

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019159.D
 Acq On : 22 Oct 2025 15:23
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 24 05:13:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 05:09:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.083	128	23764	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.582	114	136571	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.755	117	117301	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.965	65	58582	28.138	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.800%		
60) 4-Bromofluorobenzene	12.889	95	56211	30.490	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.633%		
63) Toluene-d8	10.256	98	168658	29.541	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.467%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.878	85	56963	69.955	ug/l	98
3) Chloromethane	2.107	50	128257m	83.069	ug/l	
4) Vinyl Chloride	2.195	62	166503	95.236	ug/l	98
6) Chloroethane	2.647	64	142444	94.103	ug/l	96
7) Trichlorofluoromethane	2.965	101	260432	95.985	ug/l	99
8) Diethyl Ether	3.352	74	166357	99.580	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.676	101	91263	85.671	ug/l	98
10) 1,1-Dichloroethene	3.658	96	94469	88.524	ug/l	98
11) Methyl Iodide	3.858	142	132360	124.134	ug/l #	9
12) Methyl Acetate	4.222	43	441943	104.727	ug/l	99
13) Acrolein	3.535	56	56461	396.709	ug/l	96
14) Acrylonitrile	4.851	53	637490	490.111	ug/l	99
15) Acetone	3.746	58	191961	414.226	ug/l	99
16) Carbon Disulfide	3.958	76	179452	90.036	ug/l	99
17) Allyl chloride	4.216	41	260988	102.884	ug/l	94
18) Methylene Chloride	4.434	84	140744	88.429	ug/l	98
19) trans-1,2-Dichloroethene	6.696	96	161056	98.094	ug/l	99
20) Diisopropyl ether	5.808	45	633556	98.112	ug/l #	68
21) 1,1-Dichloroethane	5.697	63	280069	92.818	ug/l	98
22) cis-1,2-Dichloroethene	6.696	96	161056	98.094	ug/l	95
23) tert-Butyl Alcohol	4.686	59	262112	459.964	ug/l #	100
24) Methyl tert-Butyl Ether	4.909	73	626684	97.631	ug/l	99
25) Chloroform	7.266	83	262456	95.088	ug/l	96
26) Cyclohexane	7.565	56	156351	88.300	ug/l #	98
29) 1,1-Dichloropropene	7.712	75	145825	102.041	ug/l	96
30) 2-Butanone	6.707	43	891753	506.255	ug/l	99
31) 2,2-Dichloropropane	6.690	77	224491	107.292	ug/l	92
32) 1,1,1-Trichloroethane	7.477	97	187779	104.296	ug/l #	76
33) Carbon Tetrachloride	7.695	117	132692	115.026	ug/l #	99
34) Benzene	7.982	78	546284	103.180	ug/l #	93
35) Methacrylonitrile	7.060	41	144629	96.464	ug/l	97
36) 1,2-Dichloroethane	8.076	62	202207	103.022	ug/l	99
37) Trichloroethene	8.852	130	98023	100.639	ug/l	93
38) Methylcyclohexane	9.122	83	140219	97.434	ug/l	97
39) 1,2-Dichloropropane	9.163	63	140612	101.404	ug/l #	87
40) Dibromomethane	9.263	93	94027	109.973	ug/l #	75
41) Bromodichloromethane	10.791	83	113285	103.151	ug/l #	92
42) Vinyl Acetate	5.750	43	2399250	555.160	ug/l	99
43) Ethyl Acetate	6.807	43	316160	109.187	ug/l	96

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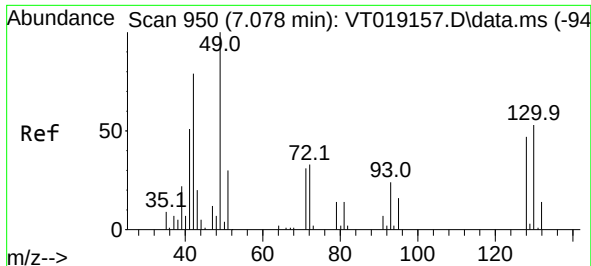
Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:13:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.123	43	478203	104.933	ug/l	100
45) 1,4-Dioxane	9.269	88	80583	2038.236	ug/l #	76
46) Methyl methacrylate	9.257	41	226929	111.366	ug/l	83
47) n-amyl Acetate	12.501	43	334580	109.101	ug/l	99
48) t-1,3-Dichloropropene	10.585	75	216752	108.771	ug/l	100
49) cis-1,3-Dichloropropene	9.974	75	224029	107.020	ug/l	97
50) 1,1,2-Trichloroethane	10.791	97	128624	102.282	ug/l #	84
51) Ethyl methacrylate	10.644	69	259021	109.908	ug/l	96
52) 1,3-Dichloropropane	10.955	76	228005	101.512	ug/l	99
53) Dibromochloromethane	11.185	129	131010m	111.622	ug/l	
54) 1,2-Dibromoethane	11.296	107	121384	103.779	ug/l	99
55) 2-Chloroethyl vinyl ether	9.816	63	381947	555.680	ug/l	98
56) Bromoform	12.577	173	95128	123.356	ug/l #	18
58) 4-Methyl-2-Pentanone	10.139	43	1582437	550.866	ug/l	97
59) 2-Hexanone	10.139	43	1582437	550.866	ug/l #	83
61) Tetrachloroethene	10.873	164	72049	97.175	ug/l	96
62) Toluene	10.333	91	532822	101.413	ug/l	100
64) Chlorobenzene	11.784	112	322205	100.401	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.872	131	115126	110.132	ug/l	92
66) Ethyl Benzene	11.872	91	595550	104.299	ug/l	97
67) m/p-Xylenes	12.001	106	447682	210.909	ug/l	97
68) o-Xylene	12.371	106	228356	104.226	ug/l	97
69) Styrene	12.389	104	419495	106.645	ug/l	97
70) Isopropylbenzene	12.712	105	545540	101.513	ug/l	100
71) 1,1,2,2-Tetrachloroethane	13.006	83	211462	100.285	ug/l	98
72) 1,2,3-Trichloropropane	13.059	75	164257m	98.835	ug/l	
73) Bromobenzene	13.035	156	126819	100.351	ug/l	59
74) n-propylbenzene	13.106	91	647440	99.910	ug/l	98
75) 2-Chlorotoluene	13.312	91	408247	102.909	ug/l	98
76) 1,3,5-Trimethylbenzene	13.259	105	450807	102.248	ug/l	96
77) t-1,4-Dichloro-2-butene	12.771	75	88420	116.923	ug/l	87
78) 4-Chlorotoluene	13.200	91	396935	101.433	ug/l	94
79) tert-butylbenzene	13.558	119	388585	99.237	ug/l	93
80) 1,2,4-Trimethylbenzene	13.611	105	478501	104.020	ug/l	97
81) sec-Butylbenzene	13.764	105	560815	99.397	ug/l	100
82) p-Isopropyltoluene	13.893	119	493452	105.126	ug/l	97
83) 1,3-Dichlorobenzene	13.893	146	260059	104.930	ug/l	99
84) 1,4-Dichlorobenzene	13.987	146	252128	101.040	ug/l	98
85) n-Butylbenzene	14.263	91	443060	103.135	ug/l	98
86) Hexachloroethane	14.569	117	77804	123.685	ug/l #	1
87) 1,2-Dichlorobenzene	14.316	146	248793	100.485	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	15.021	75	48490	104.671	ug/l	99
89) 1,2,4-Trichlorobenzene	15.809	180	155964	103.476	ug/l	96
90) Hexachlorobutadiene	15.932	225	48314	96.676	ug/l	82
91) Naphthalene	16.102	128	603762	103.635	ug/l	98
92) 1,2,3-Trichlorobenzene	16.337	180	156115	102.615	ug/l	99

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



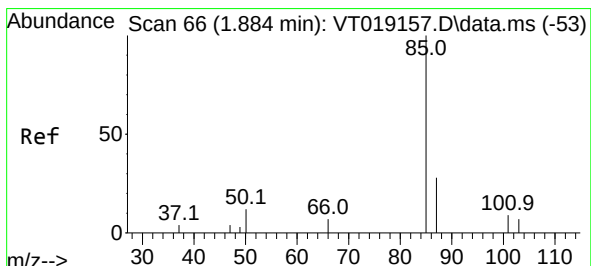
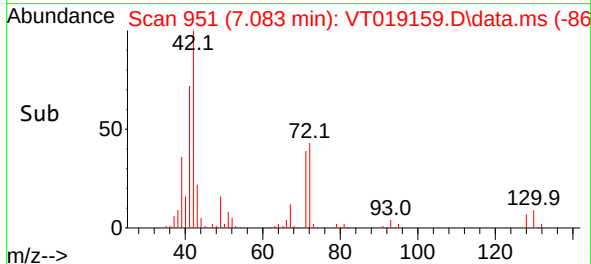
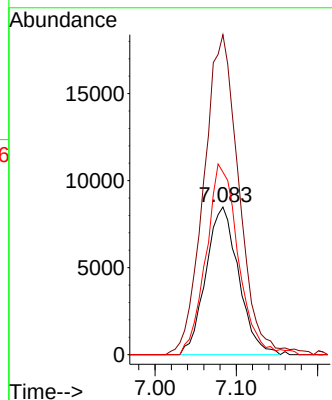
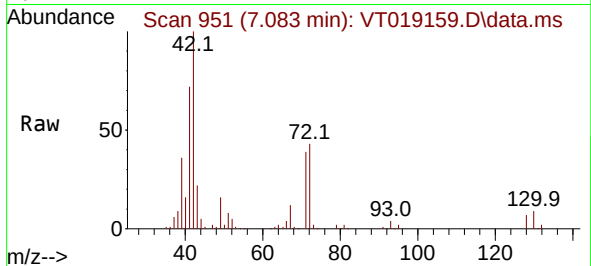
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.083 min Scan# 91
Delta R.T. 0.005 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 23764
Ion Ratio Lower Upper
128 100
49 229.9 0.0 0.0
130 126.1 0.0 0.0

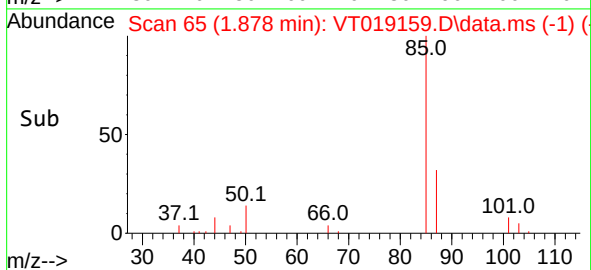
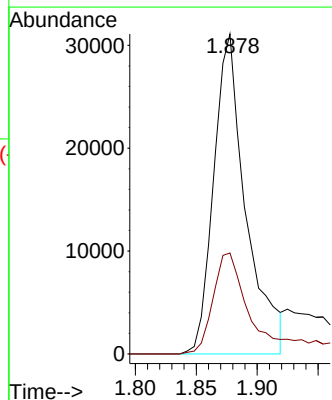
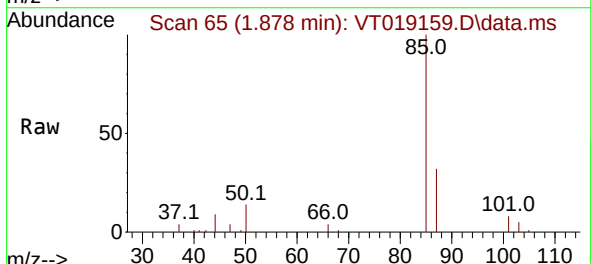
Manual Integrations
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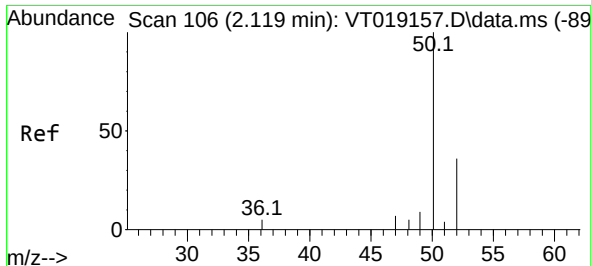
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 69.955 ug/l
RT: 1.878 min Scan# 65
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

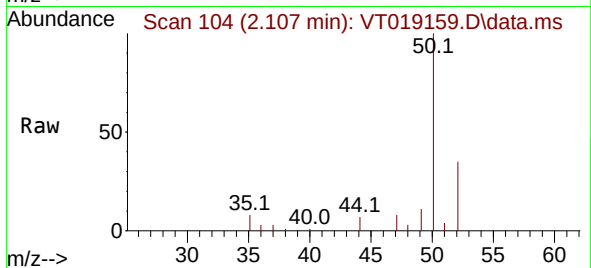
Tgt Ion: 85 Resp: 56963
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





#3
Chloromethane
Concen: 83.069 ug/l m
RT: 2.107 min Scan# 104
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

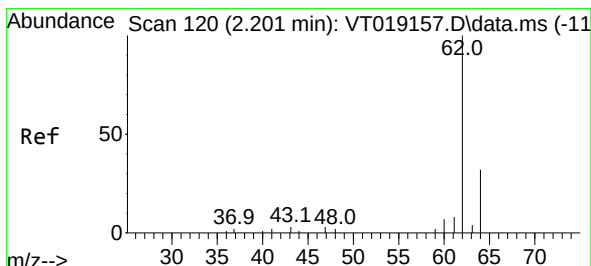
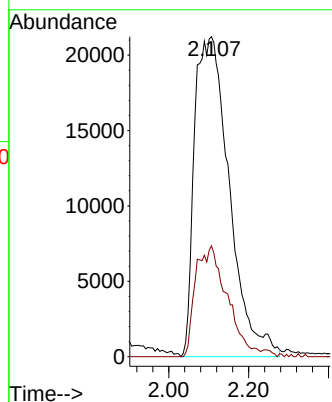
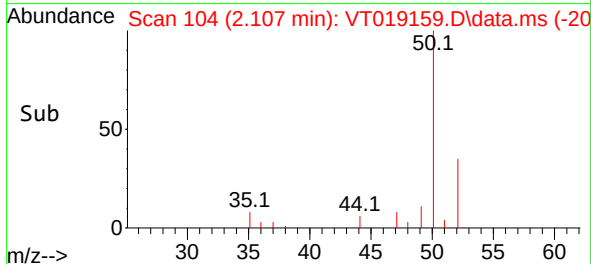
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 12825
Ion Ratio Lower Upper
50 100
52 34.7 24.4 36.6

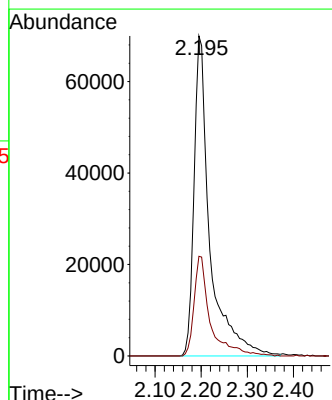
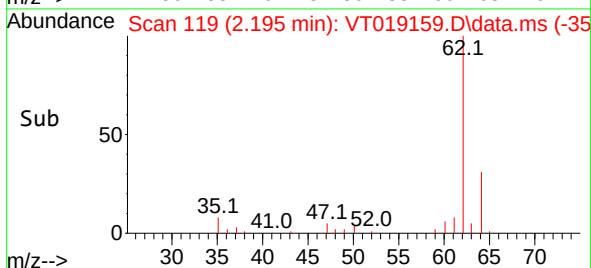
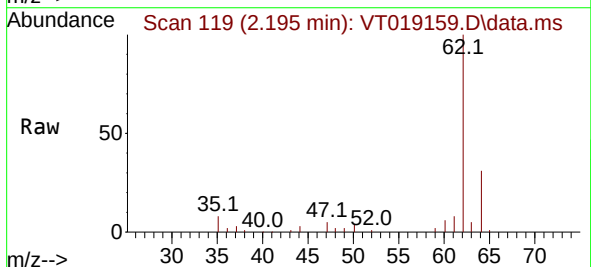
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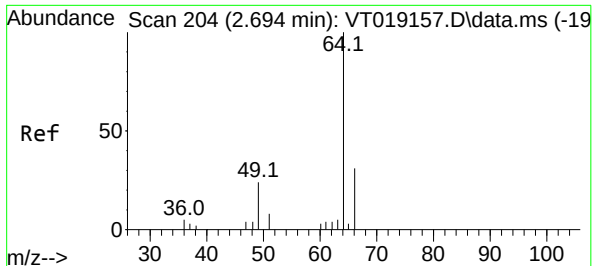
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 95.236 ug/l
RT: 2.195 min Scan# 119
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 62 Resp: 166503
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5





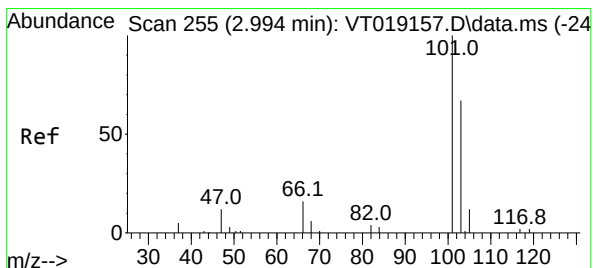
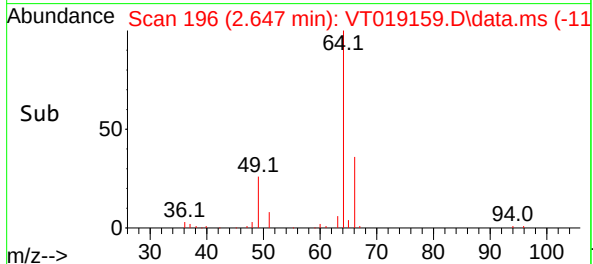
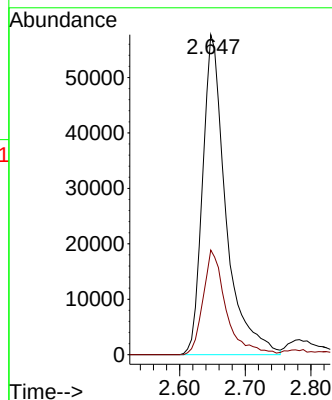
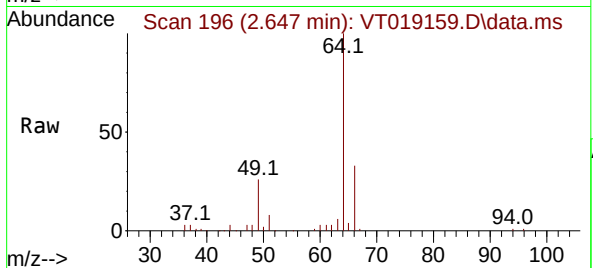
#6
Chloroethane
Concen: 94.103 ug/l
RT: 2.647 min Scan# 196
Delta R.T. -0.030 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 64 Resp: 142444
Ion Ratio Lower Upper
64 100
66 32.7 24.3 36.5

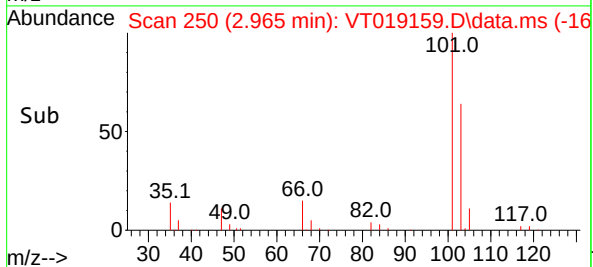
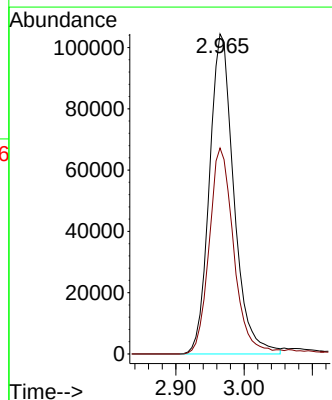
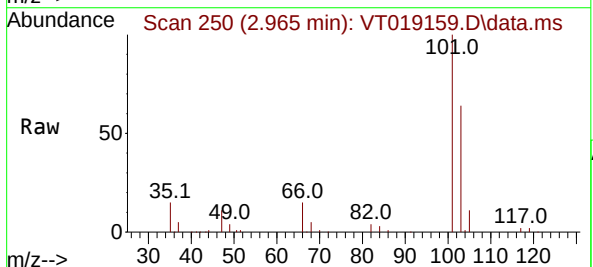
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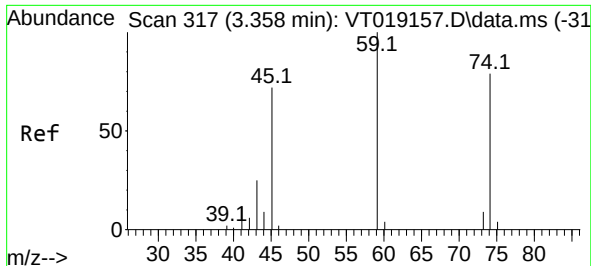
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#7
Trichlorofluoromethane
Concen: 95.985 ug/l
RT: 2.965 min Scan# 250
Delta R.T. -0.017 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:101 Resp: 260432
Ion Ratio Lower Upper
101 100
103 64.3 52.4 78.6





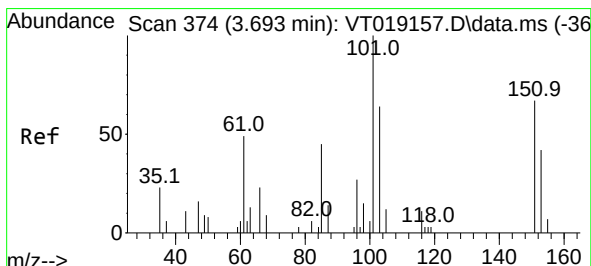
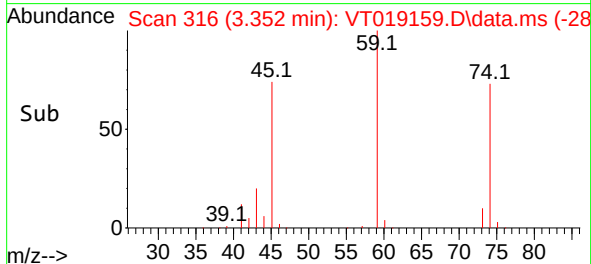
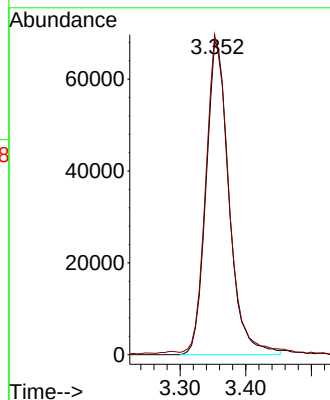
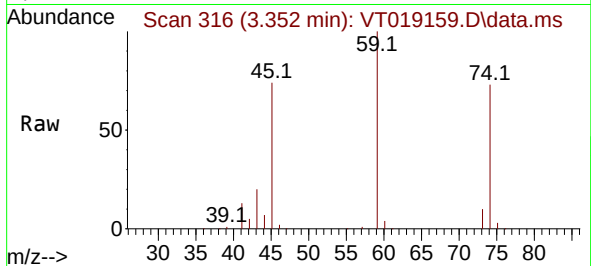
#8
Diethyl Ether
Concen: 99.580 ug/l
RT: 3.352 min Scan# 317
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 74 Resp: 16635
Ion Ratio Lower Upper
74 100
45 101.6 22.0 197.6

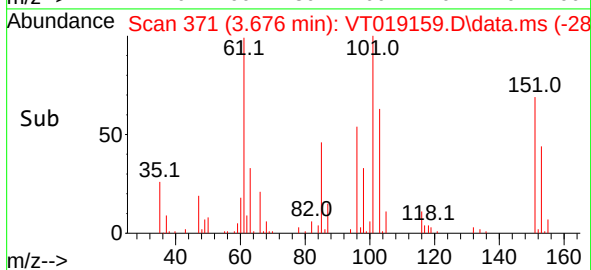
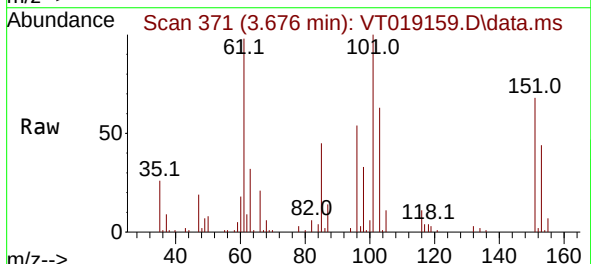
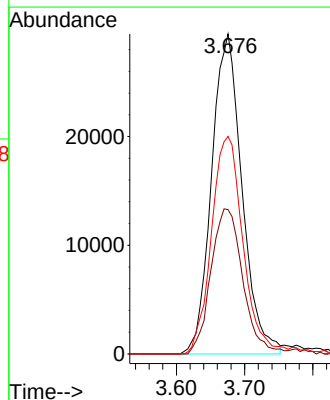
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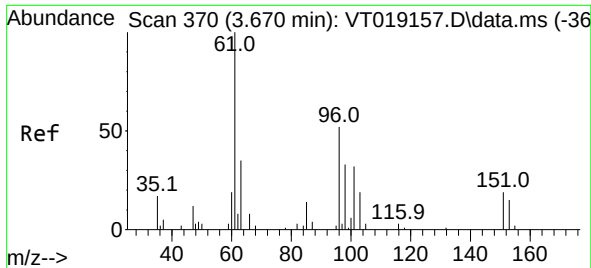
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.671 ug/l
RT: 3.676 min Scan# 371
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:101 Resp: 91263
Ion Ratio Lower Upper
101 100
85 47.4 0.0 91.8
151 70.6 0.0 137.2





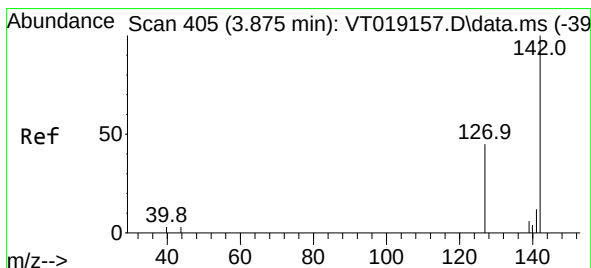
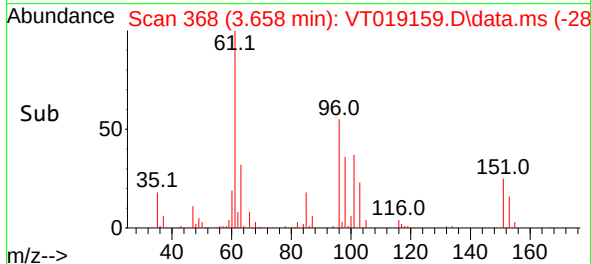
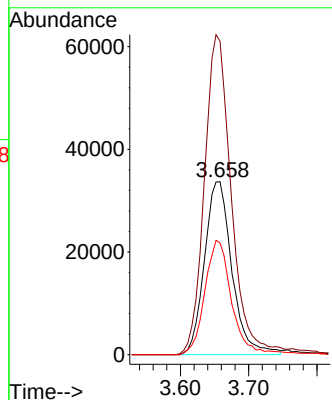
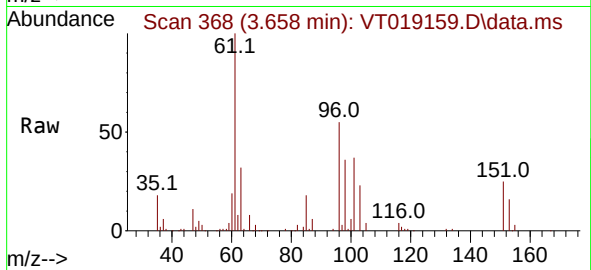
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1,1-Dichloroethene
Concen: 88.524 ug/l
RT: 3.658 min Scan# 30
Delta R.T. -0.012 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 94469
Ion Ratio Lower Upper
96 100
61 180.5 145.5 218.3
98 64.6 49.5 74.3

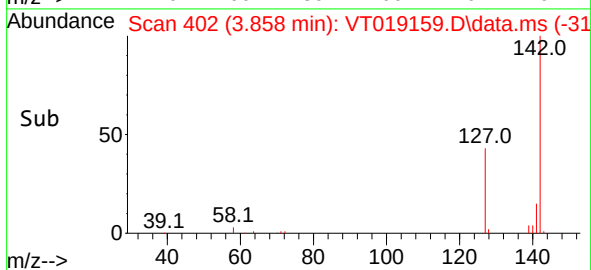
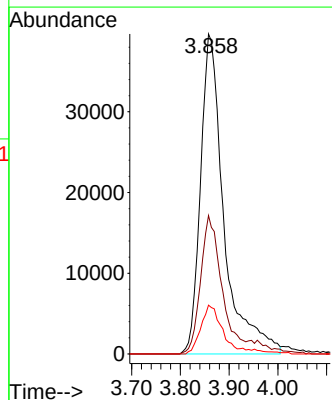
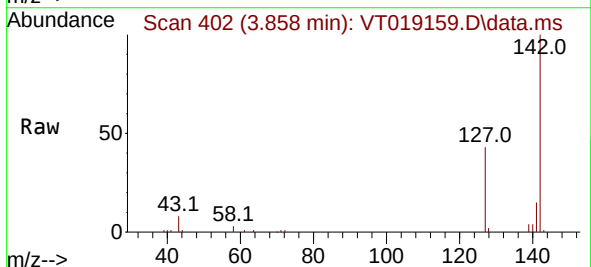
Manual Integrations
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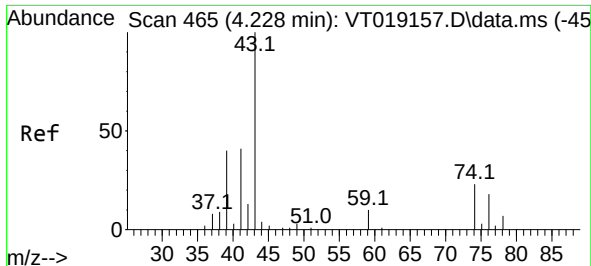
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#11
Methyl Iodide
Concen: 124.134 ug/l
RT: 3.858 min Scan# 402
Delta R.T. -0.012 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

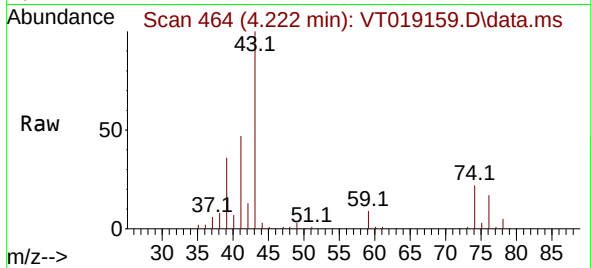
Tgt Ion:142 Resp: 132360
Ion Ratio Lower Upper
142 100
127 43.0 0.9 2.8#
141 15.2 55.5 166.5#





#12
Methyl Acetate
Concen: 104.727 ug/l
RT: 4.222 min Scan# 41
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

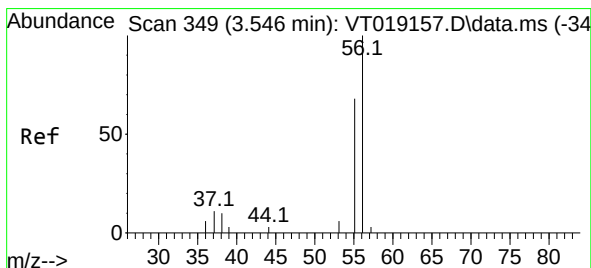
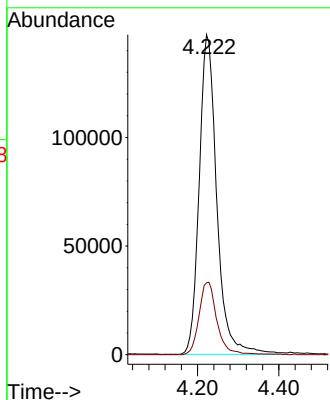
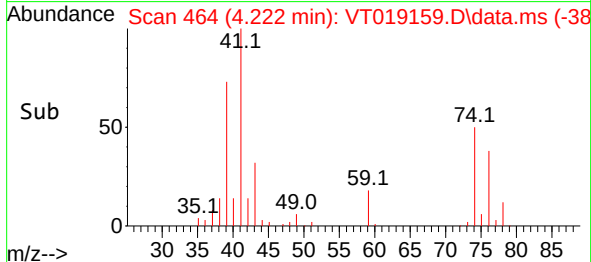
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 44194
Ion Ratio Lower Upper
43 100
74 22.5 18.4 27.6

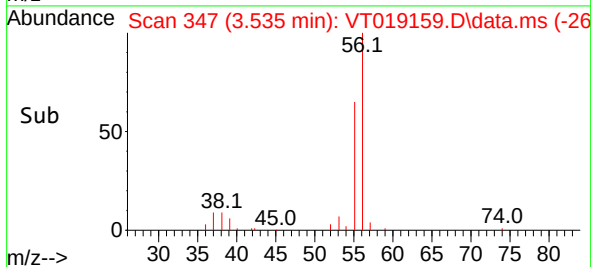
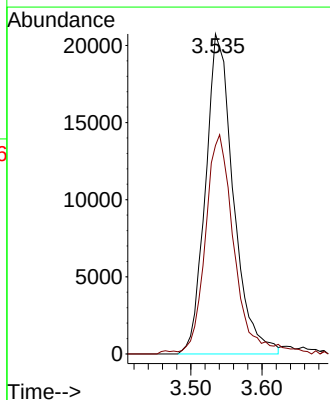
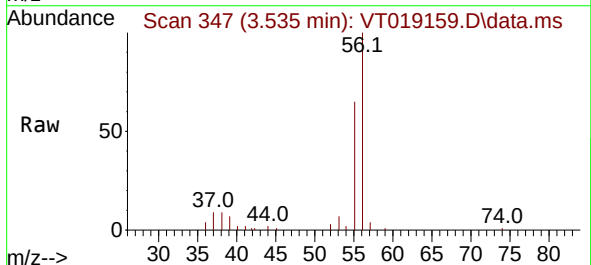
Manual Integrations
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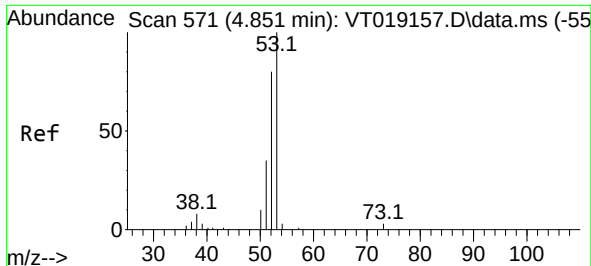
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#13
Acrolein
Concen: 396.709 ug/l
RT: 3.535 min Scan# 347
Delta R.T. -0.011 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

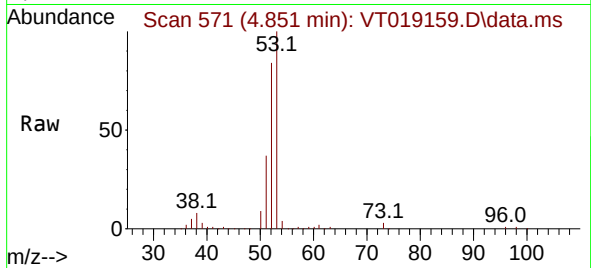
Tgt Ion: 56 Resp: 56461
Ion Ratio Lower Upper
56 100
55 67.6 56.8 85.2





#14
Acrylonitrile
Concen: 490.111 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

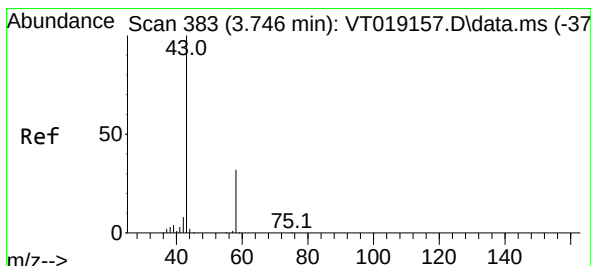
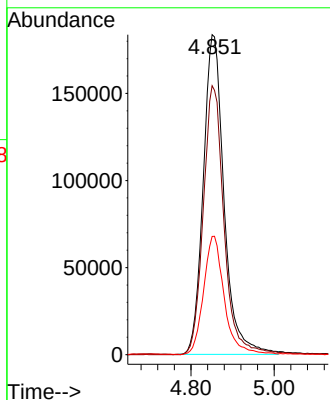
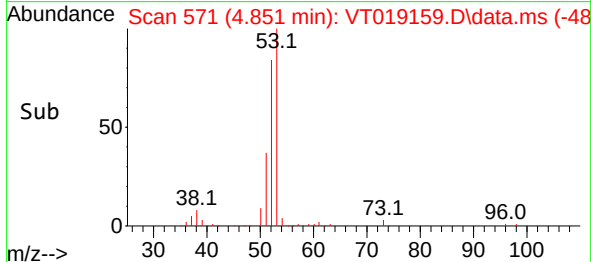
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion: 53 Resp: 637490
Ion Ratio Lower Upper
53 100
52 82.4 41.3 123.7
51 36.9 17.2 51.5

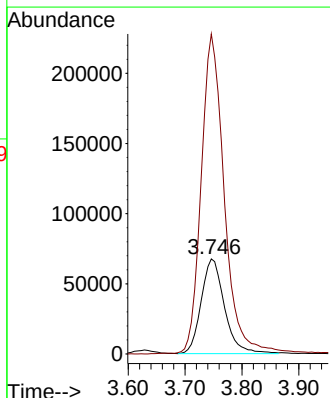
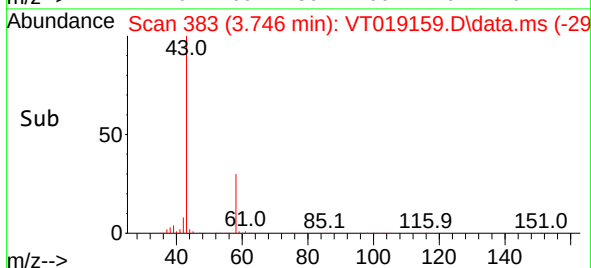
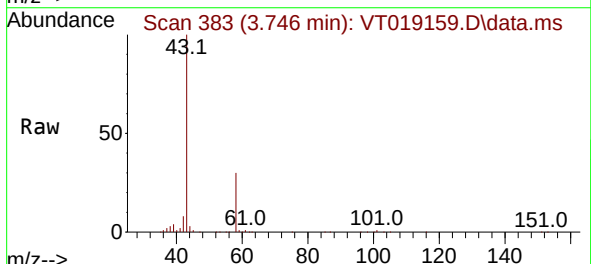
Manual Integrations
APPROVED

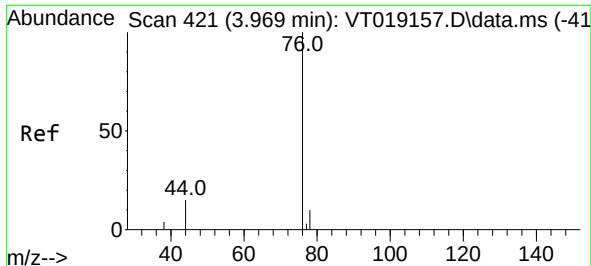
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#15
Acetone
Concen: 414.226 ug/l
RT: 3.746 min Scan# 383
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 58 Resp: 191961
Ion Ratio Lower Upper
58 100
43 336.2 266.9 400.3





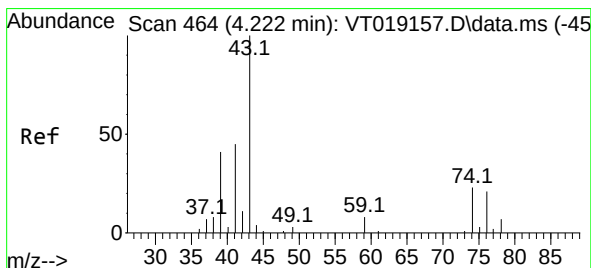
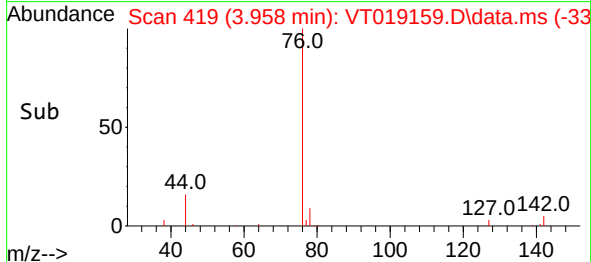
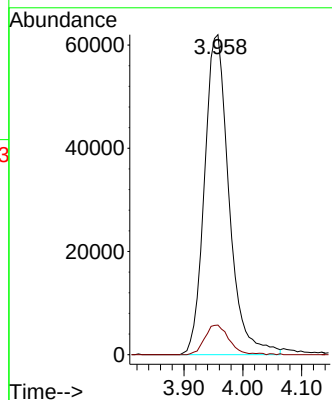
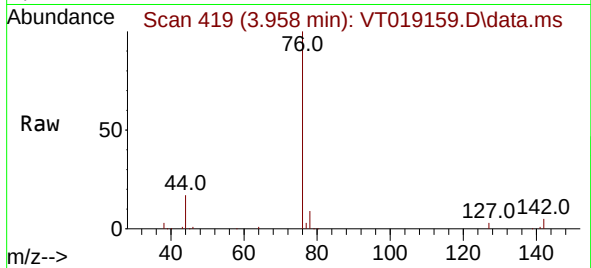
#16
Carbon Disulfide
Concen: 90.036 ug/l
RT: 3.958 min Scan# 41
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 17945
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

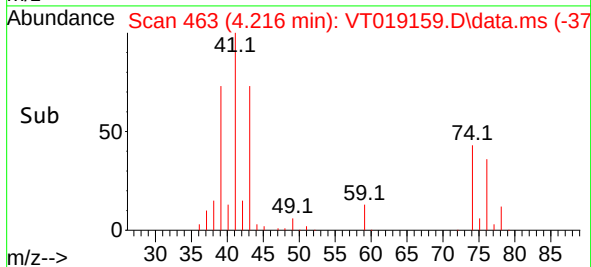
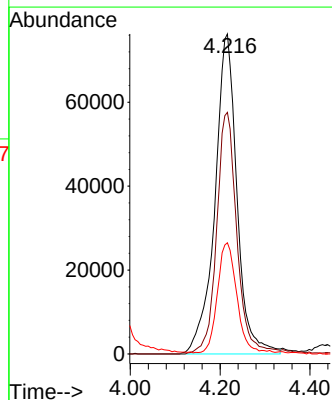
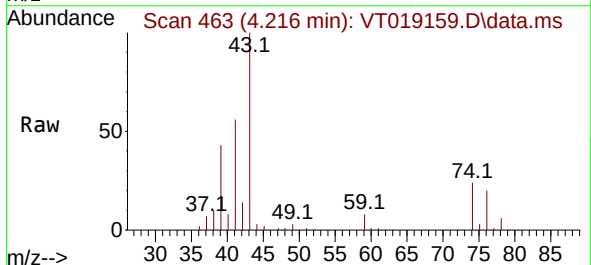
Manual Integrations
APPROVED

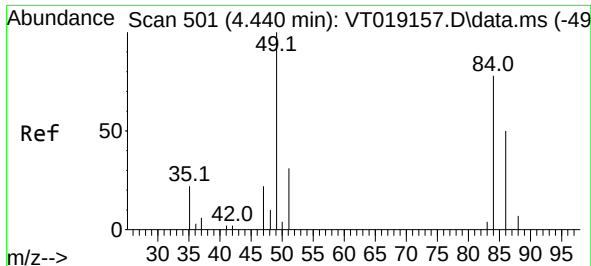
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#17
Allyl chloride
Concen: 102.884 ug/l
RT: 4.216 min Scan# 463
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

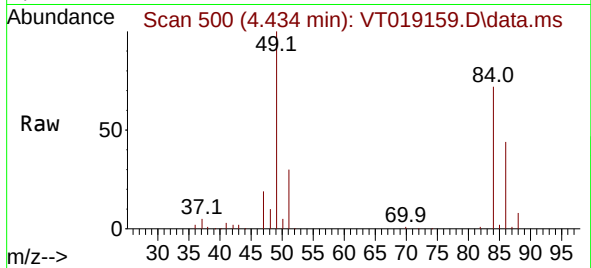
Tgt Ion: 41 Resp: 260988
Ion Ratio Lower Upper
41 100
39 75.5 34.3 102.8
76 34.1 16.7 50.0





#18
Methylene Chloride
Concen: 88.429 ug/l
RT: 4.434 min Scan# 501
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

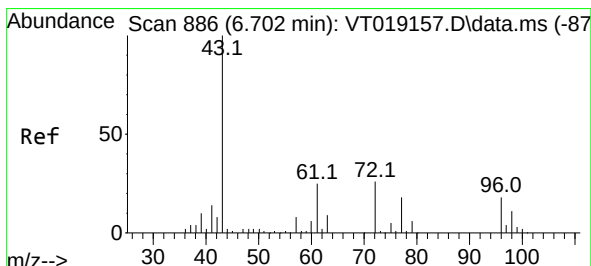
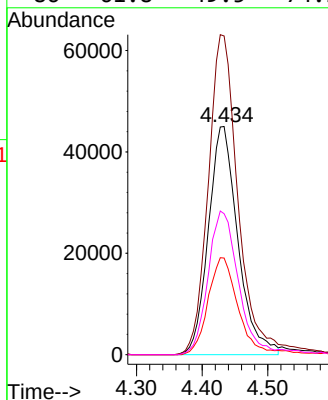
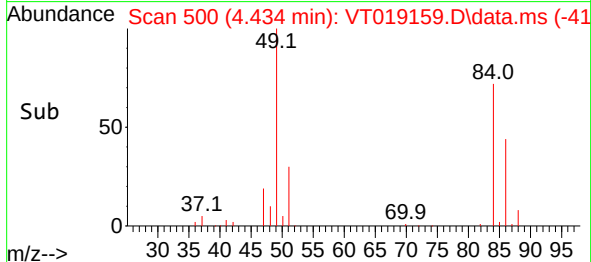
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



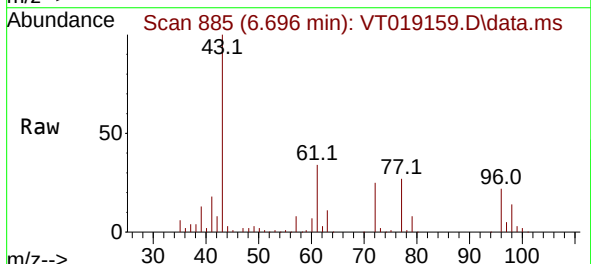
Tgt Ion: 84 Resp: 140744
Ion Ratio Lower Upper
84 100
49 139.3 107.9 161.9
51 42.3 33.4 50.2
86 61.8 49.5 74.3

Manual Integrations
APPROVED

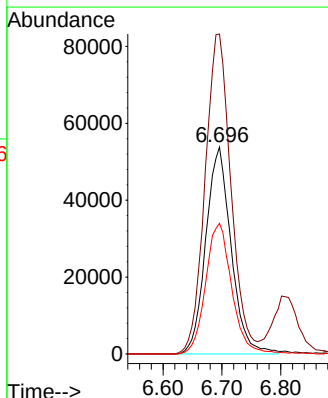
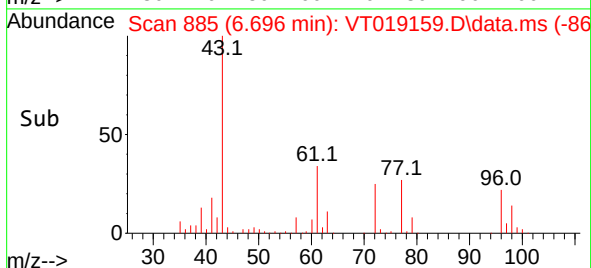
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

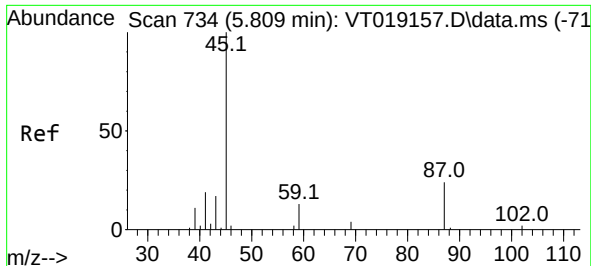


#19
trans-1,2-Dichloroethene
Concen: 98.094 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



Tgt Ion: 96 Resp: 161056
Ion Ratio Lower Upper
96 100
61 154.2 122.3 183.5
98 63.1 50.2 75.2





#20

Diisopropyl ether

Concen: 98.112 ug/l

RT: 5.808 min Scan# 715

Delta R.T. 0.005 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion: 45 Resp: 633550

Ion Ratio Lower Upper

45 100

43 66.6 89.1 133.7

87 24.8 21.3 31.9

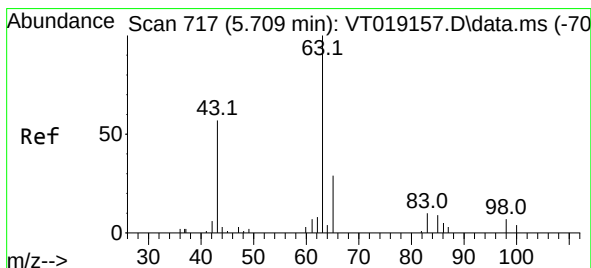
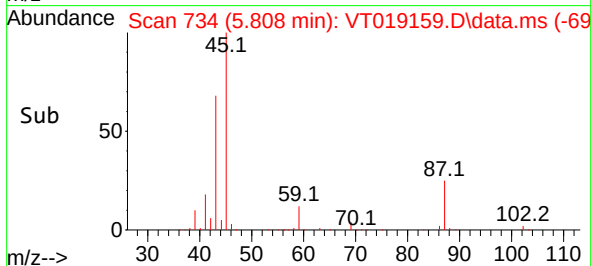
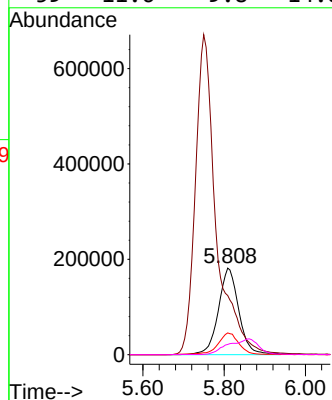
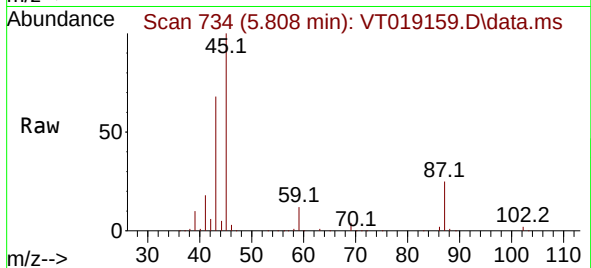
59 11.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#21

1,1-Dichloroethane

Concen: 92.818 ug/l

RT: 5.697 min Scan# 715

Delta R.T. -0.012 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

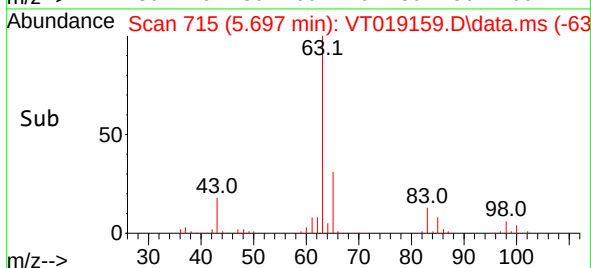
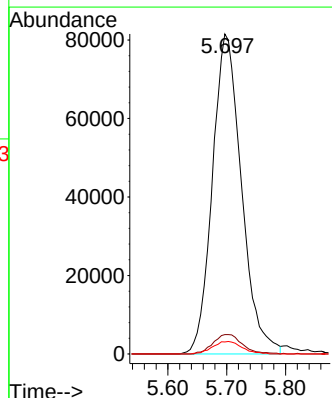
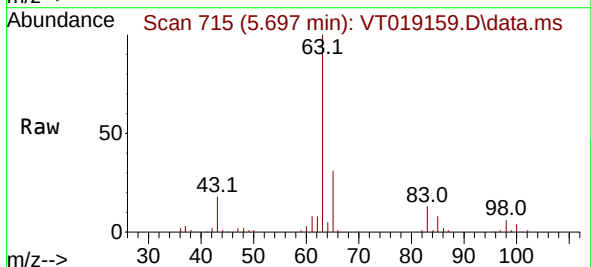
Tgt Ion: 63 Resp: 280069

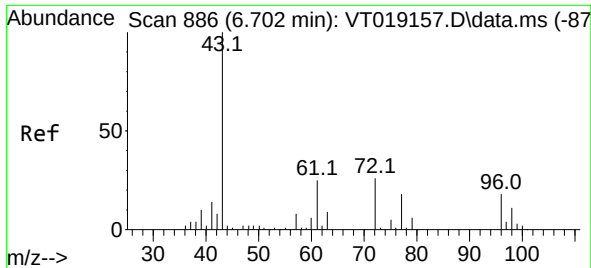
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

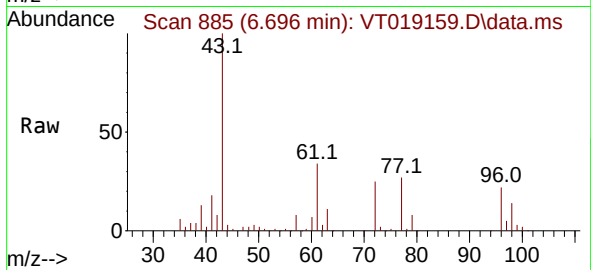
100 3.7 2.2 6.6





#22
 cis-1,2-Dichloroethene
 Concen: 98.094 ug/l
 RT: 6.696 min Scan# 886
 Delta R.T. 0.006 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

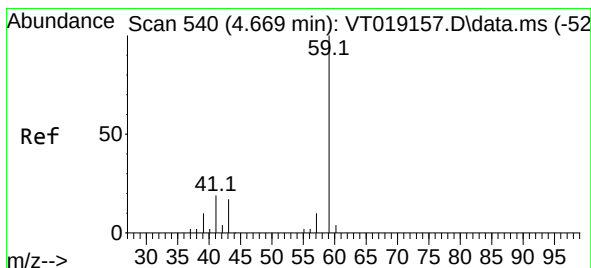
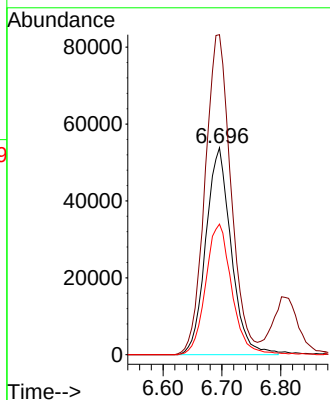
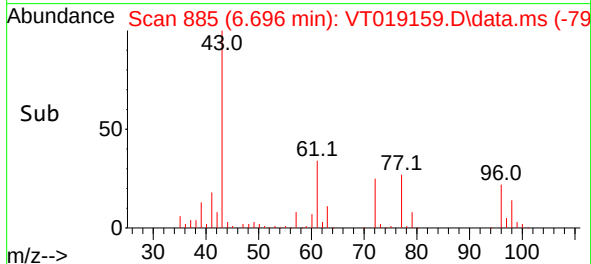
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 161056
 Ion Ratio Lower Upper
 96 100
 61 157.9 120.0 180.0
 98 64.9 52.8 79.2

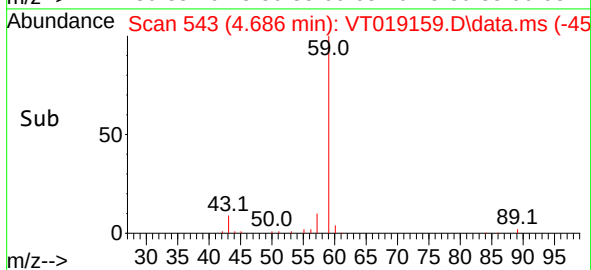
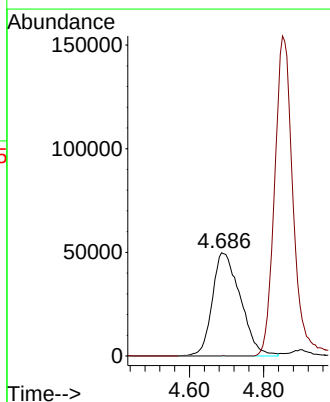
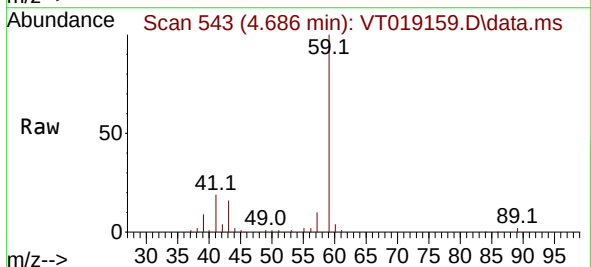
Manual Integrations
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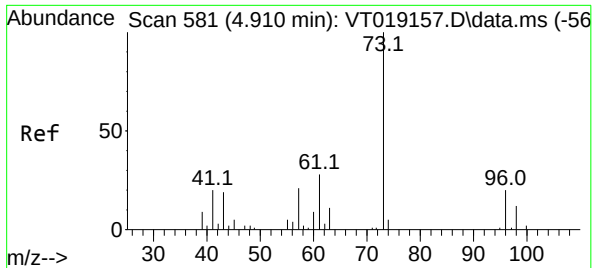
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#23
 tert-Butyl Alcohol
 Concen: 459.964 ug/l
 RT: 4.686 min Scan# 543
 Delta R.T. 0.011 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

Tgt Ion: 59 Resp: 262112
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#





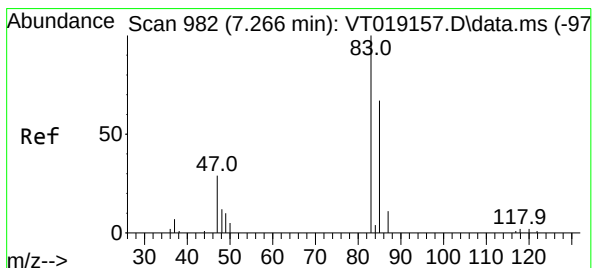
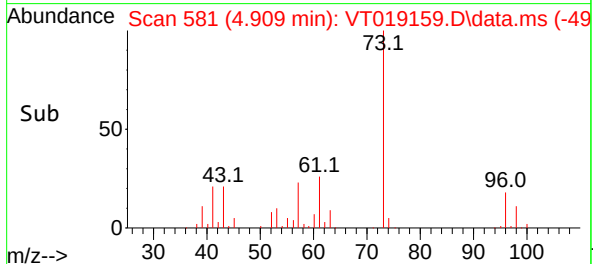
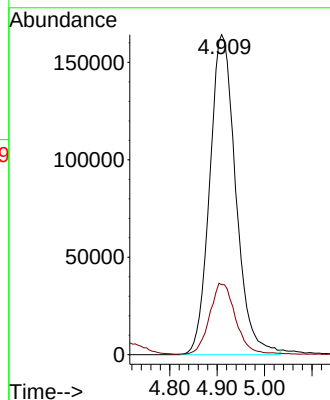
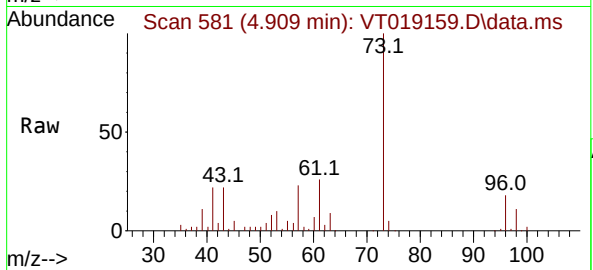
#24
Methyl tert-Butyl Ether
Concen: 97.631 ug/l
RT: 4.909 min Scan# 581
Delta R.T. -0.012 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 626684
Ion Ratio Lower Upper
73 100
43 21.8 16.9 25.3

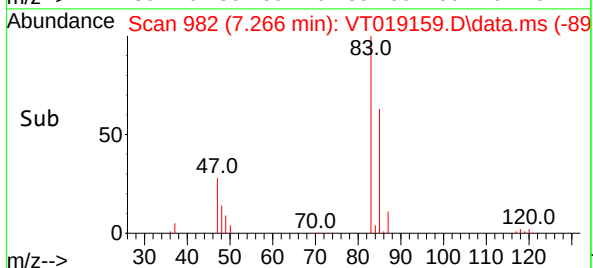
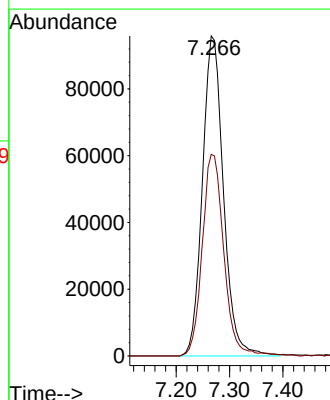
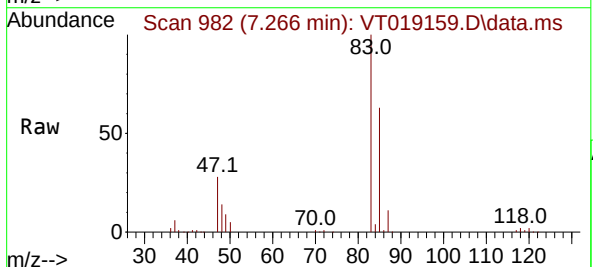
Manual Integrations
APPROVED

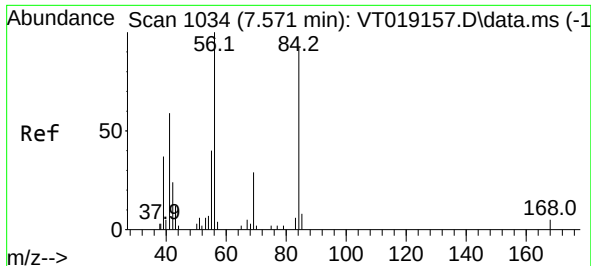
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#25
Chloroform
Concen: 95.088 ug/l
RT: 7.266 min Scan# 982
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

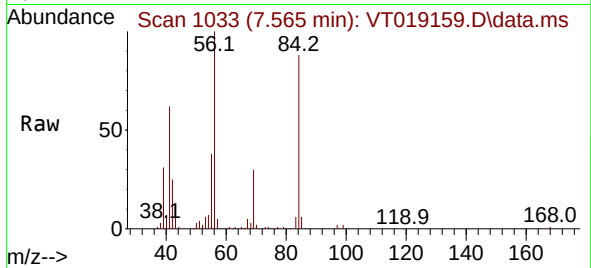
Tgt Ion: 83 Resp: 262456
Ion Ratio Lower Upper
83 100
85 63.0 48.0 72.0





#26
Cyclohexane
Concen: 88.300 ug/l
RT: 7.565 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

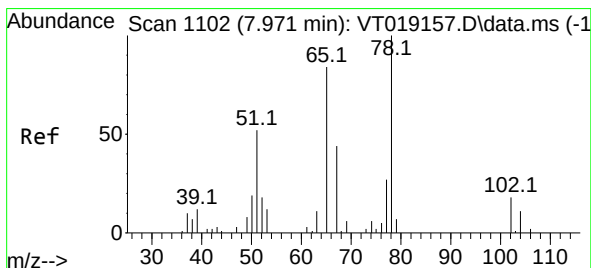
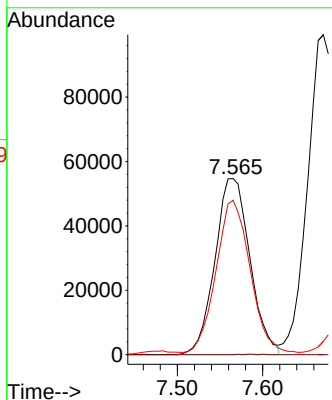
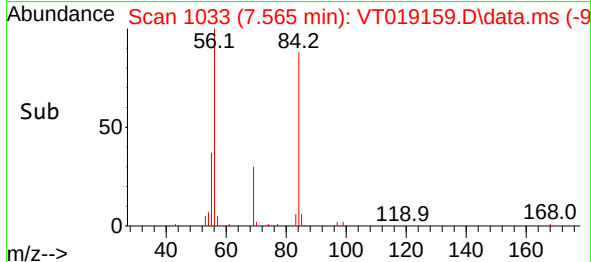
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 15635
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.8 67.9 101.9

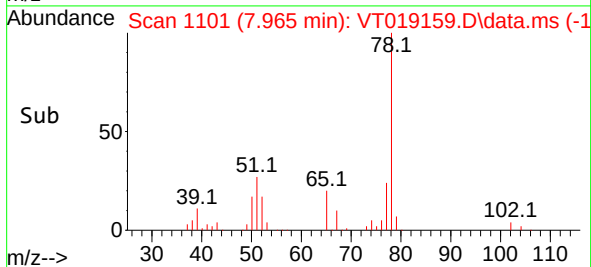
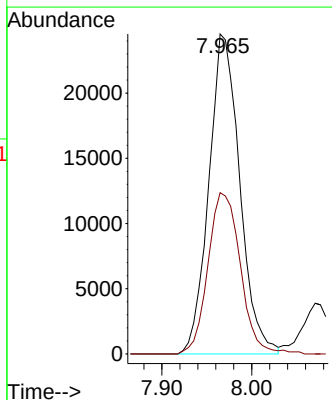
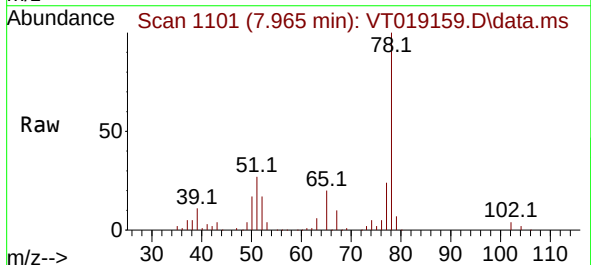
Manual Integrations
APPROVED

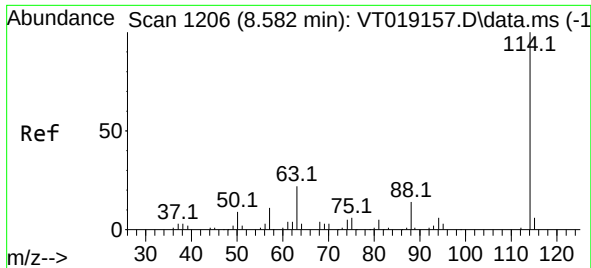
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#27
1,2-Dichloroethane-d4
Concen: 28.138 ug/l
RT: 7.965 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 65 Resp: 58582
Ion Ratio Lower Upper
65 100
67 52.5 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.582 min Scan# 1

Delta R.T. 0.006 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion:114 Resp: 13657

Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

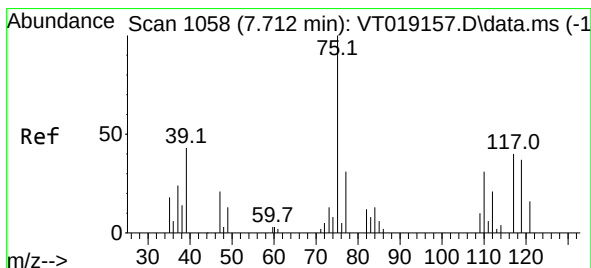
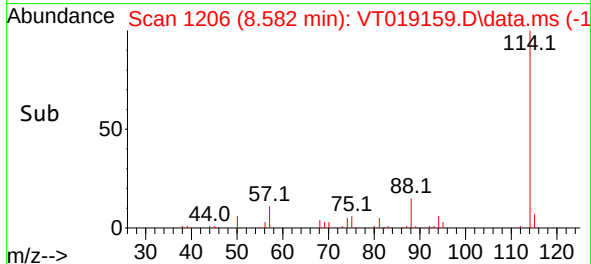
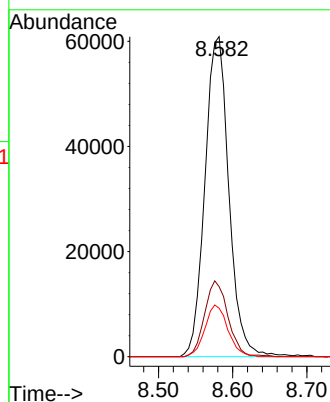
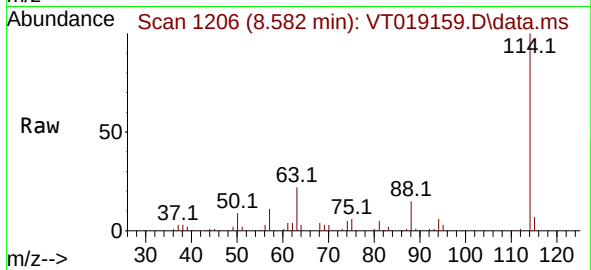
88 15.5 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#29

1,1-Dichloropropene

Concen: 102.041 ug/l

RT: 7.712 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

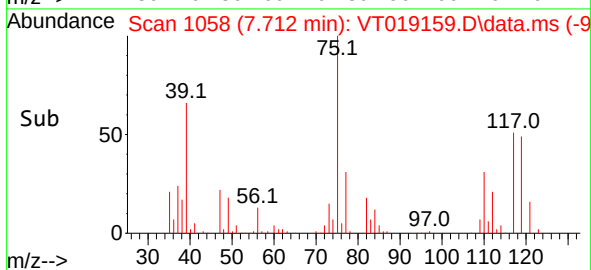
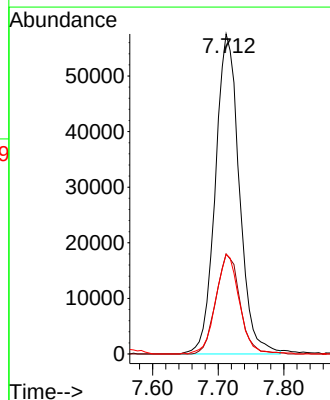
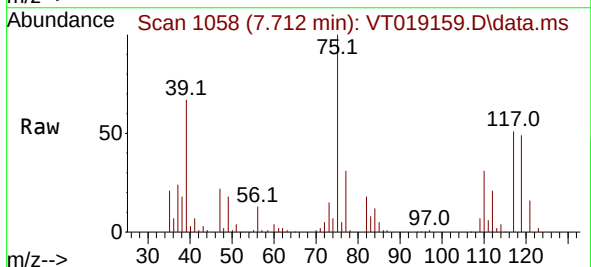
Tgt Ion: 75 Resp: 145825

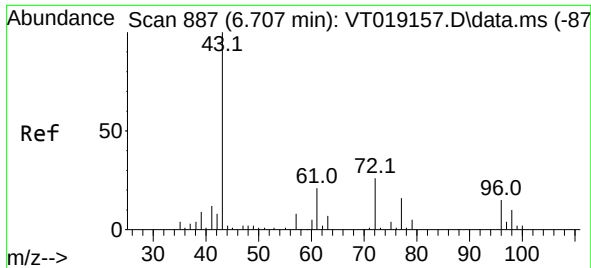
Ion Ratio Lower Upper

75 100

110 31.2 0.0 70.8

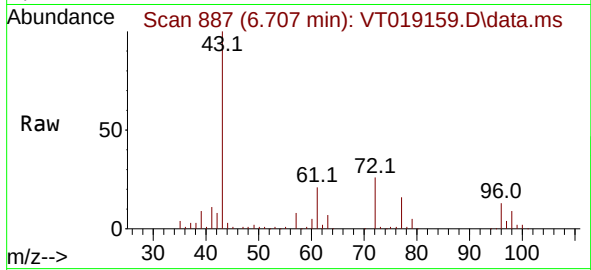
77 30.8 0.0 61.6





#30
2-Butanone
Concen: 506.255 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.005 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

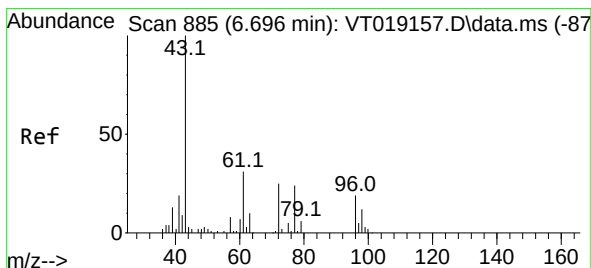
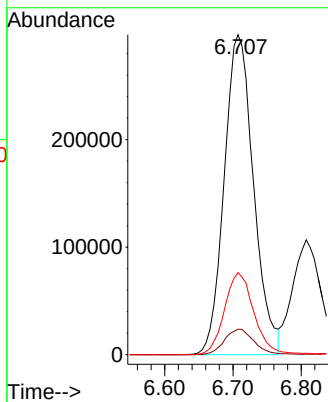
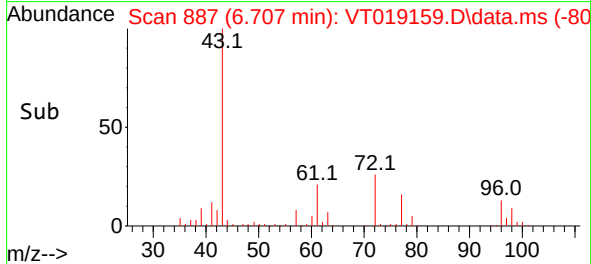
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 89175
Ion Ratio Lower Upper
43 100
57 8.1 5.9 8.9
72 25.6 20.2 30.2

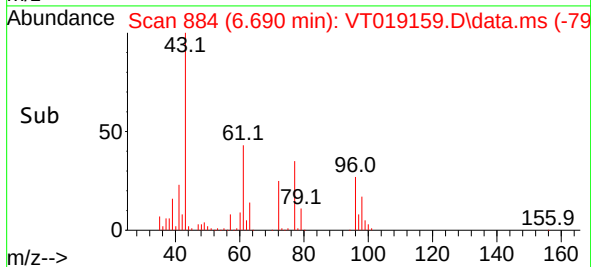
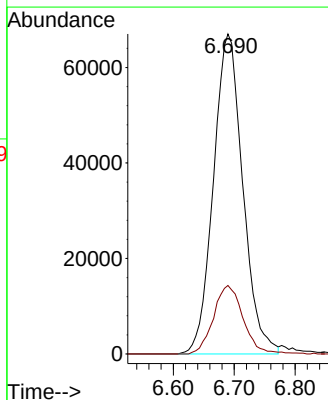
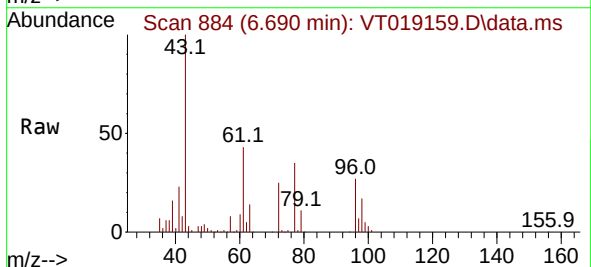
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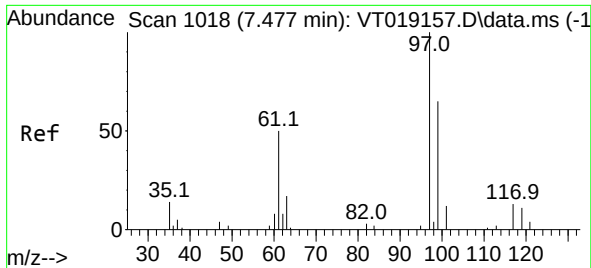
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#31
2,2-Dichloropropane
Concen: 107.292 ug/l
RT: 6.690 min Scan# 884
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 77 Resp: 224491
Ion Ratio Lower Upper
77 100
97 21.5 14.5 21.7





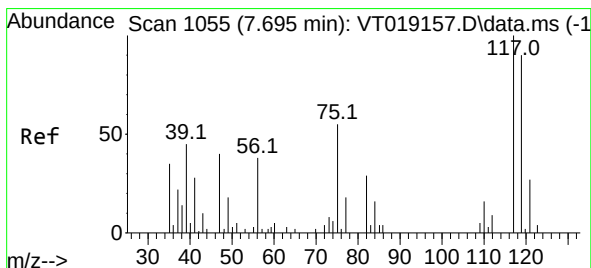
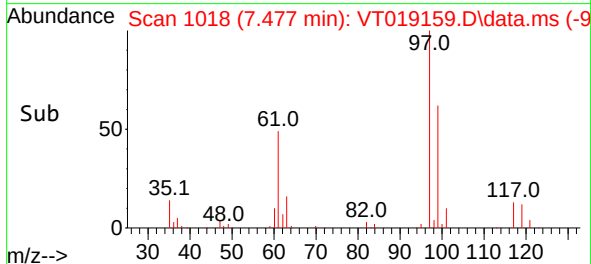
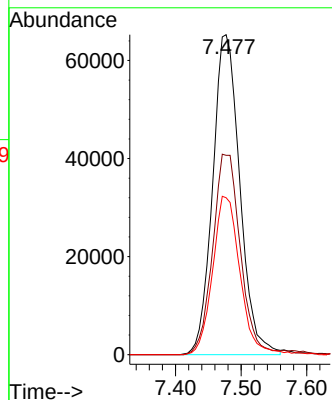
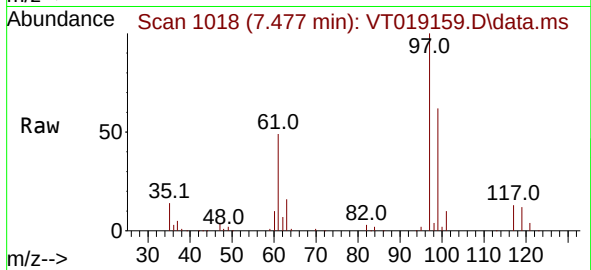
#32
1,1,1-Trichloroethane
Concen: 104.296 ug/l
RT: 7.477 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 187775
Ion Ratio Lower Upper
97 100
99 63.4 30.0 45.0
61 49.7 36.1 54.1

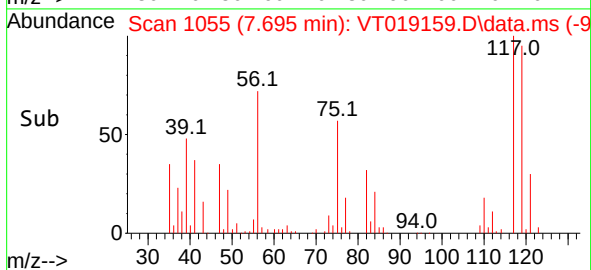
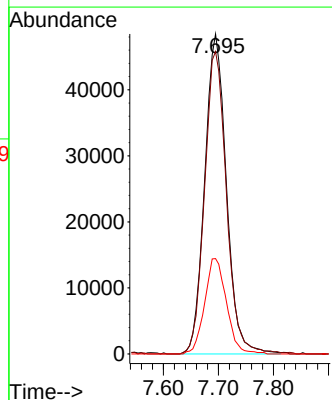
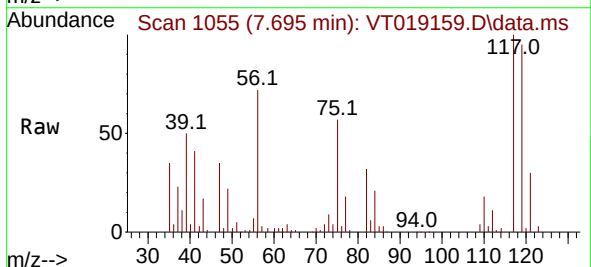
Manual Integrations
APPROVED

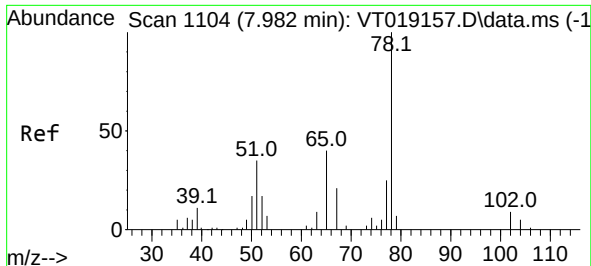
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#33
Carbon Tetrachloride
Concen: 115.026 ug/l
RT: 7.695 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

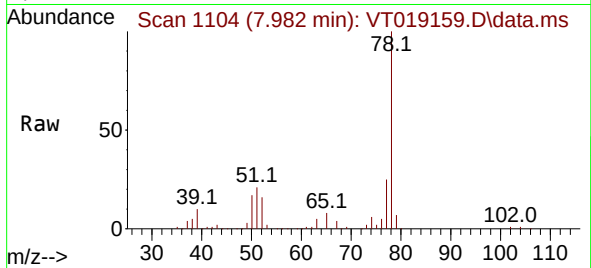
Tgt Ion:117 Resp: 132692
Ion Ratio Lower Upper
117 100
119 94.5 76.5 114.7
121 29.8 0.5 0.7#





#34
Benzene
Concen: 103.180 ug/l
RT: 7.982 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

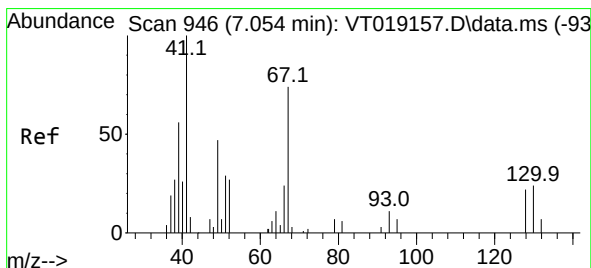
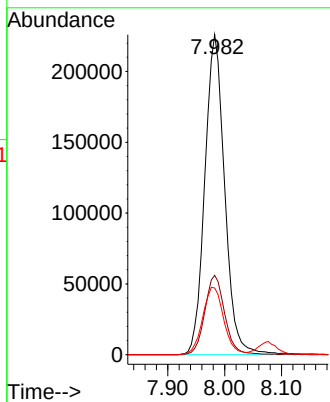
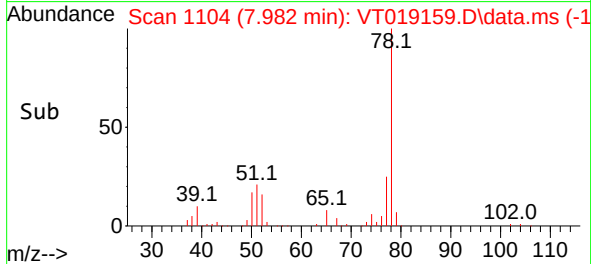
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion: 78 Resp: 546284
Ion Ratio Lower Upper
78 100
77 24.8 17.6 26.4
51 20.8 13.8 20.6

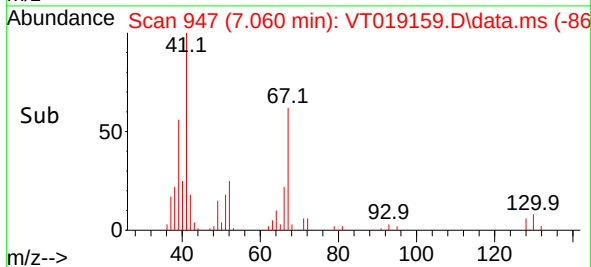
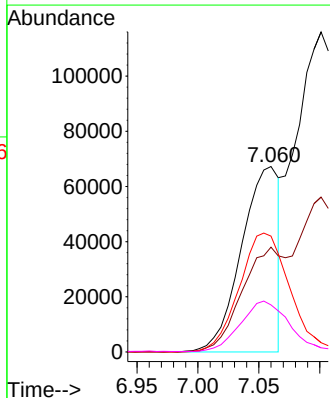
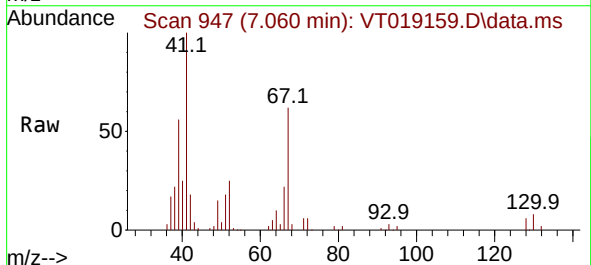
Manual Integrations
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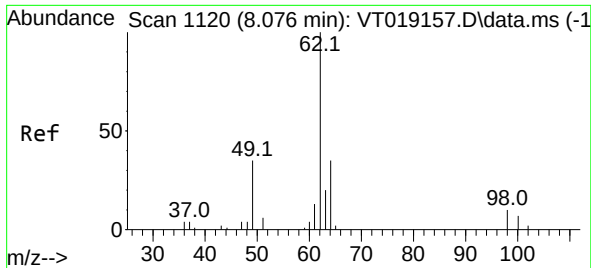
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#35
Methacrylonitrile
Concen: 96.464 ug/l
RT: 7.060 min Scan# 947
Delta R.T. 0.012 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 41 Resp: 144629
Ion Ratio Lower Upper
41 100
39 56.5 26.2 78.5
67 62.5 31.4 94.3
52 25.2 13.2 39.5





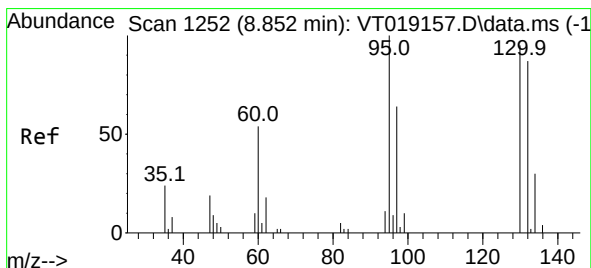
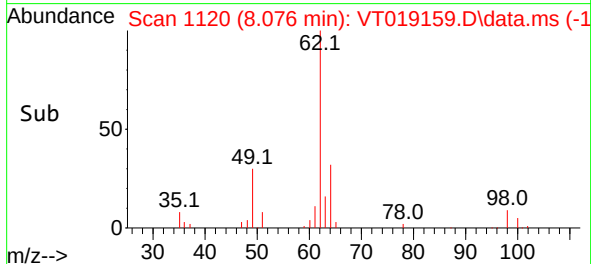
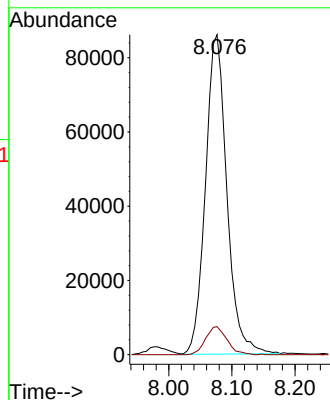
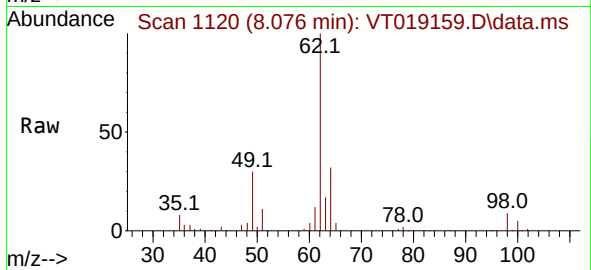
#36
1,2-Dichloroethane
Concen: 103.022 ug/l
RT: 8.076 min Scan# 1120
Delta R.T. 0.005 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 62 Resp: 20220
Ion Ratio Lower Upper
62 100
98 8.8 6.7 10.1

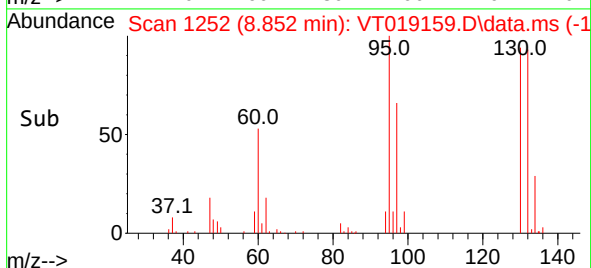
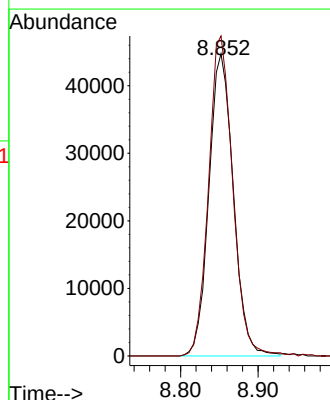
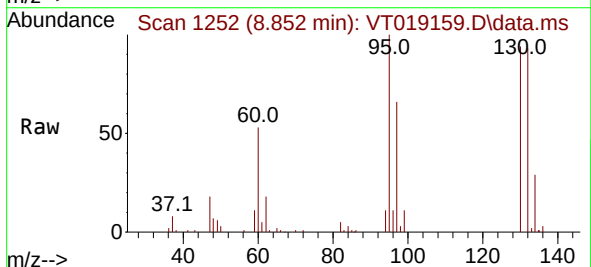
Manual Integrations
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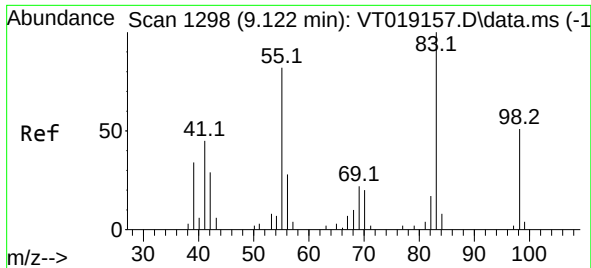
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#37
Trichloroethene
Concen: 100.639 ug/l
RT: 8.852 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:130 Resp: 98023
Ion Ratio Lower Upper
130 100
95 105.9 79.4 119.2





#38
Methylcyclohexane
Concen: 97.434 ug/l
RT: 9.122 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

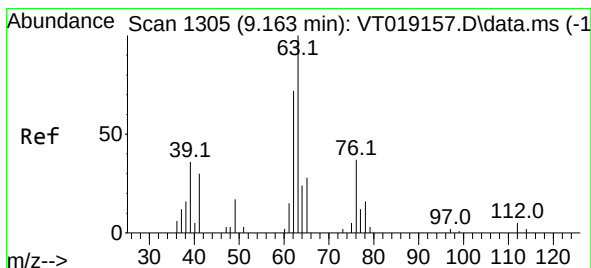
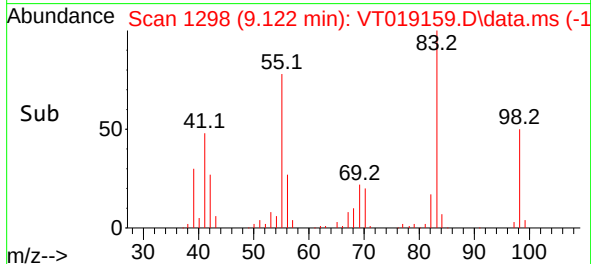
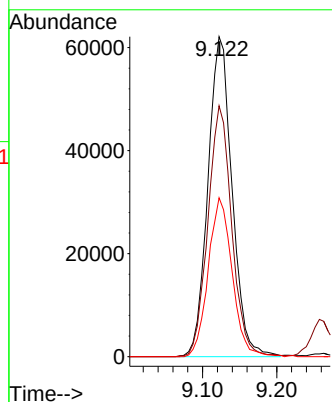
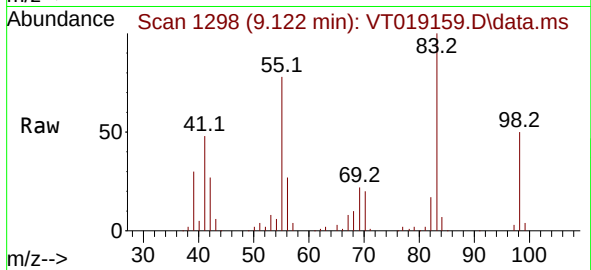
VSTDICC100

Tgt Ion: 83 Resp: 140219
Ion Ratio Lower Upper
83 100
55 77.3 40.3 120.8
98 49.2 24.3 72.9

Manual Integrations

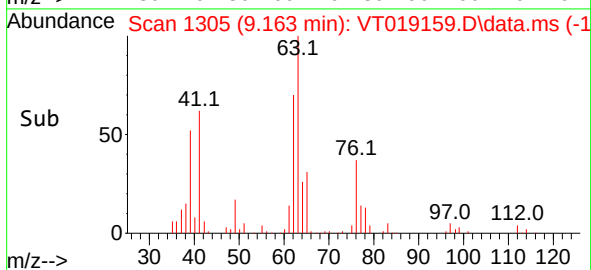
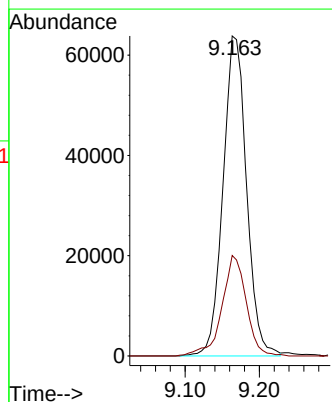
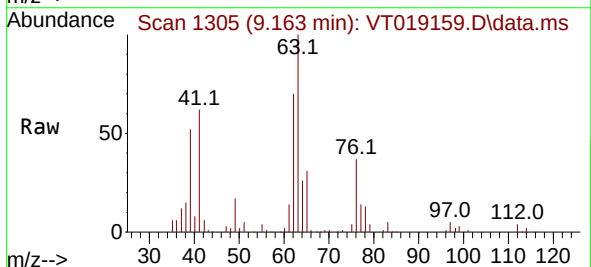
APPROVED

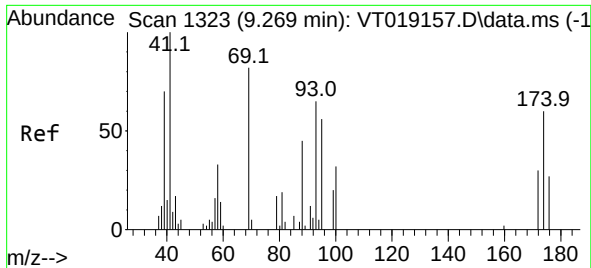
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#39
1,2-Dichloropropane
Concen: 101.404 ug/l
RT: 9.163 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

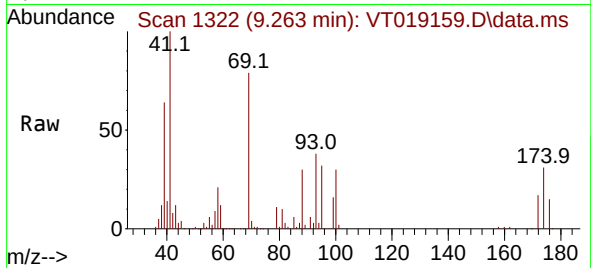
Tgt Ion: 63 Resp: 140612
Ion Ratio Lower Upper
63 100
65 31.2 19.8 29.6#





#40
Dibromomethane
Concen: 109.973 ug/l
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

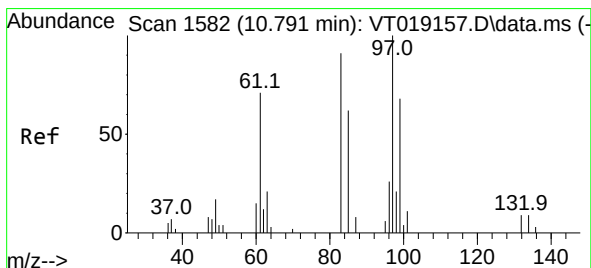
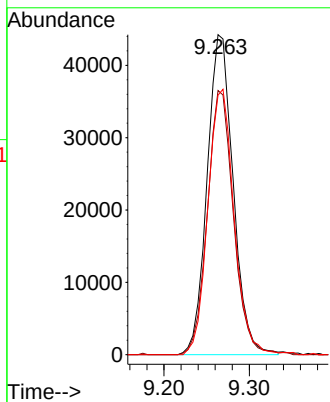
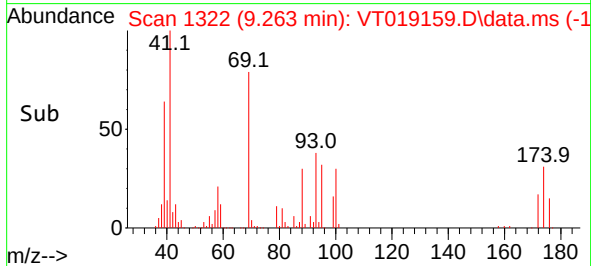
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



Tgt Ion: 93 Resp: 9402
Ion Ratio Lower Upper
93 100
95 82.4 0.0 166.2
174 83.1 0.0 26.4

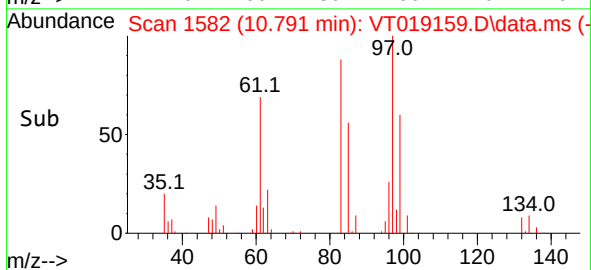
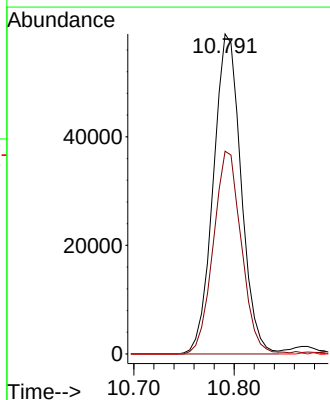
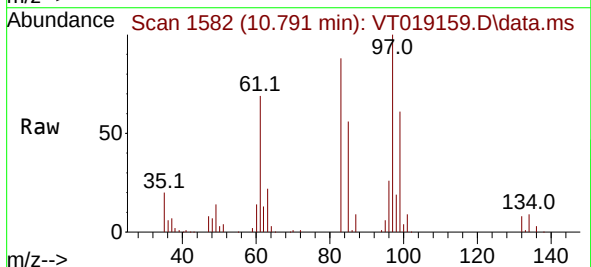
Manual Integrations
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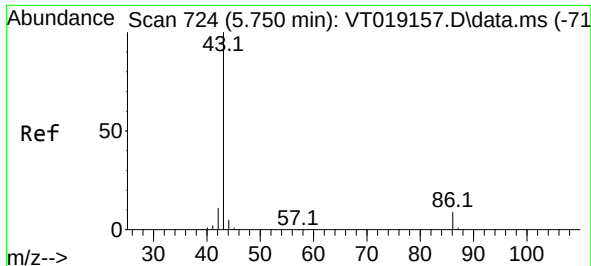
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#41
Bromodichloromethane
Concen: 103.151 ug/l
RT: 10.791 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 83 Resp: 113285
Ion Ratio Lower Upper
83 100
85 63.4 47.2 70.8
127 0.0 7.1 10.7#





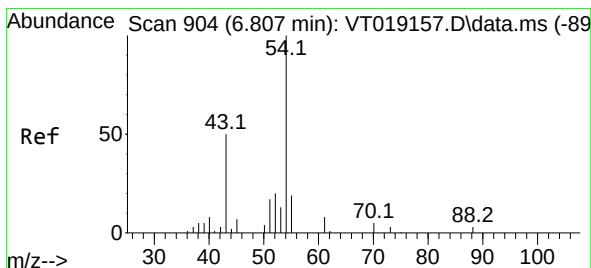
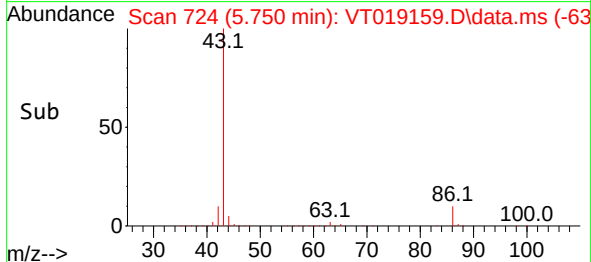
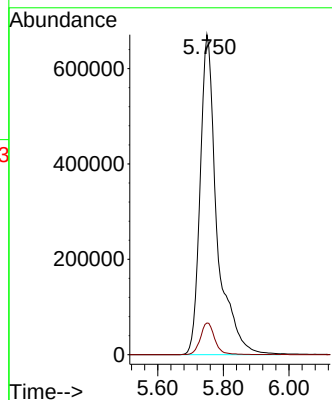
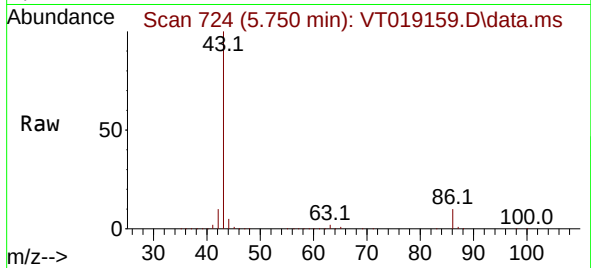
#42
 Vinyl Acetate
 Concen: 555.160 ug/l
 RT: 5.750 min Scan# 724
 Delta R.T. -0.000 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2399250
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.9 10.3

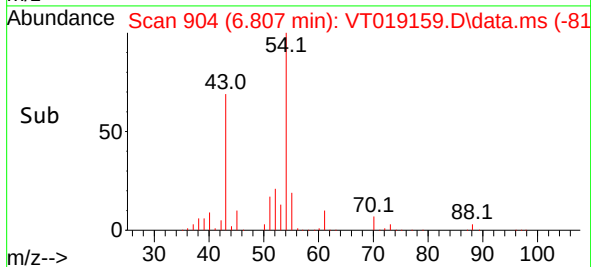
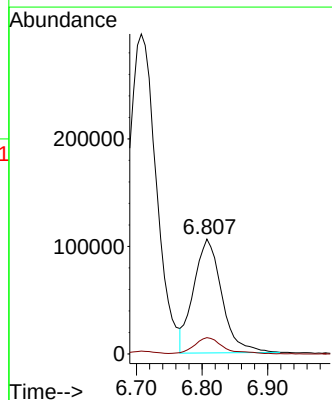
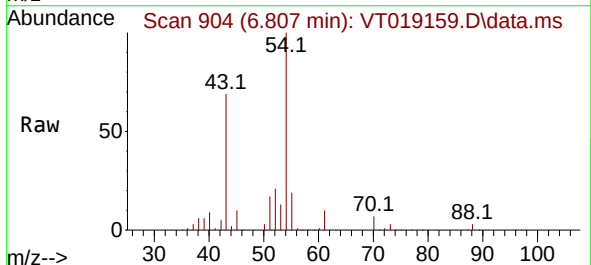
Manual Integrations
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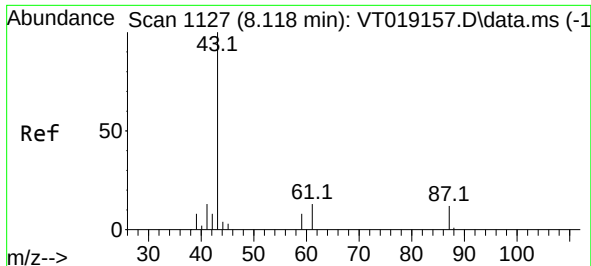
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#43
 Ethyl Acetate
 Concen: 109.187 ug/l
 RT: 6.807 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

Tgt Ion: 43 Resp: 316160
 Ion Ratio Lower Upper
 43 100
 45 14.8 10.6 16.0





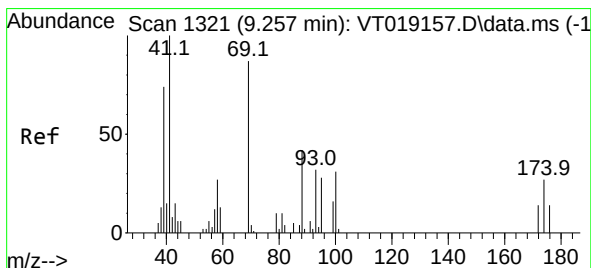
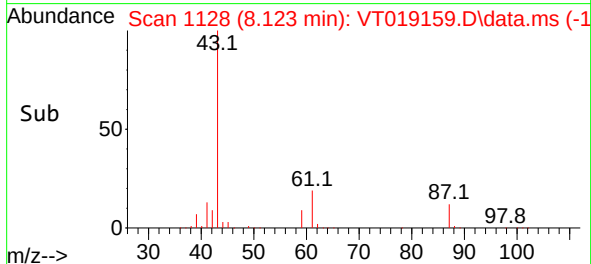
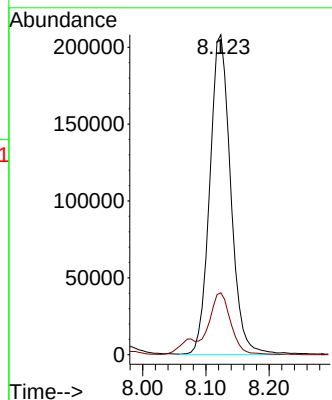
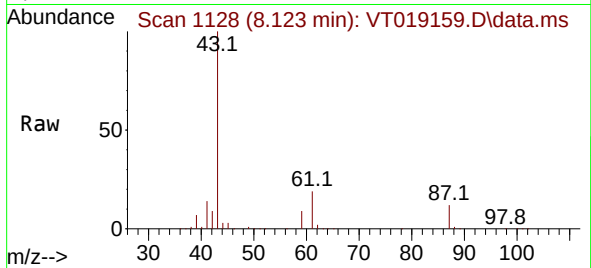
#44
Isopropyl Acetate
Concen: 104.933 ug/l
RT: 8.123 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 47820
Ion Ratio Lower Upper
43 100
61 18.5 14.7 22.1

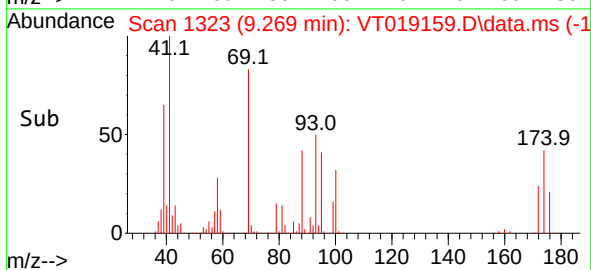
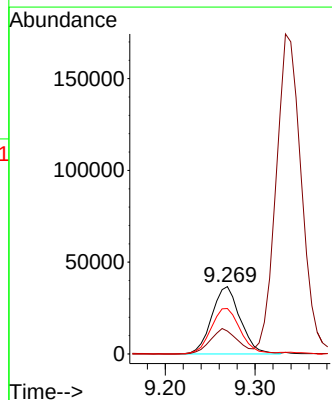
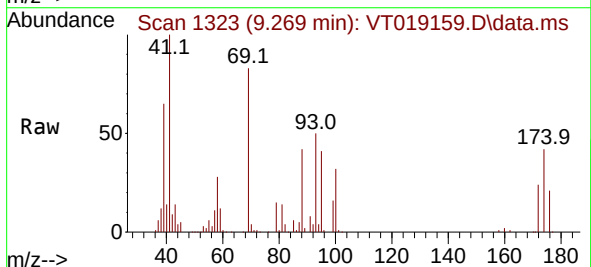
Manual Integrations
APPROVED

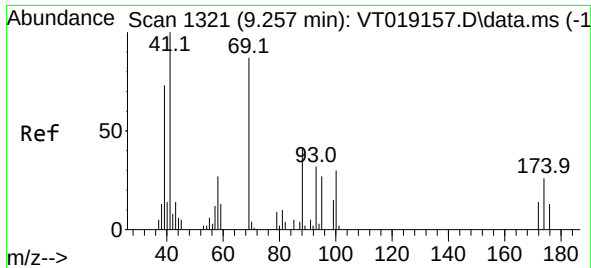
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#45
1,4-Dioxane
Concen: 2038.236 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

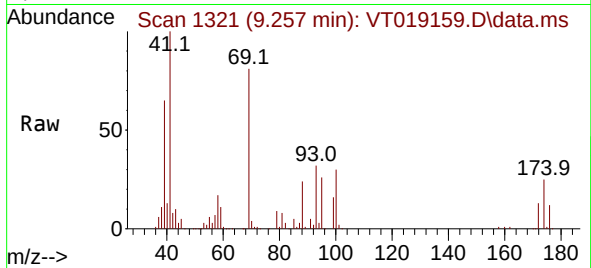
Tgt Ion: 88 Resp: 80583
Ion Ratio Lower Upper
88 100
43 36.3 30.2 45.2
58 69.6 33.3 49.9





#46
Methyl methacrylate
Concen: 111.366 ug/l
RT: 9.257 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

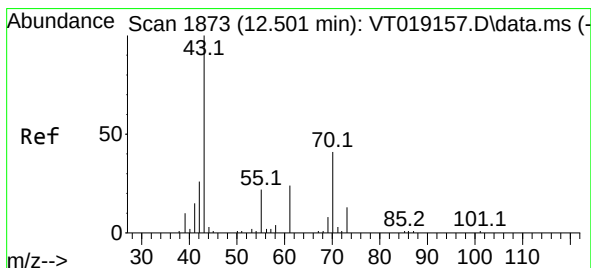
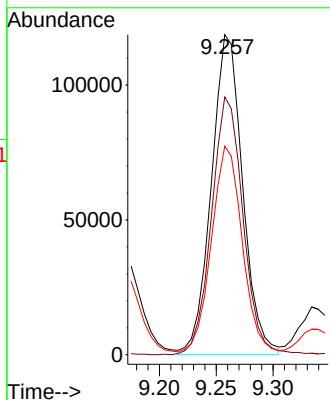
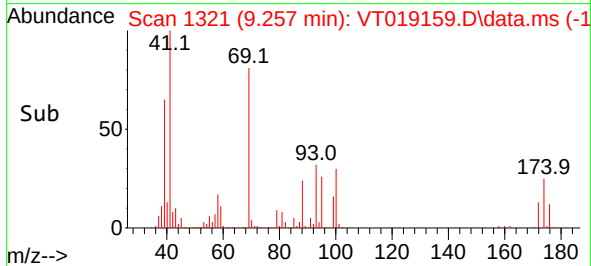
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



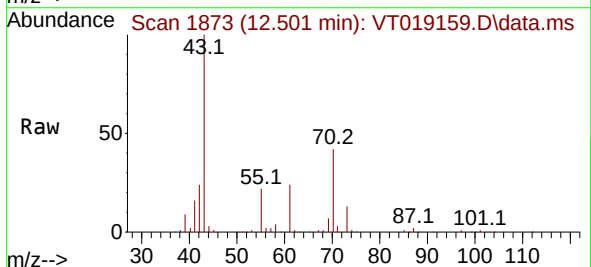
Tgt Ion: 41 Resp: 226929
Ion Ratio Lower Upper
41 100
69 81.3 35.8 107.3
39 65.1 24.4 73.4

Manual Integrations
APPROVED

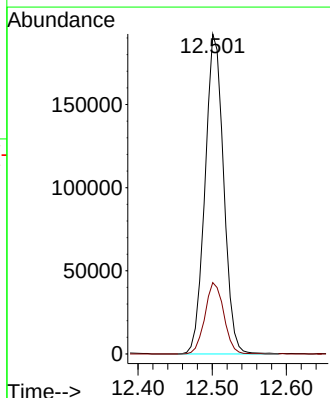
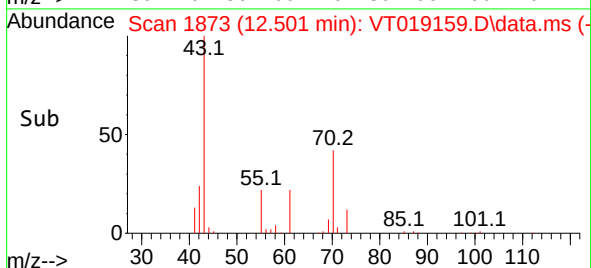
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

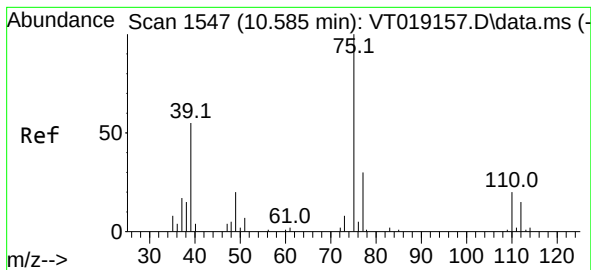


#47
n-amy1 Acetate
Concen: 109.101 ug/l
RT: 12.501 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



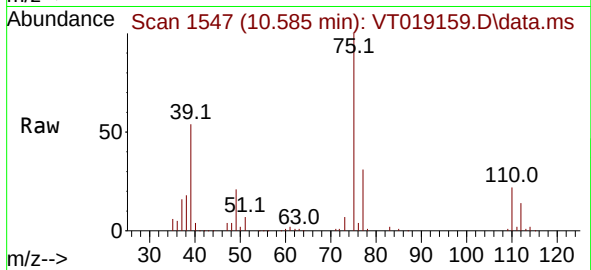
Tgt Ion: 43 Resp: 334580
Ion Ratio Lower Upper
43 100
55 22.7 18.4 27.6





#48
 t-1,3-Dichloropropene
 Concen: 108.771 ug/l
 RT: 10.585 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

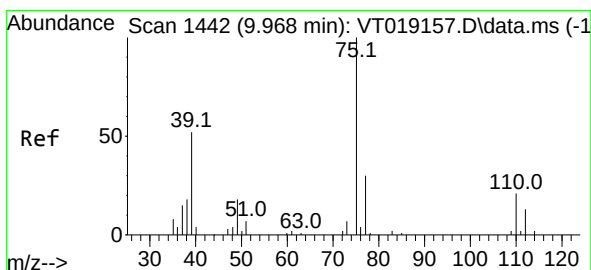
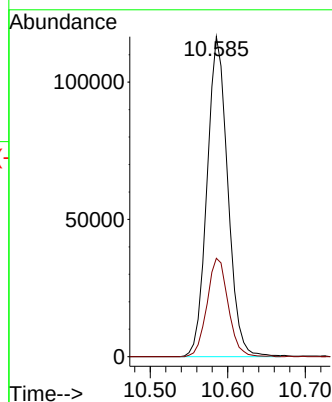
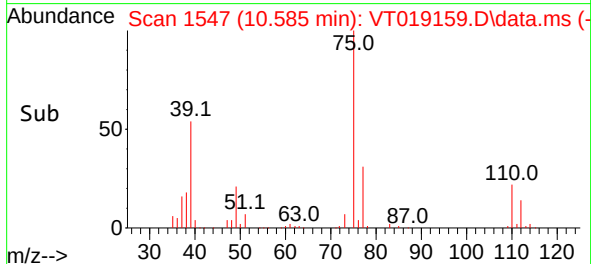
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100



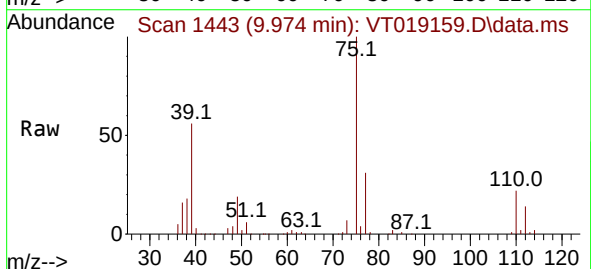
Tgt Ion: 75 Resp: 216752
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.4 36.6

Manual Integrations
 APPROVED

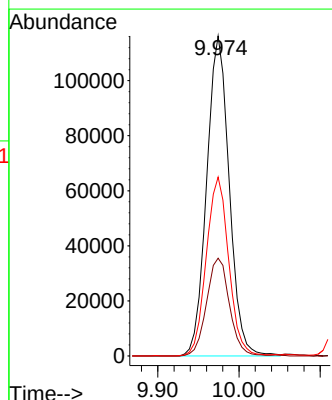
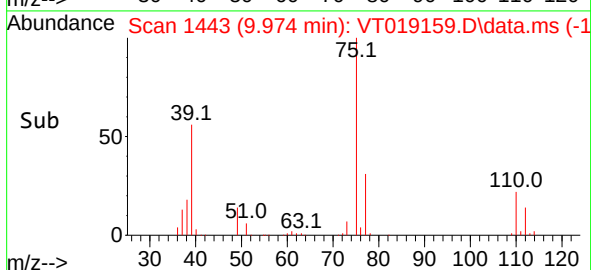
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

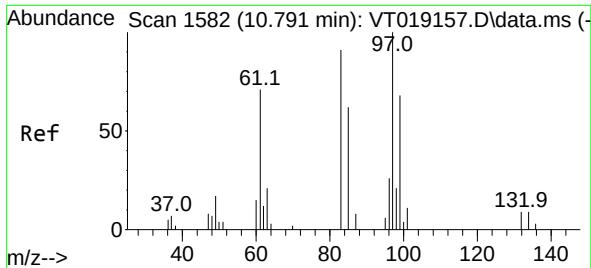


#49
 cis-1,3-Dichloropropene
 Concen: 107.020 ug/l
 RT: 9.974 min Scan# 1443
 Delta R.T. 0.000 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23



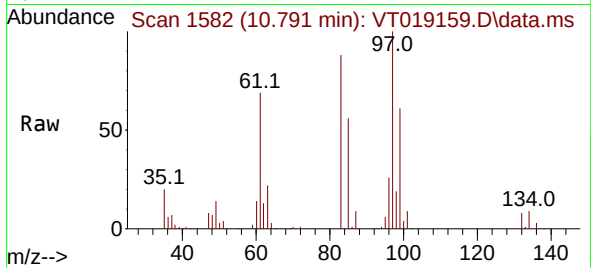
Tgt Ion: 75 Resp: 224029
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.1 37.7
 39 55.7 42.7 64.1





#50
1,1,2-Trichloroethane
Concen: 102.282 ug/l
RT: 10.791 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

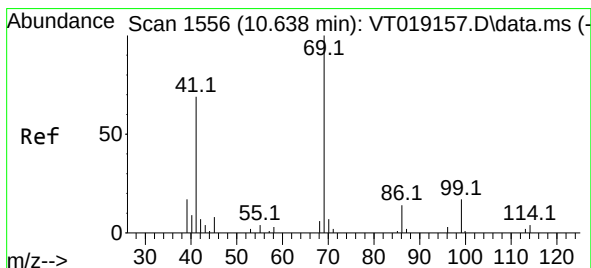
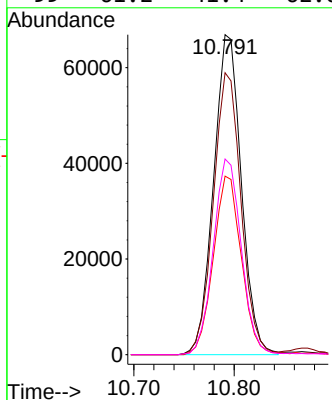
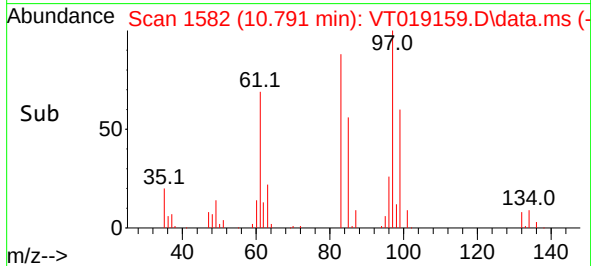
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



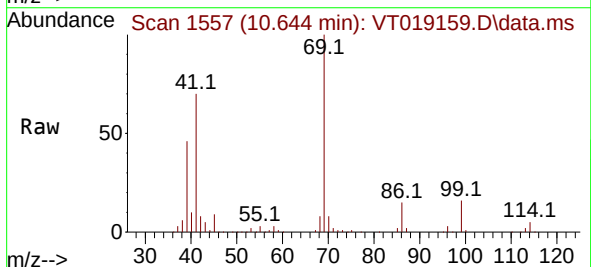
Tgt Ion: 97 Resp: 128624
Ion Ratio Lower Upper
97 100
83 88.1 58.3 87.5
85 55.8 36.5 54.7
99 61.2 41.4 62.0

Manual Integrations
APPROVED

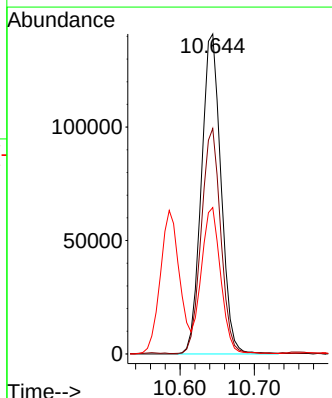
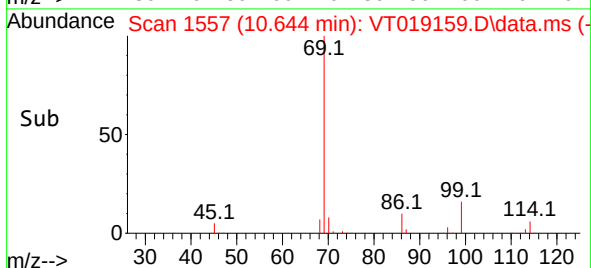
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

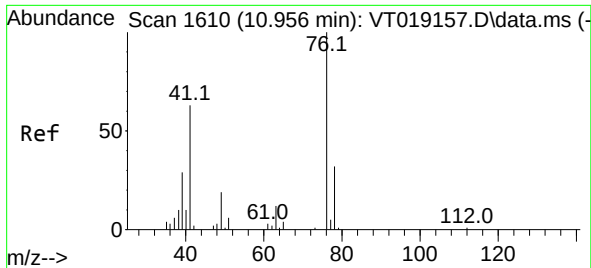


#51
Ethyl methacrylate
Concen: 109.908 ug/l
RT: 10.644 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



Tgt Ion: 69 Resp: 259021
Ion Ratio Lower Upper
69 100
41 70.2 35.0 105.1
39 45.6 19.5 58.5





#52

1,3-Dichloropropane

Concen: 101.512 ug/l

RT: 10.955 min Scan# 1610

Delta R.T. -0.001 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 22800

Ion Ratio Lower Upper

76 100

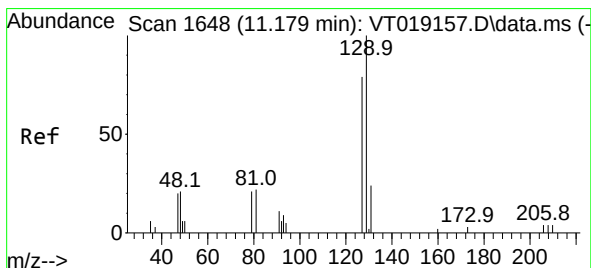
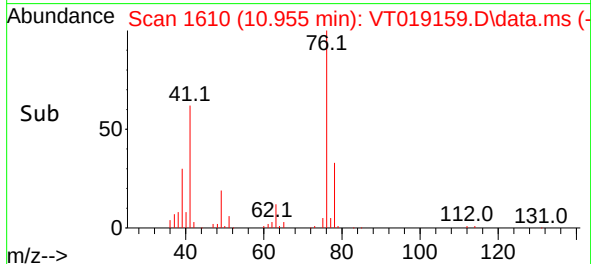
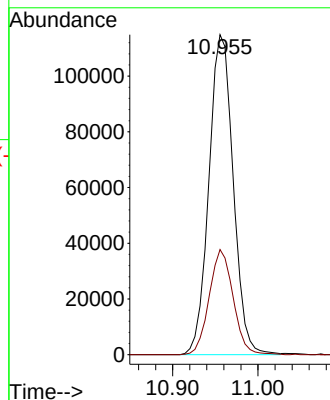
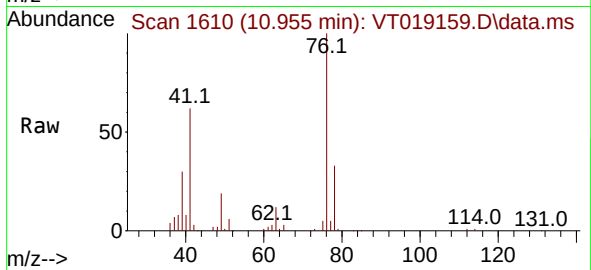
78 32.3 0.0 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#53

Dibromochloromethane

Concen: 111.622 ug/l m

RT: 11.185 min Scan# 1649

Delta R.T. 0.006 min

Lab File: VT019159.D

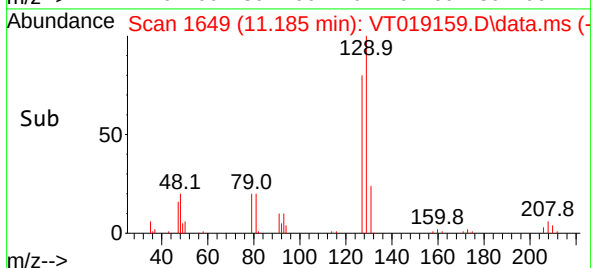
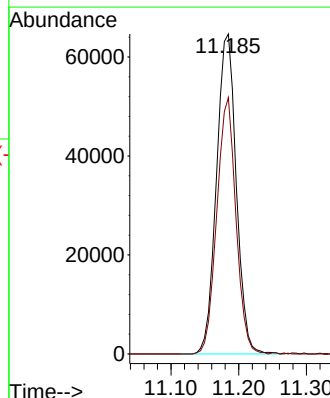
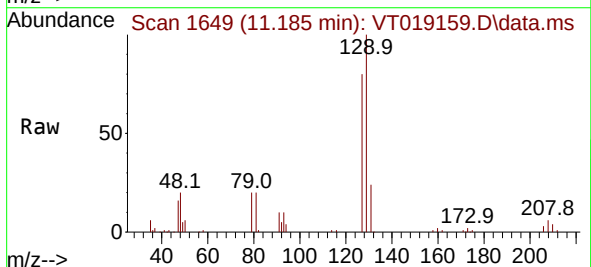
Acq: 22 Oct 2025 15:23

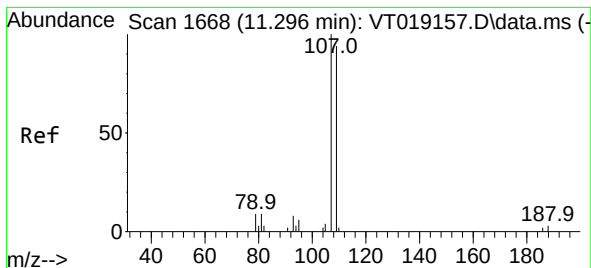
Tgt Ion:129 Resp: 131010

Ion Ratio Lower Upper

129 100

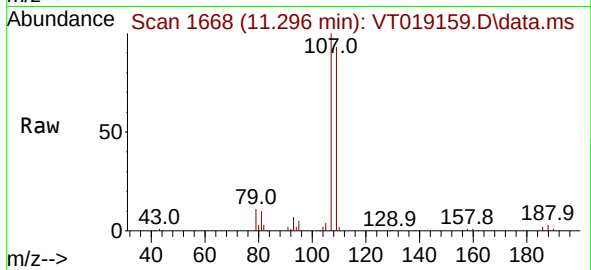
127 0.1 125.0 374.9#





#54
1,2-Dibromoethane
Concen: 103.779 ug/l
RT: 11.296 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

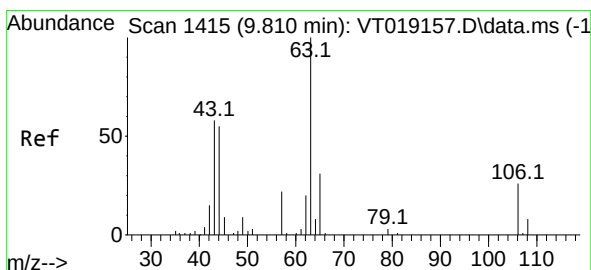
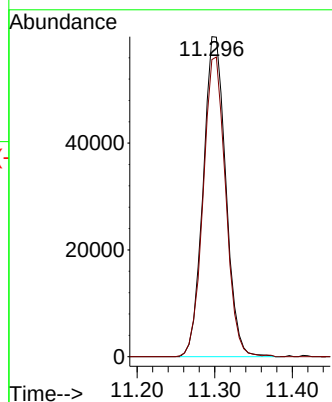
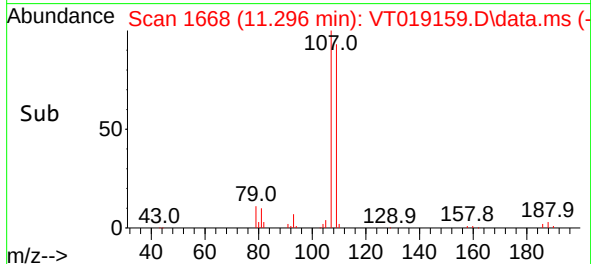
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 121384
Ion Ratio Lower Upper
107 100
109 93.0 74.0 111.0

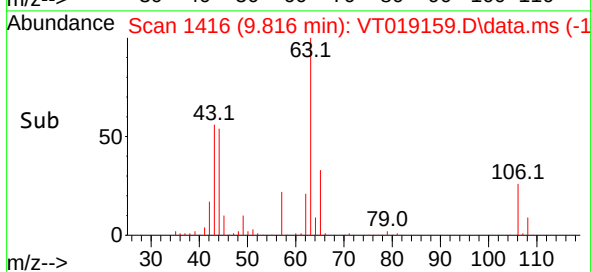
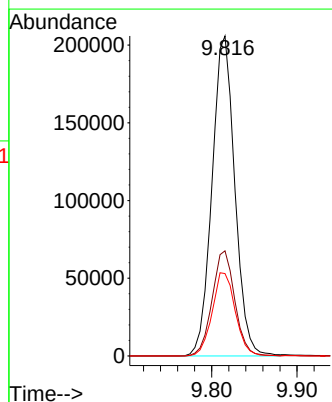
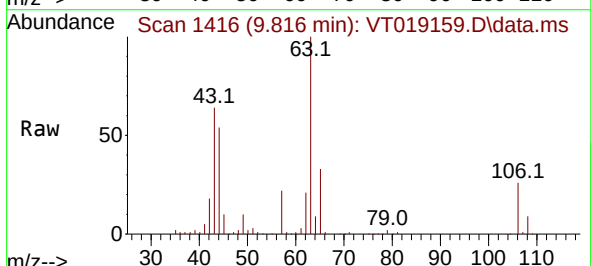
Manual Integrations
APPROVED

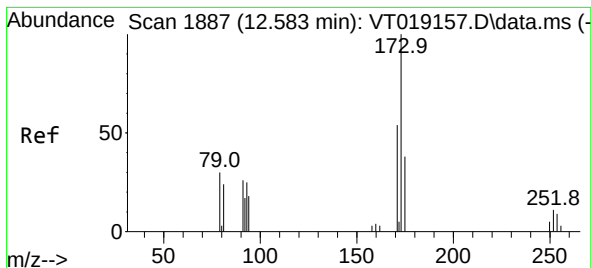
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#55
2-Chloroethyl vinyl ether
Concen: 555.680 ug/l
RT: 9.816 min Scan# 1416
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 63 Resp: 381947
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 26.4 22.1 33.1





#56

Bromoform

Concen: 123.356 ug/l

RT: 12.577 min Scan# 1886

Delta R.T. 0.000 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

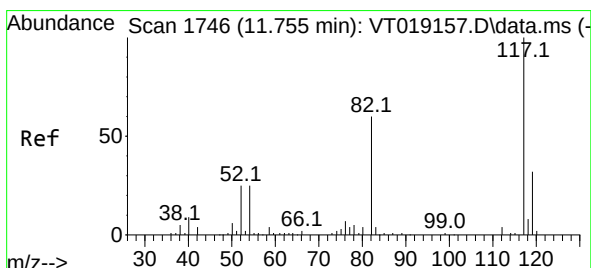
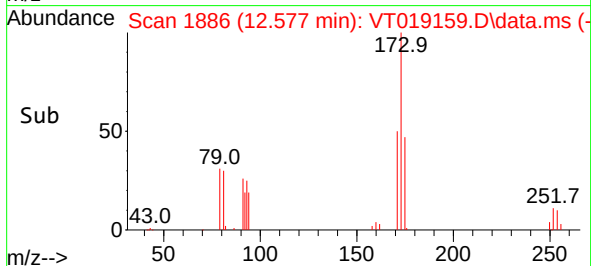
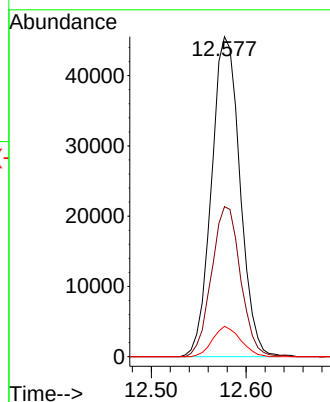
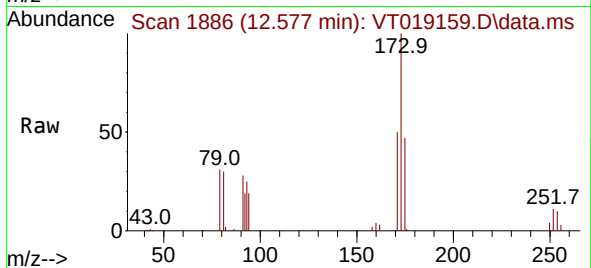
Tgt Ion:	173	Resp:	95128
Ion	Ratio	Lower	Upper
173	100		
175	47.6	2.6	3.8
254	9.3	2.2	3.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

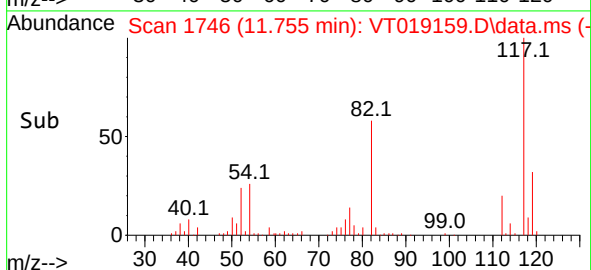
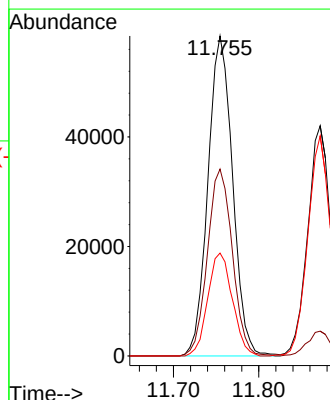
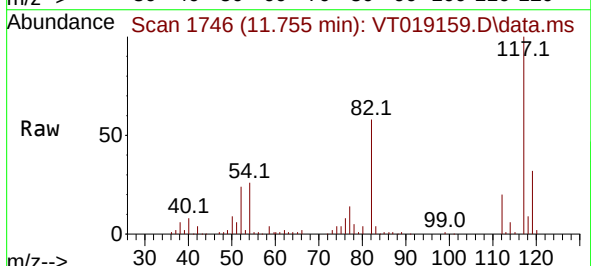
RT: 11.755 min Scan# 1746

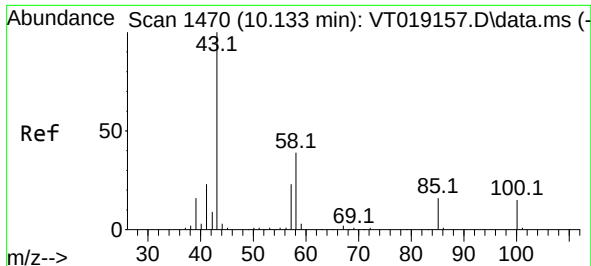
Delta R.T. -0.000 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Tgt Ion:	117	Resp:	117301
Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.0	69.0
119	32.1	25.8	38.8





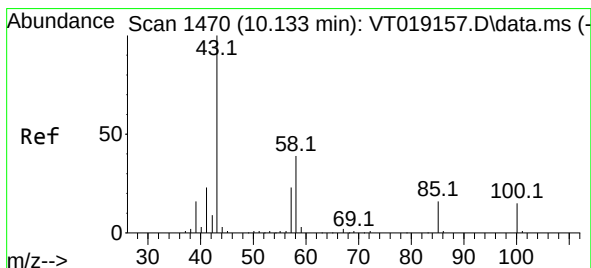
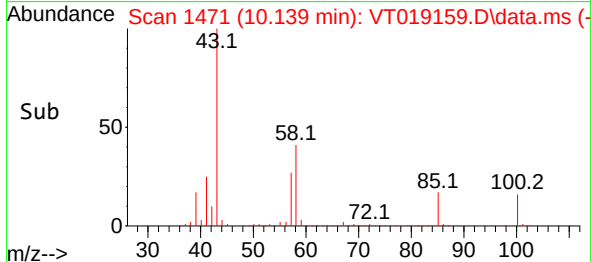
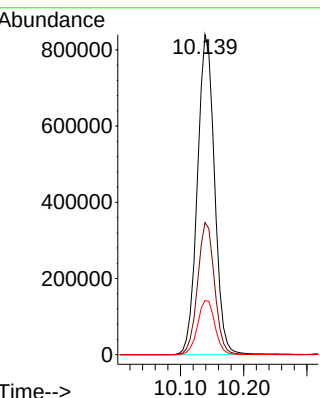
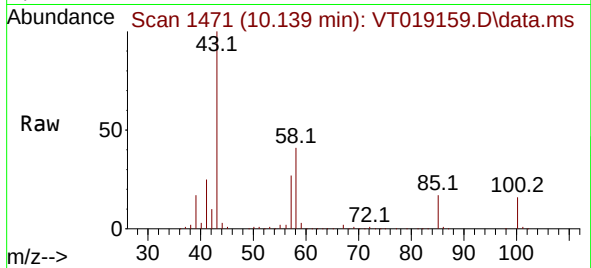
#58
4-Methyl-2-Pentanone
Concen: 550.866 ug/l
RT: 10.139 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1582437
Ion Ratio Lower Upper
43 100
58 40.8 30.6 45.8
85 17.2 13.4 20.2

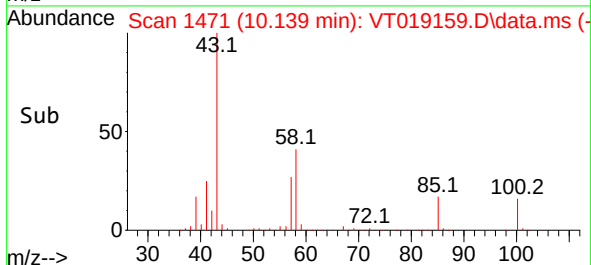
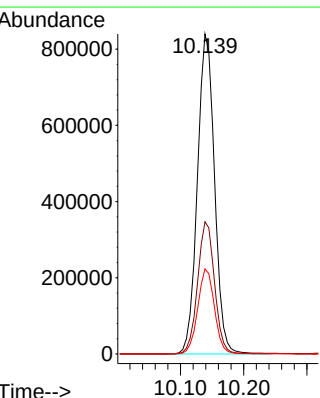
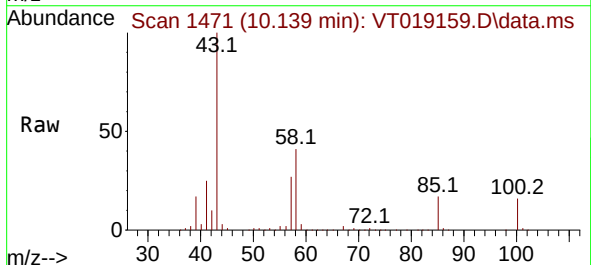
Manual Integrations
APPROVED

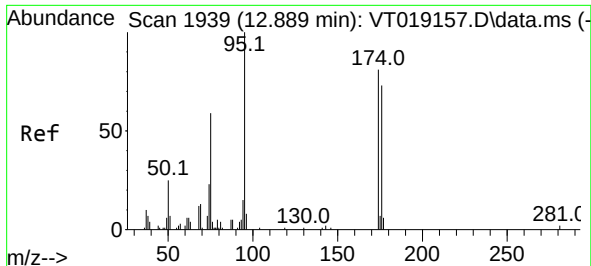
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#59
2-Hexanone
Concen: 550.866 ug/l
RT: 10.139 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

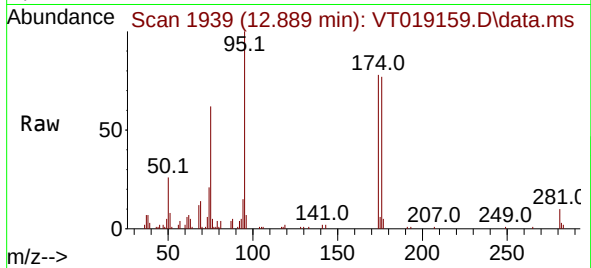
Tgt Ion: 43 Resp: 1582437
Ion Ratio Lower Upper
43 100
58 40.8 42.0 63.0#
57 25.8 14.6 21.8#





#60
4-Bromofluorobenzene
Concen: 30.490 ug/l
RT: 12.889 min Scan# 1939
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

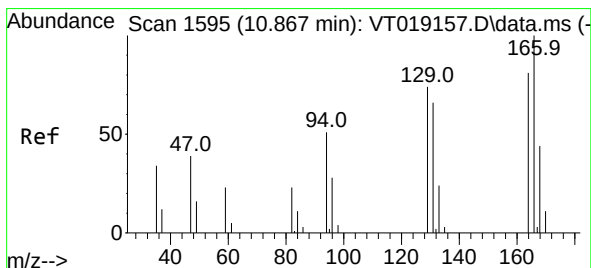
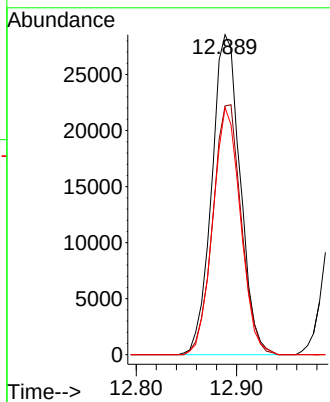
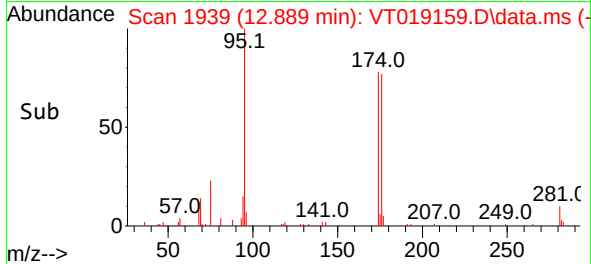
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



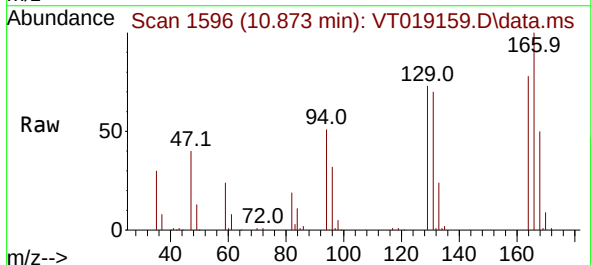
Tgt Ion: 95 Resp: 5621
Ion Ratio Lower Upper
95 100
174 78.3 57.5 86.3
176 75.3 56.4 84.6

Manual Integrations
APPROVED

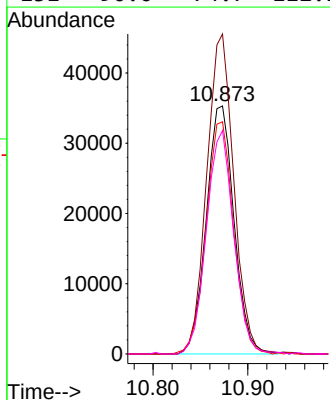
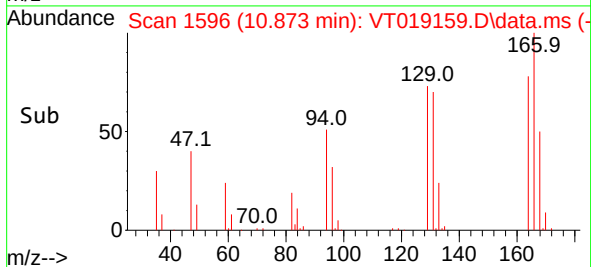
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

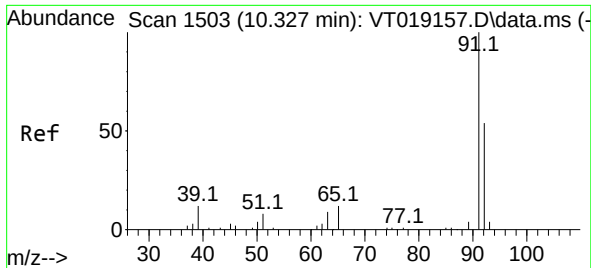


#61
Tetrachloroethene
Concen: 97.175 ug/l
RT: 10.873 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



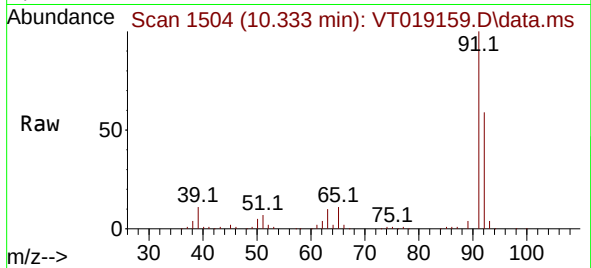
Tgt Ion:164 Resp: 72049
Ion Ratio Lower Upper
164 100
166 129.0 101.0 151.4
129 93.2 78.6 117.8
131 90.0 74.7 112.1





#62
Toluene
Concen: 101.413 ug/l
RT: 10.333 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

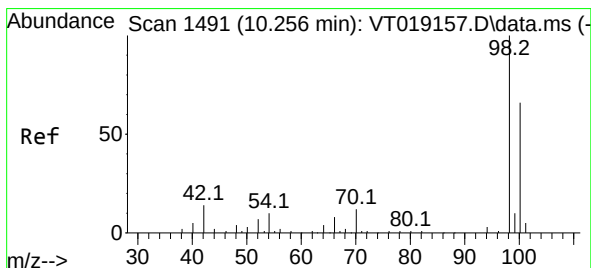
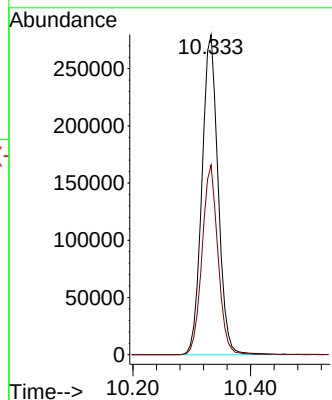
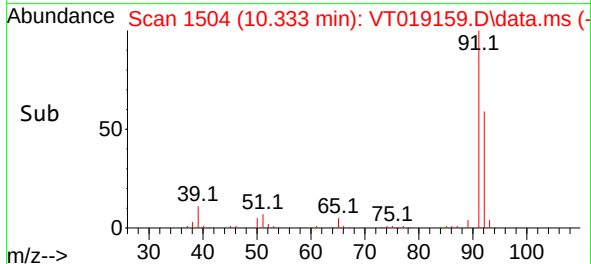
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 53282
Ion Ratio Lower Upper
91 100
92 58.3 46.6 69.8

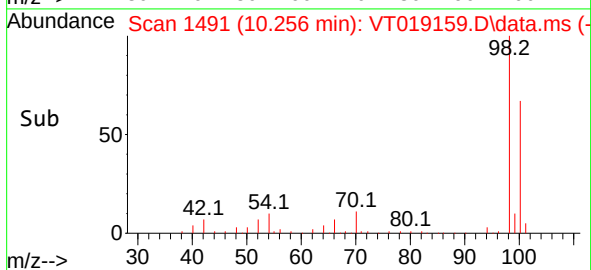
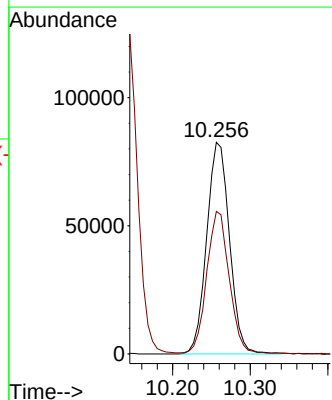
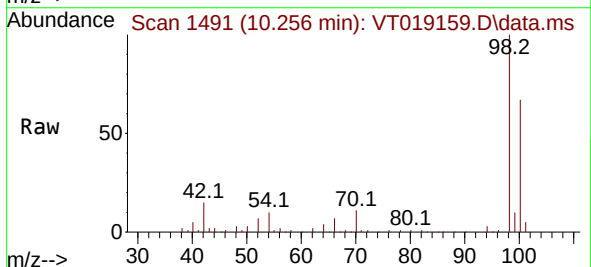
Manual Integrations
APPROVED

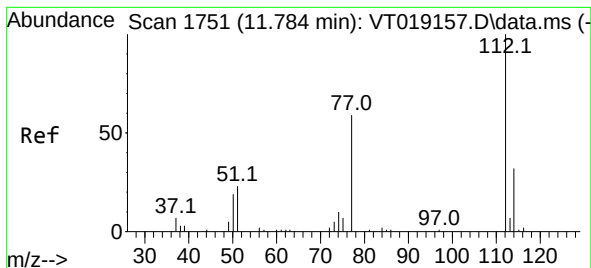
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#63
Toluene-d8
Concen: 29.541 ug/l
RT: 10.256 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 98 Resp: 168658
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3





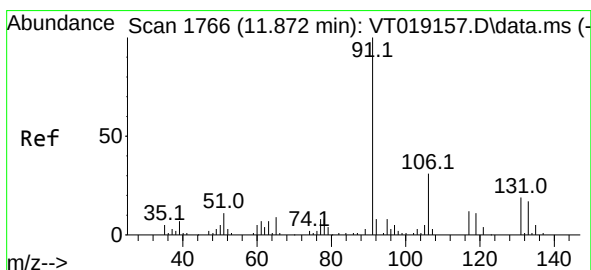
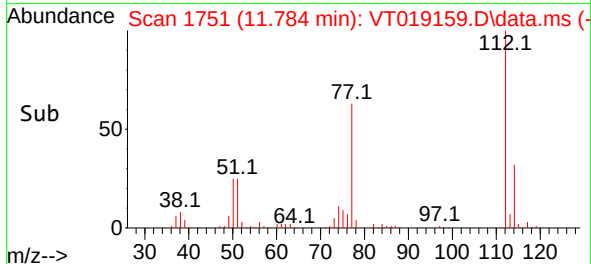
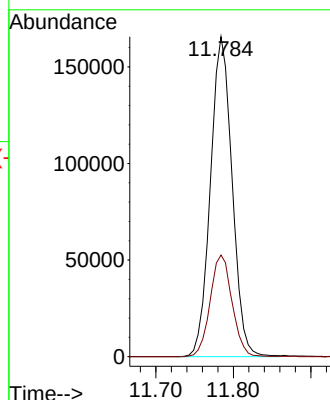
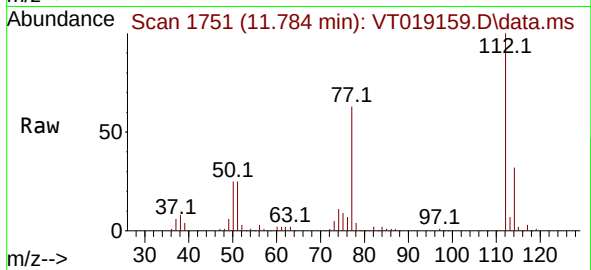
#64
Chlorobenzene
Concen: 100.401 ug/l
RT: 11.784 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 322208
Ion Ratio Lower Upper
112 100
114 31.7 23.6 35.4

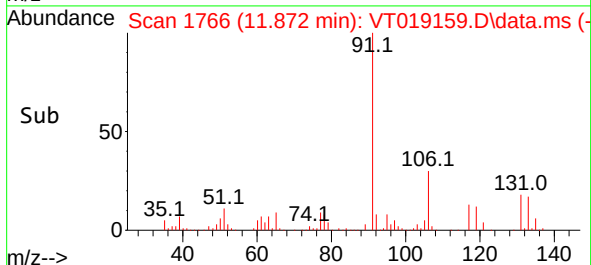
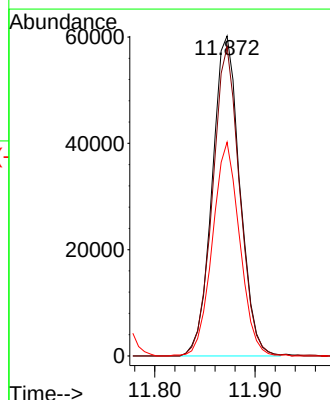
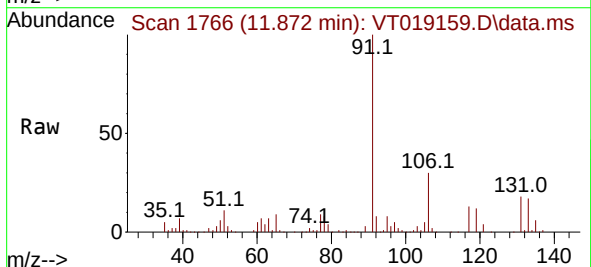
Manual Integrations
APPROVED

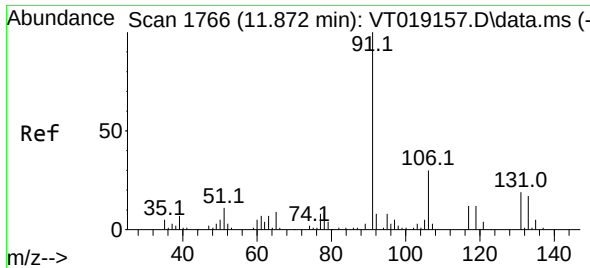
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 110.132 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:131 Resp: 115126
Ion Ratio Lower Upper
131 100
133 94.7 0.0 188.2
119 65.8 0.0 101.8





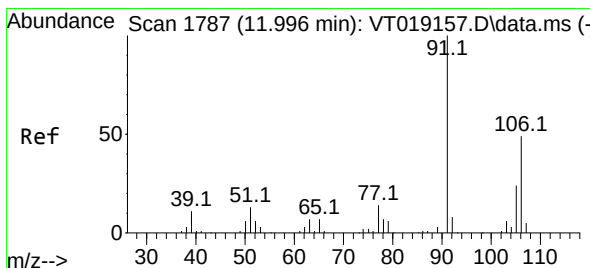
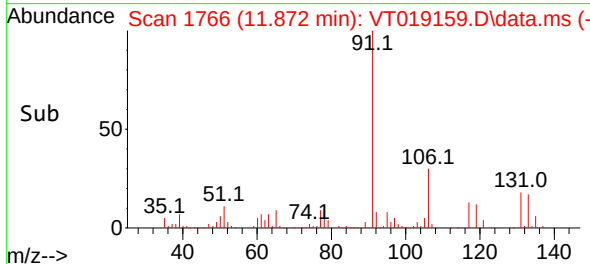
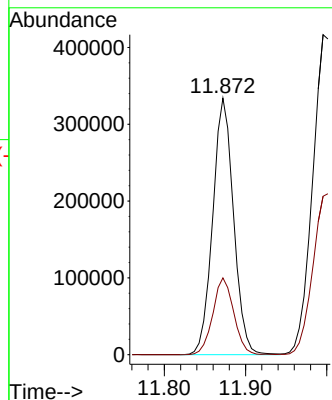
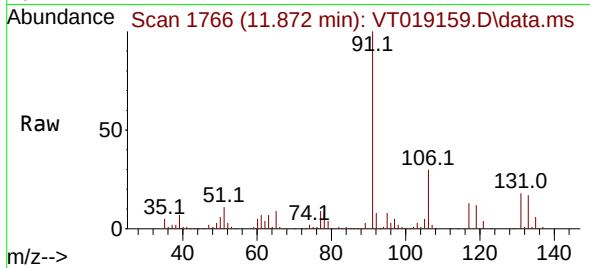
#66
Ethyl Benzene
Concen: 104.299 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 595550
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7

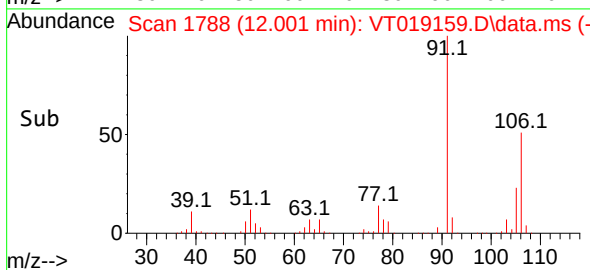
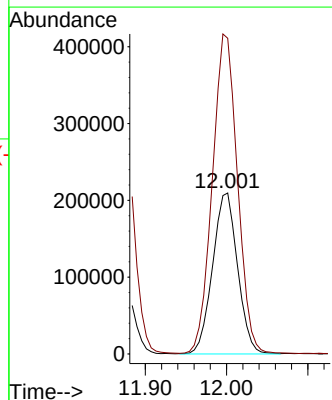
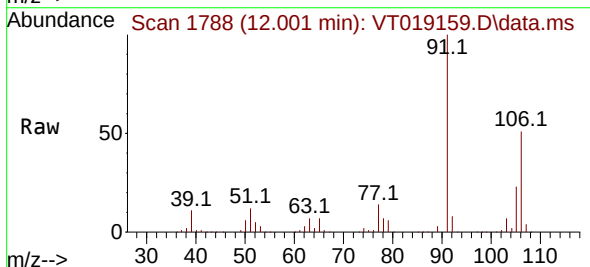
Manual Integrations
APPROVED

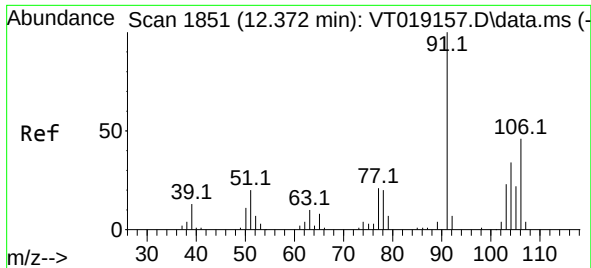
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#67
m/p-Xylenes
Concen: 210.909 ug/l
RT: 12.001 min Scan# 1788
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:106 Resp: 447682
Ion Ratio Lower Upper
106 100
91 200.7 164.4 246.6





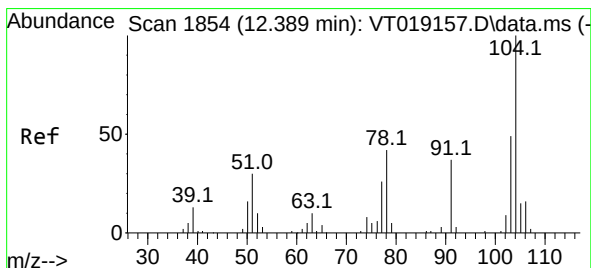
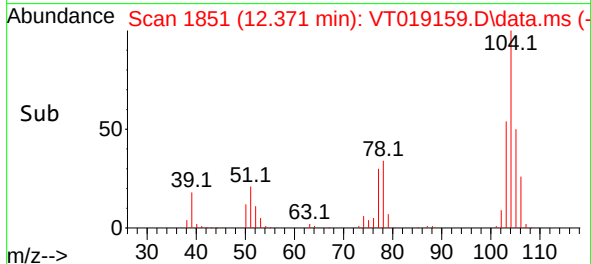
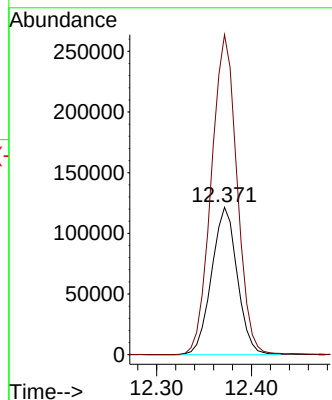
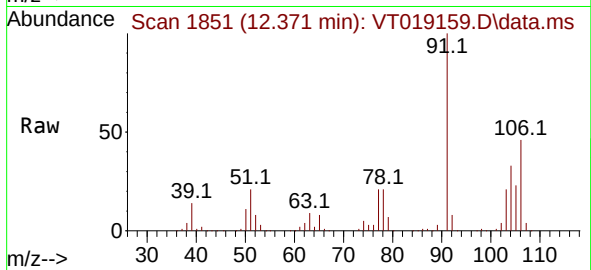
#68
o-Xylene
Concen: 104.226 ug/l
RT: 12.371 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 228350
Ion Ratio Lower Upper
106 100
91 217.4 111.3 333.8

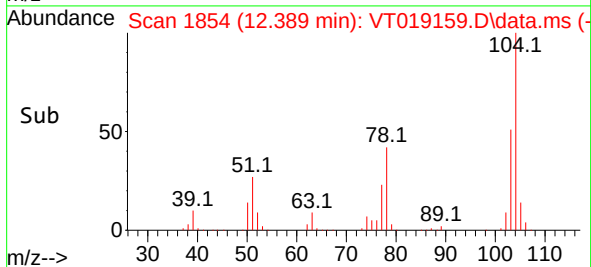
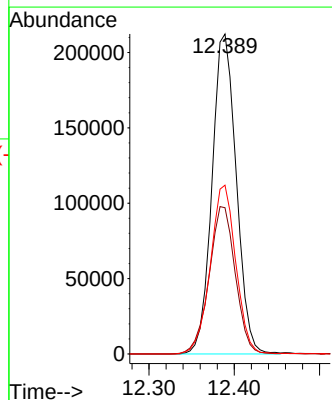
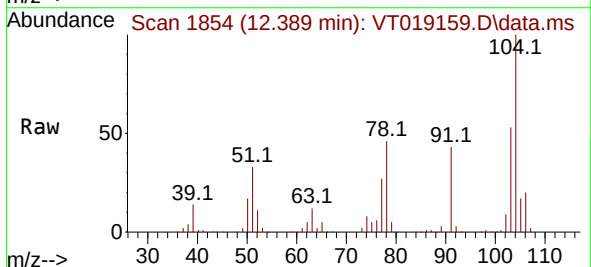
Manual Integrations
APPROVED

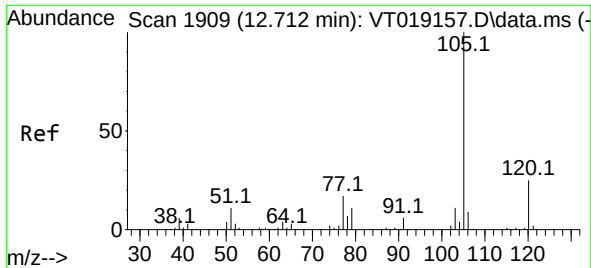
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#69
Styrene
Concen: 106.645 ug/l
RT: 12.389 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

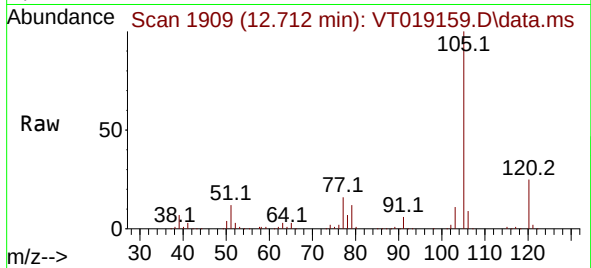
Tgt Ion:104 Resp: 419495
Ion Ratio Lower Upper
104 100
78 49.7 42.6 63.8
103 55.5 43.5 65.3





#70
Isopropylbenzene
Concen: 101.513 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

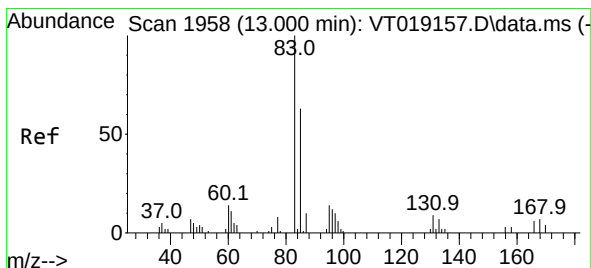
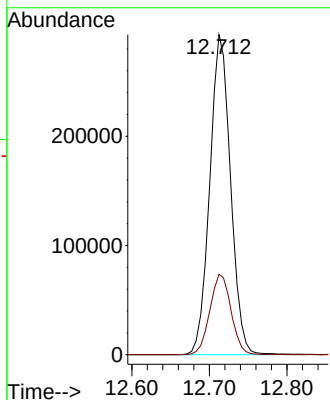
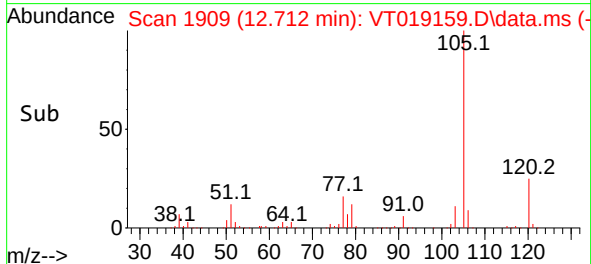
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100



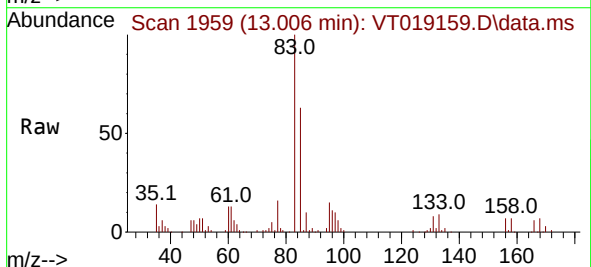
Tgt Ion:105 Resp: 545540
Ion Ratio Lower Upper
105 100
120 25.6 17.8 33.0

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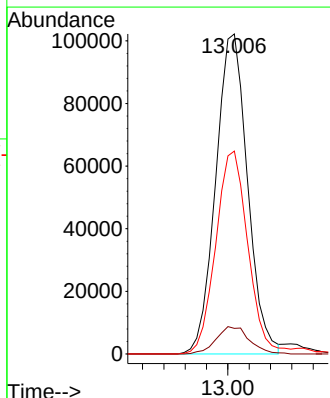
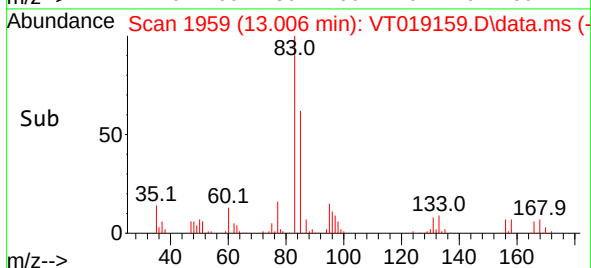
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

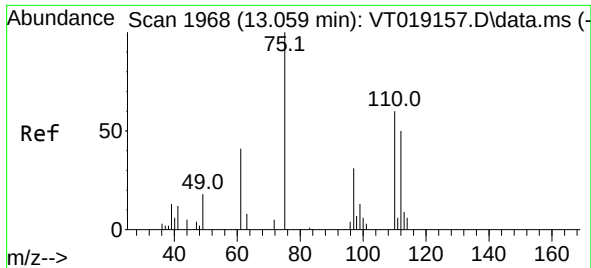


#71
1,1,2,2-Tetrachloroethane
Concen: 100.285 ug/l
RT: 13.006 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



Tgt Ion: 83 Resp: 211462
Ion Ratio Lower Upper
83 100
131 9.0 6.0 18.0
85 64.1 32.3 96.9





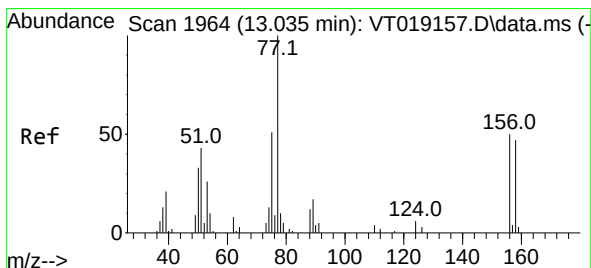
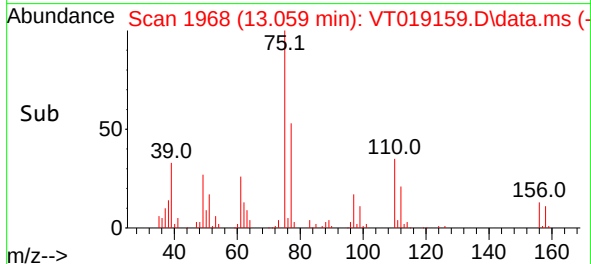
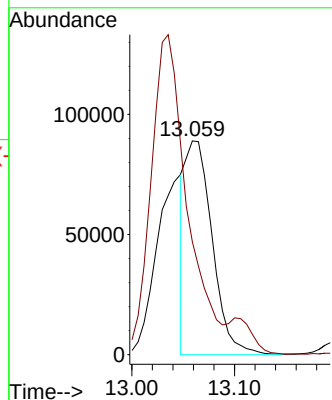
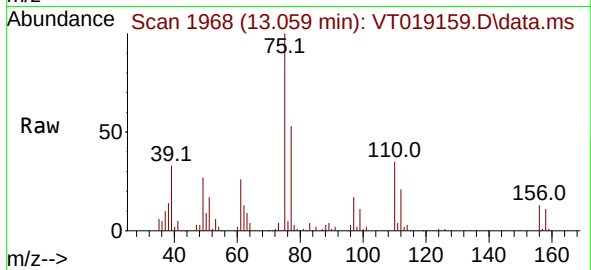
#72
1,2,3-Trichloropropane
Concen: 98.835 ug/l m
RT: 13.059 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 16425
Ion Ratio Lower Upper
75 100
77 197.8 0.0 74.2

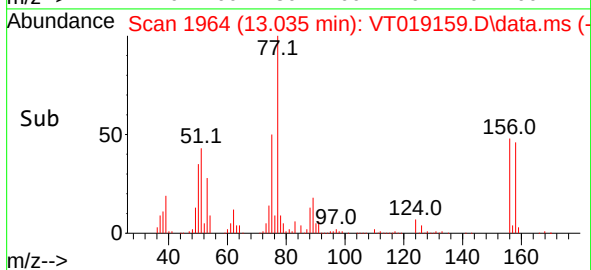
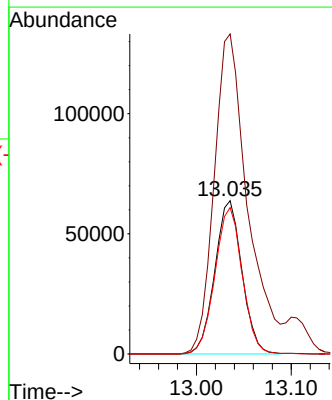
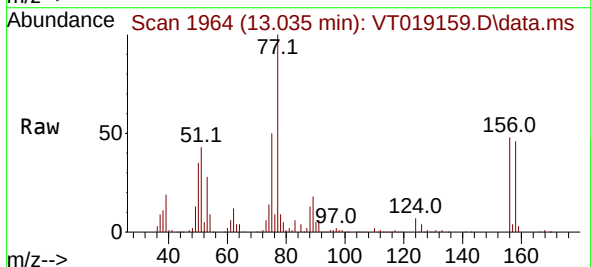
Manual Integrations
APPROVED

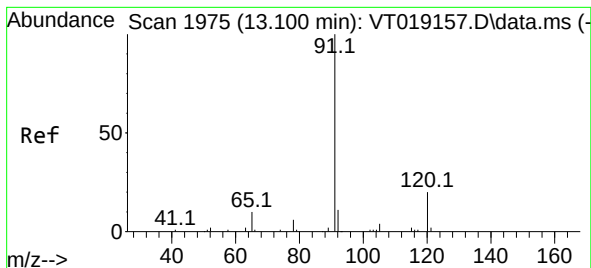
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#73
Bromobenzene
Concen: 100.351 ug/l
RT: 13.035 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:156 Resp: 126819
Ion Ratio Lower Upper
156 100
77 256.3 0.0 340.8
158 96.2 0.0 189.0





#74

n-propylbenzene

Concen: 99.910 ug/l

RT: 13.106 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 647440

Ion Ratio Lower Upper

91 100

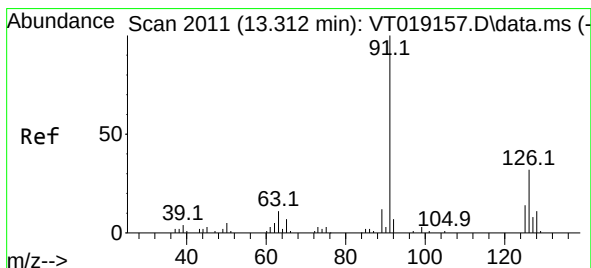
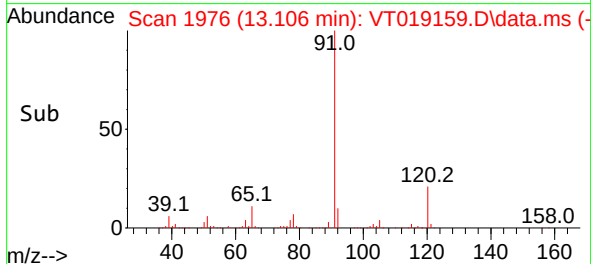
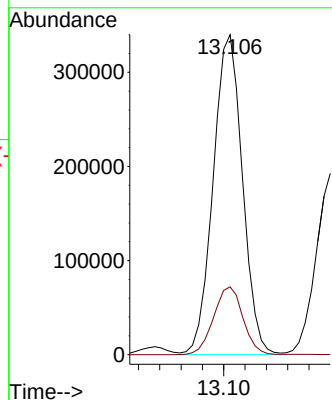
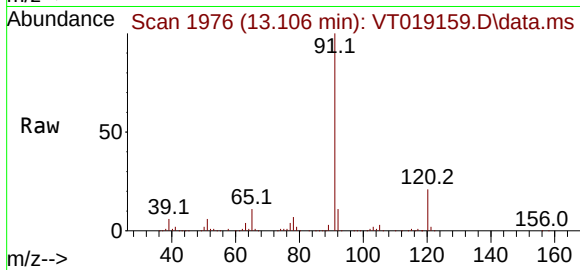
120 21.2 0.0 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#75

2-Chlorotoluene

Concen: 102.909 ug/l

RT: 13.312 min Scan# 2011

Delta R.T. -0.000 min

Lab File: VT019159.D

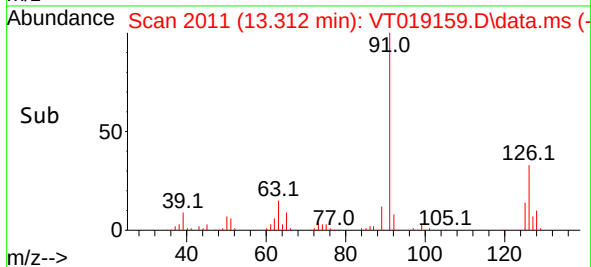
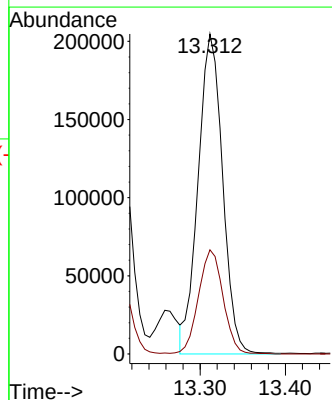
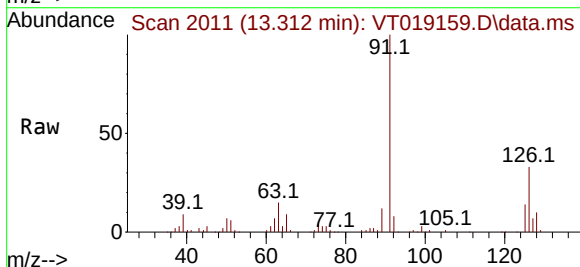
Acq: 22 Oct 2025 15:23

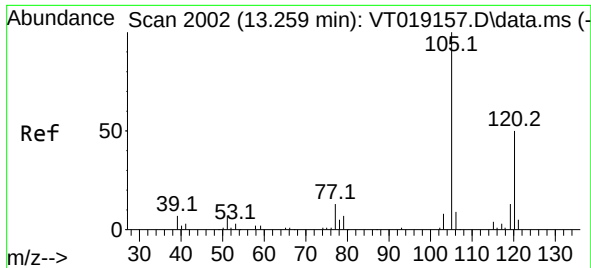
Tgt Ion: 91 Resp: 408247

Ion Ratio Lower Upper

91 100

126 32.7 0.0 63.6





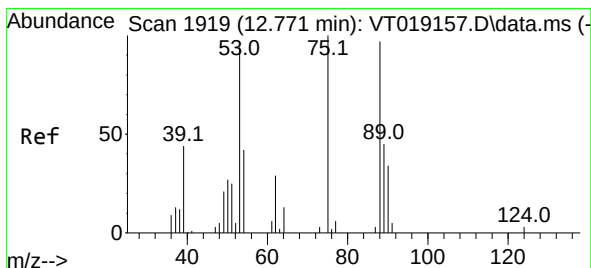
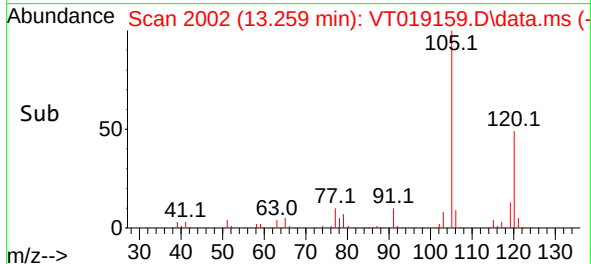
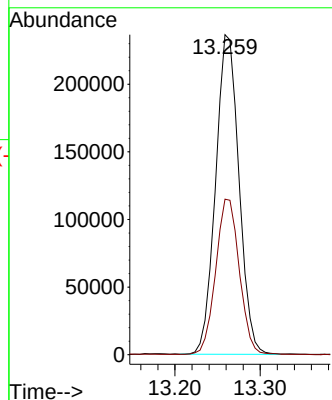
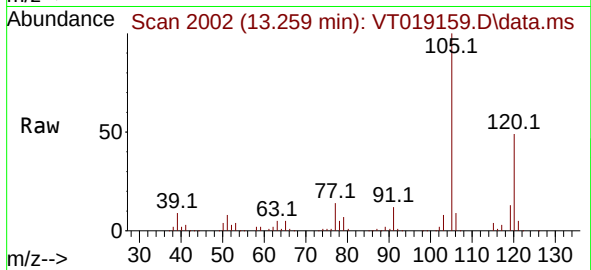
#76
1,3,5-Trimethylbenzene
Concen: 102.248 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:105 Resp: 45080
Ion Ratio Lower Upper
105 100
120 49.4 0.0 93.0

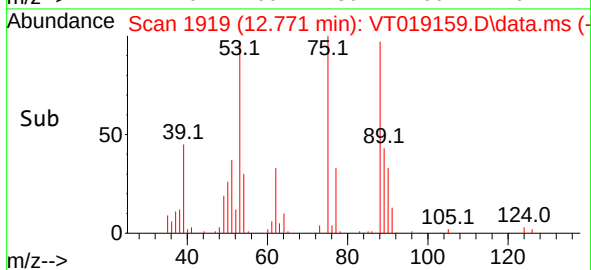
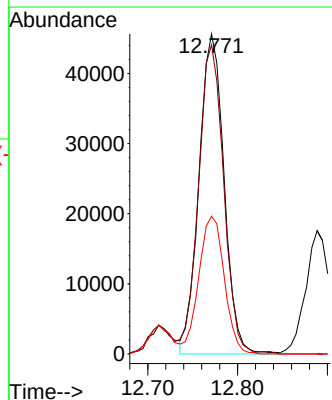
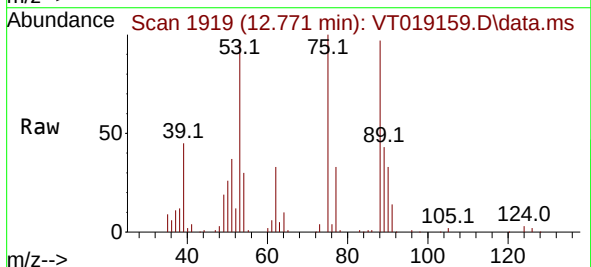
Manual Integrations
APPROVED

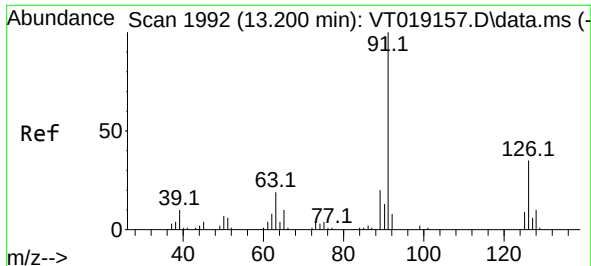
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#77
t-1,4-Dichloro-2-butene
Concen: 116.923 ug/l
RT: 12.771 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion: 75 Resp: 88420
Ion Ratio Lower Upper
75 100
53 97.0 48.4 145.2
89 43.3 33.8 101.3





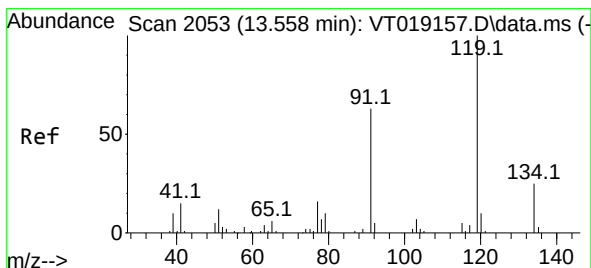
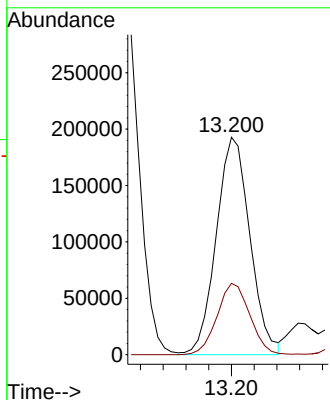
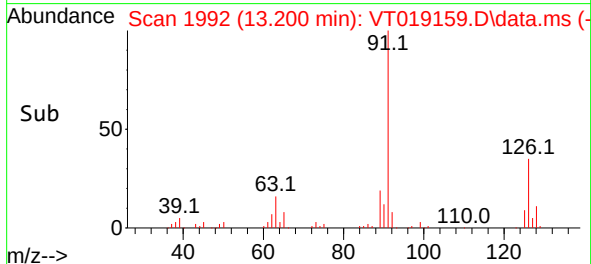
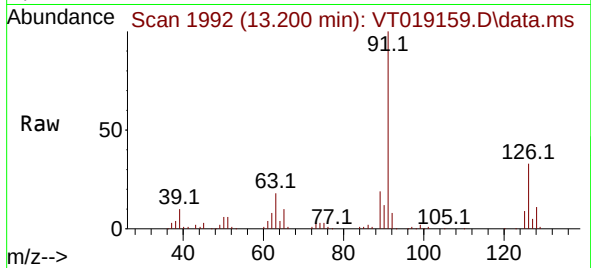
#78
4-Chlorotoluene
Concen: 101.433 ug/l
RT: 13.200 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 396935
Ion Ratio Lower Upper
91 100
126 31.9 0.0 57.2

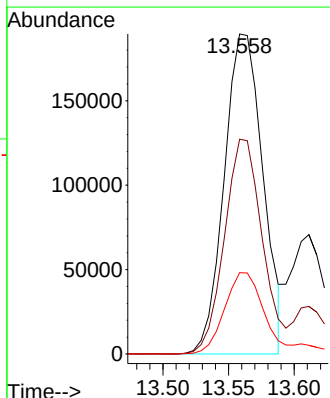
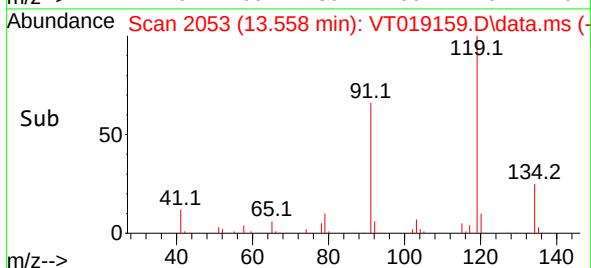
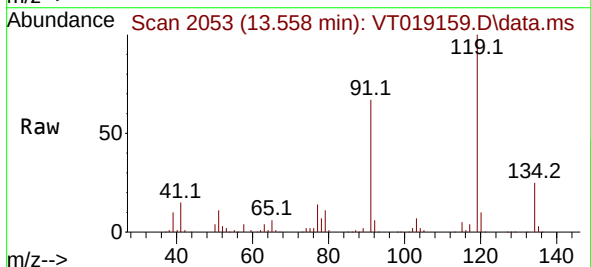
Manual Integrations
APPROVED

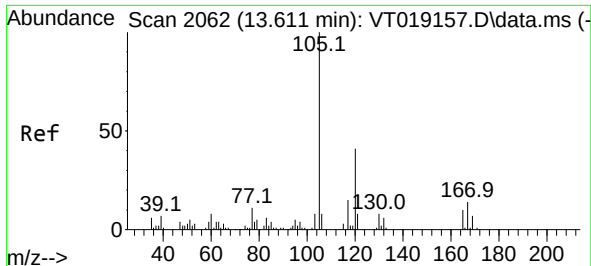
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#79
tert-butylbenzene
Concen: 99.237 ug/l
RT: 13.558 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:119 Resp: 388585
Ion Ratio Lower Upper
119 100
91 65.9 0.0 120.6
134 25.8 0.0 46.0





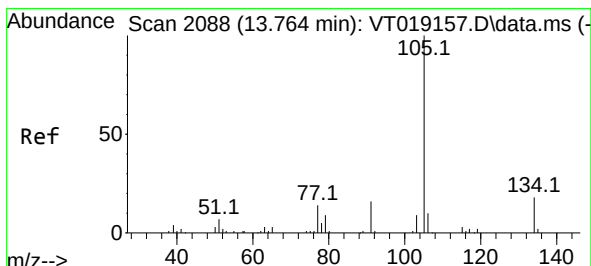
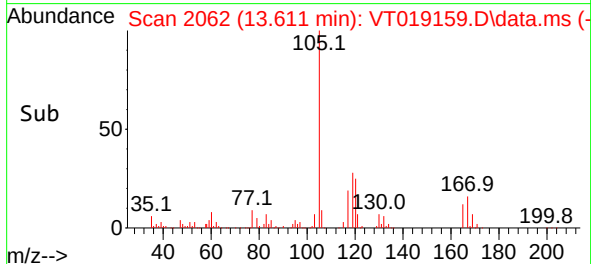
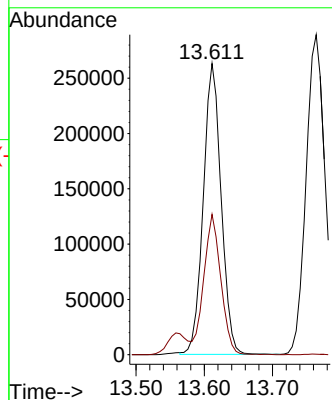
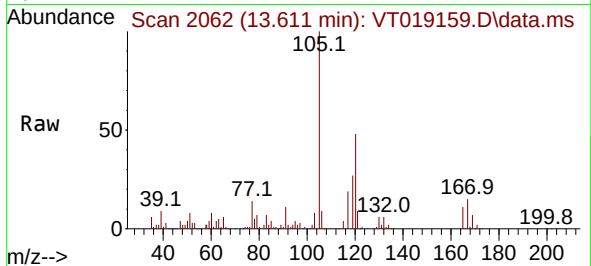
#80
1,2,4-Trimethylbenzene
Concen: 104.020 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 47850
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.6

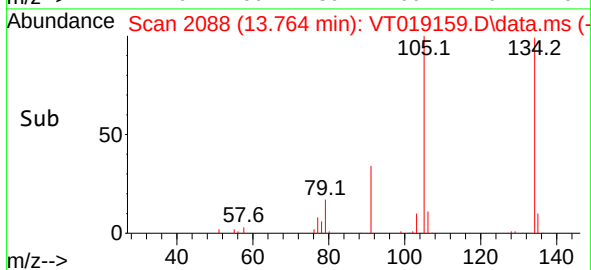
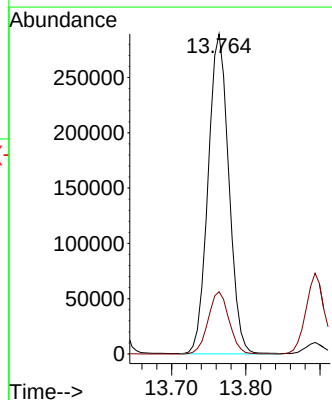
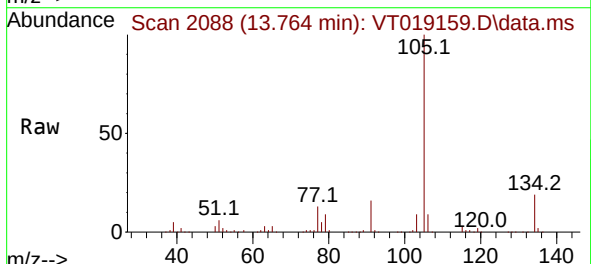
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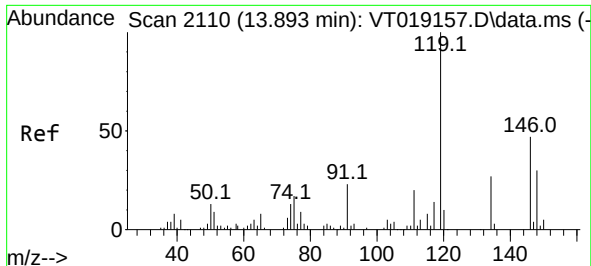
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#81
sec-Butylbenzene
Concen: 99.397 ug/l
RT: 13.764 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Tgt Ion:105 Resp: 560815
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.4





#82

p-Isopropyltoluene

Concen: 105.126 ug/l

RT: 13.893 min Scan# 2110

Delta R.T. 0.000 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 49345

Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

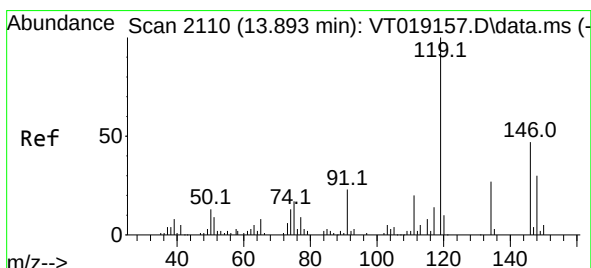
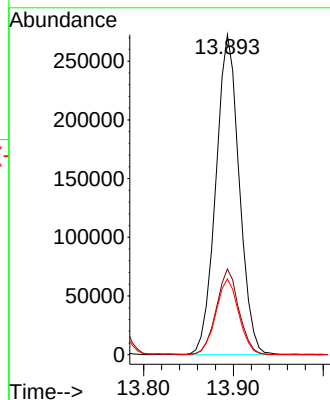
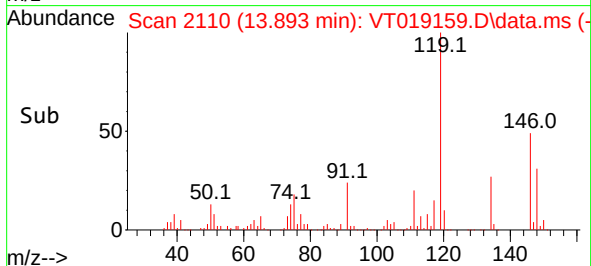
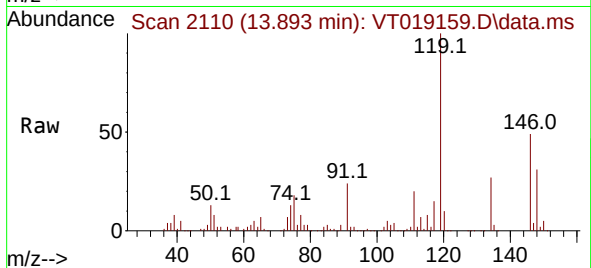
91 23.3 0.0 51.0

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#83

1,3-Dichlorobenzene

Concen: 104.930 ug/l

RT: 13.893 min Scan# 2110

Delta R.T. 0.000 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

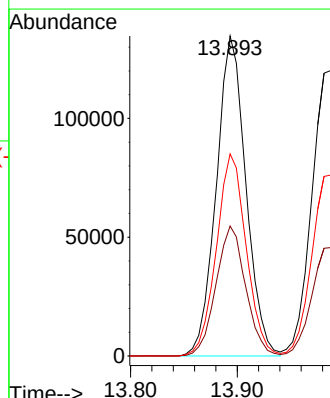
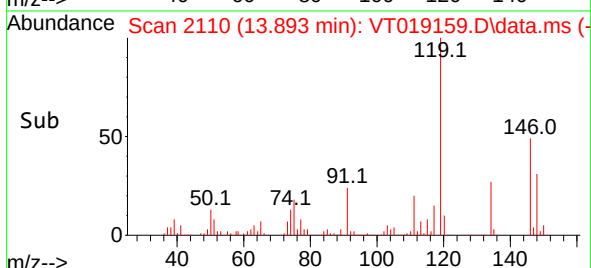
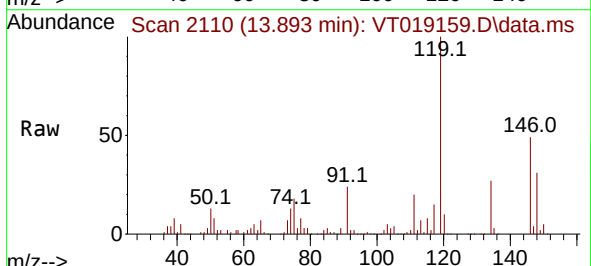
Tgt Ion:146 Resp: 260059

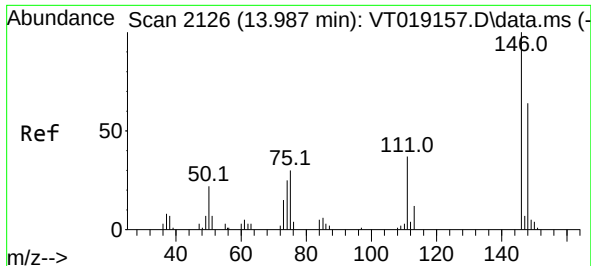
Ion Ratio Lower Upper

146 100

111 40.7 20.7 62.1

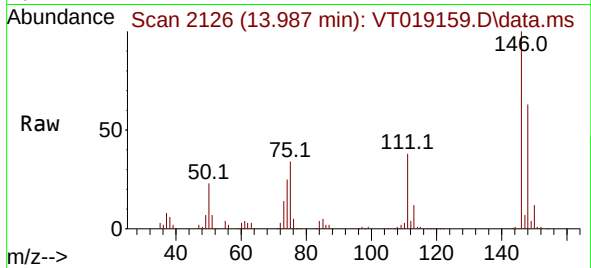
148 63.6 31.8 95.3





#84
1,4-Dichlorobenzene
Concen: 101.040 ug/l
RT: 13.987 min Scan# 2126
Delta R.T. 0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

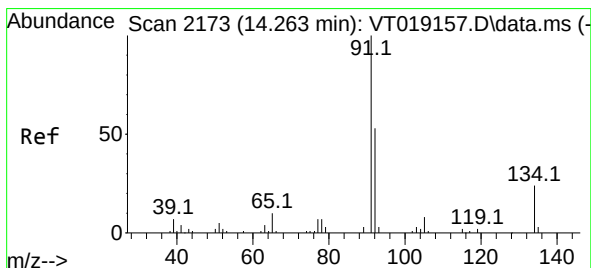
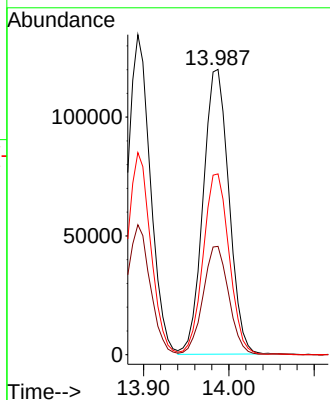
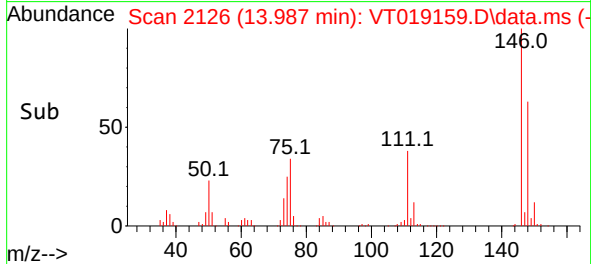
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100



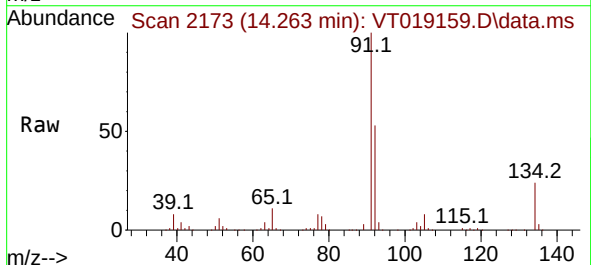
Tgt Ion:146 Resp: 252128
Ion Ratio Lower Upper
146 100
111 37.9 20.4 61.3
148 64.2 32.3 96.8

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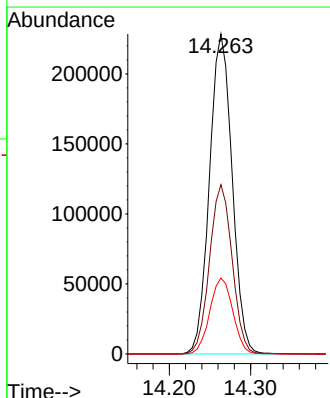
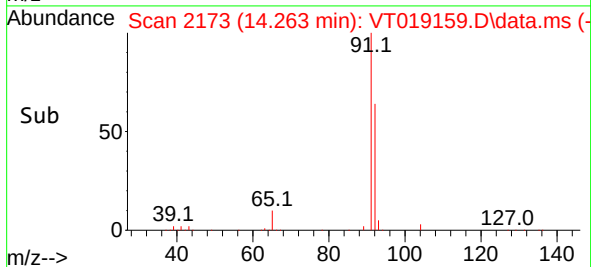
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

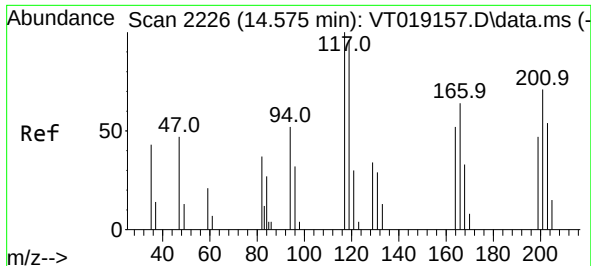


#85
n-Butylbenzene
Concen: 103.135 ug/l
RT: 14.263 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23



Tgt Ion: 91 Resp: 443060
Ion Ratio Lower Upper
91 100
92 52.6 0.0 107.8
134 24.1 0.0 50.0





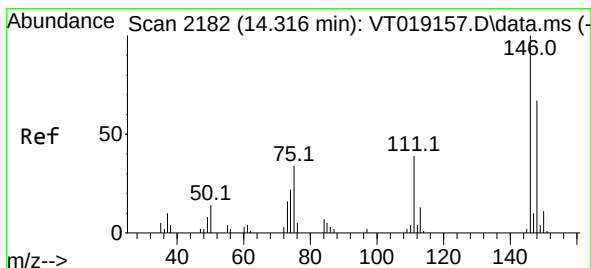
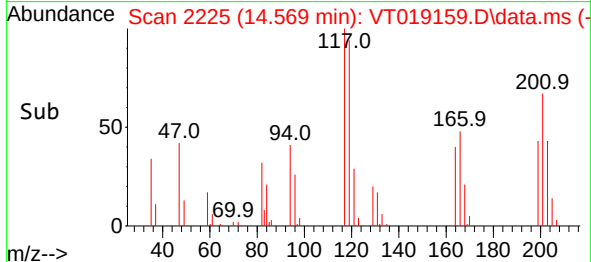
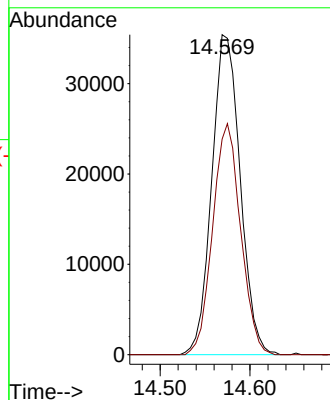
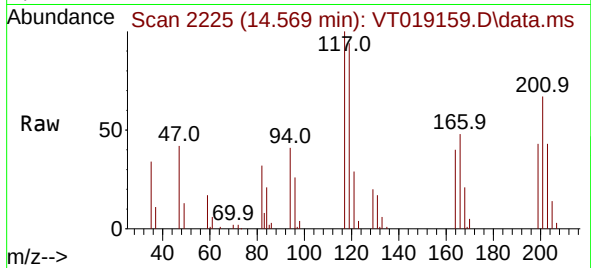
#86
Hexachloroethane
Concen: 123.685 ug/l
RT: 14.569 min Scan# 2117
Delta R.T. -0.006 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 77804
Ion Ratio Lower Upper
117 100
201 70.8 0.5 1.5

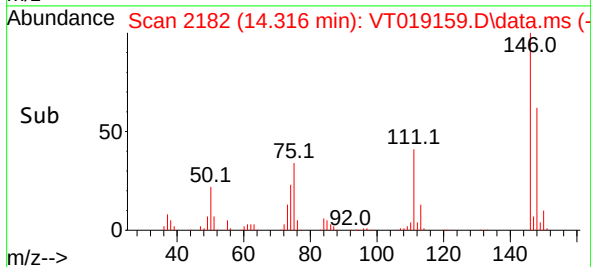
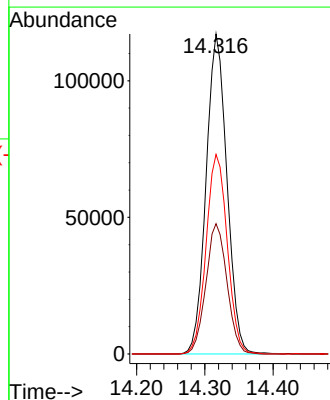
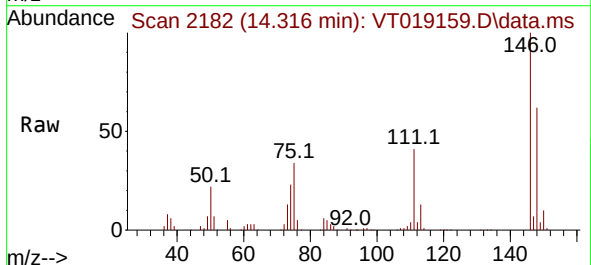
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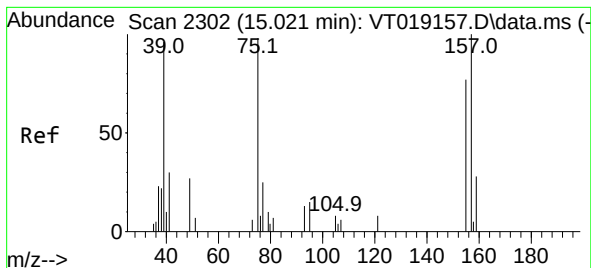
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#87
1,2-Dichlorobenzene
Concen: 100.485 ug/l
RT: 14.316 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VT019159.D
Acq: 22 Oct 2025 15:23

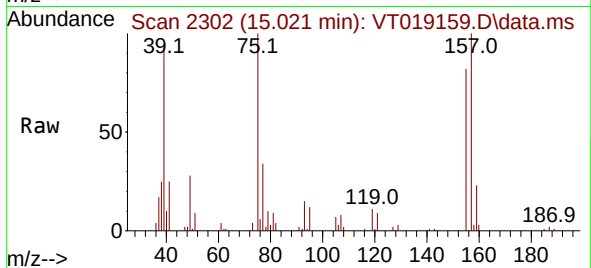
Tgt Ion:146 Resp: 248793
Ion Ratio Lower Upper
146 100
111 41.3 21.8 65.3
148 63.4 32.4 97.0





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 104.671 ug/l
 RT: 15.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

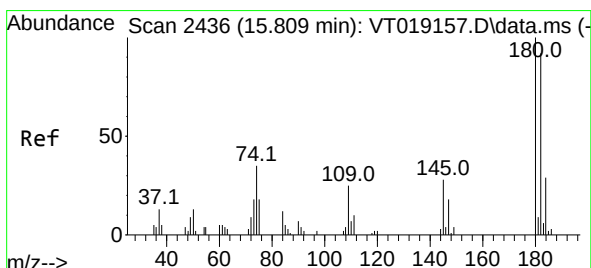
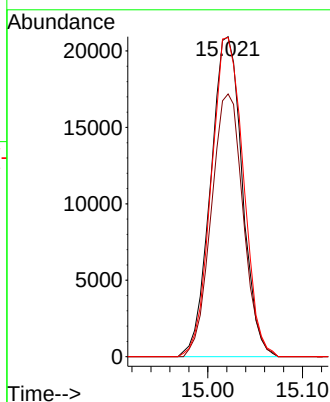
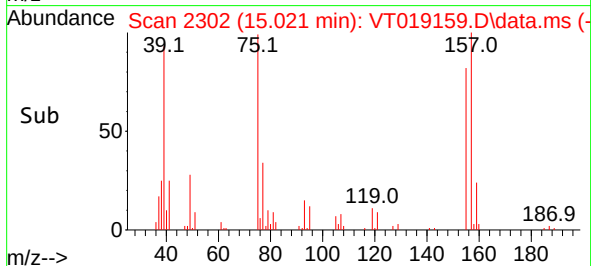
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 48490
 Ion Ratio Lower Upper
 75 100
 155 82.6 65.4 98.2
 157 101.0 82.0 123.0

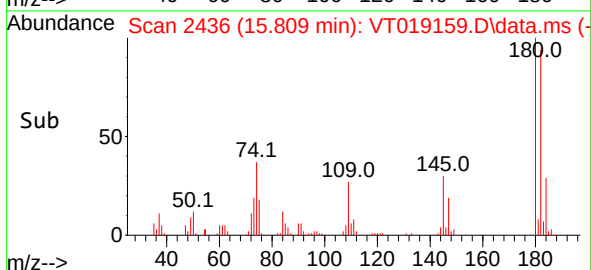
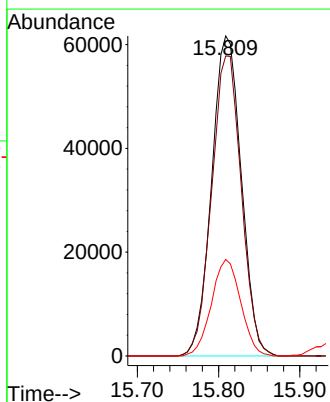
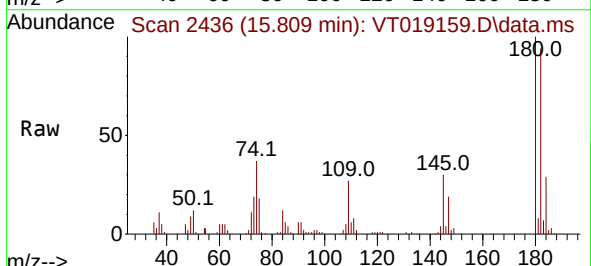
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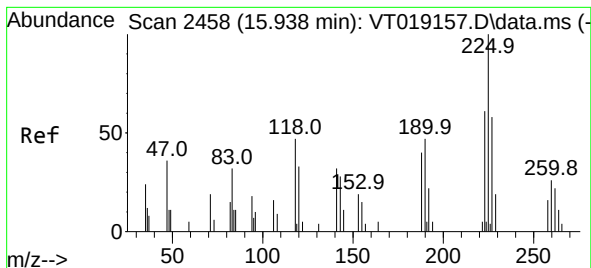
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 103.476 ug/l
 RT: 15.809 min Scan# 2436
 Delta R.T. -0.000 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

Tgt Ion:180 Resp: 155964
 Ion Ratio Lower Upper
 180 100
 182 94.0 78.2 117.2
 145 29.8 26.5 39.7





#90

Hexachlorobutadiene

Concen: 96.676 ug/l

RT: 15.932 min Scan# 2458

Delta R.T. -0.006 min

Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC100

Tgt Ion:225 Resp: 48314

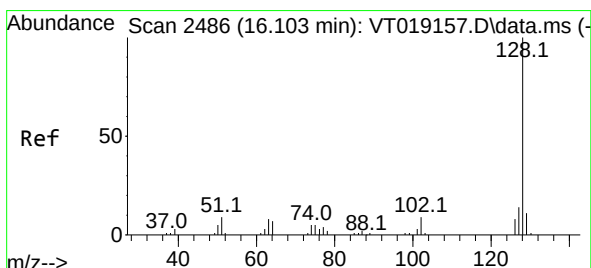
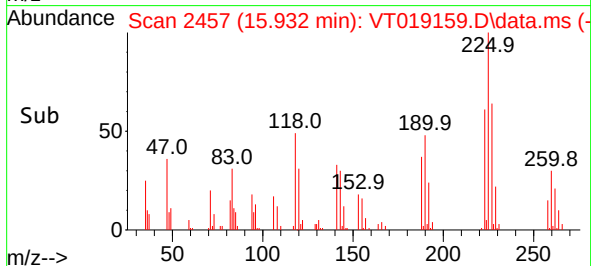
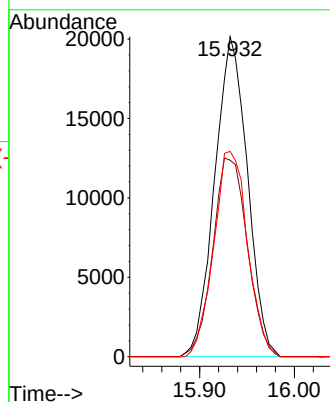
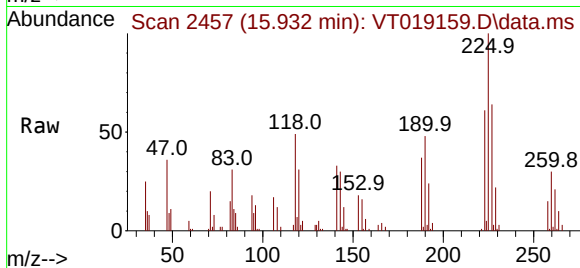
Ion	Ratio	Lower	Upper
225	100		
223	65.6	0.0	73.8
227	66.3	0.0	130.6

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#91

Naphthalene

Concen: 103.635 ug/l

RT: 16.102 min Scan# 2486

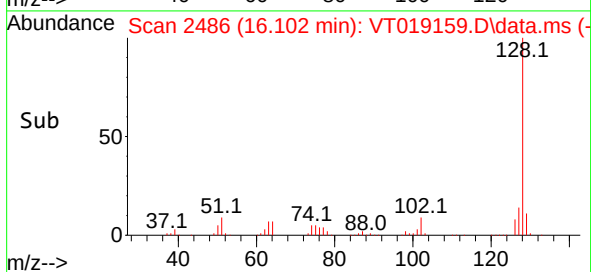
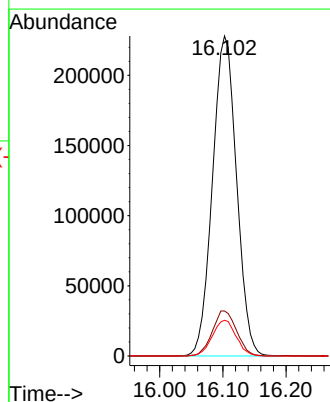
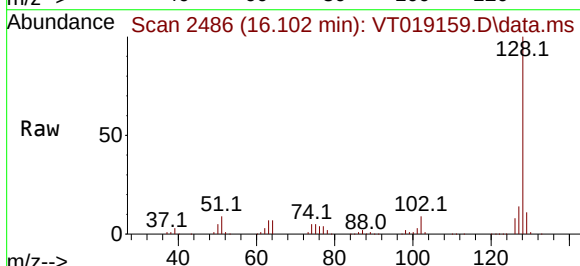
Delta R.T. 0.005 min

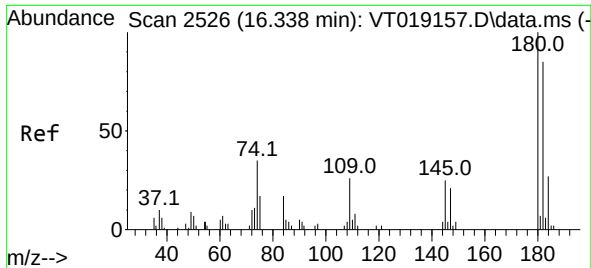
Lab File: VT019159.D

Acq: 22 Oct 2025 15:23

Tgt Ion:128 Resp: 603762

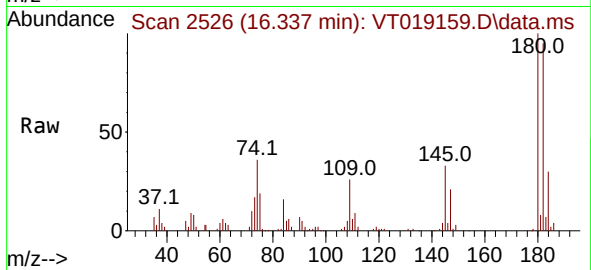
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	11.0	9.0	13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 102.615 ug/l
 RT: 16.337 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VT019159.D
 Acq: 22 Oct 2025 15:23

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC100



Tgt Ion:180 Resp: 156115
 Ion Ratio Lower Upper
 180 100
 182 94.9 0.0 189.0
 145 32.7 0.0 69.2

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

