

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019164.D
 Acq On : 23 Oct 2025 10:34
 Operator : SY/MD
 Sample : VT1023WBS01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 06:40:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.060	128	23841	30.000	ug/l	#-0.02
28) 1,4-Difluorobenzene	8.564	114	154054	30.000	ug/l	-0.01
57) Chlorobenzene-d5	11.737	117	127263	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	64124	30.700	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.333%			
60) 4-Bromofluorobenzene	12.871	95	59397	29.696	ug/l	-0.02
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.000%			
63) Toluene-d8	10.239	98	184637	29.808	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.367%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.878	85	14498	22.158	ug/l	95
3) Chloromethane	2.095	50	27355m	18.214	ug/l	
4) Vinyl Chloride	2.195	62	29950	17.843	ug/l	95
5) Bromomethane	2.548	94	25531	18.316	ug/l	87
6) Chloroethane	2.683	64	26178	17.684	ug/l	92
7) Trichlorofluoromethane	2.988	101	48309	17.747	ug/l	97
8) Diethyl Ether	3.353	74	28466	16.985	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.676	101	27229	25.478	ug/l	99
10) 1,1-Dichloroethene	3.658	96	26539	24.789	ug/l	98
11) Methyl Iodide	3.864	142	20053	19.221	ug/l #	10
12) Methyl Acetate	4.210	43	78006	18.425	ug/l	97
13) Acrolein	3.535	56	17090	119.691	ug/l	100
14) Acrylonitrile	4.839	53	118805	91.044	ug/l	100
15) Acetone	3.735	58	44618	95.969	ug/l	96
16) Carbon Disulfide	3.952	76	37090	18.549	ug/l	96
17) Allyl chloride	4.210	41	42507	16.702	ug/l	90
18) Methylene Chloride	4.422	84	30309	18.982	ug/l	95
19) trans-1,2-Dichloroethene	6.678	96	31623	19.198	ug/l	98
20) Diisopropyl ether	5.797	45	124317	19.189	ug/l #	66
21) 1,1-Dichloroethane	5.691	63	56622	18.705	ug/l	97
22) cis-1,2-Dichloroethene	6.678	96	31623	19.198	ug/l	94
23) tert-Butyl Alcohol	4.651	59	52716	92.209	ug/l #	100
24) Methyl tert-Butyl Ether	4.892	73	119479	18.572	ug/l	97
25) Chloroform	7.254	83	54008	19.504	ug/l	98
26) Cyclohexane	7.548	56	34986	19.695	ug/l #	99
29) 1,1-Dichloropropene	7.695	75	30297	18.794	ug/l	96
30) 2-Butanone	6.690	43	174210	87.677	ug/l	99
31) 2,2-Dichloropropane	6.672	77	44512m	18.860	ug/l	
32) 1,1,1-Trichloroethane	7.460	97	38090	18.755	ug/l #	75
33) Carbon Tetrachloride	7.677	117	26120	20.073	ug/l #	91
34) Benzene	7.971	78	109094	18.267	ug/l #	83
35) Methacrylonitrile	7.031	41	28268	16.714	ug/l	92
36) 1,2-Dichloroethane	8.059	62	41007	18.522	ug/l #	90
37) Trichloroethene	8.840	130	20256	18.436	ug/l	91
38) Methylcyclohexane	9.111	83	32692	20.139	ug/l	97
39) 1,2-Dichloropropane	9.152	63	27596m	17.643	ug/l	
40) Dibromomethane	9.246	93	16754	17.372	ug/l #	74
41) Bromodichloromethane	10.773	83	22345	18.037	ug/l #	88
42) Vinyl Acetate	5.738	43	448143	91.927	ug/l	99

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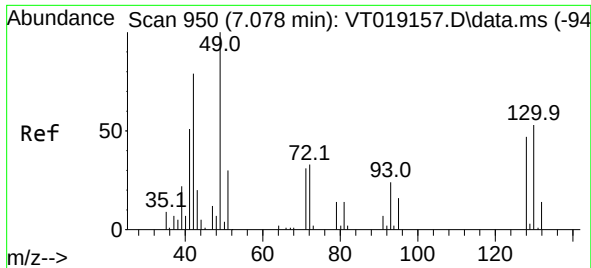
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/27/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.784	43	60933	18.655	ug/l #	85
44) Isopropyl Acetate	8.106	43	93735	18.234	ug/l	98
45) 1,4-Dioxane	9.246	88	16236	364.062	ug/l #	75
46) Methyl methacrylate	9.246	41	40961	17.820	ug/l	83
47) n-amyl Acetate	12.489	43	64315	18.592	ug/l	99
48) t-1,3-Dichloropropene	10.568	75	41444	18.437	ug/l	99
49) cis-1,3-Dichloropropene	9.957	75	43077	18.243	ug/l	95
50) 1,1,2-Trichloroethane	10.779	97	26146	18.432	ug/l #	89
51) Ethyl methacrylate	10.627	69	49069	18.458	ug/l	91
52) 1,3-Dichloropropane	10.938	76	46231	18.247	ug/l	100
53) Dibromochloromethane	11.161	129	24139	18.242	ug/l #	2
54) 1,2-Dibromoethane	11.285	107	23486	17.801	ug/l	98
55) 2-Chloroethyl vinyl ether	9.798	63	62408	80.491	ug/l	98
56) Bromoform	12.560	173	17131	19.693	ug/l #	20
58) 4-Methyl-2-Pentanone	10.121	43	274660	88.128	ug/l	98
59) 2-Hexanone	10.121	43	274660	88.128	ug/l #	83
61) Tetrachloroethene	10.856	164	16007	19.899	ug/l	93
62) Toluene	10.315	91	105401	18.491	ug/l	100
64) Chlorobenzene	11.766	112	63049	18.108	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.855	131	21845	19.261	ug/l	92
66) Ethyl Benzene	11.855	91	115952	18.717	ug/l	96
67) m/p-Xylenes	11.984	106	84571	36.724	ug/l	100
68) o-Xylene	12.354	106	43842	18.444	ug/l	94
69) Styrene	12.372	104	77862	18.245	ug/l	96
70) Isopropylbenzene	12.695	105	112666	19.323	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.983	83	41908	18.319	ug/l	98
72) 1,2,3-Trichloropropane	13.041	75	33529m	19.855	ug/l	
73) Bromobenzene	13.018	156	25235	18.405	ug/l	62
74) n-propylbenzene	13.088	91	133957	19.053	ug/l	97
75) 2-Chlorotoluene	13.294	91	81022	18.825	ug/l	99
76) 1,3,5-Trimethylbenzene	13.247	105	92823	19.405	ug/l	98
77) t-1,4-Dichloro-2-butene	12.754	75	15032	18.320	ug/l	83
78) 4-Chlorotoluene	13.182	91	79995	18.842	ug/l	95
79) tert-butylbenzene	13.547	119	81780	19.250	ug/l	95
80) 1,2,4-Trimethylbenzene	13.594	105	92019	18.438	ug/l	97
81) sec-Butylbenzene	13.746	105	121251	19.808	ug/l	99
82) p-Isopropyltoluene	13.876	119	100332	19.702	ug/l	97
83) 1,3-Dichlorobenzene	13.876	146	50750	18.874	ug/l	98
84) 1,4-Dichlorobenzene	13.970	146	50841	18.780	ug/l	96
85) n-Butylbenzene	14.246	91	93394	20.038	ug/l	98
86) Hexachloroethane	14.557	117	14320	20.982	ug/l #	1
87) 1,2-Dichlorobenzene	14.299	146	49956	18.597	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	15.004	75	9133	18.171	ug/l	98
89) 1,2,4-Trichlorobenzene	15.791	180	31453	19.234	ug/l	95
90) Hexachlorobutadiene	15.920	225	12363	22.802	ug/l	81
91) Naphthalene	16.085	128	117162	18.537	ug/l	98
92) 1,2,3-Trichlorobenzene	16.314	180	30833	18.680	ug/l	98

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



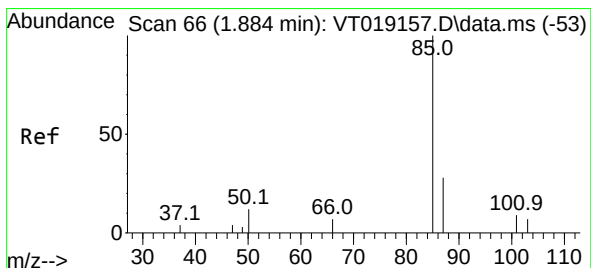
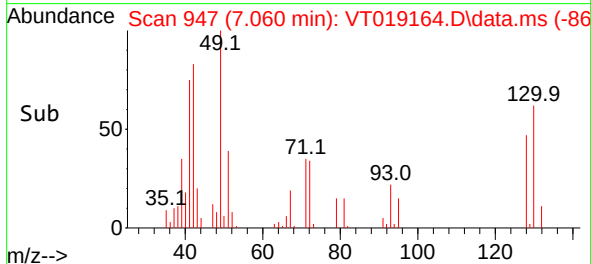
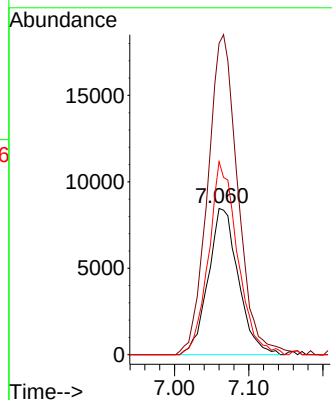
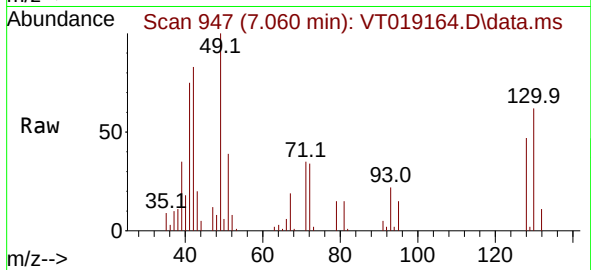
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.060 min Scan# 94
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
49 220.0 0.0 0.0
130 126.5 0.0 0.0

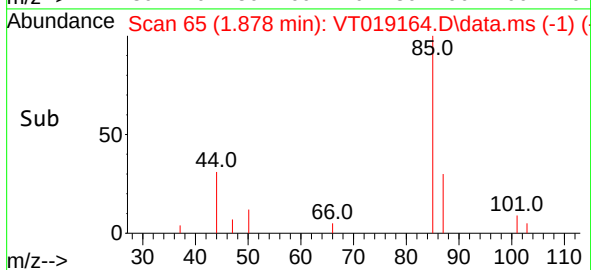
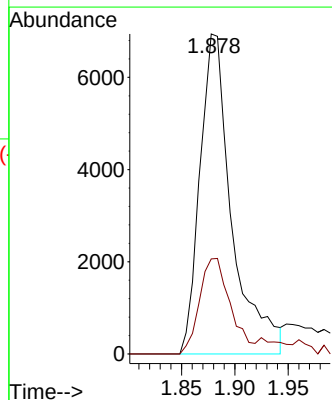
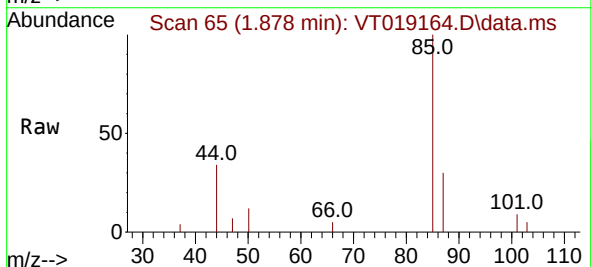
Manual Integrations
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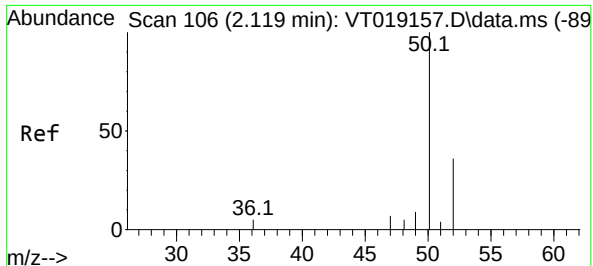
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 22.158 ug/l
RT: 1.878 min Scan# 65
Delta R.T. -0.000 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 85 Resp: 14498
Ion Ratio Lower Upper
85 100
87 29.7 16.4 49.1





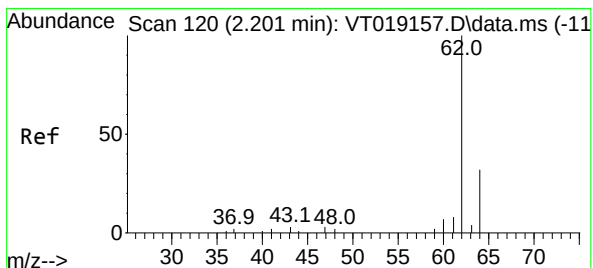
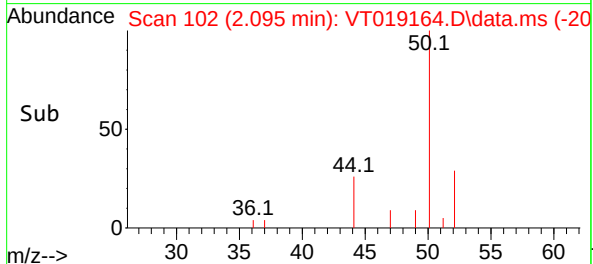
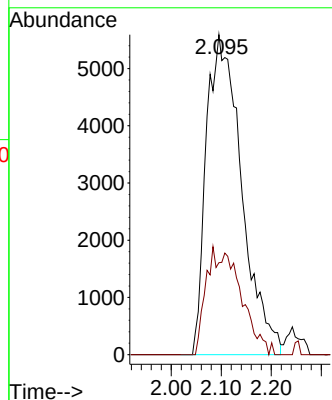
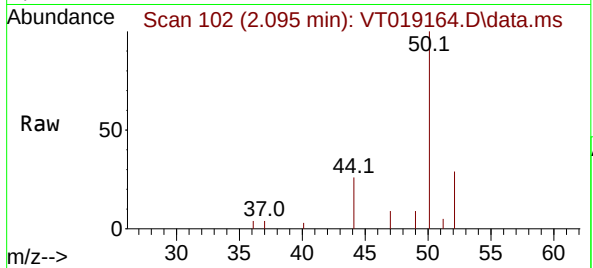
#3
Chloromethane
Concen: 18.214 ug/l m
RT: 2.095 min Scan# 110
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 50 Resp: 2735
Ion Ratio Lower Upper
50 100
52 28.7 24.4 36.6

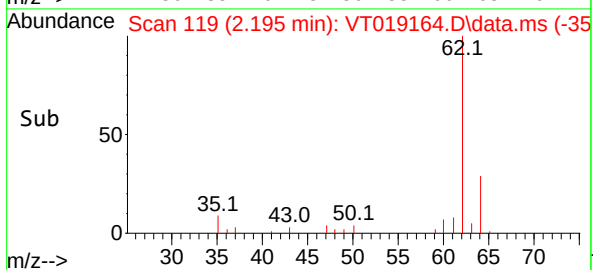
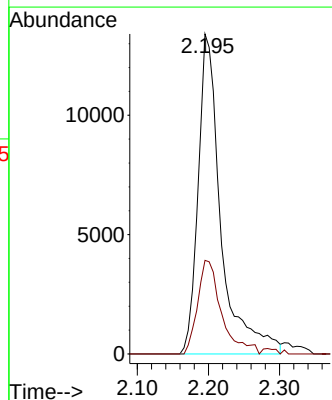
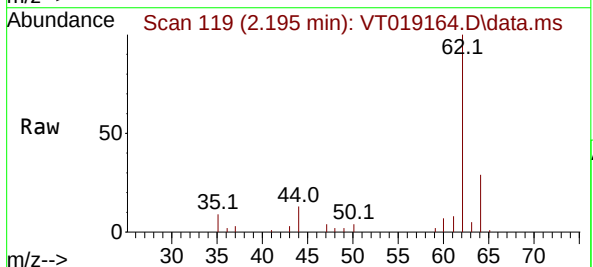
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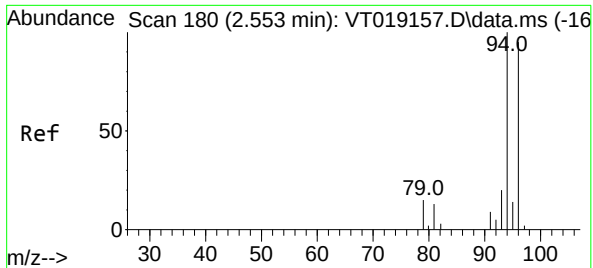
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 17.843 ug/l
RT: 2.195 min Scan# 119
Delta R.T. -0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 62 Resp: 29950
Ion Ratio Lower Upper
62 100
64 29.2 25.7 38.5





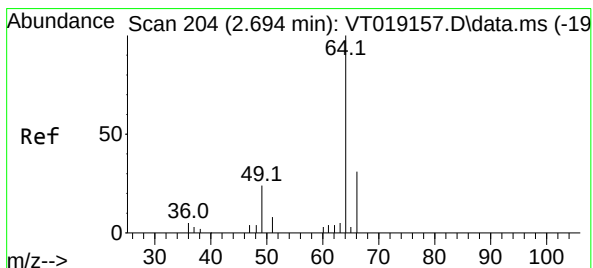
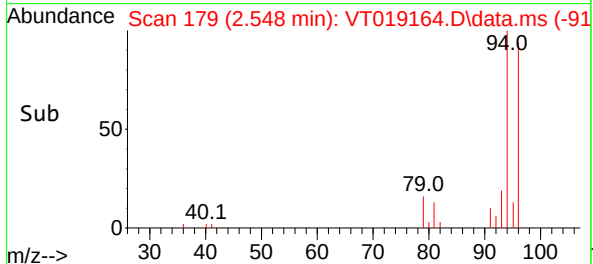
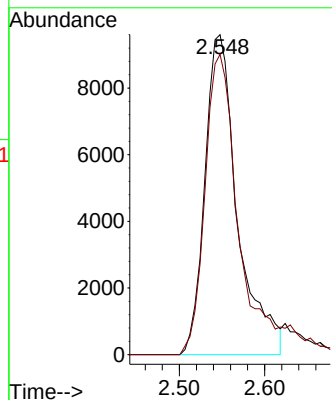
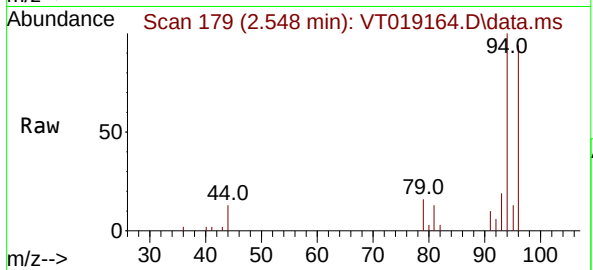
#5
Bromomethane
Concen: 18.316 ug/l
RT: 2.548 min Scan# 11
Delta R.T. 0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 94 Resp: 2553
Ion Ratio Lower Upper
94 100
96 93.9 66.0 99.0

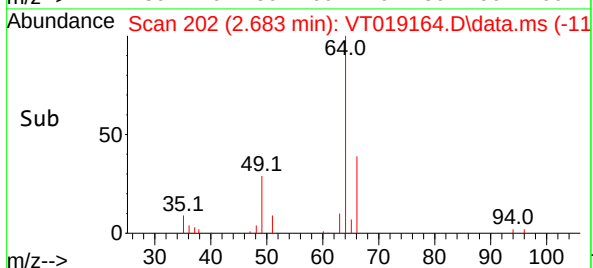
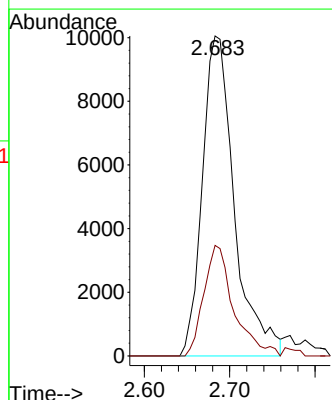
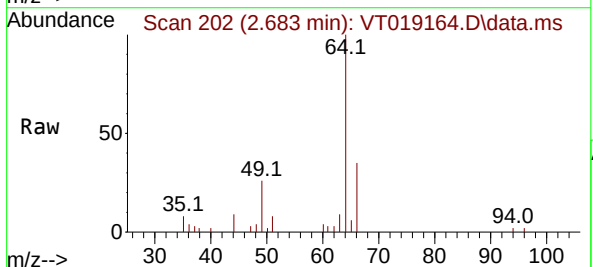
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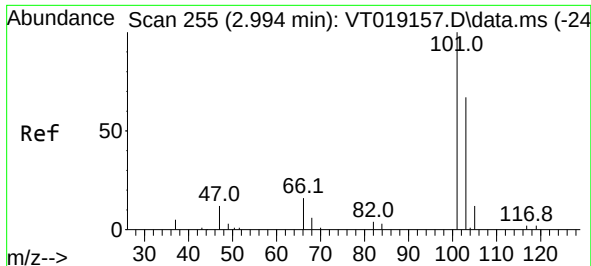
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 17.684 ug/l
RT: 2.683 min Scan# 202
Delta R.T. 0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

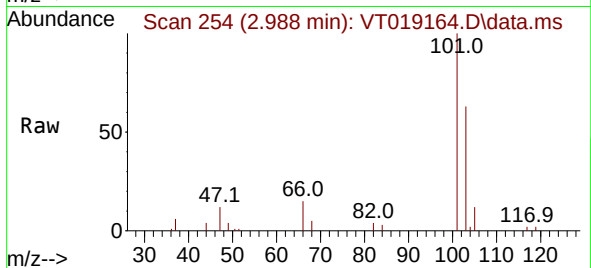
Tgt Ion: 64 Resp: 26178
Ion Ratio Lower Upper
64 100
66 34.6 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 17.747 ug/l
 RT: 2.988 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

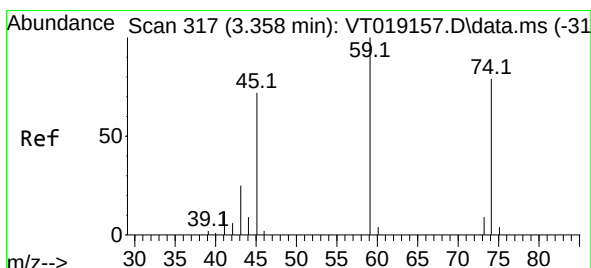
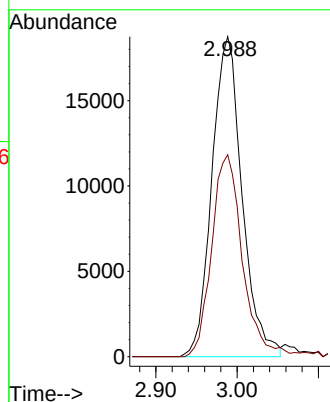
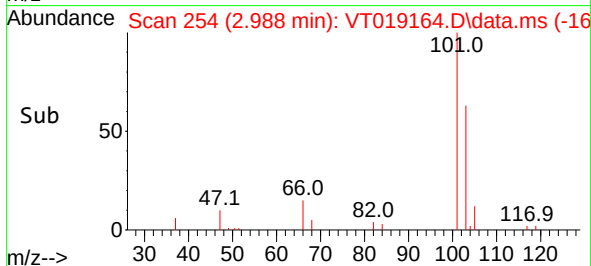
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBS01



Tgt Ion:101 Resp: 48309
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.4 78.6

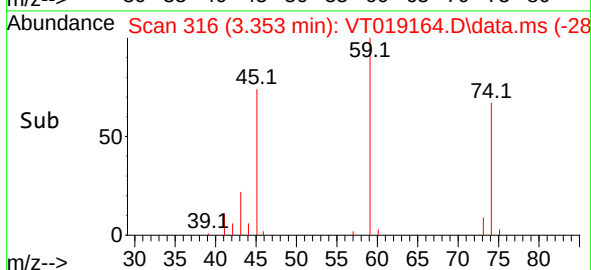
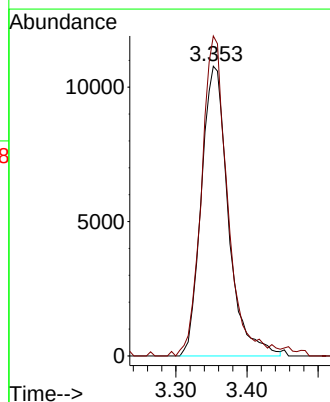
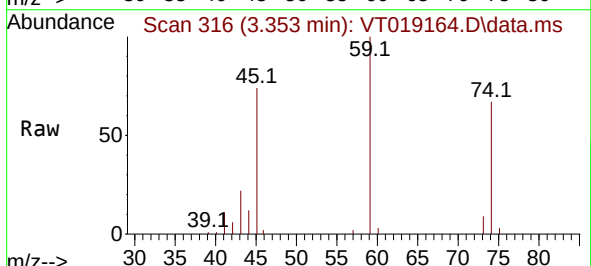
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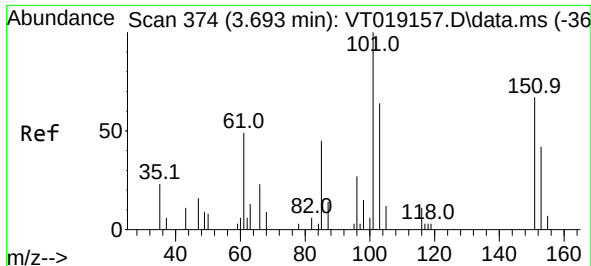
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#8
 Diethyl Ether
 Concen: 16.985 ug/l
 RT: 3.353 min Scan# 316
 Delta R.T. -0.005 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

Tgt Ion: 74 Resp: 28466
 Ion Ratio Lower Upper
 74 100
 45 104.0 22.0 197.6





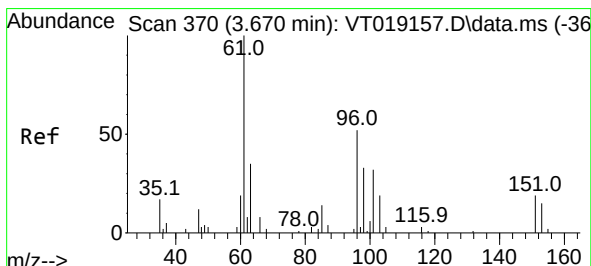
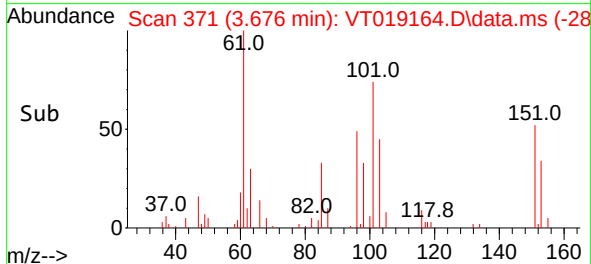
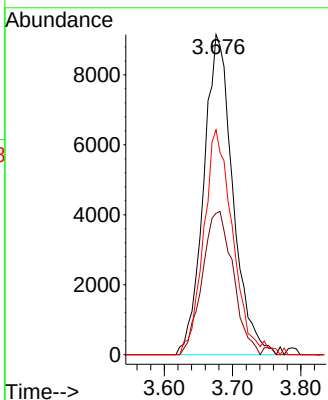
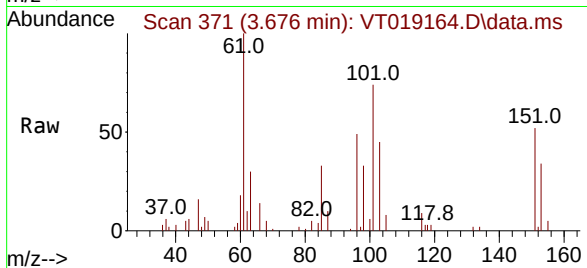
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.478 ug/l
RT: 3.676 min Scan# 31
Delta R.T. -0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:101 Resp: 27229
Ion Ratio Lower Upper
101 100
85 47.2 0.0 91.8
151 68.8 0.0 137.2

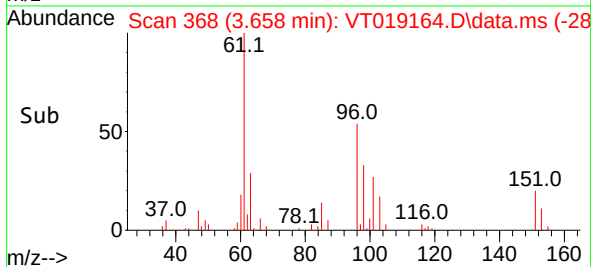
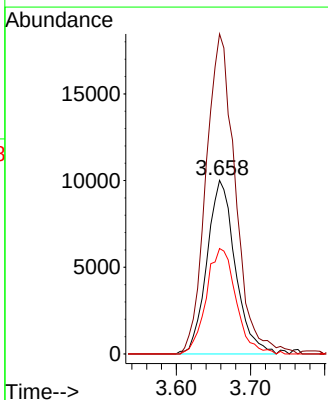
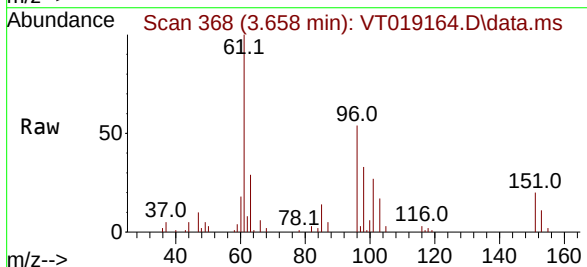
Manual Integrations
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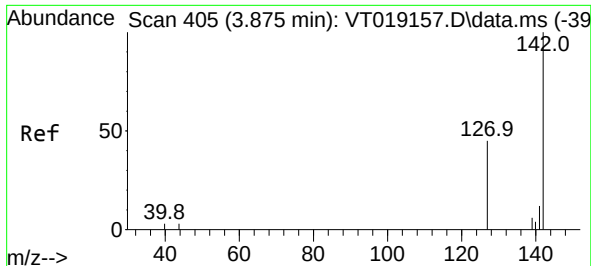
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
1,1-Dichloroethene
Concen: 24.789 ug/l
RT: 3.658 min Scan# 368
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

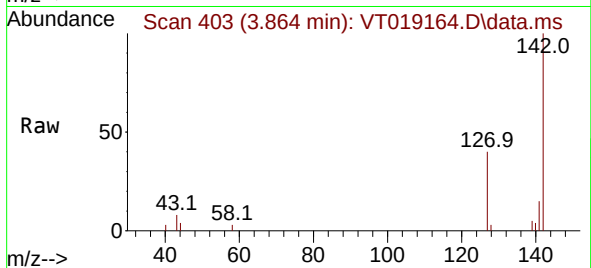
Tgt Ion: 96 Resp: 26539
Ion Ratio Lower Upper
96 100
61 184.3 145.5 218.3
98 60.7 49.5 74.3





#11
Methyl Iodide
Concen: 19.221 ug/l
RT: 3.864 min Scan# 405
Delta R.T. -0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

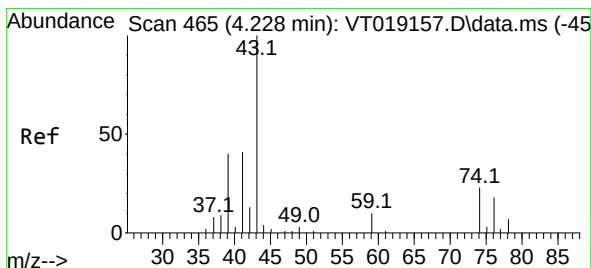
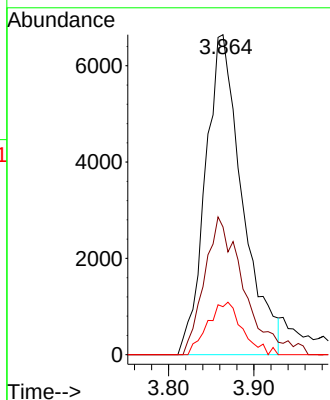
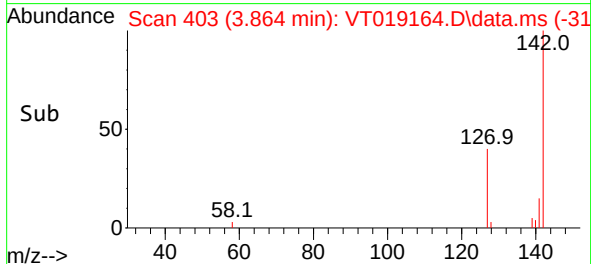
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion:142 Resp: 2005
Ion Ratio Lower Upper
142 100
127 40.3 0.9 2.8
141 15.9 55.5 166.5

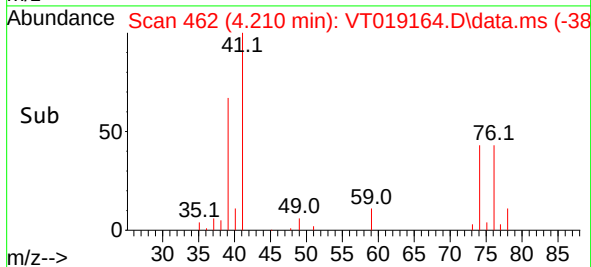
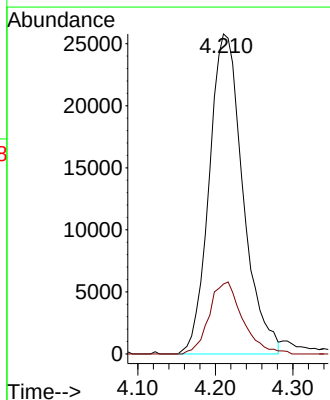
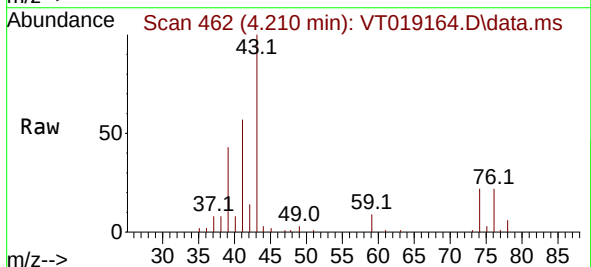
Manual Integrations
APPROVED

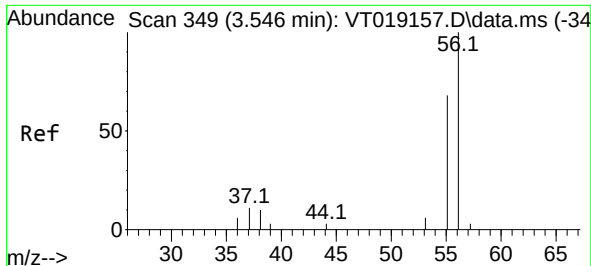
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 18.425 ug/l
RT: 4.210 min Scan# 462
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

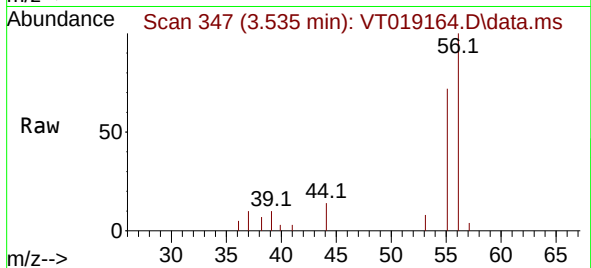
Tgt Ion: 43 Resp: 78006
Ion Ratio Lower Upper
43 100
74 21.8 18.4 27.6





#13
Acrolein
Concen: 119.691 ug/l
RT: 3.535 min Scan# 349
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

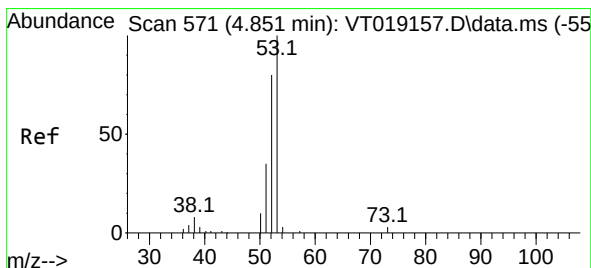
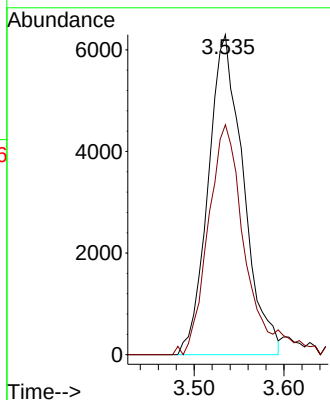
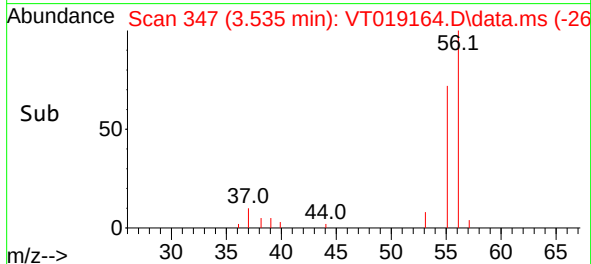
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 56 Resp: 17090
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2

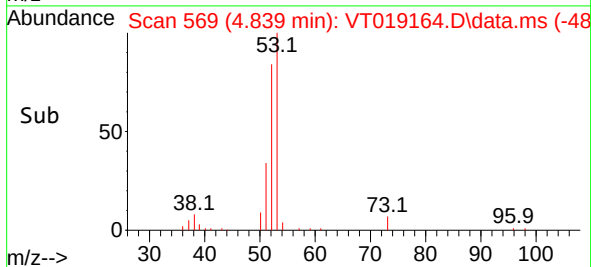
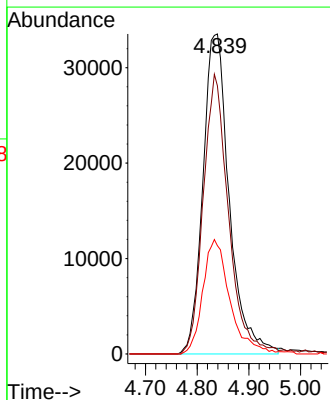
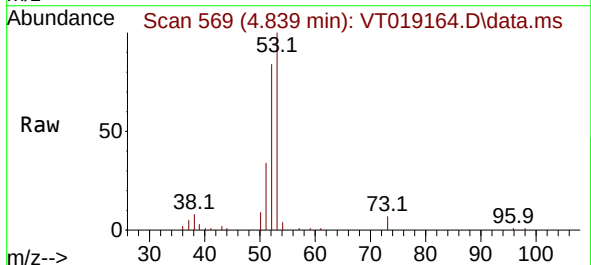
Manual Integrations
APPROVED

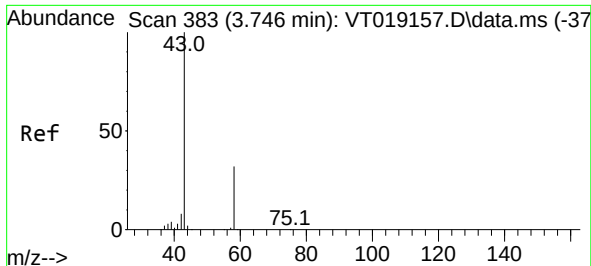
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Acrylonitrile
Concen: 91.044 ug/l
RT: 4.839 min Scan# 569
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 53 Resp: 118805
Ion Ratio Lower Upper
53 100
52 83.0 41.3 123.7
51 34.3 17.2 51.5





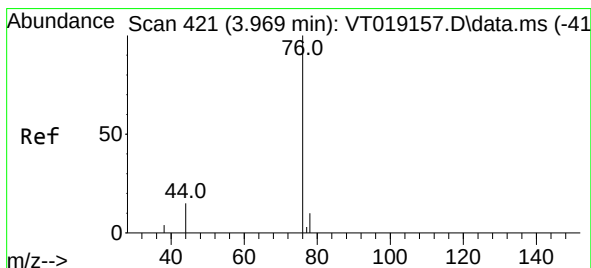
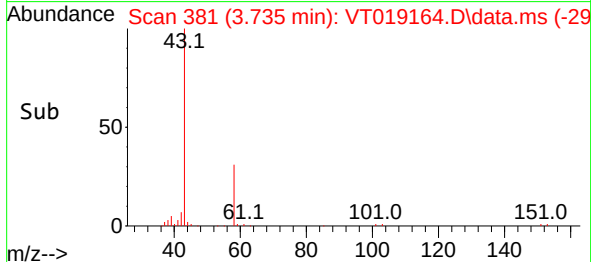
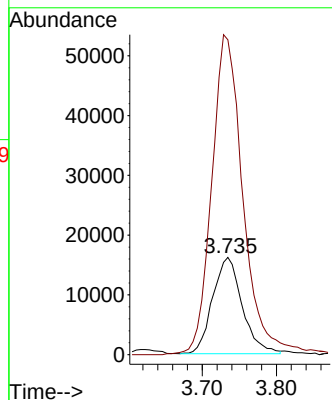
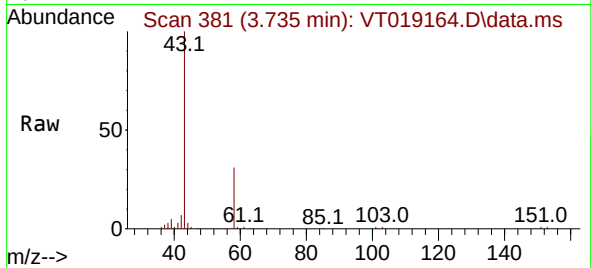
#15
Acetone
Concen: 95.969 ug/l
RT: 3.735 min Scan# 381
Delta R.T. -0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 58 Resp: 44618
Ion Ratio Lower Upper
58 100
43 324.7 266.9 400.3

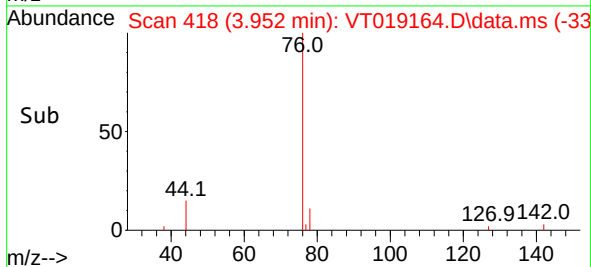
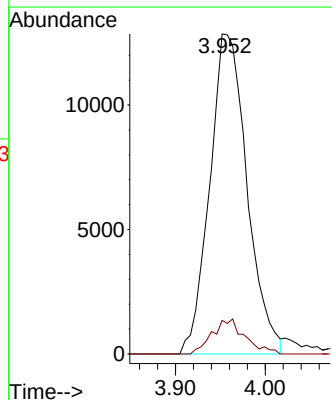
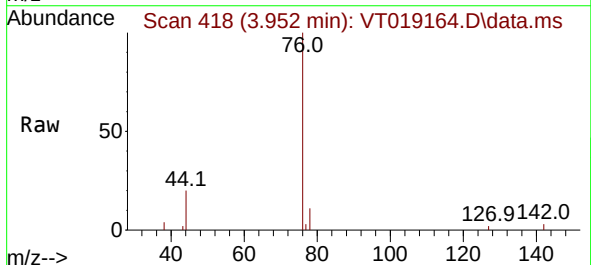
Manual Integrations
APPROVED

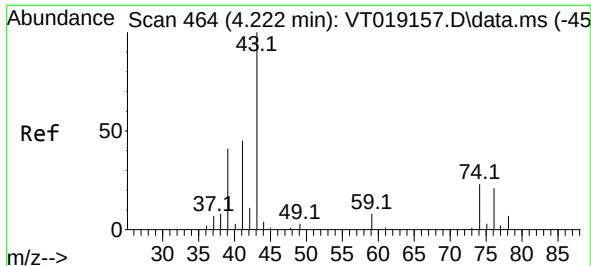
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 18.549 ug/l
RT: 3.952 min Scan# 418
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

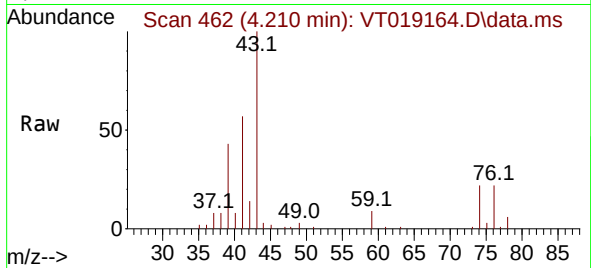
Tgt Ion: 76 Resp: 37090
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7





#17
 Allyl chloride
 Concen: 16.702 ug/l
 RT: 4.210 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

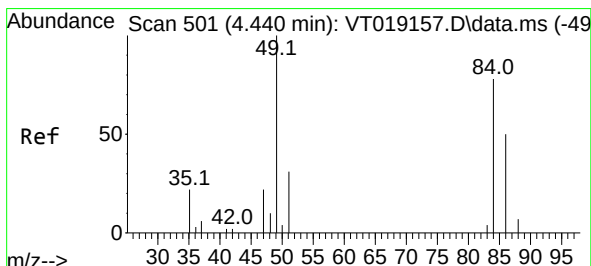
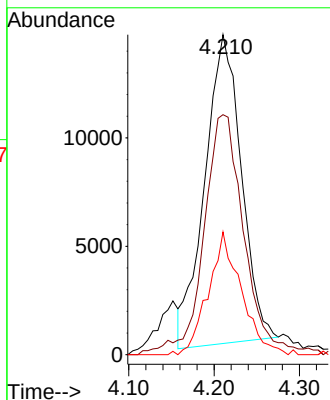
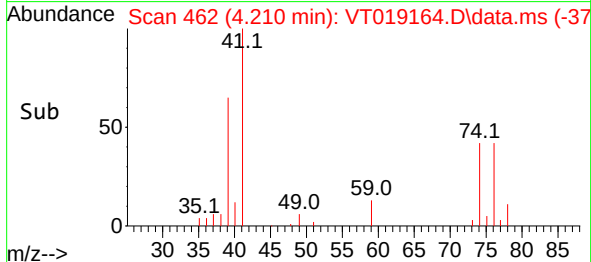
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBS01



Tgt Ion: 41 Resp: 4250
 Ion Ratio Lower Upper
 41 100
 39 75.4 34.3 102.8
 76 40.6 16.7 50.0

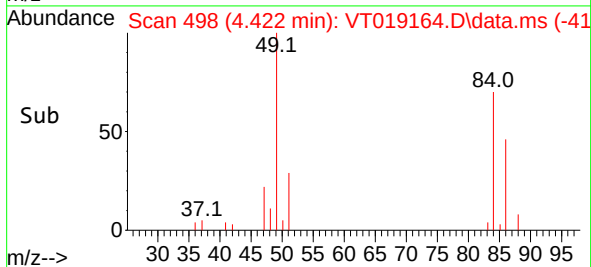
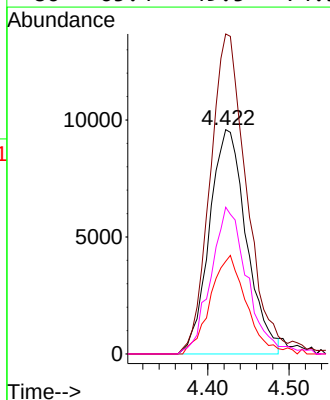
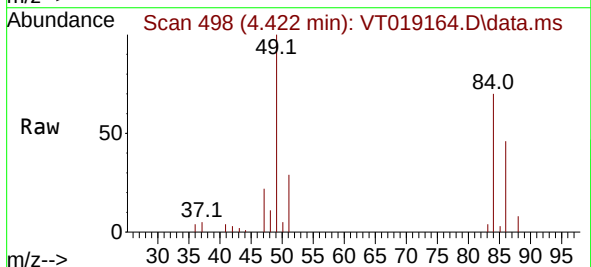
Manual Integrations
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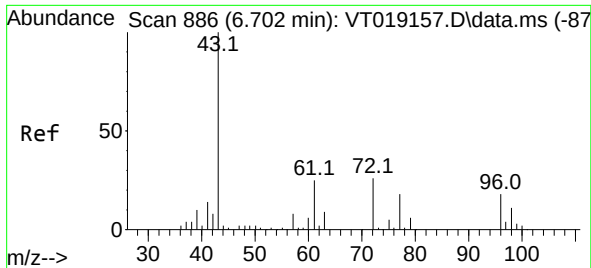
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#18
 Methylene Chloride
 Concen: 18.982 ug/l
 RT: 4.422 min Scan# 498
 Delta R.T. -0.006 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

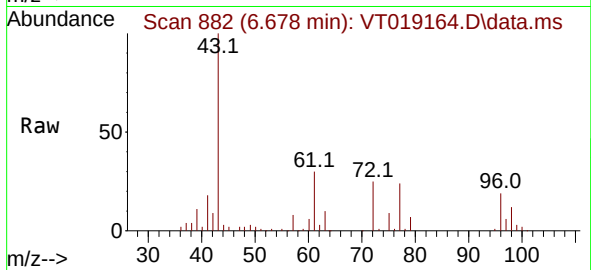
Tgt Ion: 84 Resp: 30309
 Ion Ratio Lower Upper
 84 100
 49 142.6 107.9 161.9
 51 41.3 33.4 50.2
 86 65.4 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 19.198 ug/l
RT: 6.678 min Scan# 886
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

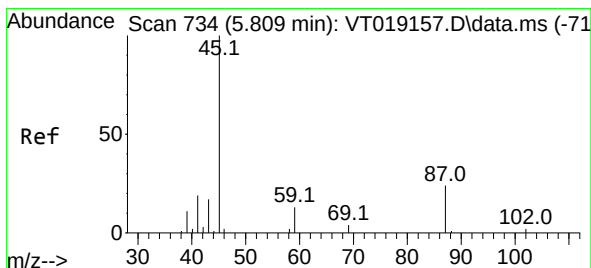
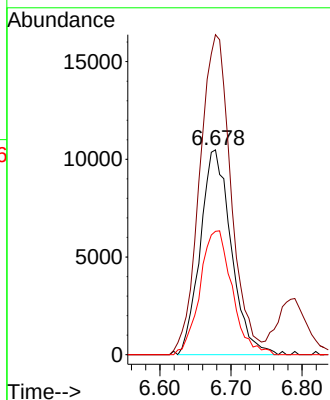
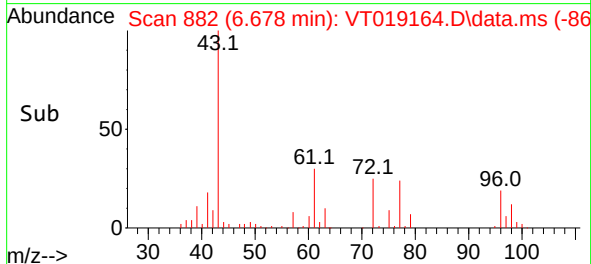
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 96 Resp: 3162
Ion Ratio Lower Upper
96 100
61 150.4 122.3 183.5
98 60.2 50.2 75.2

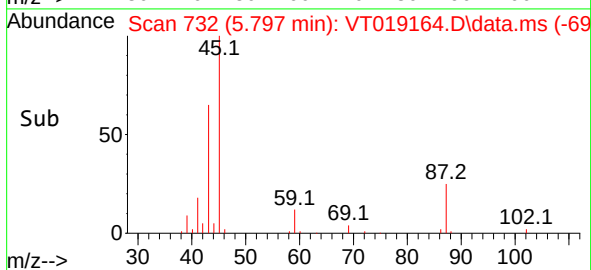
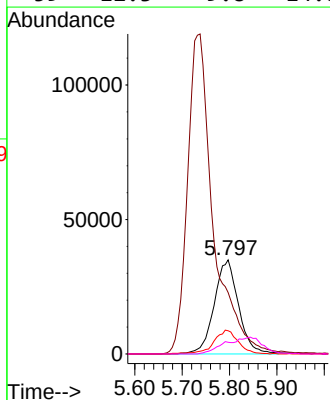
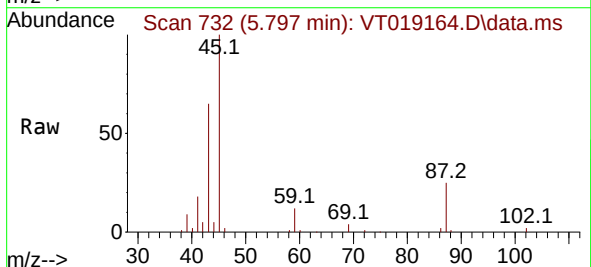
Manual Integrations
APPROVED

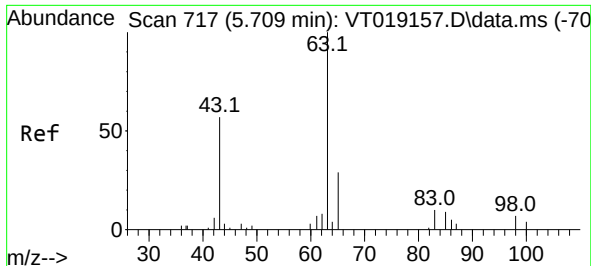
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Diisopropyl ether
Concen: 19.189 ug/l
RT: 5.797 min Scan# 732
Delta R.T. -0.006 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 45 Resp: 124317
Ion Ratio Lower Upper
45 100
43 62.9 89.1 133.7#
87 24.7 21.3 31.9
59 12.3 9.8 14.8





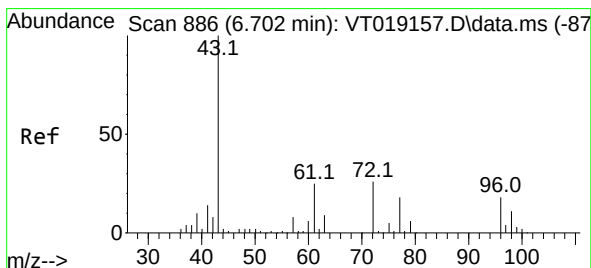
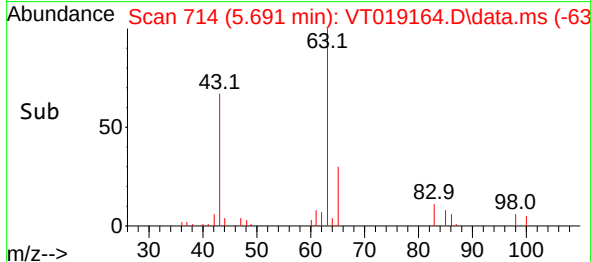
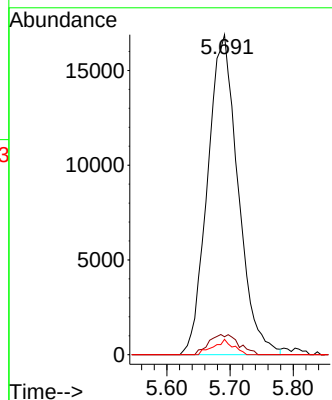
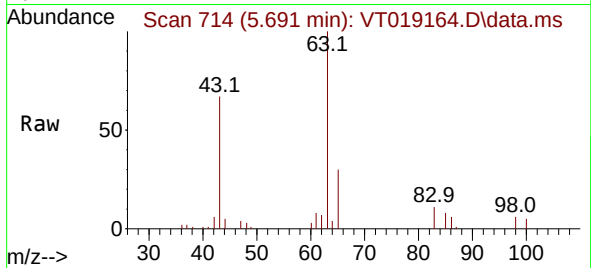
#21
1,1-Dichloroethane
Concen: 18.705 ug/l
RT: 5.691 min Scan# 714
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 63 Resp: 5662
Ion Ratio Lower Upper
63 100
98 5.6 3.5 10.5
100 4.8 2.2 6.6

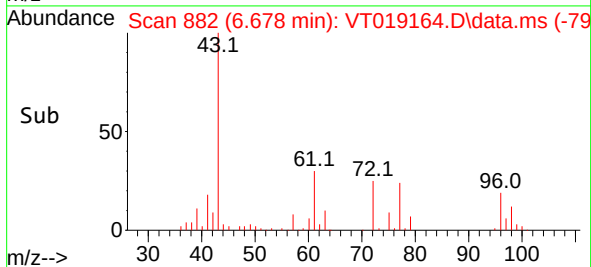
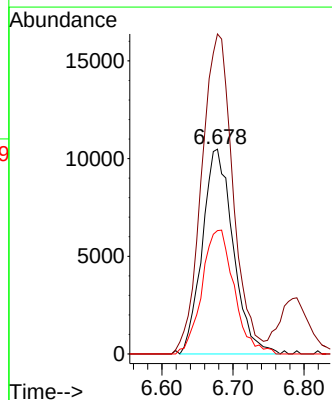
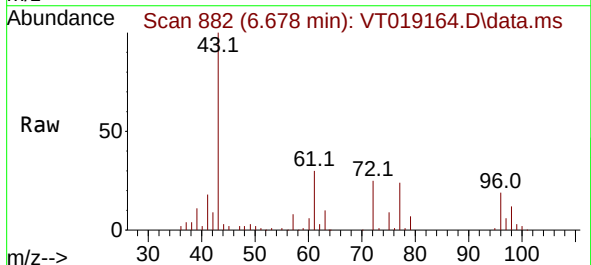
Manual Integrations
APPROVED

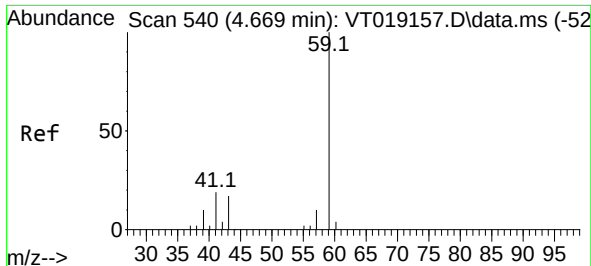
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 19.198 ug/l
RT: 6.678 min Scan# 882
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 96 Resp: 31623
Ion Ratio Lower Upper
96 100
61 158.7 120.0 180.0
98 62.4 52.8 79.2





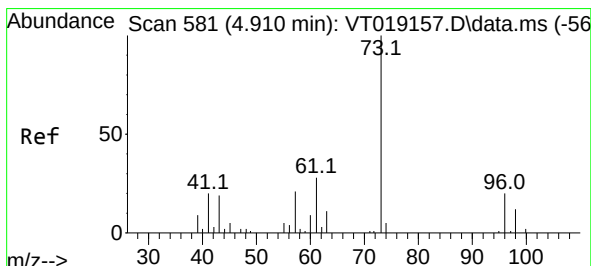
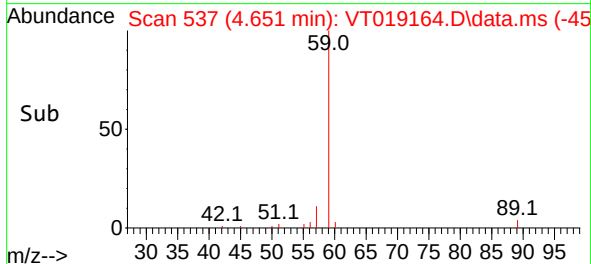
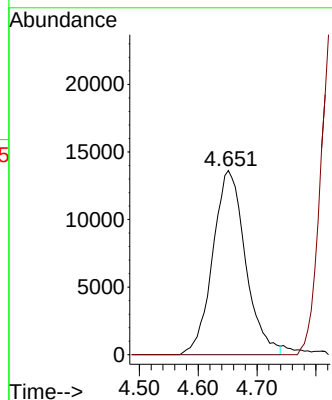
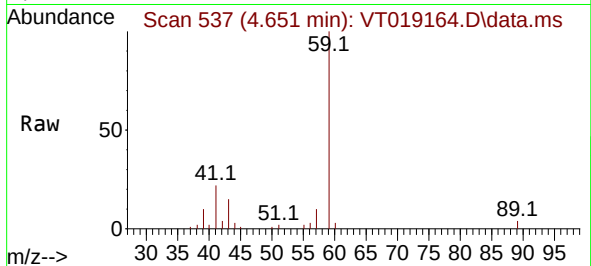
#23
tert-Butyl Alcohol
Concen: 92.209 ug/l
RT: 4.651 min Scan# 51
Delta R.T. -0.024 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 59 Resp: 52710
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

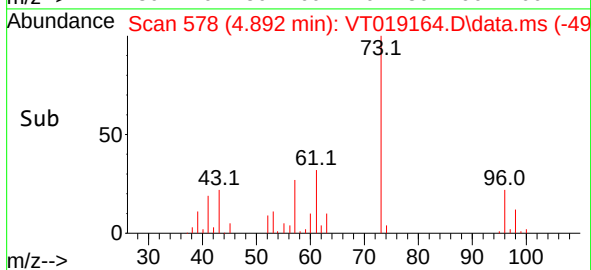
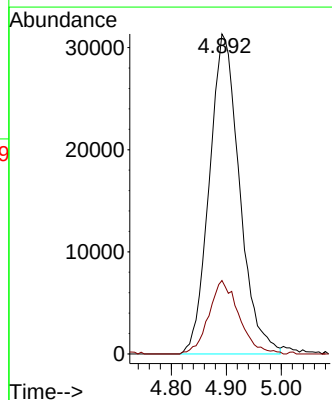
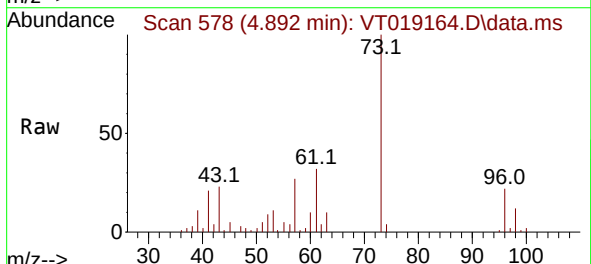
Manual Integrations
APPROVED

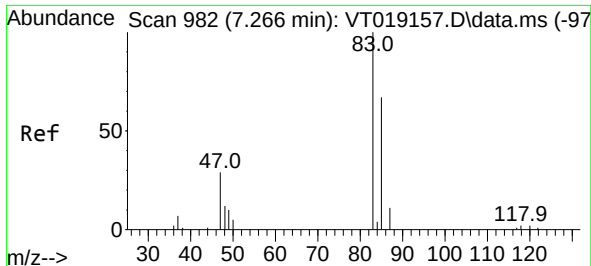
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
Methyl tert-Butyl Ether
Concen: 18.572 ug/l
RT: 4.892 min Scan# 578
Delta R.T. -0.029 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 73 Resp: 119479
Ion Ratio Lower Upper
73 100
43 22.7 16.9 25.3





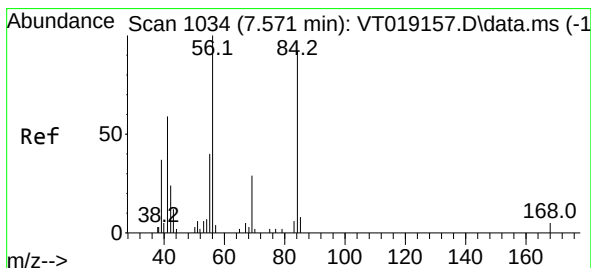
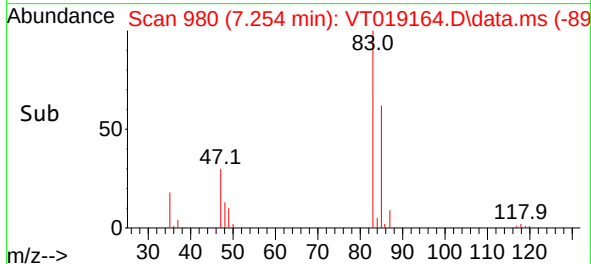
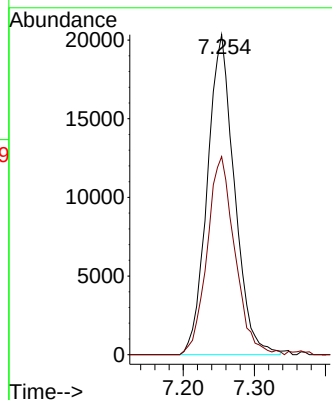
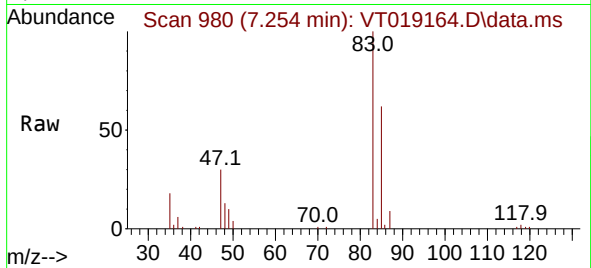
#25
Chloroform
Concen: 19.504 ug/l
RT: 7.254 min Scan# 91
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 83 Resp: 5400
Ion Ratio Lower Upper
83 100
85 61.9 48.0 72.0

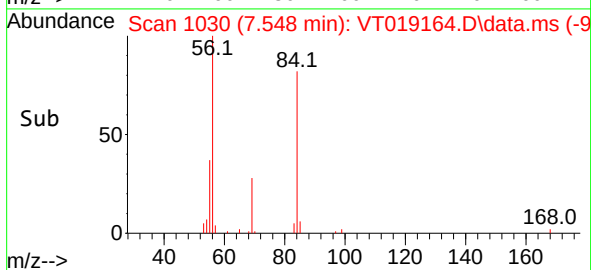
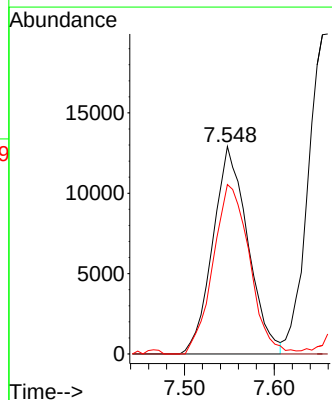
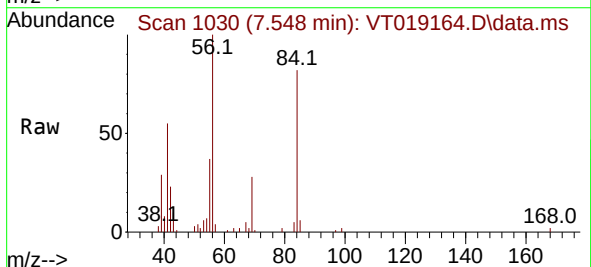
Manual Integrations
APPROVED

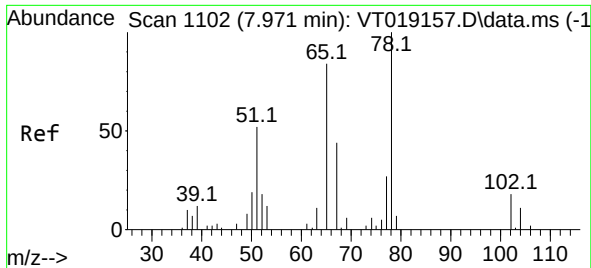
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 19.695 ug/l
RT: 7.548 min Scan# 1030
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 56 Resp: 34986
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.700 ug/l

RT: 7.953 min Scan# 1099

Delta R.T. -0.018 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 65 Resp: 64124

Ion Ratio Lower Upper

65 100

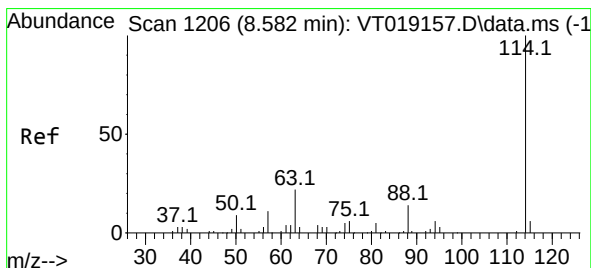
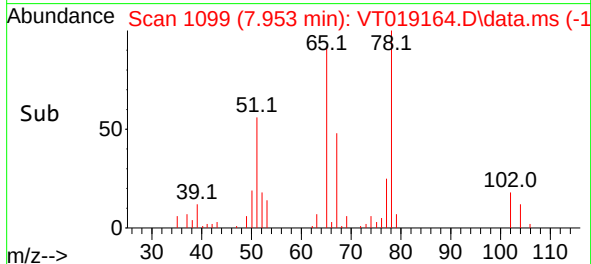
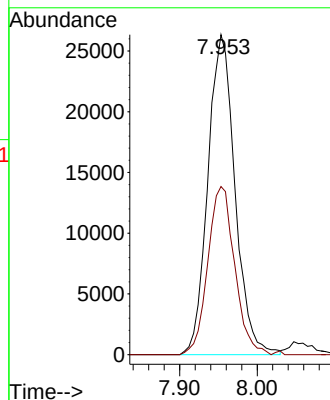
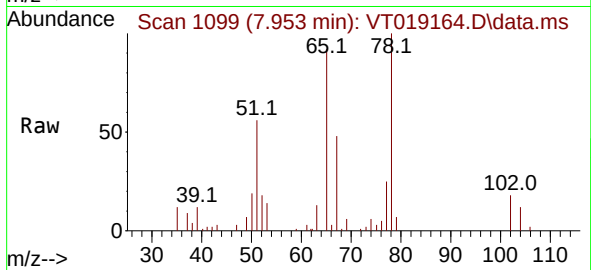
67 52.0 40.7 61.1

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: 8.564 min Scan# 1203

Delta R.T. -0.012 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

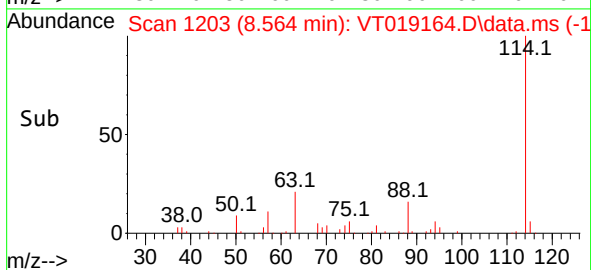
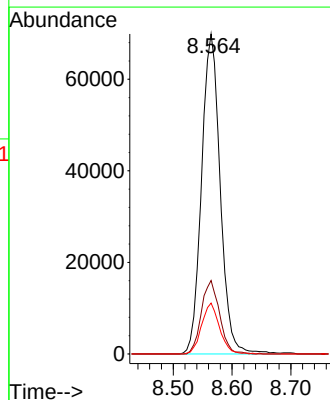
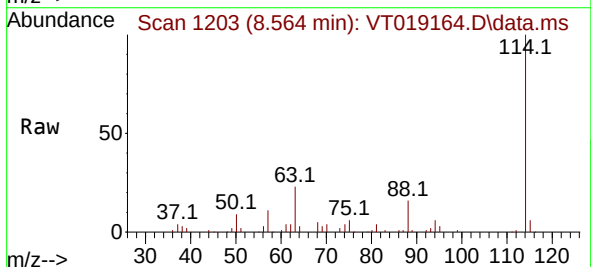
Tgt Ion:114 Resp: 154054

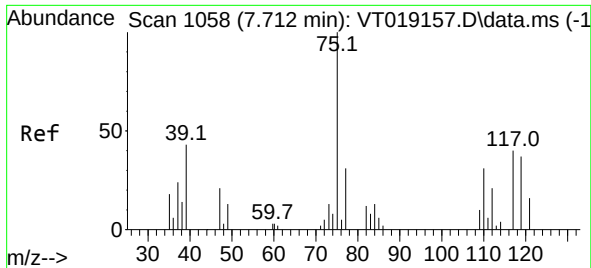
Ion Ratio Lower Upper

114 100

63 22.1 17.4 26.0

88 15.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 18.794 ug/l

RT: 7.695 min Scan# 1055

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

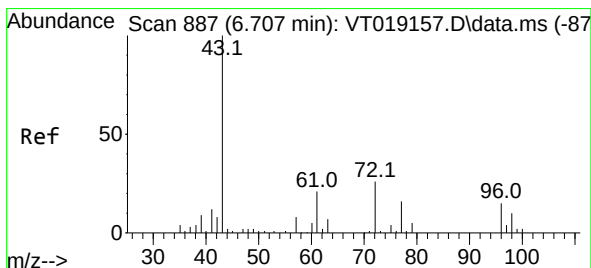
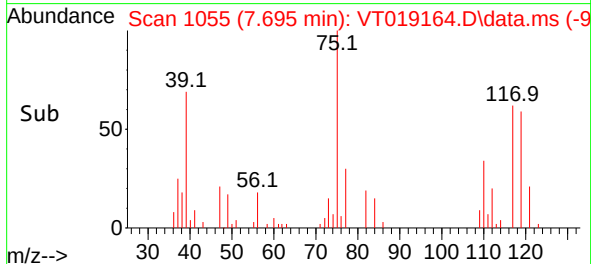
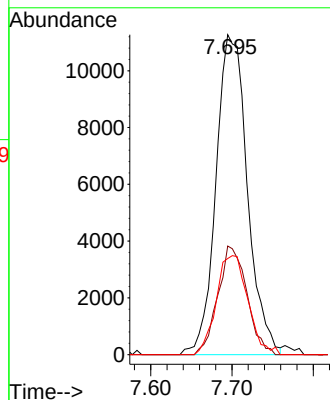
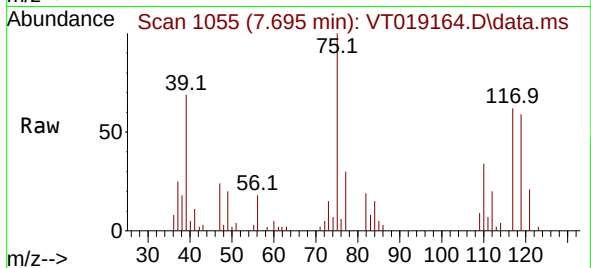
Tgt Ion:	75	Resp:	3029
Ion Ratio	Lower	Upper	
75	100		
110	31.3	0.0	70.8
77	31.1	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

2-Butanone

Concen: 87.677 ug/l

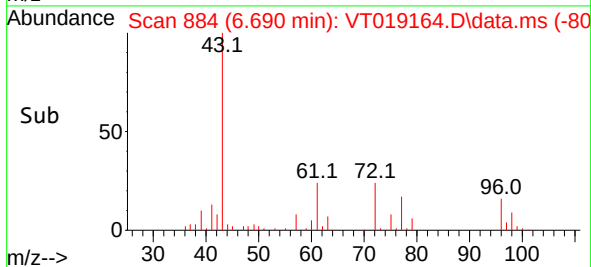
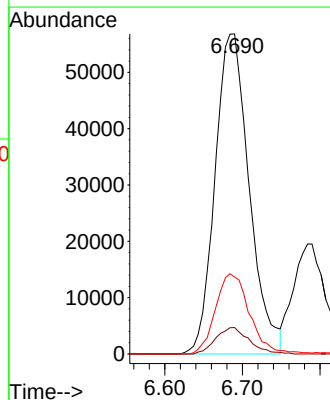
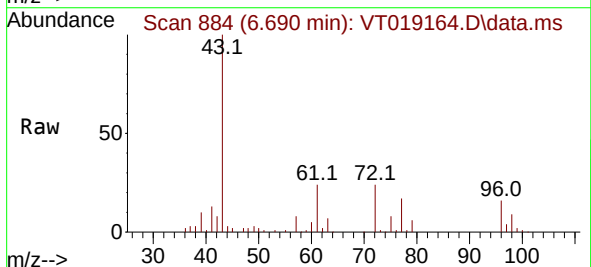
RT: 6.690 min Scan# 884

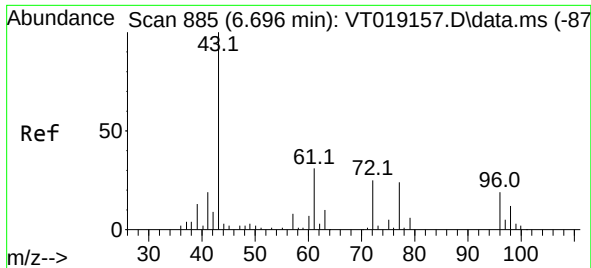
Delta R.T. -0.012 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

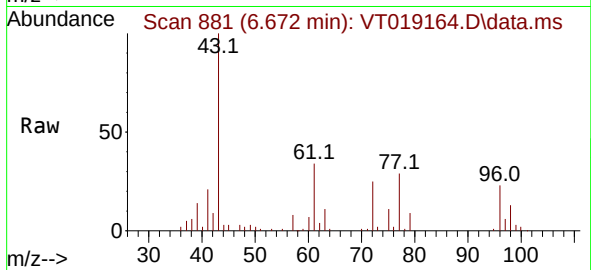
Tgt Ion:	43	Resp:	174210
Ion Ratio	Lower	Upper	
43	100		
57	8.1	5.9	8.9
72	24.7	20.2	30.2





#31
2,2-Dichloropropane
Concen: 18.860 ug/l m
RT: 6.672 min Scan# 881
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

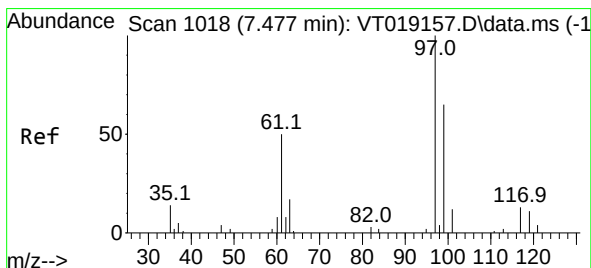
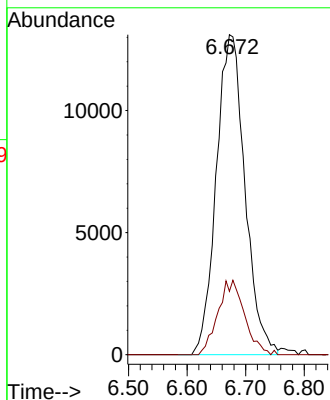
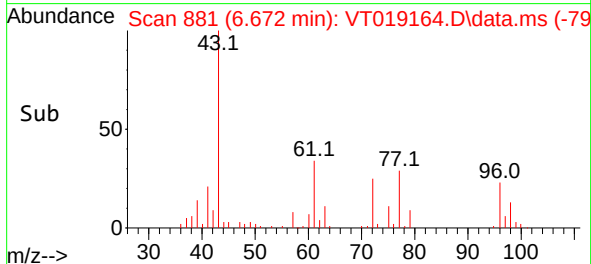
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 77 Resp: 44512
Ion Ratio Lower Upper
77 100
97 0.1 14.5 21.7

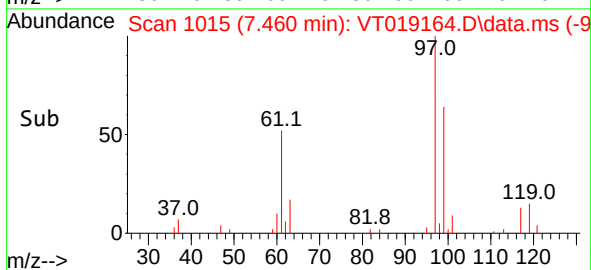
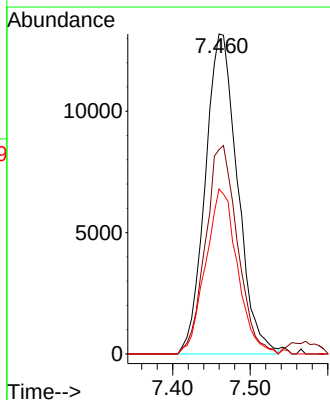
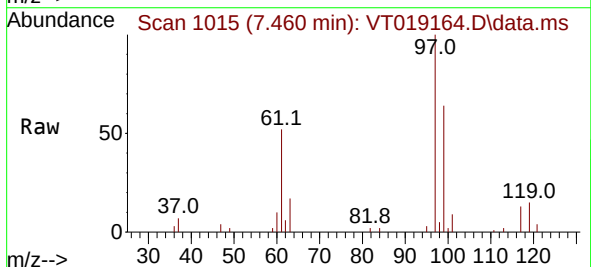
Manual Integrations
APPROVED

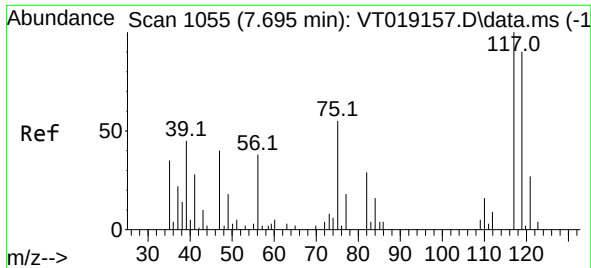
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 18.755 ug/l
RT: 7.460 min Scan# 1015
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

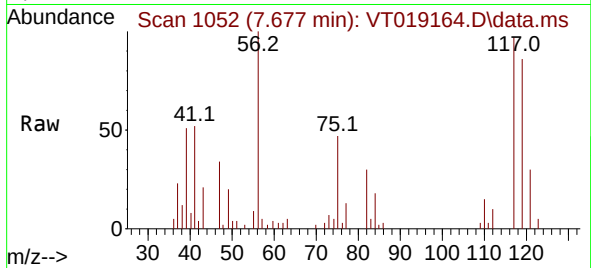
Tgt Ion: 97 Resp: 38090
Ion Ratio Lower Upper
97 100
99 64.4 30.0 45.0#
61 50.8 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.073 ug/l
RT: 7.677 min Scan# 1102
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

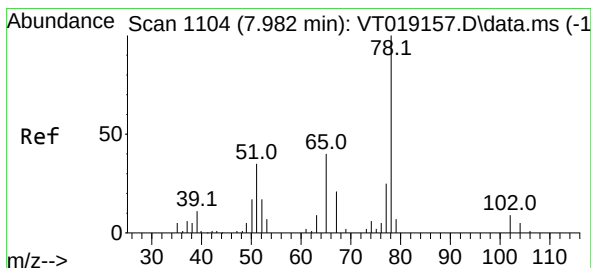
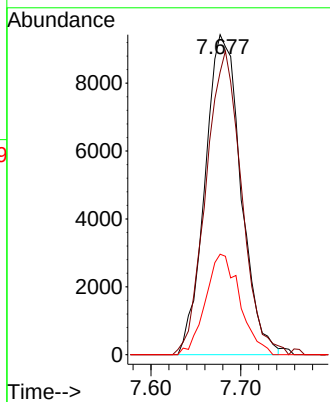
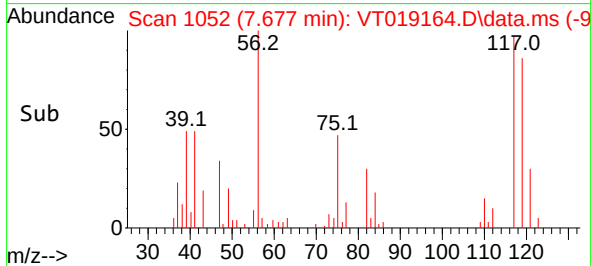
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



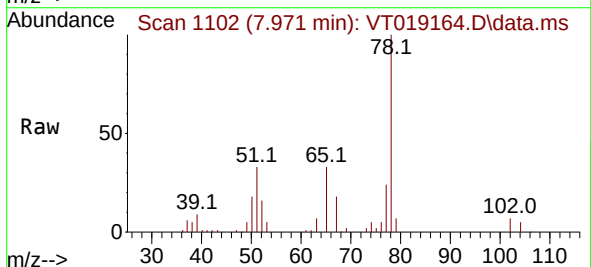
Tgt Ion:117 Resp: 26120
Ion Ratio Lower Upper
117 100
119 86.7 76.5 114.7
121 31.4 0.5 0.7

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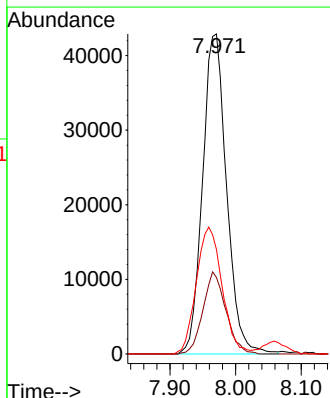
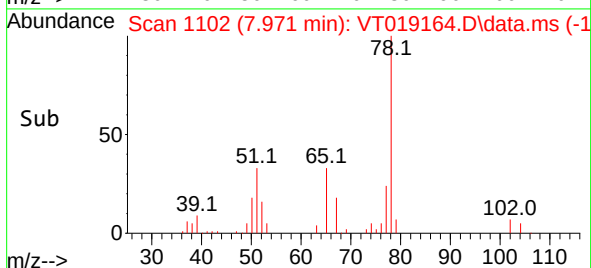
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

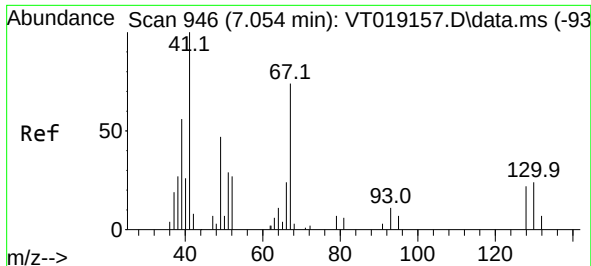


#34
Benzene
Concen: 18.267 ug/l
RT: 7.971 min Scan# 1102
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34



Tgt Ion: 78 Resp: 109094
Ion Ratio Lower Upper
78 100
77 23.9 17.6 26.4
51 32.0 13.8 20.6





#35

Methacrylonitrile

Concen: 16.714 ug/l

RT: 7.031 min Scan# 946

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 41 Resp: 2826

Ion Ratio Lower Upper

41 100

39 57.2 26.2 78.5

67 69.3 31.4 94.3

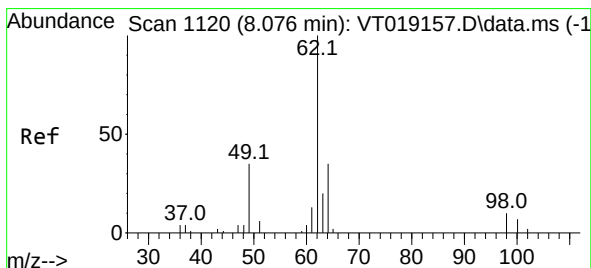
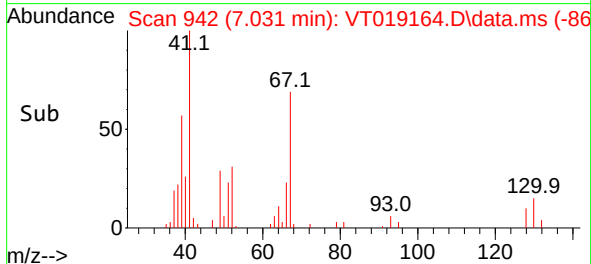
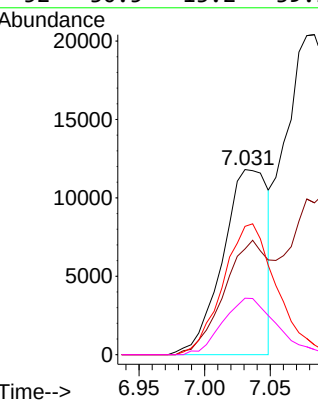
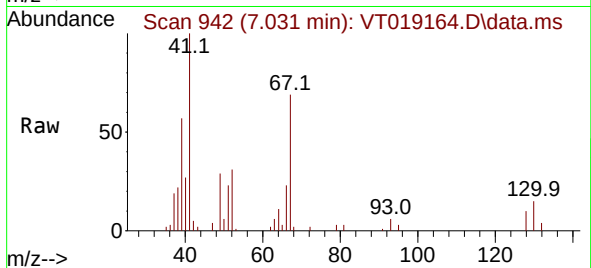
52 30.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#36

1,2-Dichloroethane

Concen: 18.522 ug/l

RT: 8.059 min Scan# 1117

Delta R.T. -0.012 min

Lab File: VT019164.D

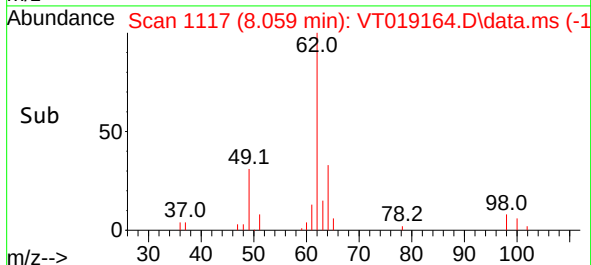
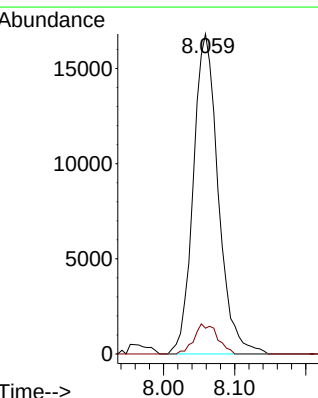
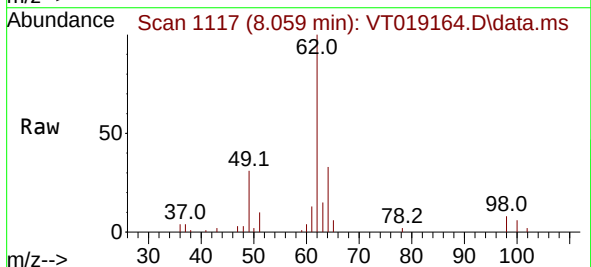
Acq: 23 Oct 2025 10:34

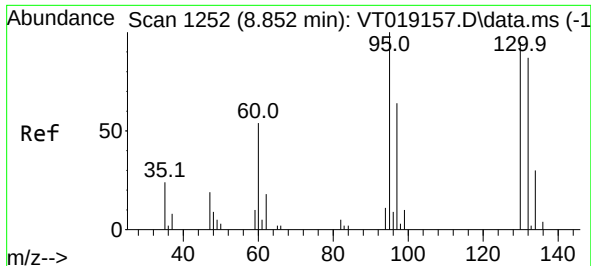
Tgt Ion: 62 Resp: 41007

Ion Ratio Lower Upper

62 100

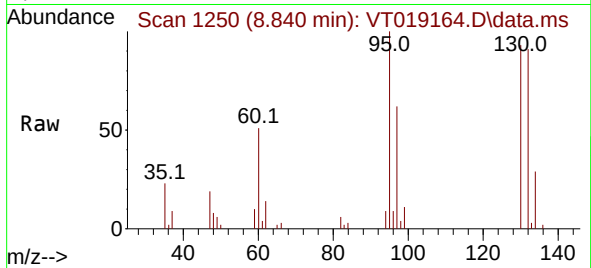
98 4.7 6.7 10.1#





#37
Trichloroethene
Concen: 18.436 ug/l
RT: 8.840 min Scan# 1250
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

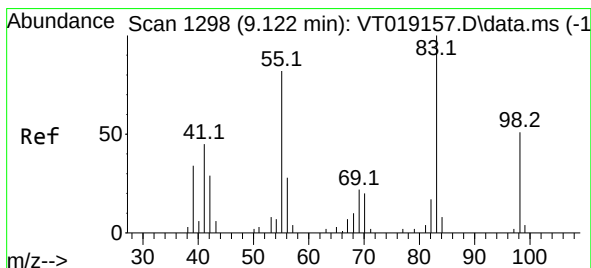
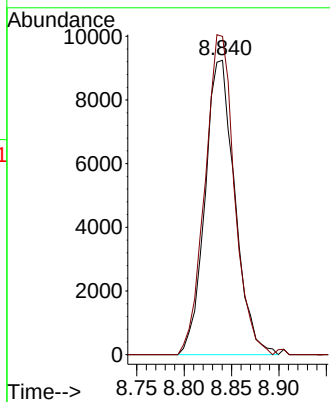
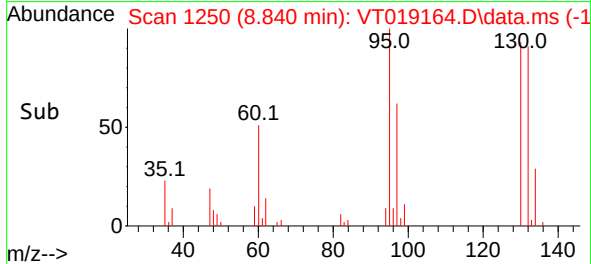
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion:130 Resp: 20250
Ion Ratio Lower Upper
130 100
95 108.1 79.4 119.2

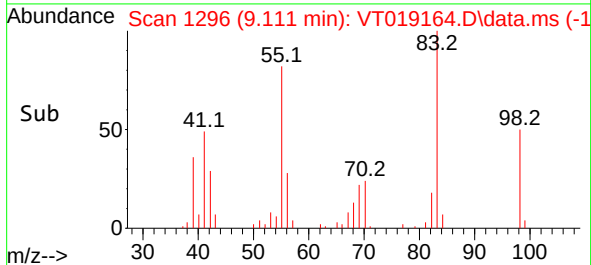
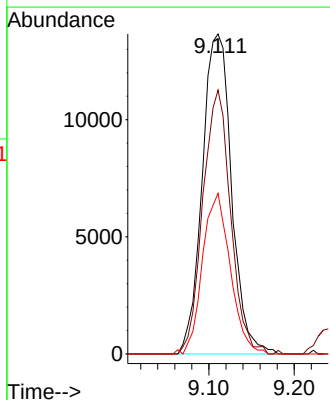
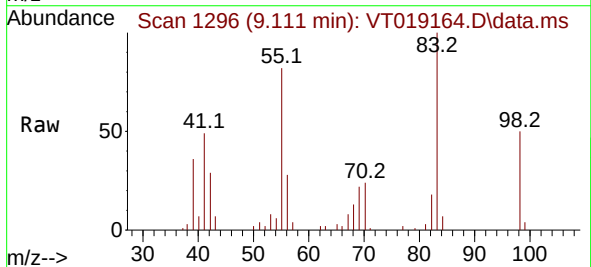
Manual Integrations
APPROVED

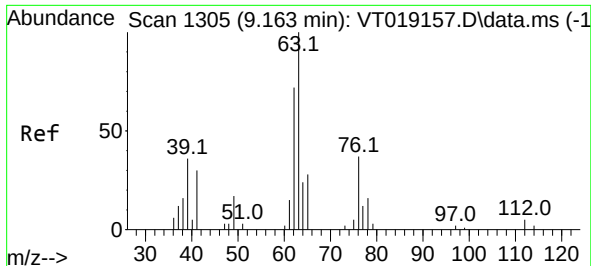
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 20.139 ug/l
RT: 9.111 min Scan# 1296
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 83 Resp: 32692
Ion Ratio Lower Upper
83 100
55 77.6 40.3 120.8
98 47.3 24.3 72.9





#39

1,2-Dichloropropane

Concen: 17.643 ug/l m

RT: 9.152 min Scan# 1303

Delta R.T. -0.011 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 63 Resp: 27590

Ion Ratio Lower Upper

63 100

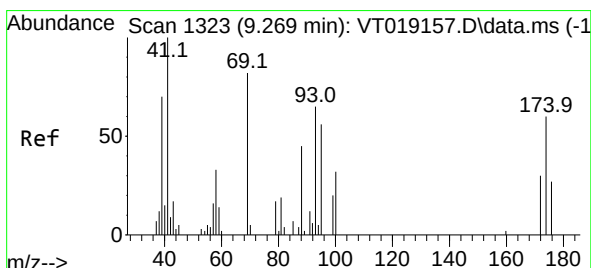
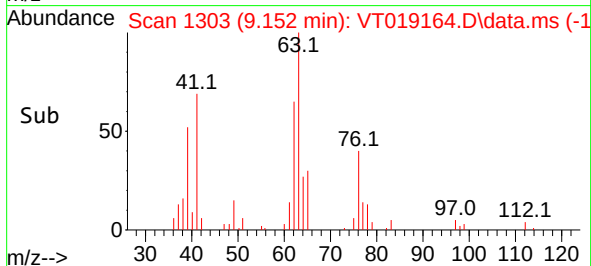
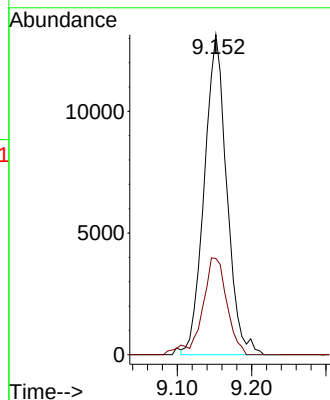
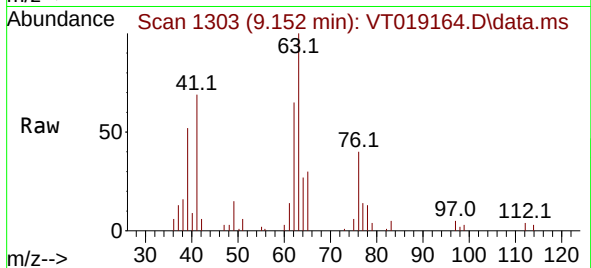
65 30.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 17.372 ug/l

RT: 9.246 min Scan# 1319

Delta R.T. -0.023 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

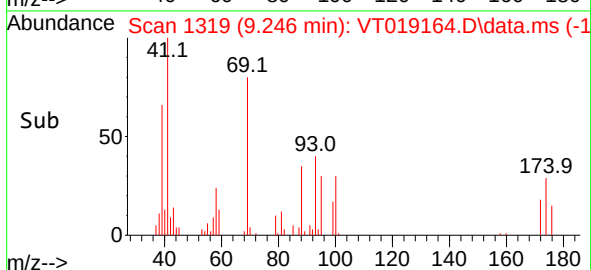
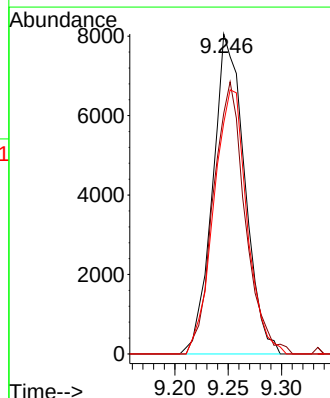
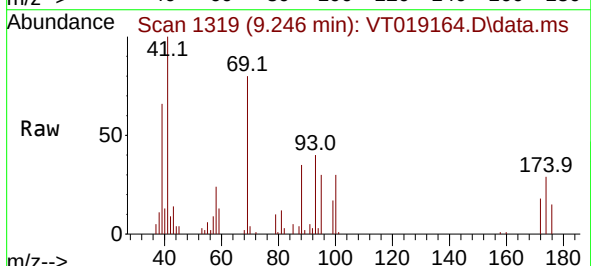
Tgt Ion: 93 Resp: 16754

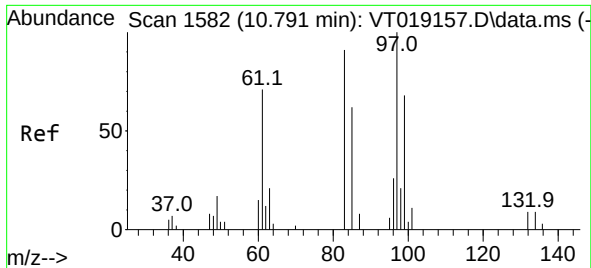
Ion Ratio Lower Upper

93 100

95 84.2 0.0 166.2

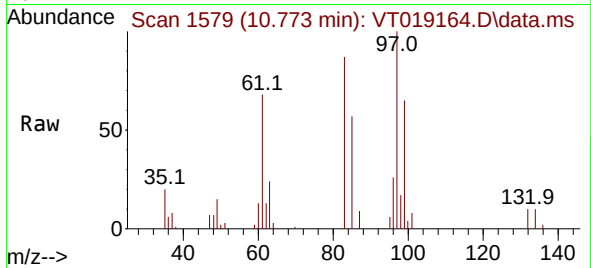
174 86.0 0.0 26.4





#41
Bromodichloromethane
Concen: 18.037 ug/l
RT: 10.773 min Scan# 1582
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

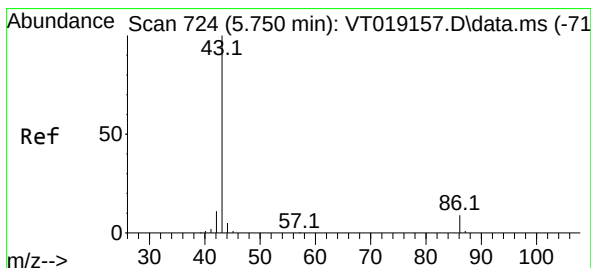
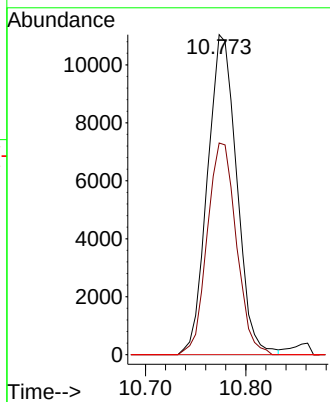
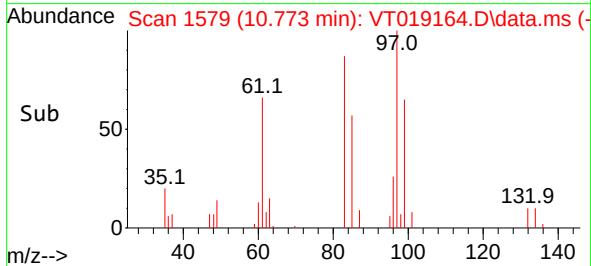
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 83 Resp: 22345
Ion Ratio Lower Upper
83 100
85 66.2 47.2 70.8
127 0.0 7.1 10.7

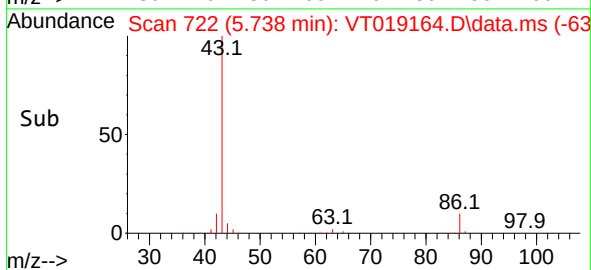
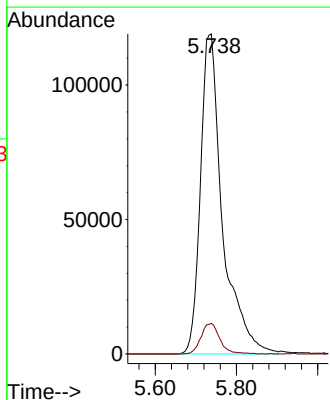
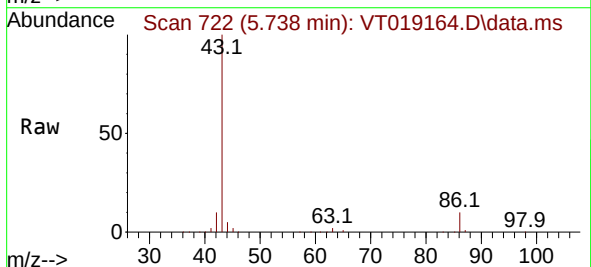
Manual Integrations
APPROVED

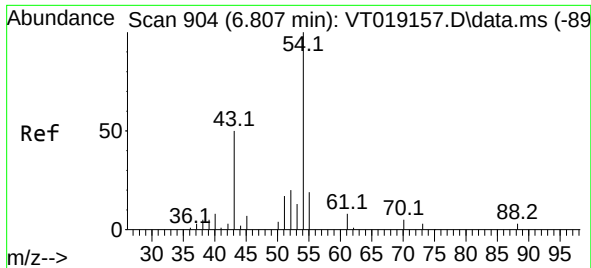
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
Vinyl Acetate
Concen: 91.927 ug/l
RT: 5.738 min Scan# 722
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 43 Resp: 448143
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





#43

Ethyl Acetate

Concen: 18.655 ug/l

RT: 6.784 min Scan# 904

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 43 Resp: 6093

Ion Ratio Lower Upper

43 100

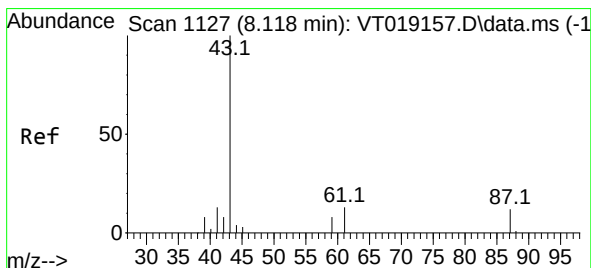
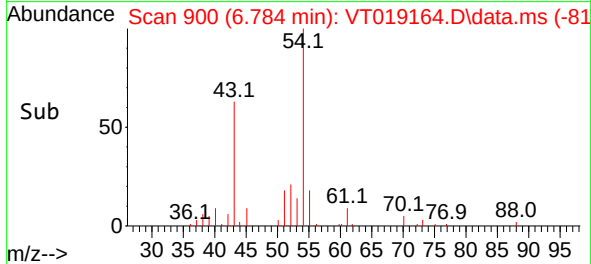
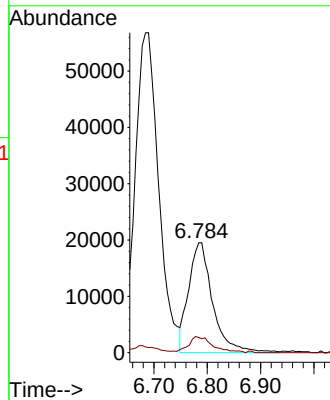
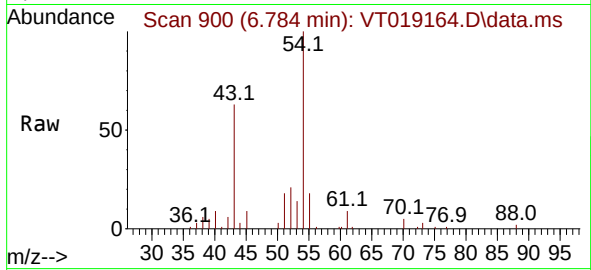
45 7.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Isopropyl Acetate

Concen: 18.234 ug/l

RT: 8.106 min Scan# 1125

Delta R.T. -0.017 min

Lab File: VT019164.D

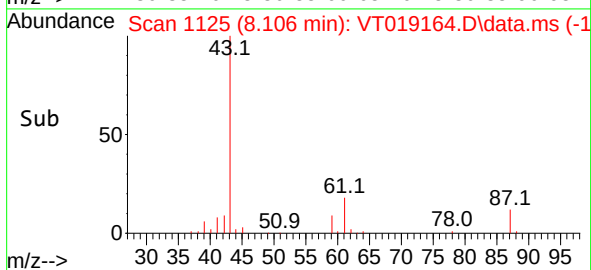
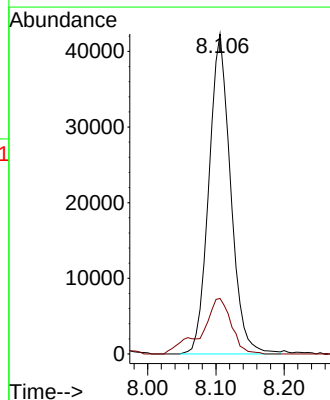
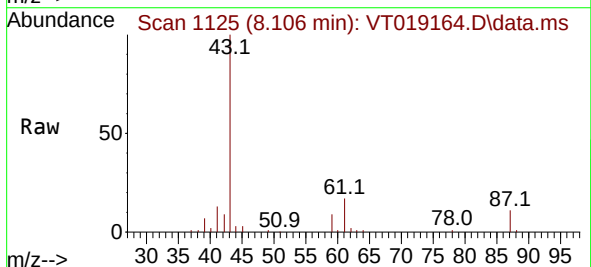
Acq: 23 Oct 2025 10:34

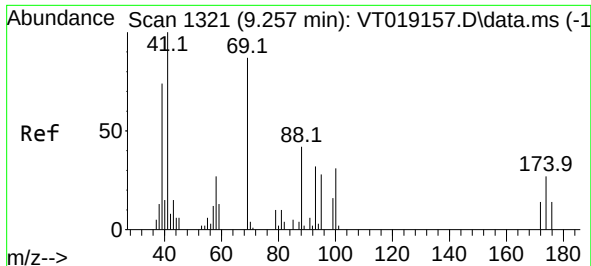
Tgt Ion: 43 Resp: 93735

Ion Ratio Lower Upper

43 100

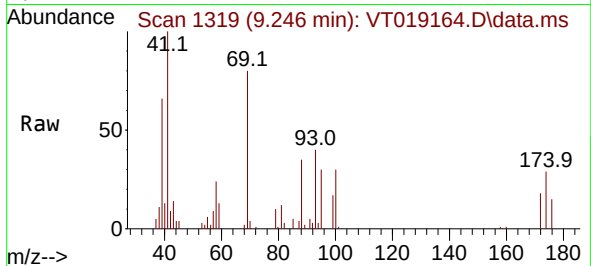
61 19.1 14.7 22.1





#45
1,4-Dioxane
Concen: 364.062 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.023 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

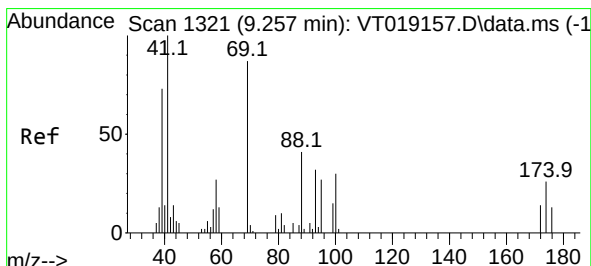
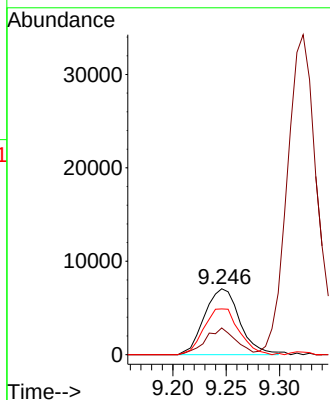
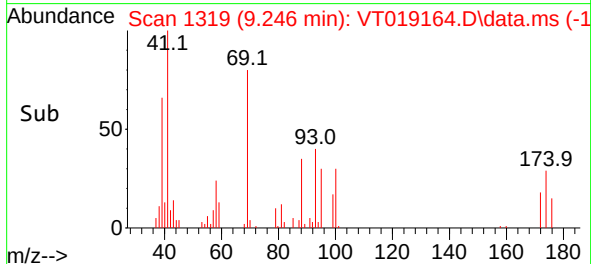
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 88 Resp: 16230
Ion Ratio Lower Upper
88 100
43 34.7 30.2 45.2
58 68.7 33.3 49.9

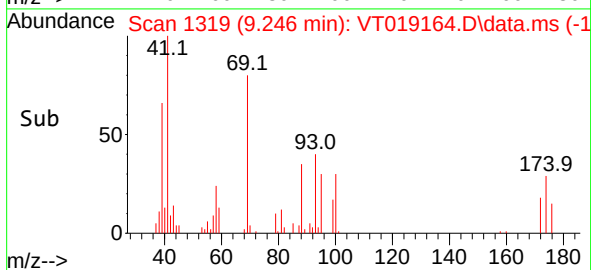
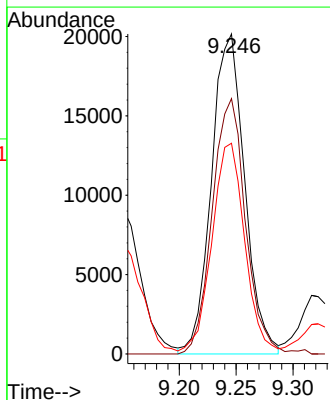
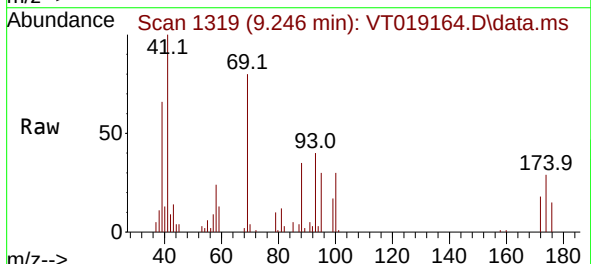
Manual Integrations
APPROVED

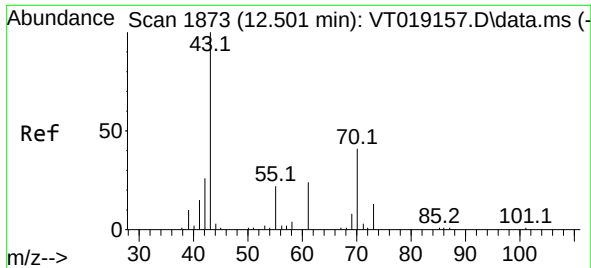
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Methyl methacrylate
Concen: 17.820 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 41 Resp: 40961
Ion Ratio Lower Upper
41 100
69 81.3 35.8 107.3
39 66.2 24.4 73.4





#47

n-amy1 Acetate

Concen: 18.592 ug/l

RT: 12.489 min Scan# 11

Delta R.T. -0.012 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 43 Resp: 6431

Ion Ratio Lower Upper

43 100

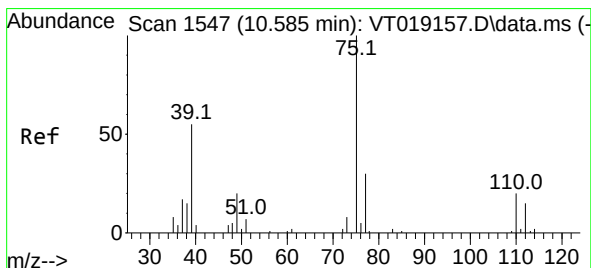
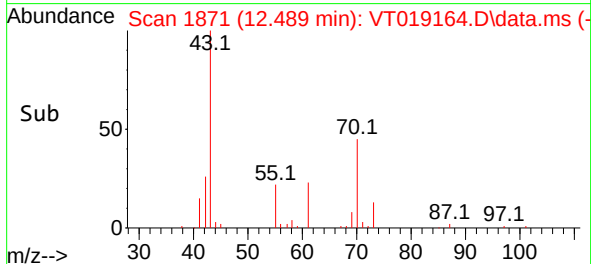
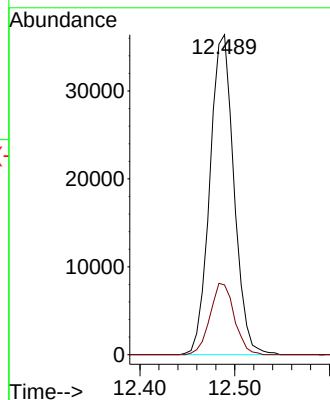
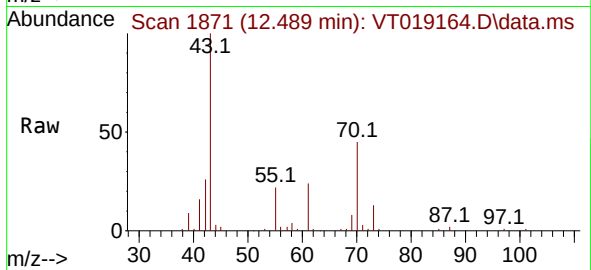
55 22.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

t-1,3-Dichloropropene

Concen: 18.437 ug/l

RT: 10.568 min Scan# 1544

Delta R.T. -0.017 min

Lab File: VT019164.D

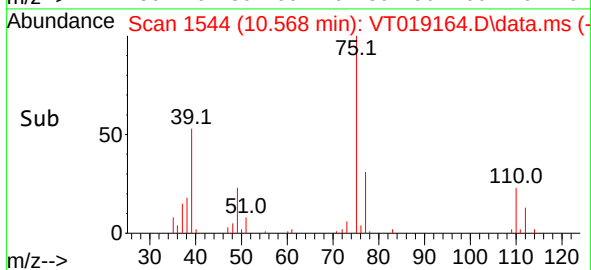
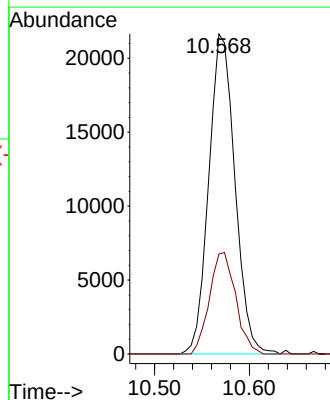
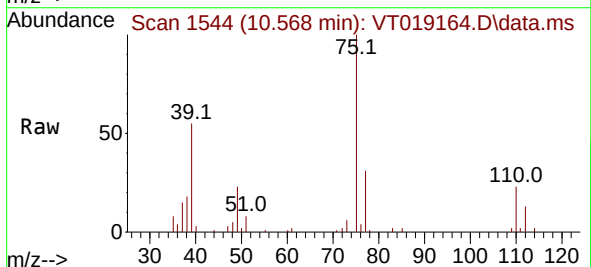
Acq: 23 Oct 2025 10:34

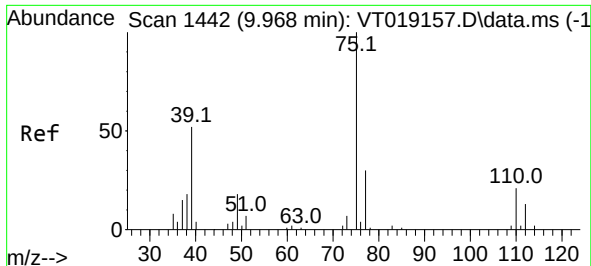
Tgt Ion: 75 Resp: 41444

Ion Ratio Lower Upper

75 100

77 31.2 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.243 ug/l

RT: 9.957 min Scan# 1440

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 75 Resp: 4307

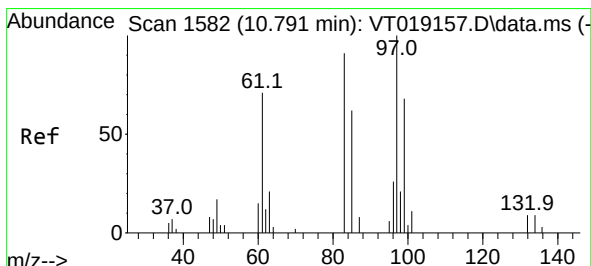
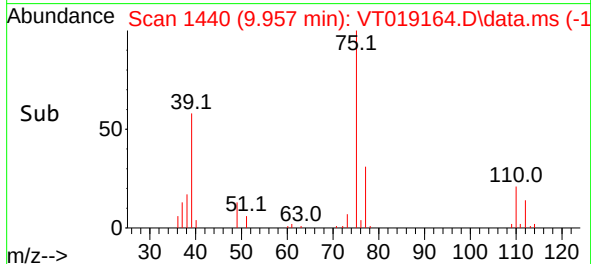
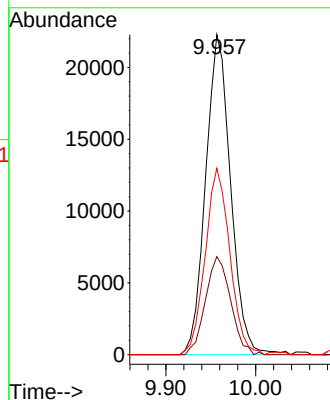
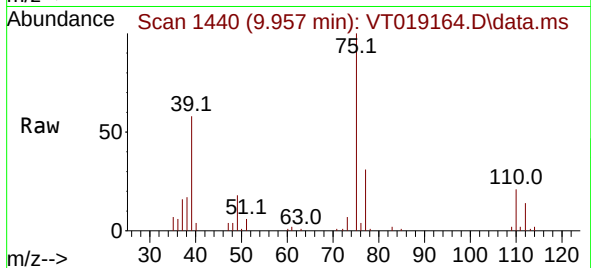
Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.1	37.7
39	58.3	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

1,1,2-Trichloroethane

Concen: 18.432 ug/l

RT: 10.779 min Scan# 1580

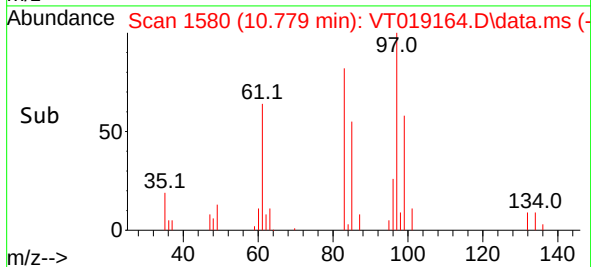
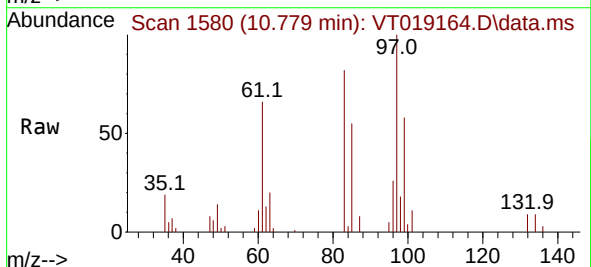
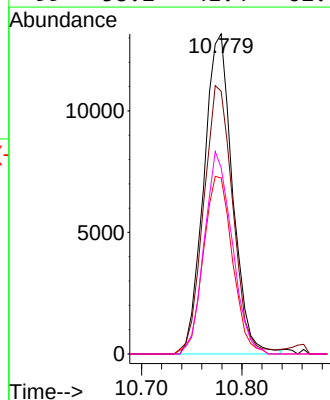
Delta R.T. -0.012 min

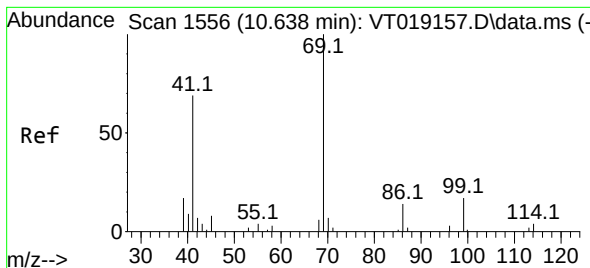
Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Tgt Ion: 97 Resp: 26146

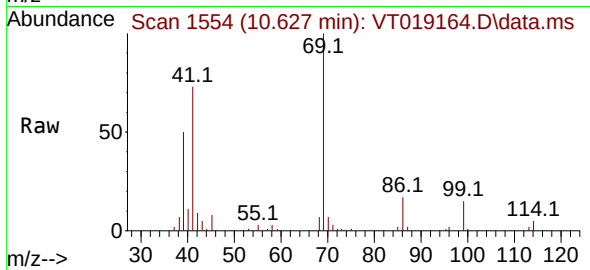
Ion	Ratio	Lower	Upper
97	100		
83	80.6	58.3	87.5
85	55.0	36.5	54.7#
99	58.2	41.4	62.0





#51
Ethyl methacrylate
Concen: 18.458 ug/l
RT: 10.627 min Scan# 1554
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

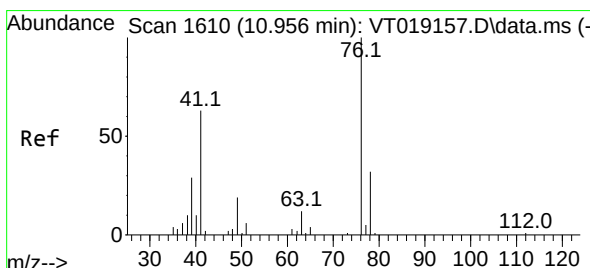
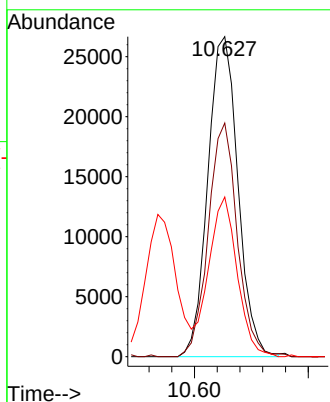
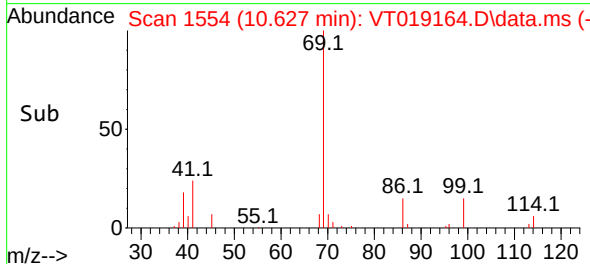
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



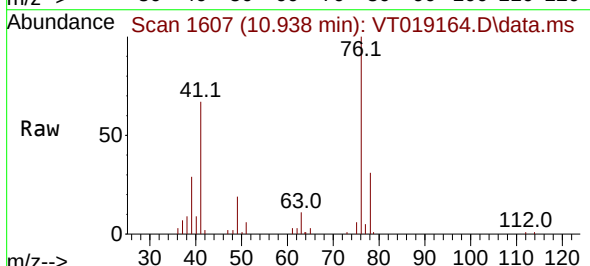
Tgt Ion: 69 Resp: 49069
Ion Ratio Lower Upper
69 100
41 73.0 35.0 105.1
39 49.9 19.5 58.5

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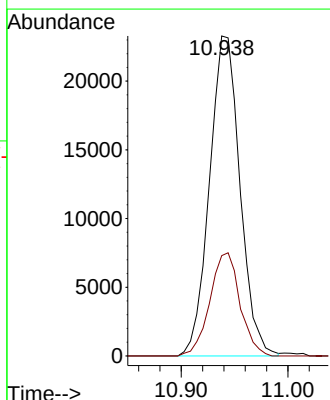
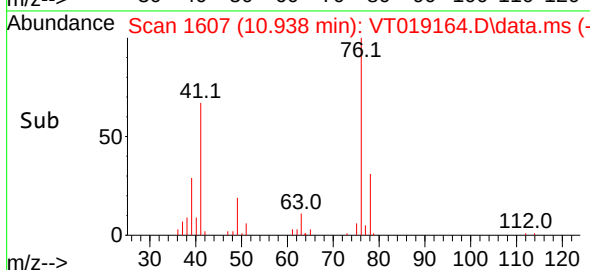
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

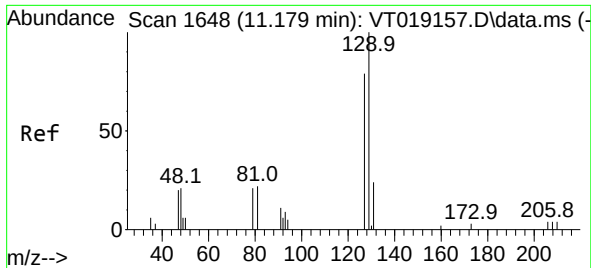


#52
1,3-Dichloropropane
Concen: 18.247 ug/l
RT: 10.938 min Scan# 1607
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34



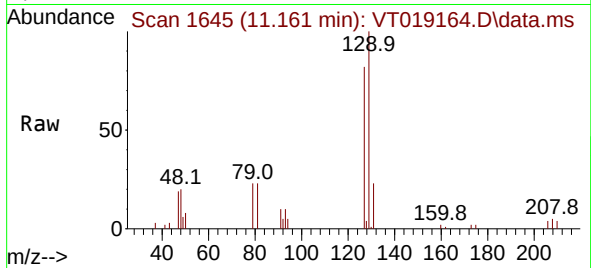
Tgt Ion: 76 Resp: 46231
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.6





#53
Dibromochloromethane
Concen: 18.242 ug/l
RT: 11.161 min Scan# 1645
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

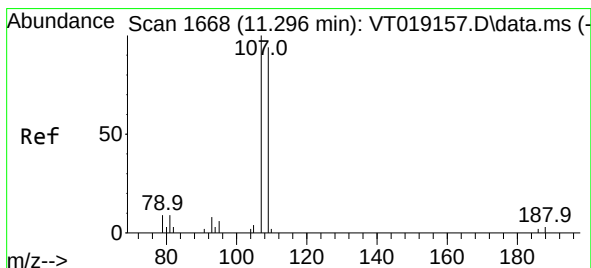
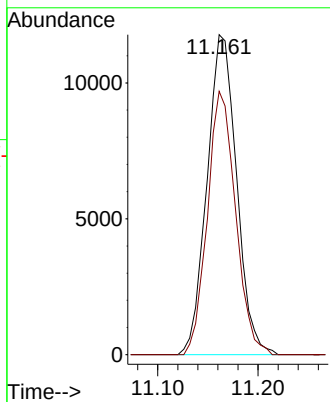
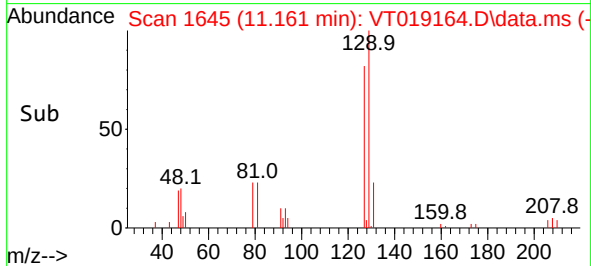
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



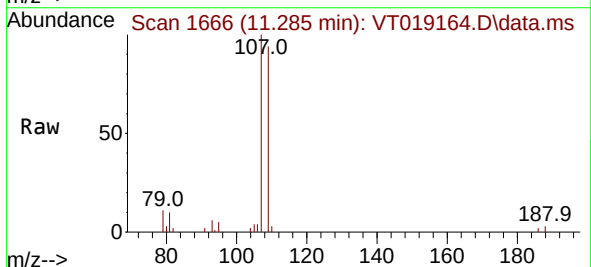
Tgt Ion:129 Resp: 24139
Ion Ratio Lower Upper
129 100
127 78.3 125.0 374.9

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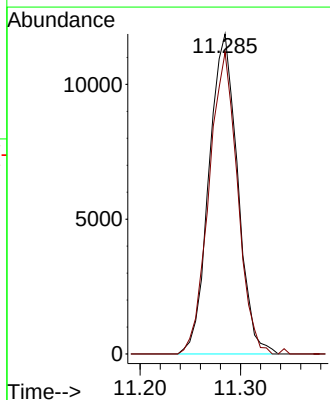
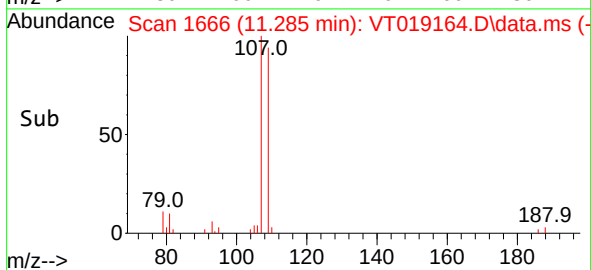
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

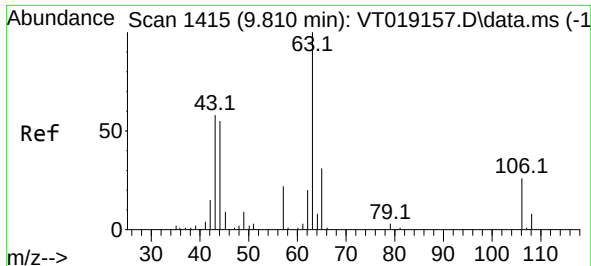


#54
1,2-Dibromoethane
Concen: 17.801 ug/l
RT: 11.285 min Scan# 1666
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34



Tgt Ion:107 Resp: 23486
Ion Ratio Lower Upper
107 100
109 93.9 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 80.491 ug/l

RT: 9.798 min Scan# 1415

Delta R.T. -0.012 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

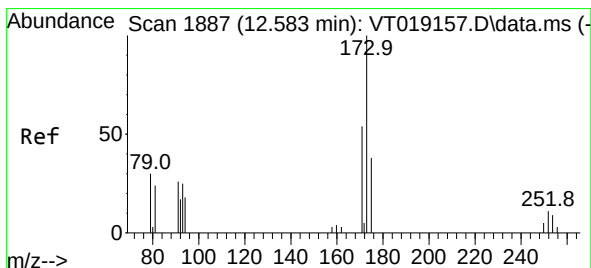
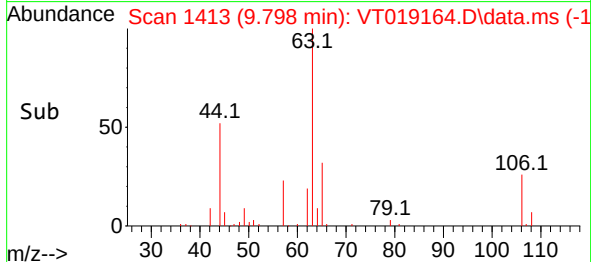
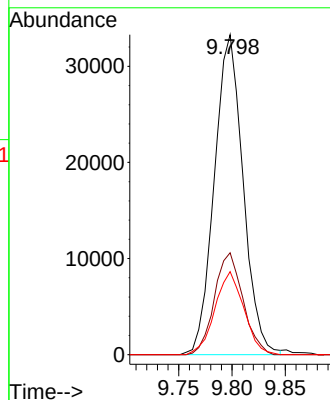
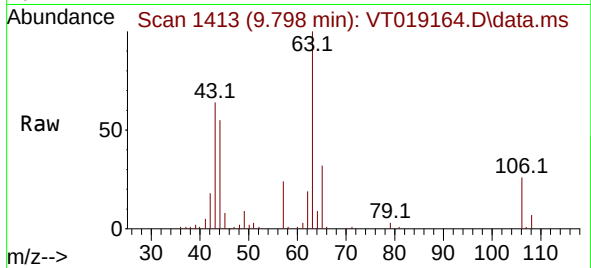
Tgt Ion: 63 Resp: 62408
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.8 38.6
 106 26.2 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#56

Bromoform

Concen: 19.693 ug/l

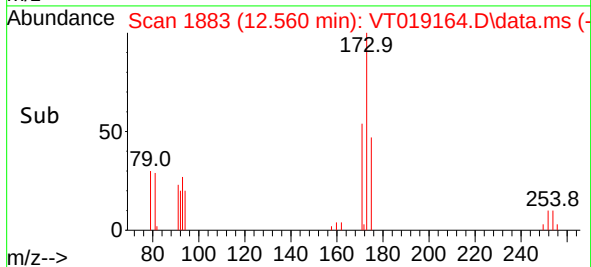
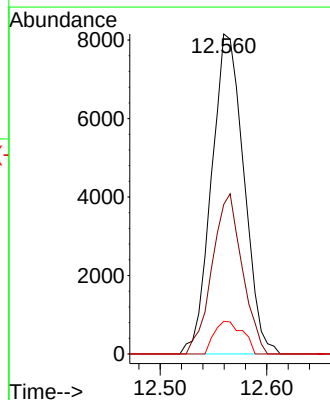
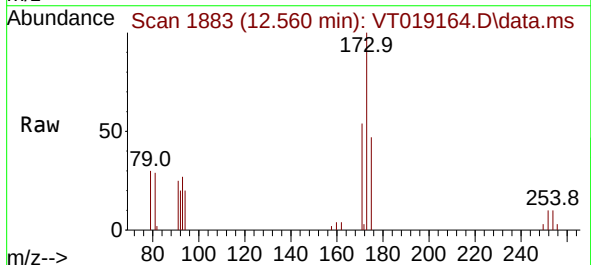
RT: 12.560 min Scan# 1883

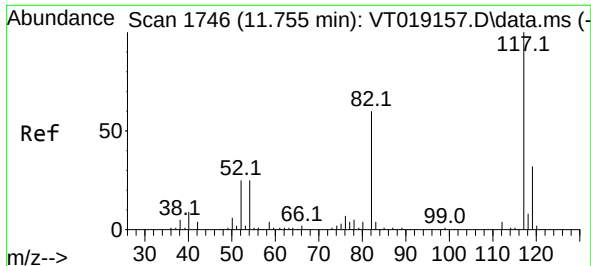
Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

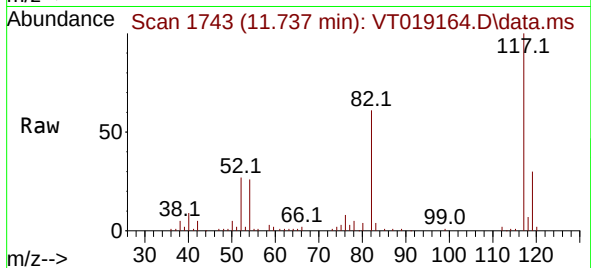
Tgt Ion:173 Resp: 17131
 Ion Ratio Lower Upper
 173 100
 175 46.6 2.6 3.8#
 254 9.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.737 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

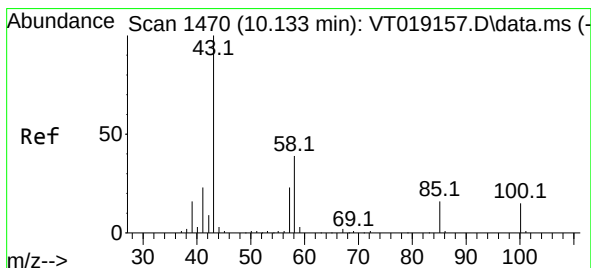
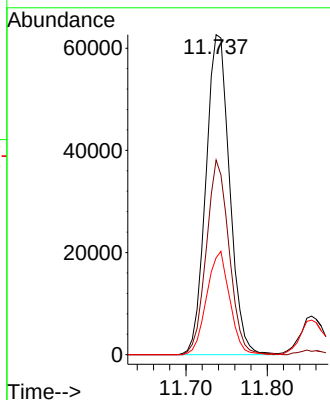
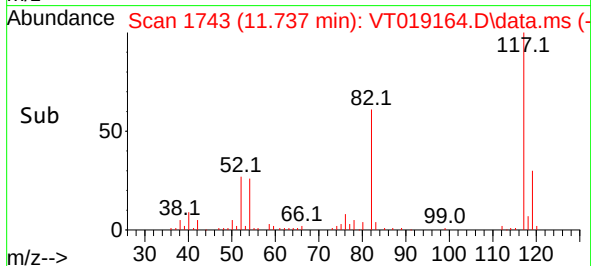
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



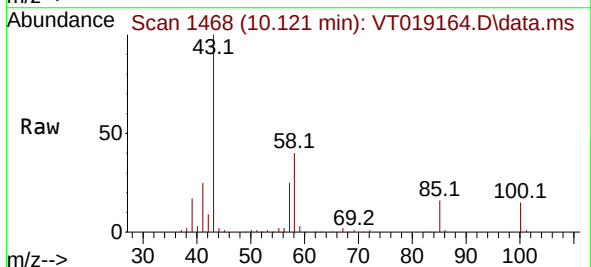
Tgt Ion: 117 Resp: 12726
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 31.3 25.8 38.8

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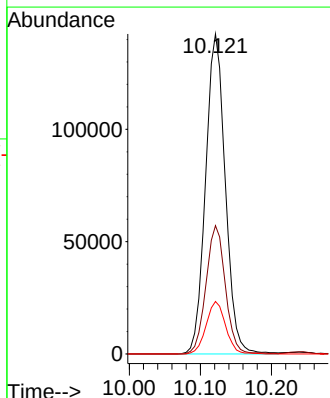
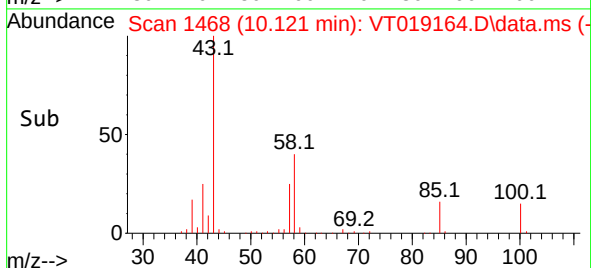
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

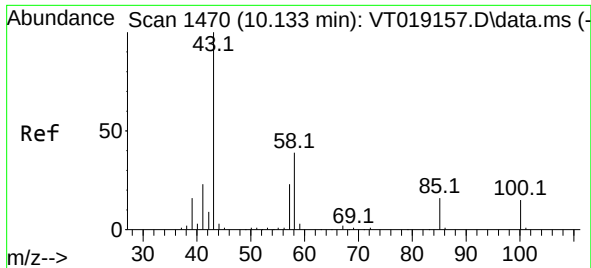


#58
4-Methyl-2-Pentanone
Concen: 88.128 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34



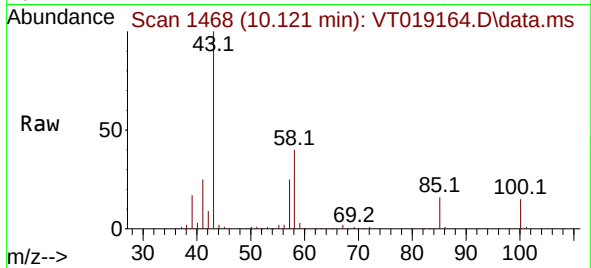
Tgt Ion: 43 Resp: 274660
Ion Ratio Lower Upper
43 100
58 39.5 30.6 45.8
85 16.2 13.4 20.2





#59
2-Hexanone
Concen: 88.128 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

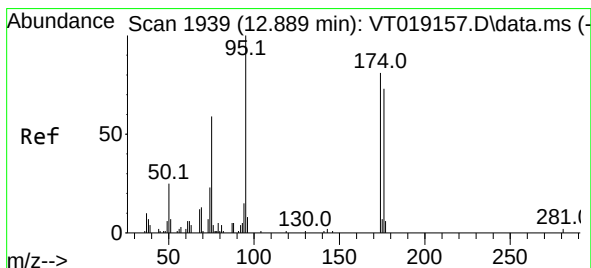
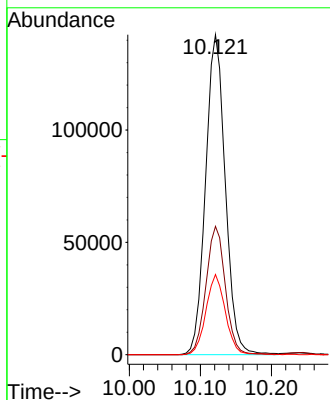
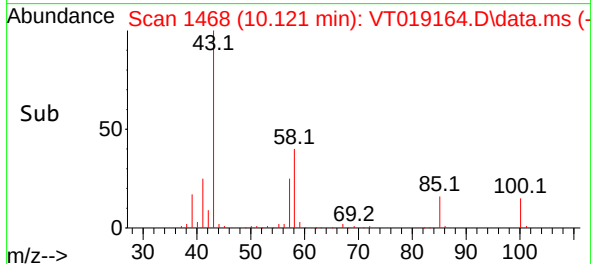
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion: 43 Resp: 274660
Ion Ratio Lower Upper
43 100
58 39.5 42.0 63.0
57 24.6 14.6 21.8

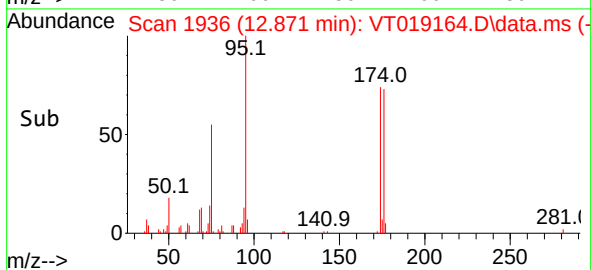
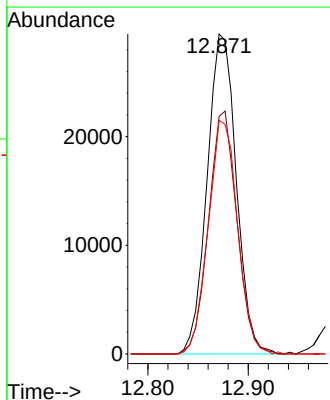
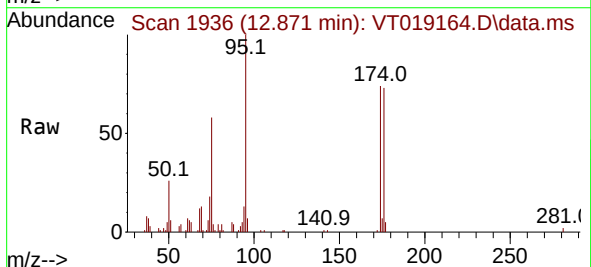
Manual Integrations
APPROVED

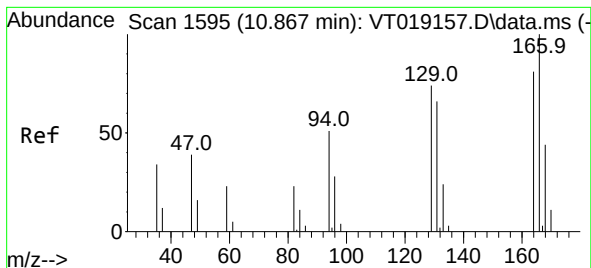
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
4-Bromofluorobenzene
Concen: 29.696 ug/l
RT: 12.871 min Scan# 1936
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

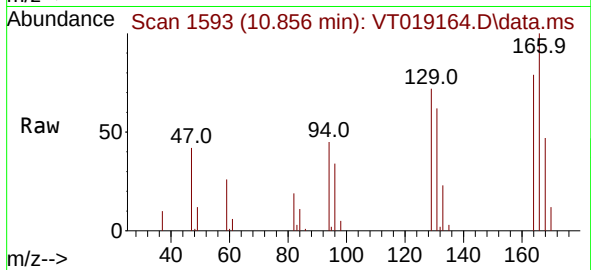
Tgt Ion: 95 Resp: 59397
Ion Ratio Lower Upper
95 100
174 74.0 57.5 86.3
176 73.4 56.4 84.6





#61
Tetrachloroethene
Concen: 19.899 ug/l
RT: 10.856 min Scan# 1593
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

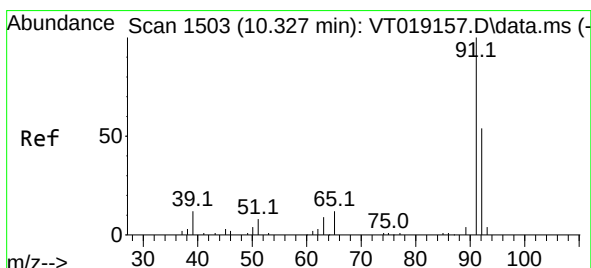
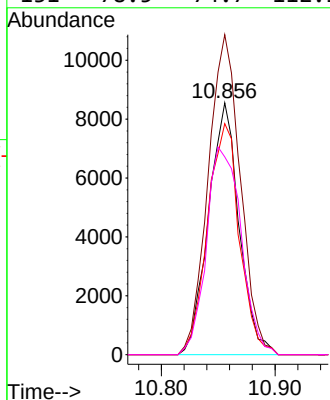
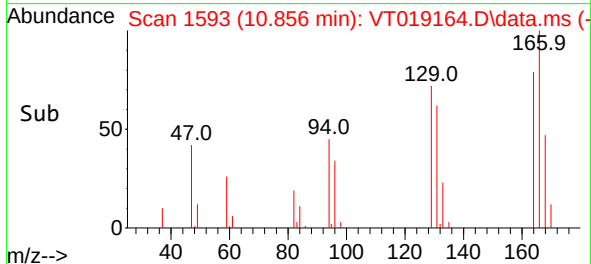
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion:164 Resp: 1600
Ion Ratio Lower Upper
164 100
166 127.1 101.0 151.4
129 91.7 78.6 117.8
131 78.5 74.7 112.1

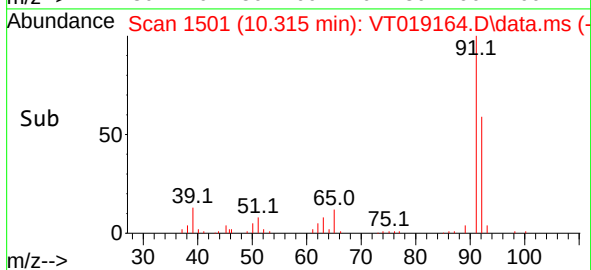
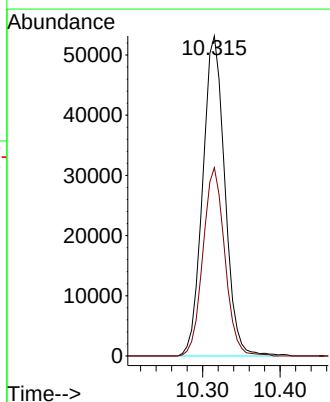
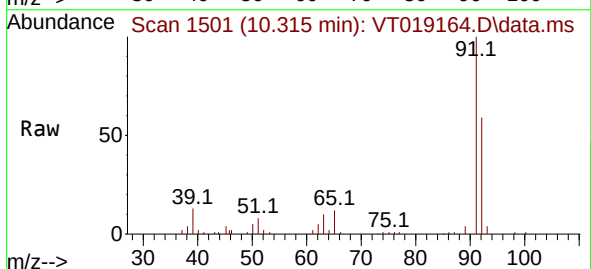
Manual Integrations
APPROVED

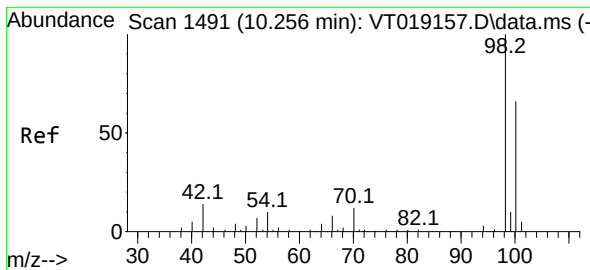
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
Toluene
Concen: 18.491 ug/l
RT: 10.315 min Scan# 1501
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 91 Resp: 105401
Ion Ratio Lower Upper
91 100
92 58.1 46.6 69.8





#63

Toluene-d8

Concen: 29.808 ug/l

RT: 10.239 min Scan# 1491

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 98 Resp: 18463

Ion Ratio Lower Upper

98 100

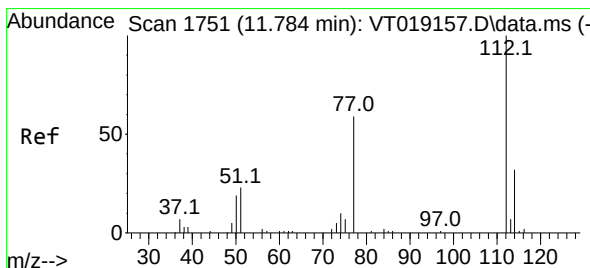
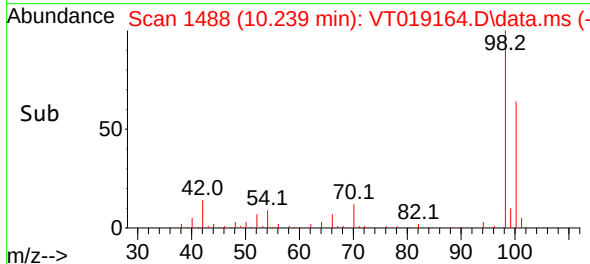
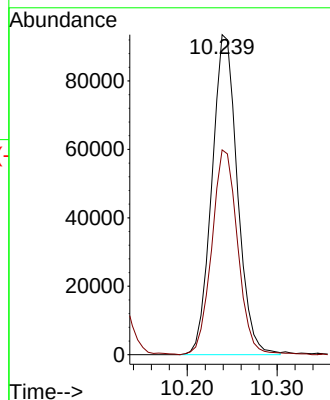
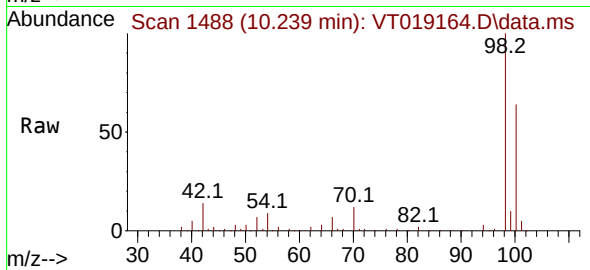
100 64.8 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#64

Chlorobenzene

Concen: 18.108 ug/l

RT: 11.766 min Scan# 1748

Delta R.T. -0.018 min

Lab File: VT019164.D

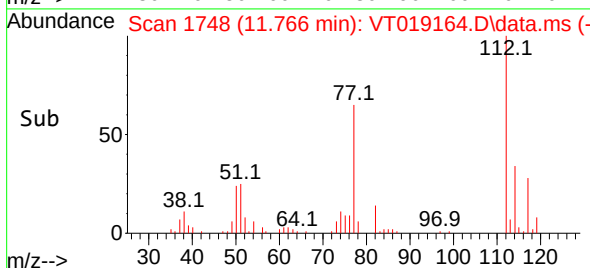
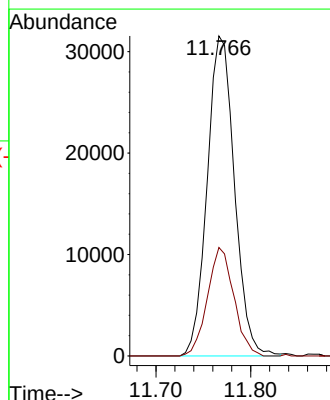
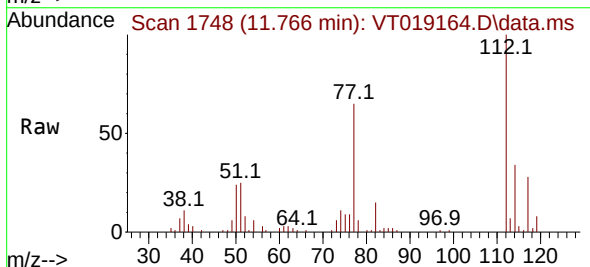
Acq: 23 Oct 2025 10:34

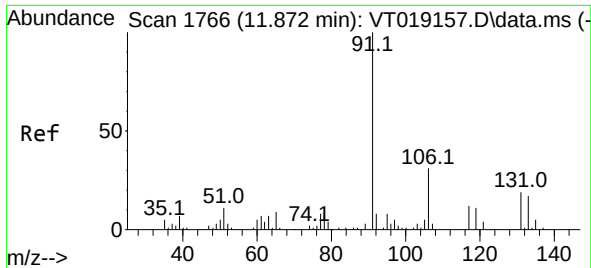
Tgt Ion:112 Resp: 63049

Ion Ratio Lower Upper

112 100

114 33.9 23.6 35.4





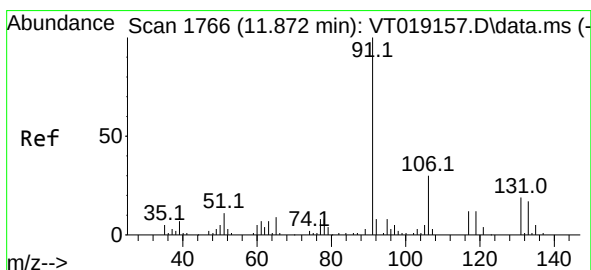
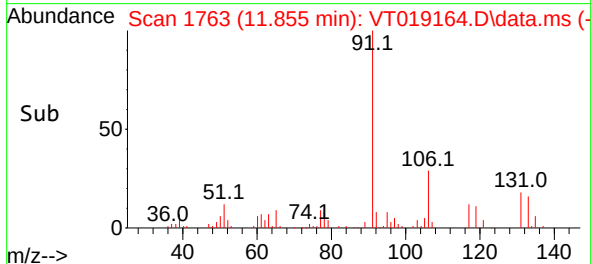
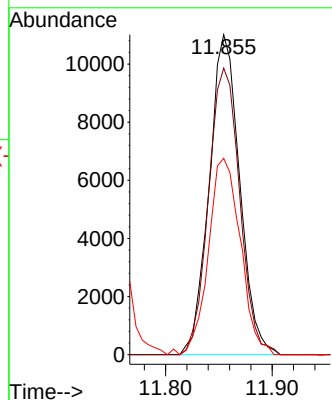
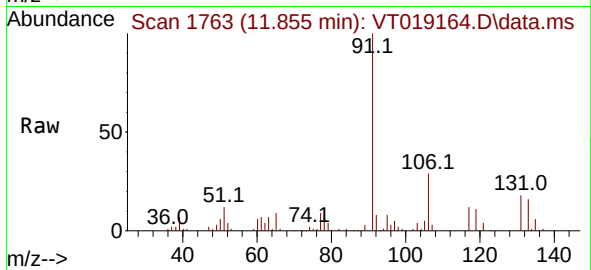
#65
1,1,1,2-Tetrachloroethane
Concen: 19.261 ug/l
RT: 11.855 min Scan# 1763
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:131 Resp: 2184
Ion Ratio Lower Upper
131 100
133 91.9 0.0 188.2
119 64.2 0.0 101.8

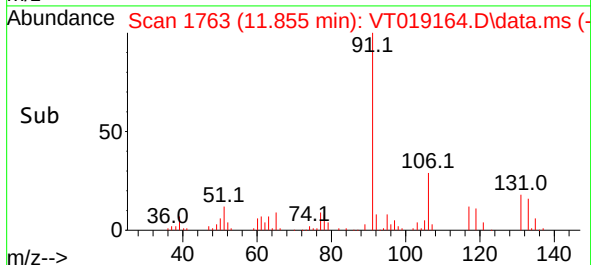
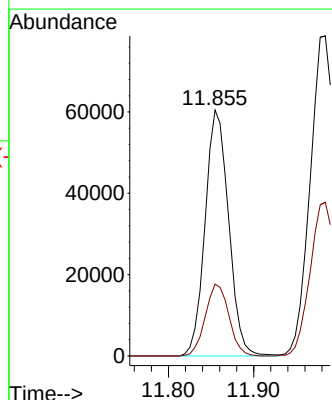
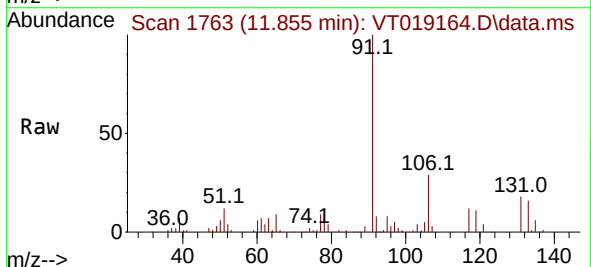
Manual Integrations
APPROVED

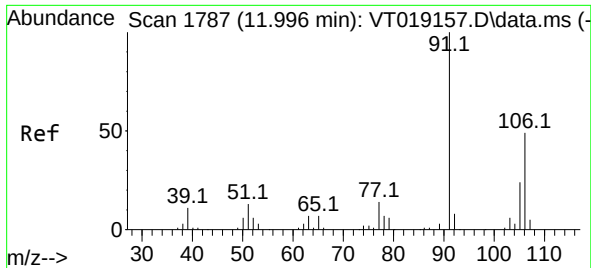
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 18.717 ug/l
RT: 11.855 min Scan# 1763
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 91 Resp: 115952
Ion Ratio Lower Upper
91 100
106 29.2 25.1 37.7





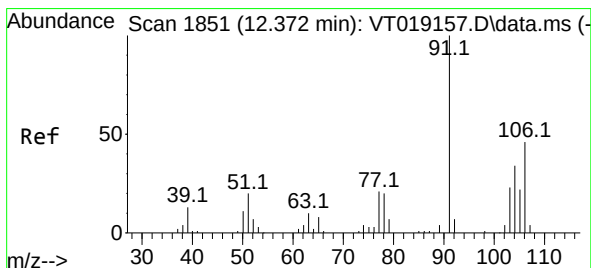
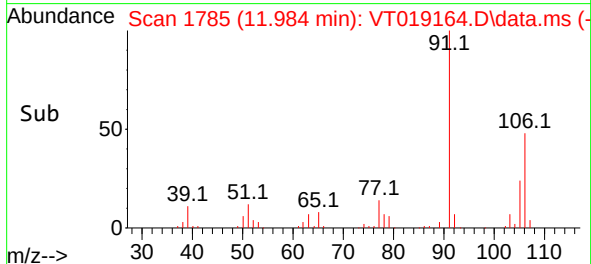
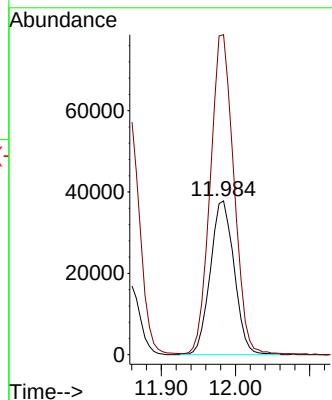
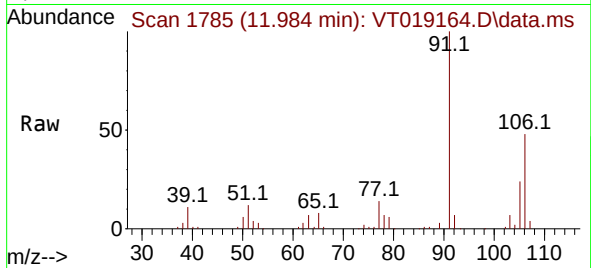
#67
m/p-Xylenes
Concen: 36.724 ug/l
RT: 11.984 min Scan# 11
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:106 Resp: 8457
Ion Ratio Lower Upper
106 100
91 206.3 164.4 246.6

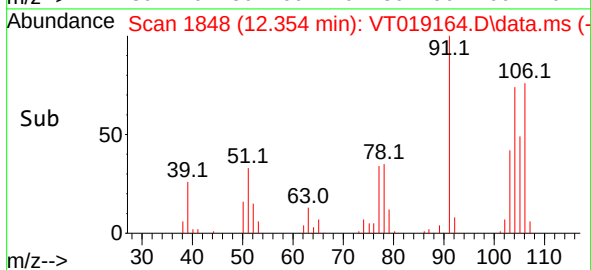
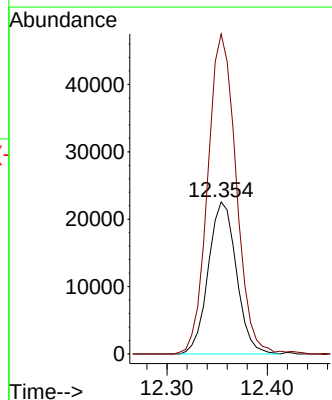
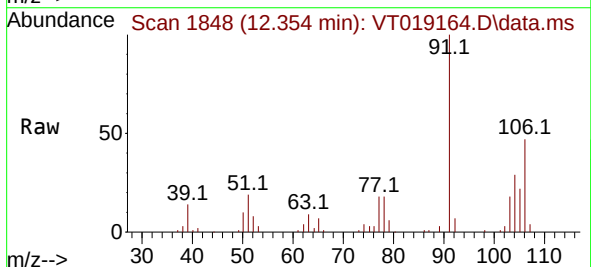
Manual Integrations
APPROVED

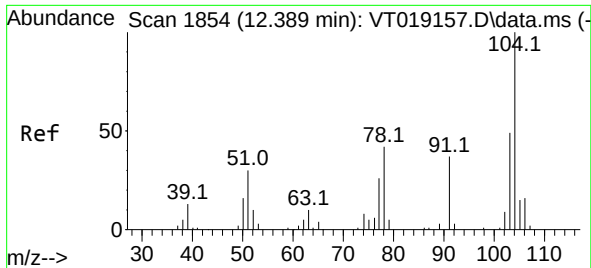
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
o-Xylene
Concen: 18.444 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion:106 Resp: 43842
Ion Ratio Lower Upper
106 100
91 212.3 111.3 333.8





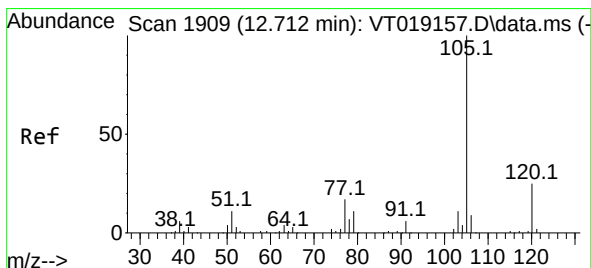
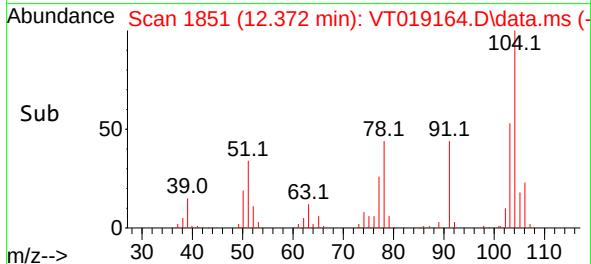
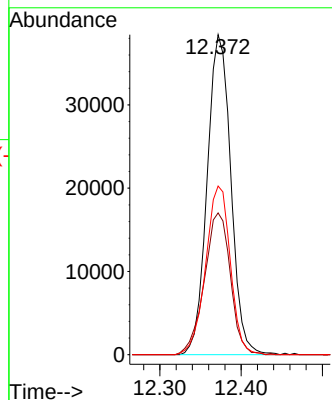
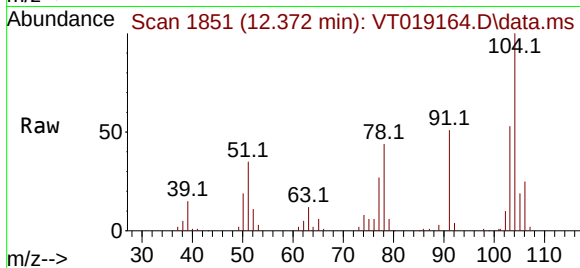
#69
Styrene
Concen: 18.245 ug/l
RT: 12.372 min Scan# 1854
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:104 Resp: 77862
Ion Ratio Lower Upper
104 100
78 48.6 42.6 63.8
103 54.8 43.5 65.3

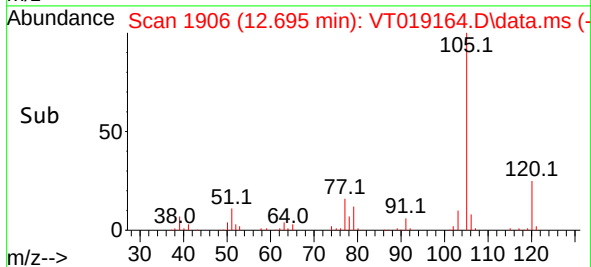
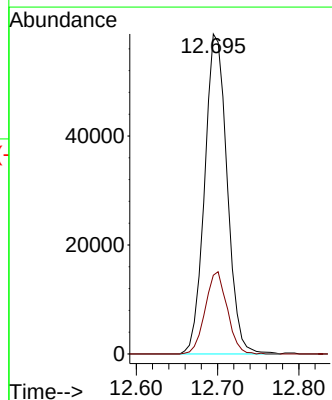
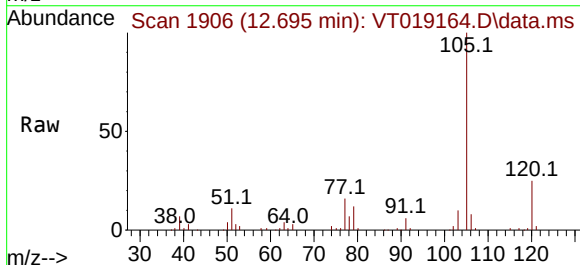
Manual Integrations
APPROVED

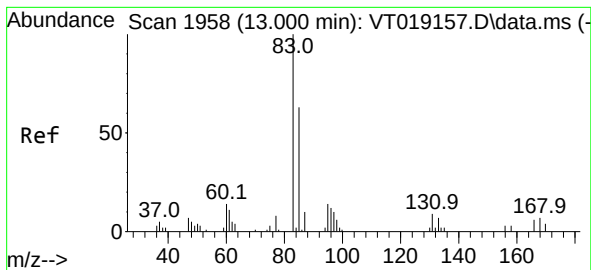
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 19.323 ug/l
RT: 12.695 min Scan# 1906
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion:105 Resp: 112666
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.0





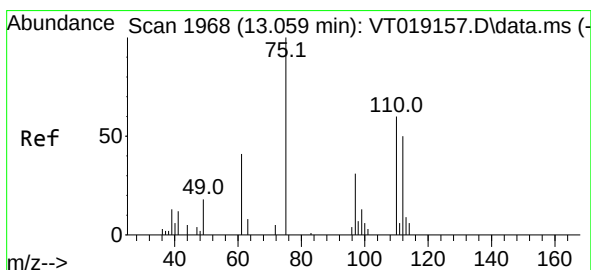
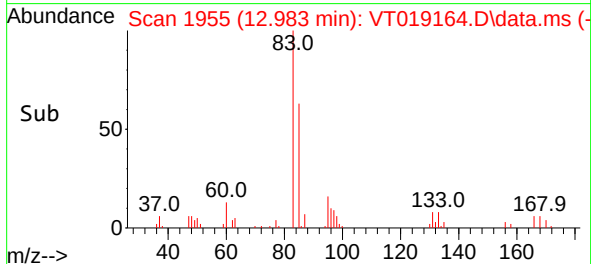
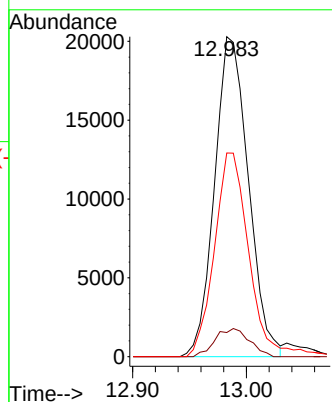
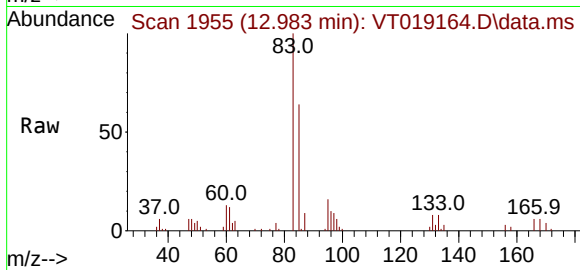
#71
1,1,2,2-Tetrachloroethane
Concen: 18.319 ug/l
RT: 12.983 min Scan# 1955
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 83 Resp: 41908
Ion Ratio Lower Upper
83 100
131 9.0 6.0 18.0
85 65.1 32.3 96.9

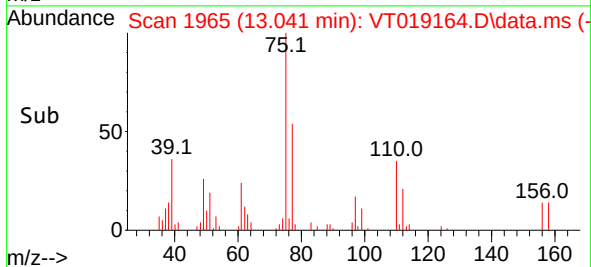
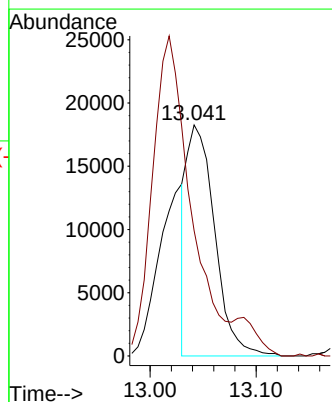
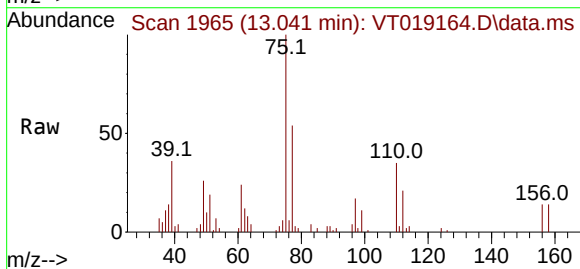
Manual Integrations
APPROVED

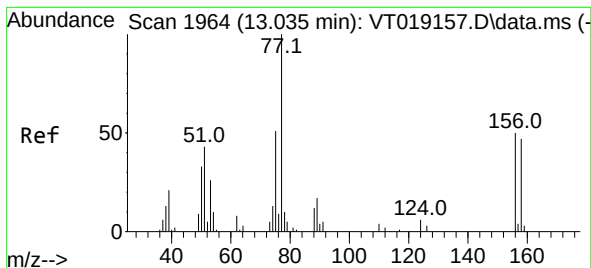
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 19.855 ug/l m
RT: 13.041 min Scan# 1965
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 75 Resp: 33529
Ion Ratio Lower Upper
75 100
77 188.5 0.0 74.2#





#73

Bromobenzene

Concen: 18.405 ug/l

RT: 13.018 min Scan# 1964

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

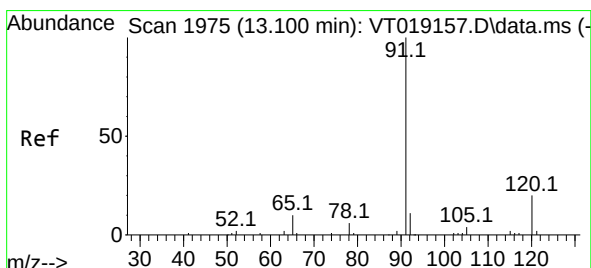
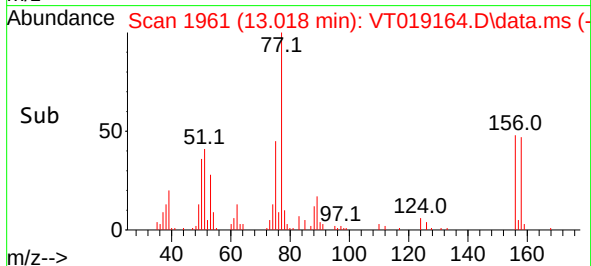
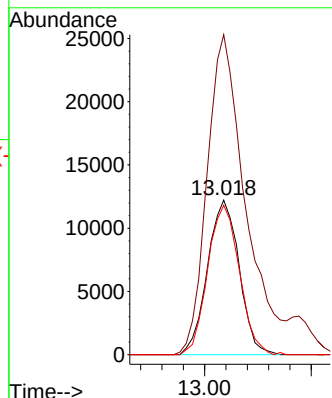
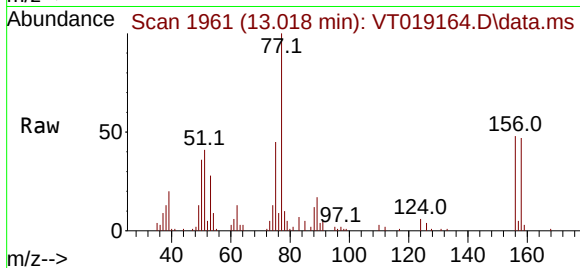
Tgt Ion:	156	Resp:	2523
Ion Ratio	Lower	Upper	
156	100		
77	250.4	0.0	340.8
158	96.5	0.0	189.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

n-propylbenzene

Concen: 19.053 ug/l

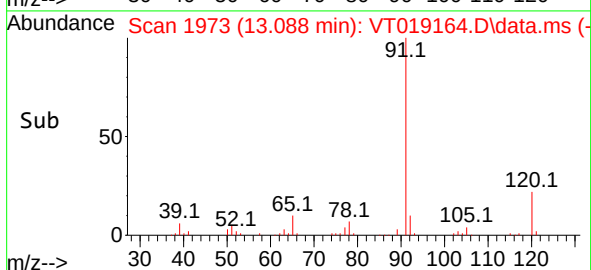
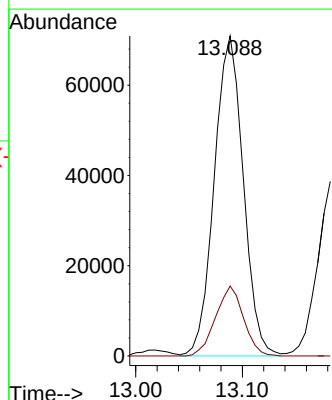
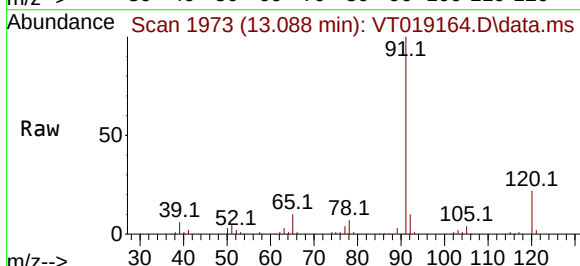
RT: 13.088 min Scan# 1973

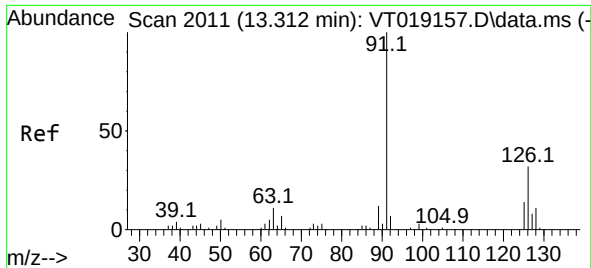
Delta R.T. -0.012 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Tgt Ion:	91	Resp:	133957
Ion Ratio	Lower	Upper	
91	100		
120	21.0	0.0	44.4





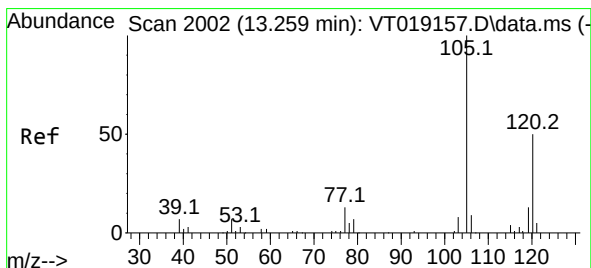
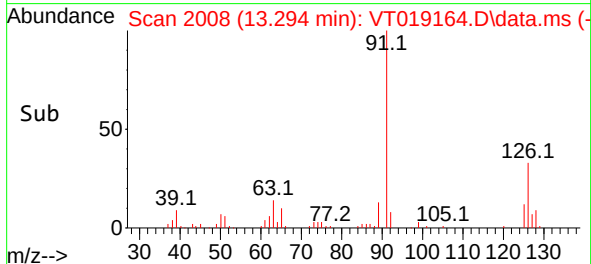
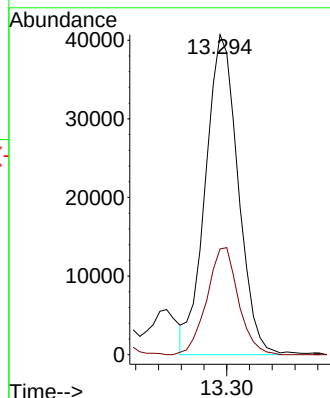
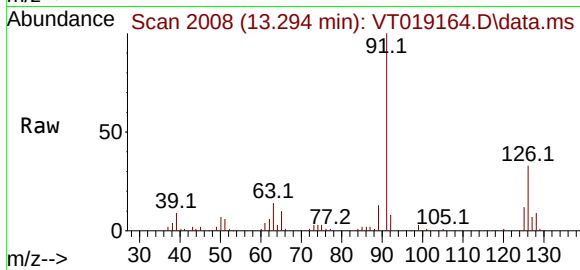
#75
2-Chlorotoluene
Concen: 18.825 ug/l
RT: 13.294 min Scan# 2008
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 91 Resp: 8102
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.6

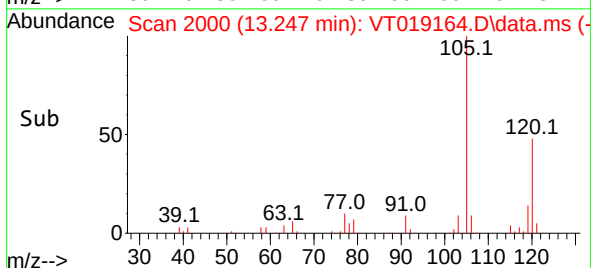
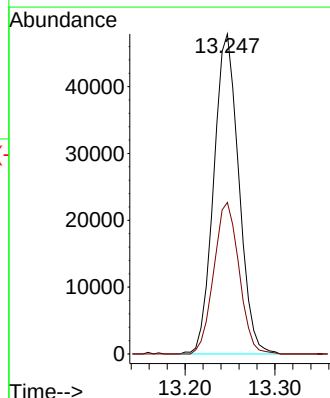
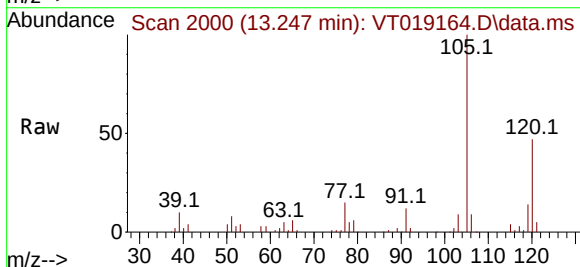
Manual Integrations
APPROVED

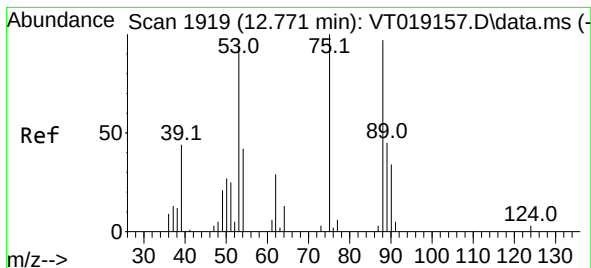
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.405 ug/l
RT: 13.247 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion:105 Resp: 92823
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.0





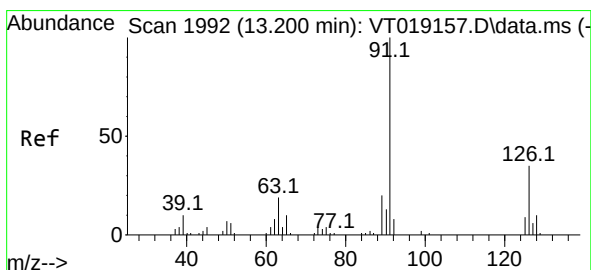
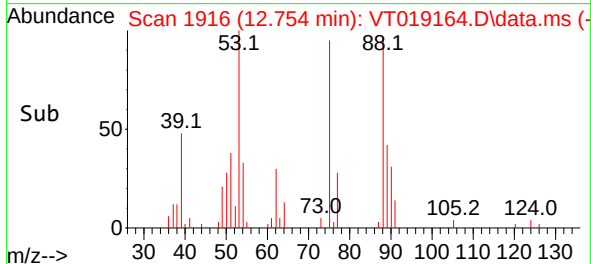
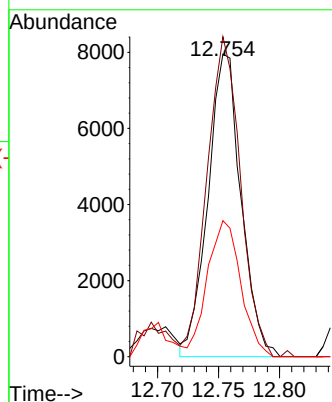
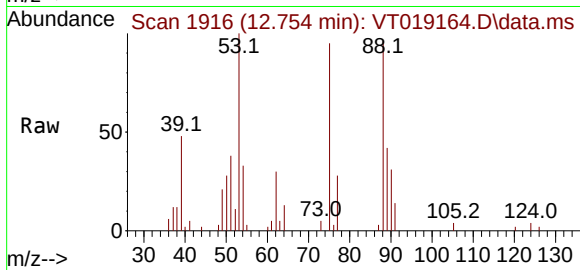
#77
t-1,4-Dichloro-2-butene
Concen: 18.320 ug/l
RT: 12.754 min Scan# 1916
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion: 75 Resp: 15032
Ion Ratio Lower Upper
75 100
53 105.7 48.4 145.2
89 44.9 33.8 101.3

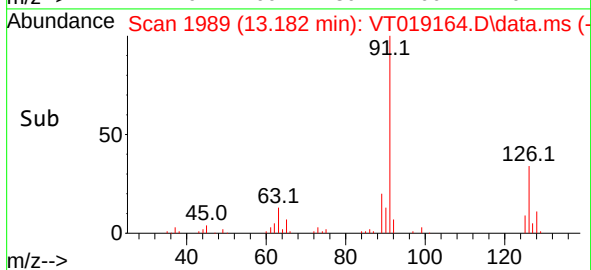
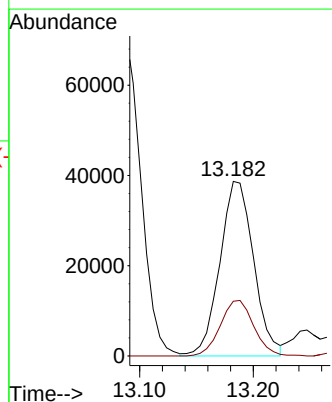
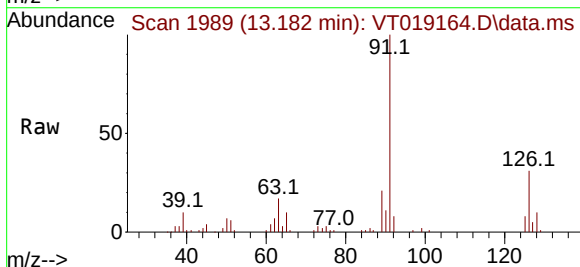
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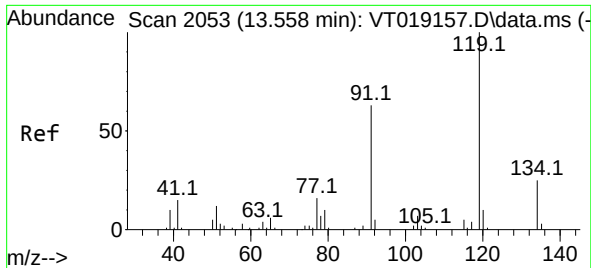
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
4-Chlorotoluene
Concen: 18.842 ug/l
RT: 13.182 min Scan# 1989
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 91 Resp: 79995
Ion Ratio Lower Upper
91 100
126 31.4 0.0 57.2





#79

tert-butylbenzene

Concen: 19.250 ug/l

RT: 13.547 min Scan# 2053

Delta R.T. -0.011 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion:119 Resp: 81780

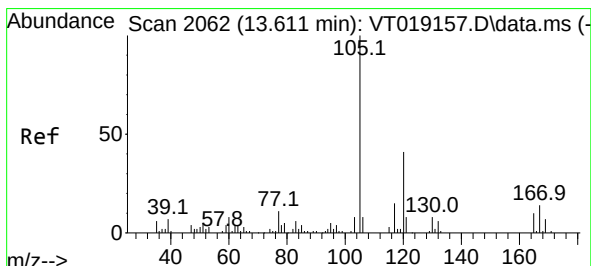
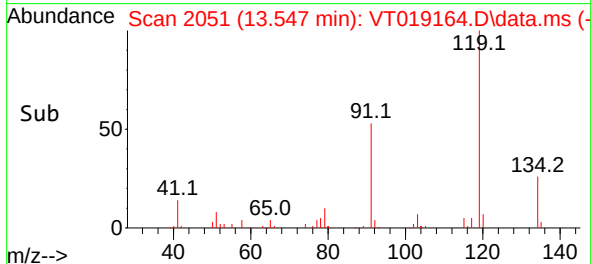
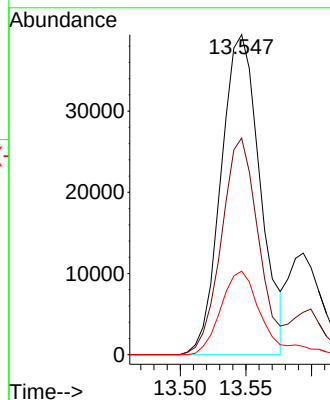
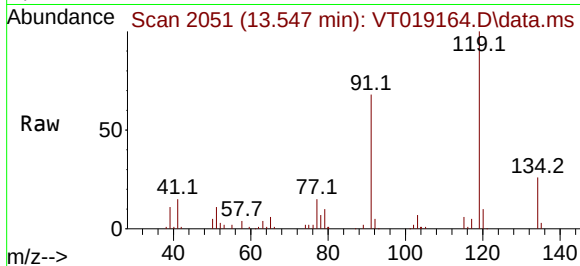
Ion	Ratio	Lower	Upper
119	100		
91	63.9	0.0	120.6
134	25.7	0.0	46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#80

1,2,4-Trimethylbenzene

Concen: 18.438 ug/l

RT: 13.594 min Scan# 2059

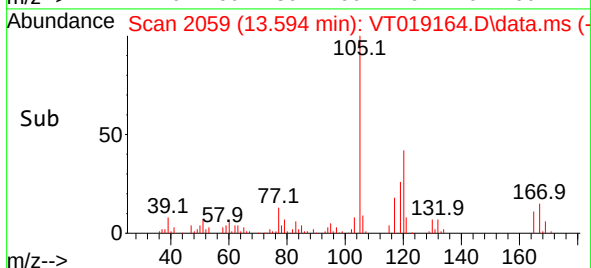
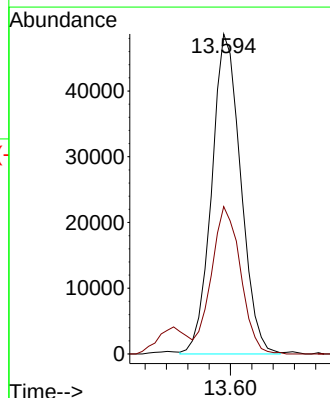
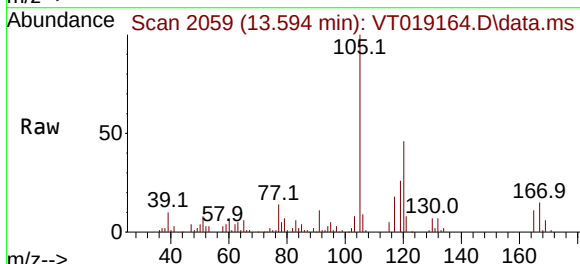
Delta R.T. -0.017 min

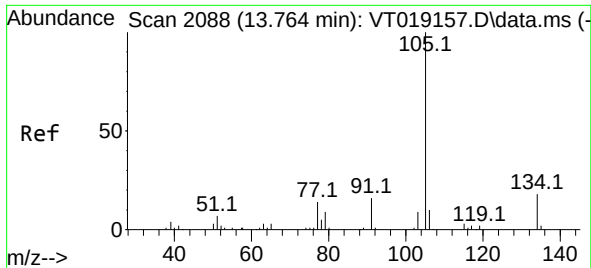
Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Tgt Ion:105 Resp: 92019

Ion	Ratio	Lower	Upper
105	100		
120	46.2	0.0	88.6





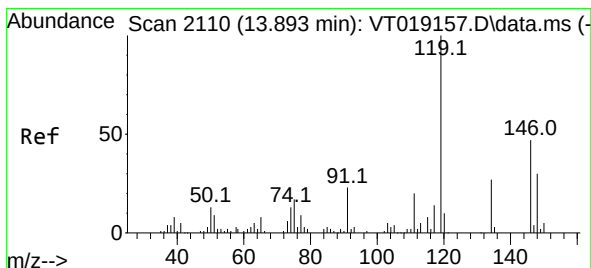
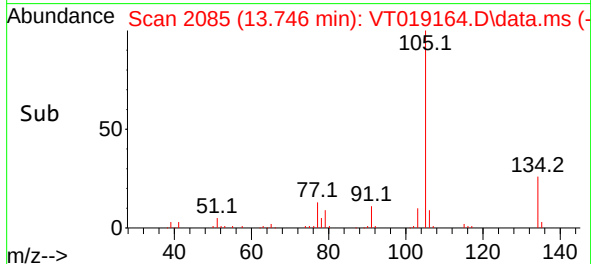
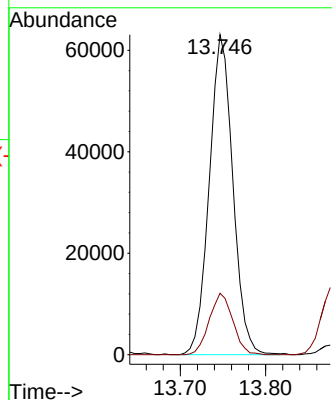
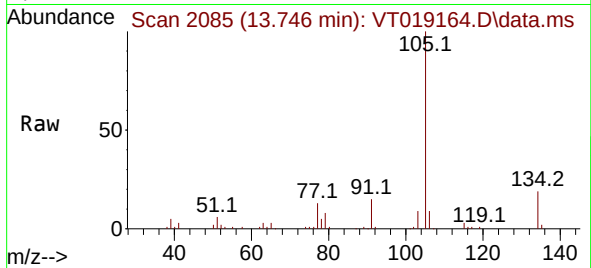
#81
 sec-Butylbenzene
 Concen: 19.808 ug/l
 RT: 13.746 min Scan# 2088
 Delta R.T. -0.018 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBS01

Tgt Ion:105 Resp: 12125
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4

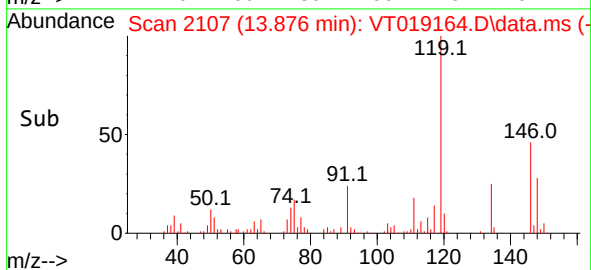
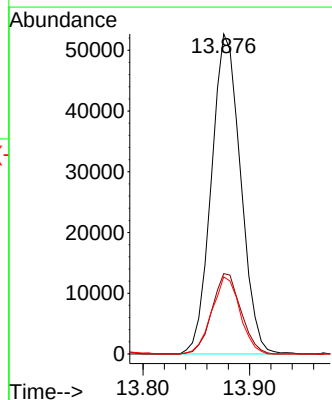
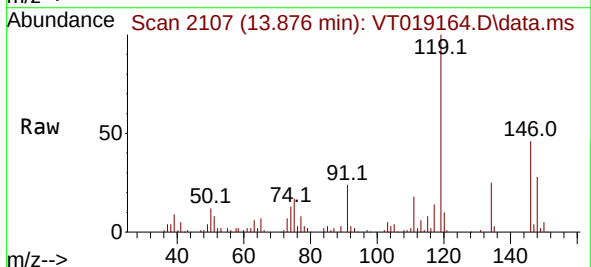
Manual Integrations
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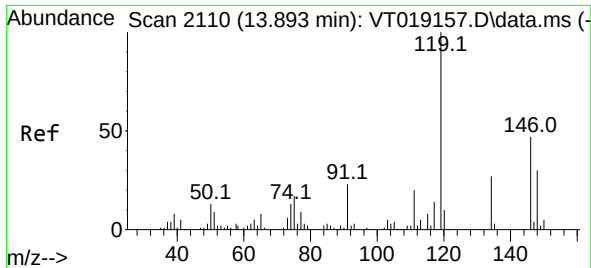
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#82
 p-Isopropyltoluene
 Concen: 19.702 ug/l
 RT: 13.876 min Scan# 2107
 Delta R.T. -0.017 min
 Lab File: VT019164.D
 Acq: 23 Oct 2025 10:34

Tgt Ion:119 Resp: 100332
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 50.8
 91 23.2 0.0 51.0





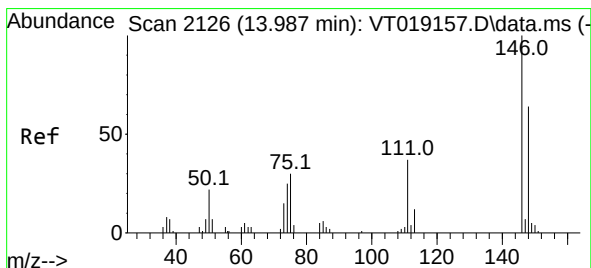
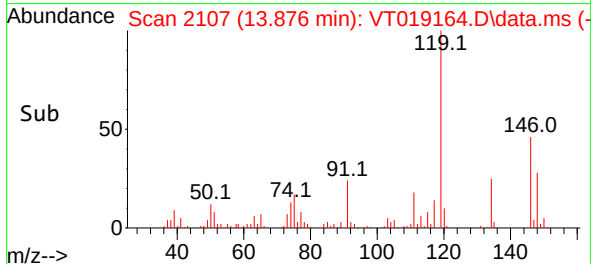
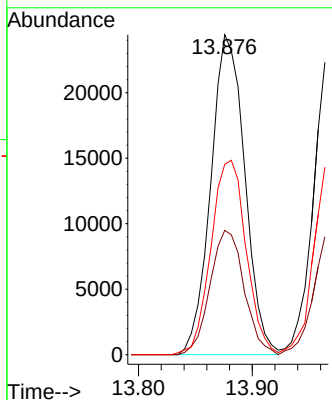
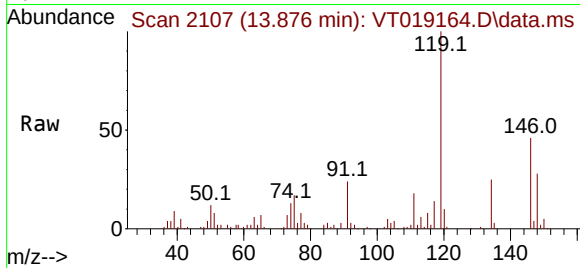
#83
1,3-Dichlorobenzene
Concen: 18.874 ug/l
RT: 13.876 min Scan# 2110
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:146 Resp: 50750
Ion Ratio Lower Upper
146 100
111 38.9 20.7 62.1
148 62.7 31.8 95.3

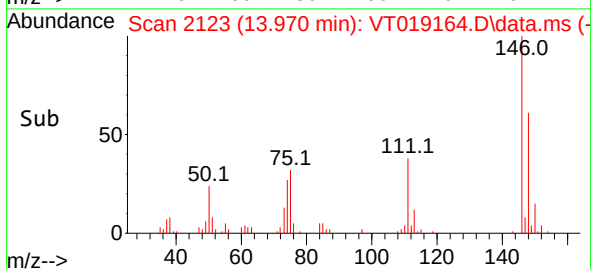
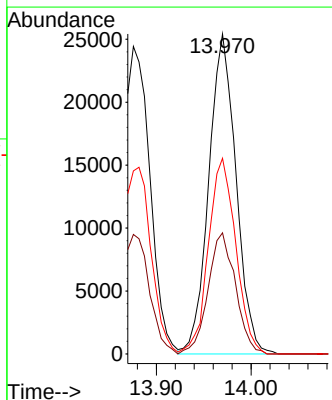
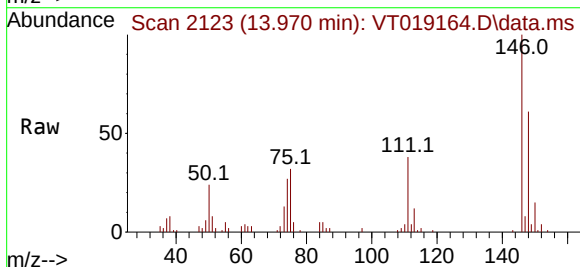
Manual Integrations
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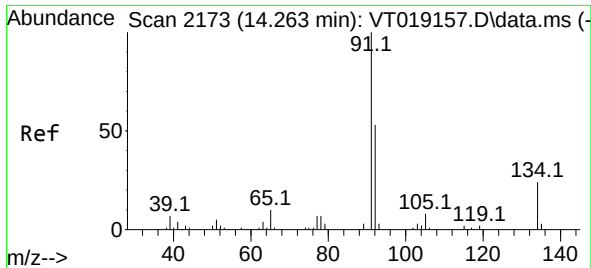
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,4-Dichlorobenzene
Concen: 18.780 ug/l
RT: 13.970 min Scan# 2123
Delta R.T. -0.011 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion:146 Resp: 50841
Ion Ratio Lower Upper
146 100
111 38.1 20.4 61.3
148 61.4 32.3 96.8





#85

n-Butylbenzene

Concen: 20.038 ug/l

RT: 14.246 min Scan# 2173

Delta R.T. -0.017 min

Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBS01

Tgt Ion: 91 Resp: 93394

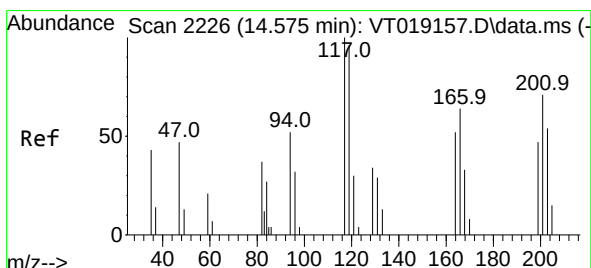
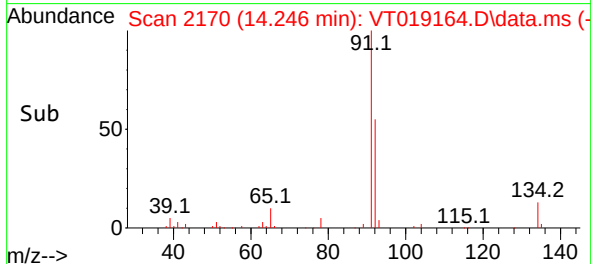
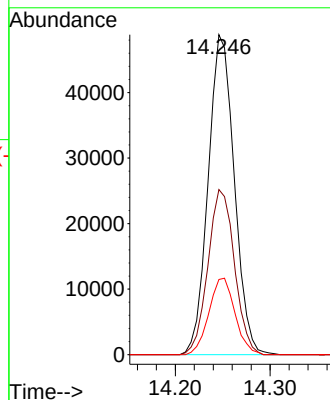
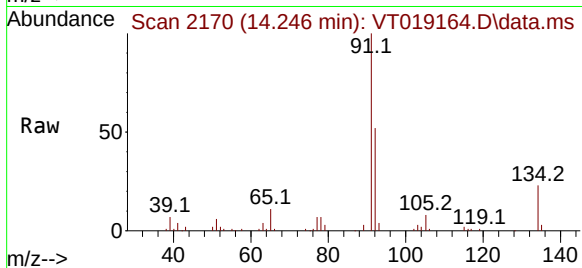
Ion	Ratio	Lower	Upper
91	100		
92	52.4	0.0	107.8
134	23.9	0.0	50.0

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#86

Hexachloroethane

Concen: 20.982 ug/l

RT: 14.557 min Scan# 2223

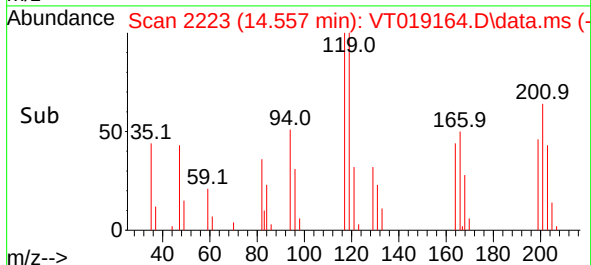
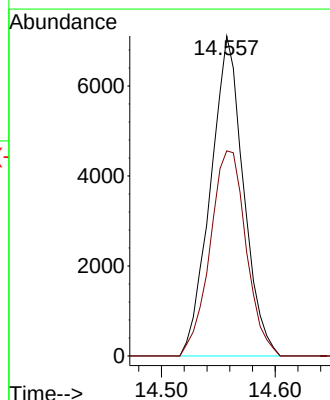
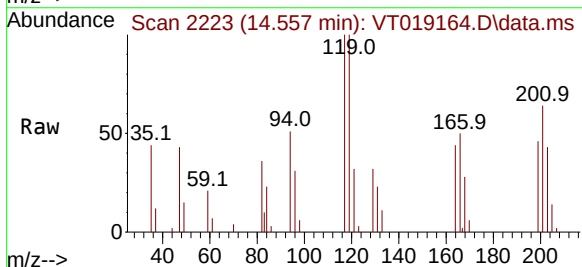
Delta R.T. -0.018 min

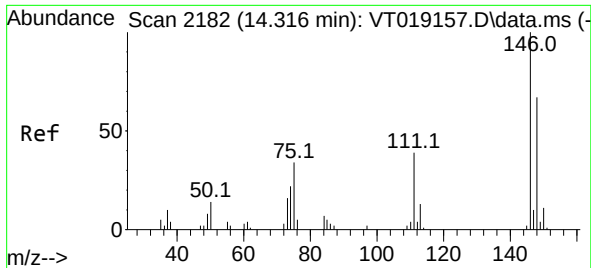
Lab File: VT019164.D

Acq: 23 Oct 2025 10:34

Tgt Ion:117 Resp: 14320

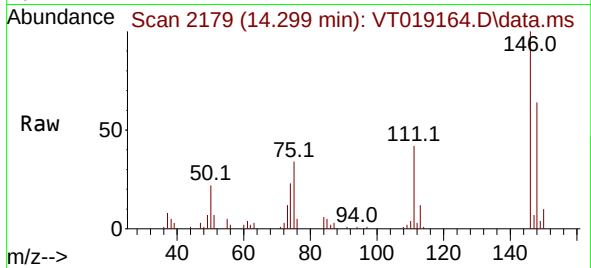
Ion	Ratio	Lower	Upper
117	100		
201	70.1	0.5	1.5#





#87
1,2-Dichlorobenzene
Concen: 18.597 ug/l
RT: 14.299 min Scan# 2182
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

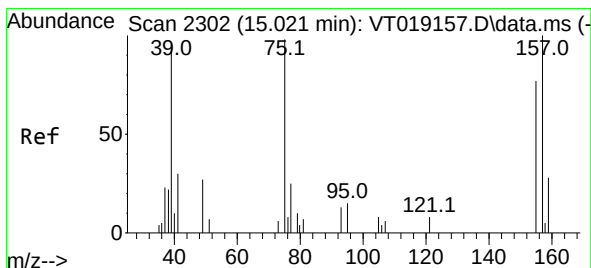
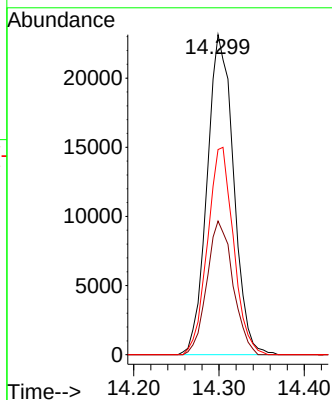
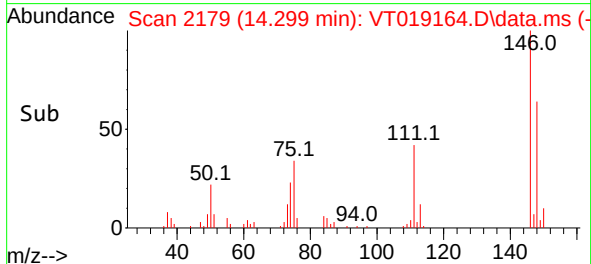
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



Tgt Ion:146 Resp: 49950
Ion Ratio Lower Upper
146 100
111 41.2 21.8 65.3
148 63.7 32.4 97.0

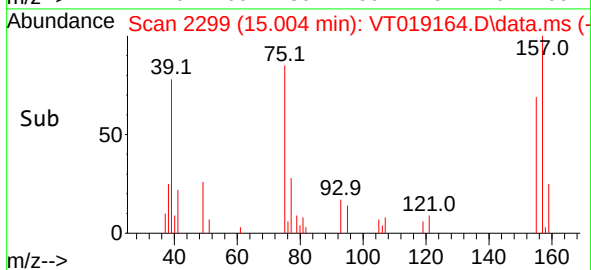
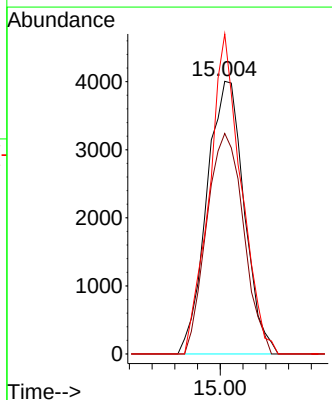
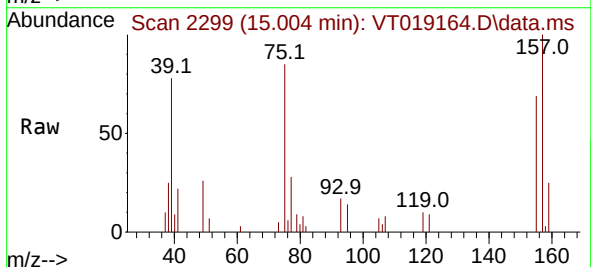
Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.171 ug/l
RT: 15.004 min Scan# 2299
Delta R.T. -0.017 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Tgt Ion: 75 Resp: 9133
Ion Ratio Lower Upper
75 100
155 79.9 65.4 98.2
157 100.4 82.0 123.0





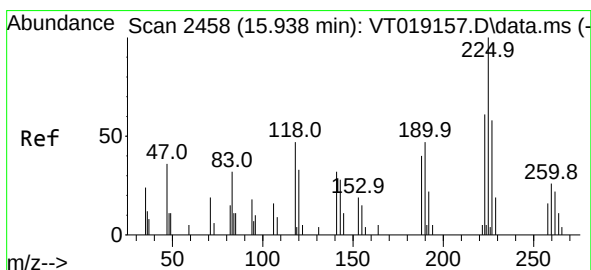
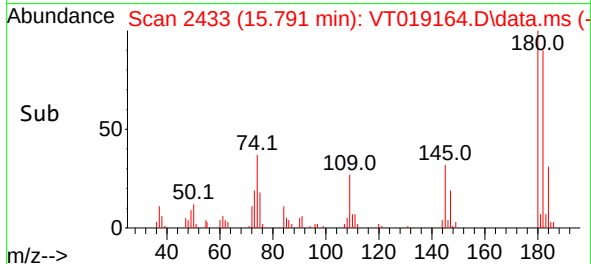
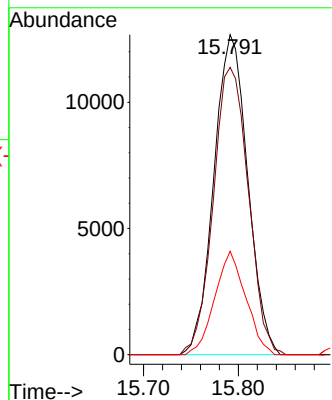
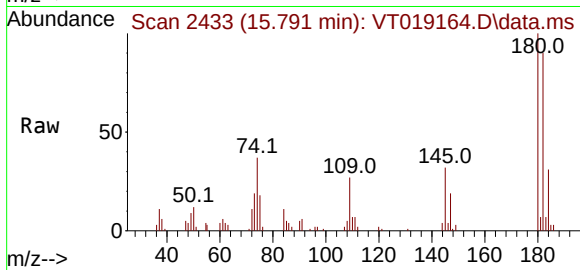
#89
1,2,4-Trichlorobenzene
Concen: 19.234 ug/l
RT: 15.791 min Scan# 2433
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01

Tgt Ion:180 Resp: 3145
Ion Ratio Lower Upper
180 100
182 92.8 78.2 117.2
145 29.7 26.5 39.7

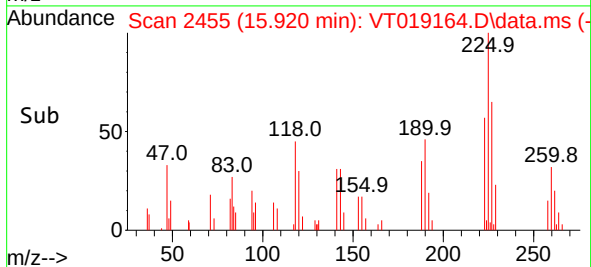
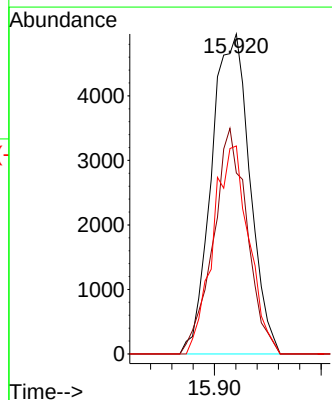
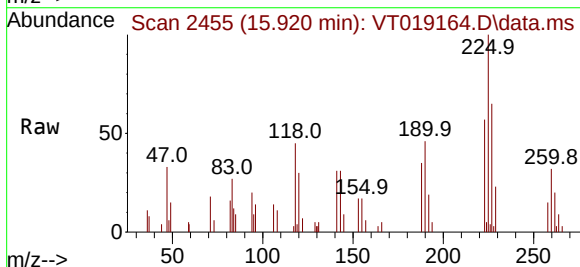
Manual Integrations
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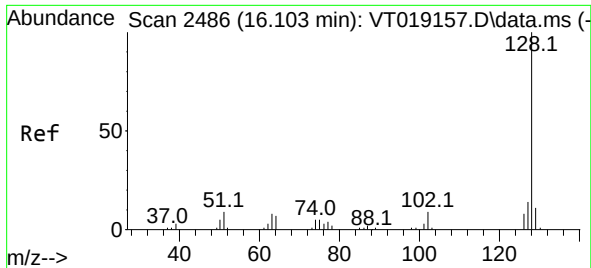
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachlorobutadiene
Concen: 22.802 ug/l
RT: 15.920 min Scan# 2455
Delta R.T. -0.018 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

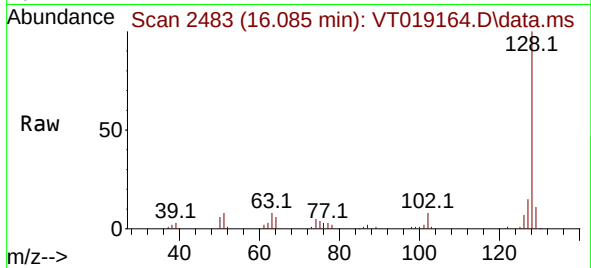
Tgt Ion:225 Resp: 12363
Ion Ratio Lower Upper
225 100
223 62.3 0.0 73.8
227 61.2 0.0 130.6





#91
Naphthalene
Concen: 18.537 ug/l
RT: 16.085 min Scan# 2486
Delta R.T. -0.012 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34

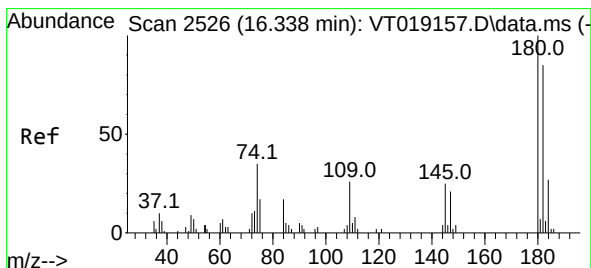
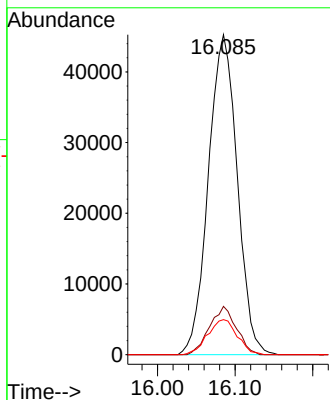
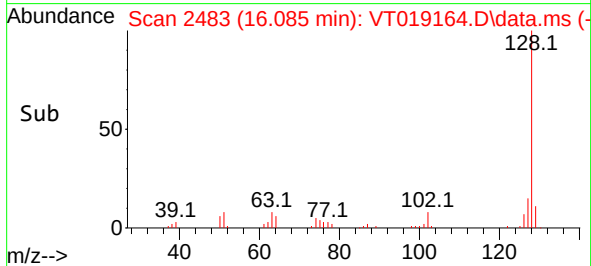
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBS01



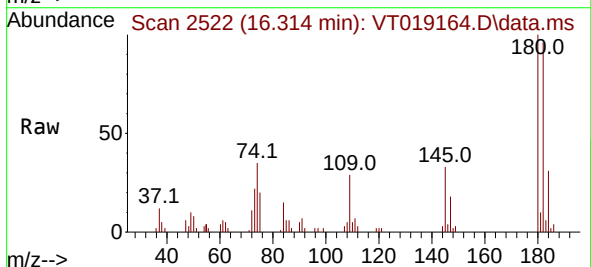
Tgt Ion:128 Resp: 117162
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 11.2 9.0 13.4

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: 18.680 ug/l
RT: 16.314 min Scan# 2522
Delta R.T. -0.024 min
Lab File: VT019164.D
Acq: 23 Oct 2025 10:34



Tgt Ion:180 Resp: 30833
Ion Ratio Lower Upper
180 100
182 96.1 0.0 189.0
145 32.0 0.0 69.2

