

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019158.D
 Acq On : 22 Oct 2025 14:58
 Operator : SY/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:13:00 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

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

Internal Standards						
1) Bromochloromethane	7.083	128	21644	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.582	114	135115	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.755	117	112485	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.971	65	56208	29.642	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.800%	
60) 4-Bromofluorobenzene	12.889	95	54023	30.558	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.867%	
63) Toluene-d8	10.256	98	165318	30.195	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.667%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.878	85	27792	37.474	ug/l	100
3) Chloromethane	2.113	50	62781	44.645	ug/l	98
4) Vinyl Chloride	2.201	62	74992	47.095	ug/l	98
5) Bromomethane	2.542	94	35066	25.146	ug/l	89
6) Chloroethane	2.671	64	57818	41.938	ug/l	92
7) Trichlorofluoromethane	2.982	101	112750	45.625	ug/l	97
8) Diethyl Ether	3.364	74	73919	48.582	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.687	101	43094	44.416	ug/l	96
10) 1,1-Dichloroethene	3.664	96	44059	45.331	ug/l	98
11) Methyl Iodide	3.869	142	51053	52.570	ug/l	# 8
12) Methyl Acetate	4.228	43	204102	53.104	ug/l	98
13) Acrolein	3.546	56	37375	288.328	ug/l	99
14) Acrylonitrile	4.857	53	283212	239.065	ug/l	99
15) Acetone	3.746	58	91939	217.824	ug/l	100
16) Carbon Disulfide	3.963	76	85071	46.863	ug/l	99
17) Allyl chloride	4.216	41	118049	51.094	ug/l	92
18) Methylene Chloride	4.434	84	65638	45.280	ug/l	98
19) trans-1,2-Dichloroethene	6.696	96	72629	48.569	ug/l	98
20) Diisopropyl ether	5.808	45	288044	48.975	ug/l	# 70
21) 1,1-Dichloroethane	5.703	63	130814	47.600	ug/l	97
22) cis-1,2-Dichloroethene	6.696	96	72629	48.569	ug/l	95
23) tert-Butyl Alcohol	4.686	59	119235	229.733	ug/l	# 100
24) Methyl tert-Butyl Ether	4.915	73	283194	48.440	ug/l	98
25) Chloroform	7.271	83	120983	48.126	ug/l	94
26) Cyclohexane	7.571	56	73480	45.563	ug/l	# 98
29) 1,1-Dichloropropene	7.718	75	66771	47.226	ug/l	97
30) 2-Butanone	6.707	43	405453	232.659	ug/l	99
31) 2,2-Dichloropropane	6.696	77	103174	49.842	ug/l	94
32) 1,1,1-Trichloroethane	7.483	97	85809	48.174	ug/l	# 75
33) Carbon Tetrachloride	7.694	117	58645	51.385	ug/l	# 97
34) Benzene	7.982	78	251545	48.023	ug/l	# 87
35) Methacrylonitrile	7.054	41	71720	48.351	ug/l	92
36) 1,2-Dichloroethane	8.076	62	93378	48.088	ug/l	98
37) Trichloroethene	8.852	130	46007	47.744	ug/l	89
38) Methylcyclohexane	9.122	83	66235	46.521	ug/l	98
39) 1,2-Dichloropropane	9.169	63	65506	47.749	ug/l	# 89
40) Dibromomethane	9.269	93	40841	48.282	ug/l	# 74
41) Bromodichloromethane	10.791	83	52702	48.505	ug/l	# 90
42) Vinyl Acetate	5.756	43	1042435	243.807	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019158.D
 Acq On : 22 Oct 2025 14:58
 Operator : SY/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:13:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.807	43	145471	50.780	ug/l	99
44) Isopropyl Acetate	8.123	43	217800	48.307	ug/l	97
45) 1,4-Dioxane	9.263	88	37802	966.453	ug/l #	75
46) Methyl methacrylate	9.257	41	100361	49.783	ug/l	83
47) n-amyl Acetate	12.501	43	155067	51.110	ug/l	98
48) t-1,3-Dichloropropene	10.585	75	99101	50.267	ug/l	98
49) cis-1,3-Dichloropropene	9.974	75	102314	49.403	ug/l	97
50) 1,1,2-Trichloroethane	10.791	97	59970	48.202	ug/l #	82
51) Ethyl methacrylate	10.644	69	116190	49.833	ug/l	95
52) 1,3-Dichloropropane	10.955	76	107055	48.176	ug/l	97
53) Dibromochloromethane	11.179	129	58911	50.734	ug/l #	2
54) 1,2-Dibromoethane	11.302	107	55761	48.187	ug/l	99
55) 2-Chloroethyl vinyl ether	9.810	63	168367	247.590	ug/l	98
56) Bromoform	12.577	173	41752	54.725	ug/l #	17
58) 4-Methyl-2-Pentanone	10.139	43	681568	247.421	ug/l	98
59) 2-Hexanone	10.139	43	681568	247.421	ug/l #	83
61) Tetrachloroethene	10.873	164	33803	47.543	ug/l	92
62) Toluene	10.333	91	246143	48.855	ug/l	98
64) Chlorobenzene	11.784	112	150066	48.763	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.872	131	50307	50.185	ug/l	92
66) Ethyl Benzene	11.872	91	267564	48.865	ug/l	100
67) m/p-Xylenes	12.001	106	196356	96.466	ug/l	98
68) o-Xylene	12.371	106	102130	48.610	ug/l	96
69) Styrene	12.389	104	185483	49.173	ug/l	96
70) Isopropylbenzene	12.712	105	253686	49.226	ug/l	100
71) 1,1,2,2-Tetrachloroethane	13.000	83	99394	49.155	ug/l	98
72) 1,2,3-Trichloropropane	13.059	75	76694m	48.123	ug/l	
73) Bromobenzene	13.035	156	58211	48.034	ug/l	60
74) n-propylbenzene	13.100	91	301172	48.465	ug/l	98
75) 2-Chlorotoluene	13.312	91	190268	50.015	ug/l	99
76) 1,3,5-Trimethylbenzene	13.265	105	209165	49.472	ug/l	95
77) t-1,4-Dichloro-2-butene	12.771	75	39126	53.954	ug/l	86
78) 4-Chlorotoluene	13.200	91	184094	49.058	ug/l	93
79) tert-butylbenzene	13.564	119	180140	47.974	ug/l	94
80) 1,2,4-Trimethylbenzene	13.611	105	216711	49.127	ug/l	99
81) sec-Butylbenzene	13.764	105	263662	48.731	ug/l	99
82) p-Isopropyltoluene	13.893	119	218054	48.443	ug/l	97
83) 1,3-Dichlorobenzene	13.893	146	116336	48.950	ug/l	98
84) 1,4-Dichlorobenzene	13.987	146	117786	49.224	ug/l	98
85) n-Butylbenzene	14.263	91	206859	50.214	ug/l	98
86) Hexachloroethane	14.575	117	33443	55.440	ug/l #	1
87) 1,2-Dichlorobenzene	14.316	146	118414	49.874	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	15.021	75	22909	51.569	ug/l	97
89) 1,2,4-Trichlorobenzene	15.809	180	71859	49.717	ug/l	96
90) Hexachlorobutadiene	15.932	225	22983	47.958	ug/l	82
91) Naphthalene	16.102	128	277803	49.726	ug/l	98
92) 1,2,3-Trichlorobenzene	16.337	180	71935	49.307	ug/l	99

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

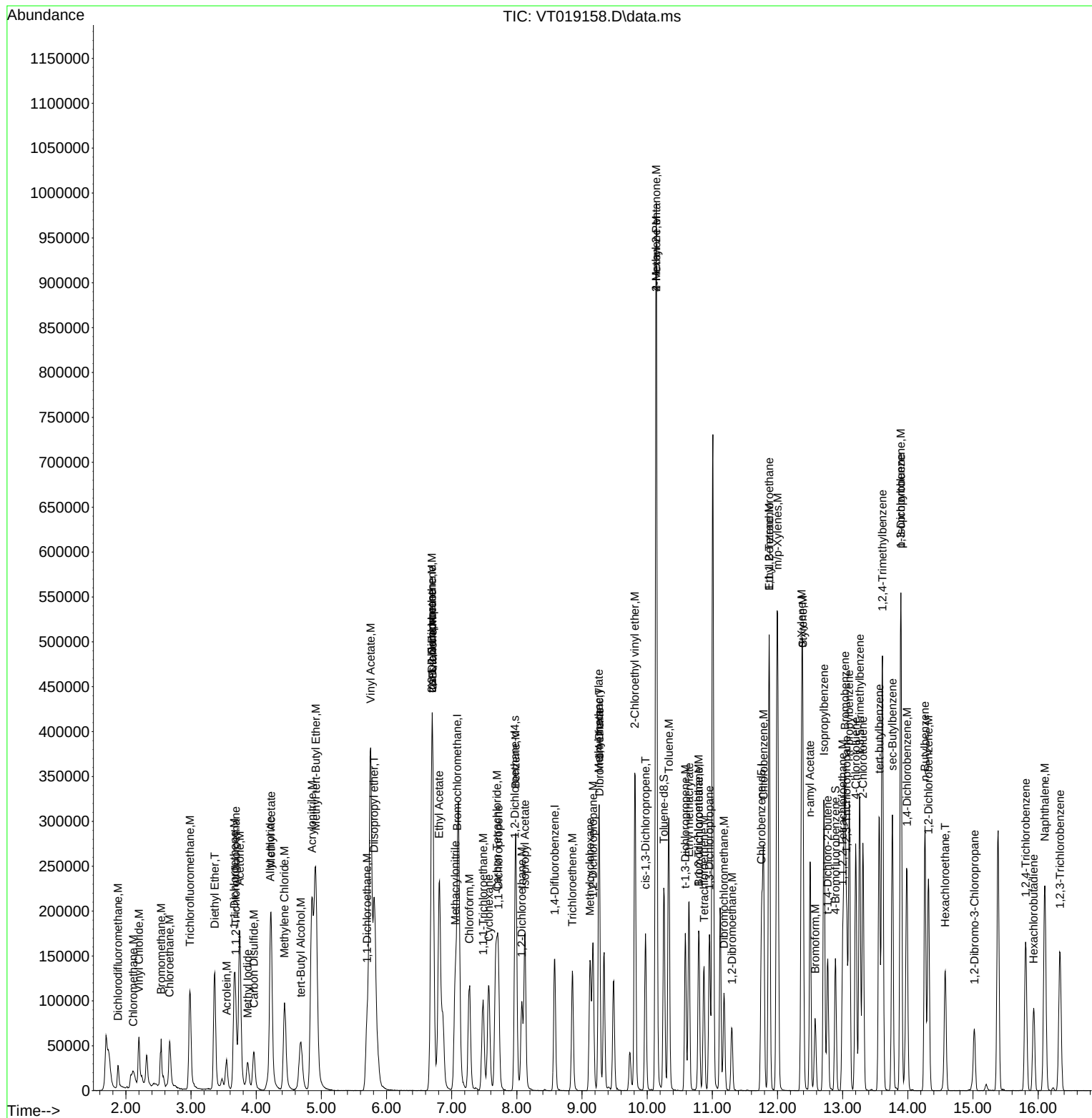
Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
Data File : VT019158.D
Acq On : 22 Oct 2025 14:58
Operator : SY/MD
Sample : VSTDIC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 7 Sample Multiplier: 1

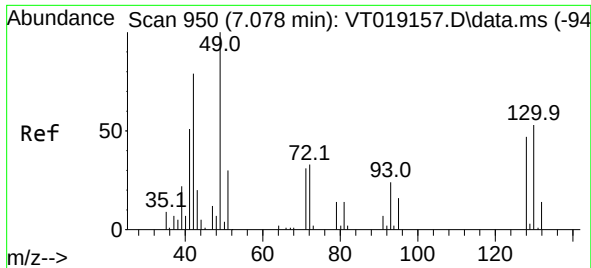
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Manual Integrations
APPROVED

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

Quant Time: Oct 24 05:13:00 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





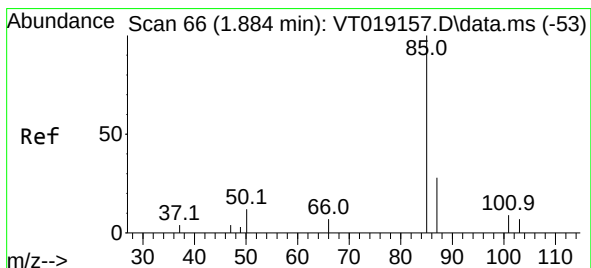
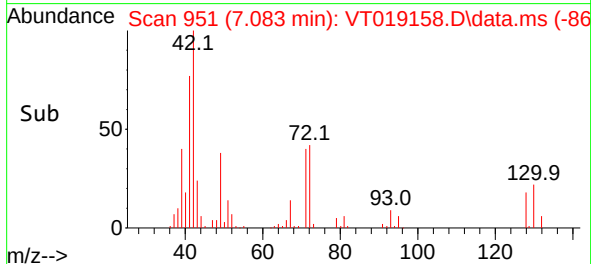
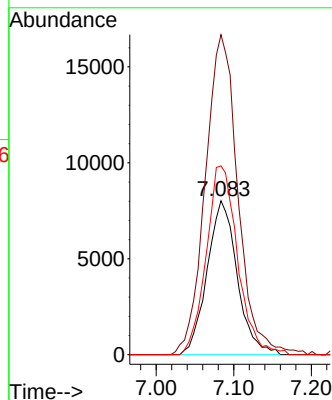
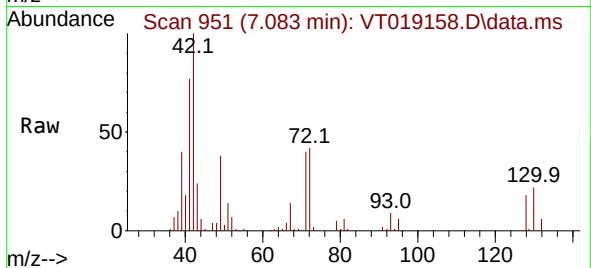
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.083 min Scan# 91
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 21644
Ion Ratio Lower Upper
128 100
49 225.6 0.0 0.0
130 128.2 0.0 0.0

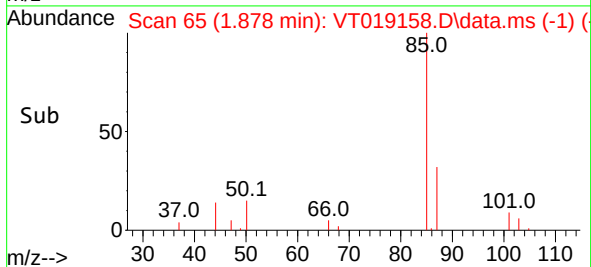
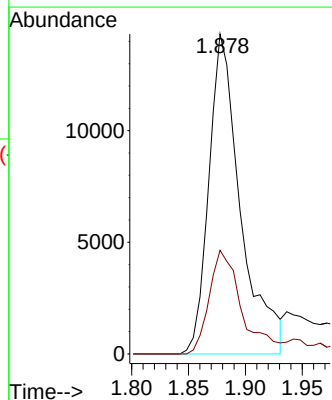
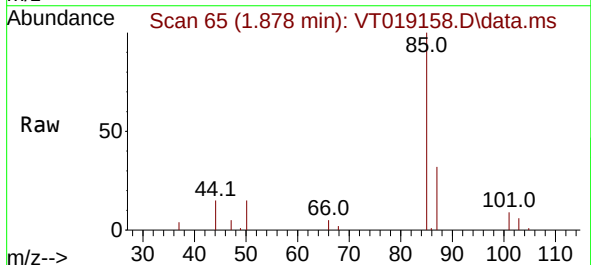
Manual Integrations
APPROVED

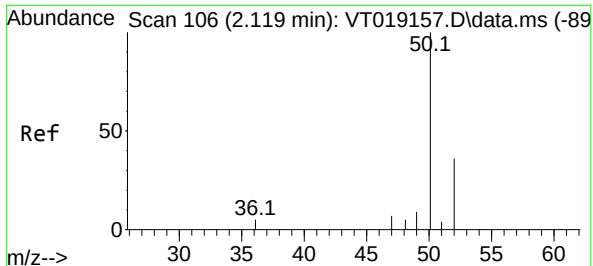
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 37.474 ug/l
RT: 1.878 min Scan# 65
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 85 Resp: 27792
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.1





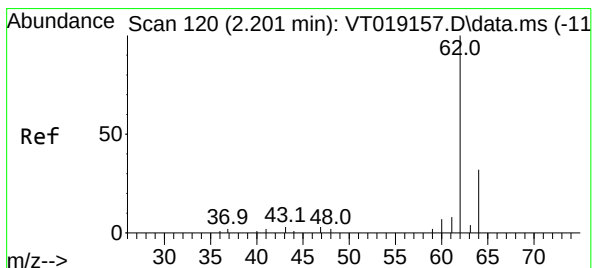
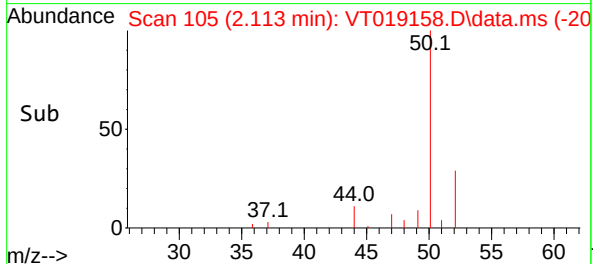
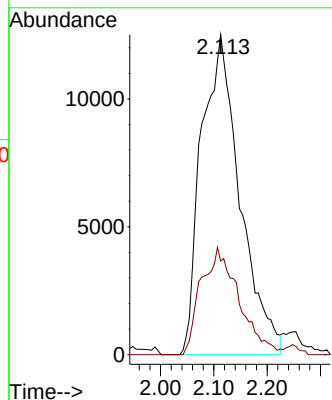
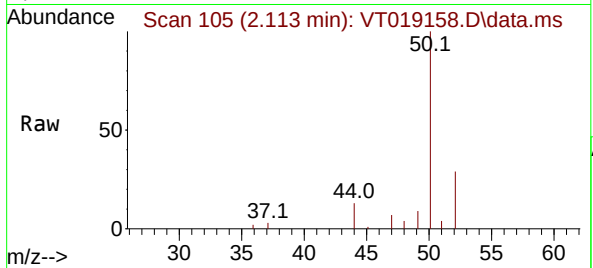
#3
Chloromethane
Concen: 44.645 ug/l
RT: 2.113 min Scan# 105
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 6278
Ion Ratio Lower Upper
50 100
52 29.2 24.4 36.6

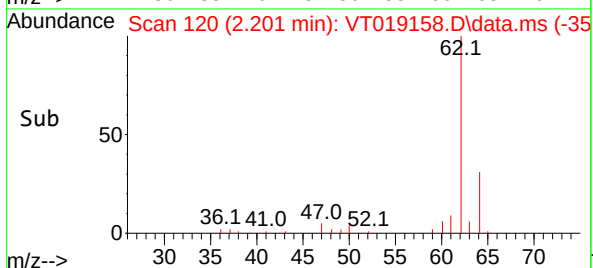
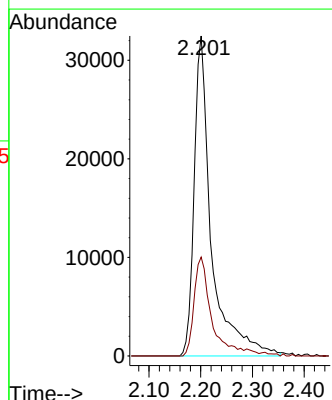
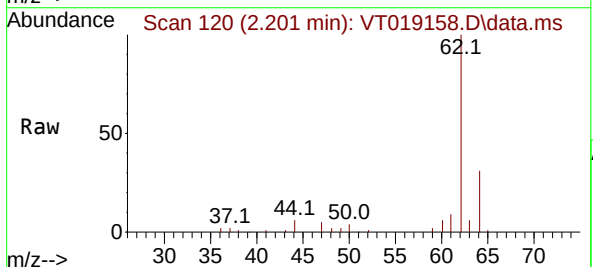
Manual Integrations
APPROVED

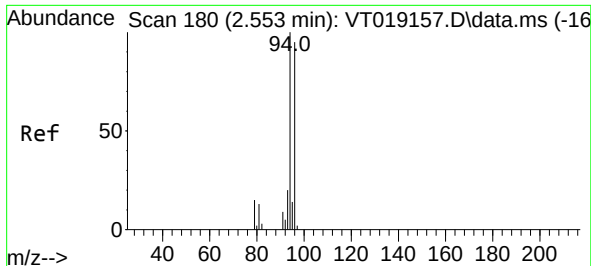
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 47.095 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 62 Resp: 74992
Ion Ratio Lower Upper
62 100
64 30.9 25.7 38.5





#5

Bromomethane

Concen: 25.146 ug/l

RT: 2.542 min Scan# 11

Delta R.T. 0.012 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC050

Tgt Ion: 94 Resp: 3506

Ion Ratio Lower Upper

94 100

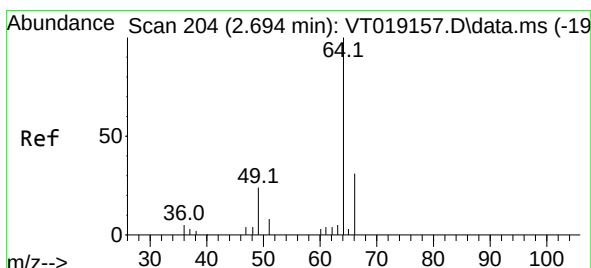
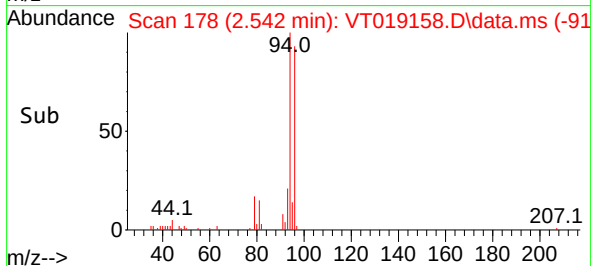
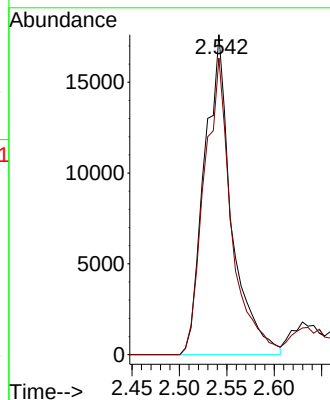
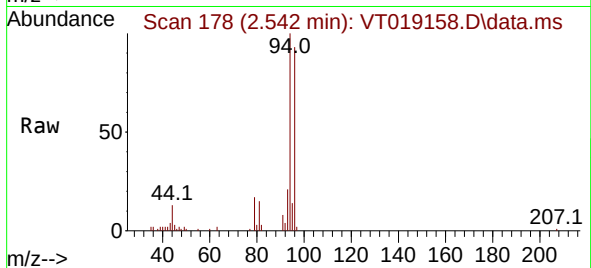
96 92.7 66.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#6

Chloroethane

Concen: 41.938 ug/l

RT: 2.671 min Scan# 200

Delta R.T. -0.006 min

Lab File: VT019158.D

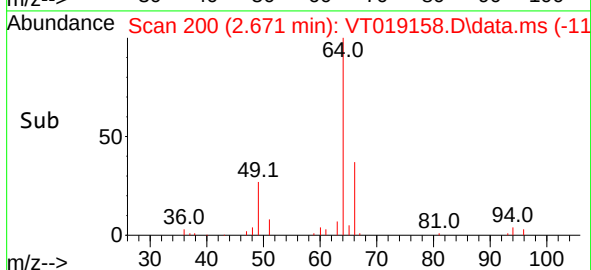
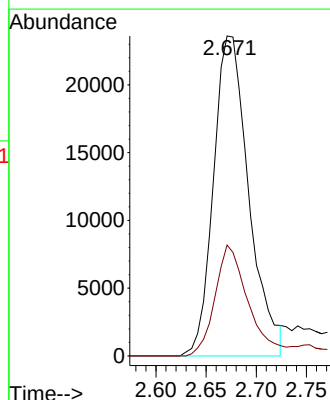
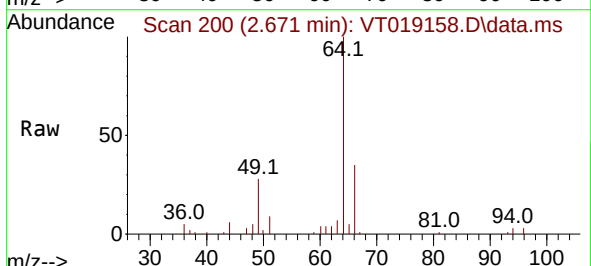
Acq: 22 Oct 2025 14:58

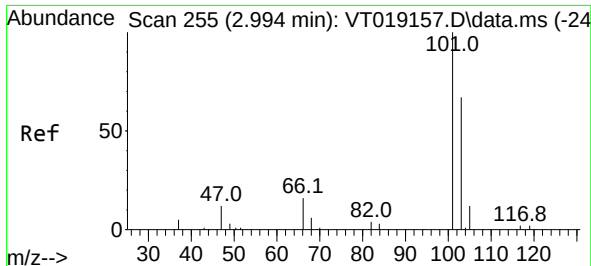
Tgt Ion: 64 Resp: 57818

Ion Ratio Lower Upper

64 100

66 34.6 24.3 36.5





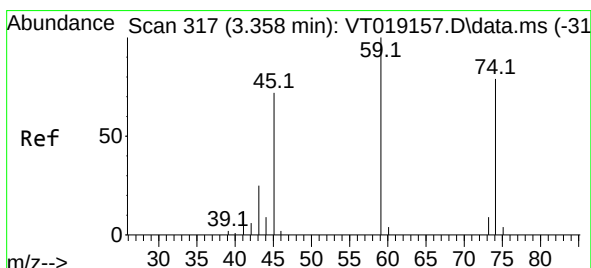
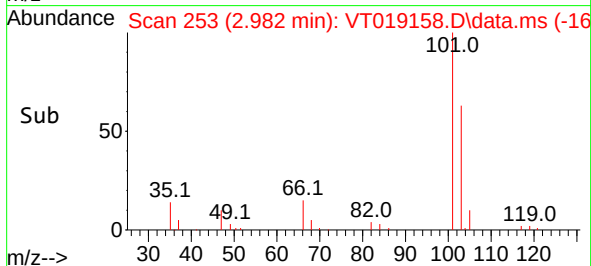
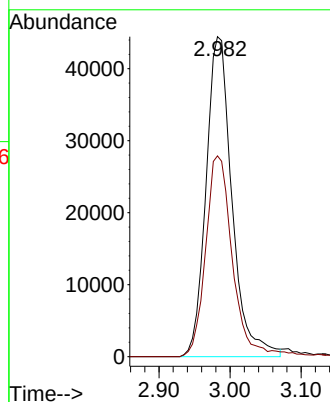
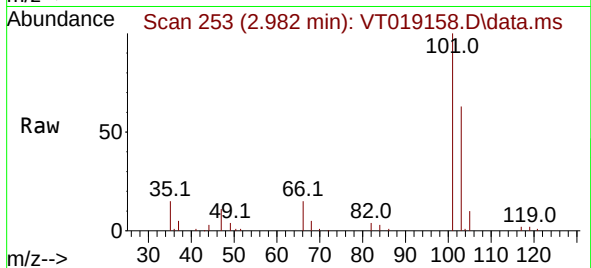
#7
Trichlorofluoromethane
Concen: 45.625 ug/l
RT: 2.982 min Scan# 21
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 112750
Ion Ratio Lower Upper
101 100
103 62.7 52.4 78.6

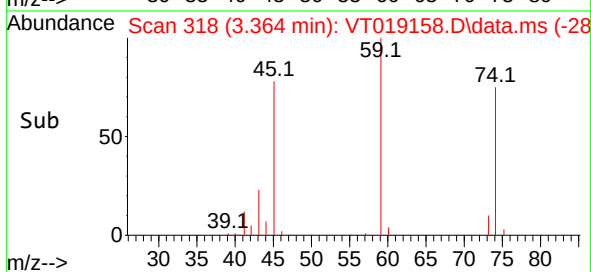
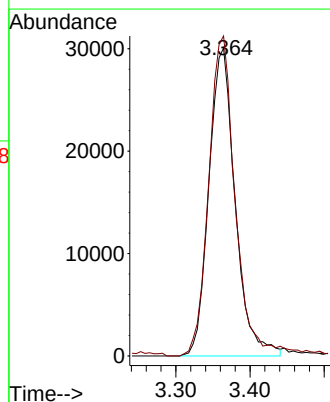
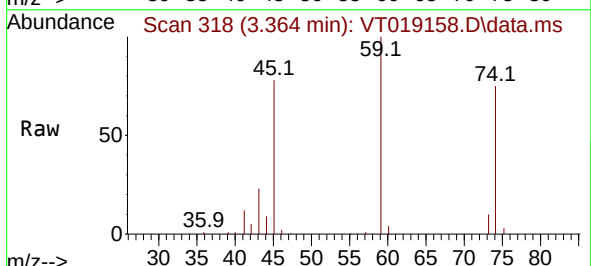
Manual Integrations
APPROVED

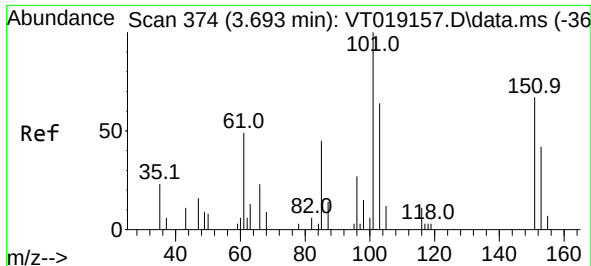
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 48.582 ug/l
RT: 3.364 min Scan# 318
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 74 Resp: 73919
Ion Ratio Lower Upper
74 100
45 102.1 22.0 197.6





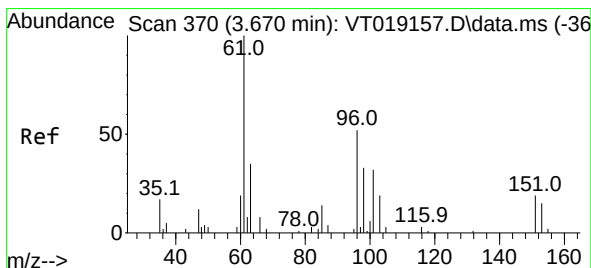
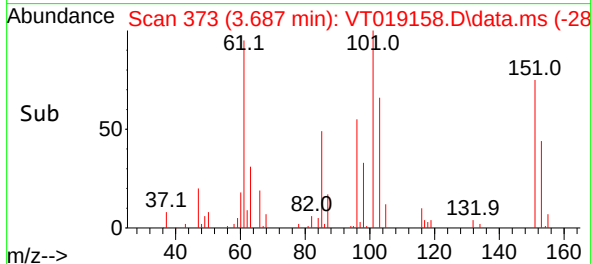
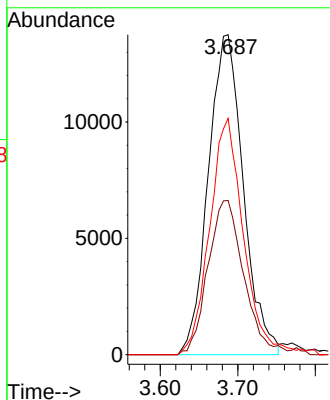
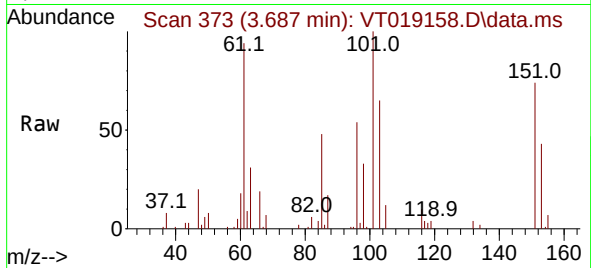
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.416 ug/l
RT: 3.687 min Scan# 31
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 43094
Ion Ratio Lower Upper
101 100
85 48.8 0.0 91.8
151 71.3 0.0 137.2

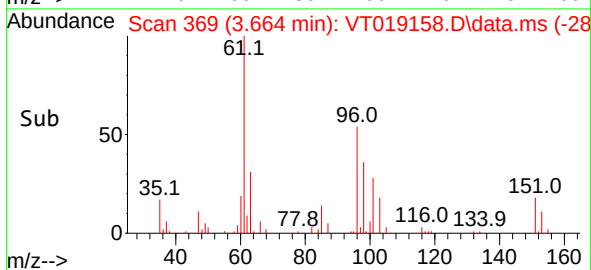
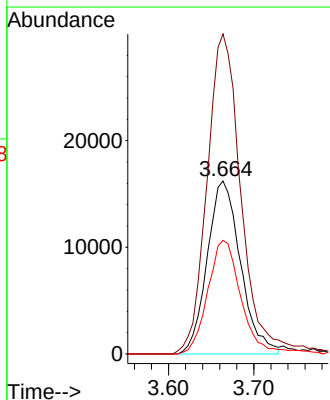
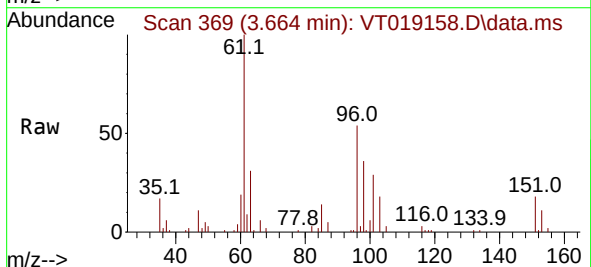
Manual Integrations
APPROVED

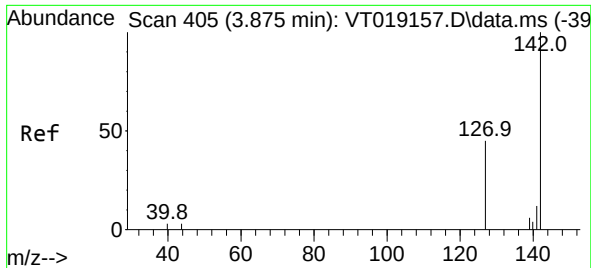
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
1,1-Dichloroethene
Concen: 45.331 ug/l
RT: 3.664 min Scan# 369
Delta R.T. -0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

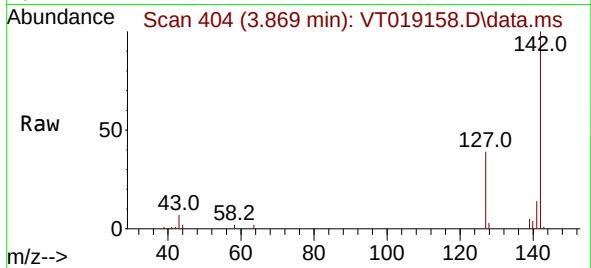
Tgt Ion: 96 Resp: 44059
Ion Ratio Lower Upper
96 100
61 183.1 145.5 218.3
98 65.7 49.5 74.3





#11
Methyl Iodide
Concen: 52.570 ug/l
RT: 3.869 min Scan# 405
Delta R.T. -0.001 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

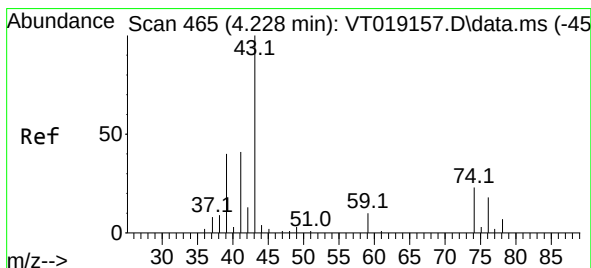
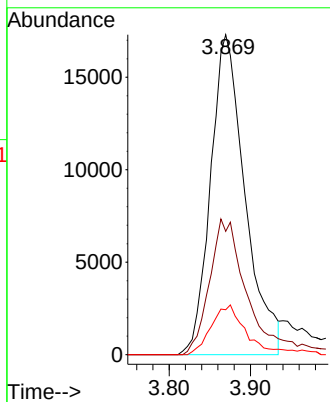
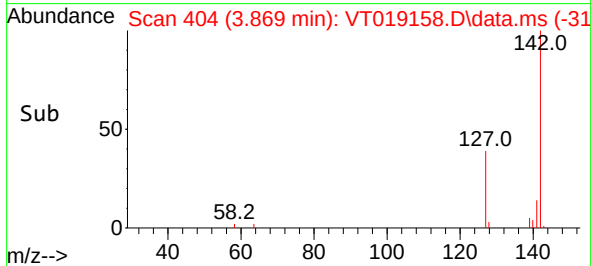
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 5105
Ion Ratio Lower Upper
142 100
127 38.1 0.9 2.8
141 13.9 55.5 166.5

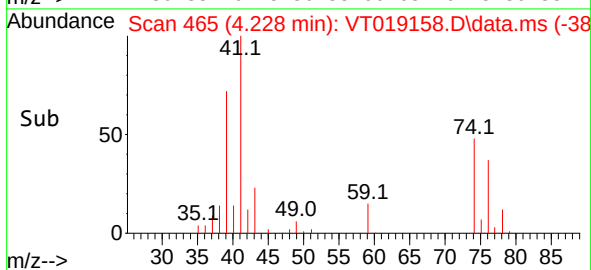
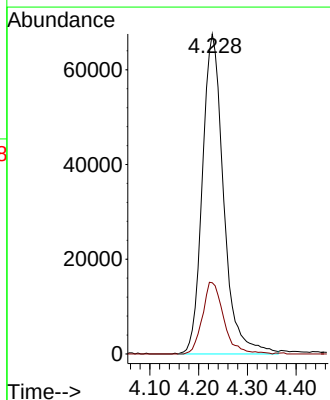
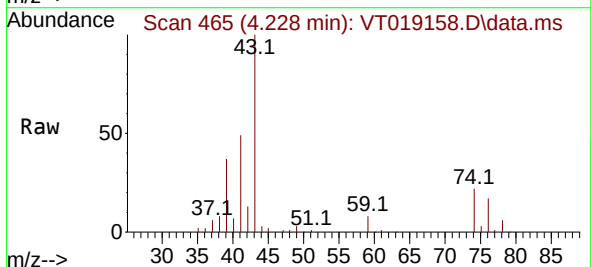
Manual Integrations
APPROVED

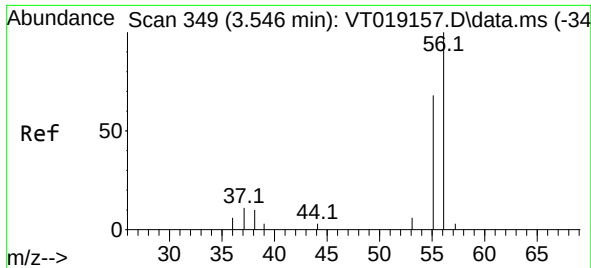
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 53.104 ug/l
RT: 4.228 min Scan# 465
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

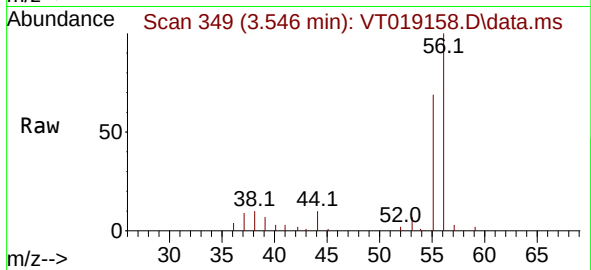
Tgt Ion: 43 Resp: 204102
Ion Ratio Lower Upper
43 100
74 22.2 18.4 27.6





#13
Acrolein
Concen: 288.328 ug/l
RT: 3.546 min Scan# 349
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

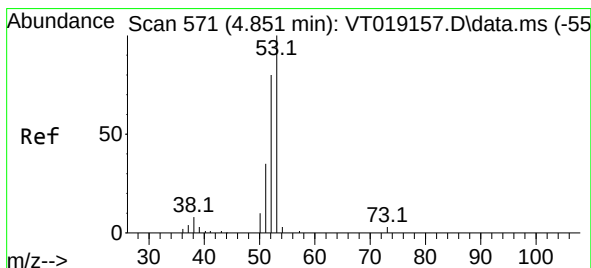
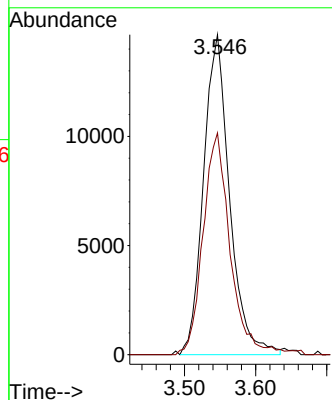
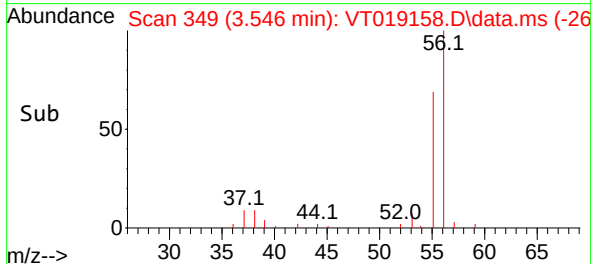
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050



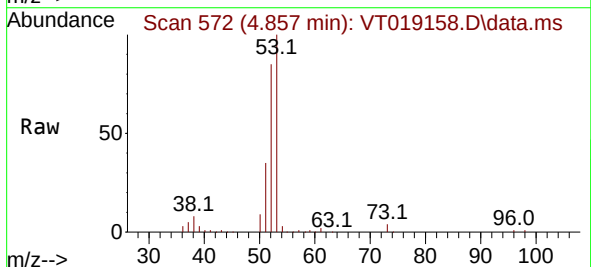
Tgt Ion: 56 Resp: 3737
Ion Ratio Lower Upper
56 100
55 70.6 56.8 85.2

Manual Integrations
APPROVED

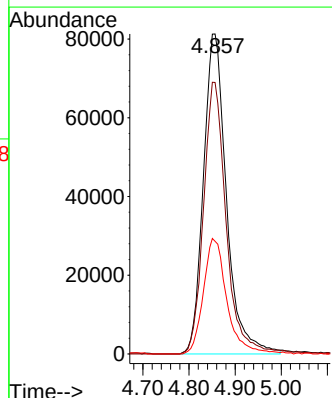
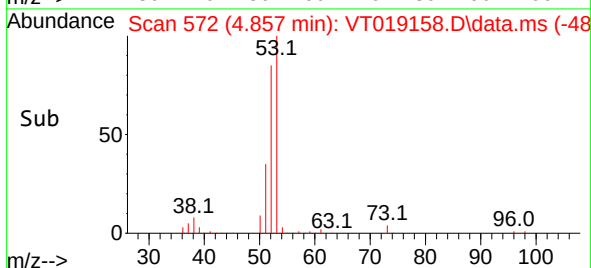
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

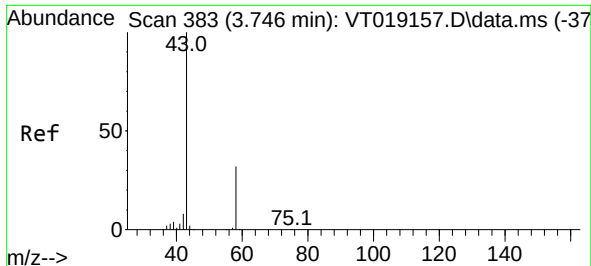


#14
Acrylonitrile
Concen: 239.065 ug/l
RT: 4.857 min Scan# 572
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



Tgt Ion: 53 Resp: 283212
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 36.7 17.2 51.5





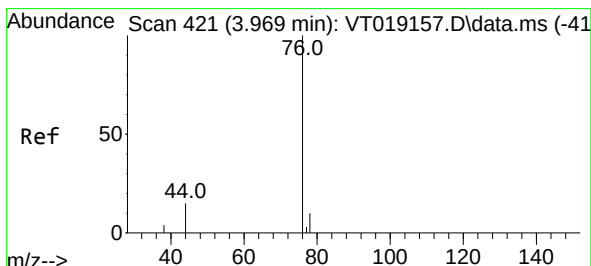
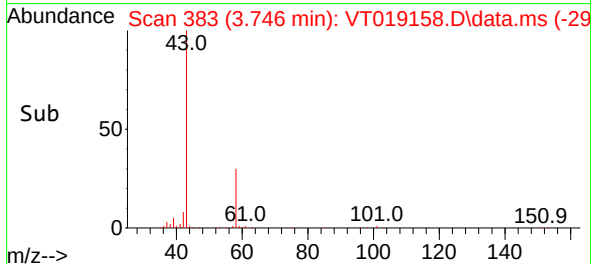
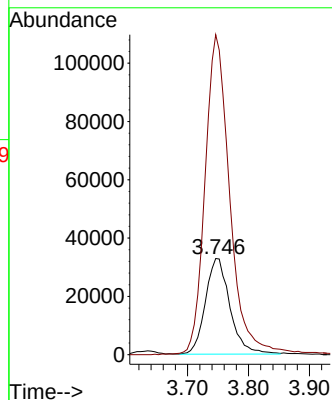
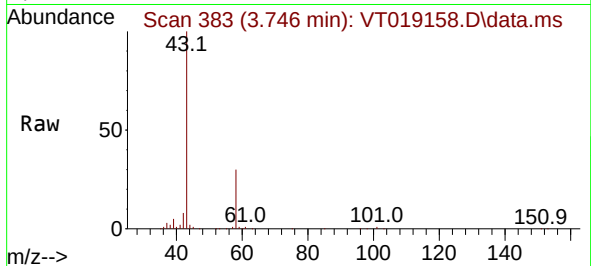
#15
Acetone
Concen: 217.824 ug/l
RT: 3.746 min Scan# 383
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion: 58 Resp: 91939
Ion Ratio Lower Upper
58 100
43 333.2 266.9 400.3

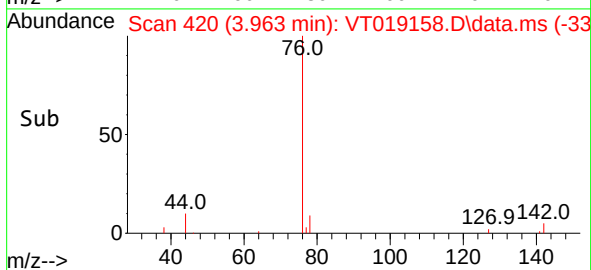
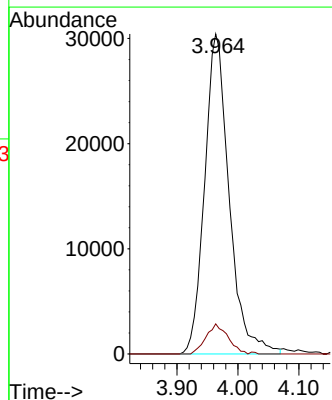
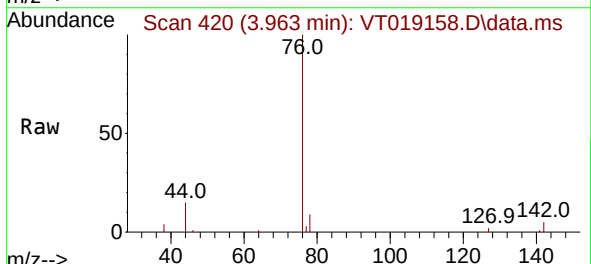
Manual Integrations
APPROVED

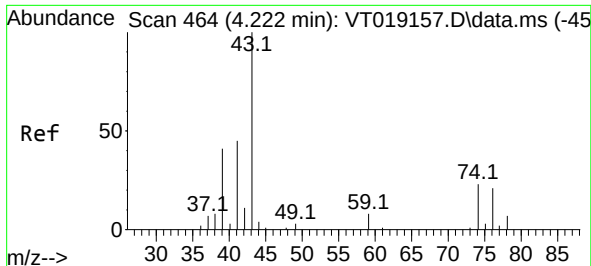
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 46.863 ug/l
RT: 3.963 min Scan# 420
Delta R.T. -0.001 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 76 Resp: 85071
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#17

Allyl chloride

Concen: 51.094 ug/l

RT: 4.216 min Scan# 41

Delta R.T. -0.006 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC050

Tgt Ion: 41 Resp: 118049

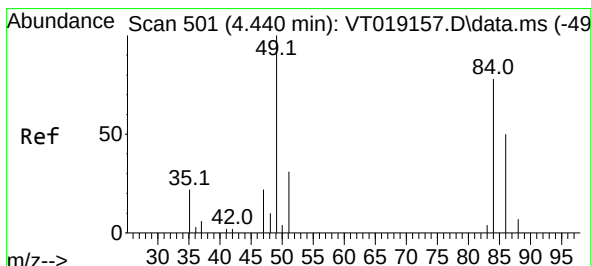
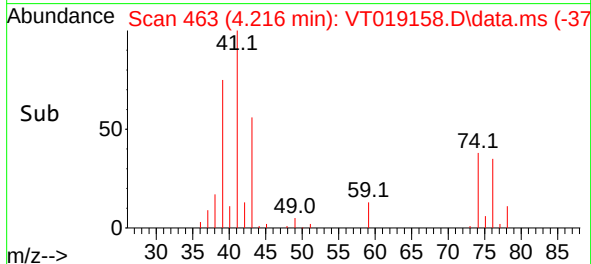
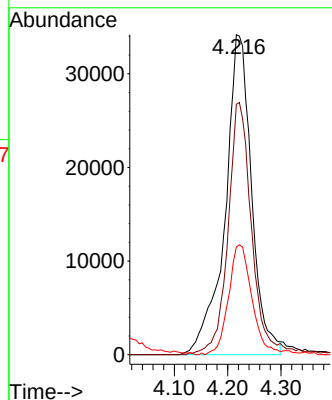
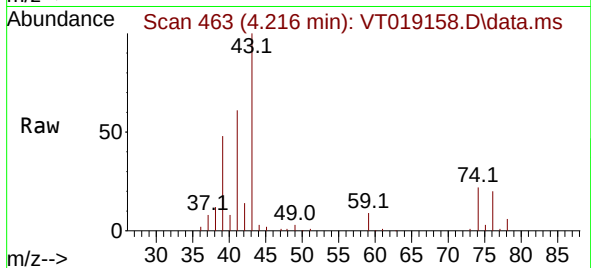
Ion	Ratio	Lower	Upper
41	100		
39	78.3	34.3	102.8
76	33.0	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#18

Methylene Chloride

Concen: 45.280 ug/l

RT: 4.434 min Scan# 500

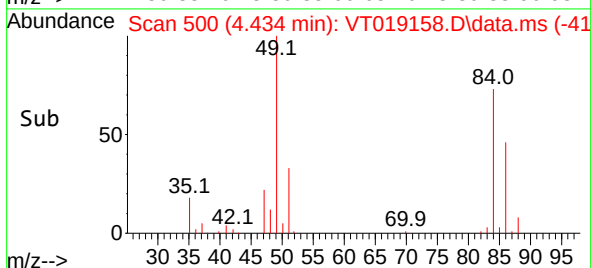
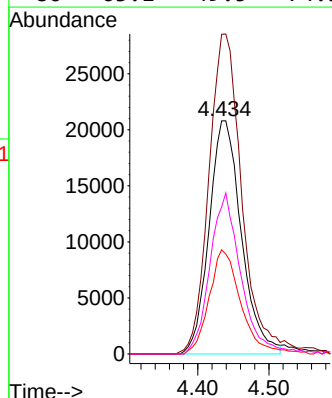
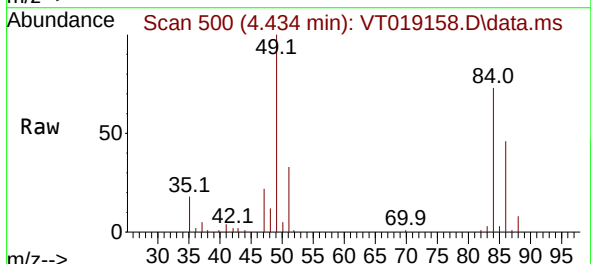
Delta R.T. 0.006 min

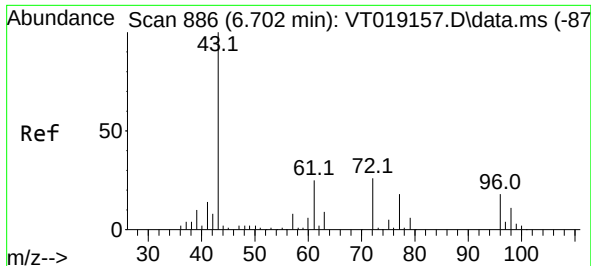
Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Tgt Ion: 84 Resp: 65638

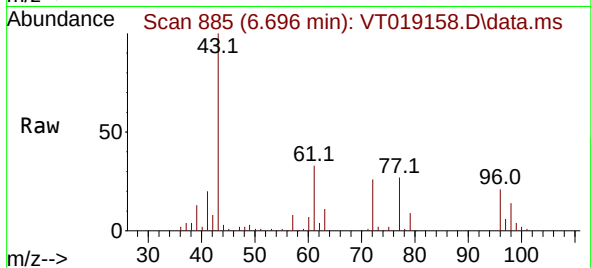
Ion	Ratio	Lower	Upper
84	100		
49	136.1	107.9	161.9
51	44.7	33.4	50.2
86	63.1	49.5	74.3





#19
trans-1,2-Dichloroethene
Concen: 48.569 ug/l
RT: 6.696 min Scan# 886
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

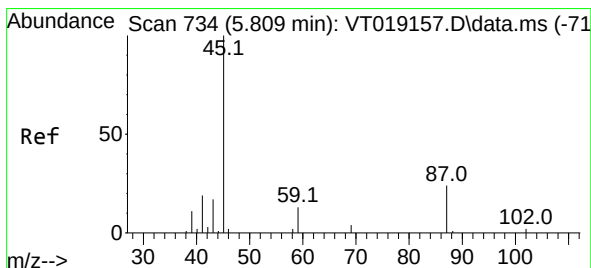
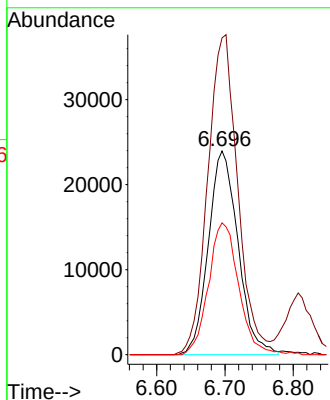
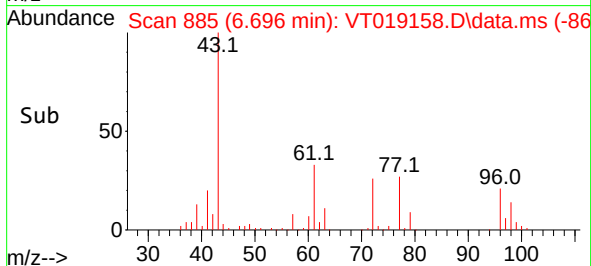
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 72629
Ion Ratio Lower Upper
96 100
61 154.6 122.3 183.5
98 64.7 50.2 75.2

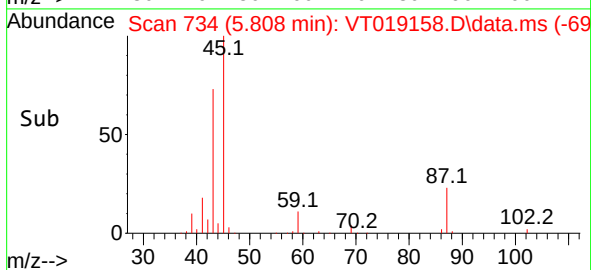
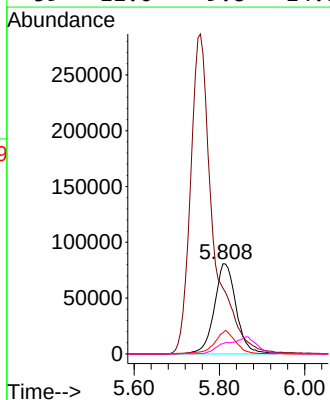
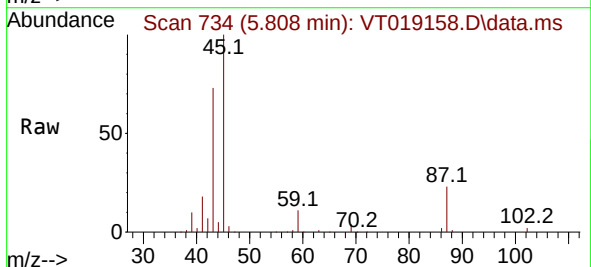
Manual Integrations
APPROVED

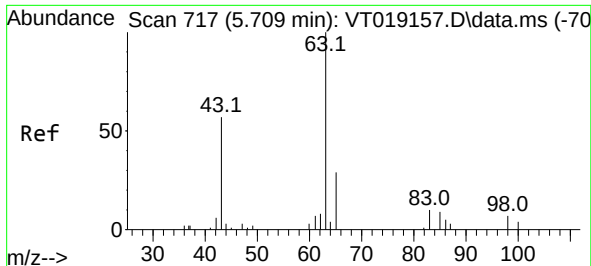
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Diisopropyl ether
Concen: 48.975 ug/l
RT: 5.808 min Scan# 734
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 45 Resp: 288044
Ion Ratio Lower Upper
45 100
43 71.0 89.1 133.7#
87 23.1 21.3 31.9
59 11.0 9.8 14.8





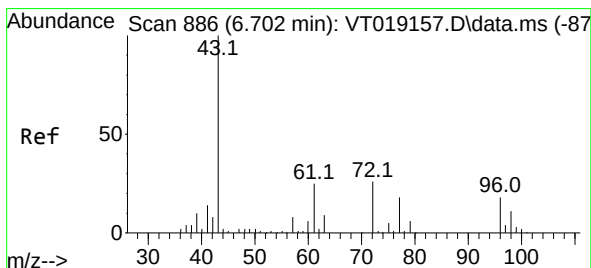
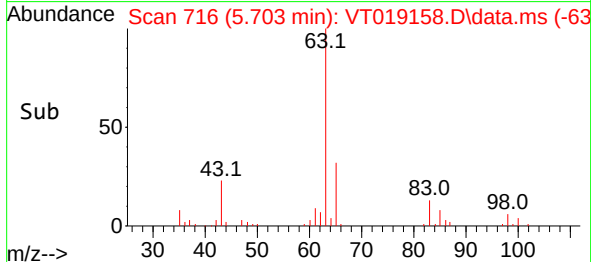
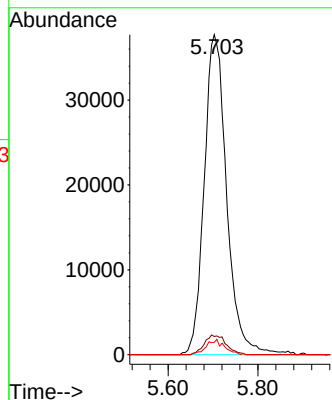
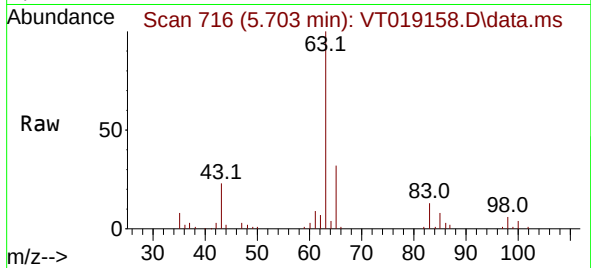
#21
1,1-Dichloroethane
Concen: 47.600 ug/l
RT: 5.703 min Scan# 716
Delta R.T. -0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 130814
Ion Ratio Lower Upper
63 100
98 5.7 3.5 10.5
100 3.9 2.2 6.6

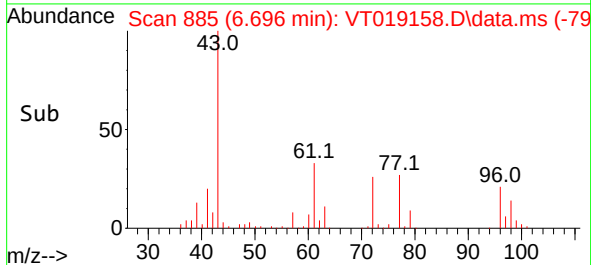
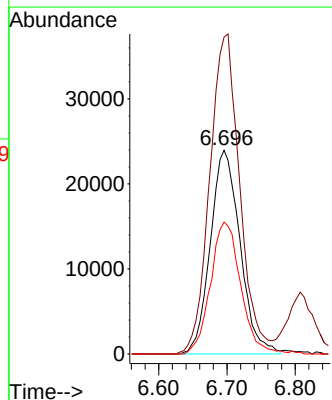
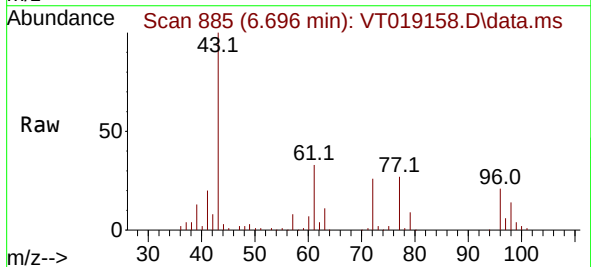
Manual Integrations
APPROVED

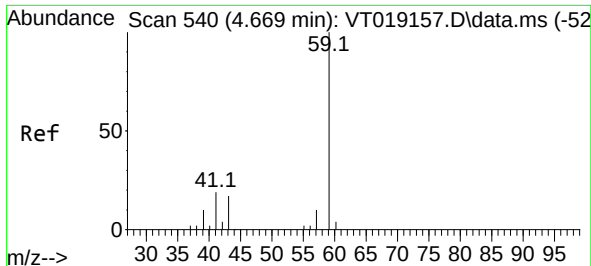
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 48.569 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 96 Resp: 72629
Ion Ratio Lower Upper
96 100
61 158.4 120.0 180.0
98 65.7 52.8 79.2





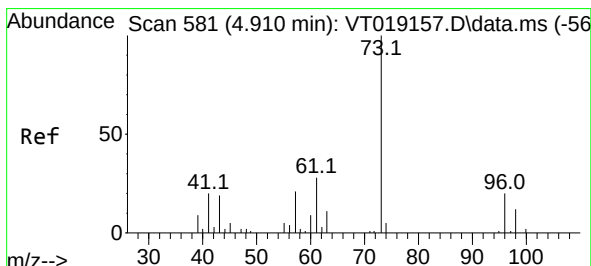
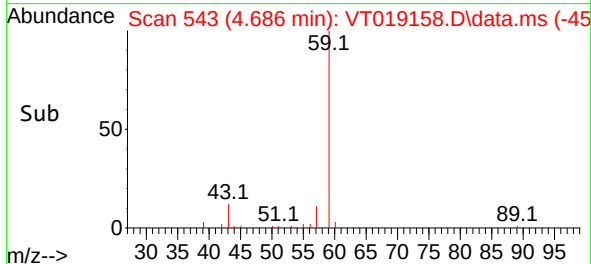
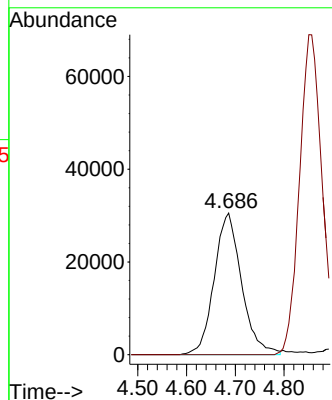
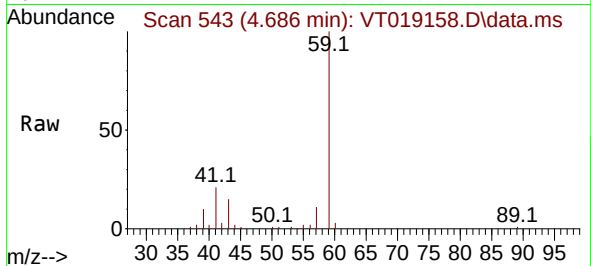
#23
tert-Butyl Alcohol
Concen: 229.733 ug/l
RT: 4.686 min Scan# 54
Delta R.T. 0.011 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 11923
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

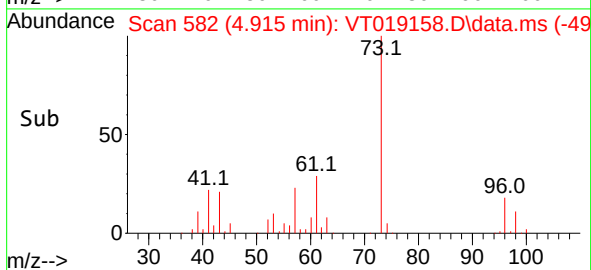
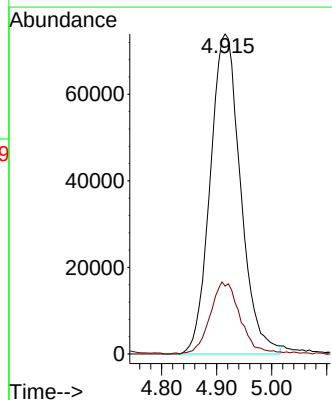
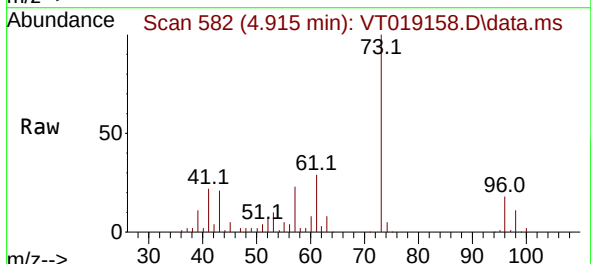
Manual Integrations
APPROVED

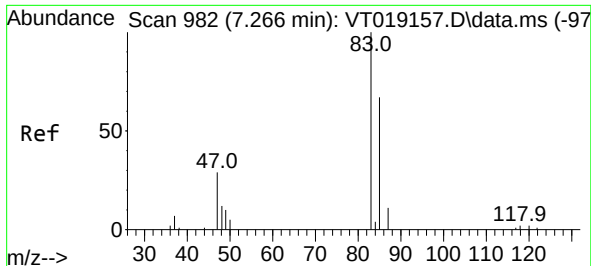
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
Methyl tert-Butyl Ether
Concen: 48.440 ug/l
RT: 4.915 min Scan# 582
Delta R.T. -0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 73 Resp: 283194
Ion Ratio Lower Upper
73 100
43 22.0 16.9 25.3





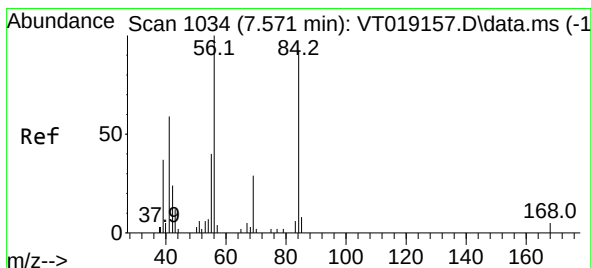
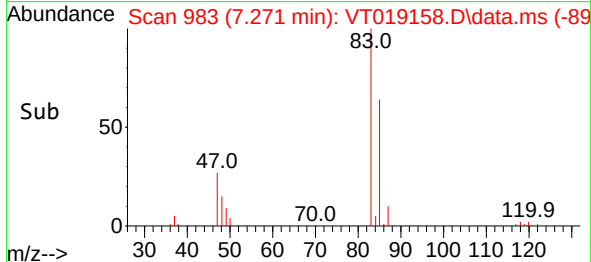
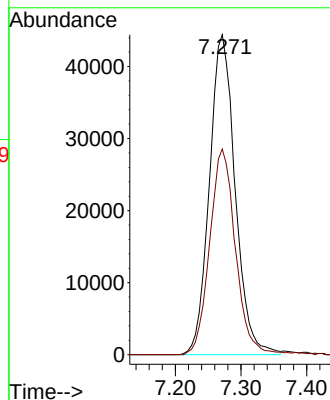
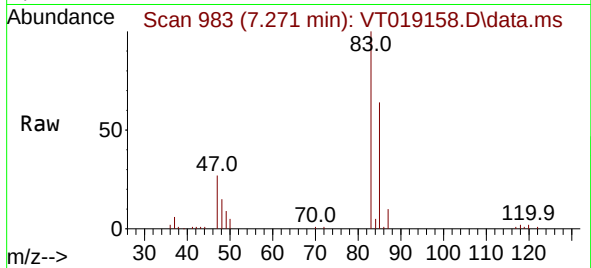
#25
Chloroform
Concen: 48.126 ug/l
RT: 7.271 min Scan# 91
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 120983
Ion Ratio Lower Upper
83 100
85 64.3 48.0 72.0

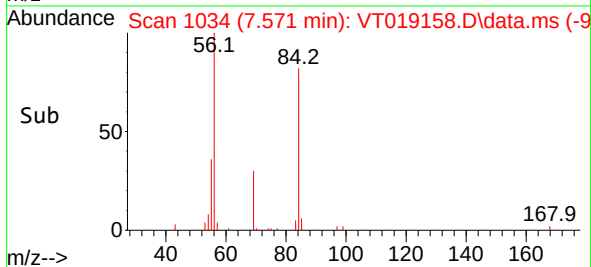
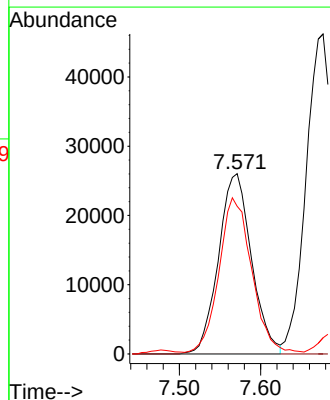
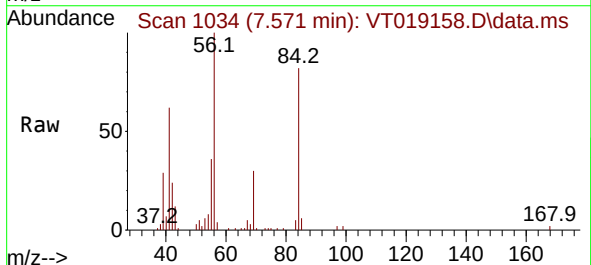
Manual Integrations
APPROVED

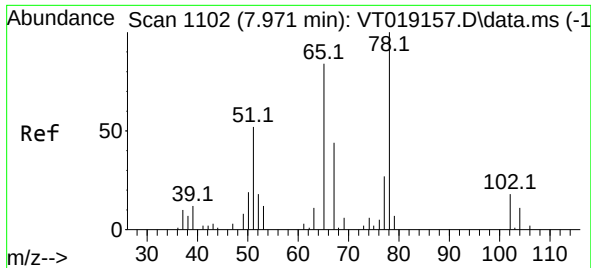
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 45.563 ug/l
RT: 7.571 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 56 Resp: 73480
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.8 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 29.642 ug/l

RT: 7.971 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 56208

Ion Ratio Lower Upper

65 100

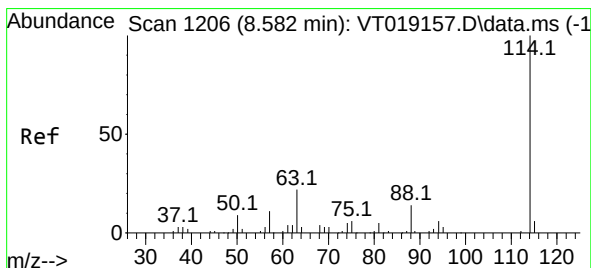
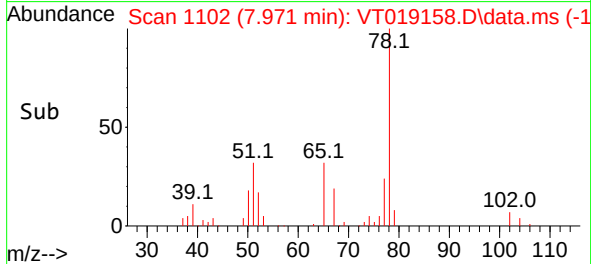
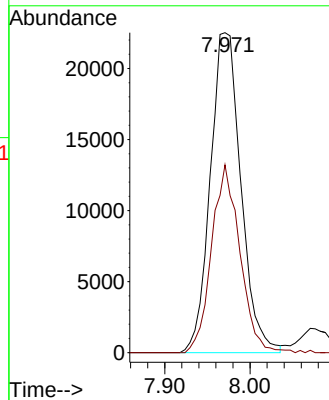
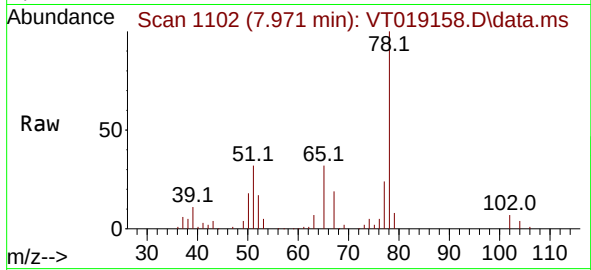
67 54.2 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.582 min Scan# 1206

Delta R.T. 0.006 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

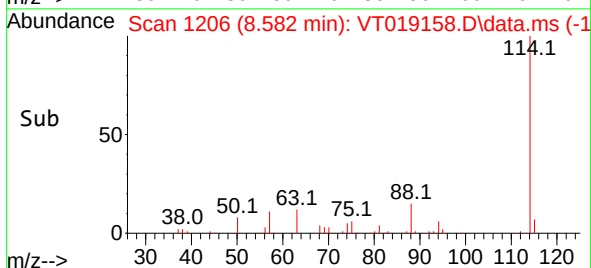
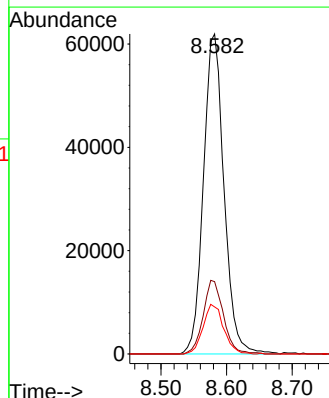
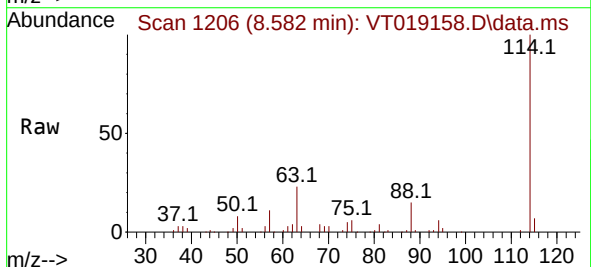
Tgt Ion:114 Resp: 135115

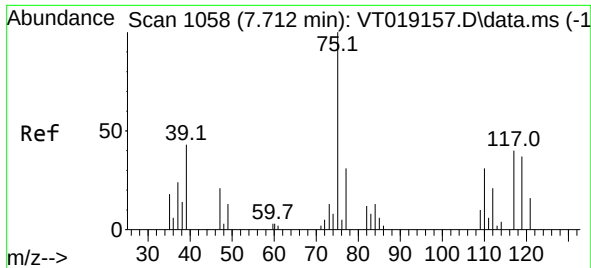
Ion Ratio Lower Upper

114 100

63 22.5 17.4 26.0

88 15.5 13.0 19.6





#29
1,1-Dichloropropene
Concen: 47.226 ug/l
RT: 7.718 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

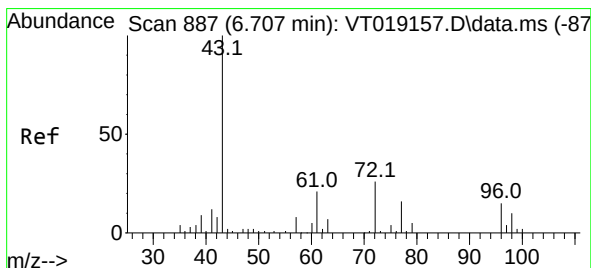
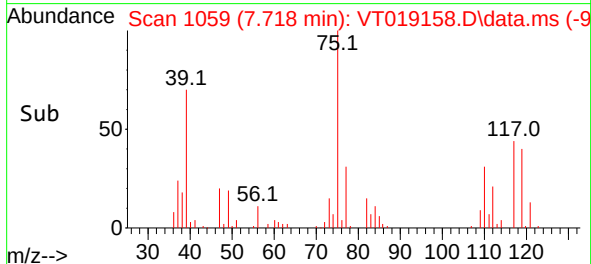
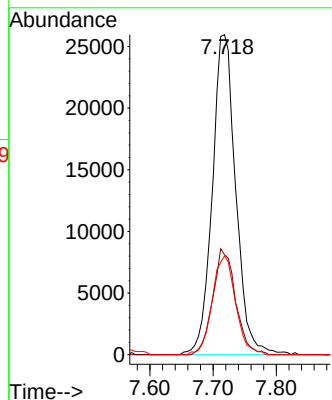
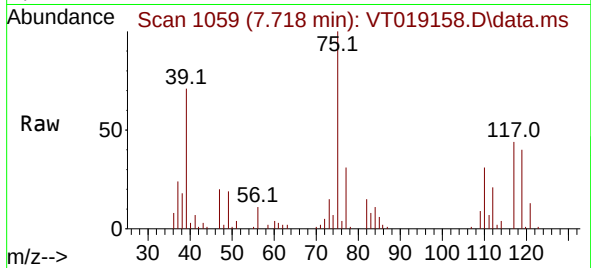
VSTDIC050

Tgt Ion: 75 Resp: 6677
Ion Ratio Lower Upper
75 100
110 32.2 0.0 70.8
77 30.9 0.0 61.6

Manual Integrations

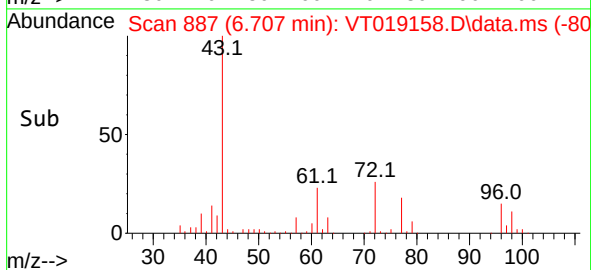
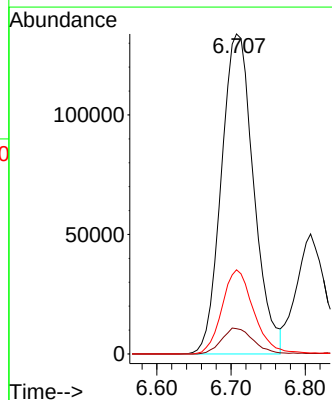
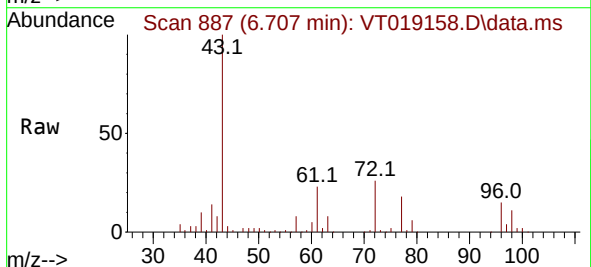
APPROVED

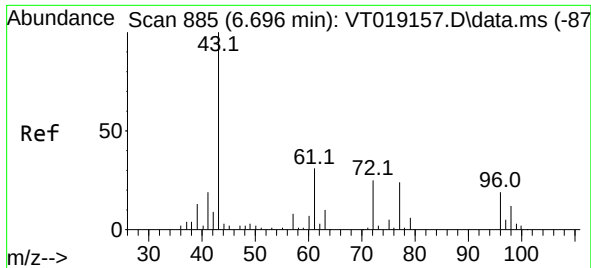
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
2-Butanone
Concen: 232.659 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

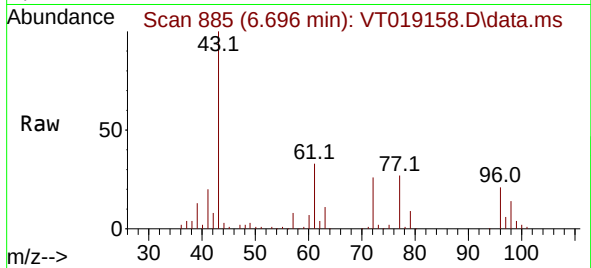
Tgt Ion: 43 Resp: 405453
Ion Ratio Lower Upper
43 100
57 8.0 5.9 8.9
72 25.9 20.2 30.2





#31
2,2-Dichloropropane
Concen: 49.842 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.012 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

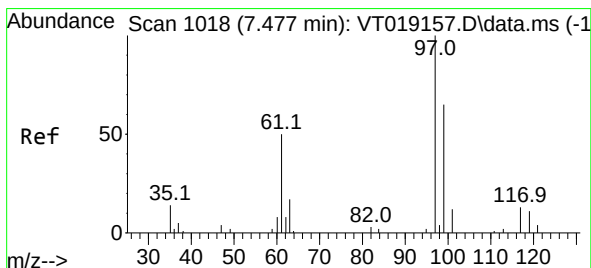
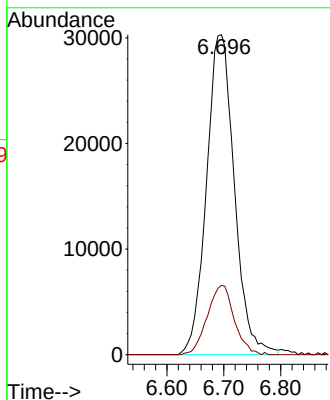
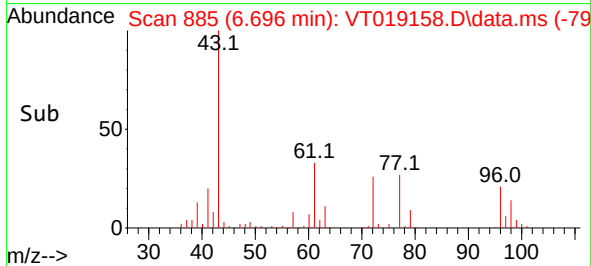
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 77 Resp: 103174
Ion Ratio Lower Upper
77 100
97 20.9 14.5 21.7

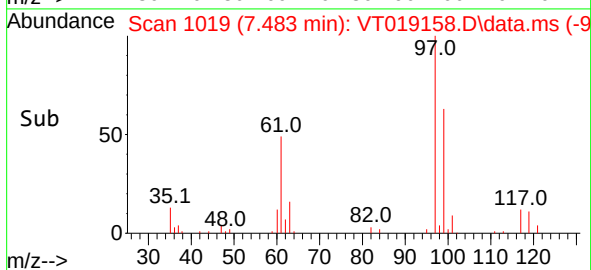
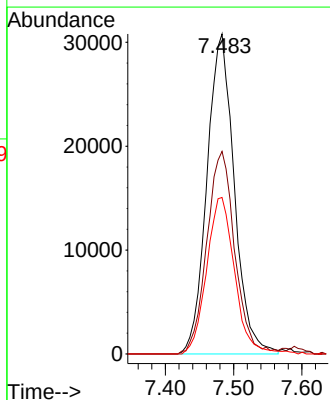
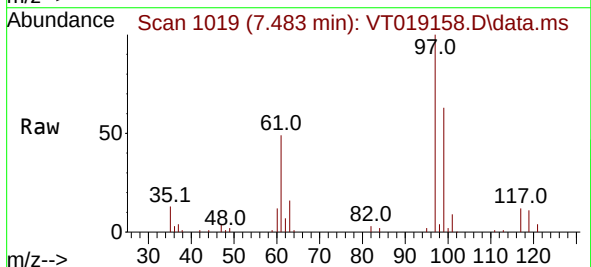
Manual Integrations
APPROVED

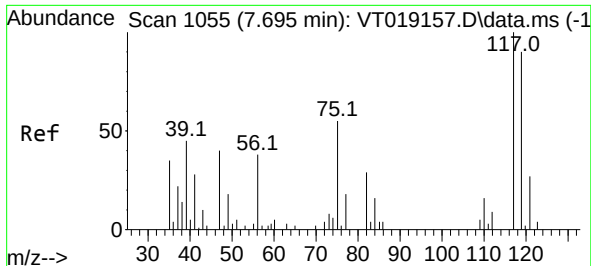
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 48.174 ug/l
RT: 7.483 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

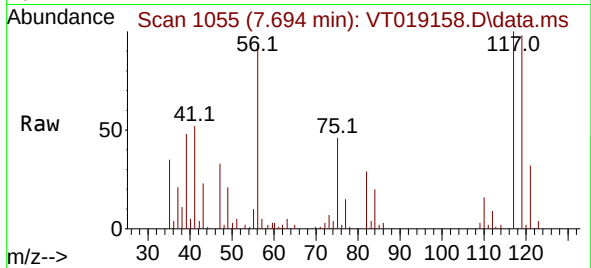
Tgt Ion: 97 Resp: 85809
Ion Ratio Lower Upper
97 100
99 64.5 30.0 45.0#
61 50.0 36.1 54.1





#33
Carbon Tetrachloride
Concen: 51.385 ug/l
RT: 7.694 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

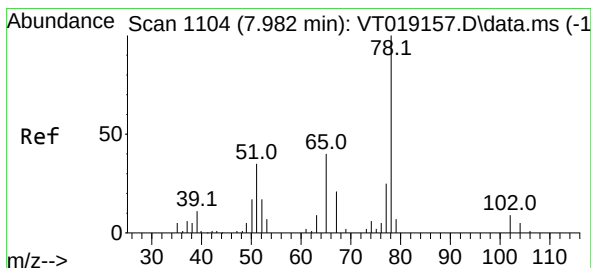
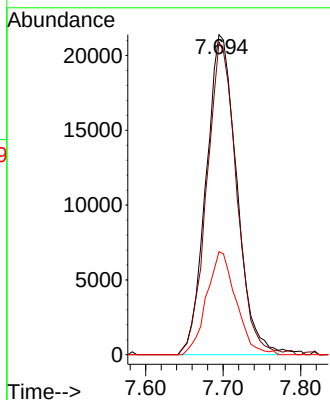
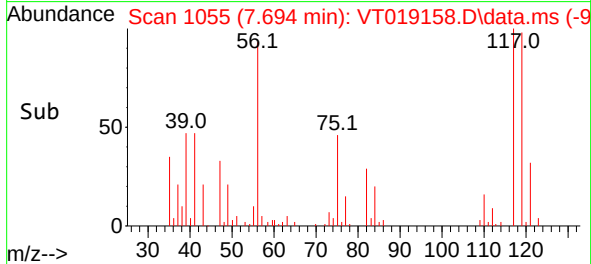
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 5864
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7
121 32.2 0.5 0.7

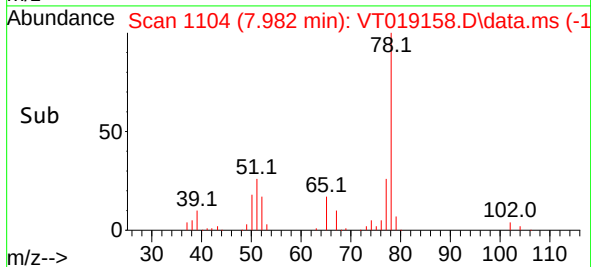
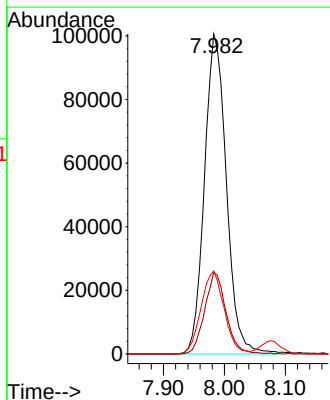
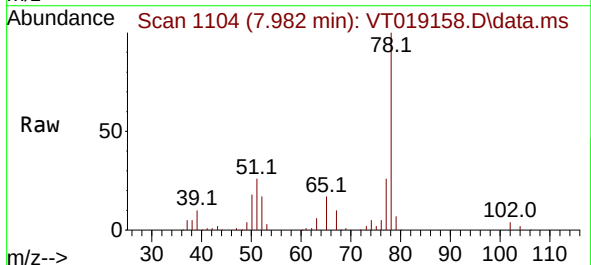
Manual Integrations
APPROVED

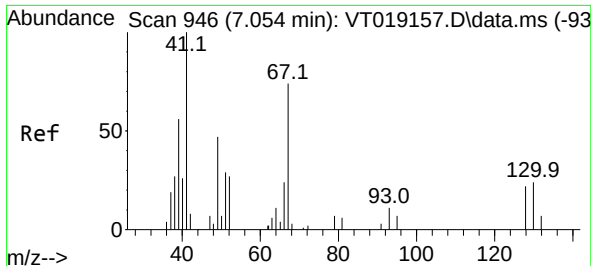
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#34
Benzene
Concen: 48.023 ug/l
RT: 7.982 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

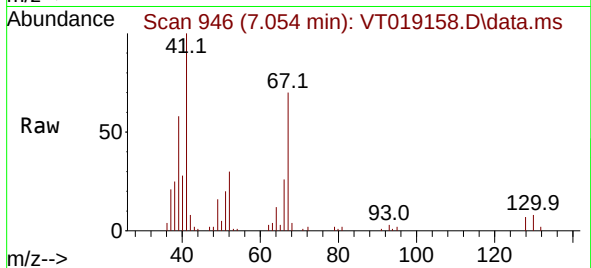
Tgt Ion: 78 Resp: 251545
Ion Ratio Lower Upper
78 100
77 25.5 17.6 26.4
51 26.0 13.8 20.6





#35
Methacrylonitrile
Concen: 48.351 ug/l
RT: 7.054 min Scan# 946
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

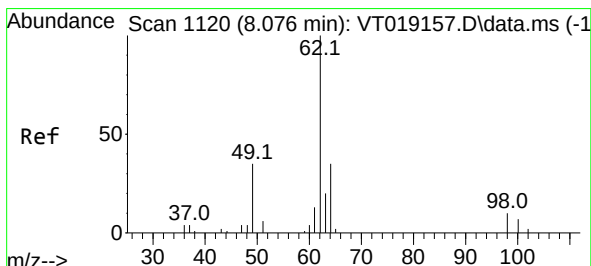
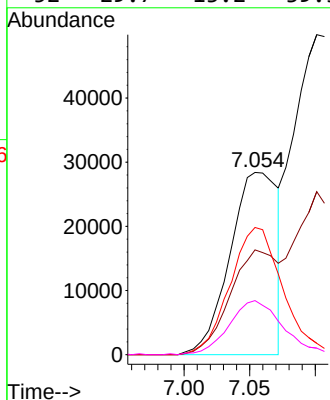
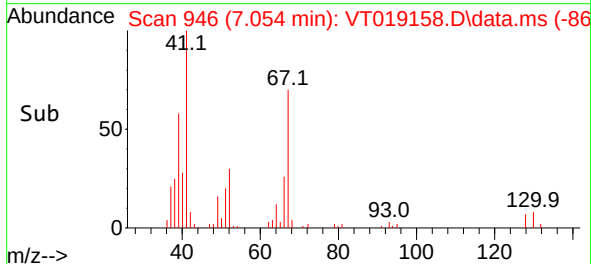
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion:	41	Resp:	71720
Ion Ratio	100	Lower	Upper
41	100		
39	57.5	26.2	78.5
67	69.8	31.4	94.3
52	29.7	13.2	39.5

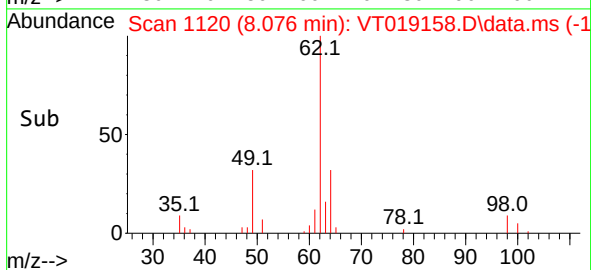
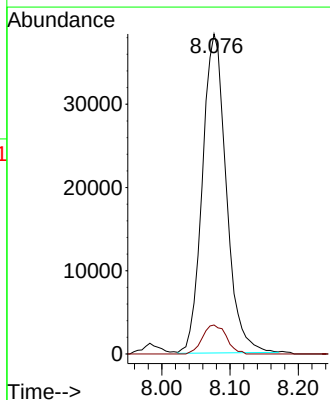
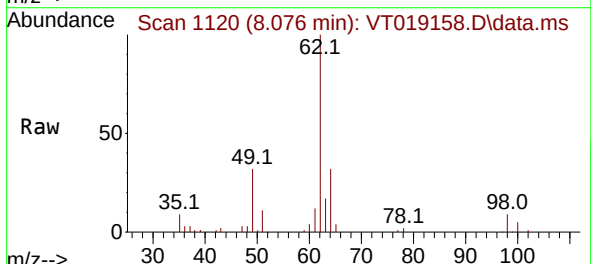
Manual Integrations
APPROVED

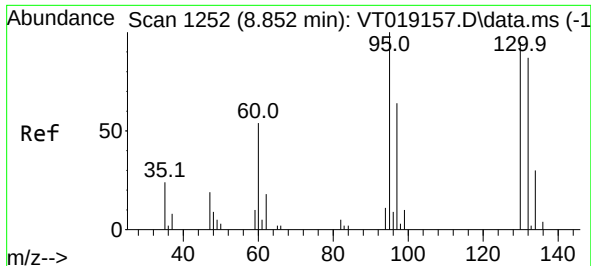
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,2-Dichloroethane
Concen: 48.088 ug/l
RT: 8.076 min Scan# 1120
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

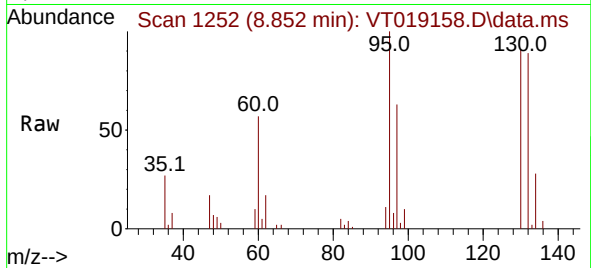
Tgt Ion:	62	Resp:	93378
Ion Ratio	100	Lower	Upper
62	100		
98	9.1	6.7	10.1





#37
Trichloroethene
Concen: 47.744 ug/l
RT: 8.852 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

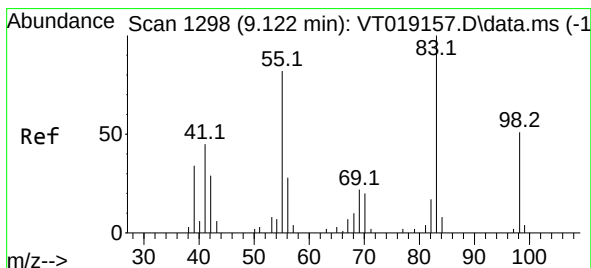
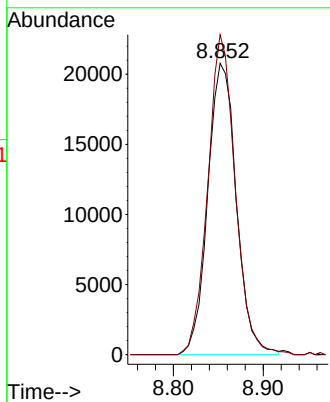
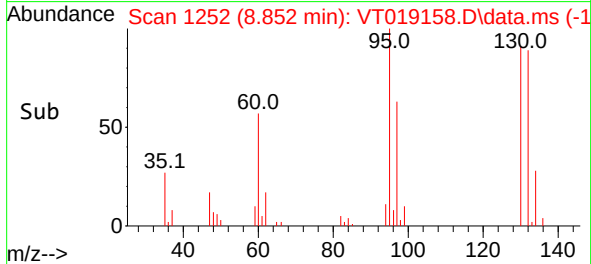
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 4600
Ion Ratio Lower Upper
130 100
95 109.8 79.4 119.2

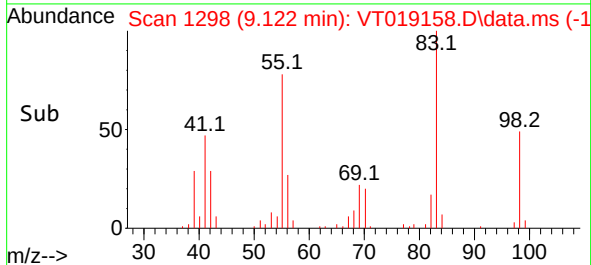
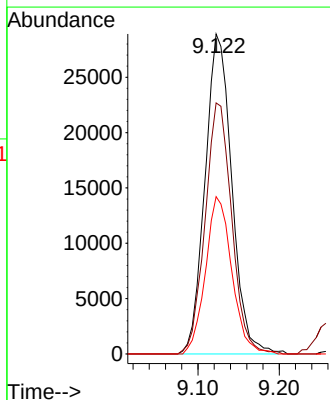
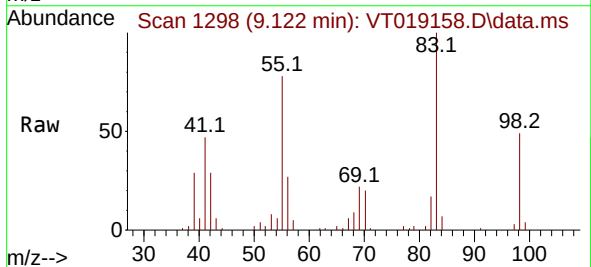
Manual Integrations
APPROVED

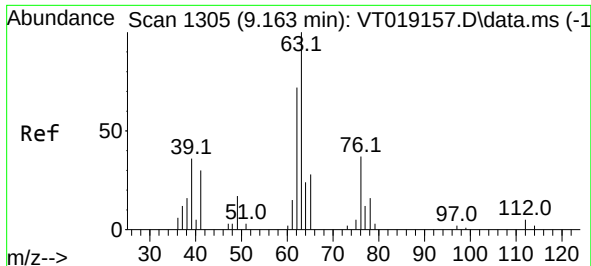
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 46.521 ug/l
RT: 9.122 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 83 Resp: 66235
Ion Ratio Lower Upper
83 100
55 77.8 40.3 120.8
98 48.2 24.3 72.9





#39

1,2-Dichloropropane

Concen: 47.749 ug/l

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 65500

Ion Ratio Lower Upper

63 100

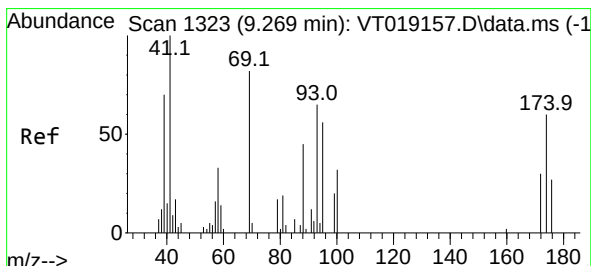
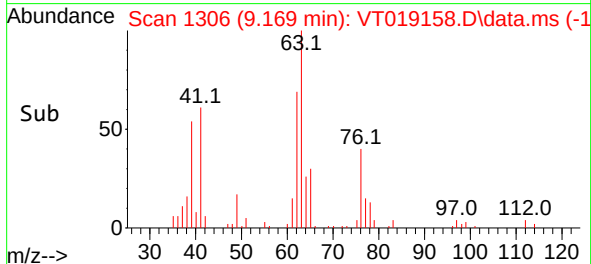
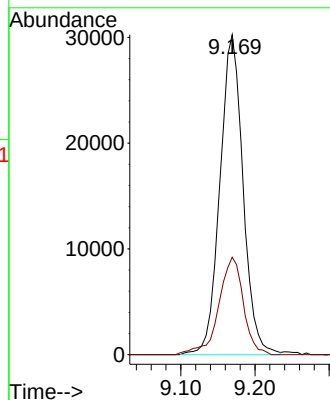
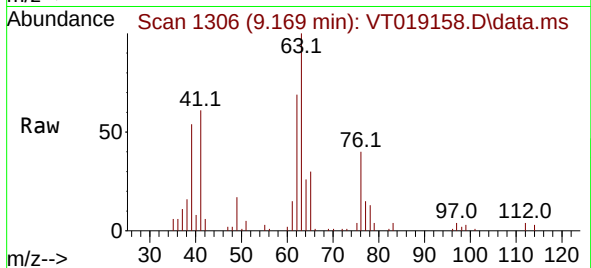
65 30.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 48.282 ug/l

RT: 9.269 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

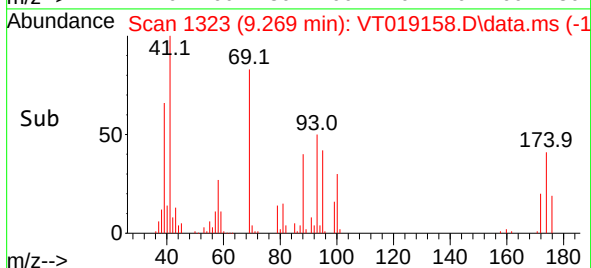
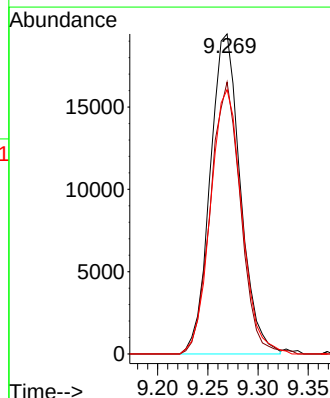
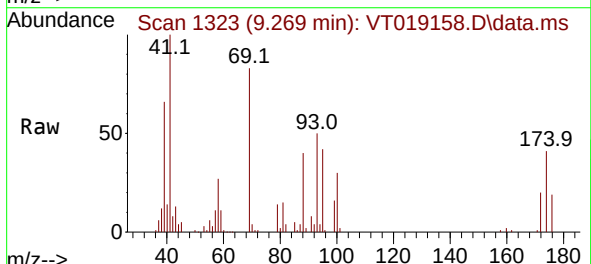
Tgt Ion: 93 Resp: 40841

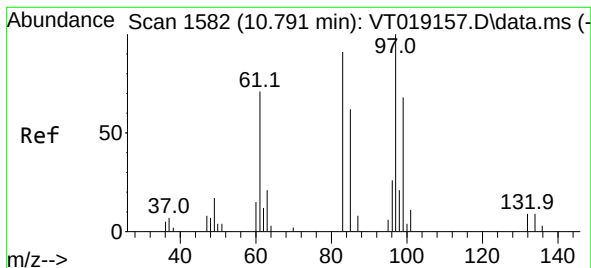
Ion Ratio Lower Upper

93 100

95 84.3 0.0 166.2

174 85.4 0.0 26.4





#41

Bromodichloromethane

Concen: 48.505 ug/l

RT: 10.791 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 5270

Ion Ratio Lower Upper

83 100

85 64.9 47.2 70.8

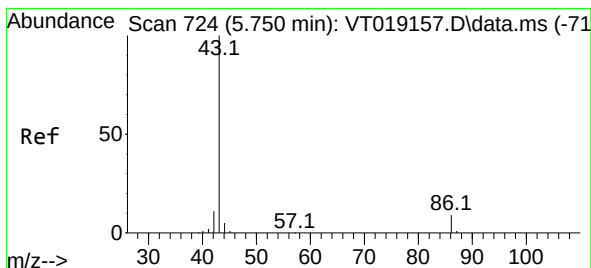
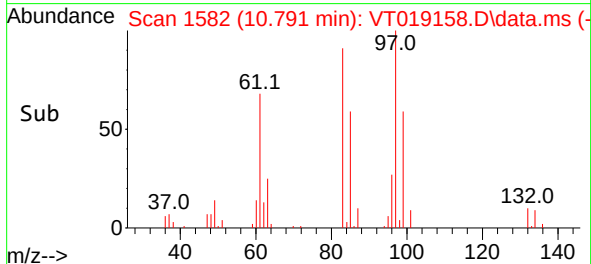
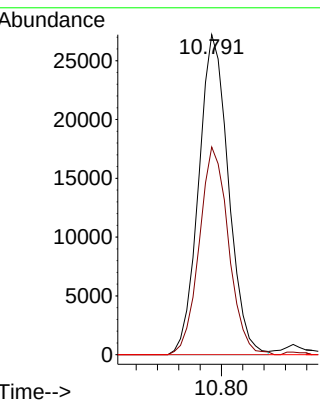
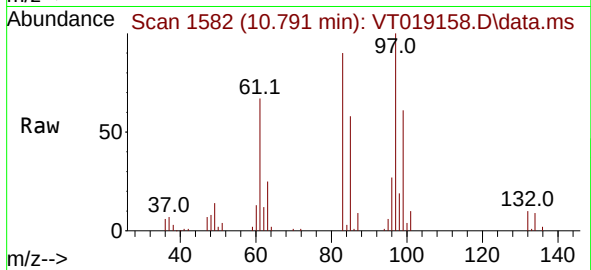
127 0.0 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#42

Vinyl Acetate

Concen: 243.807 ug/l

RT: 5.756 min Scan# 725

Delta R.T. 0.006 min

Lab File: VT019158.D

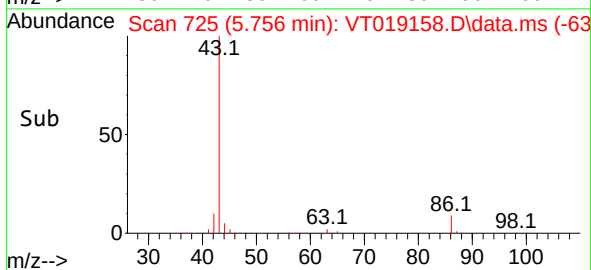
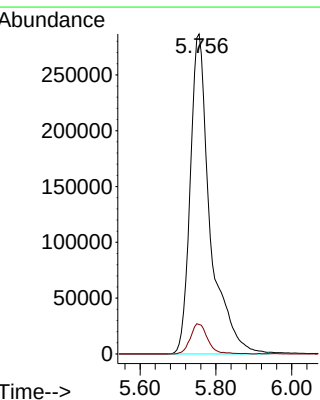
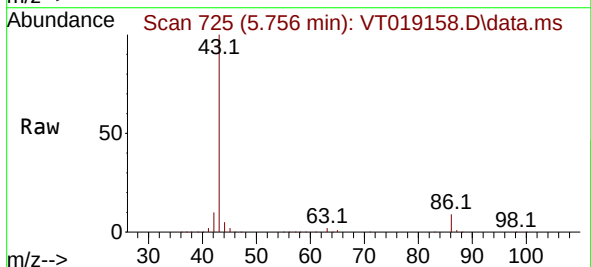
Acq: 22 Oct 2025 14:58

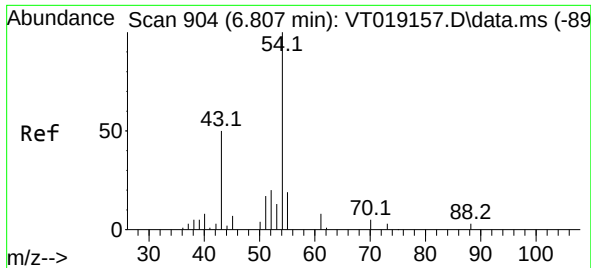
Tgt Ion: 43 Resp: 1042435

Ion Ratio Lower Upper

43 100

86 8.1 6.9 10.3





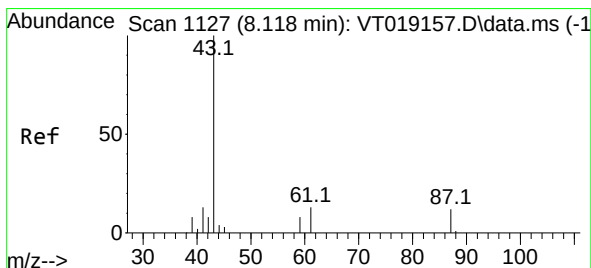
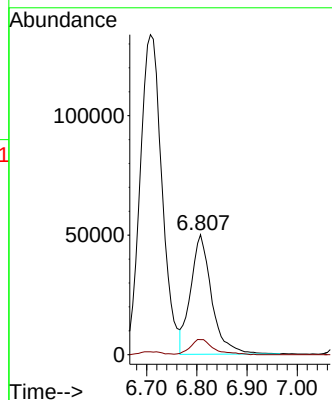
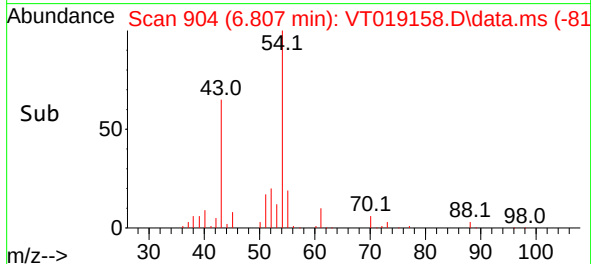
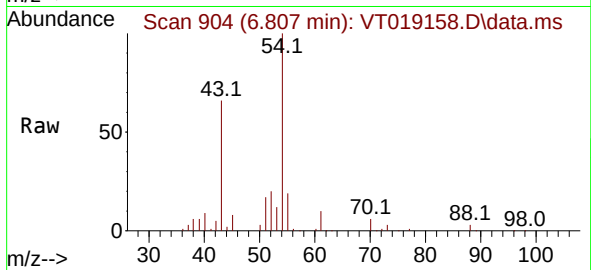
#43
Ethyl Acetate
Concen: 50.780 ug/l
RT: 6.807 min Scan# 904
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 14547
Ion Ratio Lower Upper
43 100
45 13.1 10.6 16.0

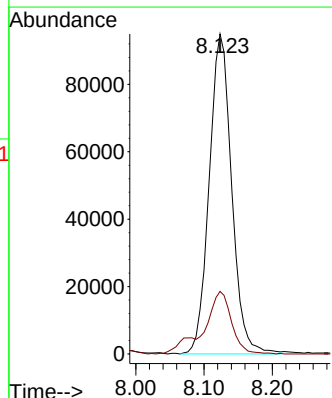
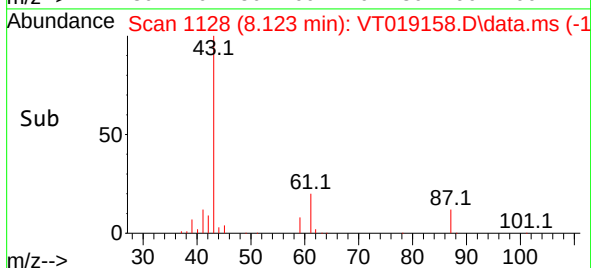
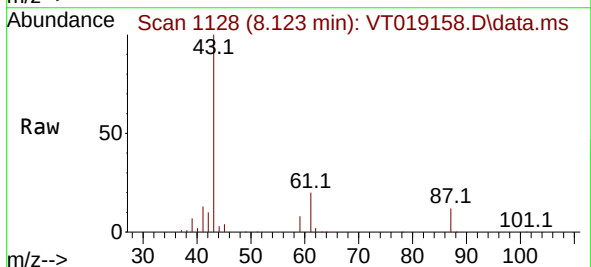
Manual Integrations
APPROVED

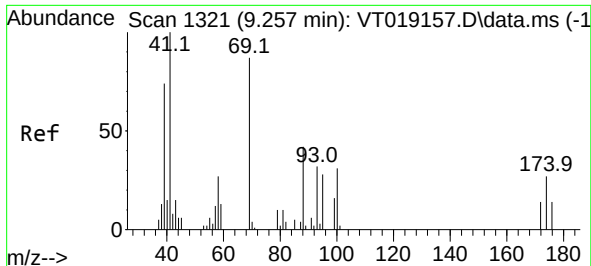
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Isopropyl Acetate
Concen: 48.307 ug/l
RT: 8.123 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

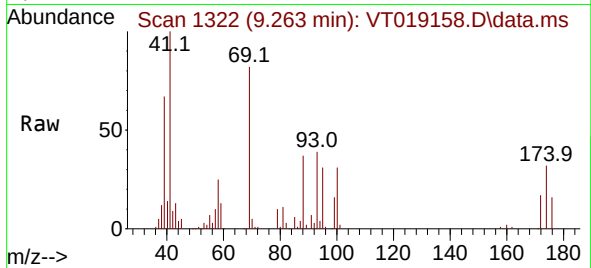
Tgt Ion: 43 Resp: 217800
Ion Ratio Lower Upper
43 100
61 19.9 14.7 22.1





#45
1,4-Dioxane
Concen: 966.453 ug/l
RT: 9.263 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

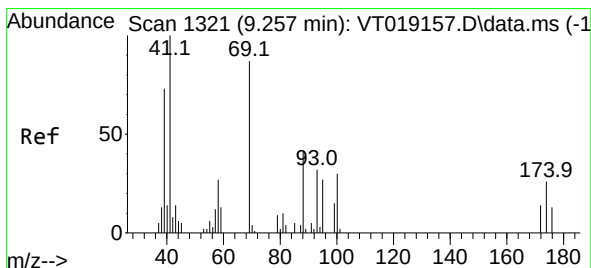
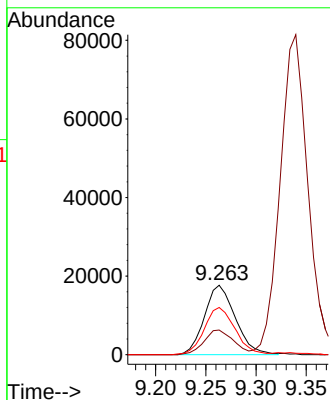
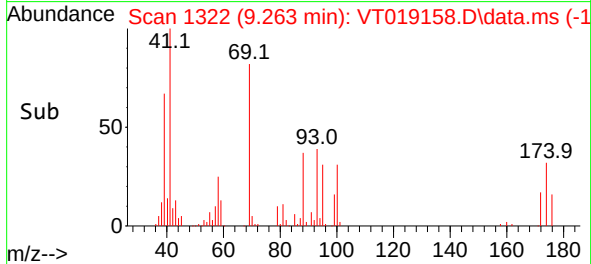
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050



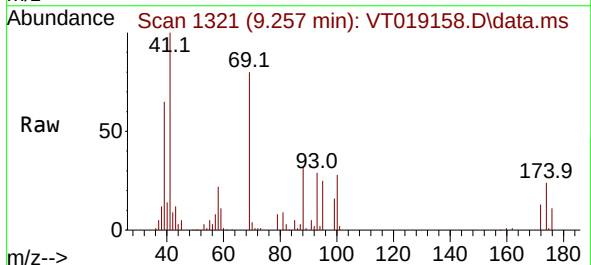
Tgt Ion: 88 Resp: 3780
Ion Ratio Lower Upper
88 100
43 33.9 30.2 45.2
58 67.6 33.3 49.9

Manual Integrations
APPROVED

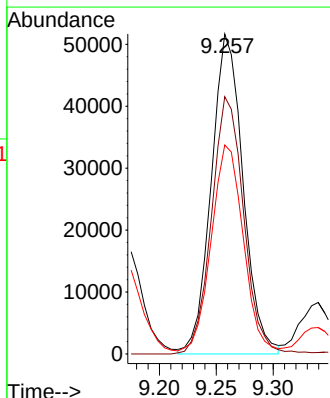
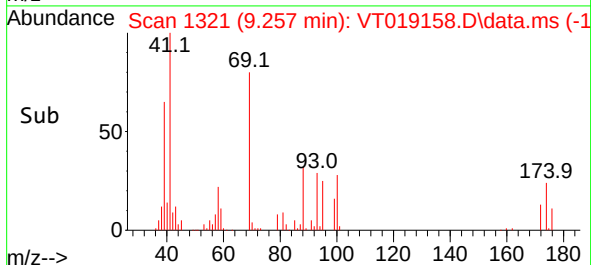
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

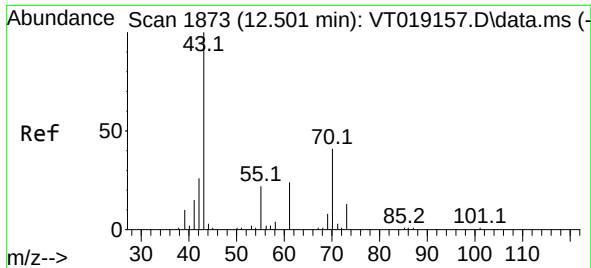


#46
Methyl methacrylate
Concen: 49.783 ug/l
RT: 9.257 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



Tgt Ion: 41 Resp: 100361
Ion Ratio Lower Upper
41 100
69 81.2 35.8 107.3
39 65.3 24.4 73.4





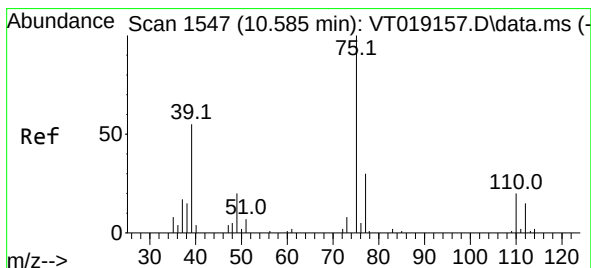
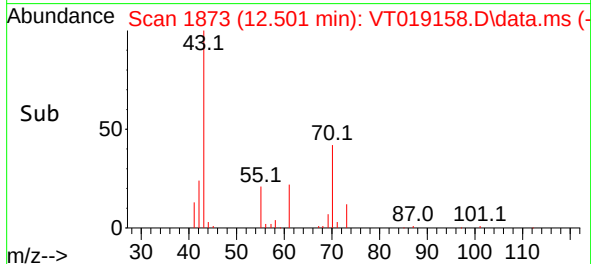
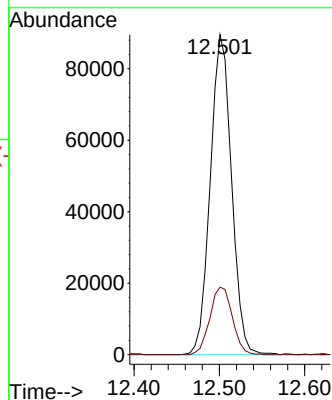
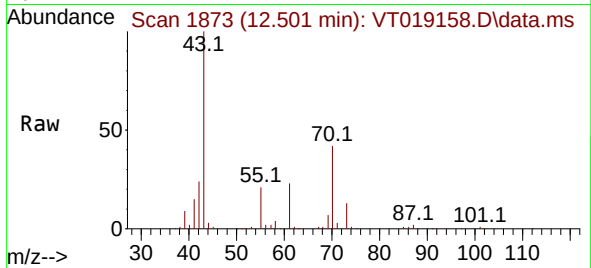
#47
n-amy1 Acetate
Concen: 51.110 ug/l
RT: 12.501 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 15506
Ion Ratio Lower Upper
43 100
55 22.2 18.4 27.6

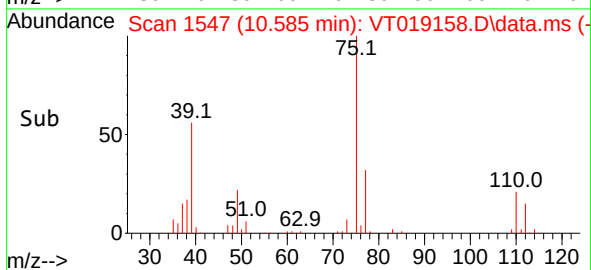
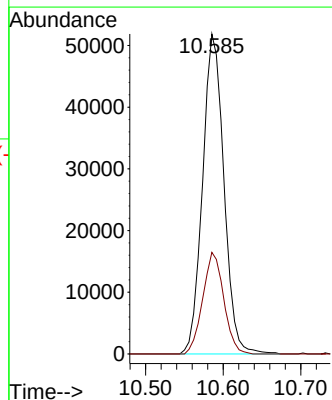
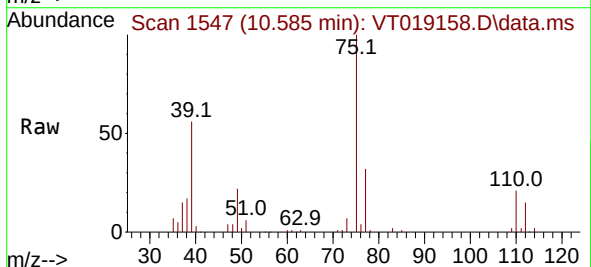
Manual Integrations
APPROVED

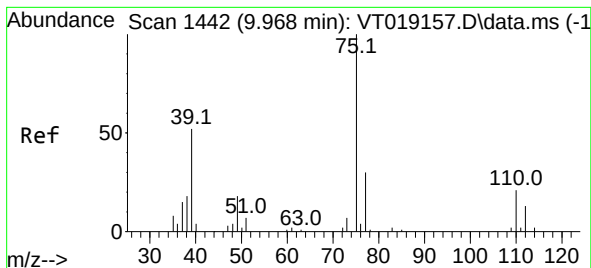
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
t-1,3-Dichloropropene
Concen: 50.267 ug/l
RT: 10.585 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 75 Resp: 99101
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 49.403 ug/l

RT: 9.974 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 102314

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

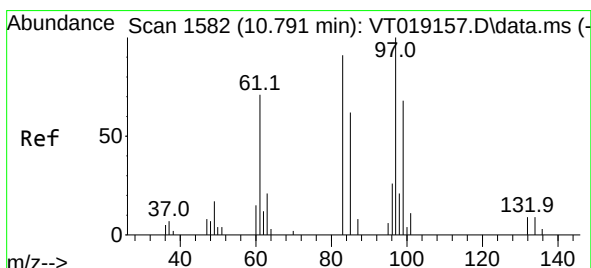
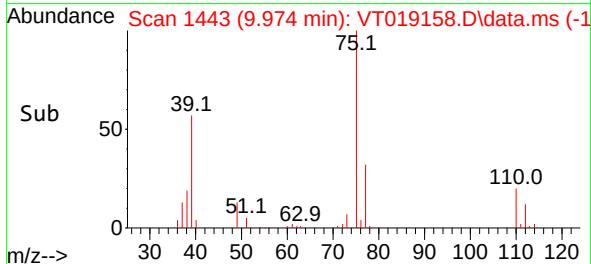
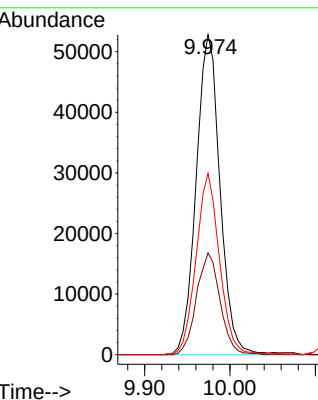
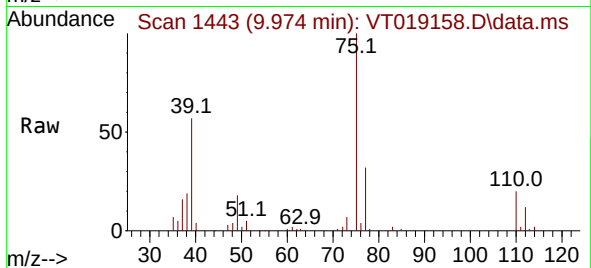
39 56.3 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

1,1,2-Trichloroethane

Concen: 48.202 ug/l

RT: 10.791 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Tgt Ion: 97 Resp: 59970

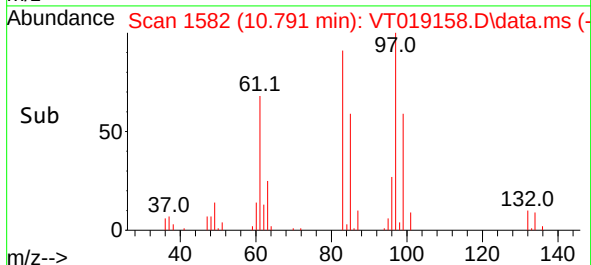
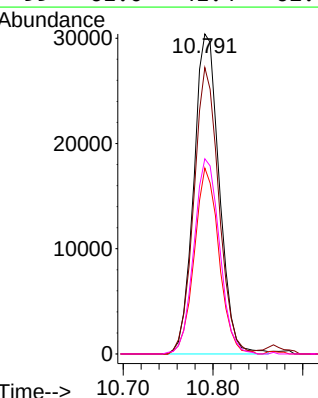
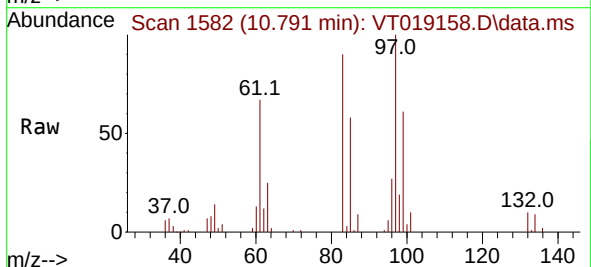
Ion Ratio Lower Upper

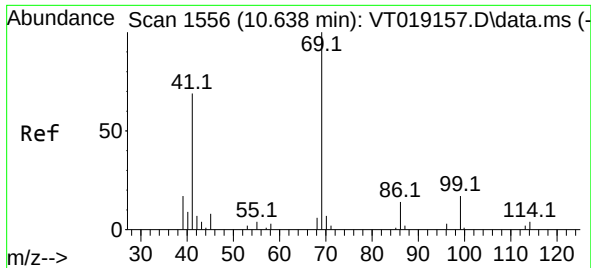
97 100

83 89.5 58.3 87.5#

85 58.1 36.5 54.7#

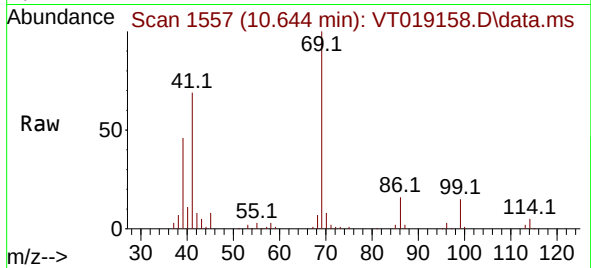
99 61.0 41.4 62.0





#51
Ethyl methacrylate
Concen: 49.833 ug/l
RT: 10.644 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

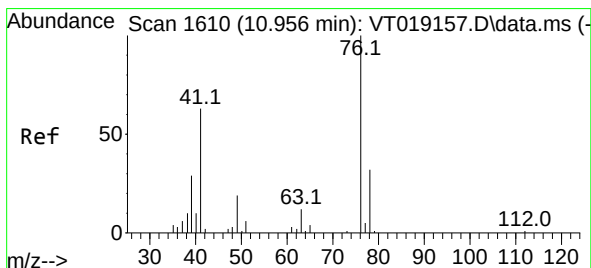
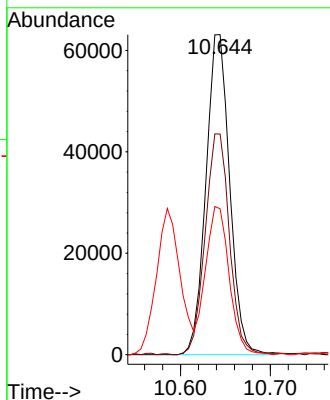
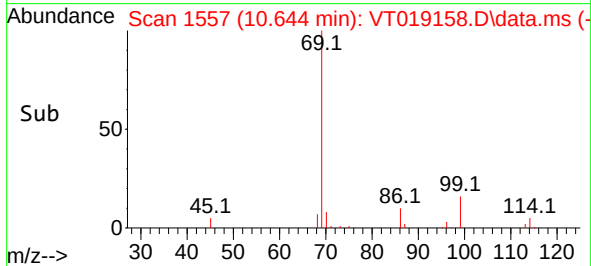
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 116190
Ion Ratio Lower Upper
69 100
41 69.0 35.0 105.1
39 45.3 19.5 58.5

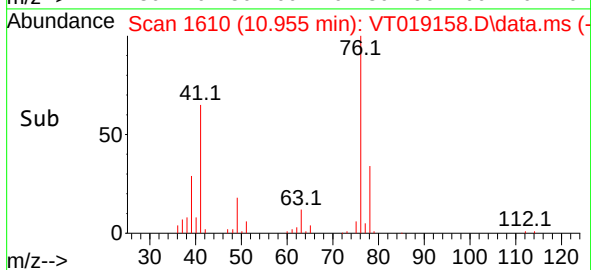
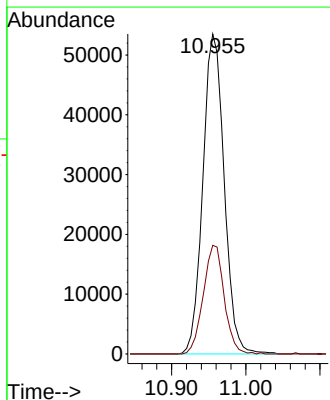
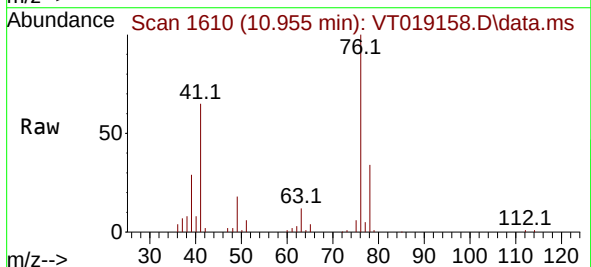
Manual Integrations
APPROVED

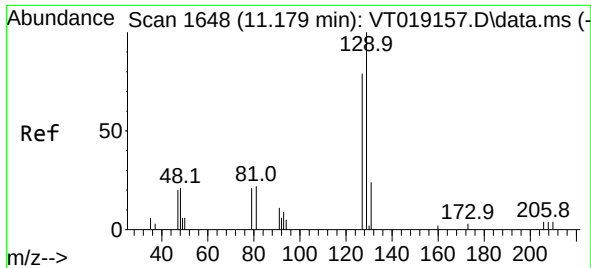
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
1,3-Dichloropropane
Concen: 48.176 ug/l
RT: 10.955 min Scan# 1610
Delta R.T. -0.001 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

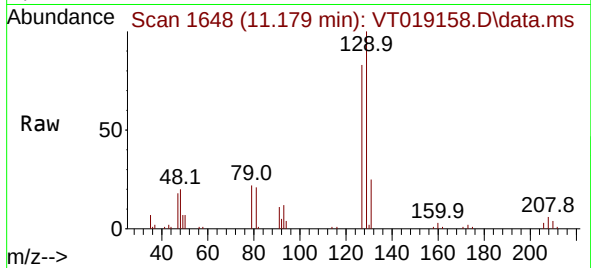
Tgt Ion: 76 Resp: 107055
Ion Ratio Lower Upper
76 100
78 33.2 0.0 63.6





#53
Dibromochloromethane
Concen: 50.734 ug/l
RT: 11.179 min Scan# 1648
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

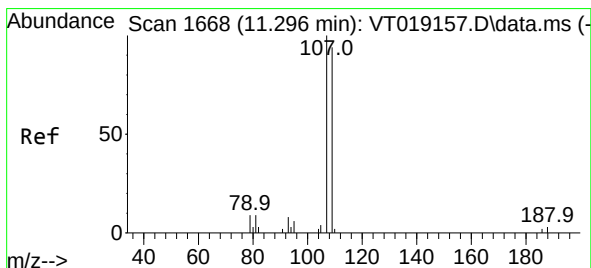
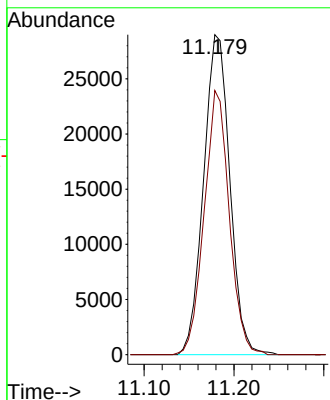
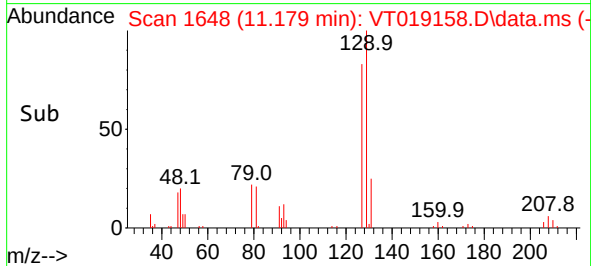
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



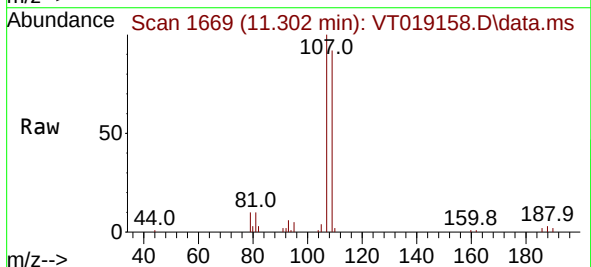
Tgt Ion:129 Resp: 5891
Ion Ratio Lower Upper
129 100
127 78.9 125.0 374.9

Manual Integrations
APPROVED

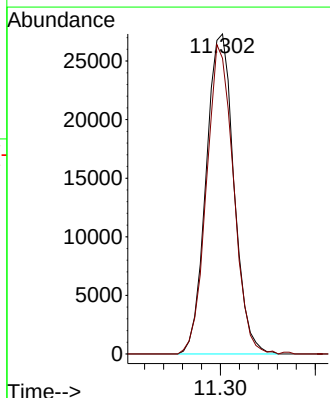
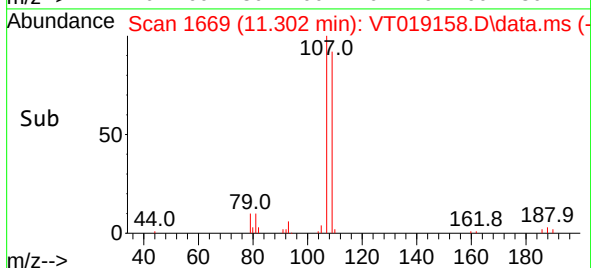
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

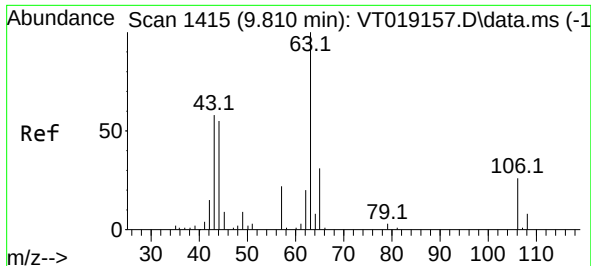


#54
1,2-Dibromoethane
Concen: 48.187 ug/l
RT: 11.302 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



Tgt Ion:107 Resp: 55761
Ion Ratio Lower Upper
107 100
109 93.7 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 247.590 ug/l

RT: 9.810 min Scan# 1415

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 16836

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6

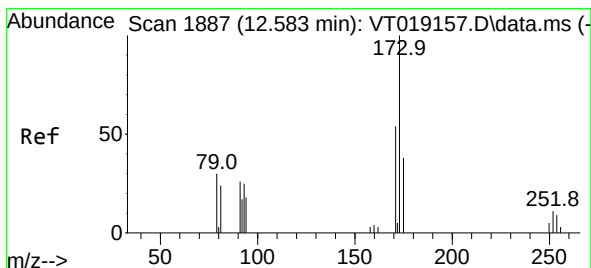
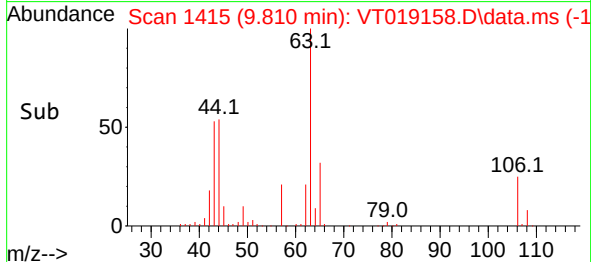
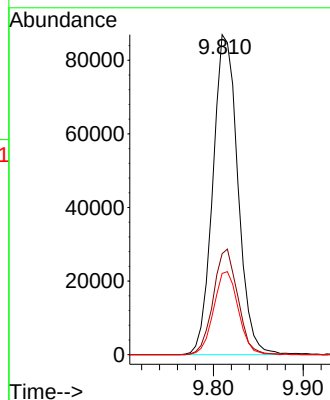
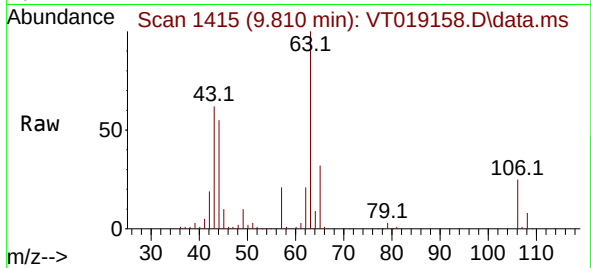
106 25.5 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#56

Bromoform

Concen: 54.725 ug/l

RT: 12.577 min Scan# 1886

Delta R.T. 0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

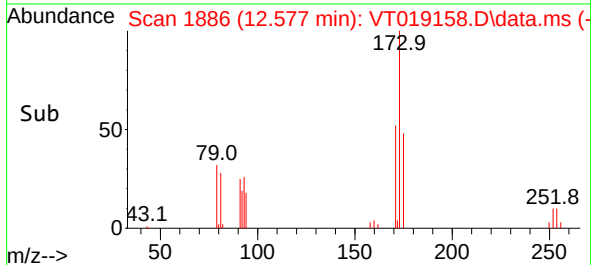
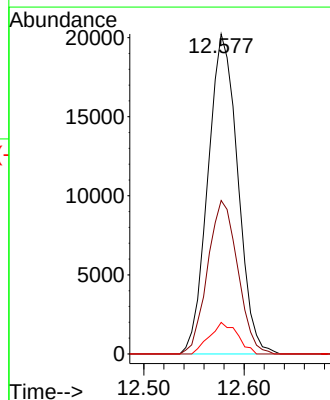
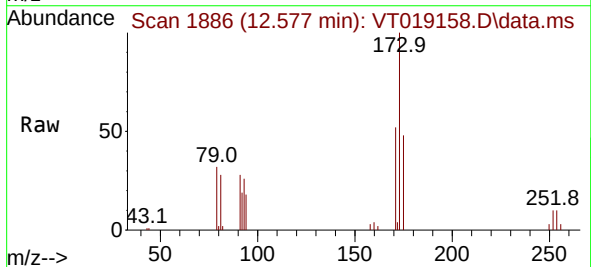
Tgt Ion:173 Resp: 41752

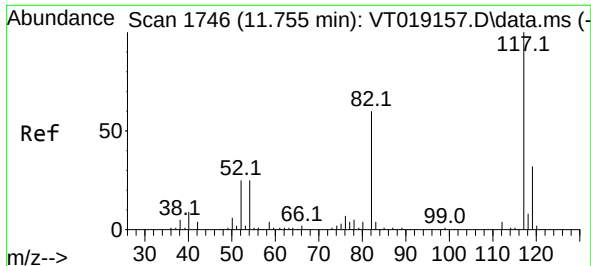
Ion Ratio Lower Upper

173 100

175 48.5 2.6 3.8#

254 9.3 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.755 min Scan# 117

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC050

Tgt Ion:117 Resp: 11248

Ion Ratio Lower Upper

117 100

82 58.3 46.0 69.0

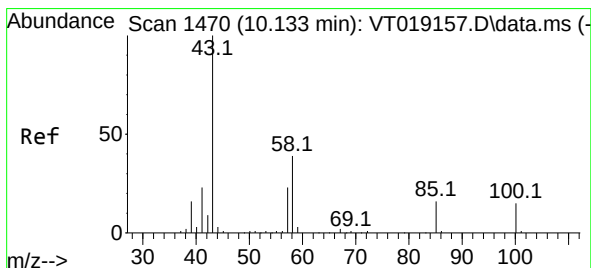
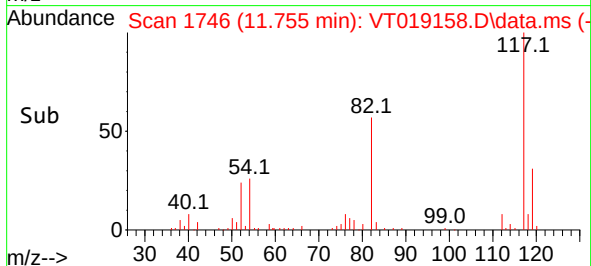
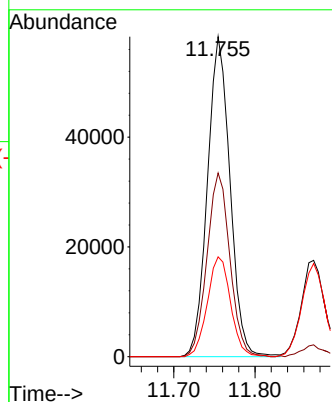
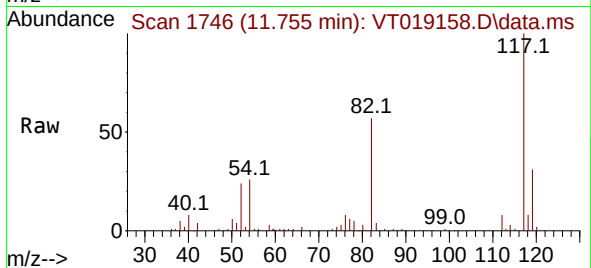
119 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

4-Methyl-2-Pentanone

Concen: 247.421 ug/l

RT: 10.139 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

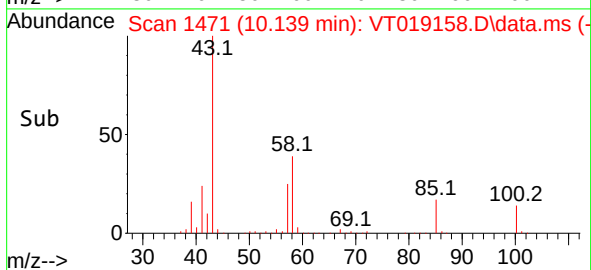
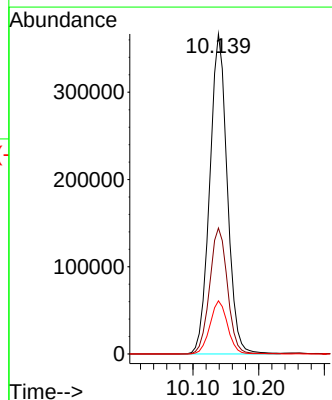
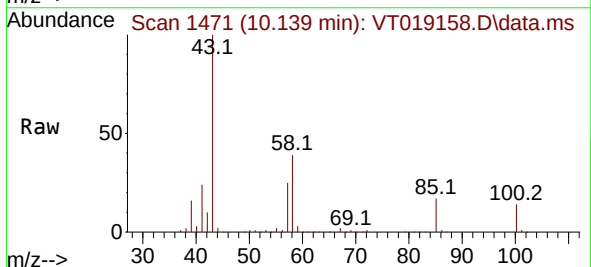
Tgt Ion: 43 Resp: 681568

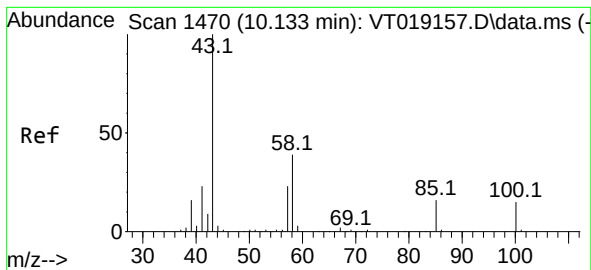
Ion Ratio Lower Upper

43 100

58 40.0 30.6 45.8

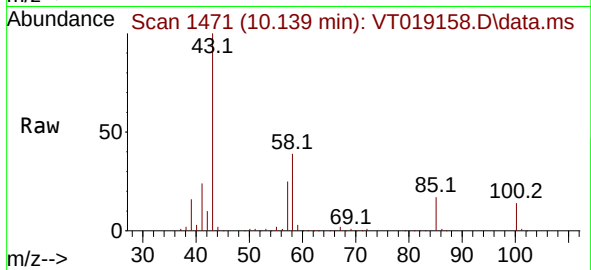
85 16.6 13.4 20.2





#59
2-Hexanone
Concen: 247.421 ug/l
RT: 10.139 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

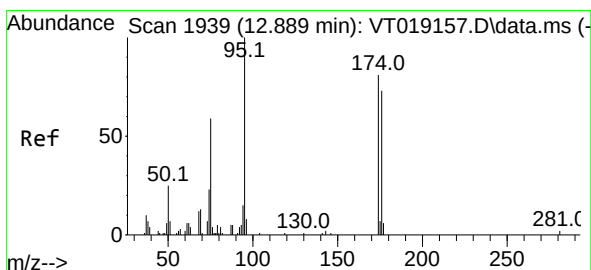
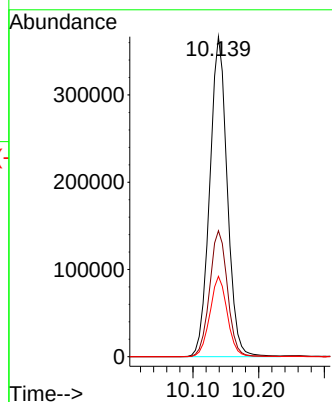
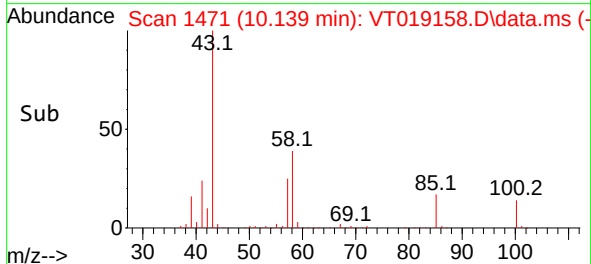
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 68156
Ion Ratio Lower Upper
43 100
58 40.0 42.0 63.0
57 25.0 14.6 21.8

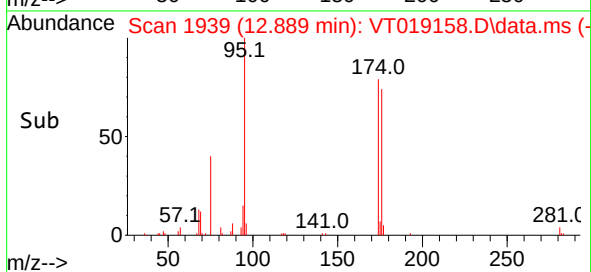
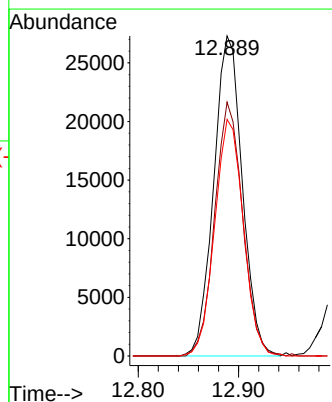
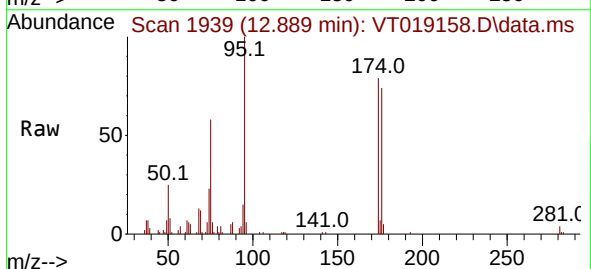
Manual Integrations
APPROVED

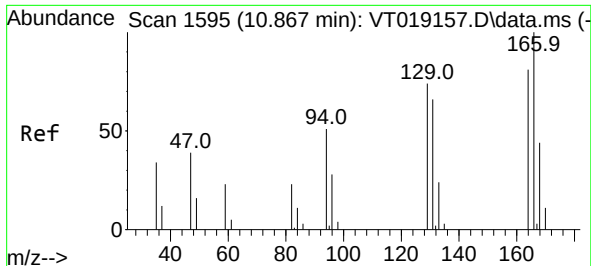
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
4-Bromofluorobenzene
Concen: 30.558 ug/l
RT: 12.889 min Scan# 1939
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

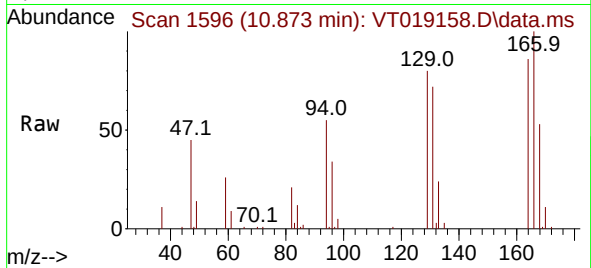
Tgt Ion: 95 Resp: 54023
Ion Ratio Lower Upper
95 100
174 77.5 57.5 86.3
176 74.3 56.4 84.6





#61
Tetrachloroethene
Concen: 47.543 ug/l
RT: 10.873 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

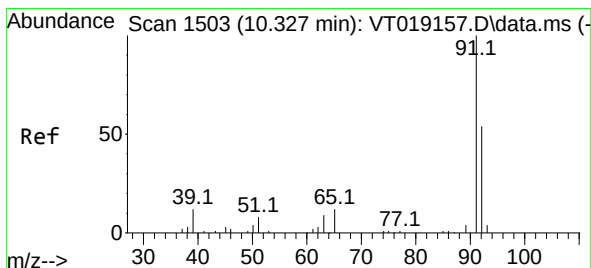
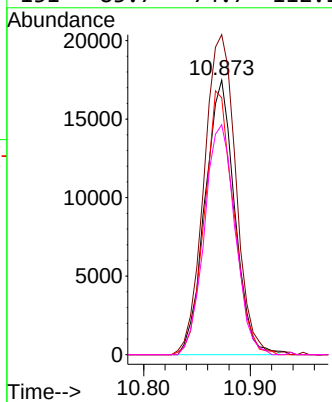
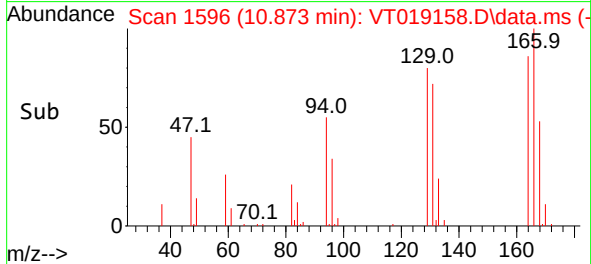
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



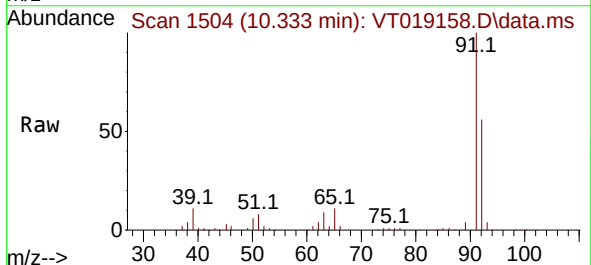
Tgt Ion:164 Resp: 3380
Ion Ratio Lower Upper
164 100
166 115.6 101.0 151.4
129 93.6 78.6 117.8
131 83.7 74.7 112.1

Manual Integrations
APPROVED

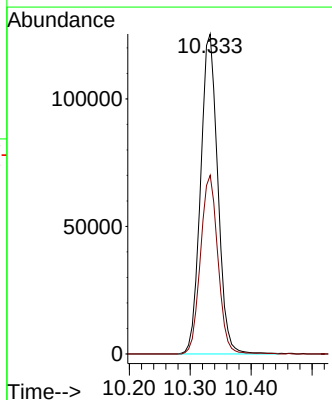
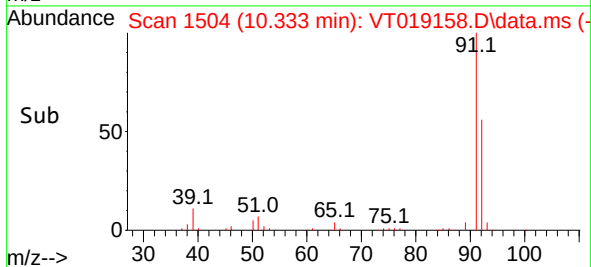
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

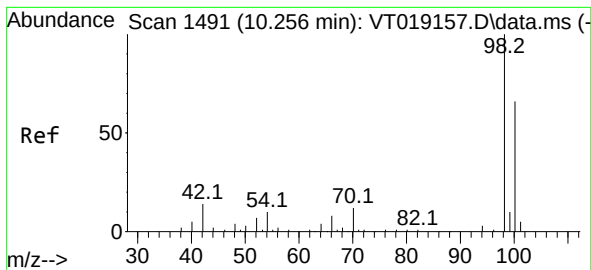


#62
Toluene
Concen: 48.855 ug/l
RT: 10.333 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



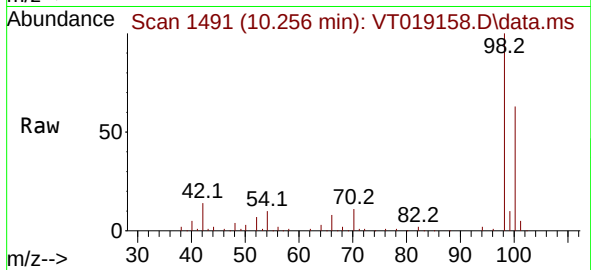
Tgt Ion: 91 Resp: 246143
Ion Ratio Lower Upper
91 100
92 56.4 46.6 69.8





#63
Toluene-d8
Concen: 30.195 ug/l
RT: 10.256 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

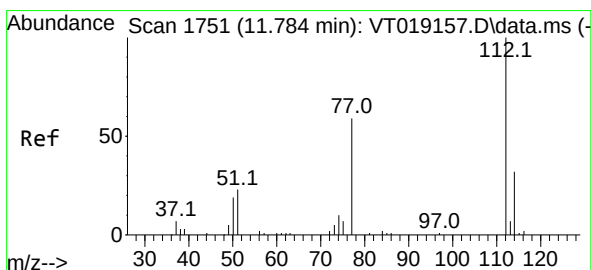
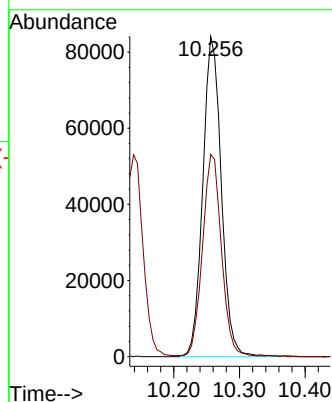
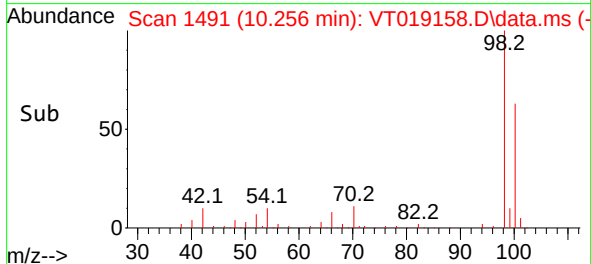
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 98 Resp: 165318
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3

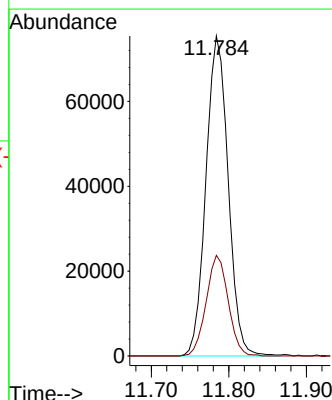
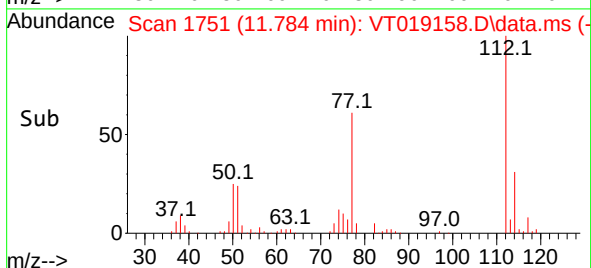
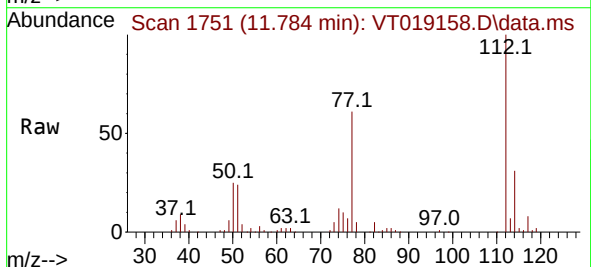
Manual Integrations
APPROVED

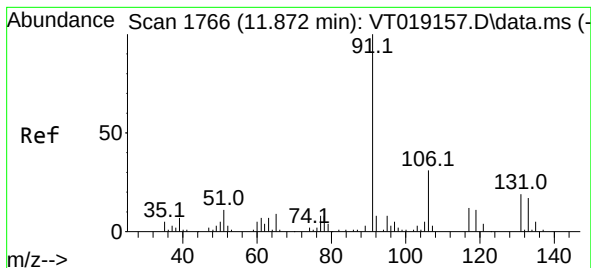
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Chlorobenzene
Concen: 48.763 ug/l
RT: 11.784 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion:112 Resp: 150066
Ion Ratio Lower Upper
112 100
114 31.5 23.6 35.4





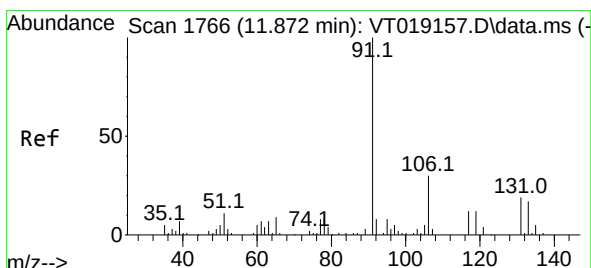
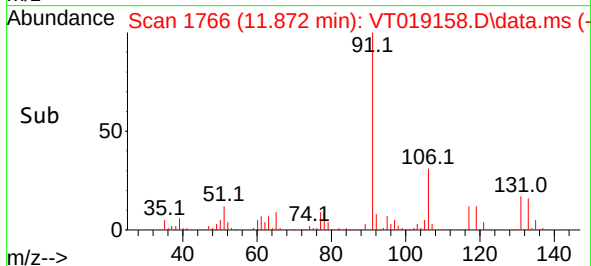
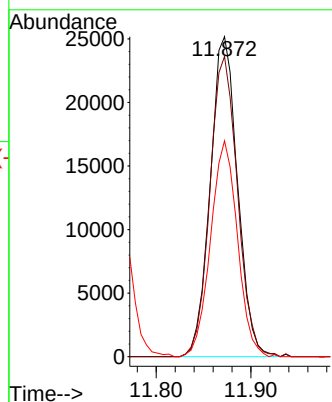
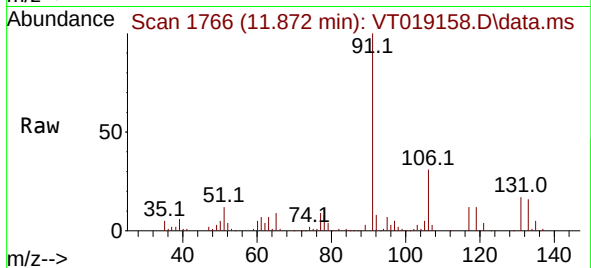
#65
1,1,1,2-Tetrachloroethane
Concen: 50.185 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 50307
Ion Ratio Lower Upper
131 100
133 94.9 0.0 188.2
119 66.3 0.0 101.8

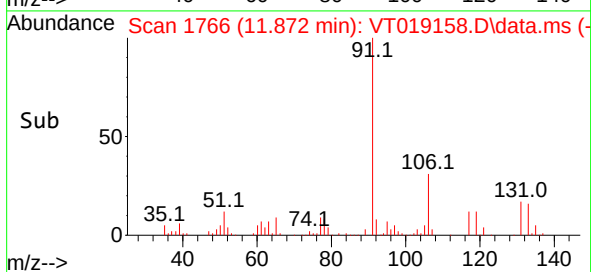
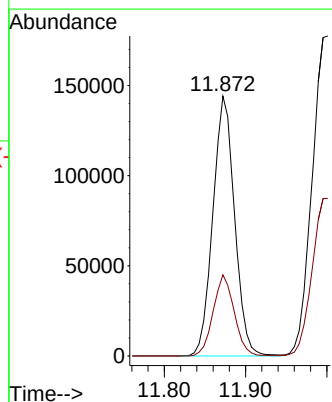
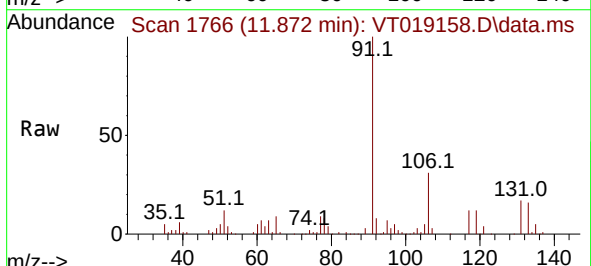
Manual Integrations
APPROVED

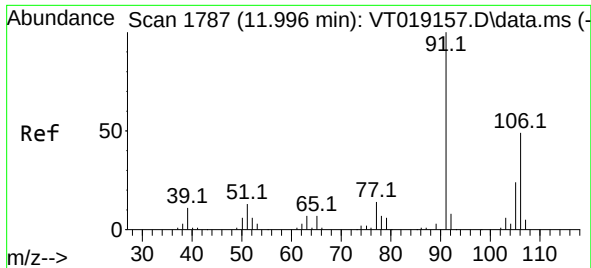
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 48.865 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 91 Resp: 267564
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7





#67

m/p-Xylenes

Concen: 96.466 ug/l

RT: 12.001 min Scan# 1788

Delta R.T. 0.006 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC050

Tgt Ion:106 Resp: 196350

Ion Ratio Lower Upper

106 100

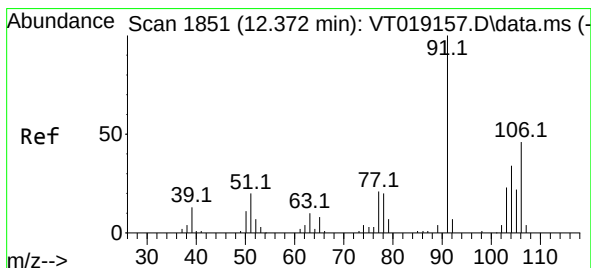
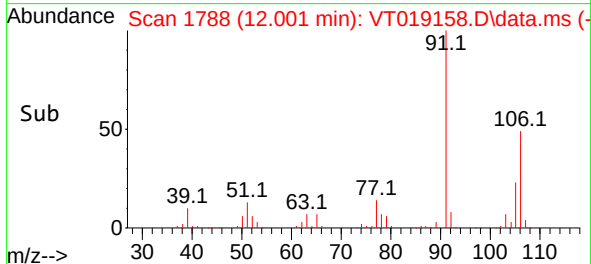
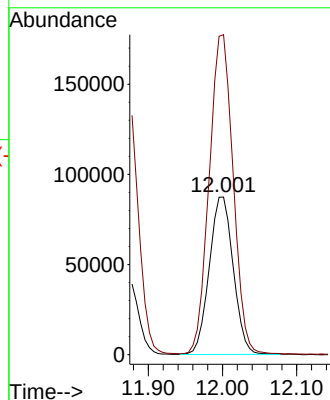
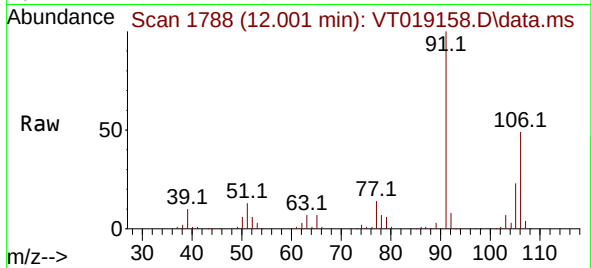
91 202.6 164.4 246.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#68

o-Xylene

Concen: 48.610 ug/l

RT: 12.371 min Scan# 1851

Delta R.T. -0.001 min

Lab File: VT019158.D

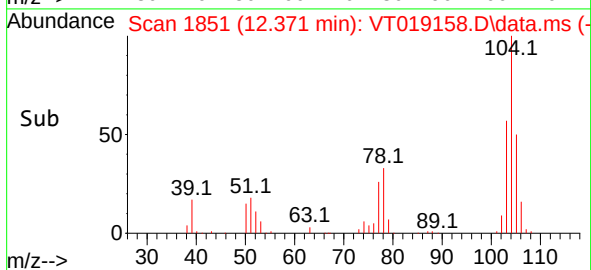
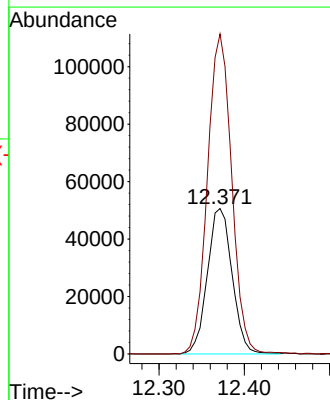
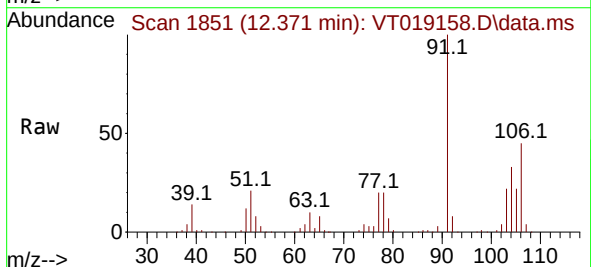
Acq: 22 Oct 2025 14:58

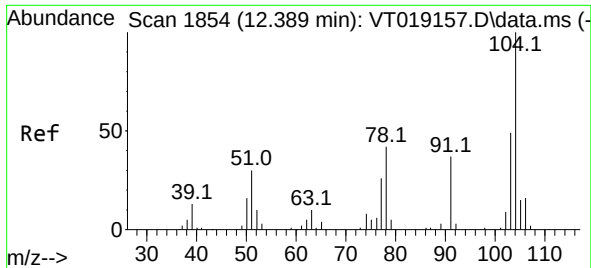
Tgt Ion:106 Resp: 102130

Ion Ratio Lower Upper

106 100

91 215.6 111.3 333.8





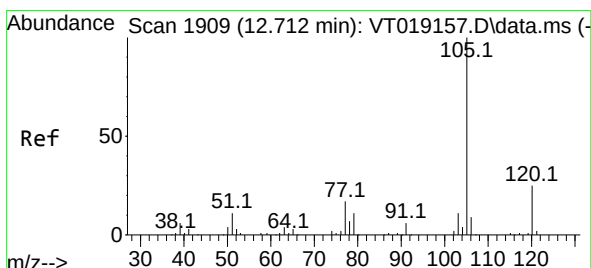
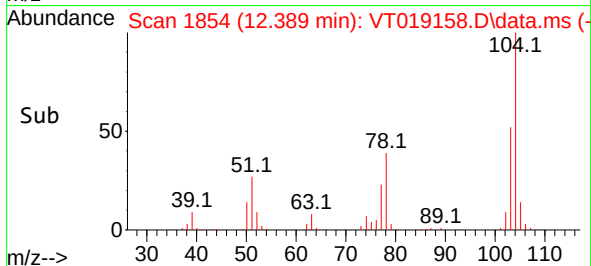
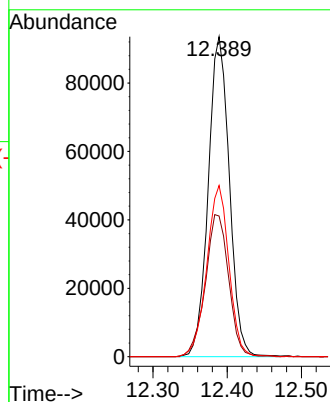
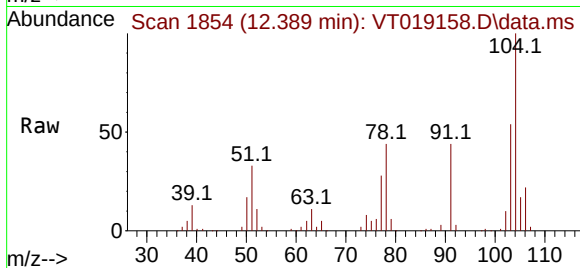
#69
Styrene
Concen: 49.173 ug/l
RT: 12.389 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion:104 Resp: 18548
Ion Ratio Lower Upper
104 100
78 48.8 42.6 63.8
103 56.0 43.5 65.3

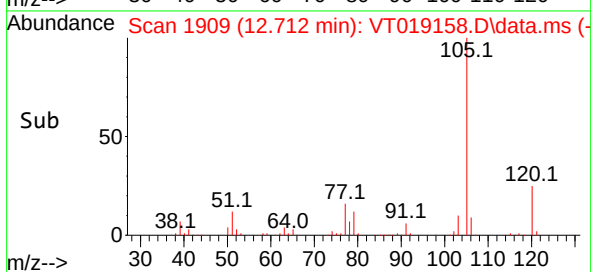
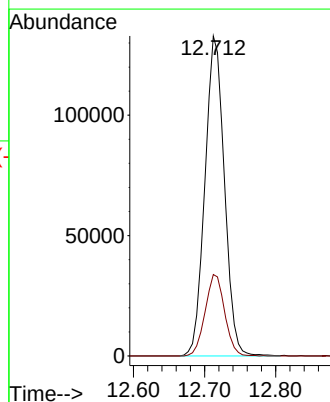
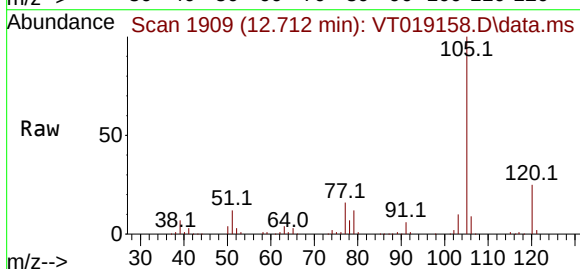
Manual Integrations
APPROVED

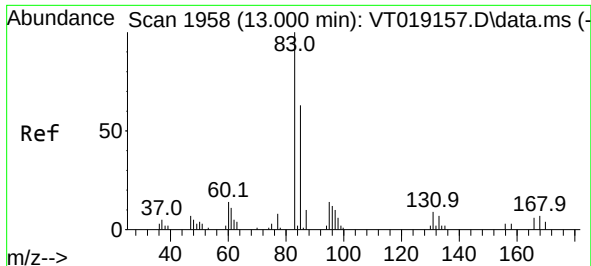
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 49.226 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

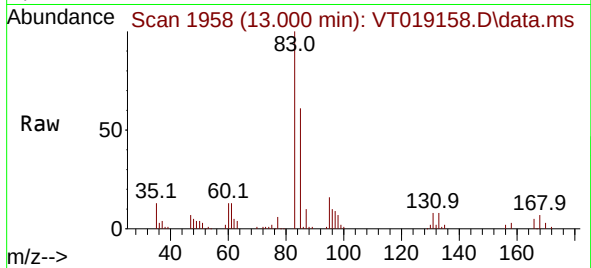
Tgt Ion:105 Resp: 253686
Ion Ratio Lower Upper
105 100
120 25.4 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 49.155 ug/l
RT: 13.000 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

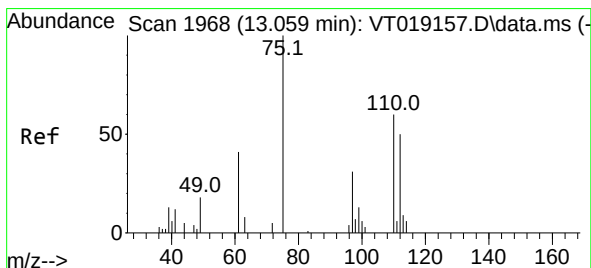
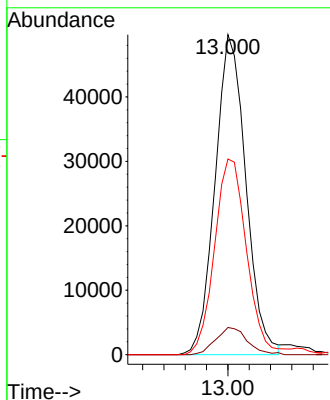
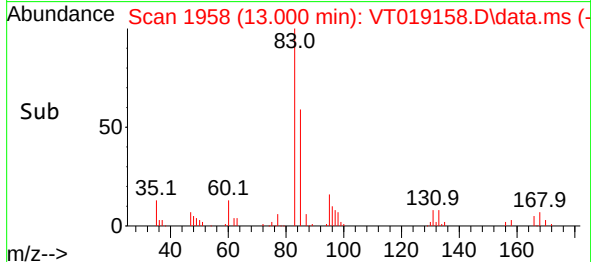
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 99394
Ion Ratio Lower Upper
83 100
131 8.7 6.0 18.0
85 63.9 32.3 96.9

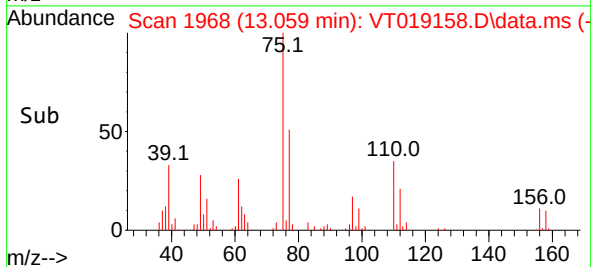
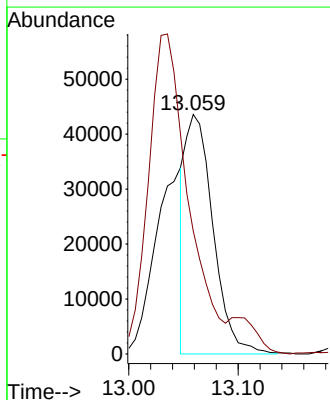
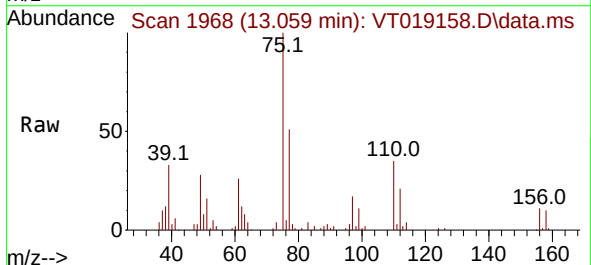
Manual Integrations
APPROVED

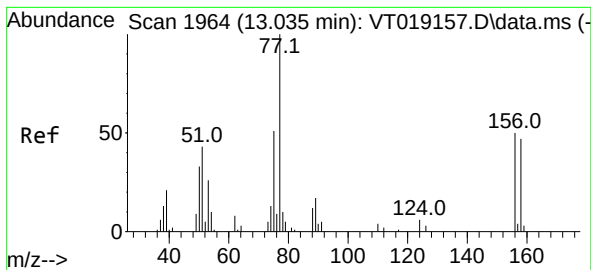
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 48.123 ug/l m
RT: 13.059 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 75 Resp: 76694
Ion Ratio Lower Upper
75 100
77 192.5 0.0 74.2#





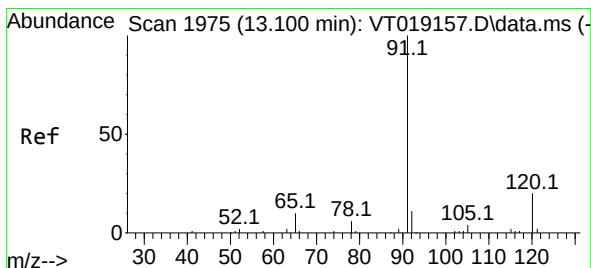
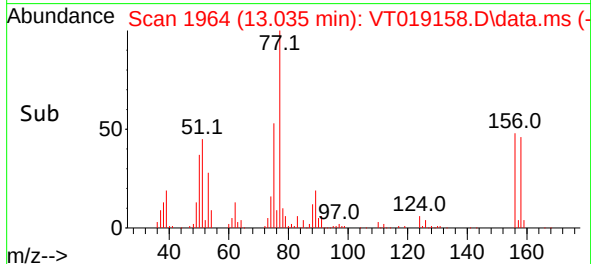
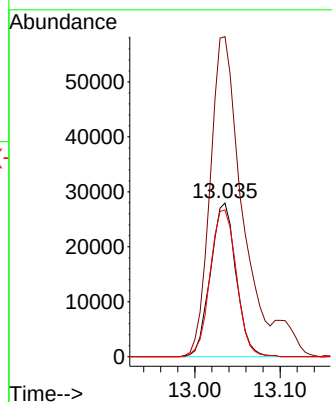
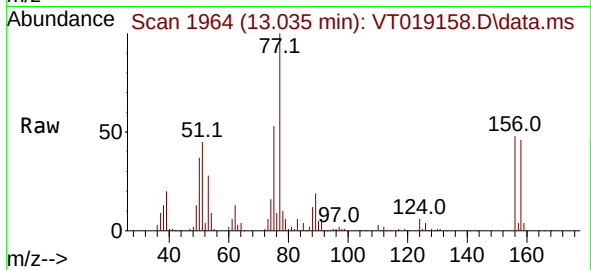
#73
Bromobenzene
Concen: 48.034 ug/l
RT: 13.035 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 5821
Ion Ratio Lower Upper
156 100
77 253.6 0.0 340.8
158 98.0 0.0 189.0

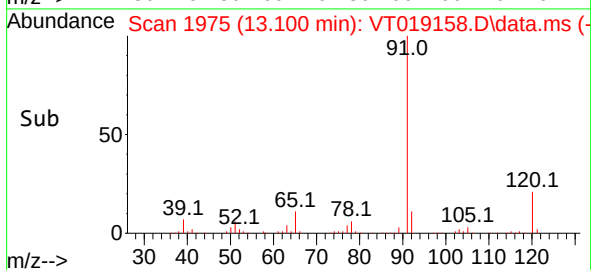
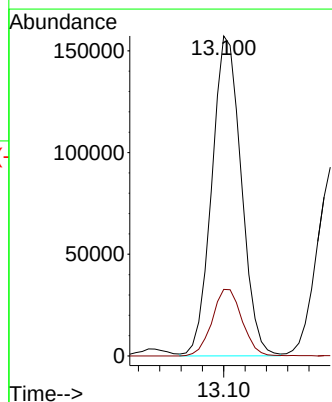
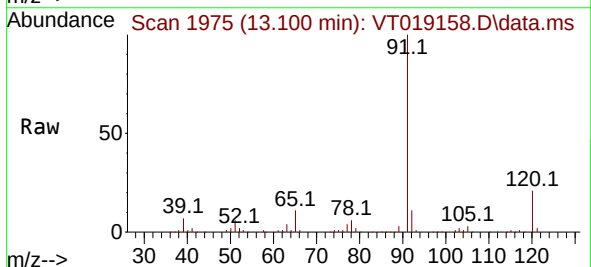
Manual Integrations
APPROVED

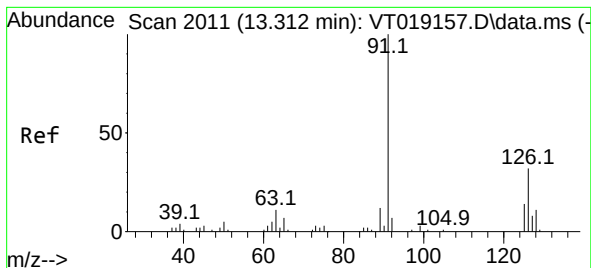
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
n-propylbenzene
Concen: 48.465 ug/l
RT: 13.100 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion: 91 Resp: 301172
Ion Ratio Lower Upper
91 100
120 21.1 0.0 44.4





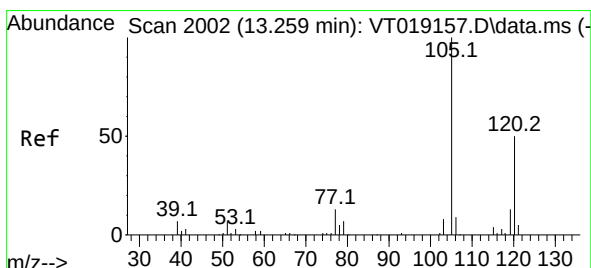
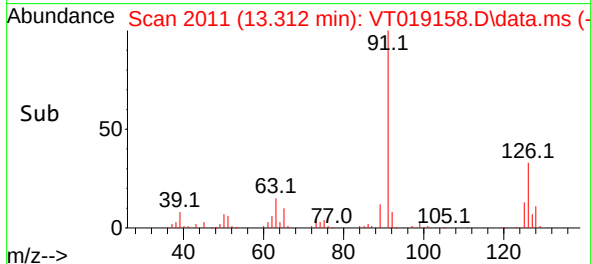
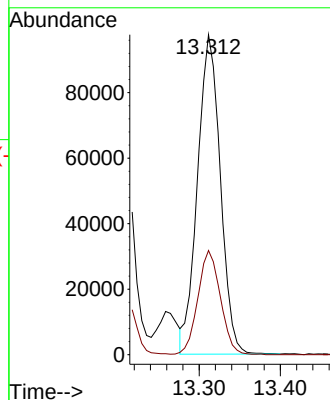
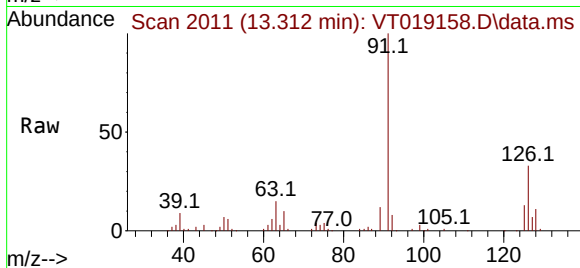
#75
2-Chlorotoluene
Concen: 50.015 ug/l
RT: 13.312 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 190268
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.6

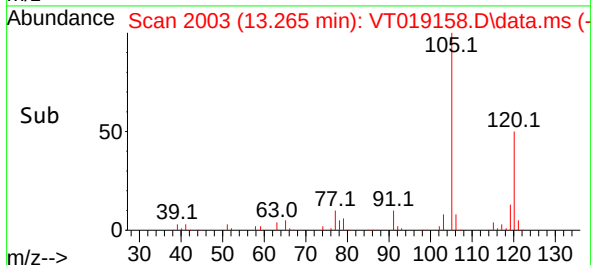
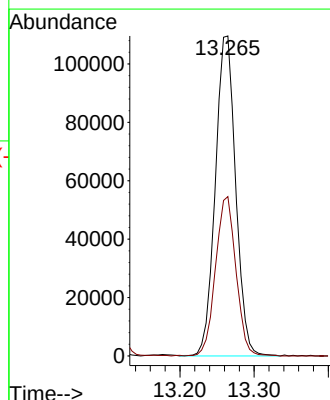
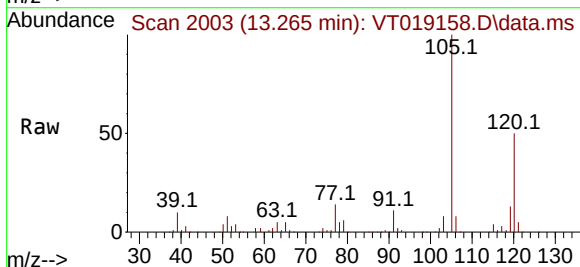
Manual Integrations
APPROVED

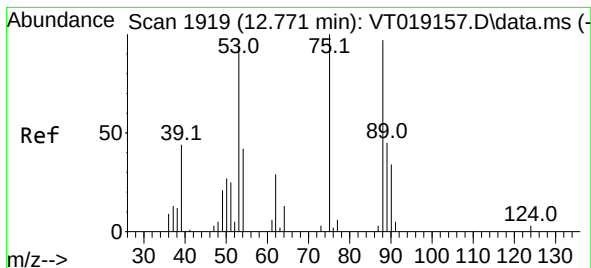
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 49.472 ug/l
RT: 13.265 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

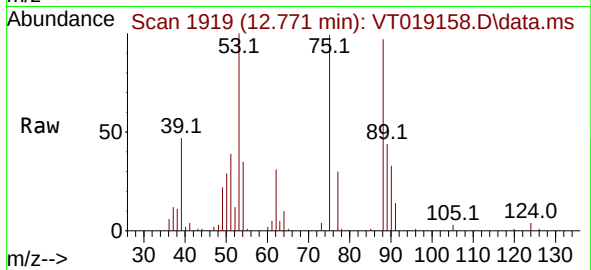
Tgt Ion:105 Resp: 209165
Ion Ratio Lower Upper
105 100
120 49.9 0.0 93.0





#77
 t-1,4-Dichloro-2-butene
 Concen: 53.954 ug/l
 RT: 12.771 min Scan# 1919
 Delta R.T. 0.006 min
 Lab File: VT019158.D
 Acq: 22 Oct 2025 14:58

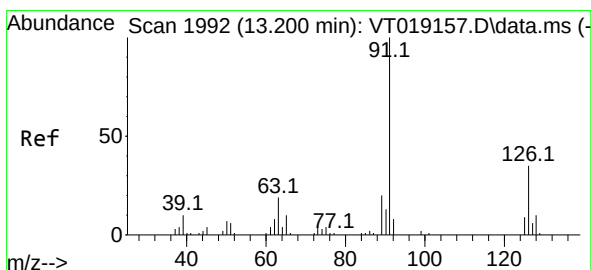
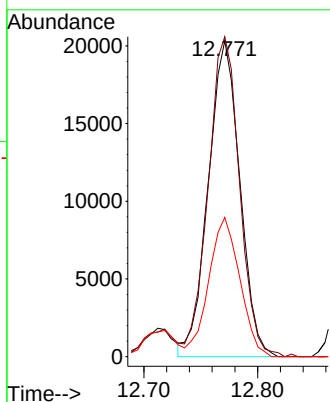
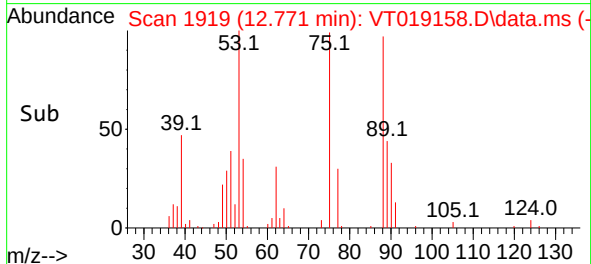
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC050



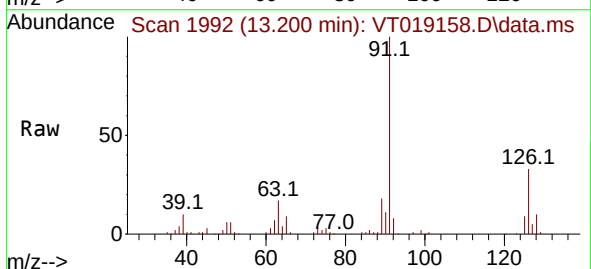
Tgt Ion: 75 Resp: 39120
 Ion Ratio Lower Upper
 75 100
 53 100.0 48.4 145.2
 89 44.0 33.8 101.3

Manual Integrations
 APPROVED

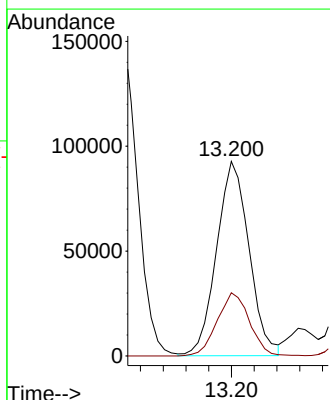
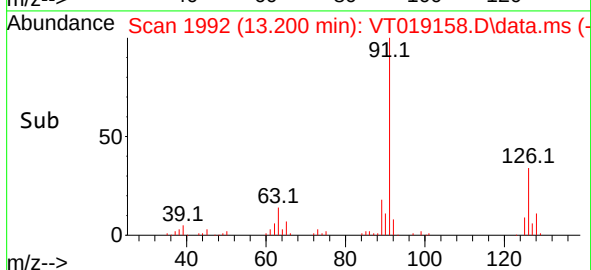
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

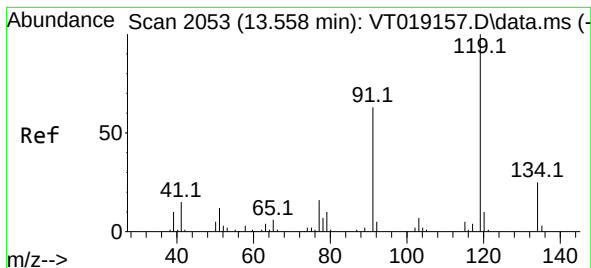


#78
 4-Chlorotoluene
 Concen: 49.058 ug/l
 RT: 13.200 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VT019158.D
 Acq: 22 Oct 2025 14:58



Tgt Ion: 91 Resp: 184094
 Ion Ratio Lower Upper
 91 100
 126 32.4 0.0 57.2





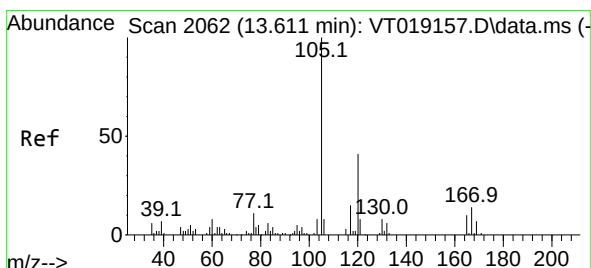
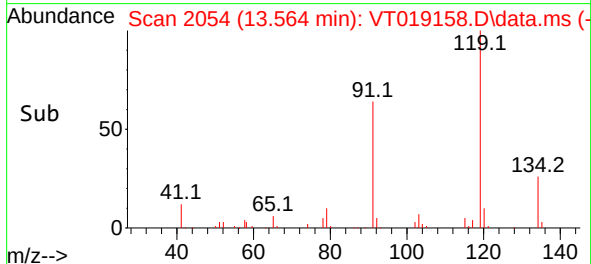
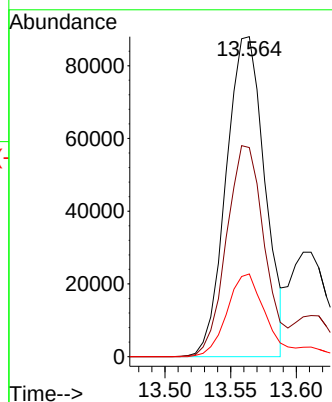
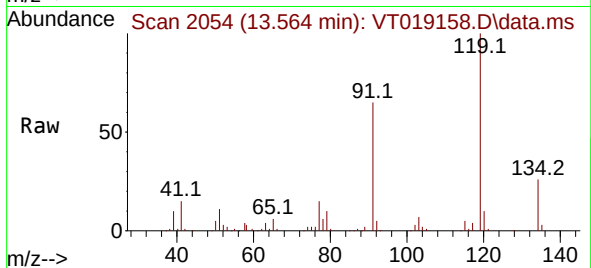
#79
tert-butylbenzene
Concen: 47.974 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC050

Tgt Ion:119 Resp: 180140
Ion Ratio Lower Upper
119 100
91 65.5 0.0 120.6
134 25.6 0.0 46.0

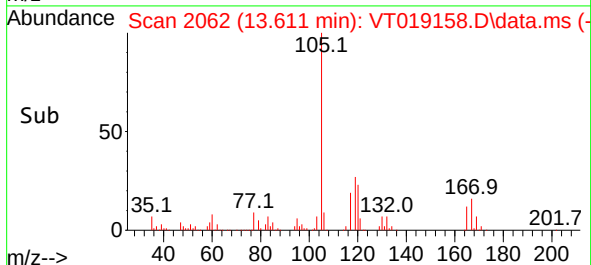
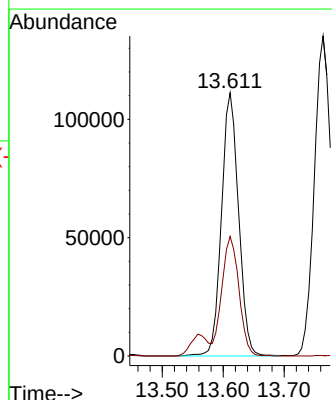
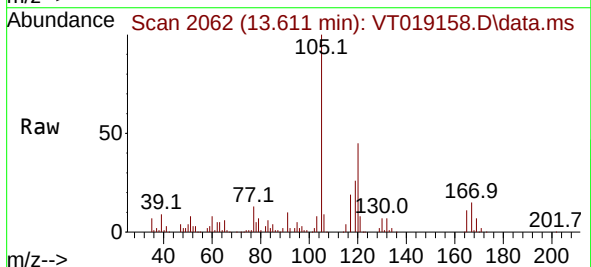
Manual Integrations
APPROVED

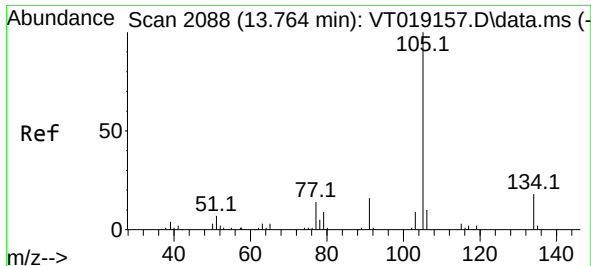
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,2,4-Trimethylbenzene
Concen: 49.127 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion:105 Resp: 216711
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.6





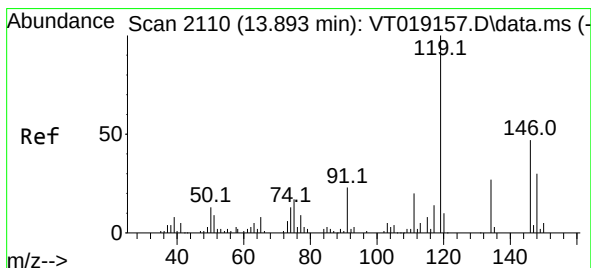
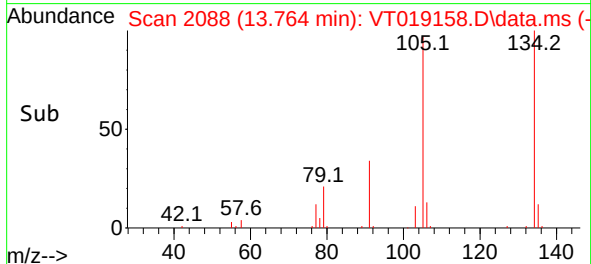
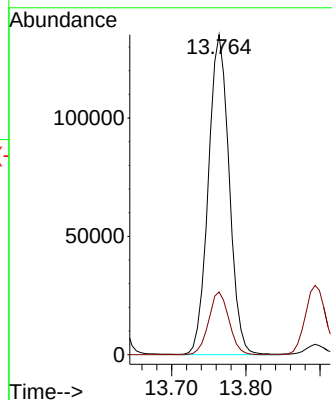
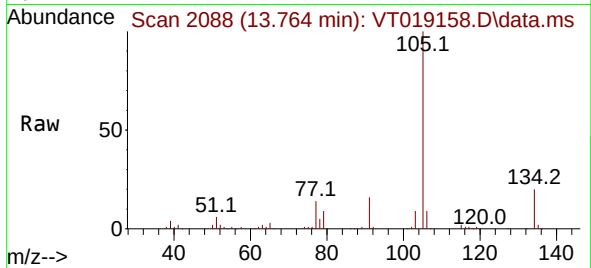
#81
 sec-Butylbenzene
 Concen: 48.731 ug/l
 RT: 13.764 min Scan# 2088
 Delta R.T. -0.000 min
 Lab File: VT019158.D
 Acq: 22 Oct 2025 14:58

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 26366
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4

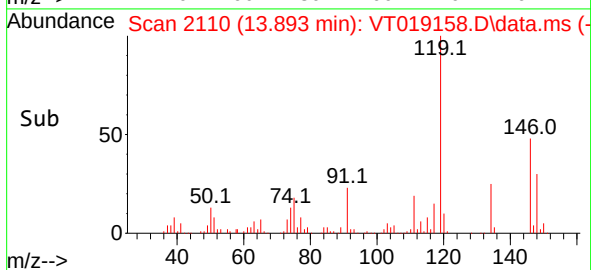
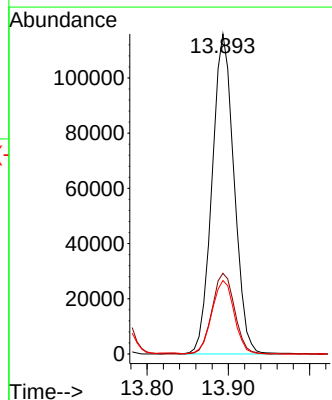
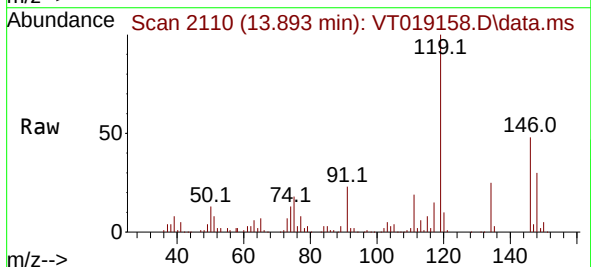
Manual Integrations
 APPROVED

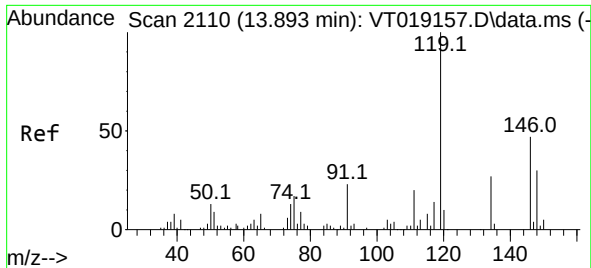
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#82
 p-Isopropyltoluene
 Concen: 48.443 ug/l
 RT: 13.893 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: VT019158.D
 Acq: 22 Oct 2025 14:58

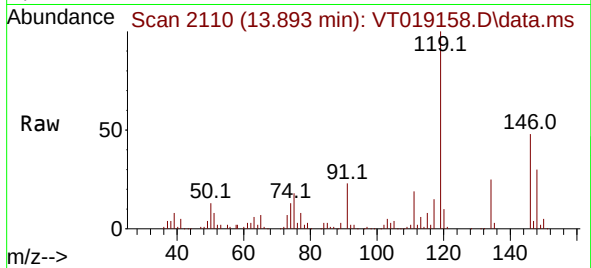
Tgt Ion:119 Resp: 218054
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 23.3 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 48.950 ug/l
RT: 13.893 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

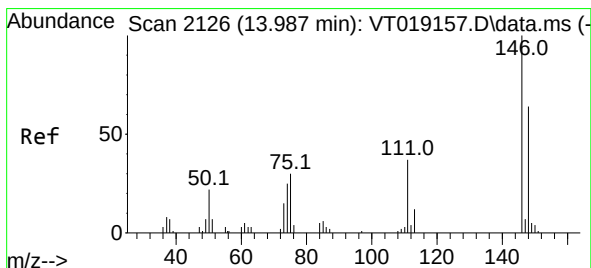
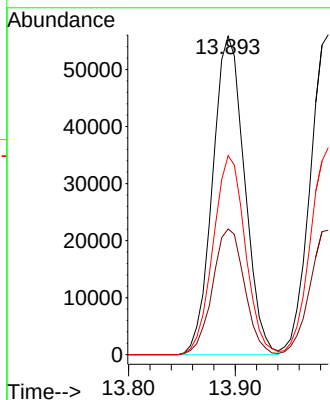
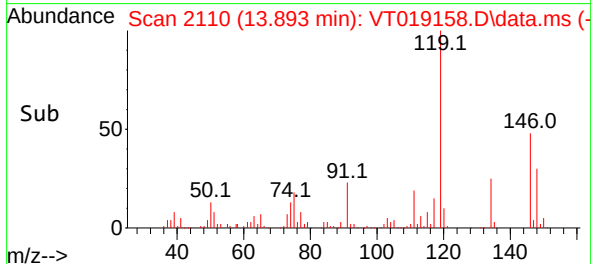
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



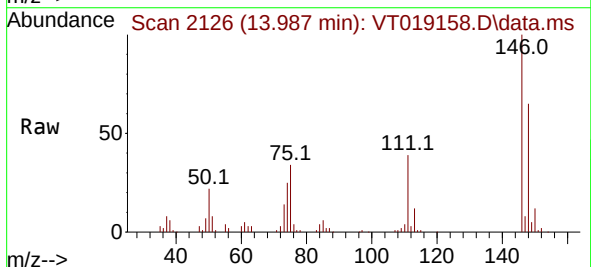
Tgt Ion:146 Resp: 116330
Ion Ratio Lower Upper
146 100
111 39.5 20.7 62.1
148 62.8 31.8 95.3

Manual Integrations
APPROVED

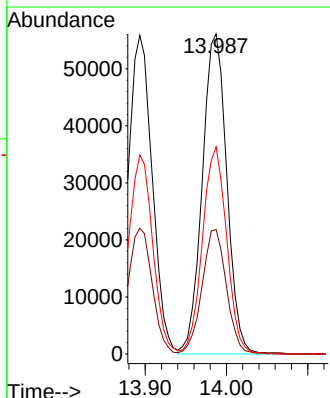
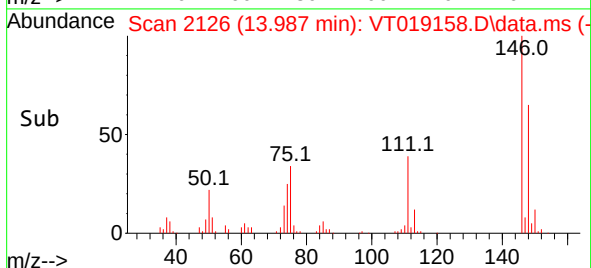
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

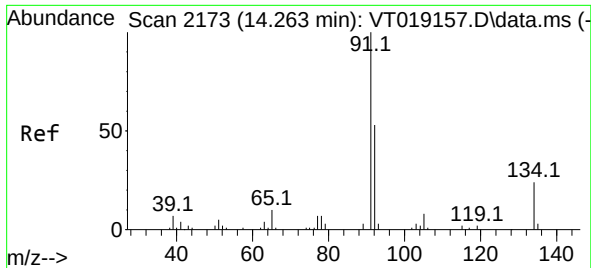


#84
1,4-Dichlorobenzene
Concen: 49.224 ug/l
RT: 13.987 min Scan# 2126
Delta R.T. 0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



Tgt Ion:146 Resp: 117786
Ion Ratio Lower Upper
146 100
111 38.7 20.4 61.3
148 63.9 32.3 96.8





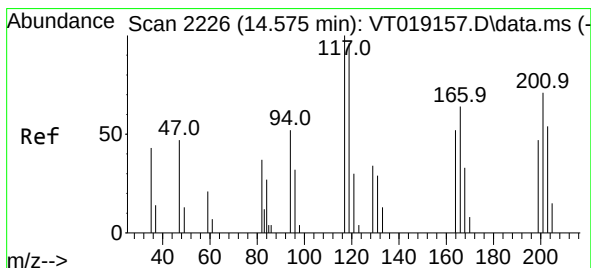
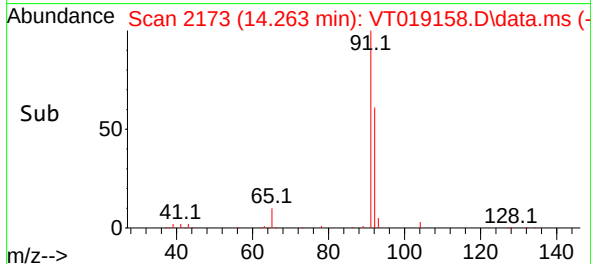
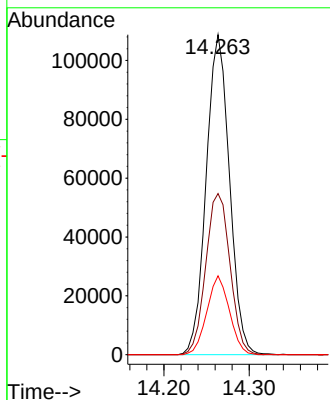
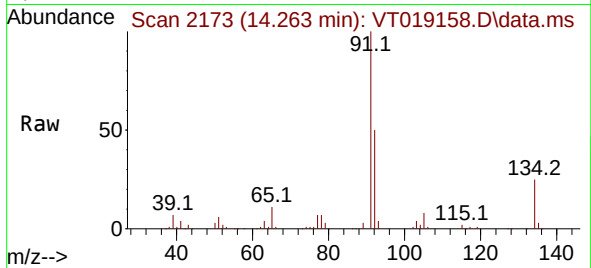
#85
n-Butylbenzene
Concen: 50.214 ug/l
RT: 14.263 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 206859
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.8
134 23.8 0.0 50.0

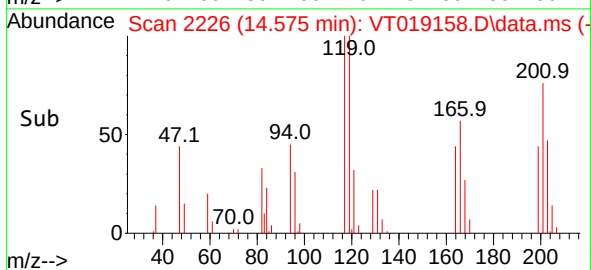
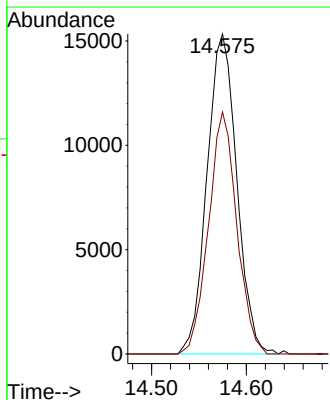
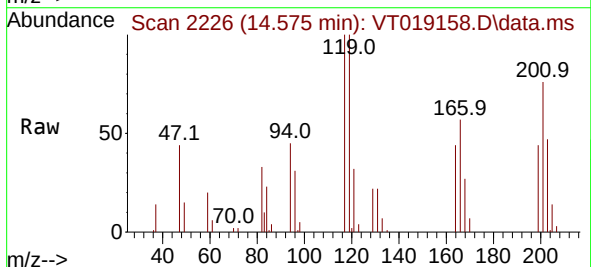
Manual Integrations
APPROVED

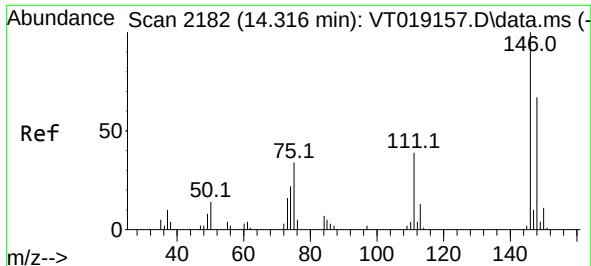
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#86
Hexachloroethane
Concen: 55.440 ug/l
RT: 14.575 min Scan# 2226
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Tgt Ion:117 Resp: 33443
Ion Ratio Lower Upper
117 100
201 71.8 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 49.874 ug/l

RT: 14.316 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VT019158.D

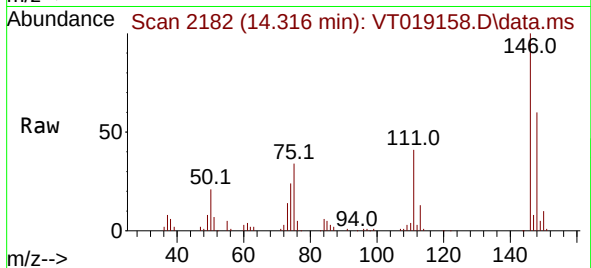
Acq: 22 Oct 2025 14:58

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC050



Tgt Ion:146 Resp: 118414

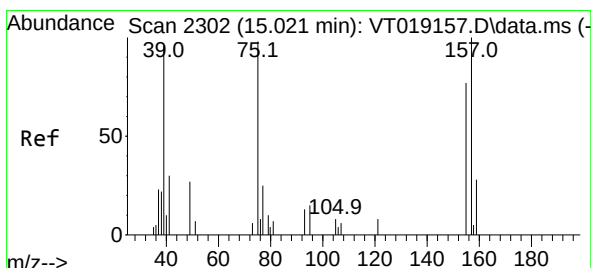
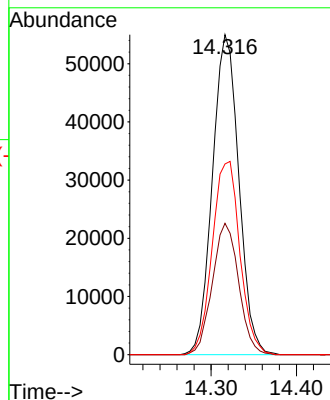
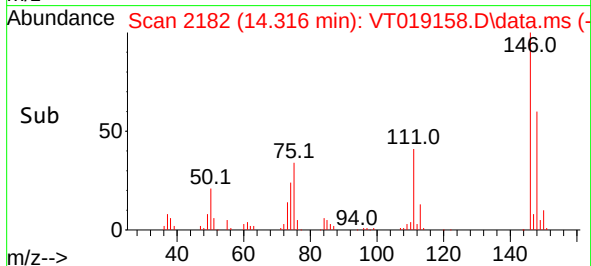
Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.8	65.3
148	63.2	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.569 ug/l

RT: 15.021 min Scan# 2302

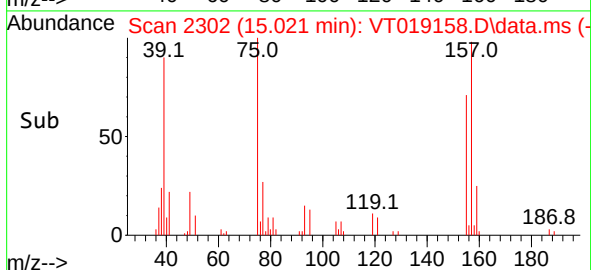
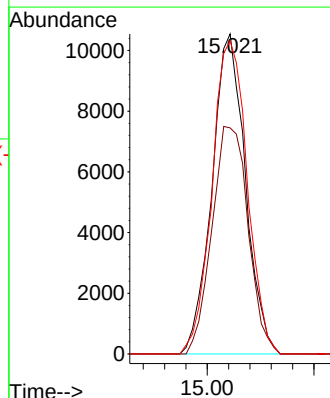
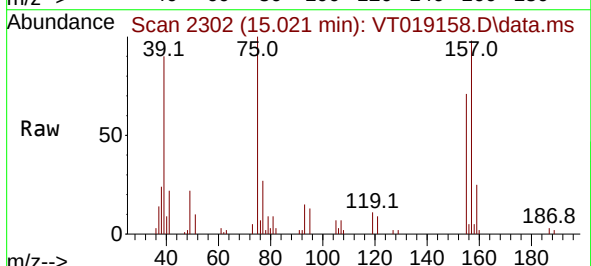
Delta R.T. 0.000 min

Lab File: VT019158.D

Acq: 22 Oct 2025 14:58

Tgt Ion: 75 Resp: 22909

Ion	Ratio	Lower	Upper
75	100		
155	77.0	65.4	98.2
157	103.1	82.0	123.0





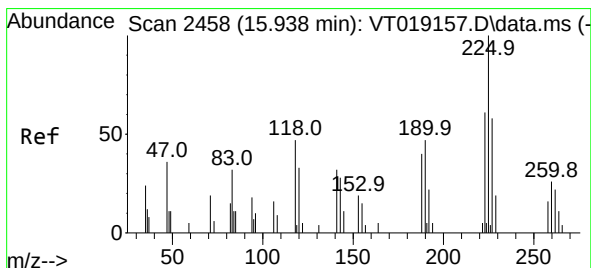
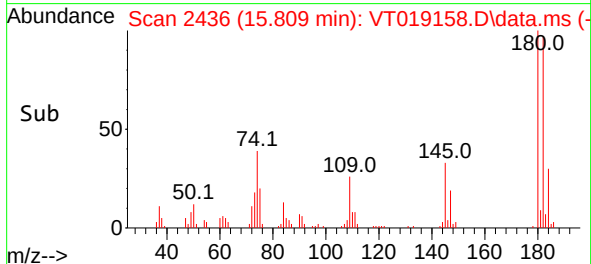
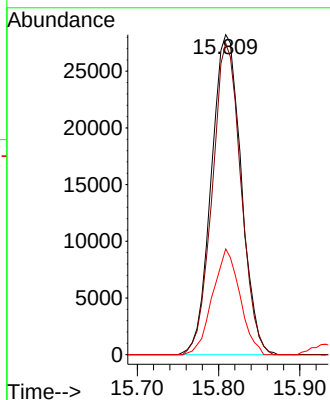
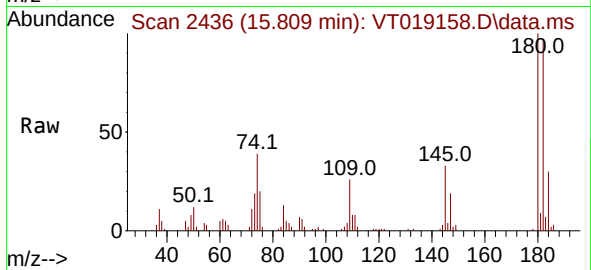
#89
1,2,4-Trichlorobenzene
Concen: 49.717 ug/l
RT: 15.809 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050

Tgt Ion:180 Resp: 71859
Ion Ratio Lower Upper
180 100
182 93.5 78.2 117.2
145 30.4 26.5 39.7

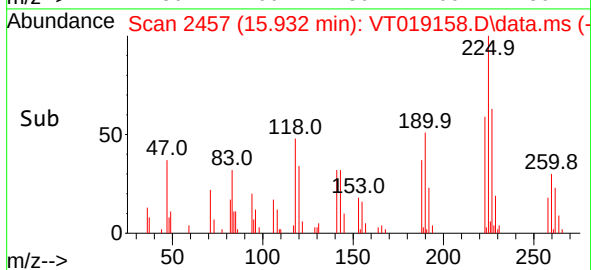
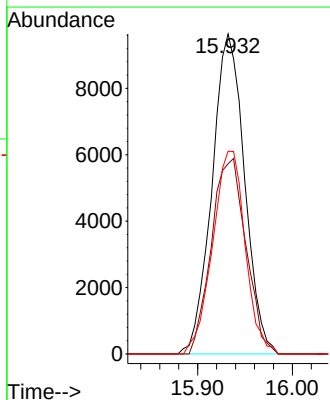
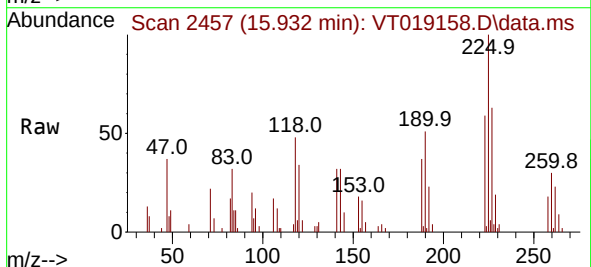
Manual Integrations
APPROVED

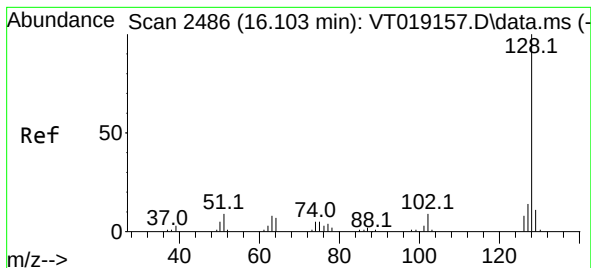
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachlorobutadiene
Concen: 47.958 ug/l
RT: 15.932 min Scan# 2457
Delta R.T. -0.006 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

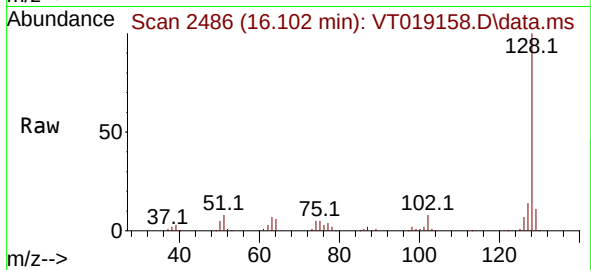
Tgt Ion:225 Resp: 22983
Ion Ratio Lower Upper
225 100
223 64.9 0.0 73.8
227 63.4 0.0 130.6





#91
Naphthalene
Concen: 49.726 ug/l
RT: 16.102 min Scan# 2486
Delta R.T. 0.005 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58

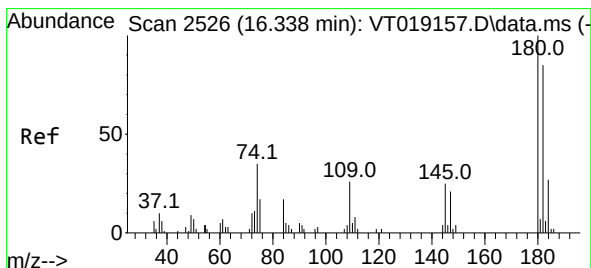
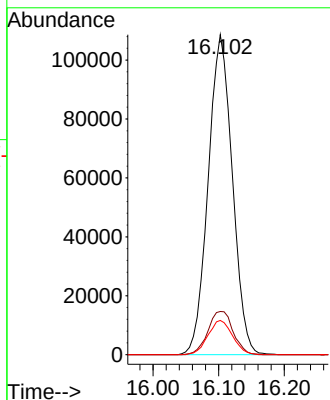
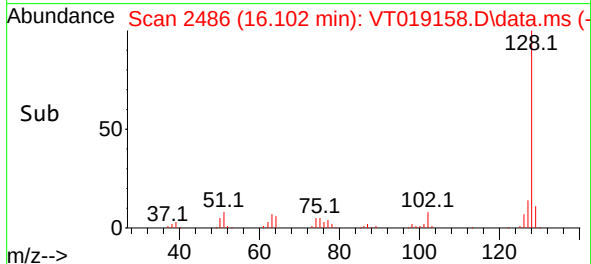
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC050



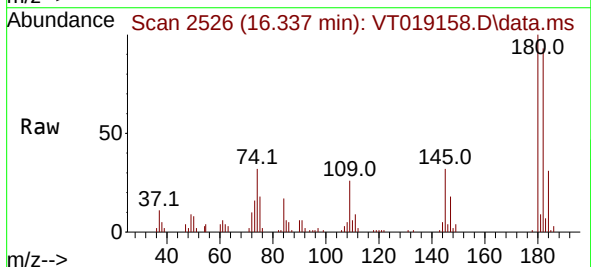
Tgt Ion:128 Resp: 27780
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.9 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 49.307 ug/l
RT: 16.337 min Scan# 2526
Delta R.T. -0.001 min
Lab File: VT019158.D
Acq: 22 Oct 2025 14:58



Tgt Ion:180 Resp: 71935
Ion Ratio Lower Upper
180 100
182 95.1 0.0 189.0
145 32.4 0.0 69.2

