

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019161.D
 Acq On : 22 Oct 2025 17:32
 Operator : SY/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT102225

Quant Time: Oct 24 06:25:17 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

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

Internal Standards						
1) Bromochloromethane	7.078	128	21047	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.576	114	136711	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.755	117	115267	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.971	65	56964	30.893	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	12.883	95	53270	29.405	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.000%			
63) Toluene-d8	10.256	98	164772	29.369	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.884	85	10038	17.378	ug/l	97
3) Chloromethane	2.101	50	25922m	19.551	ug/l	
4) Vinyl Chloride	2.201	62	25268	17.052	ug/l	99
5) Bromomethane	2.554	94	24356	19.792	ug/l	89
6) Chloroethane	2.689	64	23294	17.825	ug/l	99
7) Trichlorofluoromethane	2.994	101	41208	17.148	ug/l	96
8) Diethyl Ether	3.364	74	27302	18.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.693	101	15895	16.847	ug/l	98
10) 1,1-Dichloroethene	3.664	96	15929	16.854	ug/l	94
11) Methyl Iodide	3.870	142	16321	17.720	ug/l	# 10
12) Methyl Acetate	4.228	43	76982	20.597	ug/l	98
13) Acrolein	3.541	56	7433	58.968	ug/l	99
14) Acrylonitrile	4.851	53	103744	90.056	ug/l	98
15) Acetone	3.746	58	35190	85.738	ug/l	100
16) Carbon Disulfide	3.970	76	29868	16.920	ug/l	96
17) Allyl chloride	4.228	41	41242	18.357	ug/l	95
18) Methylene Chloride	4.440	84	25359	17.990	ug/l	98
19) trans-1,2-Dichloroethene	6.690	96	25934	17.835	ug/l	97
20) Diisopropyl ether	5.809	45	100877	17.638	ug/l	# 67
21) 1,1-Dichloroethane	5.703	63	46676	17.466	ug/l	98
22) cis-1,2-Dichloroethene	6.690	96	25934	17.835	ug/l	93
23) tert-Butyl Alcohol	4.675	59	45740	90.628	ug/l	# 100
24) Methyl tert-Butyl Ether	4.910	73	100281	17.657	ug/l	# 83
25) Chloroform	7.272	83	43409	17.757	ug/l	96
26) Cyclohexane	7.565	56	27010	17.223	ug/l	# 97
29) 1,1-Dichloropropene	7.718	75	23846	16.669	ug/l	97
30) 2-Butanone	6.708	43	148224	84.062	ug/l	# 97
31) 2,2-Dichloropropane	6.690	77	35920	17.150	ug/l	# 89
32) 1,1,1-Trichloroethane	7.477	97	30455	16.898	ug/l	# 75
33) Carbon Tetrachloride	7.701	117	19980	17.302	ug/l	# 93
34) Benzene	7.983	78	91044	17.178	ug/l	# 79
35) Methacrylonitrile	7.048	41	24920	16.604	ug/l	94
36) 1,2-Dichloroethane	8.071	62	34133	17.373	ug/l	99
37) Trichloroethene	8.852	130	16254	16.671	ug/l	97
38) Methylcyclohexane	9.122	83	22860	15.868	ug/l	99
39) 1,2-Dichloropropane	9.169	63	23158	16.683	ug/l	# 87
40) Dibromomethane	9.263	93	14991	17.515	ug/l	# 73
41) Bromodichloromethane	10.791	83	19930	18.129	ug/l	# 96
42) Vinyl Acetate	5.750	43	359650	83.134	ug/l	98

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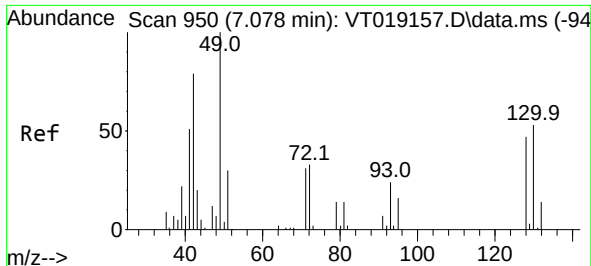
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.807	43	47097	16.248	ug/l #	92
44) Isopropyl Acetate	8.124	43	79285	17.380	ug/l	97
45) 1,4-Dioxane	9.258	88	13960	352.737	ug/l #	76
46) Methyl methacrylate	9.258	41	35944	17.622	ug/l	78
47) n-amyl Acetate	12.495	43	54302	17.689	ug/l	99
48) t-1,3-Dichloropropene	10.585	75	35318	17.705	ug/l	99
49) cis-1,3-Dichloropropene	9.974	75	36460	17.399	ug/l	96
50) 1,1,2-Trichloroethane	10.791	97	21996	17.473	ug/l #	88
51) Ethyl methacrylate	10.638	69	41450	17.570	ug/l	94
52) 1,3-Dichloropropane	10.956	76	39676	17.646	ug/l	99
53) Dibromochloromethane	11.179	129	20599	17.542	ug/l #	2
54) 1,2-Dibromoethane	11.296	107	20990	17.927	ug/l	98
55) 2-Chloroethyl vinyl ether	9.810	63	60090	87.333	ug/l	99
56) Bromoform	12.577	173	14150	18.330	ug/l #	23
58) 4-Methyl-2-Pentanone	10.133	43	240935	85.352	ug/l	97
59) 2-Hexanone	10.133	43	240935	85.352	ug/l #	83
61) Tetrachloroethene	10.867	164	12657	17.372	ug/l	91
62) Toluene	10.327	91	89053	17.249	ug/l	100
64) Chlorobenzene	11.778	112	54770	17.368	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.866	131	17940	17.465	ug/l	91
66) Ethyl Benzene	11.866	91	94980	16.927	ug/l	97
67) m/p-Xylenes	11.996	106	71003	34.041	ug/l	100
68) o-Xylene	12.366	106	37081	17.223	ug/l	94
69) Styrene	12.383	104	65754	17.011	ug/l	96
70) Isopropylbenzene	12.712	105	90665	17.168	ug/l	98
71) 1,1,2,2-Tetrachloroethane	13.000	83	37711	18.200	ug/l	98
72) 1,2,3-Trichloropropane	13.059	75	30790m	20.131	ug/l	
73) Bromobenzene	13.030	156	21653	17.436	ug/l	61
74) n-propylbenzene	13.100	91	108409	17.024	ug/l	98
75) 2-Chlorotoluene	13.306	91	67498	17.315	ug/l	98
76) 1,3,5-Trimethylbenzene	13.259	105	75906	17.520	ug/l	95
77) t-1,4-Dichloro-2-butene	12.765	75	13084	17.606	ug/l	83
78) 4-Chlorotoluene	13.200	91	66443	17.279	ug/l	94
79) tert-butylbenzene	13.558	119	66526	17.289	ug/l	95
80) 1,2,4-Trimethylbenzene	13.605	105	78331	17.329	ug/l	98
81) sec-Butylbenzene	13.758	105	94645	17.070	ug/l	97
82) p-Isopropyltoluene	13.887	119	78410	16.999	ug/l	97
83) 1,3-Dichlorobenzene	13.887	146	42146	17.305	ug/l	98
84) 1,4-Dichlorobenzene	13.982	146	43233	17.631	ug/l	98
85) n-Butylbenzene	14.258	91	70056	16.595	ug/l	98
86) Hexachloroethane	14.569	117	11339	18.344	ug/l #	1
87) 1,2-Dichlorobenzene	14.316	146	42715	17.557	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	15.016	75	8222	18.061	ug/l	98
89) 1,2,4-Trichlorobenzene	15.803	180	25851	17.454	ug/l	97
90) Hexachlorobutadiene	15.926	225	8538	17.386	ug/l	85
91) Naphthalene	16.097	128	99652	17.407	ug/l	98
92) 1,2,3-Trichlorobenzene	16.326	180	26352	17.627	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.078 min Scan# 950
Delta R.T. -0.000 min
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MSVOA_T

ClientSampleId :

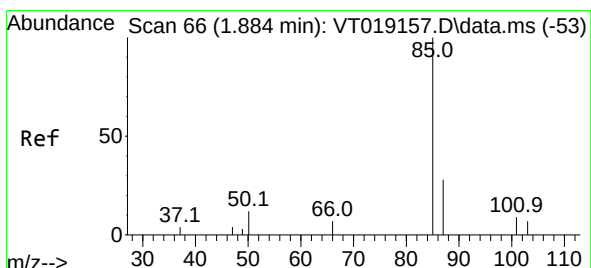
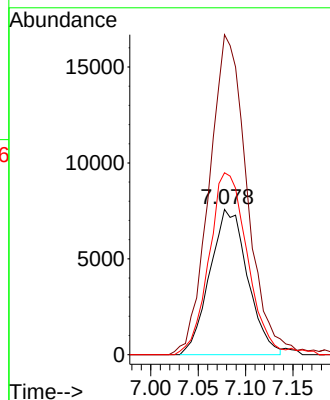
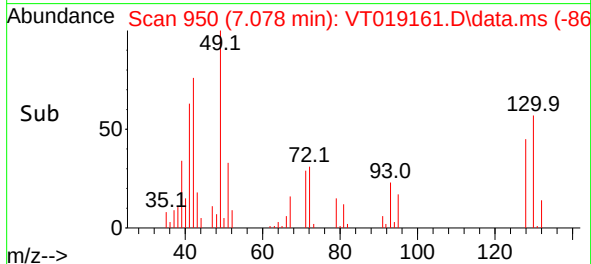
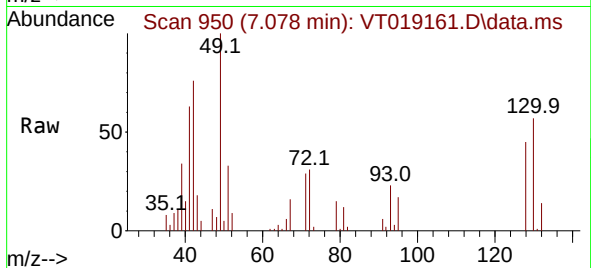
ICVT102225

Tgt Ion:128 Resp: 2104
Ion Ratio Lower Upper
128 100
49 219.4 0.0 0.0
130 126.2 0.0 0.0

Manual Integrations

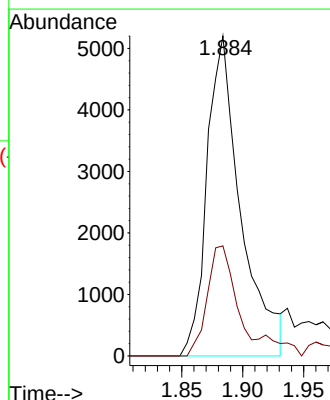
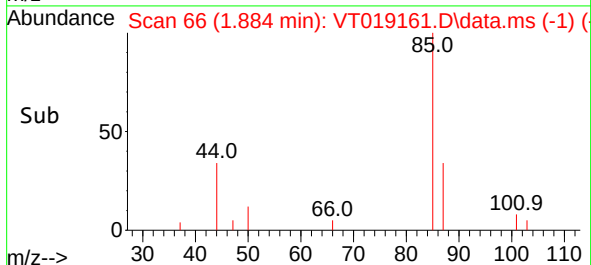
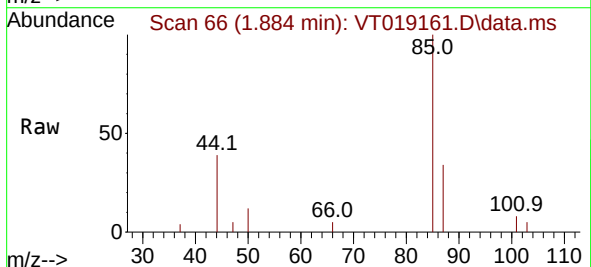
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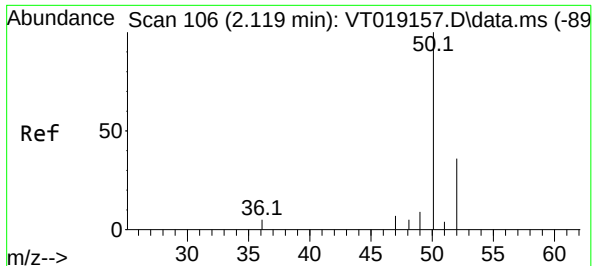
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 17.378 ug/l
RT: 1.884 min Scan# 66
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

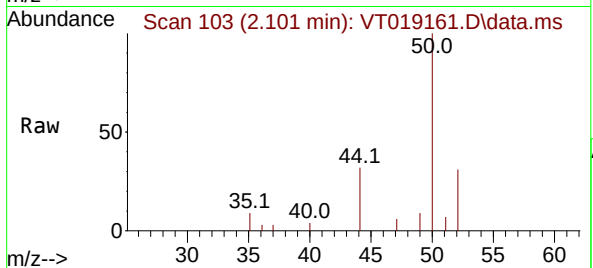
Tgt Ion: 85 Resp: 10038
Ion Ratio Lower Upper
85 100
87 34.4 16.4 49.1





#3
Chloromethane
Concen: 19.551 ug/l m
RT: 2.101 min Scan# 10
Delta R.T. -0.012 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

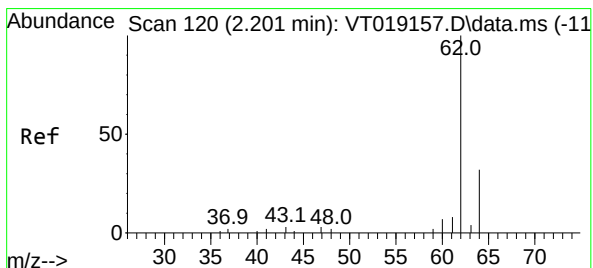
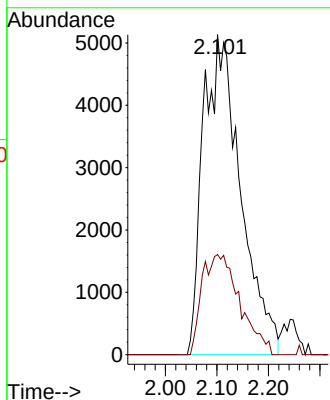
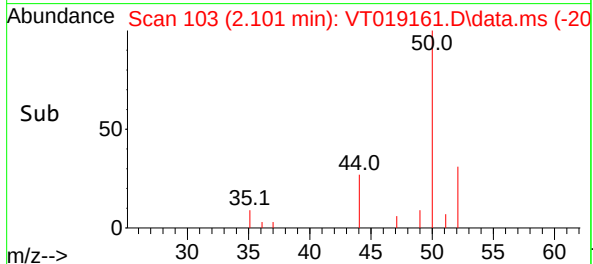
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion: 50 Resp: 2592
Ion Ratio Lower Upper
50 100
52 31.3 24.4 36.6

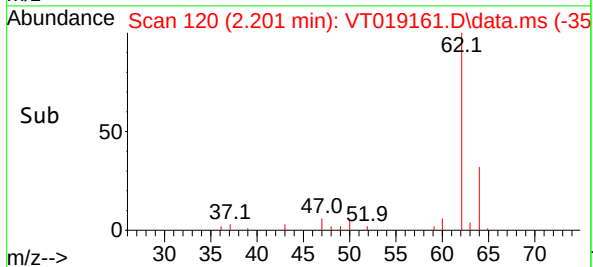
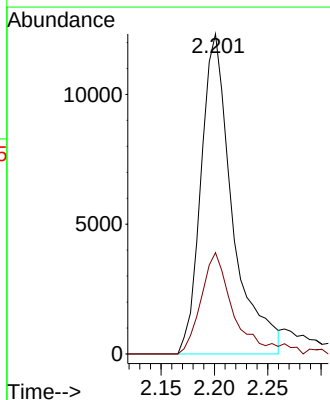
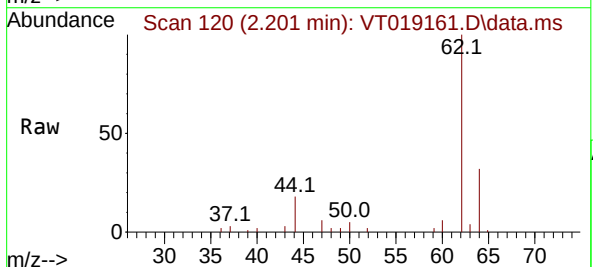
Manual Integrations
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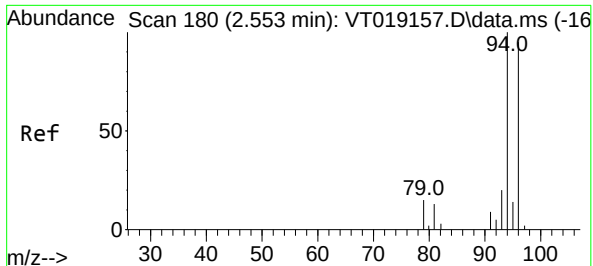
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 17.052 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 62 Resp: 25268
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





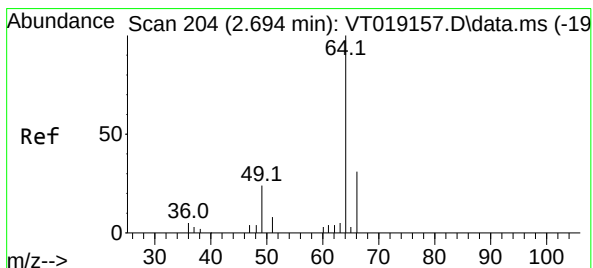
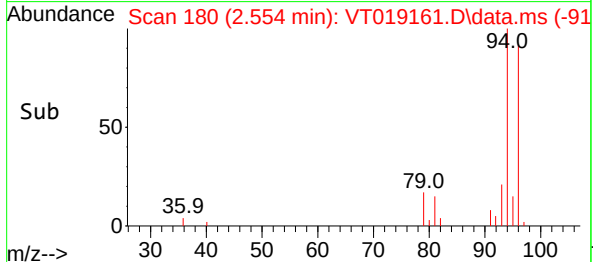
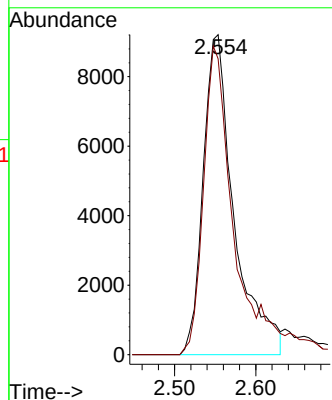
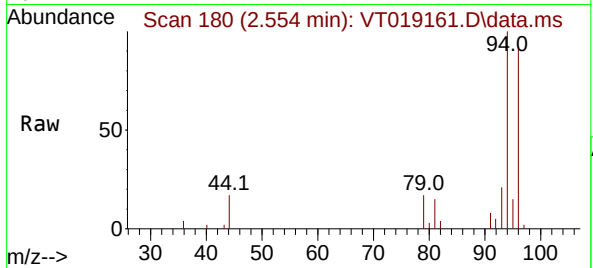
#5
Bromomethane
Concen: 19.792 ug/l
RT: 2.554 min Scan# 180
Delta R.T. 0.024 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

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Tgt Ion: 94 Resp: 24350
Ion Ratio Lower Upper
94 100
96 92.4 66.0 99.0

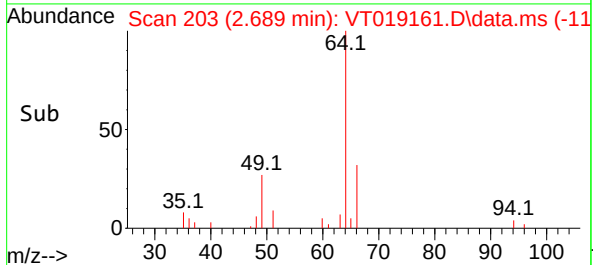
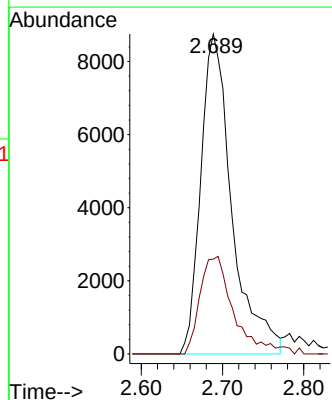
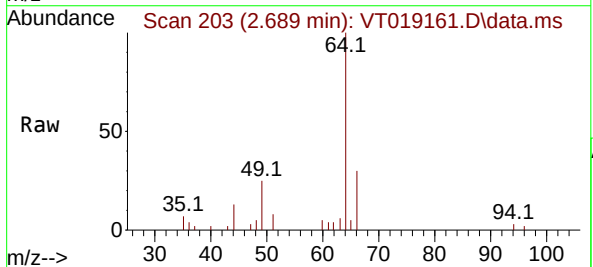
Manual Integrations
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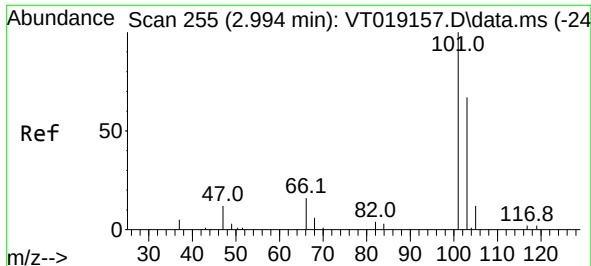
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 17.825 ug/l
RT: 2.689 min Scan# 203
Delta R.T. 0.012 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 64 Resp: 23294
Ion Ratio Lower Upper
64 100
66 29.6 24.3 36.5





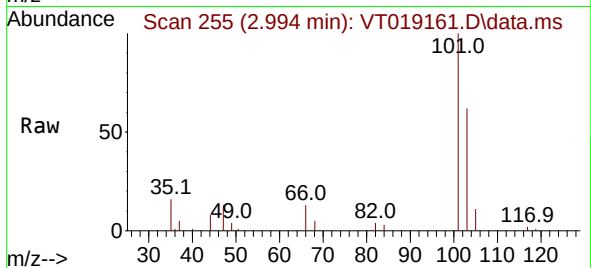
#7
 Trichlorofluoromethane
 Concen: 17.148 ug/l
 RT: 2.994 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

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MSVOA_T

ClientSampleId :

ICVVT102225

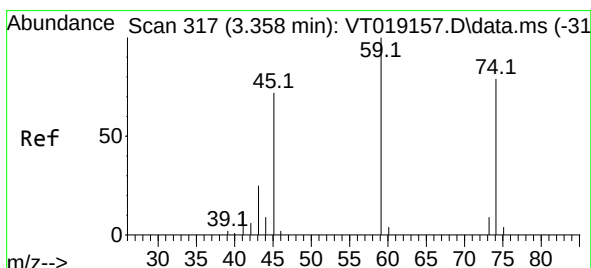
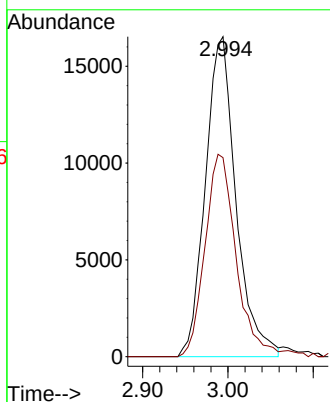
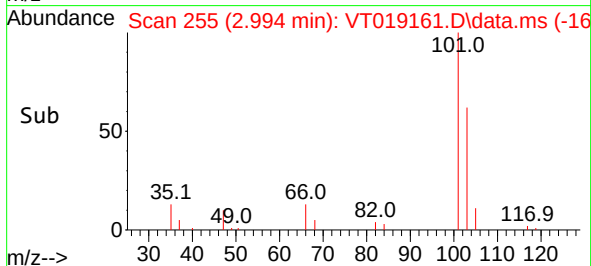


Tgt Ion:101 Resp: 41208
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.4 78.6

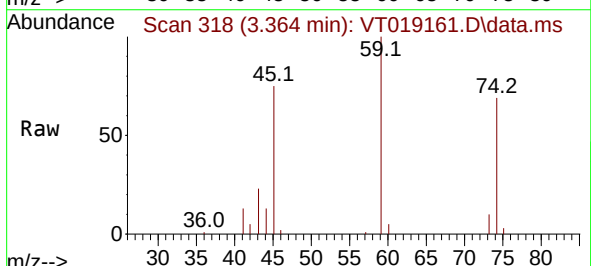
Manual Integrations

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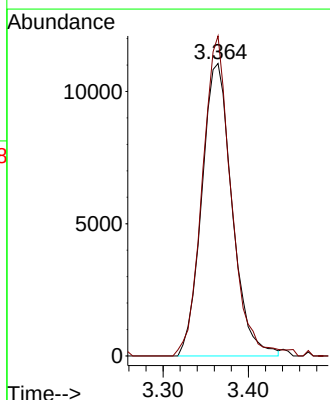
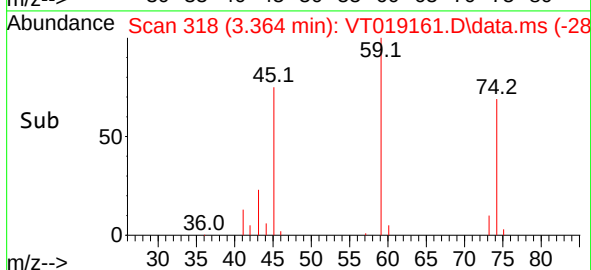
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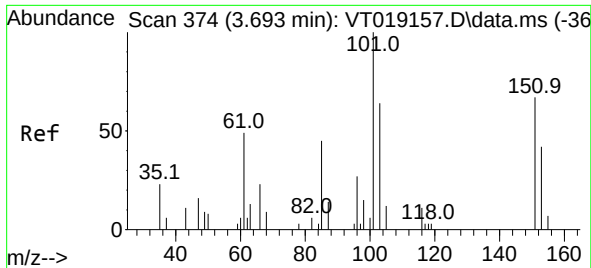


#8
 Diethyl Ether
 Concen: 18.453 ug/l
 RT: 3.364 min Scan# 318
 Delta R.T. 0.006 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32



Tgt Ion: 74 Resp: 27302
 Ion Ratio Lower Upper
 74 100
 45 104.0 22.0 197.6





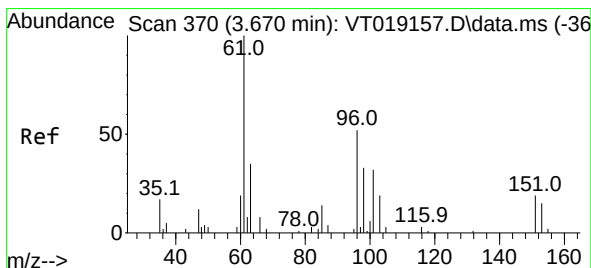
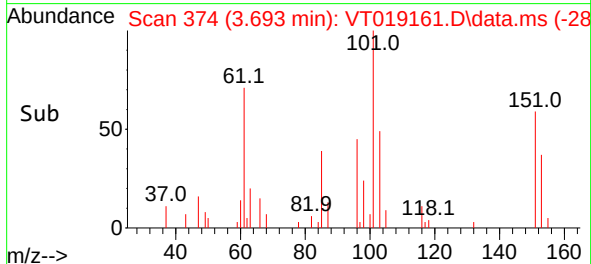
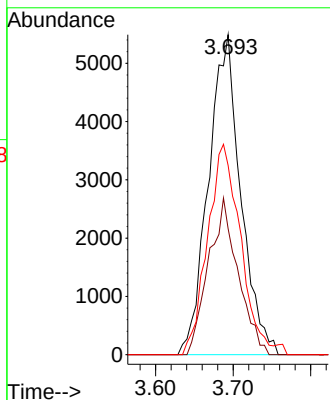
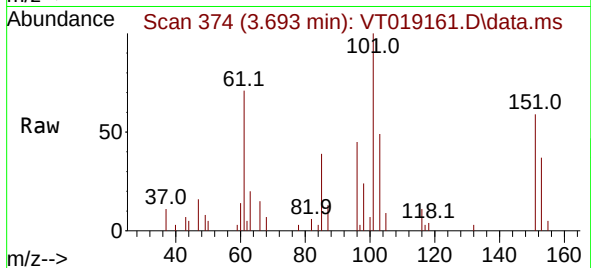
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.847 ug/l
 RT: 3.693 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: VT019161.D
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Instrument :
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 ICVT102225

Tgt Ion:101 Resp: 1589
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 91.8
 151 66.9 0.0 137.2

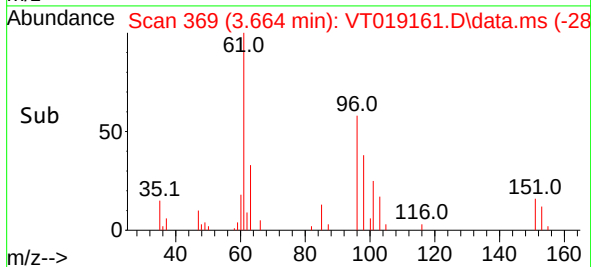
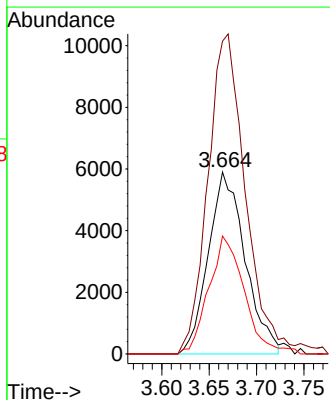
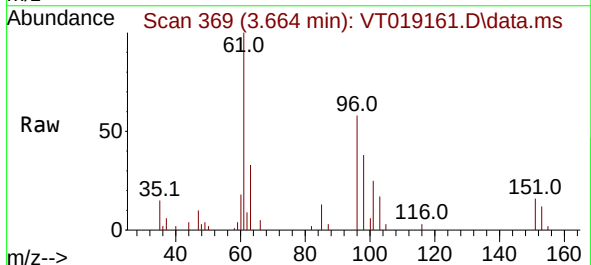
Manual Integrations
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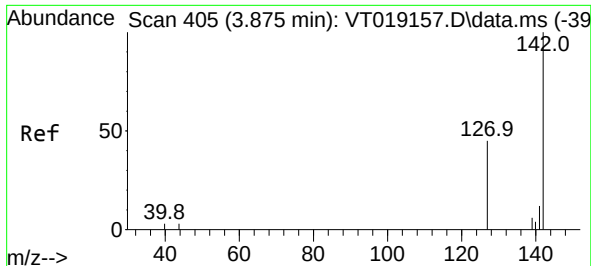
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#10
 1,1-Dichloroethene
 Concen: 16.854 ug/l
 RT: 3.664 min Scan# 369
 Delta R.T. -0.006 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

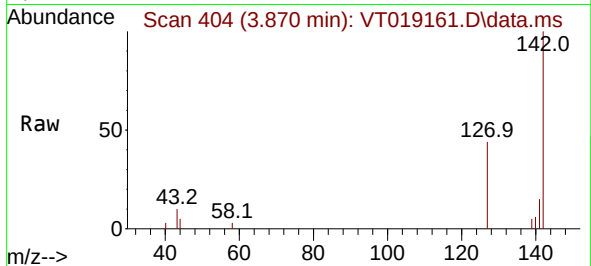
Tgt Ion: 96 Resp: 15929
 Ion Ratio Lower Upper
 96 100
 61 171.9 145.5 218.3
 98 64.8 49.5 74.3





#11
Methyl Iodide
Concen: 17.720 ug/l
RT: 3.870 min Scan# 405
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

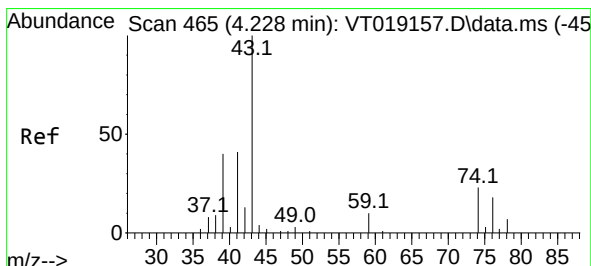
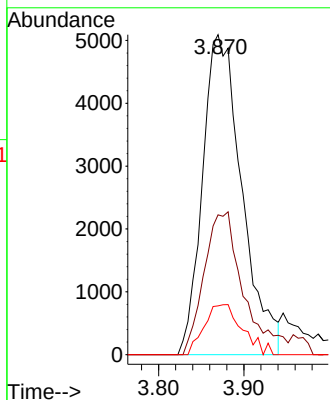
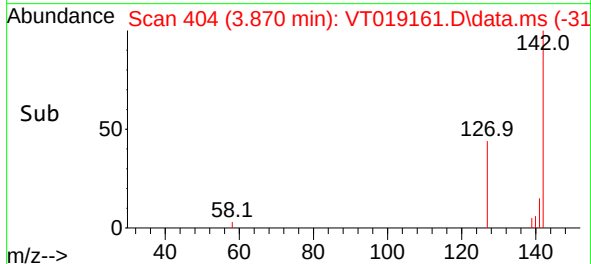
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion:142 Resp: 1632
Ion Ratio Lower Upper
142 100
127 42.8 0.9 2.8
141 16.1 55.5 166.5

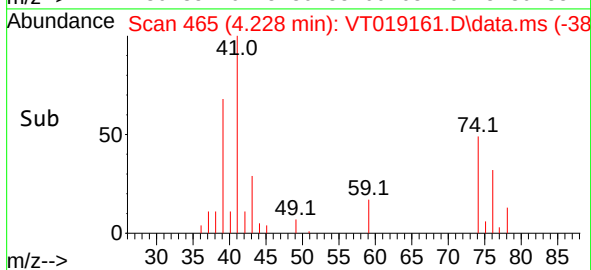
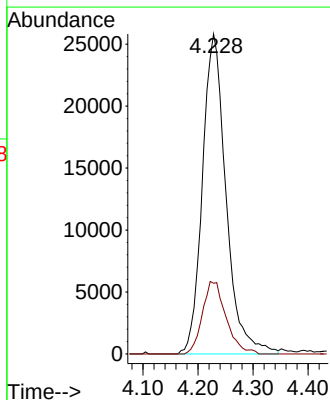
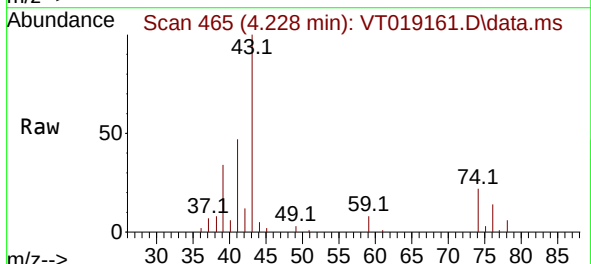
Manual Integrations
APPROVED

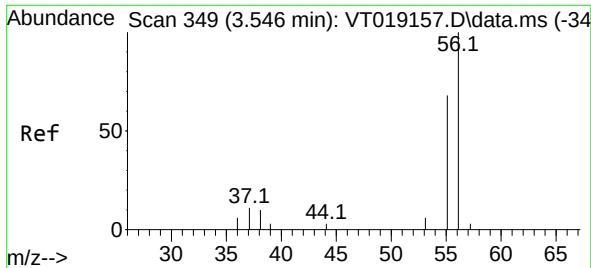
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 20.597 ug/l
RT: 4.228 min Scan# 465
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

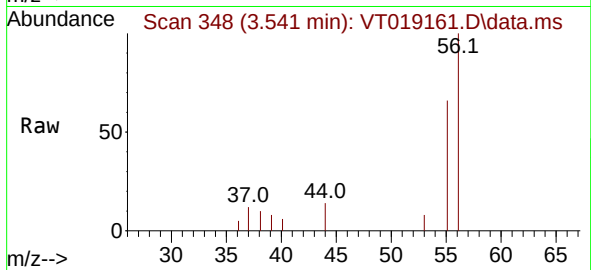
Tgt Ion: 43 Resp: 76982
Ion Ratio Lower Upper
43 100
74 22.2 18.4 27.6





#13
Acrolein
Concen: 58.968 ug/l
RT: 3.541 min Scan# 349
Delta R.T. -0.005 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

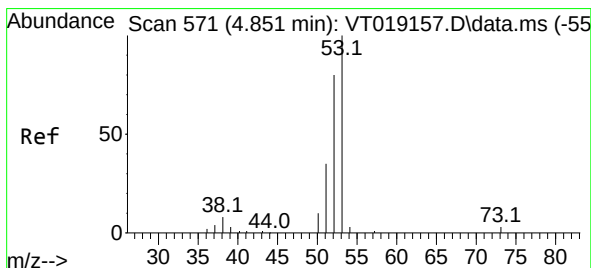
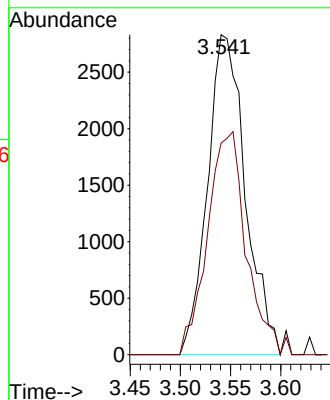
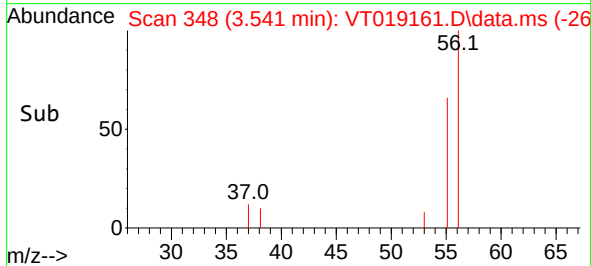
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 56 Resp: 743
Ion Ratio Lower Upper
56 100
55 70.5 56.8 85.2

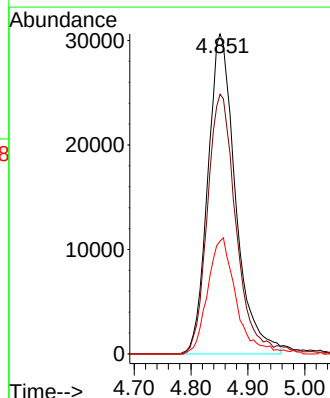
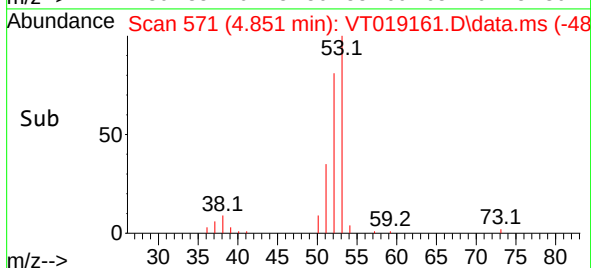
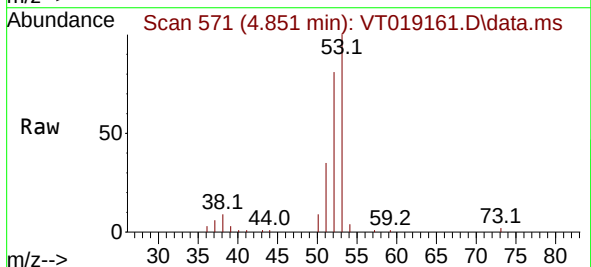
Manual Integrations
APPROVED

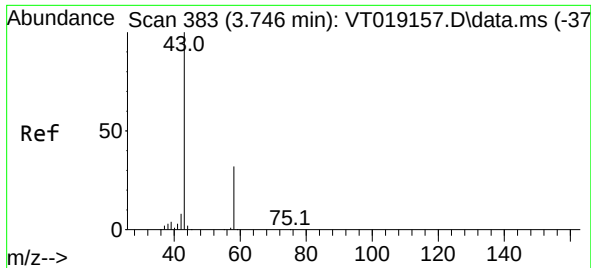
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Acrylonitrile
Concen: 90.056 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 53 Resp: 103744
Ion Ratio Lower Upper
53 100
52 81.6 41.3 123.7
51 36.1 17.2 51.5





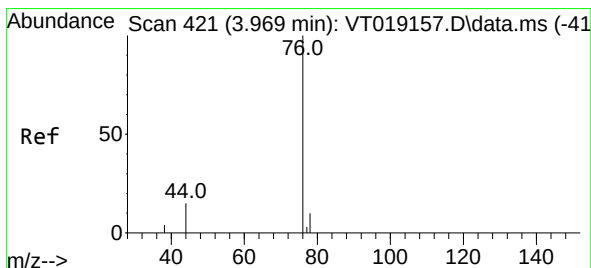
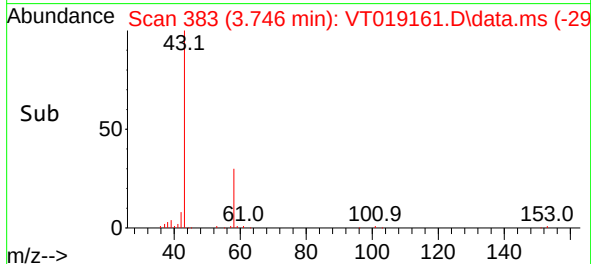
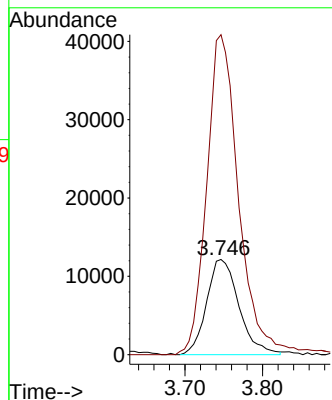
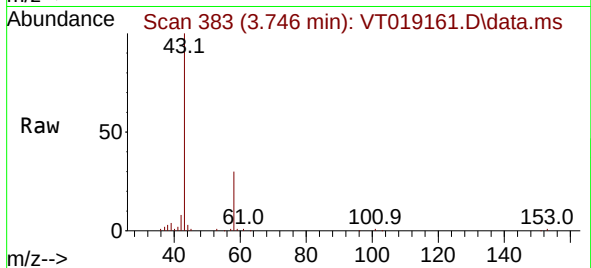
#15
Acetone
Concen: 85.738 ug/l
RT: 3.746 min Scan# 383
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVT102225

Tgt Ion: 58 Resp: 35190
Ion Ratio Lower Upper
58 100
43 332.9 266.9 400.3

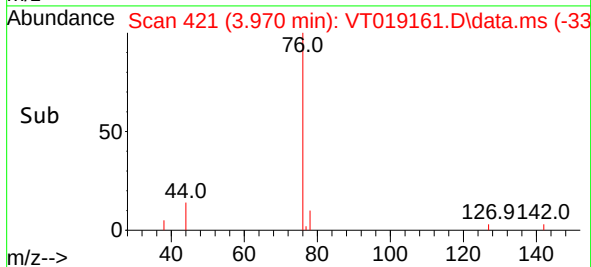
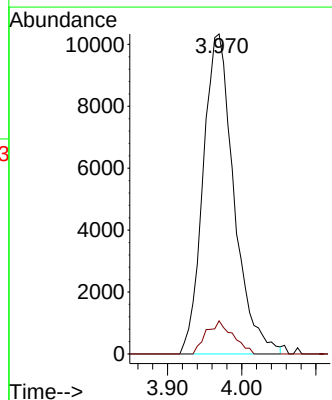
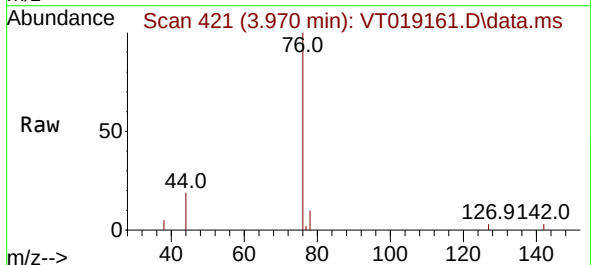
Manual Integrations
APPROVED

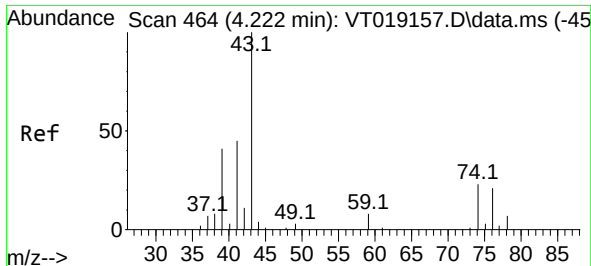
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 16.920 ug/l
RT: 3.970 min Scan# 421
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 76 Resp: 29868
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7





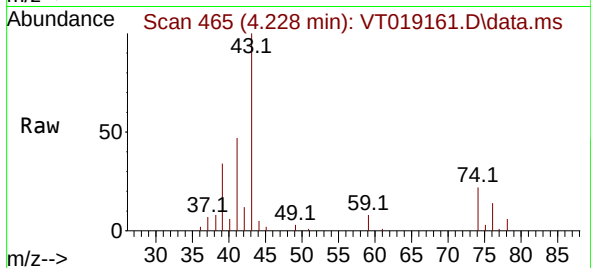
#17
 Allyl chloride
 Concen: 18.357 ug/l
 RT: 4.228 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

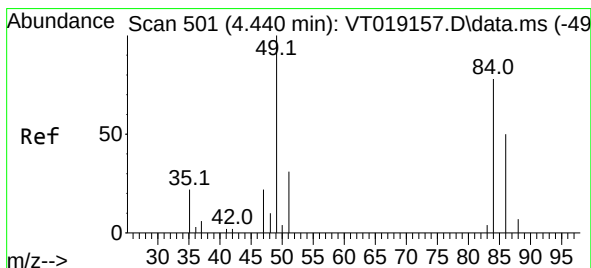
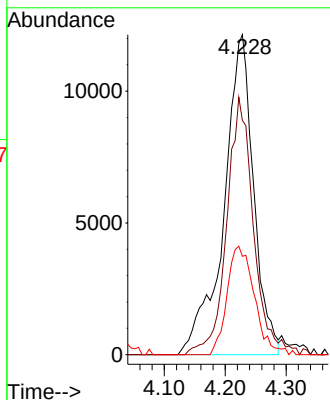
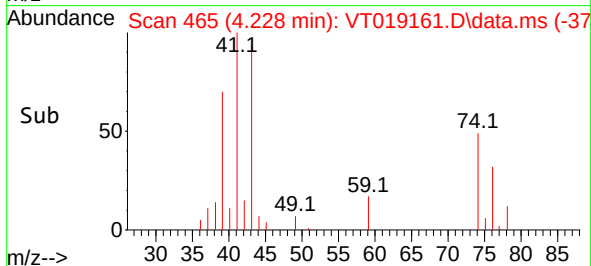


Tgt Ion: 41 Resp: 4124
 Ion Ratio Lower Upper
 41 100
 39 73.2 34.3 102.8
 76 30.7 16.7 50.0

Manual Integrations

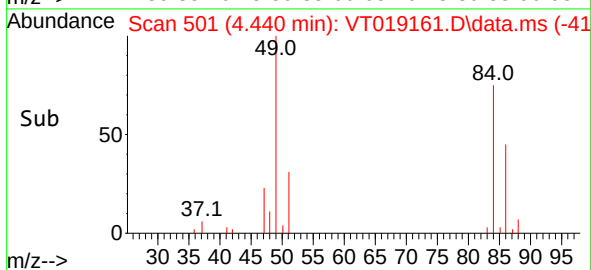
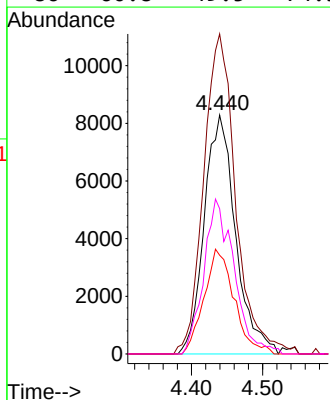
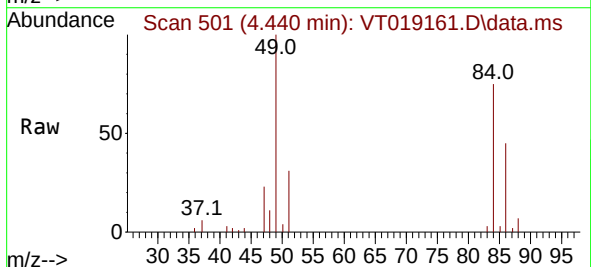
APPROVED

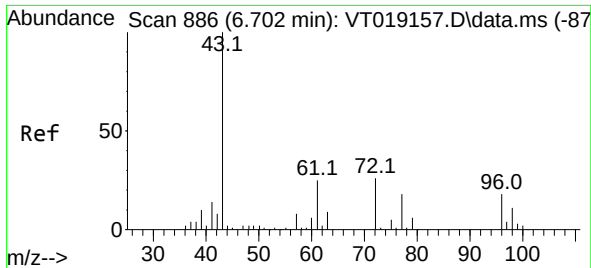
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#18
 Methylene Chloride
 Concen: 17.990 ug/l
 RT: 4.440 min Scan# 501
 Delta R.T. 0.012 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

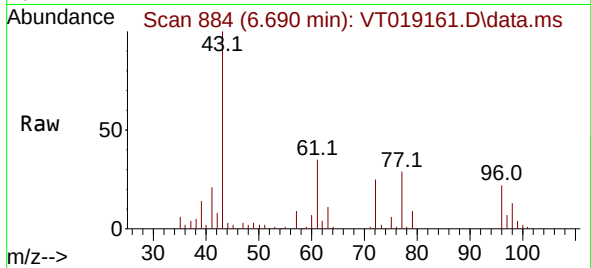
Tgt Ion: 84 Resp: 25359
 Ion Ratio Lower Upper
 84 100
 49 130.9 107.9 161.9
 51 41.4 33.4 50.2
 86 60.8 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 17.835 ug/l
RT: 6.690 min Scan# 886
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

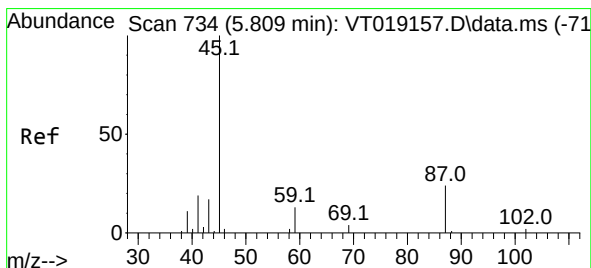
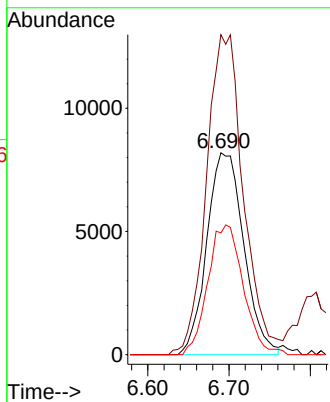
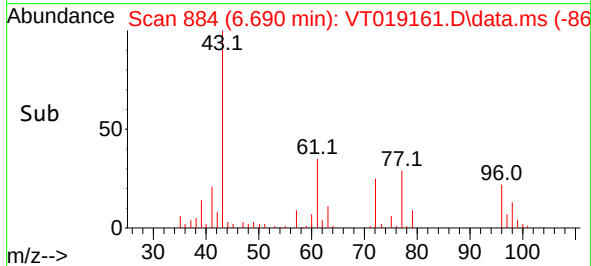
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion: 96 Resp: 25934
Ion Ratio Lower Upper
96 100
61 155.9 122.3 183.5
98 60.3 50.2 75.2

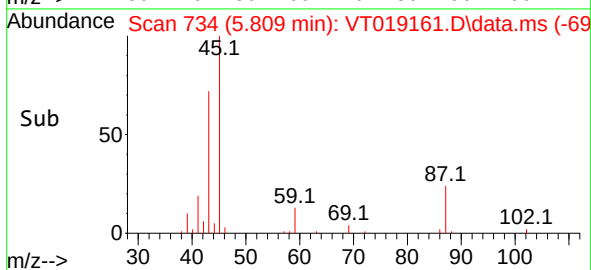
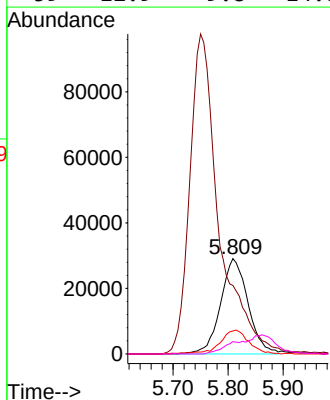
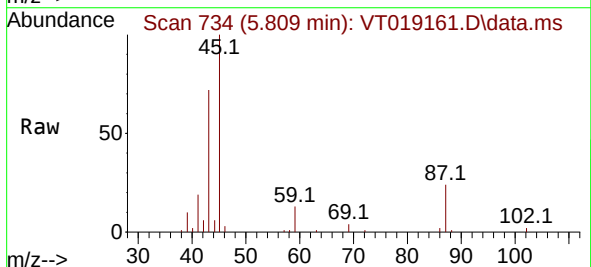
Manual Integrations
APPROVED

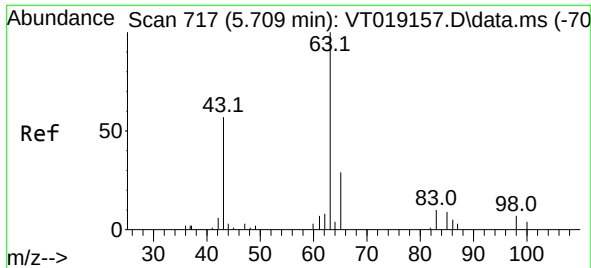
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Diisopropyl ether
Concen: 17.638 ug/l
RT: 5.809 min Scan# 734
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 45 Resp: 100877
Ion Ratio Lower Upper
45 100
43 65.6 89.1 133.7#
87 23.6 21.3 31.9
59 12.9 9.8 14.8





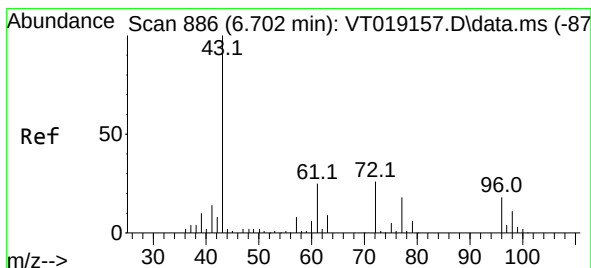
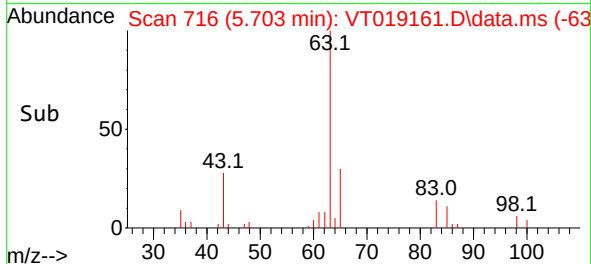
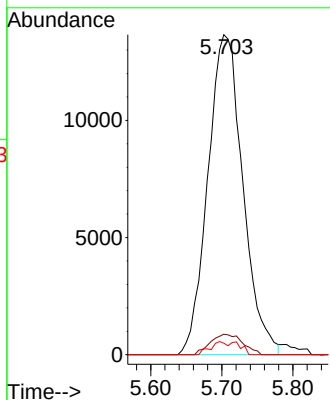
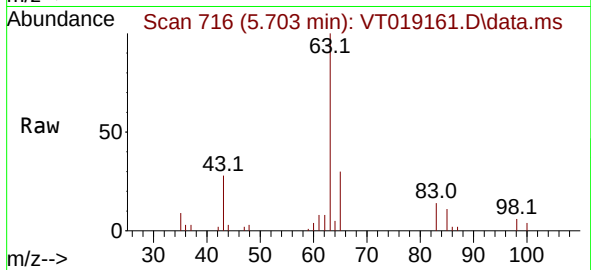
#21
1,1-Dichloroethane
Concen: 17.466 ug/l
RT: 5.703 min Scan# 716
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVT102225

Tgt Ion: 63 Resp: 46670
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.5
100 3.6 2.2 6.6

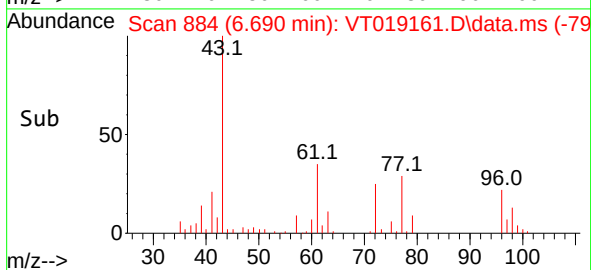
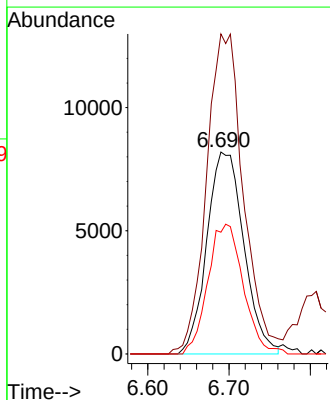
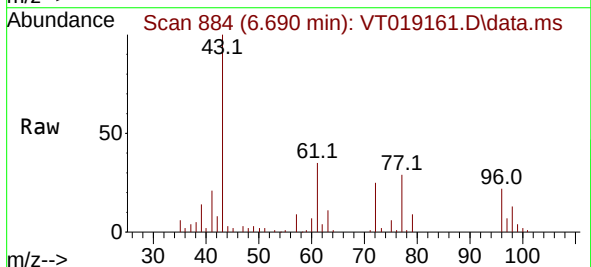
Manual Integrations
APPROVED

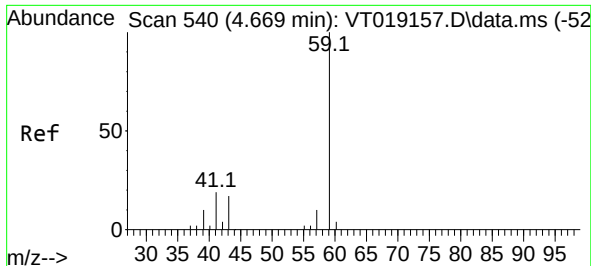
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 17.835 ug/l
RT: 6.690 min Scan# 884
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 96 Resp: 25934
Ion Ratio Lower Upper
96 100
61 158.2 120.0 180.0
98 60.7 52.8 79.2





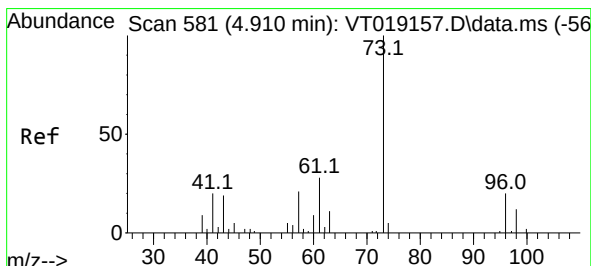
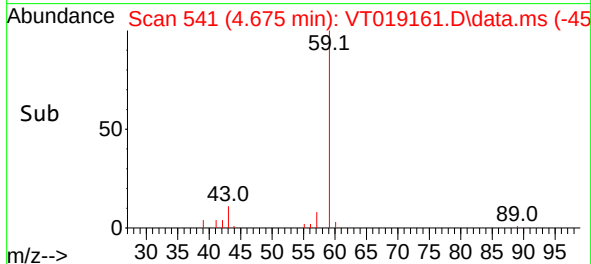
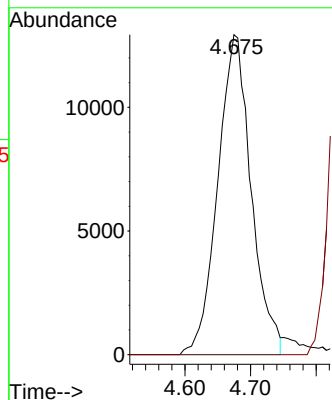
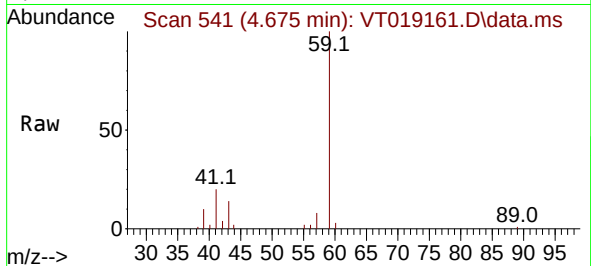
#23
tert-Butyl Alcohol
Concen: 90.628 ug/l
RT: 4.675 min Scan# 541
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion: 59 Resp: 45740
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.25

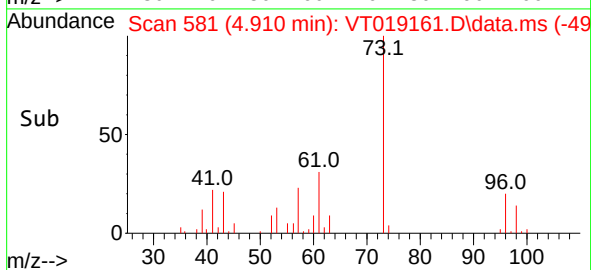
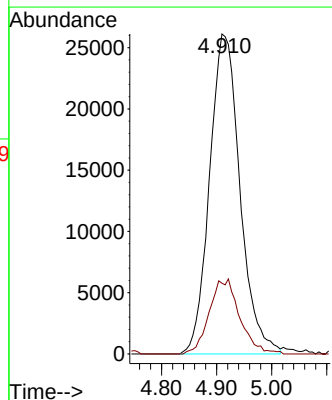
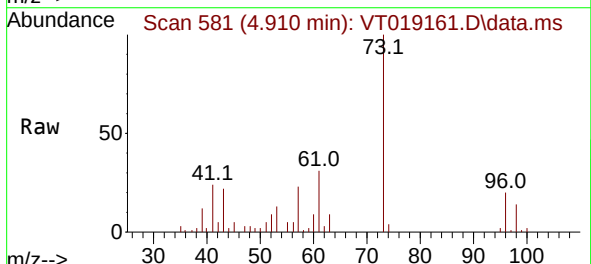
Manual Integrations
APPROVED

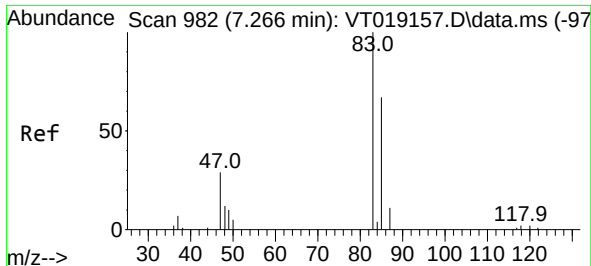
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
Methyl tert-Butyl Ether
Concen: 17.657 ug/l
RT: 4.910 min Scan# 581
Delta R.T. -0.011 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 73 Resp: 100281
Ion Ratio Lower Upper
73 100
43 12.9 16.9 25.3#





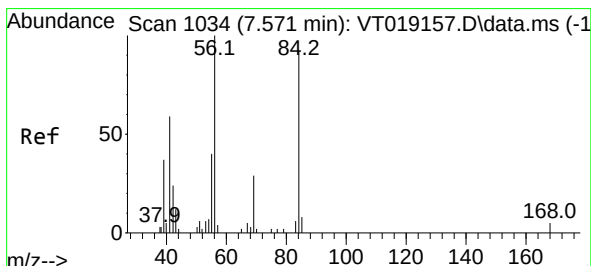
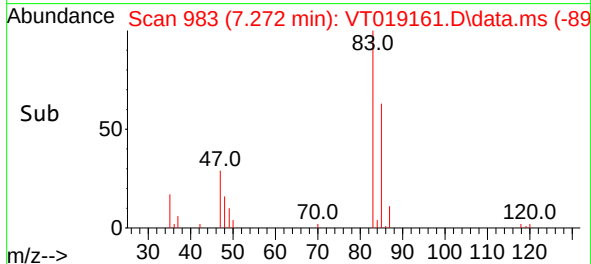
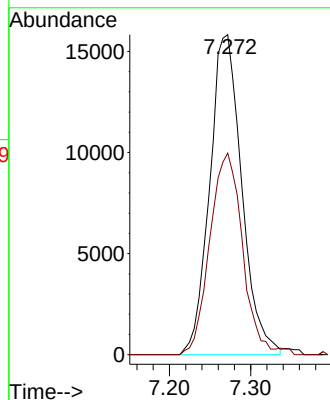
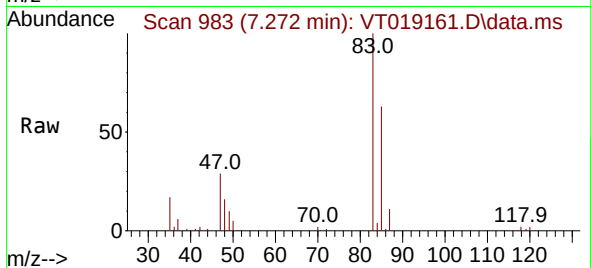
#25
Chloroform
Concen: 17.757 ug/l
RT: 7.272 min Scan# 91
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion: 83 Resp: 43409
Ion Ratio Lower Upper
83 100
85 63.0 48.0 72.0

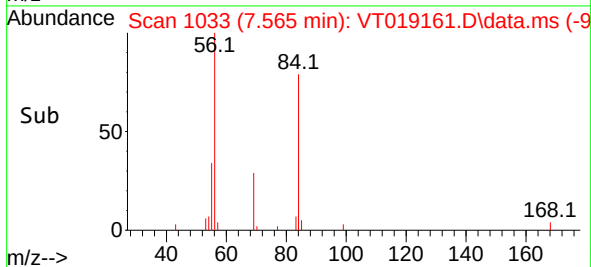
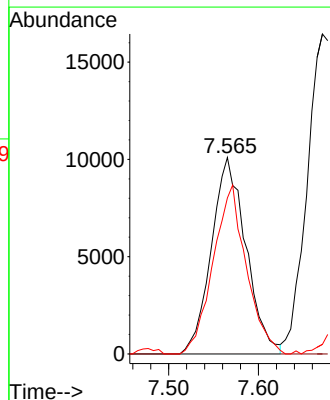
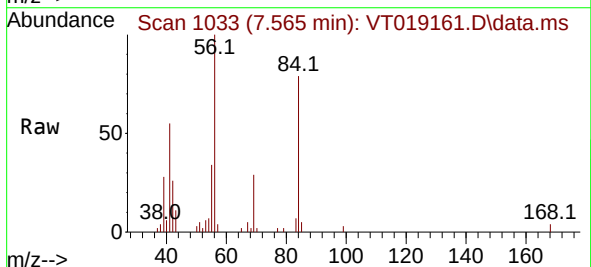
Manual Integrations
APPROVED

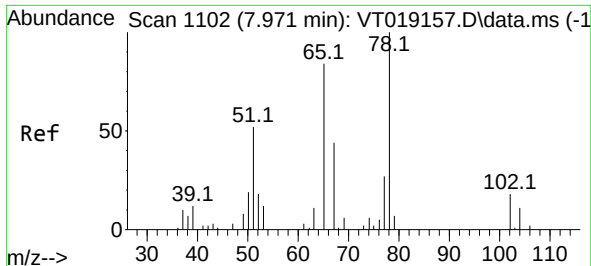
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 17.223 ug/l
RT: 7.565 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 56 Resp: 27010
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.5 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.893 ug/l

RT: 7.971 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 65 Resp: 5696

Ion Ratio Lower Upper

65 100

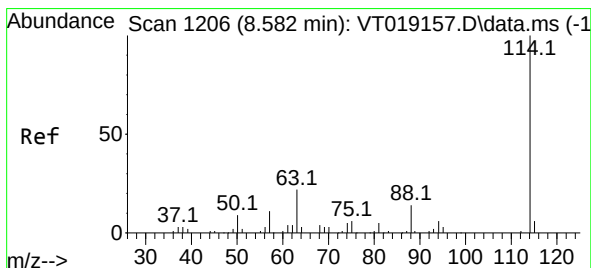
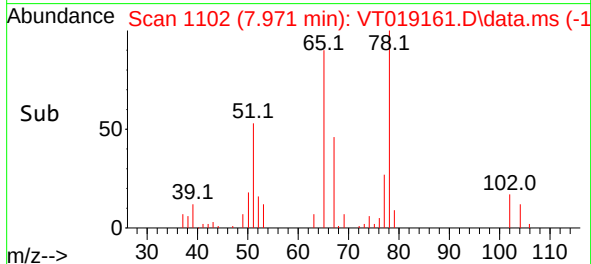
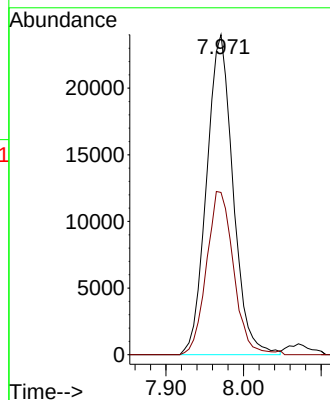
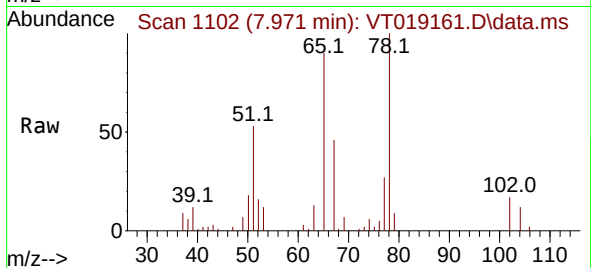
67 52.1 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.576 min Scan# 1205

Delta R.T. -0.000 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

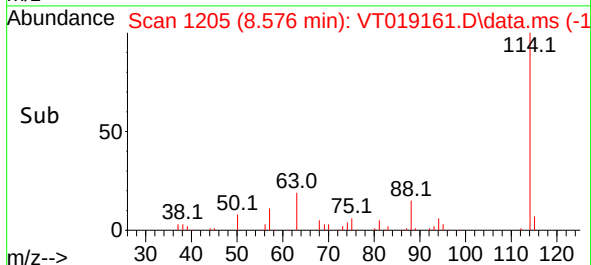
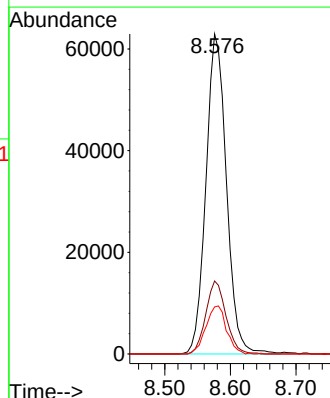
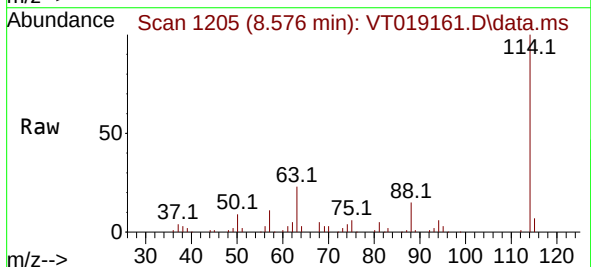
Tgt Ion:114 Resp: 136711

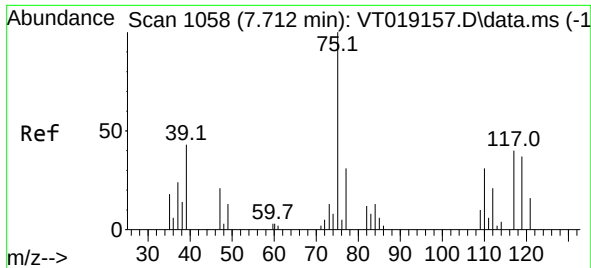
Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.0

88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 16.669 ug/l

RT: 7.718 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 75 Resp: 23840

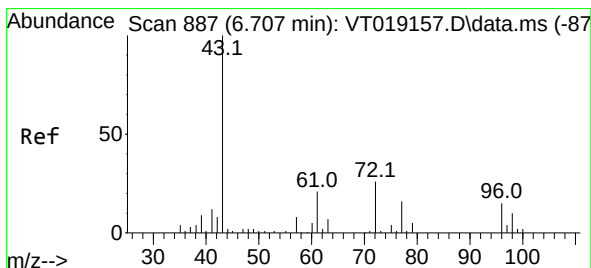
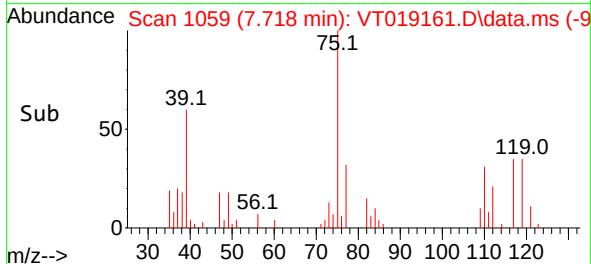
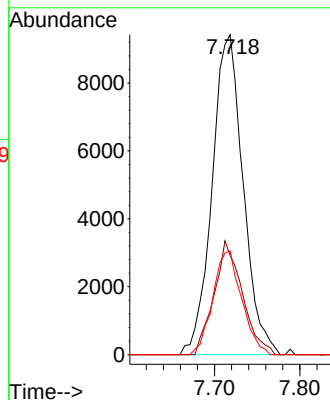
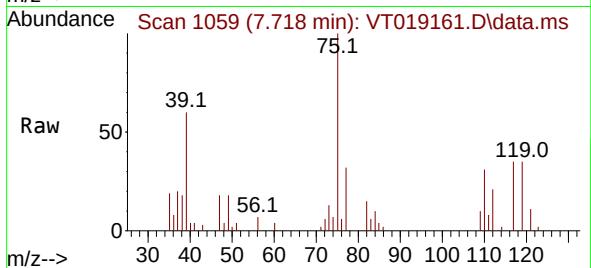
Ion	Ratio	Lower	Upper
75	100		
110	32.4	0.0	70.8
77	30.2	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

2-Butanone

Concen: 84.062 ug/l

RT: 6.708 min Scan# 887

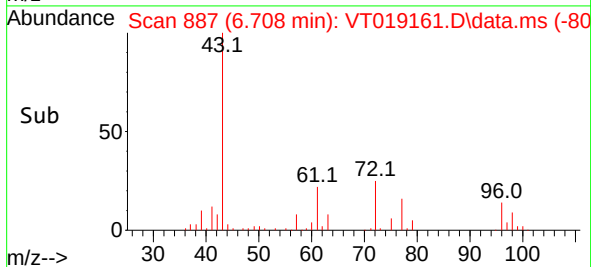
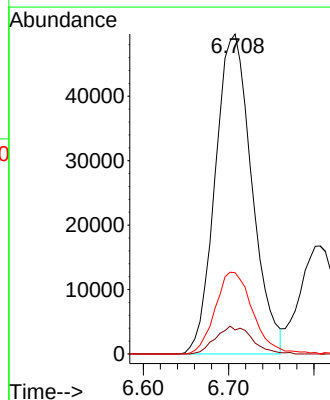
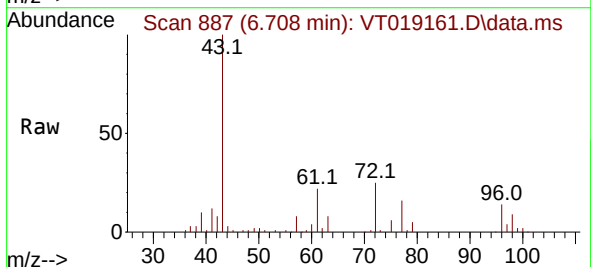
Delta R.T. 0.006 min

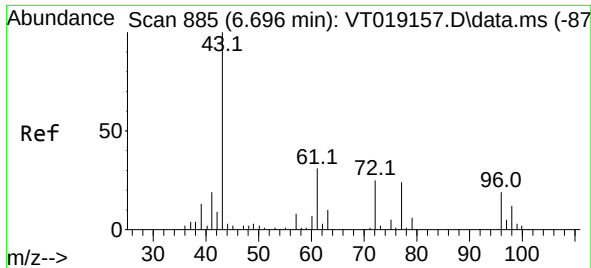
Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Tgt Ion: 43 Resp: 148224

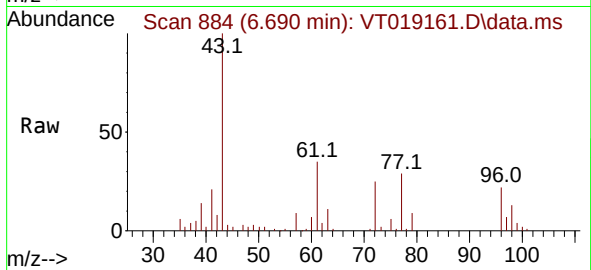
Ion	Ratio	Lower	Upper
43	100		
57	4.9	5.9	8.9#
72	25.8	20.2	30.2





#31
2,2-Dichloropropane
Concen: 17.150 ug/l
RT: 6.690 min Scan# 884
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

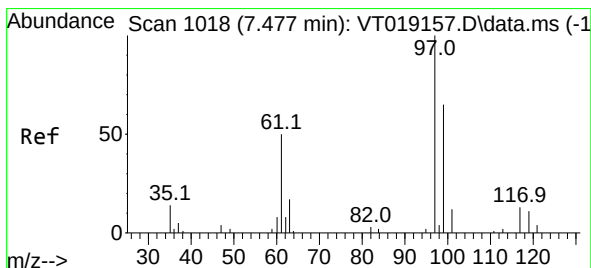
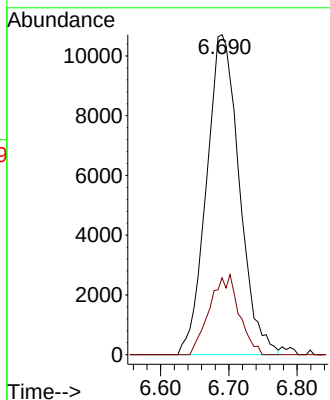
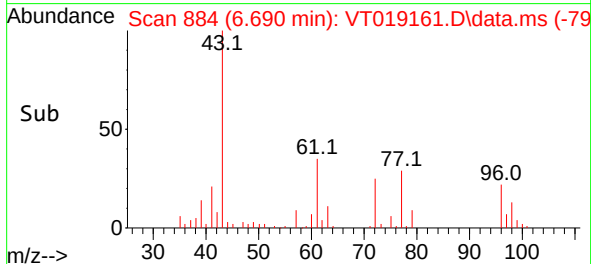
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 77 Resp: 35920
Ion Ratio Lower Upper
77 100
97 13.4 14.5 21.7

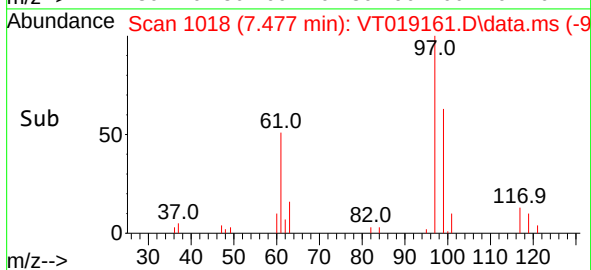
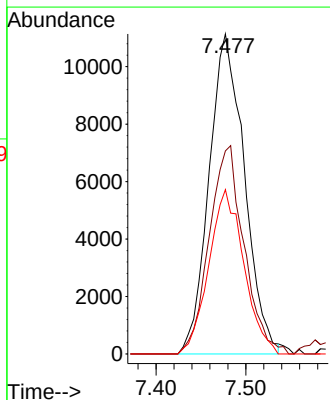
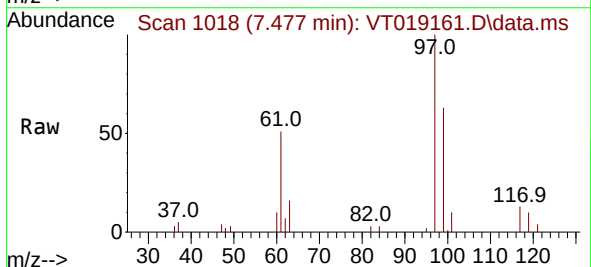
Manual Integrations
APPROVED

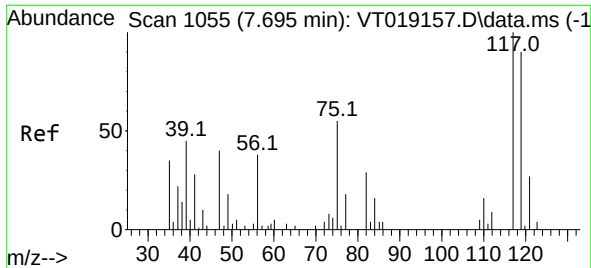
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 16.898 ug/l
RT: 7.477 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

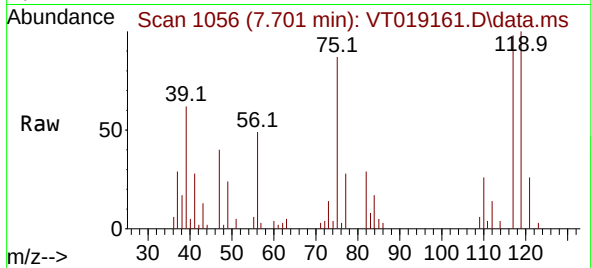
Tgt Ion: 97 Resp: 30455
Ion Ratio Lower Upper
97 100
99 64.0 30.0 45.0#
61 50.9 36.1 54.1





#33
Carbon Tetrachloride
Concen: 17.302 ug/l
RT: 7.701 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

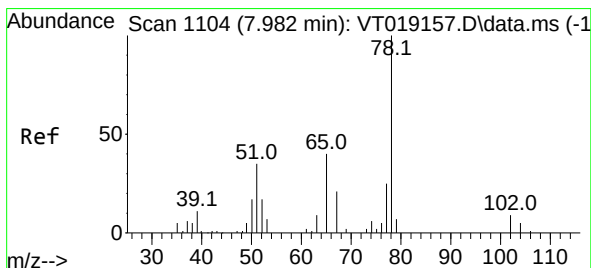
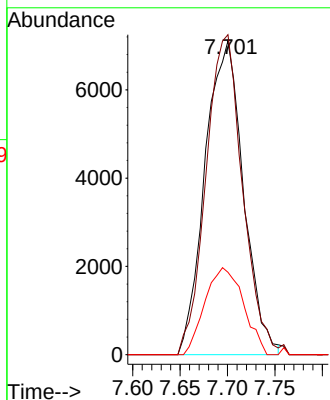
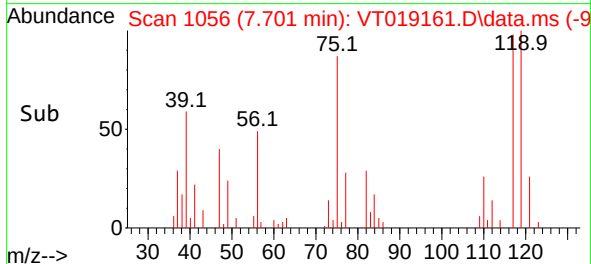
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



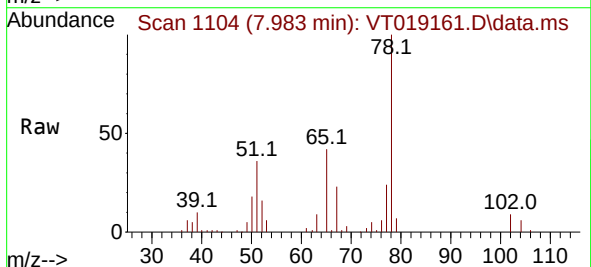
Tgt Ion:117 Resp: 19980
Ion Ratio Lower Upper
117 100
119 102.0 76.5 114.7
121 26.3 0.5 0.7

Manual Integrations
APPROVED

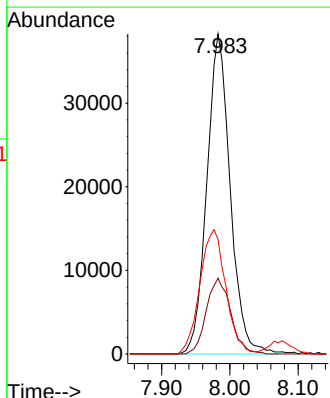
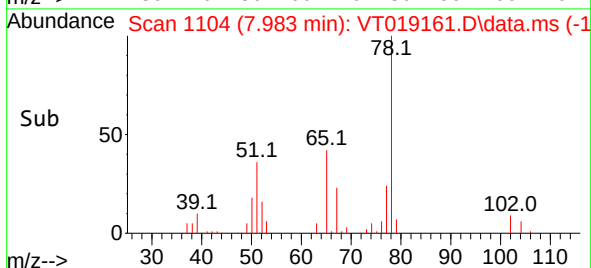
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

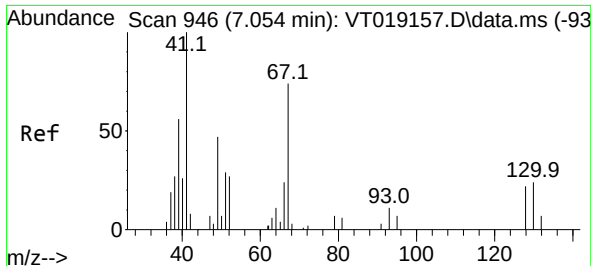


#34
Benzene
Concen: 17.178 ug/l
RT: 7.983 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32



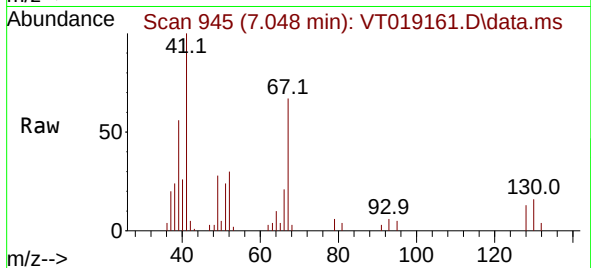
Tgt Ion: 78 Resp: 91044
Ion Ratio Lower Upper
78 100
77 23.7 17.6 26.4
51 35.8 13.8 20.6#





#35
Methacrylonitrile
Concen: 16.604 ug/l
RT: 7.048 min Scan# 946
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

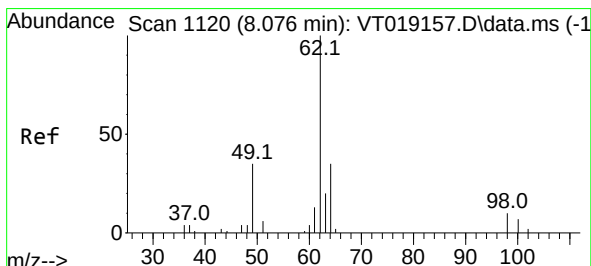
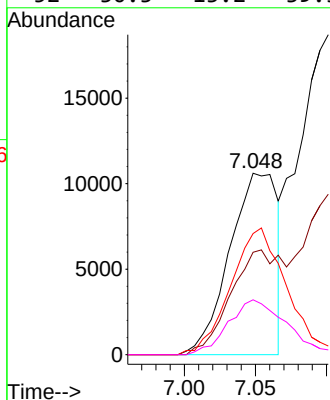
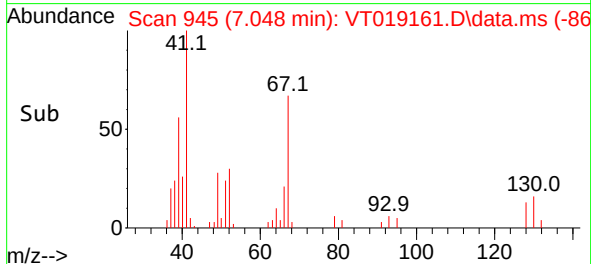
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion:	41	Resp:	24920
Ion Ratio	100	Lower	Upper
39	56.4	26.2	78.5
67	66.8	31.4	94.3
52	30.3	13.2	39.5

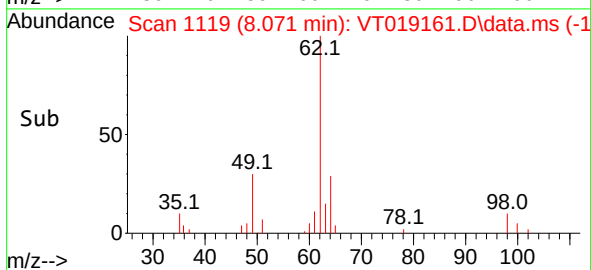
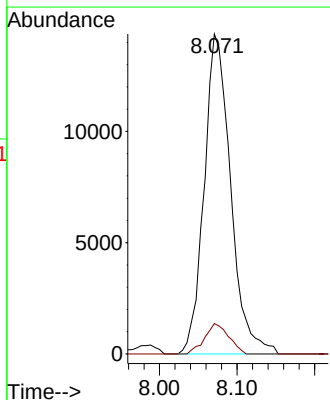
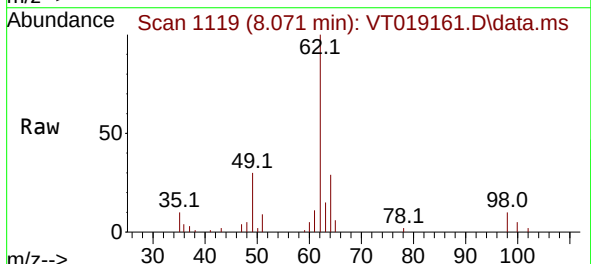
Manual Integrations
APPROVED

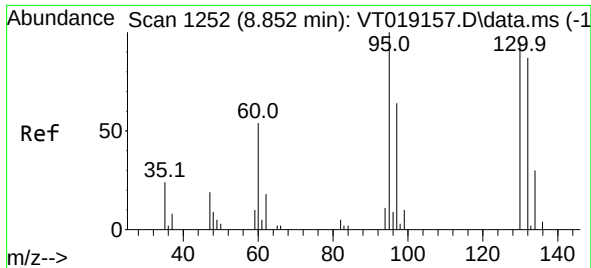
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,2-Dichloroethane
Concen: 17.373 ug/l
RT: 8.071 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

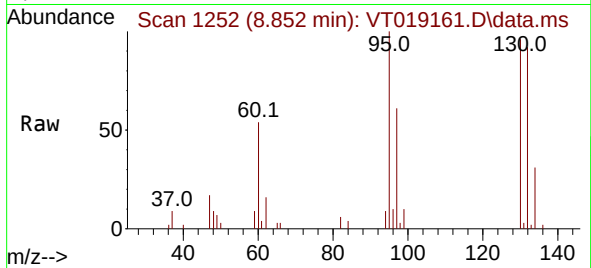
Tgt Ion:	62	Resp:	34133
Ion Ratio	100	Lower	Upper
98	8.7	6.7	10.1





#37
Trichloroethene
Concen: 16.671 ug/l
RT: 8.852 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

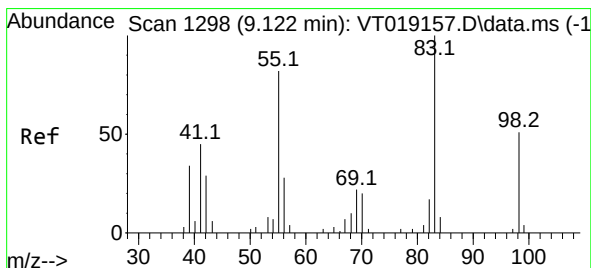
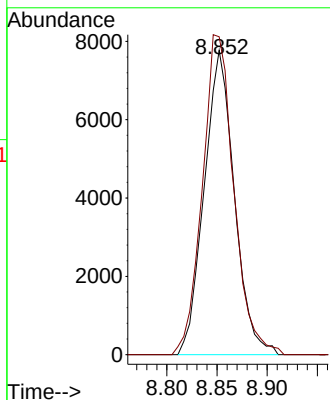
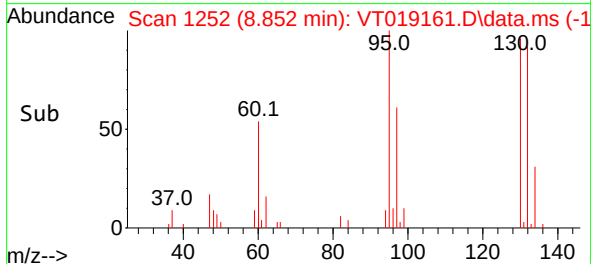
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion:130 Resp: 16254
Ion Ratio Lower Upper
130 100
95 102.3 79.4 119.2

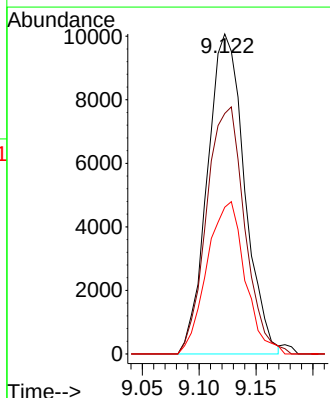
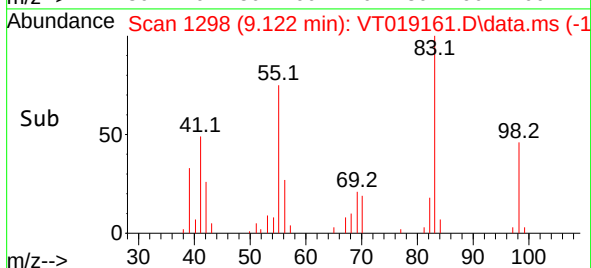
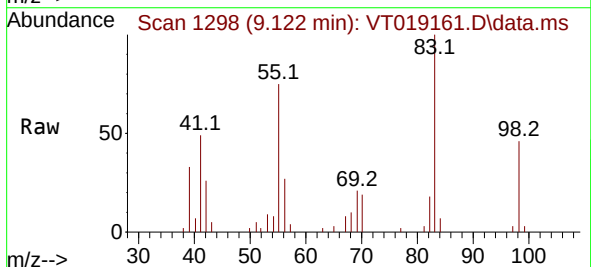
Manual Integrations
APPROVED

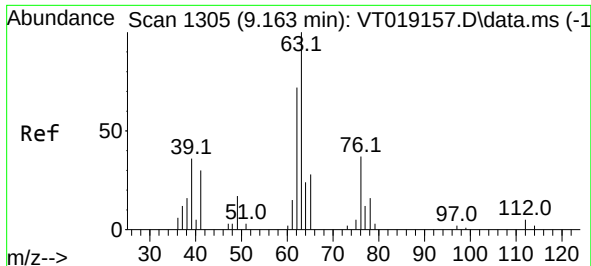
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 15.868 ug/l
RT: 9.122 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 83 Resp: 22860
Ion Ratio Lower Upper
83 100
55 79.2 40.3 120.8
98 48.8 24.3 72.9





#39

1,2-Dichloropropane

Concen: 16.683 ug/l

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 63 Resp: 2315

Ion Ratio Lower Upper

63 100

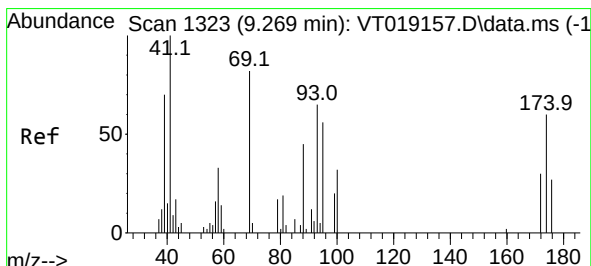
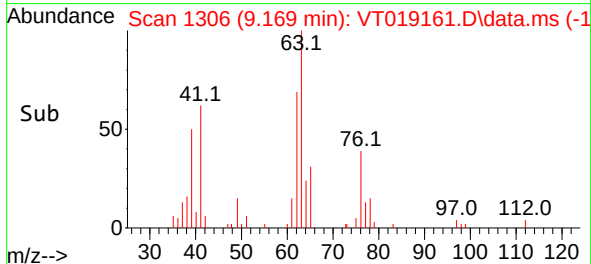
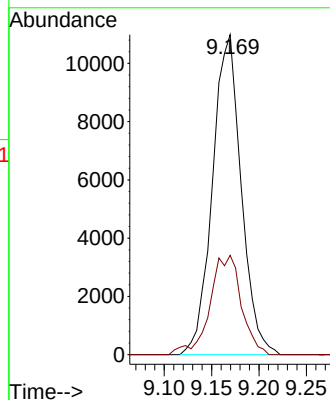
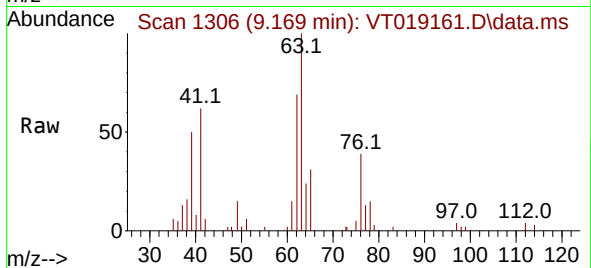
65 31.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 17.515 ug/l

RT: 9.263 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

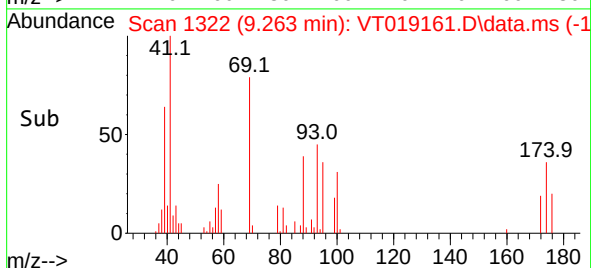
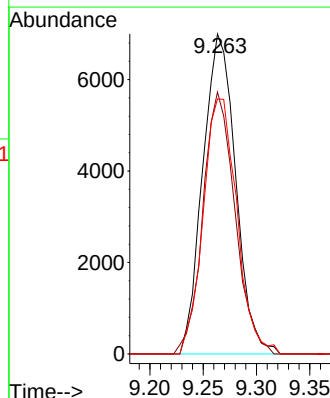
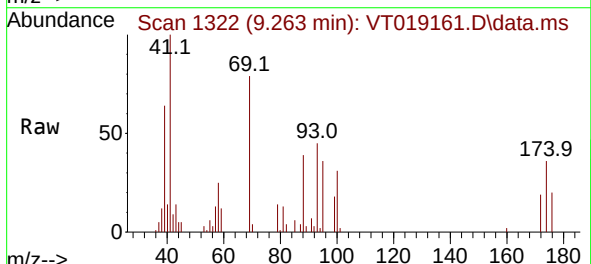
Tgt Ion: 93 Resp: 14991

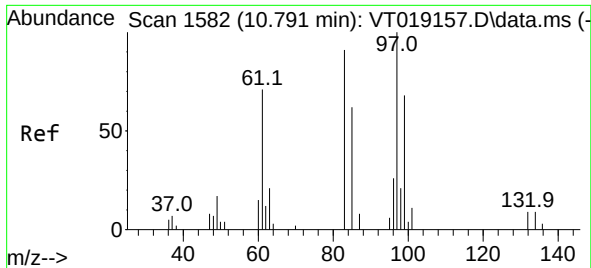
Ion Ratio Lower Upper

93 100

95 79.7 0.0 166.2

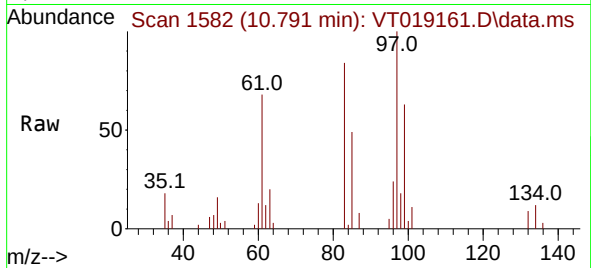
174 81.7 0.0 26.4





#41
Bromodichloromethane
Concen: 18.129 ug/l
RT: 10.791 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

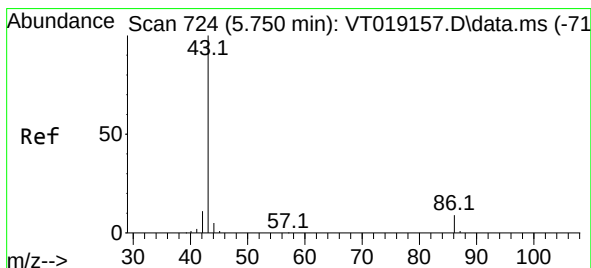
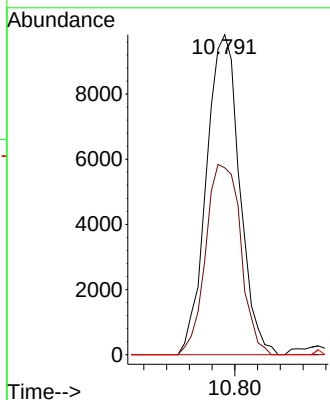
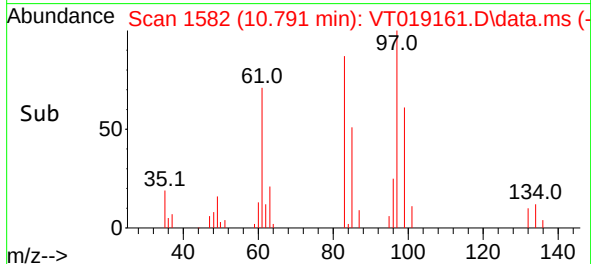
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 83 Resp: 19930
Ion Ratio Lower Upper
83 100
85 58.4 47.2 70.8
127 0.0 7.1 10.7

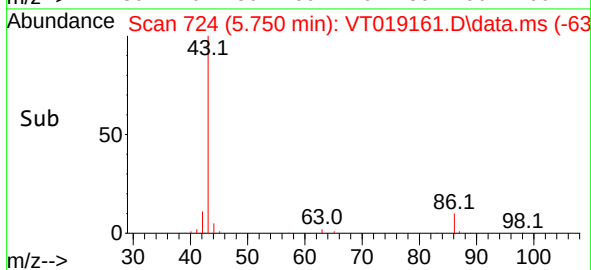
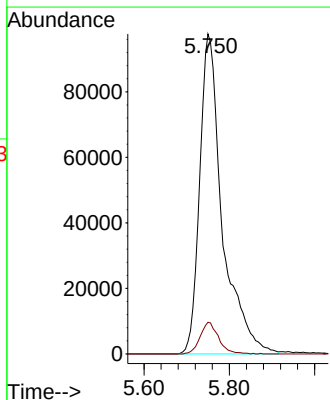
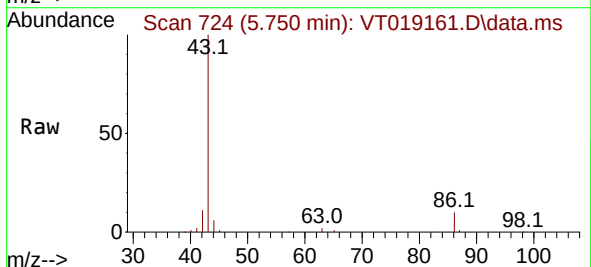
Manual Integrations
APPROVED

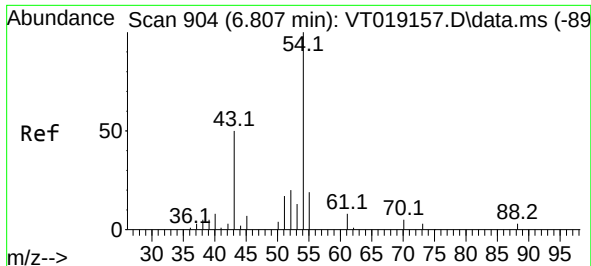
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
Vinyl Acetate
Concen: 83.134 ug/l
RT: 5.750 min Scan# 724
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

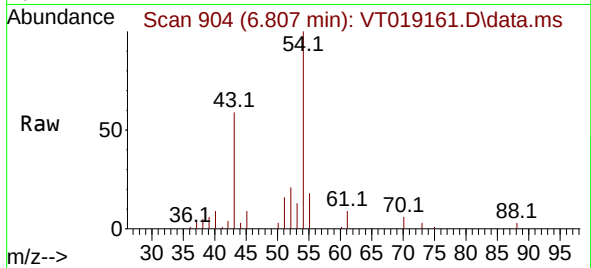
Tgt Ion: 43 Resp: 359650
Ion Ratio Lower Upper
43 100
86 8.0 6.9 10.3





#43
Ethyl Acetate
Concen: 16.248 ug/l
RT: 6.807 min Scan# 904
Delta R.T. 0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

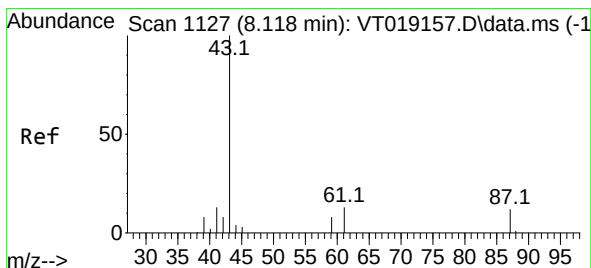
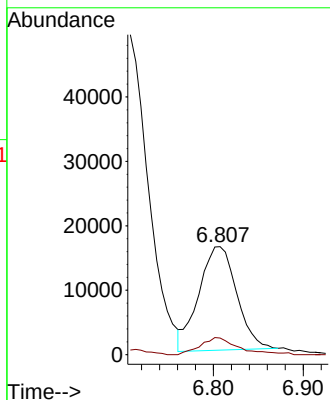
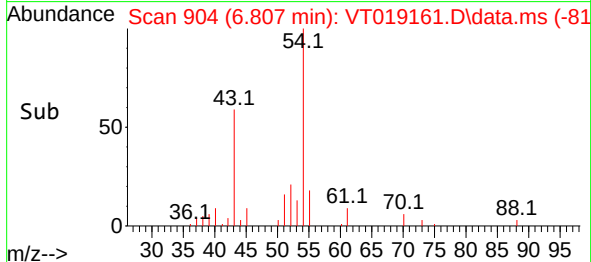
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion: 43 Resp: 4709
Ion Ratio Lower Upper
43 100
45 16.4 10.6 16.0

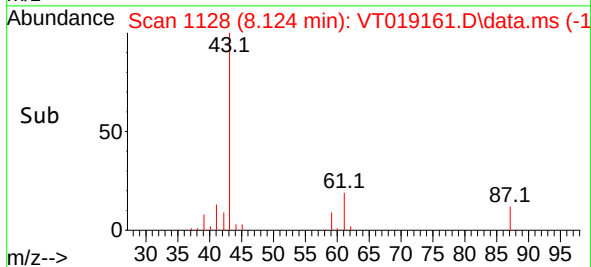
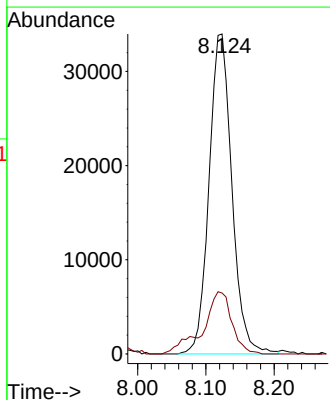
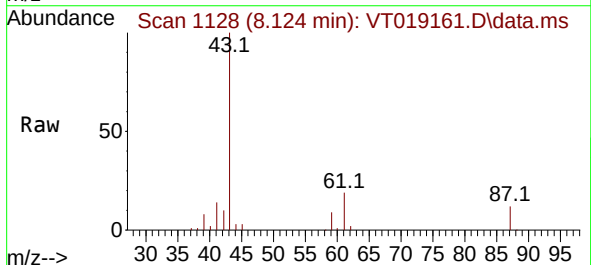
Manual Integrations
APPROVED

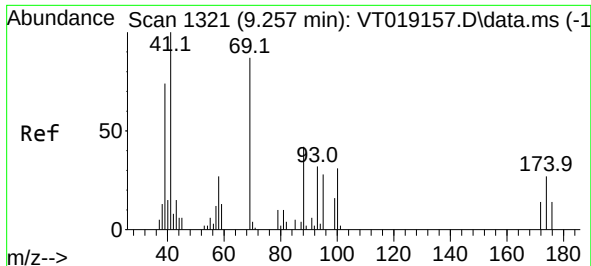
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Isopropyl Acetate
Concen: 17.380 ug/l
RT: 8.124 min Scan# 1128
Delta R.T. 0.001 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

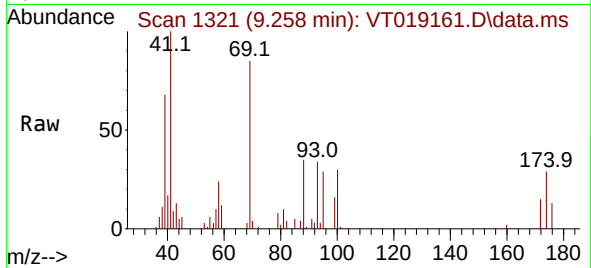
Tgt Ion: 43 Resp: 79285
Ion Ratio Lower Upper
43 100
61 19.9 14.7 22.1





#45
1,4-Dioxane
Concen: 352.737 ug/l
RT: 9.258 min Scan# 1321
Delta R.T. -0.011 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

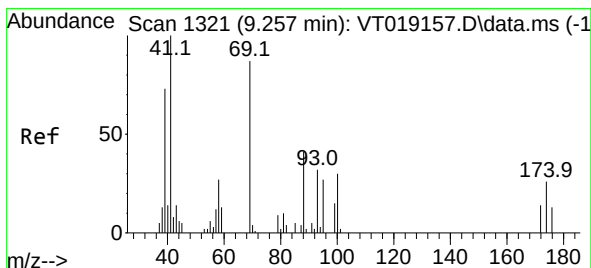
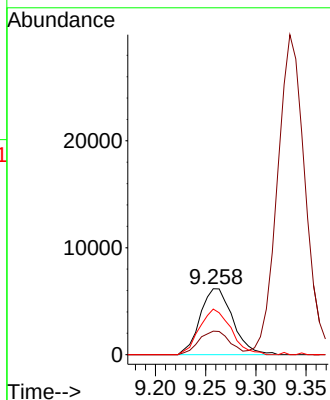
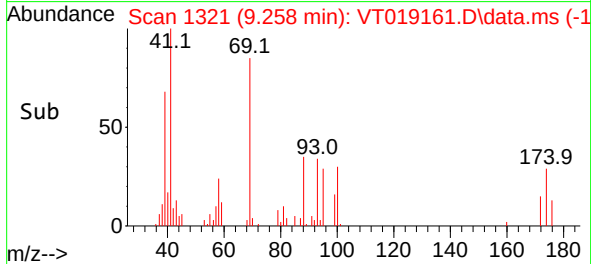
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



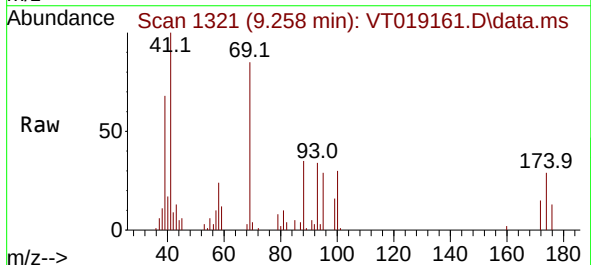
Tgt Ion: 88 Resp: 13960
Ion Ratio Lower Upper
88 100
43 33.7 30.2 45.2
58 66.6 33.3 49.9

Manual Integrations
APPROVED

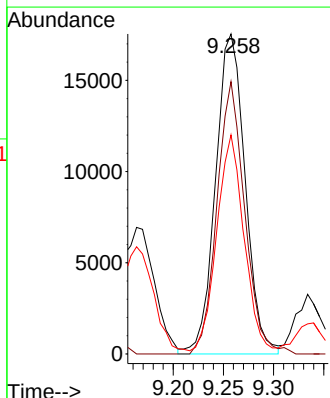
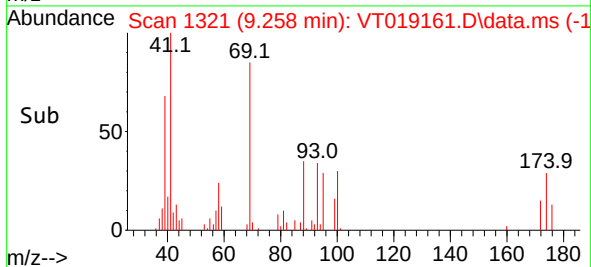
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

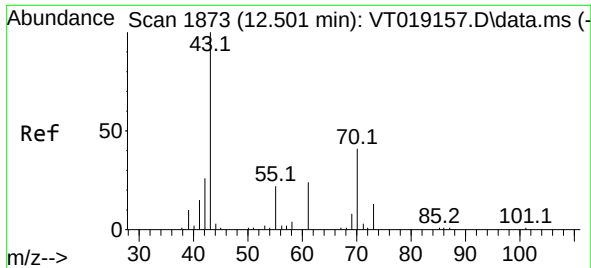


#46
Methyl methacrylate
Concen: 17.622 ug/l
RT: 9.258 min Scan# 1321
Delta R.T. 0.001 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32



Tgt Ion: 41 Resp: 35944
Ion Ratio Lower Upper
41 100
69 86.4 35.8 107.3
39 67.8 24.4 73.4





#47

n-amy1 Acetate

Concen: 17.689 ug/l

RT: 12.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 43 Resp: 5430

Ion Ratio Lower Upper

43 100

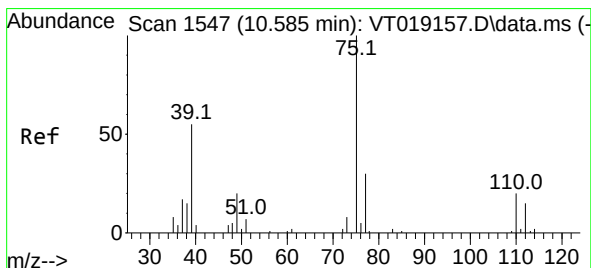
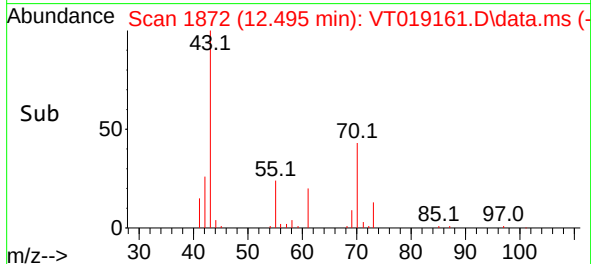
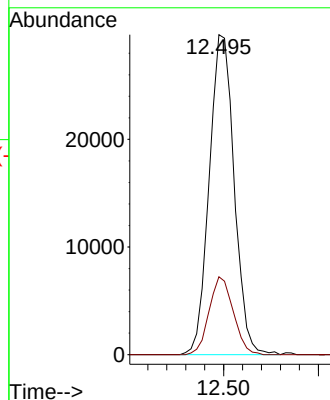
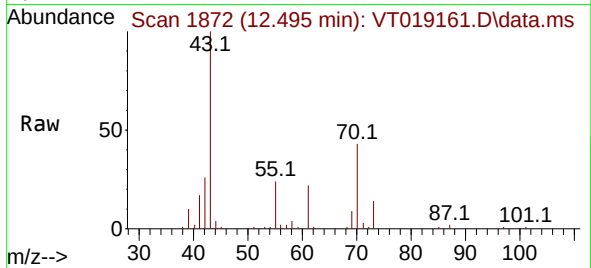
55 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

t-1,3-Dichloropropene

Concen: 17.705 ug/l

RT: 10.585 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VT019161.D

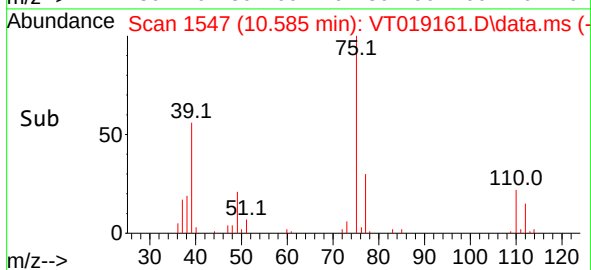
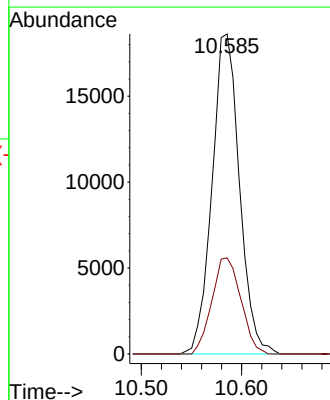
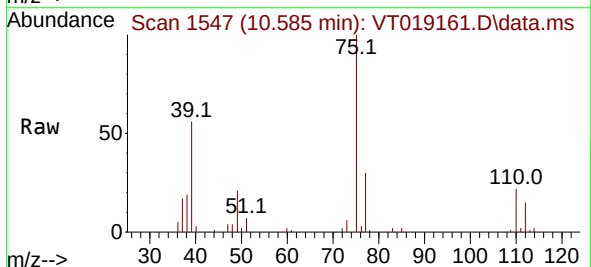
Acq: 22 Oct 2025 17:32

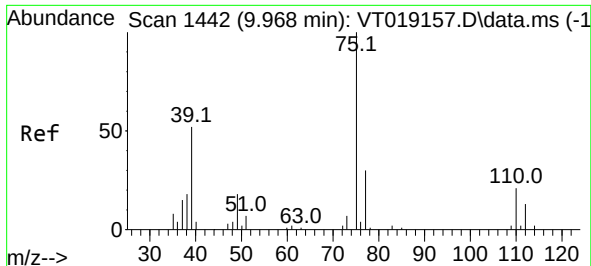
Tgt Ion: 75 Resp: 35318

Ion Ratio Lower Upper

75 100

77 30.1 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 17.399 ug/l

RT: 9.974 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 75 Resp: 36460

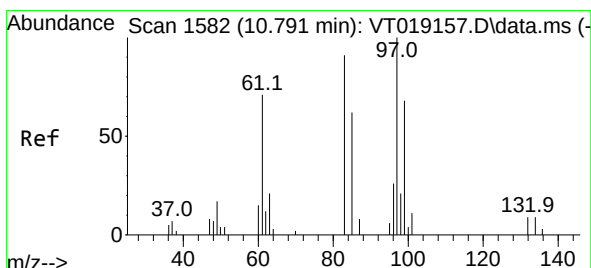
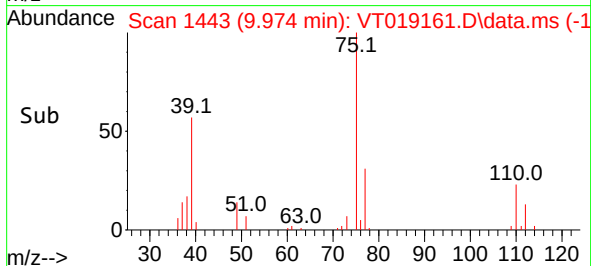
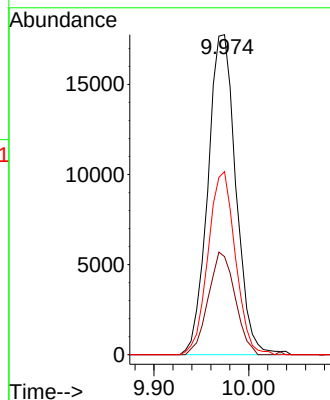
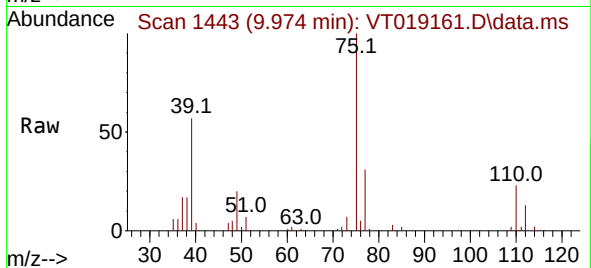
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.1	37.7
39	57.2	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

1,1,2-Trichloroethane

Concen: 17.473 ug/l

RT: 10.791 min Scan# 1582

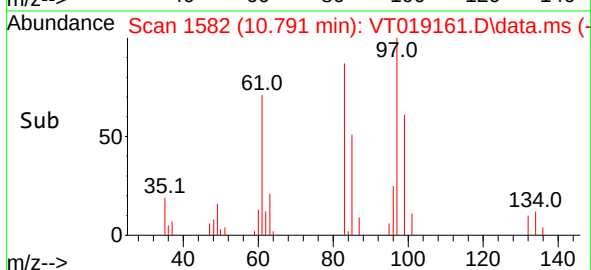
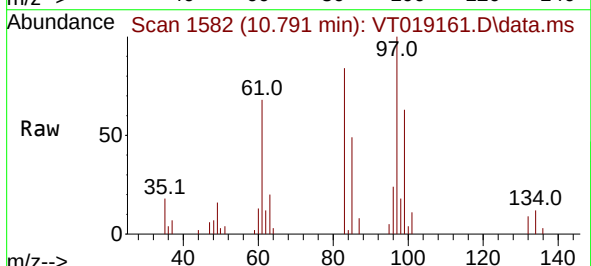
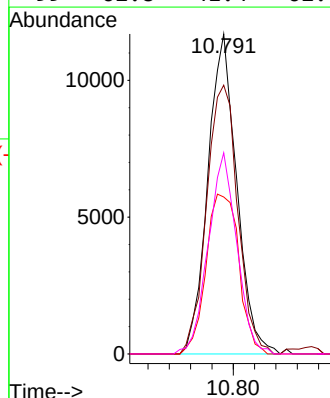
Delta R.T. 0.000 min

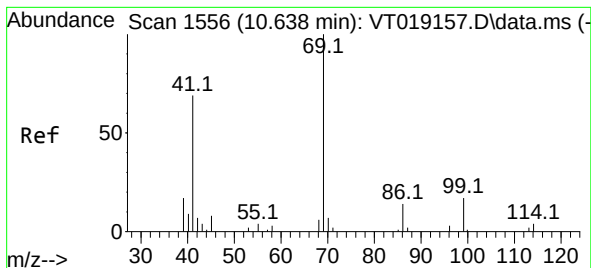
Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Tgt Ion: 97 Resp: 21996

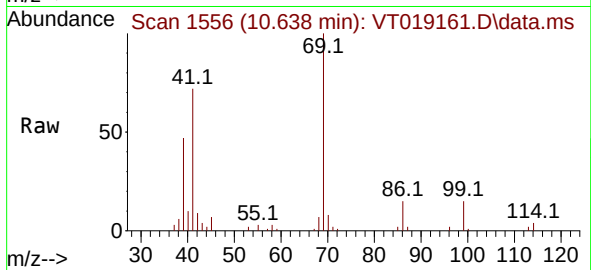
Ion	Ratio	Lower	Upper
97	100		
83	84.0	58.3	87.5
85	49.1	36.5	54.7
99	62.8	41.4	62.0





#51
Ethyl methacrylate
Concen: 17.570 ug/l
RT: 10.638 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

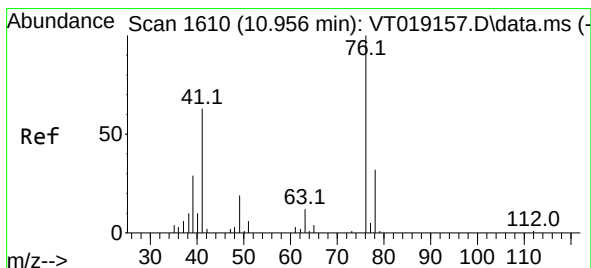
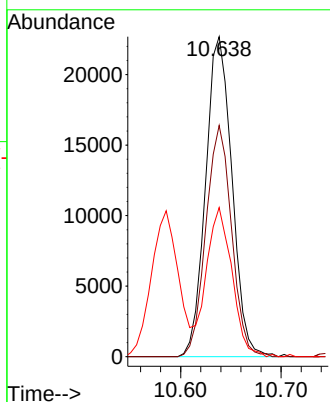
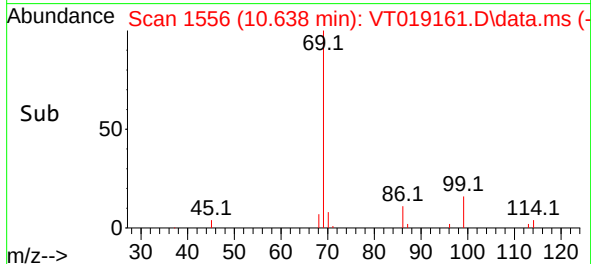
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 69 Resp: 41450
Ion Ratio Lower Upper
69 100
41 72.2 35.0 105.1
39 46.6 19.5 58.5

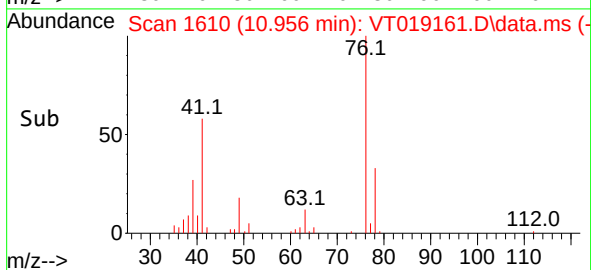
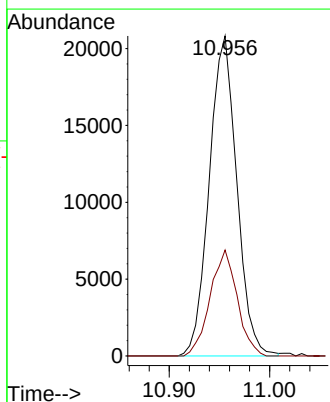
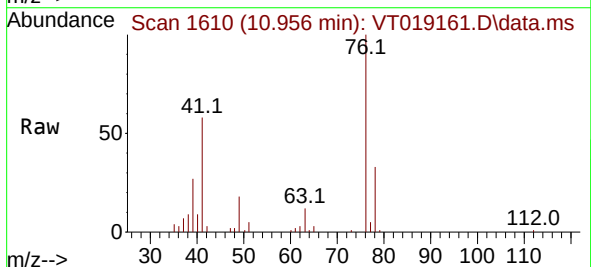
Manual Integrations
APPROVED

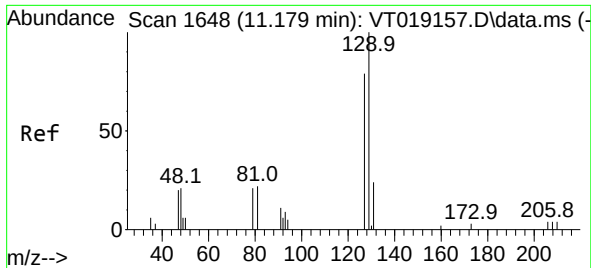
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
1,3-Dichloropropane
Concen: 17.646 ug/l
RT: 10.956 min Scan# 1610
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

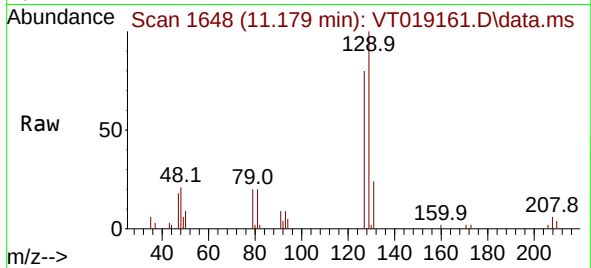
Tgt Ion: 76 Resp: 39676
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6





#53
Dibromochloromethane
Concen: 17.542 ug/l
RT: 11.179 min Scan# 1648
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

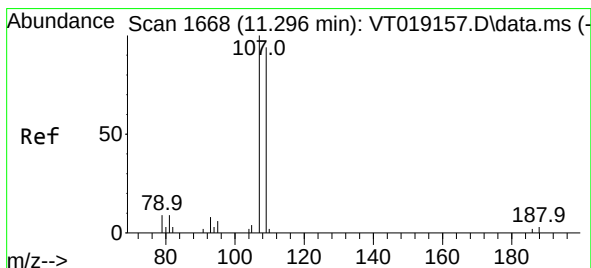
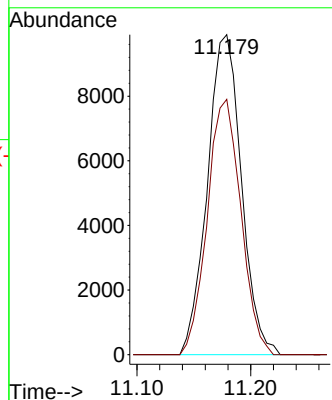
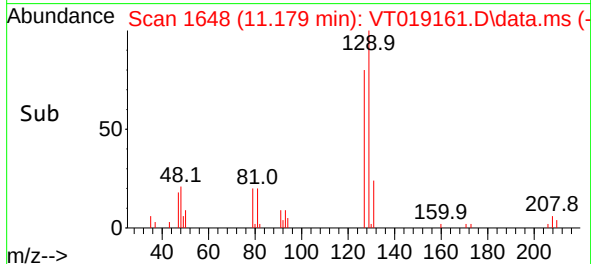
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



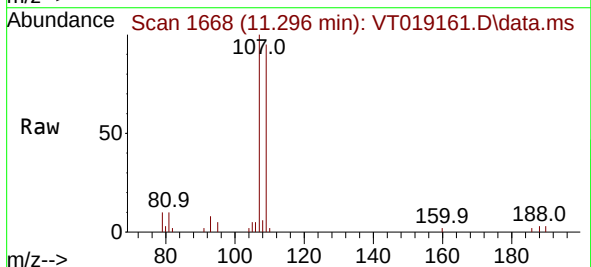
Tgt Ion:129 Resp: 20599
Ion Ratio Lower Upper
129 100
127 78.7 125.0 374.9

Manual Integrations
APPROVED

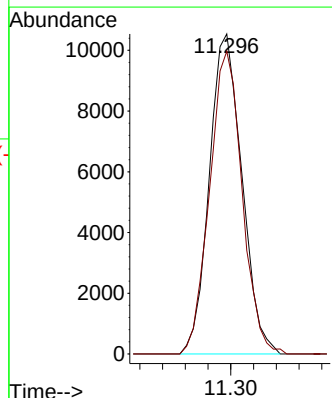
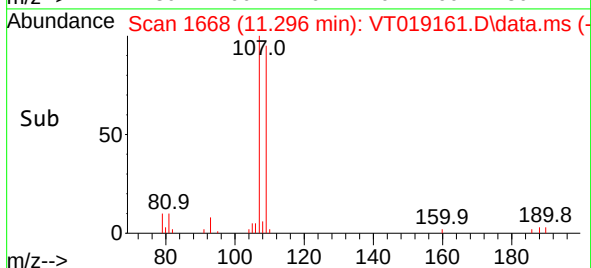
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

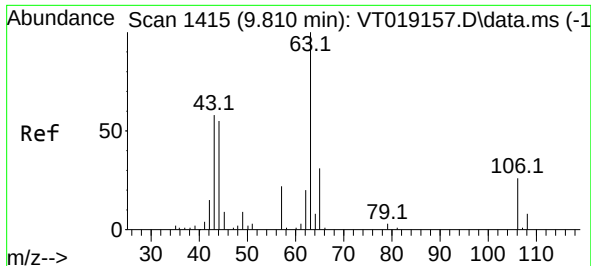


#54
1,2-Dibromoethane
Concen: 17.927 ug/l
RT: 11.296 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32



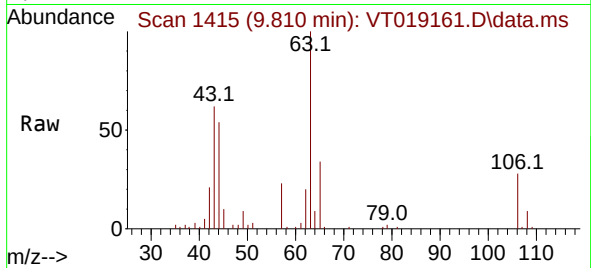
Tgt Ion:107 Resp: 20990
Ion Ratio Lower Upper
107 100
109 94.2 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 87.333 ug/l
RT: 9.810 min Scan# 1415
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

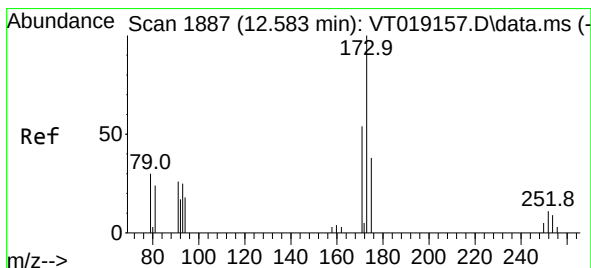
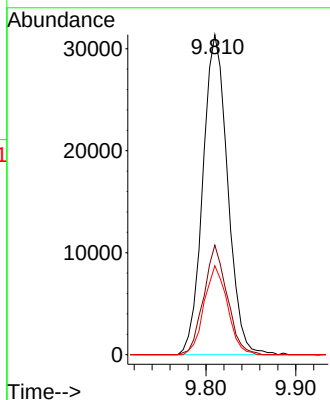
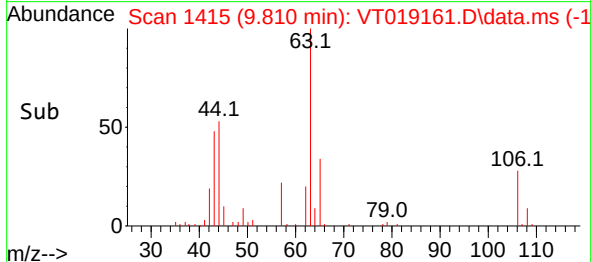
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 63 Resp: 60090
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 26.1 22.1 33.1

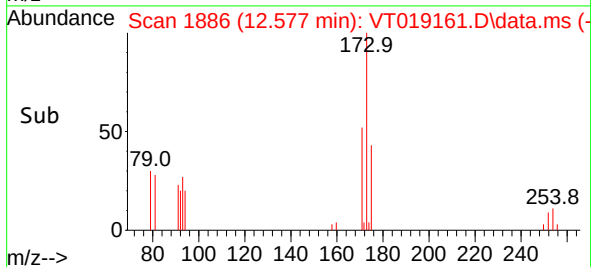
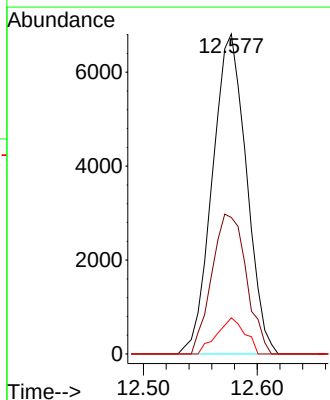
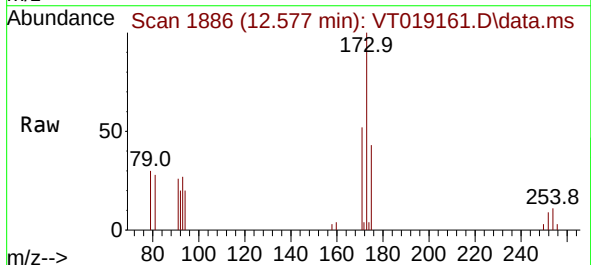
Manual Integrations
APPROVED

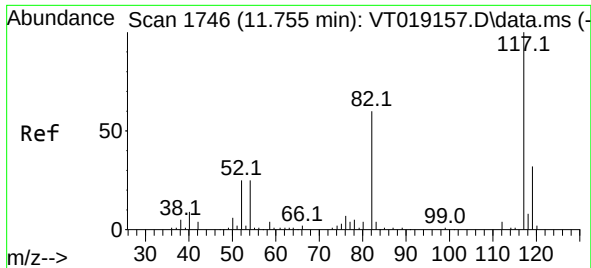
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Bromoform
Concen: 18.330 ug/l
RT: 12.577 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion:173 Resp: 14150
Ion Ratio Lower Upper
173 100
175 44.4 2.6 3.8#
254 9.3 2.2 3.2#





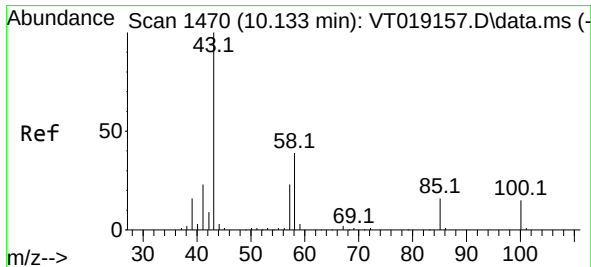
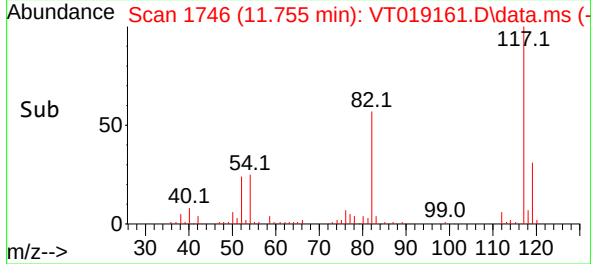
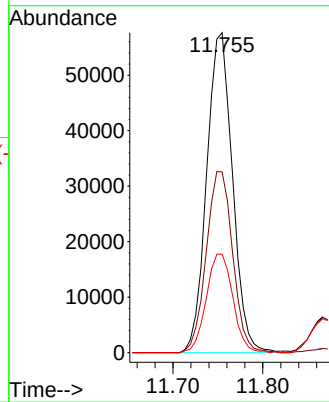
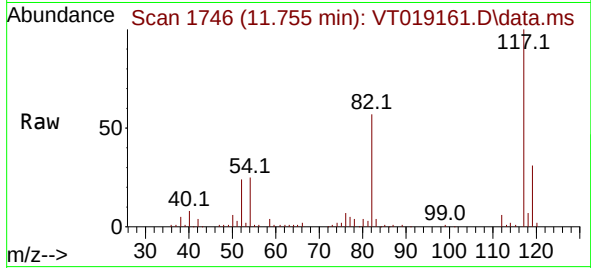
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.755 min Scan# 117
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion:117 Resp: 11526
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 31.6 25.8 38.8

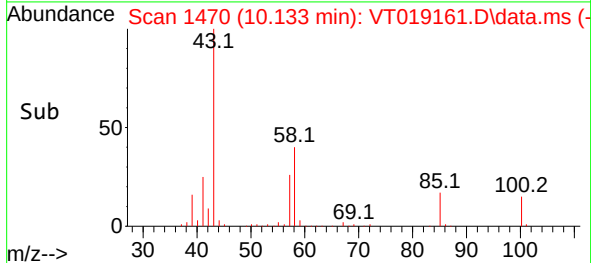
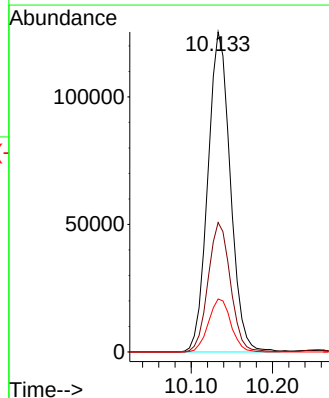
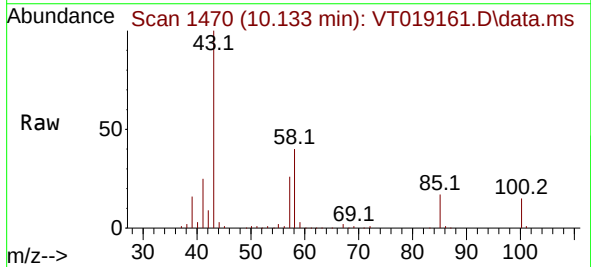
Manual Integrations
APPROVED

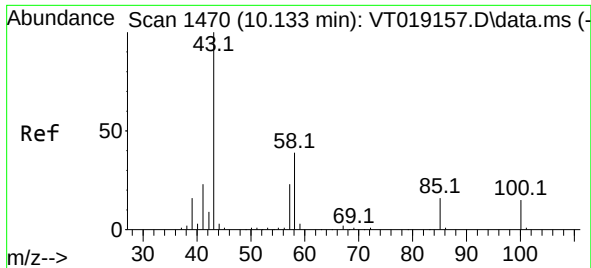
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
4-Methyl-2-Pentanone
Concen: 85.352 ug/l
RT: 10.133 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

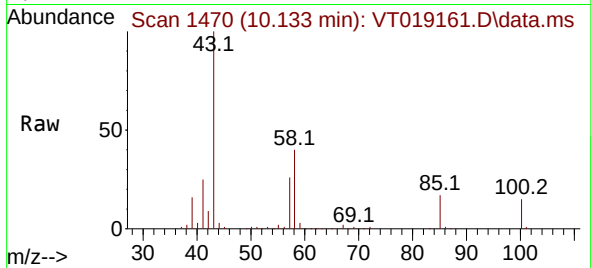
Tgt Ion: 43 Resp: 240935
Ion Ratio Lower Upper
43 100
58 40.3 30.6 45.8
85 16.5 13.4 20.2





#59
2-Hexanone
Concen: 85.352 ug/l
RT: 10.133 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

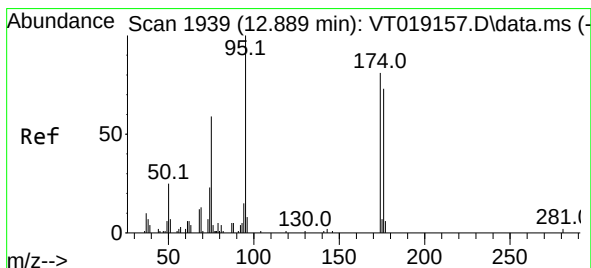
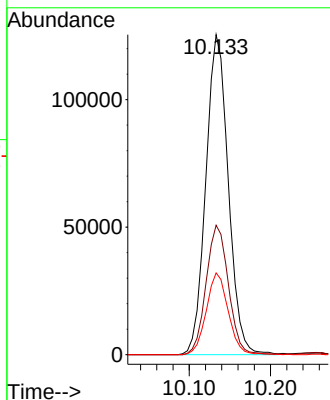
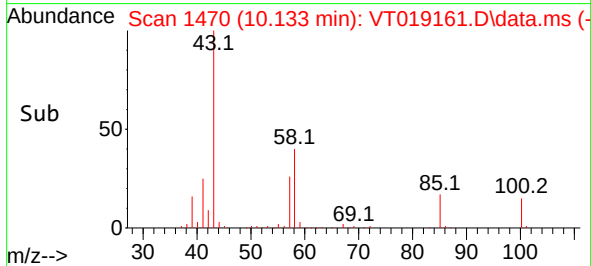
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion: 43 Resp: 240935
Ion Ratio Lower Upper
43 100
58 40.3 42.0 63.0
57 24.7 14.6 21.8

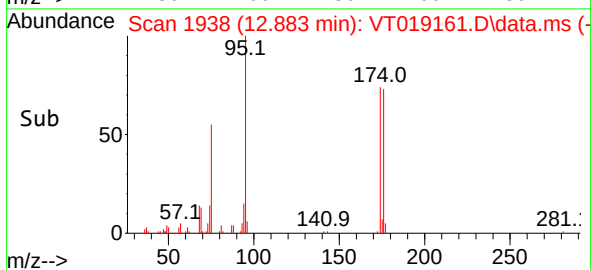
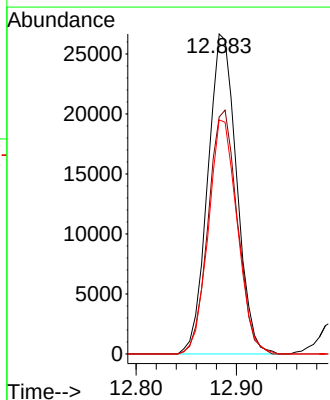
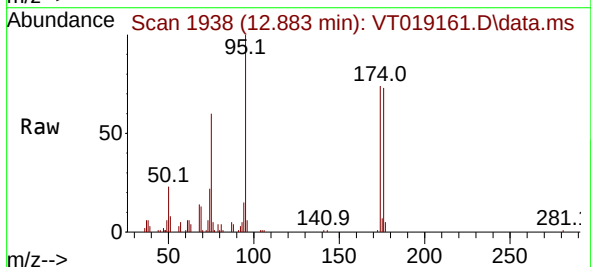
Manual Integrations
APPROVED

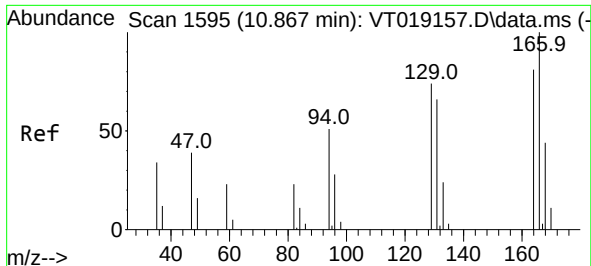
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
4-Bromofluorobenzene
Concen: 29.405 ug/l
RT: 12.883 min Scan# 1938
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

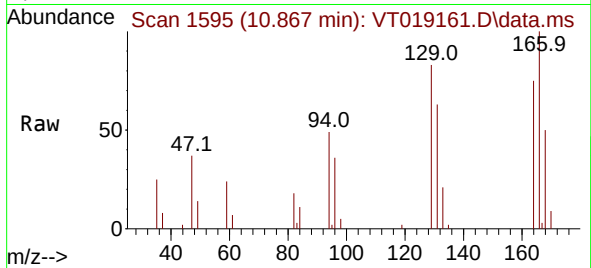
Tgt Ion: 95 Resp: 53270
Ion Ratio Lower Upper
95 100
174 76.9 57.5 86.3
176 73.5 56.4 84.6





#61
Tetrachloroethene
Concen: 17.372 ug/l
RT: 10.867 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

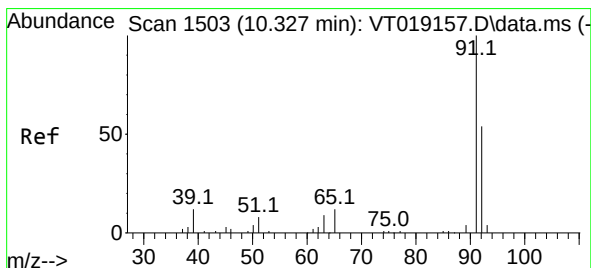
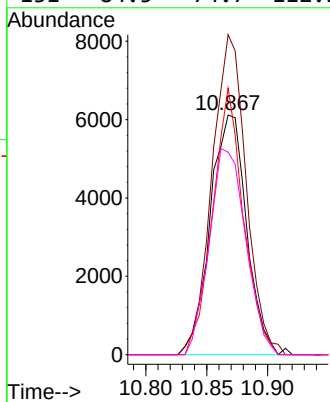
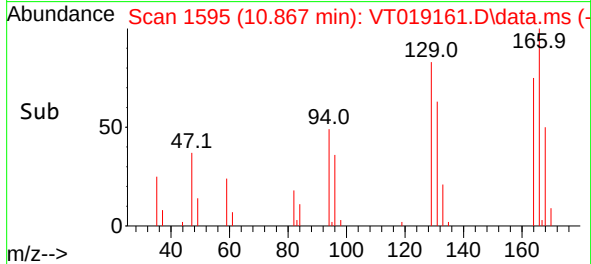
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion:164 Resp: 1265
Ion Ratio Lower Upper
164 100
166 133.5 101.0 151.4
129 111.3 78.6 117.8
131 84.5 74.7 112.1

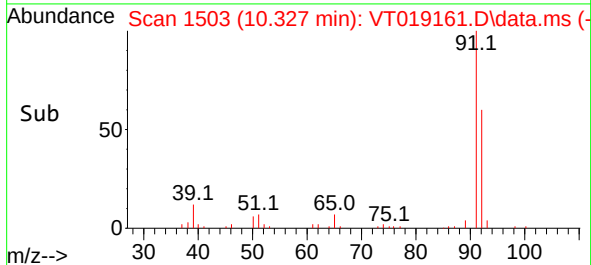
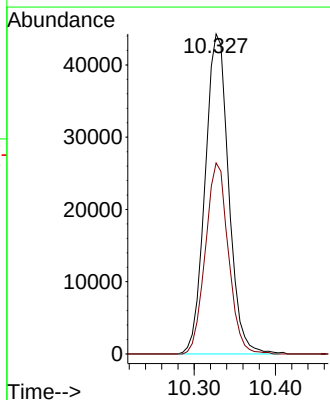
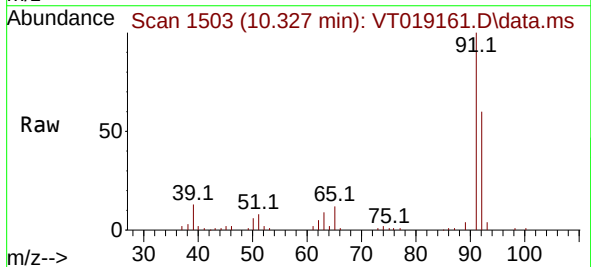
Manual Integrations
APPROVED

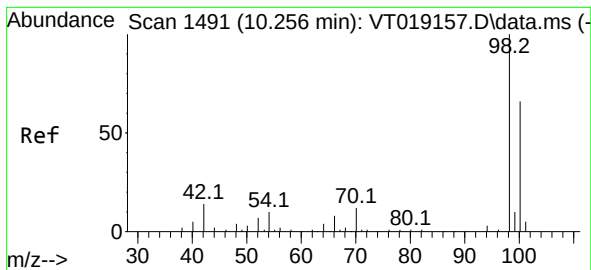
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
Toluene
Concen: 17.249 ug/l
RT: 10.327 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 91 Resp: 89053
Ion Ratio Lower Upper
91 100
92 58.3 46.6 69.8





#63

Toluene-d8

Concen: 29.369 ug/l

RT: 10.256 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion: 98 Resp: 164772

Ion Ratio Lower Upper

98 100

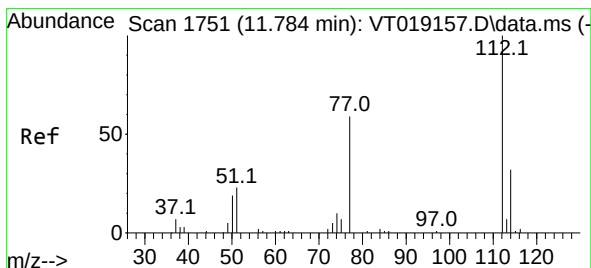
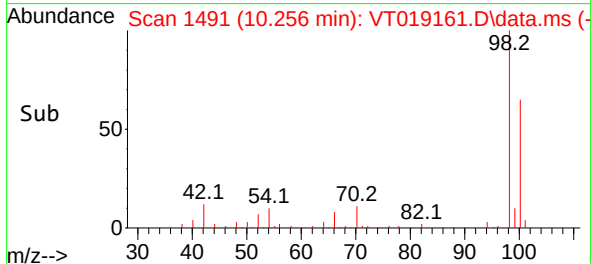
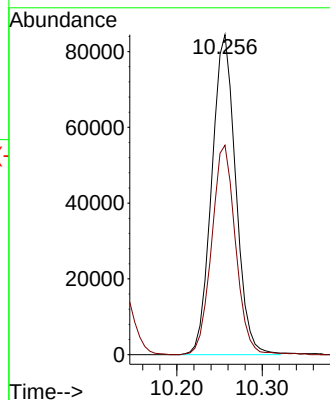
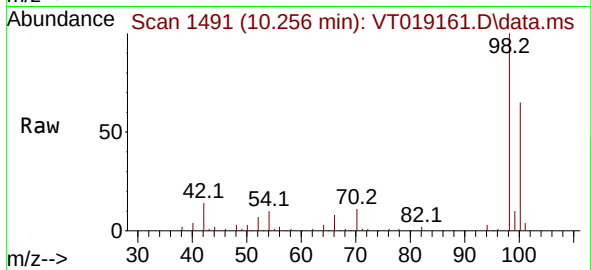
100 64.9 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#64

Chlorobenzene

Concen: 17.368 ug/l

RT: 11.778 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VT019161.D

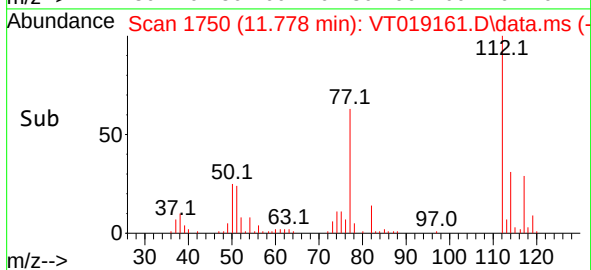
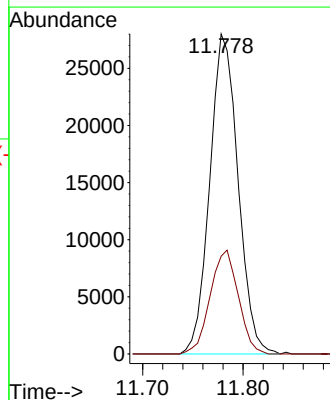
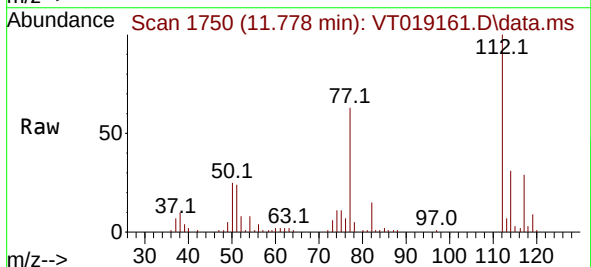
Acq: 22 Oct 2025 17:32

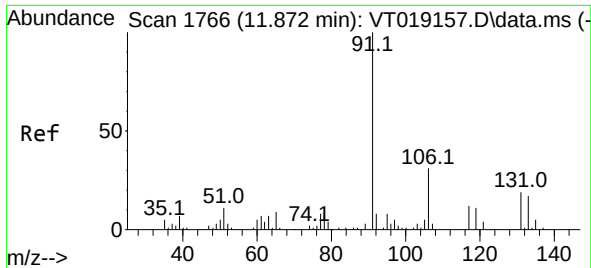
Tgt Ion:112 Resp: 54770

Ion Ratio Lower Upper

112 100

114 30.5 23.6 35.4





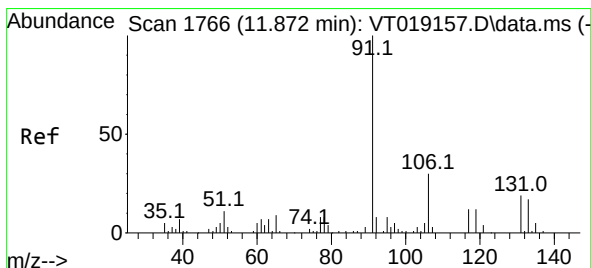
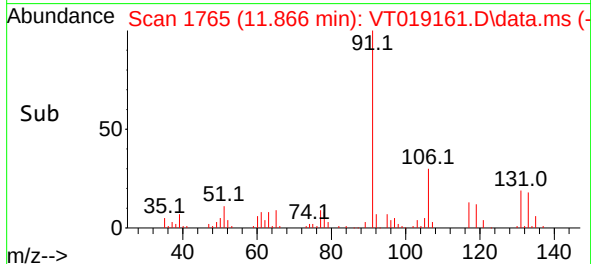
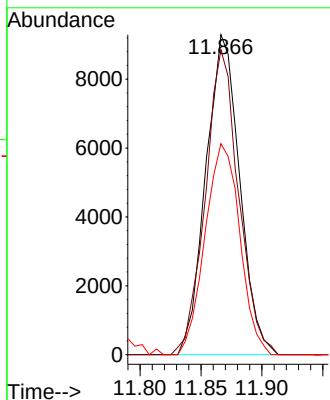
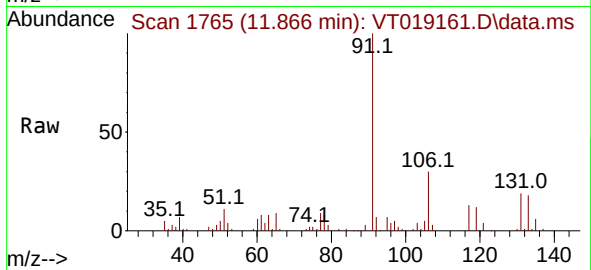
#65
1,1,1,2-Tetrachloroethane
Concen: 17.465 ug/l
RT: 11.866 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion:131 Resp: 17940
Ion Ratio Lower Upper
131 100
133 93.6 0.0 188.2
119 67.7 0.0 101.8

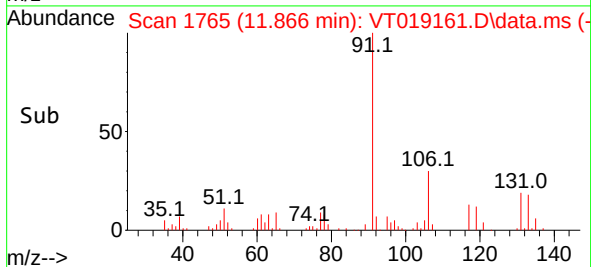
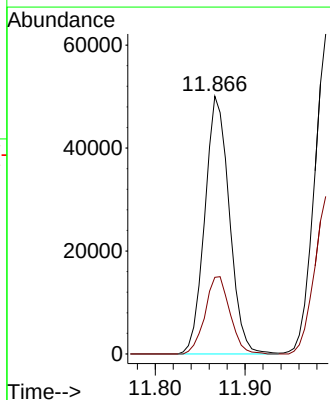
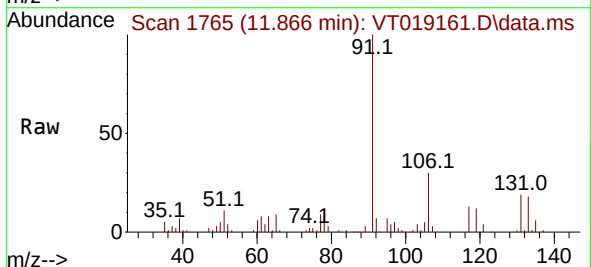
Manual Integrations
APPROVED

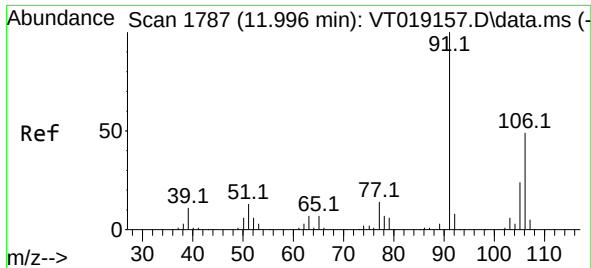
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 16.927 ug/l
RT: 11.866 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 91 Resp: 94980
Ion Ratio Lower Upper
91 100
106 29.7 25.1 37.7





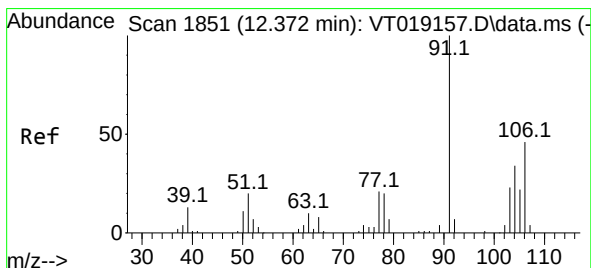
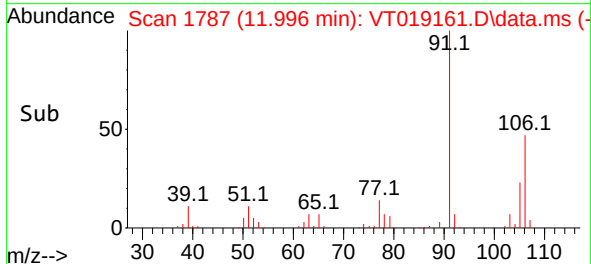
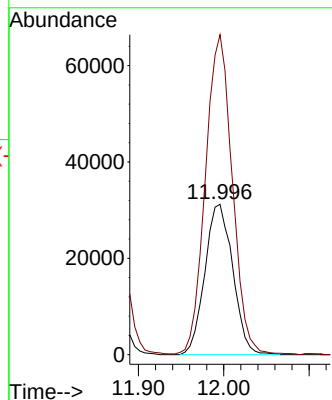
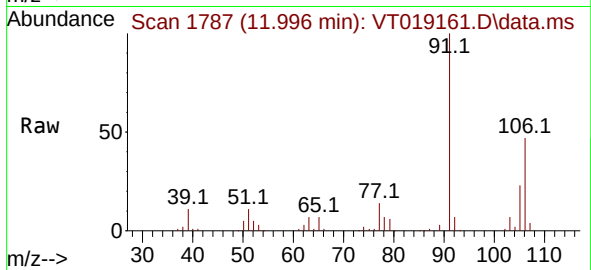
#67
m/p-Xylenes
Concen: 34.041 ug/l
RT: 11.996 min Scan# 1190
Delta R.T. 0.001 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion:106 Resp: 71000
Ion Ratio Lower Upper
106 100
91 205.5 164.4 246.6

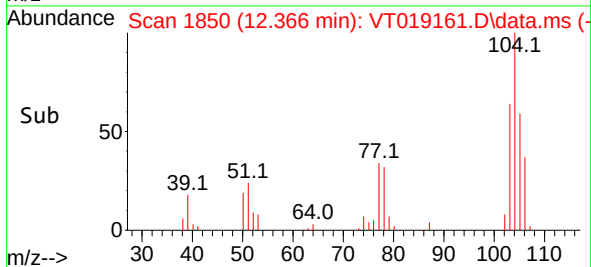
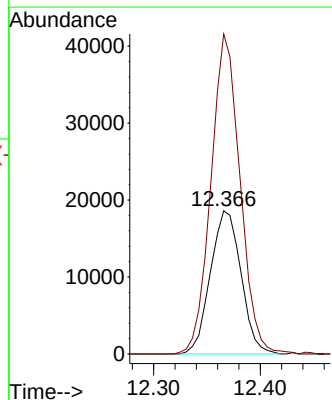
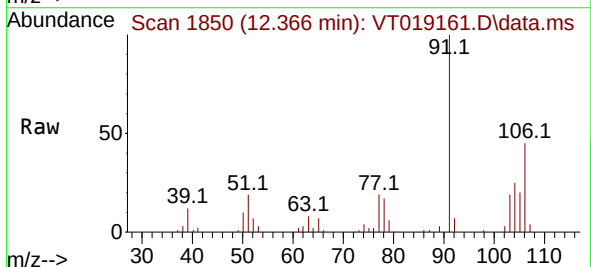
Manual Integrations
APPROVED

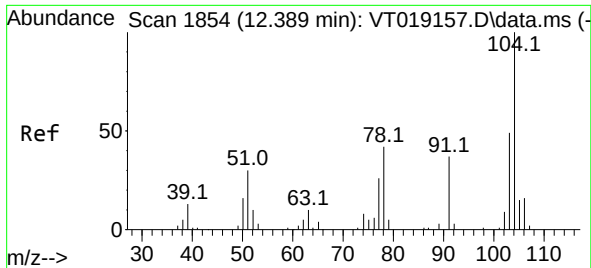
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
o-Xylene
Concen: 17.223 ug/l
RT: 12.366 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion:106 Resp: 37081
Ion Ratio Lower Upper
106 100
91 212.9 111.3 333.8





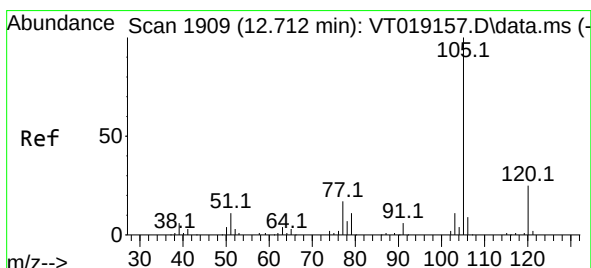
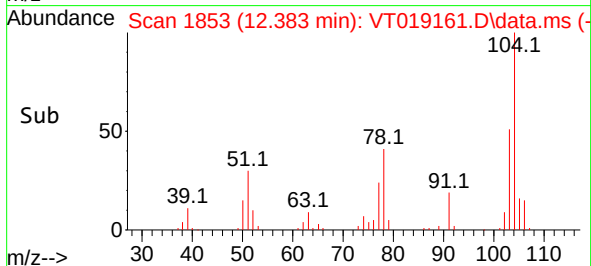
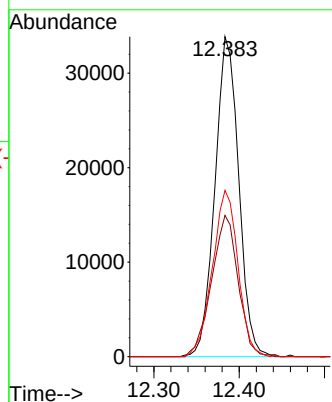
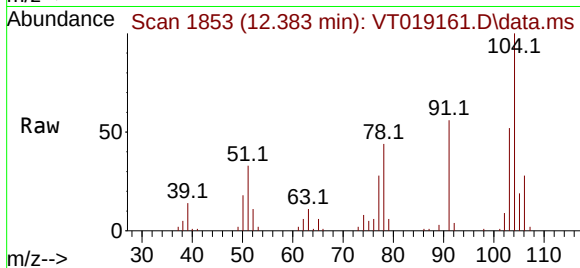
#69
Styrene
Concen: 17.011 ug/l
RT: 12.383 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVT102225

Tgt Ion:104 Resp: 65754
Ion Ratio Lower Upper
104 100
78 49.0 42.6 63.8
103 55.7 43.5 65.3

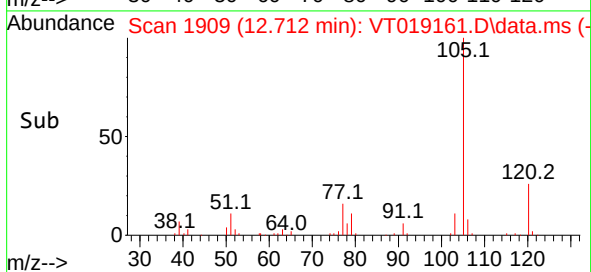
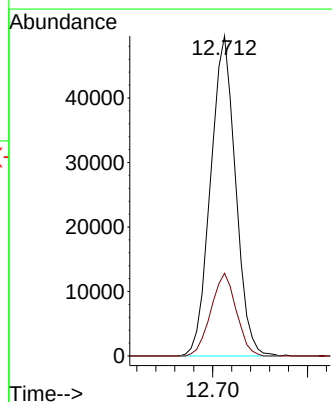
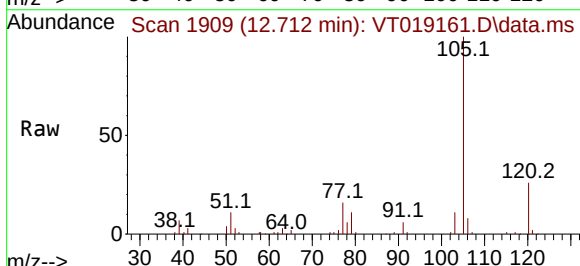
Manual Integrations
APPROVED

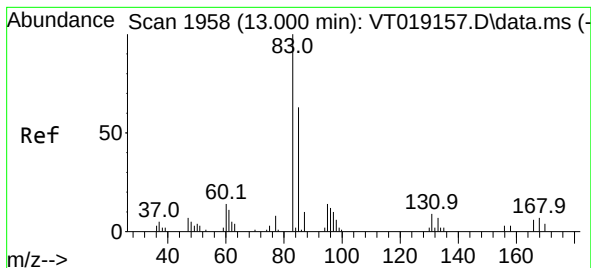
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 17.168 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

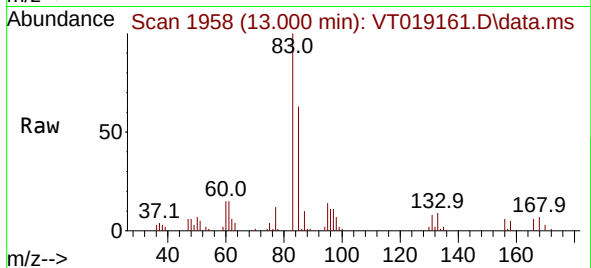
Tgt Ion:105 Resp: 90665
Ion Ratio Lower Upper
105 100
120 26.2 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 18.200 ug/l
RT: 13.000 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

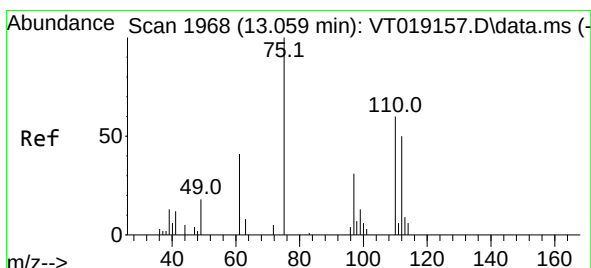
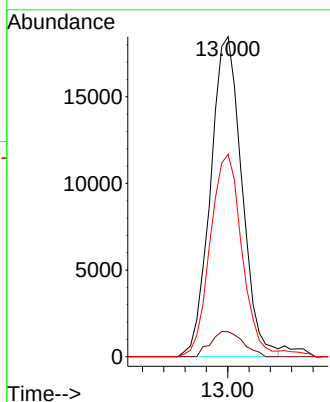
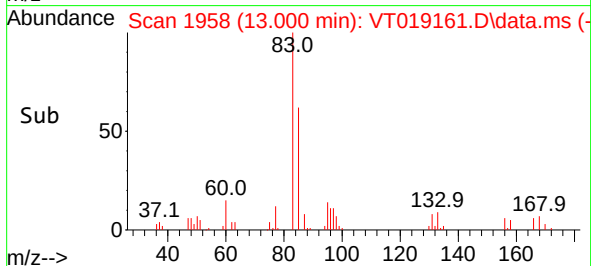
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



Tgt Ion: 83 Resp: 3771
Ion Ratio Lower Upper
83 100
131 8.2 6.0 18.0
85 63.8 32.3 96.9

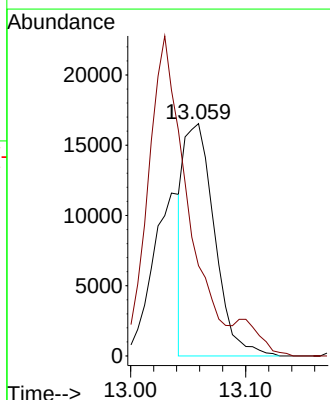
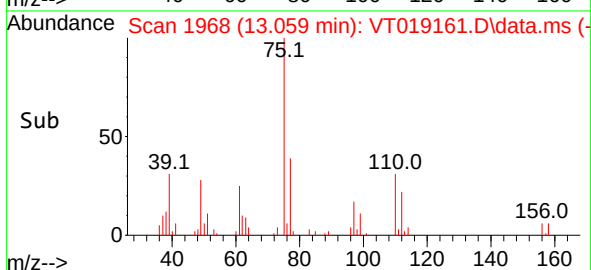
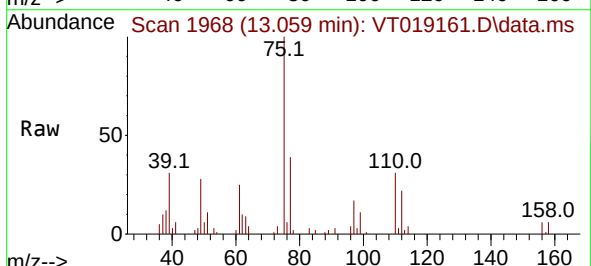
Manual Integrations
APPROVED

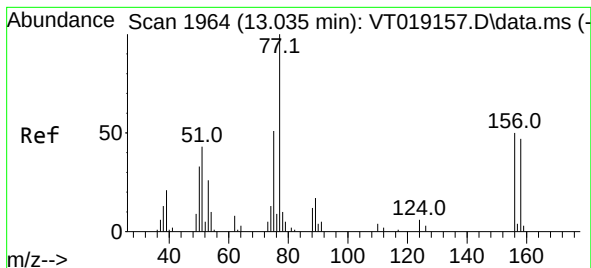
Reviewed By :John Carbone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 20.131 ug/l m
RT: 13.059 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 75 Resp: 30790
Ion Ratio Lower Upper
75 100
77 176.7 0.0 74.2#





#73

Bromobenzene

Concen: 17.436 ug/l

RT: 13.030 min Scan# 1964

Delta R.T. -0.005 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

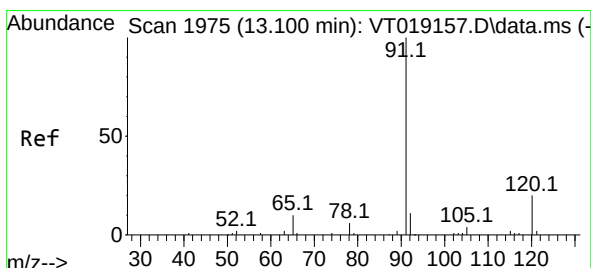
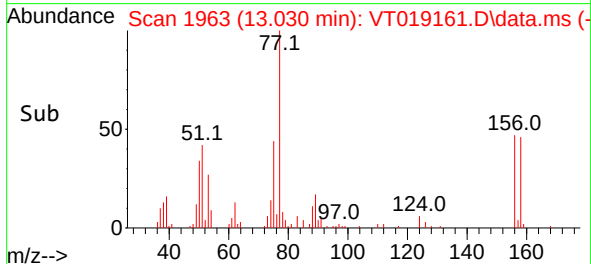
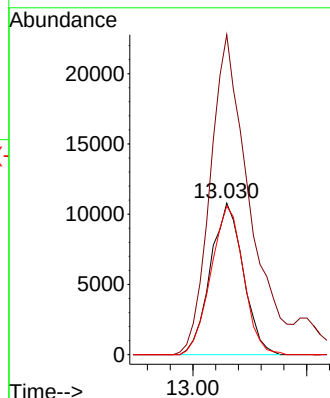
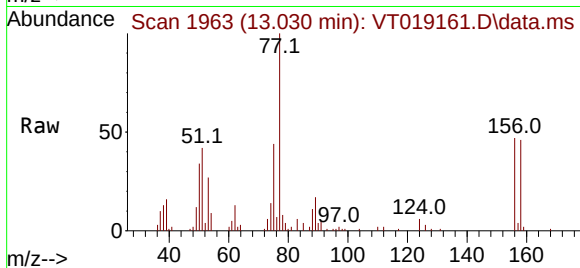
Tgt Ion:	156	Resp:	2165
Ion Ratio	Lower	Upper	
156	100		
77	251.3	0.0	340.8
158	97.1	0.0	189.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

n-propylbenzene

Concen: 17.024 ug/l

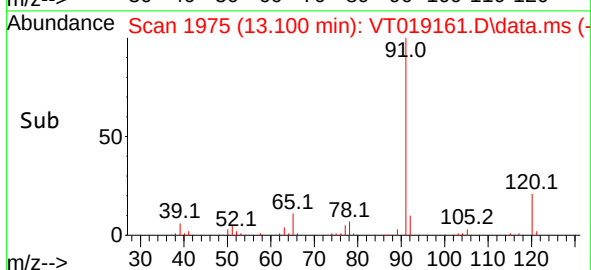
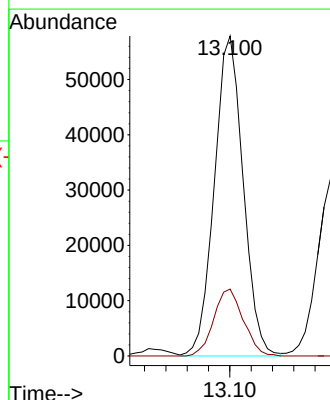
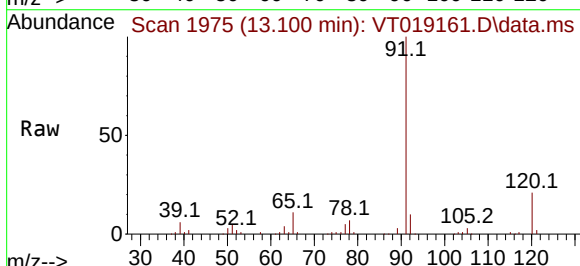
RT: 13.100 min Scan# 1975

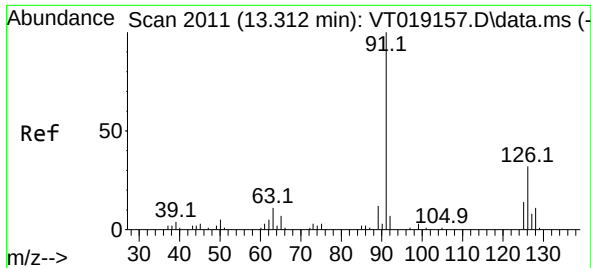
Delta R.T. 0.000 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Tgt Ion:	91	Resp:	108409
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	44.4





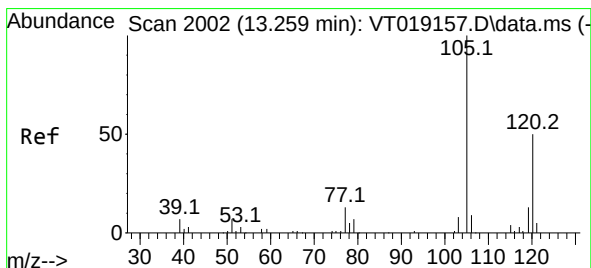
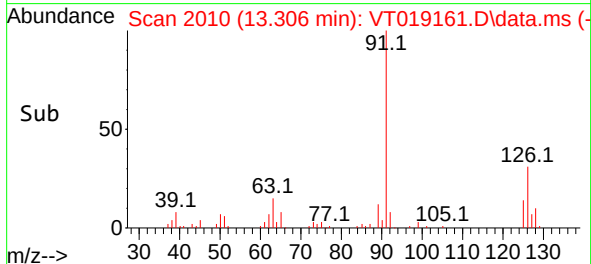
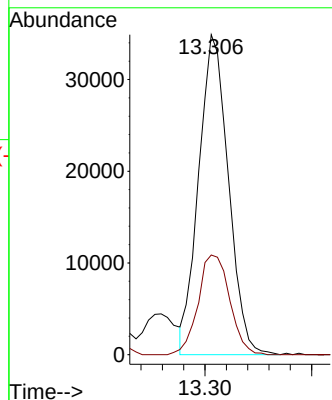
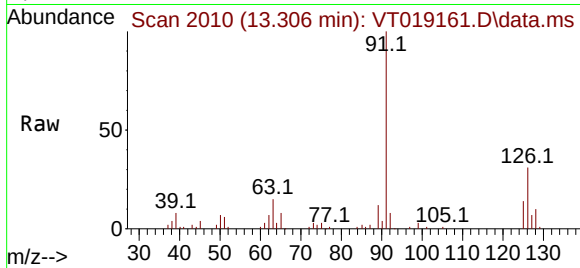
#75
2-Chlorotoluene
Concen: 17.315 ug/l
RT: 13.306 min Scan# 2010
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVT102225

Tgt Ion: 91 Resp: 67498
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.6

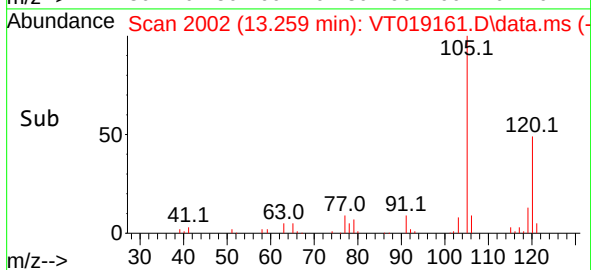
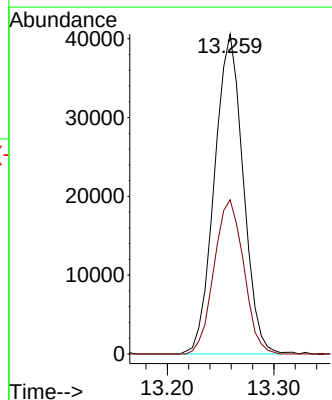
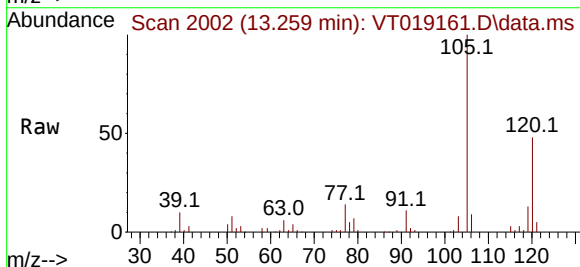
Manual Integrations
APPROVED

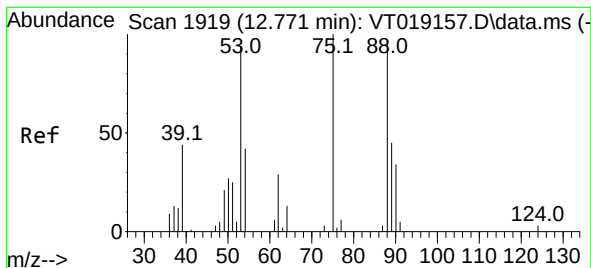
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.520 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion:105 Resp: 75906
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.0





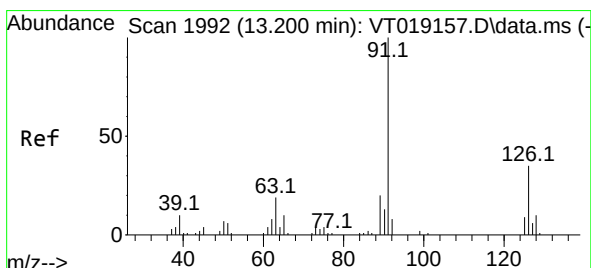
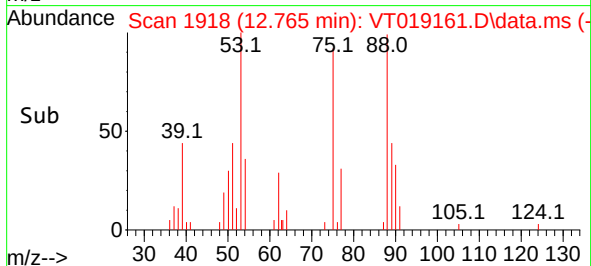
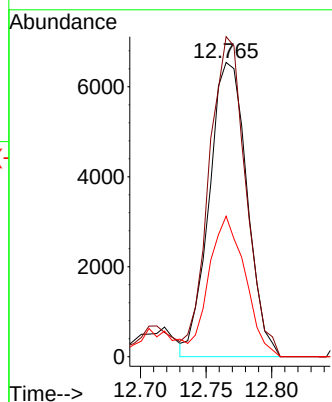
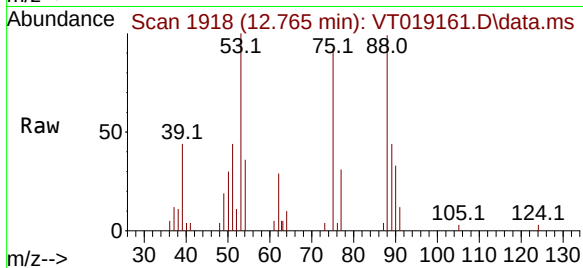
#77
t-1,4-Dichloro-2-butene
Concen: 17.606 ug/l
RT: 12.765 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVT102225

Tgt Ion: 75 Resp: 13084
Ion Ratio Lower Upper
75 100
53 108.8 48.4 145.2
89 47.7 33.8 101.3

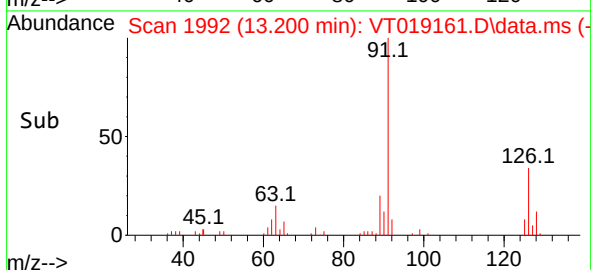
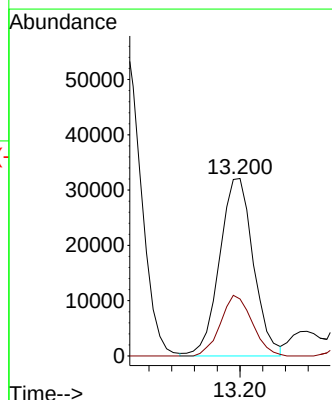
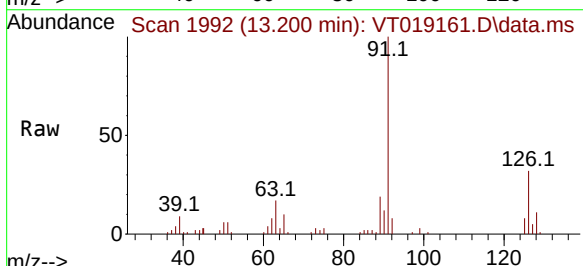
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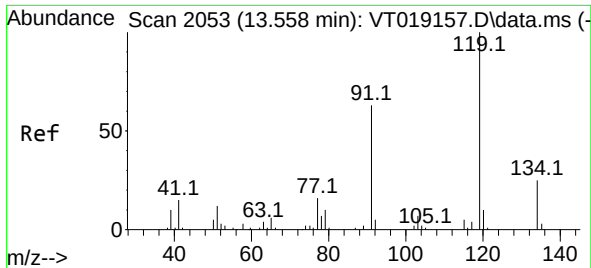
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
4-Chlorotoluene
Concen: 17.279 ug/l
RT: 13.200 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 91 Resp: 66443
Ion Ratio Lower Upper
91 100
126 31.9 0.0 57.2





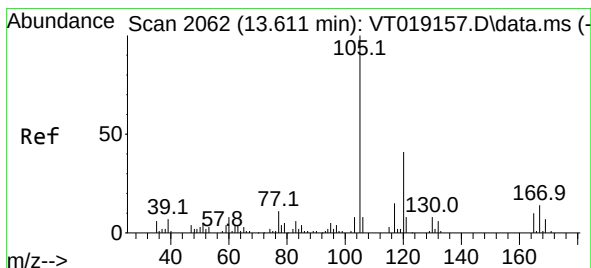
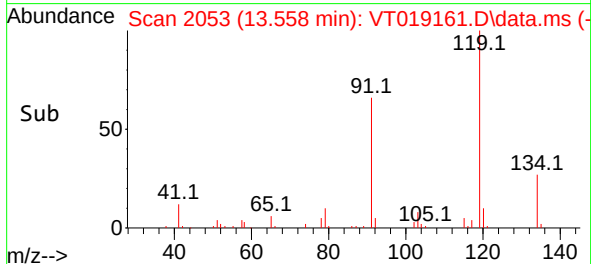
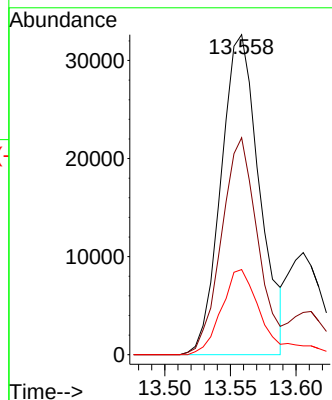
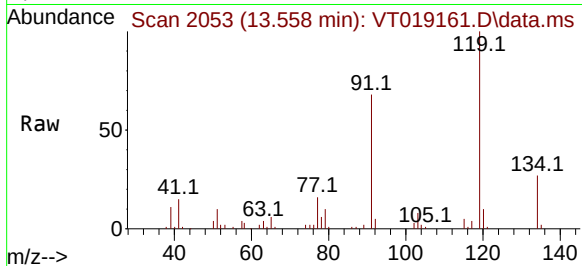
#79
tert-butylbenzene
Concen: 17.289 ug/l
RT: 13.558 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225

Tgt Ion:119 Resp: 66520
Ion Ratio Lower Upper
119 100
91 64.1 0.0 120.6
134 25.5 0.0 46.0

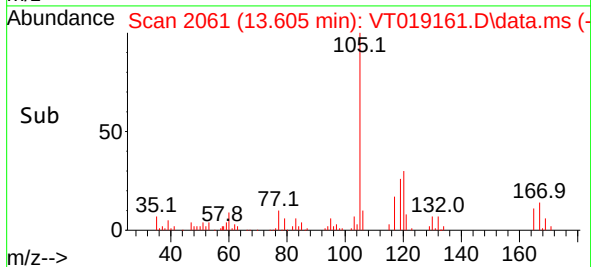
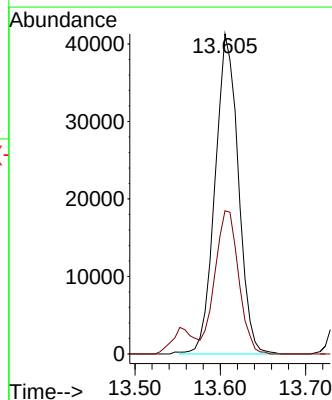
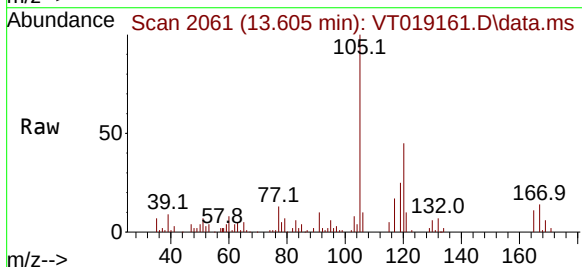
Manual Integrations
APPROVED

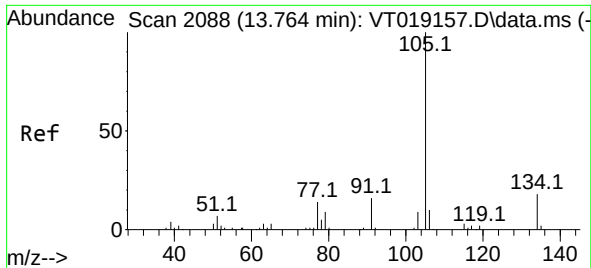
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.329 ug/l
RT: 13.605 min Scan# 2061
Delta R.T. -0.006 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion:105 Resp: 78331
Ion Ratio Lower Upper
105 100
120 45.7 0.0 88.6





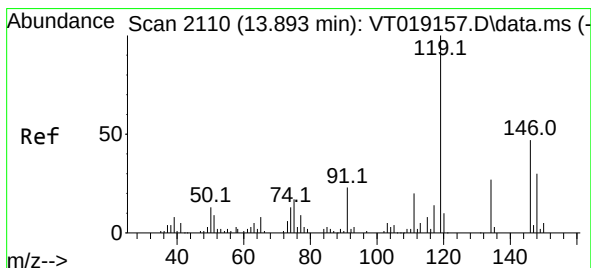
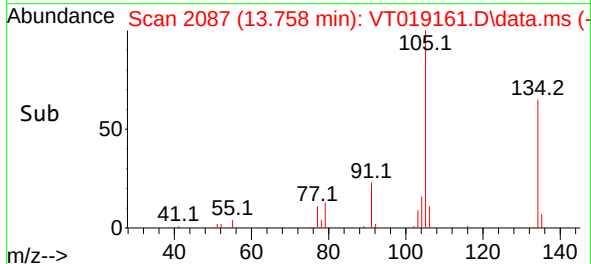
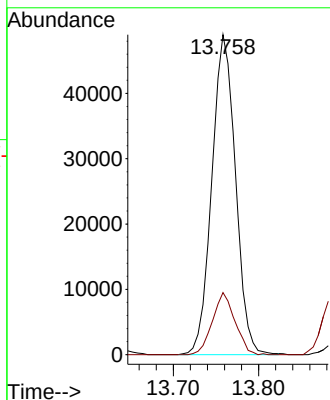
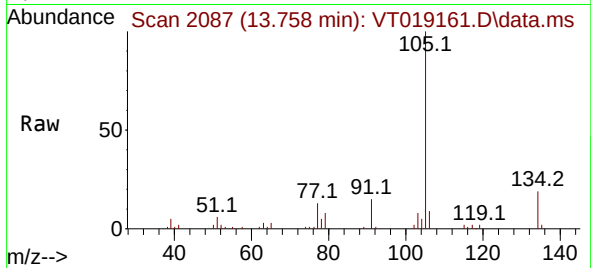
#81
 sec-Butylbenzene
 Concen: 17.070 ug/l
 RT: 13.758 min Scan# 2088
 Delta R.T. -0.006 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVT102225

Tgt Ion:105 Resp: 9464
 Ion Ratio Lower Upper
 105 100
 134 18.4 0.0 39.4

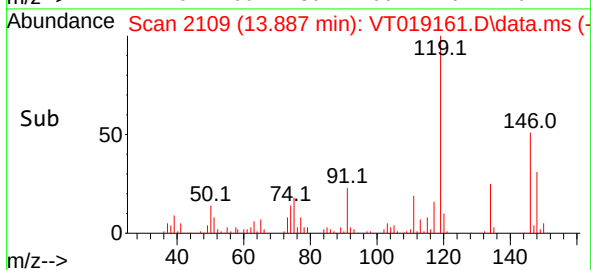
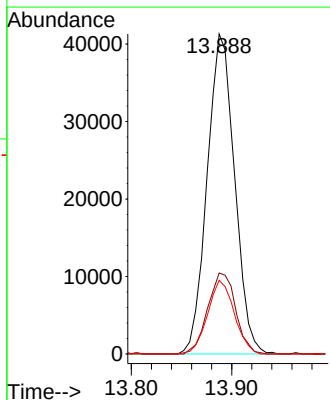
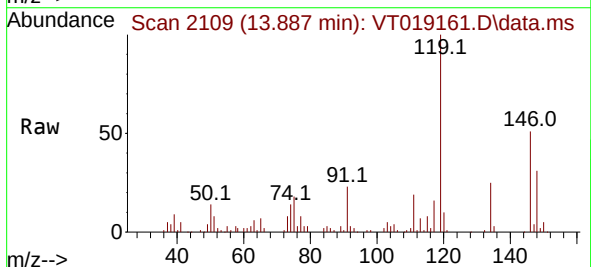
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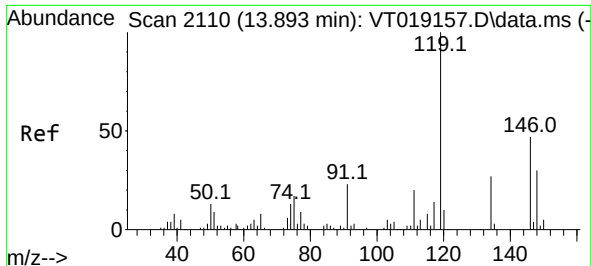
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#82
 p-Isopropyltoluene
 Concen: 16.999 ug/l
 RT: 13.887 min Scan# 2109
 Delta R.T. -0.006 min
 Lab File: VT019161.D
 Acq: 22 Oct 2025 17:32

Tgt Ion:119 Resp: 78410
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 22.3 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 17.305 ug/l

RT: 13.887 min Scan# 2109

Delta R.T. -0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVT102225

Tgt Ion:146 Resp: 42140

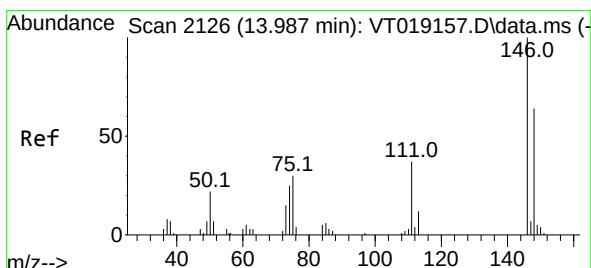
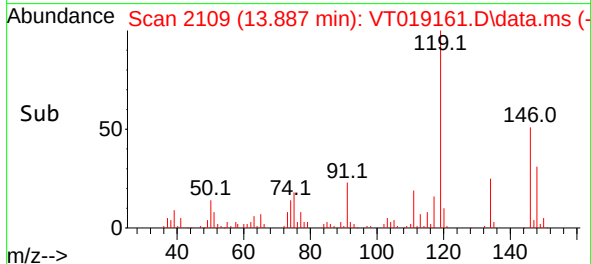
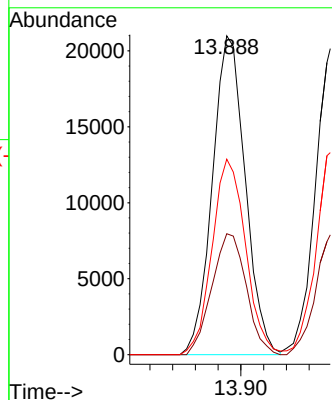
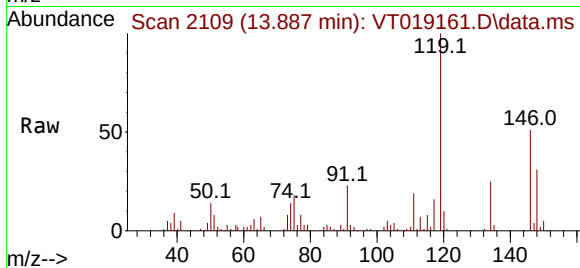
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.7	62.1
148	62.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#84

1,4-Dichlorobenzene

Concen: 17.631 ug/l

RT: 13.982 min Scan# 2125

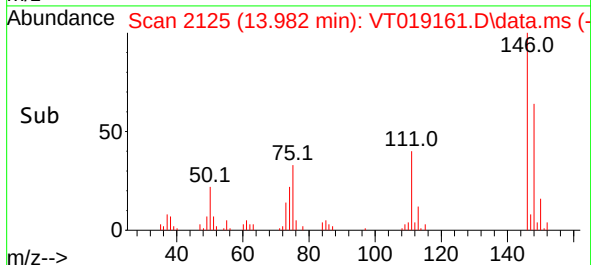
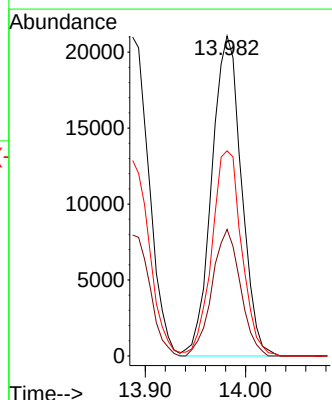
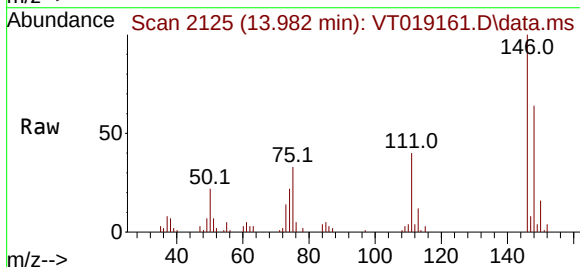
Delta R.T. 0.001 min

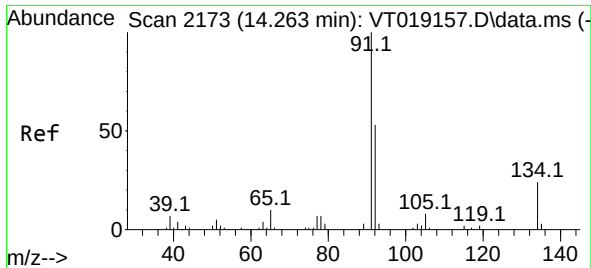
Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Tgt Ion:146 Resp: 43233

Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.4	61.3
148	64.5	32.3	96.8





#85

n-Butylbenzene

Concen: 16.595 ug/l

RT: 14.258 min Scan# 2173

Delta R.T. -0.005 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVVT102225

Tgt Ion: 91 Resp: 70050

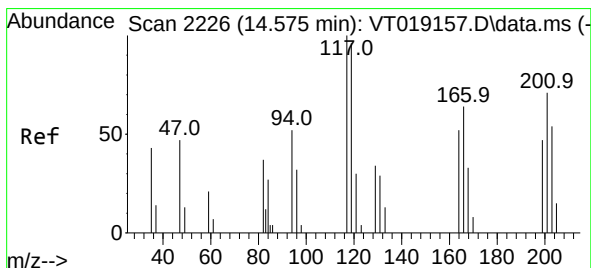
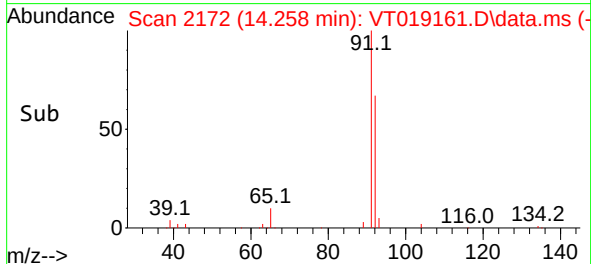
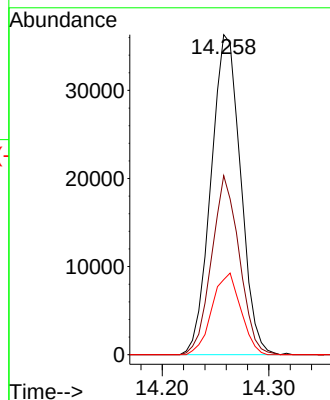
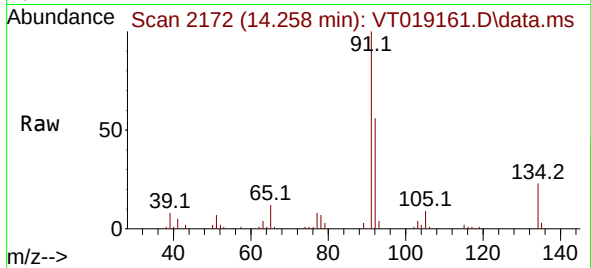
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	107.8
134	24.8	0.0	50.0

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#86

Hexachloroethane

Concen: 18.344 ug/l

RT: 14.569 min Scan# 2225

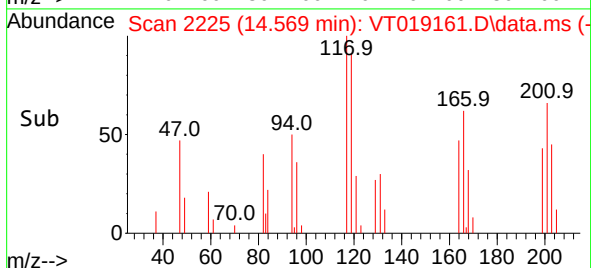
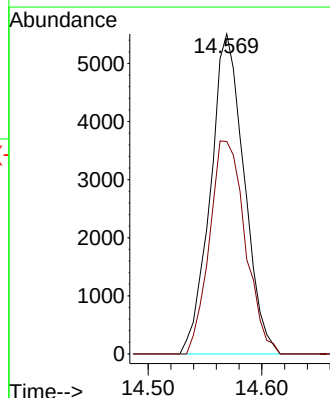
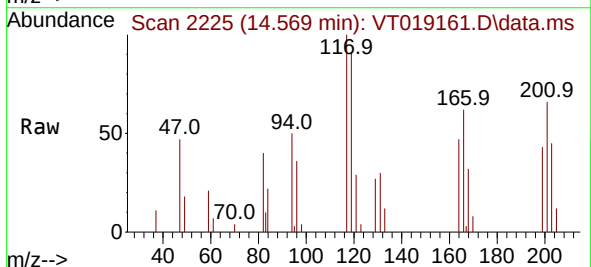
Delta R.T. -0.006 min

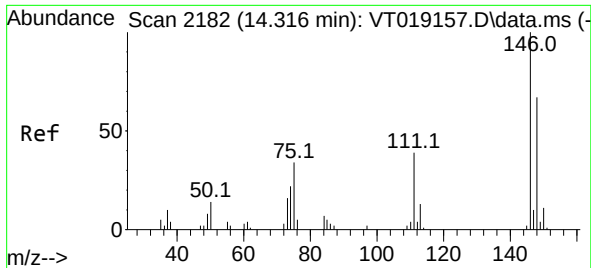
Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Tgt Ion:117 Resp: 11339

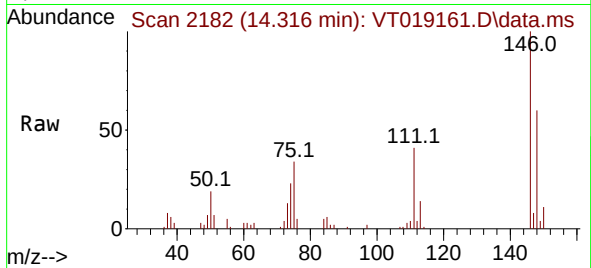
Ion	Ratio	Lower	Upper
117	100		
201	70.6	0.5	1.5#





#87
1,2-Dichlorobenzene
Concen: 17.557 ug/l
RT: 14.316 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

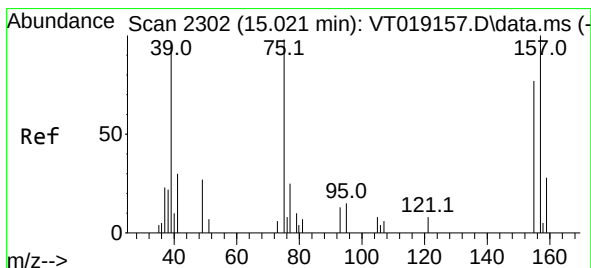
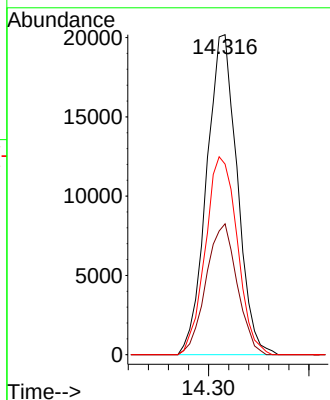
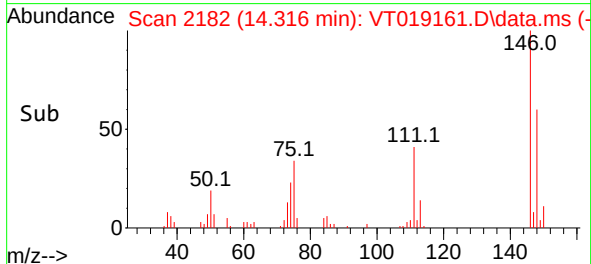
Instrument :
MSVOA_T
ClientSampleId :
ICVVT102225



Tgt Ion:146 Resp: 42715
Ion Ratio Lower Upper
146 100
111 41.6 21.8 65.3
148 64.5 32.4 97.0

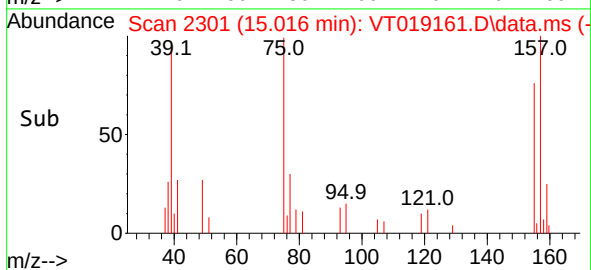
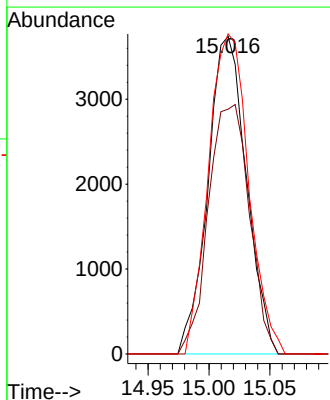
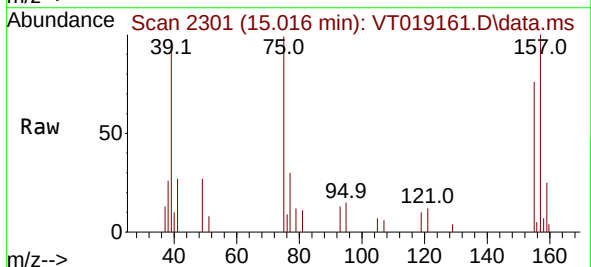
Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.061 ug/l
RT: 15.016 min Scan# 2301
Delta R.T. -0.005 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

Tgt Ion: 75 Resp: 8222
Ion Ratio Lower Upper
75 100
155 83.5 65.4 98.2
157 105.4 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 17.454 ug/l

RT: 15.803 min Scan# 2436

Delta R.T. -0.006 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

Instrument :

MSVOA_T

ClientSampleId :

ICVVT102225

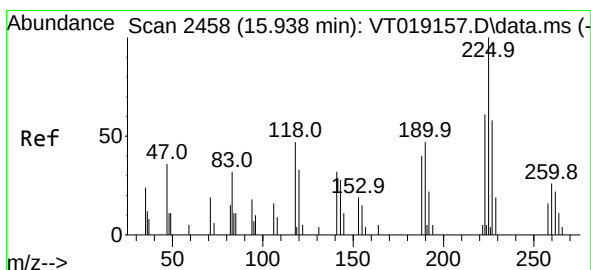
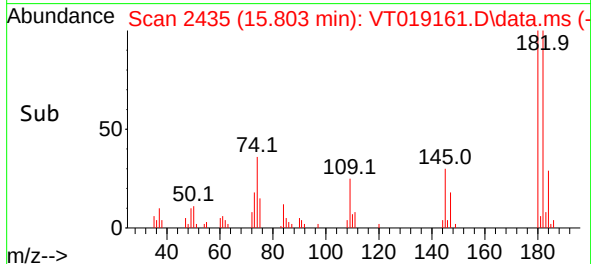
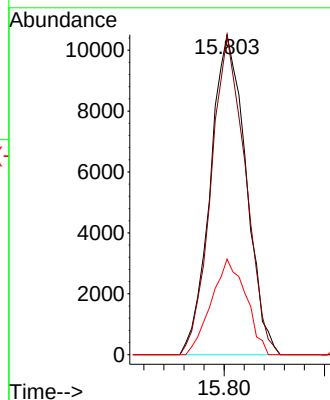
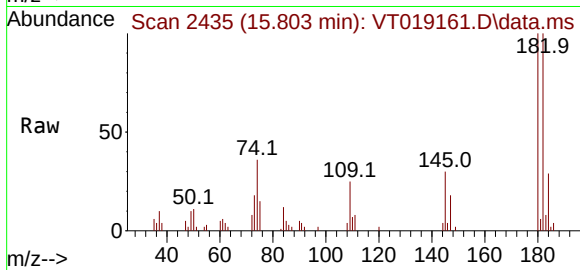
Tgt Ion:180	Resp:	2585
Ion Ratio	Lower	Upper
180	100	
182	96.0	78.2 117.2
145	29.0	26.5 39.7

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachlorobutadiene

Concen: 17.386 ug/l

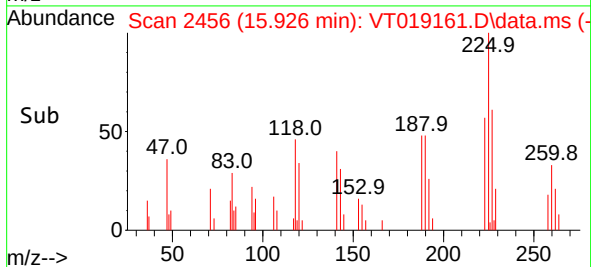
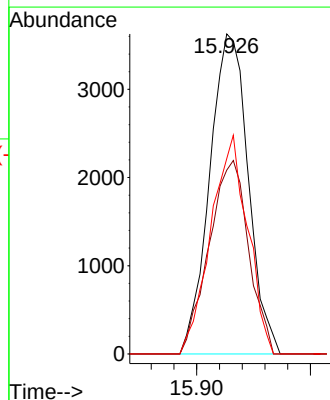
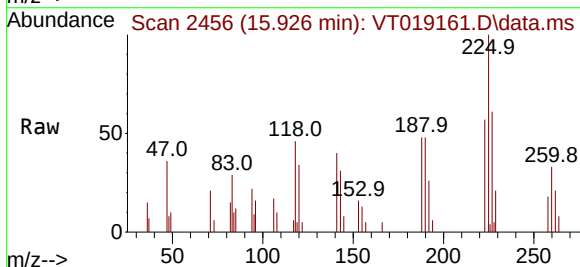
RT: 15.926 min Scan# 2456

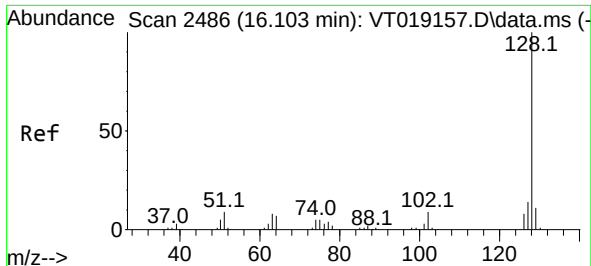
Delta R.T. -0.012 min

Lab File: VT019161.D

Acq: 22 Oct 2025 17:32

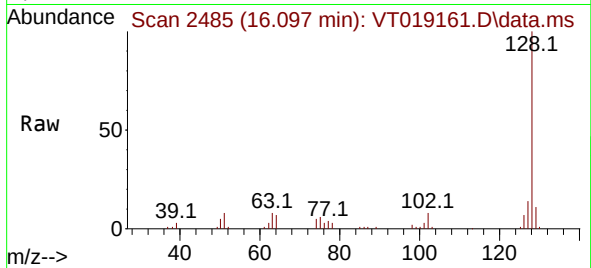
Tgt Ion:225	Resp:	8538
Ion Ratio	Lower	Upper
225	100	
223	61.9	0.0 73.8
227	65.3	0.0 130.6





#91
Naphthalene
Concen: 17.407 ug/l
RT: 16.097 min Scan# 2486
Delta R.T. -0.000 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32

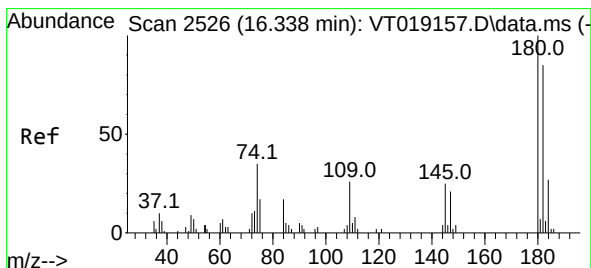
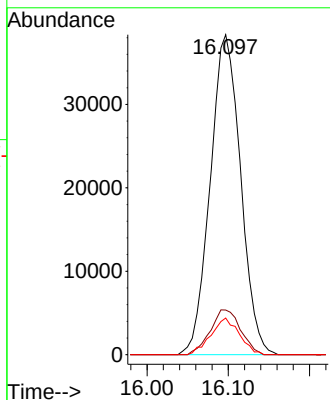
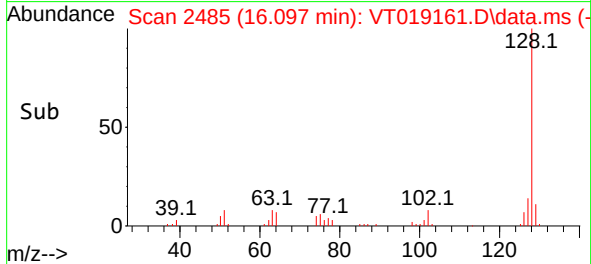
Instrument :
MSVOA_T
ClientSampleId :
ICVT102225



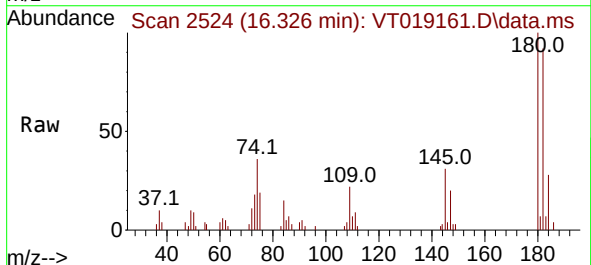
Tgt Ion:128 Resp: 99652
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.7 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.627 ug/l
RT: 16.326 min Scan# 2524
Delta R.T. -0.012 min
Lab File: VT019161.D
Acq: 22 Oct 2025 17:32



Tgt Ion:180 Resp: 26352
Ion Ratio Lower Upper
180 100
182 95.2 0.0 189.0
145 32.9 0.0 69.2

