

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019165.D
 Acq On : 23 Oct 2025 10:57
 Operator : SY/MD
 Sample : VT1023WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 06:41:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.072	128	24249	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.564	114	157069	30.000	ug/l	-0.01
57) Chlorobenzene-d5	11.743	117	130482	30.000	ug/l	-0.01
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	66164	31.144	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.800%	
60) 4-Bromofluorobenzene	12.877	95	60437	29.471	ug/l	-0.01
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.233%	
63) Toluene-d8	10.245	98	191331	30.127	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.878	85	12272	18.440	ug/l	100
3) Chloromethane	2.107	50	26951m	17.643	ug/l	
4) Vinyl Chloride	2.201	62	28393	16.631	ug/l	93
5) Bromomethane	2.548	94	25154	17.741	ug/l	90
6) Chloroethane	2.689	64	23855	15.844	ug/l	99
7) Trichlorofluoromethane	2.988	101	45257	16.346	ug/l	96
8) Diethyl Ether	3.353	74	27812	16.315	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.682	101	25880	23.808	ug/l	97
10) 1,1-Dichloroethene	3.658	96	25191	23.134	ug/l	92
11) Methyl Iodide	3.864	142	19668	18.534	ug/l #	8
12) Methyl Acetate	4.216	43	82642	19.192	ug/l	98
13) Acrolein	3.541	56	16671	114.792	ug/l	96
14) Acrylonitrile	4.839	53	114922	86.587	ug/l	98
15) Acetone	3.735	58	45183	95.549	ug/l	95
16) Carbon Disulfide	3.964	76	36300	17.848	ug/l	97
17) Allyl chloride	4.210	41	49865	19.264	ug/l	92
18) Methylene Chloride	4.428	84	30287	18.649	ug/l	90
19) trans-1,2-Dichloroethene	6.678	96	29901	17.848	ug/l	97
20) Diisopropyl ether	5.797	45	116745	17.717	ug/l #	68
21) 1,1-Dichloroethane	5.691	63	54503	17.702	ug/l	98
22) cis-1,2-Dichloroethene	6.678	96	29901	17.848	ug/l	94
23) tert-Butyl Alcohol	4.663	59	53435	91.894	ug/l #	100
24) Methyl tert-Butyl Ether	4.898	73	116649	17.827	ug/l	97
25) Chloroform	7.254	83	50387	17.890	ug/l	97
26) Cyclohexane	7.554	56	33356	18.461	ug/l #	100
29) 1,1-Dichloropropene	7.701	75	29216	17.776	ug/l	96
30) 2-Butanone	6.690	43	169243	83.542	ug/l	99
31) 2,2-Dichloropropane	6.672	77	42893	17.825	ug/l	92
32) 1,1,1-Trichloroethane	7.465	97	37286	18.007	ug/l #	77
33) Carbon Tetrachloride	7.689	117	25777	19.429	ug/l #	98
34) Benzene	7.971	78	104870	17.222	ug/l #	81
35) Methacrylonitrile	7.042	41	28642	16.610	ug/l	92
36) 1,2-Dichloroethane	8.065	62	39096	17.319	ug/l	99
37) Trichloroethene	8.840	130	19484	17.393	ug/l	97
38) Methylcyclohexane	9.111	83	30852	18.640	ug/l	96
39) 1,2-Dichloropropane	9.152	63	26964	16.908	ug/l #	87
40) Dibromomethane	9.252	93	16392	16.670	ug/l #	75
41) Bromodichloromethane	10.779	83	21777	17.241	ug/l #	93
42) Vinyl Acetate	5.738	43	427285	85.966	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019165.D
 Acq On : 23 Oct 2025 10:57
 Operator : SY/MD
 Sample : VT1023WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBSD01

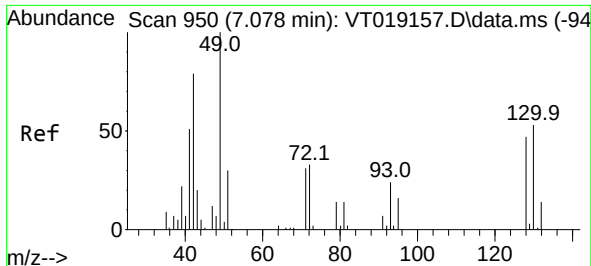
Manual Integrations
 APPROVED

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

Quant Time: Oct 24 06:41:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

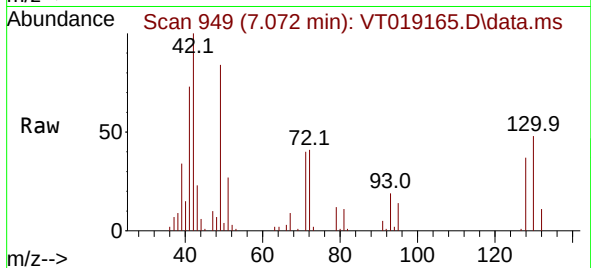
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.790	43	59646	17.911	ug/l	100
44) Isopropyl Acetate	8.106	43	91144	17.390	ug/l	97
45) 1,4-Dioxane	9.246	88	16497	362.814	ug/l #	76
46) Methyl methacrylate	9.246	41	40603	17.326	ug/l	84
47) n-amyl Acetate	12.489	43	61352	17.395	ug/l	99
48) t-1,3-Dichloropropene	10.574	75	40083	17.490	ug/l	97
49) cis-1,3-Dichloropropene	9.963	75	42236	17.543	ug/l	93
50) 1,1,2-Trichloroethane	10.779	97	25026	17.304	ug/l #	80
51) Ethyl methacrylate	10.627	69	48339	17.834	ug/l	94
52) 1,3-Dichloropropane	10.944	76	44154	17.093	ug/l	99
53) Dibromochloromethane	11.167	129	23860	17.685	ug/l #	2
54) 1,2-Dibromoethane	11.285	107	23259	17.290	ug/l	99
55) 2-Chloroethyl vinyl ether	9.798	63	61191	77.406	ug/l	98
56) Bromoform	12.560	173	16277	18.353	ug/l #	19
58) 4-Methyl-2-Pentanone	10.121	43	267178	83.613	ug/l	98
59) 2-Hexanone	10.121	43	267178	83.613	ug/l #	82
61) Tetrachloroethene	10.856	164	16027	19.433	ug/l	92
62) Toluene	10.315	91	99463	17.019	ug/l	100
64) Chlorobenzene	11.772	112	61446	17.213	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.855	131	21055	18.107	ug/l	91
66) Ethyl Benzene	11.860	91	111526	17.559	ug/l	97
67) m/p-Xylenes	11.984	106	81890	34.682	ug/l	100
68) o-Xylene	12.354	106	42032	17.246	ug/l	95
69) Styrene	12.377	104	74483	17.022	ug/l	96
70) Isopropylbenzene	12.701	105	106850	17.874	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.989	83	42412	18.082	ug/l	96
72) 1,2,3-Trichloropropane	13.047	75	33799m	19.521	ug/l	
73) Bromobenzene	13.018	156	24563	17.473	ug/l	65
74) n-propylbenzene	13.088	91	129938	18.026	ug/l	98
75) 2-Chlorotoluene	13.300	91	75732	17.162	ug/l	97
76) 1,3,5-Trimethylbenzene	13.247	105	88514	18.048	ug/l	96
77) t-1,4-Dichloro-2-butene	12.754	75	14465	17.194	ug/l	86
78) 4-Chlorotoluene	13.182	91	74901	17.207	ug/l	93
79) tert-butylbenzene	13.547	119	79912	18.346	ug/l	96
80) 1,2,4-Trimethylbenzene	13.594	105	91053	17.794	ug/l	99
81) sec-Butylbenzene	13.746	105	116858	18.619	ug/l	99
82) p-Isopropyltoluene	13.882	119	96090	18.403	ug/l	97
83) 1,3-Dichlorobenzene	13.876	146	48350	17.538	ug/l	97
84) 1,4-Dichlorobenzene	13.970	146	49847	17.958	ug/l	98
85) n-Butylbenzene	14.252	91	90555	18.950	ug/l	98
86) Hexachloroethane	14.557	117	14053	20.083	ug/l #	1
87) 1,2-Dichlorobenzene	14.305	146	48511	17.614	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	15.004	75	9619	18.666	ug/l	97
89) 1,2,4-Trichlorobenzene	15.791	180	30735	18.332	ug/l	97
90) Hexachlorobutadiene	15.915	225	11432	20.565	ug/l	83
91) Naphthalene	16.085	128	121059	18.681	ug/l	98
92) 1,2,3-Trichlorobenzene	16.314	180	31374	18.539	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.072 min Scan# 94
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

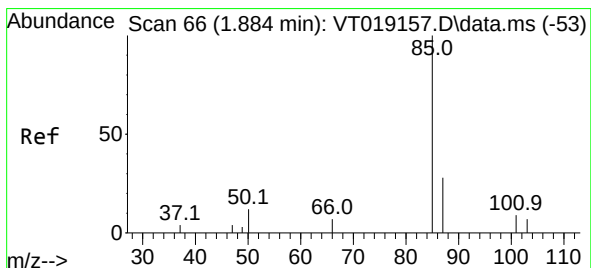
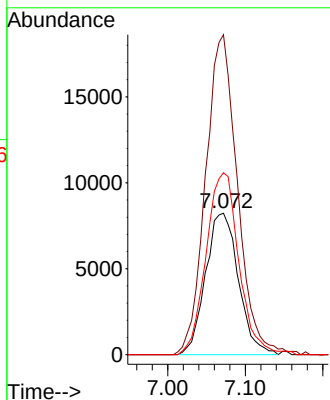
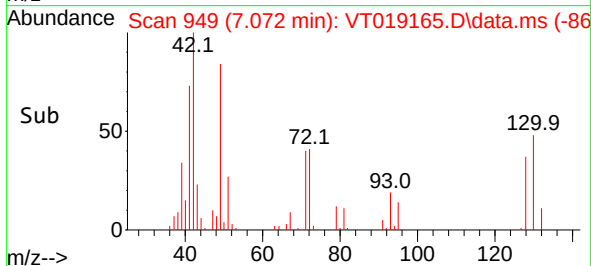
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



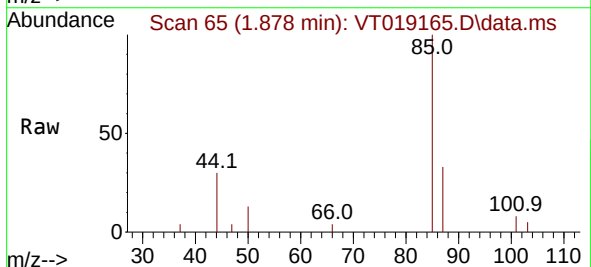
Tgt Ion:128 Resp: 24249
Ion Ratio Lower Upper
128 100
49 219.0 0.0 0.0
130 127.8 0.0 0.0

Manual Integrations
APPROVED

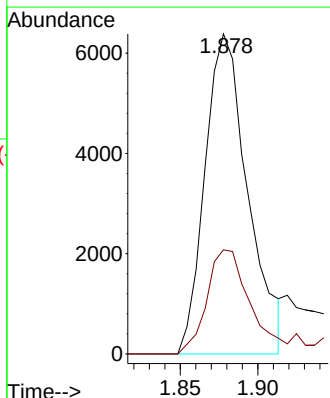
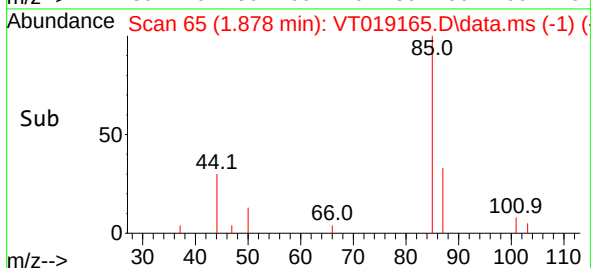
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

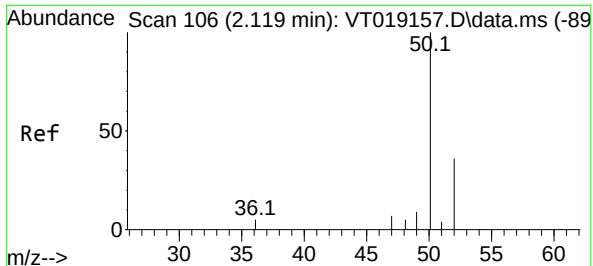


#2
Dichlorodifluoromethane
Concen: 18.440 ug/l
RT: 1.878 min Scan# 65
Delta R.T. -0.000 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



Tgt Ion: 85 Resp: 12272
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





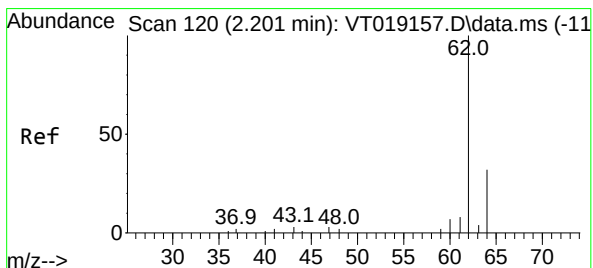
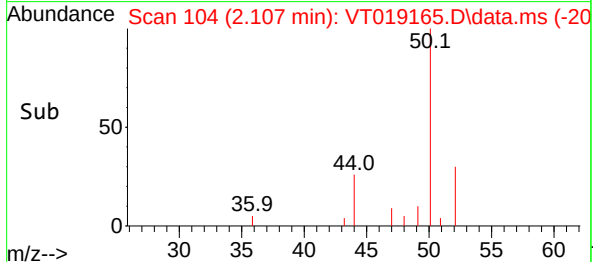
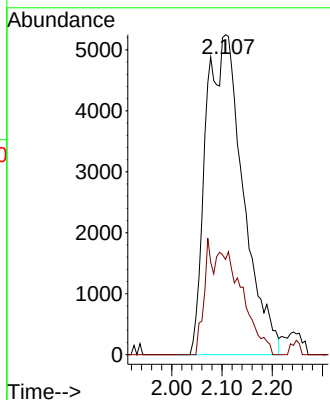
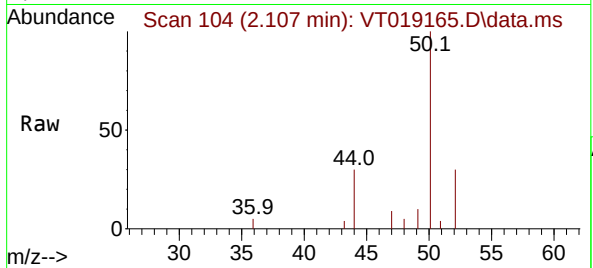
#3
Chloromethane
Concen: 17.643 ug/l m
RT: 2.107 min Scan# 10
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 50 Resp: 2695
Ion Ratio Lower Upper
50 100
52 29.7 24.4 36.6

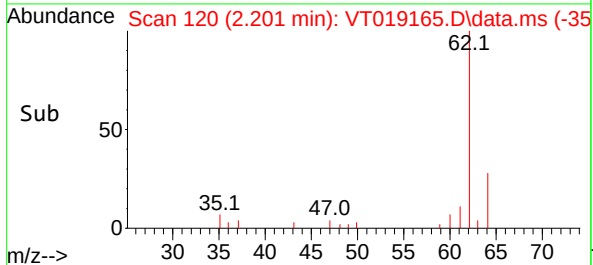
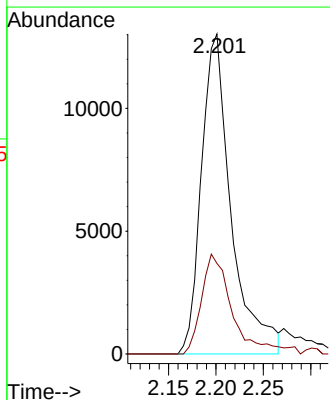
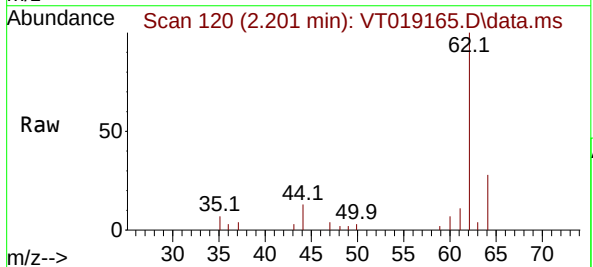
Manual Integrations
APPROVED

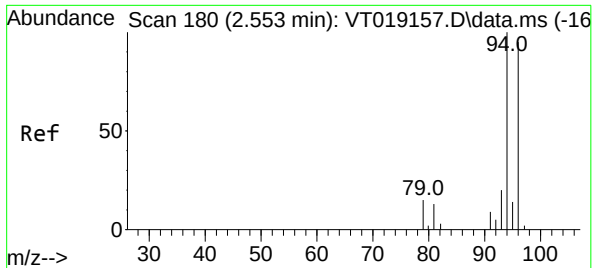
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 16.631 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

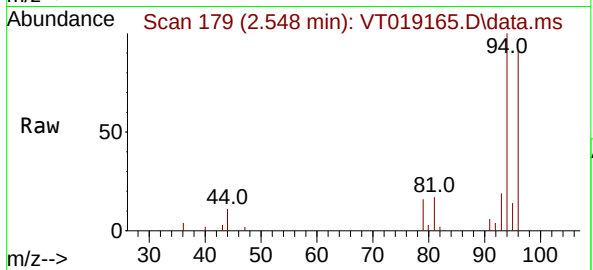
Tgt Ion: 62 Resp: 28393
Ion Ratio Lower Upper
62 100
64 28.3 25.7 38.5





#5
Bromomethane
Concen: 17.741 ug/l
RT: 2.548 min Scan# 11
Delta R.T. 0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

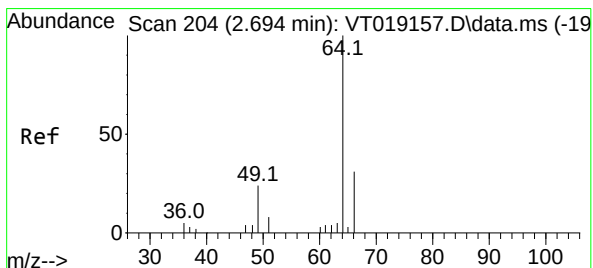
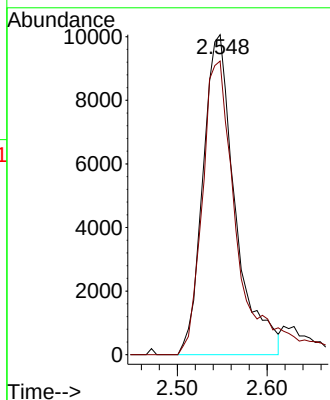
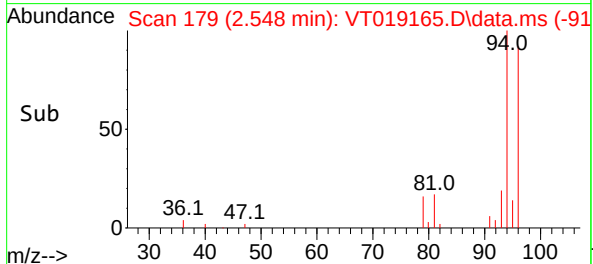
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



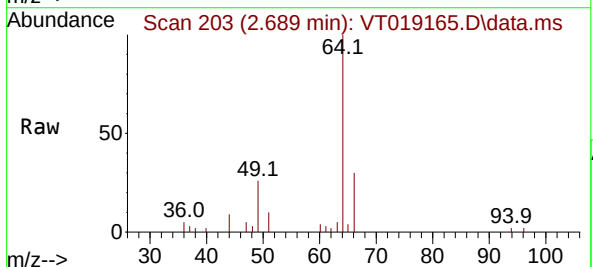
Tgt Ion: 94 Resp: 25154
Ion Ratio Lower Upper
94 100
96 91.7 66.0 99.0

Manual Integrations
APPROVED

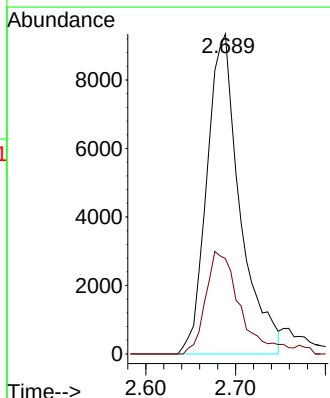
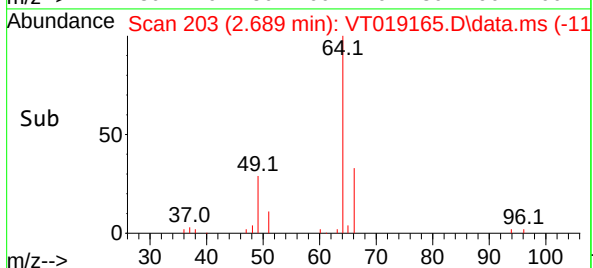
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

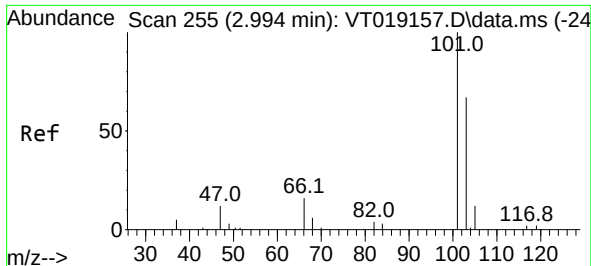


#6
Chloroethane
Concen: 15.844 ug/l
RT: 2.689 min Scan# 203
Delta R.T. 0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



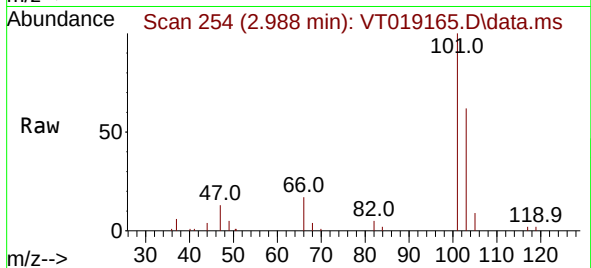
Tgt Ion: 64 Resp: 23855
Ion Ratio Lower Upper
64 100
66 29.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 16.346 ug/l
RT: 2.988 min Scan# 210
Delta R.T. 0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

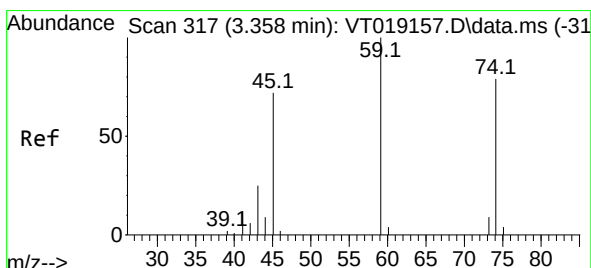
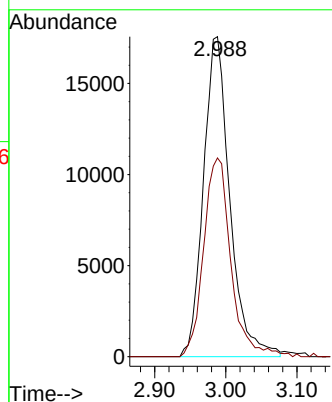
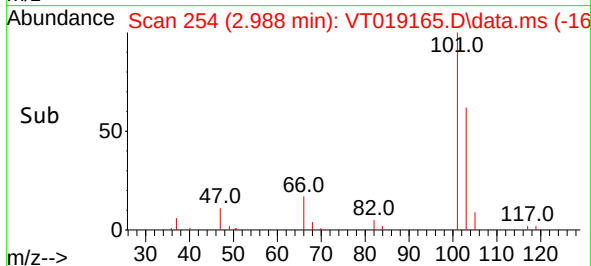
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion:101 Resp: 4525
Ion Ratio Lower Upper
101 100
103 62.1 52.4 78.6

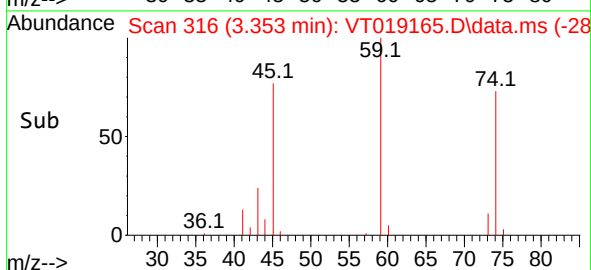
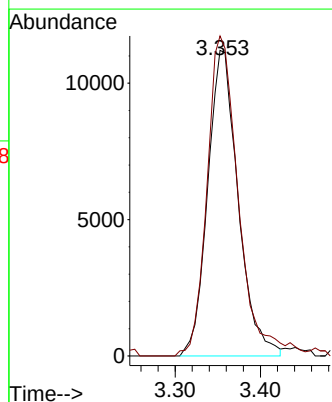
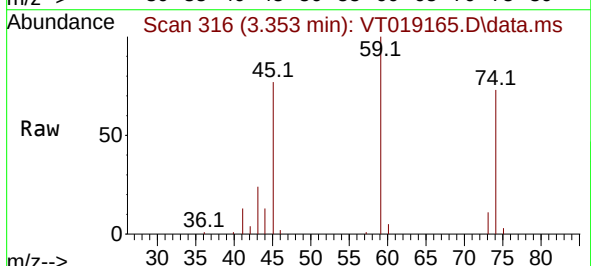
Manual Integrations
APPROVED

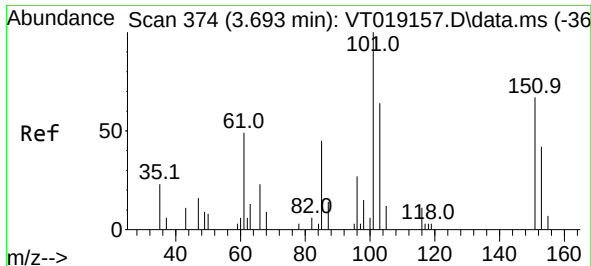
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 16.315 ug/l
RT: 3.353 min Scan# 316
Delta R.T. -0.005 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 74 Resp: 27812
Ion Ratio Lower Upper
74 100
45 106.5 22.0 197.6





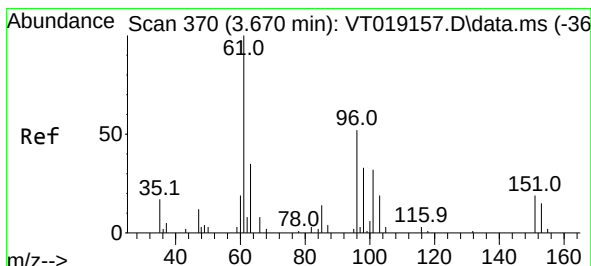
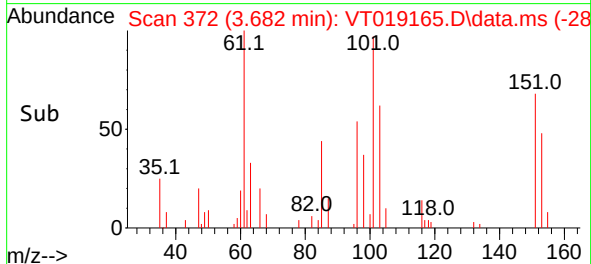
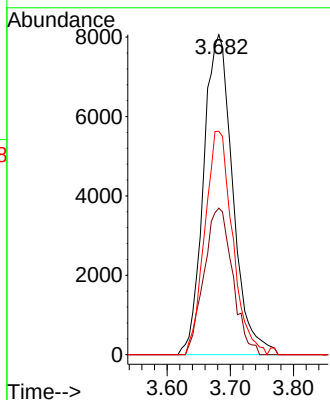
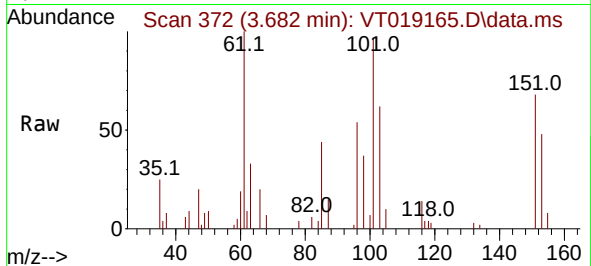
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.808 ug/l
RT: 3.682 min Scan# 31
Delta R.T. -0.000 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:101 Resp: 25880
Ion Ratio Lower Upper
101 100
85 44.4 0.0 91.8
151 66.2 0.0 137.2

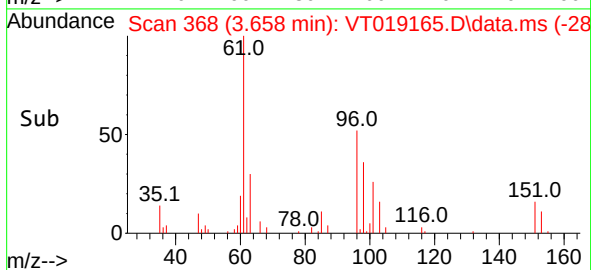
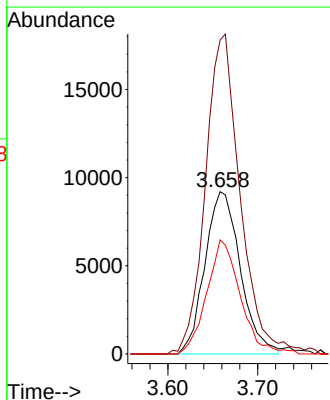
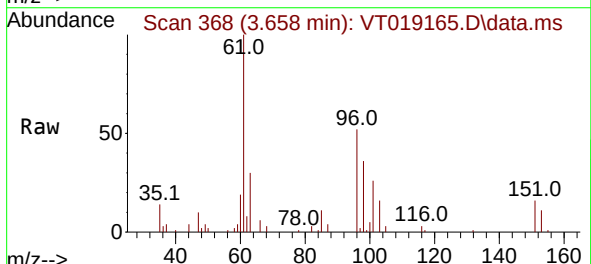
Manual Integrations
APPROVED

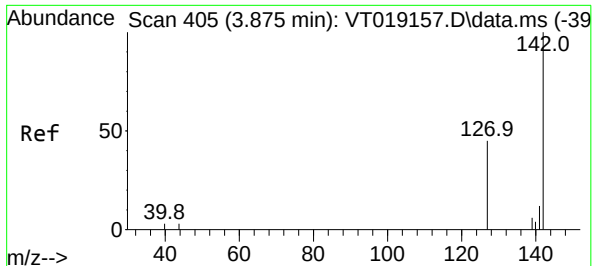
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
1,1-Dichloroethene
Concen: 23.134 ug/l
RT: 3.658 min Scan# 368
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

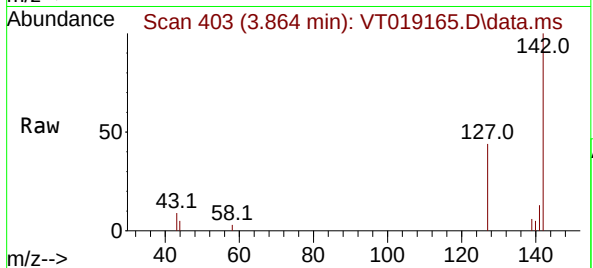
Tgt Ion: 96 Resp: 25191
Ion Ratio Lower Upper
96 100
61 191.9 145.5 218.3
98 70.4 49.5 74.3





#11
Methyl Iodide
Concen: 18.534 ug/l
RT: 3.864 min Scan# 405
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

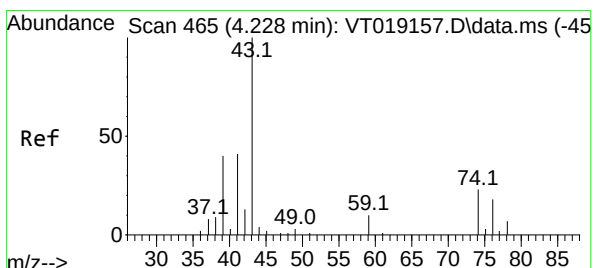
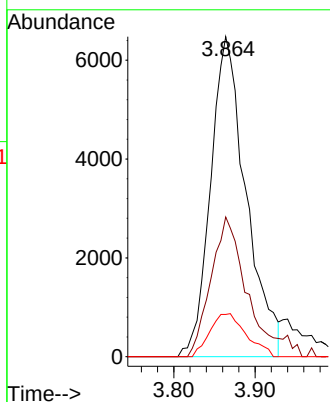
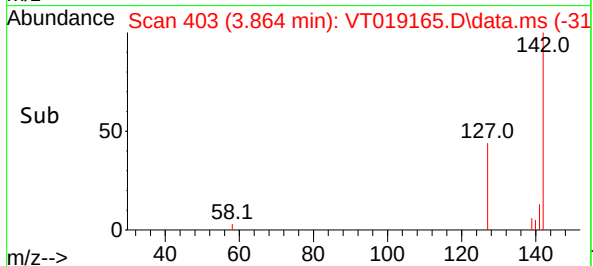
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion:142 Resp: 19668
Ion Ratio Lower Upper
142 100
127 43.1 0.9 2.8
141 14.0 55.5 166.5

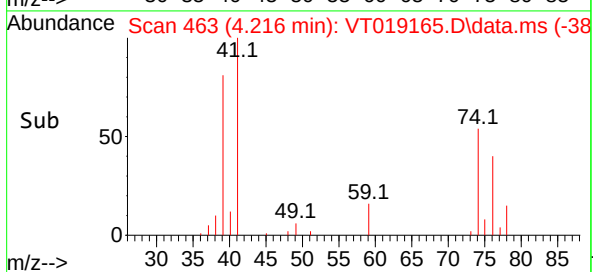
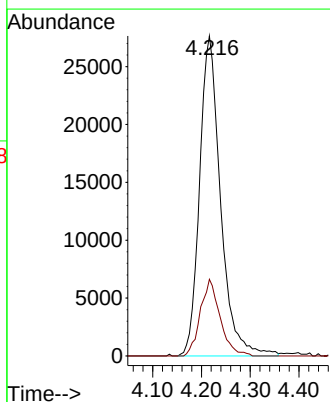
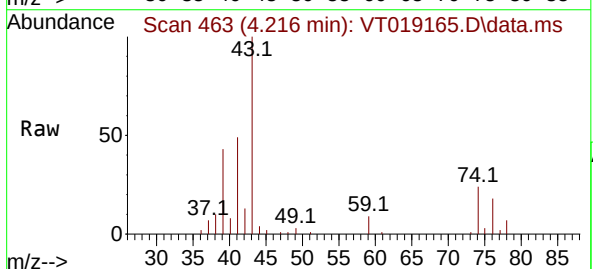
Manual Integrations
APPROVED

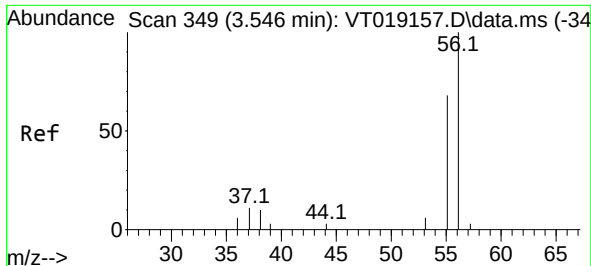
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 19.192 ug/l
RT: 4.216 min Scan# 463
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

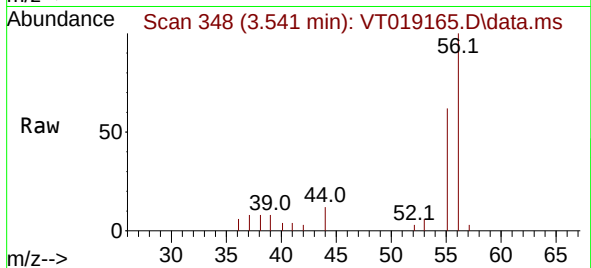
Tgt Ion: 43 Resp: 82642
Ion Ratio Lower Upper
43 100
74 24.0 18.4 27.6





#13
Acrolein
Concen: 114.792 ug/l
RT: 3.541 min Scan# 34
Delta R.T. -0.005 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

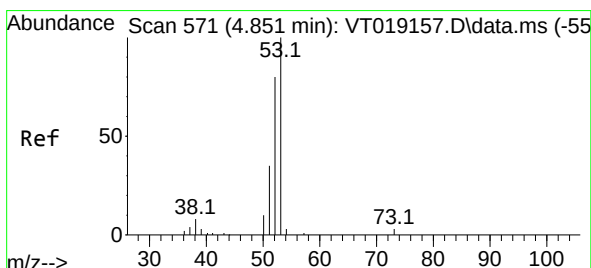
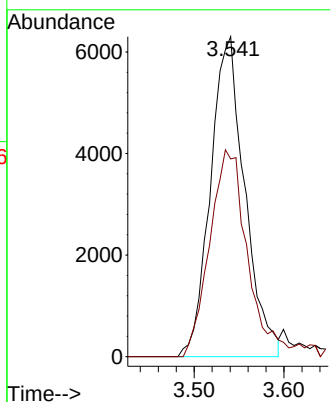
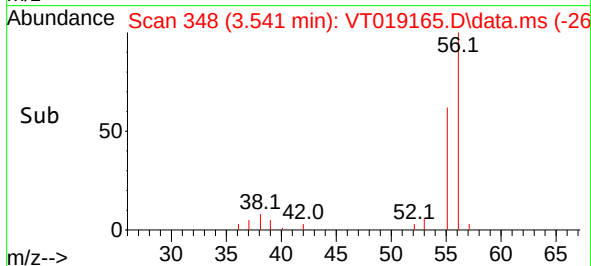
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 56 Resp: 1667
Ion Ratio Lower Upper
56 100
55 68.1 56.8 85.2

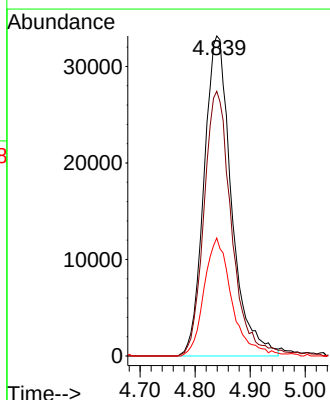
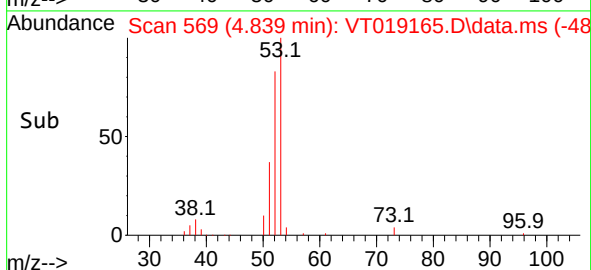
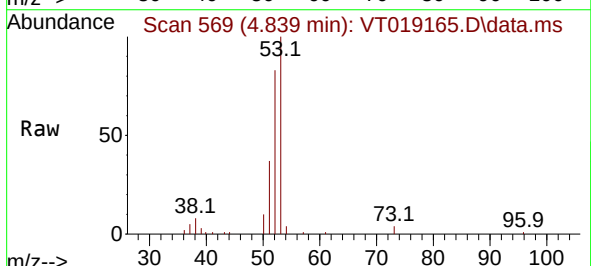
Manual Integrations
APPROVED

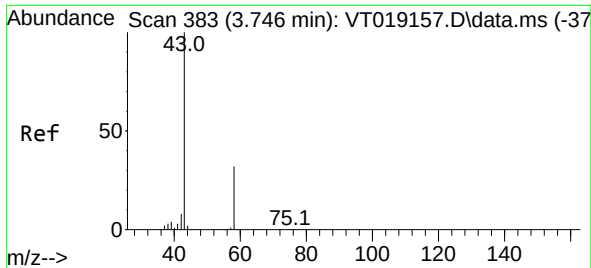
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Acrylonitrile
Concen: 86.587 ug/l
RT: 4.839 min Scan# 569
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 53 Resp: 114922
Ion Ratio Lower Upper
53 100
52 83.3 41.3 123.7
51 36.8 17.2 51.5





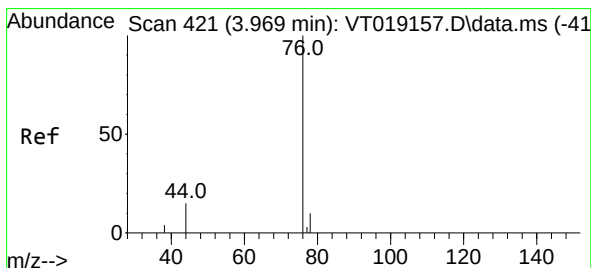
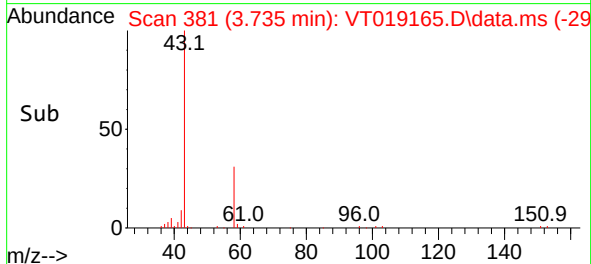
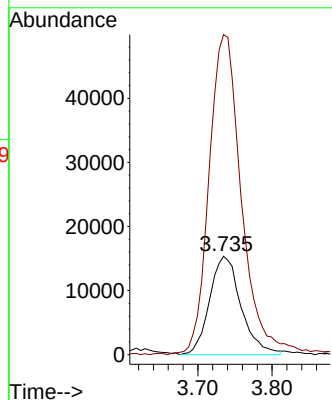
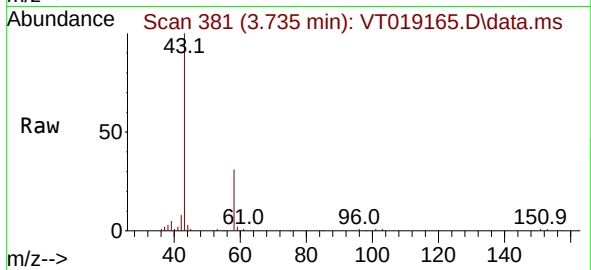
#15
Acetone
Concen: 95.549 ug/l
RT: 3.735 min Scan# 381
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 58 Resp: 4518
Ion Ratio Lower Upper
58 100
43 322.5 266.9 400.3

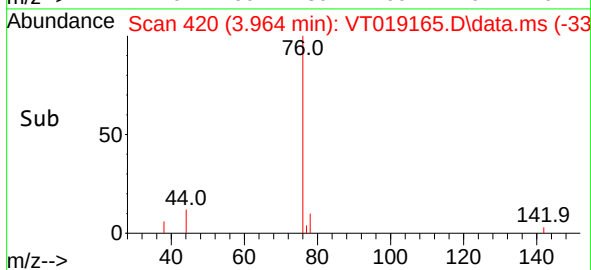
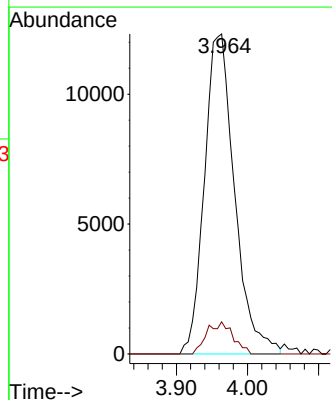
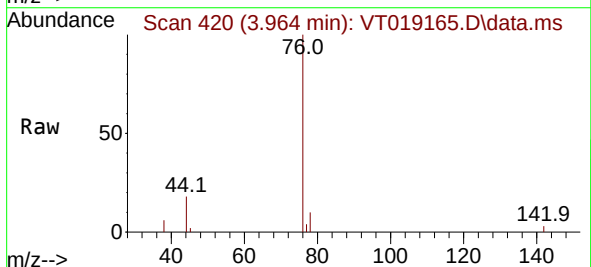
Manual Integrations
APPROVED

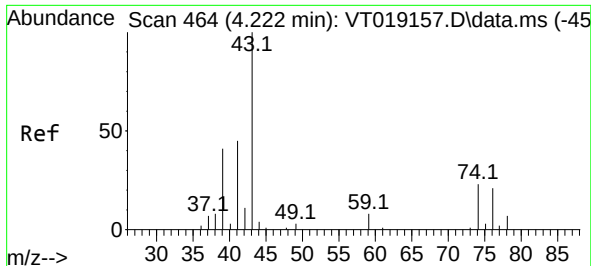
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 17.848 ug/l
RT: 3.964 min Scan# 420
Delta R.T. -0.000 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 76 Resp: 36300
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7





#17

Allyl chloride

Concen: 19.264 ug/l

RT: 4.210 min Scan# 41

Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 41 Resp: 4986

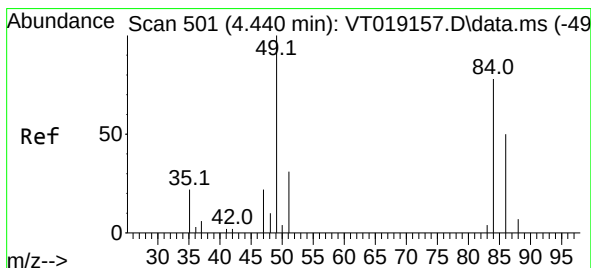
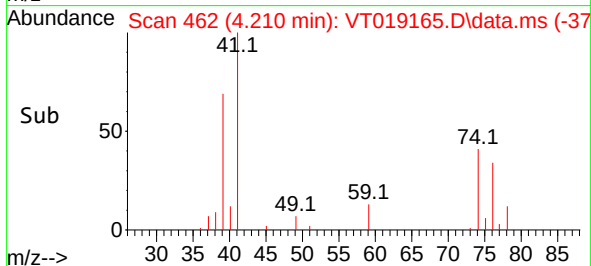
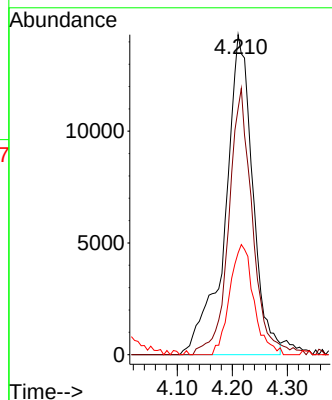
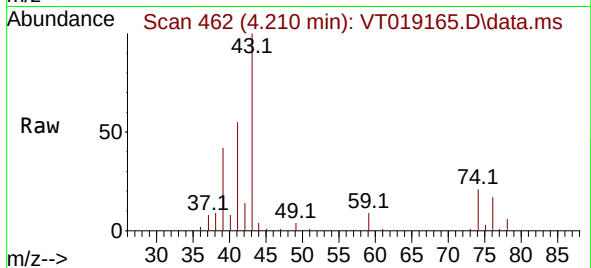
Ion	Ratio	Lower	Upper
41	100		
39	76.9	34.3	102.8
76	31.8	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#18

Methylene Chloride

Concen: 18.649 ug/l

RT: 4.428 min Scan# 499

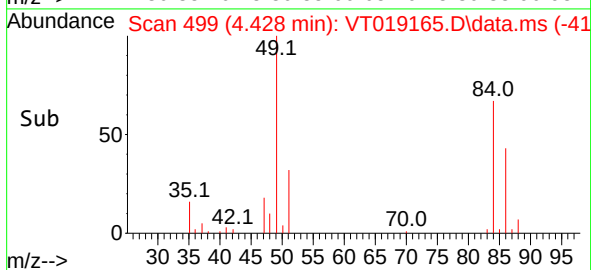
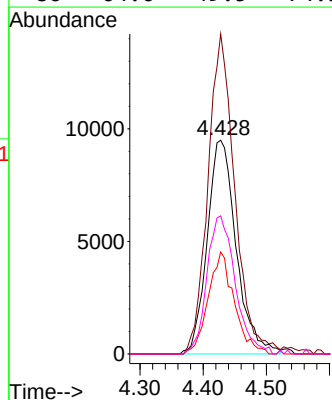
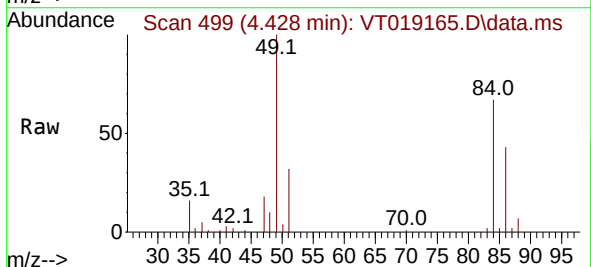
Delta R.T. -0.000 min

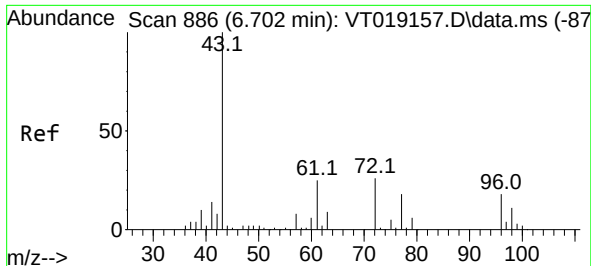
Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Tgt Ion: 84 Resp: 30287

Ion	Ratio	Lower	Upper
84	100		
49	149.7	107.9	161.9
51	47.7	33.4	50.2
86	64.6	49.5	74.3





#19

trans-1,2-Dichloroethene

Concen: 17.848 ug/l

RT: 6.678 min Scan# 886

Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 96 Resp: 2990

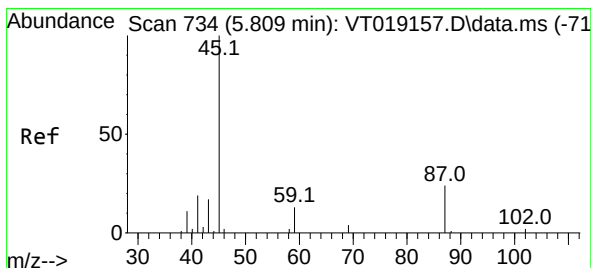
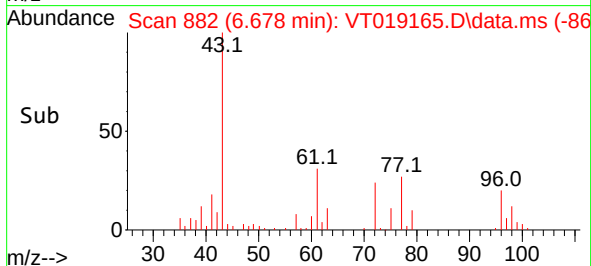
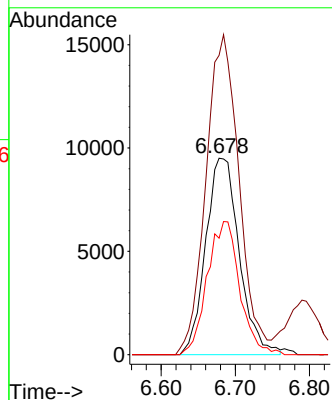
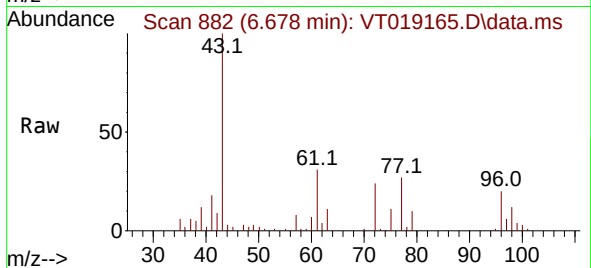
Ion	Ratio	Lower	Upper
96	100		
61	149.3	122.3	183.5
98	59.3	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#20

Diisopropyl ether

Concen: 17.717 ug/l

RT: 5.797 min Scan# 732

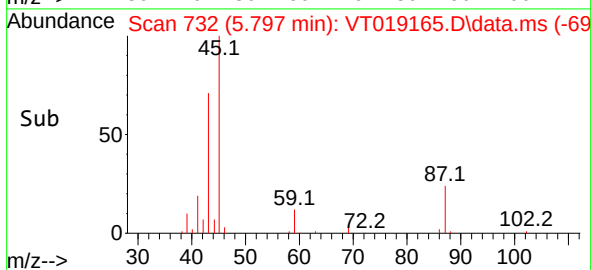
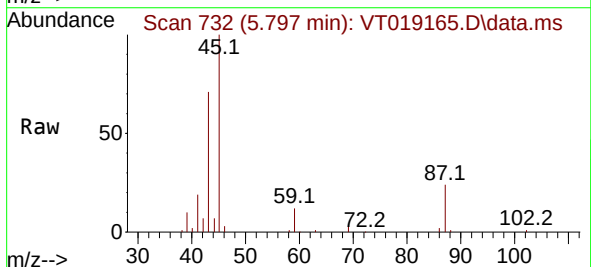
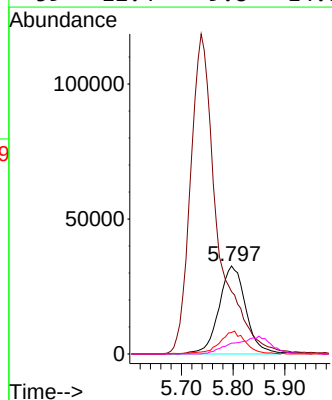
Delta R.T. -0.006 min

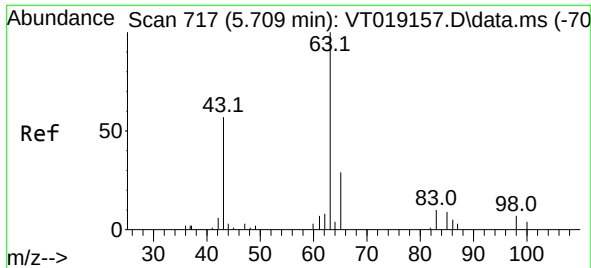
Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Tgt Ion: 45 Resp: 116745

Ion	Ratio	Lower	Upper
45	100		
43	66.8	89.1	133.7#
87	24.4	21.3	31.9
59	12.4	9.8	14.8





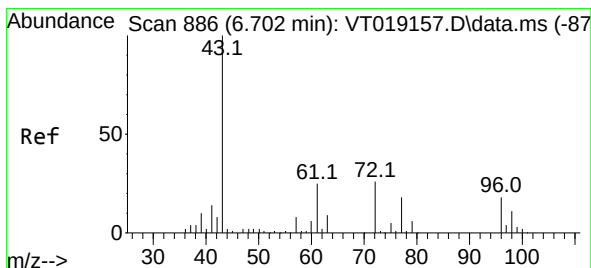
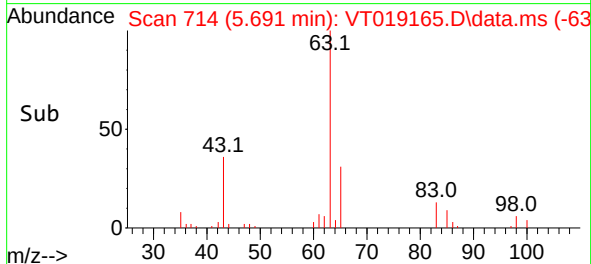
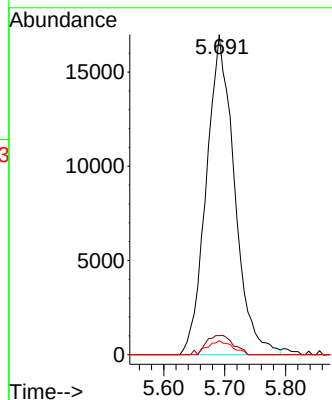
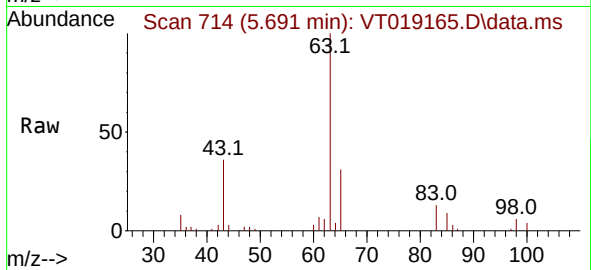
#21
1,1-Dichloroethane
Concen: 17.702 ug/l
RT: 5.691 min Scan# 714
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 63 Resp: 5450
Ion Ratio Lower Upper
63 100
98 6.0 3.5 10.5
100 4.4 2.2 6.6

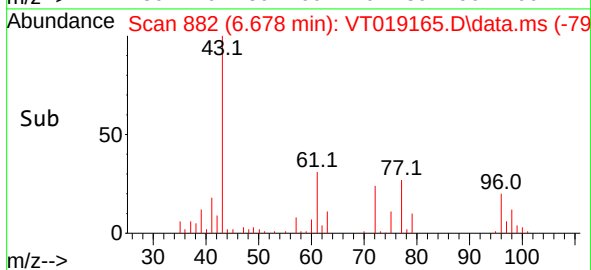
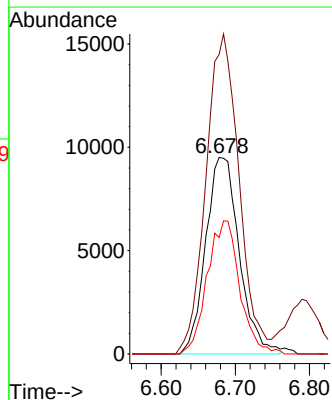
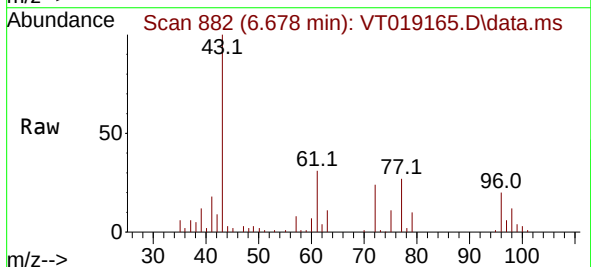
Manual Integrations
APPROVED

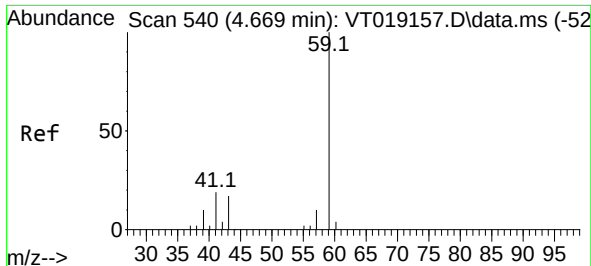
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 17.848 ug/l
RT: 6.678 min Scan# 882
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 96 Resp: 29901
Ion Ratio Lower Upper
96 100
61 160.7 120.0 180.0
98 65.1 52.8 79.2





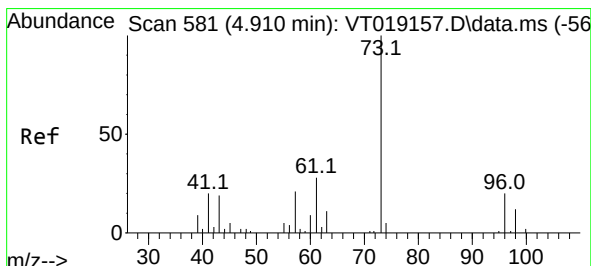
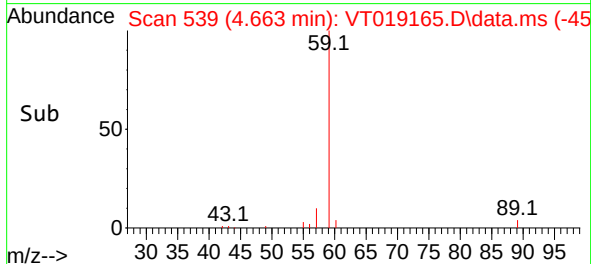
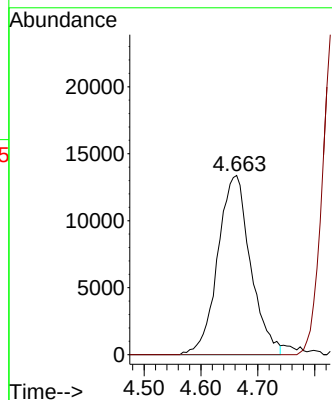
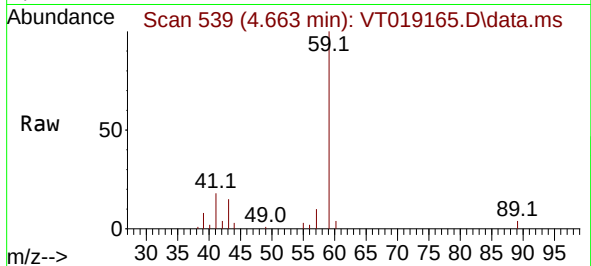
#23
tert-Butyl Alcohol
Concen: 91.894 ug/l
RT: 4.663 min Scan# 51
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 59 Resp: 5343
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

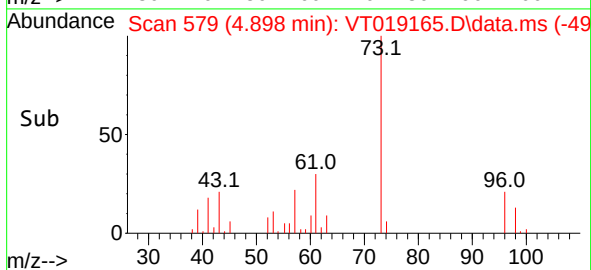
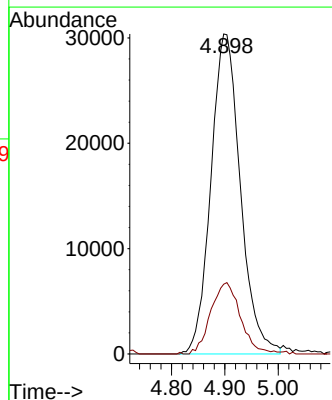
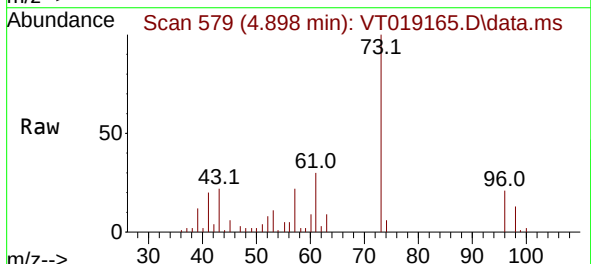
Manual Integrations
APPROVED

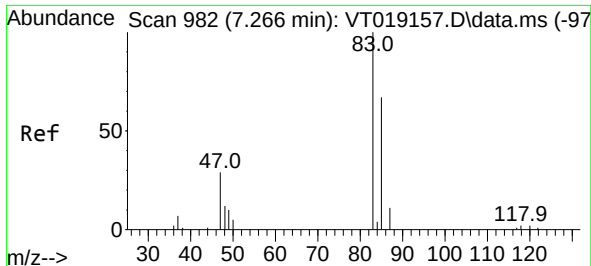
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
Methyl tert-Butyl Ether
Concen: 17.827 ug/l
RT: 4.898 min Scan# 579
Delta R.T. -0.023 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 73 Resp: 116649
Ion Ratio Lower Upper
73 100
43 22.3 16.9 25.3





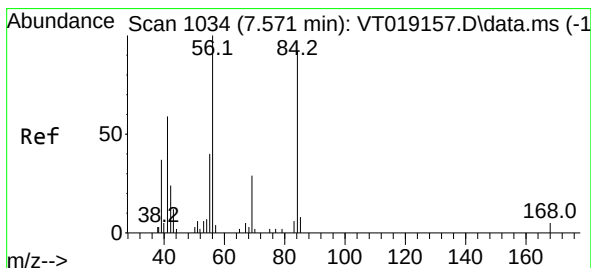
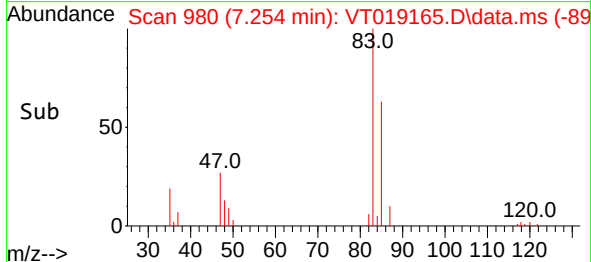
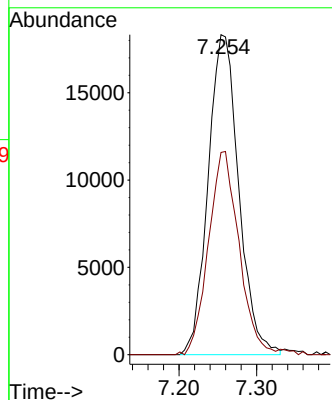
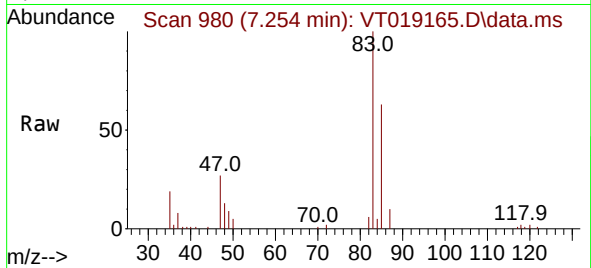
#25
Chloroform
Concen: 17.890 ug/l
RT: 7.254 min Scan# 91
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 83 Resp: 5038
Ion Ratio Lower Upper
83 100
85 62.3 48.0 72.0

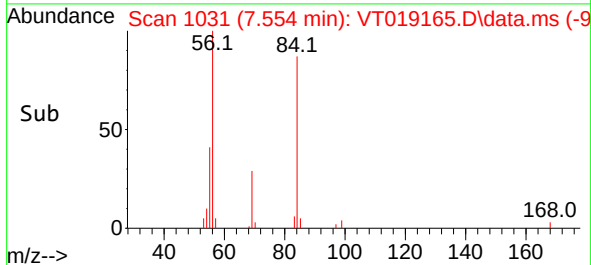
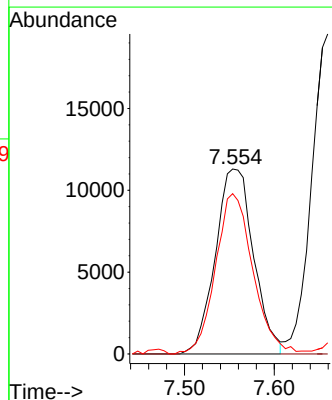
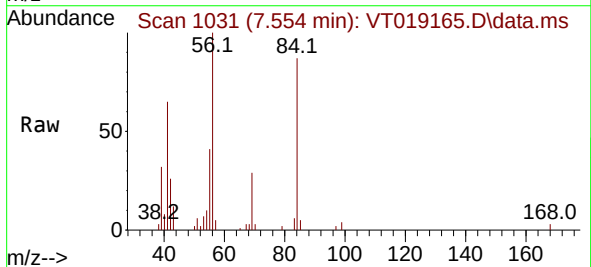
Manual Integrations
APPROVED

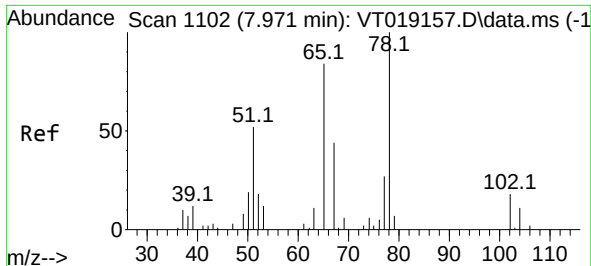
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 18.461 ug/l
RT: 7.554 min Scan# 1031
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 56 Resp: 33356
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 31.144 ug/l

RT: 7.953 min Scan# 1102

Delta R.T. -0.018 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 65 Resp: 66164

Ion Ratio Lower Upper

65 100

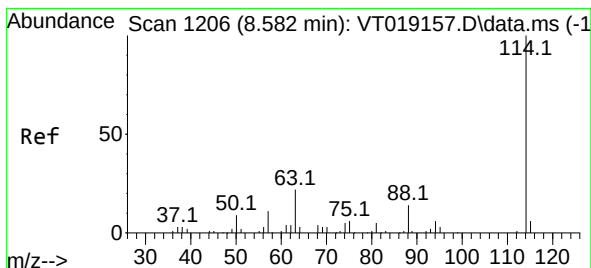
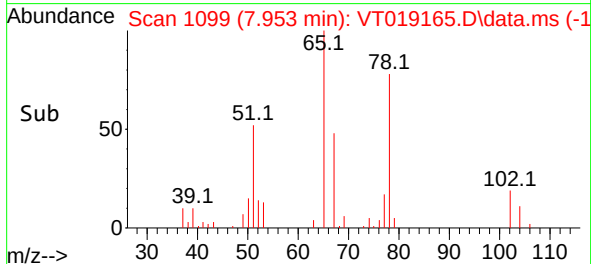
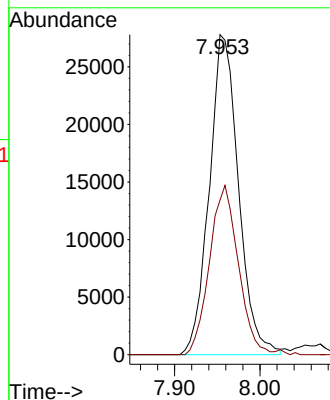
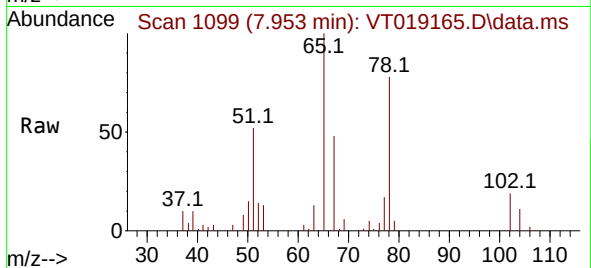
67 52.0 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.564 min Scan# 1203

Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

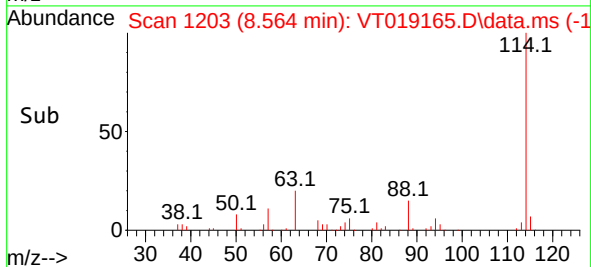
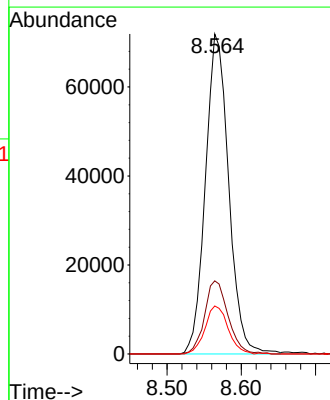
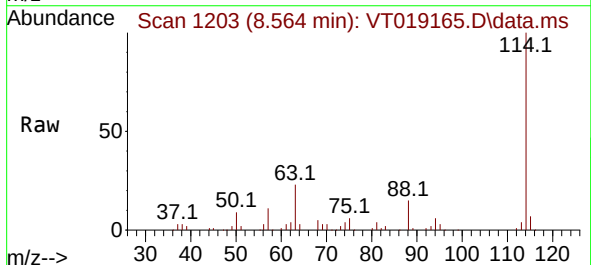
Tgt Ion:114 Resp: 157069

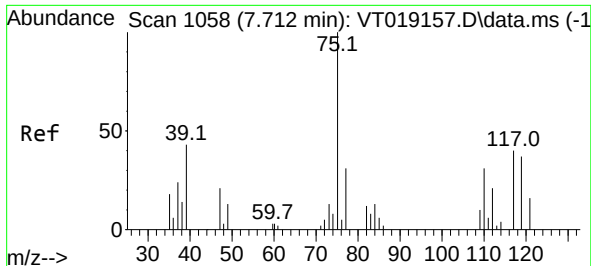
Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

88 14.9 13.0 19.6





#29

1,1-Dichloropropene

Concen: 17.776 ug/l

RT: 7.701 min Scan# 1056

Delta R.T. -0.011 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

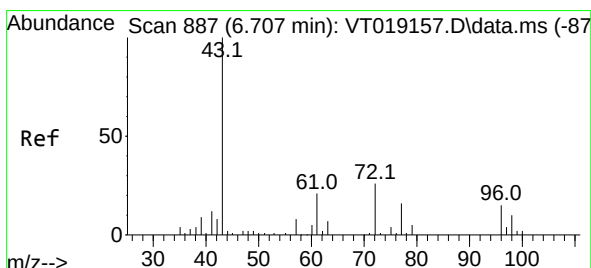
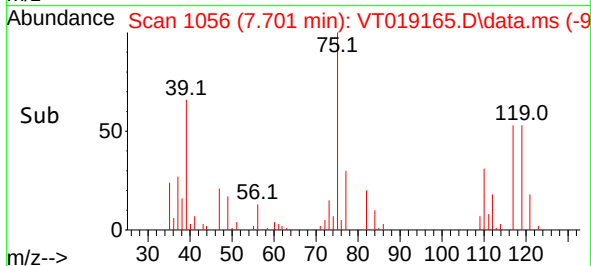
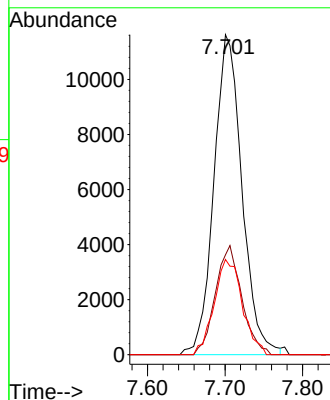
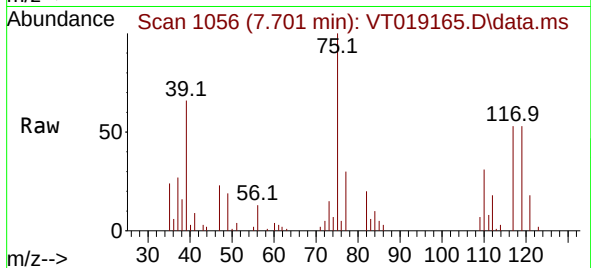
Tgt Ion: 75	Resp: 29210
Ion Ratio	Lower Upper
75 100	
110 32.1	0.0 70.8
77 29.8	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

2-Butanone

Concen: 83.542 ug/l

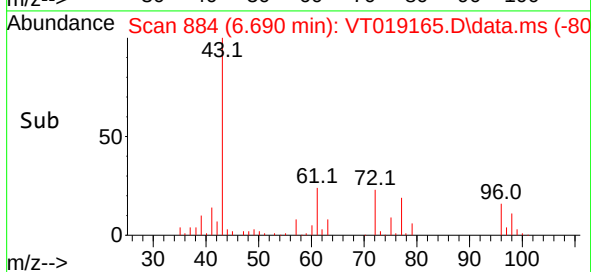
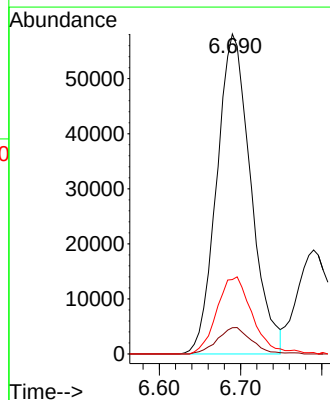
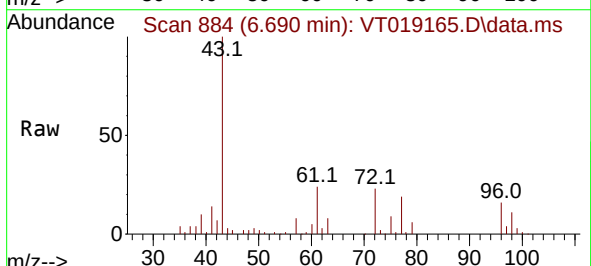
RT: 6.690 min Scan# 884

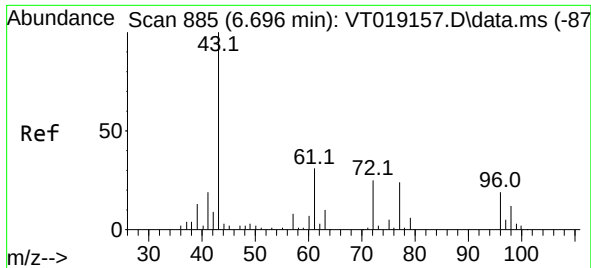
Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

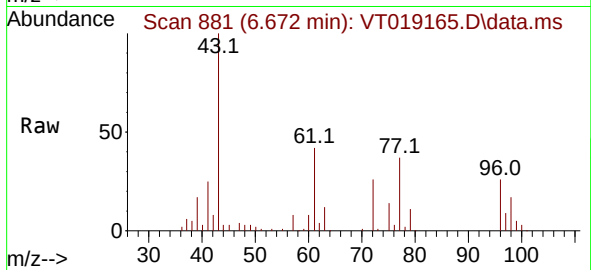
Tgt Ion: 43	Resp: 169243
Ion Ratio	Lower Upper
43 100	
57 8.2	5.9 8.9
72 24.6	20.2 30.2





#31
2,2-Dichloropropane
Concen: 17.825 ug/l
RT: 6.672 min Scan# 881
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

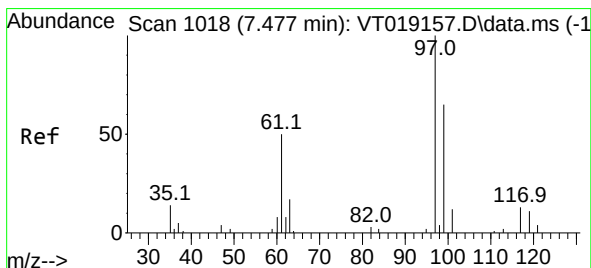
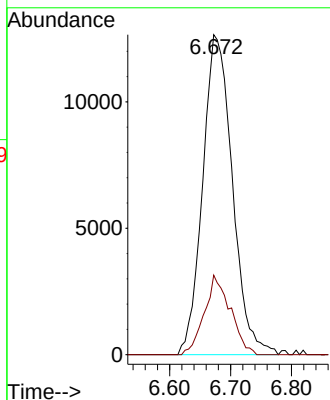
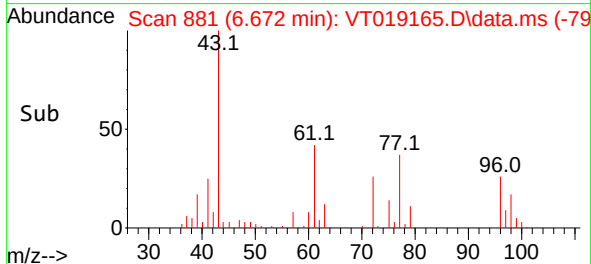
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 77 Resp: 4289
Ion Ratio Lower Upper
77 100
97 21.7 14.5 21.7

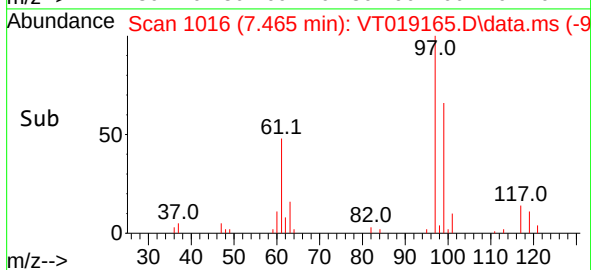
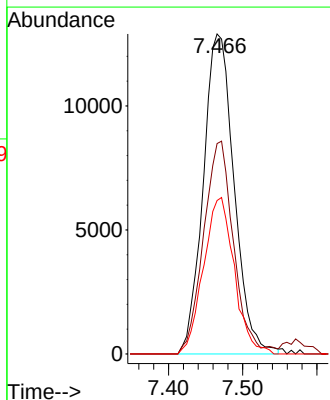
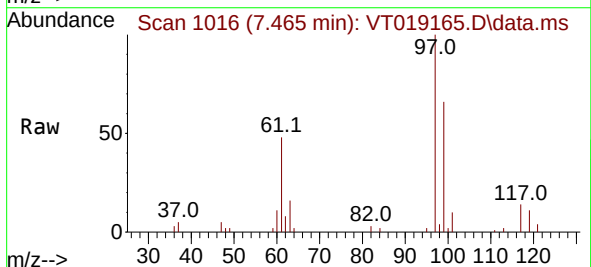
Manual Integrations
APPROVED

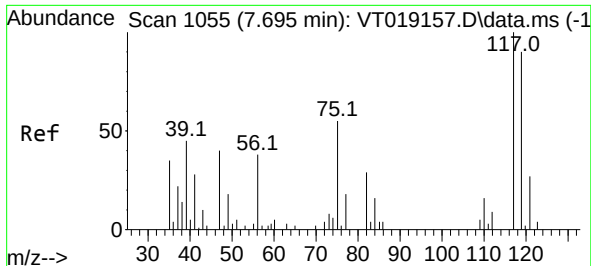
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 18.007 ug/l
RT: 7.465 min Scan# 1016
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

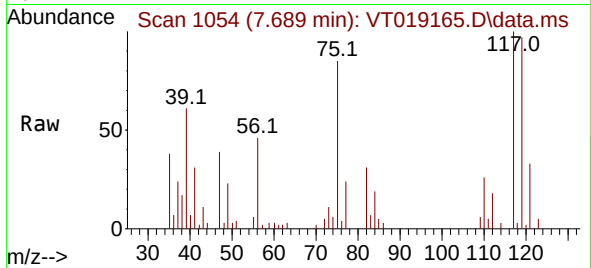
Tgt Ion: 97 Resp: 37286
Ion Ratio Lower Upper
97 100
99 63.9 30.0 45.0#
61 48.8 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.429 ug/l
RT: 7.689 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

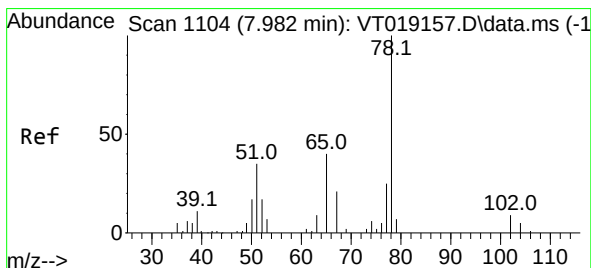
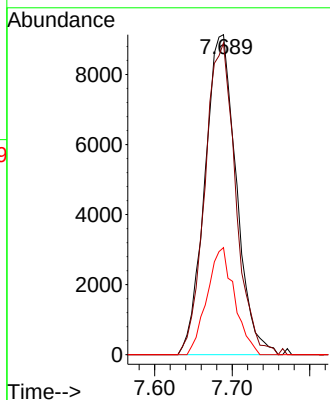
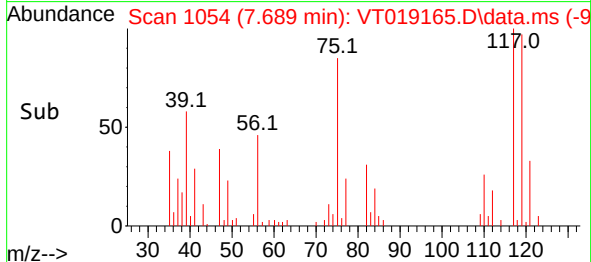
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



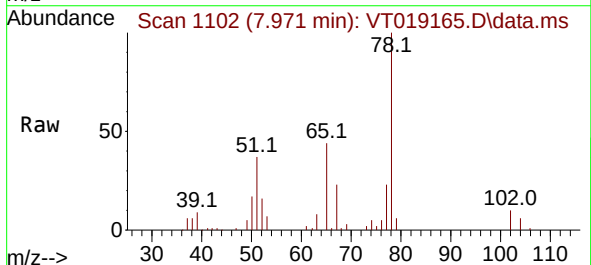
Tgt Ion:117 Resp: 2577
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7
121 33.5 0.5 0.7

Manual Integrations
APPROVED

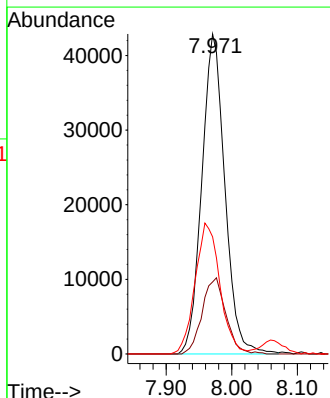
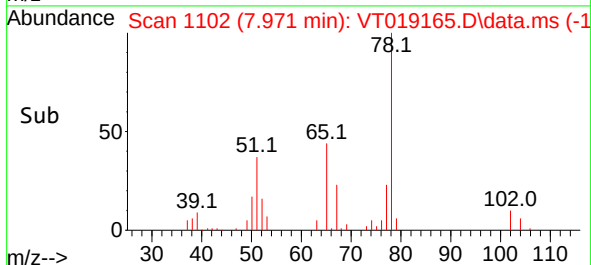
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

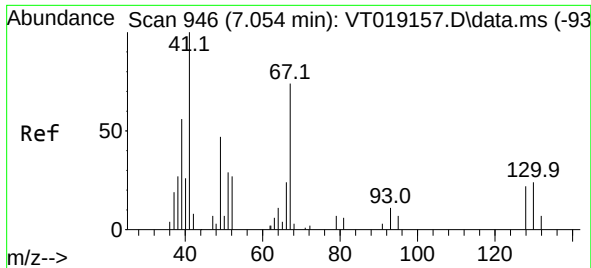


#34
Benzene
Concen: 17.222 ug/l
RT: 7.971 min Scan# 1102
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



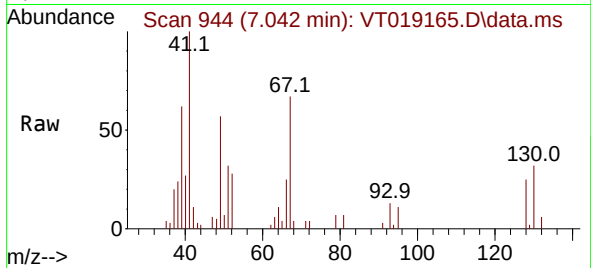
Tgt Ion: 78 Resp: 104870
Ion Ratio Lower Upper
78 100
77 22.5 17.6 26.4
51 35.6 13.8 20.6





#35
Methacrylonitrile
Concen: 16.610 ug/l
RT: 7.042 min Scan# 946
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

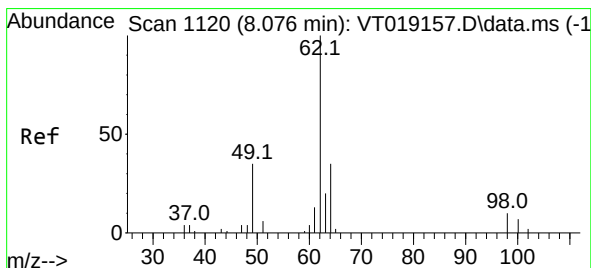
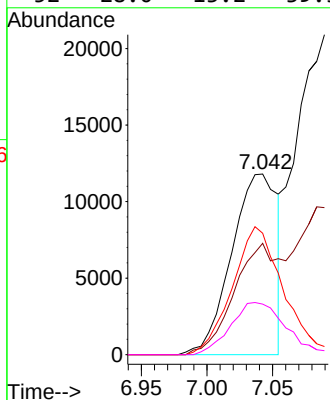
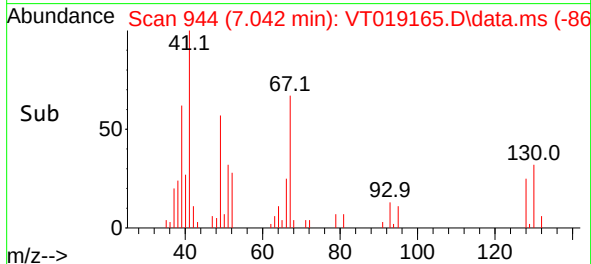
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion:	41	Resp:	2864
Ion Ratio	100	Lower	Upper
39	61.7	26.2	78.5
67	67.3	31.4	94.3
52	28.0	13.2	39.5

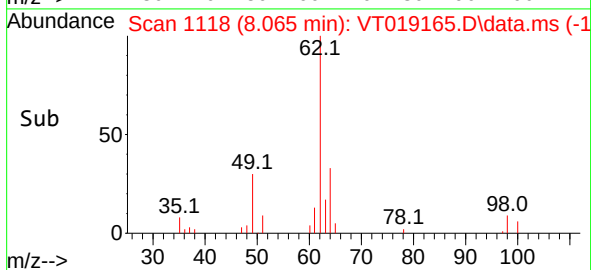
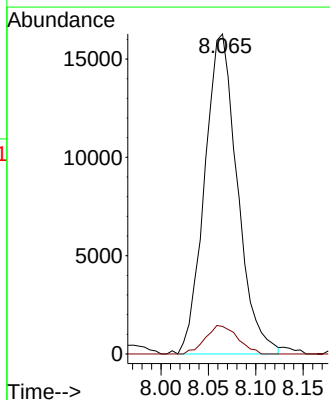
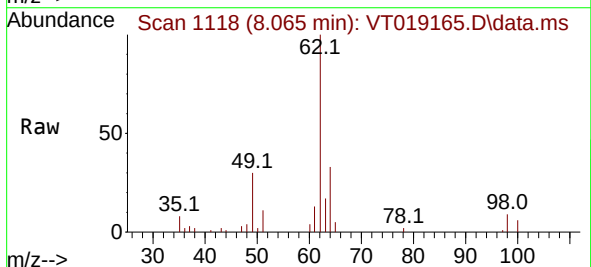
Manual Integrations
APPROVED

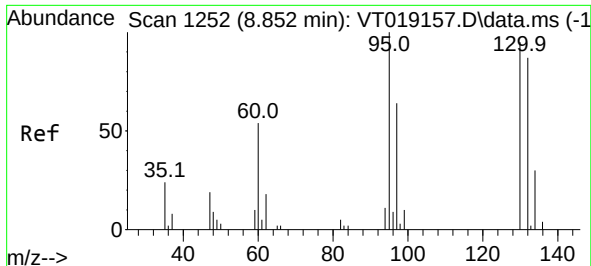
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,2-Dichloroethane
Concen: 17.319 ug/l
RT: 8.065 min Scan# 1118
Delta R.T. -0.006 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

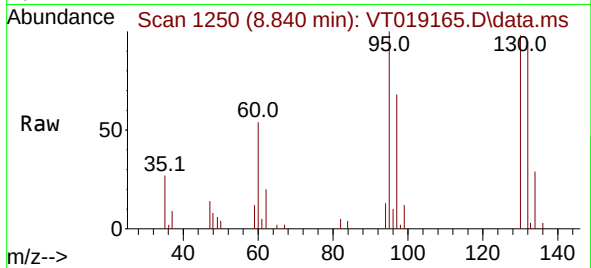
Tgt Ion:	62	Resp:	39096
Ion Ratio	100	Lower	Upper
98	8.7	6.7	10.1





#37
Trichloroethene
Concen: 17.393 ug/l
RT: 8.840 min Scan# 1194
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

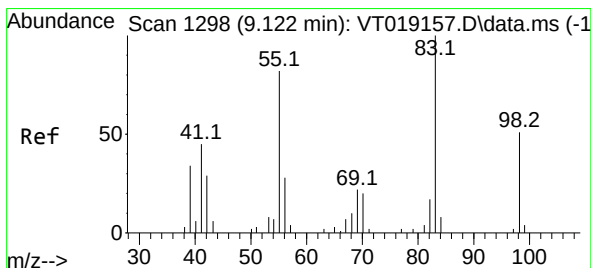
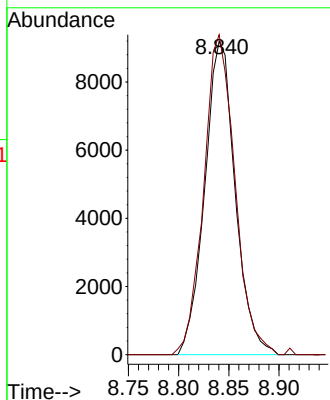
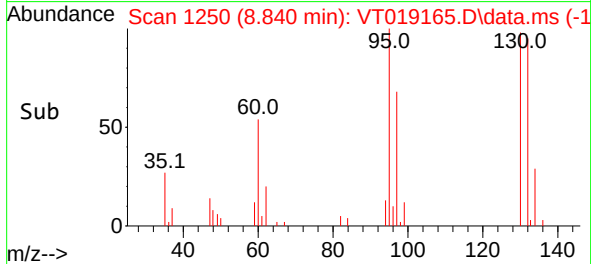
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion:130 Resp: 19484
Ion Ratio Lower Upper
130 100
95 102.2 79.4 119.2

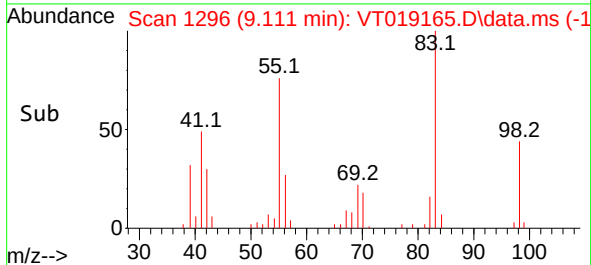
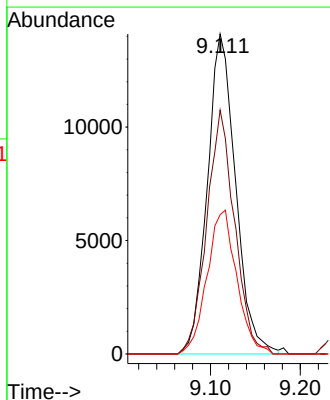
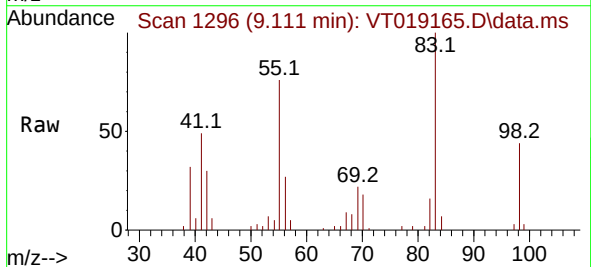
Manual Integrations
APPROVED

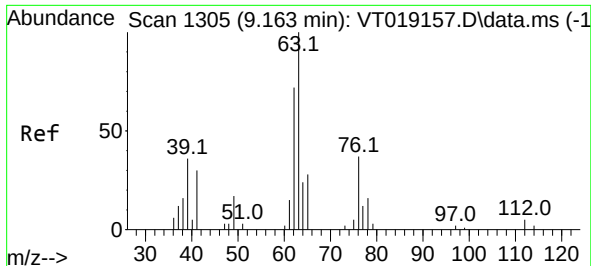
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 18.640 ug/l
RT: 9.111 min Scan# 1296
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 83 Resp: 30852
Ion Ratio Lower Upper
83 100
55 75.1 40.3 120.8
98 47.3 24.3 72.9





#39

1,2-Dichloropropane

Concen: 16.908 ug/l

RT: 9.152 min Scan# 11

Delta R.T. -0.011 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 63 Resp: 2696

Ion Ratio Lower Upper

63 100

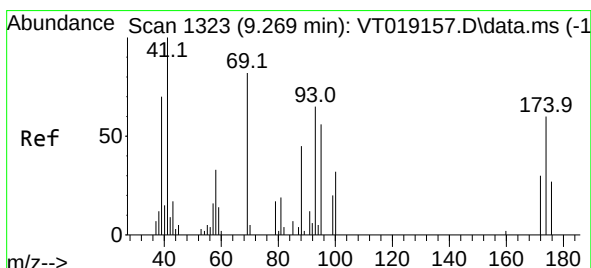
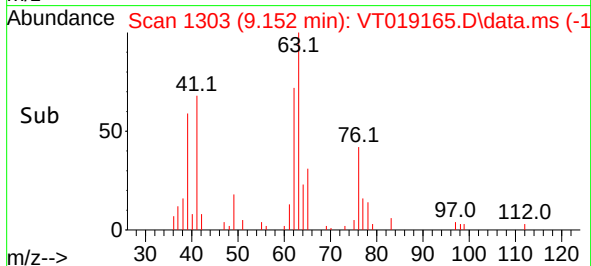
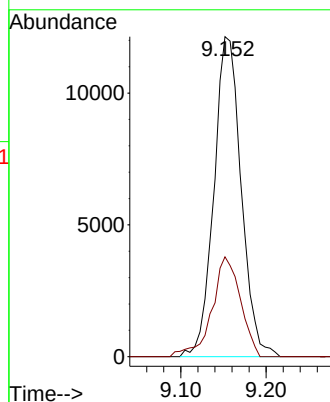
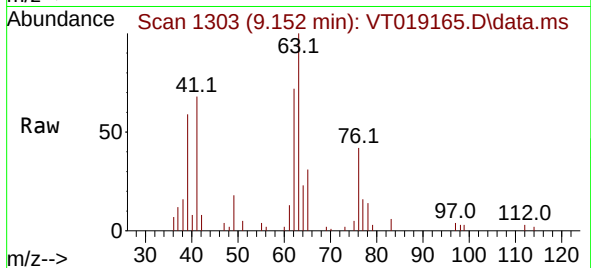
65 31.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 16.670 ug/l

RT: 9.252 min Scan# 1320

Delta R.T. -0.017 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

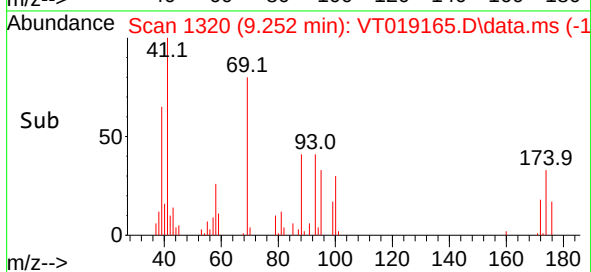
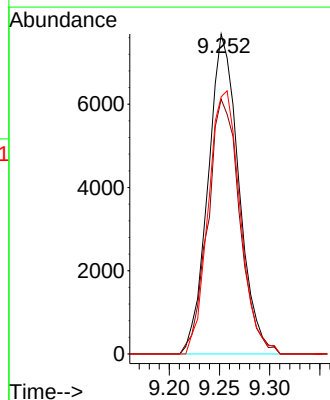
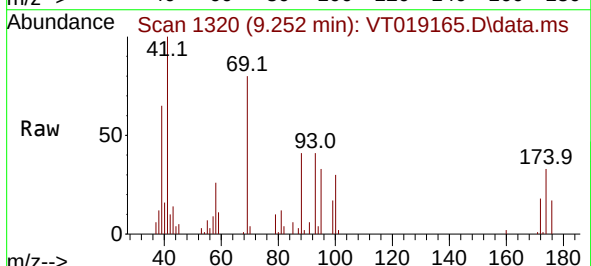
Tgt Ion: 93 Resp: 16392

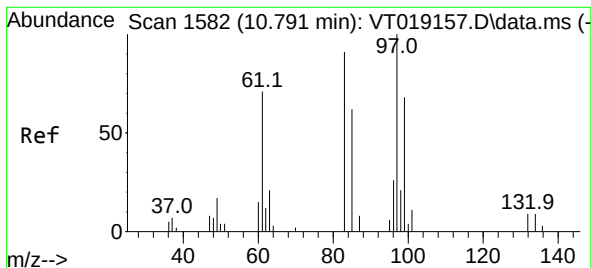
Ion Ratio Lower Upper

93 100

95 82.5 0.0 166.2

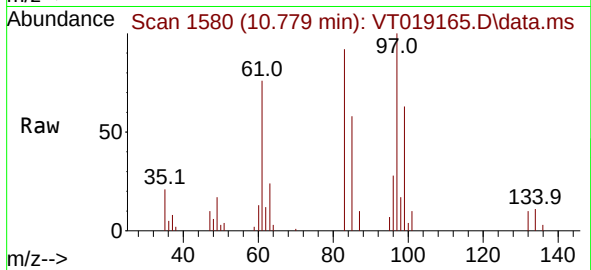
174 85.0 0.0 26.4





#41
Bromodichloromethane
Concen: 17.241 ug/l
RT: 10.779 min Scan# 1582
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

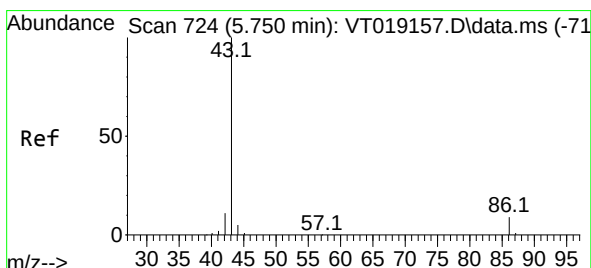
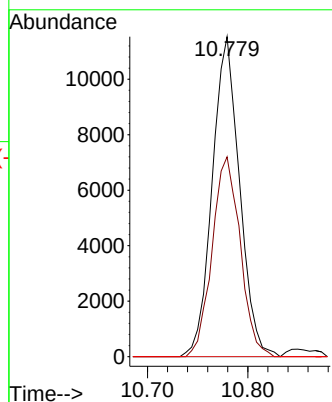
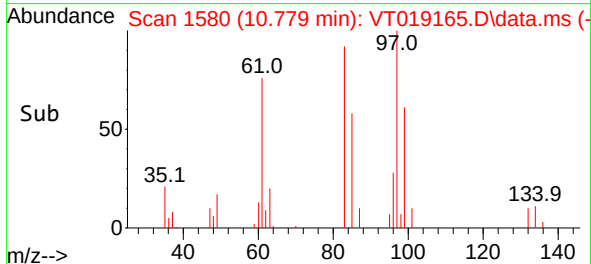
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



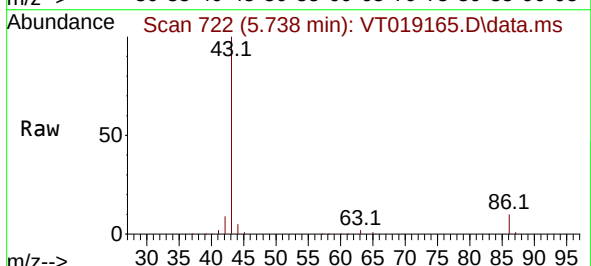
Tgt Ion: 83 Resp: 2177
Ion Ratio Lower Upper
83 100
85 62.5 47.2 70.8
127 0.0 7.1 10.7

Manual Integrations
APPROVED

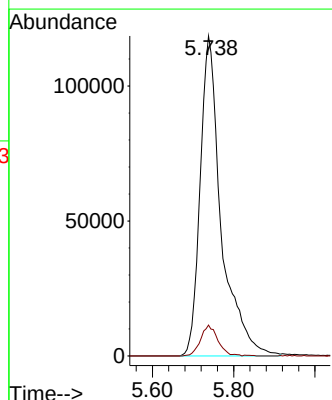
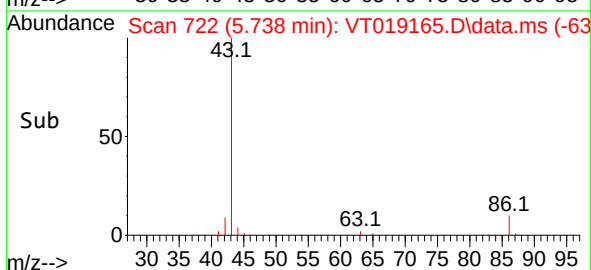
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

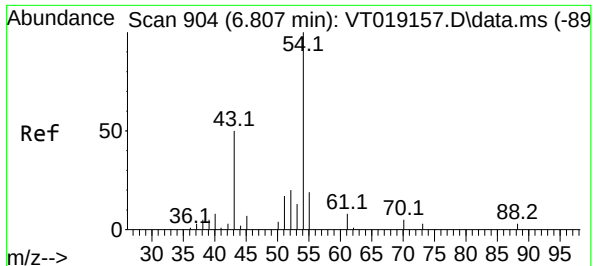


#42
Vinyl Acetate
Concen: 85.966 ug/l
RT: 5.738 min Scan# 722
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



Tgt Ion: 43 Resp: 427285
Ion Ratio Lower Upper
43 100
86 7.8 6.9 10.3





#43

Ethyl Acetate

Concen: 17.911 ug/l

RT: 6.790 min Scan# 904

Delta R.T. -0.011 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 43 Resp: 59640

Ion Ratio Lower Upper

43 100

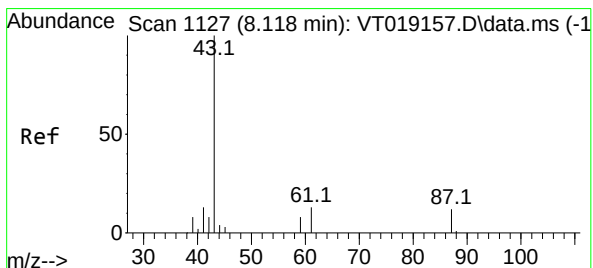
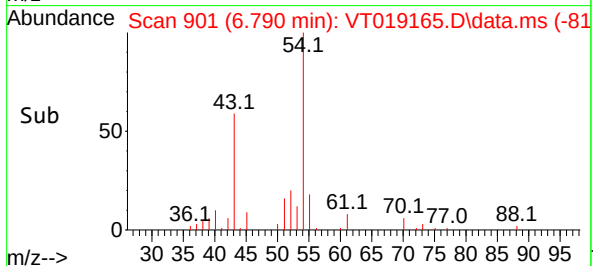
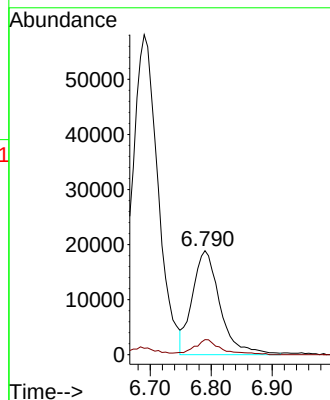
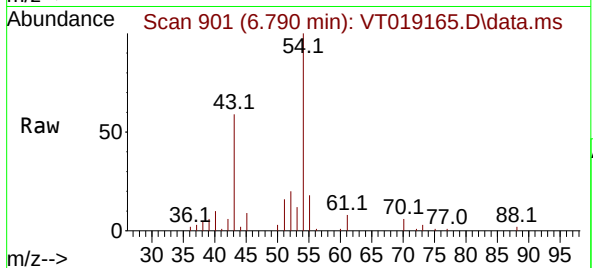
45 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Isopropyl Acetate

Concen: 17.390 ug/l

RT: 8.106 min Scan# 1125

Delta R.T. -0.017 min

Lab File: VT019165.D

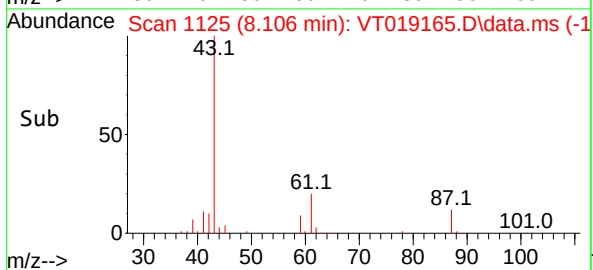
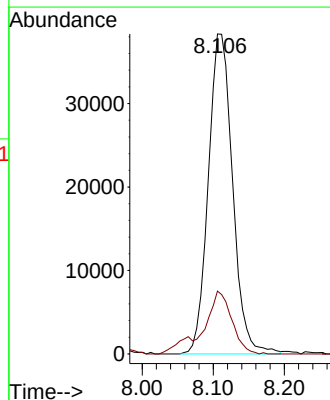
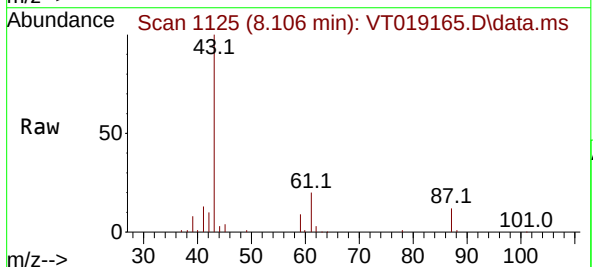
Acq: 23 Oct 2025 10:57

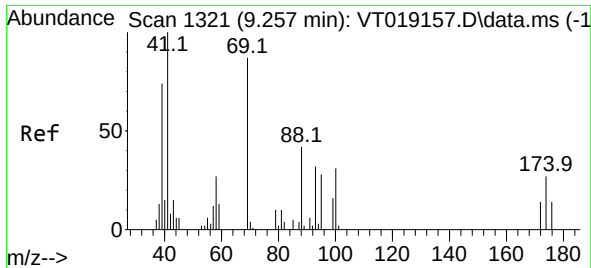
Tgt Ion: 43 Resp: 91144

Ion Ratio Lower Upper

43 100

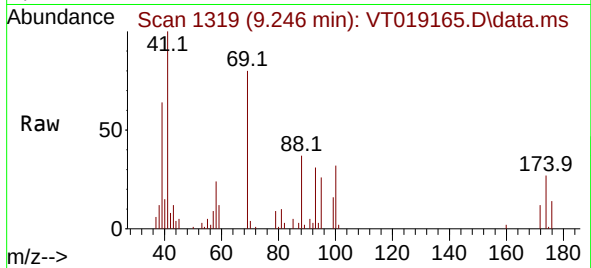
61 19.5 14.7 22.1





#45
1,4-Dioxane
Concen: 362.814 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.023 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

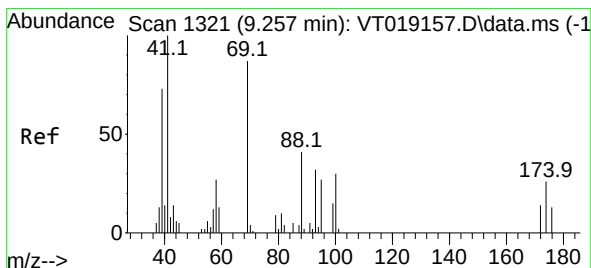
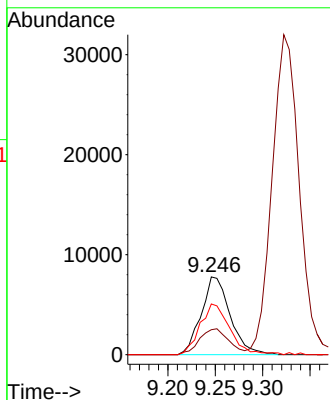
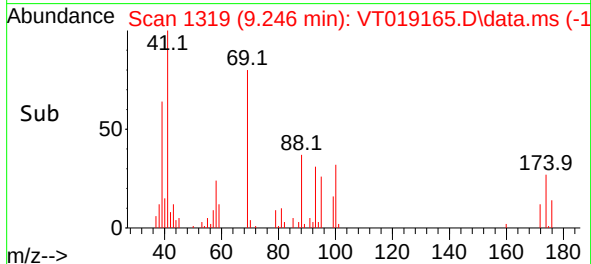
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 88 Resp: 1649
Ion Ratio Lower Upper
88 100
43 33.9 30.2 45.2
58 66.3 33.3 49.9

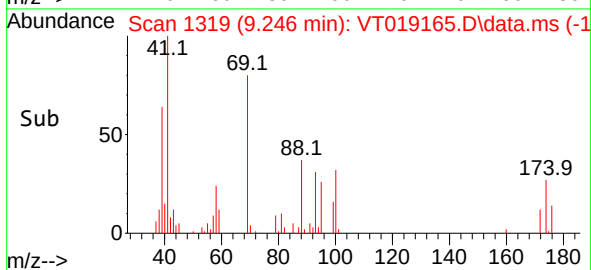
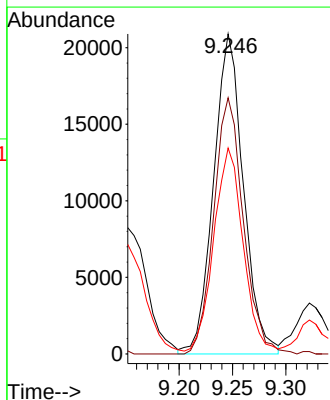
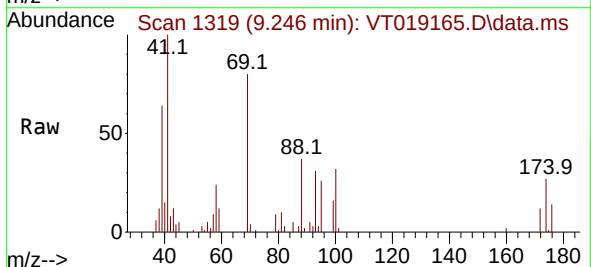
Manual Integrations
APPROVED

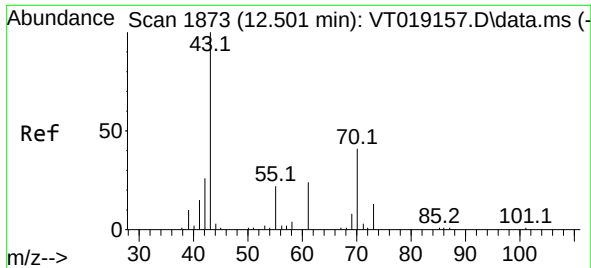
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Methyl methacrylate
Concen: 17.326 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 41 Resp: 40603
Ion Ratio Lower Upper
41 100
69 81.1 35.8 107.3
39 63.9 24.4 73.4





#47

n-amyl acetate

Concen: 17.395 ug/l

RT: 12.489 min Scan# 11

Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion: 43 Resp: 61352

Ion Ratio Lower Upper

43 100

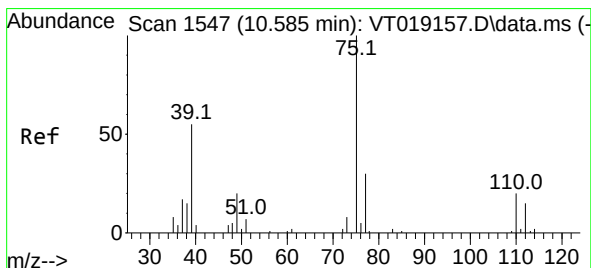
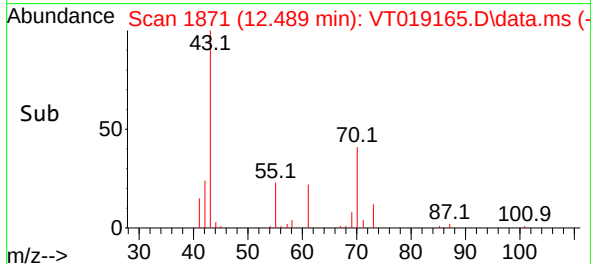
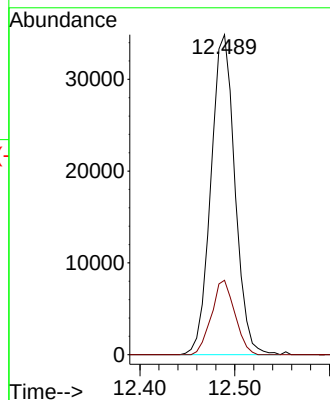
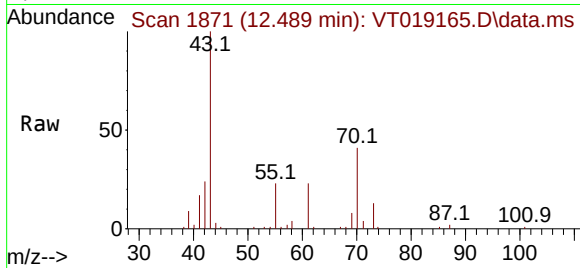
55 22.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

t-1,3-Dichloropropene

Concen: 17.490 ug/l

RT: 10.574 min Scan# 1545

Delta R.T. -0.011 min

Lab File: VT019165.D

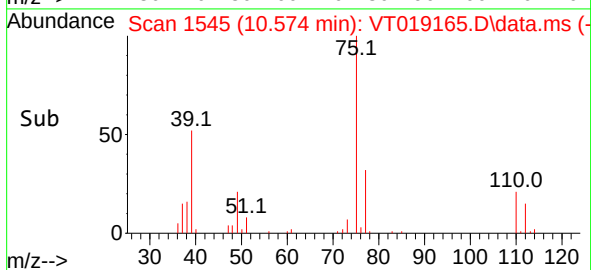
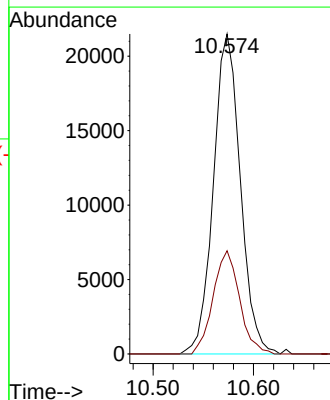
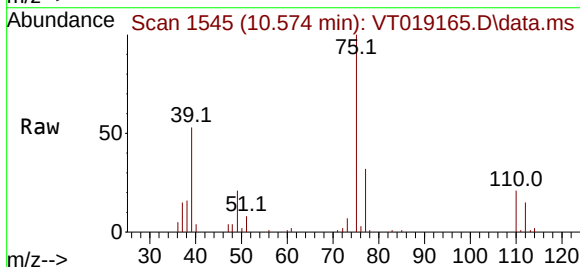
Acq: 23 Oct 2025 10:57

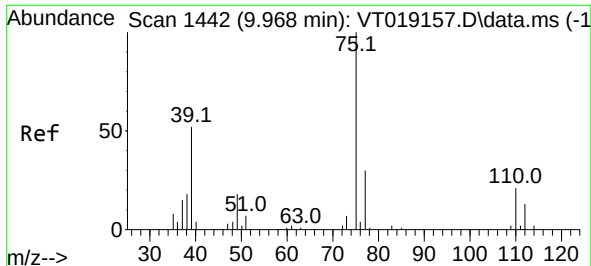
Tgt Ion: 75 Resp: 40083

Ion Ratio Lower Upper

75 100

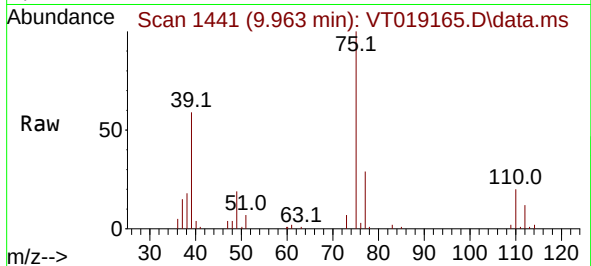
77 32.3 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 17.543 ug/l
 RT: 9.963 min Scan# 1442
 Delta R.T. -0.011 min
 Lab File: VT019165.D
 Acq: 23 Oct 2025 10:57

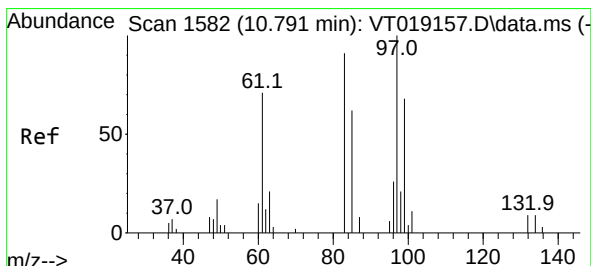
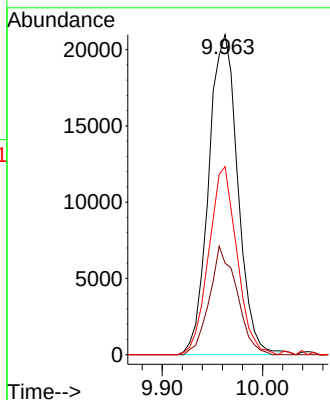
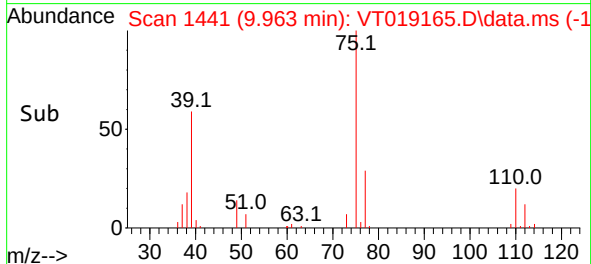
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBSD01



Tgt Ion: 75 Resp: 42236
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.1 37.7
 39 58.8 42.7 64.1

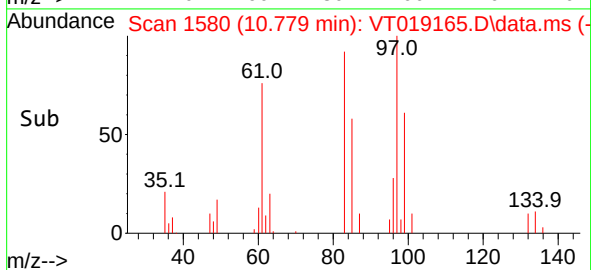
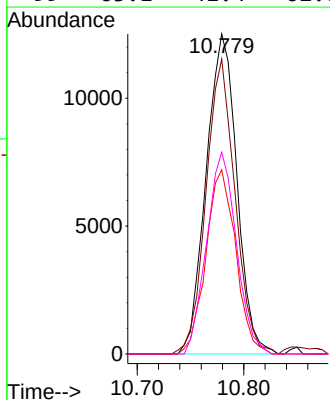
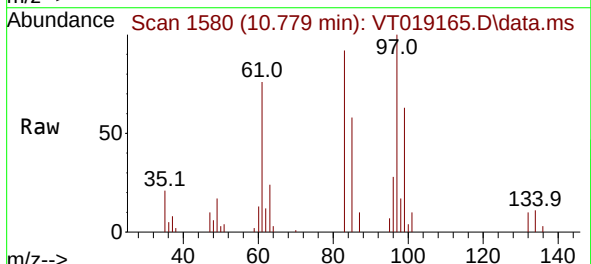
Manual Integrations
 APPROVED

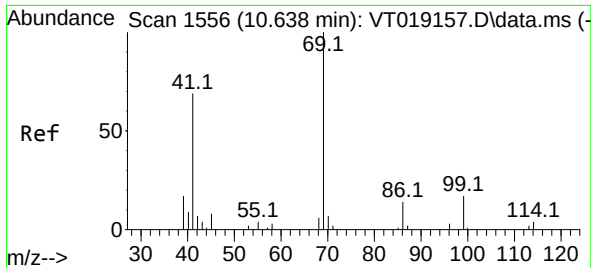
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.304 ug/l
 RT: 10.779 min Scan# 1580
 Delta R.T. -0.012 min
 Lab File: VT019165.D
 Acq: 23 Oct 2025 10:57

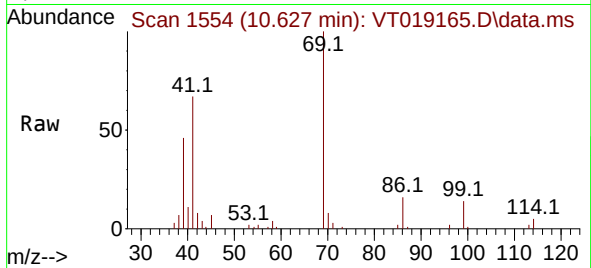
Tgt Ion: 97 Resp: 25026
 Ion Ratio Lower Upper
 97 100
 83 92.2 58.3 87.5#
 85 57.6 36.5 54.7#
 99 63.1 41.4 62.0#





#51
Ethyl methacrylate
Concen: 17.834 ug/l
RT: 10.627 min Scan# 1554
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

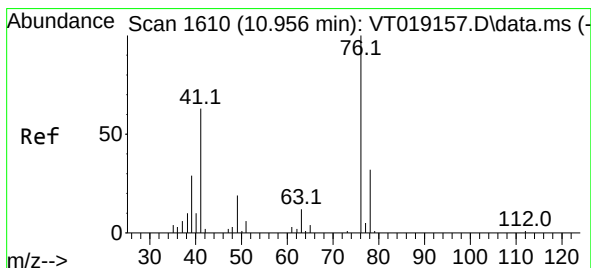
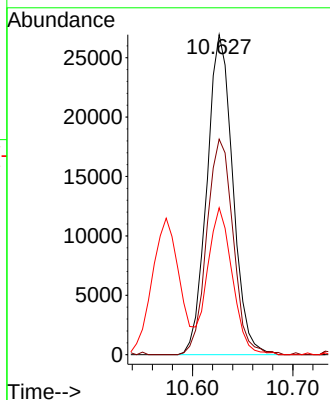
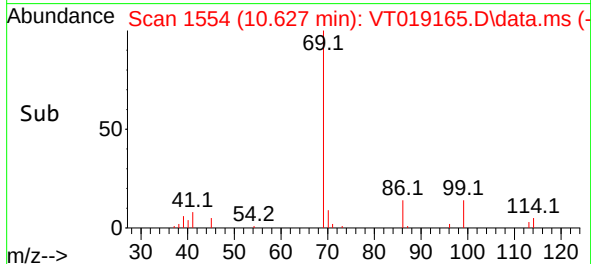
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 69 Resp: 48339
Ion Ratio Lower Upper
69 100
41 67.4 35.0 105.1
39 45.9 19.5 58.5

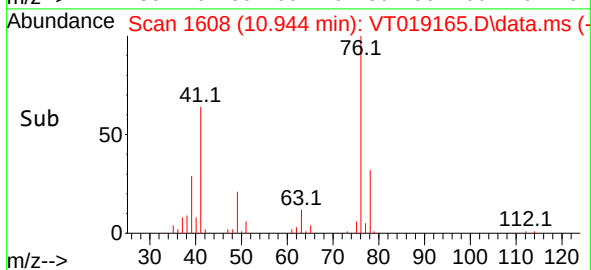
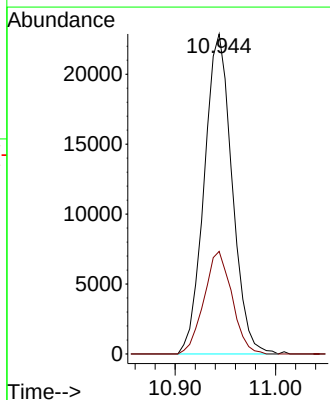
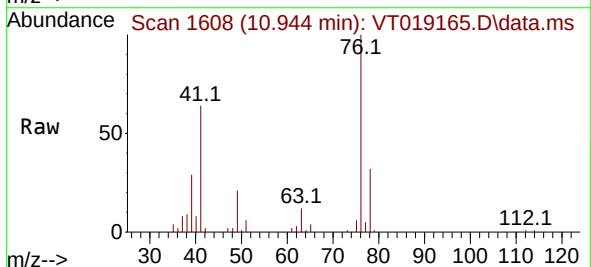
Manual Integrations
APPROVED

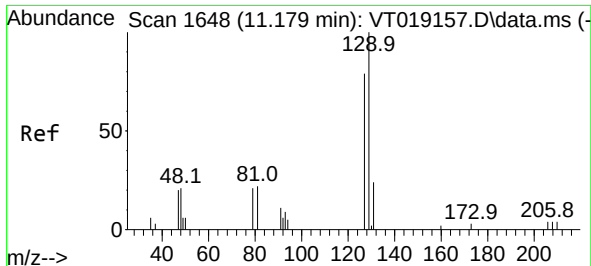
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
1,3-Dichloropropane
Concen: 17.093 ug/l
RT: 10.944 min Scan# 1608
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

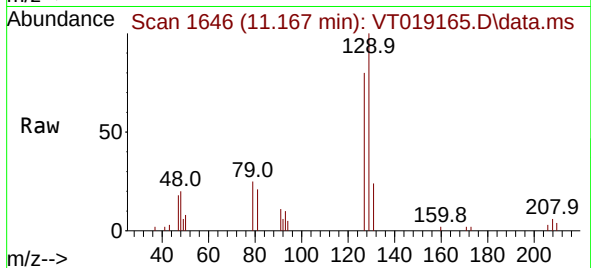
Tgt Ion: 76 Resp: 44154
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.6





#53
Dibromochloromethane
Concen: 17.685 ug/l
RT: 11.167 min Scan# 1646
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

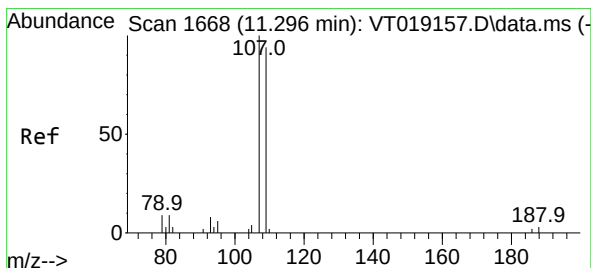
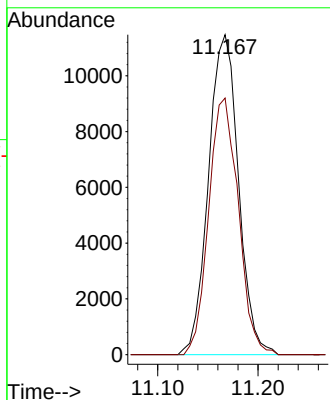
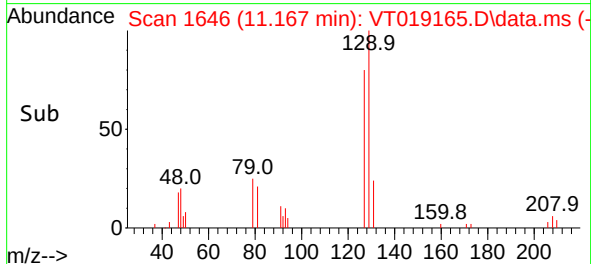
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



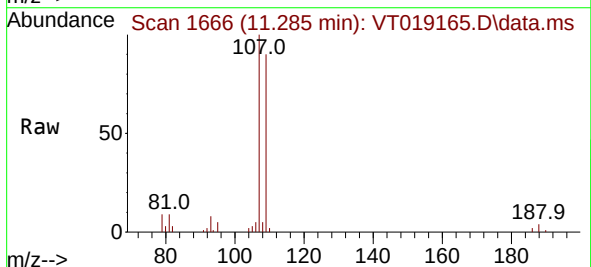
Tgt Ion:129 Resp: 23860
Ion Ratio Lower Upper
129 100
127 79.1 125.0 374.9

Manual Integrations
APPROVED

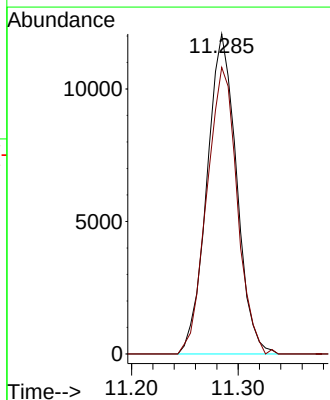
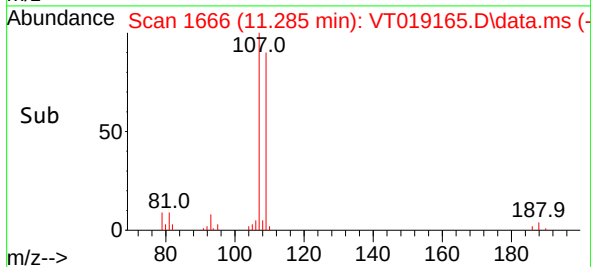
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

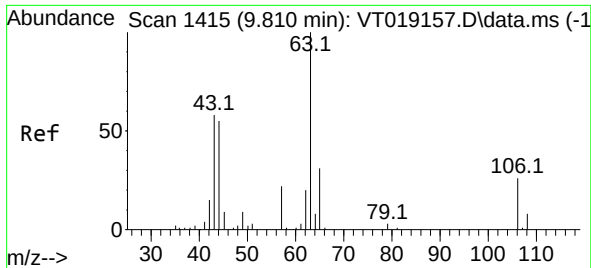


#54
1,2-Dibromoethane
Concen: 17.290 ug/l
RT: 11.285 min Scan# 1666
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



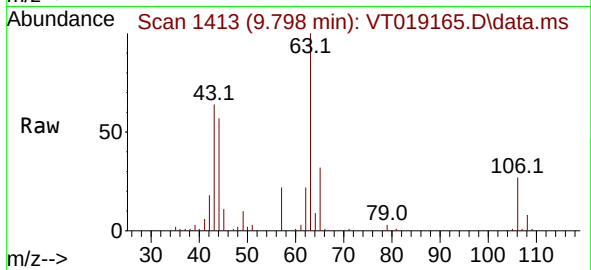
Tgt Ion:107 Resp: 23259
Ion Ratio Lower Upper
107 100
109 91.7 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 77.406 ug/l
RT: 9.798 min Scan# 1413
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

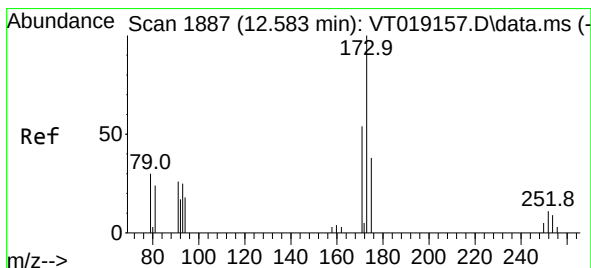
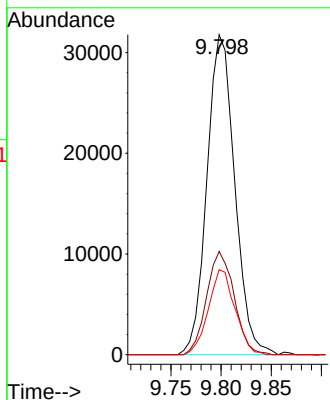
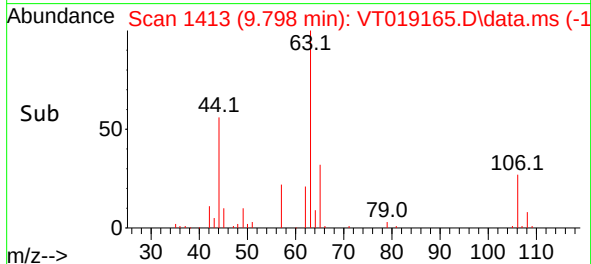
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 63 Resp: 6119
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6
106 25.5 22.1 33.1

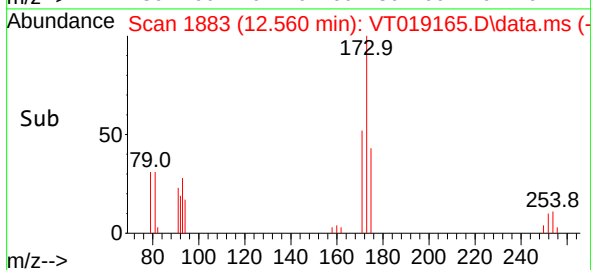
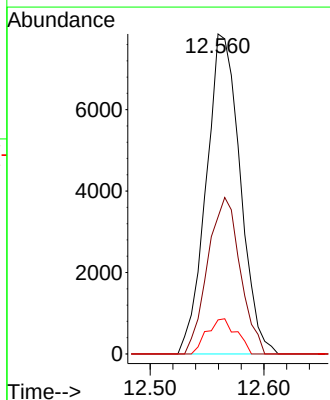
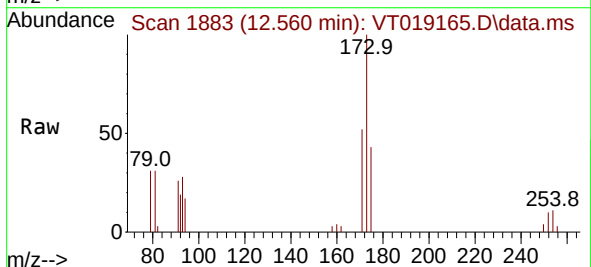
Manual Integrations
APPROVED

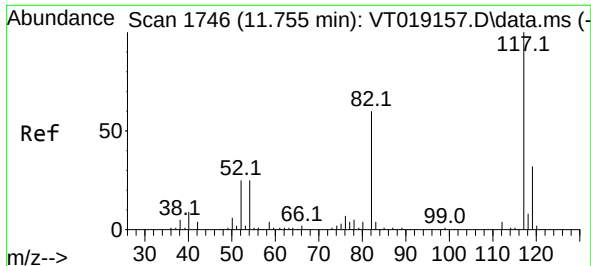
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Bromoform
Concen: 18.353 ug/l
RT: 12.560 min Scan# 1883
Delta R.T. -0.017 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion:173 Resp: 16277
Ion Ratio Lower Upper
173 100
175 46.9 2.6 3.8#
254 9.5 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.743 min Scan# 117

Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion:117 Resp: 13048

Ion Ratio Lower Upper

117 100

82 58.7 46.0 69.0

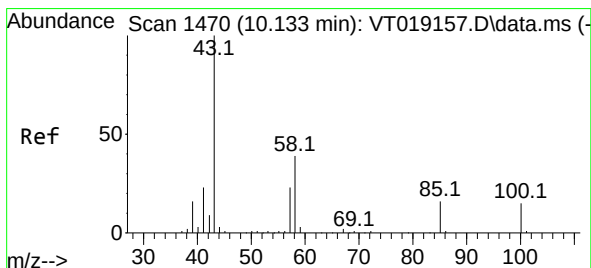
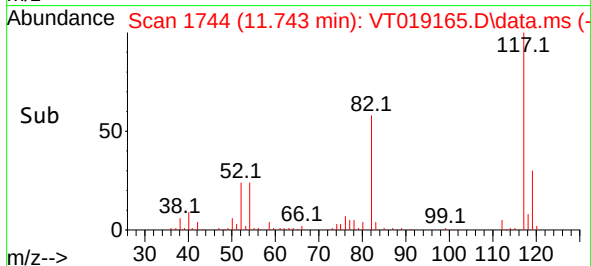
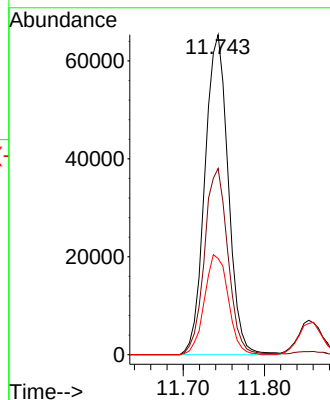
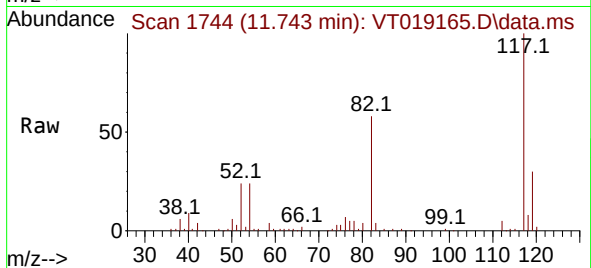
119 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

4-Methyl-2-Pentanone

Concen: 83.613 ug/l

RT: 10.121 min Scan# 1468

Delta R.T. -0.018 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

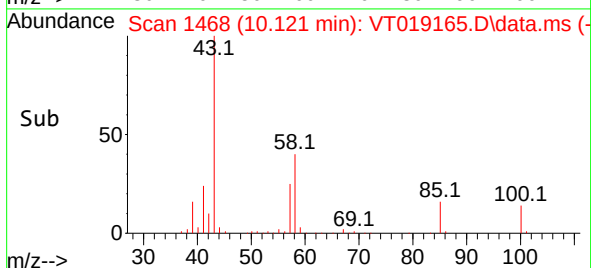
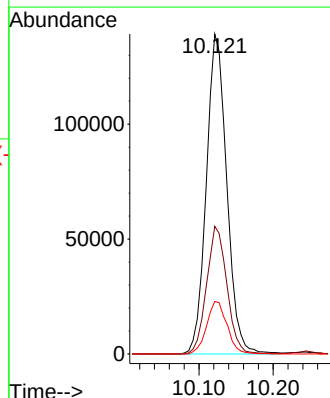
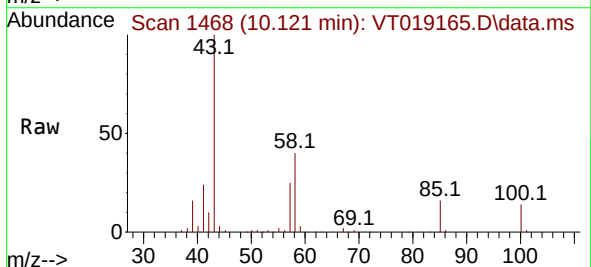
Tgt Ion: 43 Resp: 267178

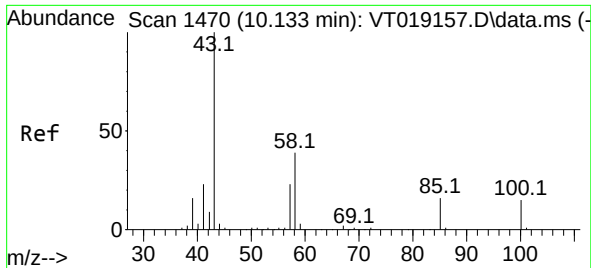
Ion Ratio Lower Upper

43 100

58 39.5 30.6 45.8

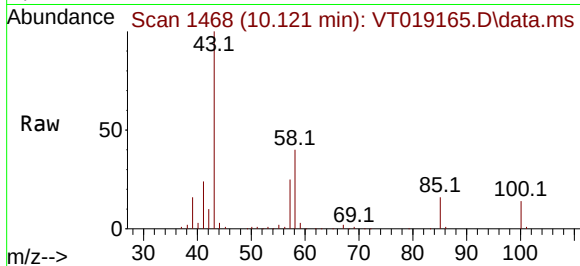
85 16.3 13.4 20.2





#59
2-Hexanone
Concen: 83.613 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

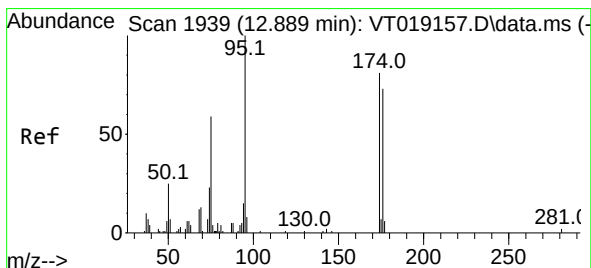
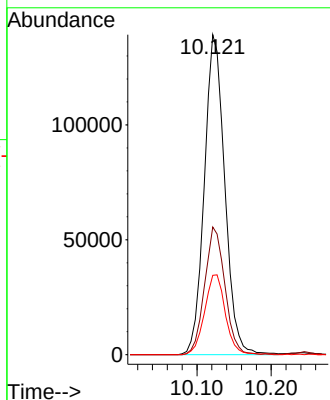
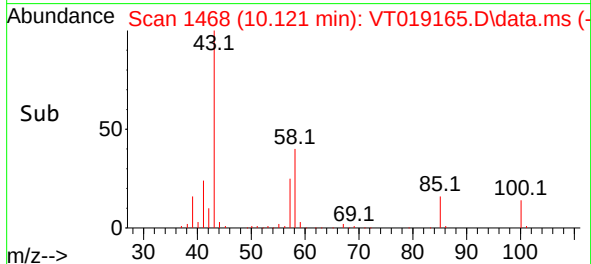
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



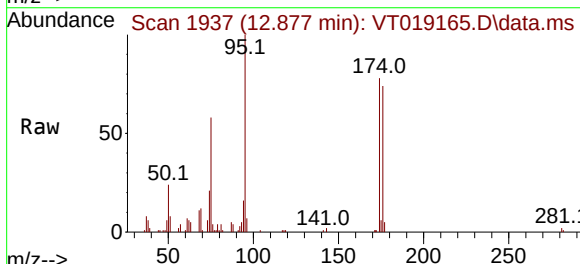
Tgt Ion: 43 Resp: 267178
Ion Ratio Lower Upper
43 100
58 39.5 42.0 63.0
57 25.3 14.6 21.8

Manual Integrations
APPROVED

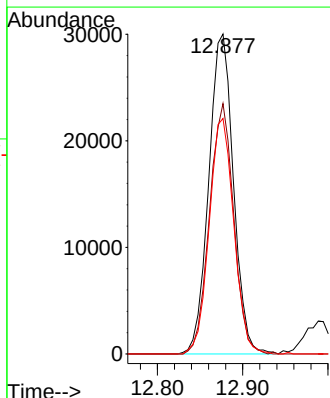
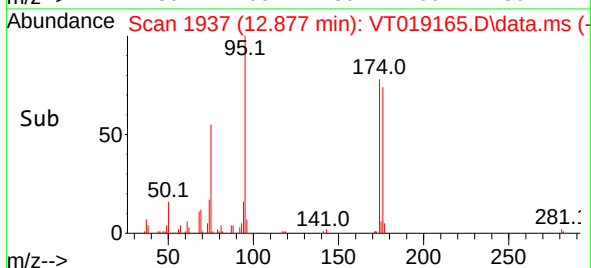
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

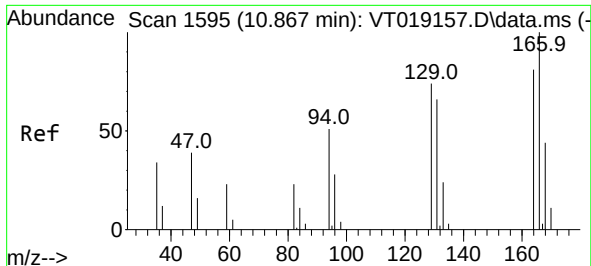


#60
4-Bromofluorobenzene
Concen: 29.471 ug/l
RT: 12.877 min Scan# 1937
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



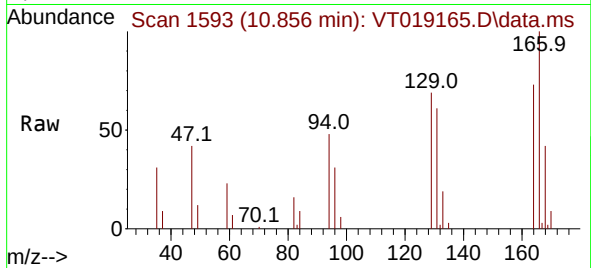
Tgt Ion: 95 Resp: 60437
Ion Ratio Lower Upper
95 100
174 76.7 57.5 86.3
176 73.5 56.4 84.6





#61
Tetrachloroethene
Concen: 19.433 ug/l
RT: 10.856 min Scan# 1593
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

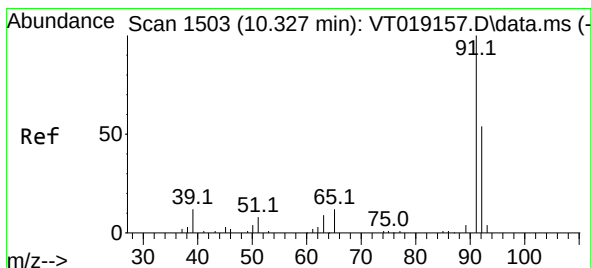
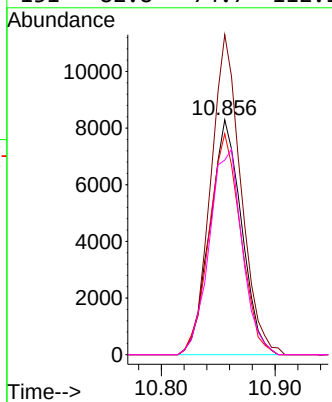
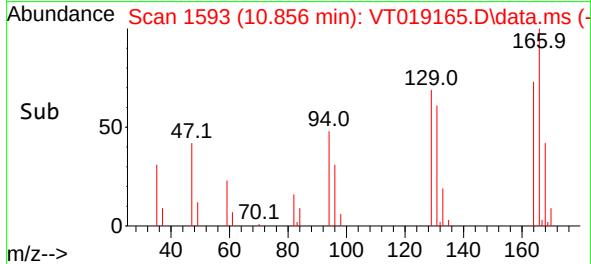
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion:164 Resp: 1602
Ion Ratio Lower Upper
164 100
166 136.3 101.0 151.4
129 94.1 78.6 117.8
131 82.8 74.7 112.1

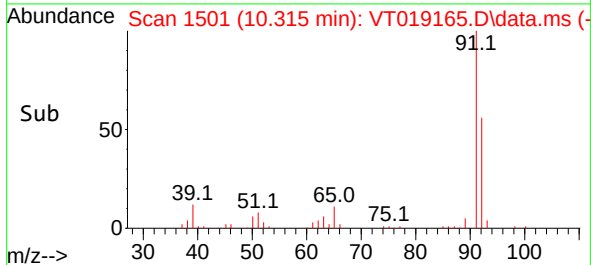
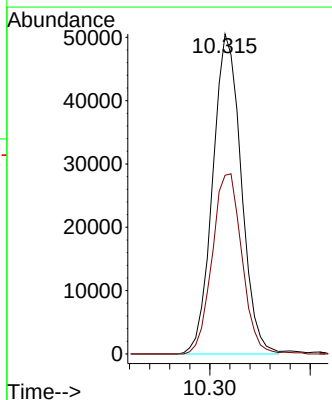
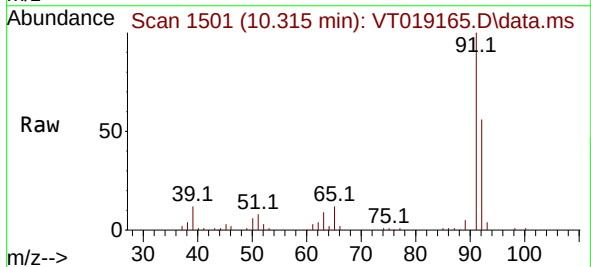
Manual Integrations
APPROVED

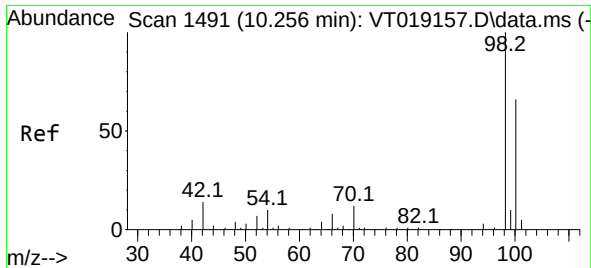
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
Toluene
Concen: 17.019 ug/l
RT: 10.315 min Scan# 1501
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 91 Resp: 99463
Ion Ratio Lower Upper
91 100
92 58.4 46.6 69.8





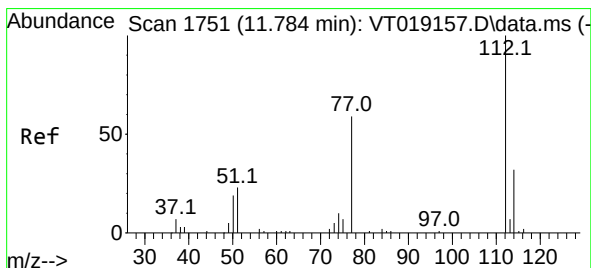
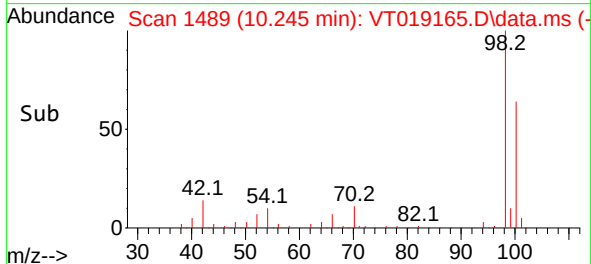
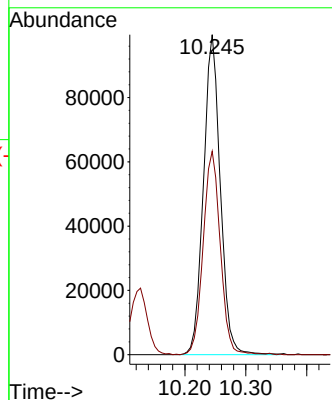
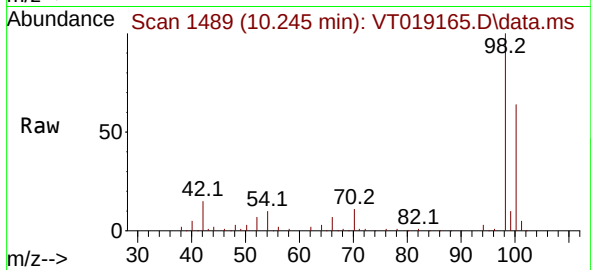
#63
Toluene-d8
Concen: 30.127 ug/l
RT: 10.245 min Scan# 1491
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 98 Resp: 19133
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3

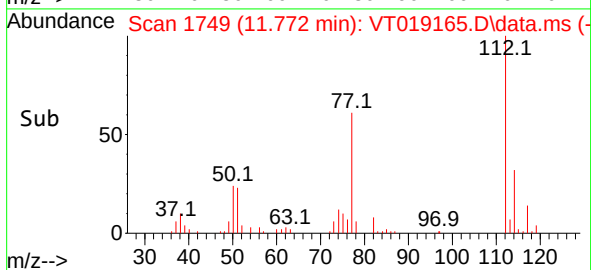
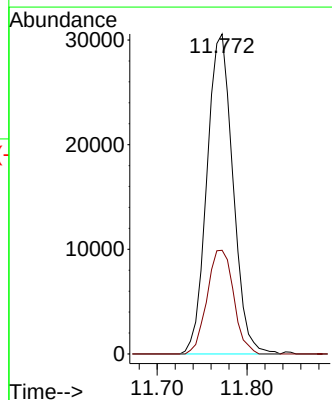
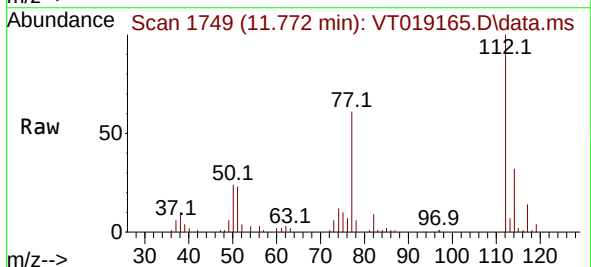
Manual Integrations
APPROVED

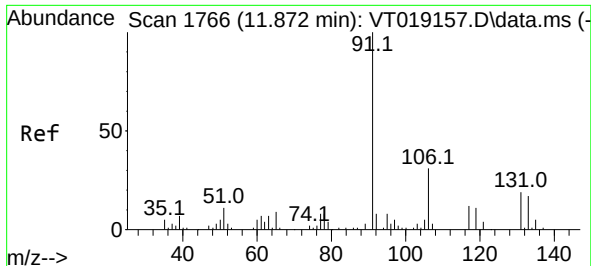
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Chlorobenzene
Concen: 17.213 ug/l
RT: 11.772 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion:112 Resp: 61446
Ion Ratio Lower Upper
112 100
114 32.4 23.6 35.4





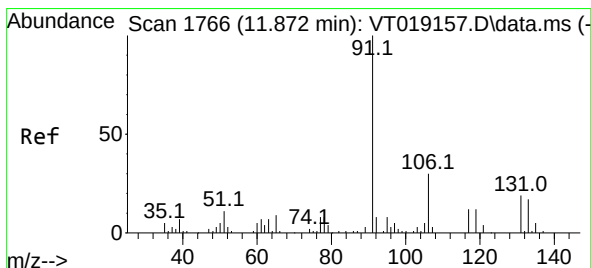
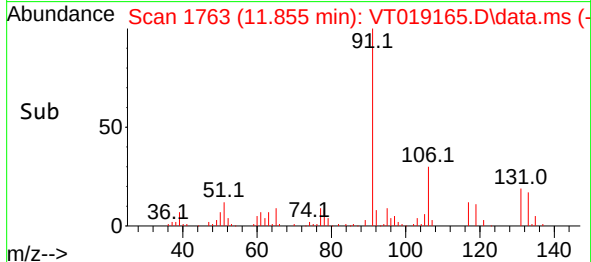
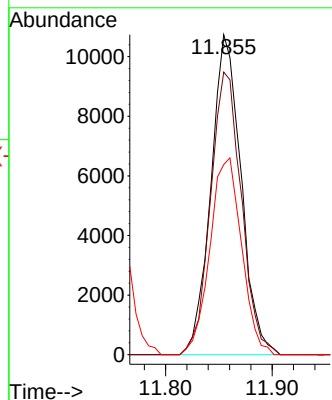
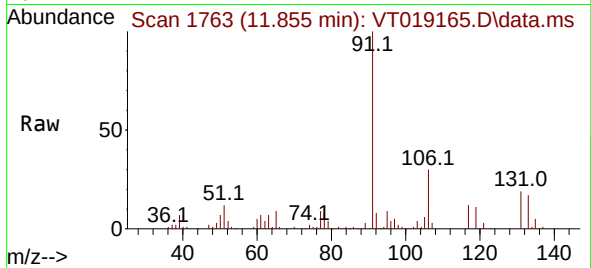
#65
1,1,1,2-Tetrachloroethane
Concen: 18.107 ug/l
RT: 11.855 min Scan# 1763
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:131 Resp: 2105
Ion Ratio Lower Upper
131 100
133 90.6 0.0 188.2
119 64.8 0.0 101.8

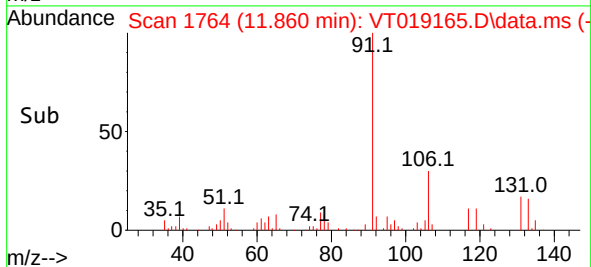
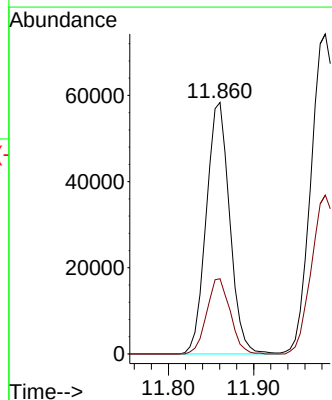
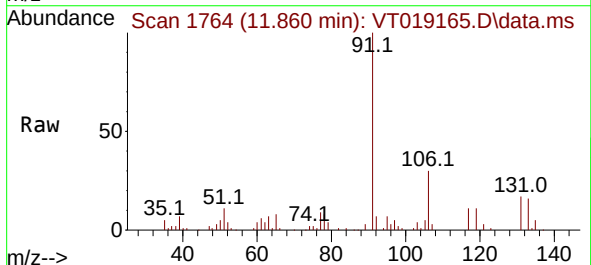
Manual Integrations
APPROVED

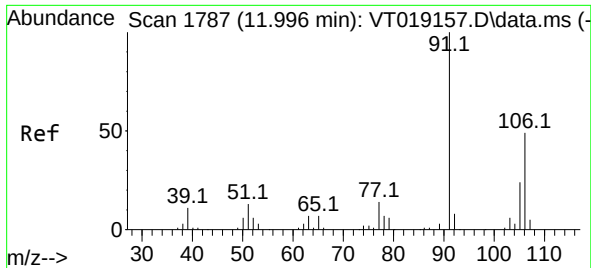
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 17.559 ug/l
RT: 11.860 min Scan# 1764
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 91 Resp: 111526
Ion Ratio Lower Upper
91 100
106 29.9 25.1 37.7





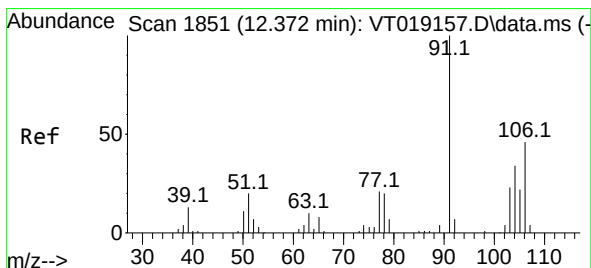
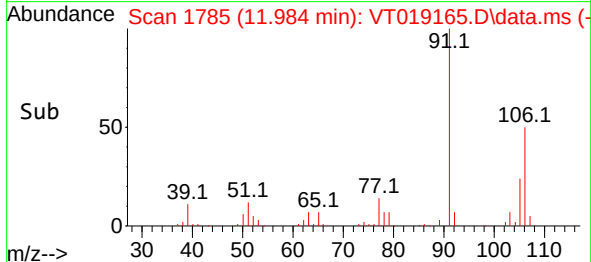
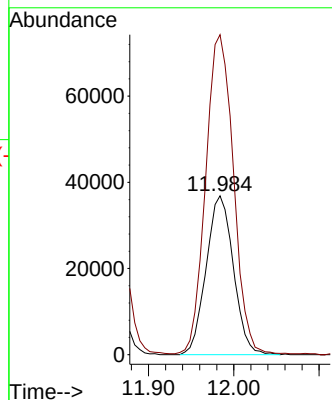
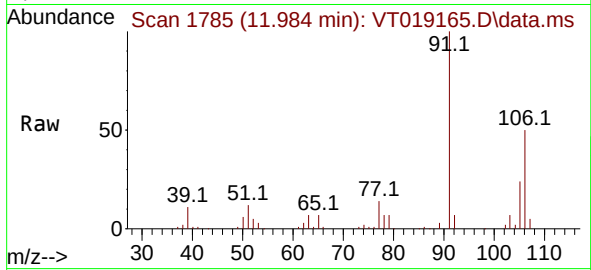
#67
m/p-Xylenes
Concen: 34.682 ug/l
RT: 11.984 min Scan# 1190
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:106 Resp: 81890
Ion Ratio Lower Upper
106 100
91 205.5 164.4 246.6

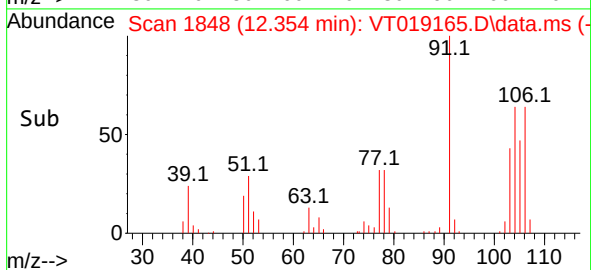
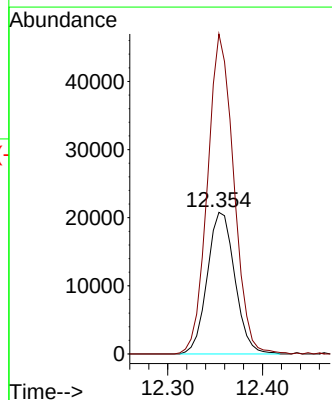
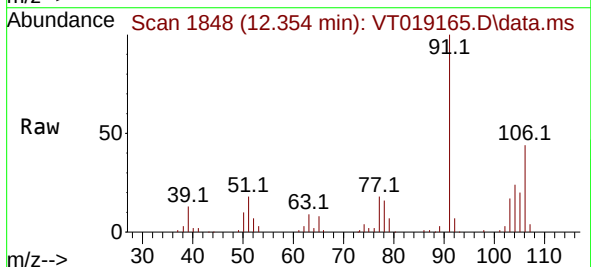
Manual Integrations
APPROVED

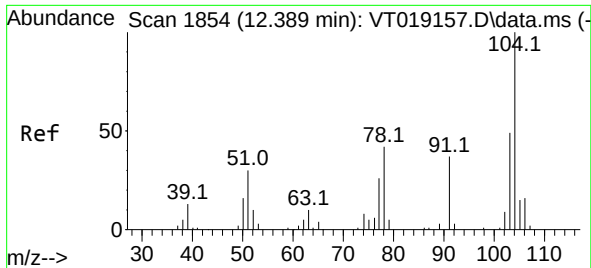
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
o-Xylene
Concen: 17.246 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion:106 Resp: 42032
Ion Ratio Lower Upper
106 100
91 215.2 111.3 333.8





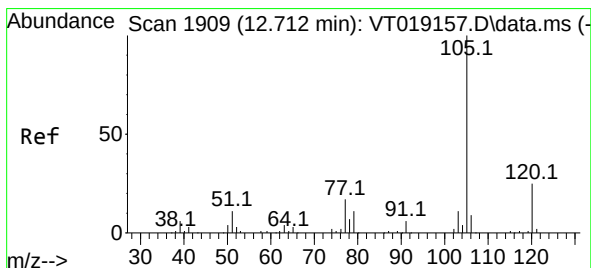
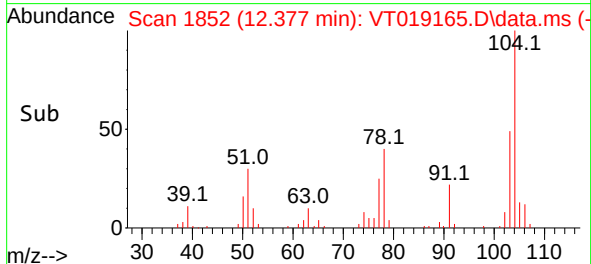
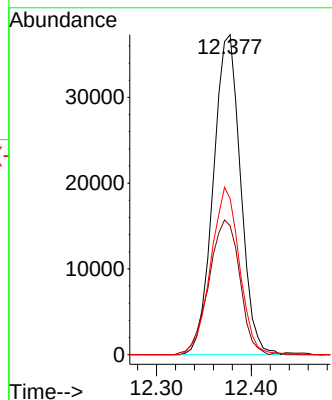
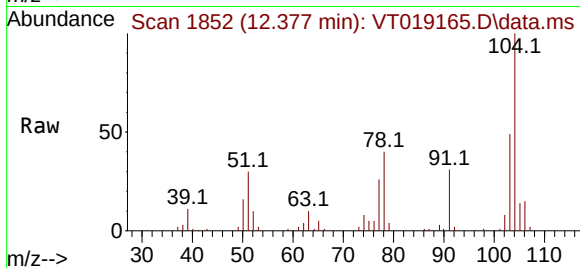
#69
Styrene
Concen: 17.022 ug/l
RT: 12.377 min Scan# 1852
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:104 Resp: 7448
Ion Ratio Lower Upper
104 100
78 47.5 42.6 63.8
103 54.9 43.5 65.3

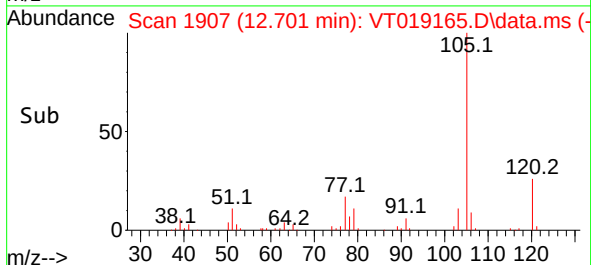
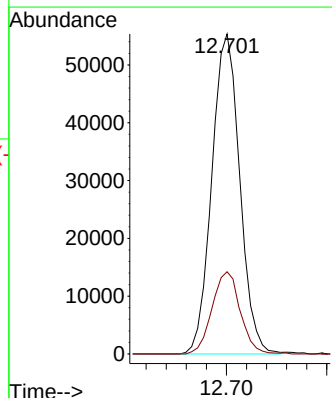
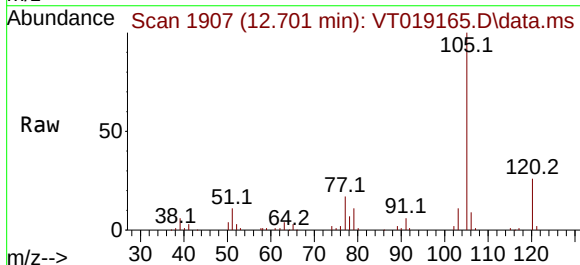
Manual Integrations
APPROVED

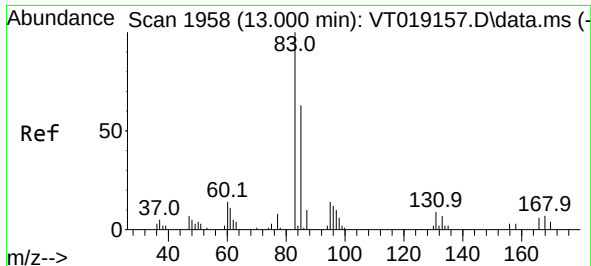
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 17.874 ug/l
RT: 12.701 min Scan# 1907
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

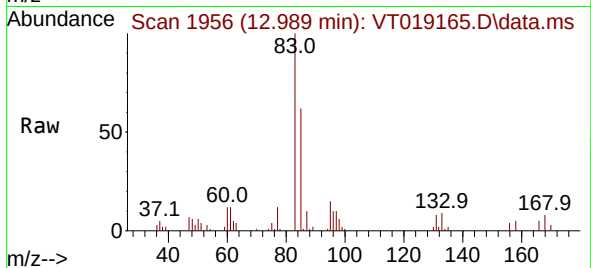
Tgt Ion:105 Resp: 106850
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 18.082 ug/l
RT: 12.989 min Scan# 1958
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

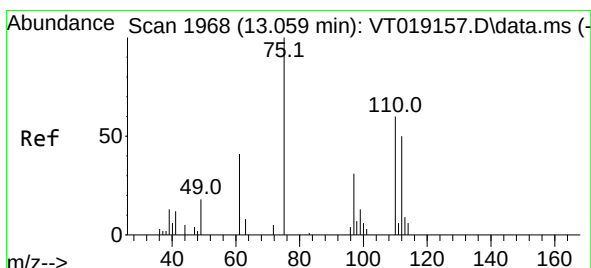
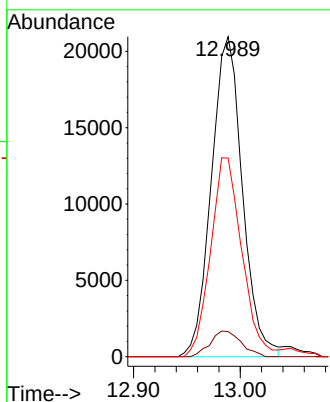
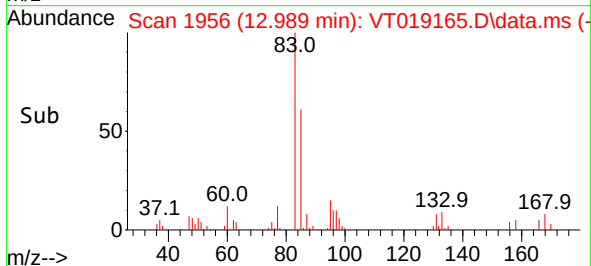
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 83 Resp: 42412
Ion Ratio Lower Upper
83 100
131 8.0 6.0 18.0
85 62.5 32.3 96.9

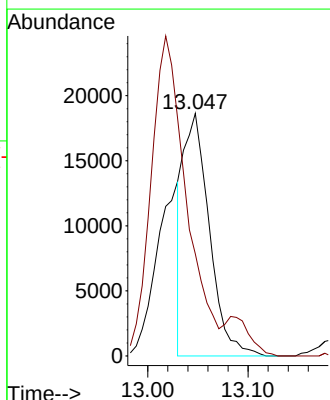
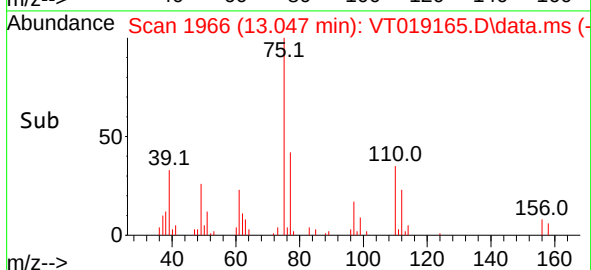
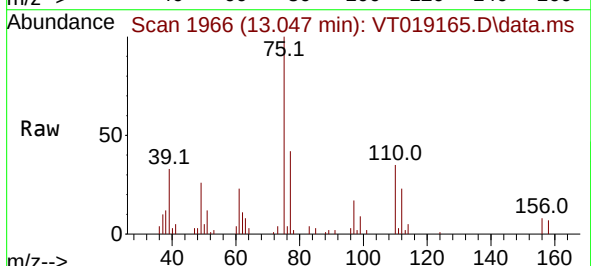
Manual Integrations
APPROVED

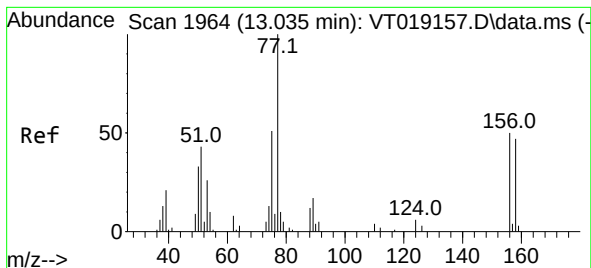
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 19.521 ug/l m
RT: 13.047 min Scan# 1966
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 75 Resp: 33799
Ion Ratio Lower Upper
75 100
77 177.5 0.0 74.2#





#73

Bromobenzene

Concen: 17.473 ug/l

RT: 13.018 min Scan# 1964

Delta R.T. -0.017 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

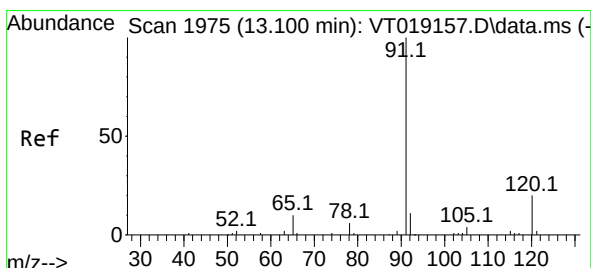
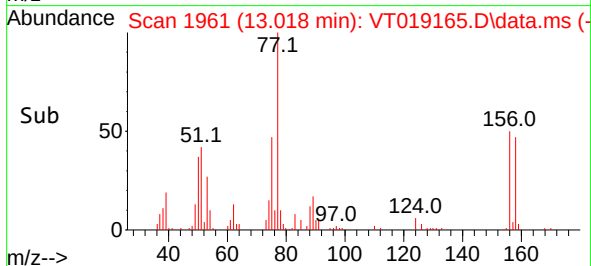
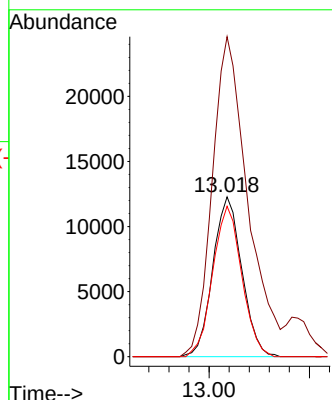
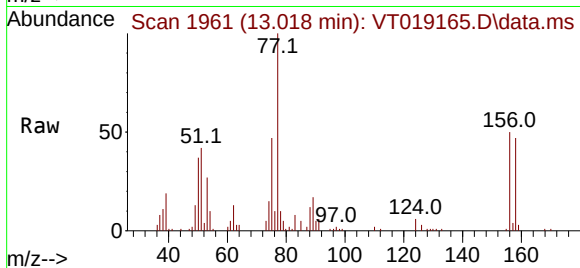
Tgt Ion:	156	Resp:	2456
Ion Ratio	Lower	Upper	
156	100		
77	244.3	0.0	340.8
158	94.4	0.0	189.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#74

n-propylbenzene

Concen: 18.026 ug/l

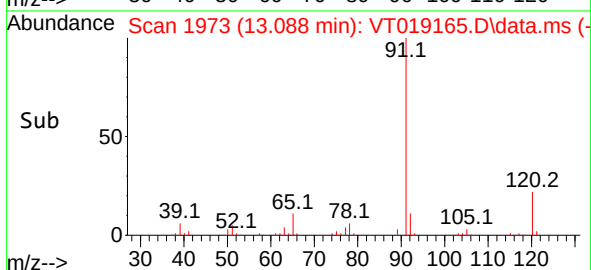
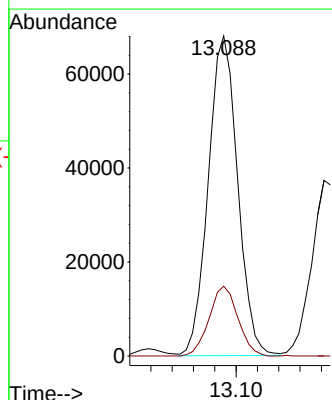
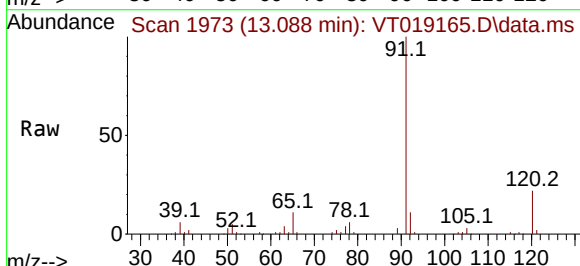
RT: 13.088 min Scan# 1973

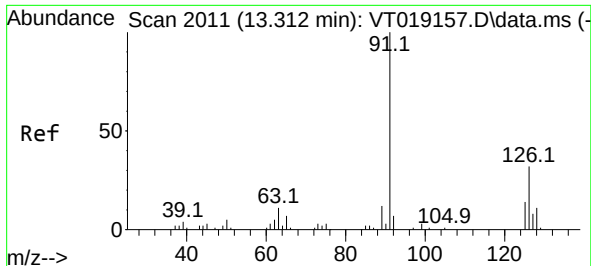
Delta R.T. -0.012 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Tgt Ion:	91	Resp:	129938
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	44.4





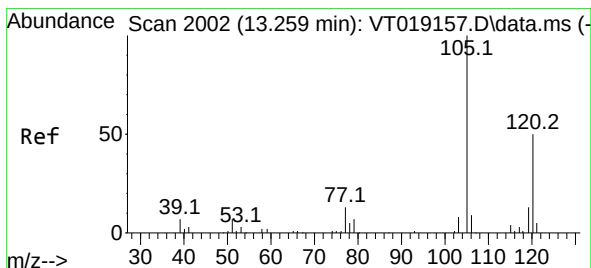
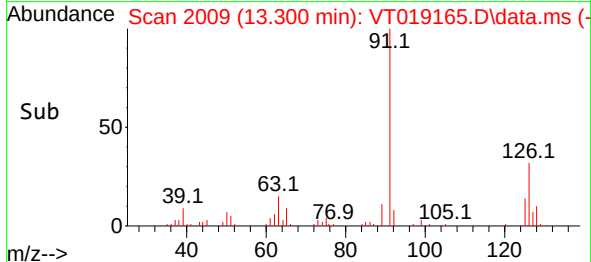
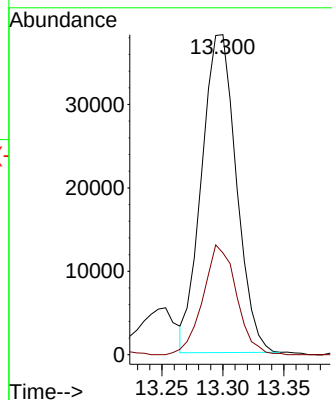
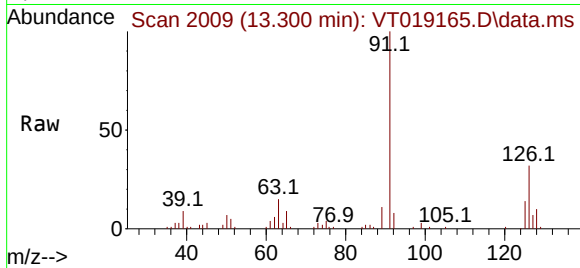
#75
2-Chlorotoluene
Concen: 17.162 ug/l
RT: 13.300 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 91 Resp: 75732
Ion Ratio Lower Upper
91 100
126 33.3 0.0 63.6

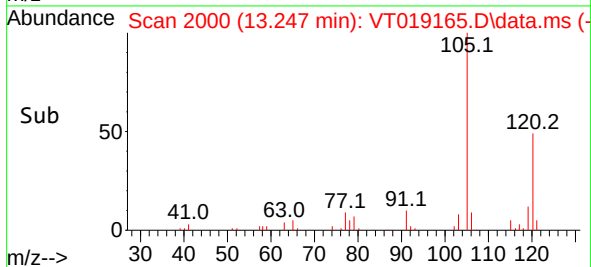
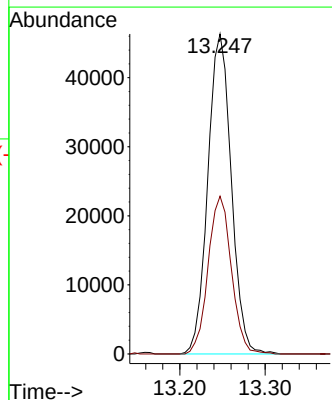
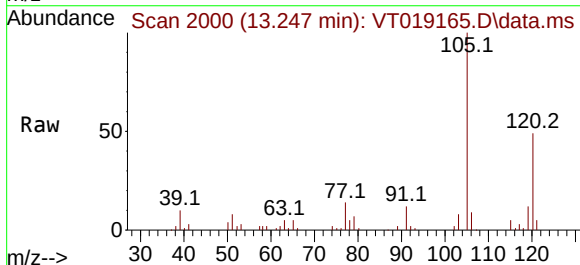
Manual Integrations
APPROVED

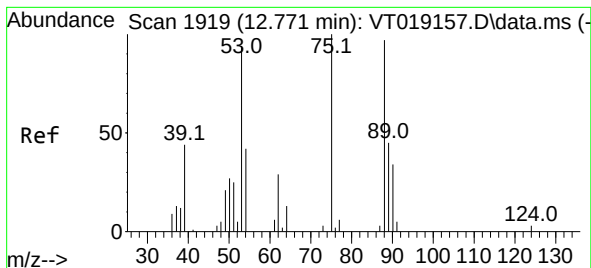
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.048 ug/l
RT: 13.247 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

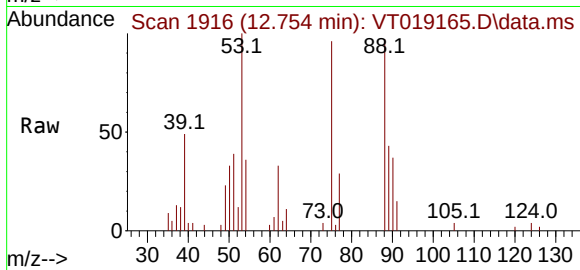
Tgt Ion:105 Resp: 88514
Ion Ratio Lower Upper
105 100
120 48.9 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.194 ug/l
RT: 12.754 min Scan# 1916
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

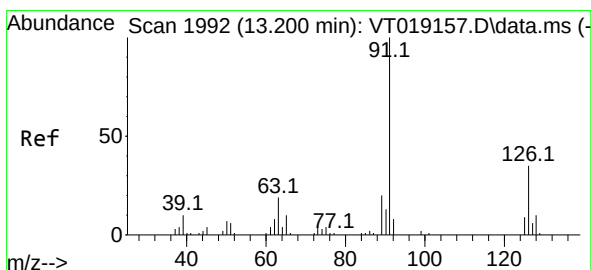
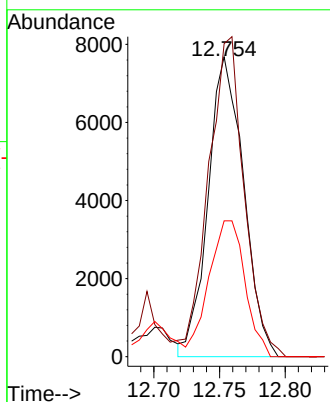
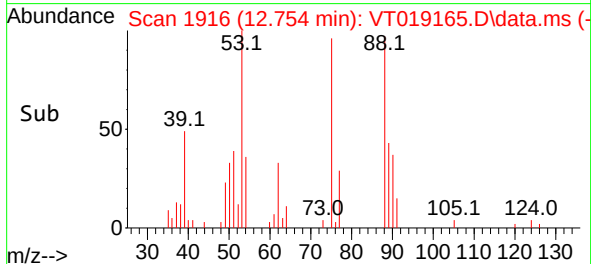
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



Tgt Ion: 75 Resp: 1446
Ion Ratio Lower Upper
75 100
53 101.6 48.4 145.2
89 45.3 33.8 101.3

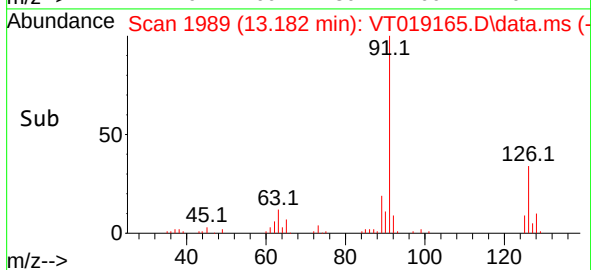
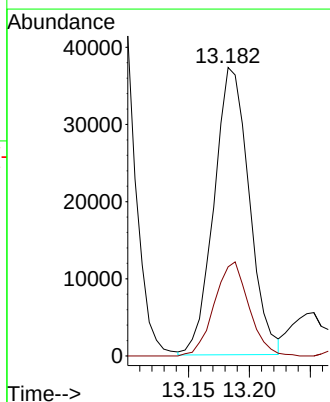
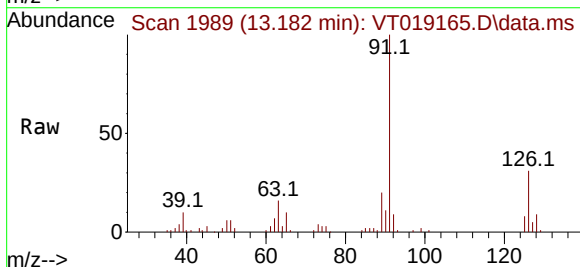
Manual Integrations
APPROVED

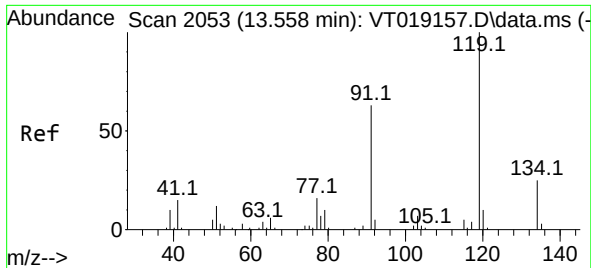
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
4-Chlorotoluene
Concen: 17.207 ug/l
RT: 13.182 min Scan# 1989
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion: 91 Resp: 74901
Ion Ratio Lower Upper
91 100
126 32.1 0.0 57.2





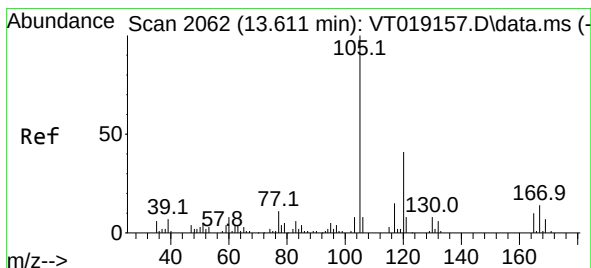
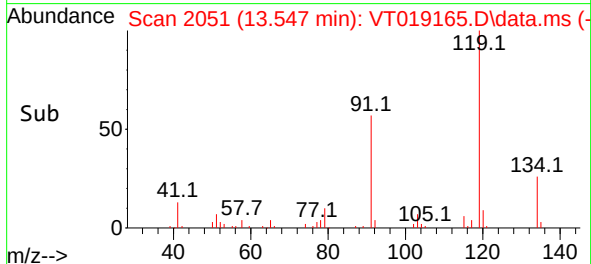
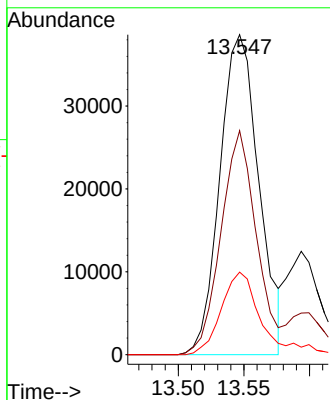
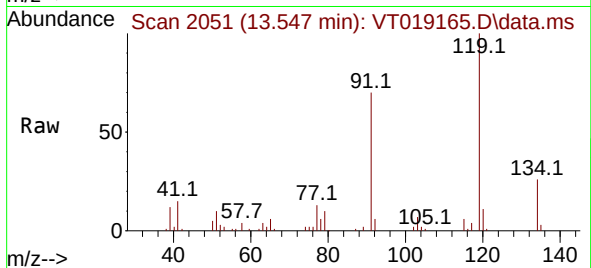
#79
tert-butylbenzene
Concen: 18.346 ug/l
RT: 13.547 min Scan# 2051
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:119 Resp: 79912
Ion Ratio Lower Upper
119 100
91 63.4 0.0 120.6
134 24.4 0.0 46.0

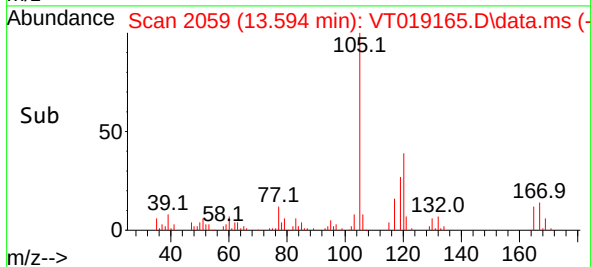
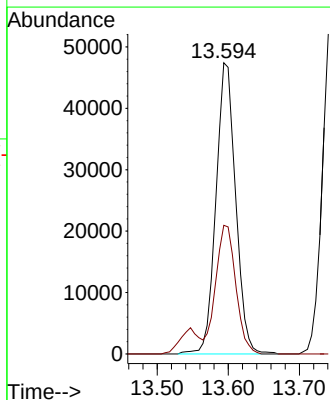
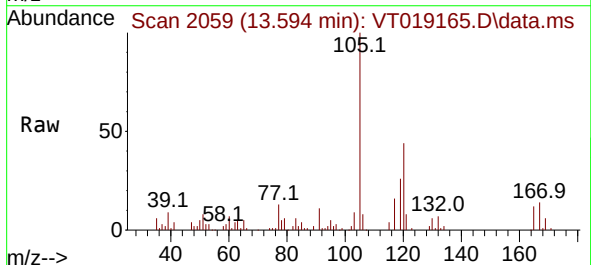
Manual Integrations
APPROVED

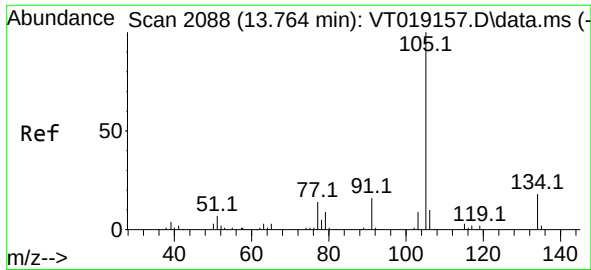
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.794 ug/l
RT: 13.594 min Scan# 2059
Delta R.T. -0.017 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

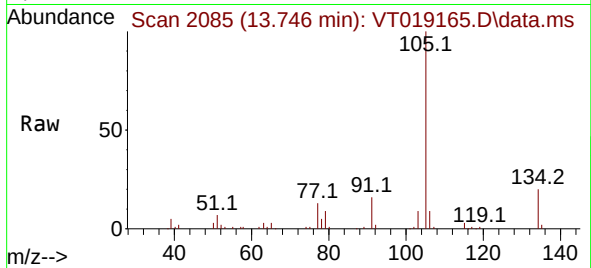
Tgt Ion:105 Resp: 91053
Ion Ratio Lower Upper
105 100
120 45.1 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 18.619 ug/l
 RT: 13.746 min Scan# 2088
 Delta R.T. -0.018 min
 Lab File: VT019165.D
 Acq: 23 Oct 2025 10:57

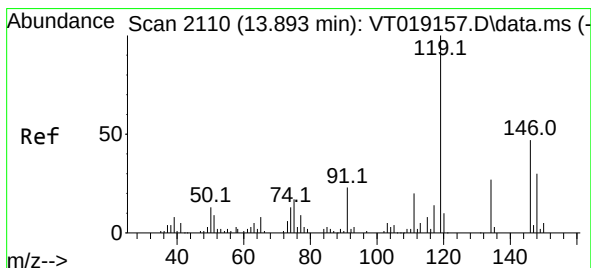
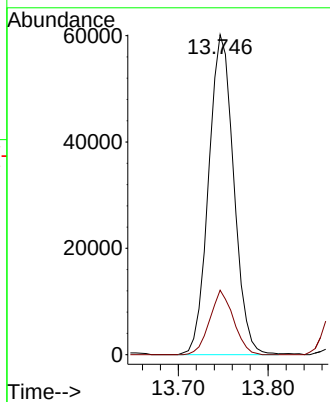
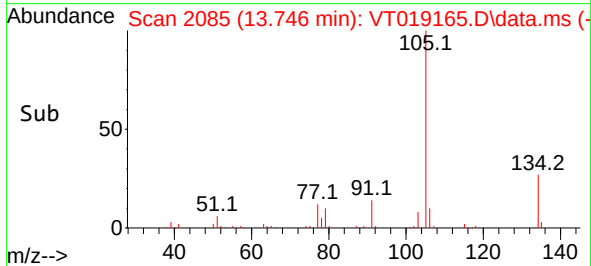
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBSD01



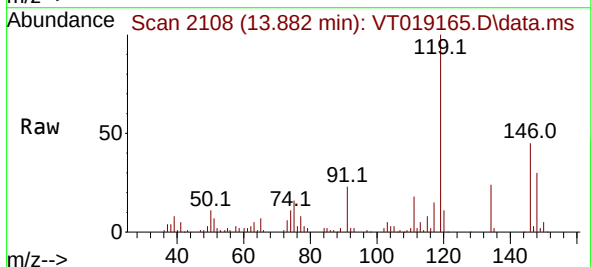
Tgt Ion:105 Resp: 11685
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

Manual Integrations
 APPROVED

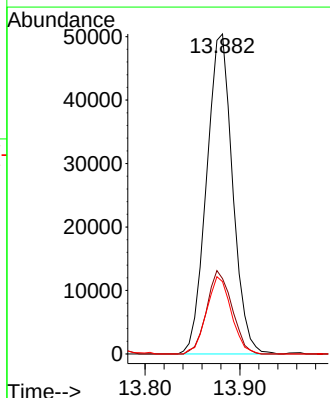
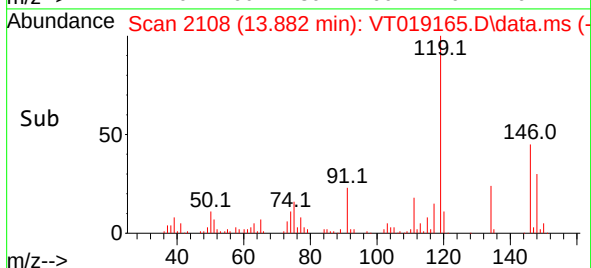
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

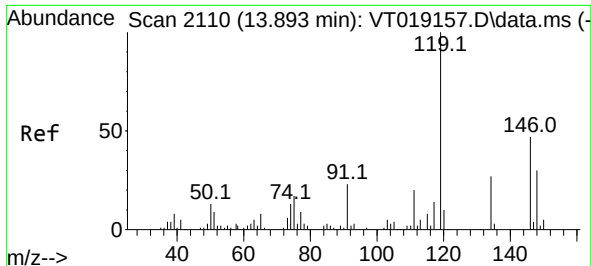


#82
 p-Isopropyltoluene
 Concen: 18.403 ug/l
 RT: 13.882 min Scan# 2108
 Delta R.T. -0.011 min
 Lab File: VT019165.D
 Acq: 23 Oct 2025 10:57



Tgt Ion:119 Resp: 96090
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.8
 91 23.0 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 17.538 ug/l

RT: 13.876 min Scan# 2110

Delta R.T. -0.017 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

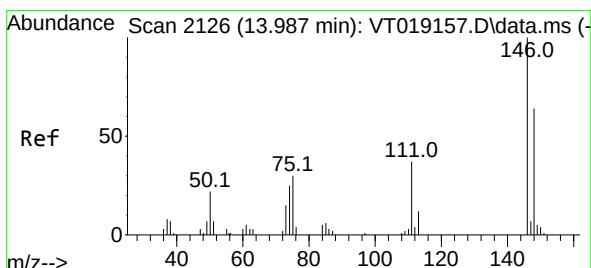
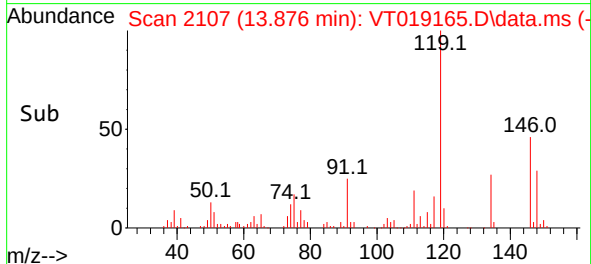
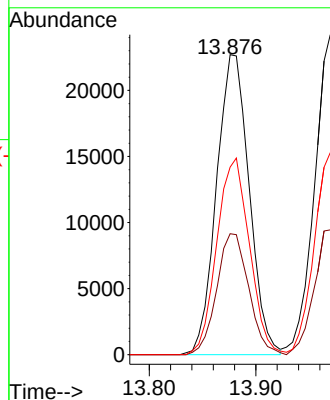
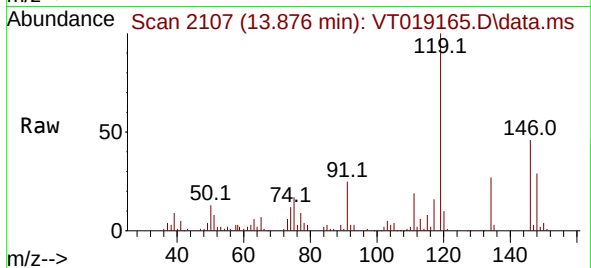
Tgt Ion:146 Resp: 48350
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.7 62.1
 148 65.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#84

1,4-Dichlorobenzene

Concen: 17.958 ug/l

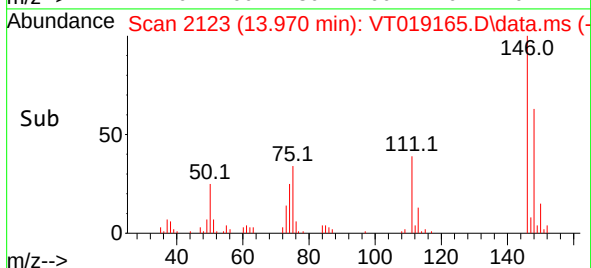
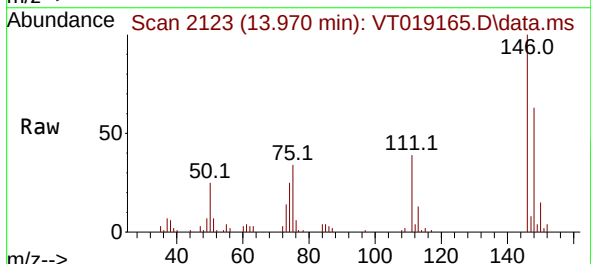
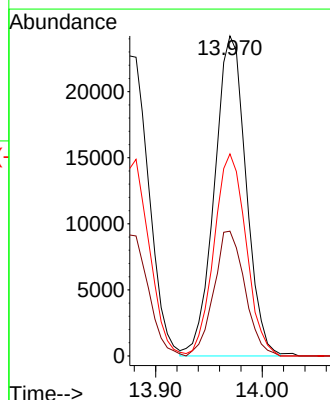
RT: 13.970 min Scan# 2123

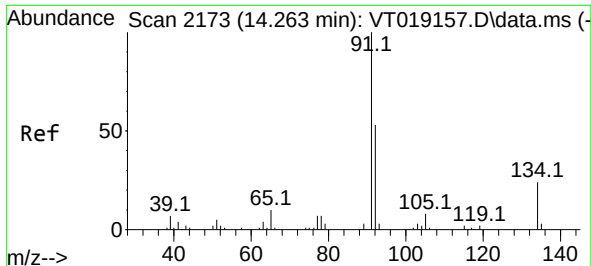
Delta R.T. -0.011 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Tgt Ion:146 Resp: 49847
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.4 61.3
 148 63.9 32.3 96.8





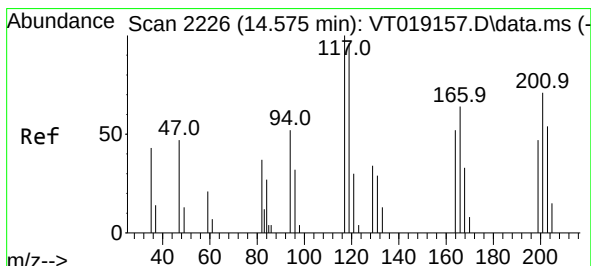
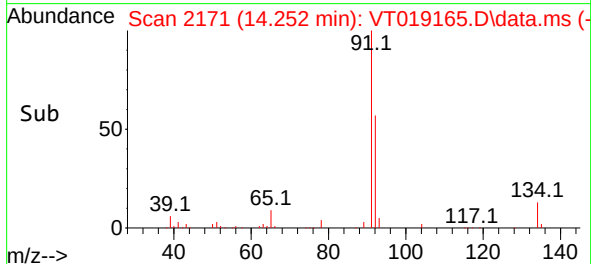
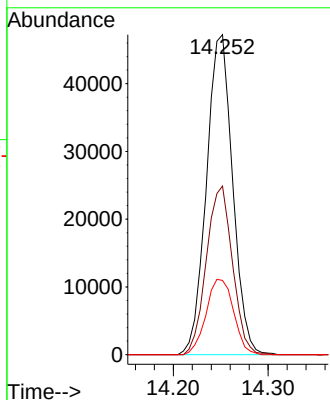
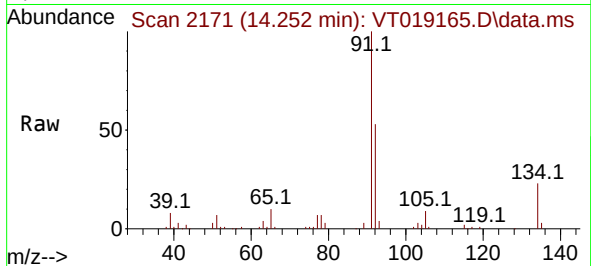
#85
n-Butylbenzene
Concen: 18.950 ug/l
RT: 14.252 min Scan# 2171
Delta R.T. -0.011 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion: 91 Resp: 9055
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.8
134 24.7 0.0 50.0

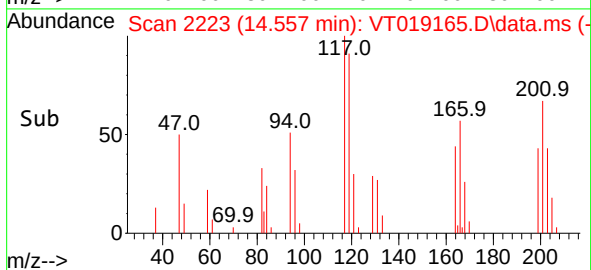
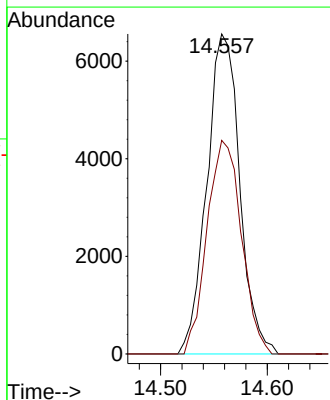
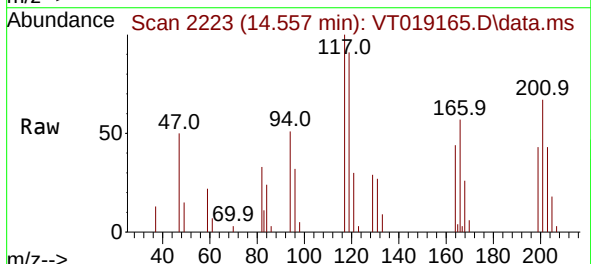
Manual Integrations
APPROVED

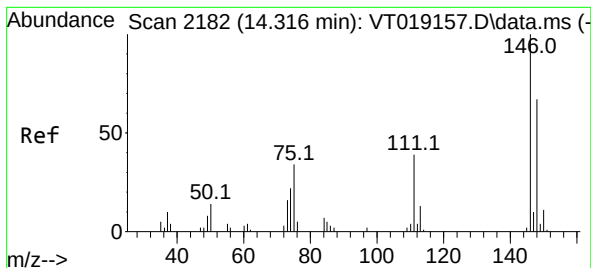
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#86
Hexachloroethane
Concen: 20.083 ug/l
RT: 14.557 min Scan# 2223
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Tgt Ion:117 Resp: 14053
Ion Ratio Lower Upper
117 100
201 69.8 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 17.614 ug/l

RT: 14.305 min Scan# 2182

Delta R.T. -0.011 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBSD01

Tgt Ion:146 Resp: 4851

Ion Ratio Lower Upper

146 100

111 41.4 21.8 65.3

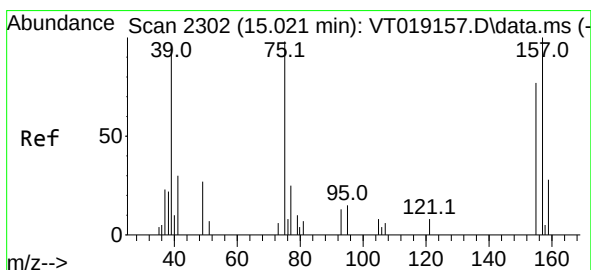
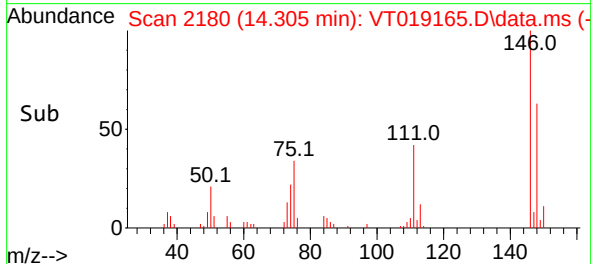
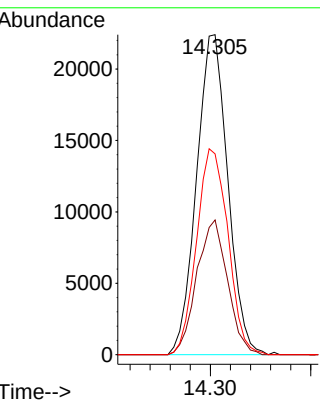
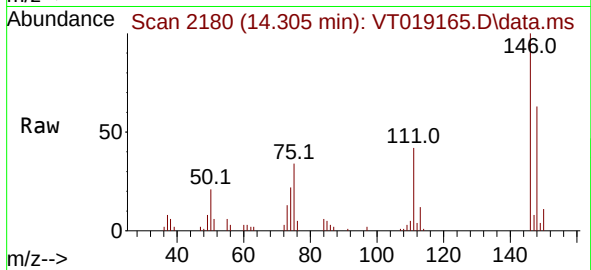
148 64.6 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.666 ug/l

RT: 15.004 min Scan# 2299

Delta R.T. -0.017 min

Lab File: VT019165.D

Acq: 23 Oct 2025 10:57

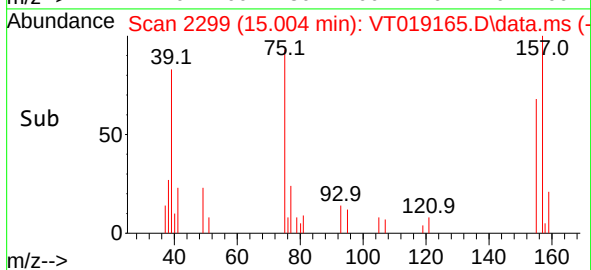
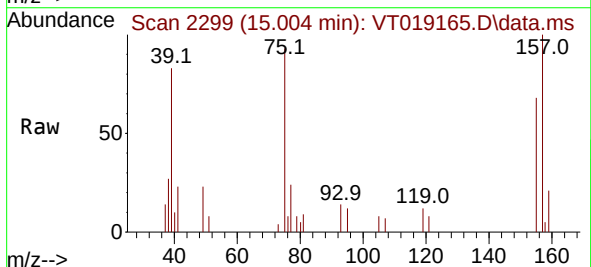
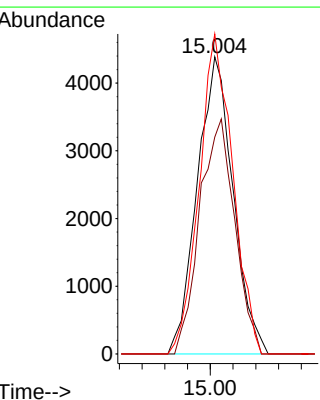
Tgt Ion: 75 Resp: 9619

Ion Ratio Lower Upper

75 100

155 77.4 65.4 98.2

157 100.4 82.0 123.0





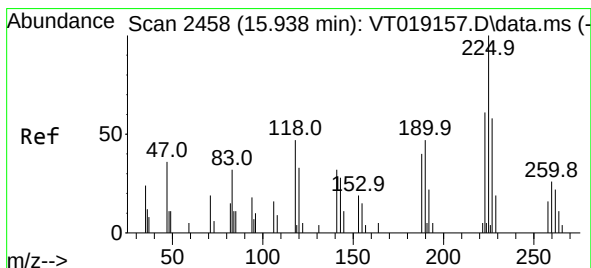
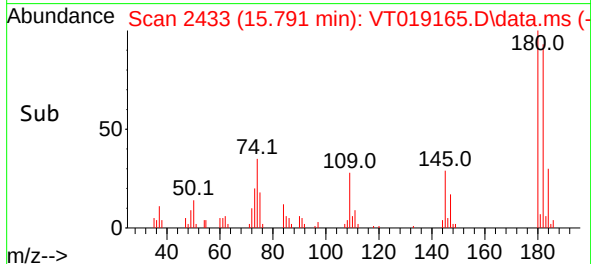
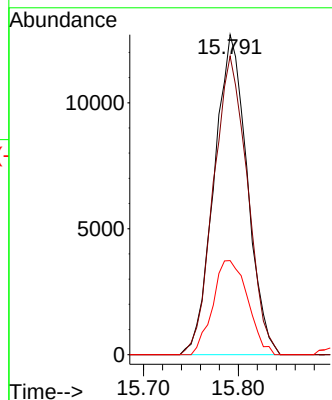
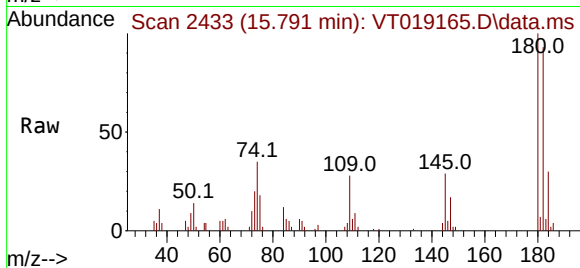
#89
1,2,4-Trichlorobenzene
Concen: 18.332 ug/l
RT: 15.791 min Scan# 2433
Delta R.T. -0.018 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01

Tgt Ion:180 Resp: 3073
Ion Ratio Lower Upper
180 100
182 95.3 78.2 117.2
145 31.0 26.5 39.7

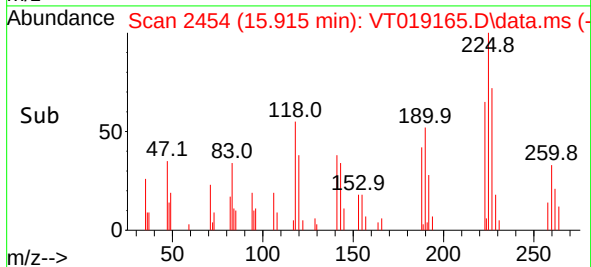
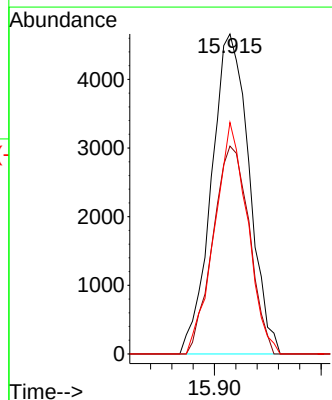
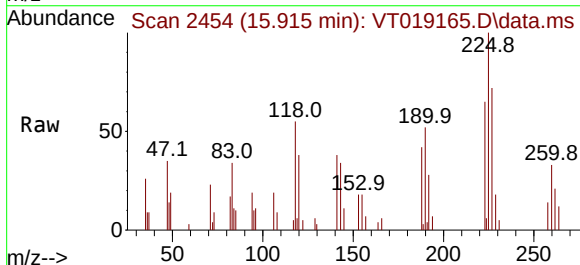
Manual Integrations
APPROVED

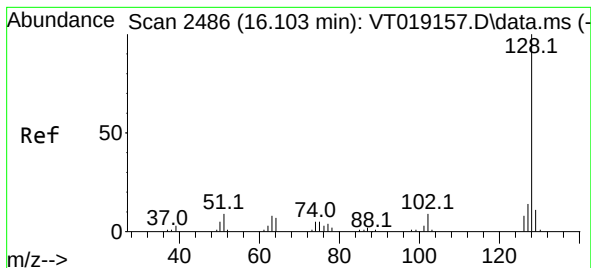
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachlorobutadiene
Concen: 20.565 ug/l
RT: 15.915 min Scan# 2454
Delta R.T. -0.023 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

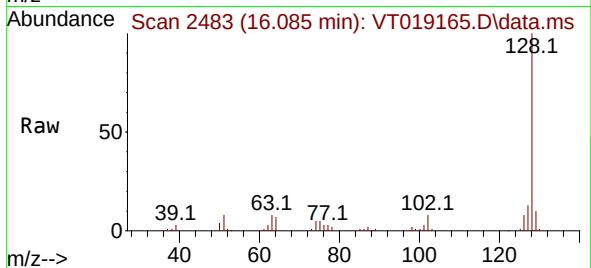
Tgt Ion:225 Resp: 11432
Ion Ratio Lower Upper
225 100
223 62.8 0.0 73.8
227 63.5 0.0 130.6





#91
Naphthalene
Concen: 18.681 ug/l
RT: 16.085 min Scan# 2486
Delta R.T. -0.012 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57

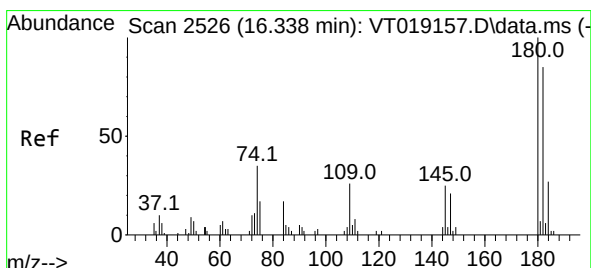
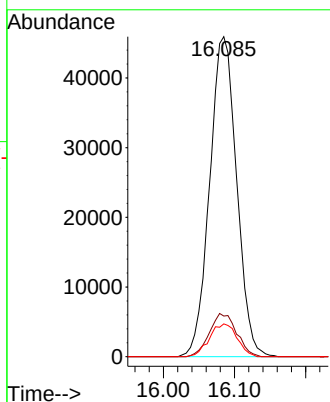
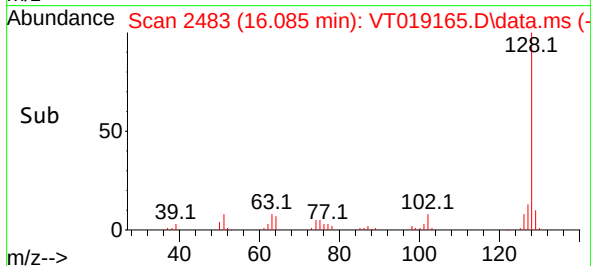
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBSD01



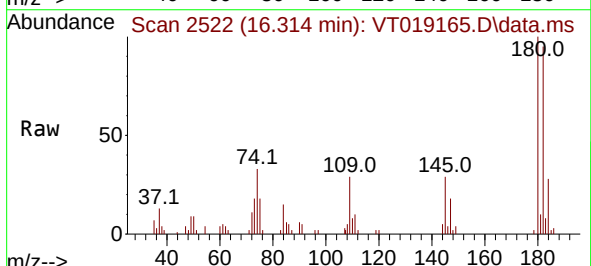
Tgt Ion:128 Resp: 121059
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.5 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.539 ug/l
RT: 16.314 min Scan# 2522
Delta R.T. -0.024 min
Lab File: VT019165.D
Acq: 23 Oct 2025 10:57



Tgt Ion:180 Resp: 31374
Ion Ratio Lower Upper
180 100
182 95.0 0.0 189.0
145 31.0 0.0 69.2

