

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019185.D
 Acq On : 27 Oct 2025 8:48
 Operator : SY/MD
 Sample : VT1027WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 28 05:51:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.019	128	26517	30.000	ug/l	#-0.06
28) 1,4-Difluorobenzene	8.529	114	170930	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.707	117	136658	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.912	65	70875	30.508	ug/l	-0.06
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.700%			
60) 4-Bromofluorobenzene	12.841	95	63765	29.689	ug/l	-0.05
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.967%			
63) Toluene-d8	10.209	98	201629	30.313	ug/l	-0.05
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	15323	21.056	ug/l	98
3) Chloromethane	2.060	50	32019m	19.168	ug/l	
4) Vinyl Chloride	2.177	62	31443	16.842	ug/l	98
5) Bromomethane	2.530	94	26275	16.947	ug/l	94
6) Chloroethane	2.659	64	28593	17.366	ug/l	95
7) Trichlorofluoromethane	2.965	101	59301	19.587	ug/l	94
8) Diethyl Ether	3.317	74	32567	17.471	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.646	101	33939	28.552	ug/l	98
10) 1,1-Dichloroethene	3.623	96	32203	27.044	ug/l	99
11) Methyl Iodide	3.828	142	22240	19.166	ug/l #	10
12) Methyl Acetate	4.175	43	97805	20.771	ug/l	96
13) Acrolein	3.505	56	14218	89.528	ug/l	100
14) Acrylonitrile	4.792	53	132457	91.262	ug/l	99
15) Acetone	3.693	58	54189	104.793	ug/l	92
16) Carbon Disulfide	3.922	76	42934	19.305	ug/l	97
17) Allyl chloride	4.169	41	57555	20.333	ug/l	92
18) Methylene Chloride	4.387	84	32532	18.318	ug/l	98
19) trans-1,2-Dichloroethene	6.637	96	35273	19.253	ug/l	98
20) Diisopropyl ether	5.750	45	137481	19.080	ug/l #	66
21) 1,1-Dichloroethane	5.638	63	63898	18.978	ug/l	99
22) cis-1,2-Dichloroethene	6.637	96	35273	19.253	ug/l	95
23) tert-Butyl Alcohol	4.610	59	57556	90.516	ug/l #	100
24) Methyl tert-Butyl Ether	4.851	73	133977	18.724	ug/l	97
25) Chloroform	7.207	83	60038	19.494	ug/l	99
26) Cyclohexane	7.506	56	41565	21.037	ug/l #	99
29) 1,1-Dichloropropene	7.659	75	35633	19.922	ug/l	96
30) 2-Butanone	6.643	43	195039m	88.468	ug/l	
31) 2,2-Dichloropropane	6.631	77	52667	20.112	ug/l	95
32) 1,1,1-Trichloroethane	7.418	97	45828m	20.337	ug/l	
33) Carbon Tetrachloride	7.636	117	32090m	22.226	ug/l	
34) Benzene	7.929	78	123960	18.707	ug/l #	81
35) Methacrylonitrile	6.995	41	34376	18.319	ug/l	97
36) 1,2-Dichloroethane	8.018	62	45873	18.674	ug/l	100
37) Trichloroethene	8.799	130	24439	20.047	ug/l	100
38) Methylcyclohexane	9.069	83	38257	21.240	ug/l	97
39) 1,2-Dichloropropane	9.110	63	31602m	18.209	ug/l	
40) Dibromomethane	9.216	93	19384	18.114	ug/l #	73
41) Bromodichloromethane	10.744	83	26372m	19.186	ug/l	
42) Vinyl Acetate	5.685	43	488352	90.285	ug/l	99

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Instrument :
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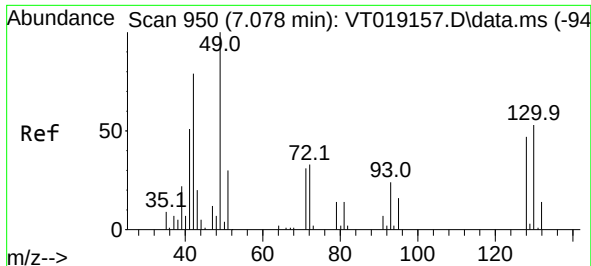
Manual Integrations
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Reviewed By :Amit Patel 10/30/2025
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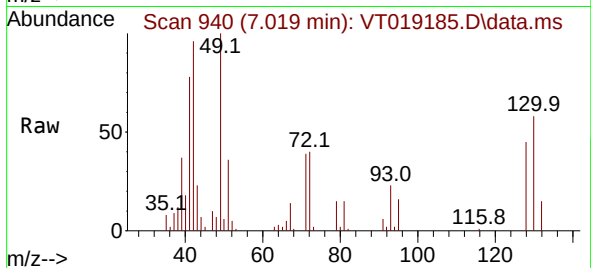
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.737	43	61824	17.059	ug/l	97
44) Isopropyl Acetate	8.070	43	104995	18.408	ug/l	97
45) 1,4-Dioxane	9.210	88	17453m	352.713	ug/l	
46) Methyl methacrylate	9.210	41	46864	18.376	ug/l	88
47) n-amyl Acetate	12.454	43	69024	17.983	ug/l	98
48) t-1,3-Dichloropropene	10.538	75	47041	18.861	ug/l	99
49) cis-1,3-Dichloropropene	9.921	75	48745	18.605	ug/l	97
50) 1,1,2-Trichloroethane	10.744	97	29485	18.733	ug/l	91
51) Ethyl methacrylate	10.591	69	54360	18.430	ug/l	93
52) 1,3-Dichloropropane	10.908	76	51074	18.168	ug/l	98
53) Dibromochloromethane	11.132	129	28786	19.606	ug/l #	1
54) 1,2-Dibromoethane	11.249	107	26814	18.317	ug/l	100
55) 2-Chloroethyl vinyl ether	9.763	63	74975	87.152	ug/l	99
56) Bromoform	12.530	173	19728	20.440	ug/l #	24
58) 4-Methyl-2-Pentanone	10.086	43	307230	91.802	ug/l	99
59) 2-Hexanone	10.086	43	307230	91.802	ug/l #	82
61) Tetrachloroethene	10.820	164	18086	20.938	ug/l	96
62) Toluene	10.280	91	119206	19.475	ug/l	100
64) Chlorobenzene	11.731	112	72451	19.378	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.819	131	24885	20.433	ug/l	91
66) Ethyl Benzene	11.825	91	132241	19.879	ug/l	100
67) m/p-Xylenes	11.948	106	97588	39.463	ug/l	98
68) o-Xylene	12.319	106	48252	18.904	ug/l	100
69) Styrene	12.336	104	87338	19.058	ug/l	97
70) Isopropylbenzene	12.665	105	130540	20.850	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.953	83	46894	19.089	ug/l	98
72) 1,2,3-Trichloropropane	13.012	75	38609m	21.292	ug/l	
73) Bromobenzene	12.982	156	28822	19.576	ug/l	67
74) n-propylbenzene	13.053	91	156499m	20.729	ug/l	
75) 2-Chlorotoluene	13.259	91	91896	19.883	ug/l	98
76) 1,3,5-Trimethylbenzene	13.212	105	107381	20.905	ug/l	97
77) t-1,4-Dichloro-2-butene	12.724	75	16547	18.780	ug/l	83
78) 4-Chlorotoluene	13.147	91	90161	19.776	ug/l	92
79) tert-butylbenzene	13.511	119	96641	21.184	ug/l	96
80) 1,2,4-Trimethylbenzene	13.564	105	106986	19.963	ug/l	99
81) sec-Butylbenzene	13.711	105	141059	21.459	ug/l	99
82) p-Isopropyltoluene	13.840	119	117025	21.400	ug/l	97
83) 1,3-Dichlorobenzene	13.840	146	57480m	19.907	ug/l	
84) 1,4-Dichlorobenzene	13.934	146	58702	20.193	ug/l	98
85) n-Butylbenzene	14.216	91	107239	21.427	ug/l	98
86) Hexachloroethane	14.522	117	18446	25.170	ug/l #	1
87) 1,2-Dichlorobenzene	14.269	146	57995	20.106	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.968	75	10808	20.026	ug/l	94
89) 1,2,4-Trichlorobenzene	15.750	180	36187	20.608	ug/l	97
90) Hexachlorobutadiene	15.867	225	13971	23.996	ug/l	82
91) Naphthalene	16.044	128	130929	19.291	ug/l	98
92) 1,2,3-Trichlorobenzene	16.273	180	36931	20.836	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.019 min Scan# 94
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

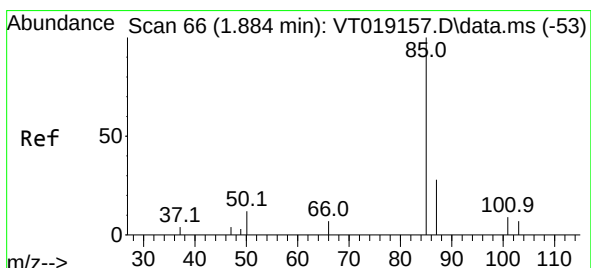
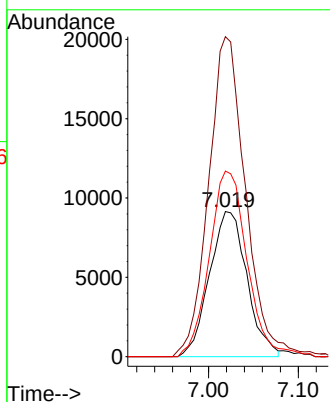
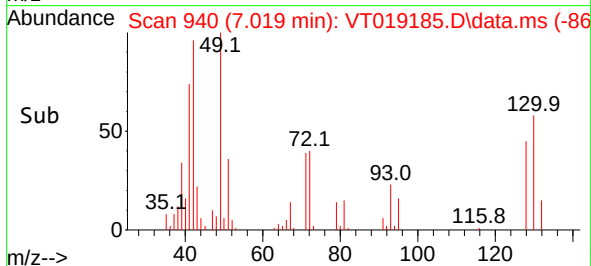
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



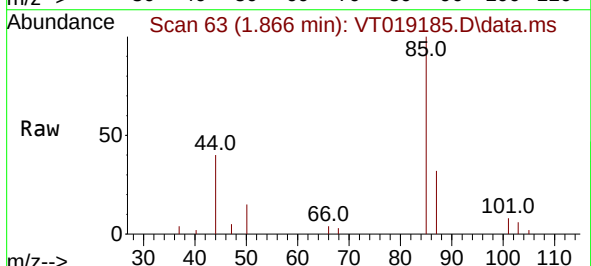
Tgt Ion:128 Resp: 2651
Ion Ratio Lower Upper
128 100
49 216.7 0.0 0.0
130 129.2 0.0 0.0

Manual Integrations
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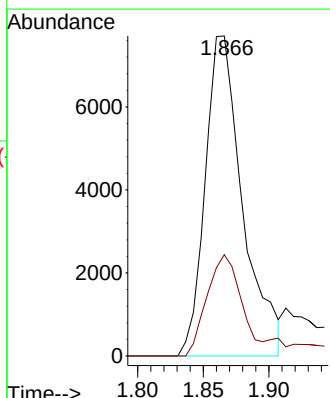
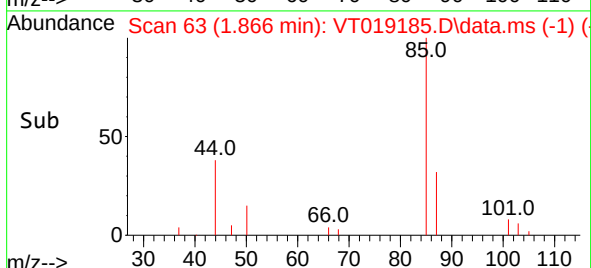
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

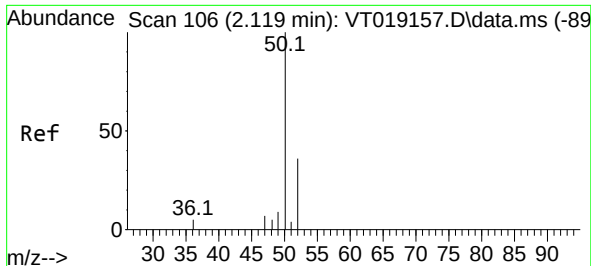


#2
Dichlorodifluoromethane
Concen: 21.056 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



Tgt Ion: 85 Resp: 15323
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





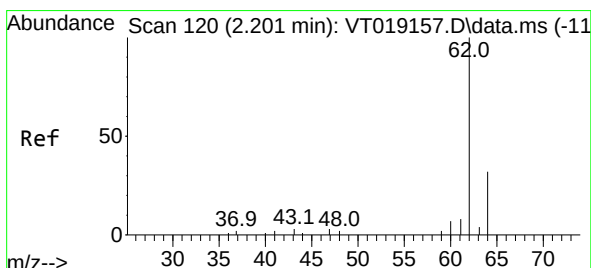
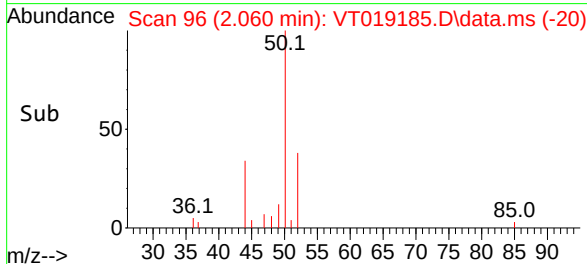
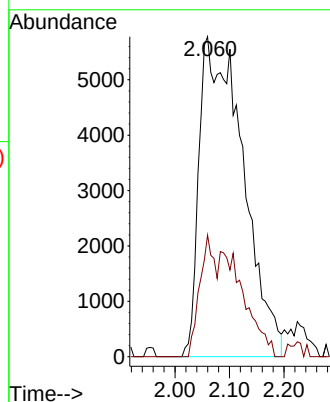
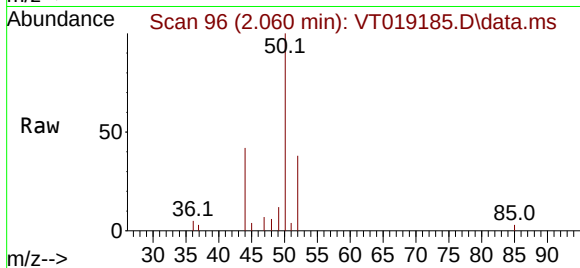
#3
Chloromethane
Concen: 19.168 ug/l m
RT: 2.060 min Scan# 90
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

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VT1027WBSD01

Tgt Ion: 50 Resp: 32019
Ion Ratio Lower Upper
50 100
52 38.0 24.4 36.6

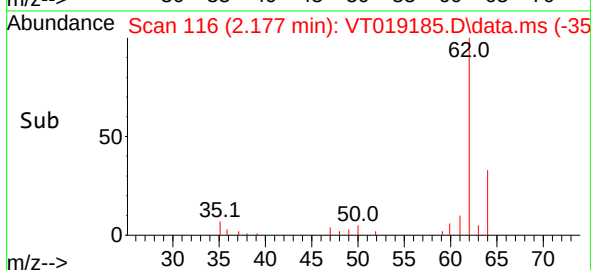
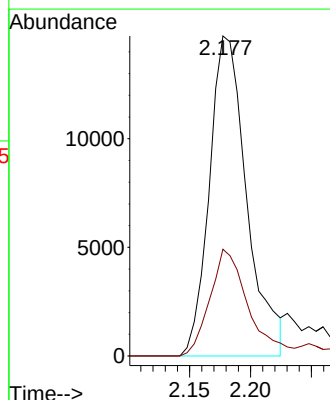
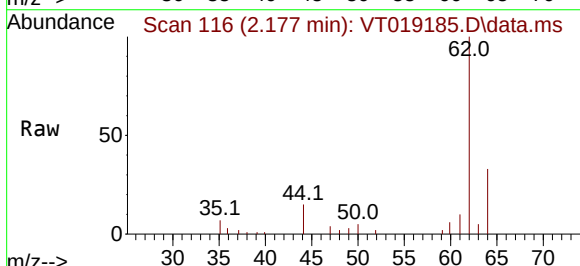
Manual Integrations
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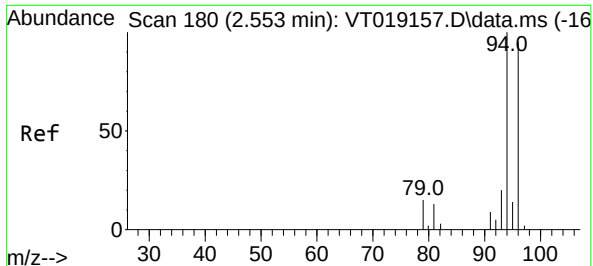
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 16.842 ug/l
RT: 2.177 min Scan# 116
Delta R.T. -0.024 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

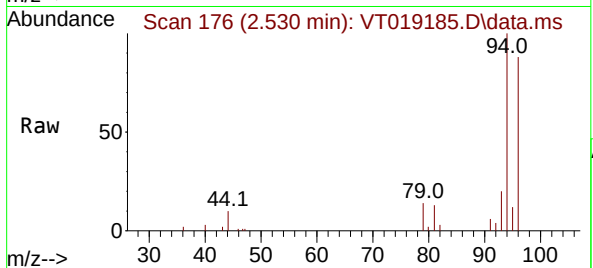
Tgt Ion: 62 Resp: 31443
Ion Ratio Lower Upper
62 100
64 33.4 25.7 38.5





#5
Bromomethane
Concen: 16.947 ug/l
RT: 2.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

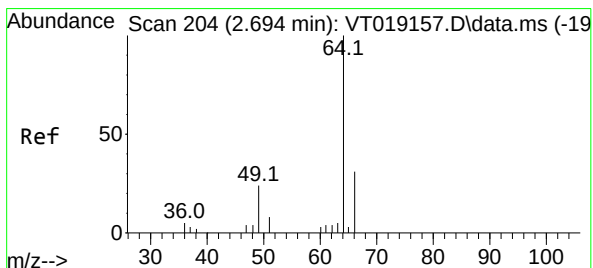
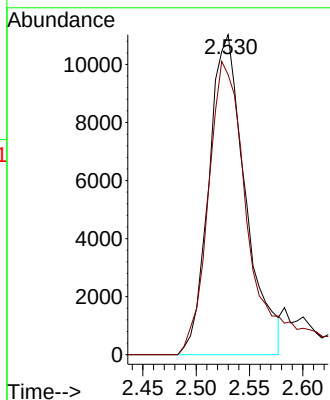
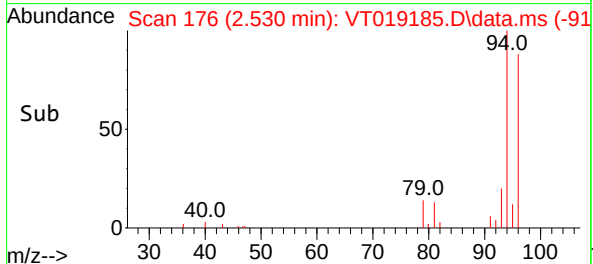
Instrument :
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ClientSampleId :
VT1027WBSD01



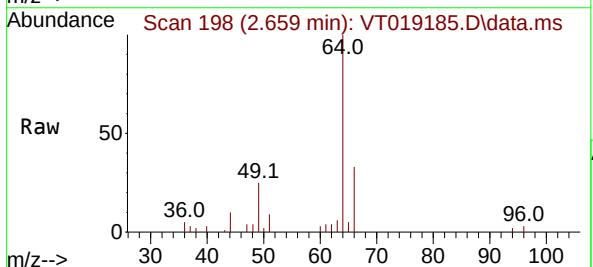
Tgt Ion: 94 Resp: 26275
Ion Ratio Lower Upper
94 100
96 87.5 66.0 99.0

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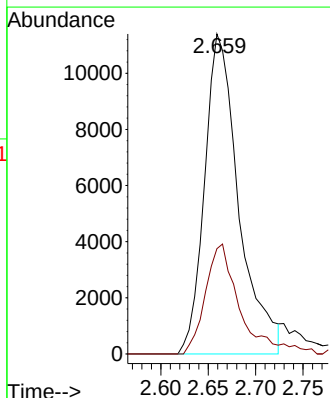
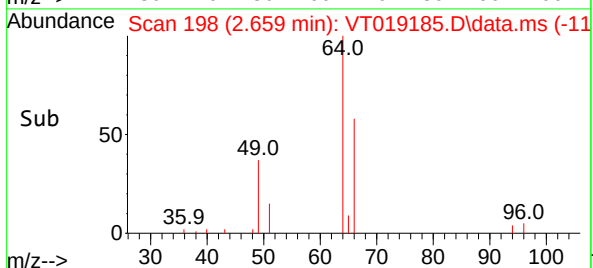
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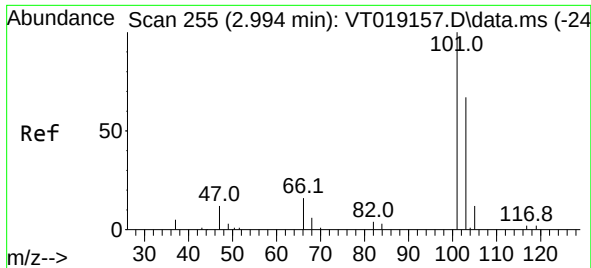


#6
Chloroethane
Concen: 17.366 ug/l
RT: 2.659 min Scan# 198
Delta R.T. -0.018 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



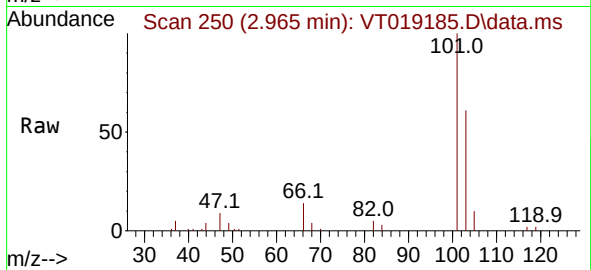
Tgt Ion: 64 Resp: 28593
Ion Ratio Lower Upper
64 100
66 32.9 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 19.587 ug/l
 RT: 2.965 min Scan# 210
 Delta R.T. -0.017 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

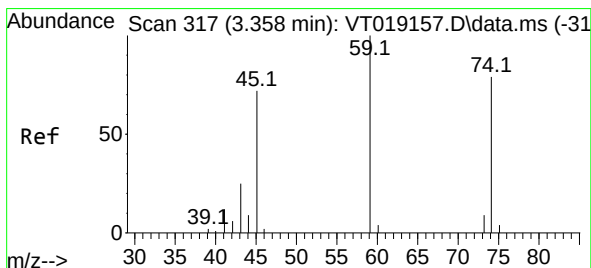
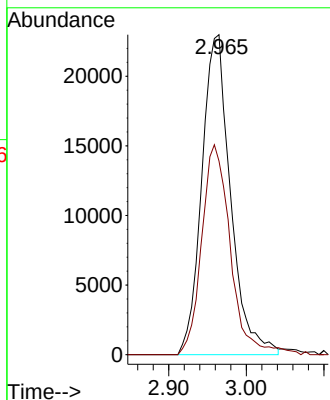
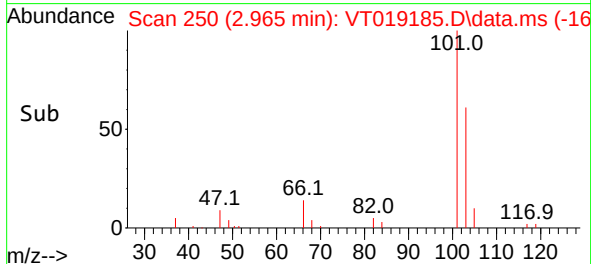
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Tgt Ion:101 Resp: 5930
 Ion Ratio Lower Upper
 101 100
 103 60.5 52.4 78.6

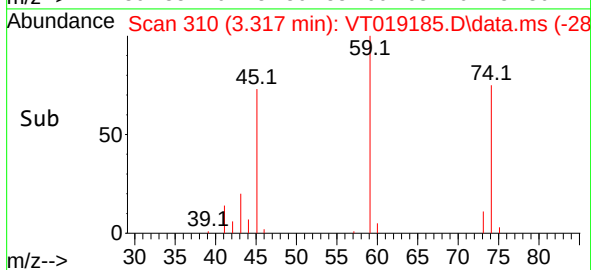
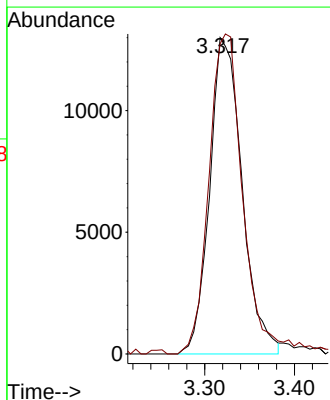
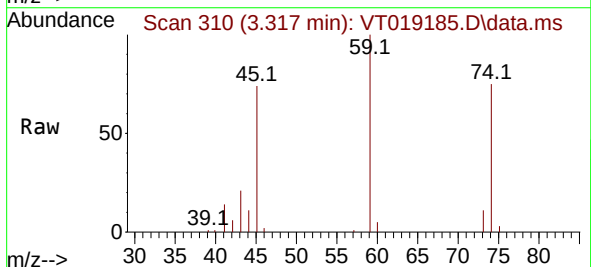
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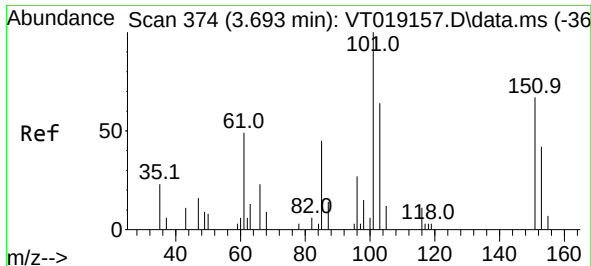
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#8
 Diethyl Ether
 Concen: 17.471 ug/l
 RT: 3.317 min Scan# 310
 Delta R.T. -0.041 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

Tgt Ion: 74 Resp: 32567
 Ion Ratio Lower Upper
 74 100
 45 104.1 22.0 197.6





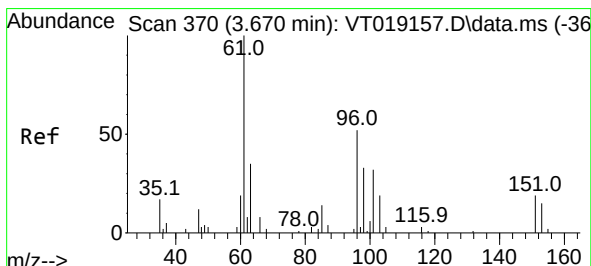
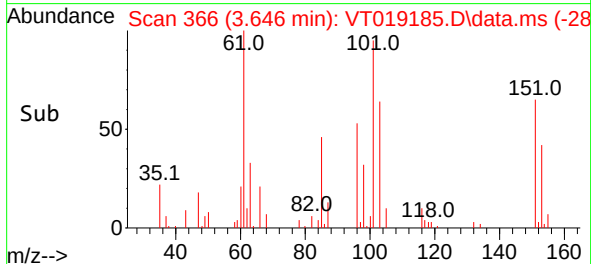
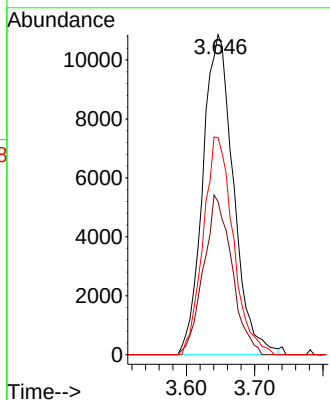
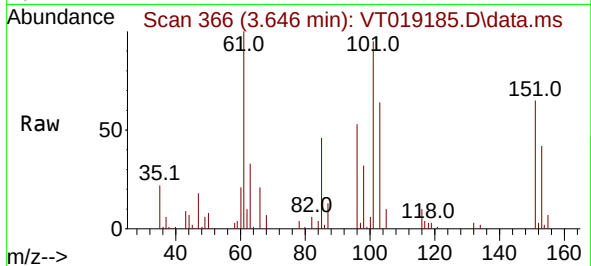
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 28.552 ug/l
 RT: 3.646 min Scan# 30
 Delta R.T. -0.036 min
 Lab File: VT019185.D
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Instrument :
 MSVOA_T
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 VT1027WBSD01

Tgt Ion:101 Resp: 33939
 Ion Ratio Lower Upper
 101 100
 85 46.1 0.0 91.8
 151 66.5 0.0 137.2

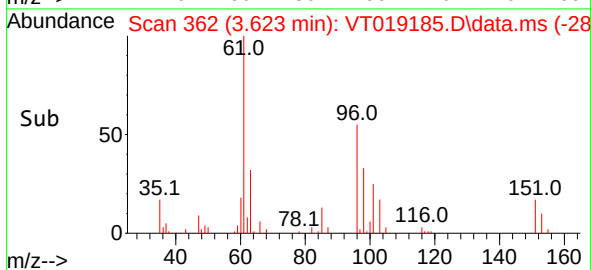
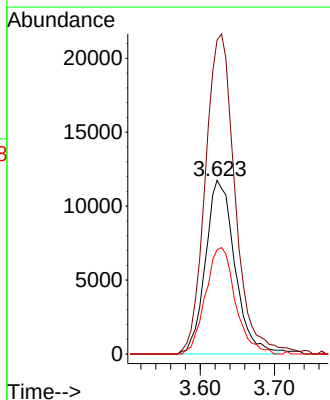
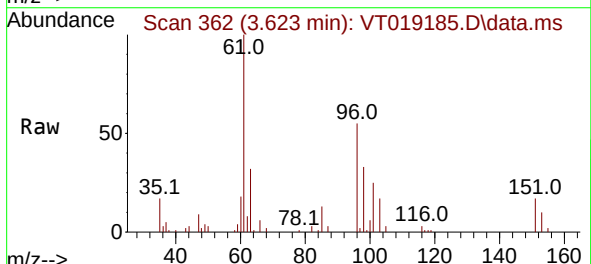
Manual Integrations
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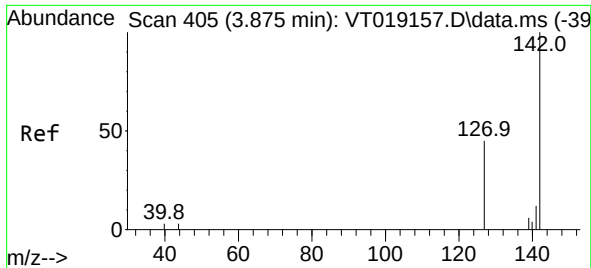
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#10
 1,1-Dichloroethene
 Concen: 27.044 ug/l
 RT: 3.623 min Scan# 362
 Delta R.T. -0.047 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

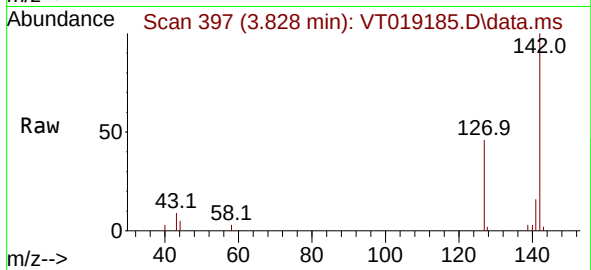
Tgt Ion: 96 Resp: 32203
 Ion Ratio Lower Upper
 96 100
 61 180.9 145.5 218.3
 98 60.0 49.5 74.3





#11
Methyl Iodide
Concen: 19.166 ug/l
RT: 3.828 min Scan# 397
Delta R.T. -0.042 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

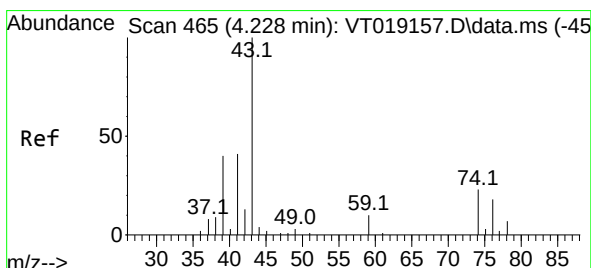
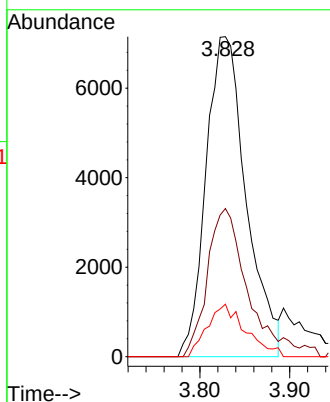
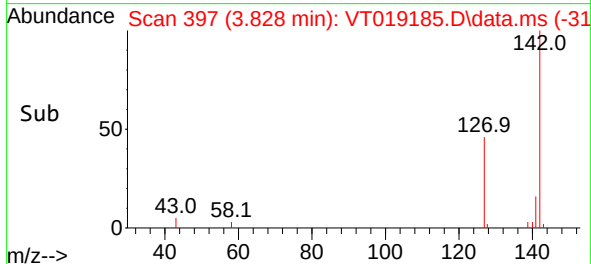
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



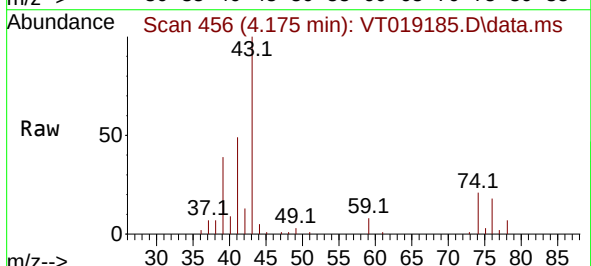
Tgt Ion:142 Resp: 22240
Ion Ratio Lower Upper
142 100
127 48.9 0.9 2.8
141 15.9 55.5 166.5

Manual Integrations
APPROVED

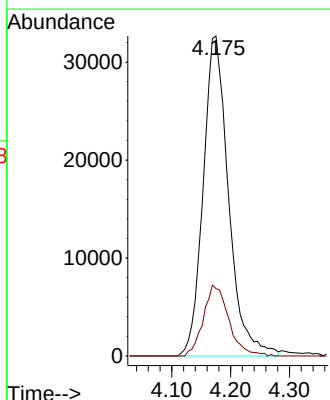
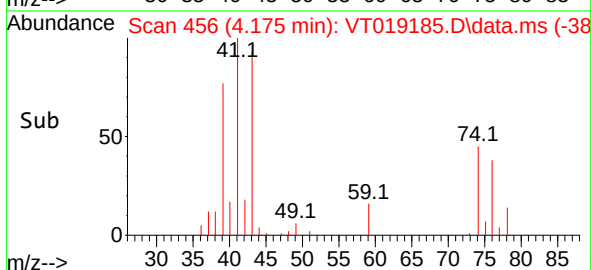
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

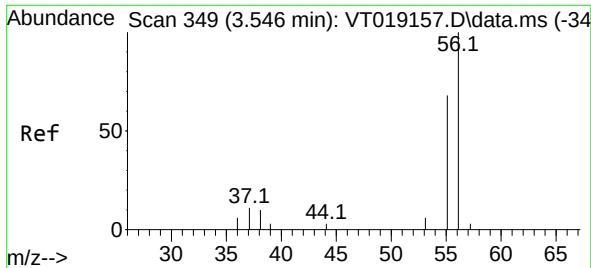


#12
Methyl Acetate
Concen: 20.771 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



Tgt Ion: 43 Resp: 97805
Ion Ratio Lower Upper
43 100
74 21.2 18.4 27.6





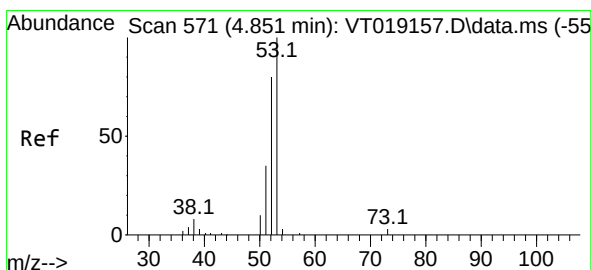
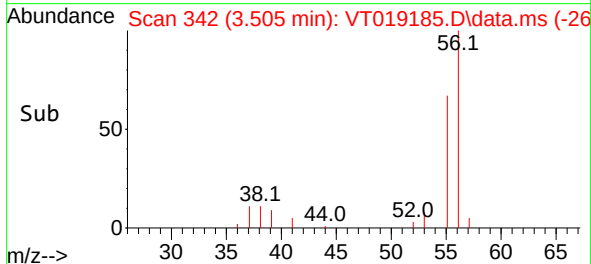
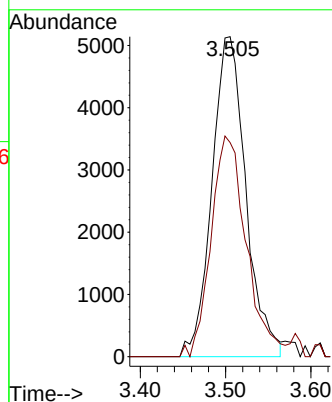
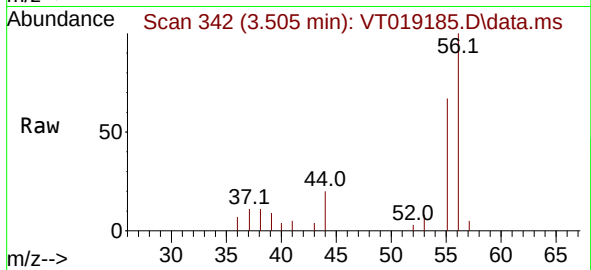
#13
Acrolein
Concen: 89.528 ug/l
RT: 3.505 min Scan# 349
Delta R.T. -0.041 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 56 Resp: 14218
Ion Ratio Lower Upper
56 100
55 71.1 56.8 85.2

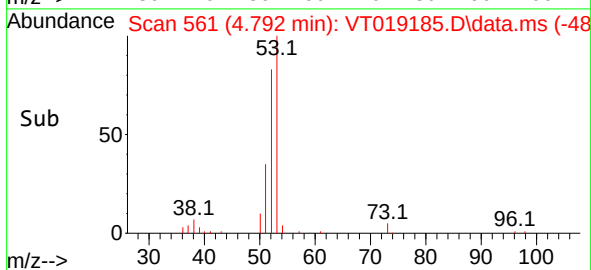
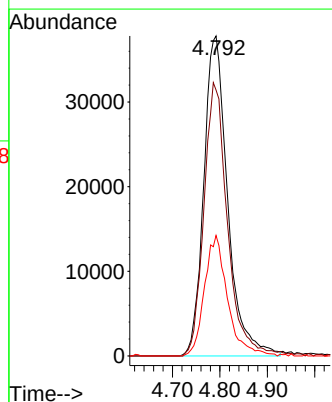
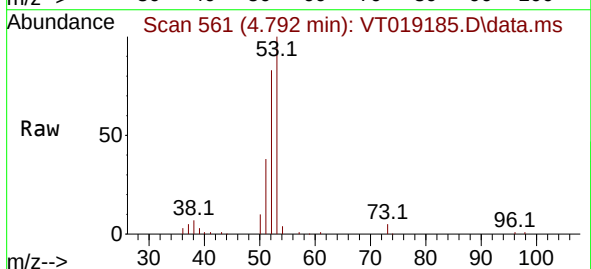
Manual Integrations
APPROVED

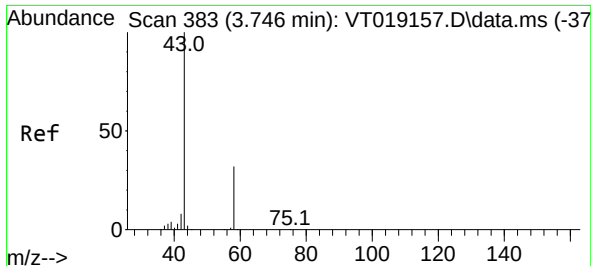
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Acrylonitrile
Concen: 91.262 ug/l
RT: 4.792 min Scan# 561
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 53 Resp: 132457
Ion Ratio Lower Upper
53 100
52 82.6 41.3 123.7
51 35.6 17.2 51.5





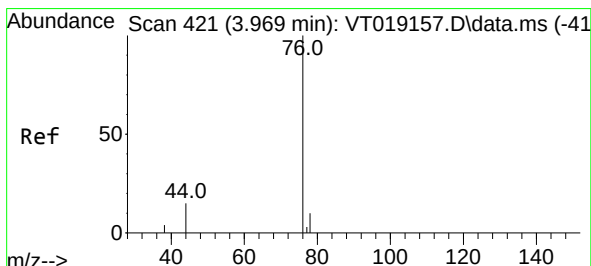
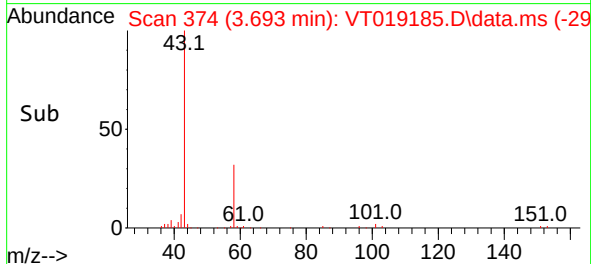
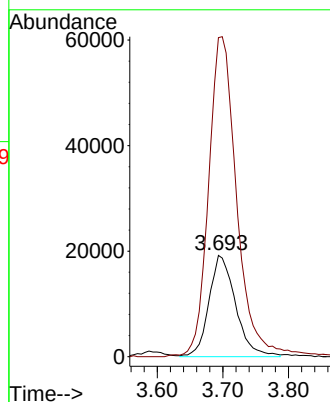
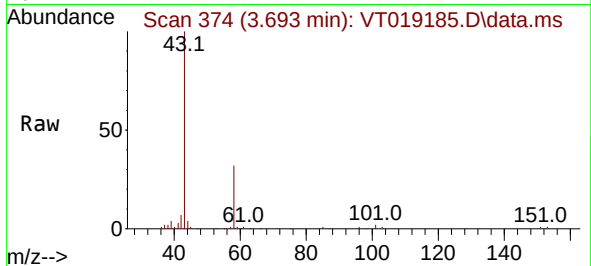
#15
Acetone
Concen: 104.793 ug/l
RT: 3.693 min Scan# 31
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 58 Resp: 54189
Ion Ratio Lower Upper
58 100
43 316.4 266.9 400.3

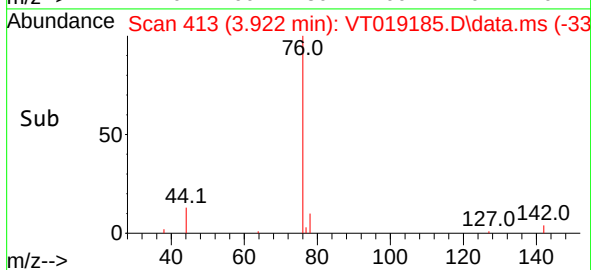
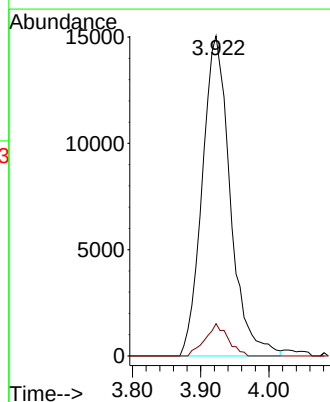
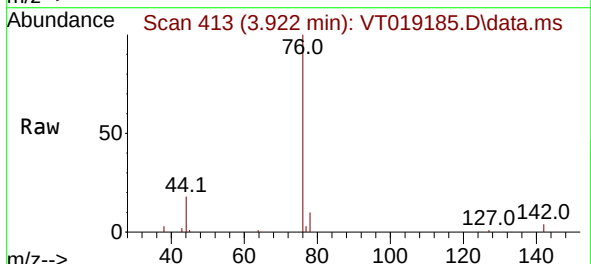
Manual Integrations
APPROVED

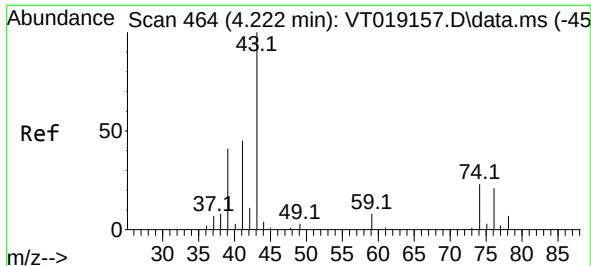
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#16
Carbon Disulfide
Concen: 19.305 ug/l
RT: 3.922 min Scan# 413
Delta R.T. -0.042 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 76 Resp: 42934
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7





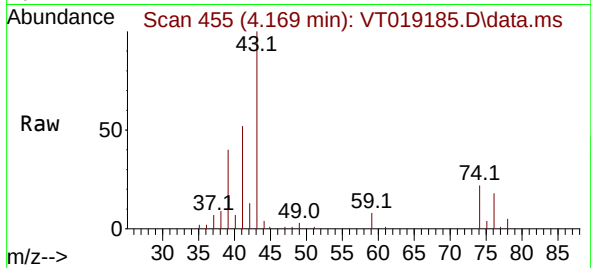
#17
 Allyl chloride
 Concen: 20.333 ug/l
 RT: 4.169 min Scan# 41
 Delta R.T. -0.053 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01



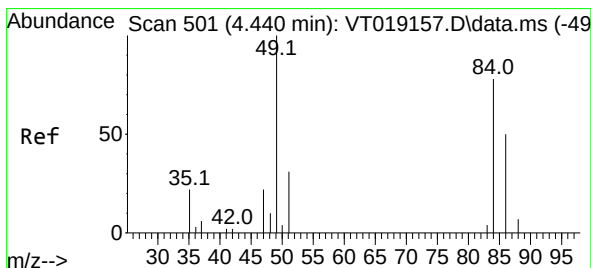
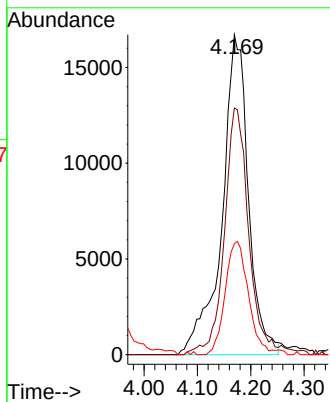
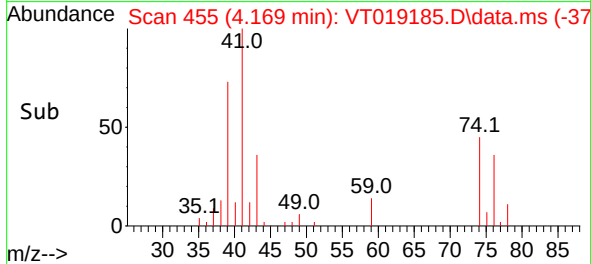
Tgt Ion: 41 Resp: 5755
 Ion Ratio Lower Upper
 41 100
 39 77.1 34.3 102.8
 76 34.6 16.7 50.0

Manual Integrations

APPROVED

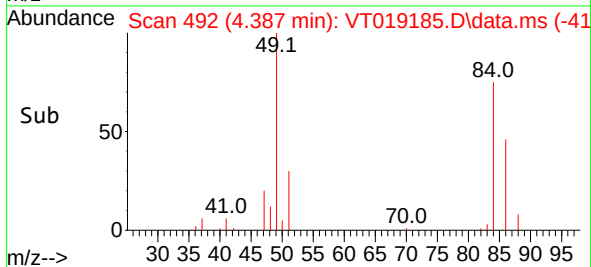
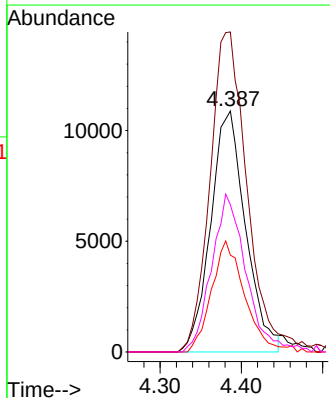
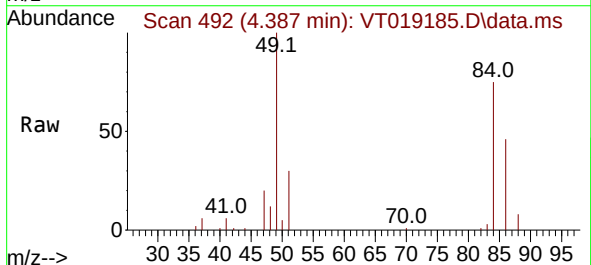
Reviewed By :Amit Patel 10/30/2025

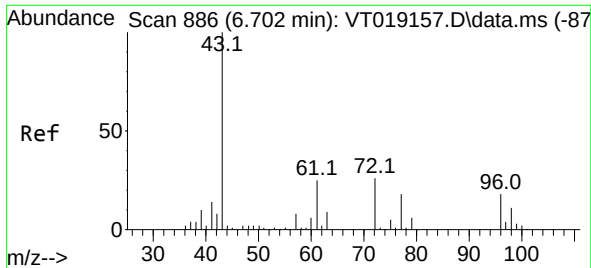
Supervised By :Mahesh Dadoda 10/30/2025



#18
 Methylene Chloride
 Concen: 18.318 ug/l
 RT: 4.387 min Scan# 492
 Delta R.T. -0.041 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

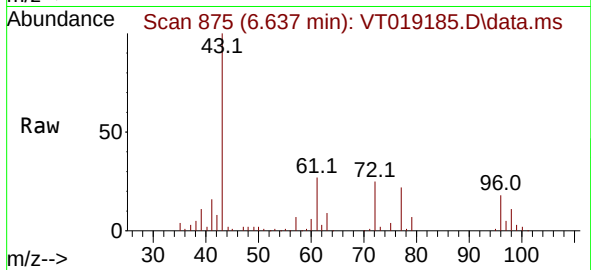
Tgt Ion: 84 Resp: 32532
 Ion Ratio Lower Upper
 84 100
 49 132.8 107.9 161.9
 51 40.2 33.4 50.2
 86 61.1 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 19.253 ug/l
RT: 6.637 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

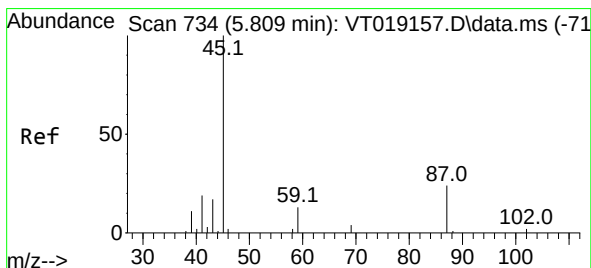
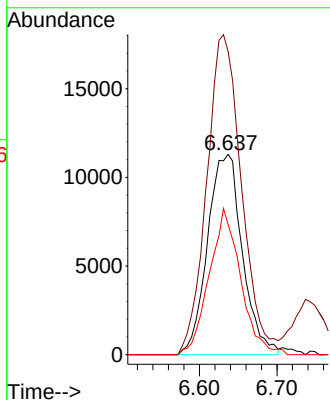
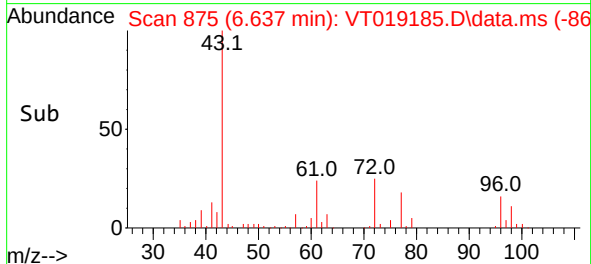
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 96 Resp: 3527
Ion Ratio Lower Upper
96 100
61 151.4 122.3 183.5
98 64.9 50.2 75.2

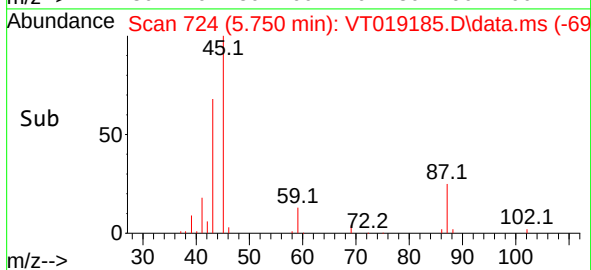
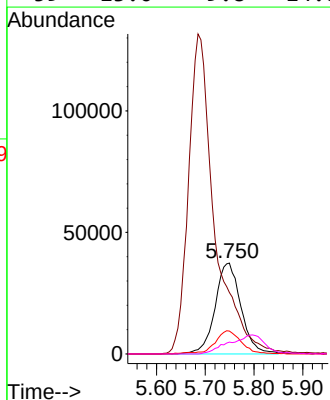
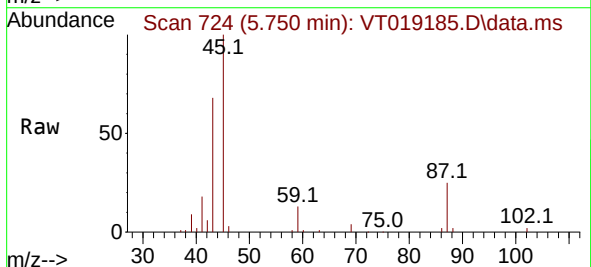
Manual Integrations
APPROVED

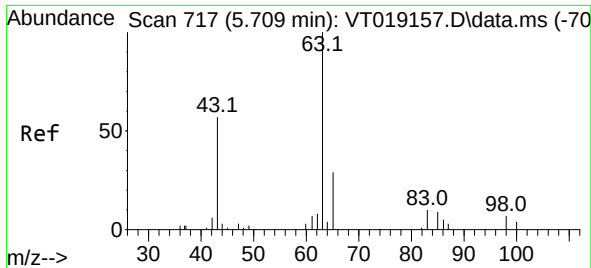
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Diisopropyl ether
Concen: 19.080 ug/l
RT: 5.750 min Scan# 724
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

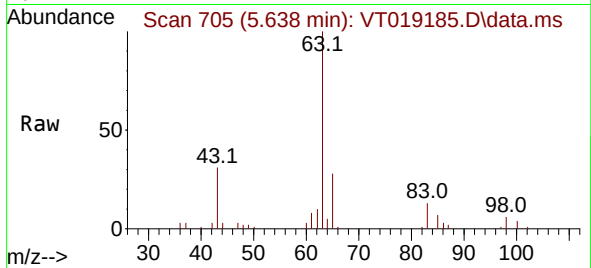
Tgt Ion: 45 Resp: 137481
Ion Ratio Lower Upper
45 100
43 64.0 89.1 133.7#
87 24.7 21.3 31.9
59 13.0 9.8 14.8





#21
1,1-Dichloroethane
Concen: 18.978 ug/l
RT: 5.638 min Scan# 705
Delta R.T. -0.071 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

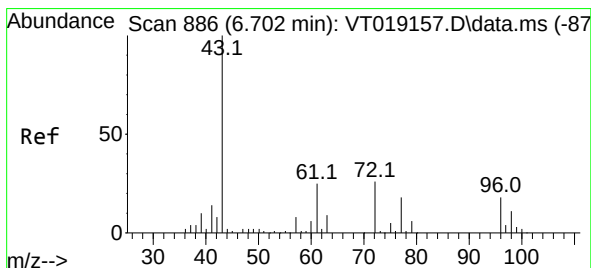
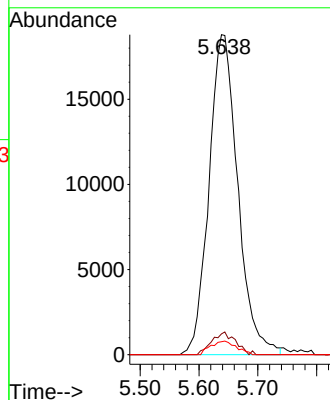
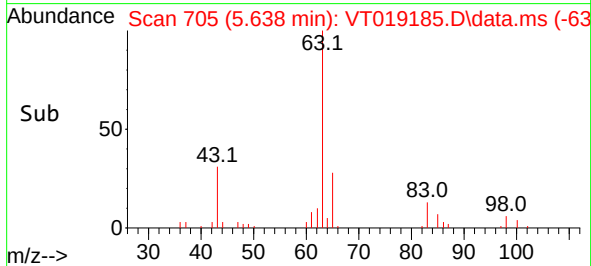
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 63 Resp: 6389
Ion Ratio Lower Upper
63 100
98 6.5 3.5 10.5
100 4.1 2.2 6.6

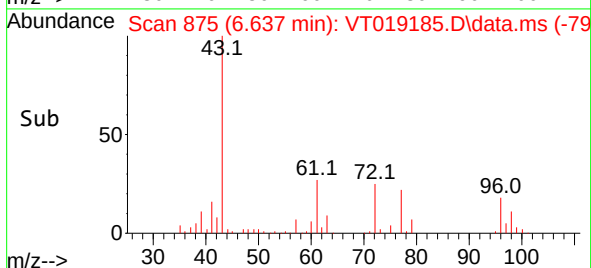
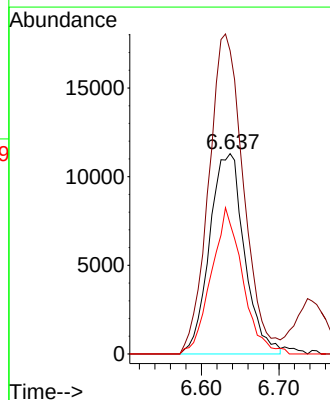
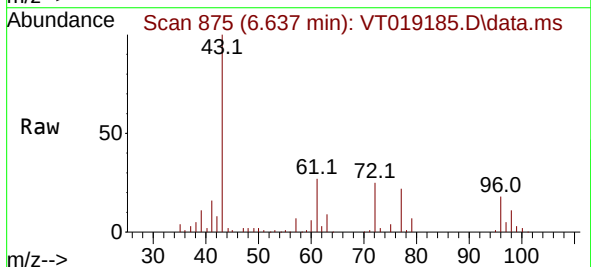
Manual Integrations
APPROVED

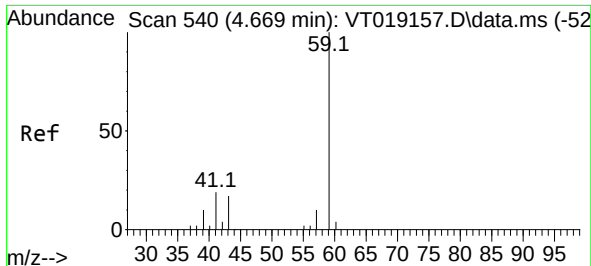
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
cis-1,2-Dichloroethene
Concen: 19.253 ug/l
RT: 6.637 min Scan# 875
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 96 Resp: 35273
Ion Ratio Lower Upper
96 100
61 159.4 120.0 180.0
98 65.2 52.8 79.2





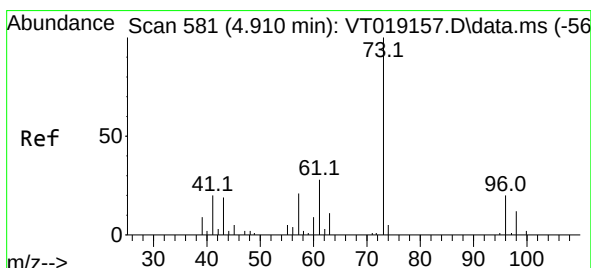
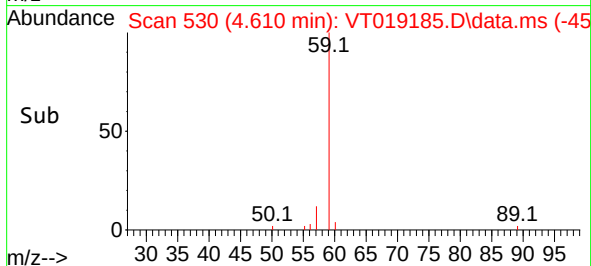
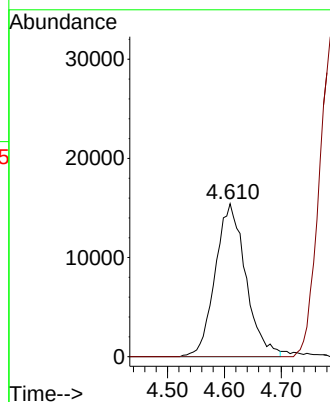
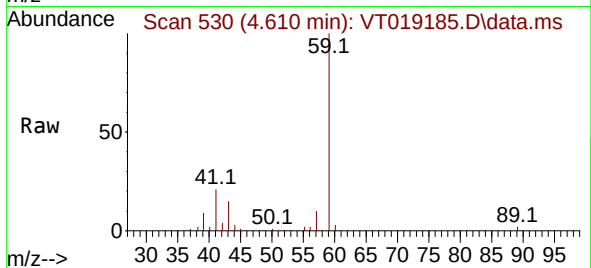
#23
tert-Butyl Alcohol
Concen: 90.516 ug/l
RT: 4.610 min Scan# 51
Delta R.T. -0.065 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 59 Resp: 57550
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

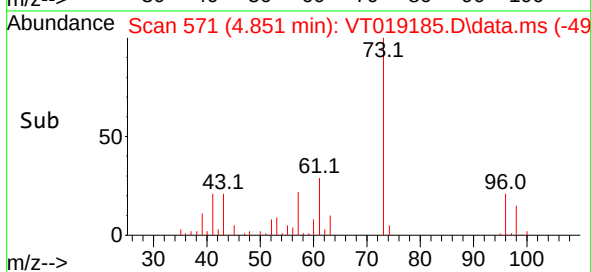
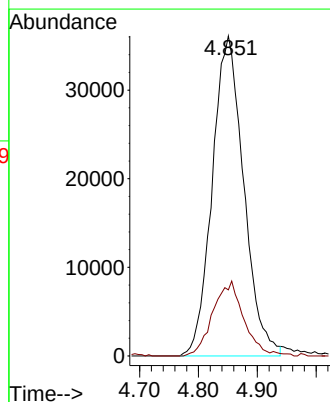
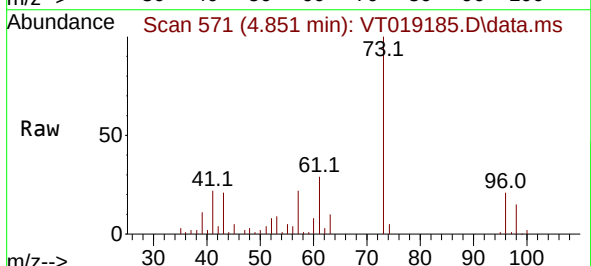
Manual Integrations
APPROVED

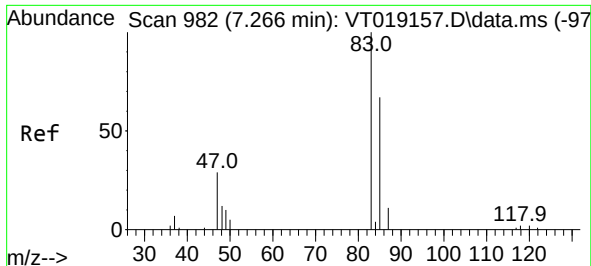
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#24
Methyl tert-Butyl Ether
Concen: 18.724 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.070 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 73 Resp: 133977
Ion Ratio Lower Upper
73 100
43 22.6 16.9 25.3





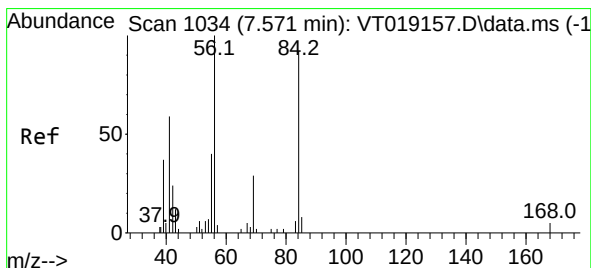
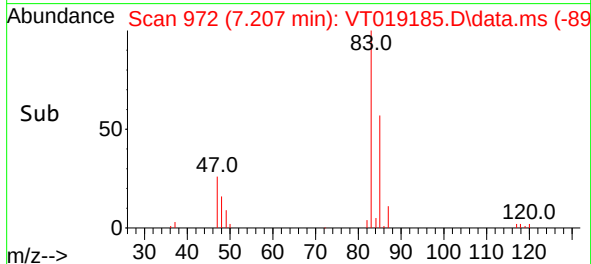
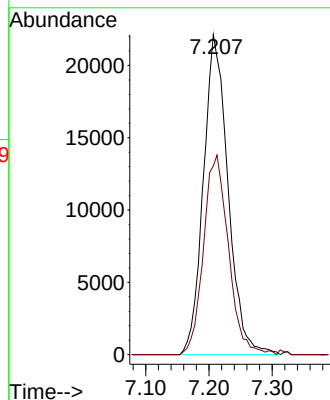
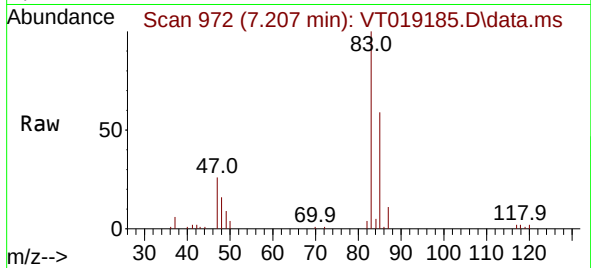
#25
Chloroform
Concen: 19.494 ug/l
RT: 7.207 min Scan# 91
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 83 Resp: 60038
Ion Ratio Lower Upper
83 100
85 59.0 48.0 72.0

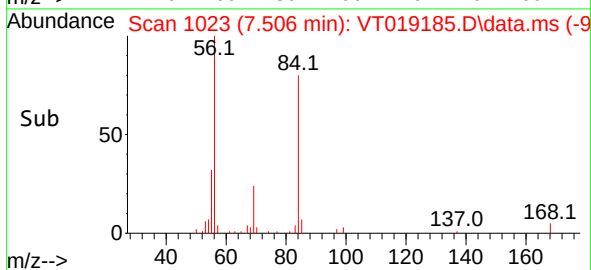
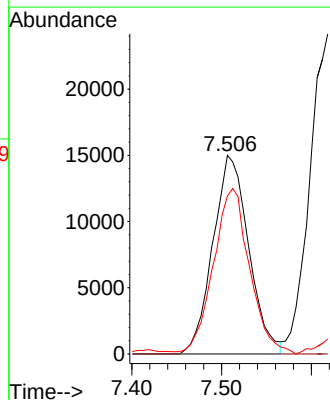
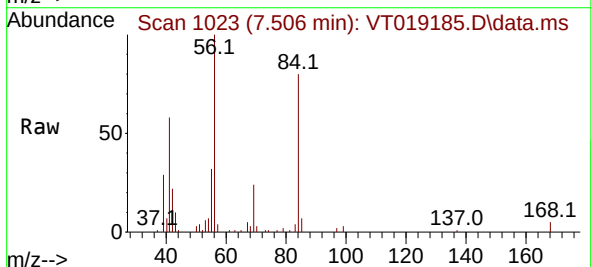
Manual Integrations
APPROVED

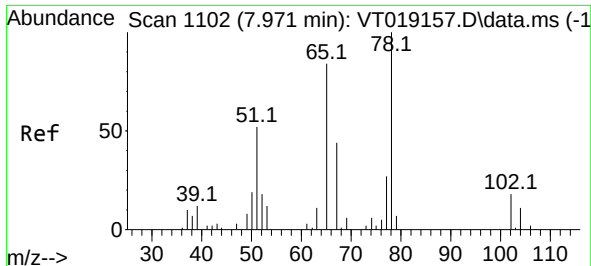
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
Cyclohexane
Concen: 21.037 ug/l
RT: 7.506 min Scan# 1023
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 56 Resp: 41565
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.3 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.508 ug/l

RT: 7.912 min Scan# 1102

Delta R.T. -0.059 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

Tgt Ion: 65 Resp: 70875

Ion Ratio Lower Upper

65 100

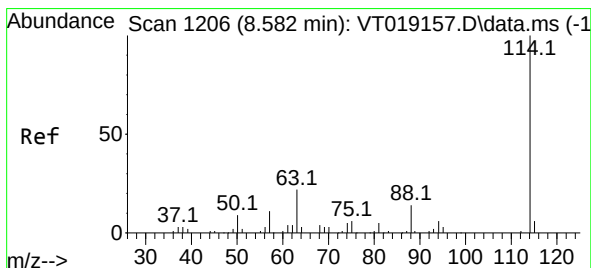
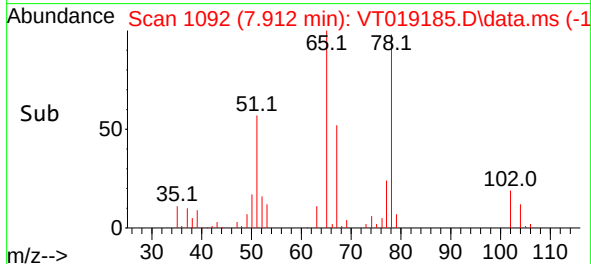
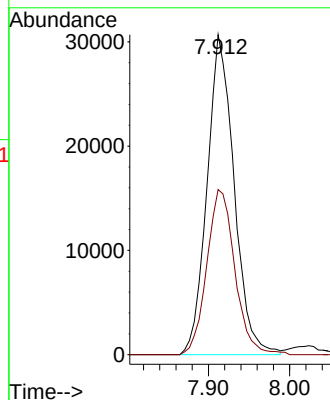
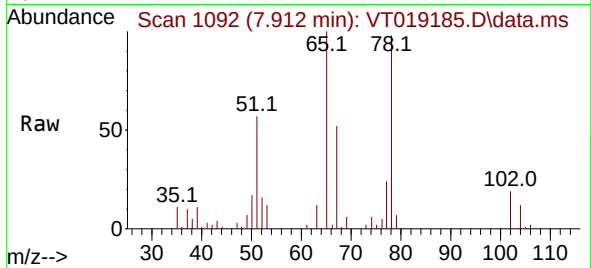
67 53.6 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

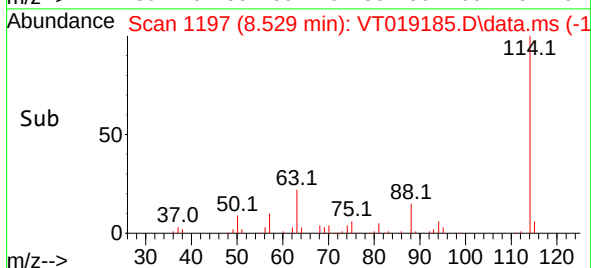
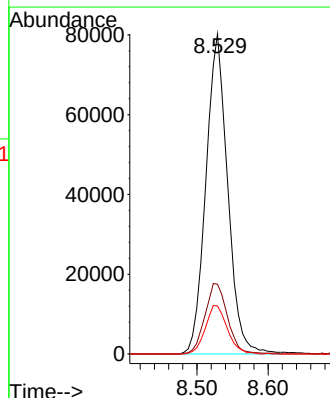
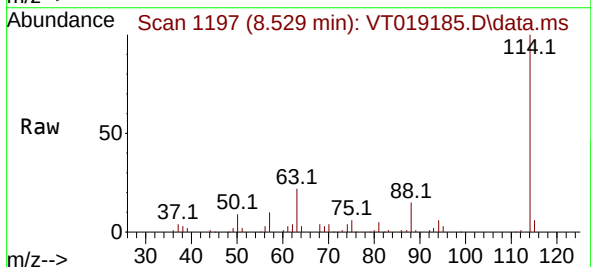
Tgt Ion:114 Resp: 170930

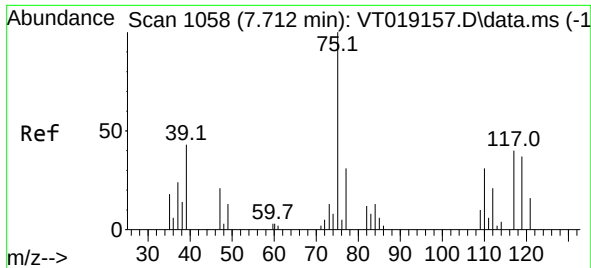
Ion Ratio Lower Upper

114 100

63 22.8 17.4 26.0

88 15.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.922 ug/l

RT: 7.659 min Scan# 1049

Delta R.T. -0.053 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

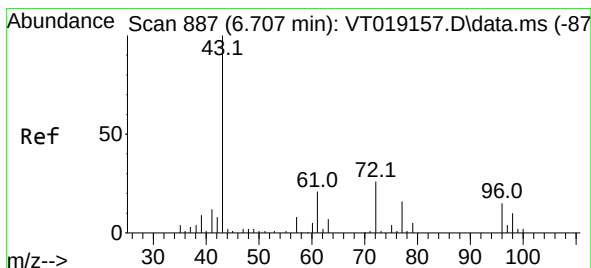
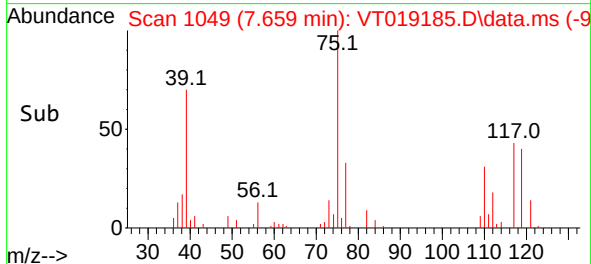
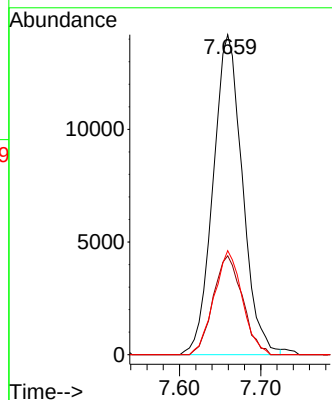
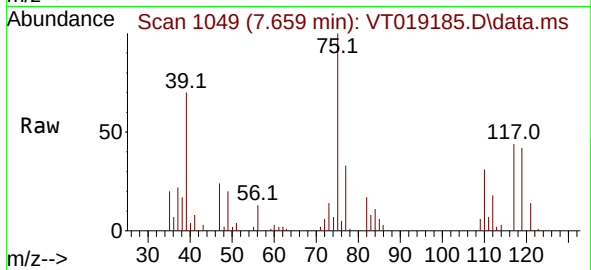
Tgt Ion: 75	Resp: 3563
Ion Ratio	Lower Upper
75 100	
110 31.0	0.0 70.8
77 31.2	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#30

2-Butanone

Concen: 88.468 ug/l m

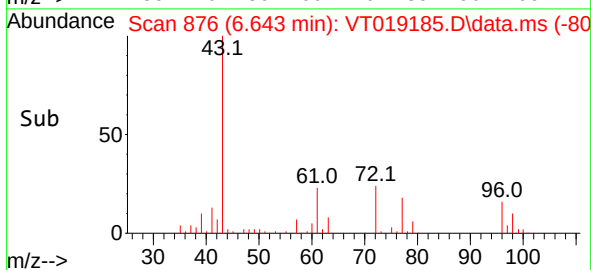
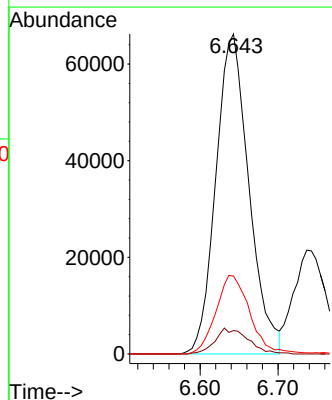
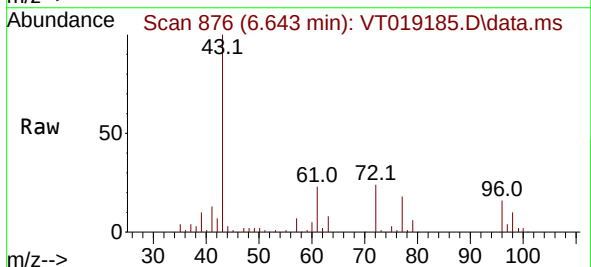
RT: 6.643 min Scan# 876

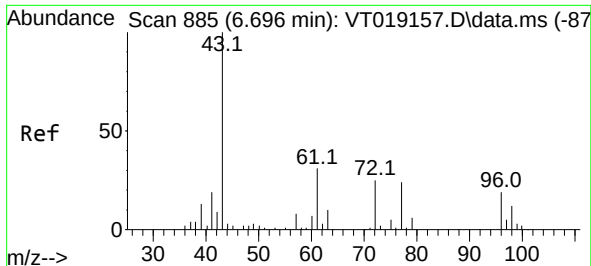
Delta R.T. -0.059 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

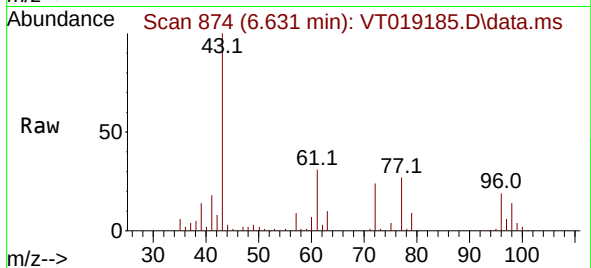
Tgt Ion: 43	Resp: 195039
Ion Ratio	Lower Upper
43 100	
57 0.0	5.9 8.9#
72 0.2	20.2 30.2#





#31
2,2-Dichloropropane
Concen: 20.112 ug/l
RT: 6.631 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

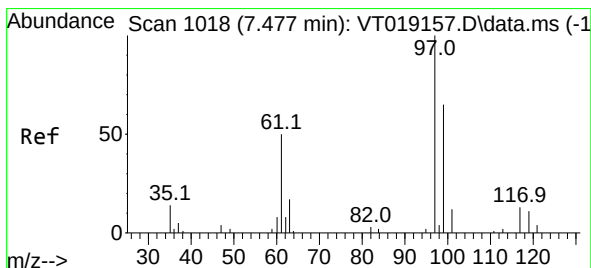
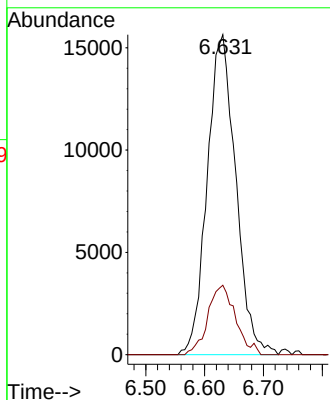
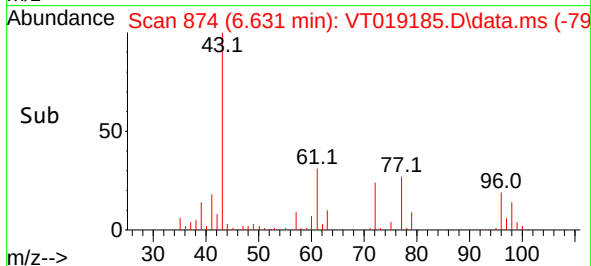
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 77 Resp: 5266
Ion Ratio Lower Upper
77 100
97 20.5 14.5 21.7

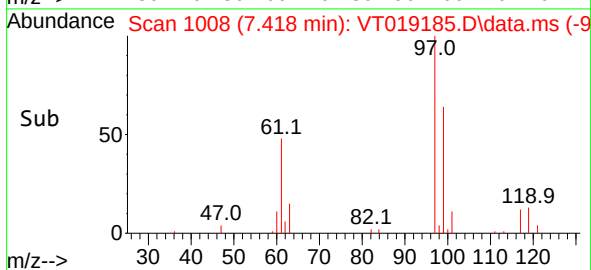
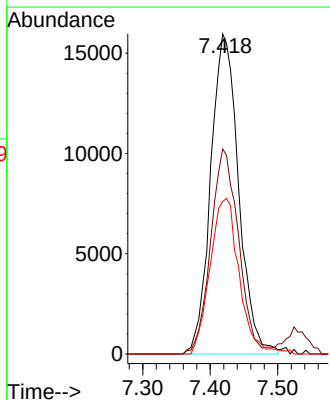
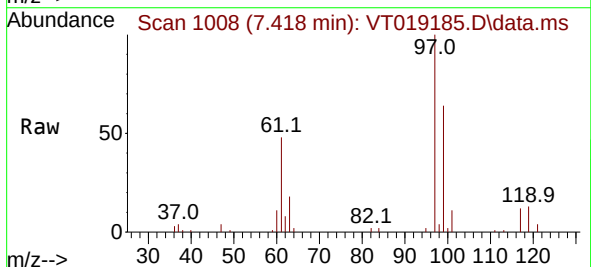
Manual Integrations
APPROVED

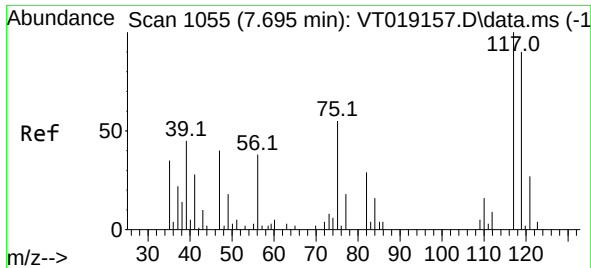
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#32
1,1,1-Trichloroethane
Concen: 20.337 ug/l m
RT: 7.418 min Scan# 1008
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

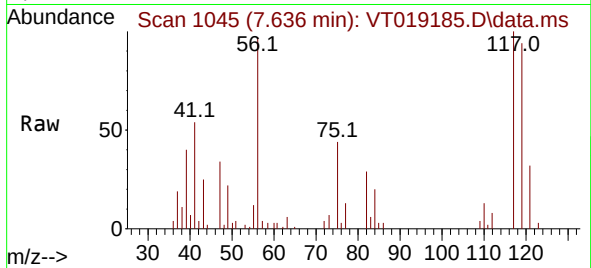
Tgt Ion: 97 Resp: 45828
Ion Ratio Lower Upper
97 100
99 0.8 30.0 45.0#
61 0.0 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 22.226 ug/l m
RT: 7.636 min Scan# 1095
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

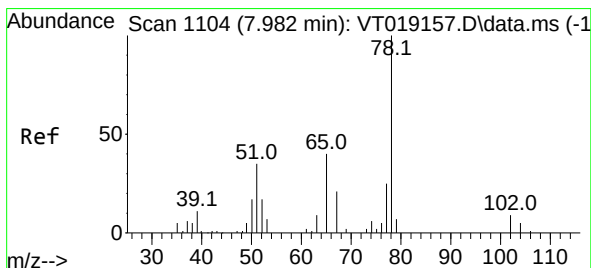
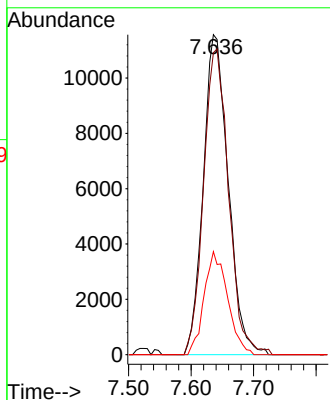
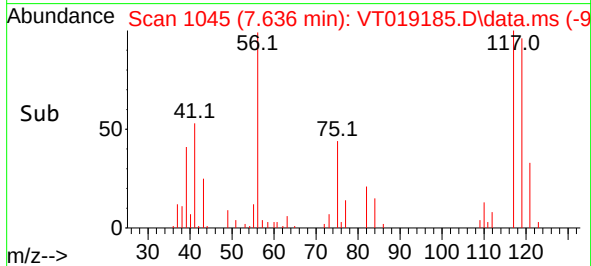
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



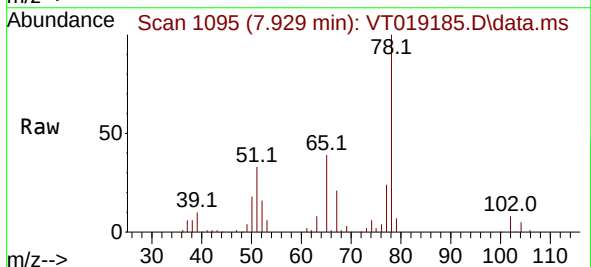
Tgt Ion:117 Resp: 32090
Ion Ratio Lower Upper
117 100
119 94.3 76.5 114.7
121 32.2 0.5 0.7

Manual Integrations
APPROVED

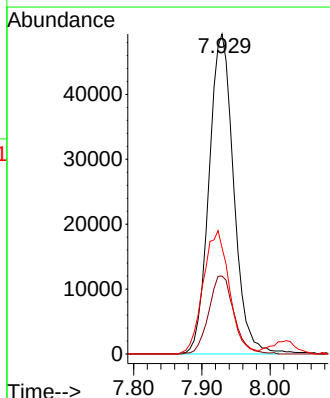
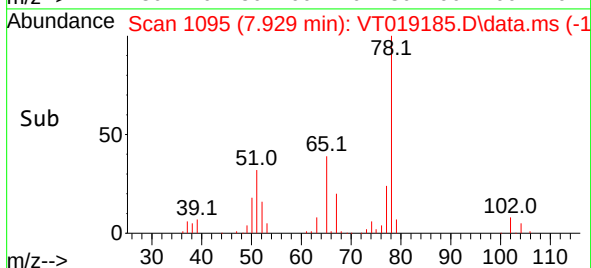
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

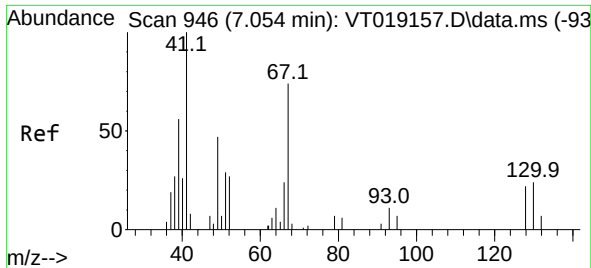


#34
Benzene
Concen: 18.707 ug/l
RT: 7.929 min Scan# 1095
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



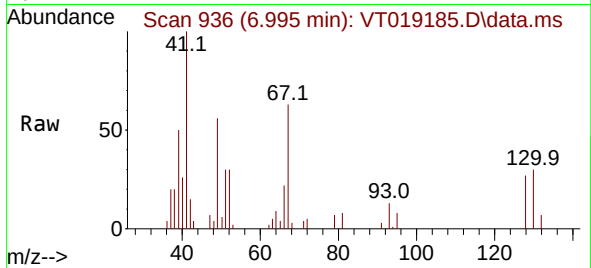
Tgt Ion: 78 Resp: 123960
Ion Ratio Lower Upper
78 100
77 24.4 17.6 26.4
51 33.1 13.8 20.6





#35
Methacrylonitrile
Concen: 18.319 ug/l
RT: 6.995 min Scan# 911
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

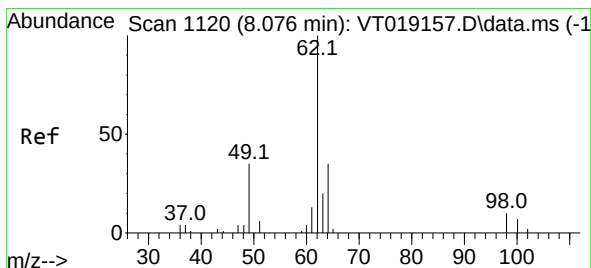
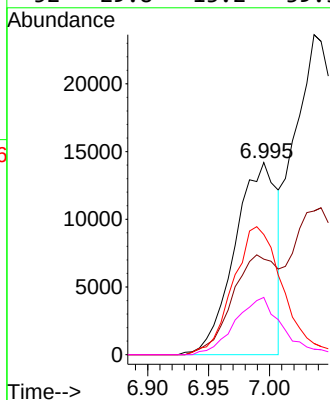
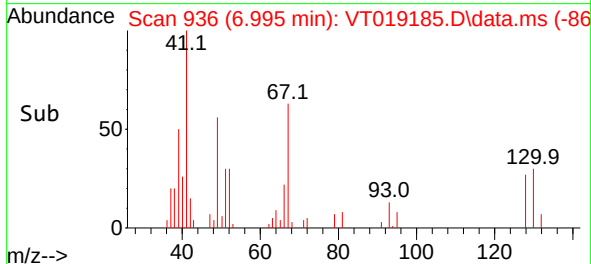
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 41 Resp: 34370
Ion Ratio Lower Upper
41 100
39 49.7 26.2 78.5
67 62.6 31.4 94.3
52 29.8 13.2 39.5

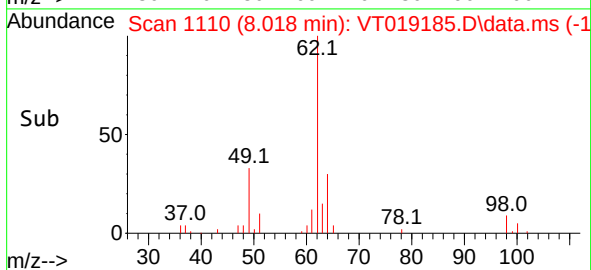
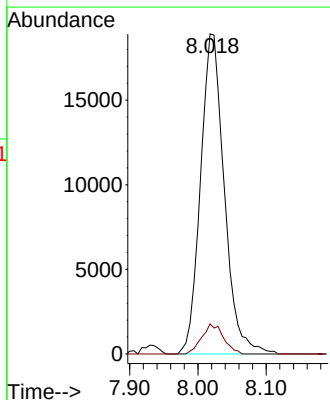
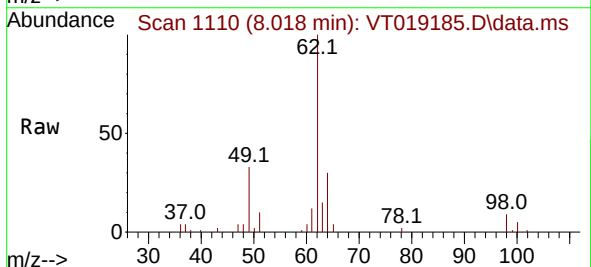
Manual Integrations
APPROVED

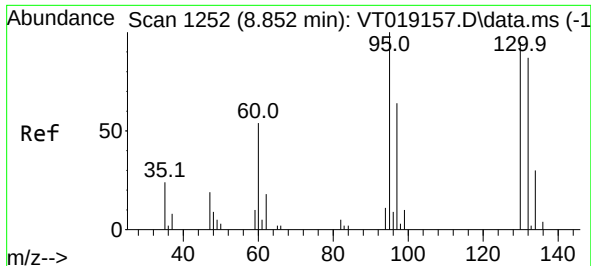
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,2-Dichloroethane
Concen: 18.674 ug/l
RT: 8.018 min Scan# 1110
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

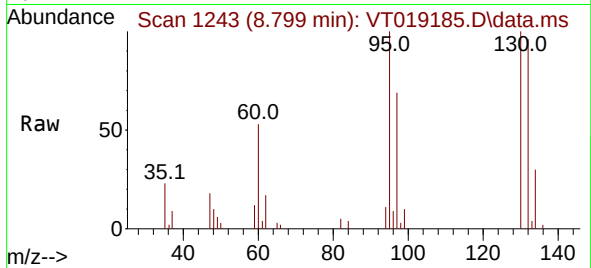
Tgt Ion: 62 Resp: 45873
Ion Ratio Lower Upper
62 100
98 8.6 6.7 10.1





#37
Trichloroethene
Concen: 20.047 ug/l
RT: 8.799 min Scan# 1243
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

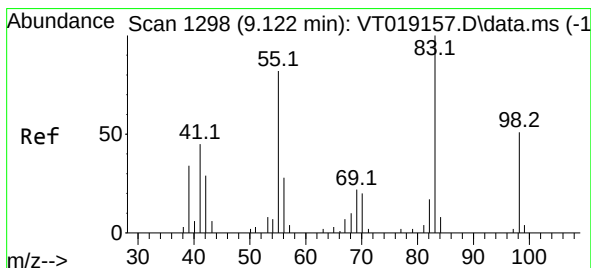
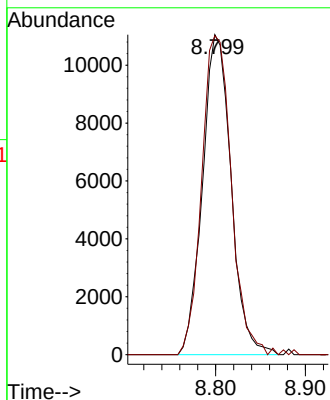
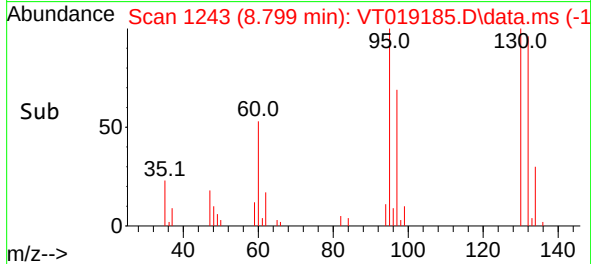
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion:130 Resp: 24439
Ion Ratio Lower Upper
130 100
95 99.7 79.4 119.2

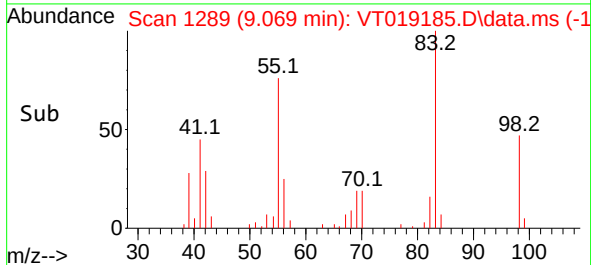
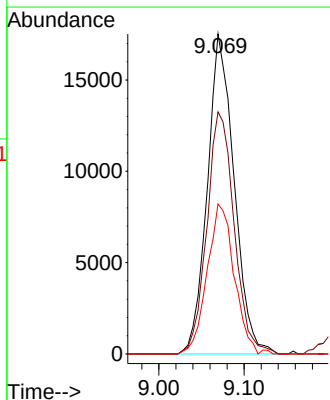
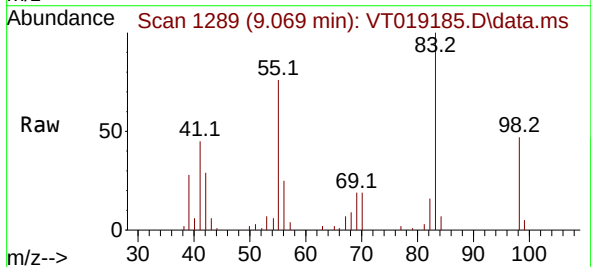
Manual Integrations
APPROVED

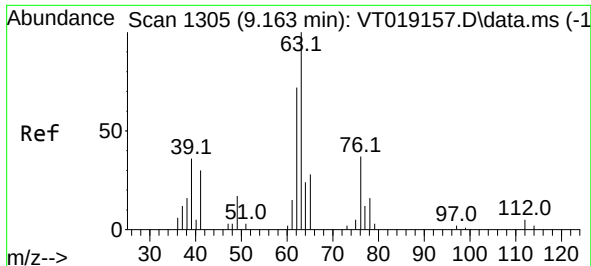
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#38
Methylcyclohexane
Concen: 21.240 ug/l
RT: 9.069 min Scan# 1289
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

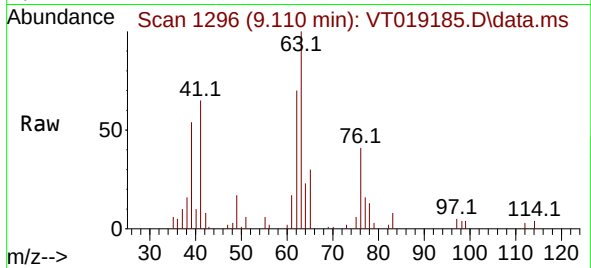
Tgt Ion: 83 Resp: 38257
Ion Ratio Lower Upper
83 100
55 77.2 40.3 120.8
98 47.2 24.3 72.9





#39
1,2-Dichloropropane
Concen: 18.209 ug/l m
RT: 9.110 min Scan# 1314
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

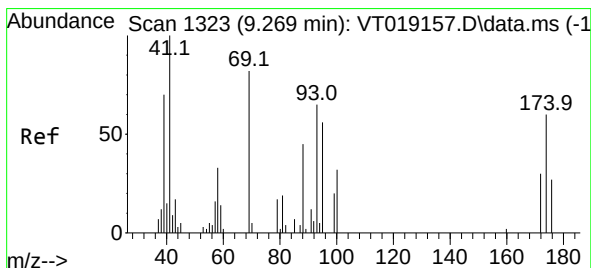
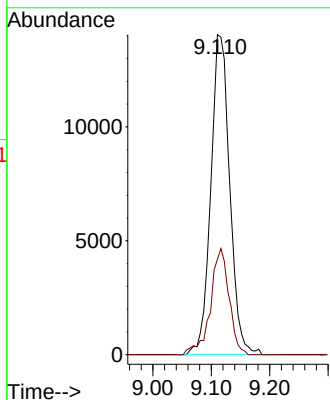
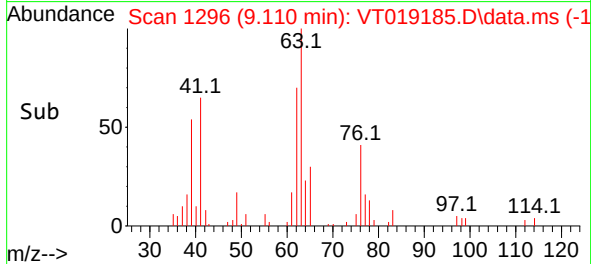
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 63 Resp: 3160
Ion Ratio Lower Upper
63 100
65 29.8 19.8 29.6

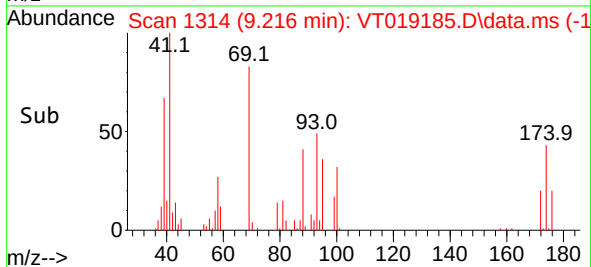
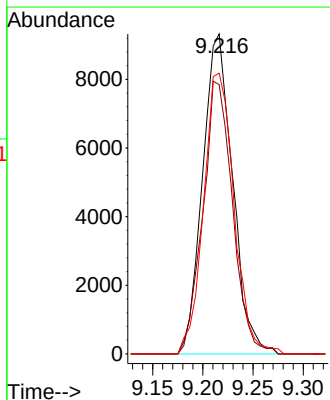
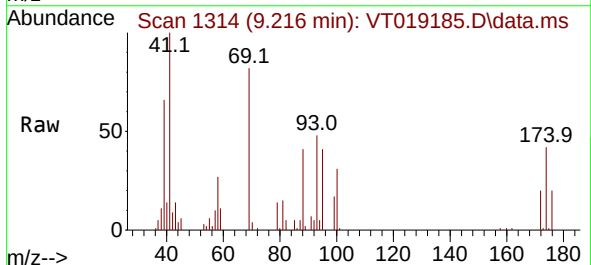
Manual Integrations
APPROVED

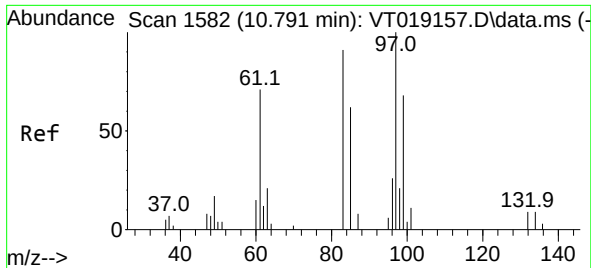
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Dibromomethane
Concen: 18.114 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

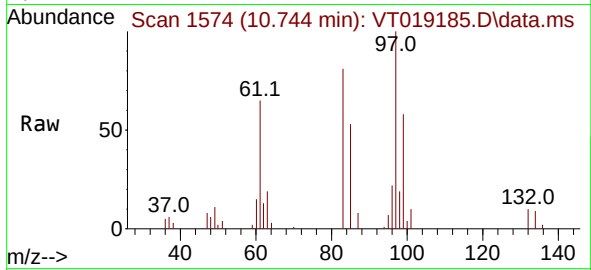
Tgt Ion: 93 Resp: 19384
Ion Ratio Lower Upper
93 100
95 83.9 0.0 166.2
174 89.1 0.0 26.4





#41
Bromodichloromethane
Concen: 19.186 ug/l m
RT: 10.744 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

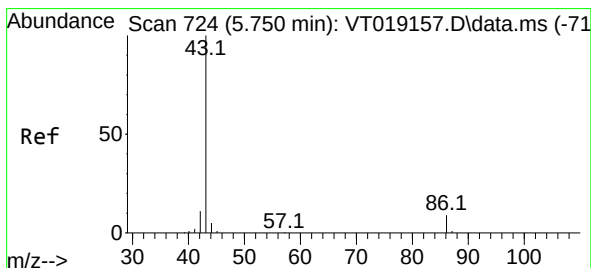
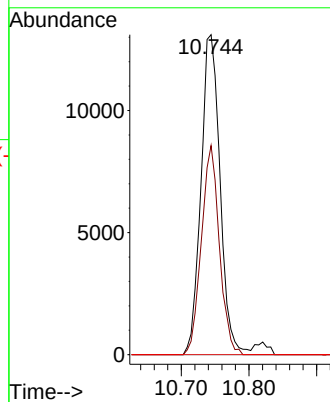
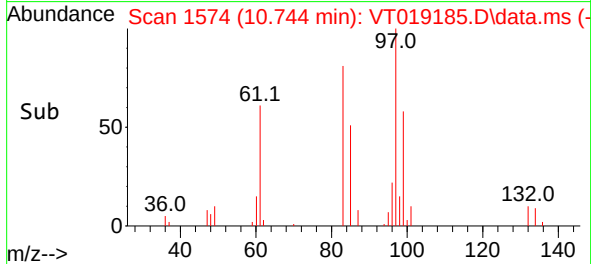
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



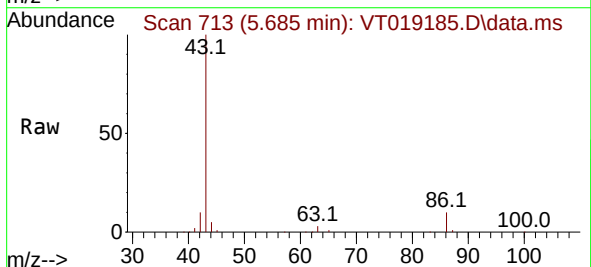
Tgt Ion: 83 Resp: 26372
Ion Ratio Lower Upper
83 100
85 65.4 47.2 70.8
127 0.0 7.1 10.7

Manual Integrations
APPROVED

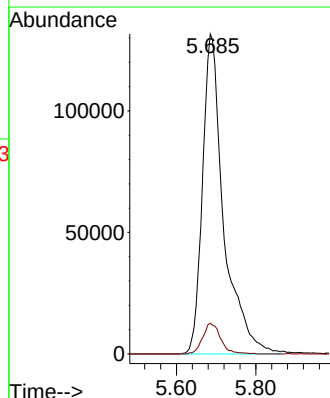
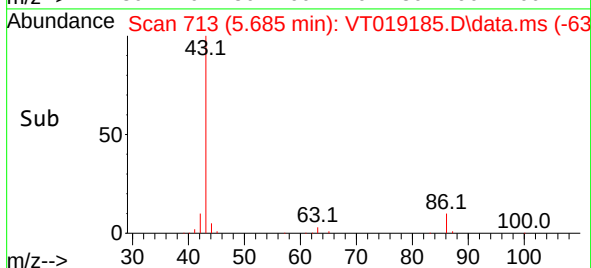
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

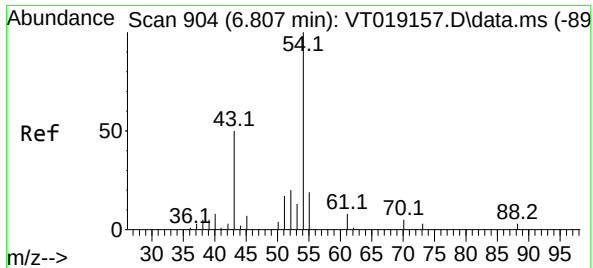


#42
Vinyl Acetate
Concen: 90.285 ug/l
RT: 5.685 min Scan# 713
Delta R.T. -0.065 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



Tgt Ion: 43 Resp: 488352
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





#43

Ethyl Acetate

Concen: 17.059 ug/l

RT: 6.737 min Scan# 89

Delta R.T. -0.064 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

Tgt Ion: 43 Resp: 61824

Ion Ratio Lower Upper

43 100

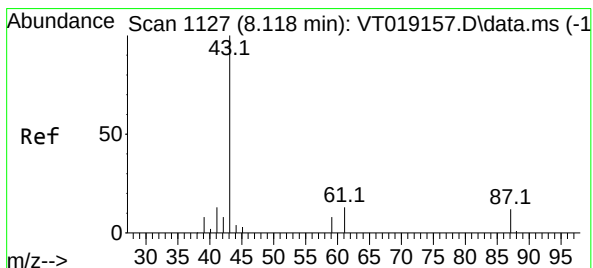
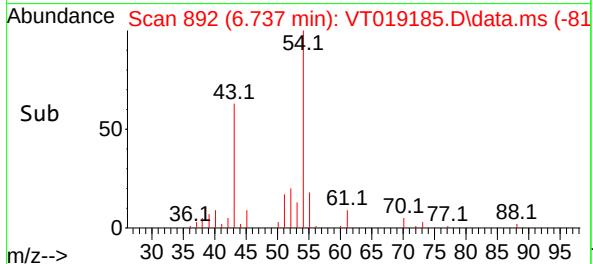
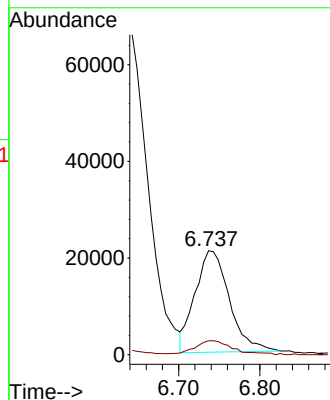
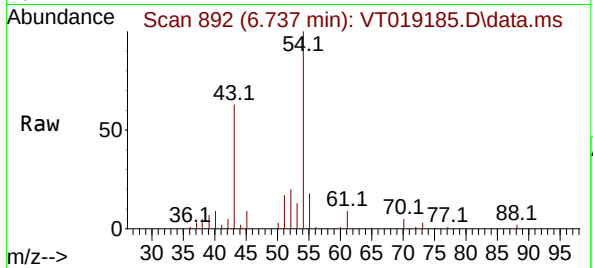
45 12.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#44

Isopropyl Acetate

Concen: 18.408 ug/l

RT: 8.070 min Scan# 1119

Delta R.T. -0.053 min

Lab File: VT019185.D

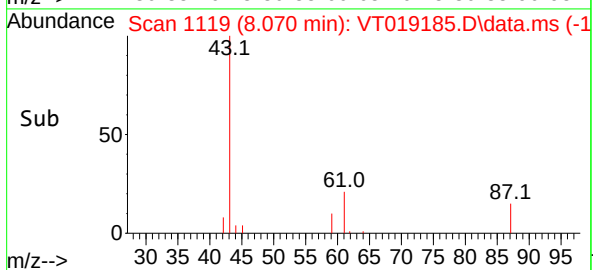
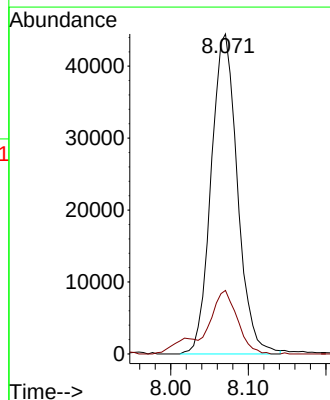
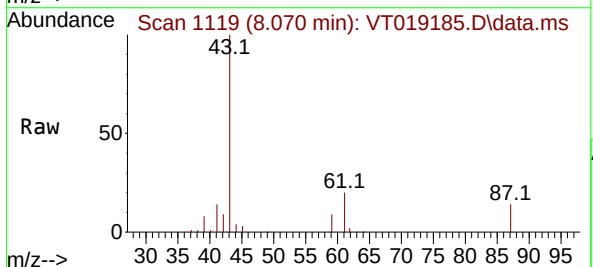
Acq: 27 Oct 2025 8:48

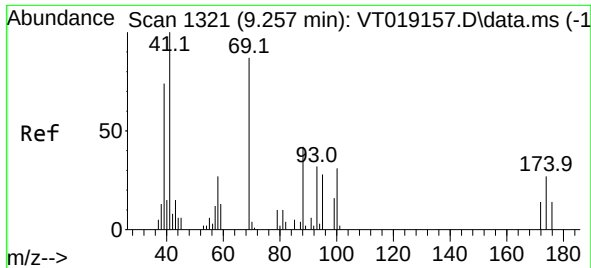
Tgt Ion: 43 Resp: 104995

Ion Ratio Lower Upper

43 100

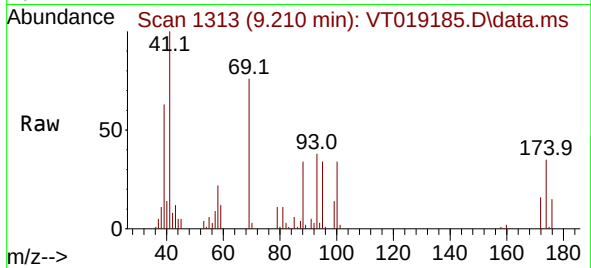
61 19.6 14.7 22.1





#45
1,4-Dioxane
Concen: 352.713 ug/l m
RT: 9.210 min Scan# 1313
Delta R.T. -0.059 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

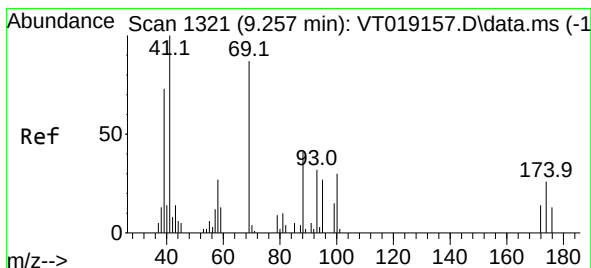
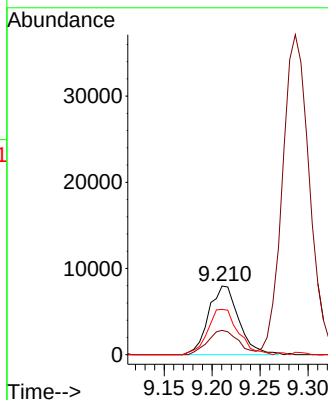
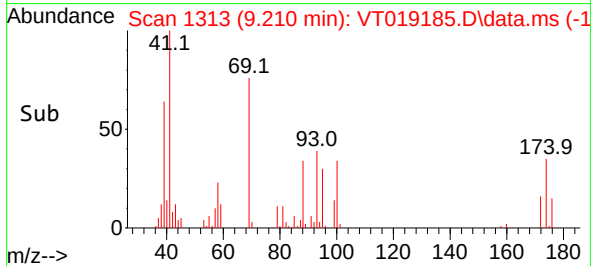
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 88 Resp: 1745
Ion Ratio Lower Upper
88 100
43 420.9 30.2 45.2
58 1.4 33.3 49.9

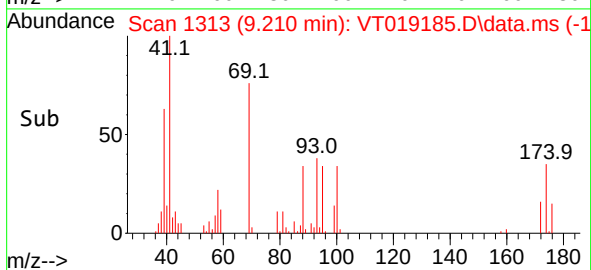
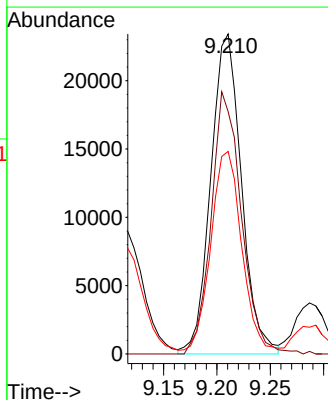
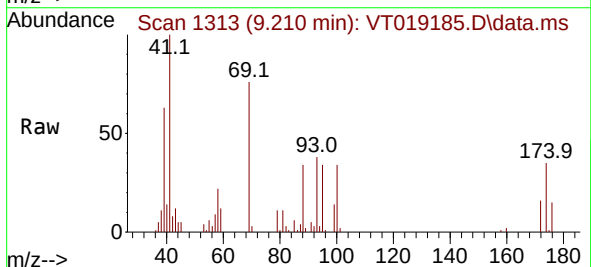
Manual Integrations
APPROVED

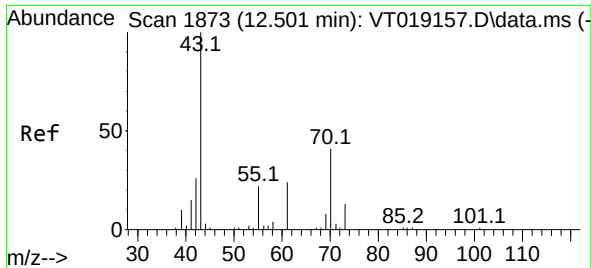
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Methyl methacrylate
Concen: 18.376 ug/l
RT: 9.210 min Scan# 1313
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 41 Resp: 46864
Ion Ratio Lower Upper
41 100
69 76.8 35.8 107.3
39 63.0 24.4 73.4





#47

n-amyl acetate

Concen: 17.983 ug/l

RT: 12.454 min Scan# 11

Delta R.T. -0.047 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

Tgt Ion: 43 Resp: 69024

Ion Ratio Lower Upper

43 100

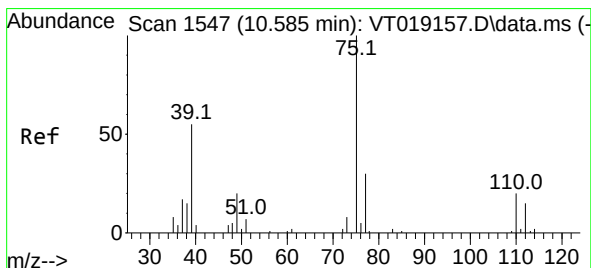
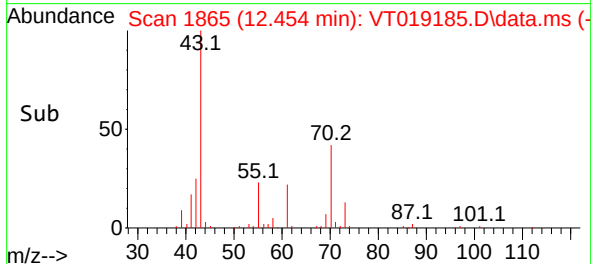
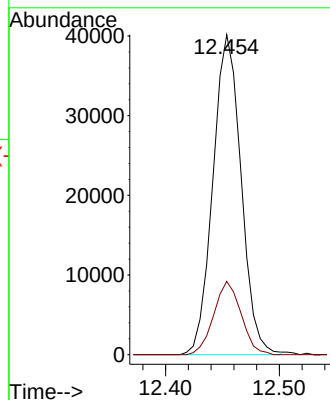
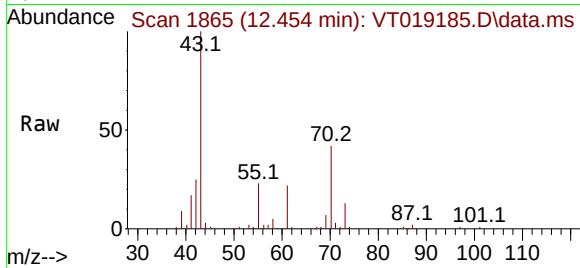
55 22.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#48

t-1,3-Dichloropropene

Concen: 18.861 ug/l

RT: 10.538 min Scan# 1539

Delta R.T. -0.047 min

Lab File: VT019185.D

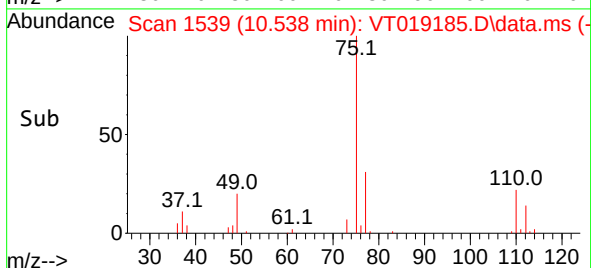
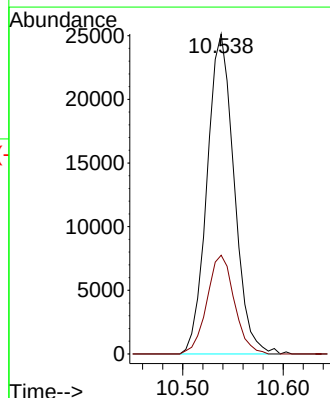
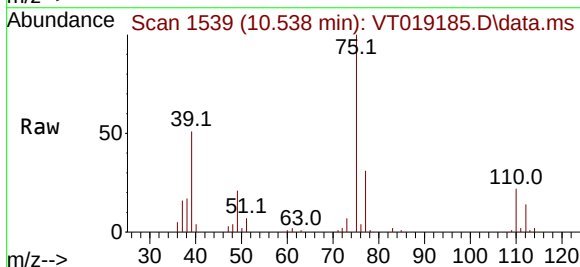
Acq: 27 Oct 2025 8:48

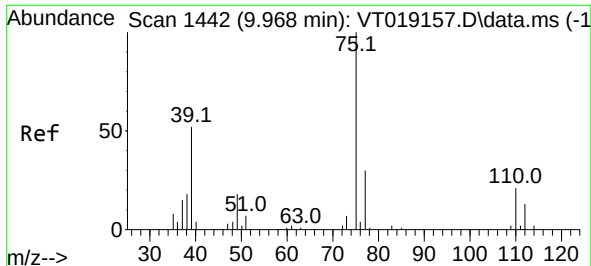
Tgt Ion: 75 Resp: 47041

Ion Ratio Lower Upper

75 100

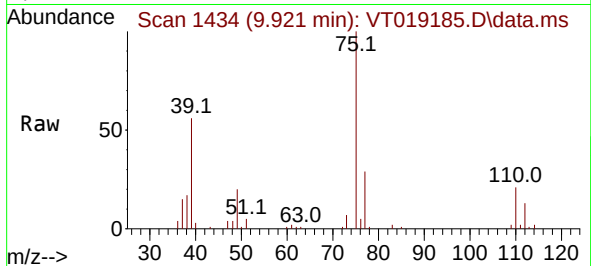
77 30.8 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.605 ug/l
 RT: 9.921 min Scan# 1442
 Delta R.T. -0.053 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

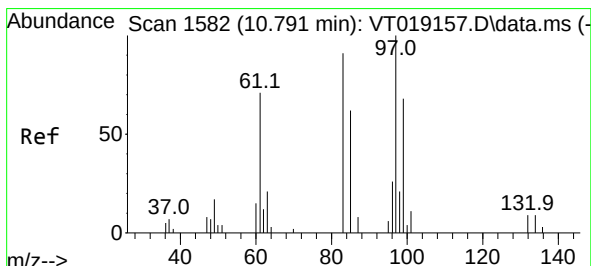
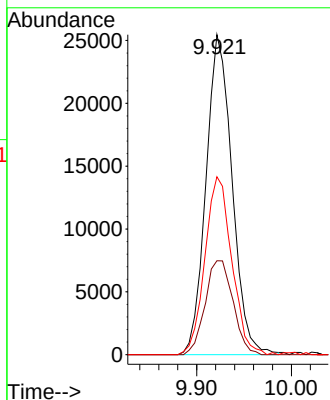
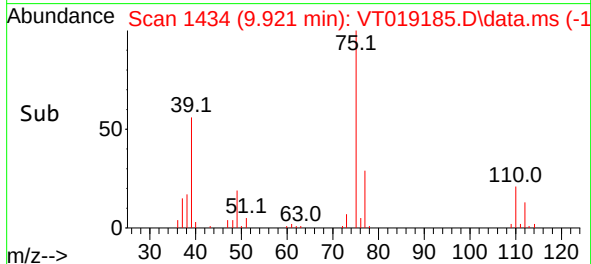
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBSD01



Tgt Ion: 75 Resp: 48745
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.1 37.7
 39 55.6 42.7 64.1

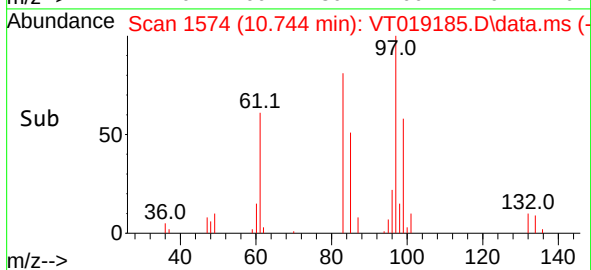
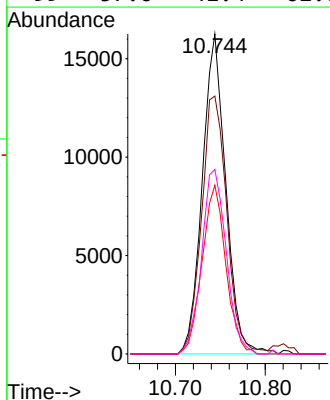
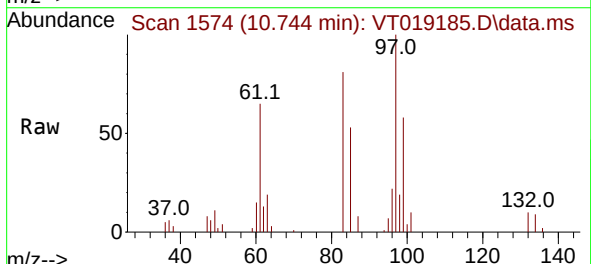
Manual Integrations
 APPROVED

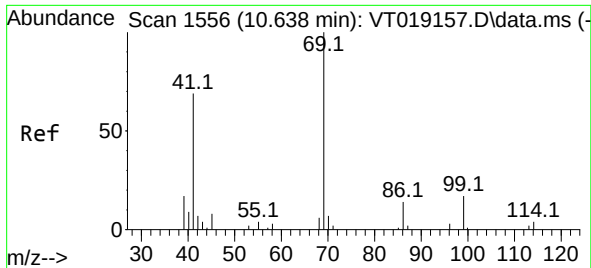
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.733 ug/l
 RT: 10.744 min Scan# 1574
 Delta R.T. -0.047 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

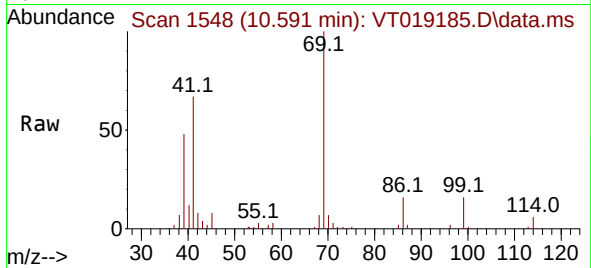
Tgt Ion: 97 Resp: 29485
 Ion Ratio Lower Upper
 97 100
 83 80.6 58.3 87.5
 85 52.7 36.5 54.7
 99 57.6 41.4 62.0





#51
Ethyl methacrylate
Concen: 18.430 ug/l
RT: 10.591 min Scan# 1548
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

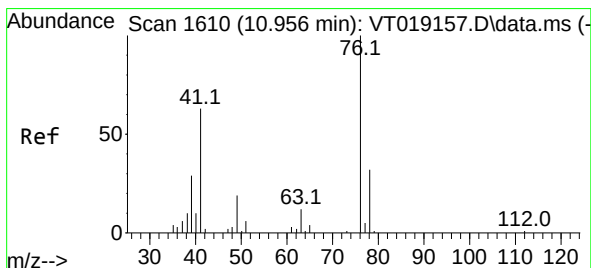
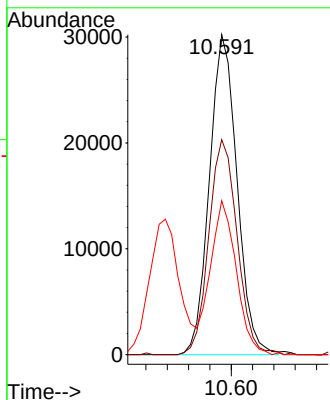
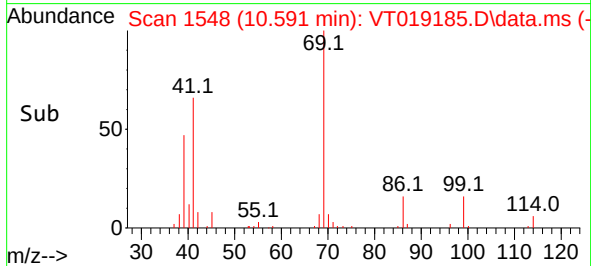
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 69 Resp: 54360
Ion Ratio Lower Upper
69 100
41 67.2 35.0 105.1
39 47.5 19.5 58.5

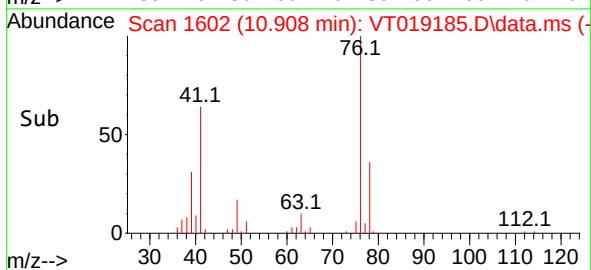
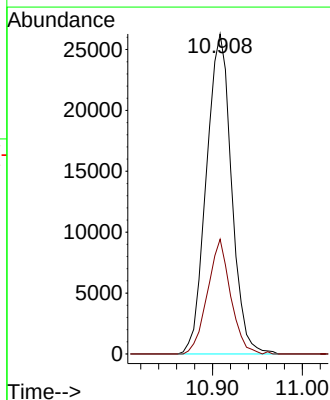
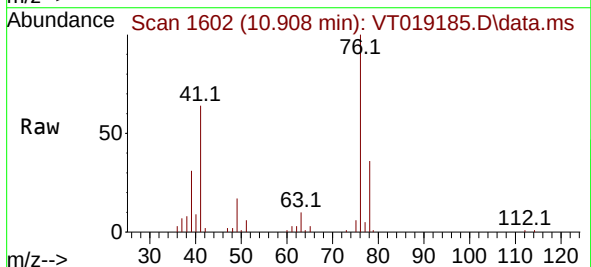
Manual Integrations
APPROVED

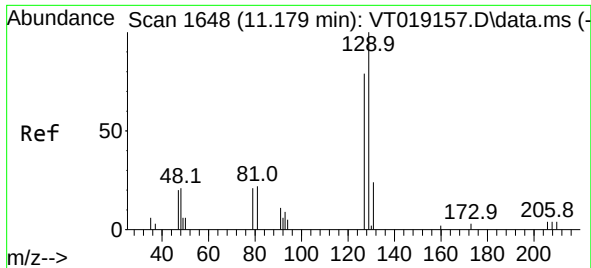
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
1,3-Dichloropropane
Concen: 18.168 ug/l
RT: 10.908 min Scan# 1602
Delta R.T. -0.048 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 76 Resp: 51074
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6





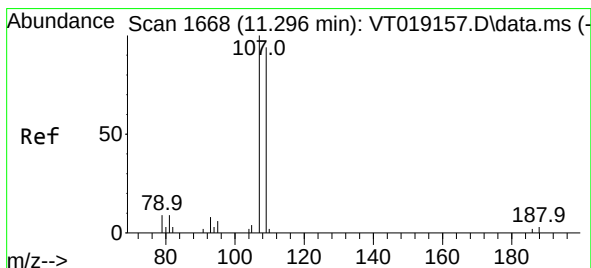
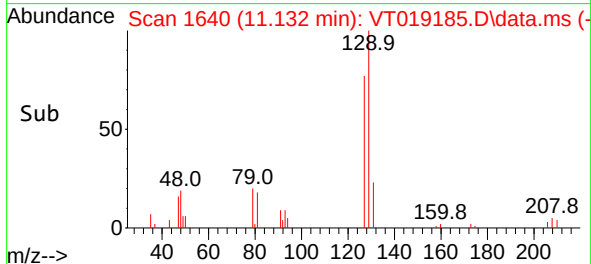
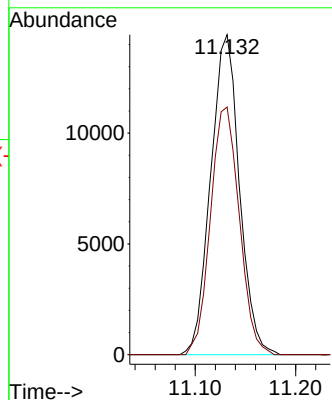
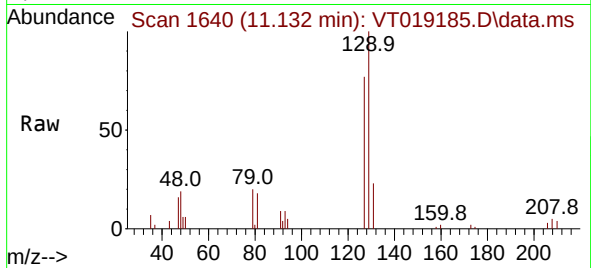
#53
Dibromochloromethane
Concen: 19.606 ug/l
RT: 11.132 min Scan# 1640
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:129 Resp: 28780
Ion Ratio Lower Upper
129 100
127 77.5 125.0 374.9

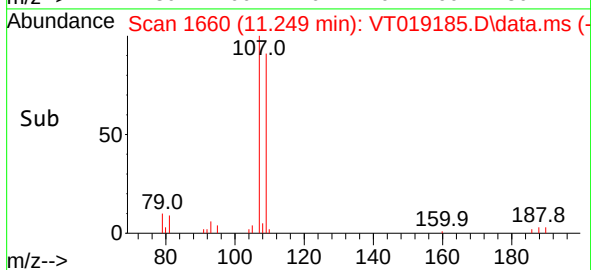
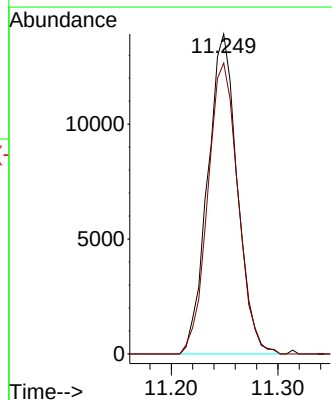
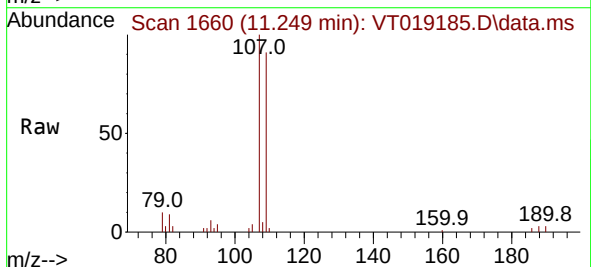
Manual Integrations
APPROVED

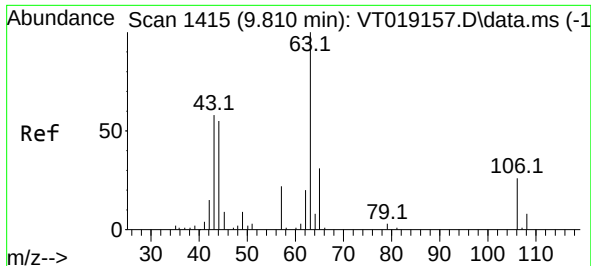
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#54
1,2-Dibromoethane
Concen: 18.317 ug/l
RT: 11.249 min Scan# 1660
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

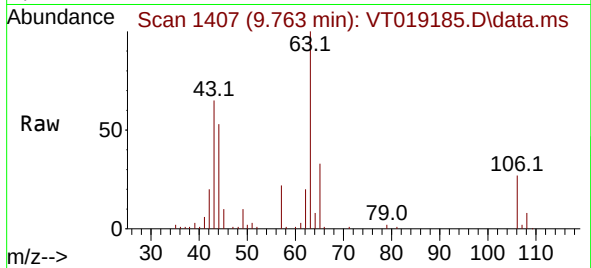
Tgt Ion:107 Resp: 26814
Ion Ratio Lower Upper
107 100
109 92.9 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 87.152 ug/l
RT: 9.763 min Scan# 1415
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

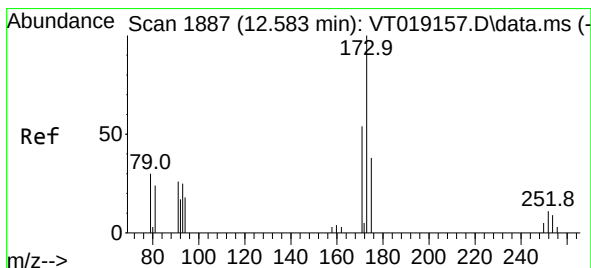
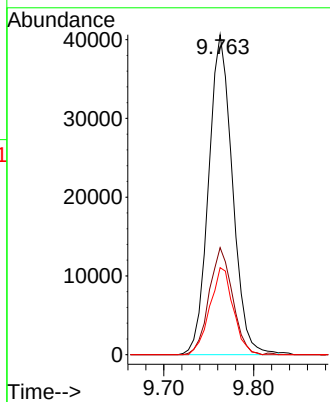
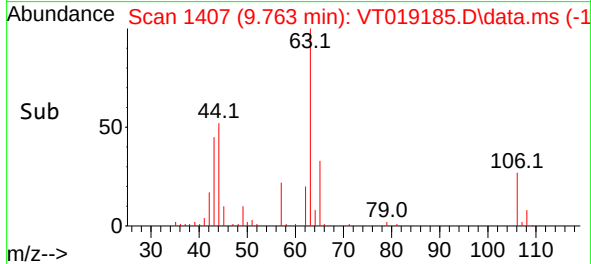
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 63 Resp: 74975
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 26.7 22.1 33.1

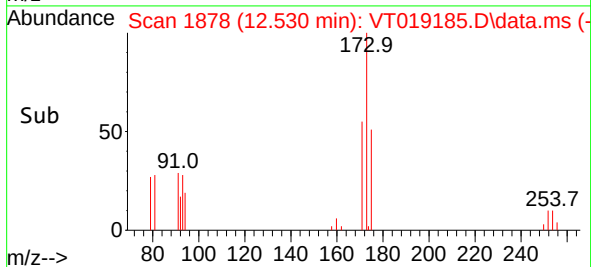
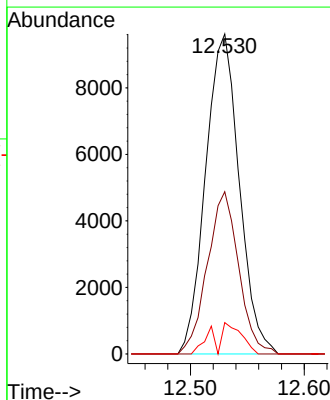
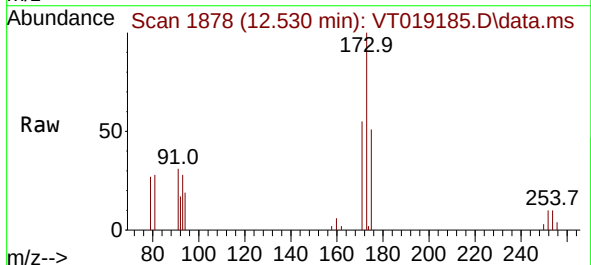
Manual Integrations
APPROVED

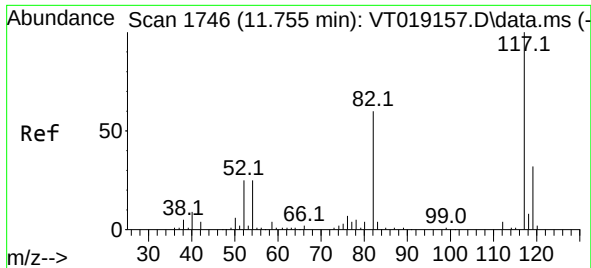
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#56
Bromoform
Concen: 20.440 ug/l
RT: 12.530 min Scan# 1878
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

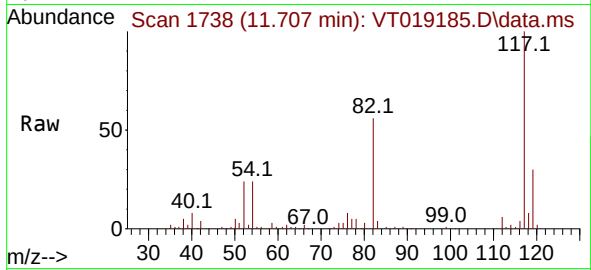
Tgt Ion:173 Resp: 19728
Ion Ratio Lower Upper
173 100
175 47.2 2.6 3.8#
254 5.5 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.707 min Scan# 117
Delta R.T. -0.048 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

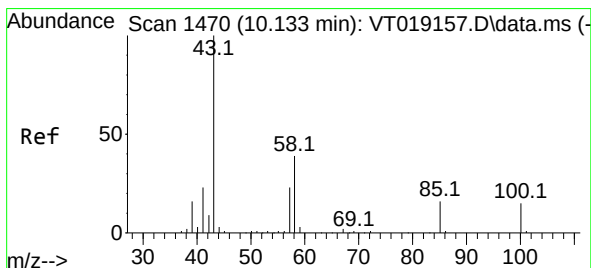
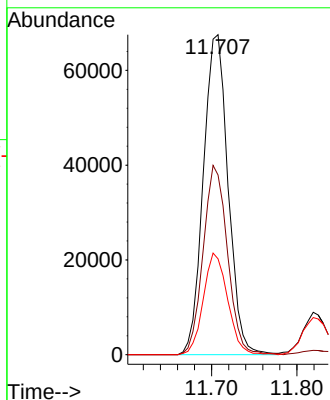
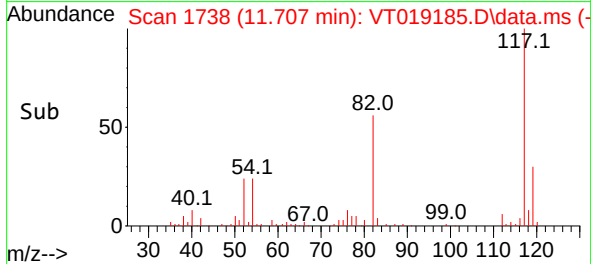
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



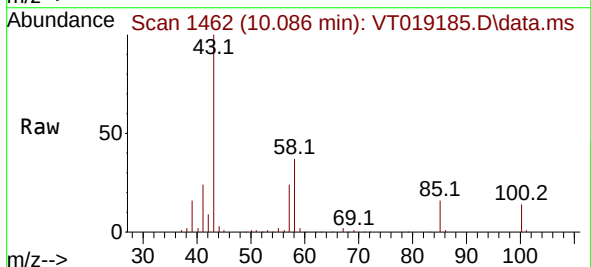
Tgt Ion: 117 Resp: 136658
Ion Ratio Lower Upper
117 100
82 57.9 46.0 69.0
119 31.1 25.8 38.8

Manual Integrations
APPROVED

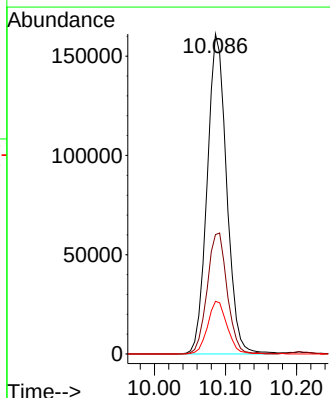
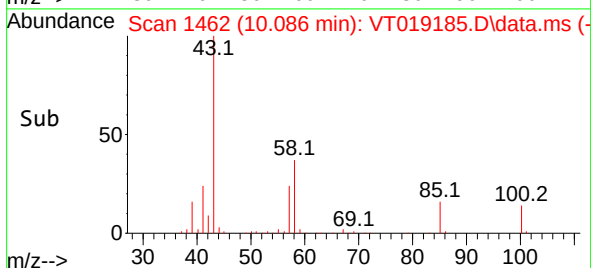
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

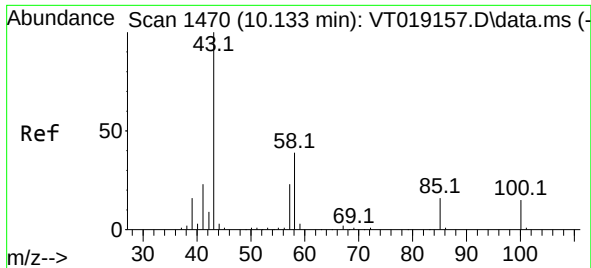


#58
4-Methyl-2-Pentanone
Concen: 91.802 ug/l
RT: 10.086 min Scan# 1462
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



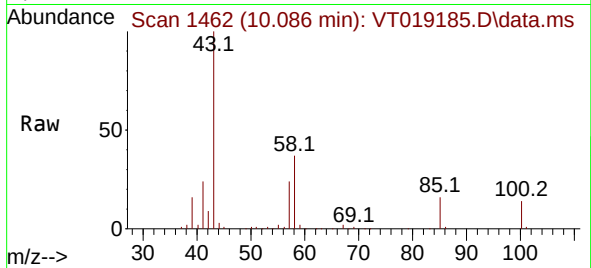
Tgt Ion: 43 Resp: 307230
Ion Ratio Lower Upper
43 100
58 38.9 30.6 45.8
85 16.5 13.4 20.2





#59
2-Hexanone
Concen: 91.802 ug/l
RT: 10.086 min Scan# 1462
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

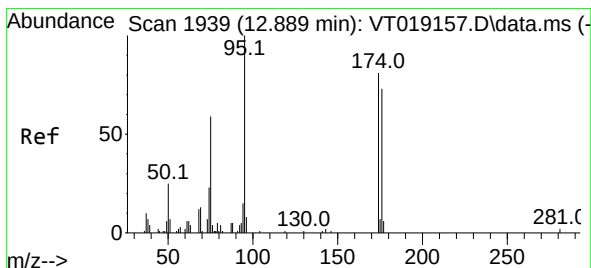
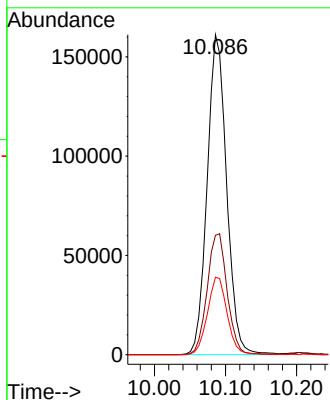
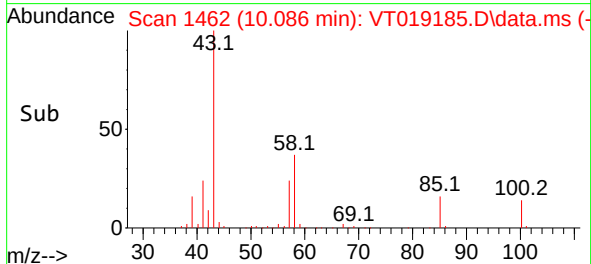
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 43 Resp: 307230
Ion Ratio Lower Upper
43 100
58 38.9 42.0 63.0
57 24.5 14.6 21.8

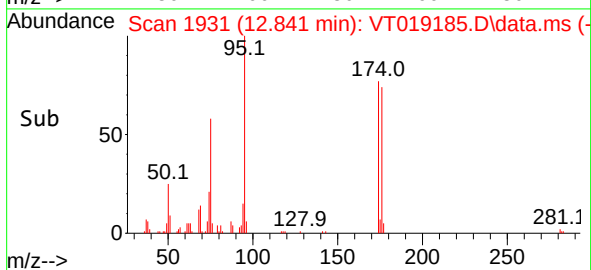
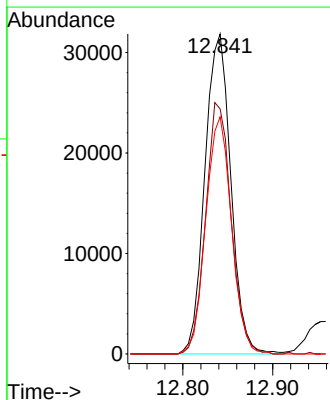
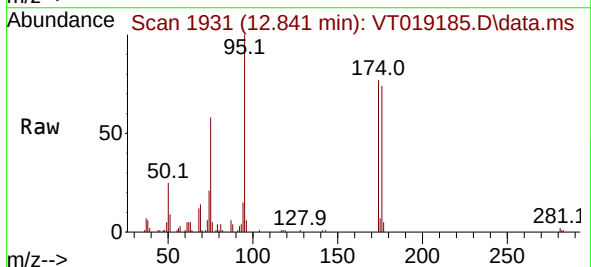
Manual Integrations
APPROVED

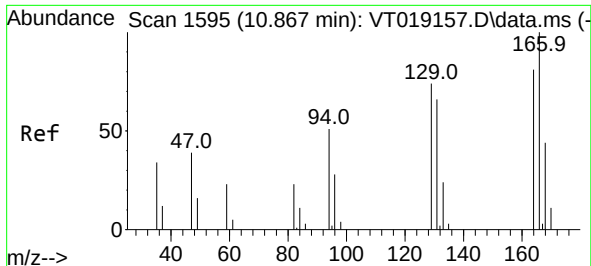
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
4-Bromofluorobenzene
Concen: 29.689 ug/l
RT: 12.841 min Scan# 1931
Delta R.T. -0.048 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

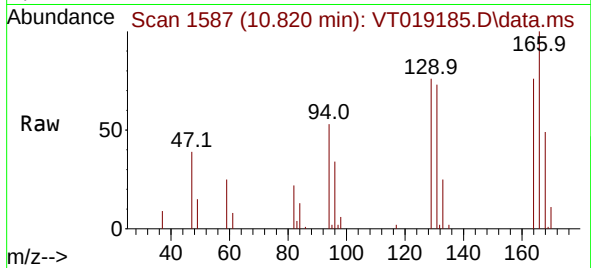
Tgt Ion: 95 Resp: 63765
Ion Ratio Lower Upper
95 100
174 77.5 57.5 86.3
176 73.5 56.4 84.6





#61
Tetrachloroethene
Concen: 20.938 ug/l
RT: 10.820 min Scan# 1495
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

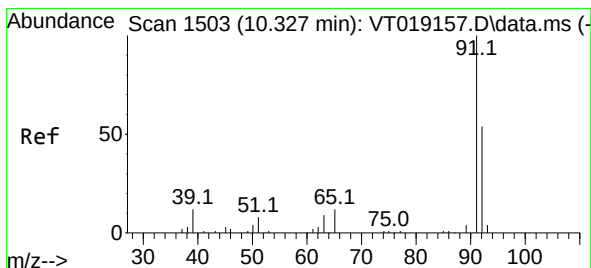
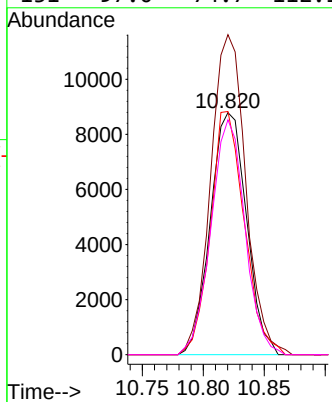
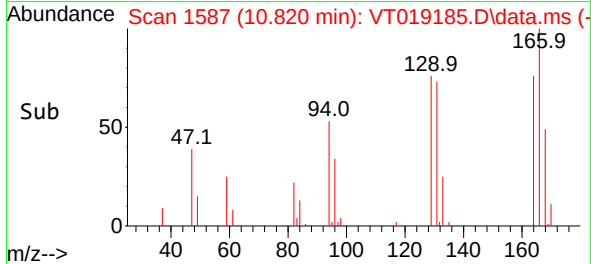
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



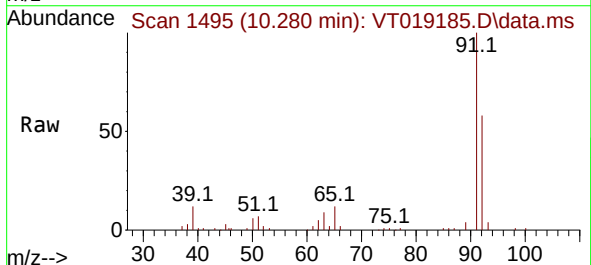
Tgt Ion:164 Resp: 1808
Ion Ratio Lower Upper
164 100
166 132.2 101.0 151.4
129 100.5 78.6 117.8
131 97.0 74.7 112.1

Manual Integrations
APPROVED

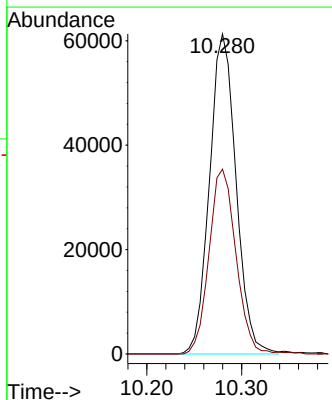
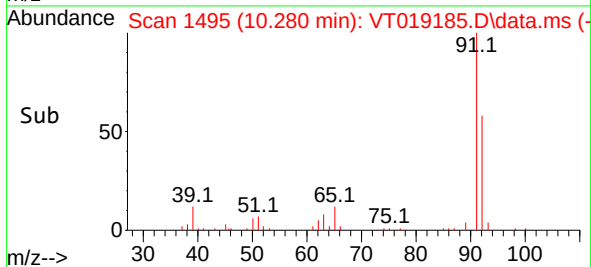
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

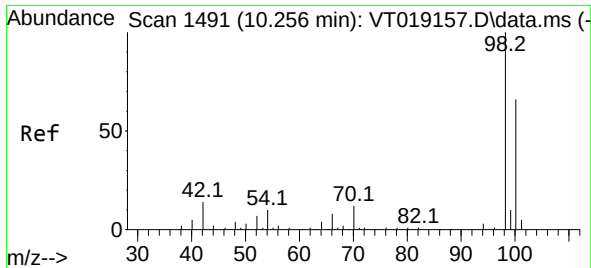


#62
Toluene
Concen: 19.475 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



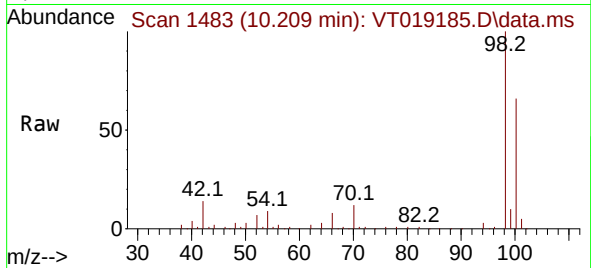
Tgt Ion: 91 Resp: 119206
Ion Ratio Lower Upper
91 100
92 58.3 46.6 69.8





#63
Toluene-d8
Concen: 30.313 ug/l
RT: 10.209 min Scan# 1491
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

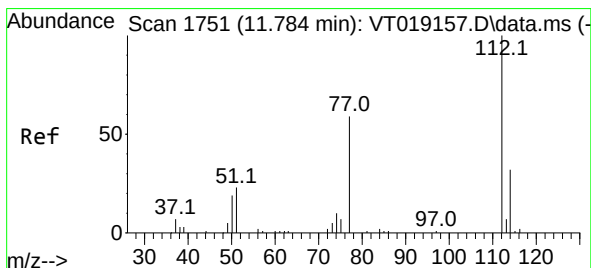
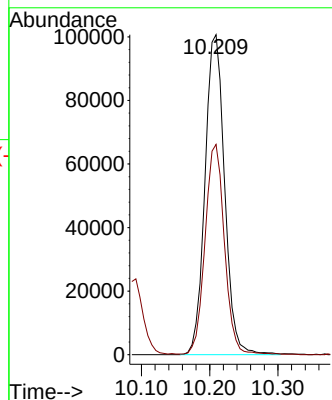
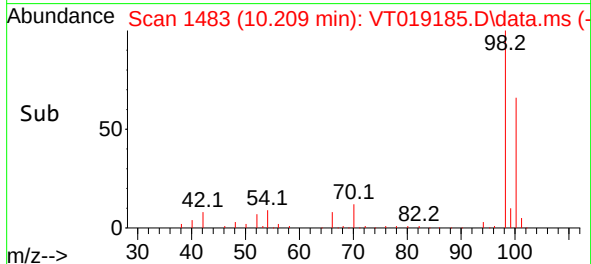
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 98 Resp: 201629
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

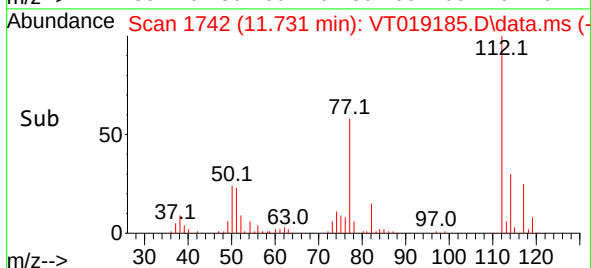
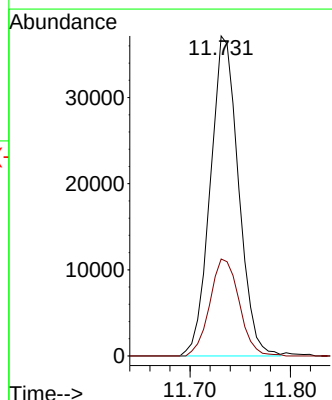
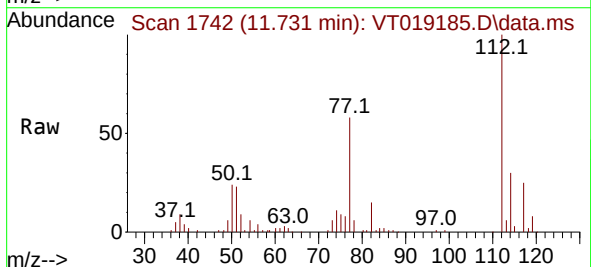
Manual Integrations
APPROVED

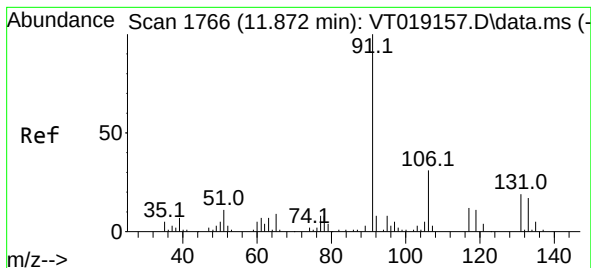
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Chlorobenzene
Concen: 19.378 ug/l
RT: 11.731 min Scan# 1742
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion:112 Resp: 72451
Ion Ratio Lower Upper
112 100
114 30.3 23.6 35.4





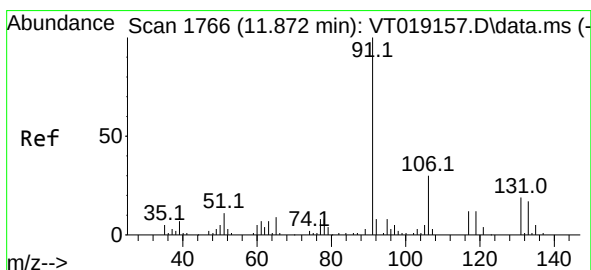
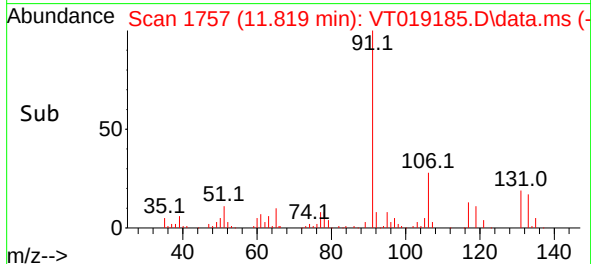
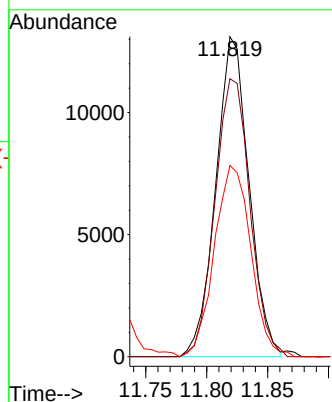
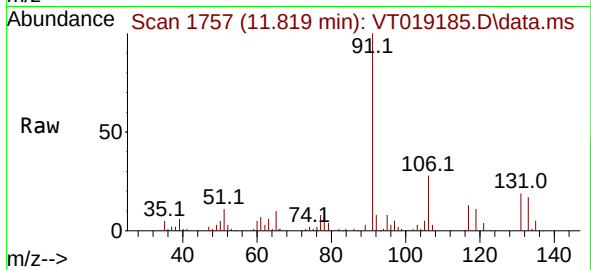
#65
1,1,1,2-Tetrachloroethane
Concen: 20.433 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:131 Resp: 2488
Ion Ratio Lower Upper
131 100
133 91.5 0.0 188.2
119 65.4 0.0 101.8

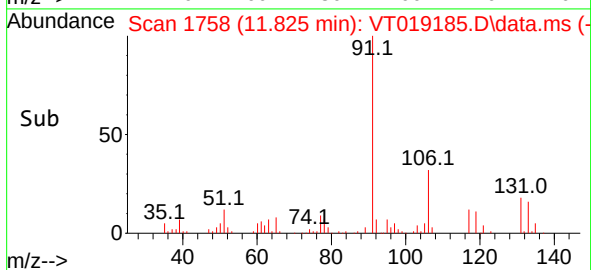
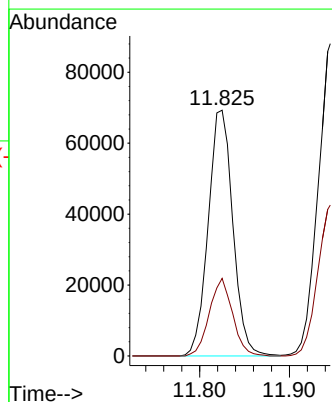
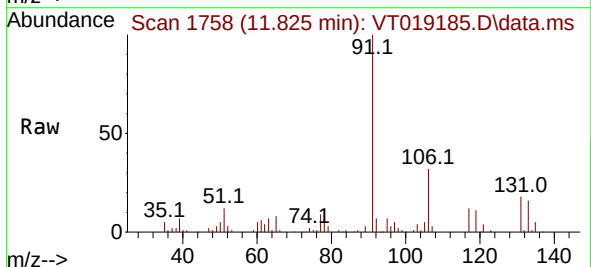
Manual Integrations
APPROVED

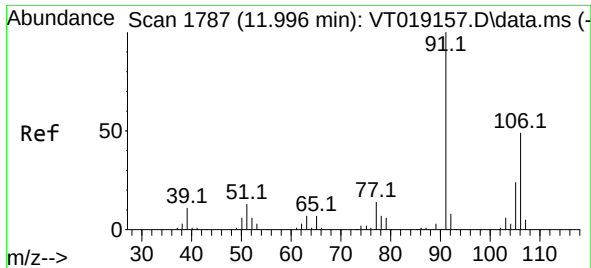
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
Ethyl Benzene
Concen: 19.879 ug/l
RT: 11.825 min Scan# 1758
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 91 Resp: 132241
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7





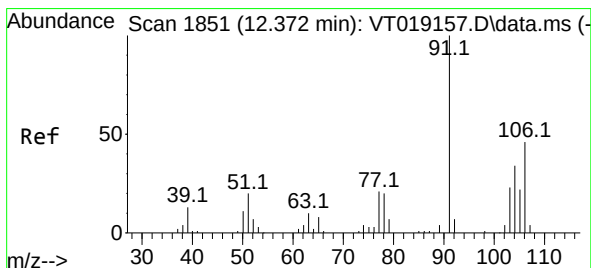
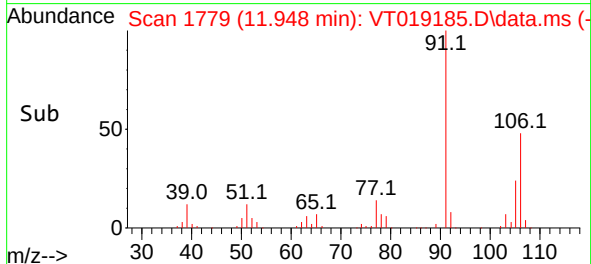
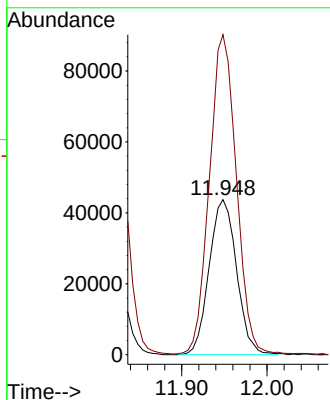
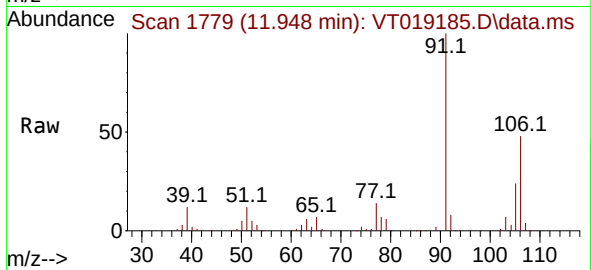
#67
m/p-Xylenes
Concen: 39.463 ug/l
RT: 11.948 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:106 Resp: 9758
Ion Ratio Lower Upper
106 100
91 202.3 164.4 246.6

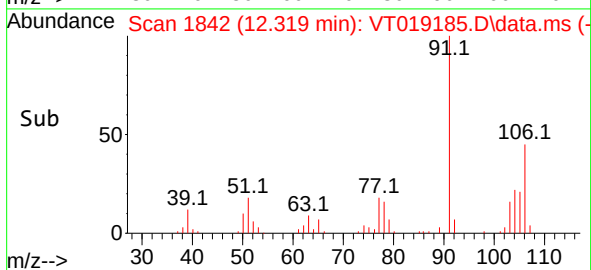
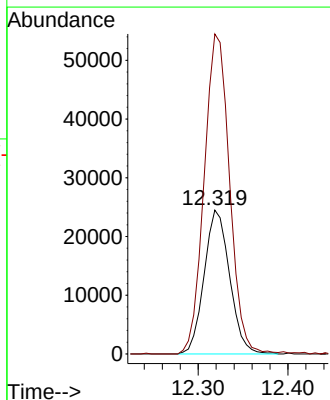
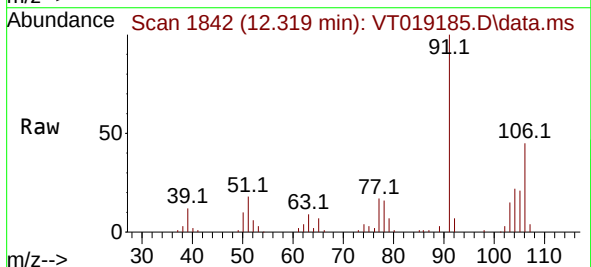
Manual Integrations
APPROVED

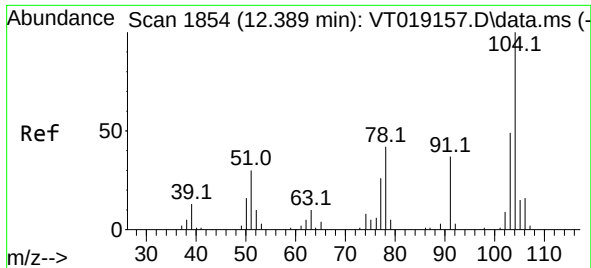
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
o-Xylene
Concen: 18.904 ug/l
RT: 12.319 min Scan# 1842
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion:106 Resp: 48252
Ion Ratio Lower Upper
106 100
91 221.8 111.3 333.8





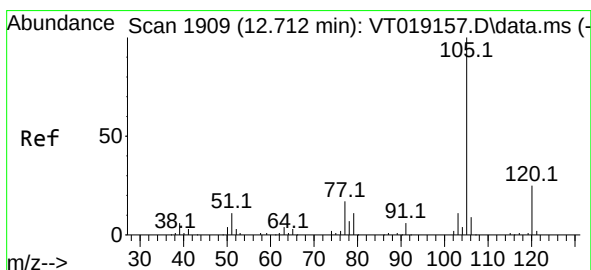
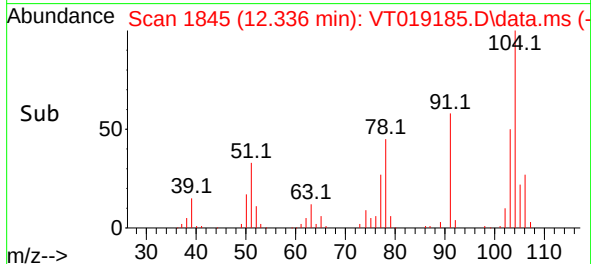
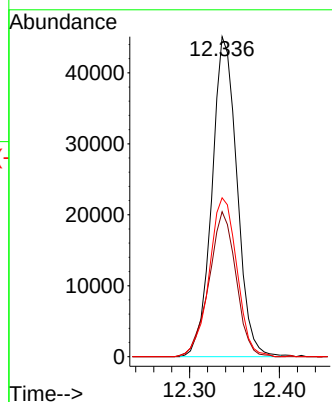
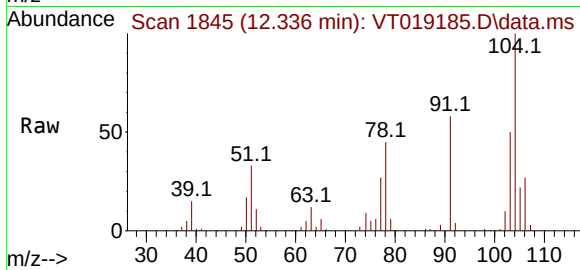
#69
Styrene
Concen: 19.058 ug/l
RT: 12.336 min Scan# 1845
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:104 Resp: 87338
Ion Ratio Lower Upper
104 100
78 48.8 42.6 63.8
103 54.8 43.5 65.3

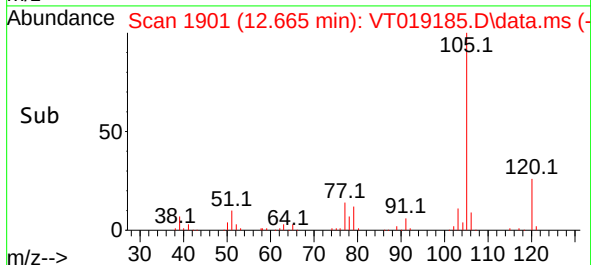
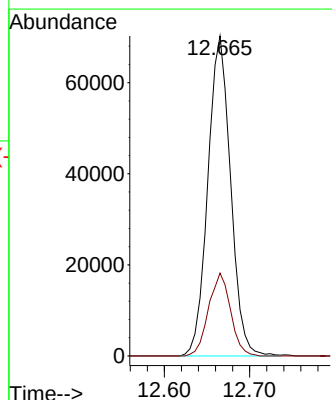
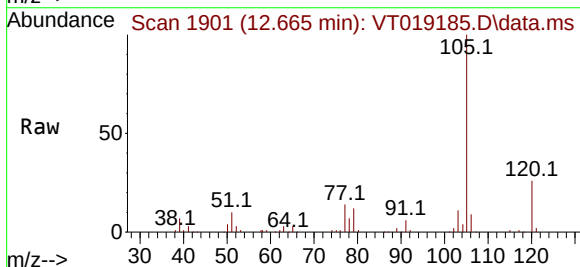
Manual Integrations
APPROVED

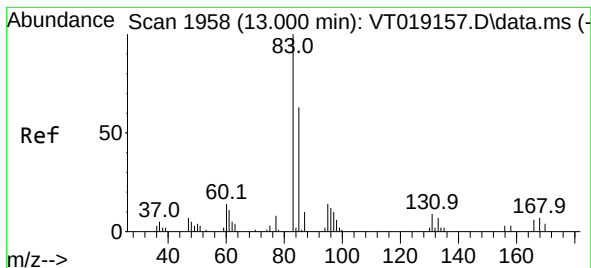
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#70
Isopropylbenzene
Concen: 20.850 ug/l
RT: 12.665 min Scan# 1901
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

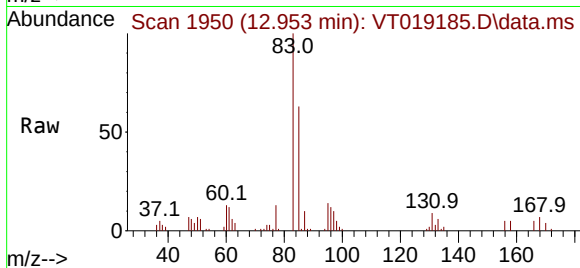
Tgt Ion:105 Resp: 130540
Ion Ratio Lower Upper
105 100
120 25.0 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 19.089 ug/l
RT: 12.953 min Scan# 1950
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

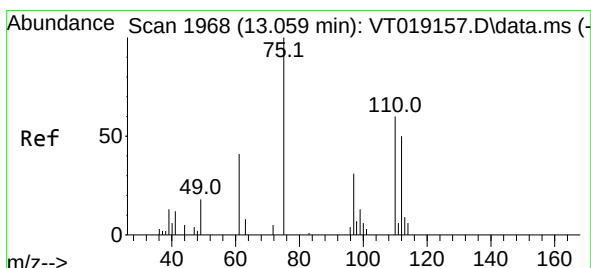
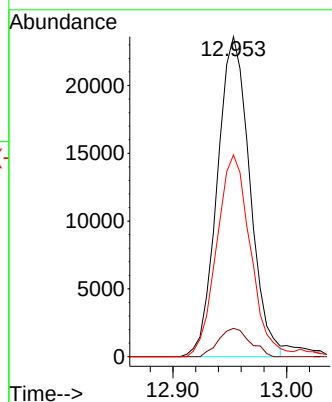
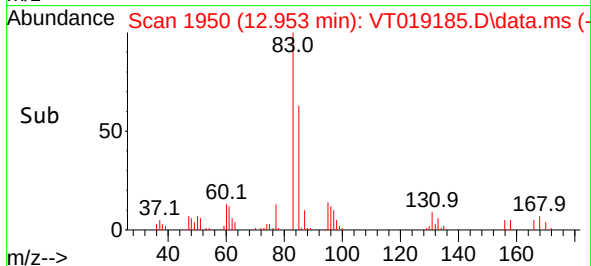
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



Tgt Ion: 83 Resp: 46894
Ion Ratio Lower Upper
83 100
131 8.6 6.0 18.0
85 65.4 32.3 96.9

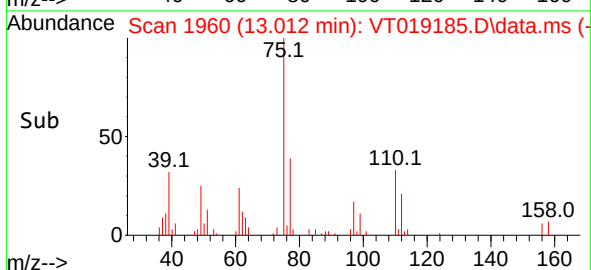
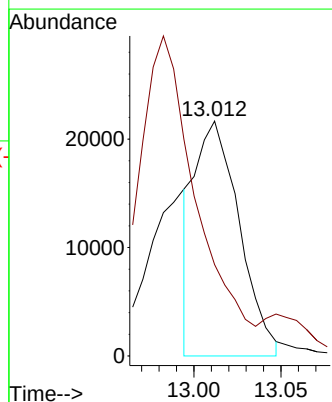
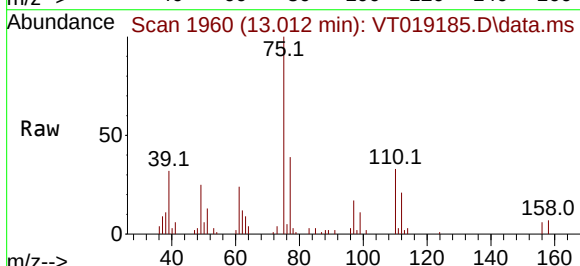
Manual Integrations
APPROVED

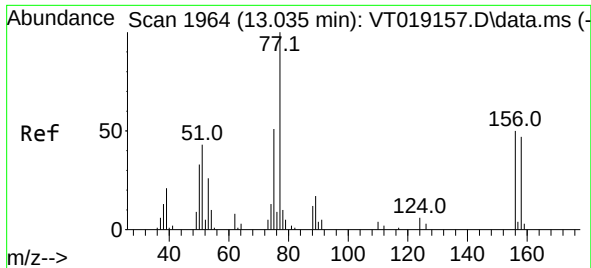
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#72
1,2,3-Trichloropropane
Concen: 21.292 ug/l m
RT: 13.012 min Scan# 1960
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 75 Resp: 38609
Ion Ratio Lower Upper
75 100
77 179.9 0.0 74.2#





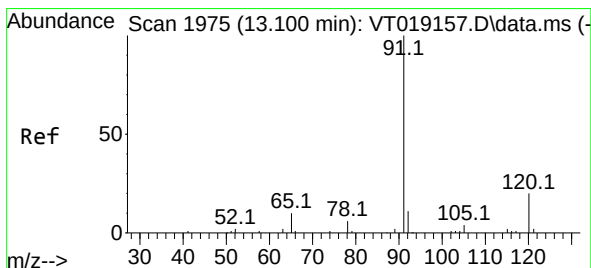
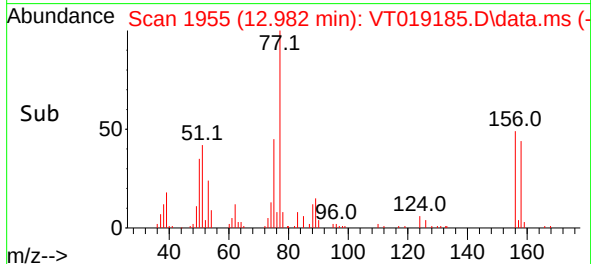
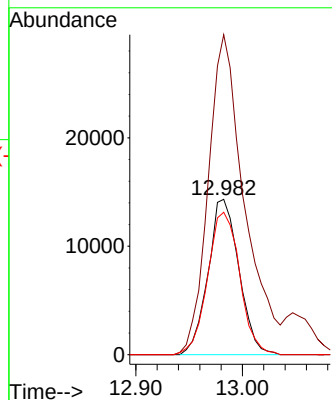
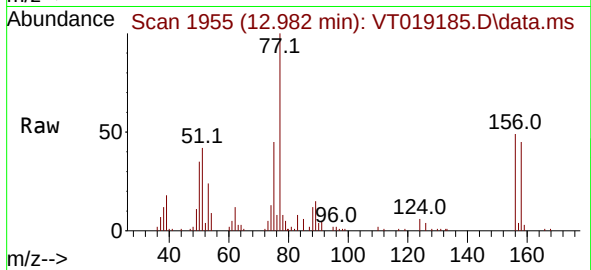
#73
Bromobenzene
Concen: 19.576 ug/l
RT: 12.982 min Scan# 1955
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:156 Resp: 2882
Ion Ratio Lower Upper
156 100
77 241.0 0.0 340.8
158 95.5 0.0 189.0

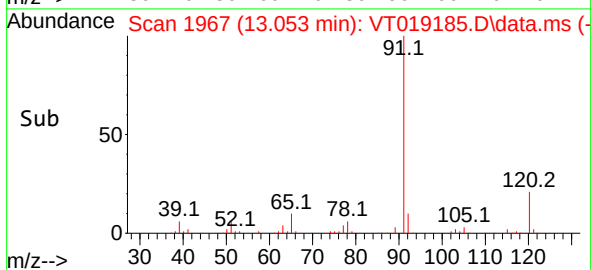
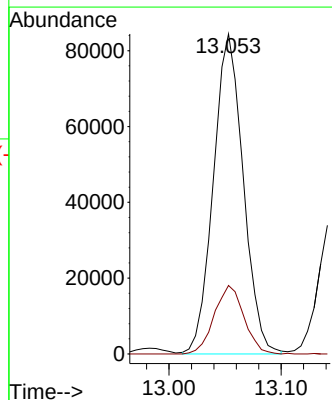
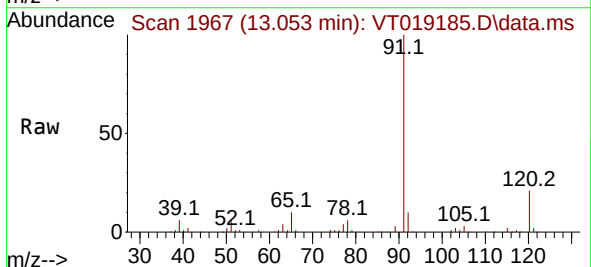
Manual Integrations
APPROVED

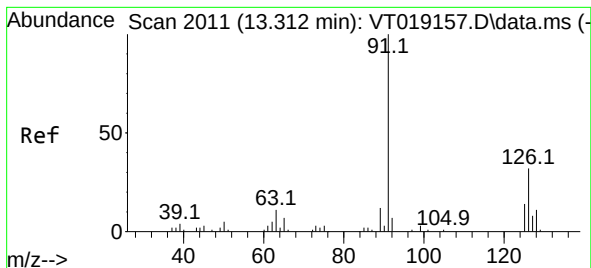
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#74
n-propylbenzene
Concen: 20.729 ug/l m
RT: 13.053 min Scan# 1967
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 91 Resp: 156499
Ion Ratio Lower Upper
91 100
120 0.0 0.0 44.4





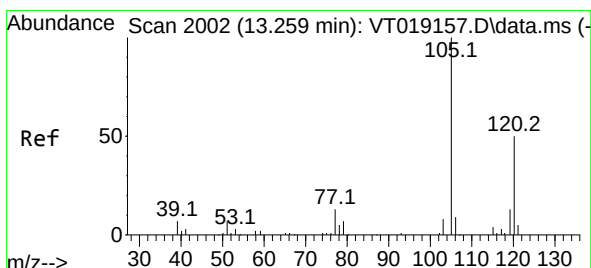
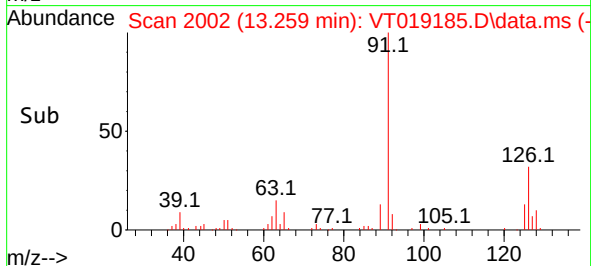
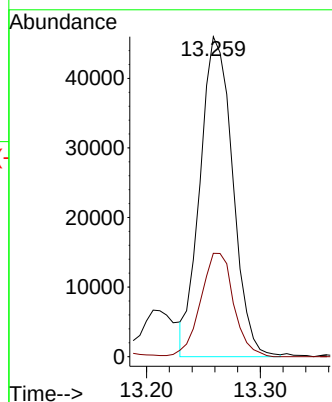
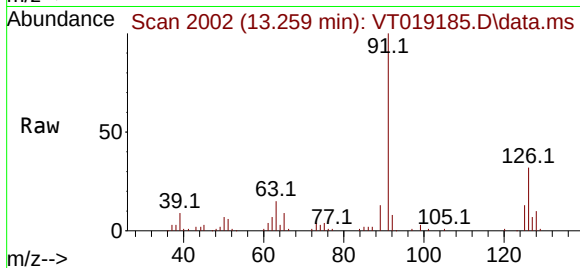
#75
2-Chlorotoluene
Concen: 19.883 ug/l
RT: 13.259 min Scan# 2011
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 91 Resp: 91890
Ion Ratio Lower Upper
91 100
126 32.7 0.0 63.6

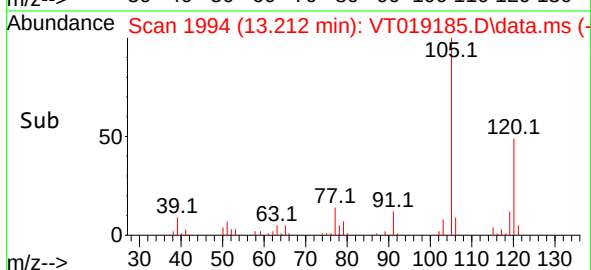
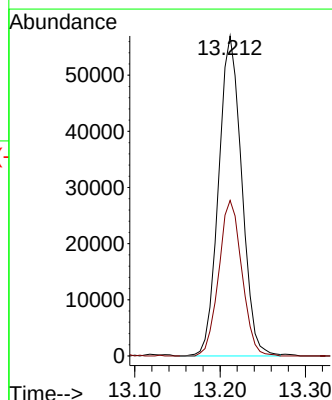
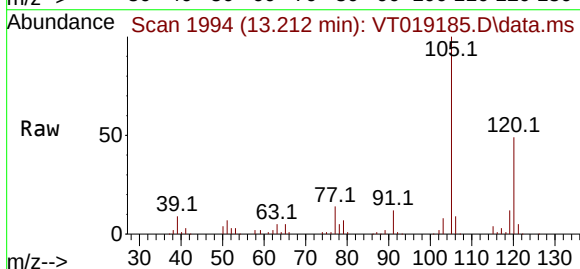
Manual Integrations
APPROVED

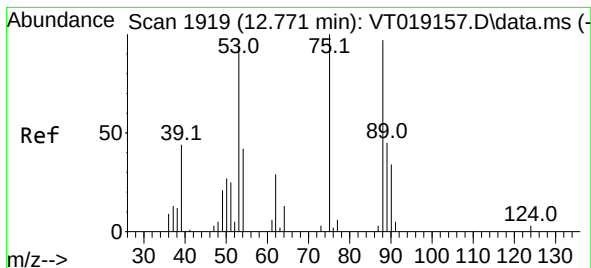
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.905 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion:105 Resp: 107381
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.0





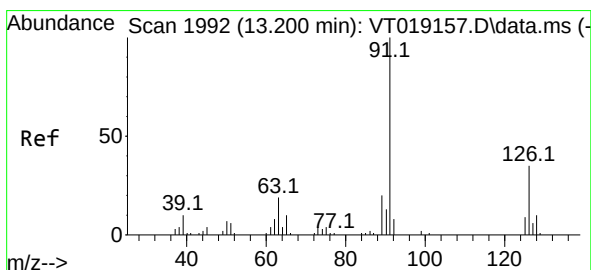
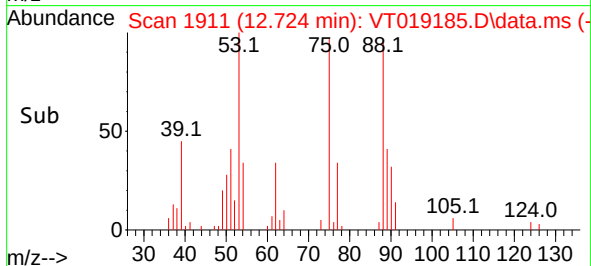
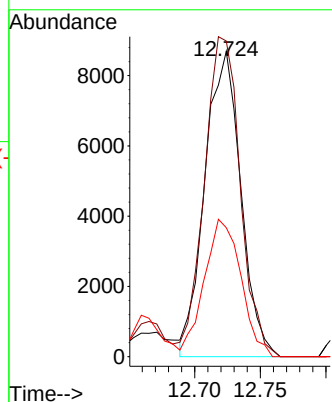
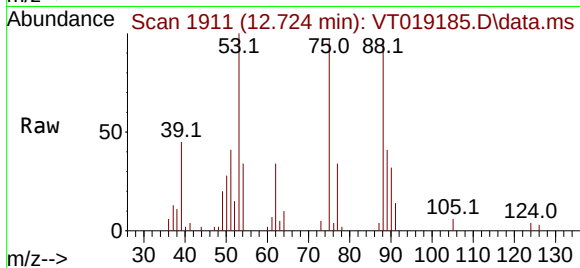
#77
t-1,4-Dichloro-2-butene
Concen: 18.780 ug/l
RT: 12.724 min Scan# 1911
Delta R.T. -0.041 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion: 75 Resp: 1654
Ion Ratio Lower Upper
75 100
53 103.4 48.4 145.2
89 42.2 33.8 101.3

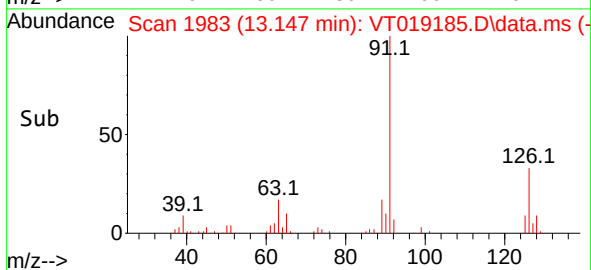
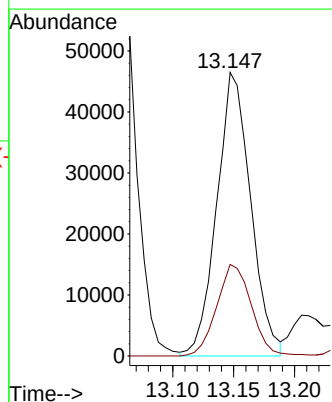
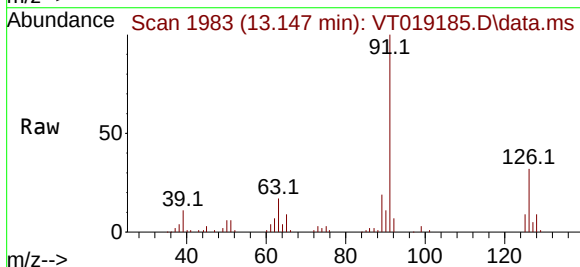
Manual Integrations
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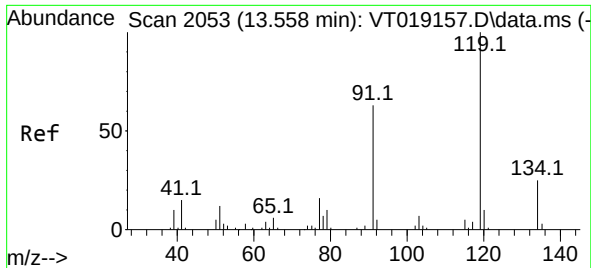
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#78
4-Chlorotoluene
Concen: 19.776 ug/l
RT: 13.147 min Scan# 1983
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion: 91 Resp: 90161
Ion Ratio Lower Upper
91 100
126 33.0 0.0 57.2





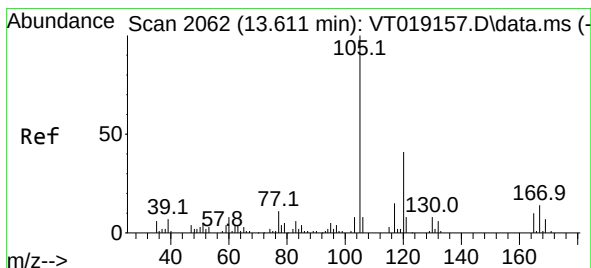
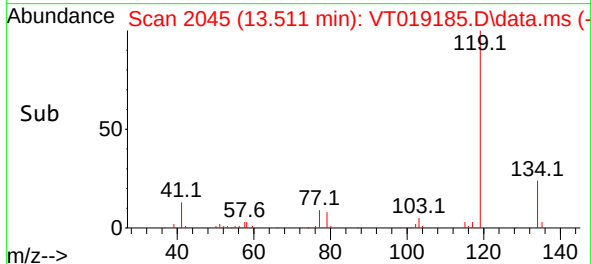
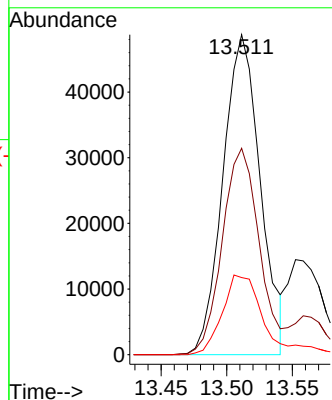
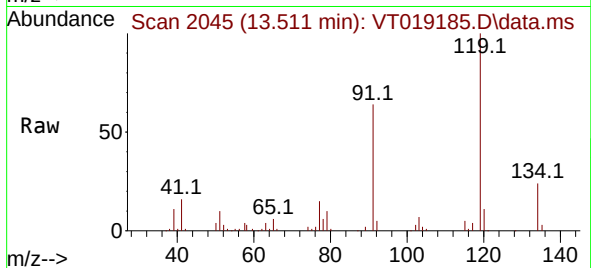
#79
tert-butylbenzene
Concen: 21.184 ug/l
RT: 13.511 min Scan# 2053
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:119 Resp: 9664
Ion Ratio Lower Upper
119 100
91 63.5 0.0 120.6
134 25.5 0.0 46.0

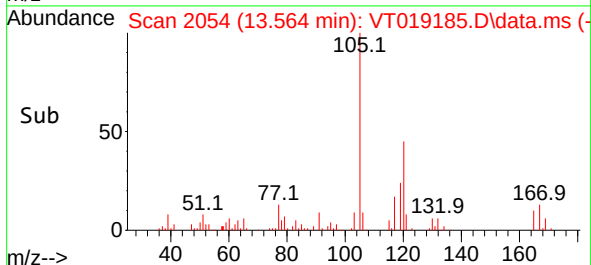
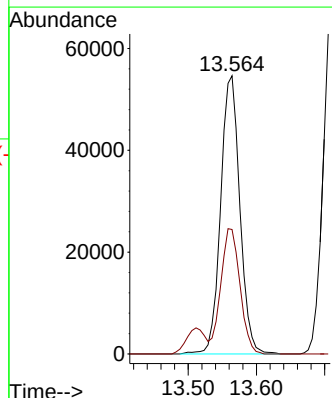
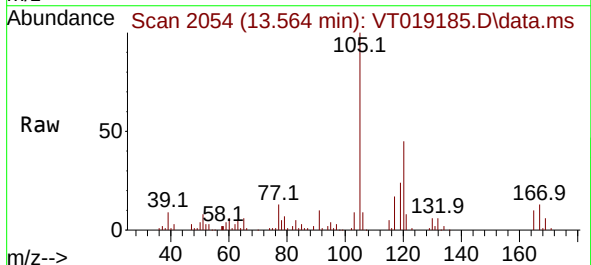
Manual Integrations
APPROVED

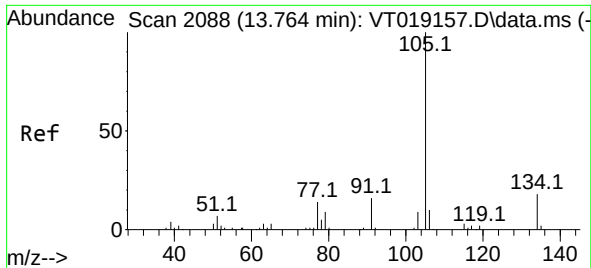
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.963 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion:105 Resp: 106986
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.6





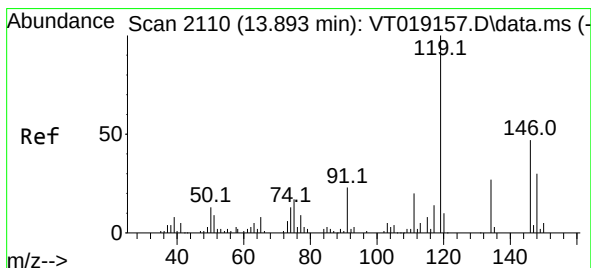
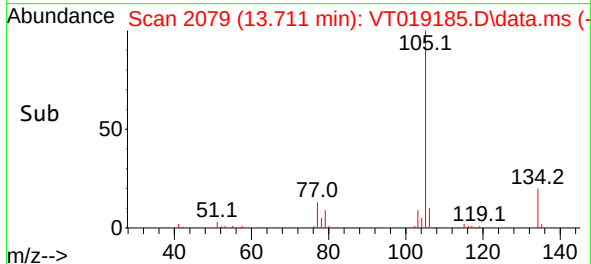
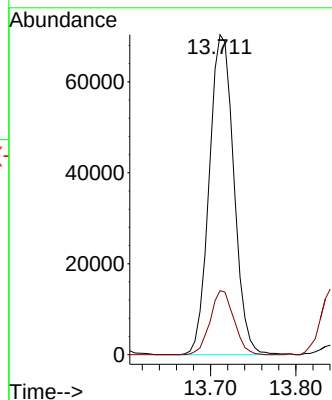
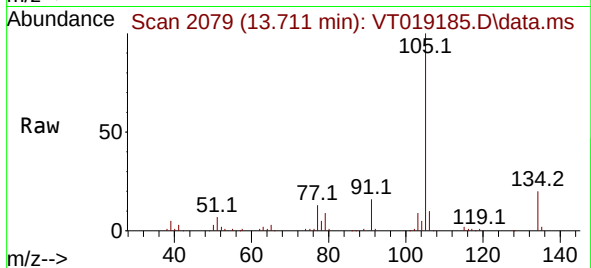
#81
 sec-Butylbenzene
 Concen: 21.459 ug/l
 RT: 13.711 min Scan# 2088
 Delta R.T. -0.053 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBSD01

Tgt Ion:105 Resp: 141059
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

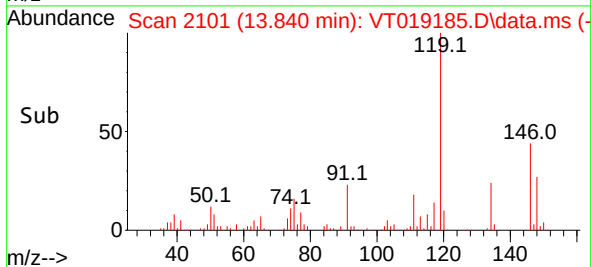
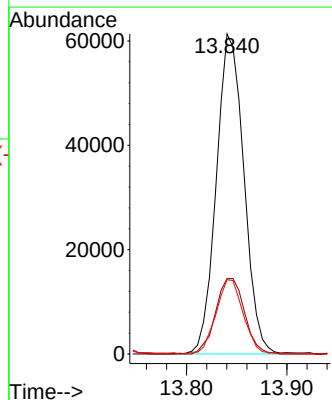
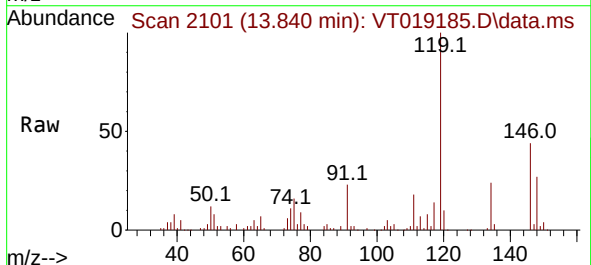
Manual Integrations
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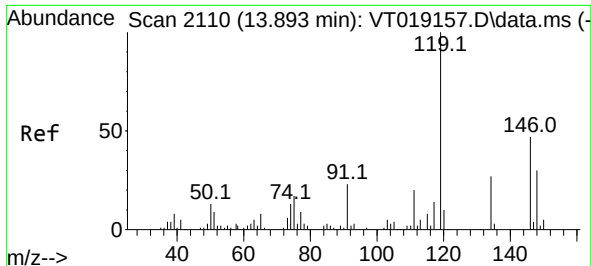
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#82
 p-Isopropyltoluene
 Concen: 21.400 ug/l
 RT: 13.840 min Scan# 2101
 Delta R.T. -0.053 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

Tgt Ion:119 Resp: 117025
 Ion Ratio Lower Upper
 119 100
 134 24.6 0.0 50.8
 91 22.9 0.0 51.0





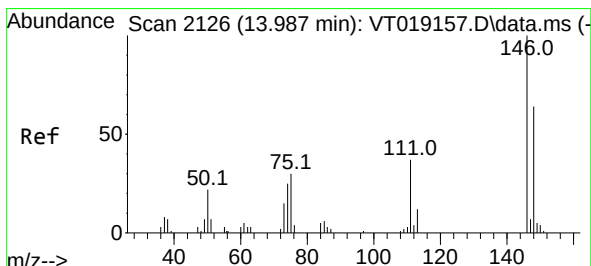
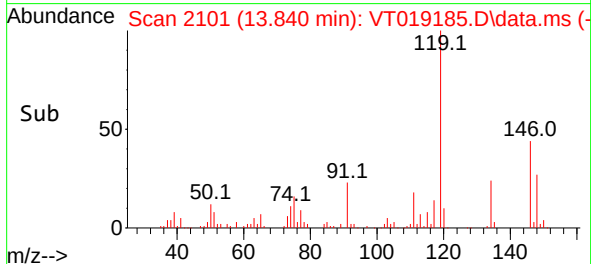
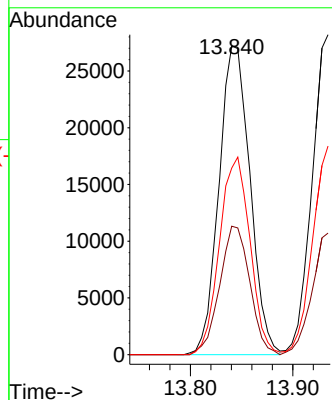
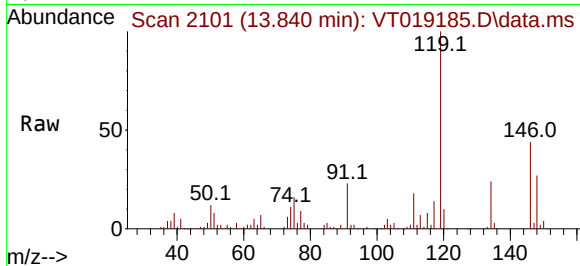
#83
1,3-Dichlorobenzene
Concen: 19.907 ug/l m
RT: 13.840 min Scan# 2110
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01

Tgt Ion:146 Resp: 57480
Ion Ratio Lower Upper
146 100
111 38.5 20.7 62.1
148 65.5 31.8 95.3

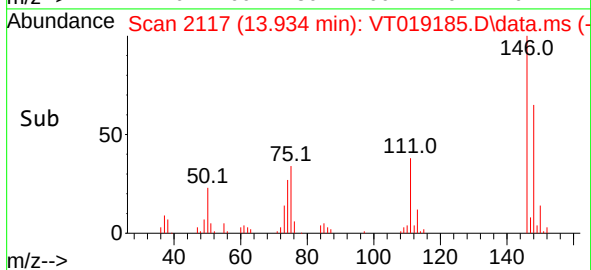
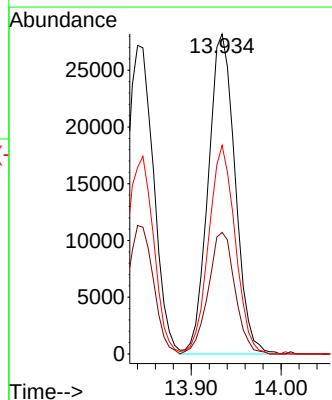
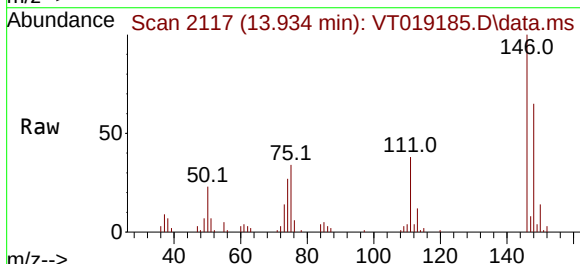
Manual Integrations
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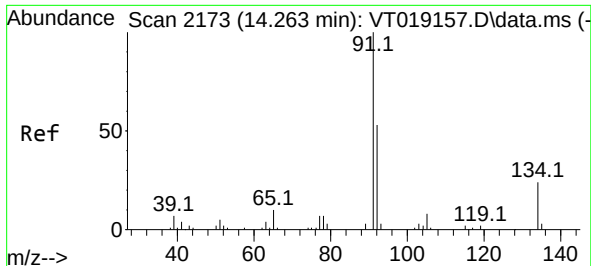
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#84
1,4-Dichlorobenzene
Concen: 20.193 ug/l
RT: 13.934 min Scan# 2117
Delta R.T. -0.047 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

Tgt Ion:146 Resp: 58702
Ion Ratio Lower Upper
146 100
111 37.7 20.4 61.3
148 64.2 32.3 96.8





#85

n-Butylbenzene

Concen: 21.427 ug/l

RT: 14.216 min Scan# 2173

Delta R.T. -0.047 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

Tgt Ion: 91 Resp: 107239

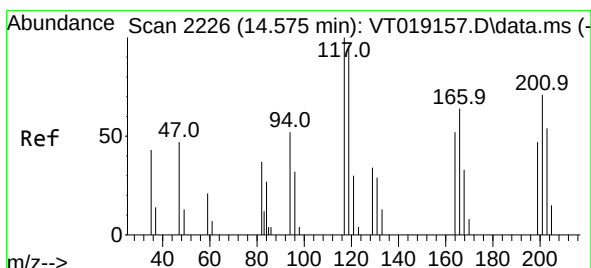
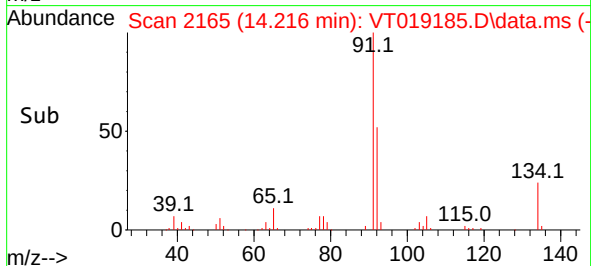
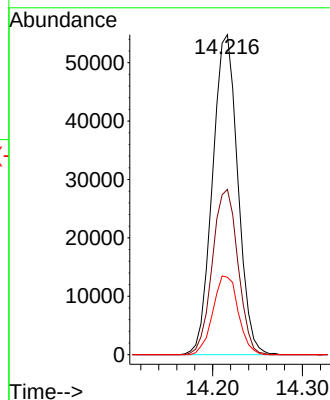
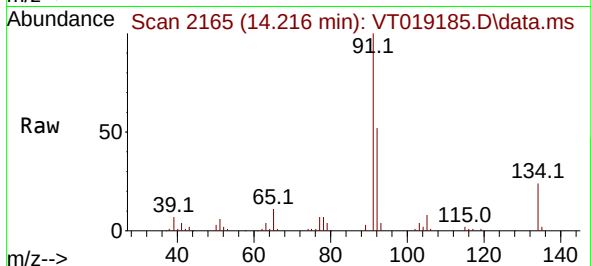
Ion	Ratio	Lower	Upper
91	100		
92	52.2	0.0	107.8
134	24.6	0.0	50.0

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#86

Hexachloroethane

Concen: 25.170 ug/l

RT: 14.522 min Scan# 2217

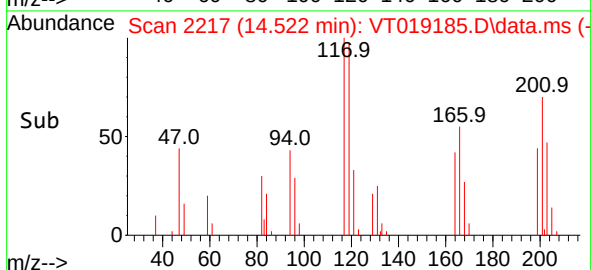
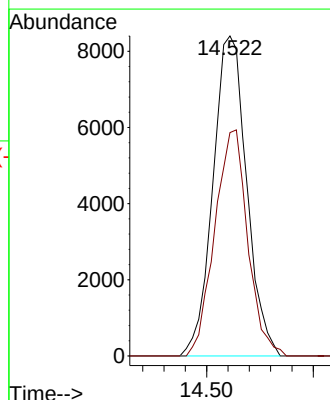
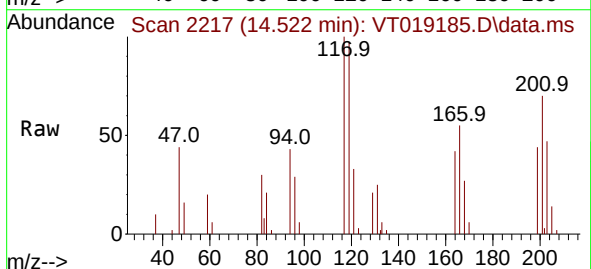
Delta R.T. -0.053 min

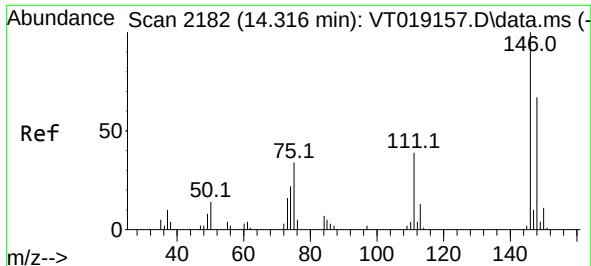
Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Tgt Ion:117 Resp: 18446

Ion	Ratio	Lower	Upper
117	100		
201	69.1	0.5	1.5#





#87

1,2-Dichlorobenzene

Concen: 20.106 ug/l

RT: 14.269 min Scan# 2182

Delta R.T. -0.047 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBSD01

Tgt Ion:146 Resp: 5799

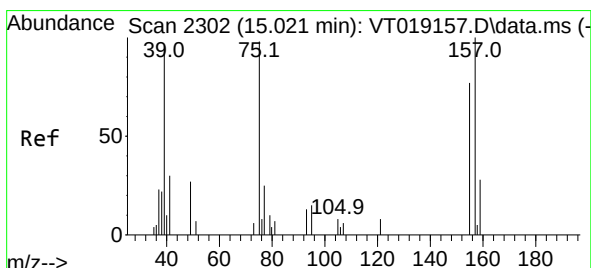
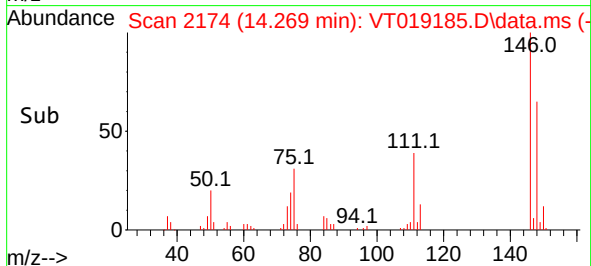
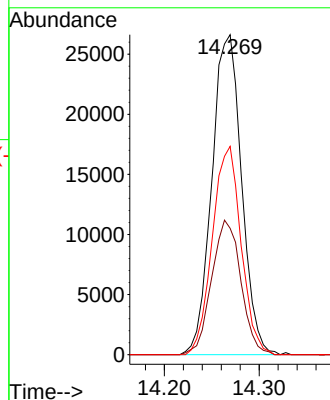
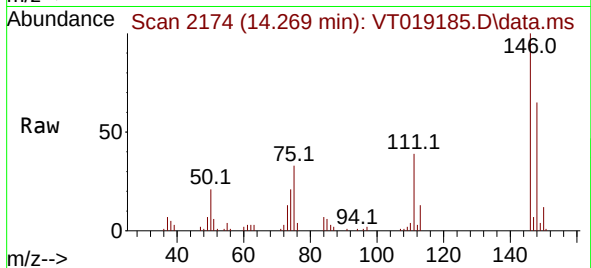
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.8	65.3
148	63.0	32.4	97.0

Manual Integrations

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Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.026 ug/l

RT: 14.968 min Scan# 2293

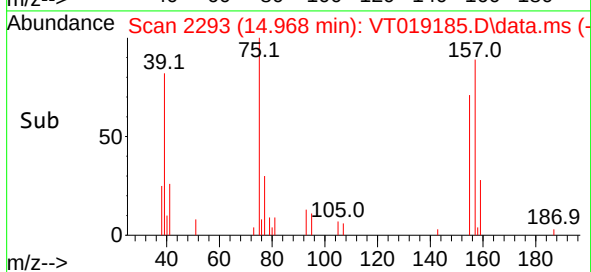
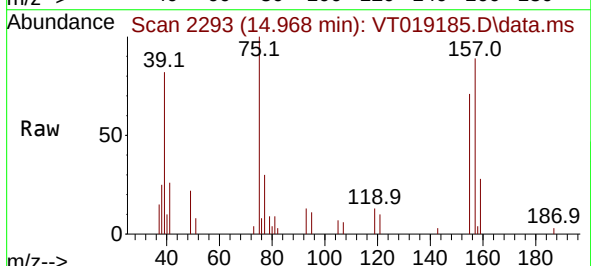
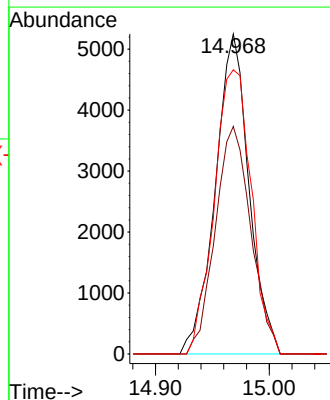
Delta R.T. -0.053 min

Lab File: VT019185.D

Acq: 27 Oct 2025 8:48

Tgt Ion: 75 Resp: 10808

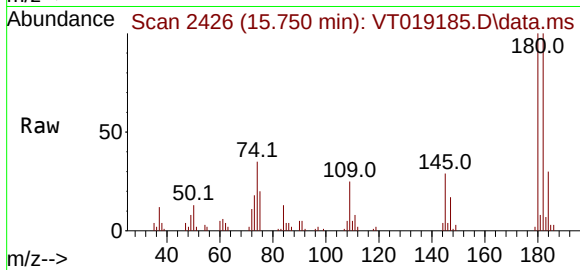
Ion	Ratio	Lower	Upper
75	100		
155	75.3	65.4	98.2
157	97.4	82.0	123.0





#89
 1,2,4-Trichlorobenzene
 Concen: 20.608 ug/l
 RT: 15.750 min Scan# 2436
 Delta R.T. -0.059 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48

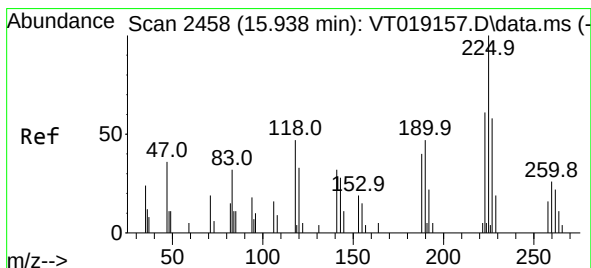
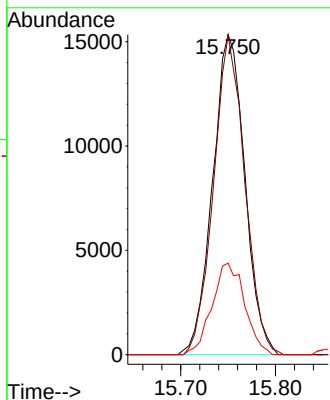
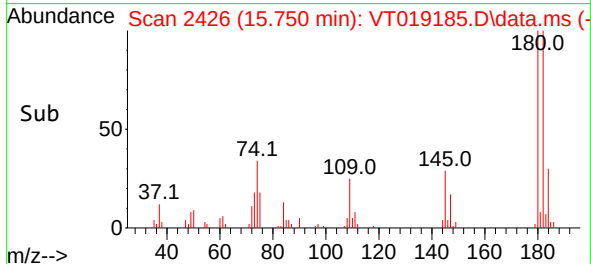
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBSD01



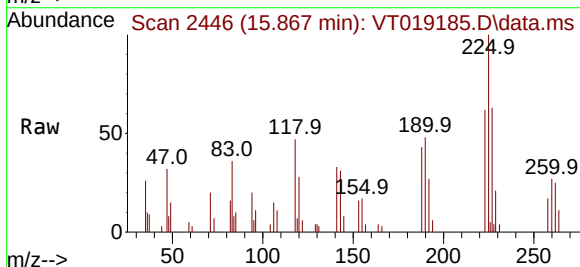
Tgt Ion:180 Resp: 3618
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.2 117.2
 145 29.0 26.5 39.7

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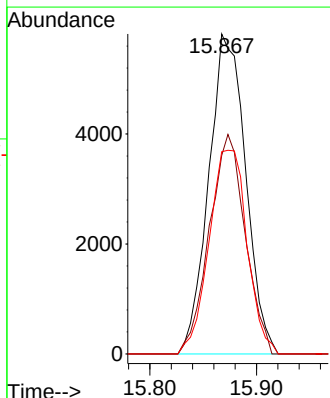
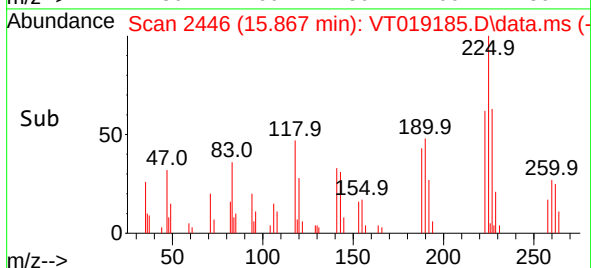
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

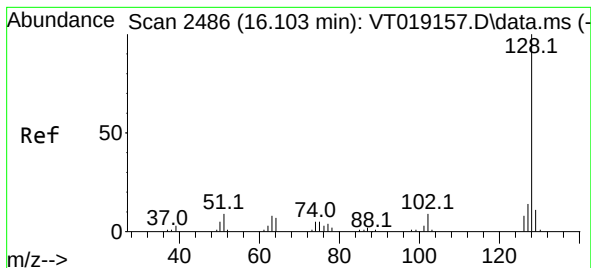


#90
 Hexachlorobutadiene
 Concen: 23.996 ug/l
 RT: 15.867 min Scan# 2446
 Delta R.T. -0.071 min
 Lab File: VT019185.D
 Acq: 27 Oct 2025 8:48



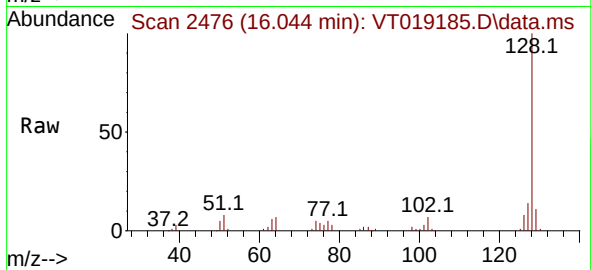
Tgt Ion:225 Resp: 13971
 Ion Ratio Lower Upper
 225 100
 223 66.7 0.0 73.8
 227 65.6 0.0 130.6





#91
Naphthalene
Concen: 19.291 ug/l
RT: 16.044 min Scan# 2486
Delta R.T. -0.053 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48

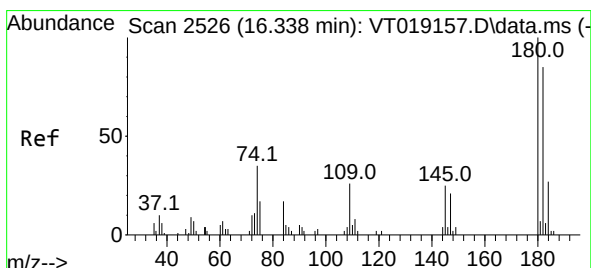
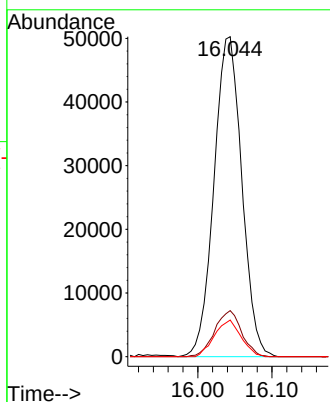
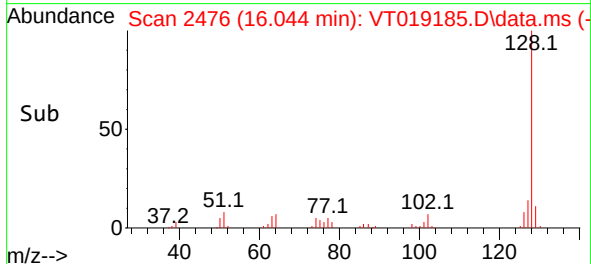
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBSD01



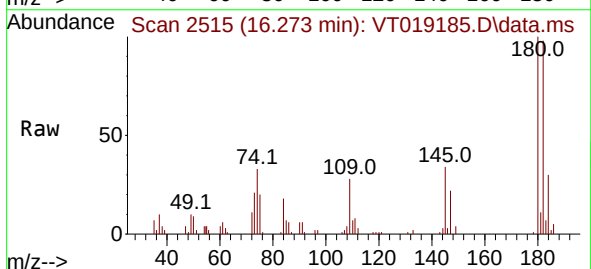
Tgt Ion:128 Resp: 130929
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 10.9 9.0 13.4

Manual Integrations
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Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.836 ug/l
RT: 16.273 min Scan# 2515
Delta R.T. -0.065 min
Lab File: VT019185.D
Acq: 27 Oct 2025 8:48



Tgt Ion:180 Resp: 36931
Ion Ratio Lower Upper
180 100
182 94.7 0.0 189.0
145 30.7 0.0 69.2

