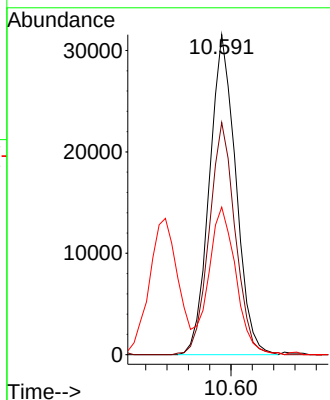
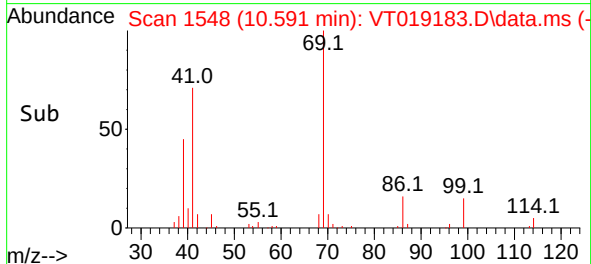
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



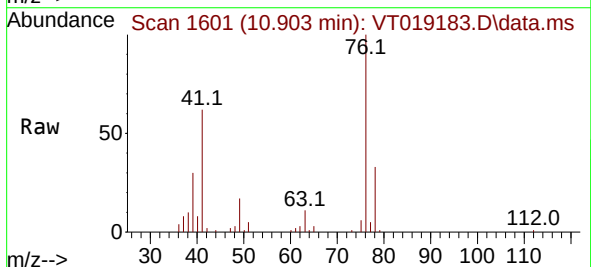
Tgt Ion: 69 Resp: 5413
Ion Ratio Lower Upper
69 100
41 72.1 35.0 105.1
39 45.5 19.5 58.5

Manual Integrations
APPROVED

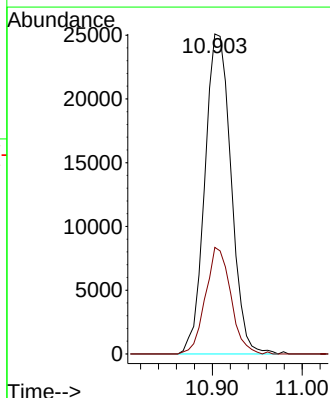
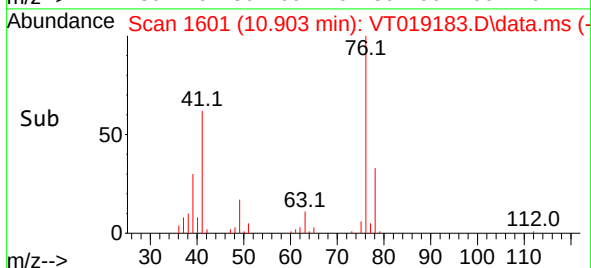
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

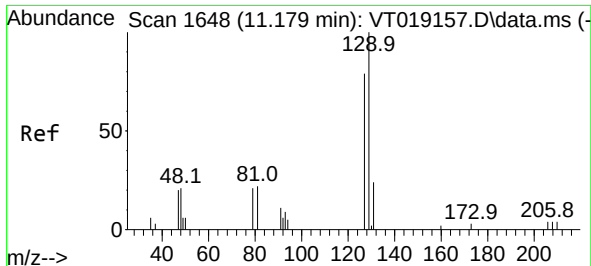


#52
1,3-Dichloropropane
Concen: 18.200 ug/l
RT: 10.903 min Scan# 1601
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



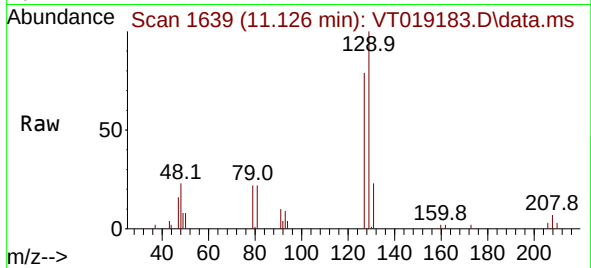
Tgt Ion: 76 Resp: 50878
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6





#53
Dibromochloromethane
Concen: 19.264 ug/l
RT: 11.126 min Scan# 1639
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

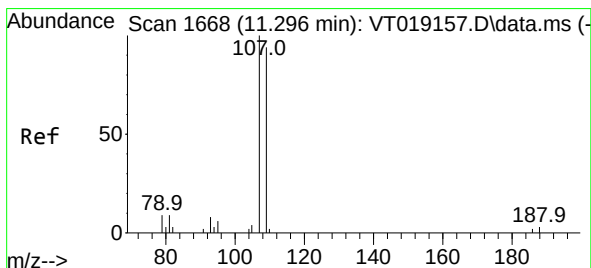
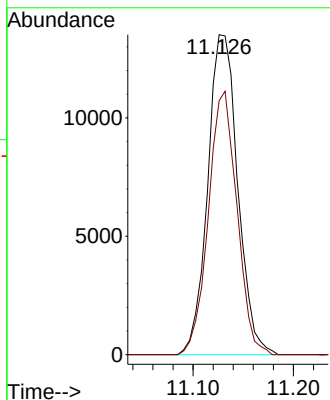
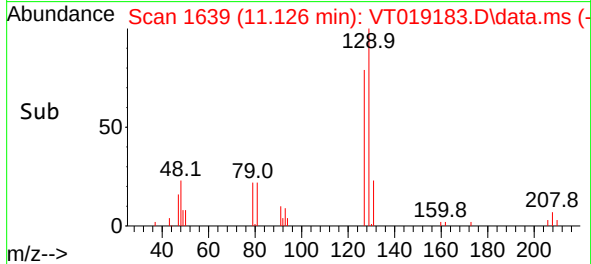
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



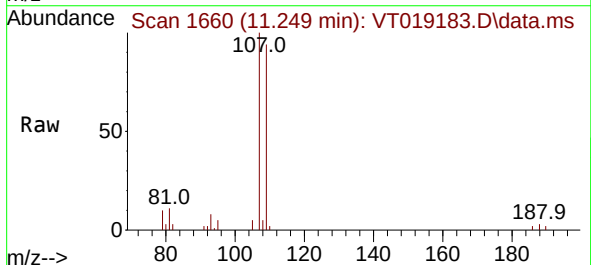
Tgt Ion:129 Resp: 28120
Ion Ratio Lower Upper
129 100
127 78.2 125.0 374.9

Manual Integrations
APPROVED

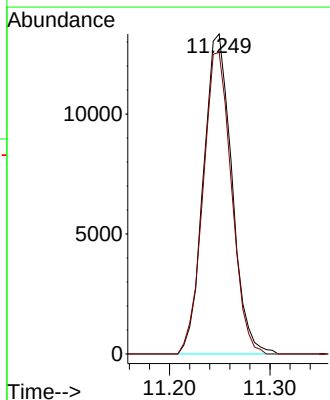
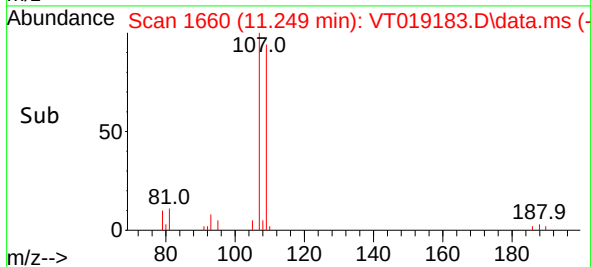
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

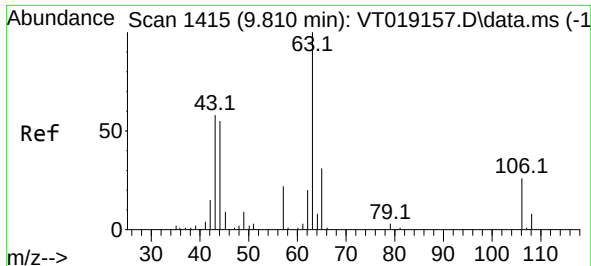


#54
1,2-Dibromoethane
Concen: 18.014 ug/l
RT: 11.249 min Scan# 1660
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion:107 Resp: 26224
Ion Ratio Lower Upper
107 100
109 94.3 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 90.062 ug/l

RT: 9.763 min Scan# 1415

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

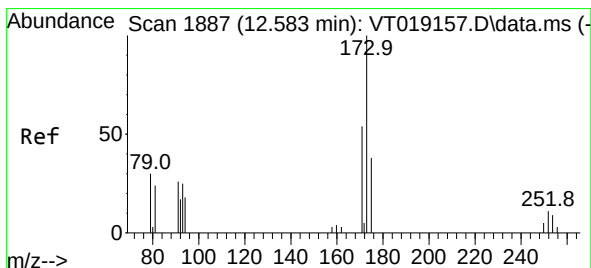
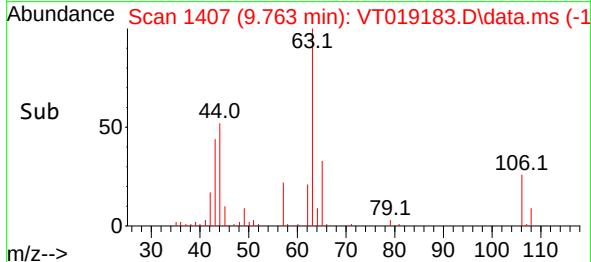
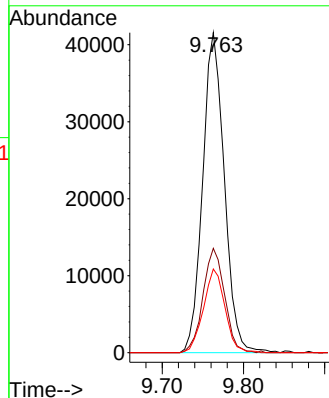
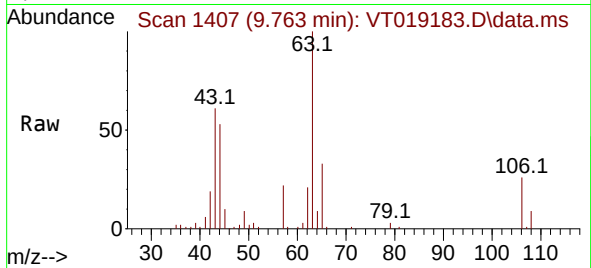
Tgt Ion:	63	Resp:	7704
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.6
106	25.7	22.1	33.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#56

Bromoform

Concen: 20.219 ug/l

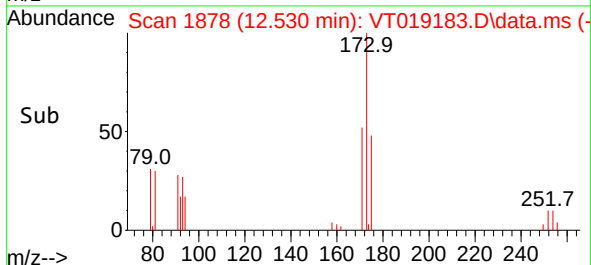
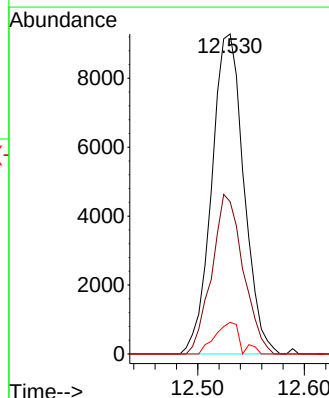
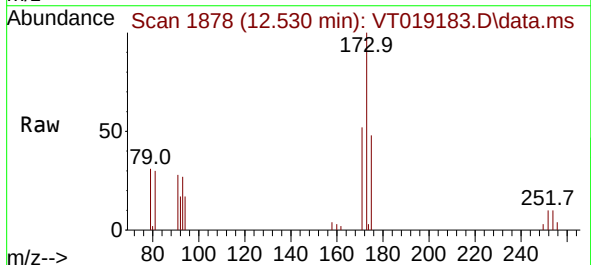
RT: 12.530 min Scan# 1878

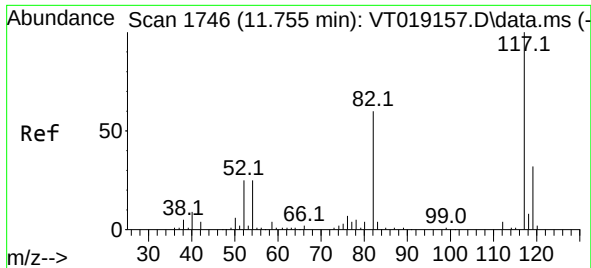
Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion:	173	Resp:	19406
Ion	Ratio	Lower	Upper
173	100		
175	48.7	2.6	3.8#
254	6.9	2.2	3.2#





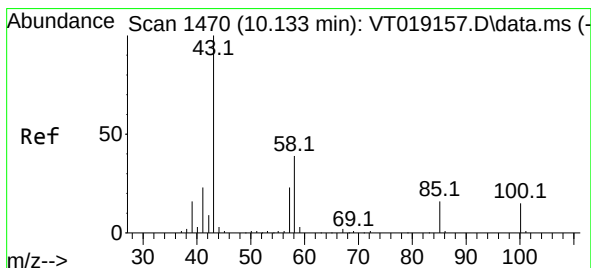
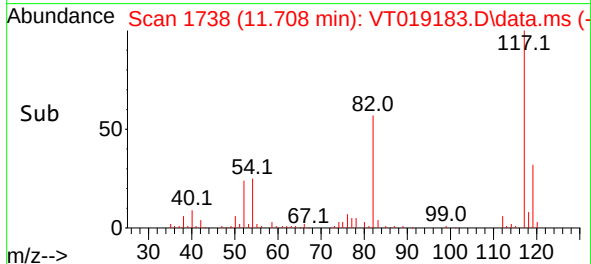
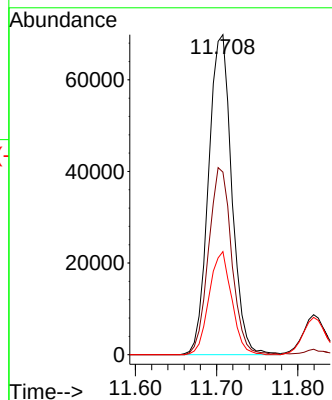
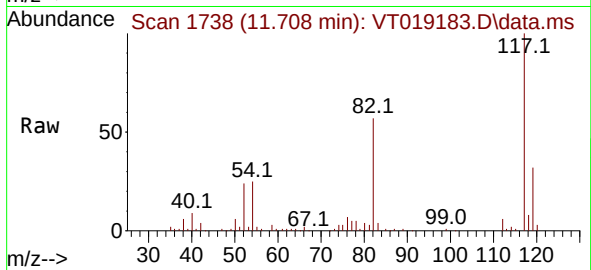
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.708 min Scan# 117
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 13869
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 31.3 25.8 38.8

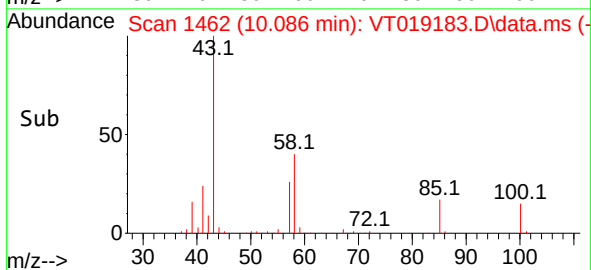
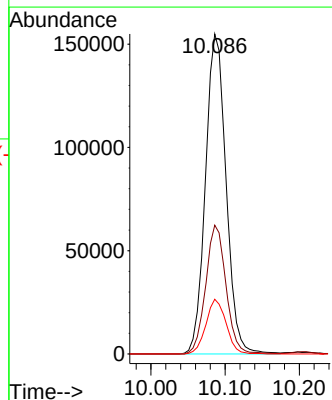
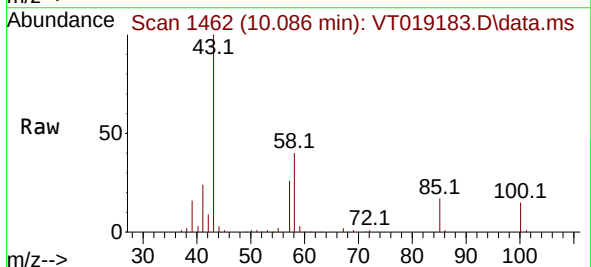
Manual Integrations
APPROVED

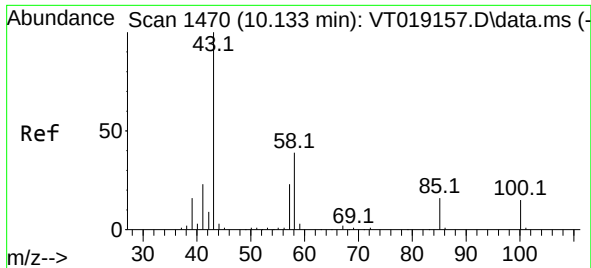
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#58
4-Methyl-2-Pentanone
Concen: 88.195 ug/l
RT: 10.086 min Scan# 1462
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

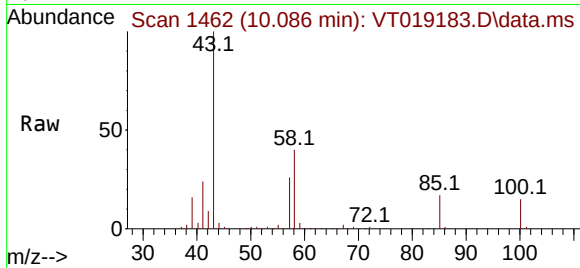
Tgt Ion: 43 Resp: 299561
Ion Ratio Lower Upper
43 100
58 39.6 30.6 45.8
85 16.6 13.4 20.2





#59
2-Hexanone
Concen: 88.195 ug/l m
RT: 10.086 min Scan# 1470
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

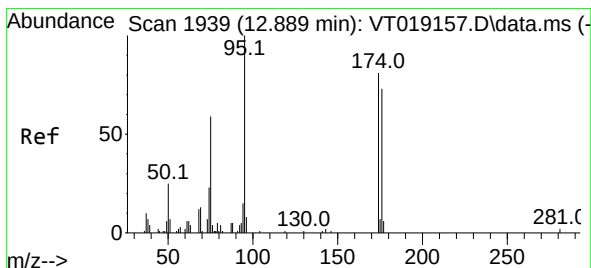
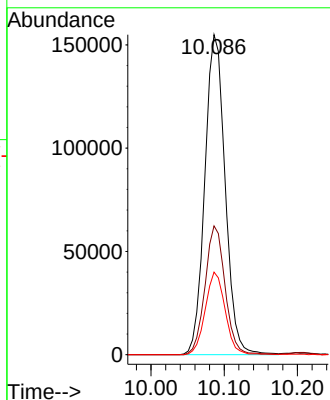
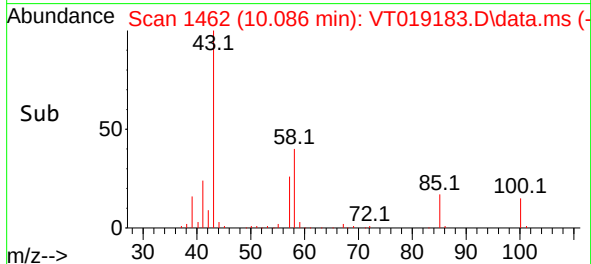
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 29956
Ion Ratio Lower Upper
43 100
58 0.6 42.0 63.0
57 0.2 14.6 21.8

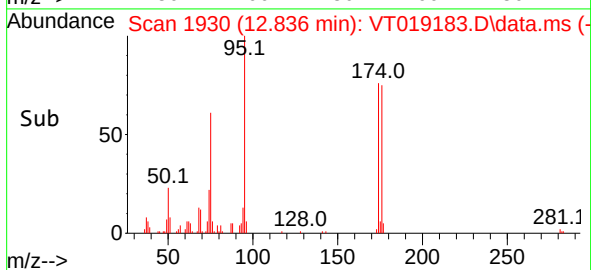
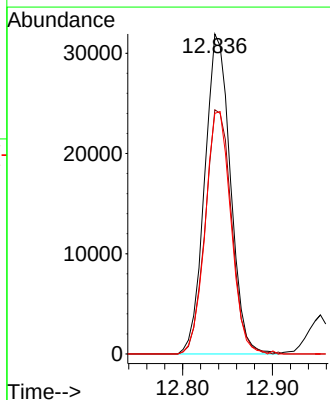
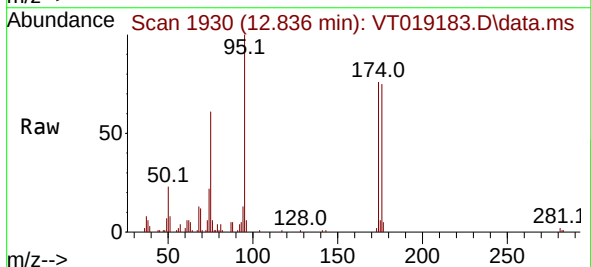
Manual Integrations
APPROVED

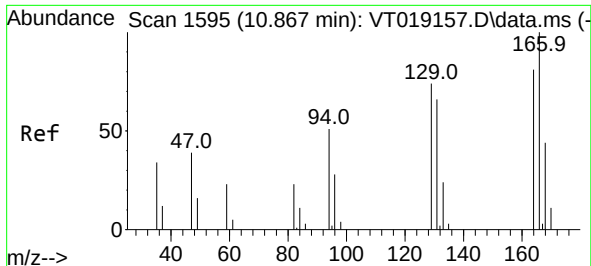
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
4-Bromofluorobenzene
Concen: 29.106 ug/l
RT: 12.836 min Scan# 1930
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

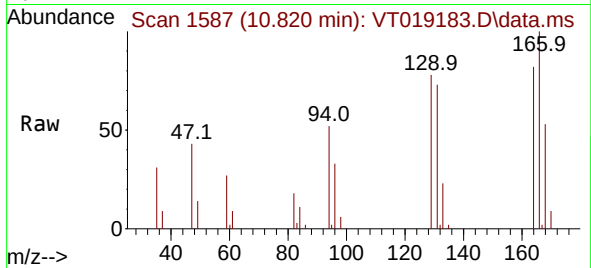
Tgt Ion: 95 Resp: 63445
Ion Ratio Lower Upper
95 100
174 77.8 57.5 86.3
176 75.8 56.4 84.6





#61
Tetrachloroethene
Concen: 19.473 ug/l
RT: 10.820 min Scan# 1495
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

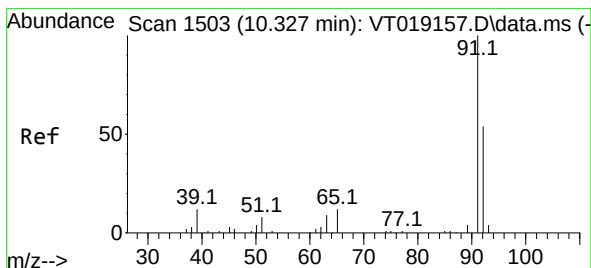
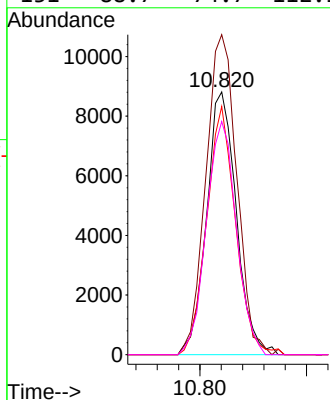
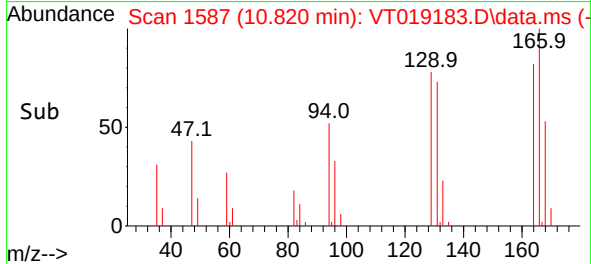
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



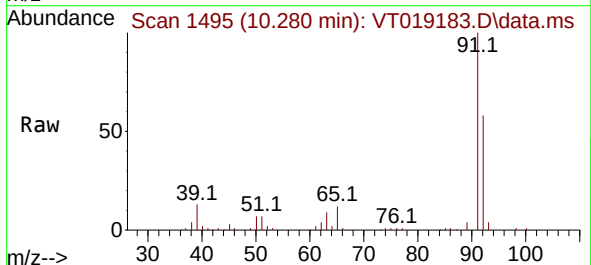
Tgt Ion:164 Resp: 1707
Ion Ratio Lower Upper
164 100
166 121.8 101.0 151.4
129 94.4 78.6 117.8
131 88.7 74.7 112.1

Manual Integrations
APPROVED

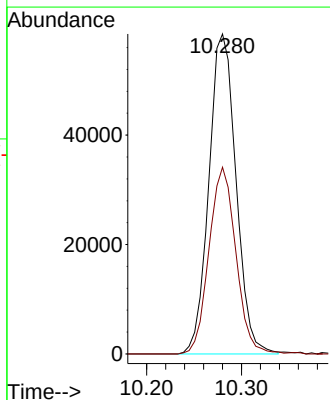
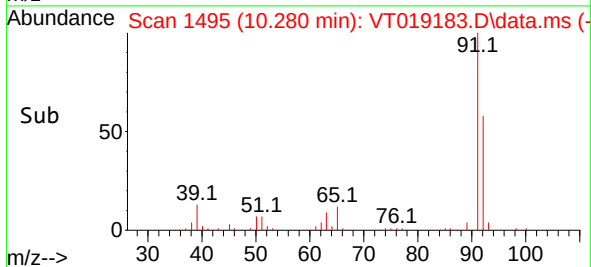
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

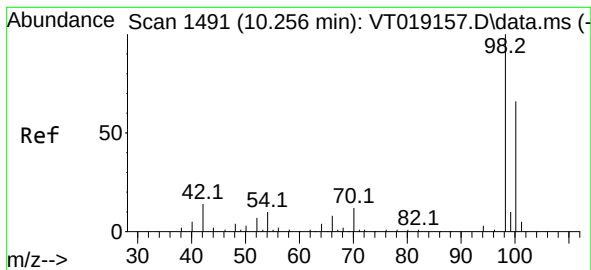


#62
Toluene
Concen: 18.718 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion: 91 Resp: 116279
Ion Ratio Lower Upper
91 100
92 57.8 46.6 69.8





#63

Toluene-d8

Concen: 30.166 ug/l

RT: 10.209 min Scan# 1491

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 20363

Ion Ratio Lower Upper

98 100

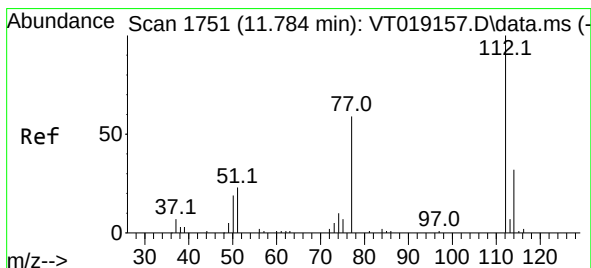
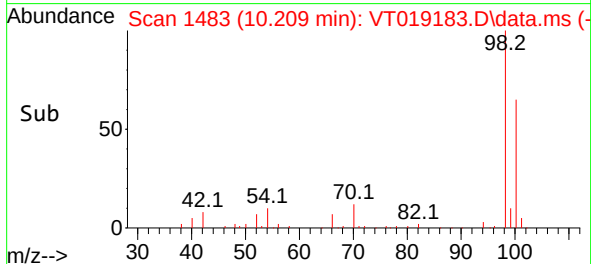
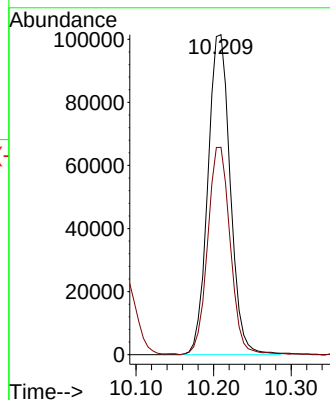
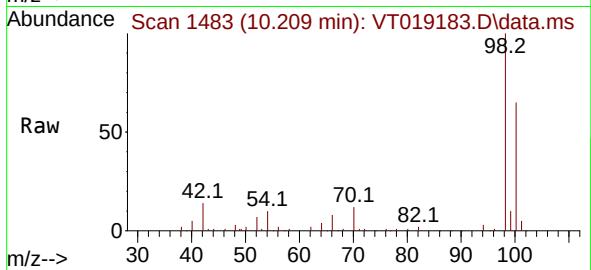
100 65.3 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#64

Chlorobenzene

Concen: 18.424 ug/l

RT: 11.737 min Scan# 1743

Delta R.T. -0.047 min

Lab File: VT019183.D

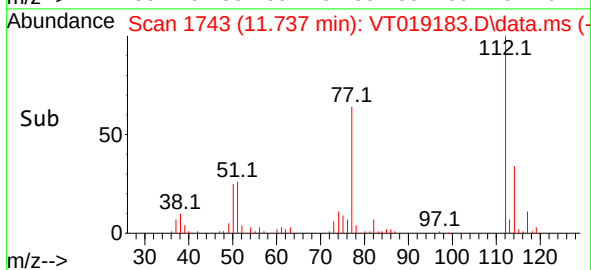
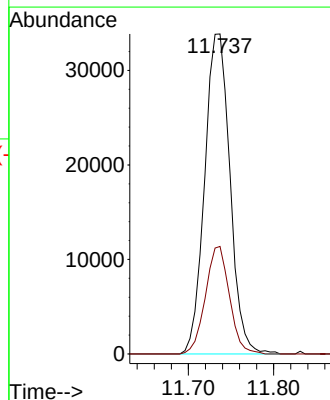
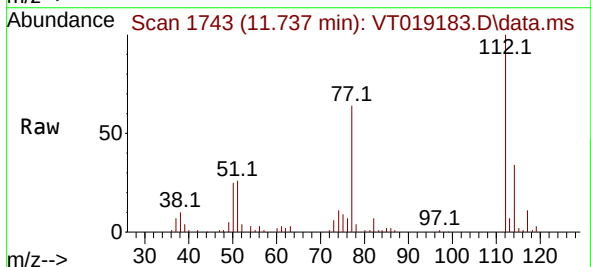
Acq: 27 Oct 2025 7:36

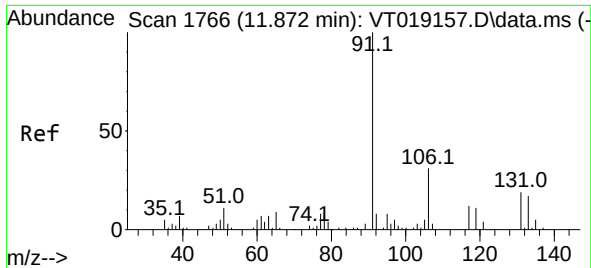
Tgt Ion:112 Resp: 69908

Ion Ratio Lower Upper

112 100

114 33.6 23.6 35.4





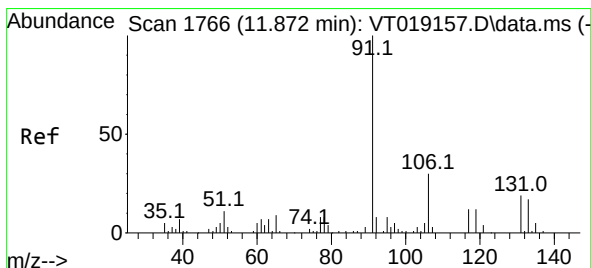
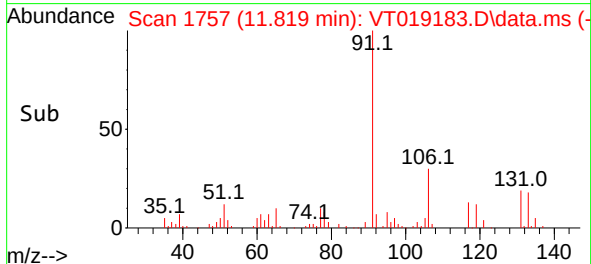
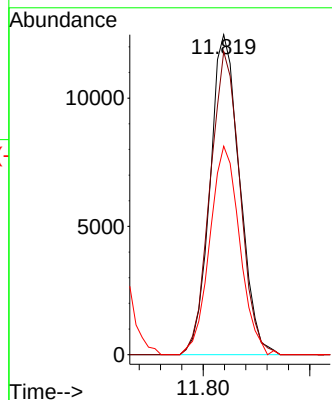
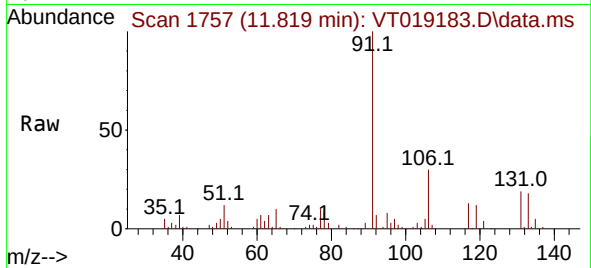
#65
1,1,1,2-Tetrachloroethane
Concen: 19.460 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 2405
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.2
119 65.8 0.0 101.8

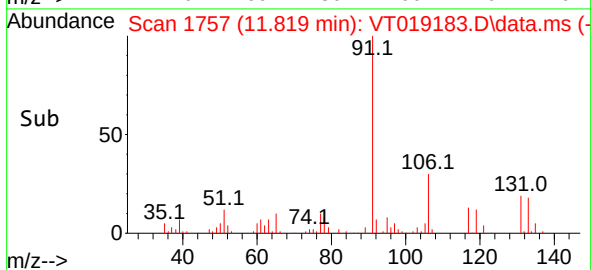
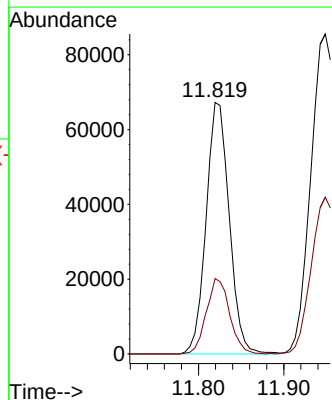
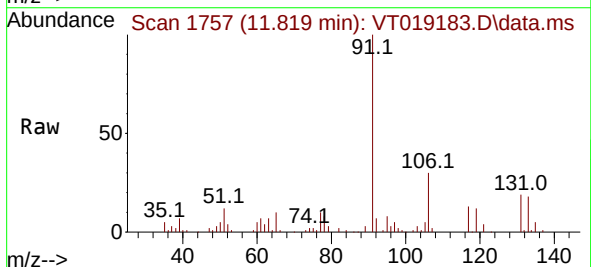
Manual Integrations
APPROVED

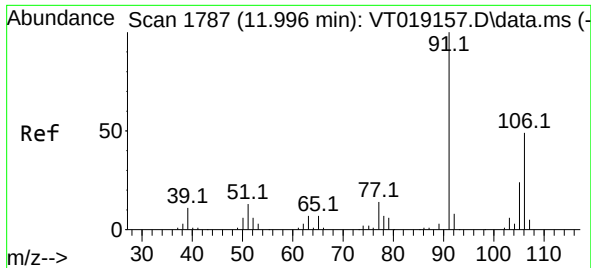
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
Ethyl Benzene
Concen: 18.790 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 91 Resp: 126861
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7





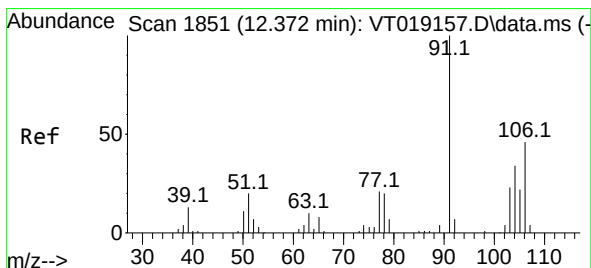
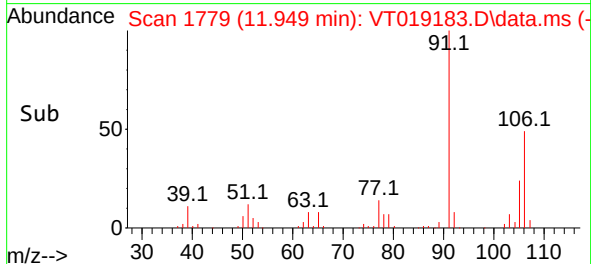
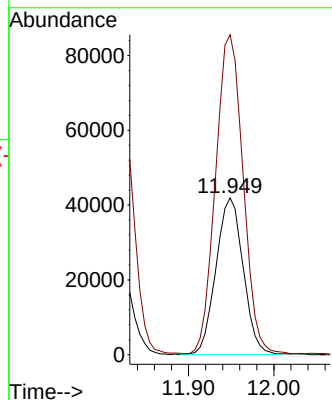
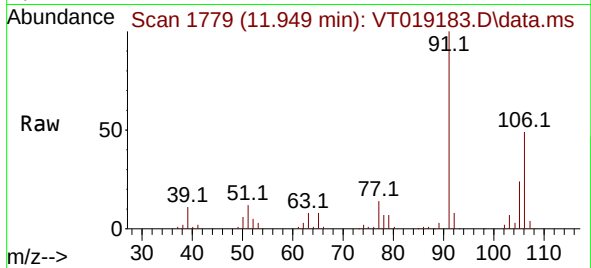
#67
m/p-Xylenes
Concen: 37.063 ug/l
RT: 11.949 min Scan# 11
Delta R.T. -0.046 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 93020
Ion Ratio Lower Upper
106 100
91 207.3 164.4 246.6

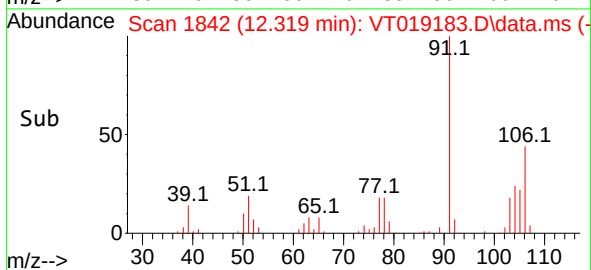
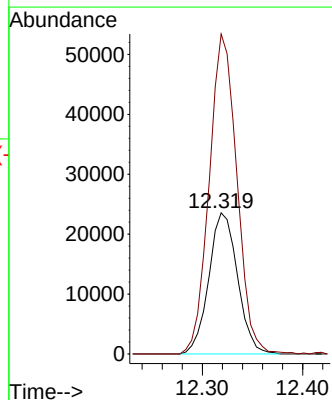
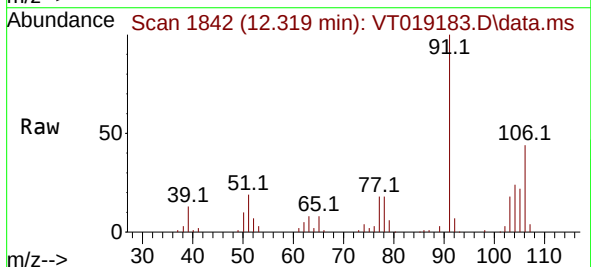
Manual Integrations
APPROVED

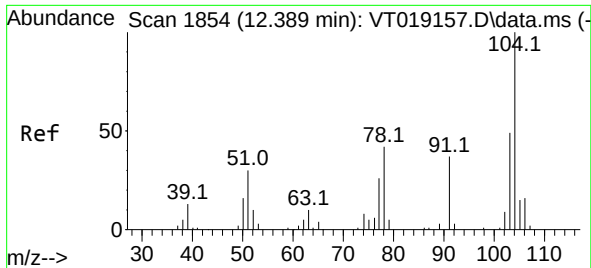
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
o-Xylene
Concen: 18.101 ug/l
RT: 12.319 min Scan# 1842
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:106 Resp: 46893
Ion Ratio Lower Upper
106 100
91 218.3 111.3 333.8





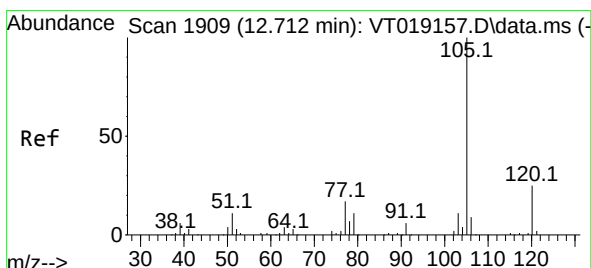
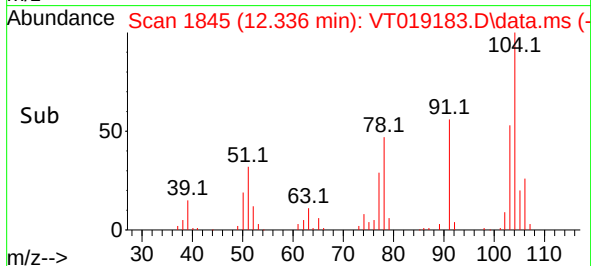
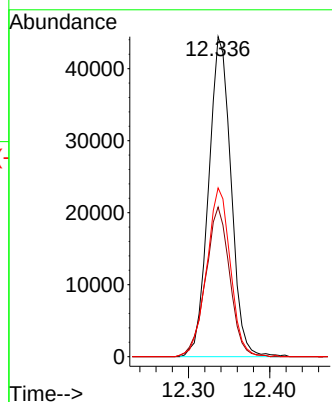
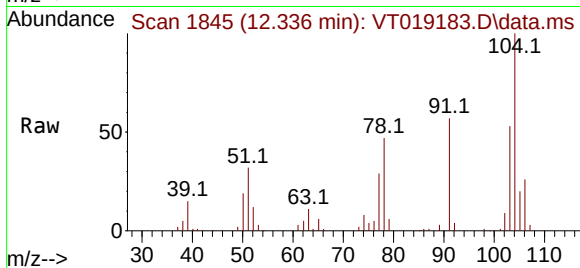
#69
Styrene
Concen: 18.317 ug/l
RT: 12.336 min Scan# 1854
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 85192
Ion Ratio Lower Upper
104 100
78 50.1 42.6 63.8
103 55.7 43.5 65.3

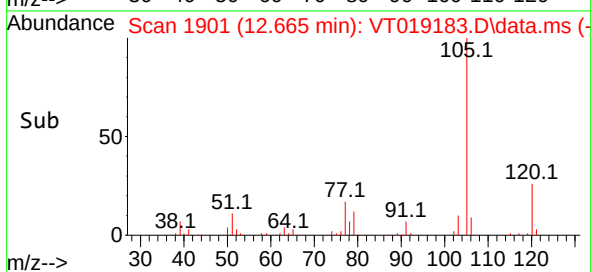
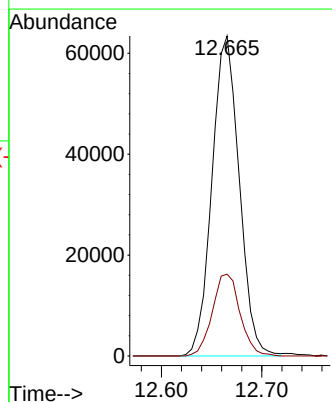
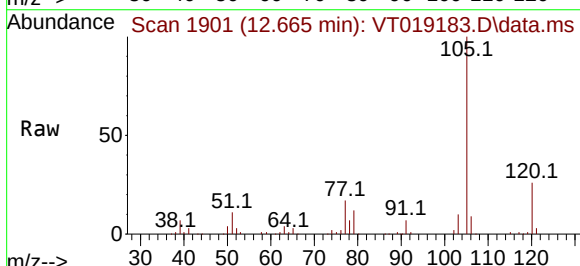
Manual Integrations
APPROVED

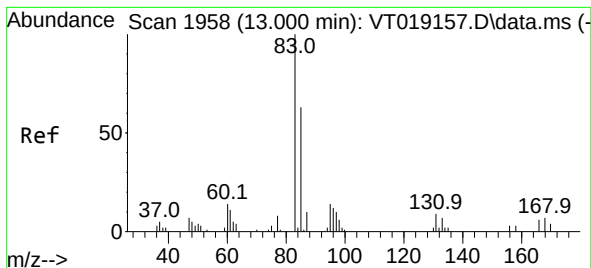
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Isopropylbenzene
Concen: 18.863 ug/l
RT: 12.665 min Scan# 1901
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:105 Resp: 119861
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.0





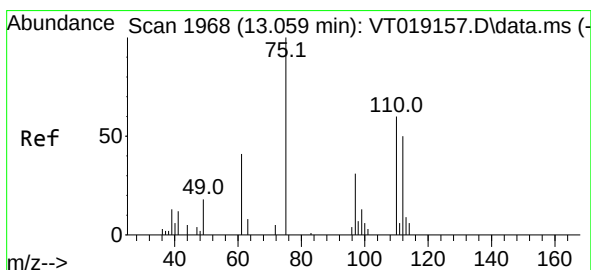
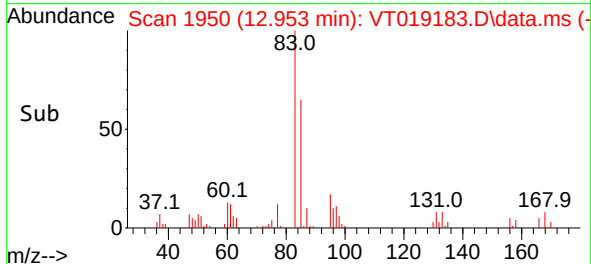
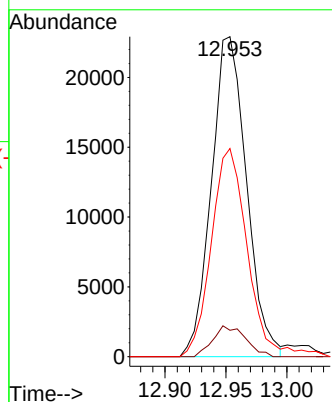
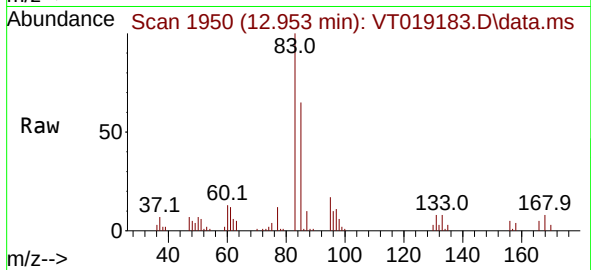
#71
1,1,2,2-Tetrachloroethane
Concen: 18.410 ug/l
RT: 12.953 min Scan# 1950
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 45899
Ion Ratio Lower Upper
83 100
131 9.0 6.0 18.0
85 67.0 32.3 96.9

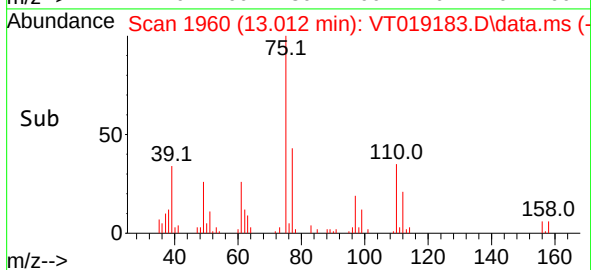
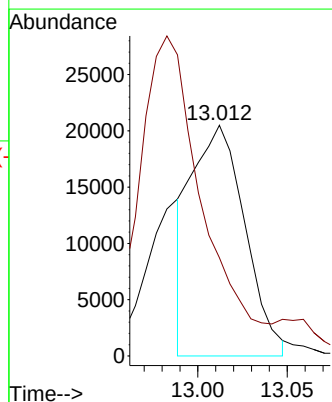
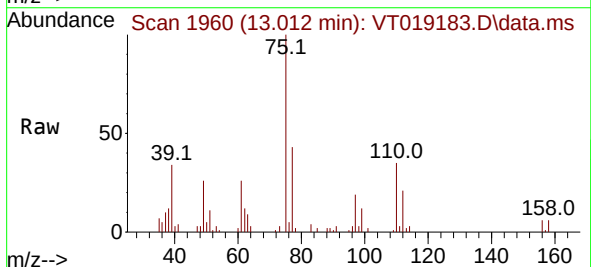
Manual Integrations
APPROVED

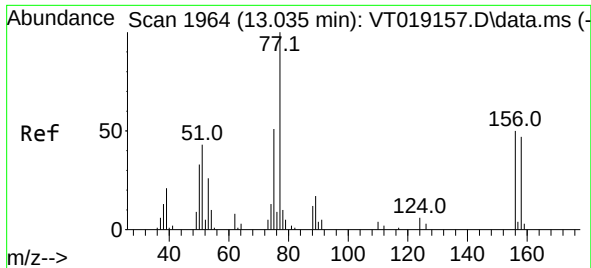
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#72
1,2,3-Trichloropropane
Concen: 23.230 ug/l m
RT: 13.012 min Scan# 1960
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 75 Resp: 42752
Ion Ratio Lower Upper
75 100
77 165.6 0.0 74.2#





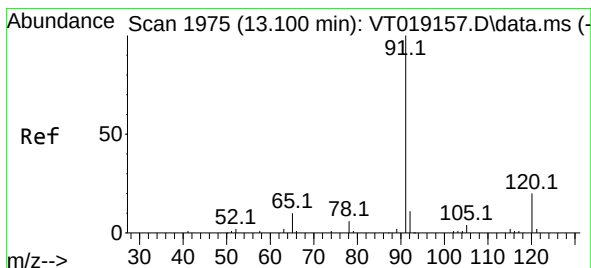
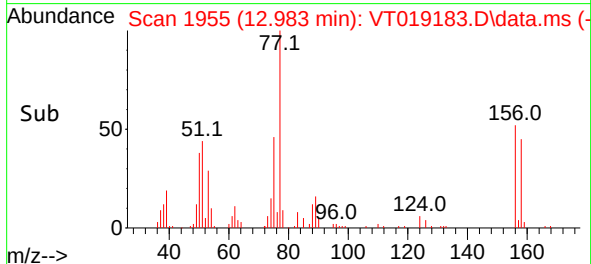
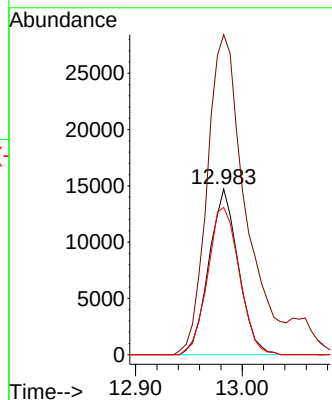
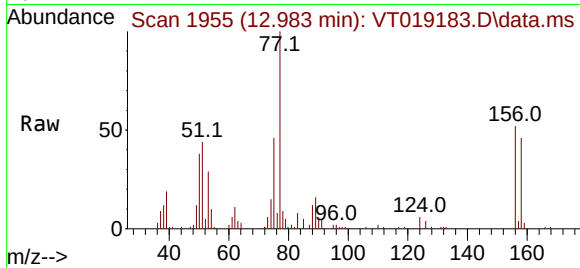
#73
Bromobenzene
Concen: 18.920 ug/l
RT: 12.983 min Scan# 1955
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 2827
Ion Ratio Lower Upper
156 100
77 250.4 0.0 340.8
158 95.5 0.0 189.0

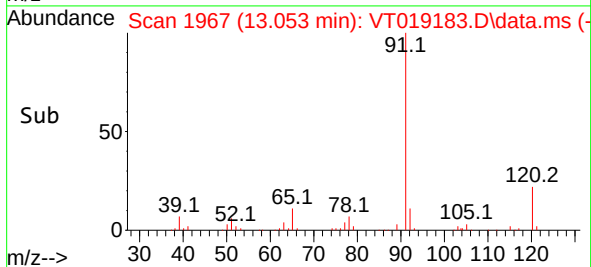
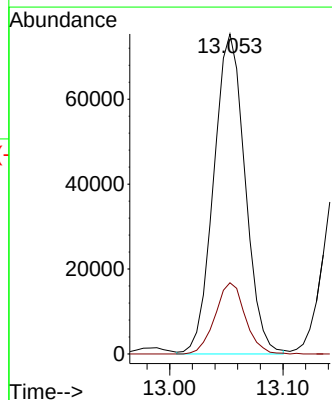
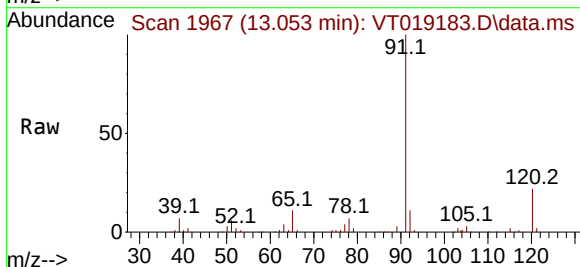
Manual Integrations
APPROVED

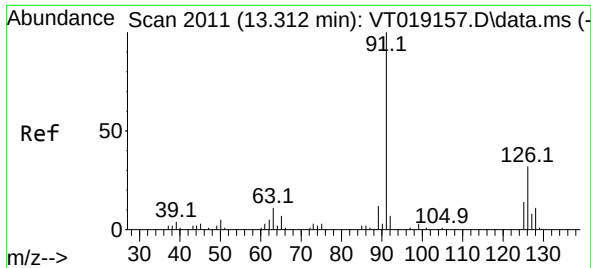
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#74
n-propylbenzene
Concen: 18.926 ug/l m
RT: 13.053 min Scan# 1967
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 91 Resp: 145011
Ion Ratio Lower Upper
91 100
120 0.0 0.0 44.4





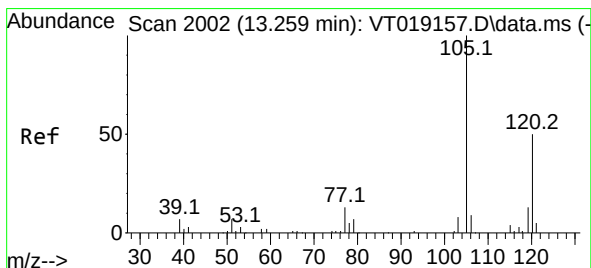
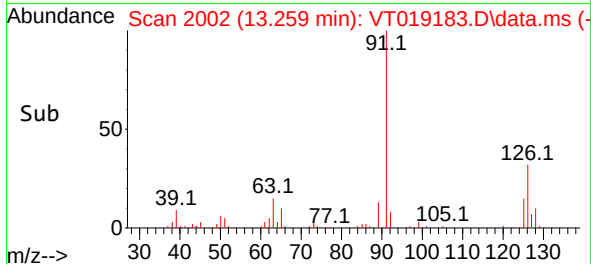
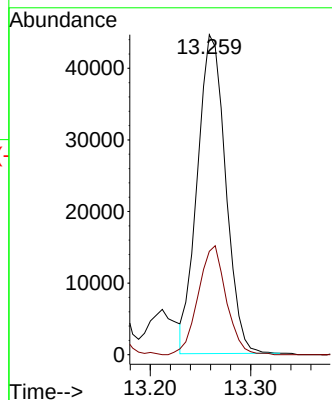
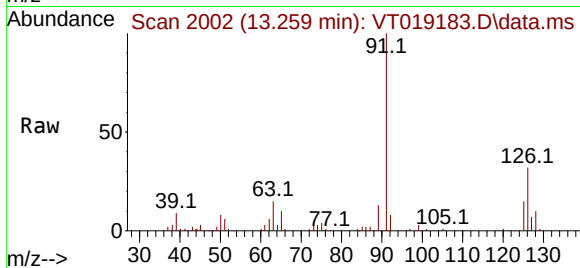
#75
2-Chlorotoluene
Concen: 18.596 ug/l
RT: 13.259 min Scan# 2011
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 87225
Ion Ratio Lower Upper
91 100
126 33.8 0.0 63.6

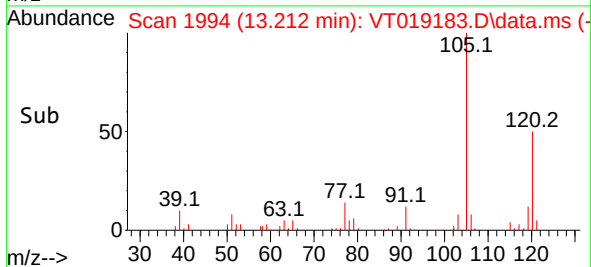
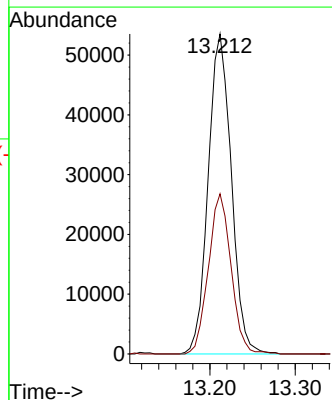
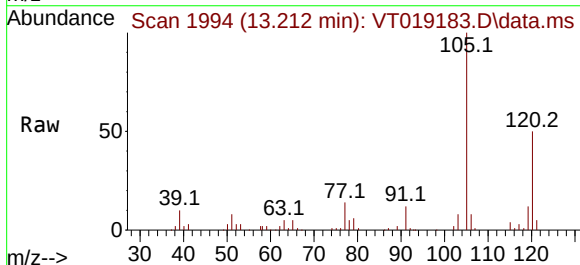
Manual Integrations
APPROVED

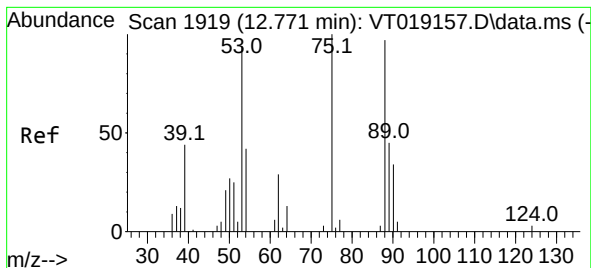
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.354 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

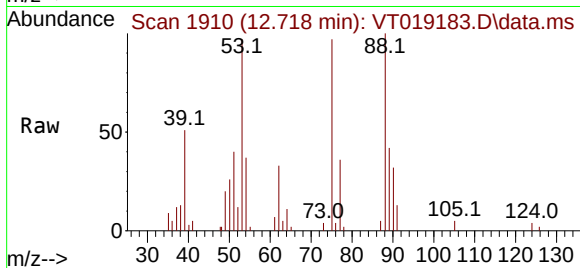
Tgt Ion:105 Resp: 100894
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.845 ug/l
RT: 12.718 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

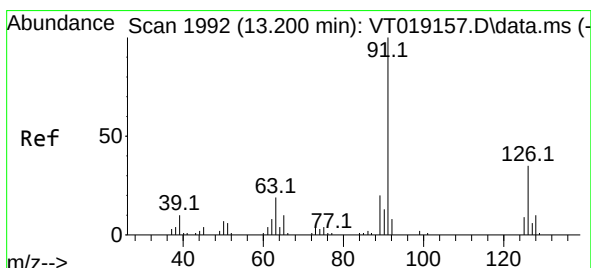
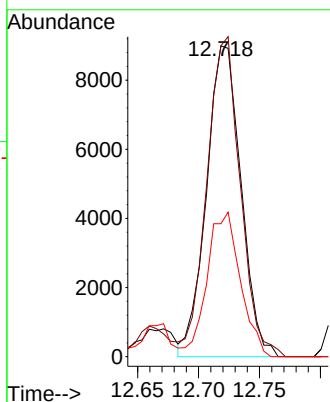
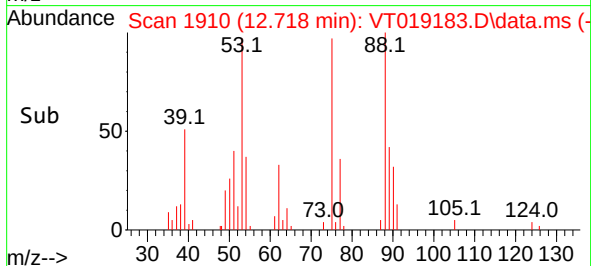
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



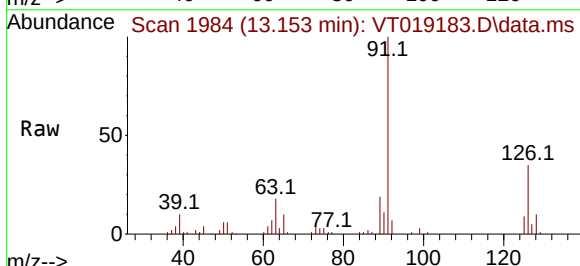
Tgt Ion: 75 Resp: 17740
Ion Ratio Lower Upper
75 100
53 97.8 48.4 145.2
89 42.8 33.8 101.3

Manual Integrations
APPROVED

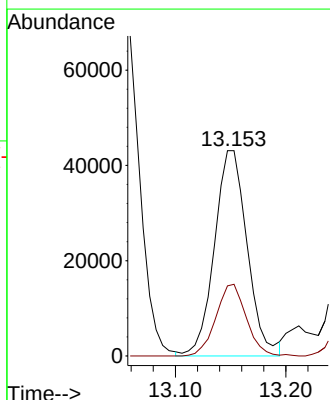
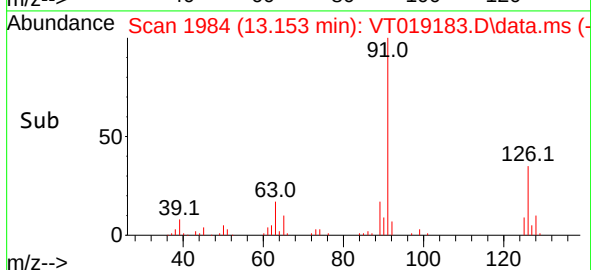
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

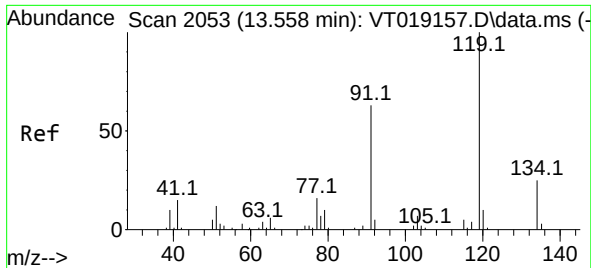


#78
4-Chlorotoluene
Concen: 19.276 ug/l m
RT: 13.153 min Scan# 1984
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion: 91 Resp: 89188
Ion Ratio Lower Upper
91 100
126 0.2 0.0 57.2





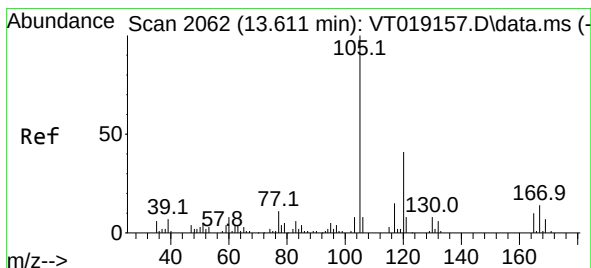
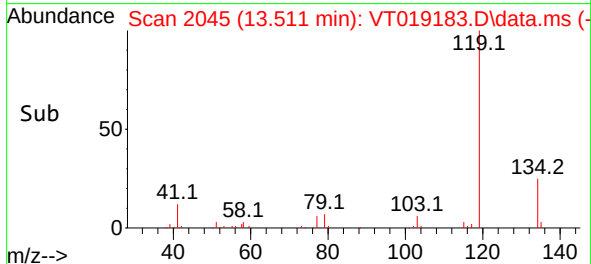
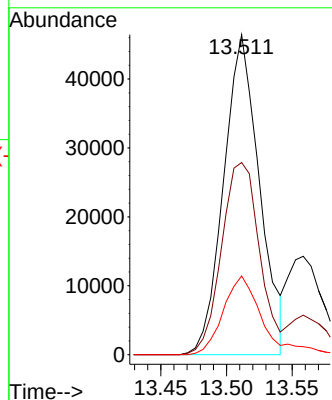
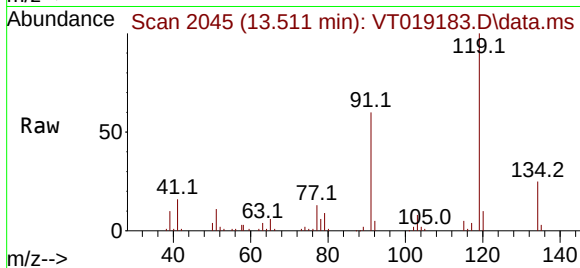
#79
tert-butylbenzene
Concen: 19.035 ug/l
RT: 13.511 min Scan# 2045
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 8813
Ion Ratio Lower Upper
119 100
91 63.8 0.0 120.6
134 24.4 0.0 46.0

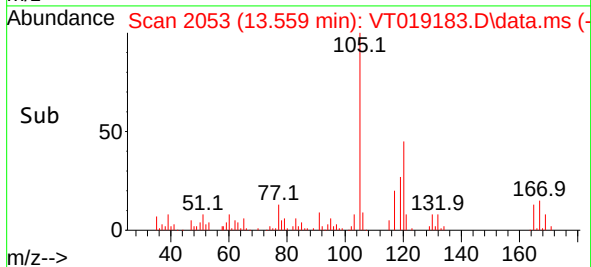
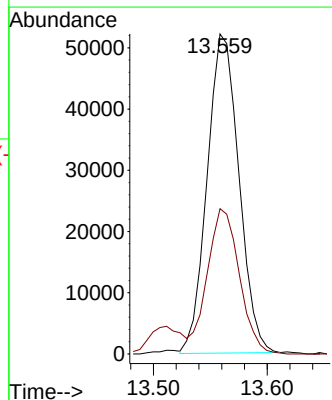
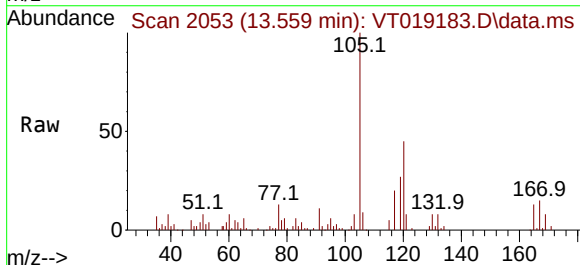
Manual Integrations
APPROVED

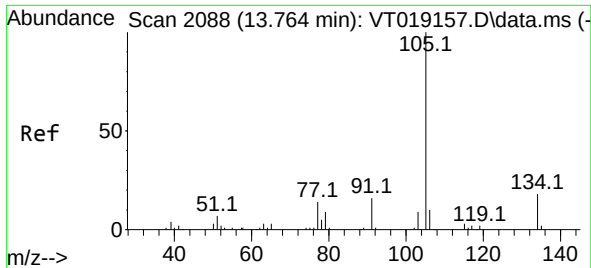
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.599 ug/l
RT: 13.559 min Scan# 2053
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:105 Resp: 101160
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.6





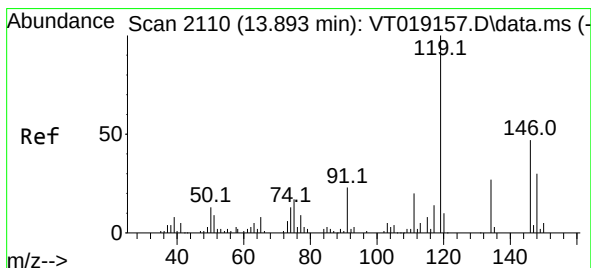
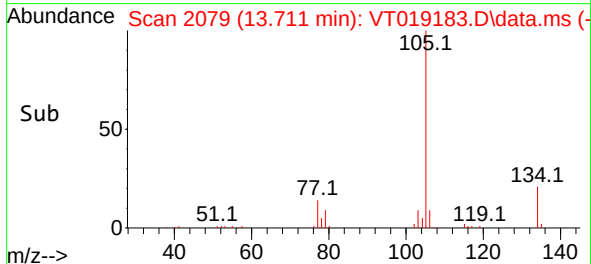
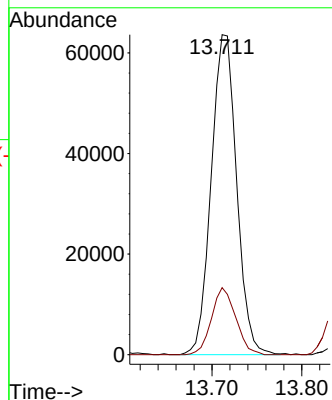
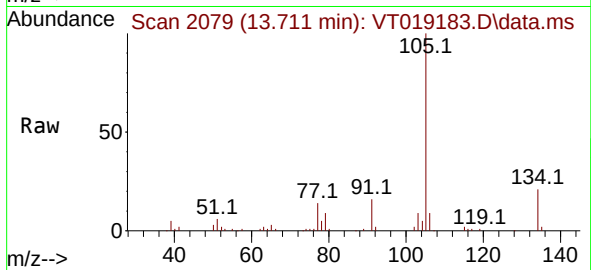
#81
 sec-Butylbenzene
 Concen: 18.761 ug/l
 RT: 13.711 min Scan# 2088
 Delta R.T. -0.053 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 12516
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

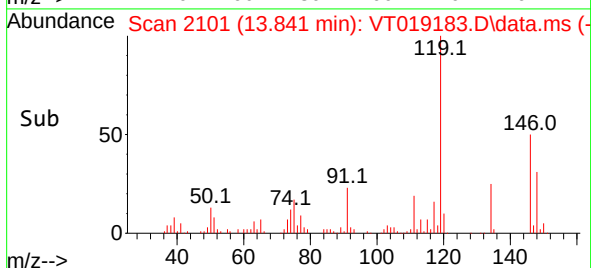
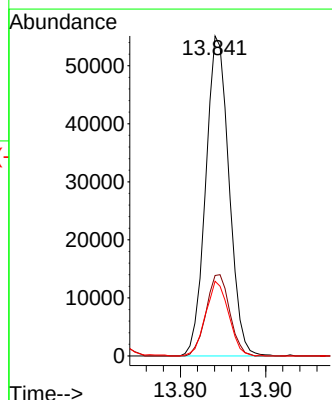
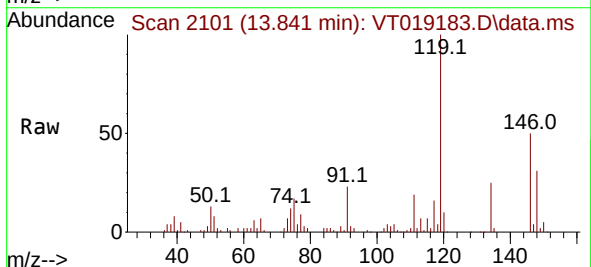
Manual Integrations
 APPROVED

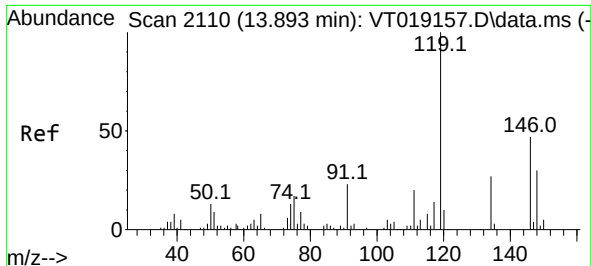
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#82
 p-Isopropyltoluene
 Concen: 18.828 ug/l
 RT: 13.841 min Scan# 2101
 Delta R.T. -0.052 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Tgt Ion:119 Resp: 104495
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 23.1 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.092 ug/l m

RT: 13.841 min Scan# 2110

Delta R.T. -0.052 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 55948

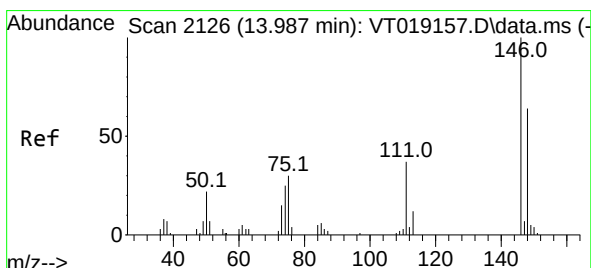
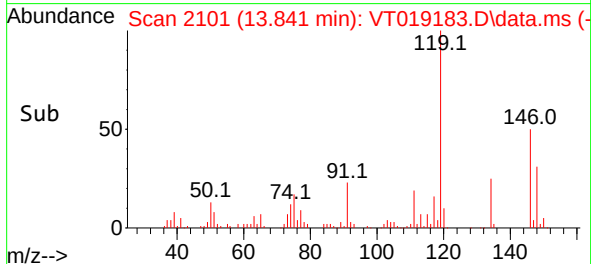
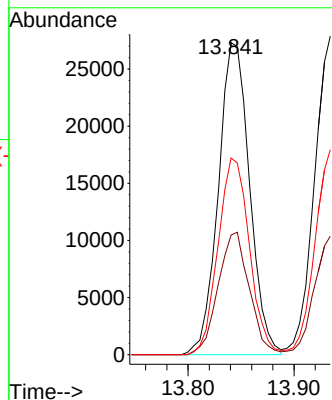
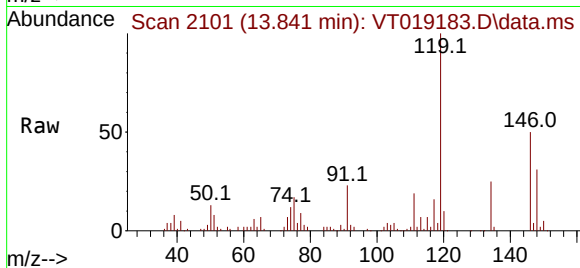
Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.7	62.1
148	64.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#84

1,4-Dichlorobenzene

Concen: 19.261 ug/l

RT: 13.935 min Scan# 2117

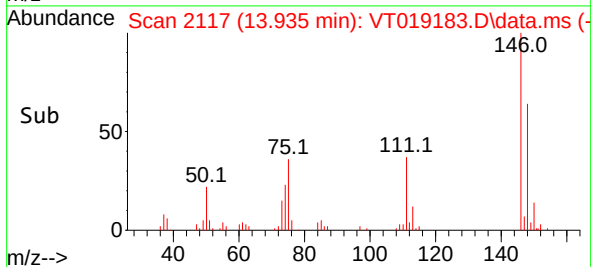
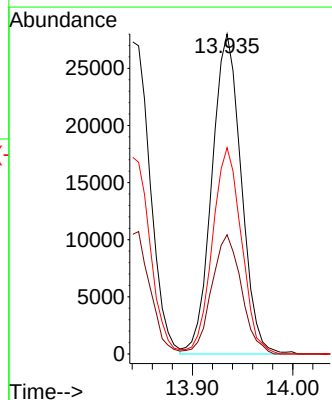
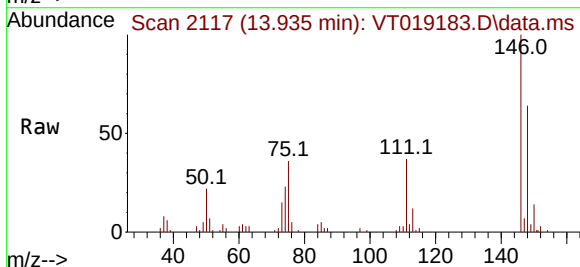
Delta R.T. -0.046 min

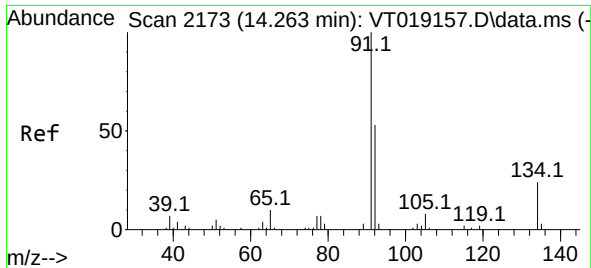
Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion:146 Resp: 56828

Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.4	61.3
148	63.9	32.3	96.8





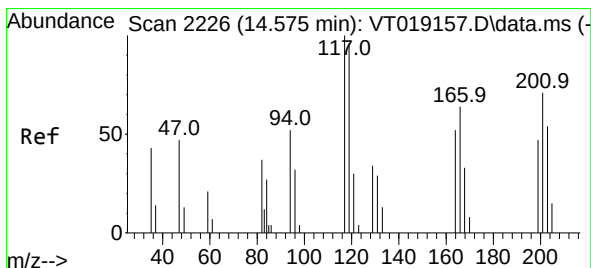
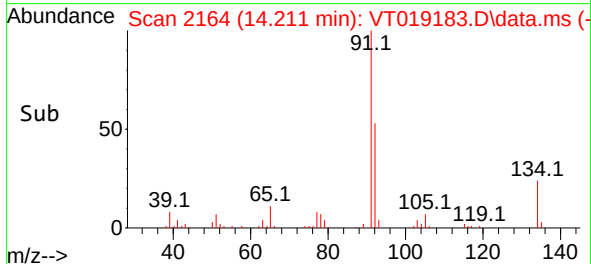
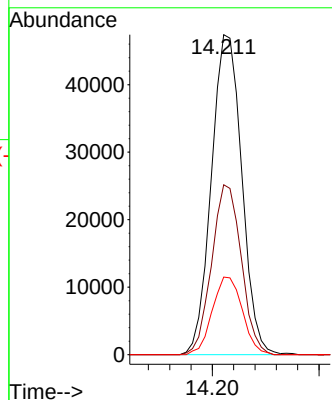
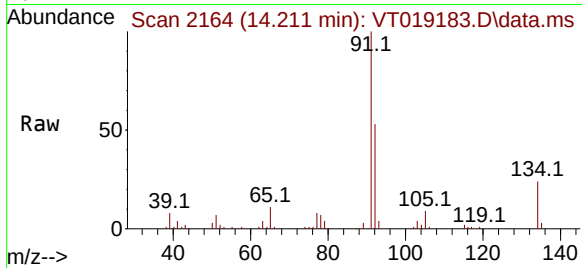
#85
n-Butylbenzene
Concen: 18.471 ug/l
RT: 14.211 min Scan# 2173
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 9382
Ion Ratio Lower Upper
91 100
92 51.7 0.0 107.8
134 24.0 0.0 50.0

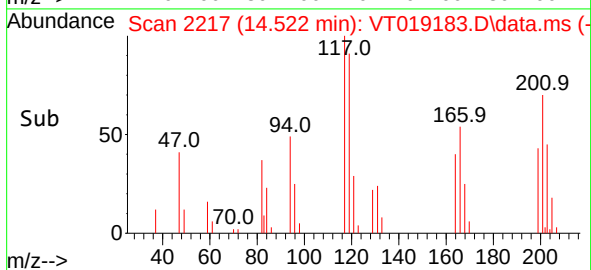
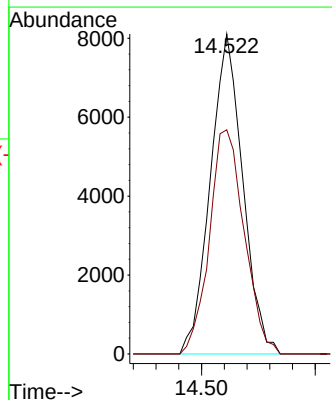
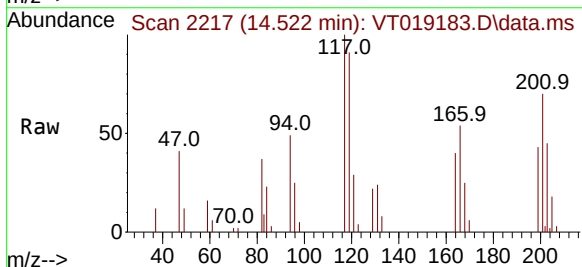
Manual Integrations
APPROVED

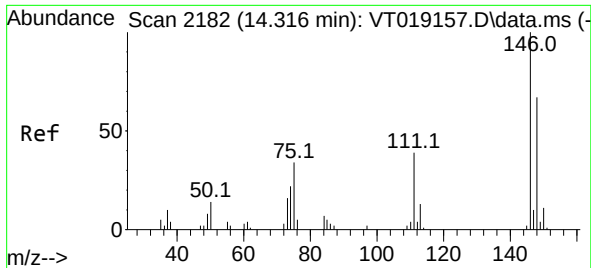
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#86
Hexachloroethane
Concen: 21.617 ug/l
RT: 14.522 min Scan# 2217
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

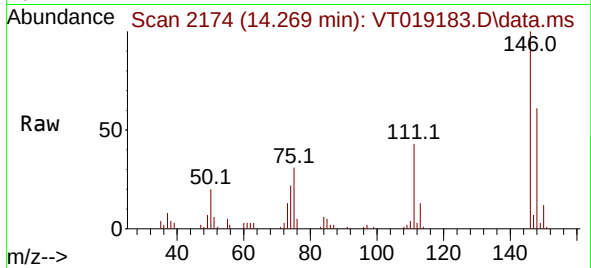
Tgt Ion:117 Resp: 16078
Ion Ratio Lower Upper
117 100
201 75.1 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 18.977 ug/l
RT: 14.269 min Scan# 2182
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

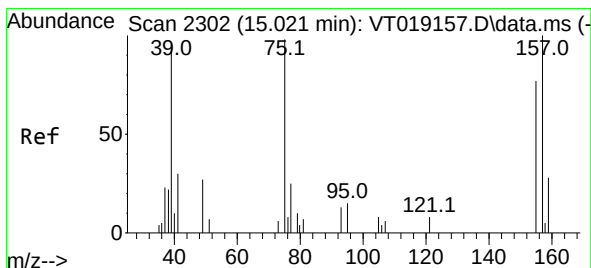
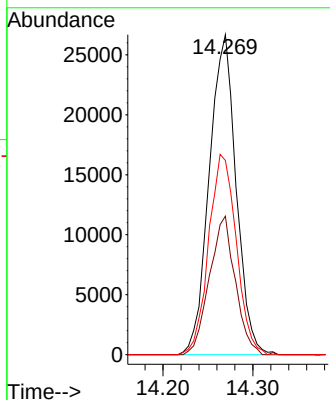
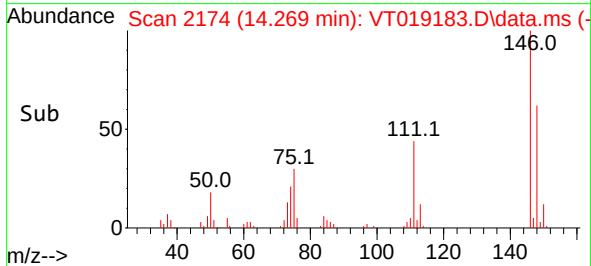
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 5555
Ion Ratio Lower Upper
146 100
111 41.6 21.8 65.3
148 64.3 32.4 97.0

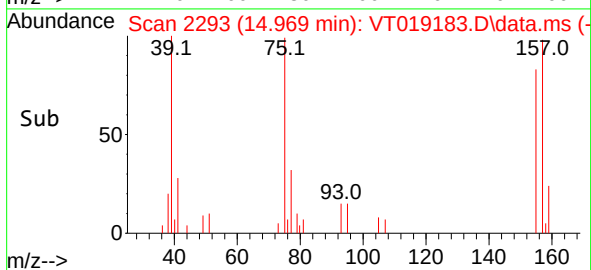
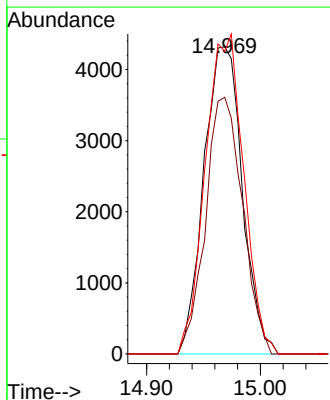
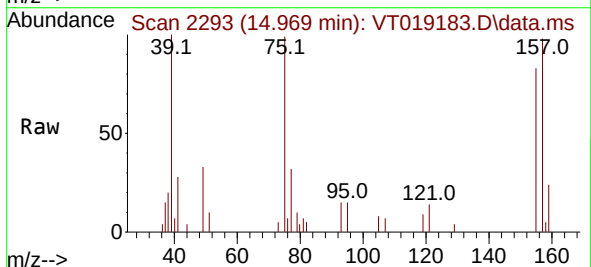
Manual Integrations
APPROVED

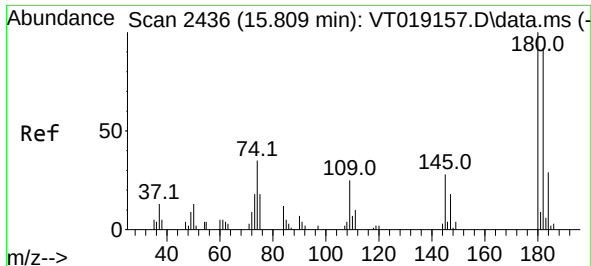
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.479 ug/l
RT: 14.969 min Scan# 2293
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 75 Resp: 10122
Ion Ratio Lower Upper
75 100
155 80.7 65.4 98.2
157 103.9 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 18.683 ug/l

RT: 15.750 min Scan# 2436

Delta R.T. -0.059 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

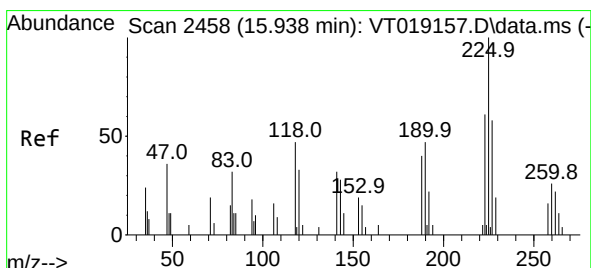
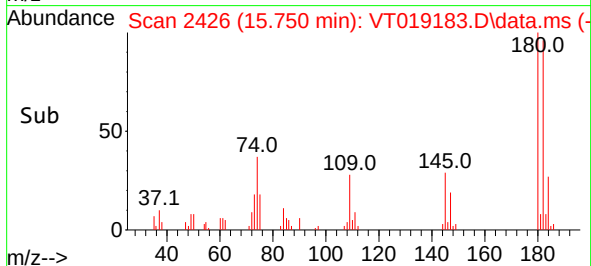
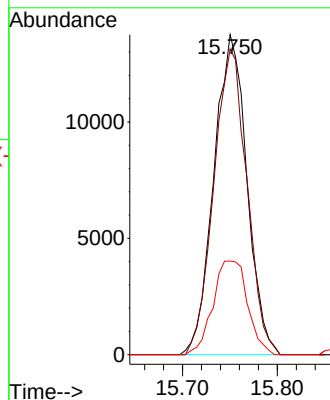
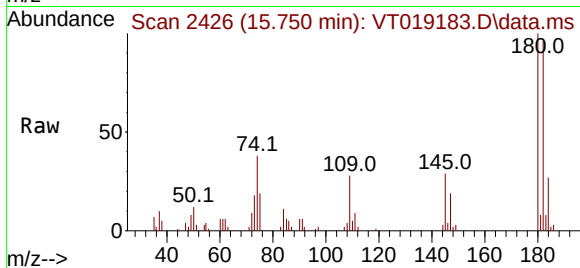
Tgt Ion:180 Resp: 33290
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.2 117.2
 145 30.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#90

Hexachlorobutadiene

Concen: 19.648 ug/l

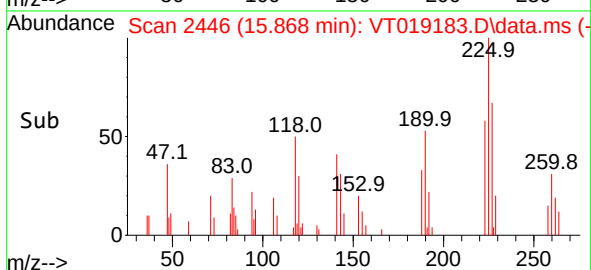
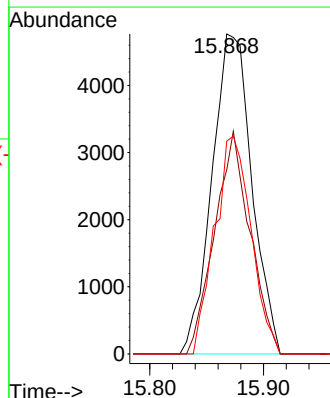
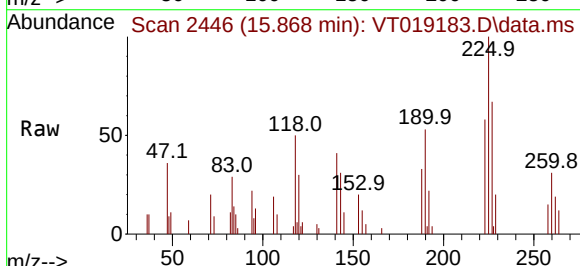
RT: 15.868 min Scan# 2446

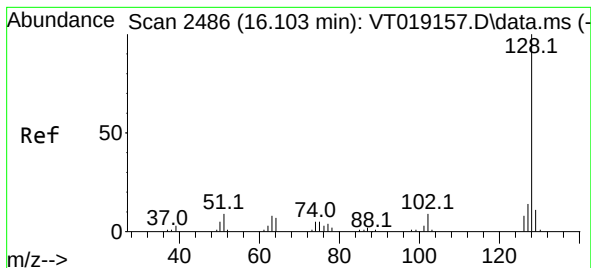
Delta R.T. -0.070 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

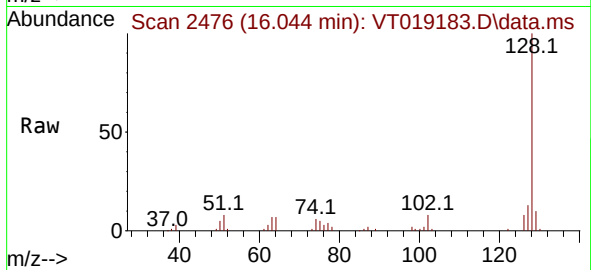
Tgt Ion:225 Resp: 11610
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 73.8
 227 62.1 0.0 130.6





#91
Naphthalene
Concen: 17.604 ug/l
RT: 16.044 min Scan# 2486
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

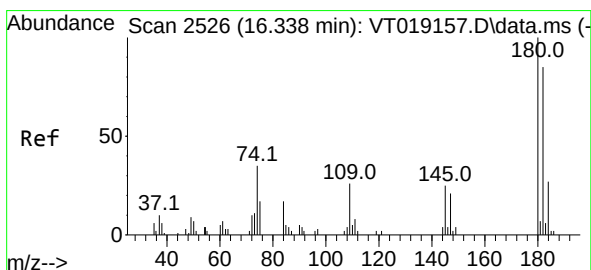
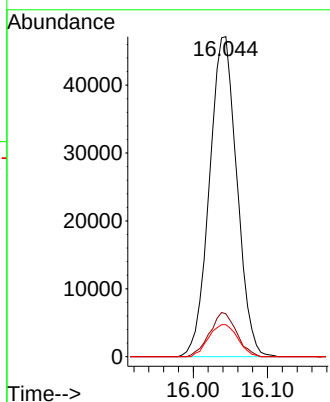
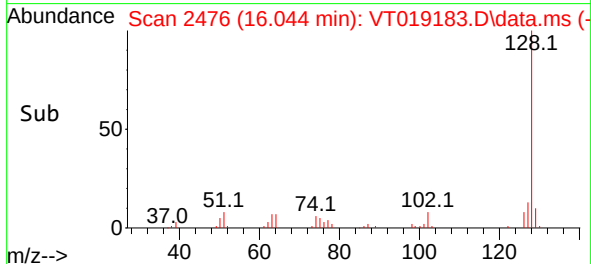
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



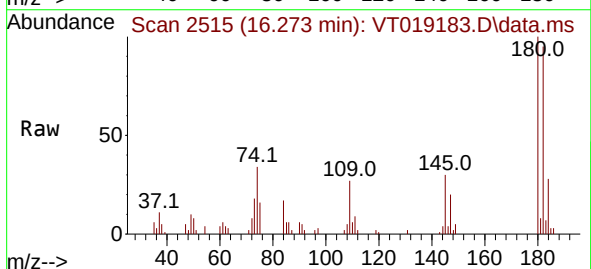
Tgt Ion:128 Resp: 121262
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.731 ug/l
RT: 16.273 min Scan# 2515
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion:180 Resp: 33694
Ion Ratio Lower Upper
180 100
182 95.0 0.0 189.0
145 32.0 0.0 69.2

