

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019163.D
 Acq On : 23 Oct 2025 9:22
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 06:39:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.072	128	21566	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.564	114	139642	30.000	ug/l	-0.01
57) Chlorobenzene-d5	11.743	117	114780	30.000	ug/l	-0.01
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	58490	30.957	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.200%			
60) 4-Bromofluorobenzene	12.877	95	53545	29.682	ug/l	-0.01
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.933%			
63) Toluene-d8	10.245	98	167906	30.055	ug/l	-0.01
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.167%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.884	85	11962	20.211	ug/l	94
3) Chloromethane	2.107	50	26222m	19.301	ug/l	
4) Vinyl Chloride	2.201	62	24954	16.435	ug/l	99
5) Bromomethane	2.542	94	22480	17.828	ug/l	91
6) Chloroethane	2.683	64	24509	18.303	ug/l	99
7) Trichlorofluoromethane	2.982	101	45219	18.364	ug/l	100
8) Diethyl Ether	3.353	74	27802	18.338	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.676	101	19710	20.388	ug/l	75
10) 1,1-Dichloroethene	3.664	96	19237	19.864	ug/l	98
11) Methyl Iodide	3.858	142	19723	20.899	ug/l #	8
12) Methyl Acetate	4.216	43	76849	20.067	ug/l	96
13) Acrolein	3.535	56	16313	126.301	ug/l #	68
14) Acrylonitrile	4.833	53	111923	94.818	ug/l	98
15) Acetone	3.735	58	41913	99.660	ug/l	91
16) Carbon Disulfide	3.958	76	34535	19.093	ug/l	99
17) Allyl chloride	4.216	41	40350	17.527	ug/l	92
18) Methylene Chloride	4.422	84	28345	19.624	ug/l	100
19) trans-1,2-Dichloroethene	6.684	96	29012	19.471	ug/l	96
20) Diisopropyl ether	5.791	45	117958	20.129	ug/l #	70
21) 1,1-Dichloroethane	5.691	63	52780	19.275	ug/l	100
22) cis-1,2-Dichloroethene	6.684	96	29012	19.471	ug/l	92
23) tert-Butyl Alcohol	4.651	59	47996	92.809	ug/l #	100
24) Methyl tert-Butyl Ether	4.898	73	115189	19.794	ug/l	97
25) Chloroform	7.254	83	49085	19.596	ug/l	93
26) Cyclohexane	7.554	56	31206	19.420	ug/l #	97
29) 1,1-Dichloropropene	7.701	75	28163	19.274	ug/l	97
30) 2-Butanone	6.684	43	166631	92.517	ug/l	99
31) 2,2-Dichloropropane	6.678	77	42417	19.827	ug/l	95
32) 1,1,1-Trichloroethane	7.465	97	36126	19.624	ug/l #	76
33) Carbon Tetrachloride	7.677	117	23364	19.808	ug/l #	99
34) Benzene	7.971	78	103997	19.210	ug/l #	82
35) Methacrylonitrile	7.042	41	29517	19.254	ug/l	98
36) 1,2-Dichloroethane	8.059	62	39596	19.730	ug/l	99
37) Trichloroethene	8.835	130	18931	19.009	ug/l	94
38) Methylcyclohexane	9.111	83	29564	20.091	ug/l	97
39) 1,2-Dichloropropane	9.158	63	27620	19.480	ug/l	93
40) Dibromomethane	9.252	93	16684	19.084	ug/l #	75
41) Bromodichloromethane	10.779	83	21537	19.179	ug/l #	89
42) Vinyl Acetate	5.732	43	423308	95.795	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.790	43	58275	19.683	ug/l	99
44) Isopropyl Acetate	8.106	43	89732	19.257	ug/l	97
45) 1,4-Dioxane	9.252	88	15048	372.248	ug/l #	75
46) Methyl methacrylate	9.246	41	39361	18.892	ug/l	82
47) n-amyl Acetate	12.489	43	61285	19.544	ug/l	98
48) t-1,3-Dichloropropene	10.574	75	39795	19.531	ug/l	98
49) cis-1,3-Dichloropropene	9.957	75	42209	19.720	ug/l	95
50) 1,1,2-Trichloroethane	10.779	97	25094	19.516	ug/l #	83
51) Ethyl methacrylate	10.627	69	47428	19.682	ug/l	93
52) 1,3-Dichloropropane	10.944	76	43697	19.027	ug/l	97
53) Dibromochloromethane	11.167	129	23444	19.546	ug/l #	1
54) 1,2-Dibromoethane	11.285	107	22896	19.145	ug/l	99
55) 2-Chloroethyl vinyl ether	9.798	63	59646	84.868	ug/l	98
56) Bromoform	12.560	173	15551	19.722	ug/l #	15
58) 4-Methyl-2-Pentanone	10.121	43	261102	92.889	ug/l	98
59) 2-Hexanone	10.121	43	261102	92.889	ug/l #	83
61) Tetrachloroethene	10.856	164	14568	20.080	ug/l	93
62) Toluene	10.315	91	101139	19.673	ug/l	97
64) Chlorobenzene	11.772	112	62343	19.853	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.855	131	20080	19.631	ug/l	90
66) Ethyl Benzene	11.860	91	109871	19.664	ug/l	98
67) m/p-Xylenes	11.984	106	81555	39.266	ug/l	97
68) o-Xylene	12.354	106	41005	19.126	ug/l	97
69) Styrene	12.372	104	74398	19.329	ug/l	96
70) Isopropylbenzene	12.701	105	104352	19.844	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.989	83	40028	19.400	ug/l	97
72) 1,2,3-Trichloropropane	13.047	75	33635m	22.084	ug/l	
73) Bromobenzene	13.018	156	24561	19.862	ug/l	62
74) n-propylbenzene	13.088	91	126345	19.925	ug/l	97
75) 2-Chlorotoluene	13.294	91	77567	19.982	ug/l	100
76) 1,3,5-Trimethylbenzene	13.247	105	87840	20.361	ug/l	96
77) t-1,4-Dichloro-2-butene	12.754	75	14321	19.352	ug/l	85
78) 4-Chlorotoluene	13.188	91	75344	19.676	ug/l	95
79) tert-butylbenzene	13.547	119	76345	19.925	ug/l	95
80) 1,2,4-Trimethylbenzene	13.600	105	87574	19.456	ug/l	98
81) sec-Butylbenzene	13.746	105	110537	20.021	ug/l	99
82) p-Isopropyltoluene	13.882	119	90651	19.737	ug/l	98
83) 1,3-Dichlorobenzene	13.882	146	47827	19.721	ug/l	99
84) 1,4-Dichlorobenzene	13.970	146	49184	20.143	ug/l	97
85) n-Butylbenzene	14.246	91	82148	19.542	ug/l	98
86) Hexachloroethane	14.563	117	13447	21.846	ug/l #	1
87) 1,2-Dichlorobenzene	14.305	146	47648	19.667	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	15.004	75	8883	19.596	ug/l #	70
89) 1,2,4-Trichlorobenzene	15.791	180	29236	19.823	ug/l	97
90) Hexachlorobutadiene	15.915	225	10060	20.572	ug/l	81
91) Naphthalene	16.091	128	106161	18.623	ug/l	98
92) 1,2,3-Trichlorobenzene	16.314	180	29115	19.558	ug/l	99

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

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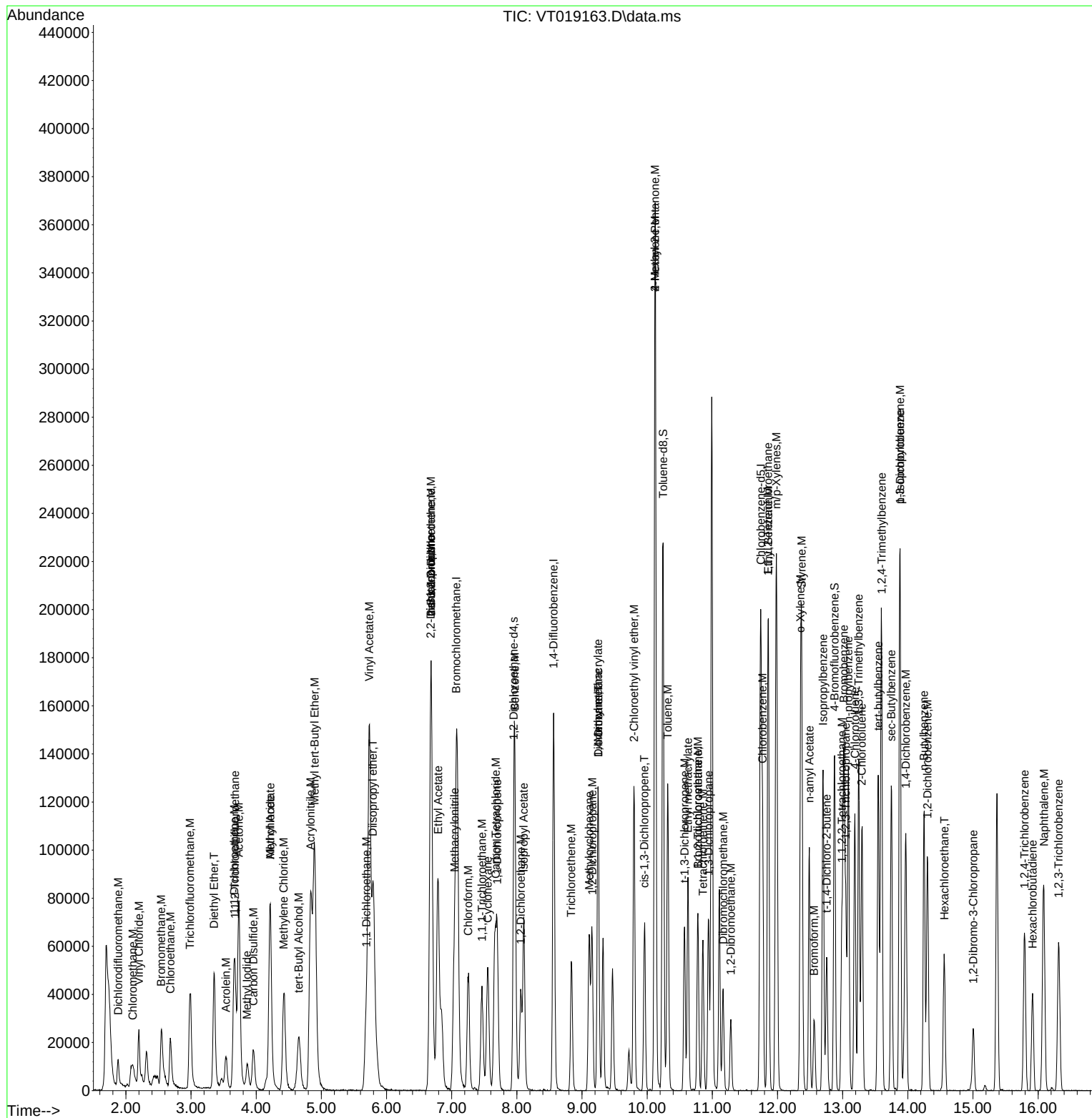
Manual Integrations

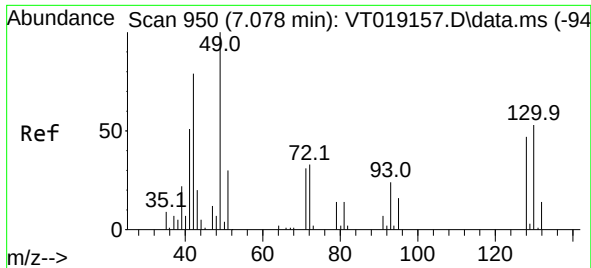
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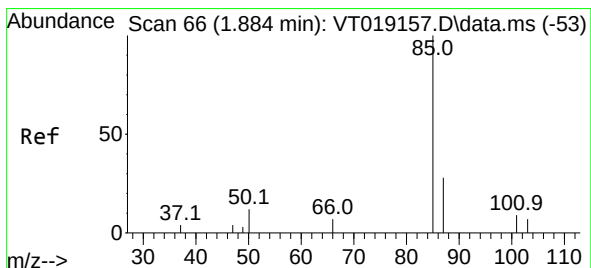
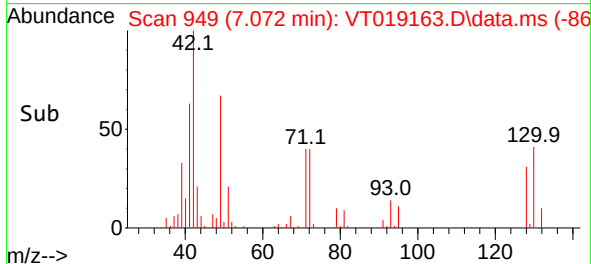
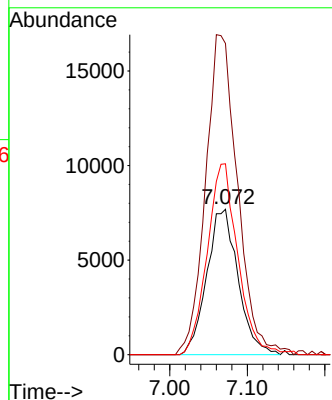
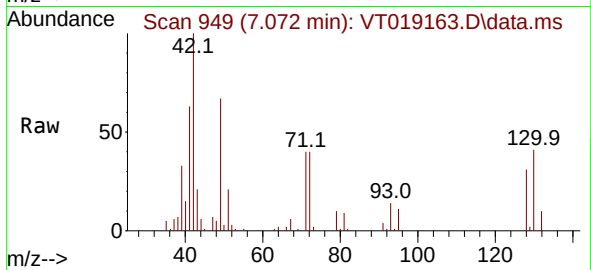
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.072 min Scan# 94
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

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VSTDCCC020

Tgt Ion:128 Resp: 2156
Ion Ratio Lower Upper
128 100
49 222.8 0.0 0.0
130 128.1 0.0 0.0

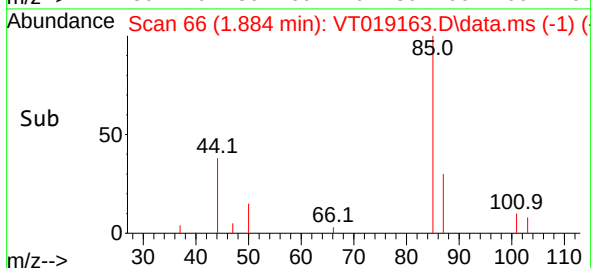
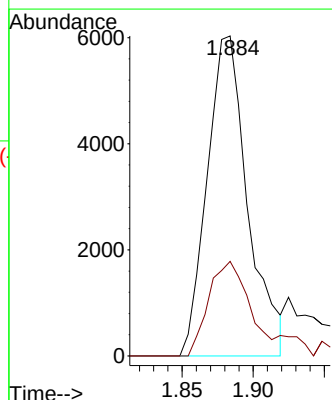
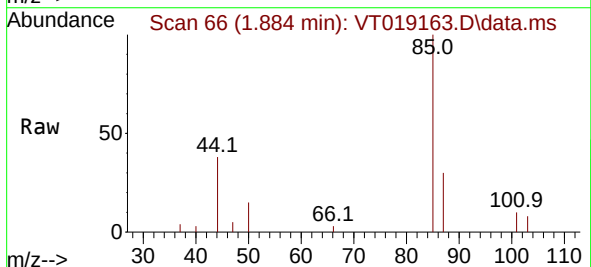
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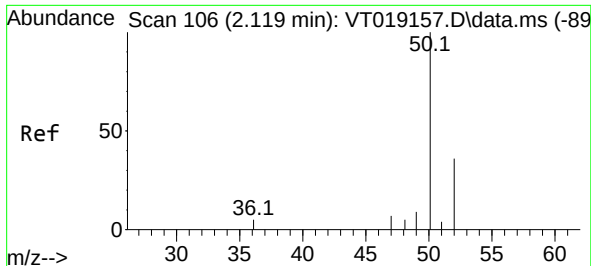
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#2
Dichlorodifluoromethane
Concen: 20.211 ug/l
RT: 1.884 min Scan# 66
Delta R.T. 0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 85 Resp: 11962
Ion Ratio Lower Upper
85 100
87 29.6 16.4 49.1





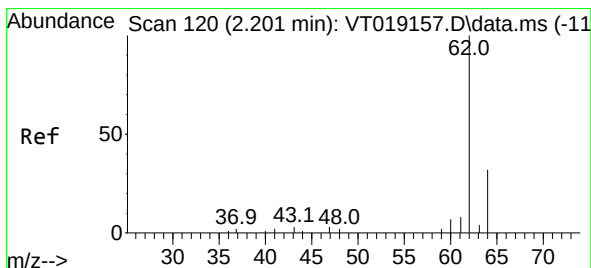
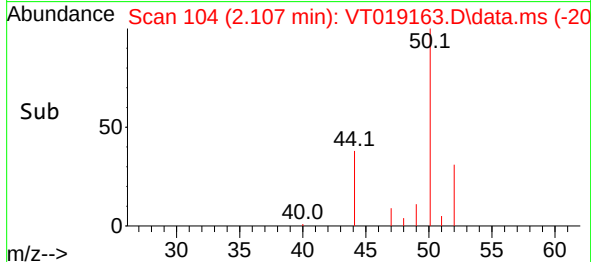
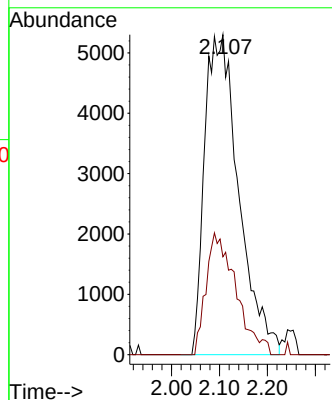
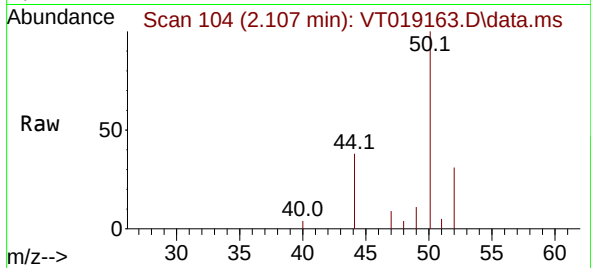
#3
Chloromethane
Concen: 19.301 ug/l m
RT: 2.107 min Scan# 106
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

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Tgt Ion: 50 Resp: 2622
Ion Ratio Lower Upper
50 100
52 30.6 24.4 36.6

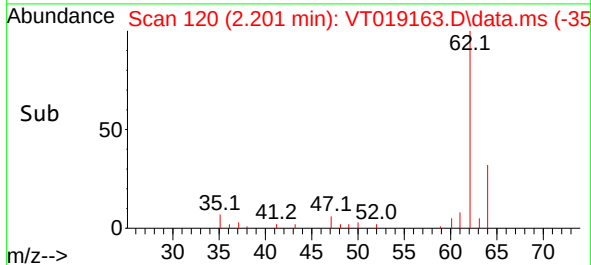
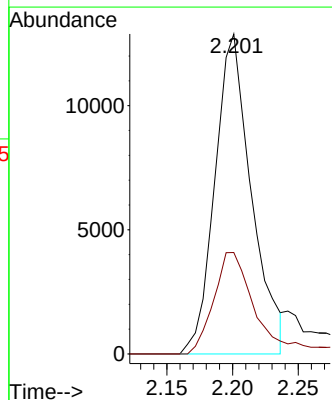
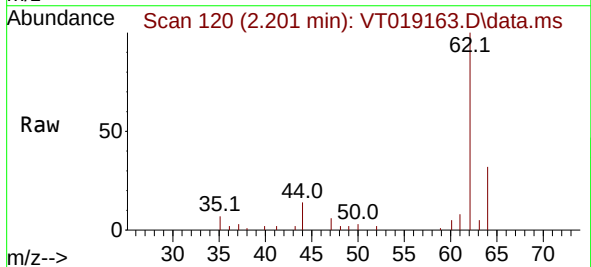
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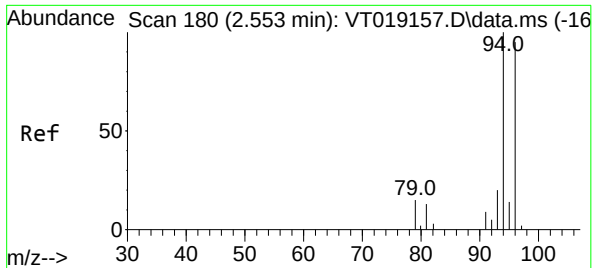
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 16.435 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 62 Resp: 24954
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





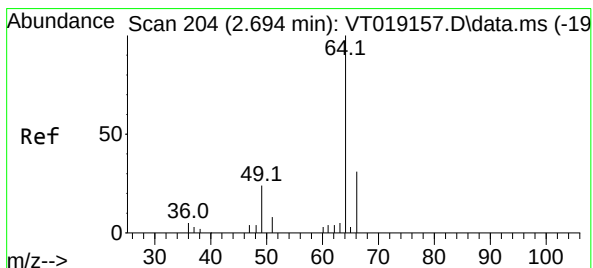
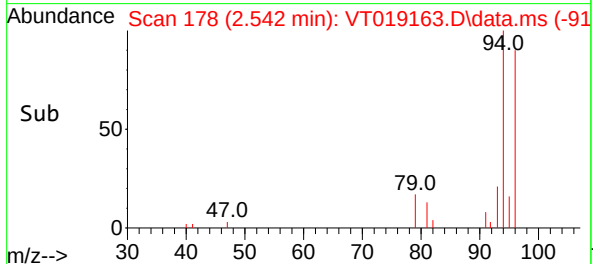
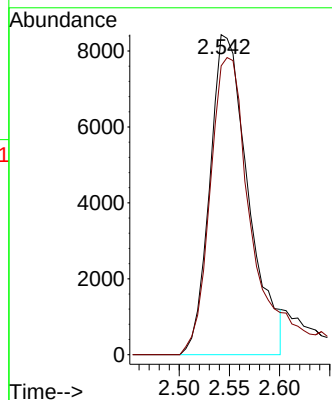
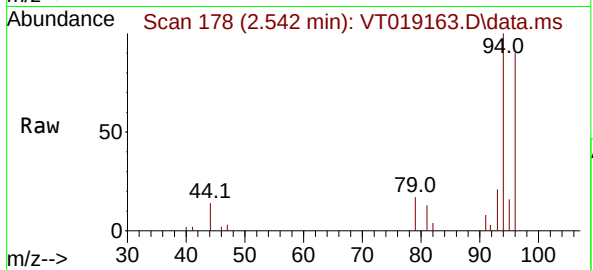
#5
Bromomethane
Concen: 17.828 ug/l
RT: 2.542 min Scan# 11
Delta R.T. 0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

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Tgt Ion: 94 Resp: 22480
Ion Ratio Lower Upper
94 100
96 90.2 66.0 99.0

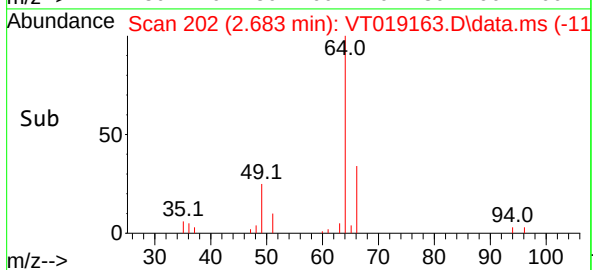
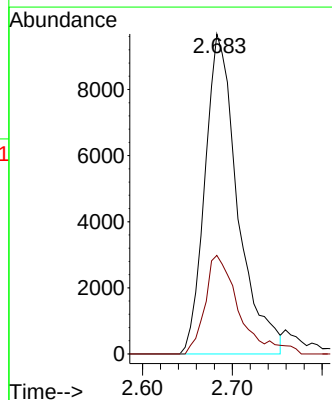
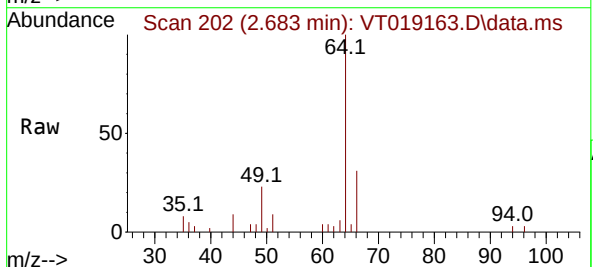
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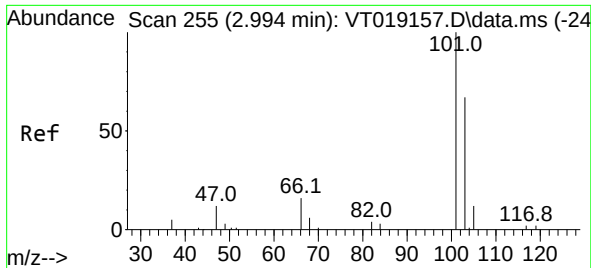
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 18.303 ug/l
RT: 2.683 min Scan# 202
Delta R.T. 0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 64 Resp: 24509
Ion Ratio Lower Upper
64 100
66 30.8 24.3 36.5





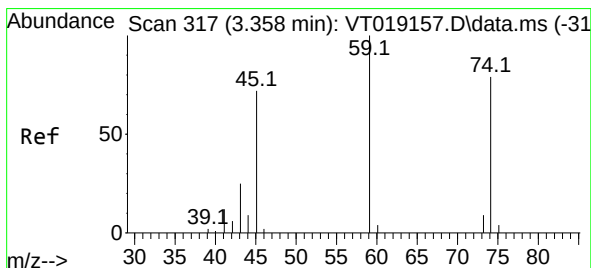
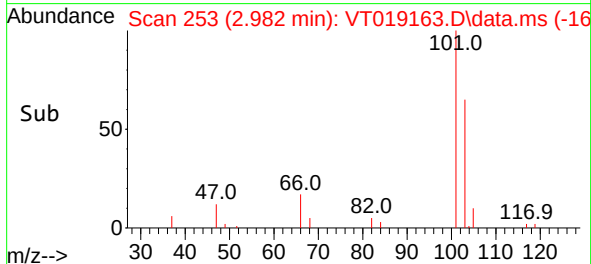
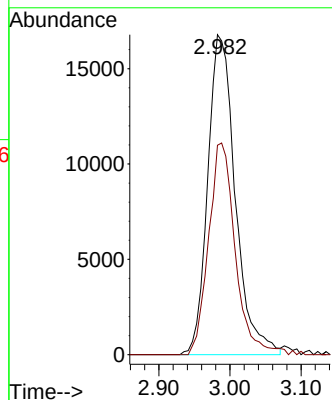
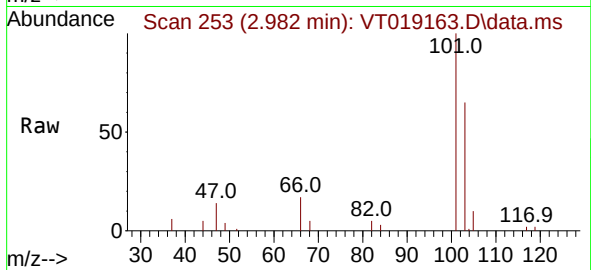
#7
Trichlorofluoromethane
Concen: 18.364 ug/l
RT: 2.982 min Scan# 21
Delta R.T. 0.000 min
Lab File: VT019163.D
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Tgt Ion:101 Resp: 45219
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

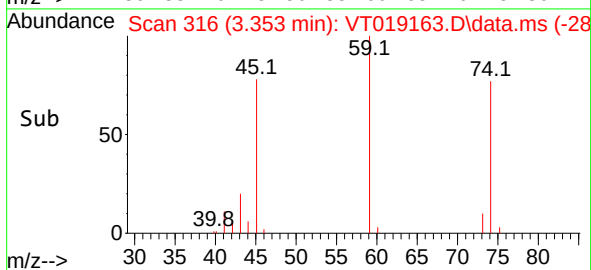
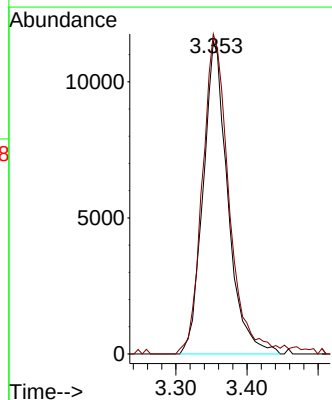
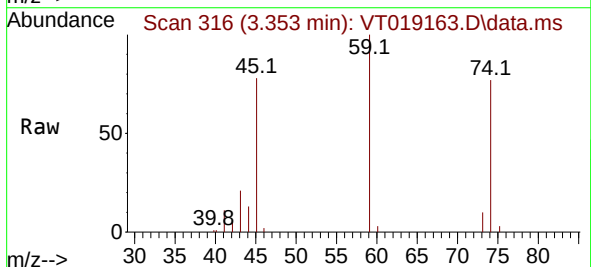
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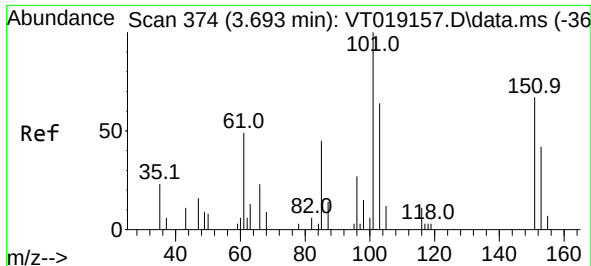
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 18.338 ug/l
RT: 3.353 min Scan# 316
Delta R.T. -0.005 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 74 Resp: 27802
Ion Ratio Lower Upper
74 100
45 109.7 22.0 197.6





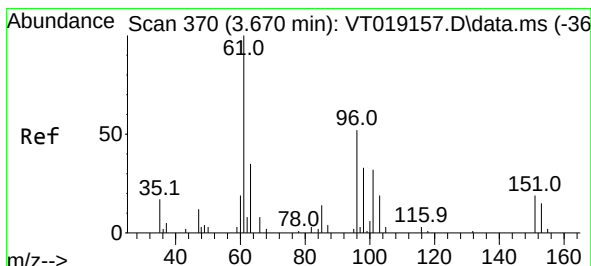
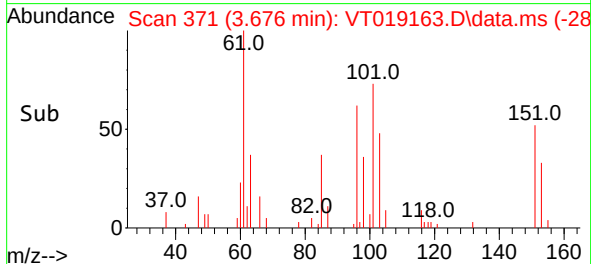
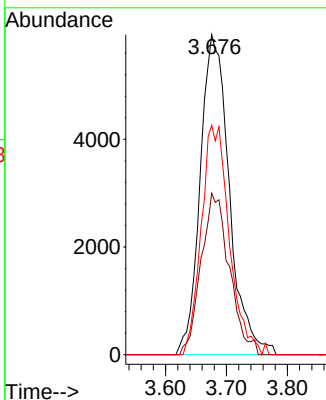
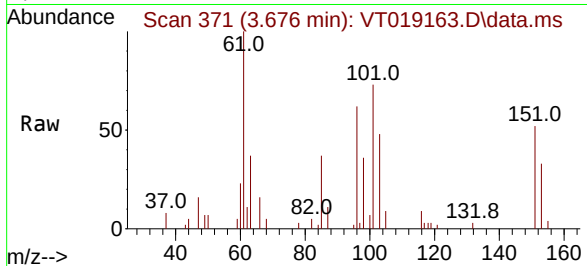
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.388 ug/l
RT: 3.676 min Scan# 31
Delta R.T. -0.006 min
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Tgt Ion:101 Resp: 19710
Ion Ratio Lower Upper
101 100
85 48.2 0.0 91.8
151 37.2 0.0 137.2

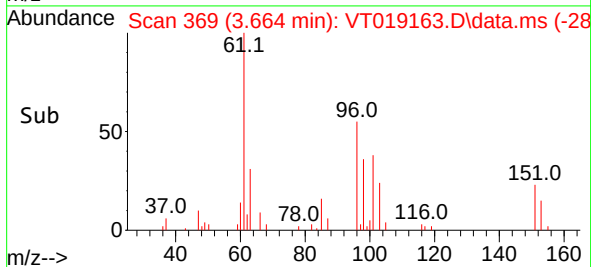
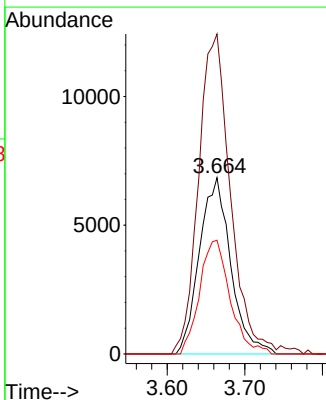
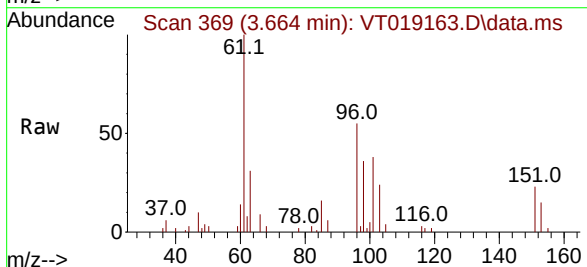
Manual Integrations
APPROVED

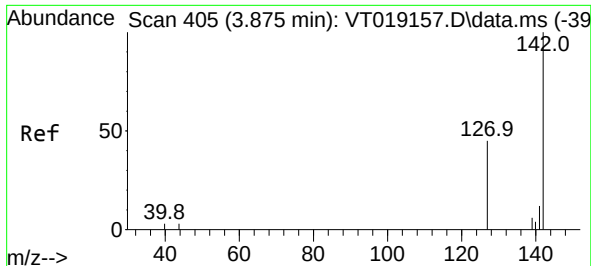
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
1,1-Dichloroethene
Concen: 19.864 ug/l
RT: 3.664 min Scan# 369
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

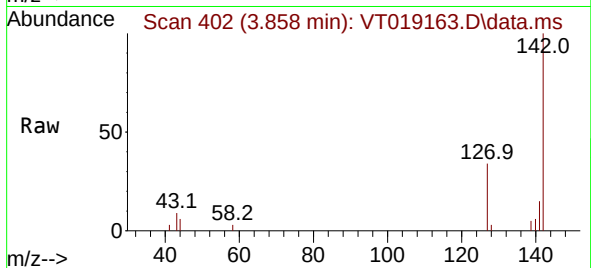
Tgt Ion: 96 Resp: 19237
Ion Ratio Lower Upper
96 100
61 179.1 145.5 218.3
98 64.5 49.5 74.3





#11
Methyl Iodide
Concen: 20.899 ug/l
RT: 3.858 min Scan# 405
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

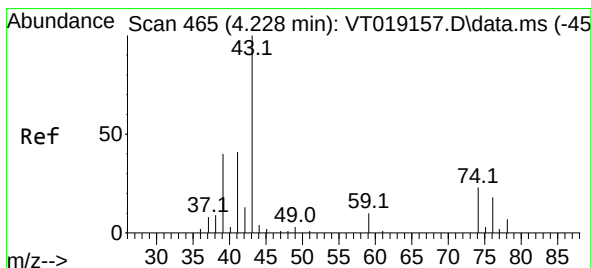
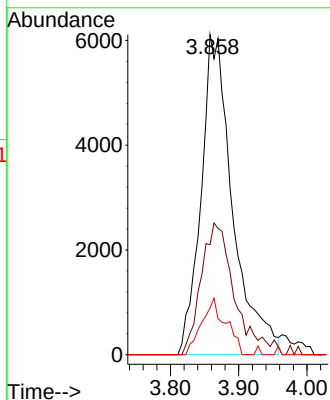
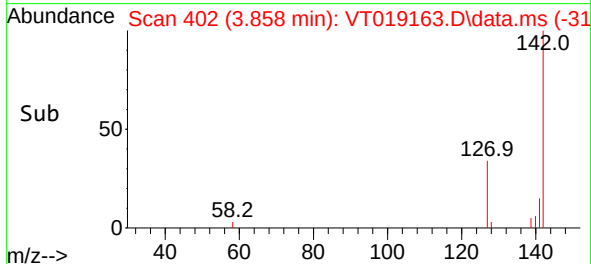
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 1972
Ion Ratio Lower Upper
142 100
127 34.0 0.9 2.8
141 13.6 55.5 166.5

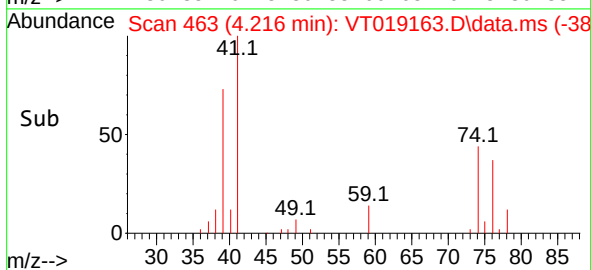
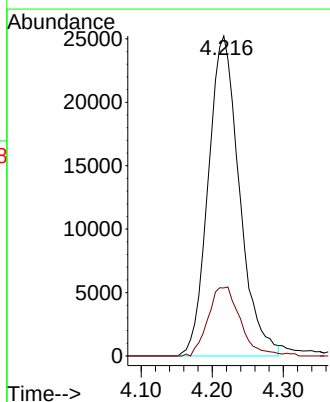
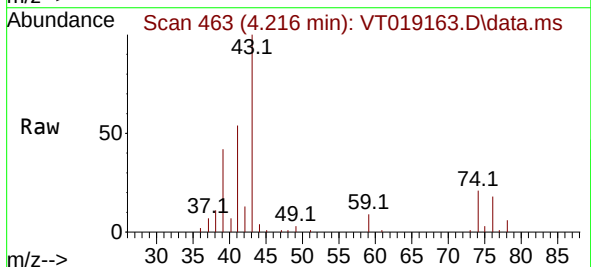
Manual Integrations
APPROVED

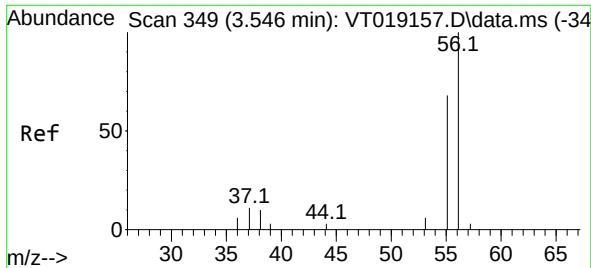
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
Methyl Acetate
Concen: 20.067 ug/l
RT: 4.216 min Scan# 463
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

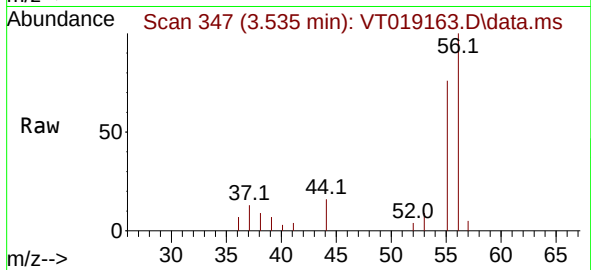
Tgt Ion: 43 Resp: 76849
Ion Ratio Lower Upper
43 100
74 21.2 18.4 27.6





#13
Acrolein
Concen: 126.301 ug/l
RT: 3.535 min Scan# 349
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

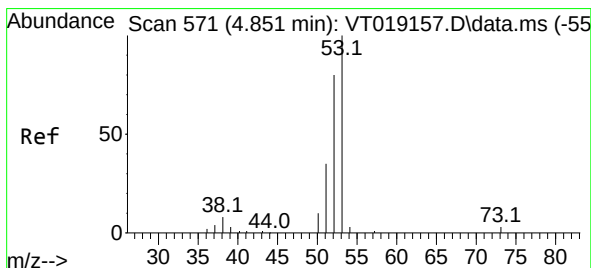
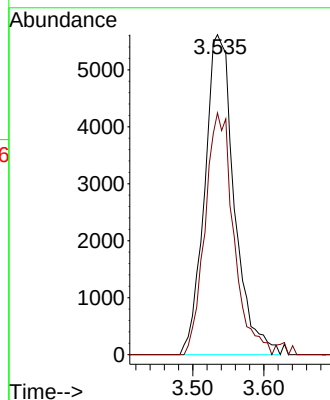
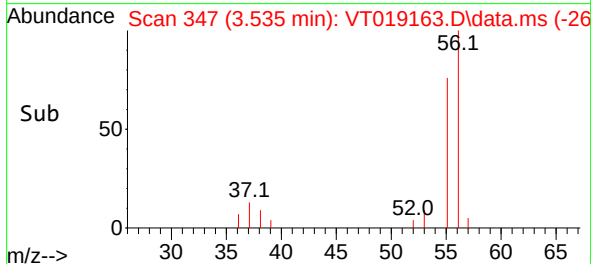
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



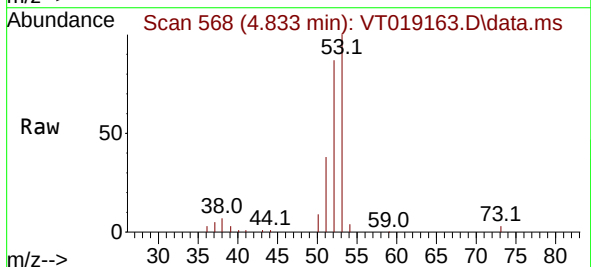
Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
55 44.6 56.8 85.2

Manual Integrations
APPROVED

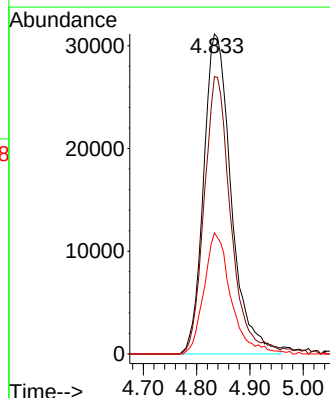
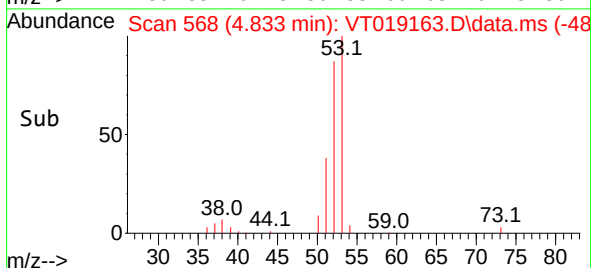
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

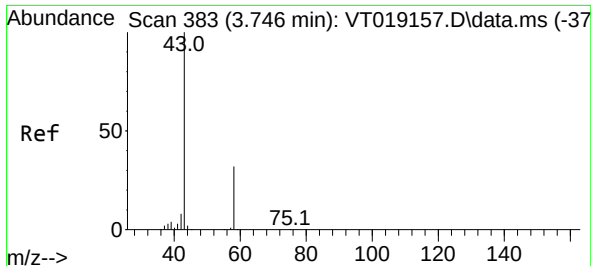


#14
Acrylonitrile
Concen: 94.818 ug/l
RT: 4.833 min Scan# 568
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



Tgt Ion: 53 Resp: 111923
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.7
51 36.9 17.2 51.5





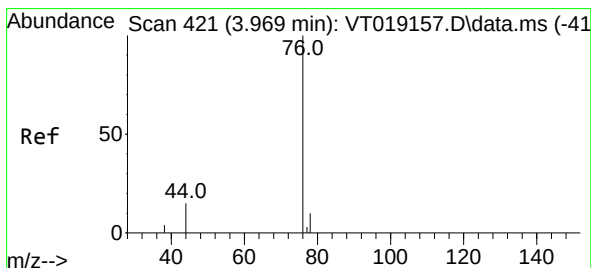
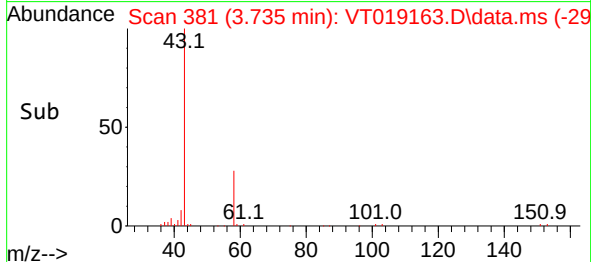
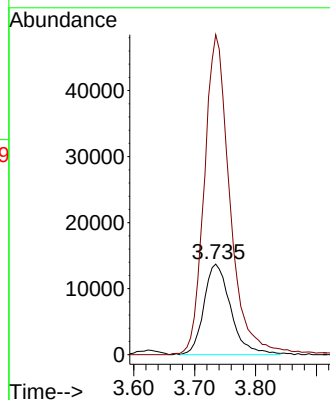
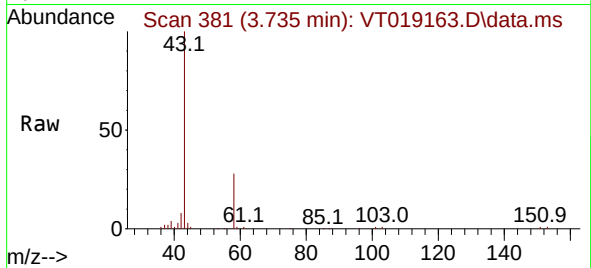
#15
Acetone
Concen: 99.660 ug/l
RT: 3.735 min Scan# 381
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 4191
Ion Ratio Lower Upper
58 100
43 351.9 266.9 400.3

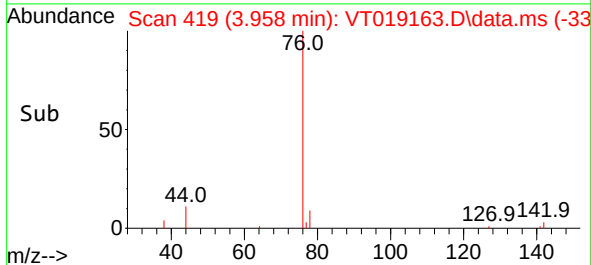
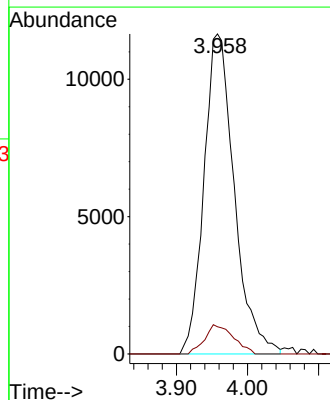
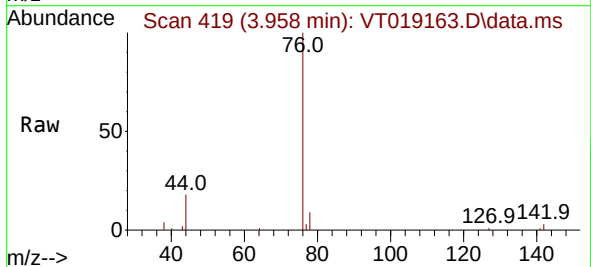
Manual Integrations
APPROVED

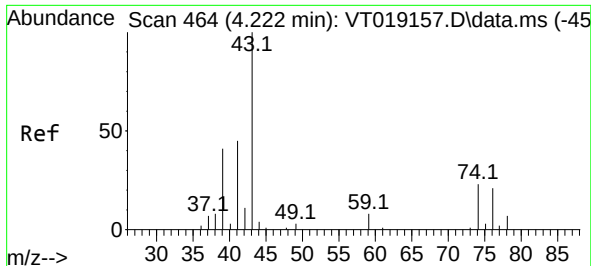
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Carbon Disulfide
Concen: 19.093 ug/l
RT: 3.958 min Scan# 419
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 76 Resp: 34535
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7





#17

Allyl chloride

Concen: 17.527 ug/l

RT: 4.216 min Scan# 40

Delta R.T. -0.006 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 40350

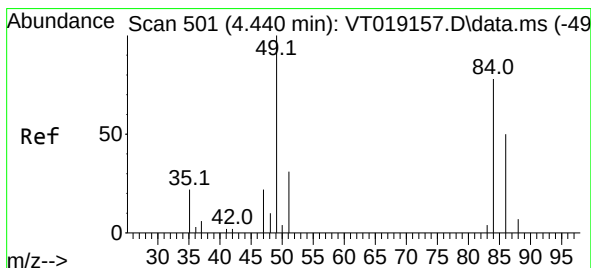
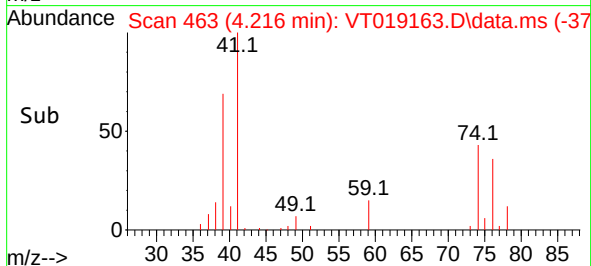
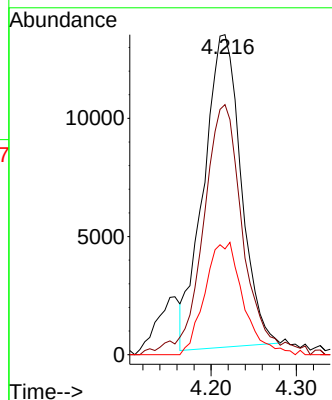
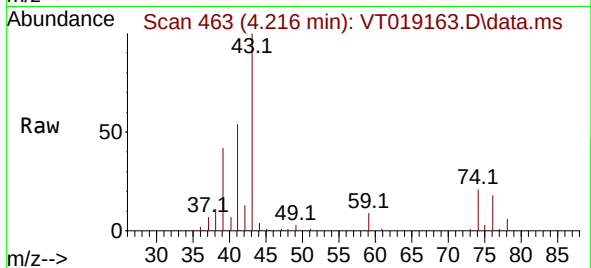
Ion	Ratio	Lower	Upper
41	100		
39	78.0	34.3	102.8
76	34.3	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#18

Methylene Chloride

Concen: 19.624 ug/l

RT: 4.422 min Scan# 498

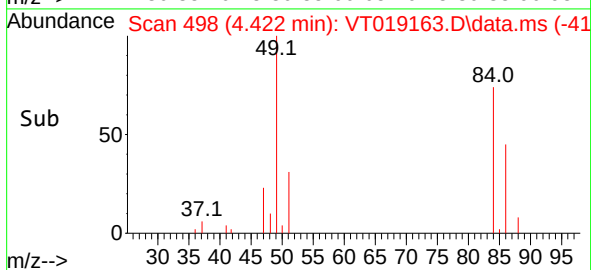
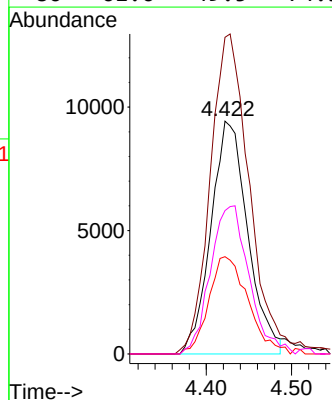
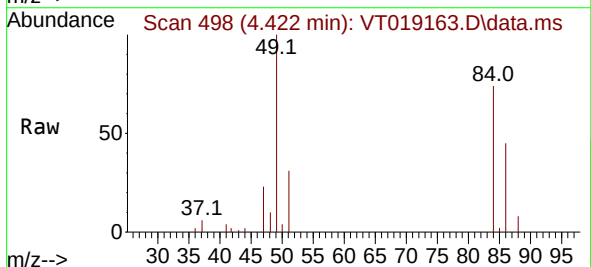
Delta R.T. -0.006 min

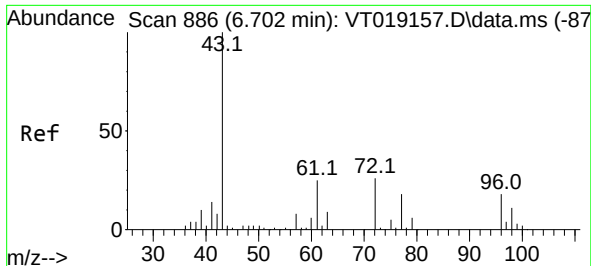
Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Tgt Ion: 84 Resp: 28345

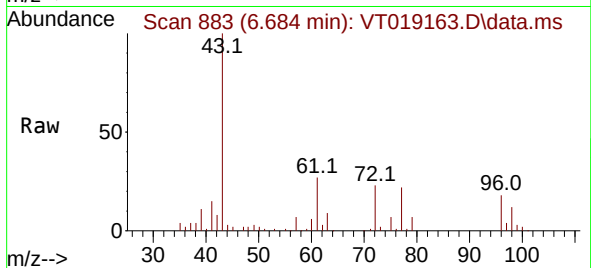
Ion	Ratio	Lower	Upper
84	100		
49	134.2	107.9	161.9
51	41.8	33.4	50.2
86	61.6	49.5	74.3





#19
trans-1,2-Dichloroethene
Concen: 19.471 ug/l
RT: 6.684 min Scan# 886
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

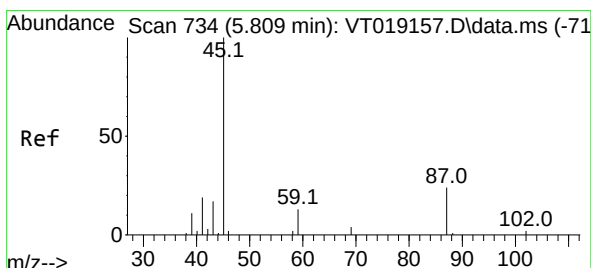
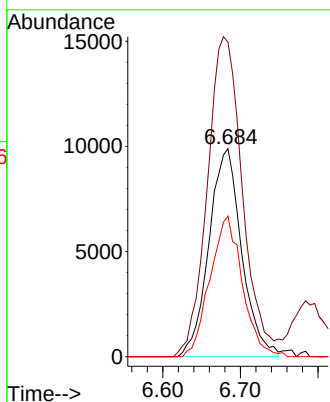
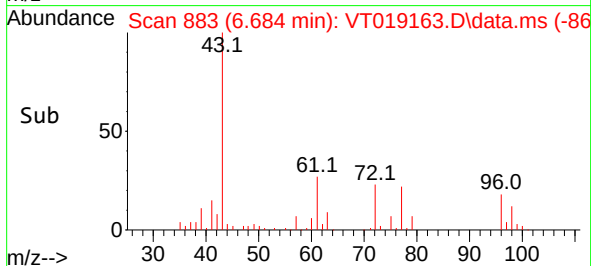
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 29012
Ion Ratio Lower Upper
96 100
61 149.1 122.3 183.5
98 67.6 50.2 75.2

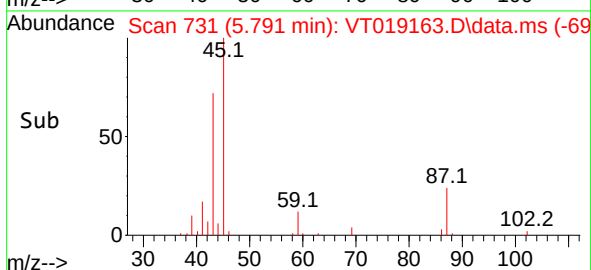
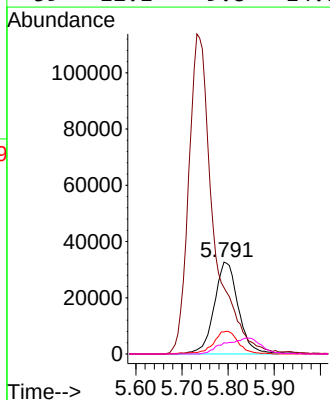
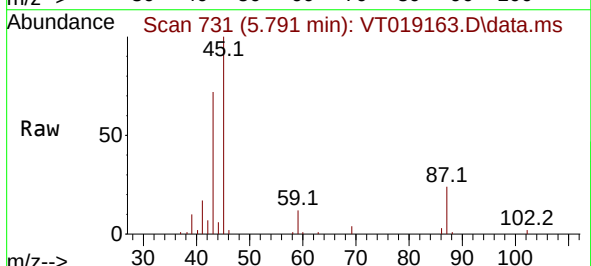
Manual Integrations
APPROVED

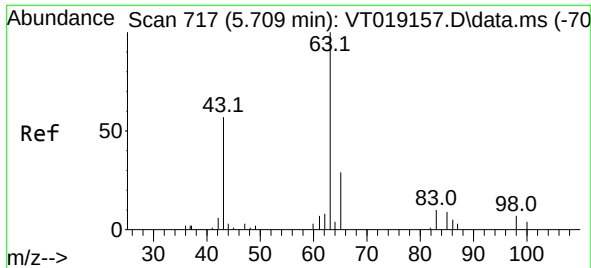
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Diisopropyl ether
Concen: 20.129 ug/l
RT: 5.791 min Scan# 731
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 45 Resp: 117958
Ion Ratio Lower Upper
45 100
43 70.0 89.1 133.7#
87 24.0 21.3 31.9
59 12.1 9.8 14.8





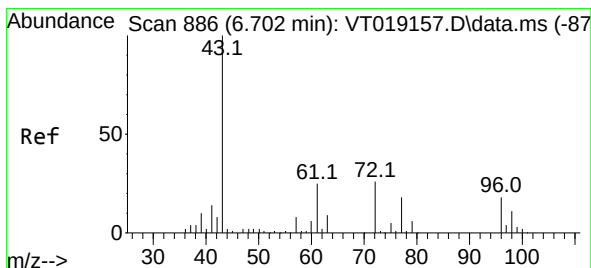
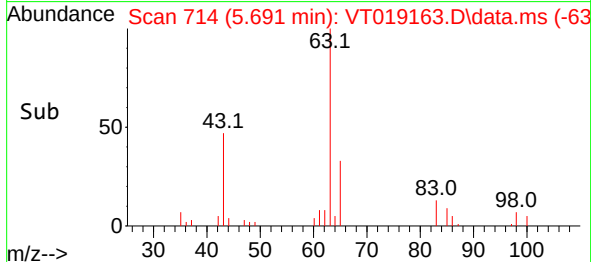
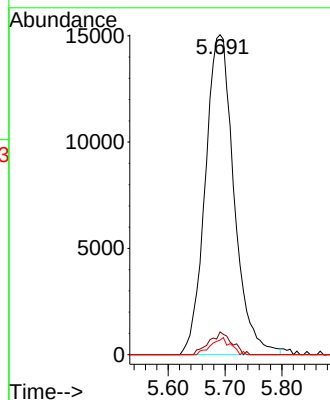
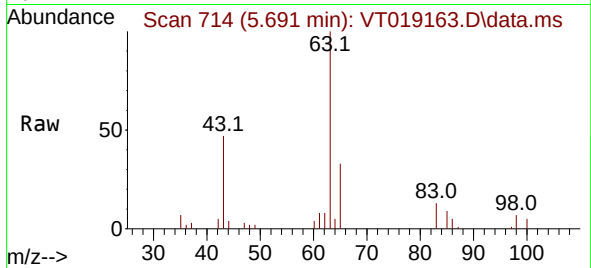
#21
1,1-Dichloroethane
Concen: 19.275 ug/l
RT: 5.691 min Scan# 714
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 52780
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.5
100 4.6 2.2 6.6

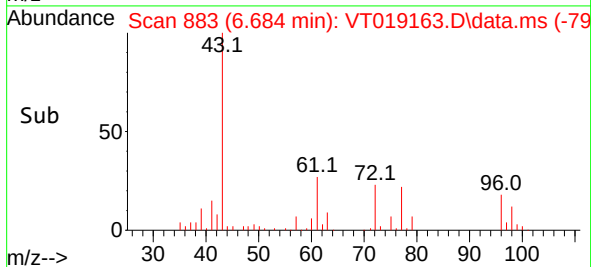
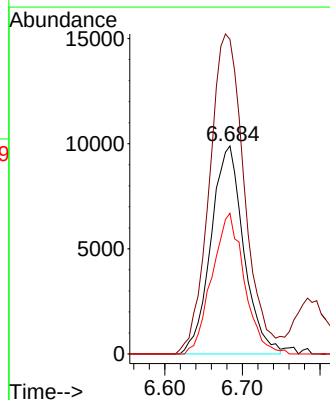
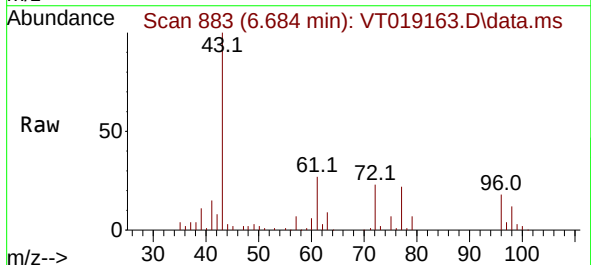
Manual Integrations
APPROVED

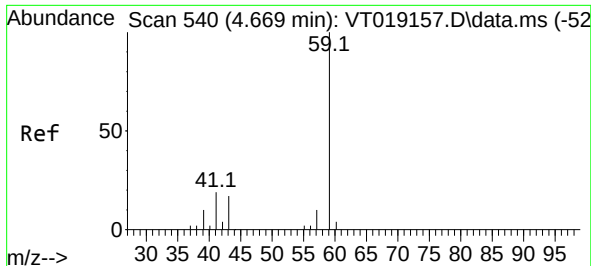
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
cis-1,2-Dichloroethene
Concen: 19.471 ug/l
RT: 6.684 min Scan# 883
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 96 Resp: 29012
Ion Ratio Lower Upper
96 100
61 164.3 120.0 180.0
98 66.6 52.8 79.2





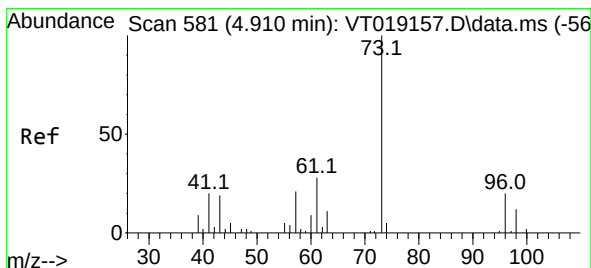
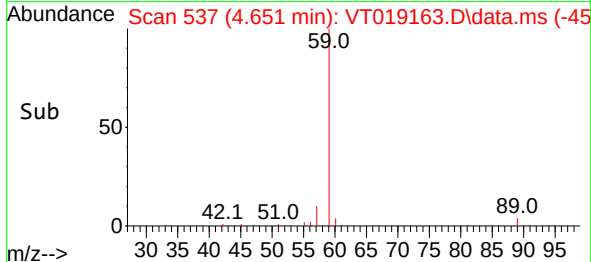
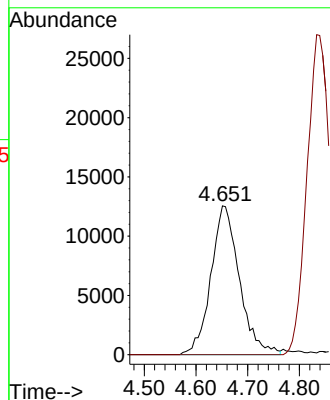
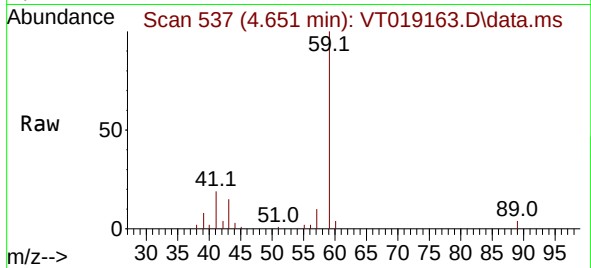
#23
tert-Butyl Alcohol
Concen: 92.809 ug/l
RT: 4.651 min Scan# 511
Delta R.T. -0.024 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 47990
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

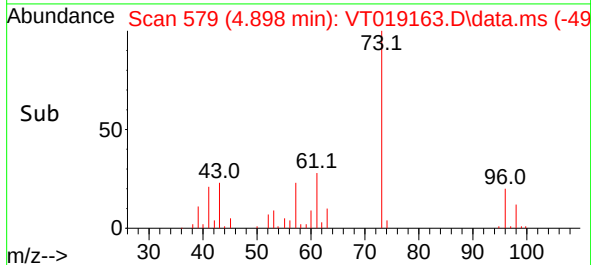
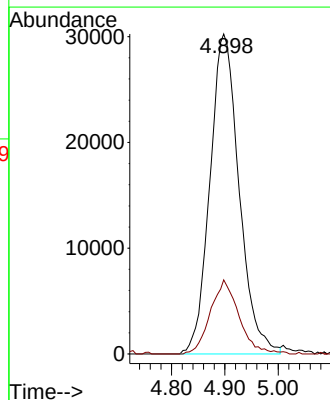
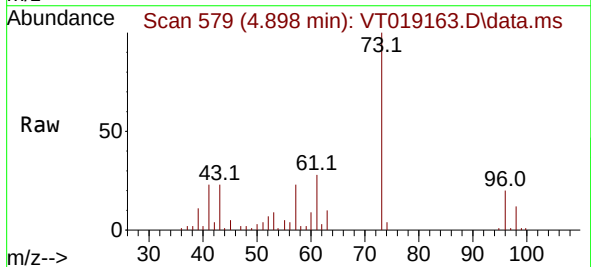
Manual Integrations
APPROVED

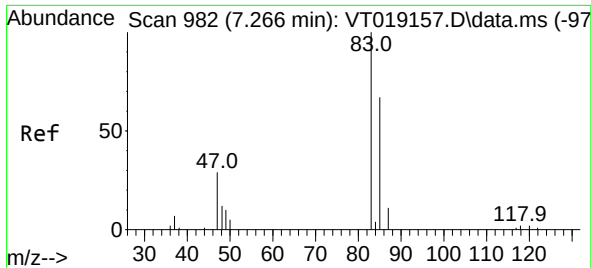
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#24
Methyl tert-Butyl Ether
Concen: 19.794 ug/l
RT: 4.898 min Scan# 579
Delta R.T. -0.023 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 73 Resp: 115189
Ion Ratio Lower Upper
73 100
43 22.4 16.9 25.3





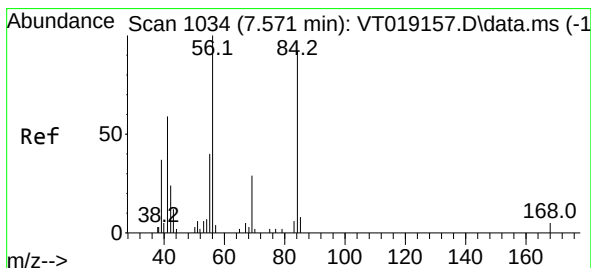
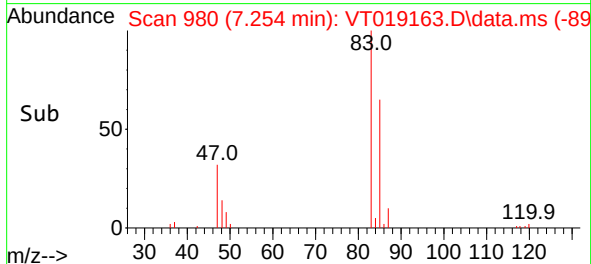
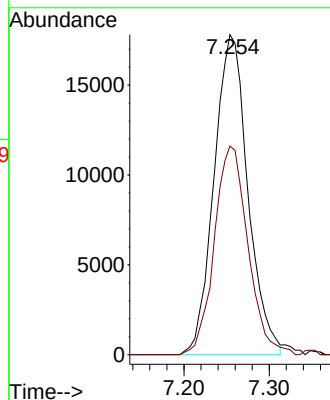
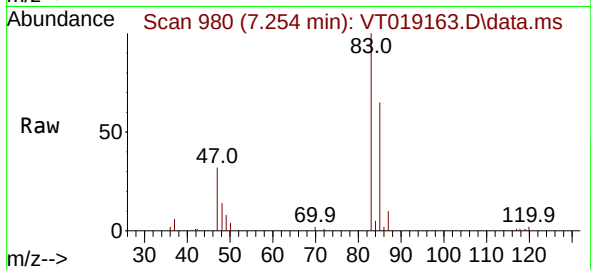
#25
Chloroform
Concen: 19.596 ug/l
RT: 7.254 min Scan# 91
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4908
Ion Ratio Lower Upper
83 100
85 65.2 48.0 72.0

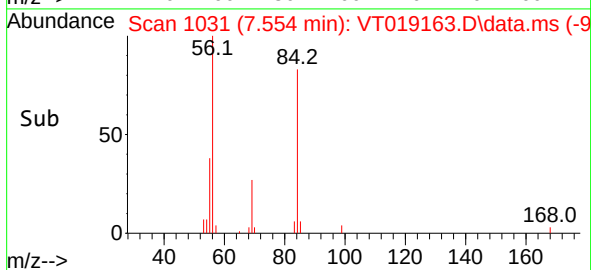
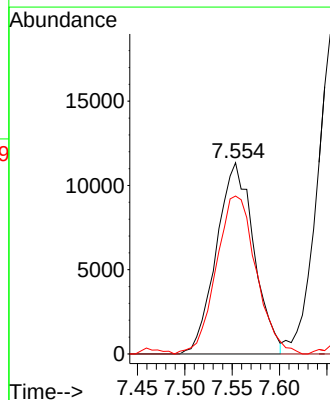
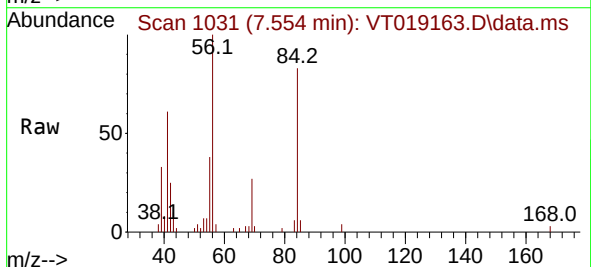
Manual Integrations
APPROVED

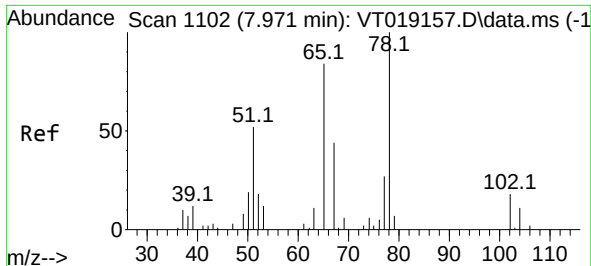
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
Cyclohexane
Concen: 19.420 ug/l
RT: 7.554 min Scan# 1031
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 56 Resp: 31206
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.7 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.957 ug/l

RT: 7.953 min Scan# 1099

Delta R.T. -0.018 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 58490

Ion Ratio Lower Upper

65 100

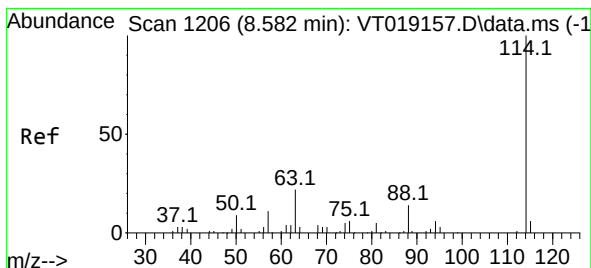
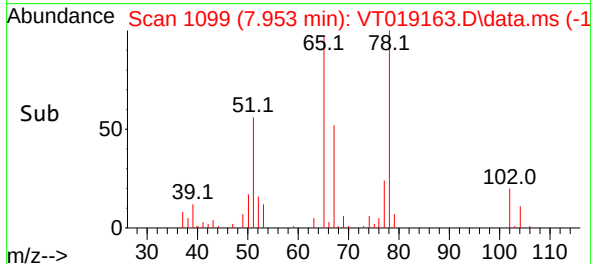
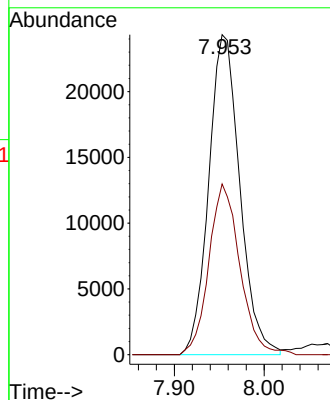
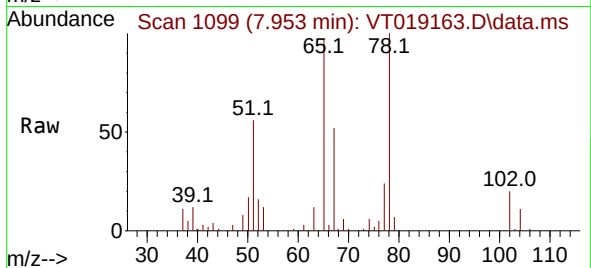
67 52.9 40.7 61.1

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: VT019163.D

Acq: 23 Oct 2025 9:22

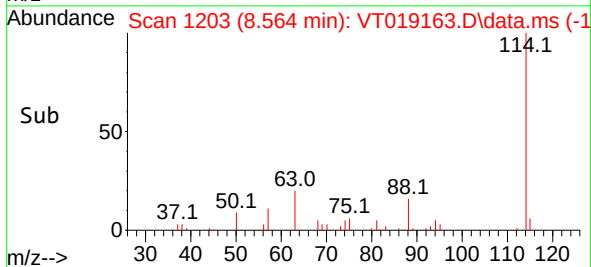
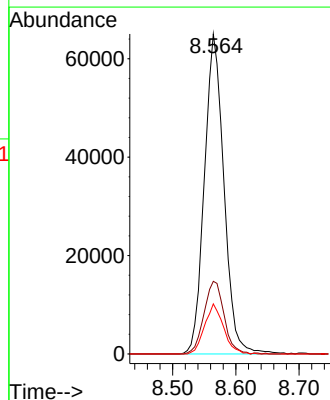
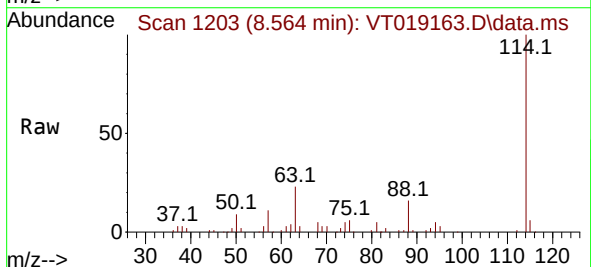
Tgt Ion:114 Resp: 139642

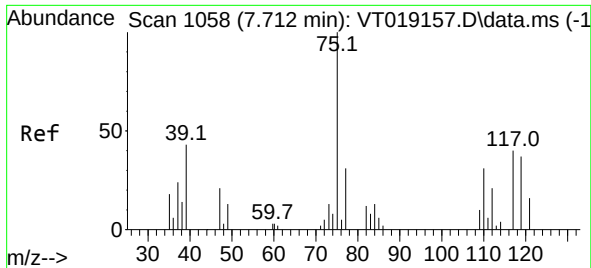
Ion Ratio Lower Upper

114 100

63 23.3 17.4 26.0

88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.274 ug/l

RT: 7.701 min Scan# 1056

Delta R.T. -0.011 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

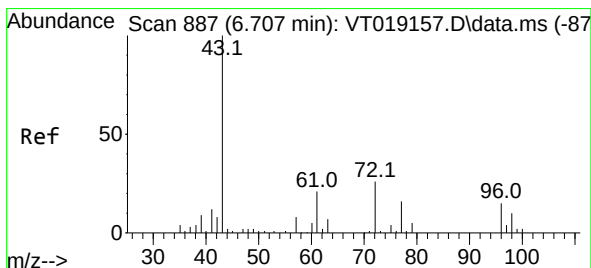
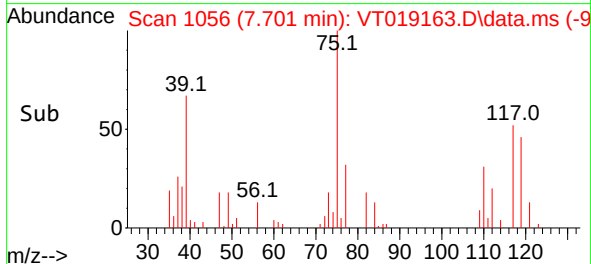
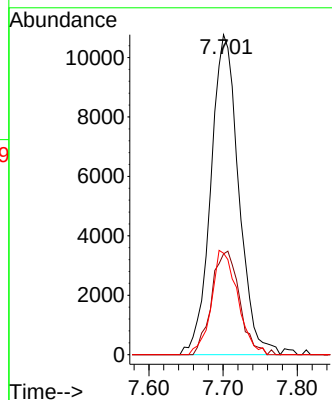
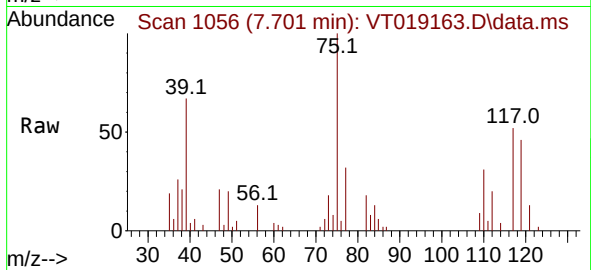
Tgt Ion:	75	Resp:	2816
Ion Ratio	Lower	Upper	
75	100		
110	32.1	0.0	70.8
77	30.3	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

2-Butanone

Concen: 92.517 ug/l

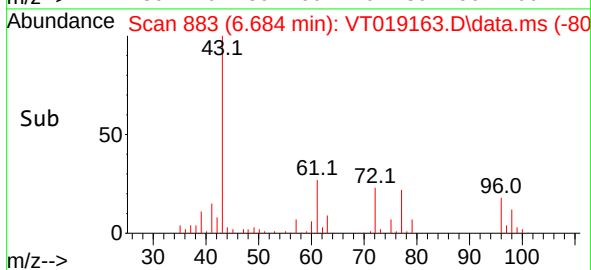
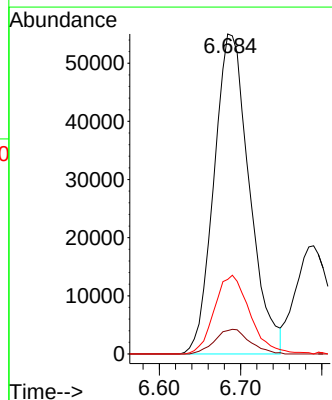
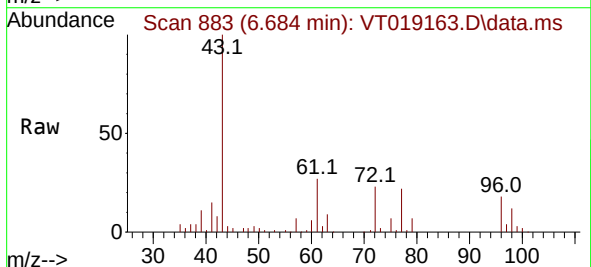
RT: 6.684 min Scan# 883

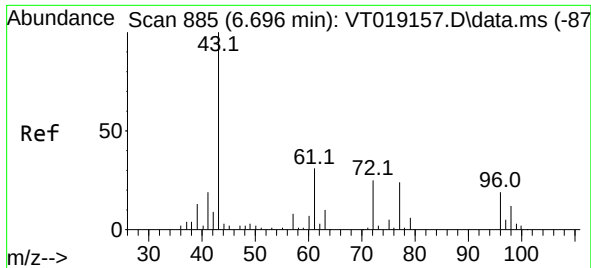
Delta R.T. -0.018 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

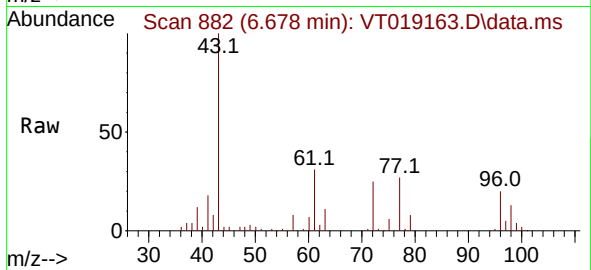
Tgt Ion:	43	Resp:	166631
Ion Ratio	Lower	Upper	
43	100		
57	7.6	5.9	8.9
72	24.7	20.2	30.2





#31
2,2-Dichloropropane
Concen: 19.827 ug/l
RT: 6.678 min Scan# 81
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

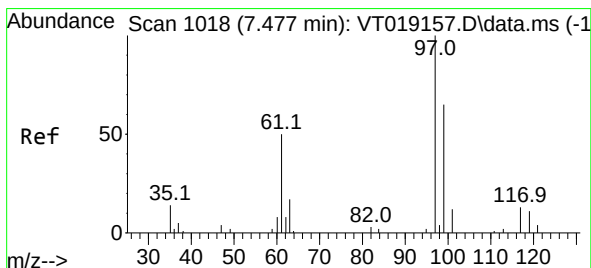
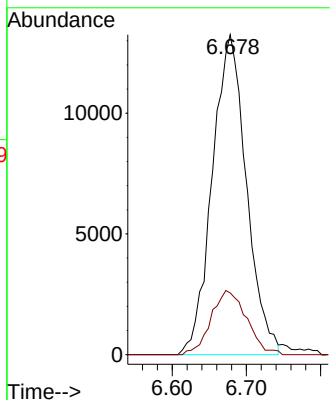
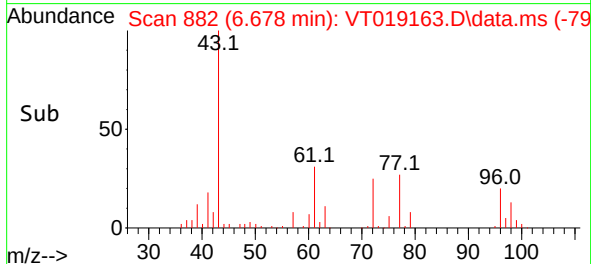
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



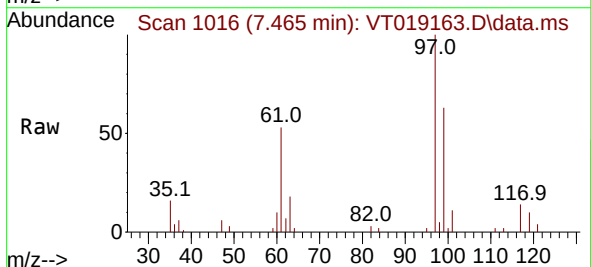
Tgt Ion: 77 Resp: 4241
Ion Ratio Lower Upper
77 100
97 20.4 14.5 21.7

Manual Integrations
APPROVED

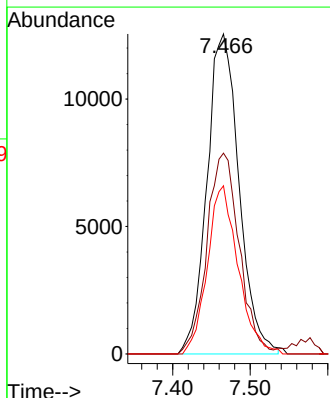
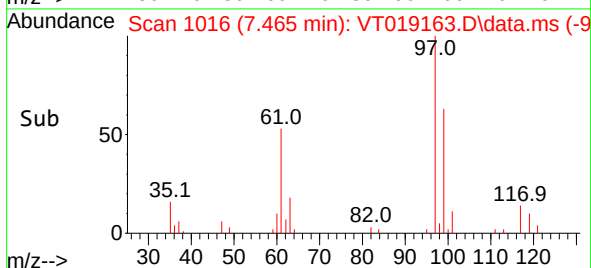
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

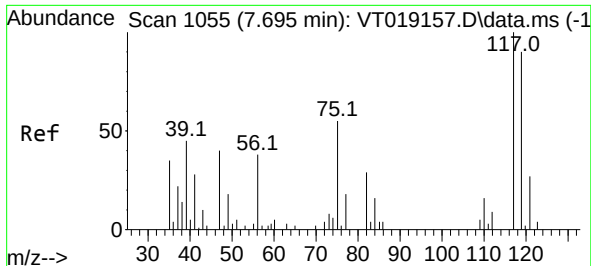


#32
1,1,1-Trichloroethane
Concen: 19.624 ug/l
RT: 7.465 min Scan# 1016
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



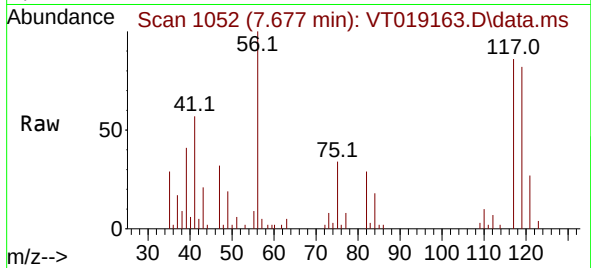
Tgt Ion: 97 Resp: 36126
Ion Ratio Lower Upper
97 100
99 63.2 30.0 45.0#
61 50.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 7.677 min Scan# 1102
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

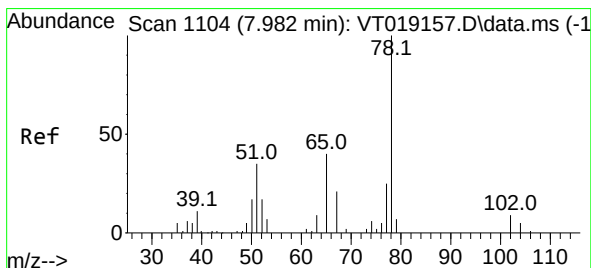
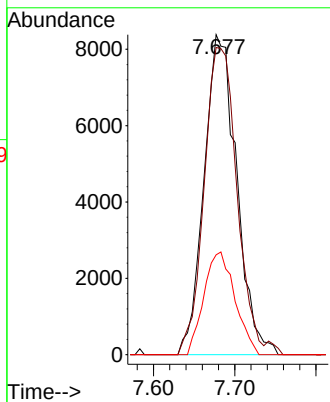
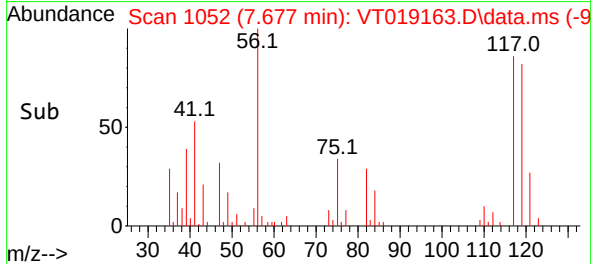
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



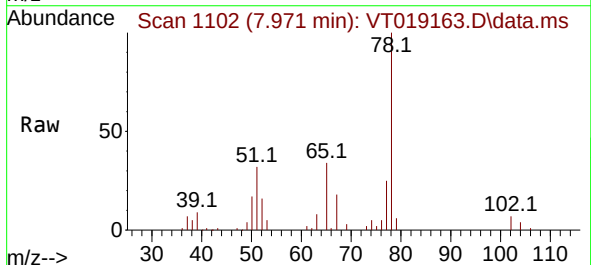
Tgt Ion:117 Resp: 23364
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
121 31.2 0.5 0.7

Manual Integrations
APPROVED

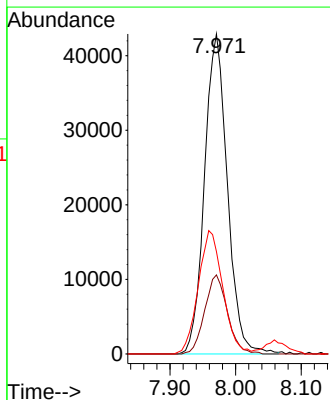
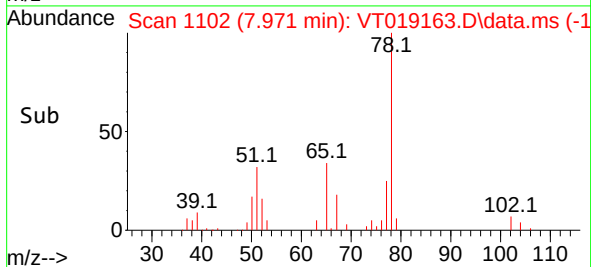
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

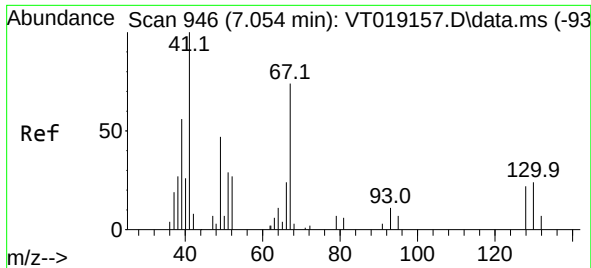


#34
Benzene
Concen: 19.210 ug/l
RT: 7.971 min Scan# 1102
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



Tgt Ion: 78 Resp: 103997
Ion Ratio Lower Upper
78 100
77 24.7 17.6 26.4
51 31.5 13.8 20.6





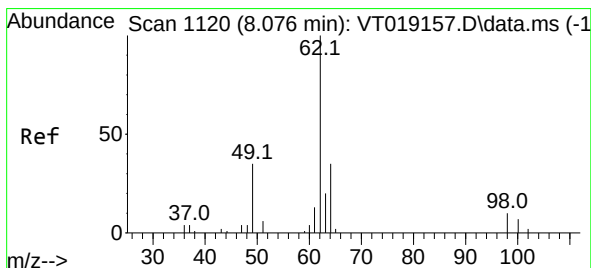
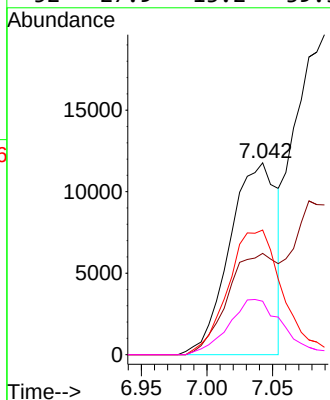
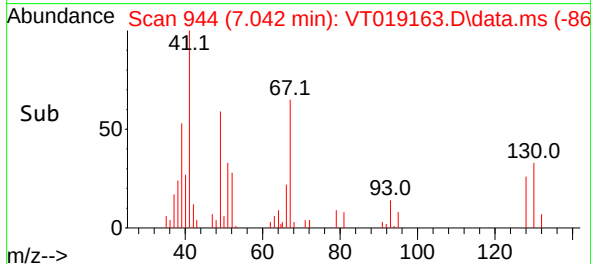
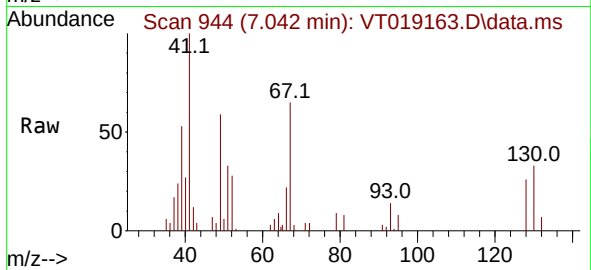
#35
Methacrylonitrile
Concen: 19.254 ug/l
RT: 7.042 min Scan# 946
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 41	Resp: 2951
Ion Ratio	Lower Upper
41 100	
39 52.8	26.2 78.5
67 65.0	31.4 94.3
52 27.9	13.2 39.5

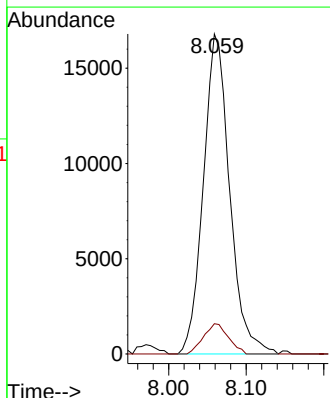
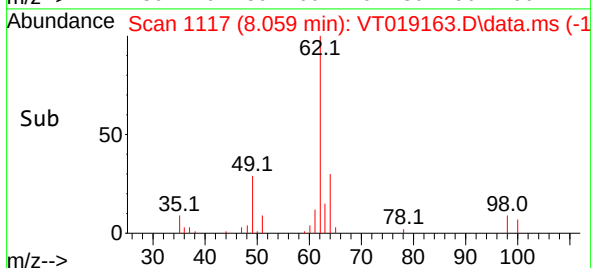
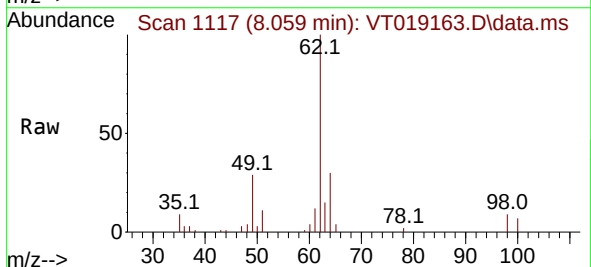
Manual Integrations
APPROVED

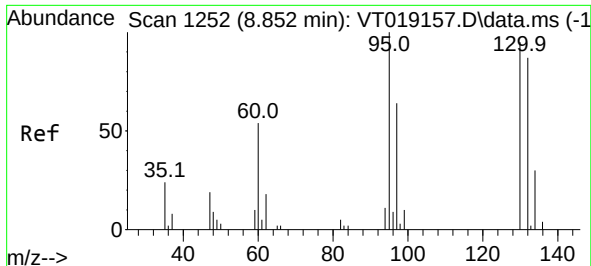
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,2-Dichloroethane
Concen: 19.730 ug/l
RT: 8.059 min Scan# 1117
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

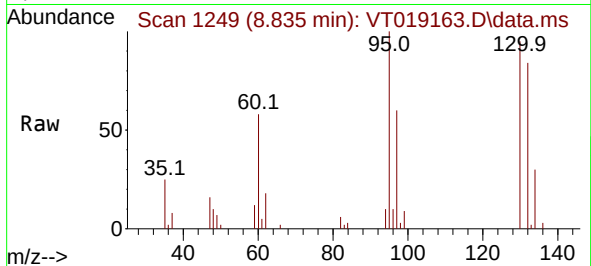
Tgt Ion: 62	Resp: 39596
Ion Ratio	Lower Upper
62 100	
98 8.9	6.7 10.1





#37
Trichloroethene
Concen: 19.009 ug/l
RT: 8.835 min Scan# 1249
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

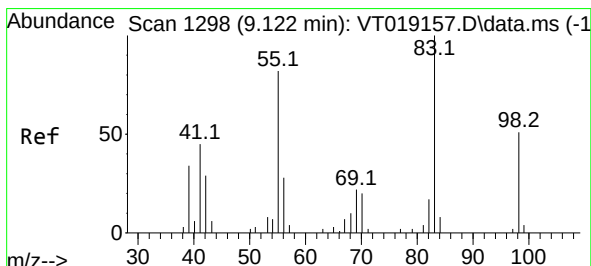
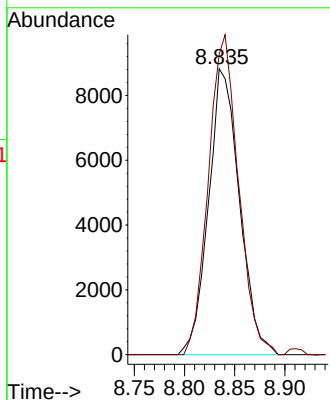
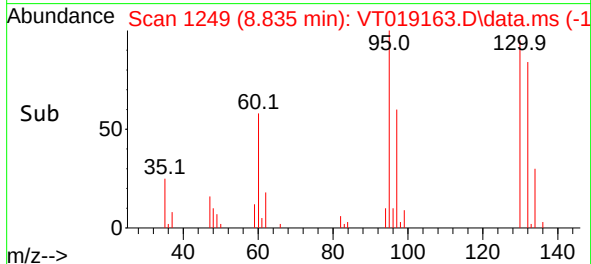
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 1893
Ion Ratio Lower Upper
130 100
95 104.9 79.4 119.2

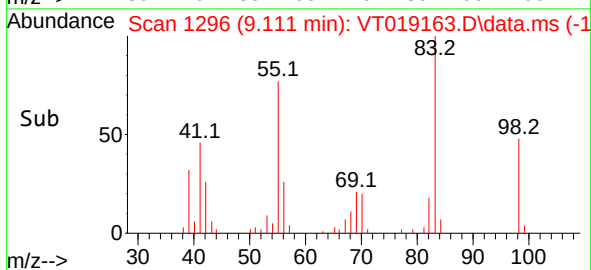
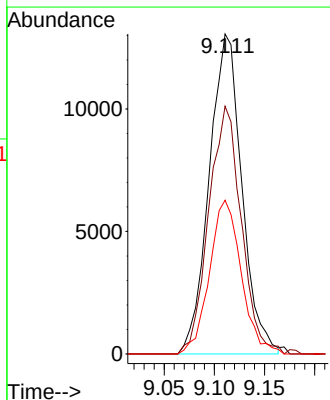
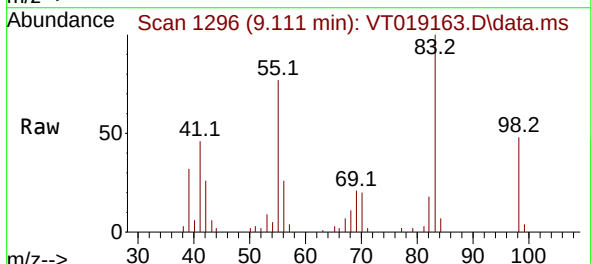
Manual Integrations
APPROVED

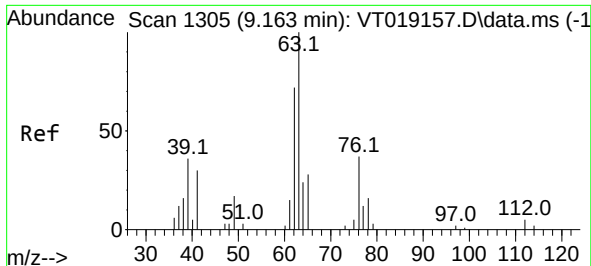
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Methylcyclohexane
Concen: 20.091 ug/l
RT: 9.111 min Scan# 1296
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 83 Resp: 29564
Ion Ratio Lower Upper
83 100
55 77.0 40.3 120.8
98 46.8 24.3 72.9





#39

1,2-Dichloropropane

Concen: 19.480 ug/l

RT: 9.158 min Scan# 11

Delta R.T. -0.005 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 27620

Ion Ratio Lower Upper

63 100

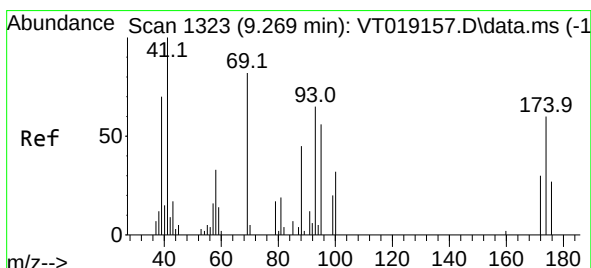
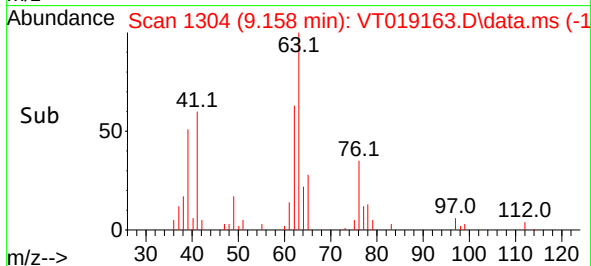
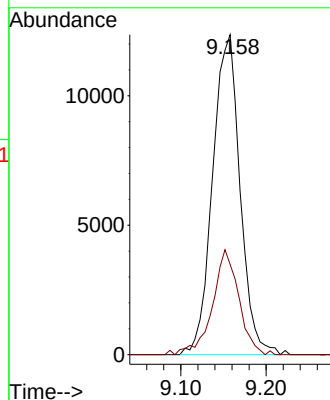
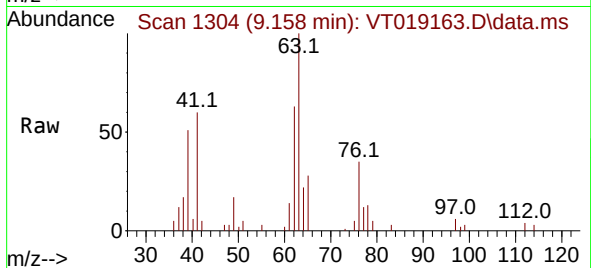
65 28.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#40

Dibromomethane

Concen: 19.084 ug/l

RT: 9.252 min Scan# 1320

Delta R.T. -0.017 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

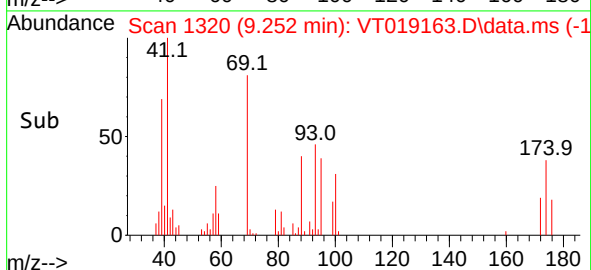
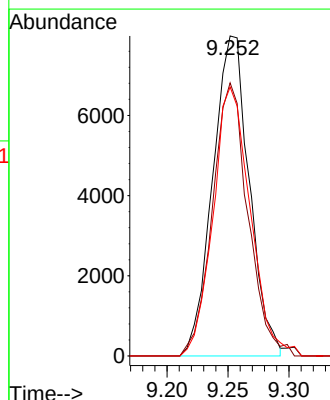
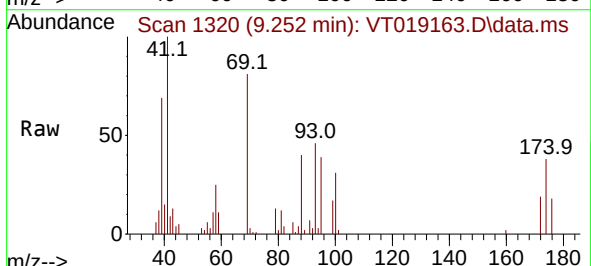
Tgt Ion: 93 Resp: 16684

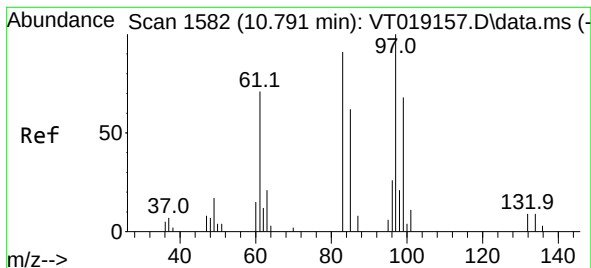
Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.2

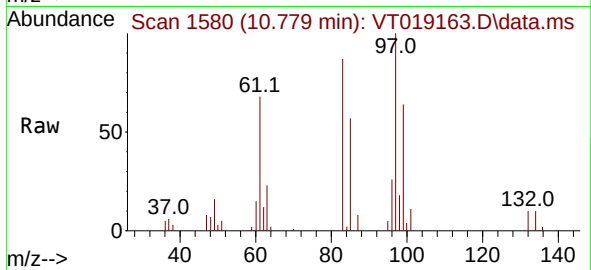
174 85.3 0.0 26.4#





#41
Bromodichloromethane
Concen: 19.179 ug/l
RT: 10.779 min Scan# 11
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

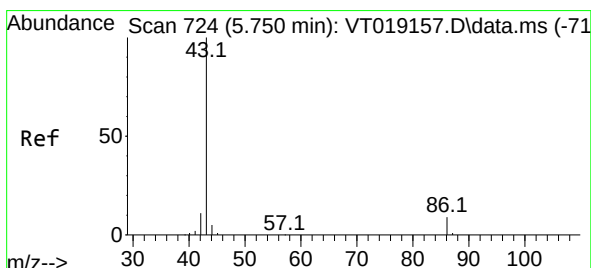
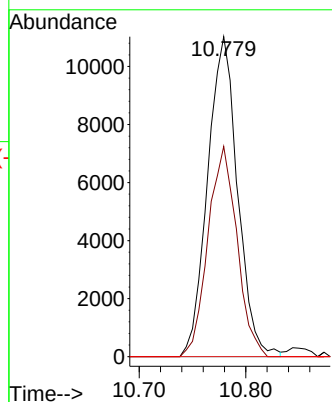
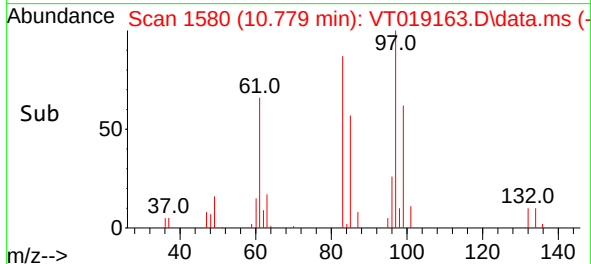
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



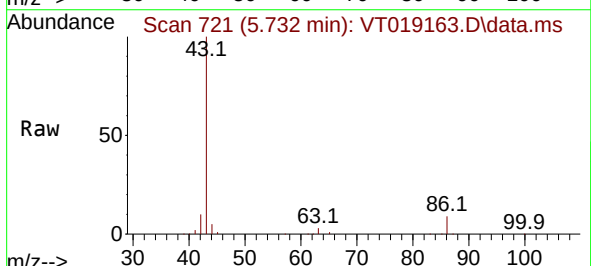
Tgt Ion: 83 Resp: 2153
Ion Ratio Lower Upper
83 100
85 65.7 47.2 70.8
127 0.0 7.1 10.7

Manual Integrations
APPROVED

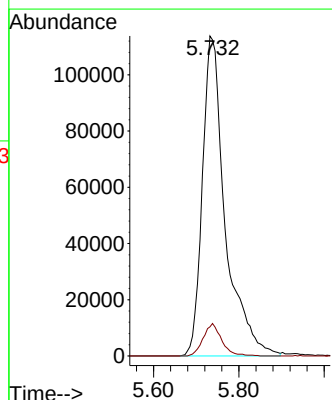
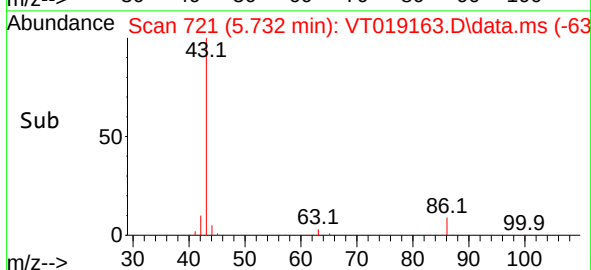
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

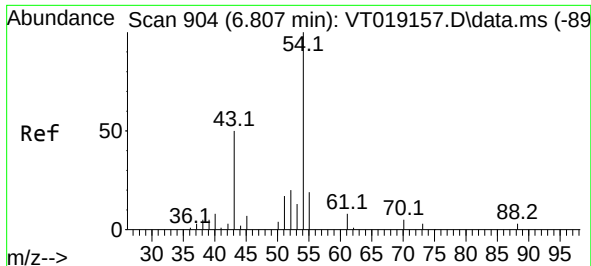


#42
Vinyl Acetate
Concen: 95.795 ug/l
RT: 5.732 min Scan# 721
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



Tgt Ion: 43 Resp: 423308
Ion Ratio Lower Upper
43 100
86 7.9 6.9 10.3





#43

Ethyl Acetate

Concen: 19.683 ug/l

RT: 6.790 min Scan# 904

Delta R.T. -0.011 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 5827

Ion Ratio Lower Upper

43 100

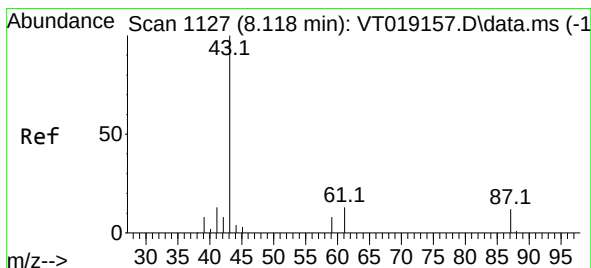
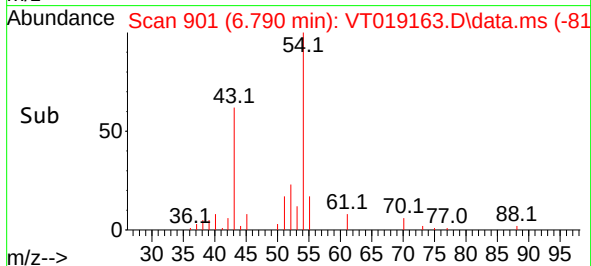
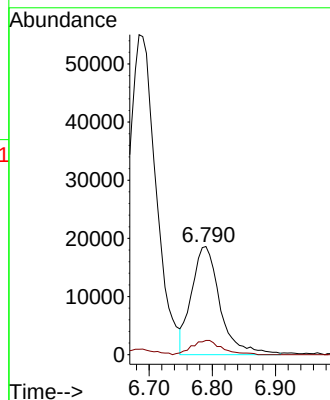
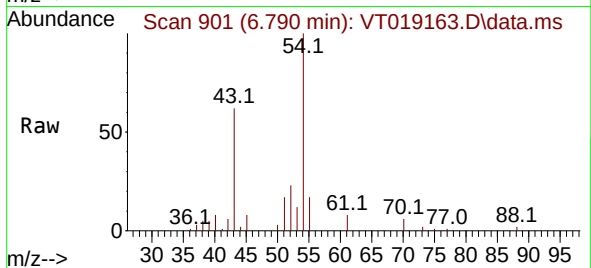
45 13.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#44

Isopropyl Acetate

Concen: 19.257 ug/l

RT: 8.106 min Scan# 1125

Delta R.T. -0.017 min

Lab File: VT019163.D

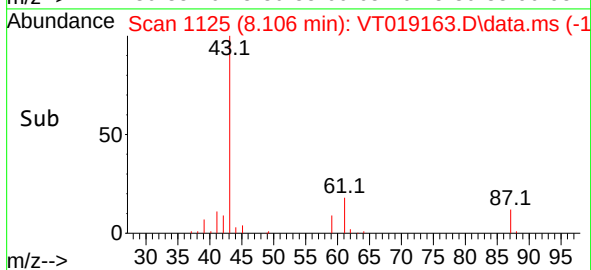
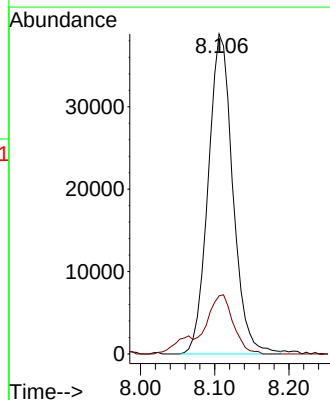
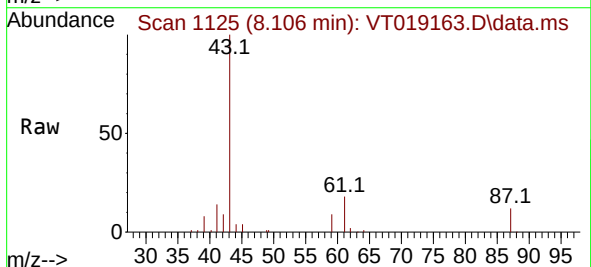
Acq: 23 Oct 2025 9:22

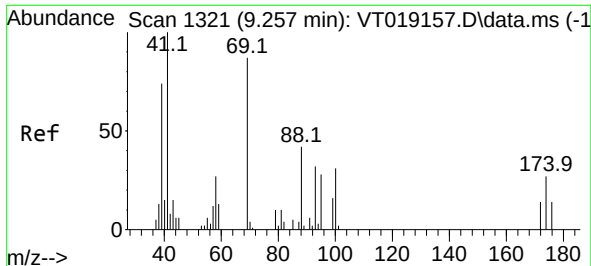
Tgt Ion: 43 Resp: 89732

Ion Ratio Lower Upper

43 100

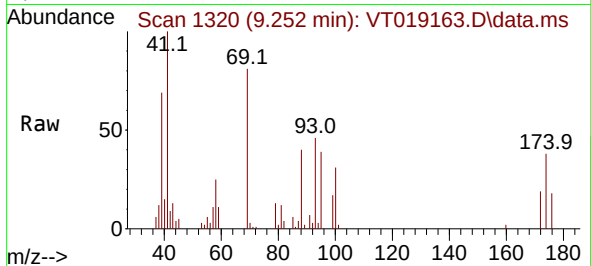
61 19.5 14.7 22.1





#45
1,4-Dioxane
Concen: 372.248 ug/l
RT: 9.252 min Scan# 1319
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

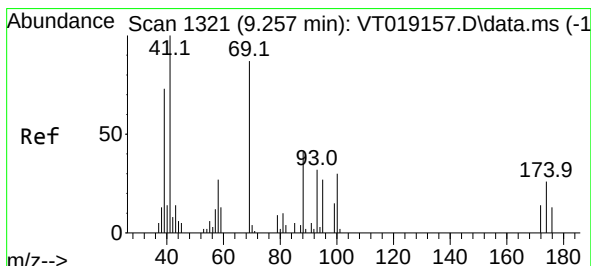
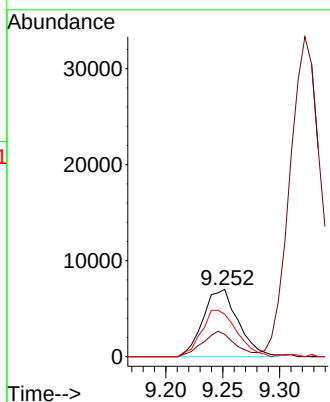
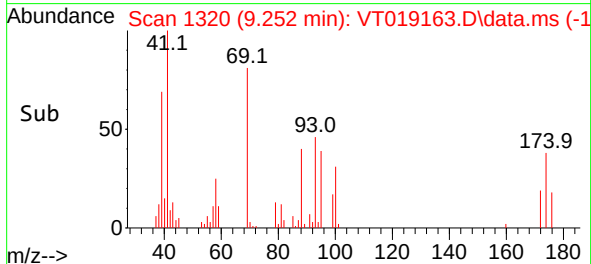
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



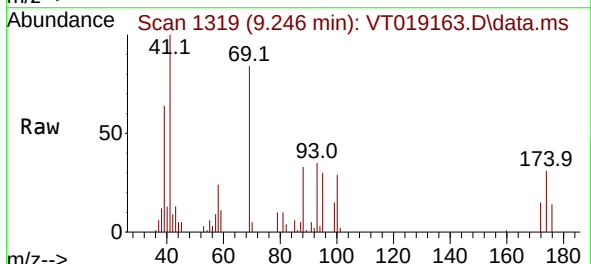
Tgt Ion: 88 Resp: 15048
Ion Ratio Lower Upper
88 100
43 35.2 30.2 45.2
58 69.4 33.3 49.9

Manual Integrations
APPROVED

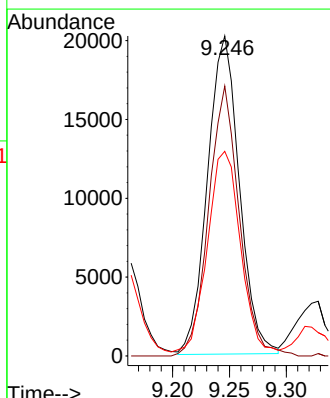
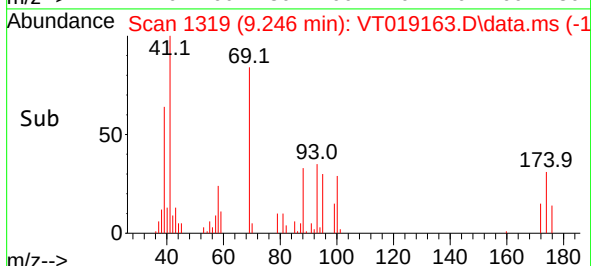
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

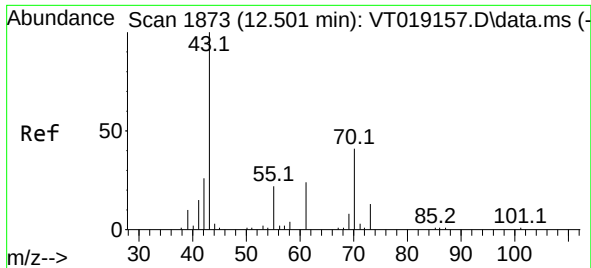


#46
Methyl methacrylate
Concen: 18.892 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



Tgt Ion: 41 Resp: 39361
Ion Ratio Lower Upper
41 100
69 84.7 35.8 107.3
39 63.0 24.4 73.4





#47

n-amyl acetate

Concen: 19.544 ug/l

RT: 12.489 min Scan# 11

Delta R.T. -0.012 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 6128

Ion Ratio Lower Upper

43 100

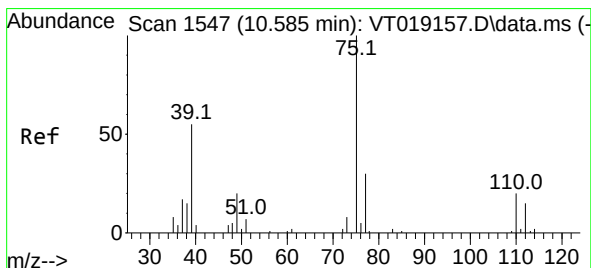
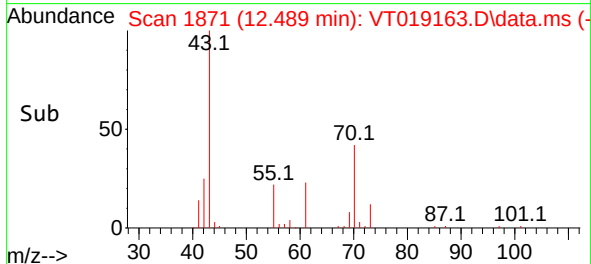
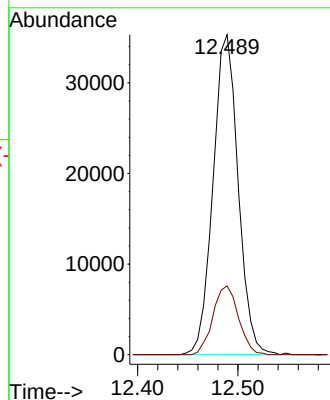
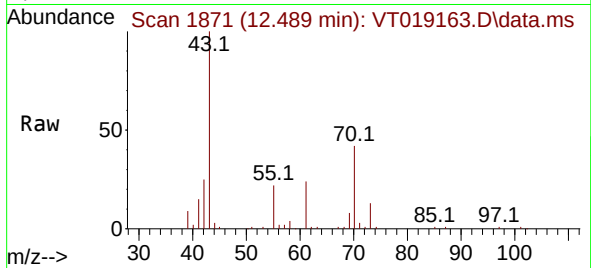
55 21.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#48

t-1,3-Dichloropropene

Concen: 19.531 ug/l

RT: 10.574 min Scan# 1545

Delta R.T. -0.011 min

Lab File: VT019163.D

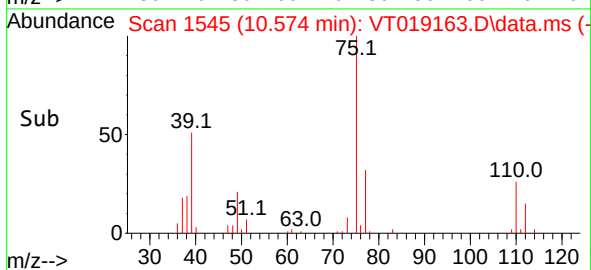
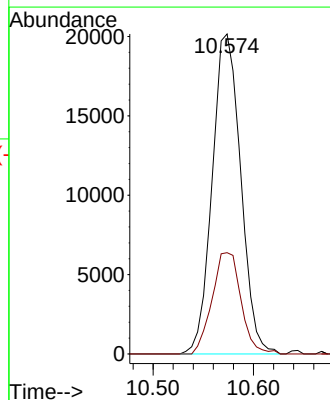
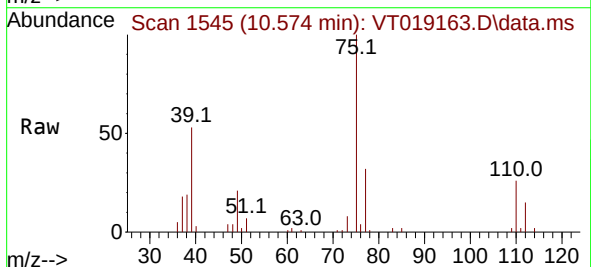
Acq: 23 Oct 2025 9:22

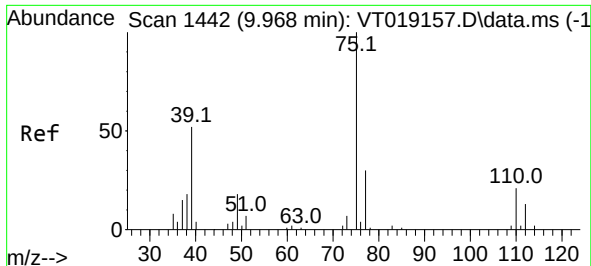
Tgt Ion: 75 Resp: 39795

Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.720 ug/l

RT: 9.957 min Scan# 1442

Delta R.T. -0.017 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 42209

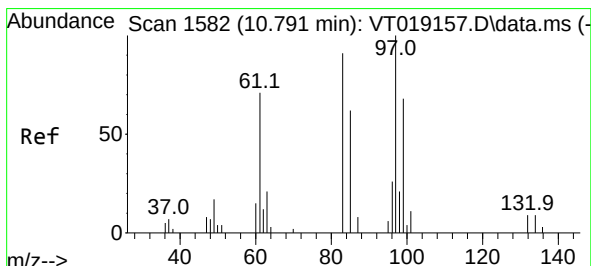
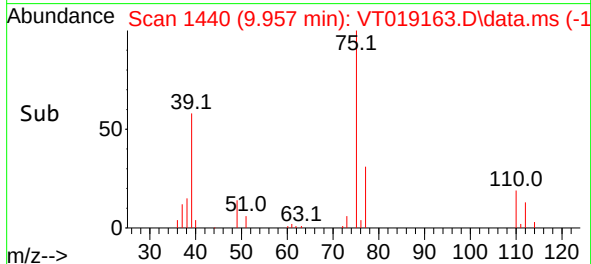
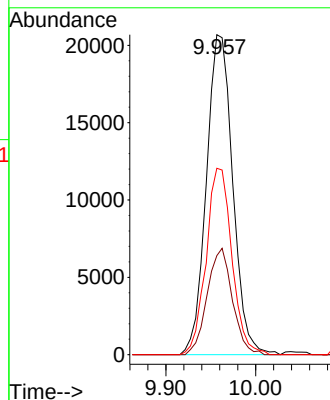
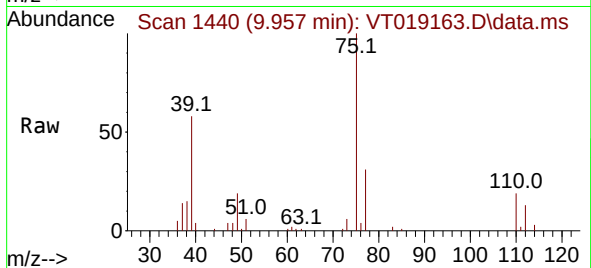
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.1	37.7
39	58.3	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

1,1,2-Trichloroethane

Concen: 19.516 ug/l

RT: 10.779 min Scan# 1580

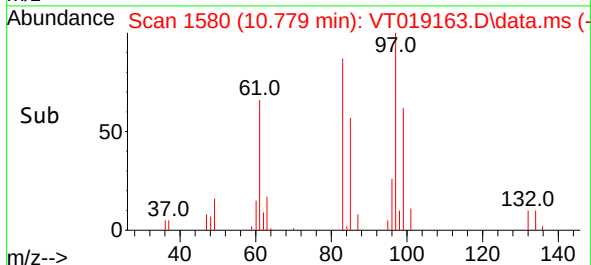
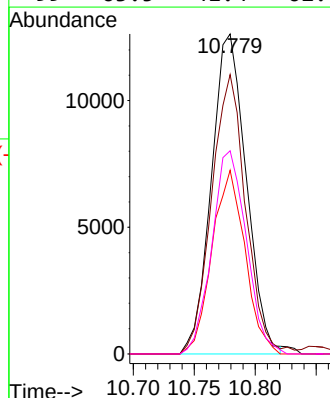
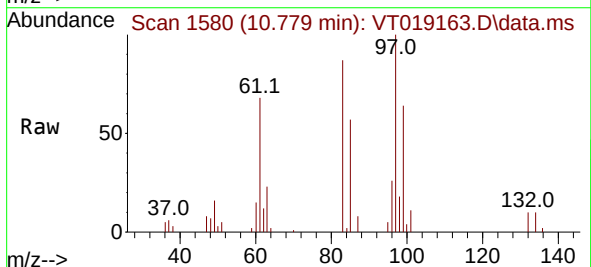
Delta R.T. -0.012 min

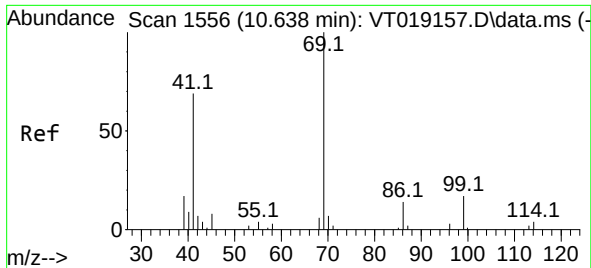
Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Tgt Ion: 97 Resp: 25094

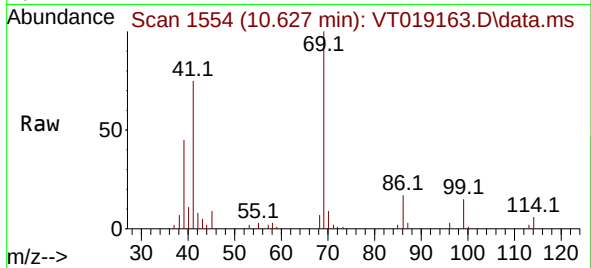
Ion	Ratio	Lower	Upper
97	100		
83	87.3	58.3	87.5
85	57.4	36.5	54.7#
99	63.5	41.4	62.0#





#51
Ethyl methacrylate
Concen: 19.682 ug/l
RT: 10.627 min Scan# 1554
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

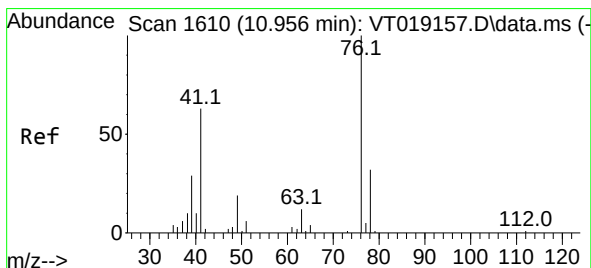
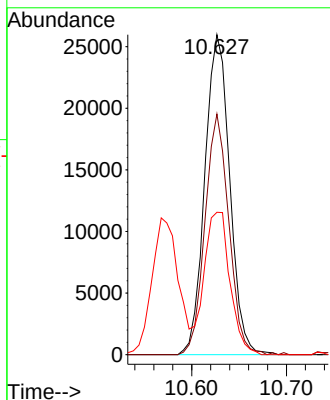
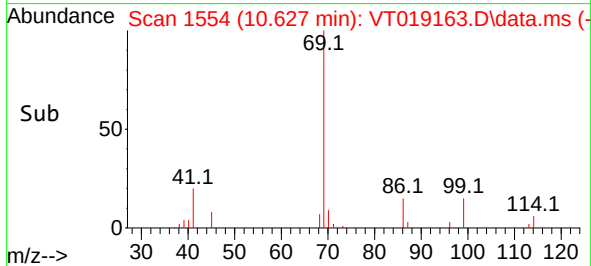
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 47428
Ion Ratio Lower Upper
69 100
41 75.2 35.0 105.1
39 44.5 19.5 58.5

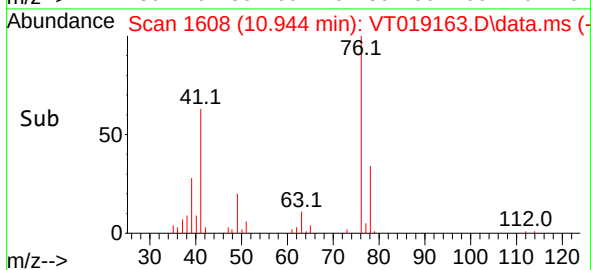
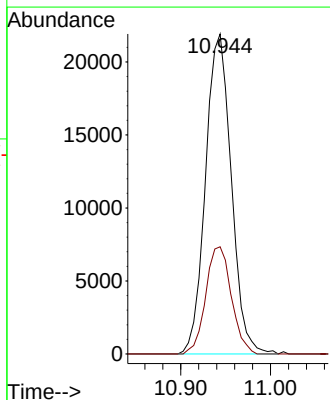
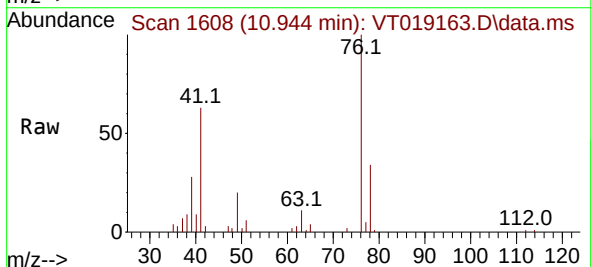
Manual Integrations
APPROVED

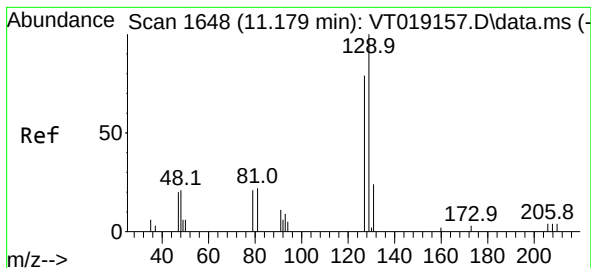
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
1,3-Dichloropropane
Concen: 19.027 ug/l
RT: 10.944 min Scan# 1608
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 76 Resp: 43697
Ion Ratio Lower Upper
76 100
78 33.2 0.0 63.6





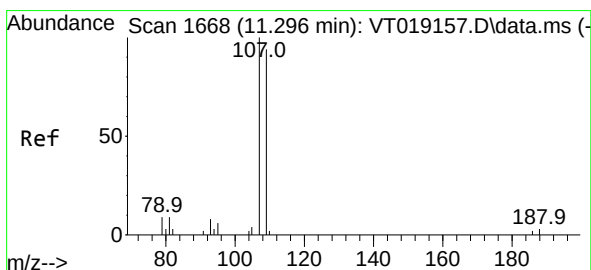
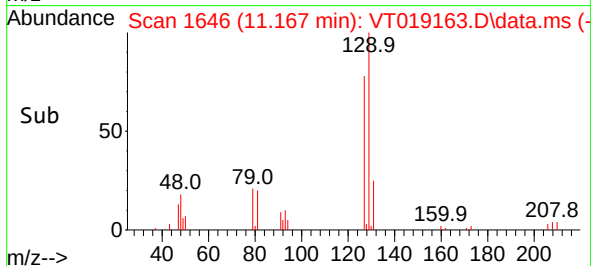
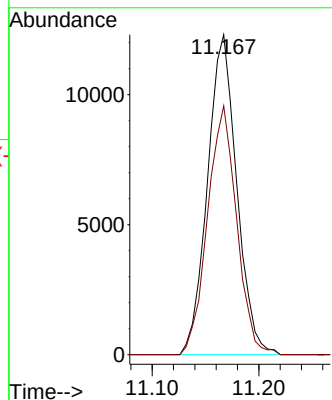
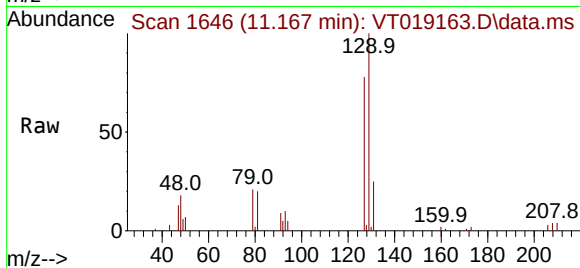
#53
Dibromochloromethane
Concen: 19.546 ug/l
RT: 11.167 min Scan# 1644
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 2344
Ion Ratio Lower Upper
129 100
127 77.4 125.0 374.9

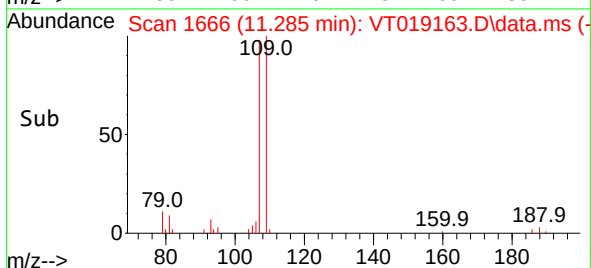
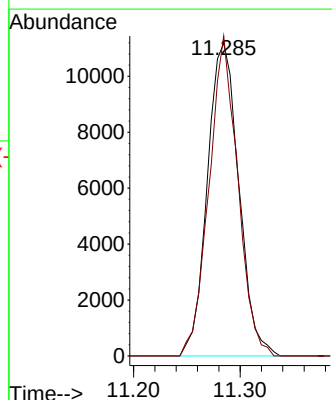
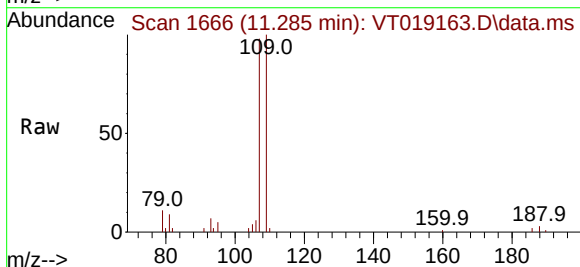
Manual Integrations
APPROVED

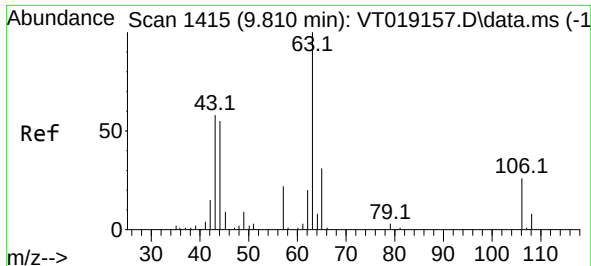
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
1,2-Dibromoethane
Concen: 19.145 ug/l
RT: 11.285 min Scan# 1666
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion:107 Resp: 22896
Ion Ratio Lower Upper
107 100
109 93.5 74.0 111.0





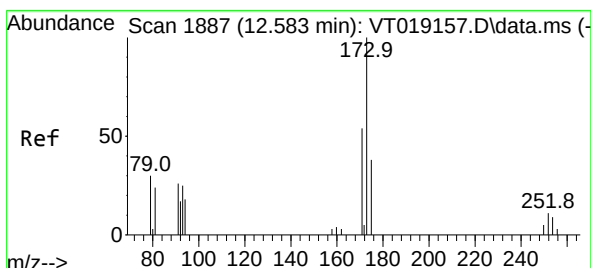
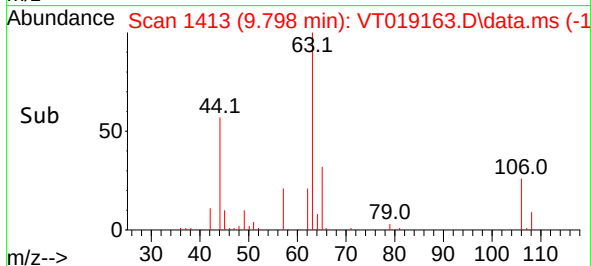
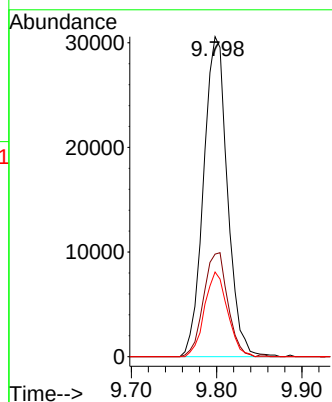
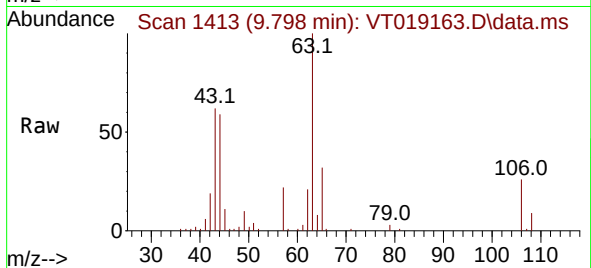
#55
2-Chloroethyl vinyl ether
Concen: 84.868 ug/l
RT: 9.798 min Scan# 1415
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 59640
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.6
106 25.5 22.1 33.1

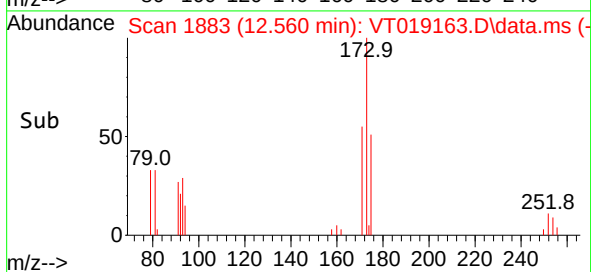
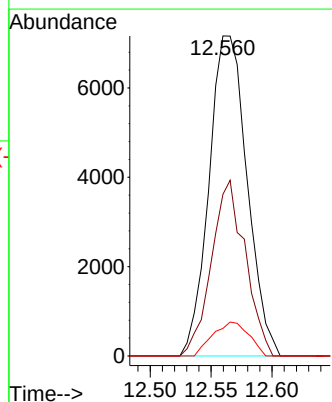
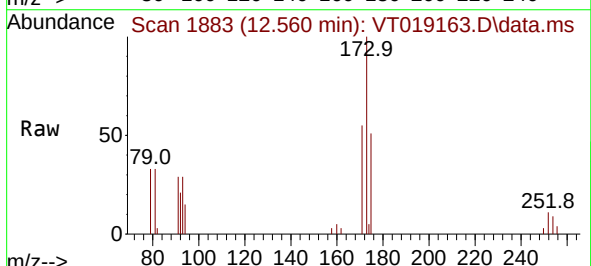
Manual Integrations
APPROVED

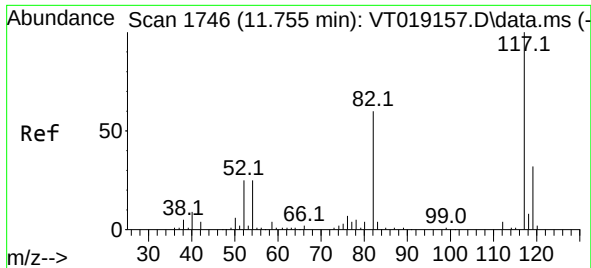
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#56
Bromoform
Concen: 19.722 ug/l
RT: 12.560 min Scan# 1883
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

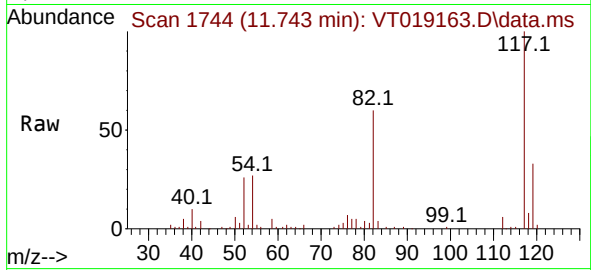
Tgt Ion:173 Resp: 15551
Ion Ratio Lower Upper
173 100
175 48.7 2.6 3.8#
254 10.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.743 min Scan# 11743
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

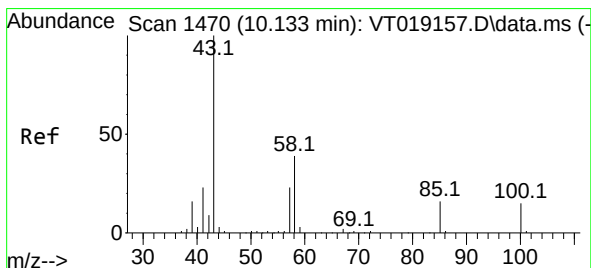
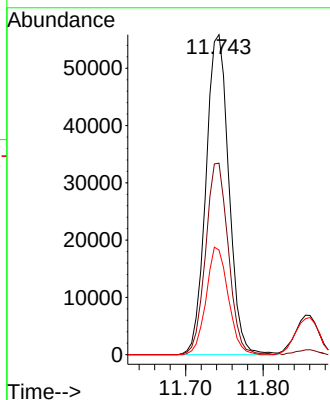
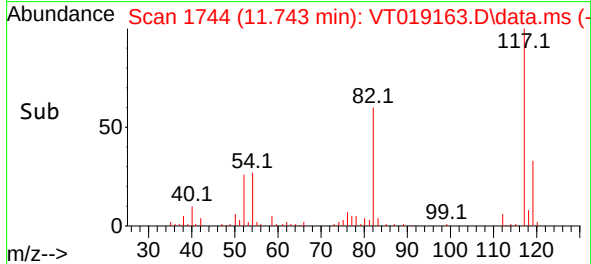
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



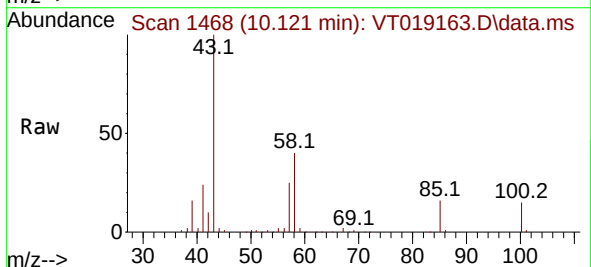
Tgt Ion: 117 Resp: 114780
Ion Ratio Lower Upper
117 100
82 59.3 46.0 69.0
119 32.4 25.8 38.8

Manual Integrations
APPROVED

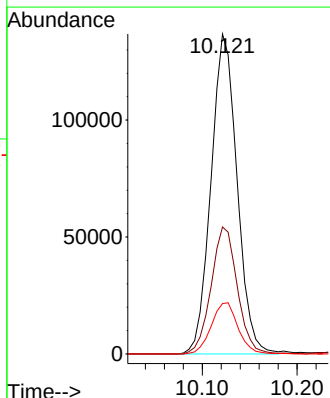
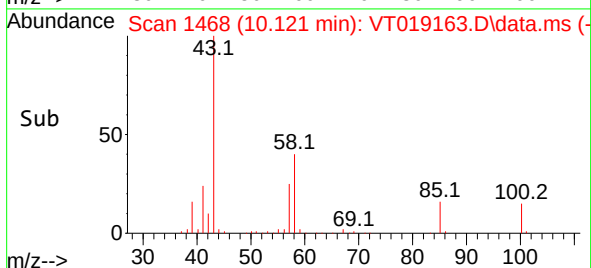
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

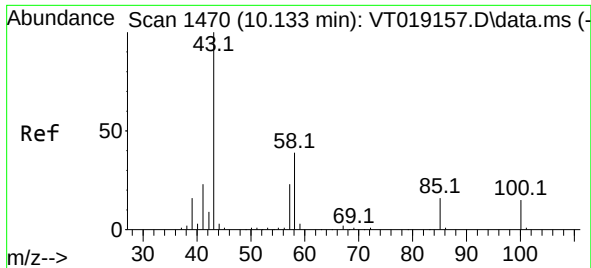


#58
4-Methyl-2-Pentanone
Concen: 92.889 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



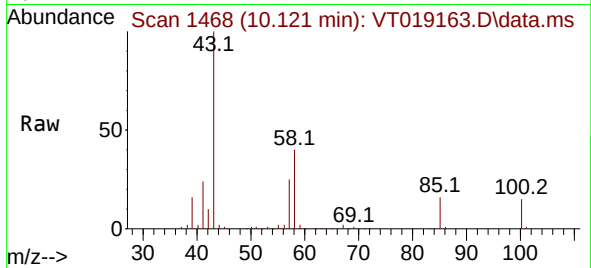
Tgt Ion: 43 Resp: 261102
Ion Ratio Lower Upper
43 100
58 39.8 30.6 45.8
85 16.4 13.4 20.2





#59
2-Hexanone
Concen: 92.889 ug/l
RT: 10.121 min Scan# 1468
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

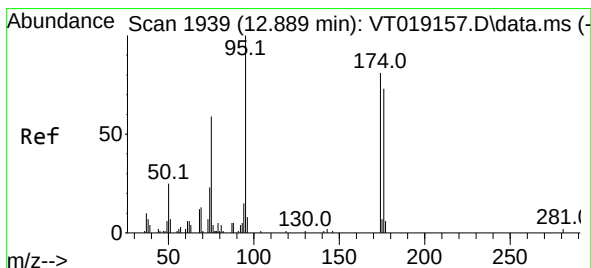
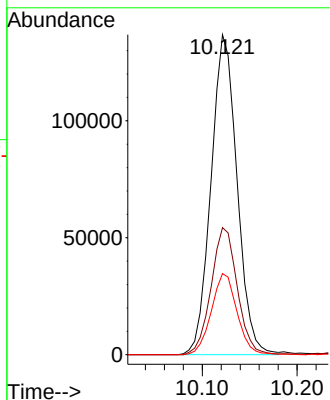
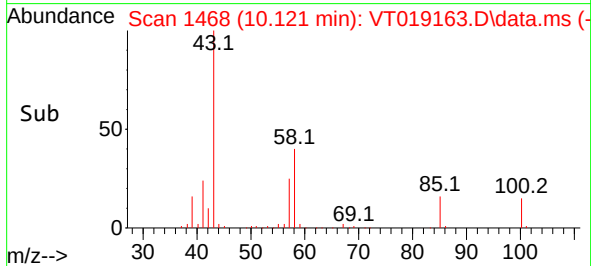
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 26110
Ion Ratio Lower Upper
43 100
58 39.8 42.0 63.0
57 25.0 14.6 21.8

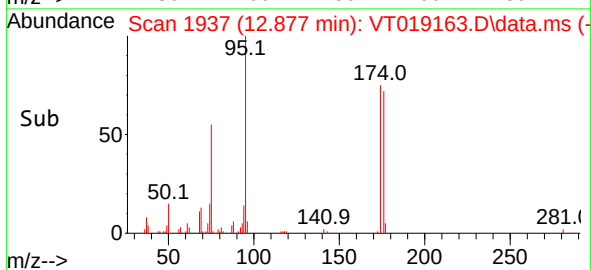
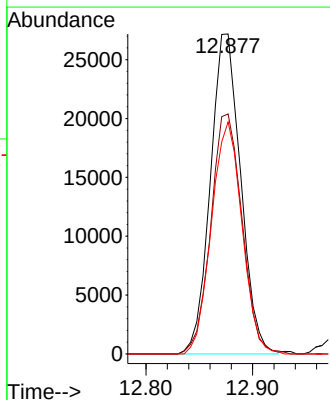
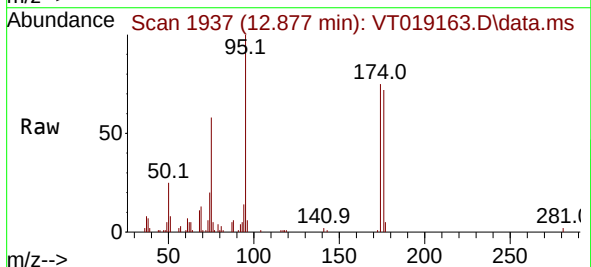
Manual Integrations
APPROVED

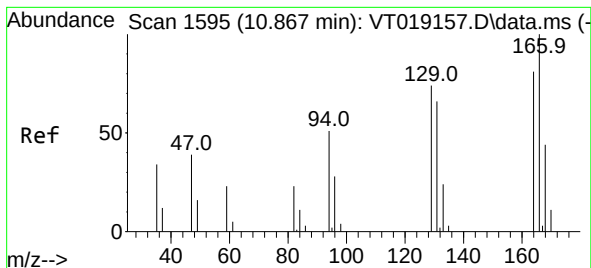
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
4-Bromofluorobenzene
Concen: 29.682 ug/l
RT: 12.877 min Scan# 1937
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

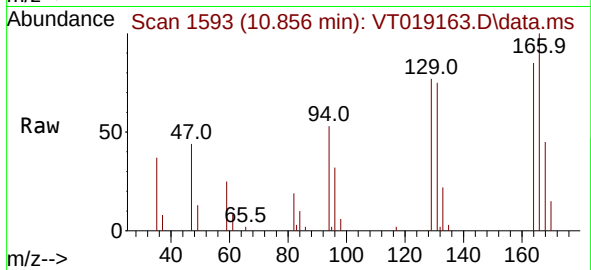
Tgt Ion: 95 Resp: 53545
Ion Ratio Lower Upper
95 100
174 77.3 57.5 86.3
176 73.1 56.4 84.6





#61
Tetrachloroethene
Concen: 20.080 ug/l
RT: 10.856 min Scan# 1595
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

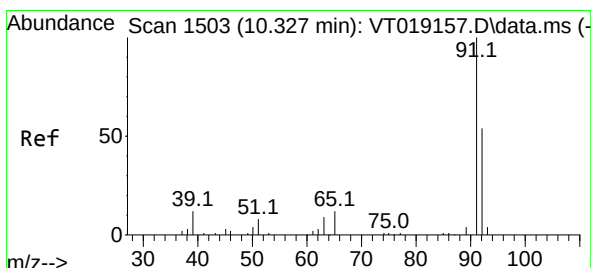
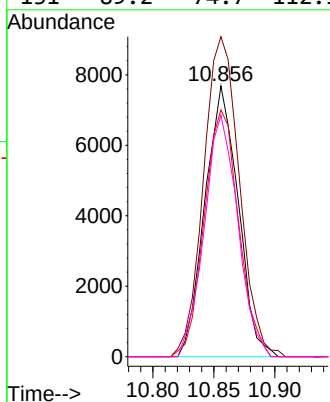
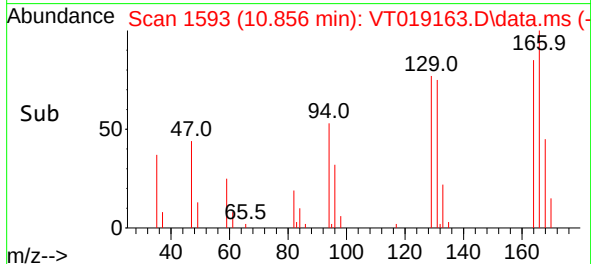
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 1456
Ion Ratio Lower Upper
164 100
166 116.0 101.0 151.4
129 91.1 78.6 117.8
131 89.2 74.7 112.1

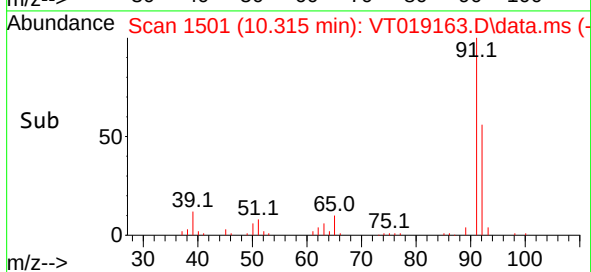
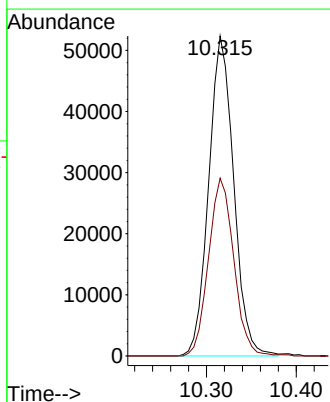
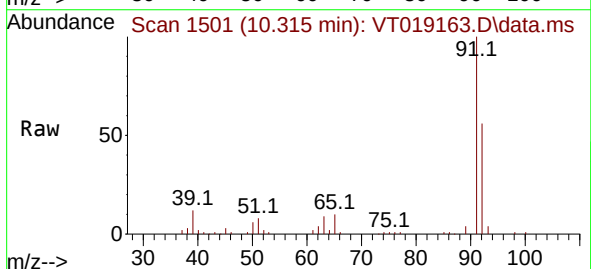
Manual Integrations
APPROVED

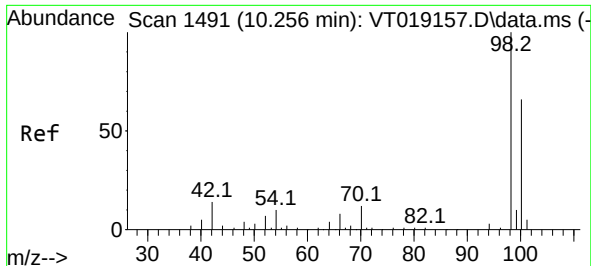
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
Toluene
Concen: 19.673 ug/l
RT: 10.315 min Scan# 1501
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 91 Resp: 101139
Ion Ratio Lower Upper
91 100
92 56.0 46.6 69.8





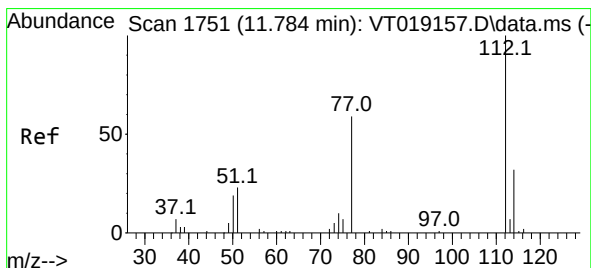
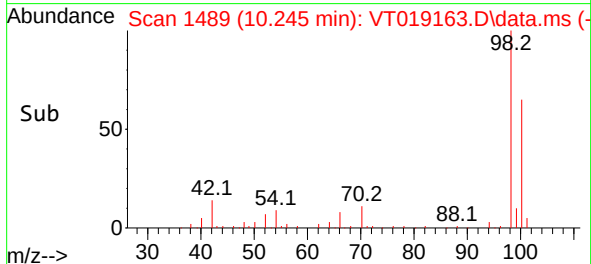
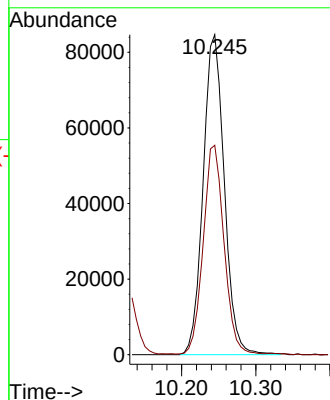
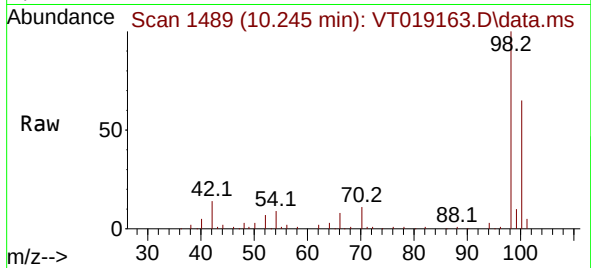
#63
Toluene-d8
Concen: 30.055 ug/l
RT: 10.245 min Scan# 1491
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 167900
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

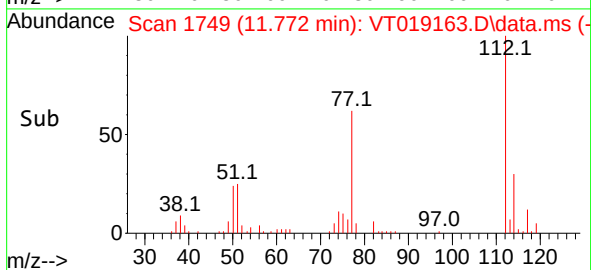
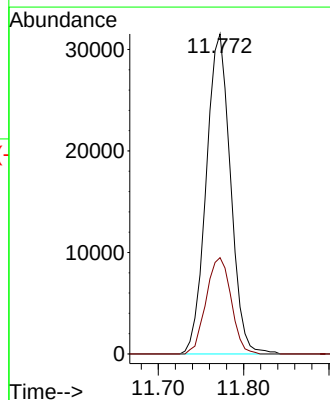
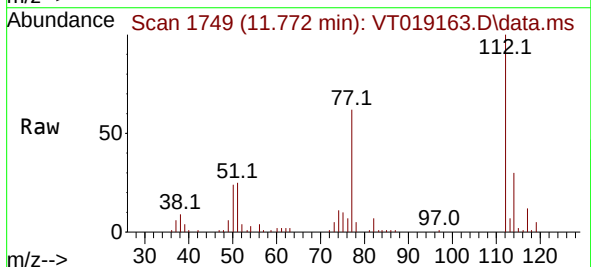
Manual Integrations
APPROVED

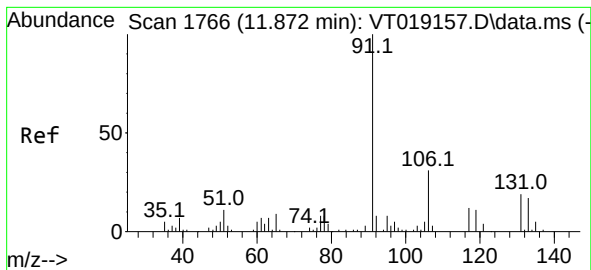
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Chlorobenzene
Concen: 19.853 ug/l
RT: 11.772 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion:112 Resp: 62343
Ion Ratio Lower Upper
112 100
114 30.1 23.6 35.4





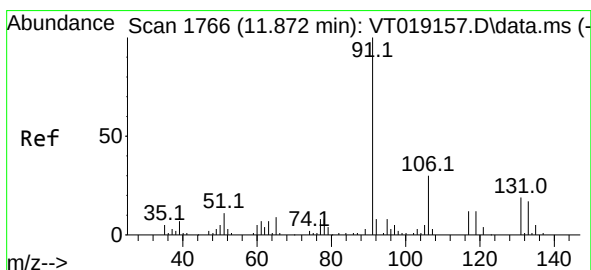
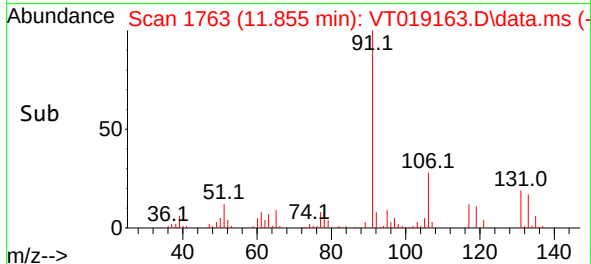
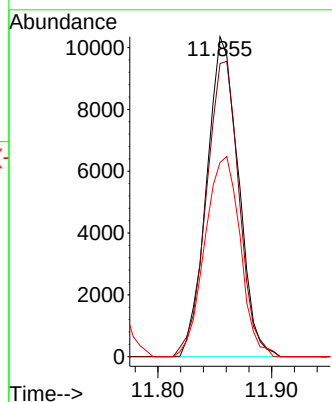
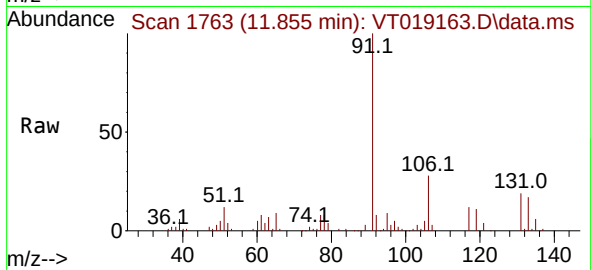
#65
1,1,1,2-Tetrachloroethane
Concen: 19.631 ug/l
RT: 11.855 min Scan# 1764
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 20080
Ion Ratio Lower Upper
131 100
133 95.4 0.0 188.2
119 69.3 0.0 101.8

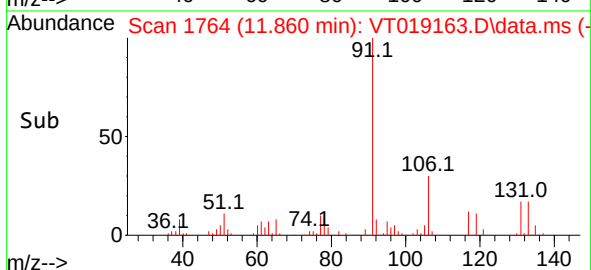
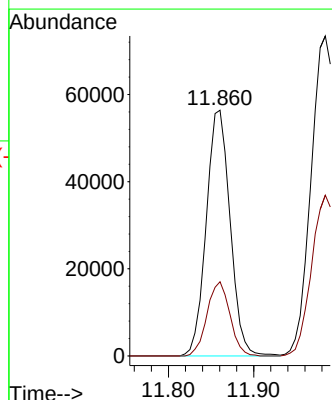
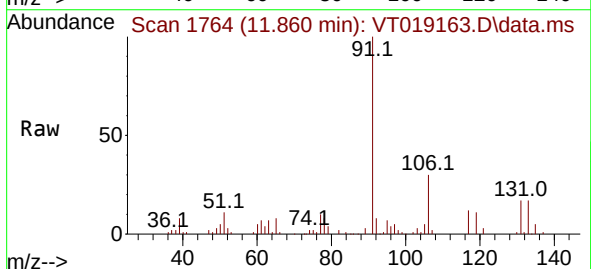
Manual Integrations
APPROVED

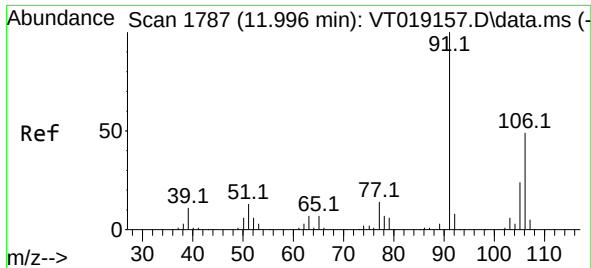
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
Ethyl Benzene
Concen: 19.664 ug/l
RT: 11.860 min Scan# 1764
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 91 Resp: 109871
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7





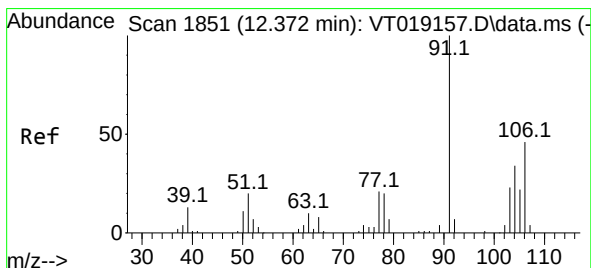
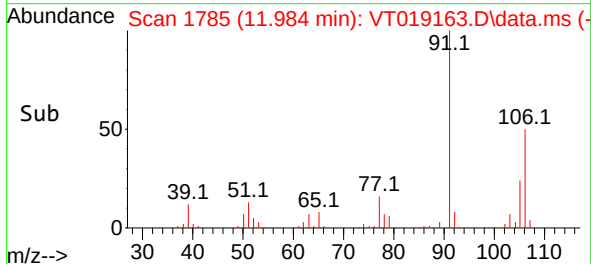
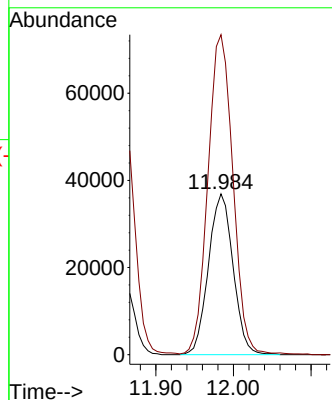
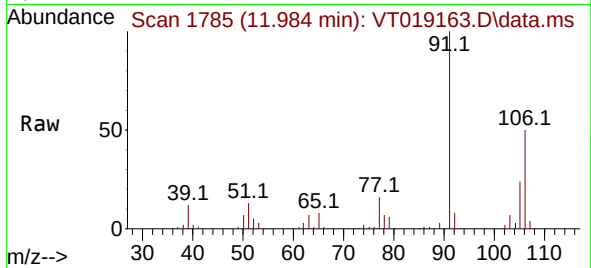
#67
m/p-Xylenes
Concen: 39.266 ug/l
RT: 11.984 min Scan# 11
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 8155
Ion Ratio Lower Upper
106 100
91 200.4 164.4 246.6

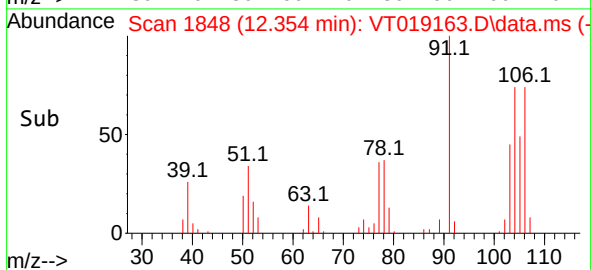
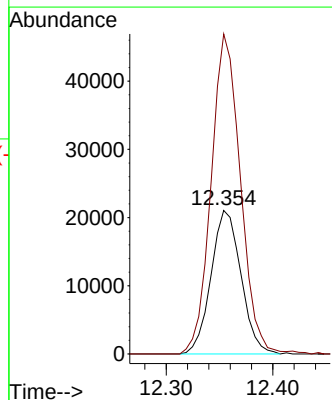
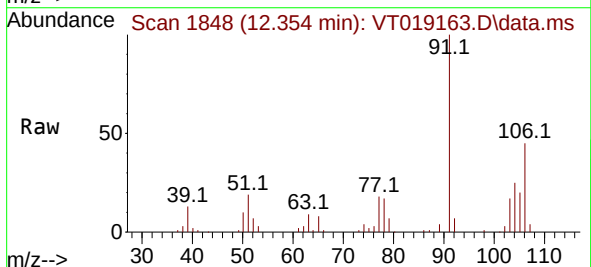
Manual Integrations
APPROVED

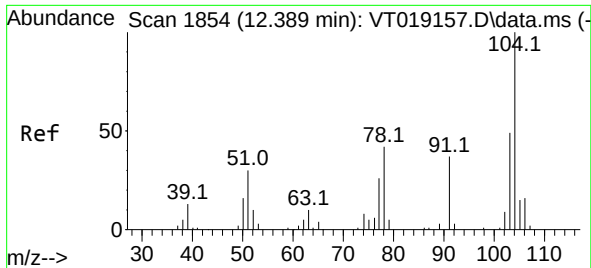
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
o-Xylene
Concen: 19.126 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion:106 Resp: 41005
Ion Ratio Lower Upper
106 100
91 217.5 111.3 333.8





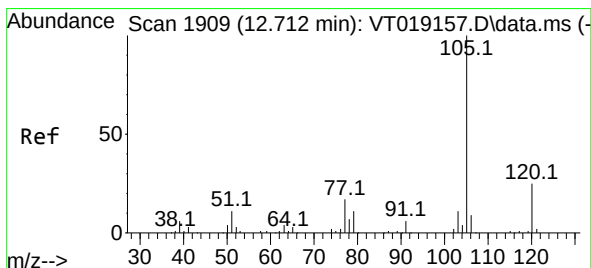
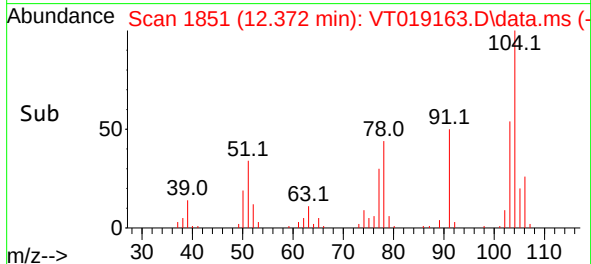
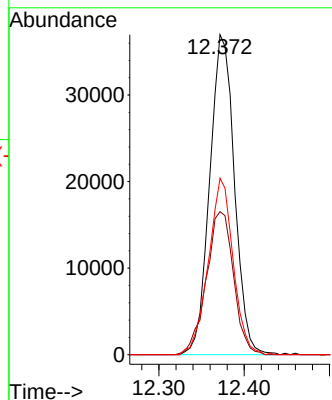
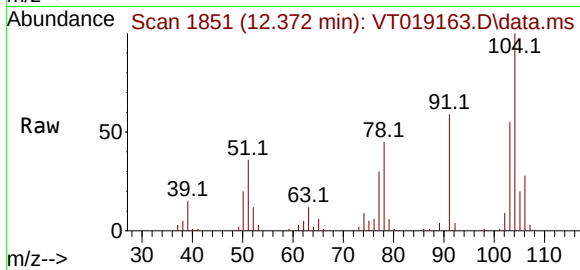
#69
Styrene
Concen: 19.329 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 74398
Ion Ratio Lower Upper
104 100
78 49.1 42.6 63.8
103 55.4 43.5 65.3

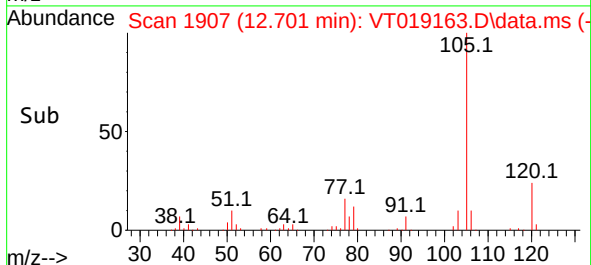
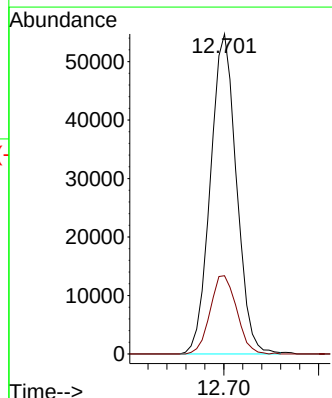
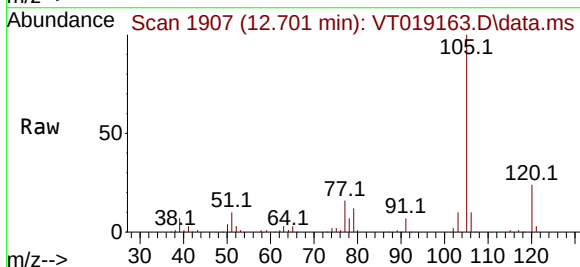
Manual Integrations
APPROVED

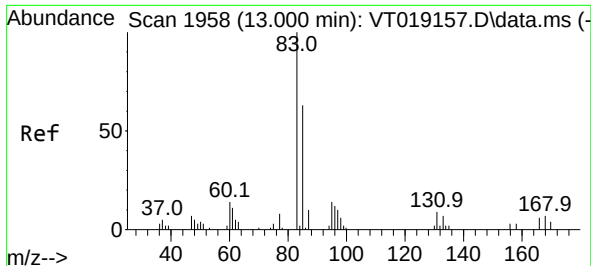
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Isopropylbenzene
Concen: 19.844 ug/l
RT: 12.701 min Scan# 1907
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion:105 Resp: 104352
Ion Ratio Lower Upper
105 100
120 24.9 17.8 33.0





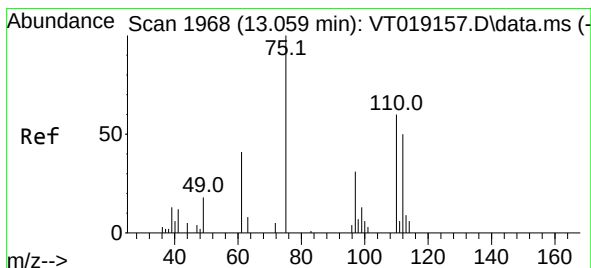
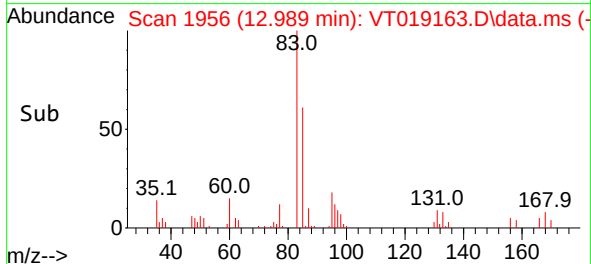
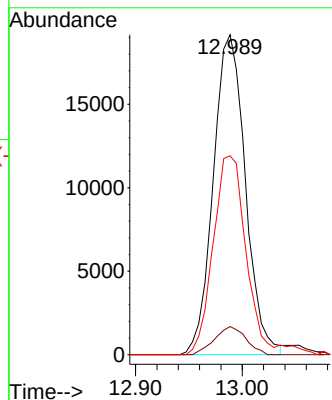
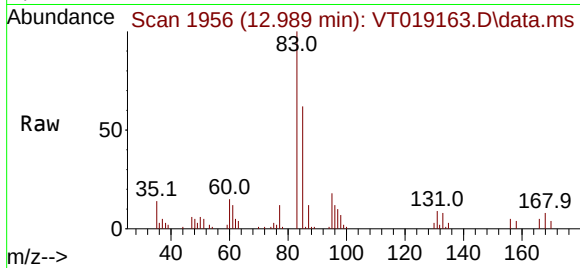
#71
1,1,2,2-Tetrachloroethane
Concen: 19.400 ug/l
RT: 12.989 min Scan# 1958
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 40028
Ion Ratio Lower Upper
83 100
131 8.6 6.0 18.0
85 62.9 32.3 96.9

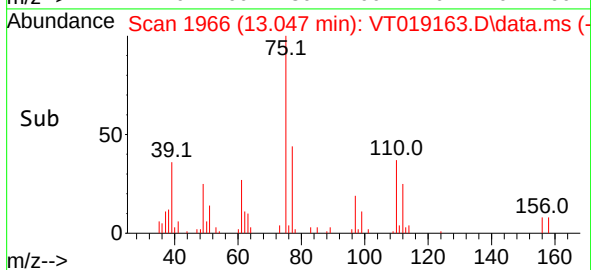
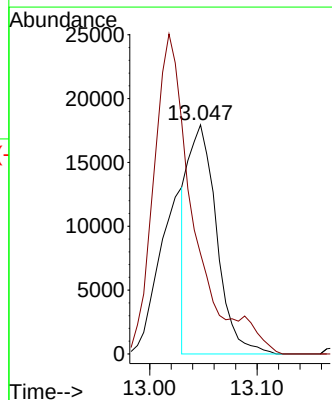
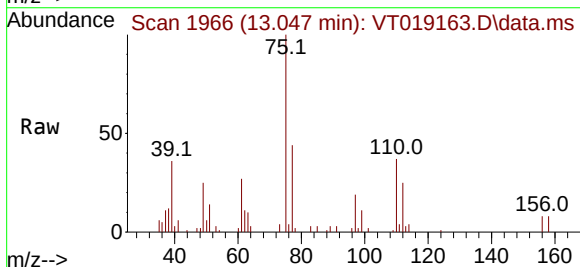
Manual Integrations
APPROVED

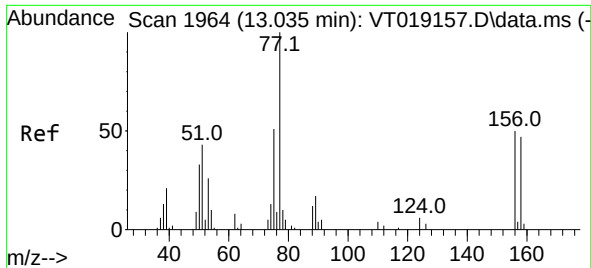
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#72
1,2,3-Trichloropropane
Concen: 22.084 ug/l m
RT: 13.047 min Scan# 1966
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 75 Resp: 33635
Ion Ratio Lower Upper
75 100
77 182.9 0.0 74.2#





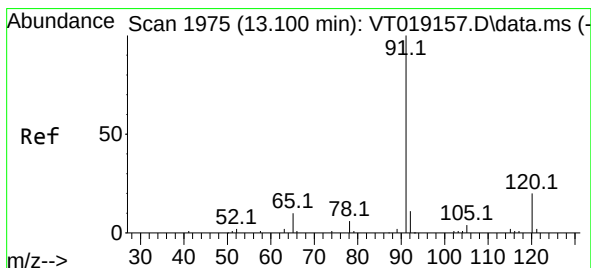
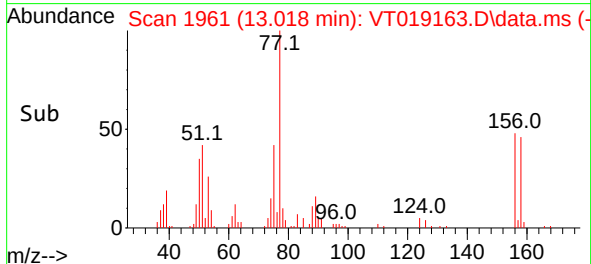
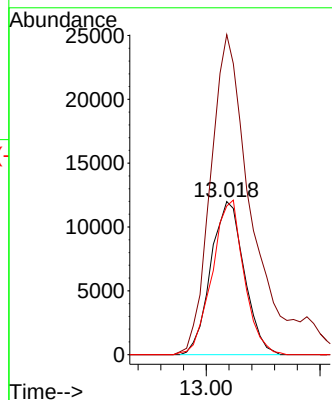
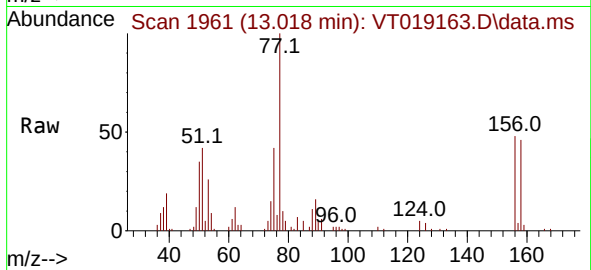
#73
Bromobenzene
Concen: 19.862 ug/l
RT: 13.018 min Scan# 1964
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 2456
Ion Ratio Lower Upper
156 100
77 250.4 0.0 340.8
158 96.1 0.0 189.0

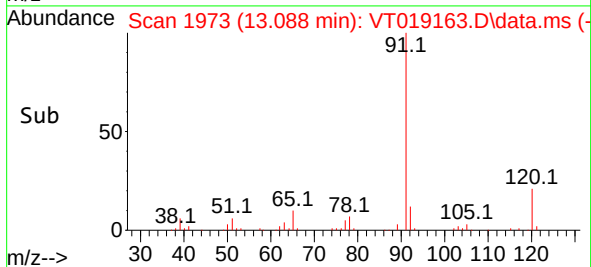
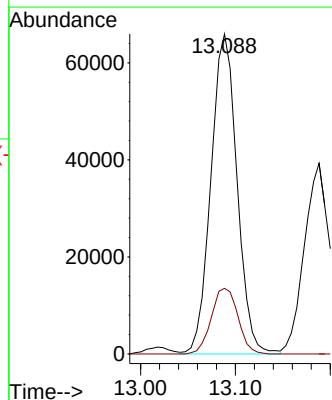
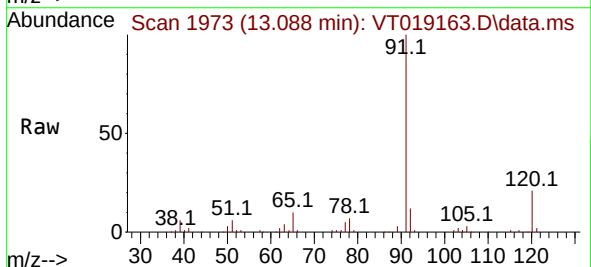
Manual Integrations
APPROVED

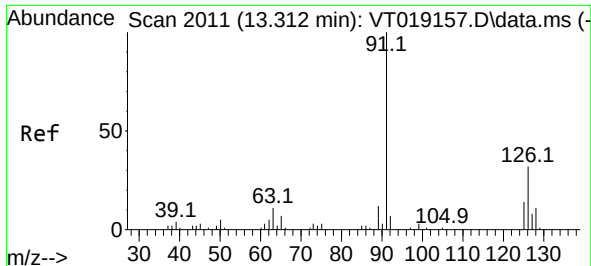
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
n-propylbenzene
Concen: 19.925 ug/l
RT: 13.088 min Scan# 1973
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 91 Resp: 126345
Ion Ratio Lower Upper
91 100
120 20.9 0.0 44.4





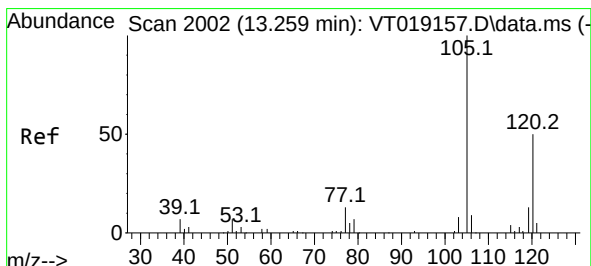
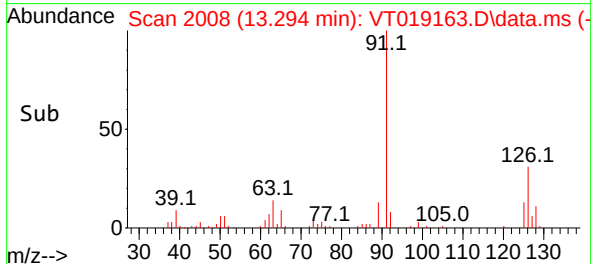
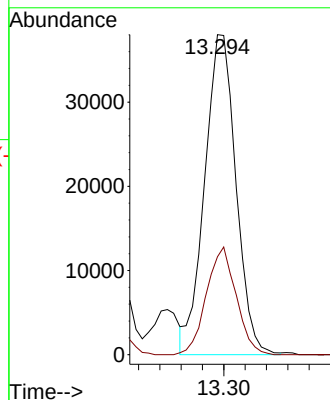
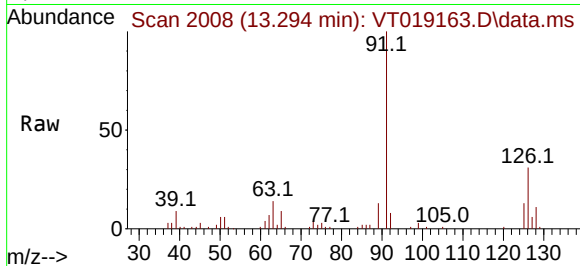
#75
2-Chlorotoluene
Concen: 19.982 ug/l
RT: 13.294 min Scan# 2008
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 7756
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.6

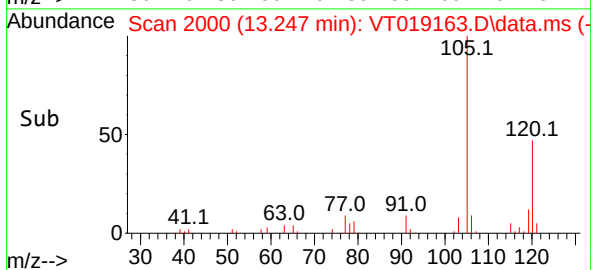
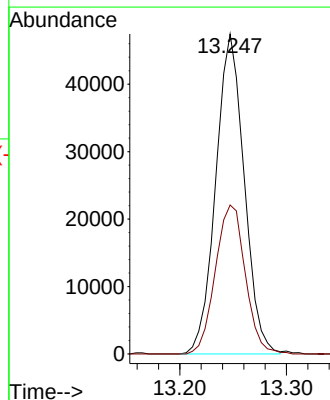
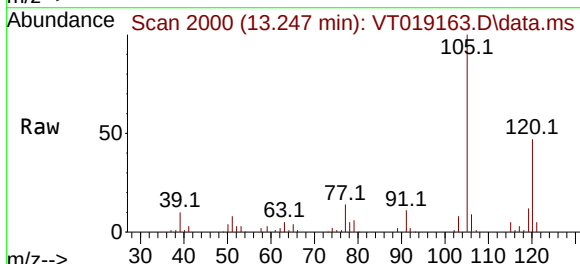
Manual Integrations
APPROVED

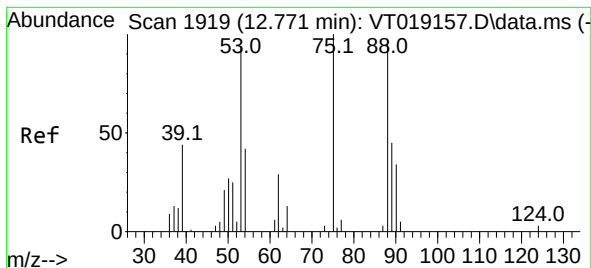
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.361 ug/l
RT: 13.247 min Scan# 2000
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

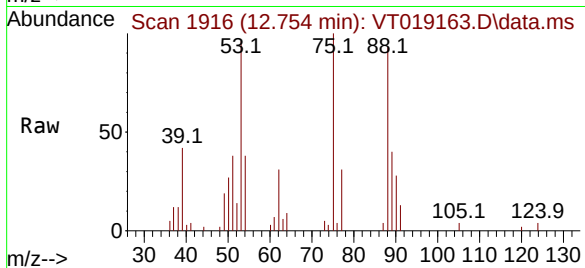
Tgt Ion:105 Resp: 87840
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 19.352 ug/l
RT: 12.754 min Scan# 1916
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

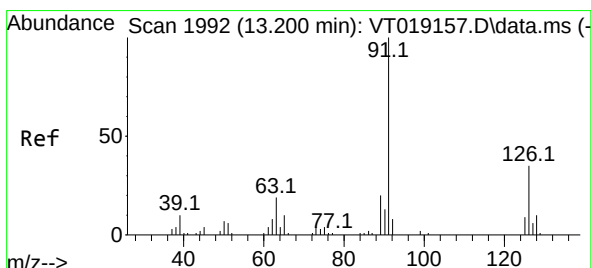
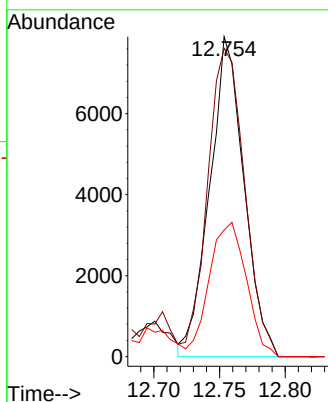
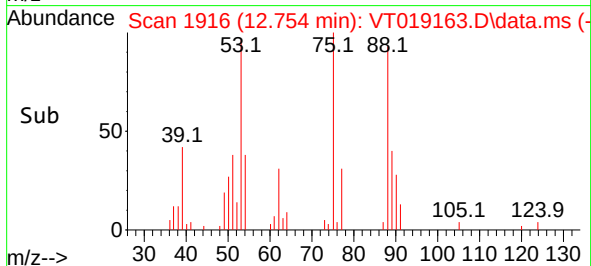
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1432
Ion Ratio Lower Upper
75 100
53 96.4 48.4 145.2
89 39.5 33.8 101.3

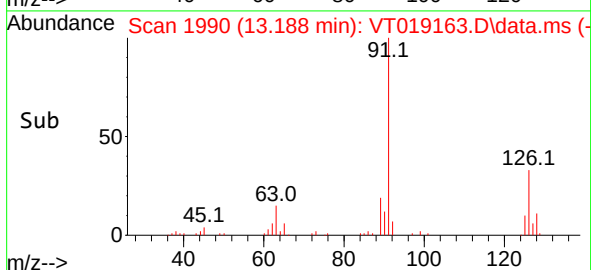
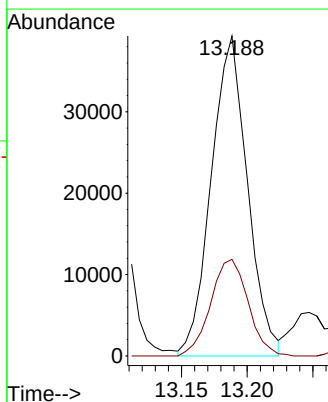
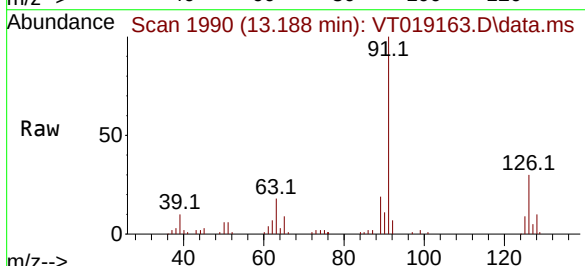
Manual Integrations
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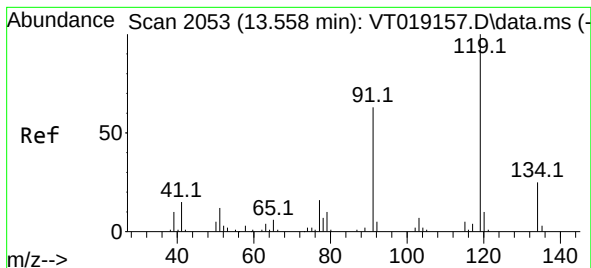
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
4-Chlorotoluene
Concen: 19.676 ug/l
RT: 13.188 min Scan# 1990
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 91 Resp: 75344
Ion Ratio Lower Upper
91 100
126 31.3 0.0 57.2





#79

tert-butylbenzene

Concen: 19.925 ug/l

RT: 13.547 min Scan# 2053

Delta R.T. -0.011 min

Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 7634

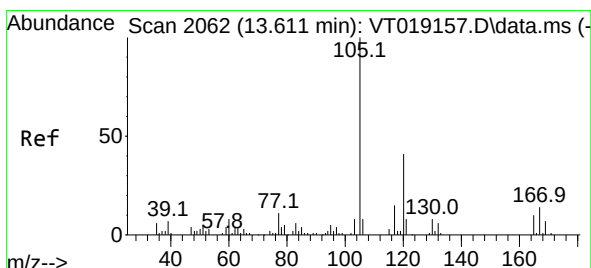
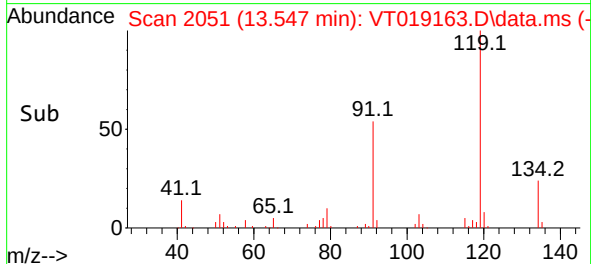
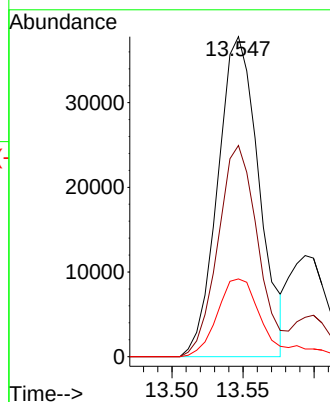
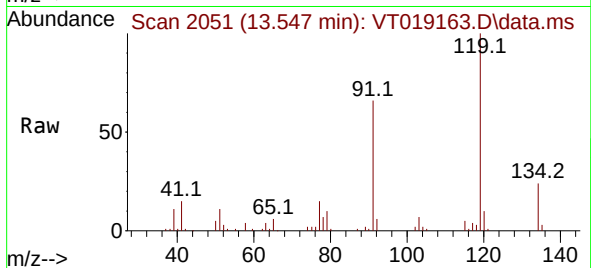
Ion	Ratio	Lower	Upper
119	100		
91	64.8	0.0	120.6
134	25.0	0.0	46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#80

1,2,4-Trimethylbenzene

Concen: 19.456 ug/l

RT: 13.600 min Scan# 2060

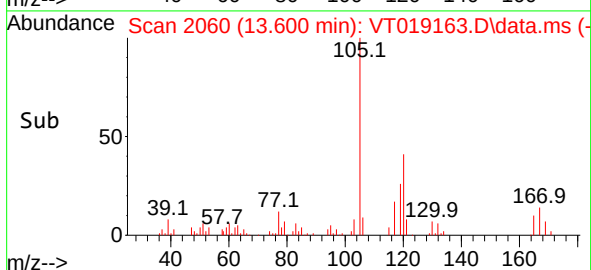
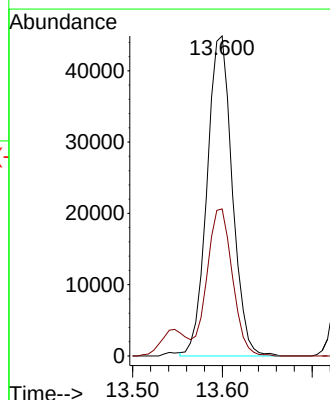
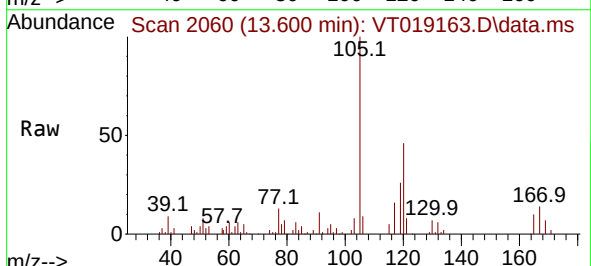
Delta R.T. -0.011 min

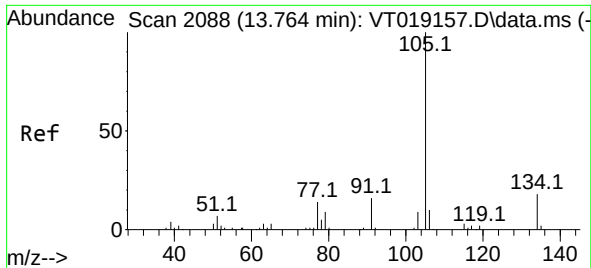
Lab File: VT019163.D

Acq: 23 Oct 2025 9:22

Tgt Ion:105 Resp: 87574

Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	88.6





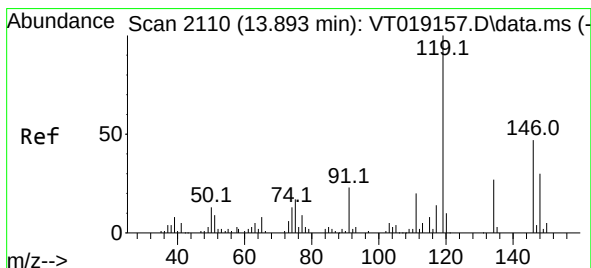
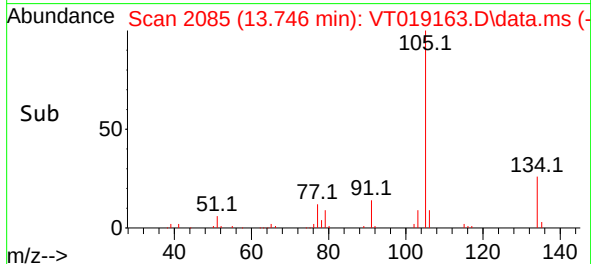
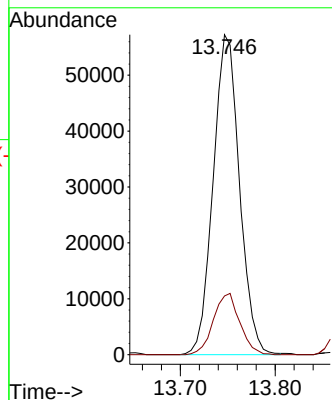
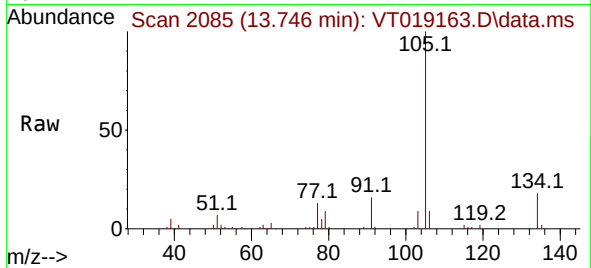
#81
 sec-Butylbenzene
 Concen: 20.021 ug/l
 RT: 13.746 min Scan# 2085
 Delta R.T. -0.018 min
 Lab File: VT019163.D
 Acq: 23 Oct 2025 9:22

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 11053
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4

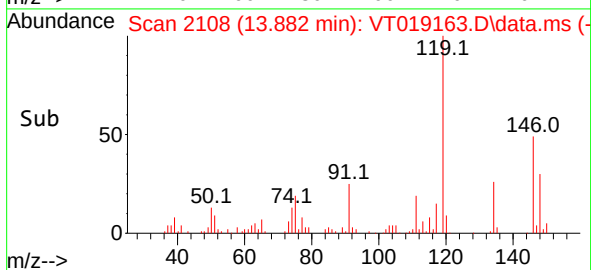
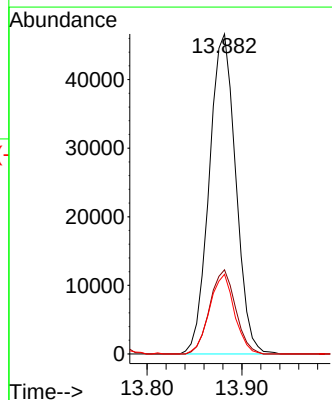
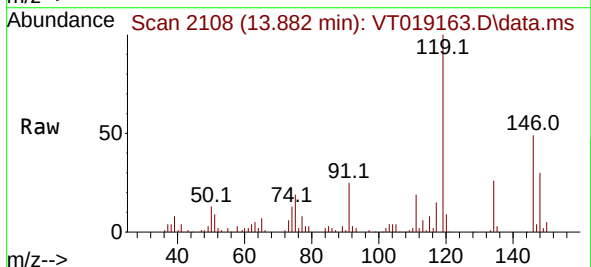
Manual Integrations
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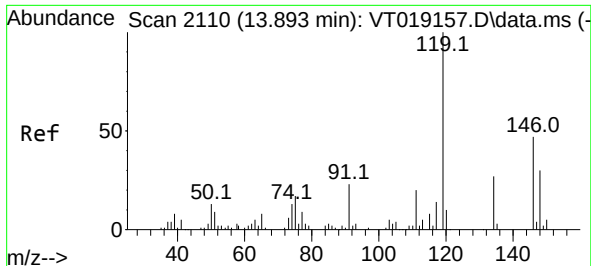
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#82
 p-Isopropyltoluene
 Concen: 19.737 ug/l
 RT: 13.882 min Scan# 2108
 Delta R.T. -0.011 min
 Lab File: VT019163.D
 Acq: 23 Oct 2025 9:22

Tgt Ion:119 Resp: 90651
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 23.4 0.0 51.0





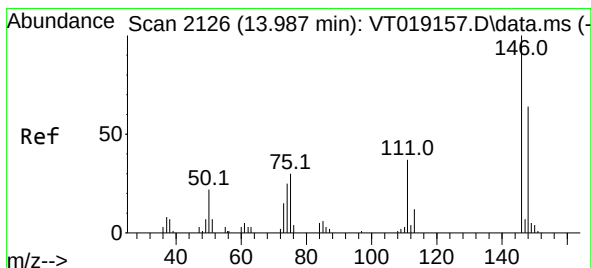
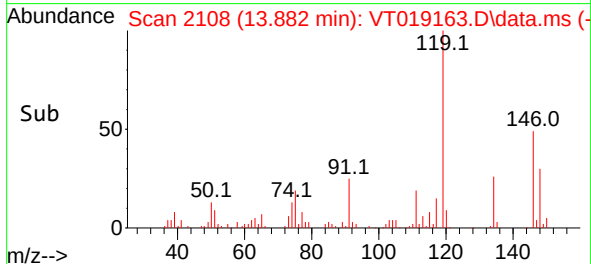
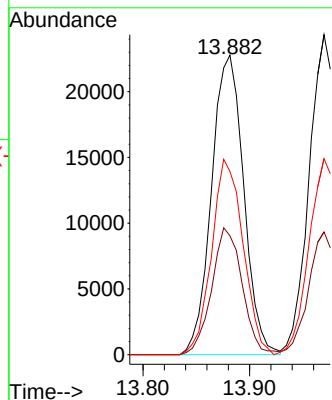
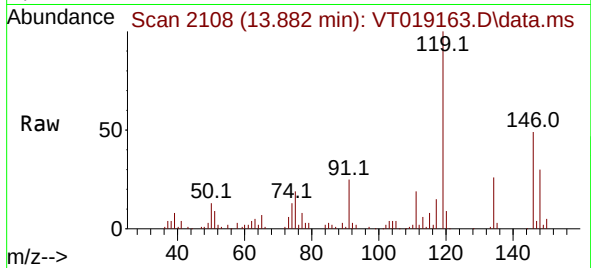
#83
1,3-Dichlorobenzene
Concen: 19.721 ug/l
RT: 13.882 min Scan# 2110
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 4782
Ion Ratio Lower Upper
146 100
111 40.1 20.7 62.1
148 63.5 31.8 95.3

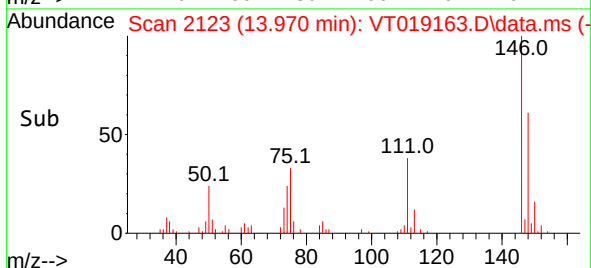
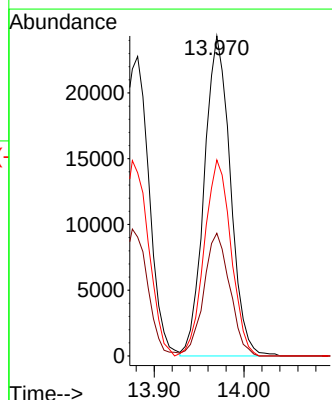
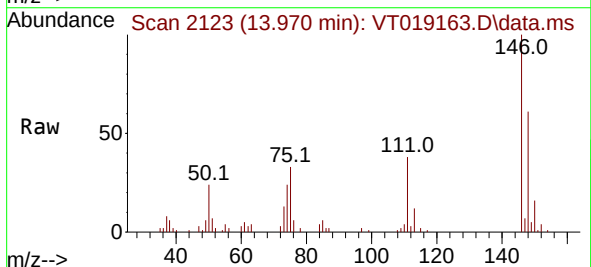
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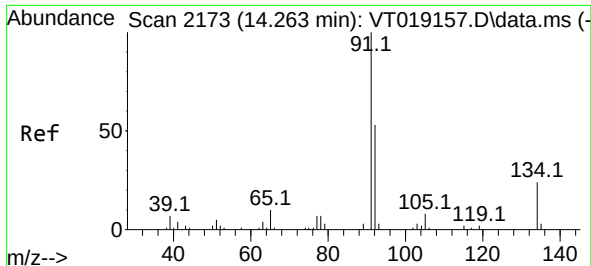
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,4-Dichlorobenzene
Concen: 20.143 ug/l
RT: 13.970 min Scan# 2123
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion:146 Resp: 49184
Ion Ratio Lower Upper
146 100
111 38.2 20.4 61.3
148 62.7 32.3 96.8





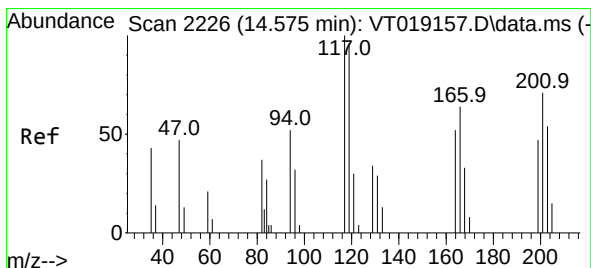
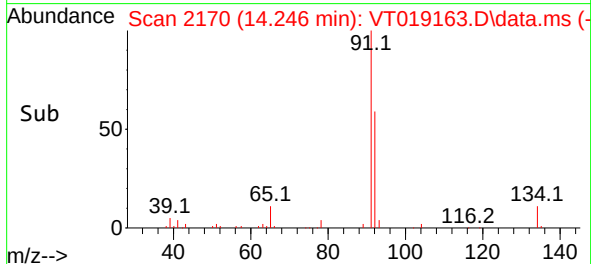
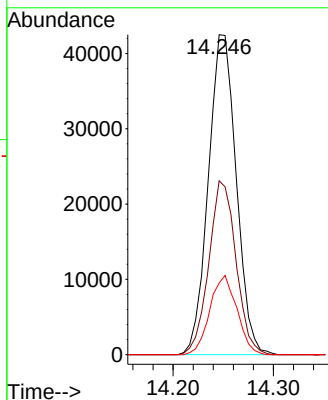
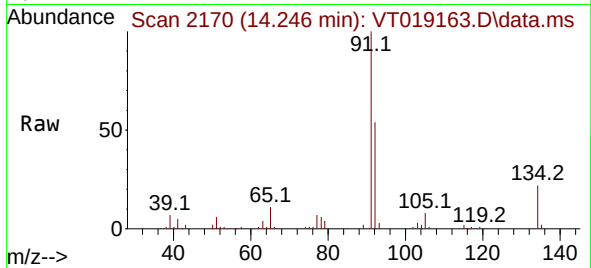
#85
n-Butylbenzene
Concen: 19.542 ug/l
RT: 14.246 min Scan# 2173
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 82148
Ion Ratio Lower Upper
91 100
92 52.8 0.0 107.8
134 24.0 0.0 50.0

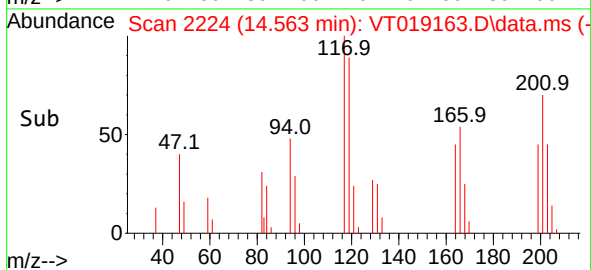
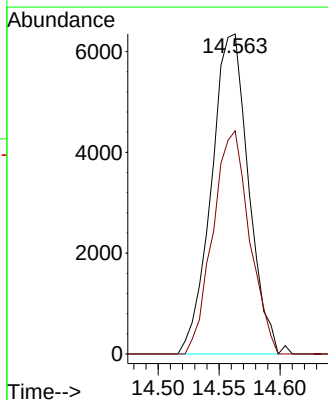
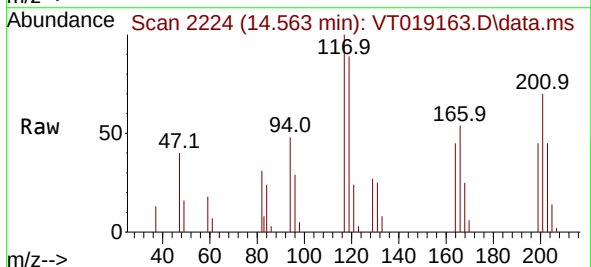
Manual Integrations
APPROVED

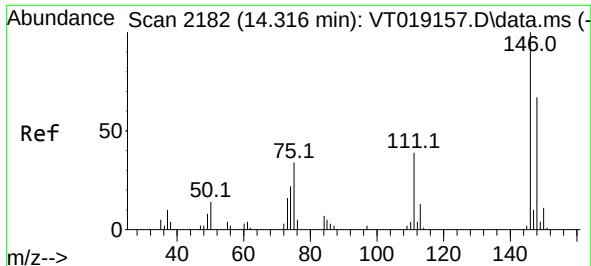
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#86
Hexachloroethane
Concen: 21.846 ug/l
RT: 14.563 min Scan# 2224
Delta R.T. -0.012 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

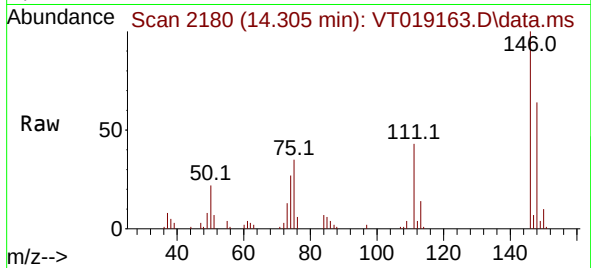
Tgt Ion:117 Resp: 13447
Ion Ratio Lower Upper
117 100
201 68.8 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 19.667 ug/l
RT: 14.305 min Scan# 2182
Delta R.T. -0.011 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

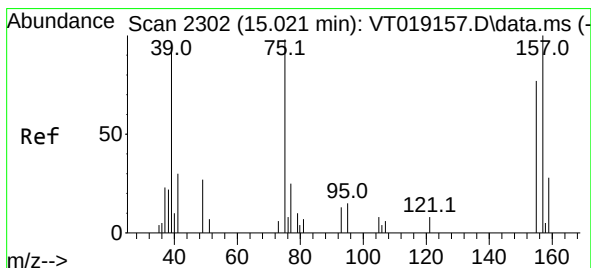
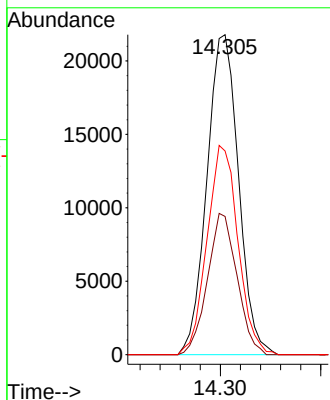
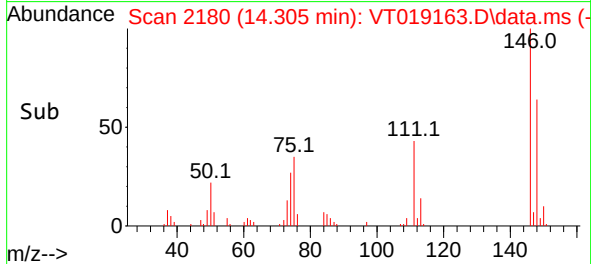
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 47648
Ion Ratio Lower Upper
146 100
111 41.2 21.8 65.3
148 64.1 32.4 97.0

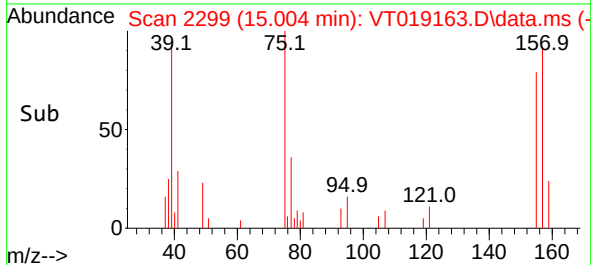
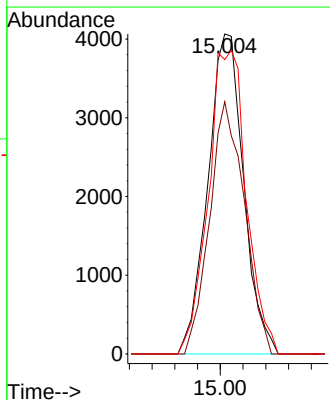
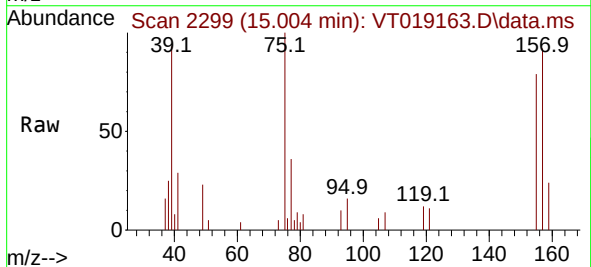
Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.596 ug/l
RT: 15.004 min Scan# 2299
Delta R.T. -0.017 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
155 76.8 65.4 98.2
157 51.5 82.0 123.0#





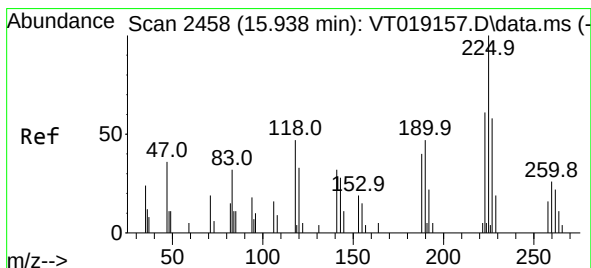
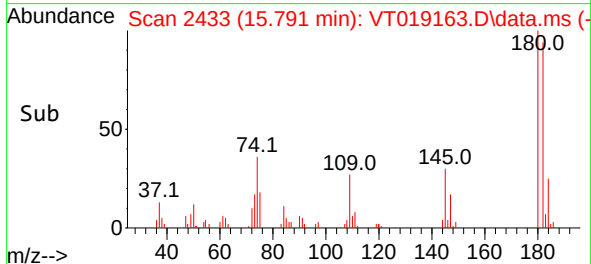
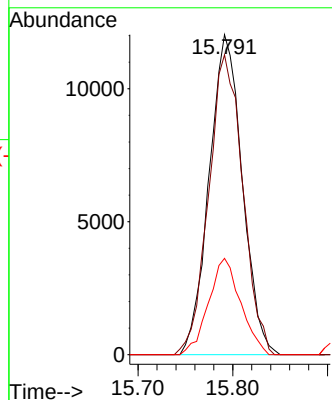
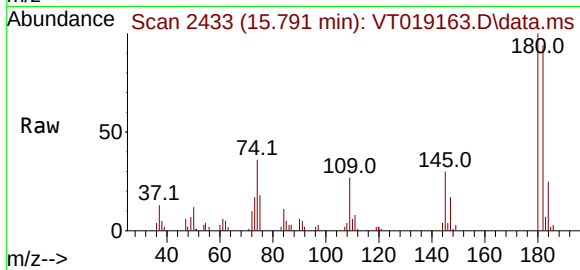
#89
1,2,4-Trichlorobenzene
Concen: 19.823 ug/l
RT: 15.791 min Scan# 2436
Delta R.T. -0.018 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 29236
Ion Ratio Lower Upper
180 100
182 96.0 78.2 117.2
145 29.2 26.5 39.7

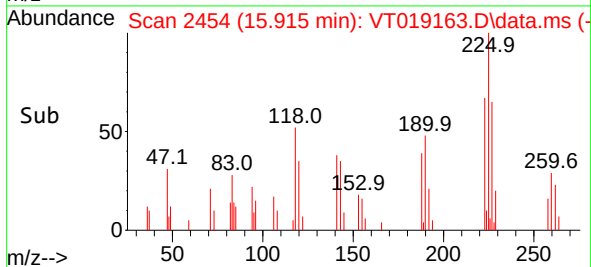
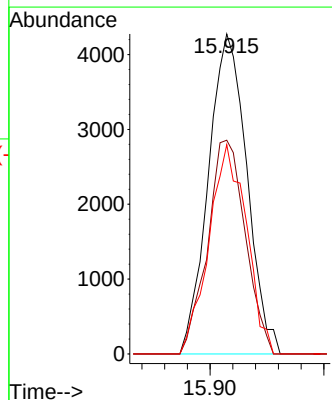
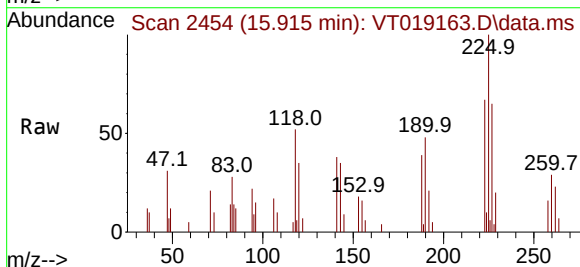
Manual Integrations
APPROVED

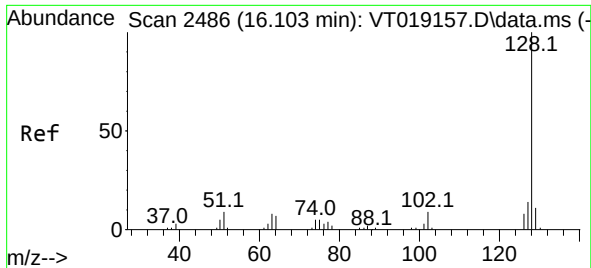
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachlorobutadiene
Concen: 20.572 ug/l
RT: 15.915 min Scan# 2454
Delta R.T. -0.023 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

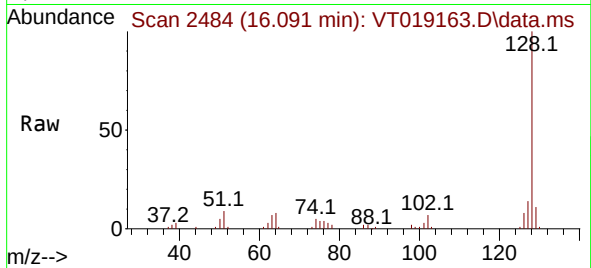
Tgt Ion:225 Resp: 10060
Ion Ratio Lower Upper
225 100
223 65.5 0.0 73.8
227 63.6 0.0 130.6





#91
Naphthalene
Concen: 18.623 ug/l
RT: 16.091 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22

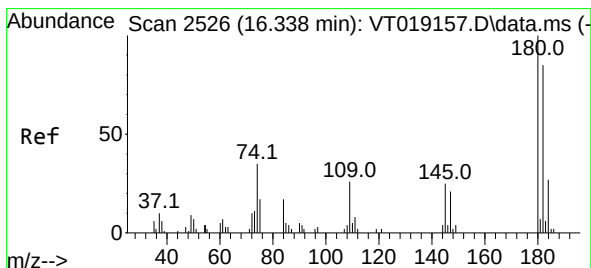
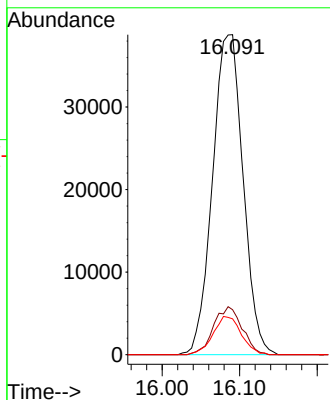
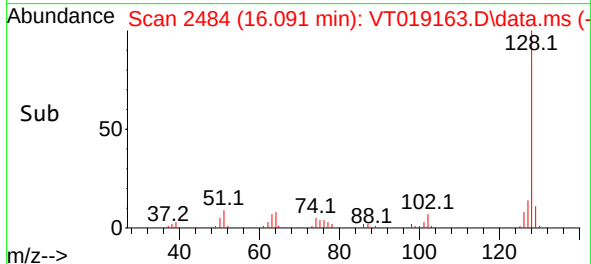
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



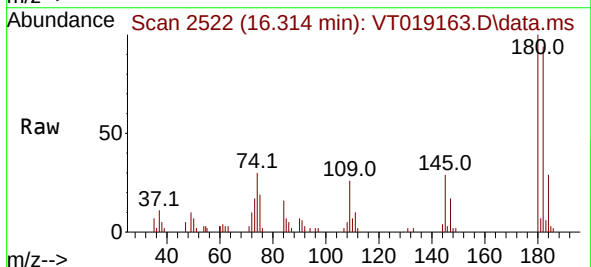
Tgt Ion:128 Resp: 10616
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 11.1 9.0 13.4

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: 19.558 ug/l
RT: 16.314 min Scan# 2522
Delta R.T. -0.024 min
Lab File: VT019163.D
Acq: 23 Oct 2025 9:22



Tgt Ion:180 Resp: 29115
Ion Ratio Lower Upper
180 100
182 95.1 0.0 189.0
145 32.7 0.0 69.2

