

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019170.D
 Acq On : 23 Oct 2025 14:16
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 06:43:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.066	128	21693	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	8.564	114	136569	30.000	ug/l	-0.01
57) Chlorobenzene-d5	11.743	117	115257	30.000	ug/l	-0.01
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	57911	30.471	ug/l	-0.02
Spiked Amount 30.000	Range	91 - 110	Recovery	= 101.567%		
60) 4-Bromofluorobenzene	12.877	95	53775	29.686	ug/l	-0.01
Spiked Amount 30.000	Range	63 - 112	Recovery	= 98.967%		
63) Toluene-d8	10.245	98	166698	29.715	ug/l	-0.01
Spiked Amount 30.000	Range	91 - 112	Recovery	= 99.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.878	85	14028	23.563	ug/l	99
3) Chloromethane	2.107	50	27689m	20.262	ug/l	
4) Vinyl Chloride	2.195	62	32370	21.195	ug/l	95
5) Bromomethane	2.542	94	24542	19.349	ug/l	85
6) Chloroethane	2.689	64	25216	18.721	ug/l	97
7) Trichlorofluoromethane	2.982	101	52069	21.023	ug/l	99
8) Diethyl Ether	3.352	74	27130	17.790	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.676	101	24606	25.304	ug/l	96
10) 1,1-Dichloroethene	3.658	96	22933	23.542	ug/l	88
11) Methyl Iodide	3.864	142	20094	21.167	ug/l #	14
12) Methyl Acetate	4.216	43	74986	19.466	ug/l	96
13) Acrolein	3.529	56	13305	102.409	ug/l	98
14) Acrylonitrile	4.833	53	110965	93.456	ug/l	97
15) Acetone	3.728	58	40402	95.505	ug/l	98
16) Carbon Disulfide	3.964	76	40375	22.191	ug/l	98
17) Allyl chloride	4.210	41	48843	21.092	ug/l	88
18) Methylene Chloride	4.422	84	27703	19.067	ug/l	94
19) trans-1,2-Dichloroethene	6.678	96	30996	20.681	ug/l	97
20) Diisopropyl ether	5.791	45	116601	19.781	ug/l #	69
21) 1,1-Dichloroethane	5.685	63	55665	20.209	ug/l	99
22) cis-1,2-Dichloroethene	6.678	96	30996	20.681	ug/l	93
23) tert-Butyl Alcohol	4.657	59	48571	93.371	ug/l #	100
24) Methyl tert-Butyl Ether	4.898	73	112228	19.173	ug/l	95
25) Chloroform	7.254	83	52066	20.664	ug/l	99
26) Cyclohexane	7.553	56	37679	23.311	ug/l #	100
29) 1,1-Dichloropropene	7.700	75	32565	22.788	ug/l	96
30) 2-Butanone	6.690	43	160371	91.045	ug/l	99
31) 2,2-Dichloropropane	6.678	77	45789	21.885	ug/l	94
32) 1,1,1-Trichloroethane	7.459	97	39874	22.147	ug/l #	75
33) Carbon Tetrachloride	7.677	117	27041	23.441	ug/l #	99
34) Benzene	7.965	78	110191	20.813	ug/l #	80
35) Methacrylonitrile	7.036	41	29967	19.987	ug/l	94
36) 1,2-Dichloroethane	8.059	62	38264	19.495	ug/l	98
37) Trichloroethene	8.840	130	21050	21.612	ug/l	94
38) Methylcyclohexane	9.105	83	35625	24.755	ug/l	98
39) 1,2-Dichloropropane	9.152	63	27895	20.117	ug/l	92
40) Dibromomethane	9.252	93	16401	19.183	ug/l #	74
41) Bromodichloromethane	10.773	83	21811	19.860	ug/l #	92
42) Vinyl Acetate	5.732	43	424436	98.211	ug/l	99

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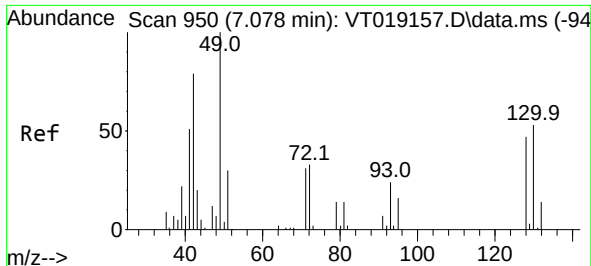
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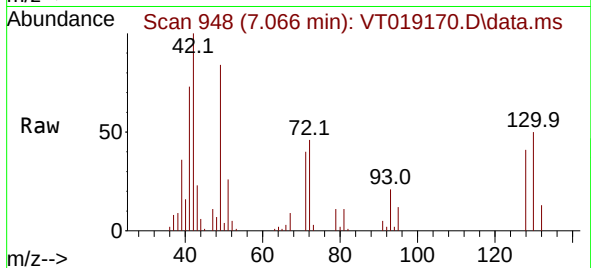
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.784	43	57760	19.948	ug/l	100
44) Isopropyl Acetate	8.106	43	86959	19.082	ug/l	98
45) 1,4-Dioxane	9.246	88	15746	398.279	ug/l #	76
46) Methyl methacrylate	9.246	41	38867	19.074	ug/l	89
47) n-amyl Acetate	12.489	43	60910	19.862	ug/l	99
48) t-1,3-Dichloropropene	10.574	75	41007	20.578	ug/l	96
49) cis-1,3-Dichloropropene	9.957	75	42676	20.387	ug/l	98
50) 1,1,2-Trichloroethane	10.779	97	24619	19.577	ug/l #	80
51) Ethyl methacrylate	10.626	69	47638	20.214	ug/l	94
52) 1,3-Dichloropropane	10.938	76	44161	19.662	ug/l	98
53) Dibromochloromethane	11.167	129	23960	20.425	ug/l #	2
54) 1,2-Dibromoethane	11.284	107	23025	19.686	ug/l	98
55) 2-Chloroethyl vinyl ether	9.798	63	63965	93.062	ug/l	99
56) Bromoform	12.559	173	16047	20.809	ug/l #	24
58) 4-Methyl-2-Pentanone	10.121	43	259256	91.851	ug/l	98
59) 2-Hexanone	10.121	43	259256	91.851	ug/l #	83
61) Tetrachloroethene	10.856	164	16577	22.755	ug/l	95
62) Toluene	10.315	91	107209	20.767	ug/l	98
64) Chlorobenzene	11.772	112	65775	20.859	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.854	131	21141	20.582	ug/l	93
66) Ethyl Benzene	11.854	91	119272	21.259	ug/l	94
67) m/p-Xylenes	11.984	106	89333	42.832	ug/l	99
68) o-Xylene	12.354	106	45336	21.059	ug/l	93
69) Styrene	12.371	104	79227	20.498	ug/l	96
70) Isopropylbenzene	12.701	105	118287	22.401	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.988	83	41094	19.834	ug/l	98
72) 1,2,3-Trichloropropane	13.047	75	33343m	21.802	ug/l	
73) Bromobenzene	13.018	156	26004	20.942	ug/l	67
74) n-propylbenzene	13.088	91	144831	22.746	ug/l	97
75) 2-Chlorotoluene	13.294	91	82572	21.183	ug/l	97
76) 1,3,5-Trimethylbenzene	13.247	105	96983	22.387	ug/l	96
77) t-1,4-Dichloro-2-butene	12.753	75	14649	19.713	ug/l	85
78) 4-Chlorotoluene	13.188	91	81543	21.207	ug/l	95
79) tert-butylbenzene	13.547	119	87485	22.738	ug/l	95
80) 1,2,4-Trimethylbenzene	13.599	105	98526	21.798	ug/l	99
81) sec-Butylbenzene	13.746	105	130925	23.616	ug/l	100
82) p-Isopropyltoluene	13.876	119	107272	23.259	ug/l	97
83) 1,3-Dichlorobenzene	13.881	146	50766	20.847	ug/l	99
84) 1,4-Dichlorobenzene	13.970	146	52026	21.219	ug/l	98
85) n-Butylbenzene	14.246	91	100606	23.834	ug/l	97
86) Hexachloroethane	14.557	117	15402	24.919	ug/l #	1
87) 1,2-Dichlorobenzene	14.299	146	50975	20.953	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	15.010	75	9090	19.970	ug/l	96
89) 1,2,4-Trichlorobenzene	15.791	180	32144	21.704	ug/l	98
90) Hexachlorobutadiene	15.920	225	12825	26.118	ug/l	82
91) Naphthalene	16.085	128	111321	19.447	ug/l	98
92) 1,2,3-Trichlorobenzene	16.314	180	31791	21.267	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.066 min Scan# 94
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

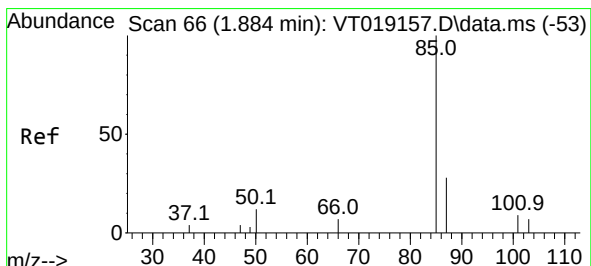
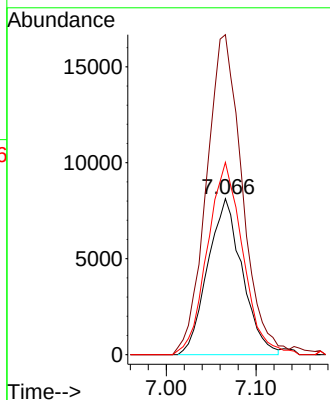
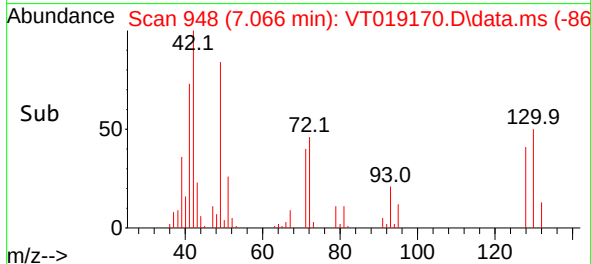
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



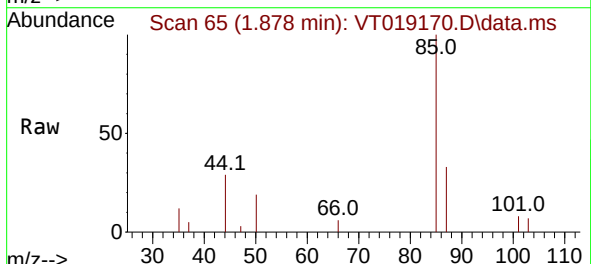
Tgt Ion:128 Resp: 2169
Ion Ratio Lower Upper
128 100
49 212.4 0.0 0.0
130 126.4 0.0 0.0

Manual Integrations
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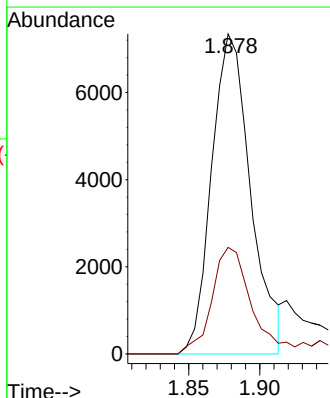
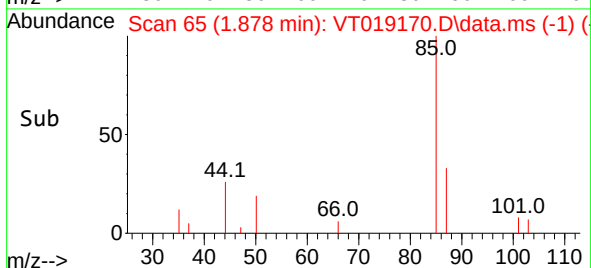
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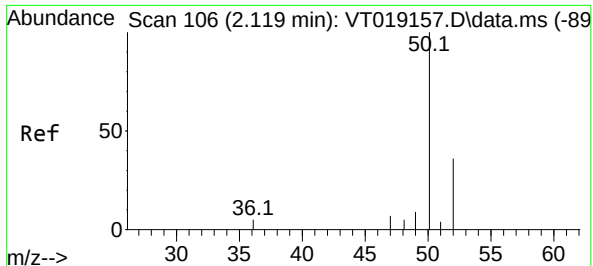


#2
Dichlorodifluoromethane
Concen: 23.563 ug/l
RT: 1.878 min Scan# 65
Delta R.T. -0.000 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16



Tgt Ion: 85 Resp: 14028
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





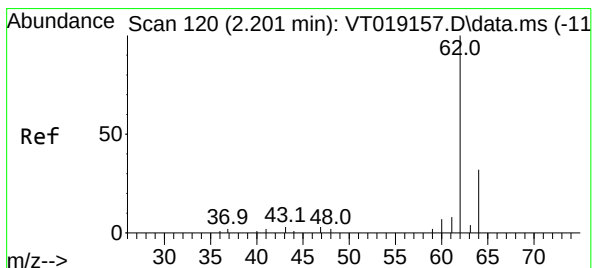
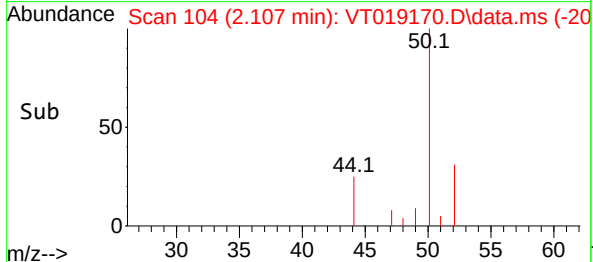
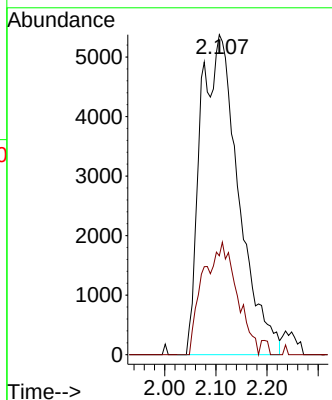
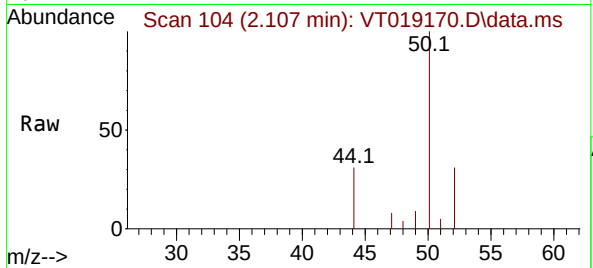
#3
Chloromethane
Concen: 20.262 ug/l m
RT: 2.107 min Scan# 10
Delta R.T. -0.006 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 27689
Ion Ratio Lower Upper
50 100
52 30.9 24.4 36.6

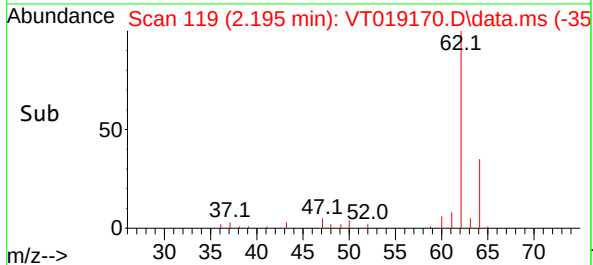
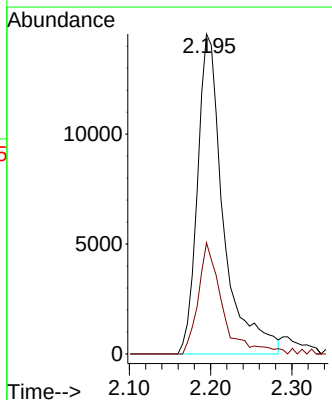
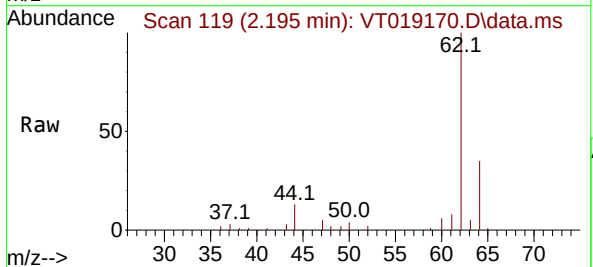
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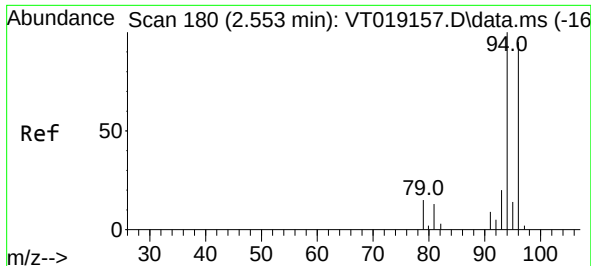
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#4
Vinyl Chloride
Concen: 21.195 ug/l
RT: 2.195 min Scan# 119
Delta R.T. -0.006 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 62 Resp: 32370
Ion Ratio Lower Upper
62 100
64 34.7 25.7 38.5





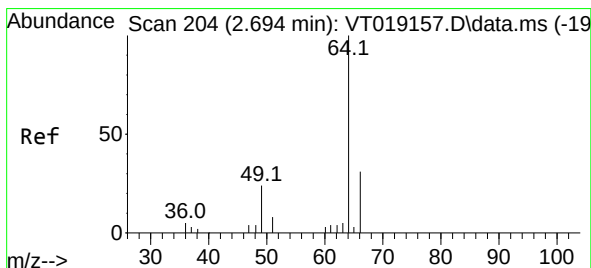
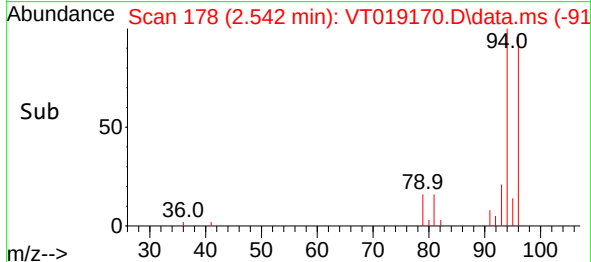
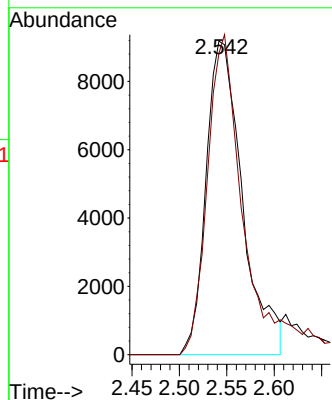
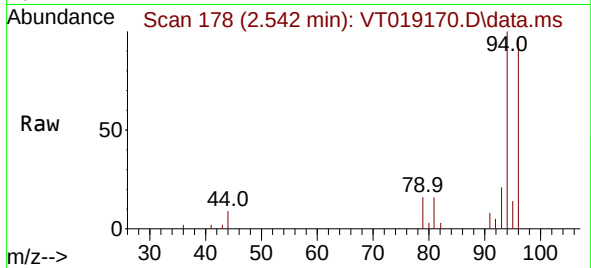
#5
Bromomethane
Concen: 19.349 ug/l
RT: 2.542 min Scan# 11
Delta R.T. 0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 2454
Ion Ratio Lower Upper
94 100
96 96.1 66.0 99.0

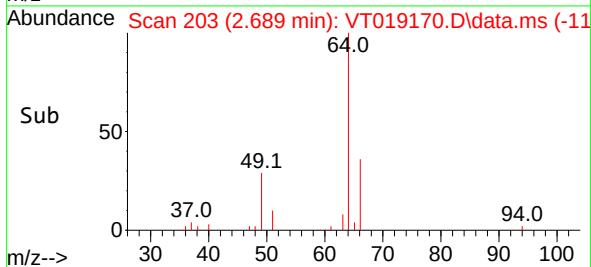
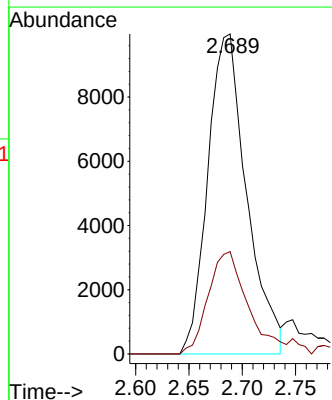
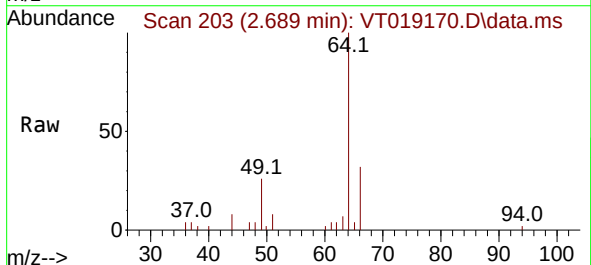
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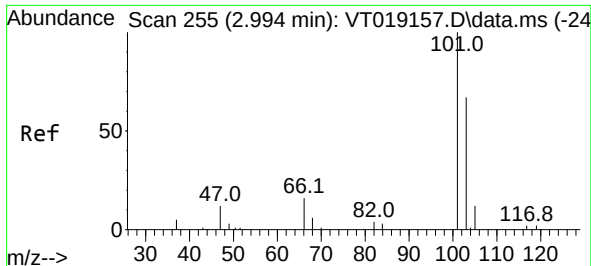
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 18.721 ug/l
RT: 2.689 min Scan# 203
Delta R.T. 0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

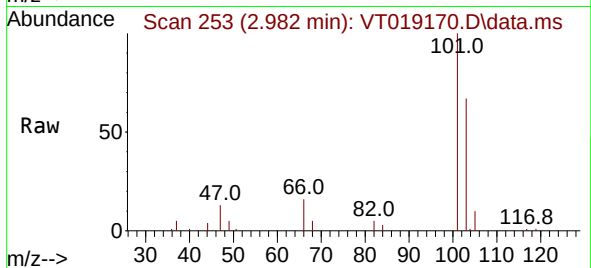
Tgt Ion: 64 Resp: 25216
Ion Ratio Lower Upper
64 100
66 32.0 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 21.023 ug/l
 RT: 2.982 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

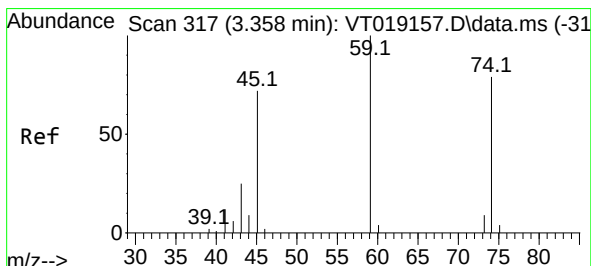
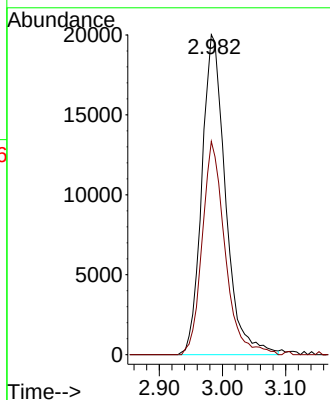
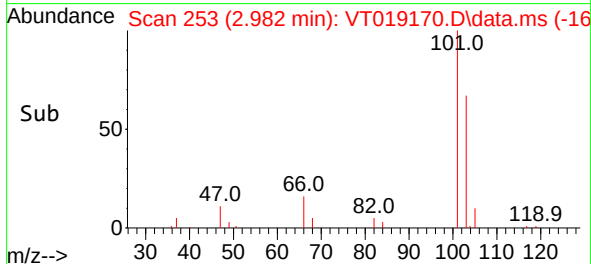
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Tgt Ion:101 Resp: 52069
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.4 78.6

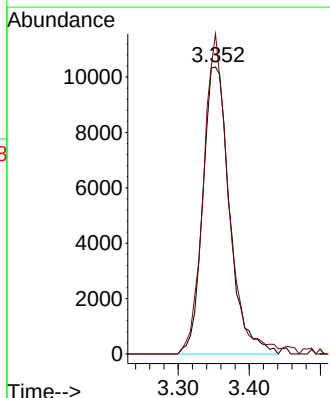
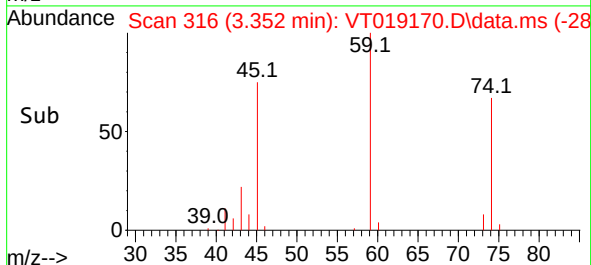
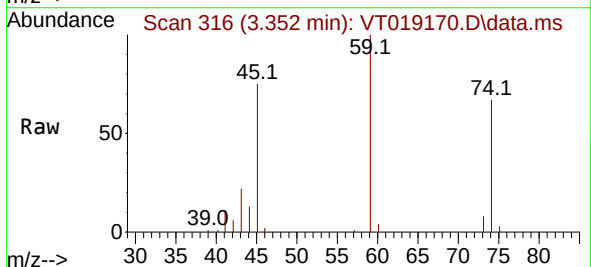
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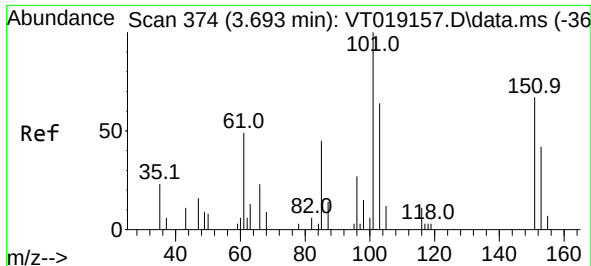
Reviewed By :John Carlone 10/24/2025
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#8
 Diethyl Ether
 Concen: 17.790 ug/l
 RT: 3.352 min Scan# 316
 Delta R.T. -0.006 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

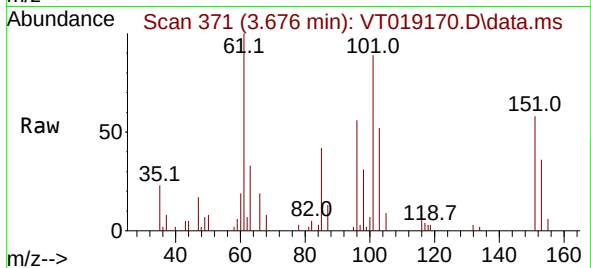
Tgt Ion: 74 Resp: 27130
 Ion Ratio Lower Upper
 74 100
 45 103.2 22.0 197.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.304 ug/l
RT: 3.676 min Scan# 31
Delta R.T. -0.006 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

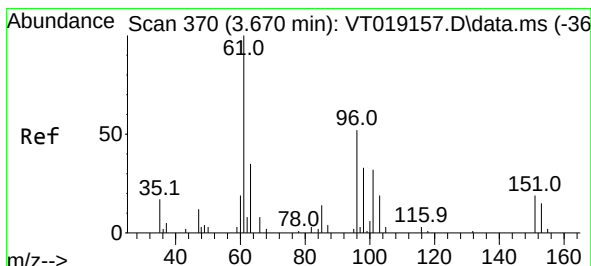
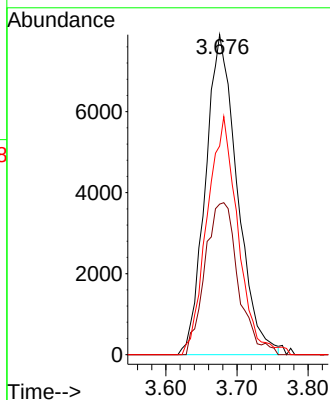
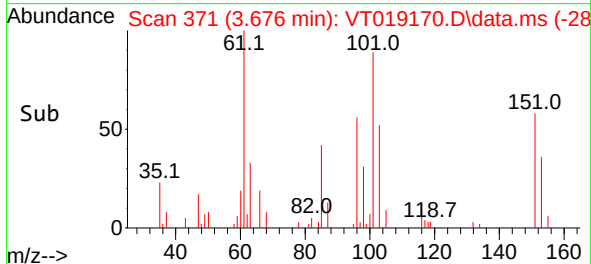
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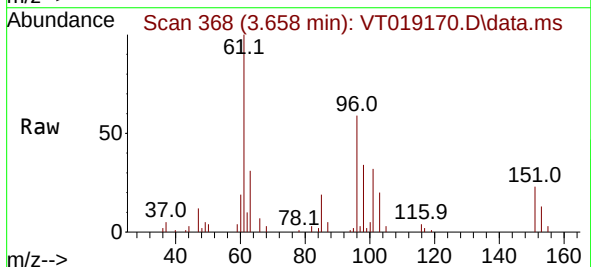
Tgt Ion:101 Resp: 24600
Ion Ratio Lower Upper
101 100
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151 71.4 0.0 137.2

Manual Integrations
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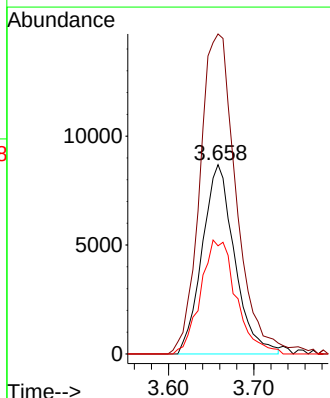
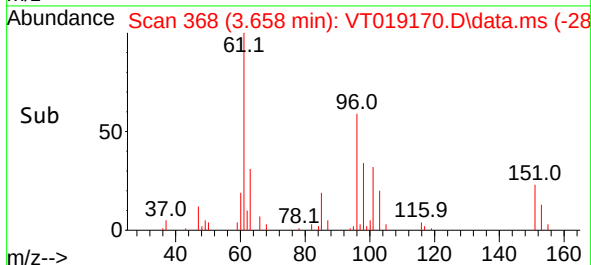
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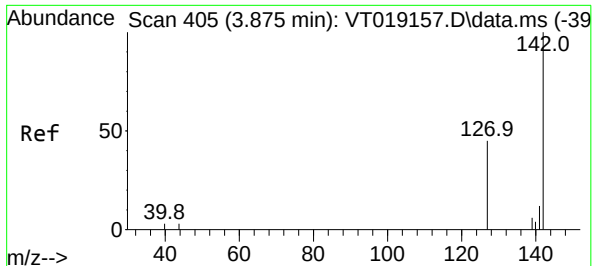


#10
1,1-Dichloroethene
Concen: 23.542 ug/l
RT: 3.658 min Scan# 368
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16



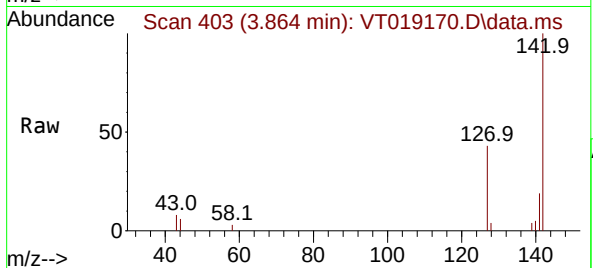
Tgt Ion: 96 Resp: 22933
Ion Ratio Lower Upper
96 100
61 163.4 145.5 218.3
98 54.7 49.5 74.3





#11
Methyl Iodide
Concen: 21.167 ug/l
RT: 3.864 min Scan# 405
Delta R.T. -0.006 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

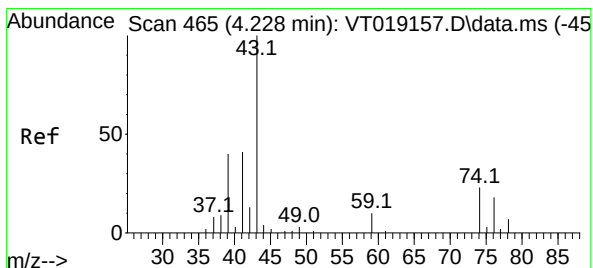
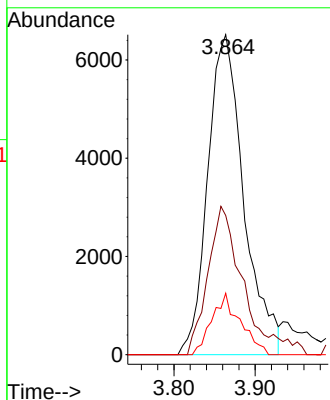
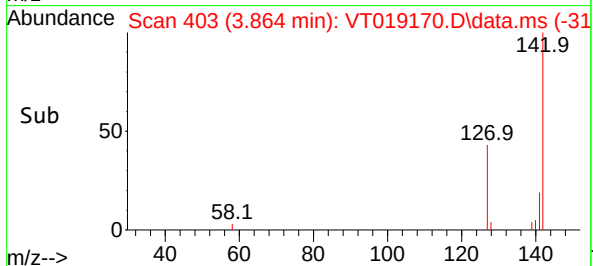
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 20094
Ion Ratio Lower Upper
142 100
127 42.8 0.9 2.8
141 20.1 55.5 166.5

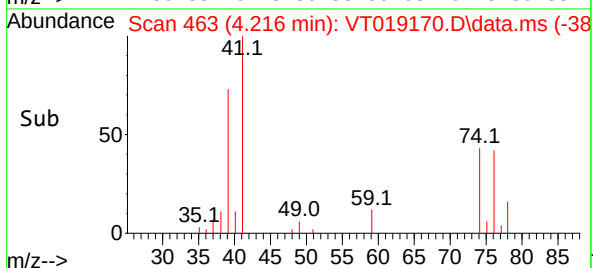
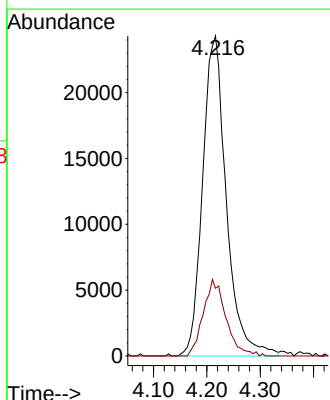
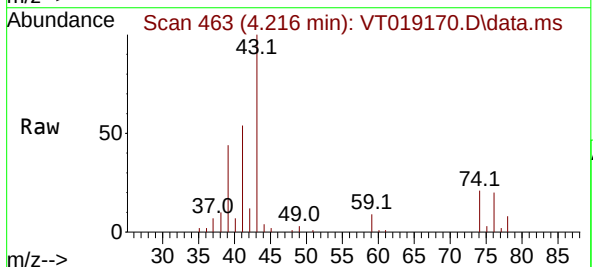
Manual Integrations
APPROVED

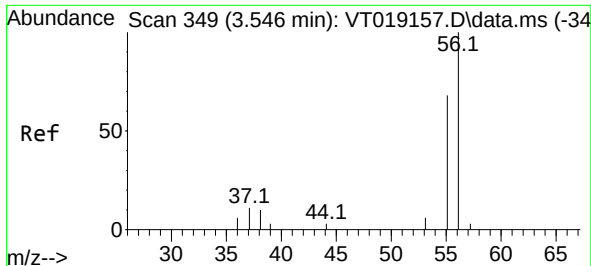
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 19.466 ug/l
RT: 4.216 min Scan# 463
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 43 Resp: 74986
Ion Ratio Lower Upper
43 100
74 21.3 18.4 27.6





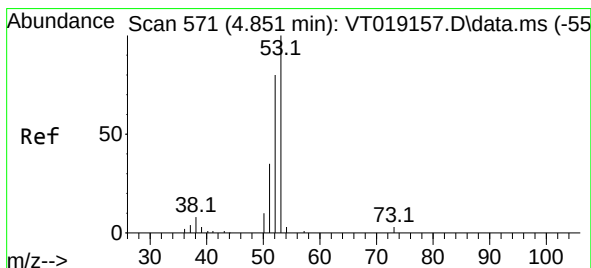
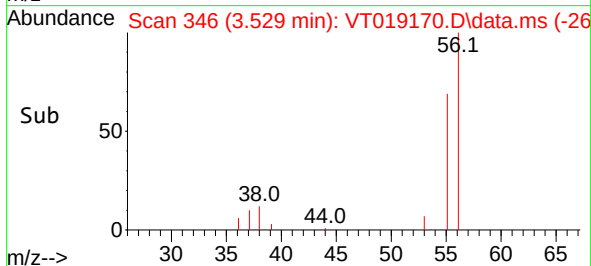
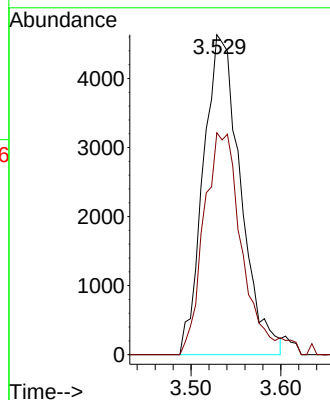
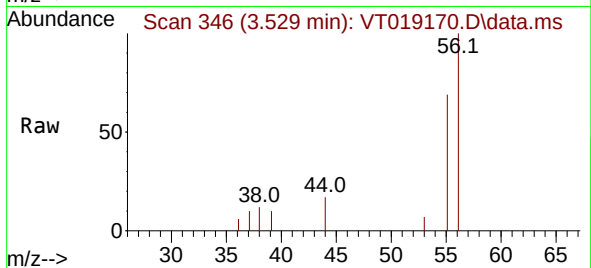
#13
Acrolein
Concen: 102.409 ug/l
RT: 3.529 min Scan# 349
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 13309
Ion Ratio Lower Upper
56 100
55 69.6 56.8 85.2

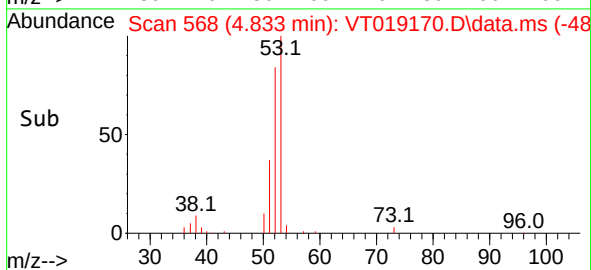
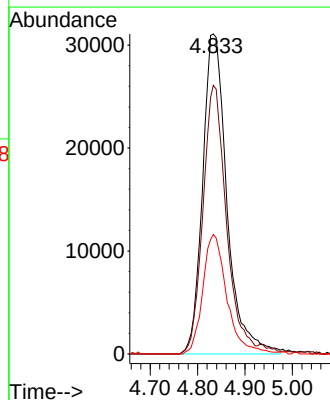
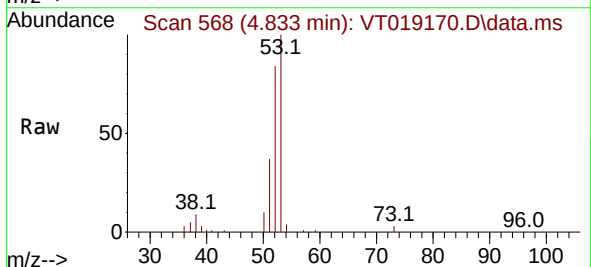
Manual Integrations
APPROVED

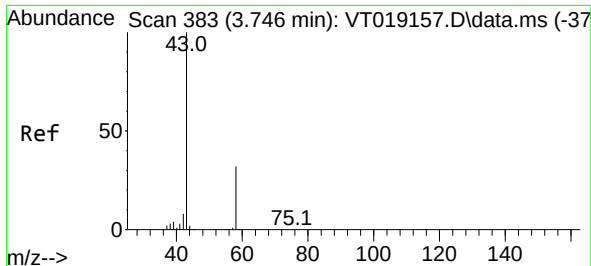
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Acrylonitrile
Concen: 93.456 ug/l
RT: 4.833 min Scan# 568
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 53 Resp: 110965
Ion Ratio Lower Upper
53 100
52 80.5 41.3 123.7
51 37.1 17.2 51.5





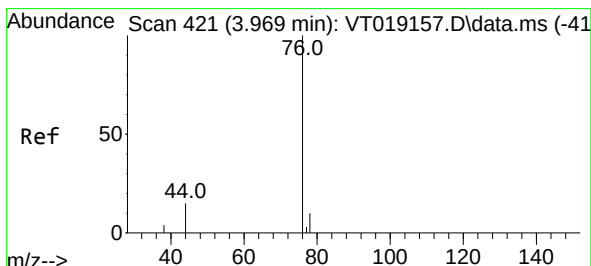
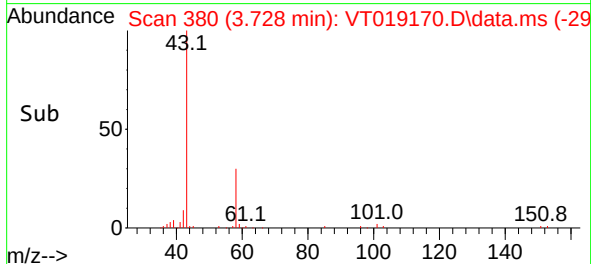
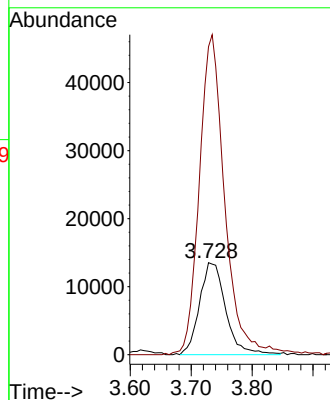
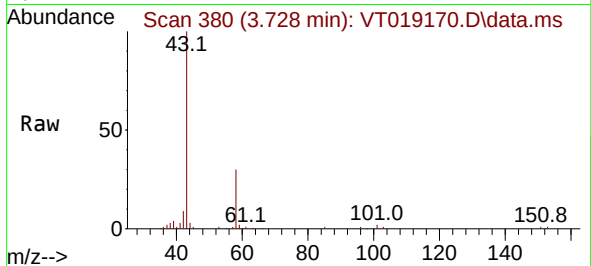
#15
Acetone
Concen: 95.505 ug/l
RT: 3.728 min Scan# 380
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 4040
Ion Ratio Lower Upper
58 100
43 330.4 266.9 400.3

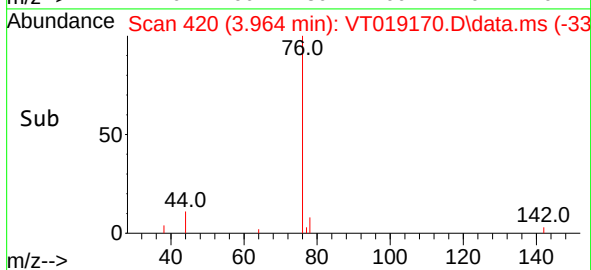
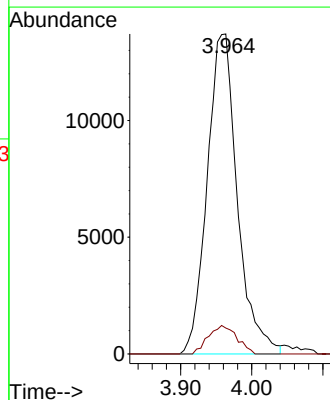
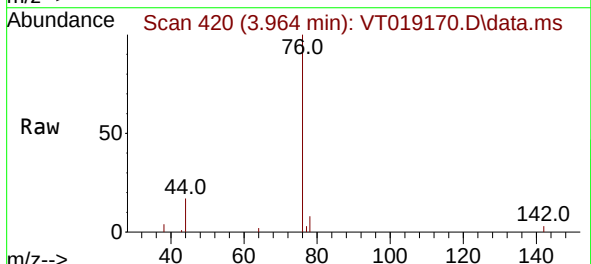
Manual Integrations
APPROVED

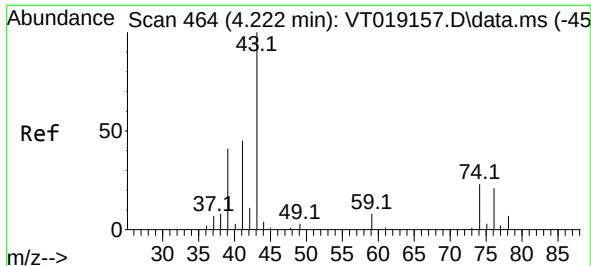
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 22.191 ug/l
RT: 3.964 min Scan# 420
Delta R.T. -0.000 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 76 Resp: 40375
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7





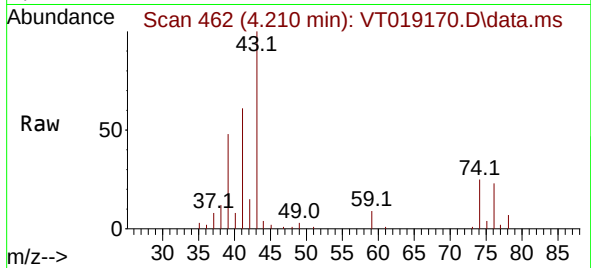
#17
 Allyl chloride
 Concen: 21.092 ug/l
 RT: 4.210 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

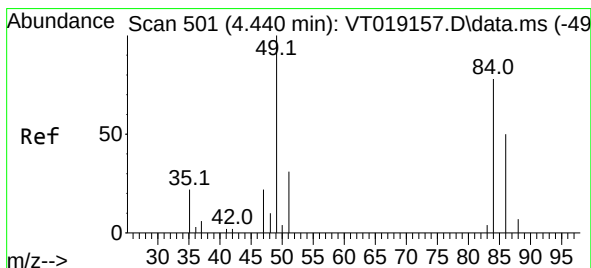
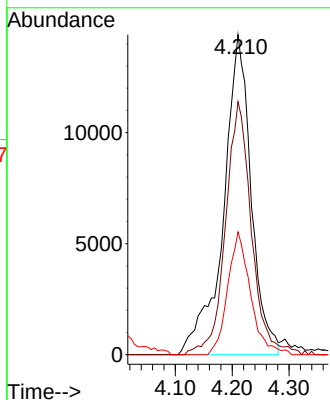
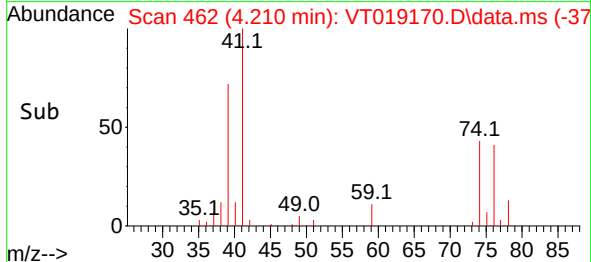


Tgt Ion: 41 Resp: 4884
 Ion Ratio Lower Upper
 41 100
 39 79.1 34.3 102.8
 76 38.3 16.7 50.0

Manual Integrations

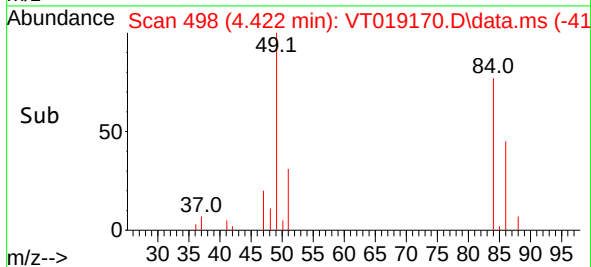
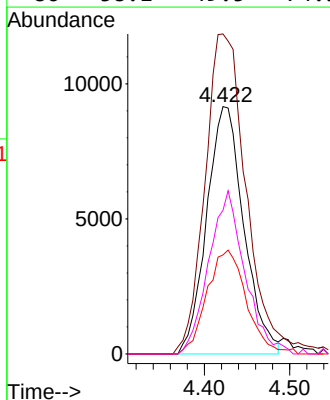
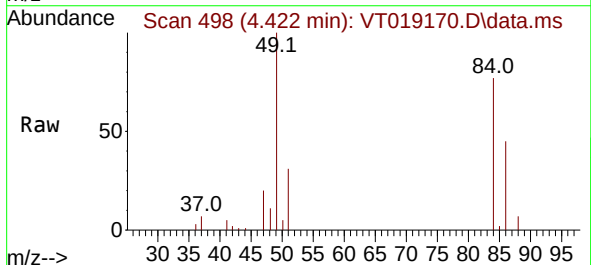
APPROVED

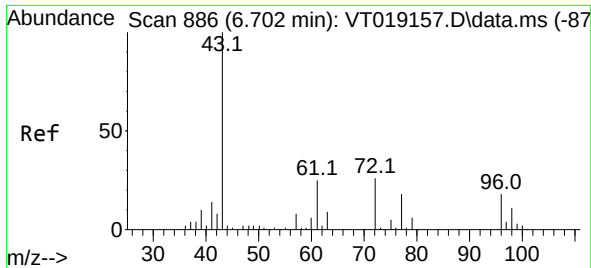
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#18
 Methylene Chloride
 Concen: 19.067 ug/l
 RT: 4.422 min Scan# 498
 Delta R.T. -0.006 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

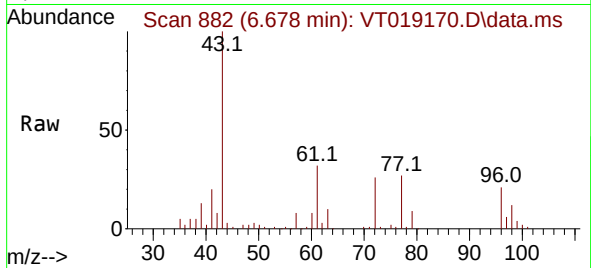
Tgt Ion: 84 Resp: 27703
 Ion Ratio Lower Upper
 84 100
 49 126.5 107.9 161.9
 51 40.0 33.4 50.2
 86 58.1 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 20.681 ug/l
RT: 6.678 min Scan# 886
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

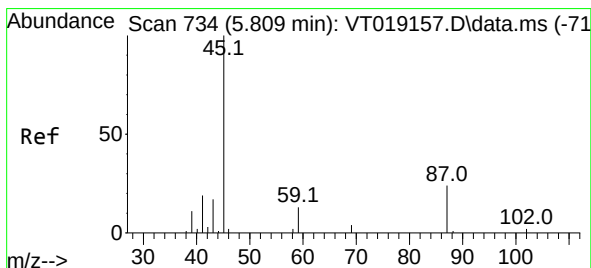
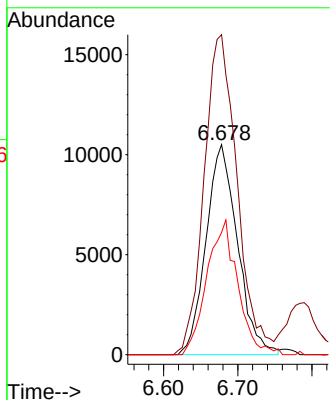
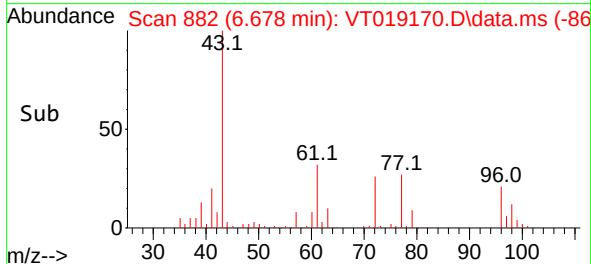
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 30990
Ion Ratio Lower Upper
96 100
61 150.4 122.3 183.5
98 58.2 50.2 75.2

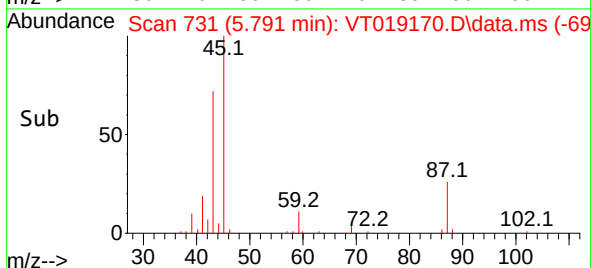
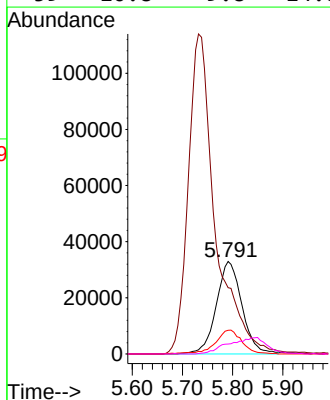
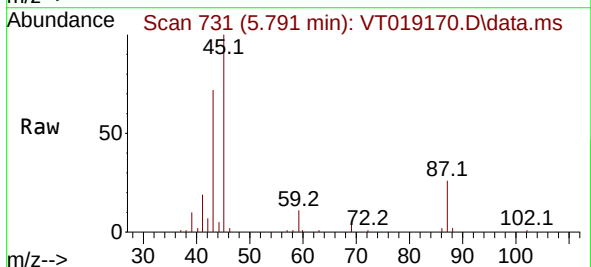
Manual Integrations
APPROVED

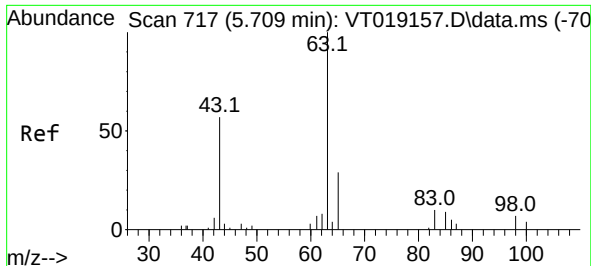
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Diisopropyl ether
Concen: 19.781 ug/l
RT: 5.791 min Scan# 731
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 45 Resp: 116601
Ion Ratio Lower Upper
45 100
43 68.4 89.1 133.7#
87 25.7 21.3 31.9
59 10.8 9.8 14.8





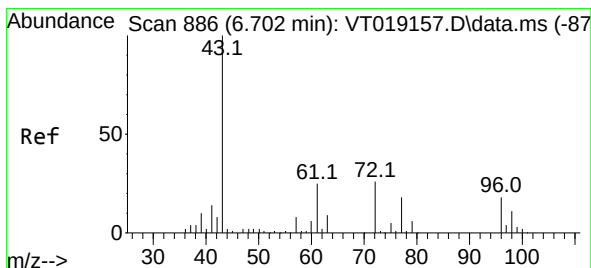
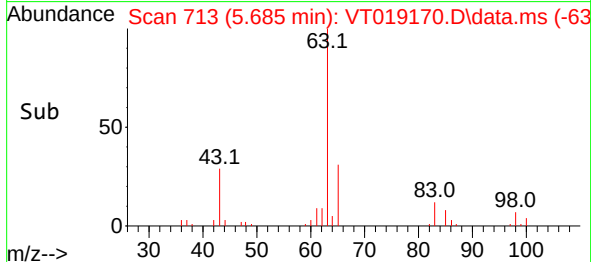
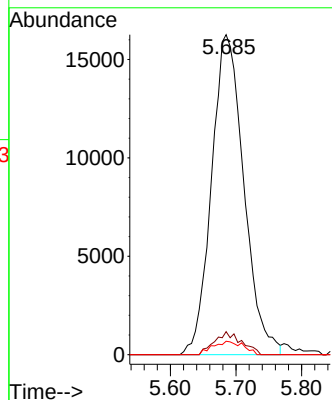
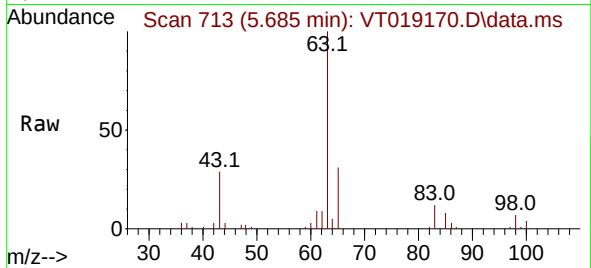
#21
1,1-Dichloroethane
Concen: 20.209 ug/l
RT: 5.685 min Scan# 713
Delta R.T. -0.024 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5566
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.5
100 4.2 2.2 6.6

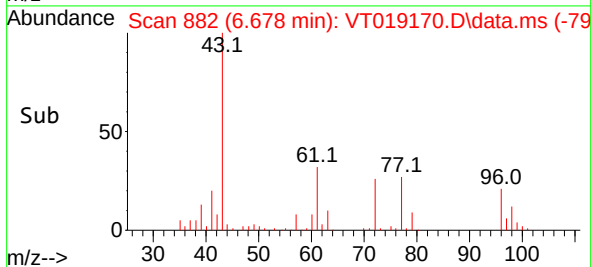
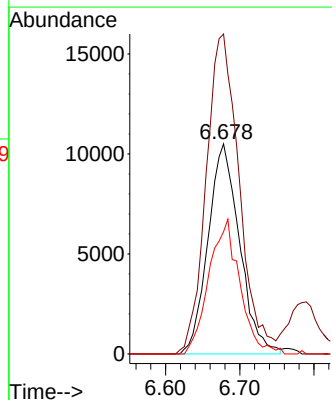
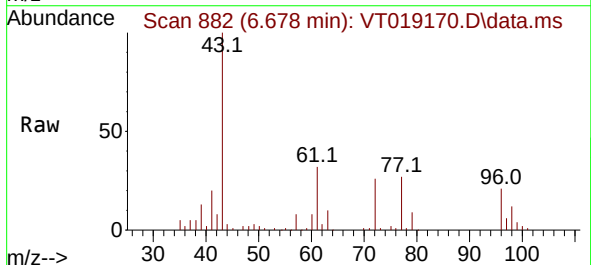
Manual Integrations
APPROVED

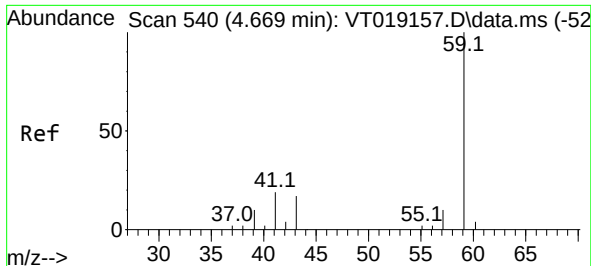
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 20.681 ug/l
RT: 6.678 min Scan# 882
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

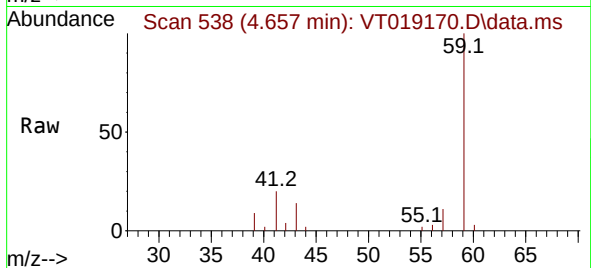
Tgt Ion: 96 Resp: 30996
Ion Ratio Lower Upper
96 100
61 159.3 120.0 180.0
98 61.4 52.8 79.2





#23
tert-Butyl Alcohol
Concen: 93.371 ug/l
RT: 4.657 min Scan# 51
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

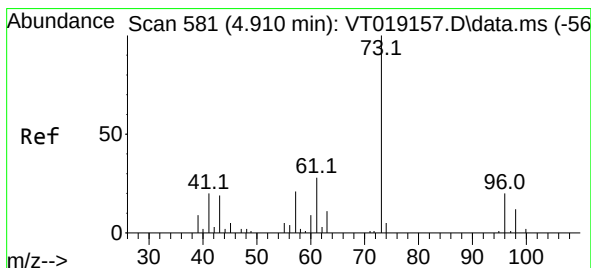
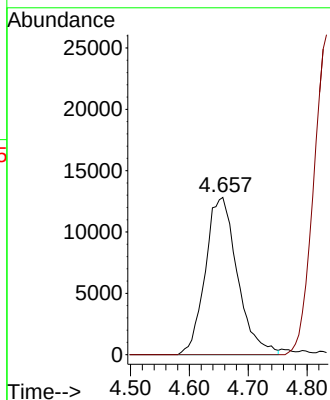
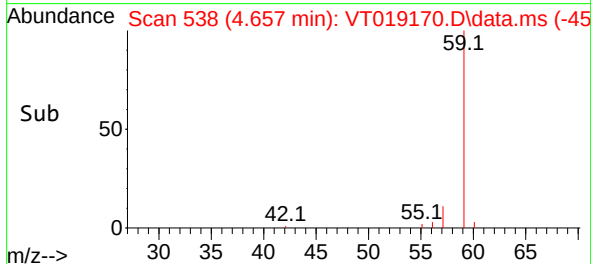
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



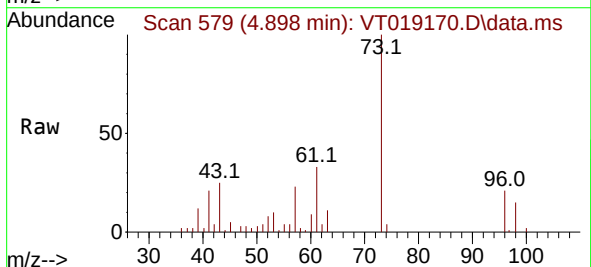
Tgt Ion: 59 Resp: 4857
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
APPROVED

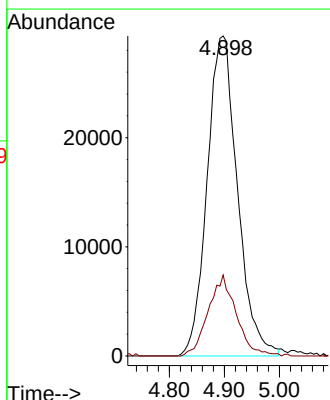
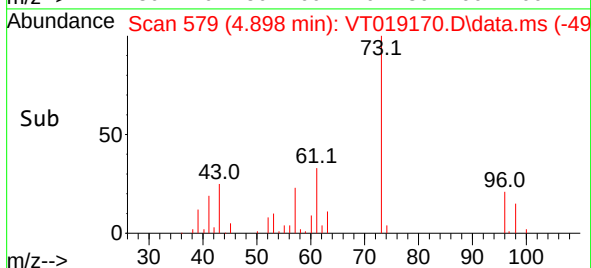
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

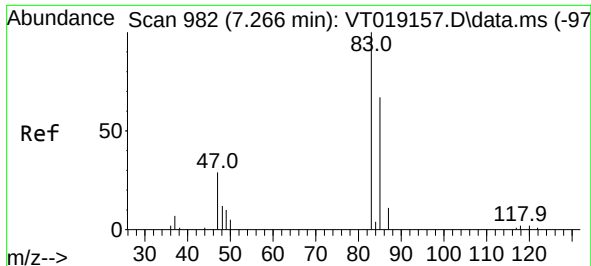


#24
Methyl tert-Butyl Ether
Concen: 19.173 ug/l
RT: 4.898 min Scan# 579
Delta R.T. -0.023 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16



Tgt Ion: 73 Resp: 112228
Ion Ratio Lower Upper
73 100
43 23.3 16.9 25.3





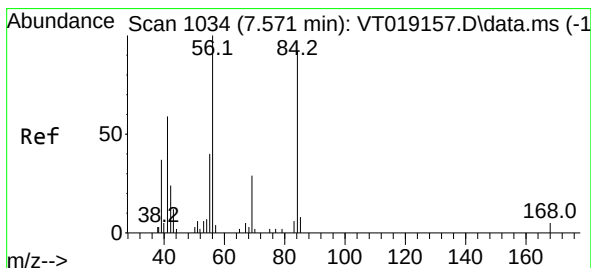
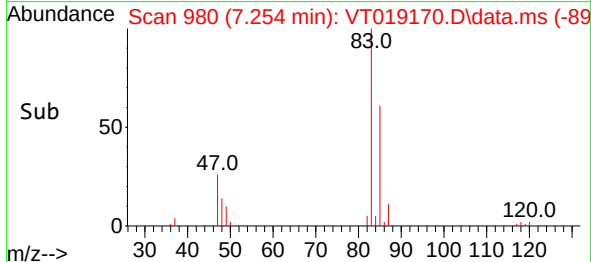
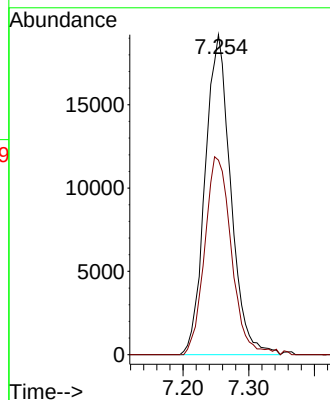
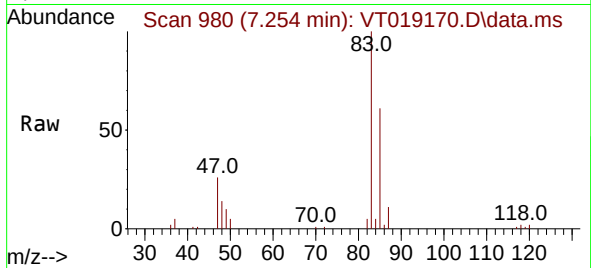
#25
Chloroform
Concen: 20.664 ug/l
RT: 7.254 min Scan# 91
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5206
Ion Ratio Lower Upper
83 100
85 60.8 48.0 72.0

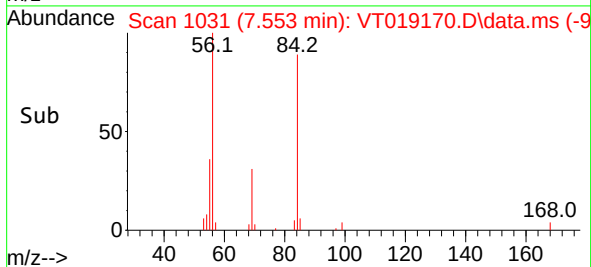
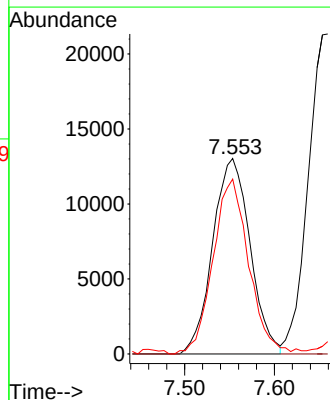
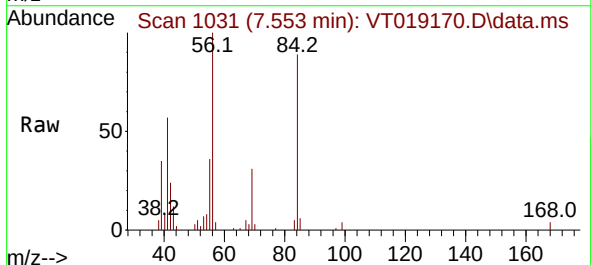
Manual Integrations
APPROVED

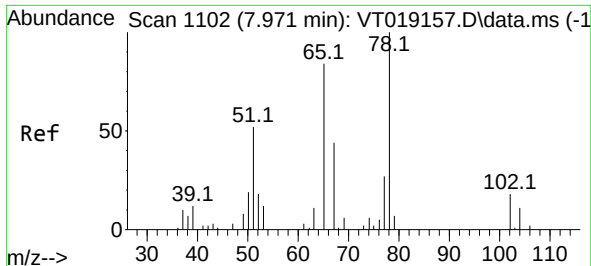
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 23.311 ug/l
RT: 7.553 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 56 Resp: 37679
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.2 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.471 ug/l

RT: 7.953 min Scan# 1099

Delta R.T. -0.018 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 5791

Ion Ratio Lower Upper

65 100

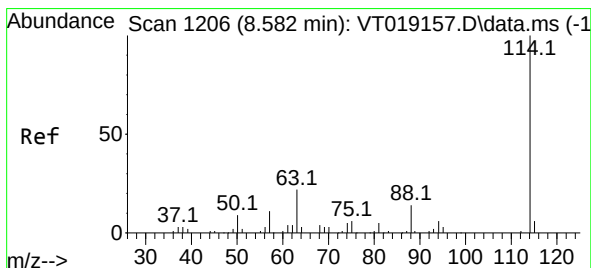
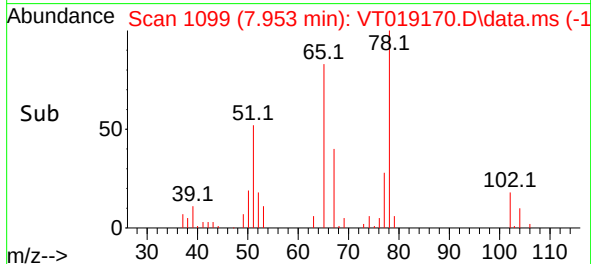
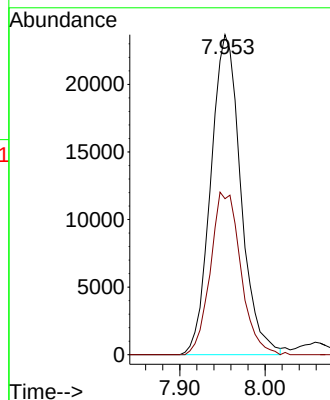
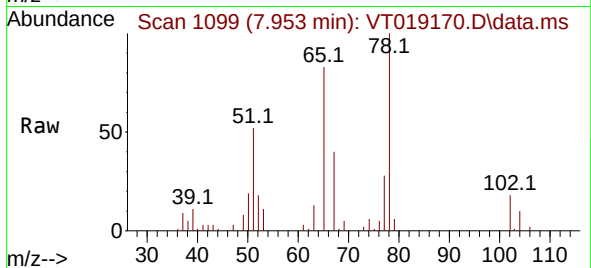
67 51.2 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.564 min Scan# 1203

Delta R.T. -0.012 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

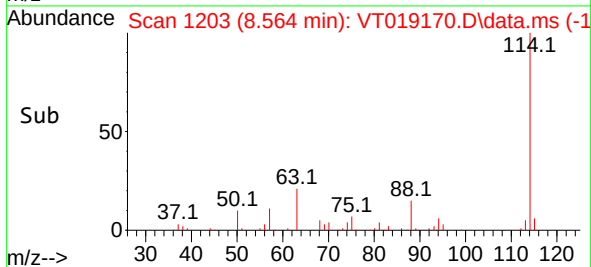
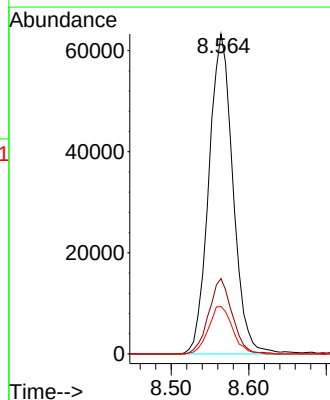
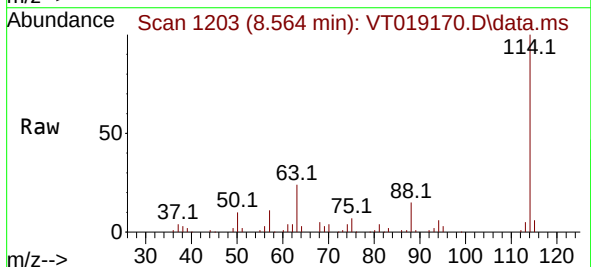
Tgt Ion:114 Resp: 136569

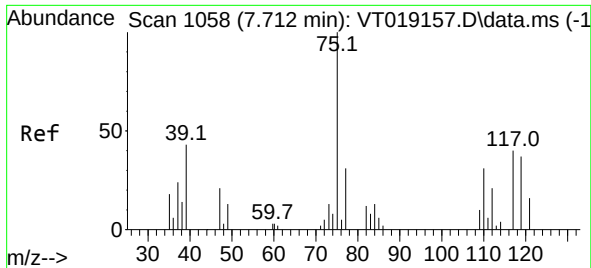
Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

88 14.9 13.0 19.6





#29

1,1-Dichloropropene

Concen: 22.788 ug/l

RT: 7.700 min Scan# 1105

Delta R.T. -0.012 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

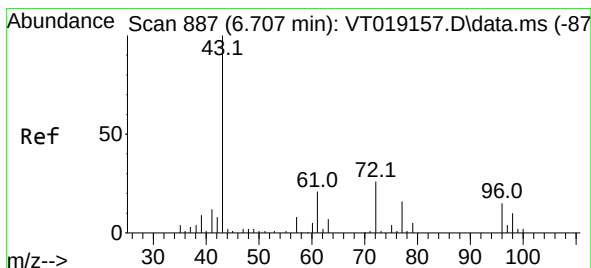
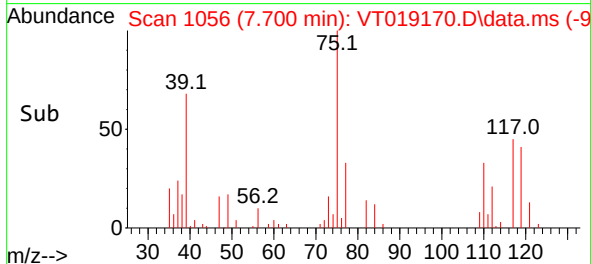
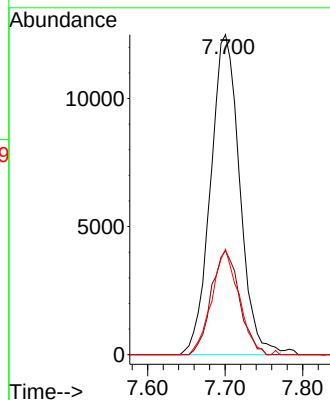
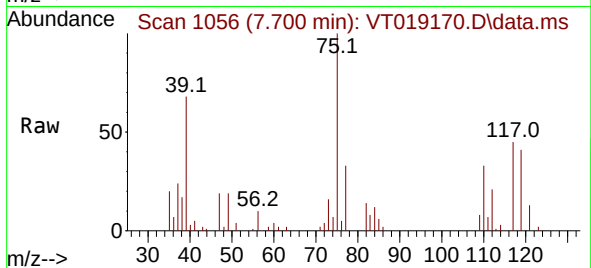
Tgt Ion:	75	Resp:	3256
Ion	Ratio	Lower	Upper
75	100		
110	31.5	0.0	70.8
77	30.7	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

2-Butanone

Concen: 91.045 ug/l

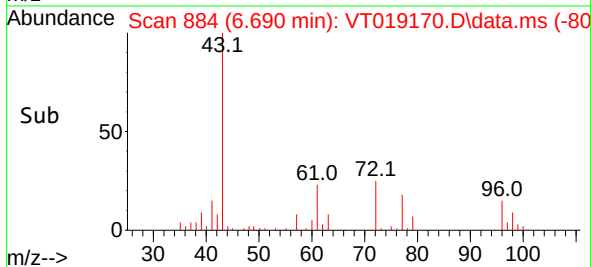
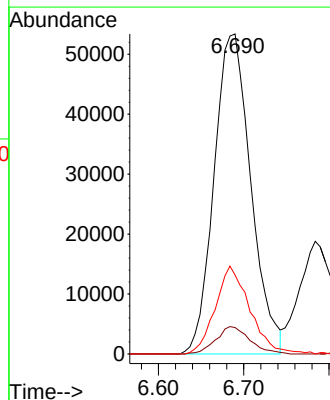
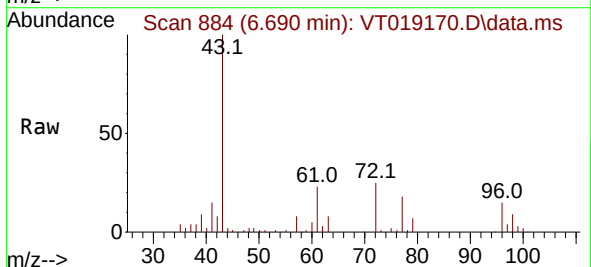
RT: 6.690 min Scan# 884

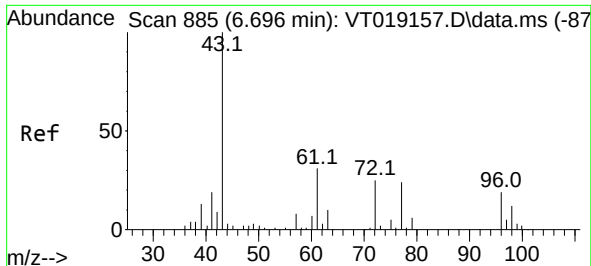
Delta R.T. -0.012 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

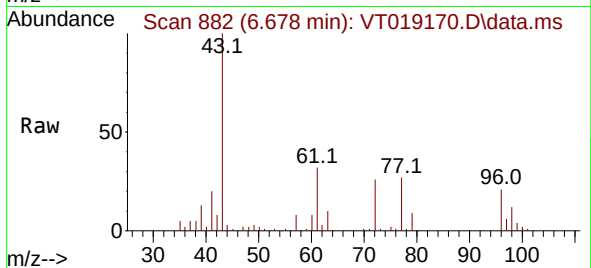
Tgt Ion:	43	Resp:	160371
Ion	Ratio	Lower	Upper
43	100		
57	7.9	5.9	8.9
72	25.7	20.2	30.2





#31
2,2-Dichloropropane
Concen: 21.885 ug/l
RT: 6.678 min Scan# 81
Delta R.T. -0.006 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

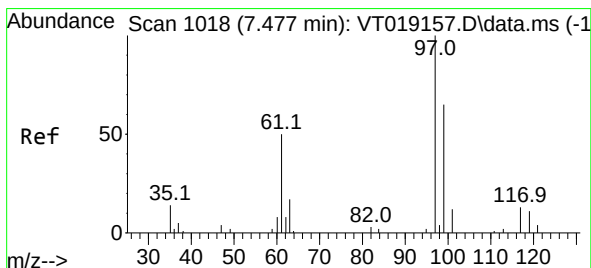
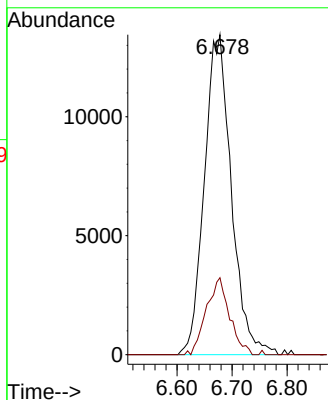
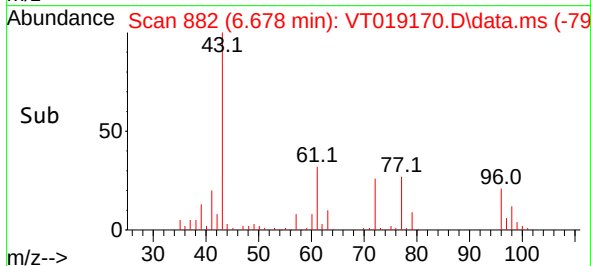
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 45789
Ion Ratio Lower Upper
77 100
97 20.6 14.5 21.7

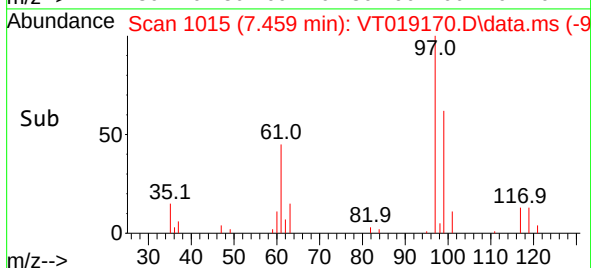
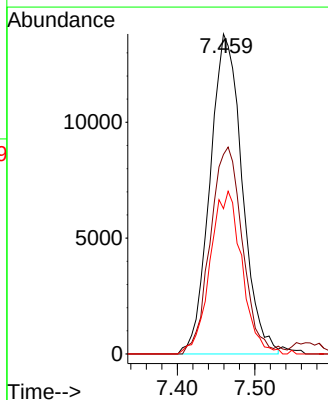
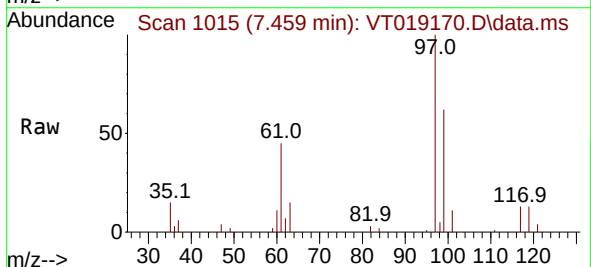
Manual Integrations
APPROVED

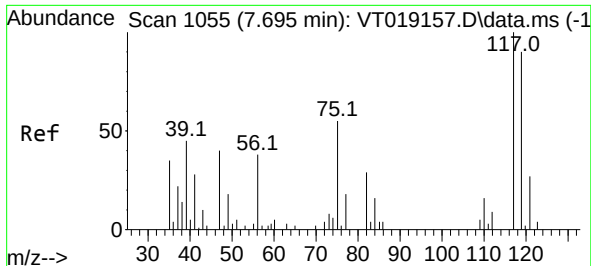
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 22.147 ug/l
RT: 7.459 min Scan# 1015
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

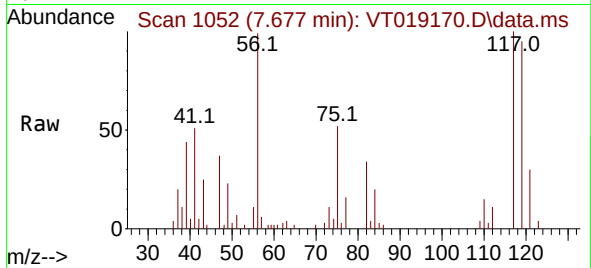
Tgt Ion: 97 Resp: 39874
Ion Ratio Lower Upper
97 100
99 64.5 30.0 45.0#
61 50.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 23.441 ug/l
RT: 7.677 min Scan# 1101
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

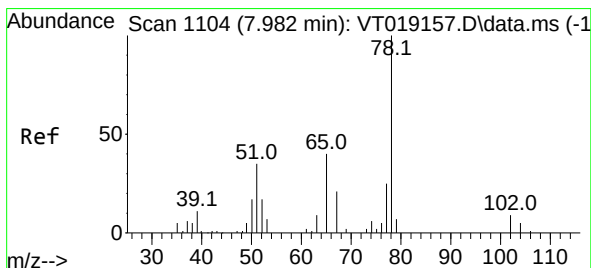
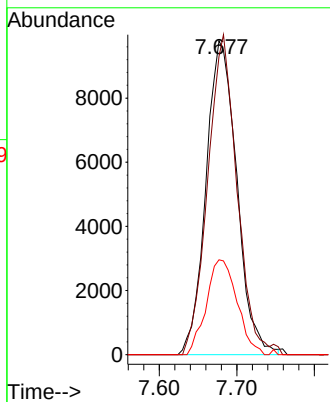
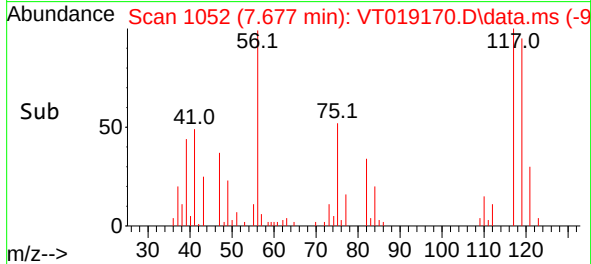
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



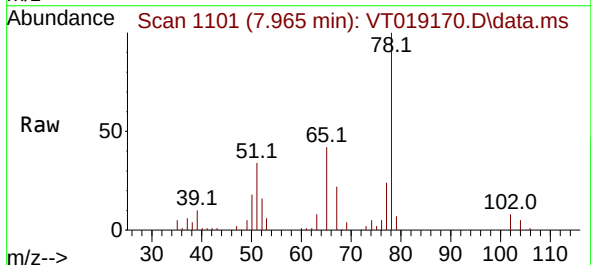
Tgt Ion:117 Resp: 2704
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
121 30.2 0.5 0.7

Manual Integrations
APPROVED

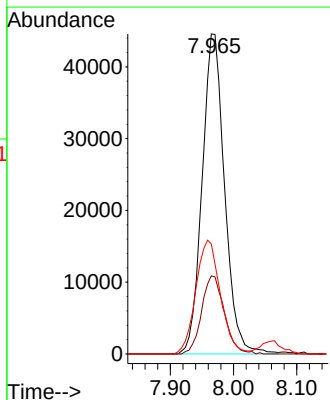
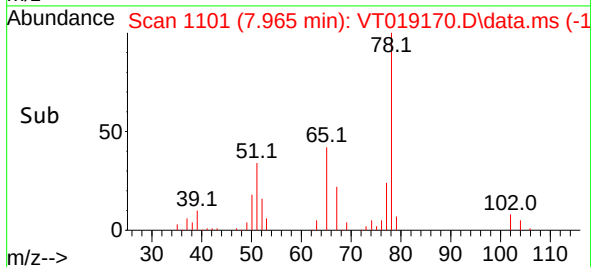
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

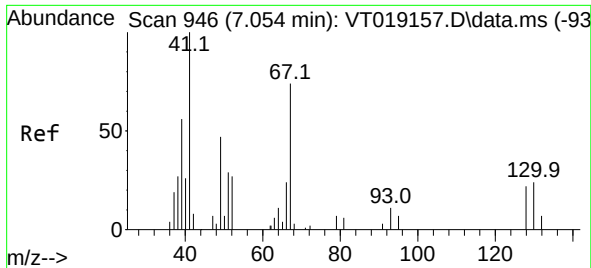


#34
Benzene
Concen: 20.813 ug/l
RT: 7.965 min Scan# 1101
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16



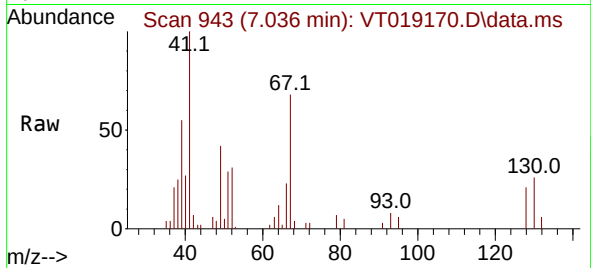
Tgt Ion: 78 Resp: 110191
Ion Ratio Lower Upper
78 100
77 24.4 17.6 26.4
51 33.7 13.8 20.6





#35
Methacrylonitrile
Concen: 19.987 ug/l
RT: 7.036 min Scan# 946
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

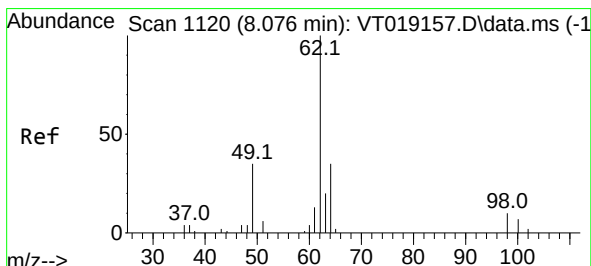
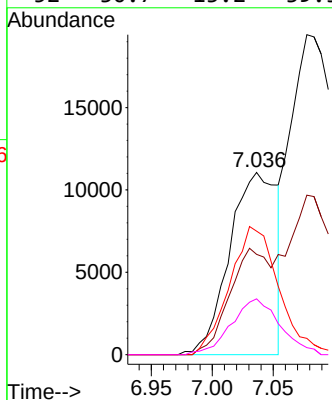
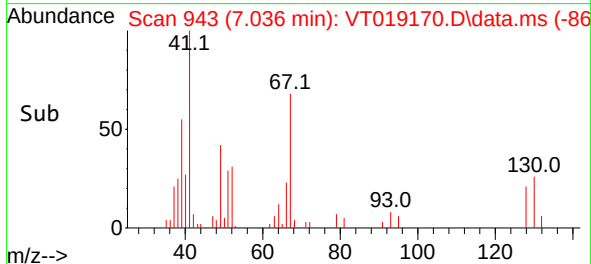
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:	41	Resp:	2996
Ion Ratio	100	Lower	Upper
39	55.1	26.2	78.5
67	67.8	31.4	94.3
52	30.7	13.2	39.5

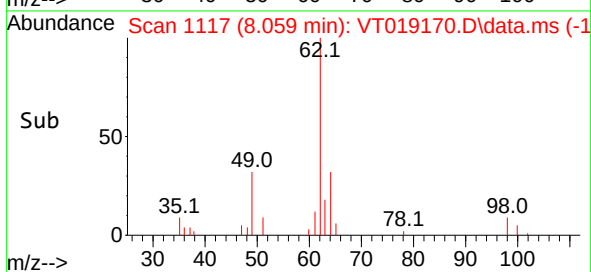
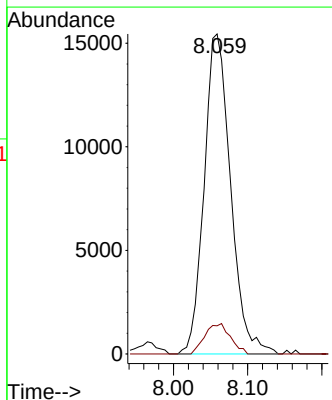
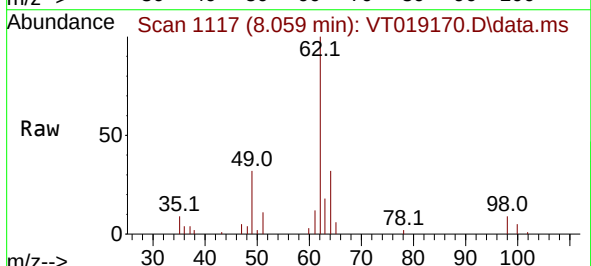
Manual Integrations
APPROVED

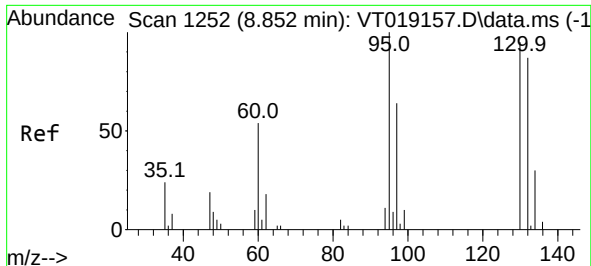
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,2-Dichloroethane
Concen: 19.495 ug/l
RT: 8.059 min Scan# 1117
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

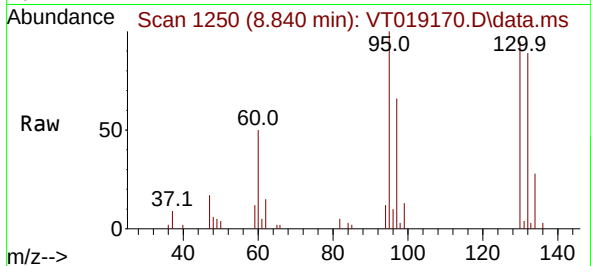
Tgt Ion:	62	Resp:	38264
Ion Ratio	100	Lower	Upper
98	9.1	6.7	10.1





#37
Trichloroethene
Concen: 21.612 ug/l
RT: 8.840 min Scan# 1250
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

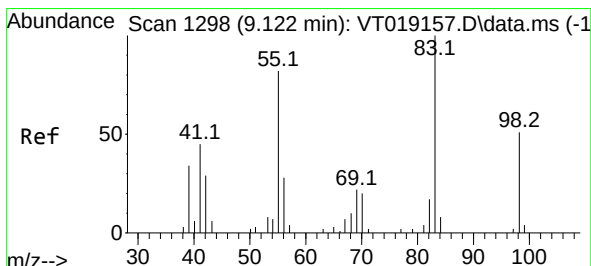
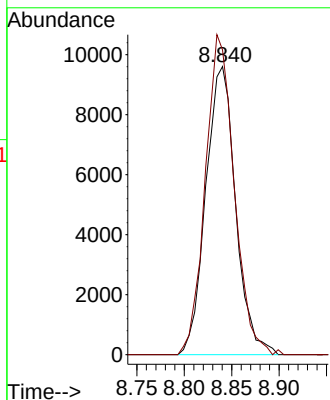
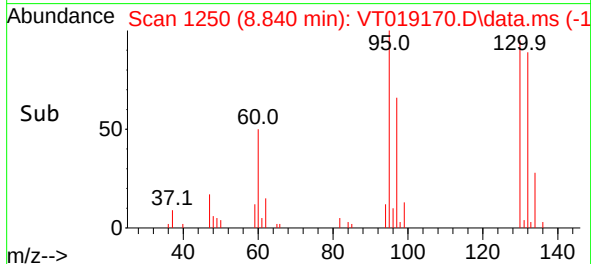
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 21050
Ion Ratio Lower Upper
130 100
95 105.8 79.4 119.2

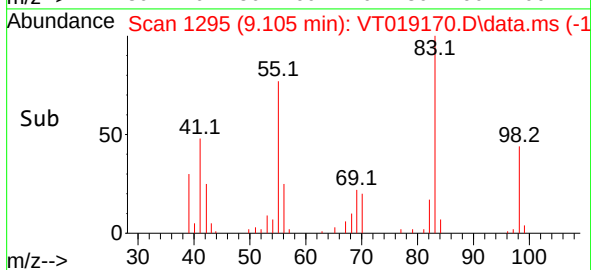
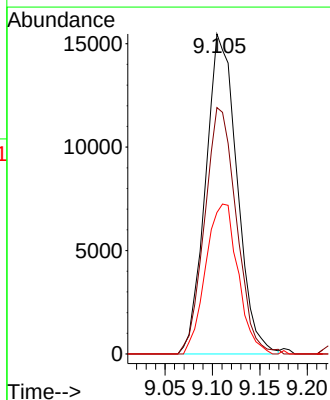
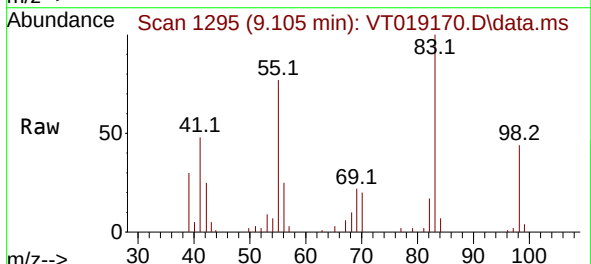
Manual Integrations
APPROVED

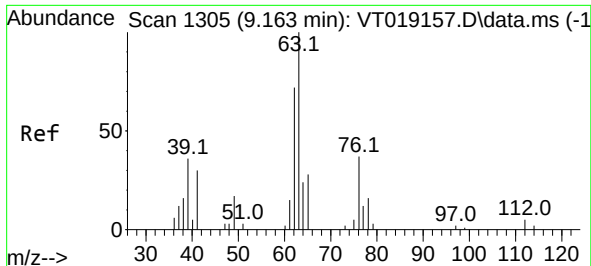
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 24.755 ug/l
RT: 9.105 min Scan# 1295
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 83 Resp: 35625
Ion Ratio Lower Upper
83 100
55 77.5 40.3 120.8
98 48.3 24.3 72.9





#39

1,2-Dichloropropane

Concen: 20.117 ug/l

RT: 9.152 min Scan# 11

Delta R.T. -0.011 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2789

Ion Ratio Lower Upper

63 100

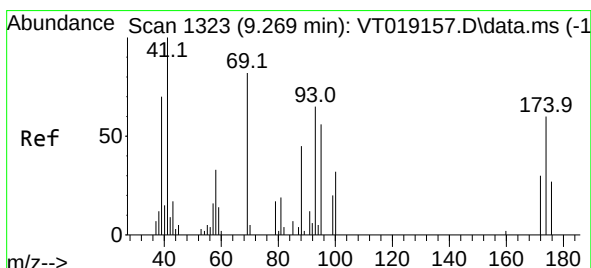
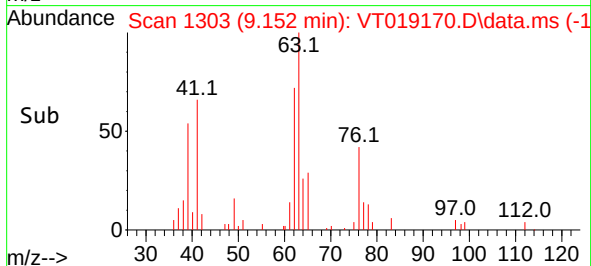
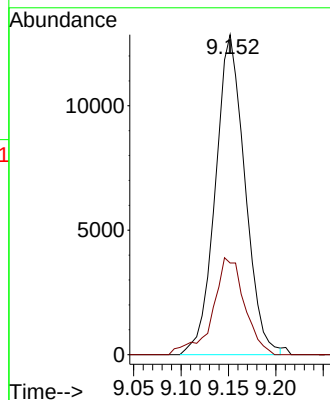
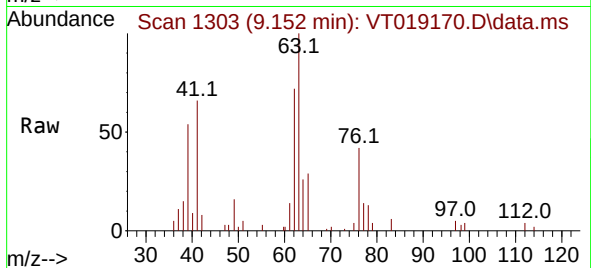
65 28.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 19.183 ug/l

RT: 9.252 min Scan# 1320

Delta R.T. -0.017 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

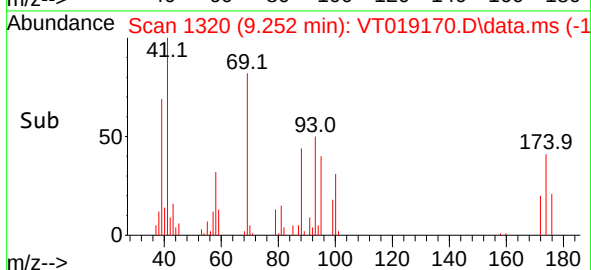
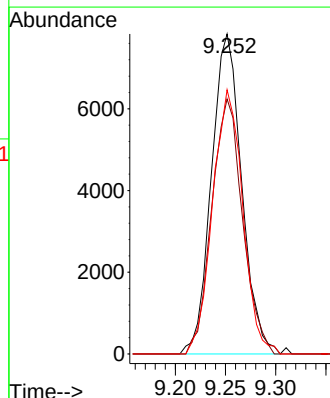
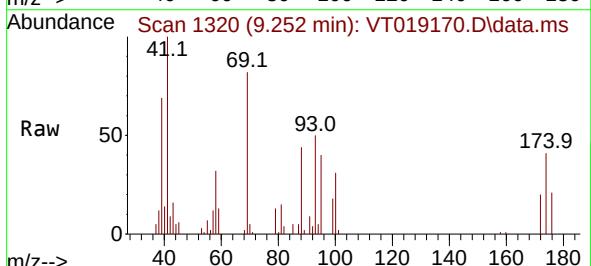
Tgt Ion: 93 Resp: 16401

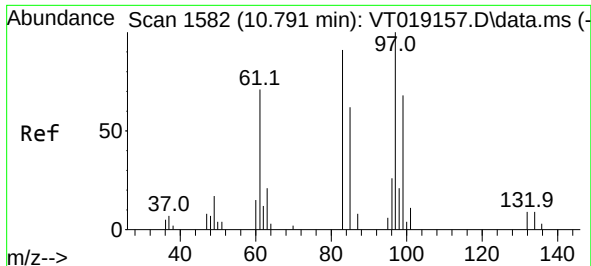
Ion Ratio Lower Upper

93 100

95 81.2 0.0 166.2

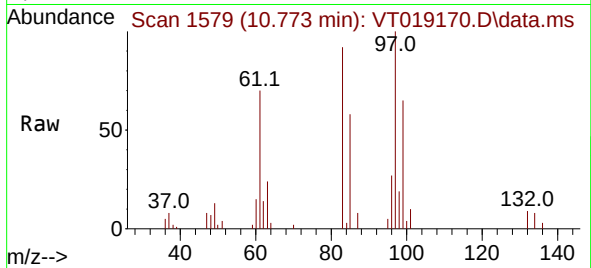
174 82.4 0.0 26.4#





#41
Bromodichloromethane
Concen: 19.860 ug/l
RT: 10.773 min Scan# 11
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

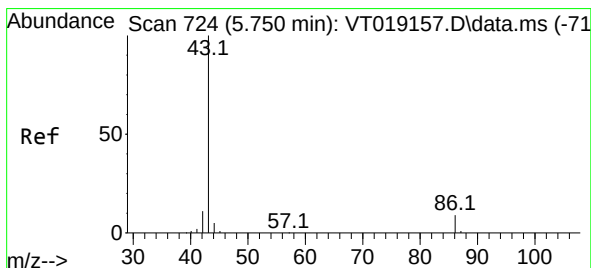
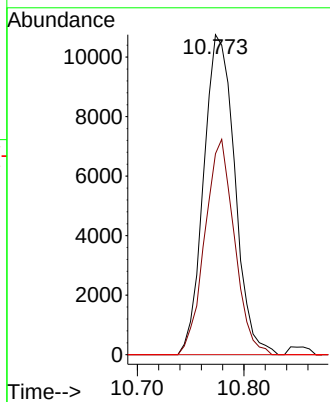
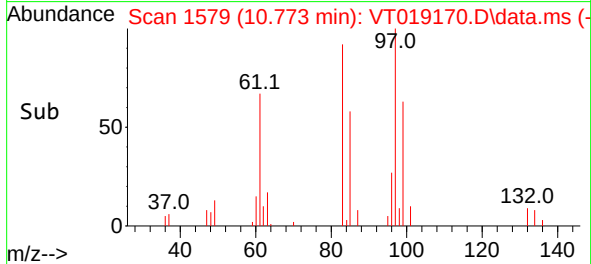
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
85 62.8 47.2 70.8
127 0.0 7.1 10.7

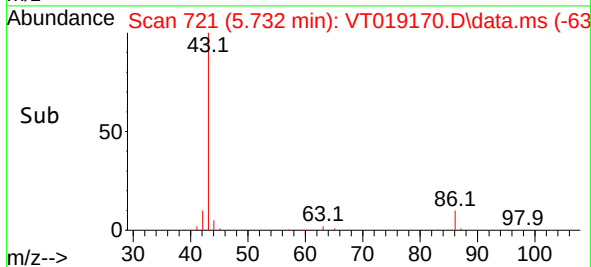
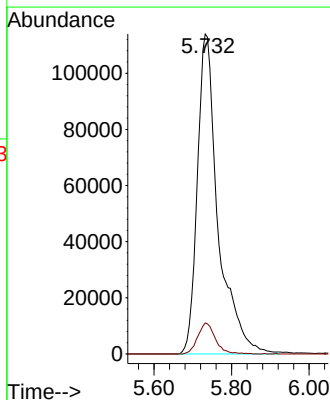
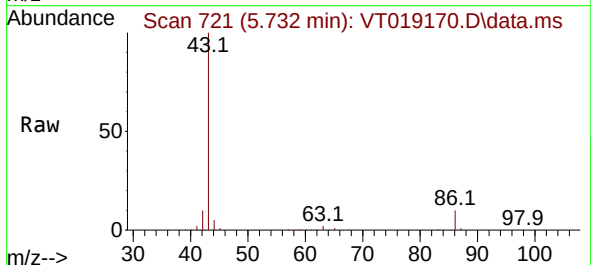
Manual Integrations
APPROVED

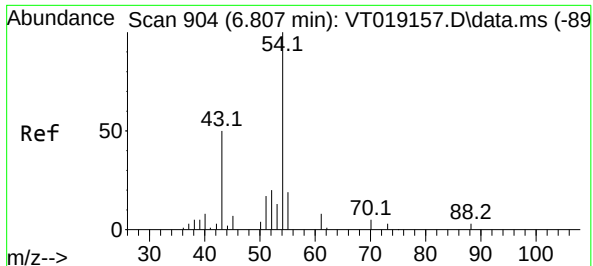
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
Vinyl Acetate
Concen: 98.211 ug/l
RT: 5.732 min Scan# 721
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 43 Resp: 424436
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





#43

Ethyl Acetate

Concen: 19.948 ug/l

RT: 6.784 min Scan# 904

Delta R.T. -0.017 min

Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 57760

Ion Ratio Lower Upper

43 100

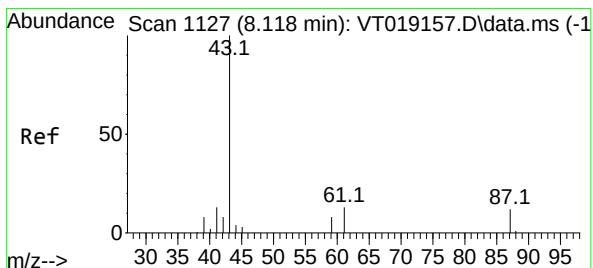
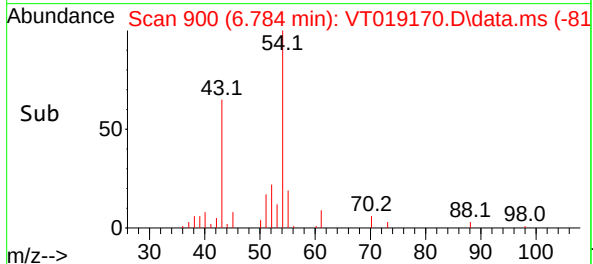
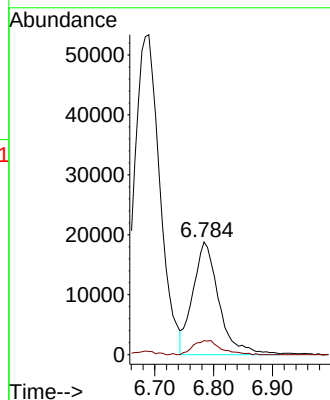
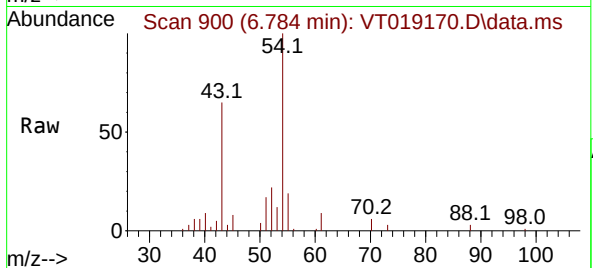
45 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Isopropyl Acetate

Concen: 19.082 ug/l

RT: 8.106 min Scan# 1125

Delta R.T. -0.017 min

Lab File: VT019170.D

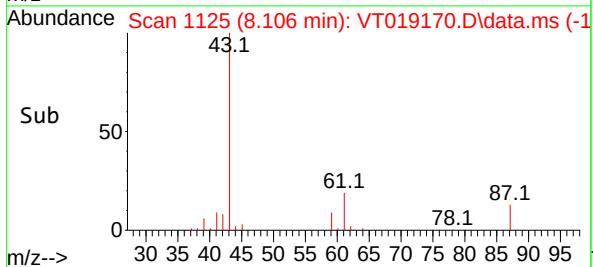
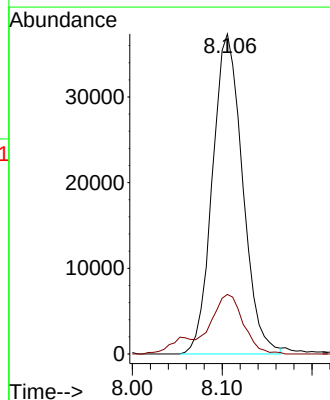
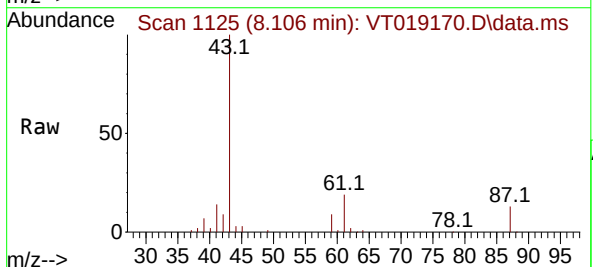
Acq: 23 Oct 2025 14:16

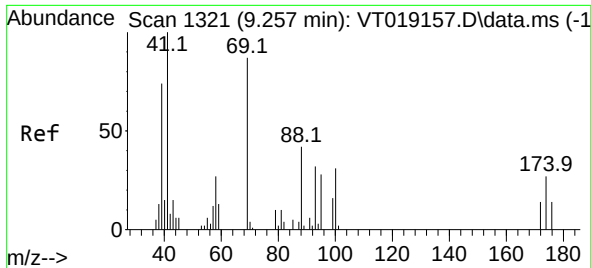
Tgt Ion: 43 Resp: 86959

Ion Ratio Lower Upper

43 100

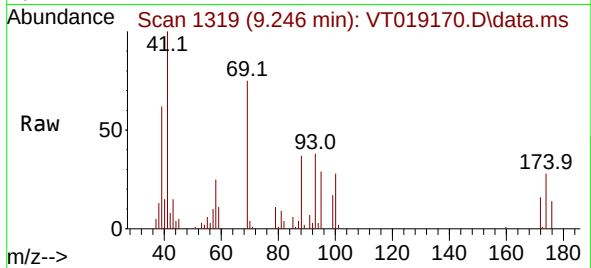
61 19.3 14.7 22.1





#45
1,4-Dioxane
Concen: 398.279 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.023 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

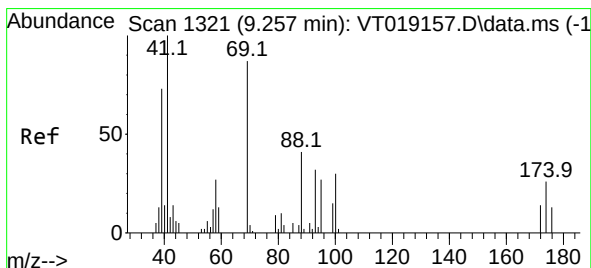
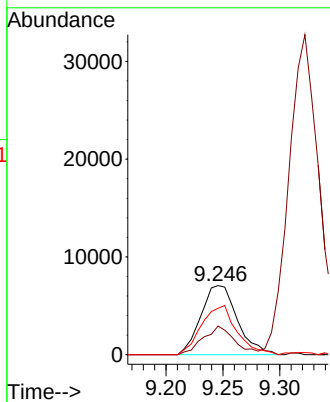
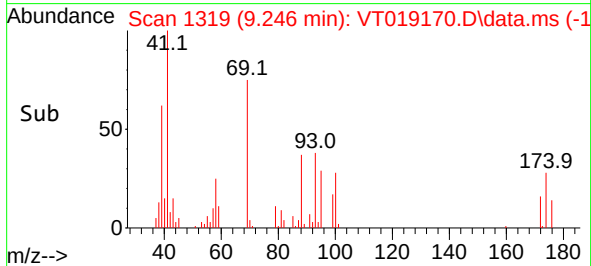
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 15740
Ion Ratio Lower Upper
88 100
43 35.7 30.2 45.2
58 68.7 33.3 49.9

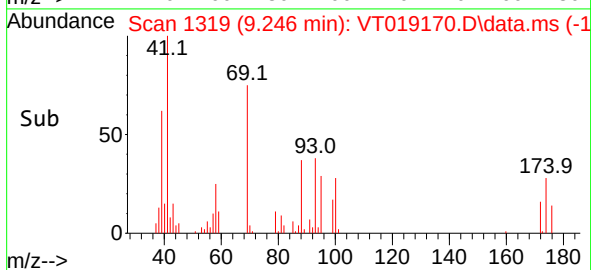
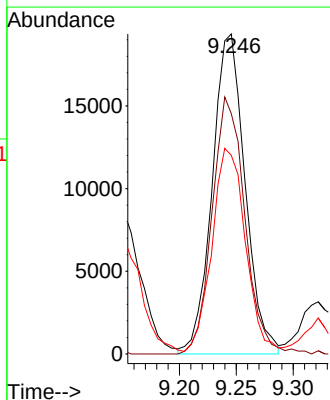
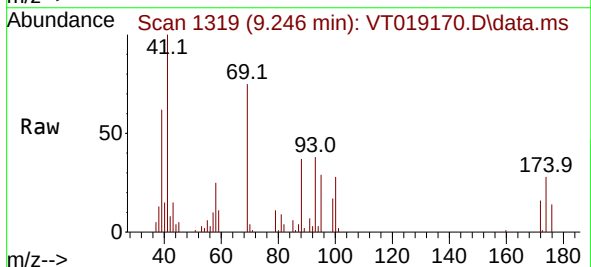
Manual Integrations
APPROVED

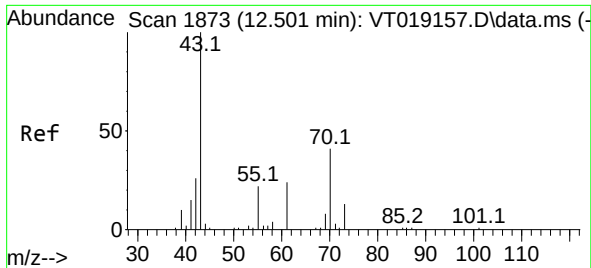
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#46
Methyl methacrylate
Concen: 19.074 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

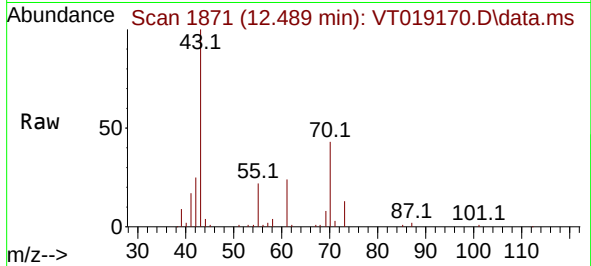
Tgt Ion: 41 Resp: 38867
Ion Ratio Lower Upper
41 100
69 76.3 35.8 107.3
39 61.9 24.4 73.4





#47
n-amy1 Acetate
Concen: 19.862 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

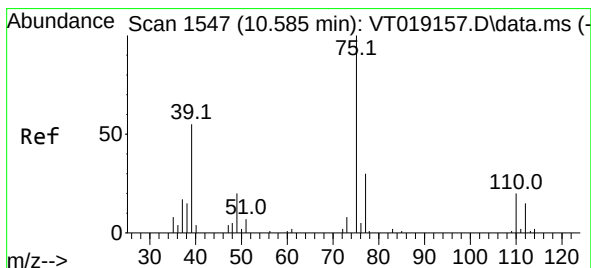
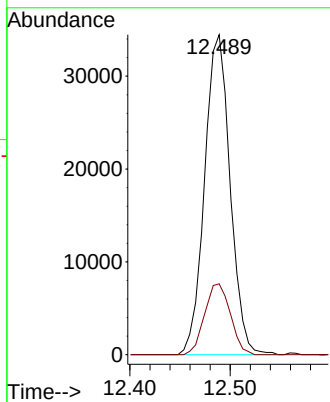
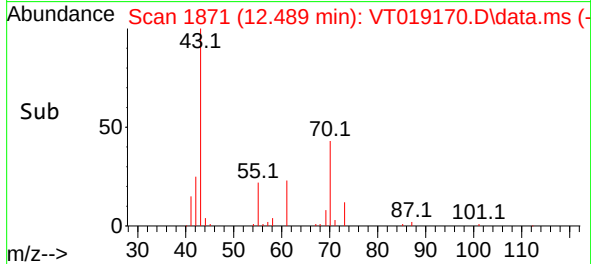
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 60910
Ion Ratio Lower Upper
43 100
55 22.3 18.4 27.6

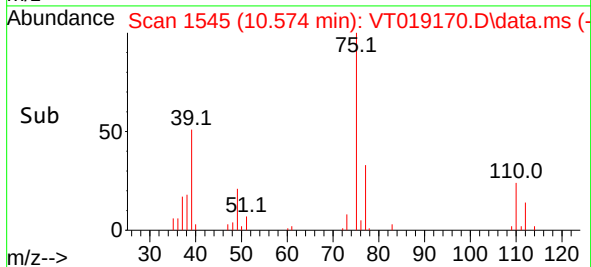
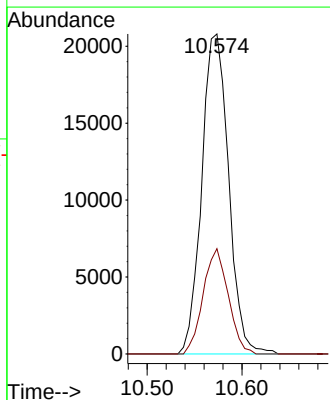
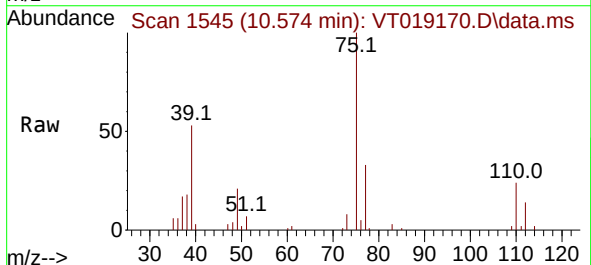
Manual Integrations
APPROVED

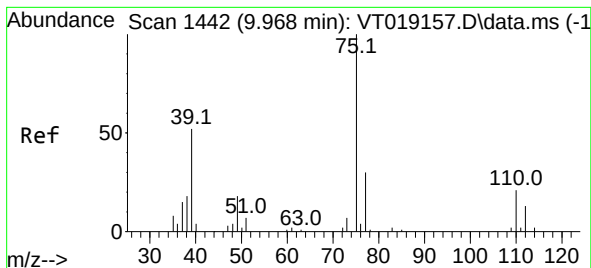
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
t-1,3-Dichloropropene
Concen: 20.578 ug/l
RT: 10.574 min Scan# 1545
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 75 Resp: 41007
Ion Ratio Lower Upper
75 100
77 32.9 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 20.387 ug/l

RT: 9.957 min Scan# 1440

Delta R.T. -0.017 min

Lab File: VT019170.D

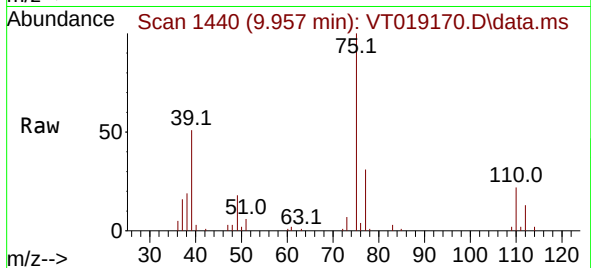
Acq: 23 Oct 2025 14:16

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 75 Resp: 42670

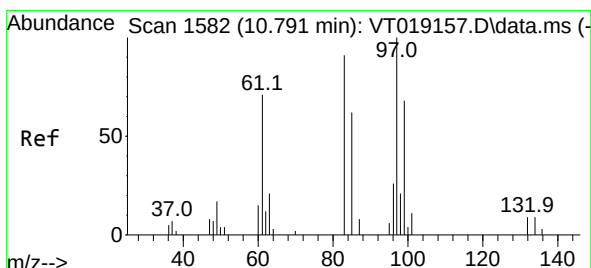
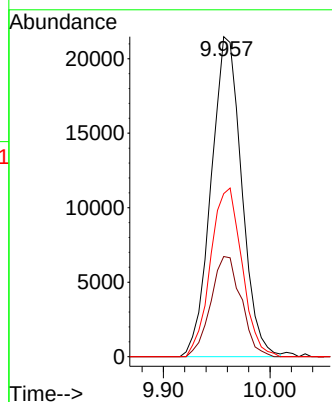
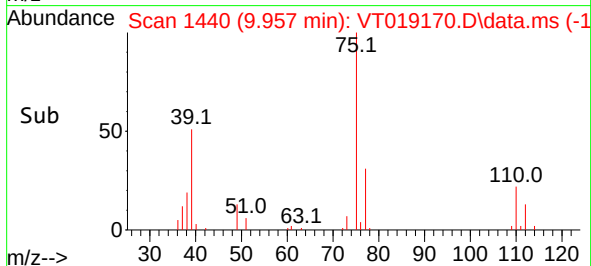
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7
39	50.9	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

1,1,2-Trichloroethane

Concen: 19.577 ug/l

RT: 10.779 min Scan# 1580

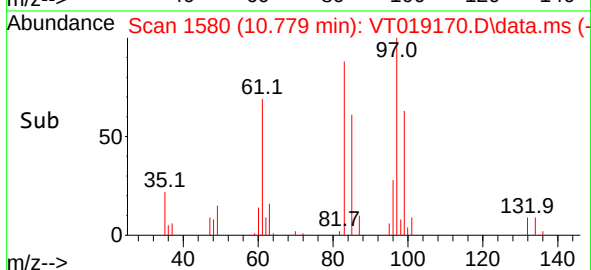
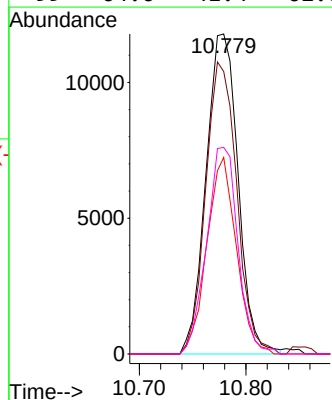
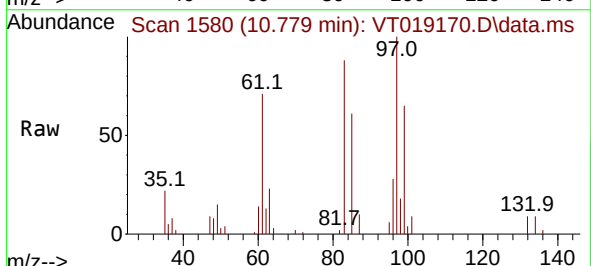
Delta R.T. -0.012 min

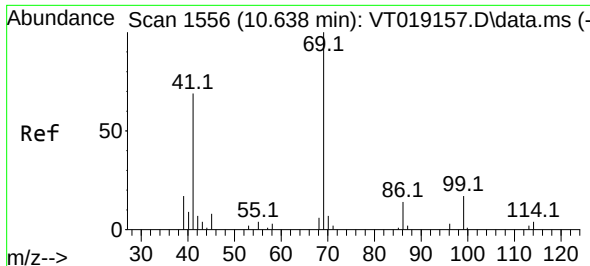
Lab File: VT019170.D

Acq: 23 Oct 2025 14:16

Tgt Ion: 97 Resp: 24619

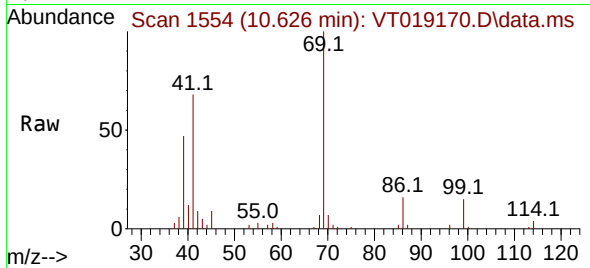
Ion	Ratio	Lower	Upper
97	100		
83	88.2	58.3	87.5#
85	61.4	36.5	54.7#
99	64.6	41.4	62.0#





#51
Ethyl methacrylate
Concen: 20.214 ug/l
RT: 10.626 min Scan# 1554
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

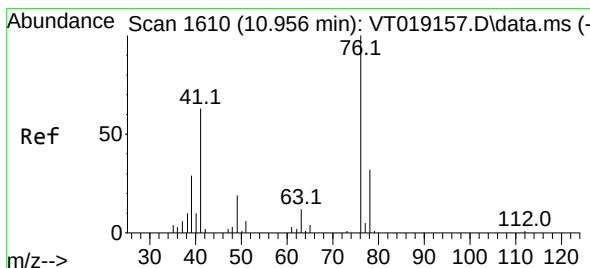
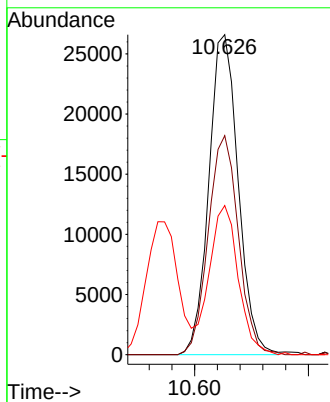
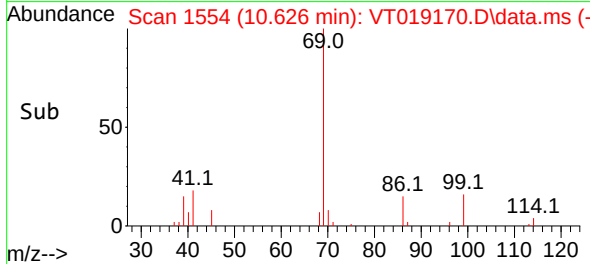
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 47638
Ion Ratio Lower Upper
69 100
41 68.5 35.0 105.1
39 46.6 19.5 58.5

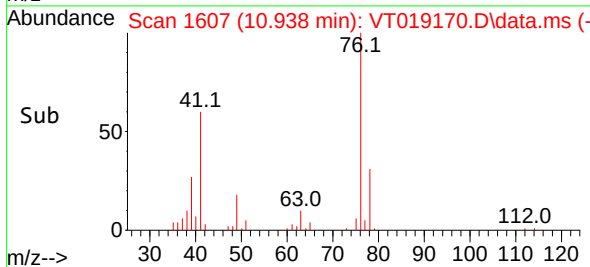
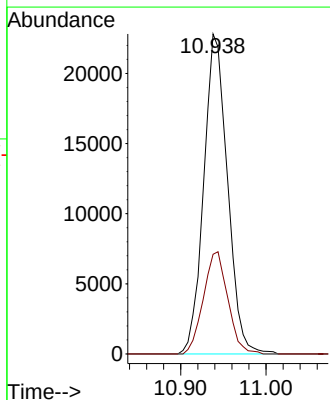
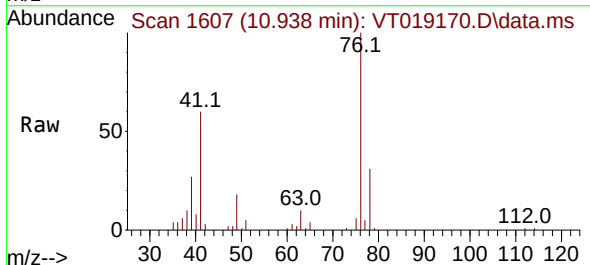
Manual Integrations
APPROVED

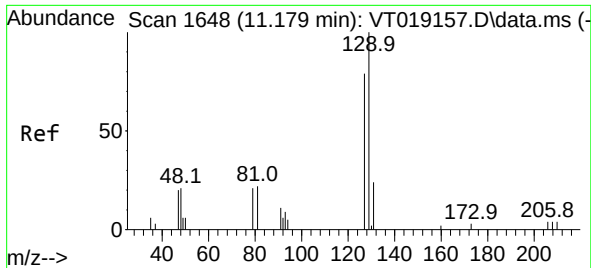
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
1,3-Dichloropropane
Concen: 19.662 ug/l
RT: 10.938 min Scan# 1607
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

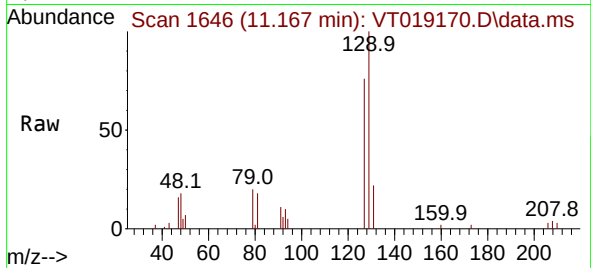
Tgt Ion: 76 Resp: 44161
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6





#53
Dibromochloromethane
Concen: 20.425 ug/l
RT: 11.167 min Scan# 1646
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

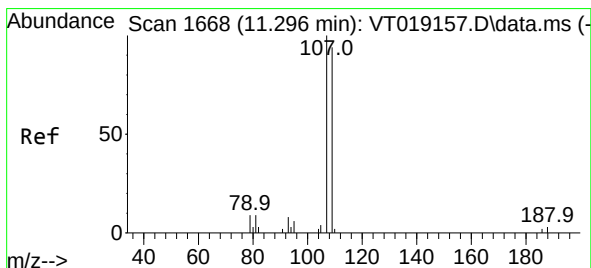
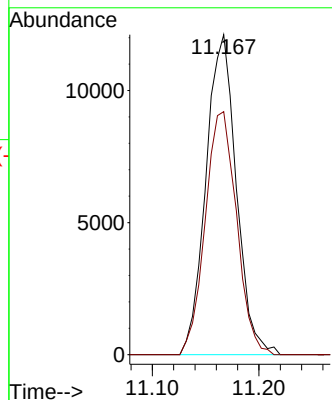
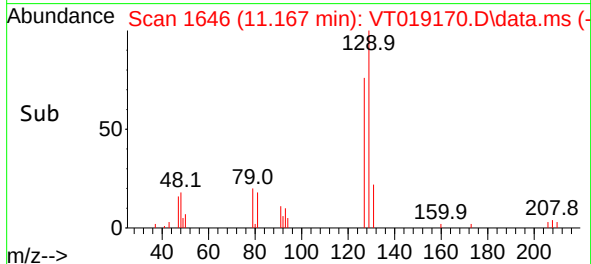
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



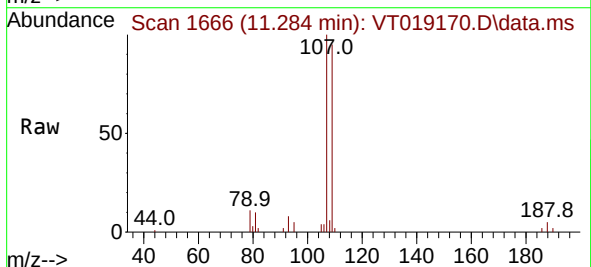
Tgt Ion:129 Resp: 23960
Ion Ratio Lower Upper
129 100
127 78.6 125.0 374.9

Manual Integrations
APPROVED

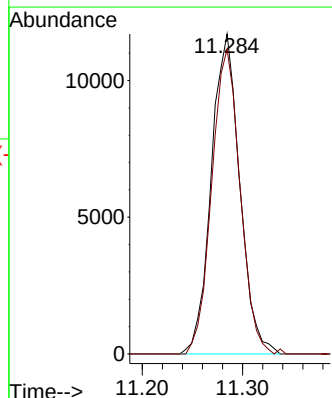
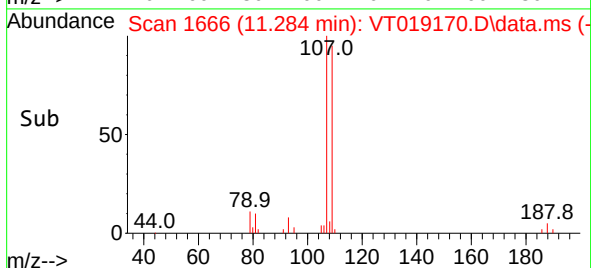
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

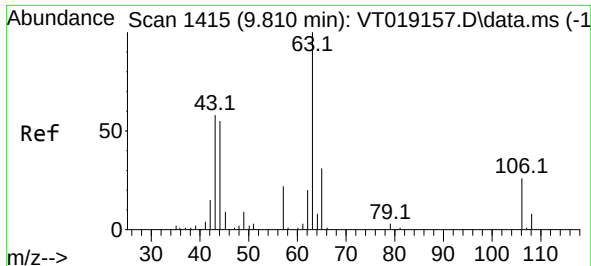


#54
1,2-Dibromoethane
Concen: 19.686 ug/l
RT: 11.284 min Scan# 1666
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16



Tgt Ion:107 Resp: 23025
Ion Ratio Lower Upper
107 100
109 94.7 74.0 111.0





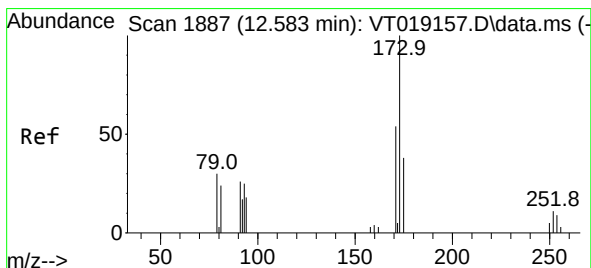
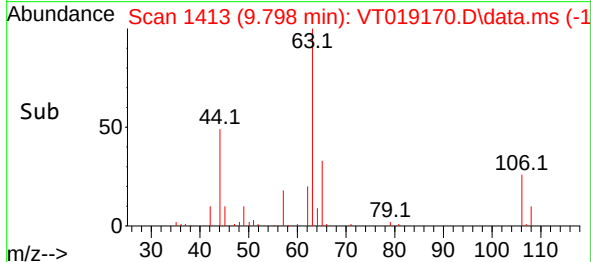
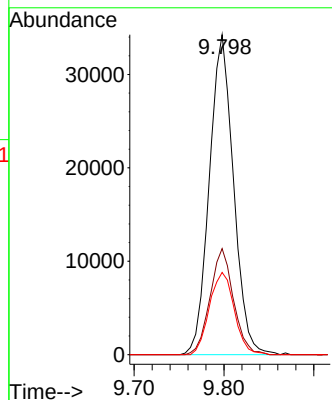
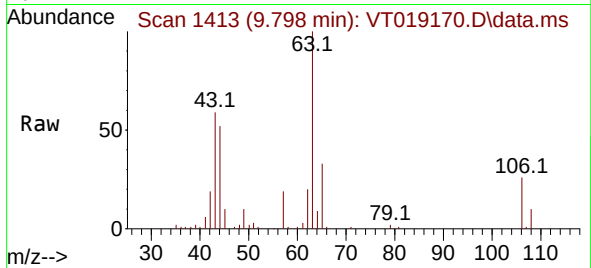
#55
2-Chloroethyl vinyl ether
Concen: 93.062 ug/l
RT: 9.798 min Scan# 1415
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 6396
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 26.5 22.1 33.1

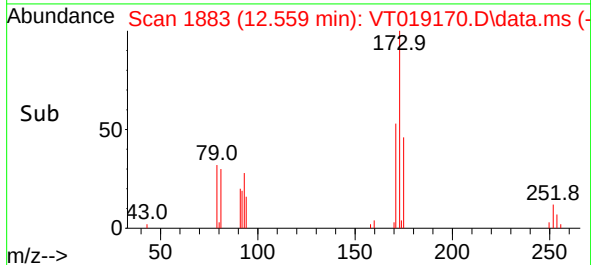
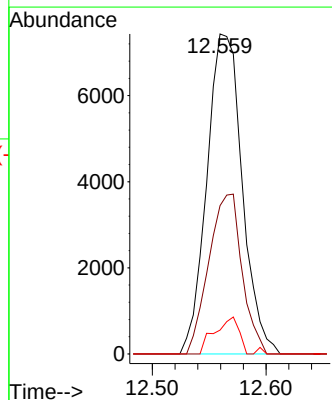
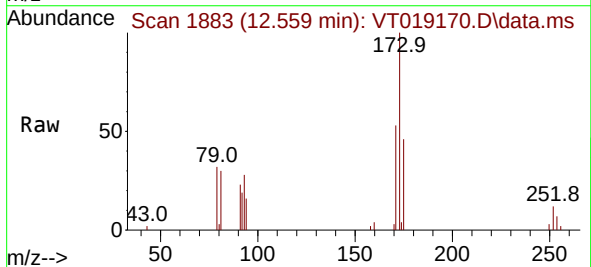
Manual Integrations
APPROVED

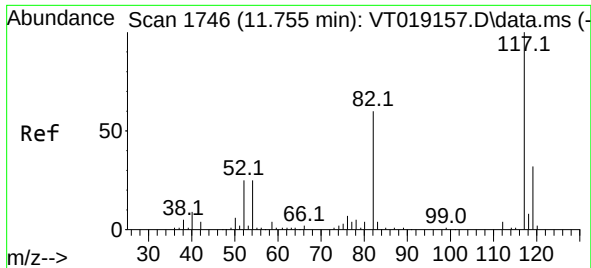
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Bromoform
Concen: 20.809 ug/l
RT: 12.559 min Scan# 1883
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:173 Resp: 16047
Ion Ratio Lower Upper
173 100
175 47.0 2.6 3.8#
254 5.9 2.2 3.2#





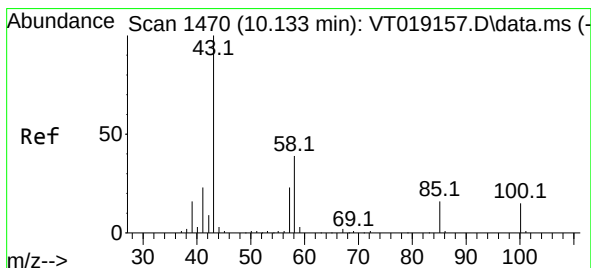
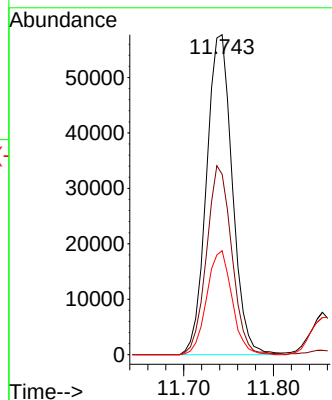
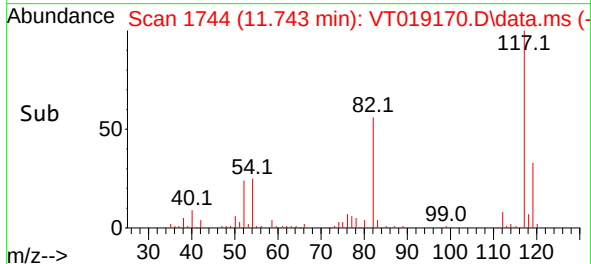
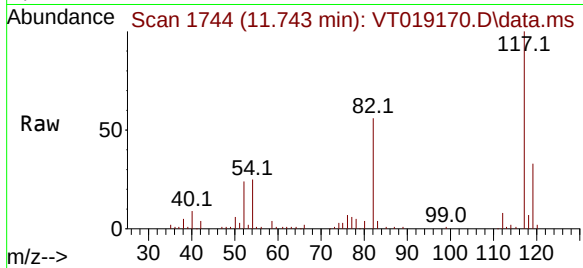
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.743 min Scan# 117
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:117 Resp: 11525
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 31.7 25.8 38.8

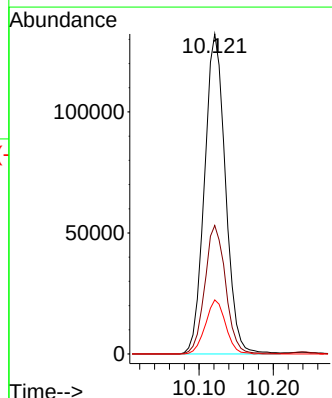
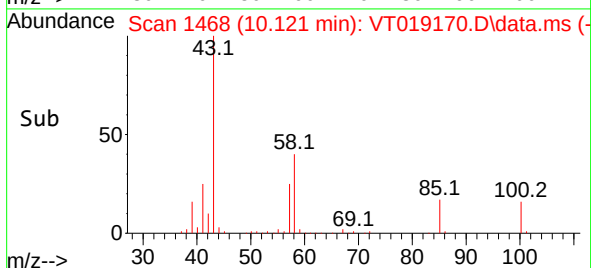
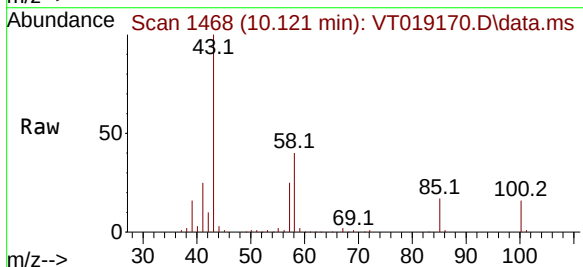
Manual Integrations
APPROVED

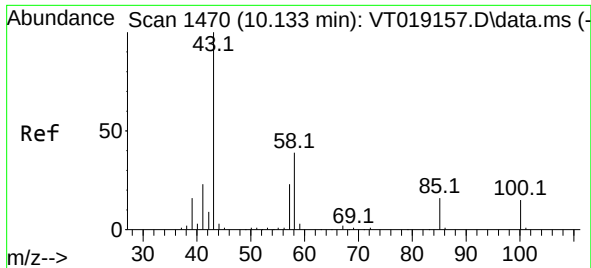
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
4-Methyl-2-Pentanone
Concen: 91.851 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 43 Resp: 259256
Ion Ratio Lower Upper
43 100
58 39.9 30.6 45.8
85 16.3 13.4 20.2





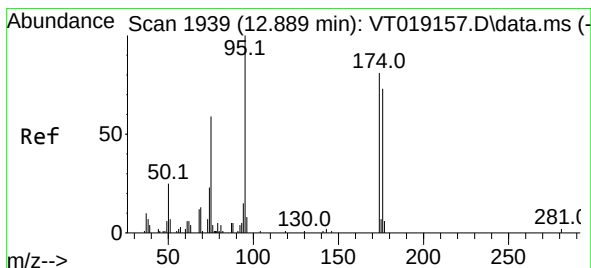
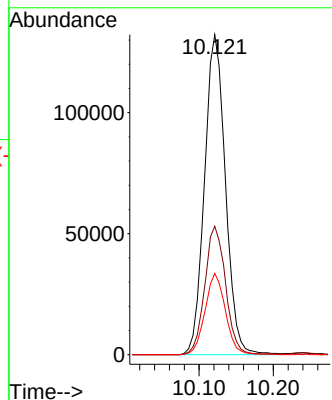
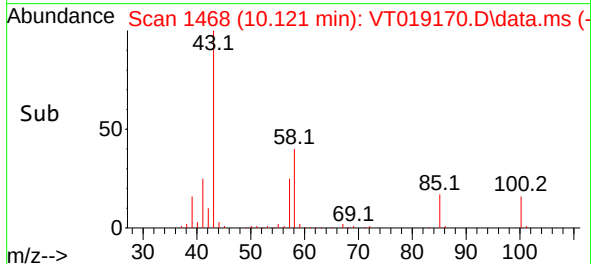
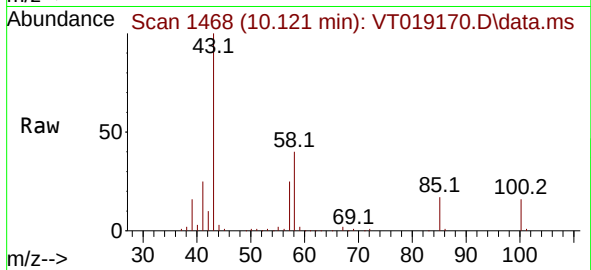
#59
2-Hexanone
Concen: 91.851 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 259250
Ion Ratio Lower Upper
43 100
58 39.9 42.0 63.0
57 24.7 14.6 21.8

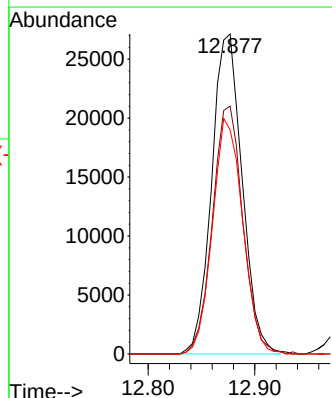
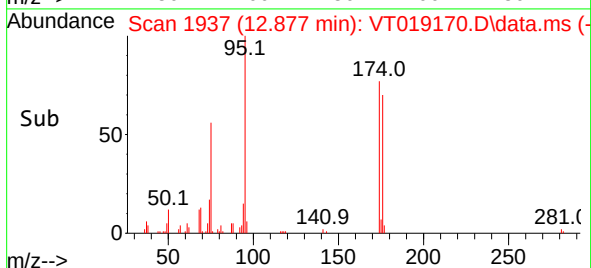
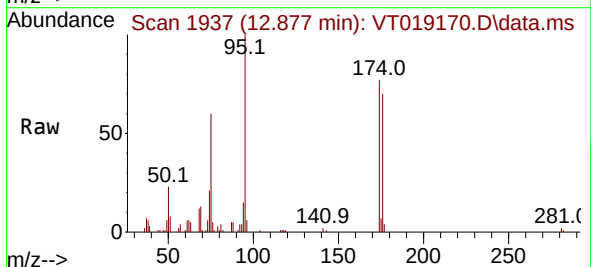
Manual Integrations
APPROVED

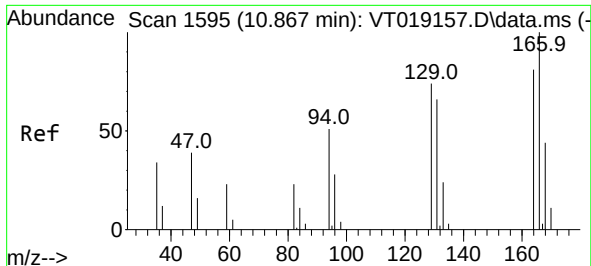
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
4-Bromofluorobenzene
Concen: 29.686 ug/l
RT: 12.877 min Scan# 1937
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

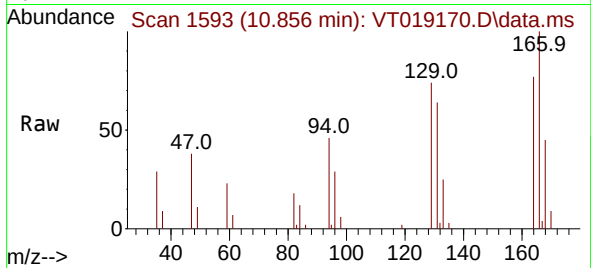
Tgt Ion: 95 Resp: 53775
Ion Ratio Lower Upper
95 100
174 77.2 57.5 86.3
176 73.1 56.4 84.6





#61
Tetrachloroethene
Concen: 22.755 ug/l
RT: 10.856 min Scan# 1593
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

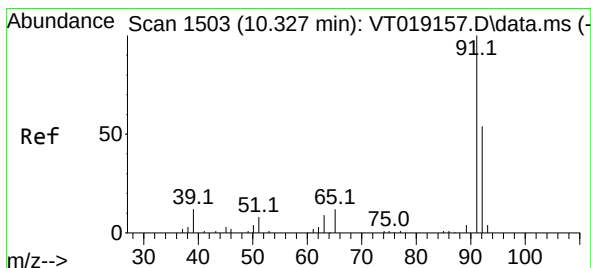
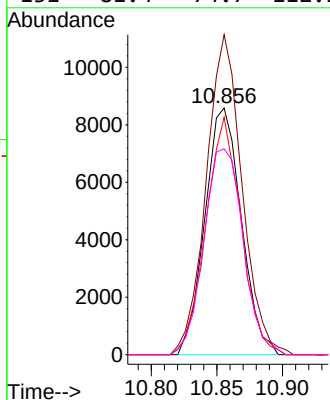
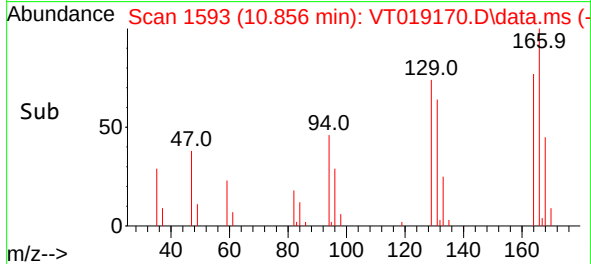
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 1657
Ion Ratio Lower Upper
164 100
166 126.5 101.0 151.4
129 94.2 78.6 117.8
131 81.4 74.7 112.1

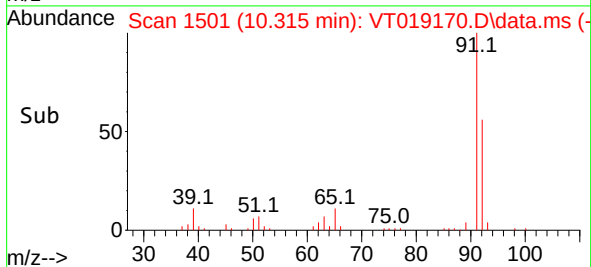
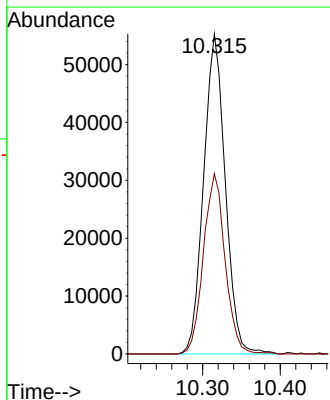
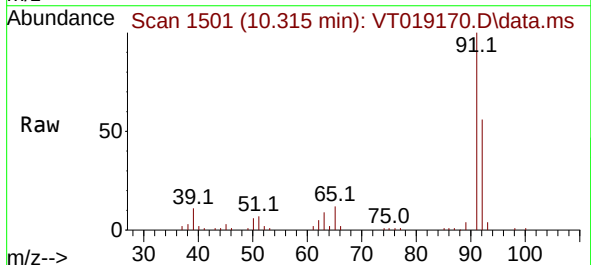
Manual Integrations
APPROVED

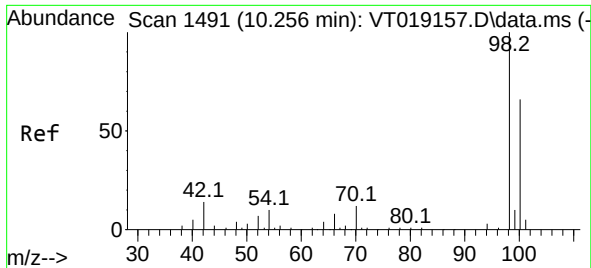
Reviewed By :John Carbone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
Toluene
Concen: 20.767 ug/l
RT: 10.315 min Scan# 1501
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 91 Resp: 107209
Ion Ratio Lower Upper
91 100
92 56.5 46.6 69.8





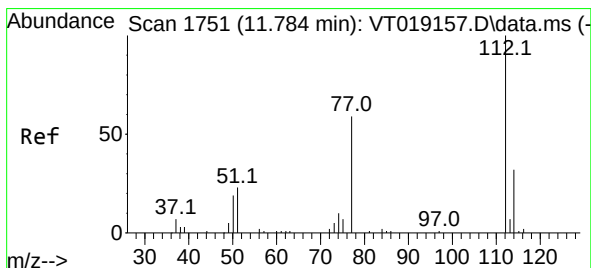
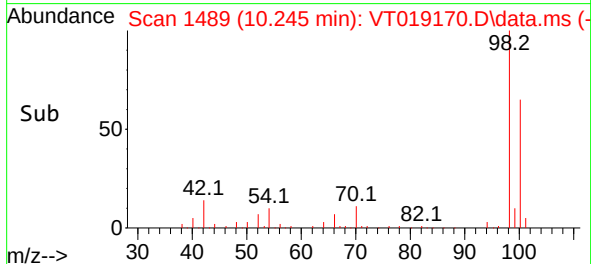
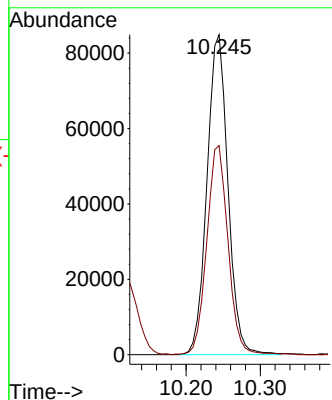
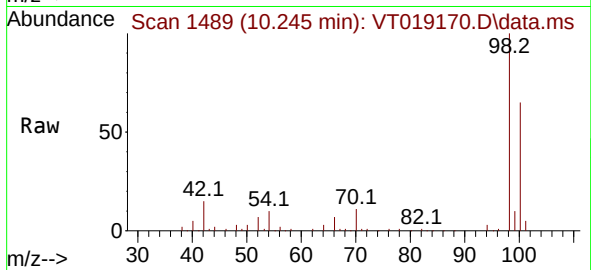
#63
Toluene-d8
Concen: 29.715 ug/l
RT: 10.245 min Scan# 1491
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 166698
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

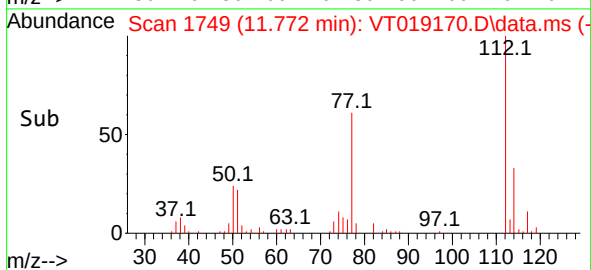
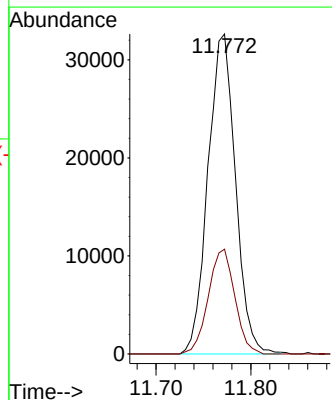
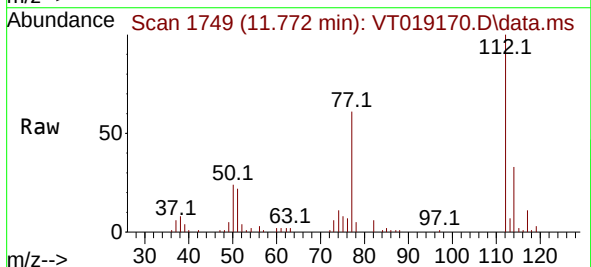
Manual Integrations
APPROVED

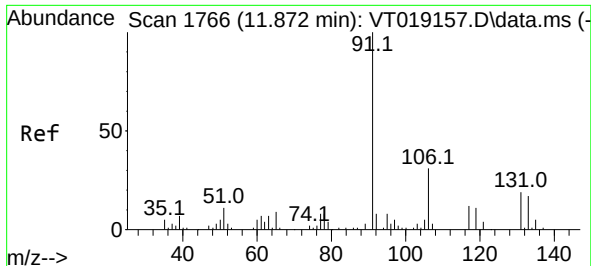
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Chlorobenzene
Concen: 20.859 ug/l
RT: 11.772 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:112 Resp: 65775
Ion Ratio Lower Upper
112 100
114 32.8 23.6 35.4





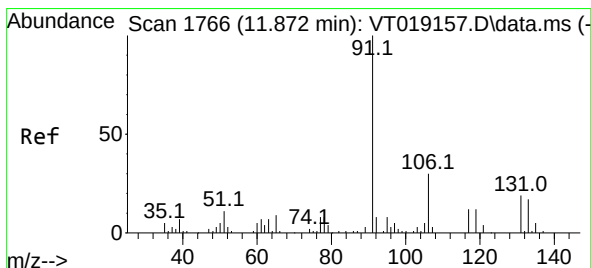
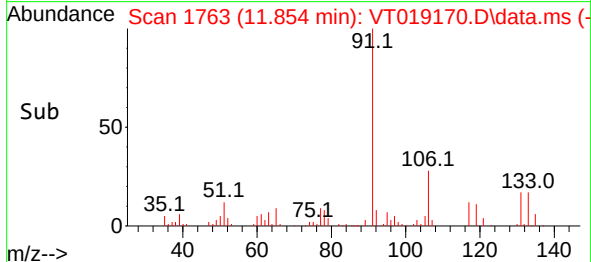
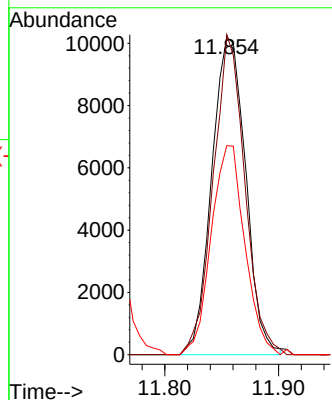
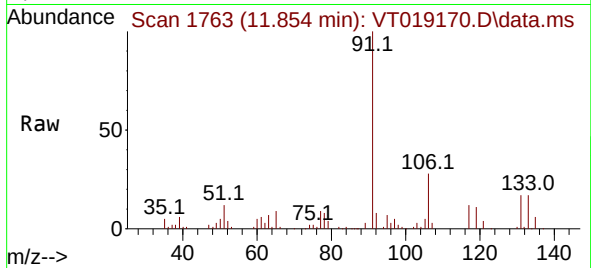
#65
1,1,1,2-Tetrachloroethane
Concen: 20.582 ug/l
RT: 11.854 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 2114
Ion Ratio Lower Upper
131 100
133 93.9 0.0 188.2
119 65.2 0.0 101.8

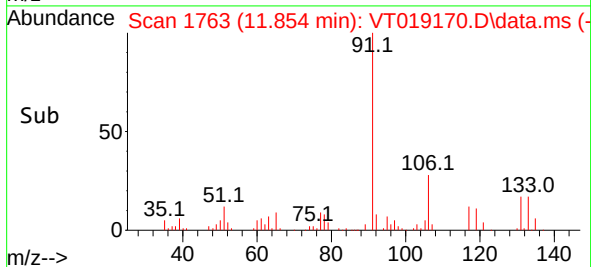
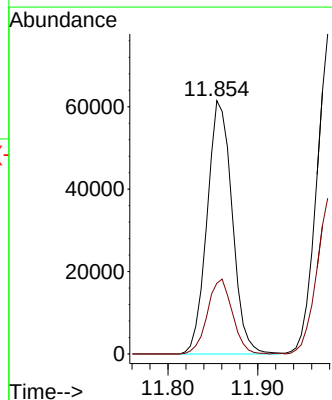
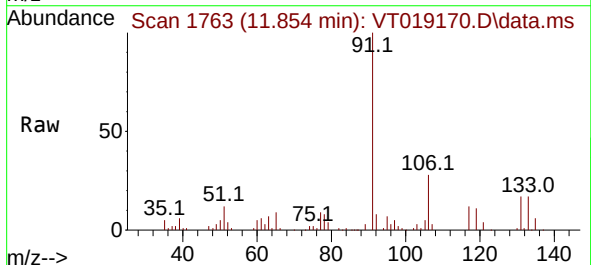
Manual Integrations
APPROVED

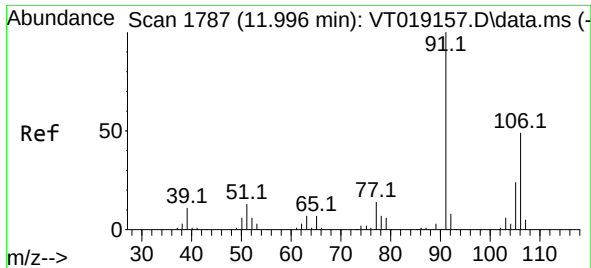
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 21.259 ug/l
RT: 11.854 min Scan# 1763
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 91 Resp: 119272
Ion Ratio Lower Upper
91 100
106 27.9 25.1 37.7





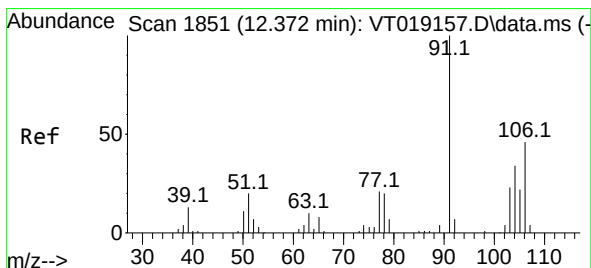
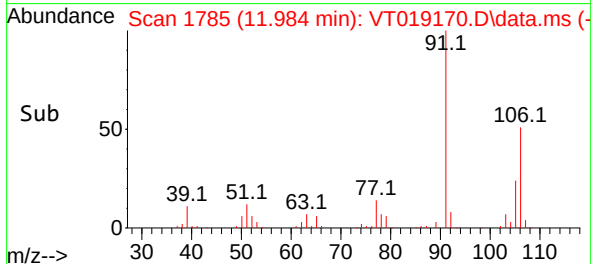
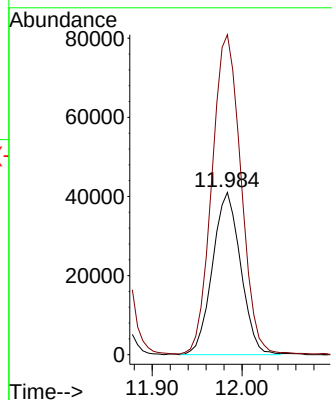
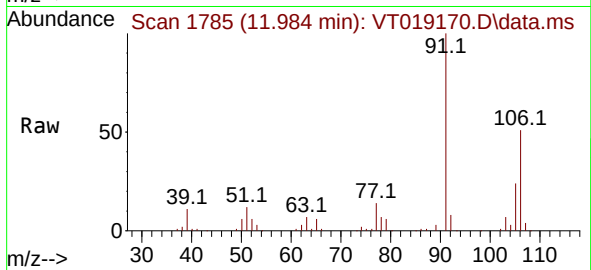
#67
m/p-Xylenes
Concen: 42.832 ug/l
RT: 11.984 min Scan# 11
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 8933
Ion Ratio Lower Upper
106 100
91 203.9 164.4 246.6

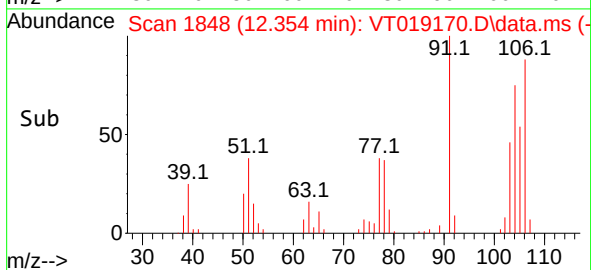
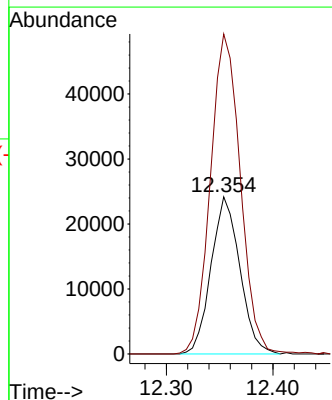
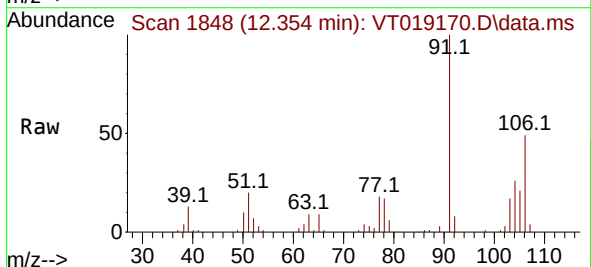
Manual Integrations
APPROVED

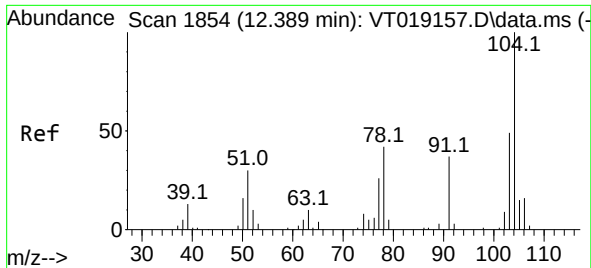
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
o-Xylene
Concen: 21.059 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:106 Resp: 45336
Ion Ratio Lower Upper
106 100
91 211.9 111.3 333.8





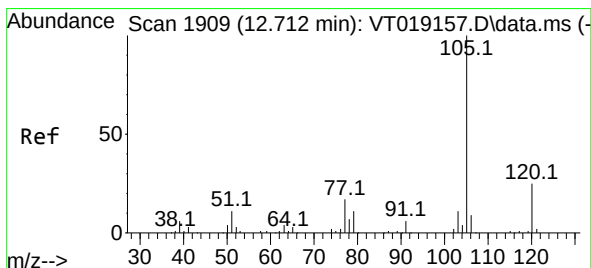
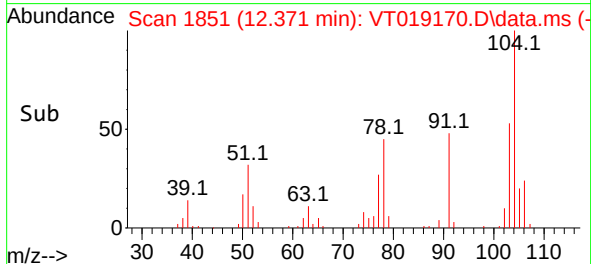
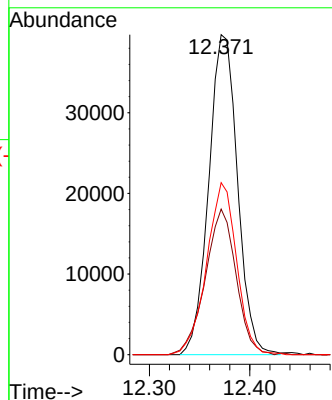
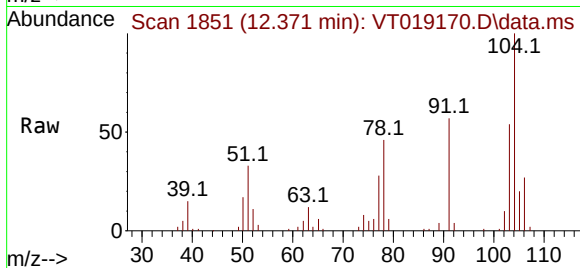
#69
Styrene
Concen: 20.498 ug/l
RT: 12.371 min Scan# 1854
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 79227
Ion Ratio Lower Upper
104 100
78 48.5 42.6 63.8
103 55.9 43.5 65.3

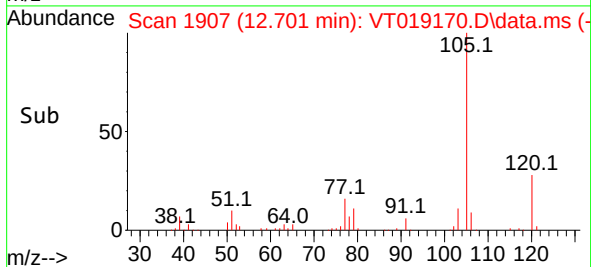
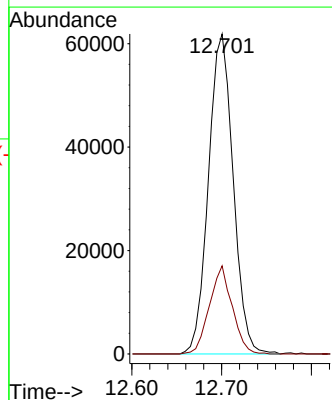
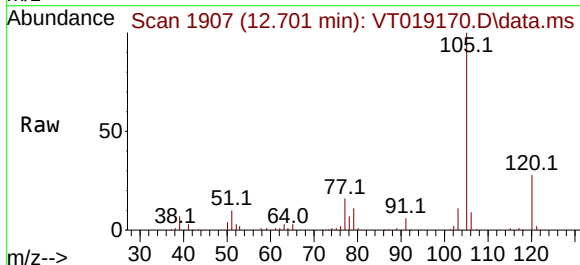
Manual Integrations
APPROVED

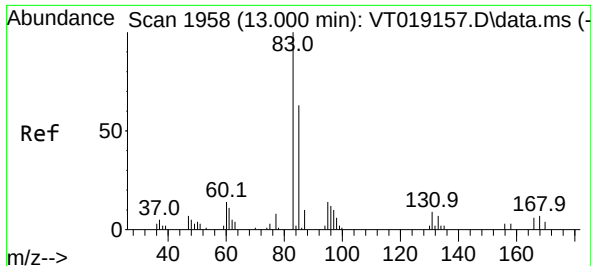
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 22.401 ug/l
RT: 12.701 min Scan# 1907
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

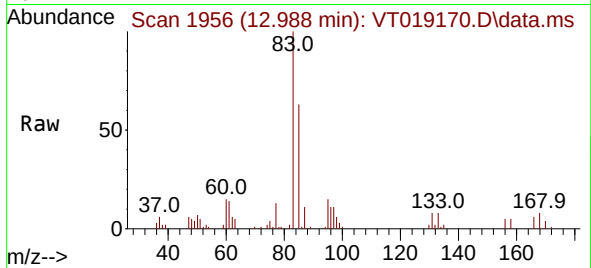
Tgt Ion:105 Resp: 118287
Ion Ratio Lower Upper
105 100
120 25.4 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 19.834 ug/l
RT: 12.988 min Scan# 1956
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

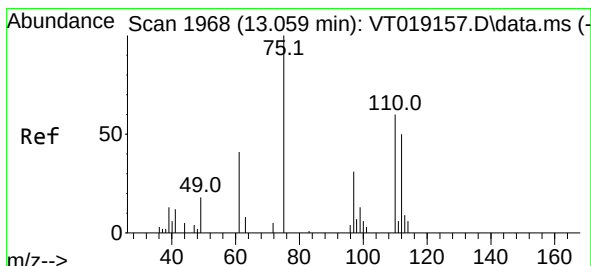
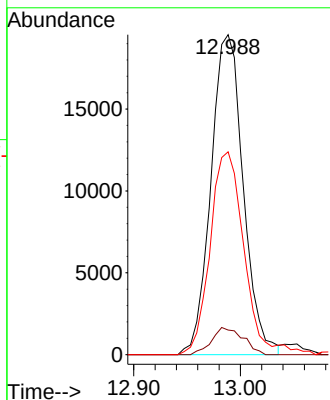
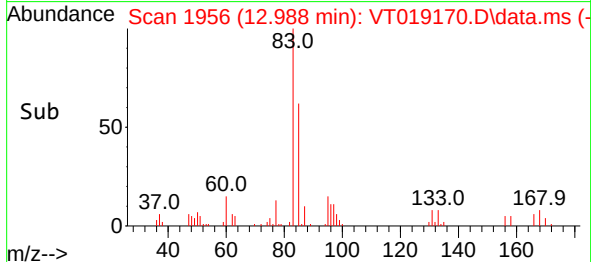
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 41094
Ion Ratio Lower Upper
83 100
131 8.3 6.0 18.0
85 64.7 32.3 96.9

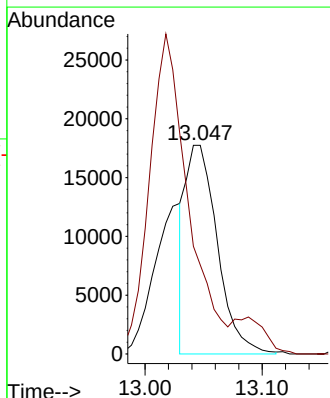
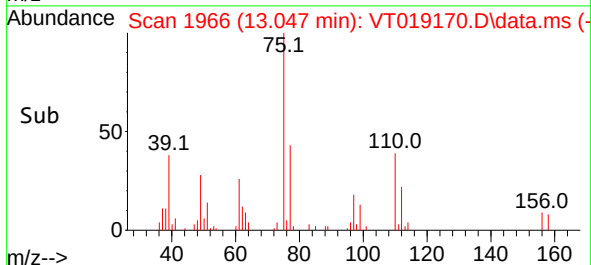
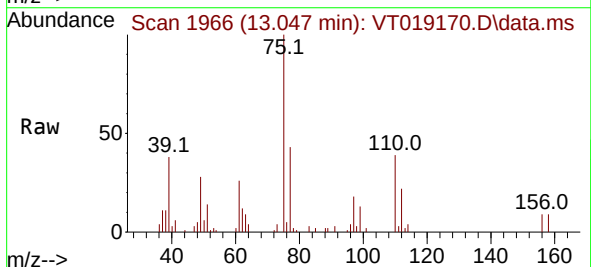
Manual Integrations
APPROVED

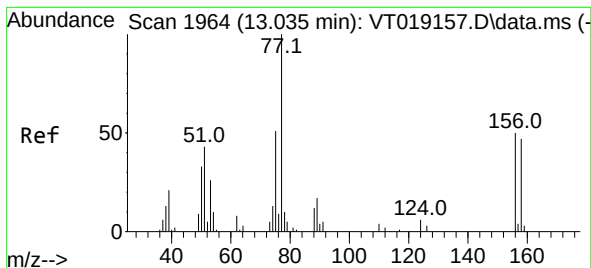
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 21.802 ug/l m
RT: 13.047 min Scan# 1966
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 75 Resp: 33343
Ion Ratio Lower Upper
75 100
77 187.0 0.0 74.2#





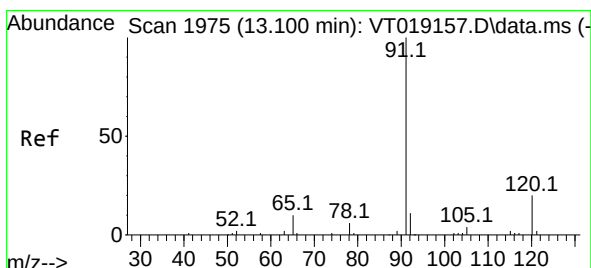
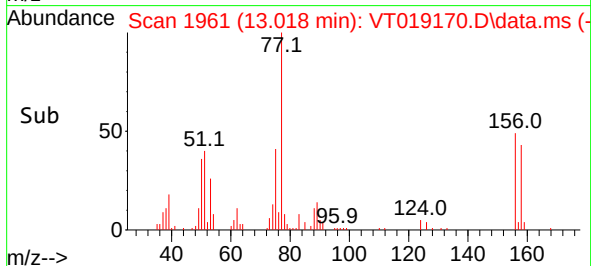
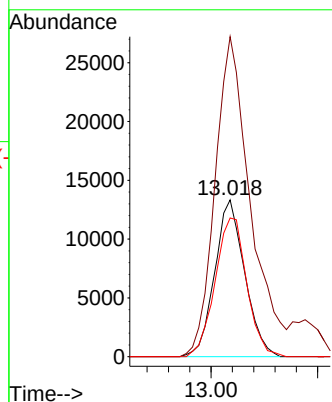
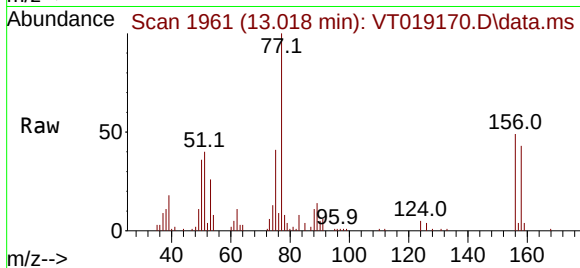
#73
Bromobenzene
Concen: 20.942 ug/l
RT: 13.018 min Scan# 1961
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 26004
Ion Ratio Lower Upper
156 100
77 239.8 0.0 340.8
158 93.6 0.0 189.0

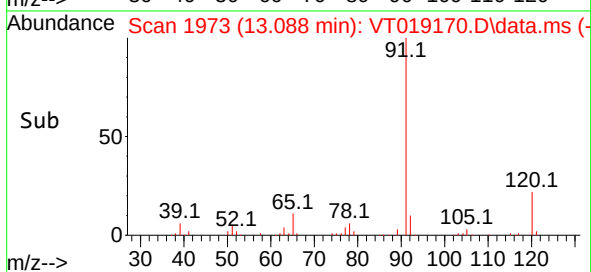
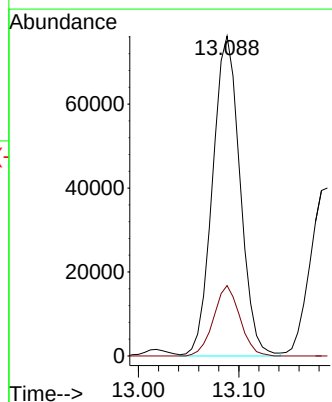
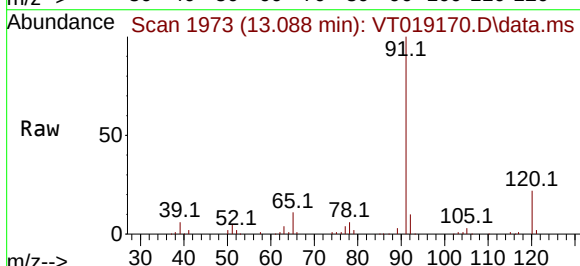
Manual Integrations
APPROVED

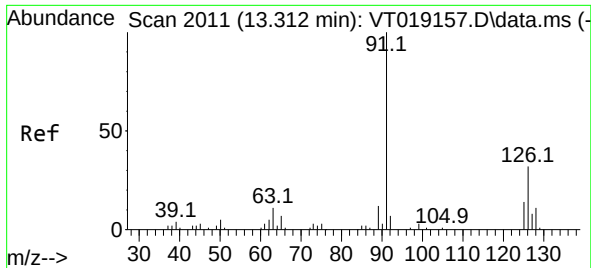
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
n-propylbenzene
Concen: 22.746 ug/l
RT: 13.088 min Scan# 1973
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 91 Resp: 144831
Ion Ratio Lower Upper
91 100
120 21.0 0.0 44.4





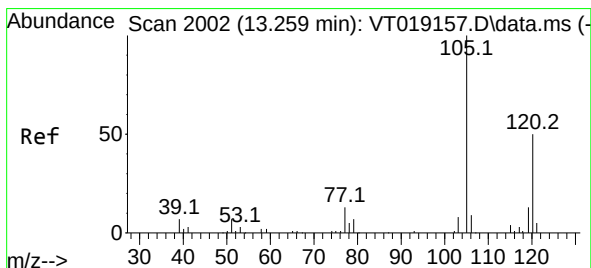
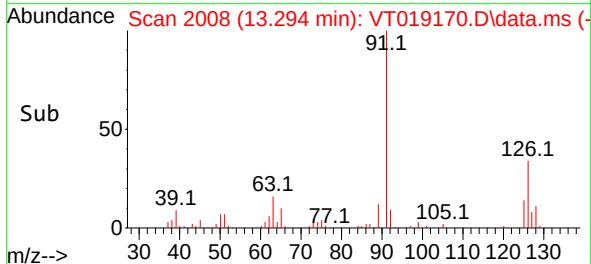
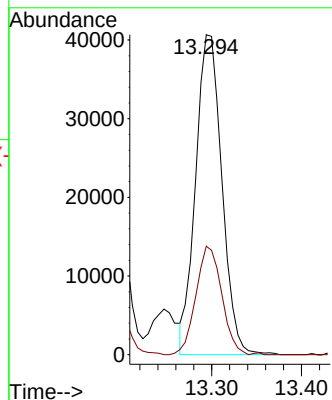
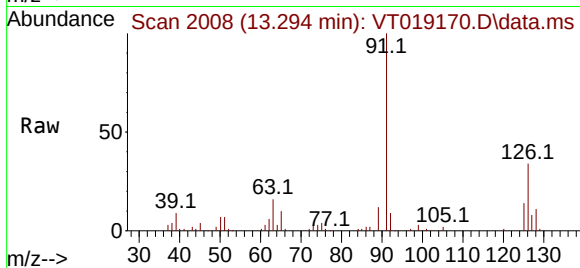
#75
2-Chlorotoluene
Concen: 21.183 ug/l
RT: 13.294 min Scan# 2008
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 82572
Ion Ratio Lower Upper
91 100
126 33.2 0.0 63.6

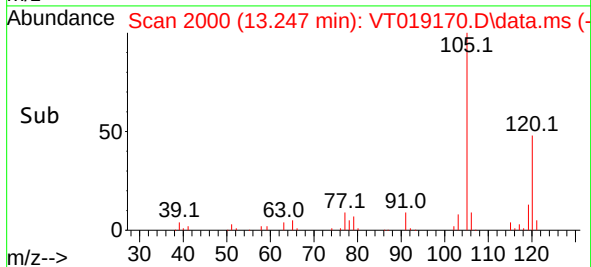
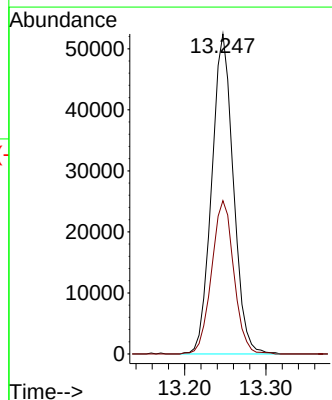
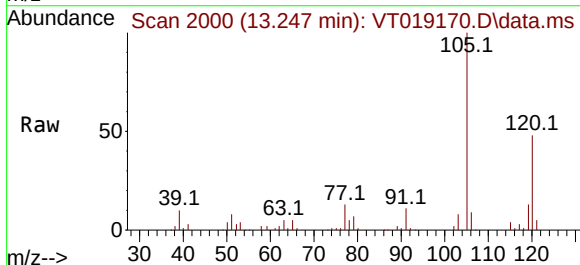
Manual Integrations
APPROVED

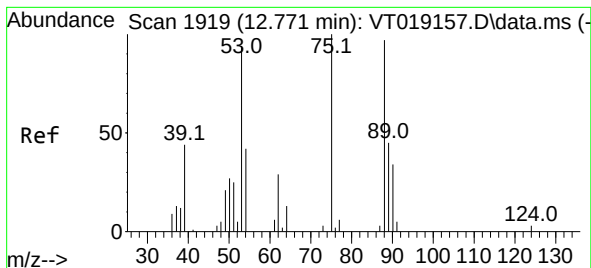
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 22.387 ug/l
RT: 13.247 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

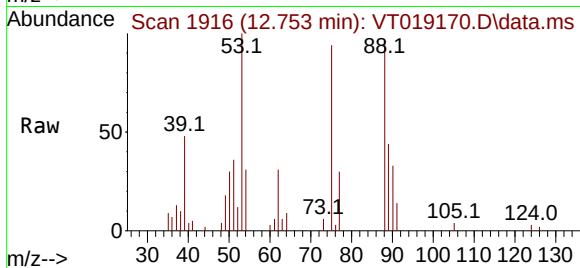
Tgt Ion:105 Resp: 96983
Ion Ratio Lower Upper
105 100
120 49.1 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.713 ug/l
RT: 12.753 min Scan# 1916
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

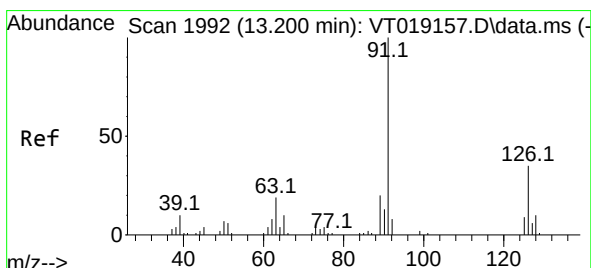
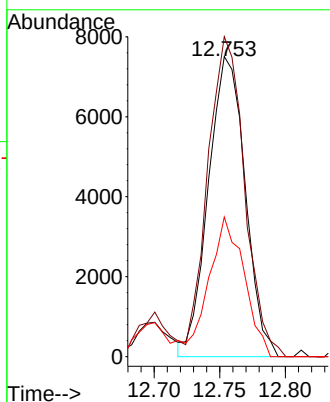
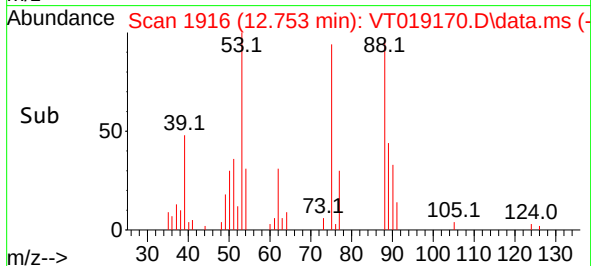
Instrument : MSVOA_T
ClientSampleId : VSTDCCC020EC



Tgt Ion: 75 Resp: 14649
Ion Ratio Lower Upper
75 100
53 103.4 48.4 145.2
89 46.5 33.8 101.3

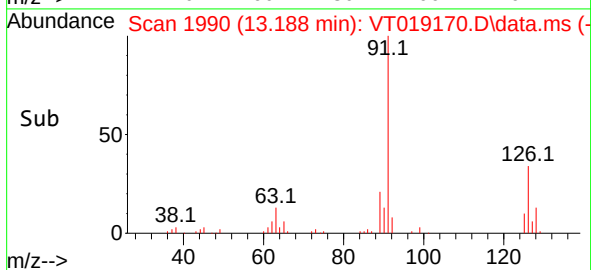
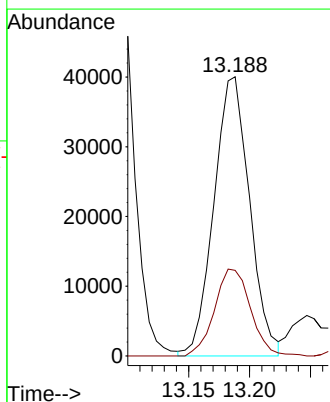
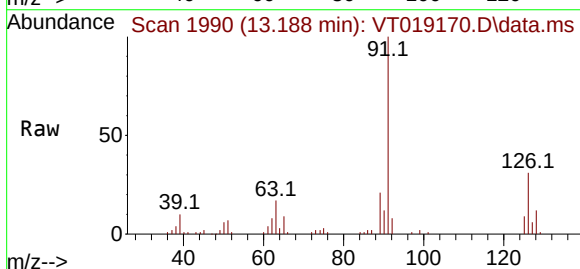
Manual Integrations
APPROVED

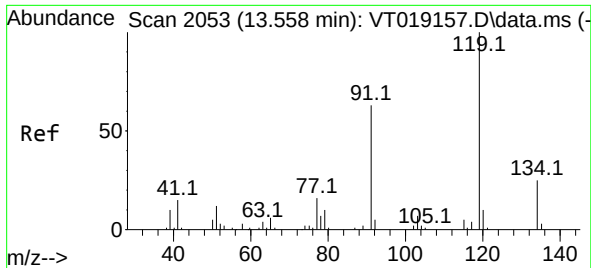
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
4-Chlorotoluene
Concen: 21.207 ug/l
RT: 13.188 min Scan# 1990
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 91 Resp: 81543
Ion Ratio Lower Upper
91 100
126 31.5 0.0 57.2





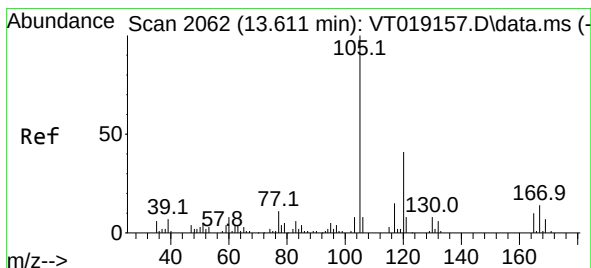
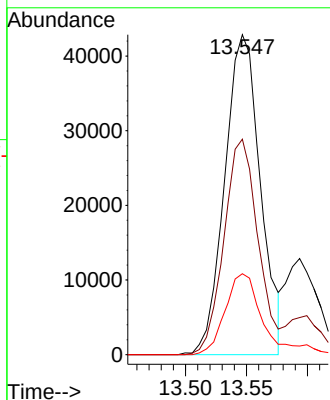
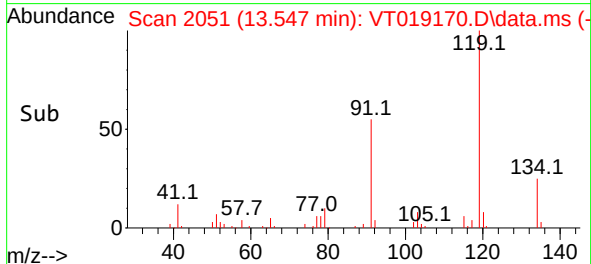
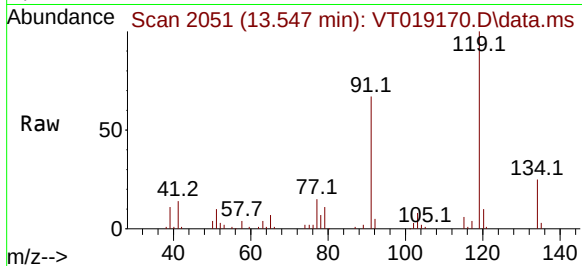
#79
tert-butylbenzene
Concen: 22.738 ug/l
RT: 13.547 min Scan# 2051
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 8748
Ion Ratio Lower Upper
119 100
91 64.1 0.0 120.6
134 25.7 0.0 46.0

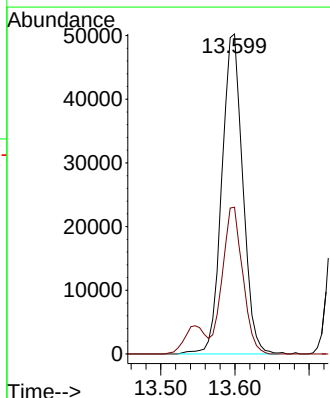
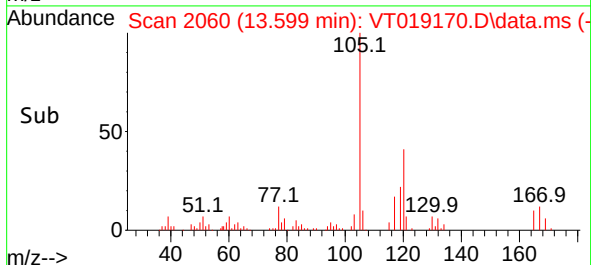
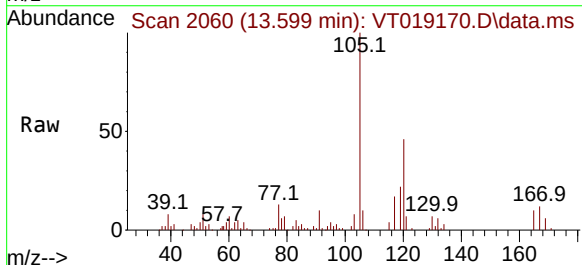
Manual Integrations
APPROVED

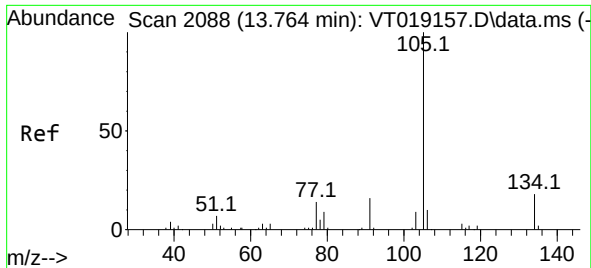
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.798 ug/l
RT: 13.599 min Scan# 2060
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:105 Resp: 98526
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.6





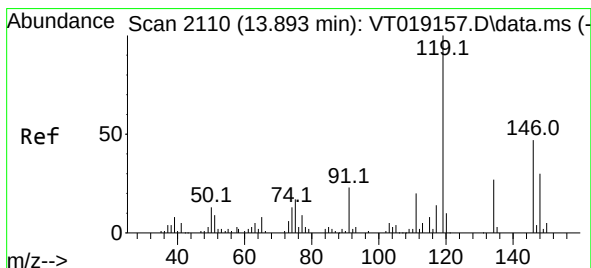
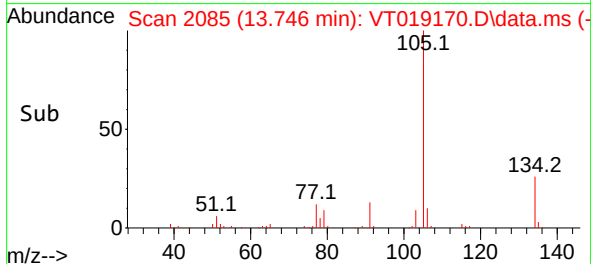
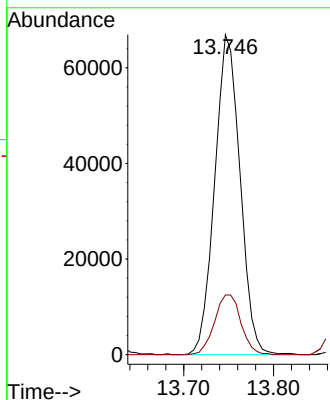
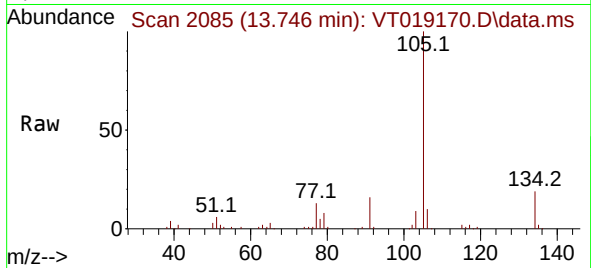
#81
 sec-Butylbenzene
 Concen: 23.616 ug/l
 RT: 13.746 min Scan# 2088
 Delta R.T. -0.018 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 130925
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

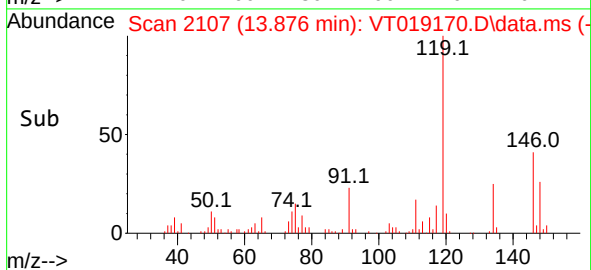
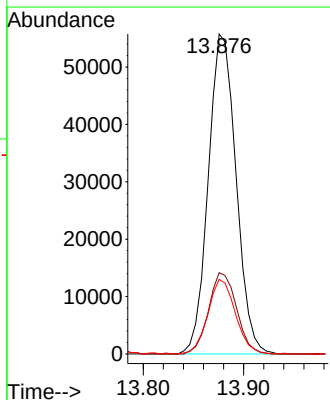
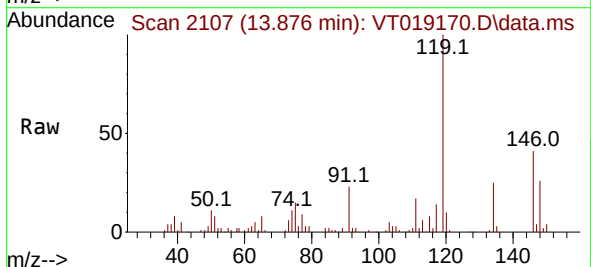
Manual Integrations
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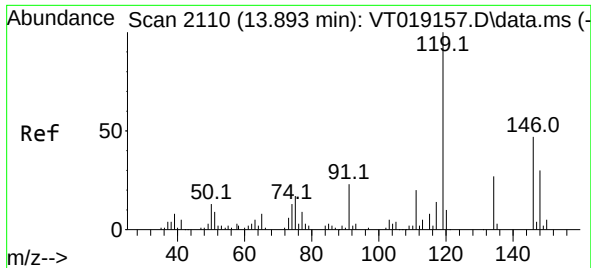
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#82
 p-Isopropyltoluene
 Concen: 23.259 ug/l
 RT: 13.876 min Scan# 2107
 Delta R.T. -0.017 min
 Lab File: VT019170.D
 Acq: 23 Oct 2025 14:16

Tgt Ion:119 Resp: 107272
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 23.0 0.0 51.0





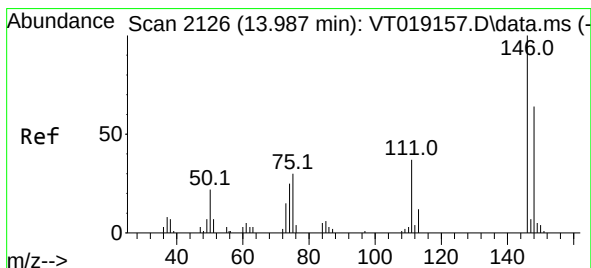
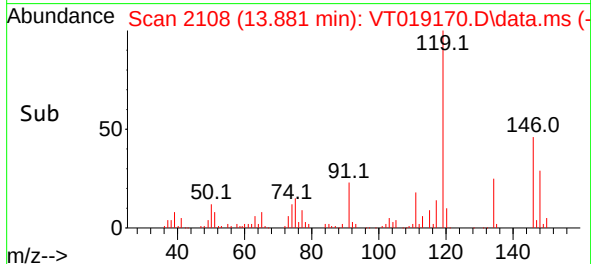
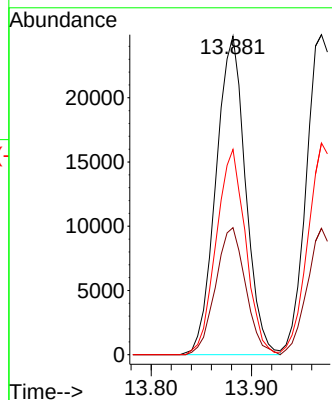
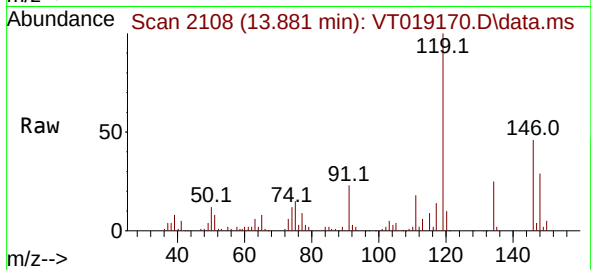
#83
1,3-Dichlorobenzene
Concen: 20.847 ug/l
RT: 13.881 min Scan# 2110
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 50760
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 63.9 31.8 95.3

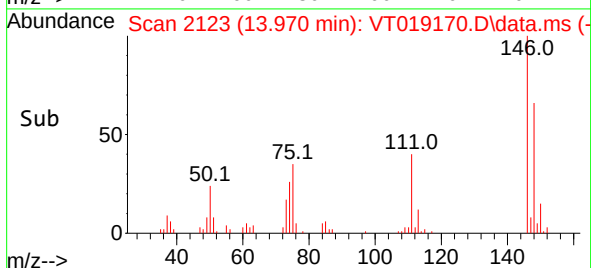
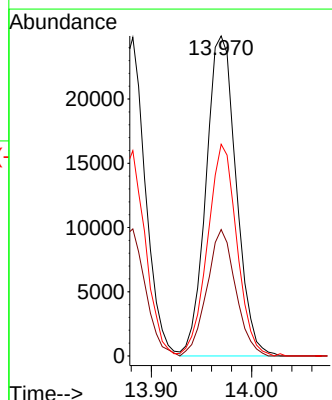
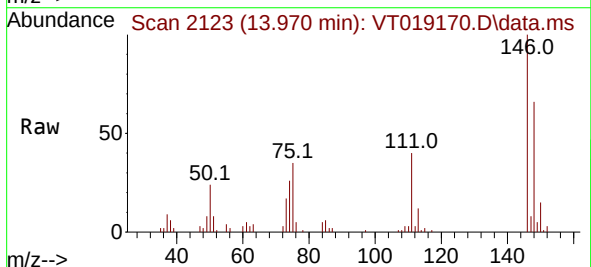
Manual Integrations
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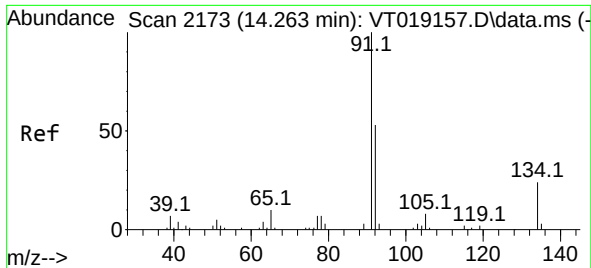
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,4-Dichlorobenzene
Concen: 21.219 ug/l
RT: 13.970 min Scan# 2123
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:146 Resp: 52026
Ion Ratio Lower Upper
146 100
111 37.7 20.4 61.3
148 64.3 32.3 96.8





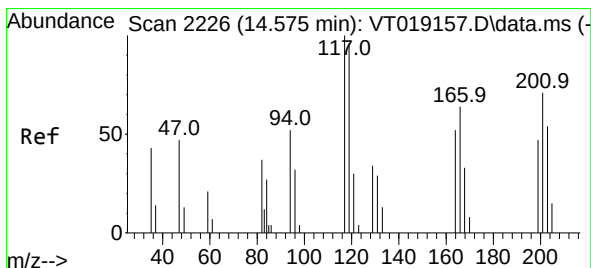
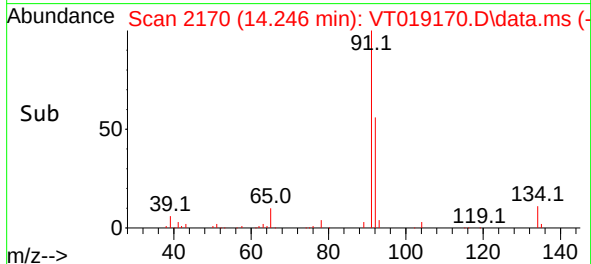
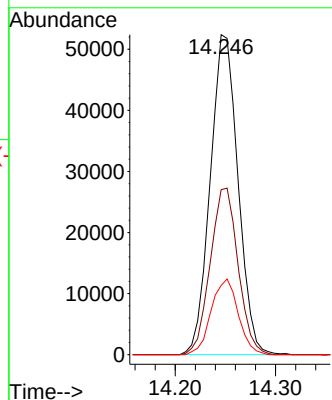
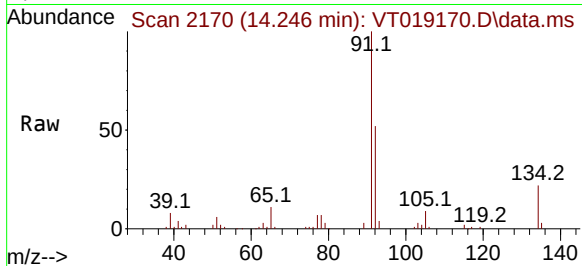
#85
n-Butylbenzene
Concen: 23.834 ug/l
RT: 14.246 min Scan# 2173
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 100600
Ion Ratio Lower Upper
91 100
92 52.3 0.0 107.8
134 23.1 0.0 50.0

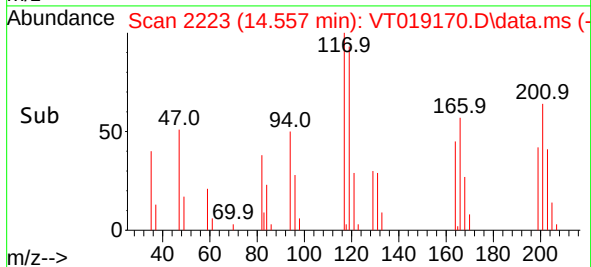
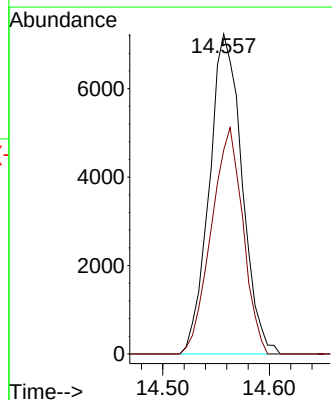
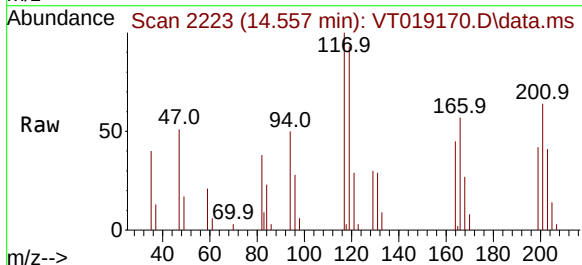
Manual Integrations
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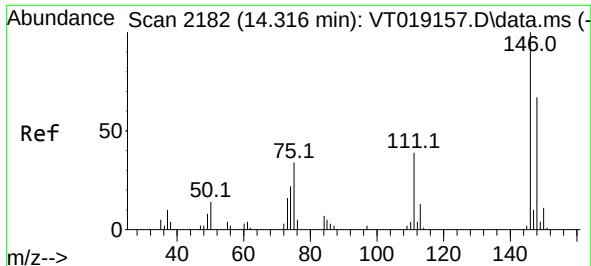
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#86
Hexachloroethane
Concen: 24.919 ug/l
RT: 14.557 min Scan# 2223
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

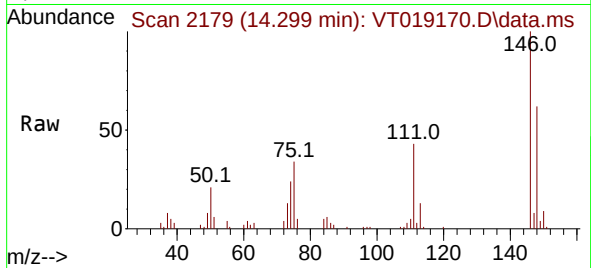
Tgt Ion:117 Resp: 15402
Ion Ratio Lower Upper
117 100
201 68.5 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 20.953 ug/l
RT: 14.299 min Scan# 2182
Delta R.T. -0.017 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

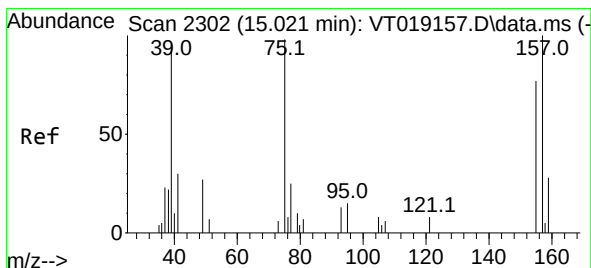
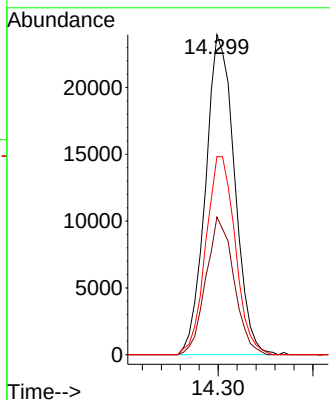
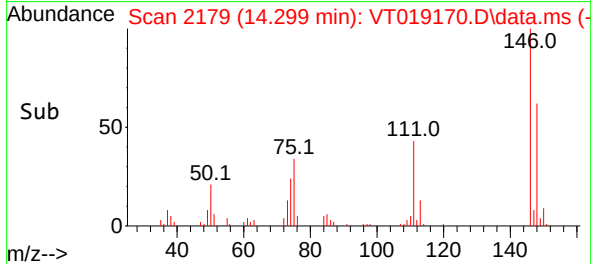
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 50979
Ion Ratio Lower Upper
146 100
111 41.4 21.8 65.3
148 62.8 32.4 97.0

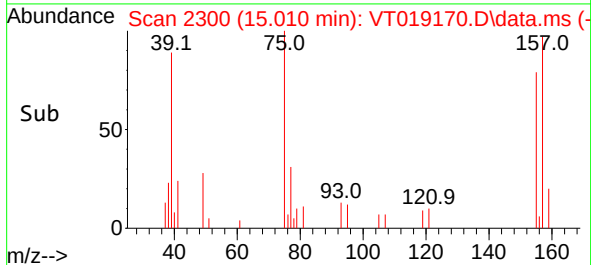
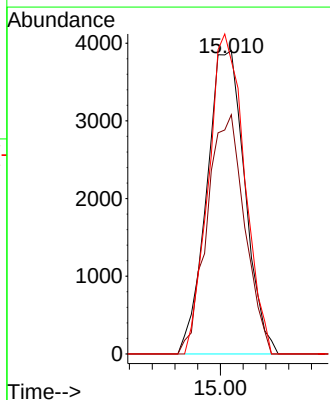
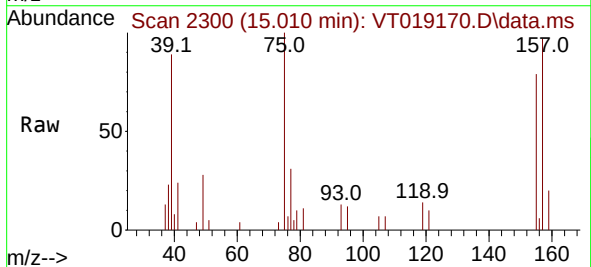
Manual Integrations
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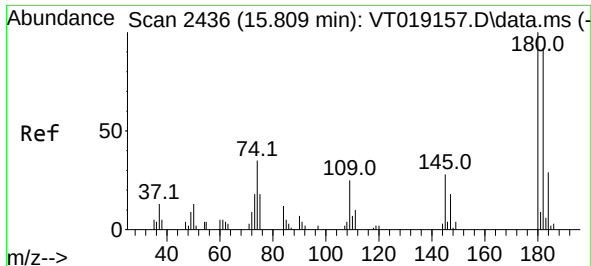
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.970 ug/l
RT: 15.010 min Scan# 2300
Delta R.T. -0.011 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion: 75 Resp: 9090
Ion Ratio Lower Upper
75 100
155 77.6 65.4 98.2
157 99.8 82.0 123.0





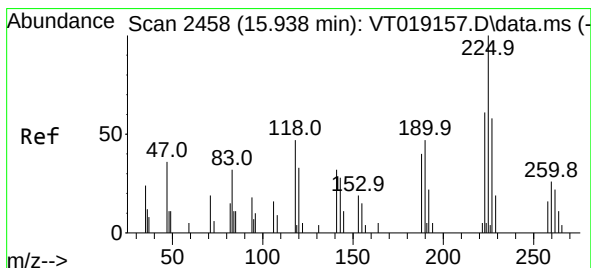
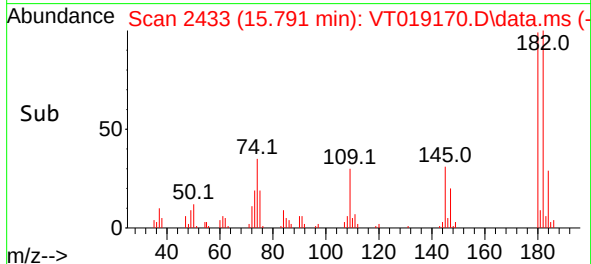
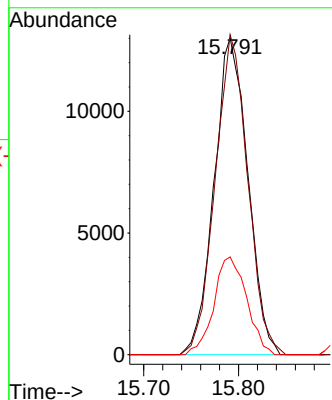
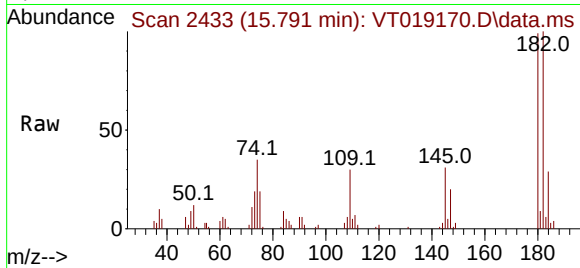
#89
1,2,4-Trichlorobenzene
Concen: 21.704 ug/l
RT: 15.791 min Scan# 2436
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 32144
Ion Ratio Lower Upper
180 100
182 97.3 78.2 117.2
145 30.0 26.5 39.7

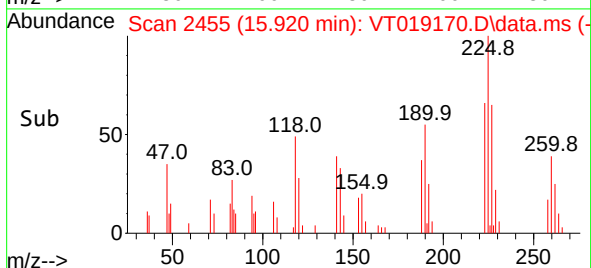
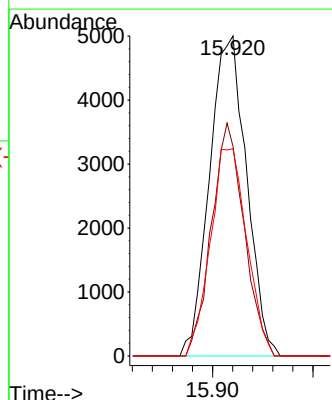
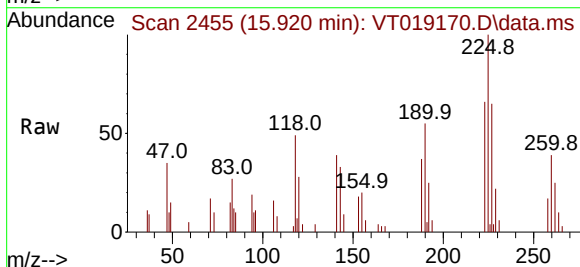
Manual Integrations
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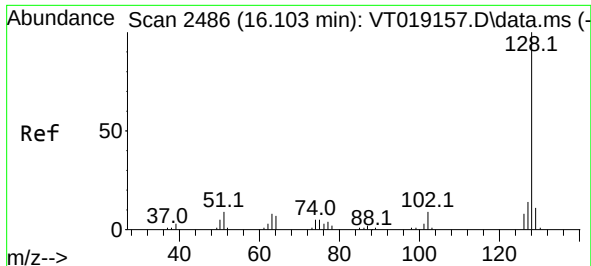
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachlorobutadiene
Concen: 26.118 ug/l
RT: 15.920 min Scan# 2455
Delta R.T. -0.018 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

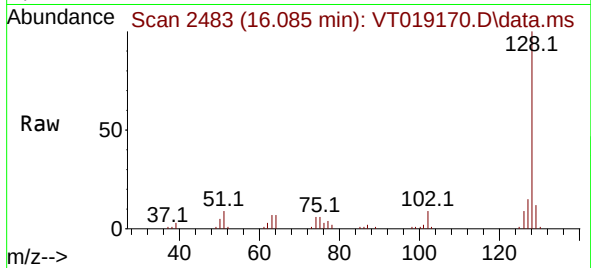
Tgt Ion:225 Resp: 12825
Ion Ratio Lower Upper
225 100
223 64.1 0.0 73.8
227 63.9 0.0 130.6





#91
Naphthalene
Concen: 19.447 ug/l
RT: 16.085 min Scan# 2486
Delta R.T. -0.012 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

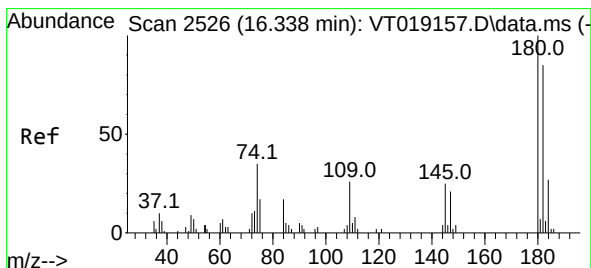
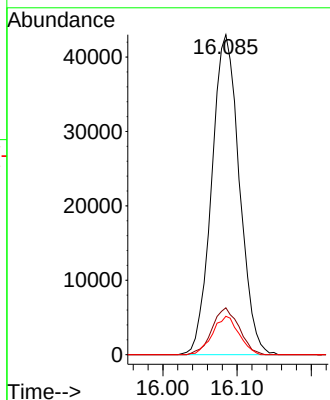
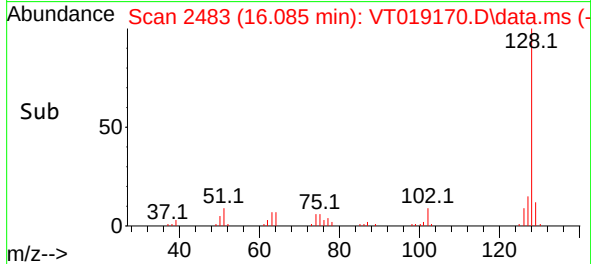
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 11132
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 11.5 9.0 13.4

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



#92
1,2,3-Trichlorobenzene
Concen: 21.267 ug/l
RT: 16.314 min Scan# 2522
Delta R.T. -0.024 min
Lab File: VT019170.D
Acq: 23 Oct 2025 14:16

Tgt Ion:180 Resp: 31791
Ion Ratio Lower Upper
180 100
182 91.8 0.0 189.0
145 31.4 0.0 69.2

