

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019181.D
 Acq On : 24 Oct 2025 15:53
 Operator : SY/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDC0020EC

Quant Time: Oct 25 01:47:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.048	128	22916	30.000	ug/l	#-0.03
28) 1,4-Difluorobenzene	8.552	114	142341	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	118646	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	59392	29.582	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	12.859	95	55187	29.595	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.667%
63) Toluene-d8	10.233	98	172222	29.823	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	11707	18.615	ug/l	96
3) Chloromethane	2.101	50	28353m	19.640	ug/l	
4) Vinyl Chloride	2.183	62	27394	16.979	ug/l	93
5) Bromomethane	2.536	94	24408	18.217	ug/l	87
6) Chloroethane	2.671	64	24109	16.944	ug/l	92
7) Trichlorofluoromethane	2.971	101	44617	17.053	ug/l	92
8) Diethyl Ether	3.335	74	29470	18.293	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.664	101	19110	18.603	ug/l	97
10) 1,1-Dichloroethene	3.640	96	19709	19.152	ug/l	95
11) Methyl Iodide	3.846	142	20001	19.945	ug/l	# 10
12) Methyl Acetate	4.199	43	89573	22.012	ug/l	97
13) Acrolein	3.523	56	9183	66.910	ug/l	99
14) Acrylonitrile	4.821	53	117582	93.744	ug/l	99
15) Acetone	3.717	58	36969	82.726	ug/l	92
16) Carbon Disulfide	3.940	76	34466	17.932	ug/l	98
17) Allyl chloride	4.199	41	49960	20.423	ug/l	90
18) Methylene Chloride	4.404	84	29911	19.488	ug/l	94
19) trans-1,2-Dichloroethene	6.660	96	32282	20.390	ug/l	97
20) Diisopropyl ether	5.779	45	123189	19.783	ug/l	# 65
21) 1,1-Dichloroethane	5.673	63	56803	19.522	ug/l	99
22) cis-1,2-Dichloroethene	6.660	96	32282	20.390	ug/l	97
23) tert-Butyl Alcohol	4.639	59	50791	92.428	ug/l	# 100
24) Methyl tert-Butyl Ether	4.880	73	121894	19.713	ug/l	96
25) Chloroform	7.236	83	53646	20.155	ug/l	100
26) Cyclohexane	7.536	56	31479	18.436	ug/l	# 98
29) 1,1-Dichloropropene	7.683	75	29095	19.534	ug/l	97
30) 2-Butanone	6.672	43	163568	89.095	ug/l	99
31) 2,2-Dichloropropane	6.666	77	42859	19.653	ug/l	92
32) 1,1,1-Trichloroethane	7.448	97	37748	20.116	ug/l	# 75
33) Carbon Tetrachloride	7.671	117	24787	20.616	ug/l	# 99
34) Benzene	7.953	78	108407	19.645	ug/l	# 77
35) Methacrylonitrile	7.019	41	28541	18.264	ug/l	91
36) 1,2-Dichloroethane	8.047	62	40538	19.816	ug/l	97
37) Trichloroethene	8.829	130	20580	20.273	ug/l	99
38) Methylcyclohexane	9.099	83	28559	19.040	ug/l	96
39) 1,2-Dichloropropane	9.140	63	29062	20.109	ug/l	# 87
40) Dibromomethane	9.240	93	18053	20.259	ug/l	# 74
41) Bromodichloromethane	10.762	83	23857	20.842	ug/l	# 95
42) Vinyl Acetate	5.720	43	425603	94.488	ug/l	99

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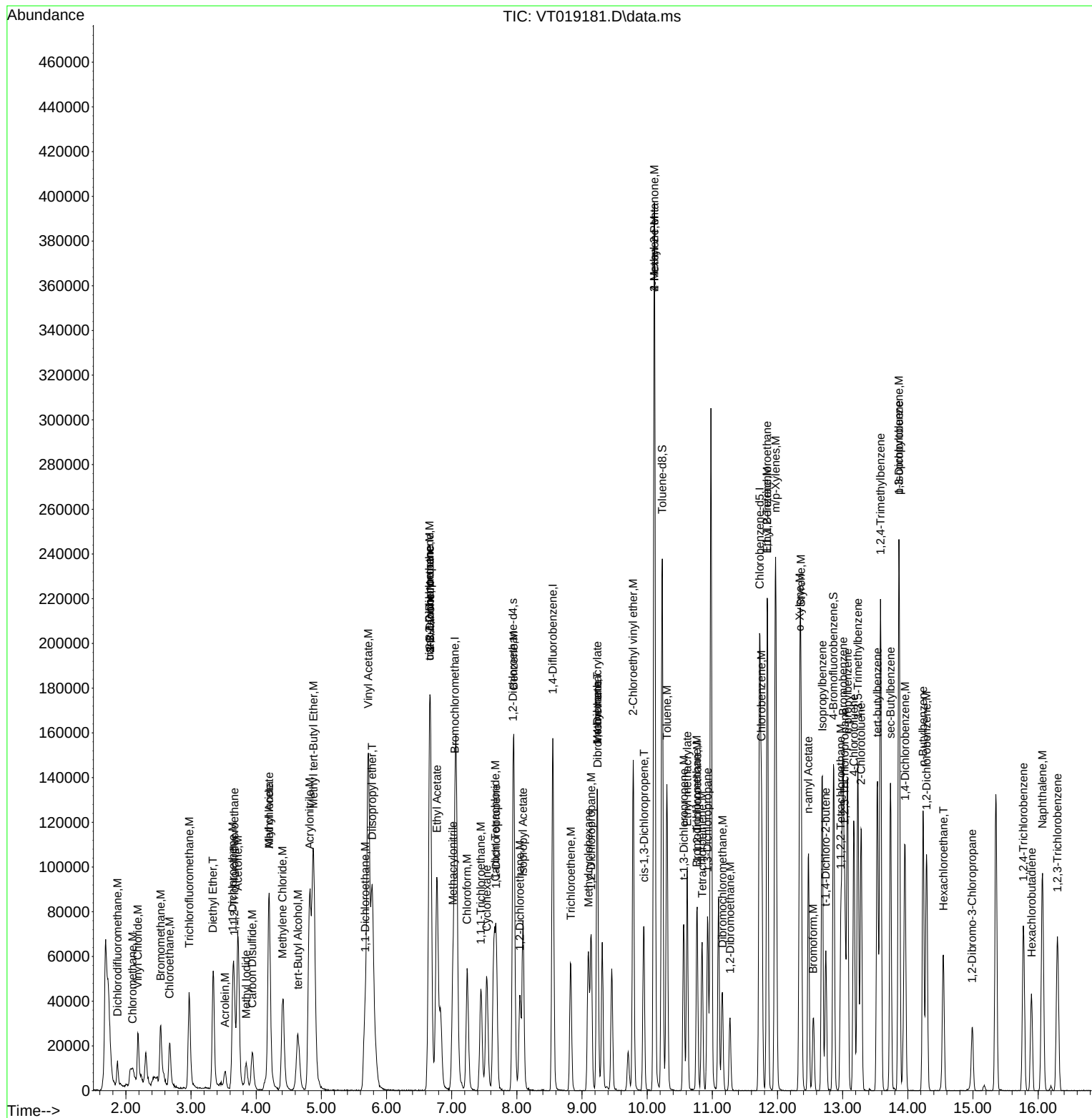
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.772	43	61045	20.228	ug/l	96
44) Isopropyl Acetate	8.094	43	92137	19.398	ug/l	95
45) 1,4-Dioxane	9.234	88	15919	386.327	ug/l #	76
46) Methyl methacrylate	9.234	41	42164	19.853	ug/l	86
47) n-amyl Acetate	12.471	43	62879	19.673	ug/l	99
48) t-1,3-Dichloropropene	10.562	75	42444	20.436	ug/l	98
49) cis-1,3-Dichloropropene	9.951	75	45238	20.734	ug/l	97
50) 1,1,2-Trichloroethane	10.767	97	26839	20.477	ug/l	89
51) Ethyl methacrylate	10.615	69	49663	20.219	ug/l	96
52) 1,3-Dichloropropane	10.926	76	47769	20.406	ug/l	98
53) Dibromochloromethane	11.155	129	25851	21.144	ug/l #	2
54) 1,2-Dibromoethane	11.273	107	24585	20.167	ug/l	99
55) 2-Chloroethyl vinyl ether	9.786	63	68379	95.449	ug/l	99
56) Bromoform	12.548	173	17226	21.432	ug/l #	18
58) 4-Methyl-2-Pentanone	10.109	43	279471	96.184	ug/l	98
59) 2-Hexanone	10.109	43	279471	96.184	ug/l #	83
61) Tetrachloroethene	10.844	164	15617	20.824	ug/l	96
62) Toluene	10.303	91	108270	20.374	ug/l	100
64) Chlorobenzene	11.755	112	66538	20.499	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.843	131	22617	21.391	ug/l	91
66) Ethyl Benzene	11.843	91	117967	20.425	ug/l	98
67) m/p-Xylenes	11.972	106	87151	40.593	ug/l	97
68) o-Xylene	12.342	106	44744	20.190	ug/l	94
69) Styrene	12.360	104	79374	19.950	ug/l	96
70) Isopropylbenzene	12.689	105	111804	20.568	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.971	83	44400	20.818	ug/l	98
72) 1,2,3-Trichloropropane	13.030	75	34370m	21.832	ug/l	
73) Bromobenzene	13.006	156	26549	20.770	ug/l	64
74) n-propylbenzene	13.077	91	133129	20.311	ug/l	99
75) 2-Chlorotoluene	13.282	91	82685	20.607	ug/l	98
76) 1,3,5-Trimethylbenzene	13.235	105	92960	20.845	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	15860	20.733	ug/l	82
78) 4-Chlorotoluene	13.171	91	80660	20.378	ug/l	93
79) tert-butylbenzene	13.535	119	82526	20.837	ug/l	93
80) 1,2,4-Trimethylbenzene	13.582	105	94775	20.369	ug/l	98
81) sec-Butylbenzene	13.735	105	115739	20.281	ug/l	98
82) p-Isopropyltoluene	13.864	119	97973	20.636	ug/l	97
83) 1,3-Dichlorobenzene	13.864	146	52438	20.918	ug/l	99
84) 1,4-Dichlorobenzene	13.958	146	52860	20.944	ug/l	98
85) n-Butylbenzene	14.234	91	87164	20.060	ug/l	98
86) Hexachloroethane	14.545	117	14310	22.491	ug/l #	1
87) 1,2-Dichlorobenzene	14.287	146	54384	21.716	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.986	75	9418	20.099	ug/l	97
89) 1,2,4-Trichlorobenzene	15.773	180	31454	20.632	ug/l	98
90) Hexachlorobutadiene	15.903	225	10599m	20.968	ug/l	
91) Naphthalene	16.067	128	120843	20.507	ug/l	99
92) 1,2,3-Trichlorobenzene	16.296	180	32336	21.014	ug/l	97

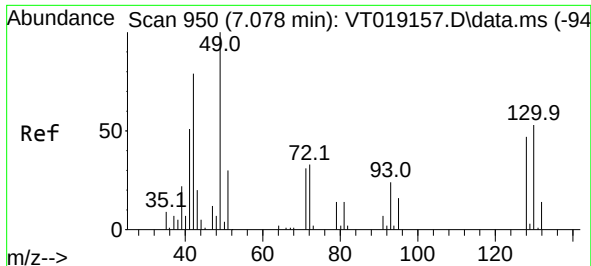
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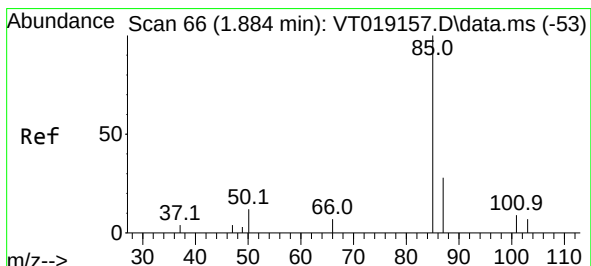
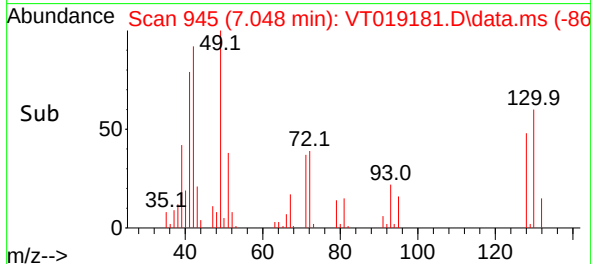
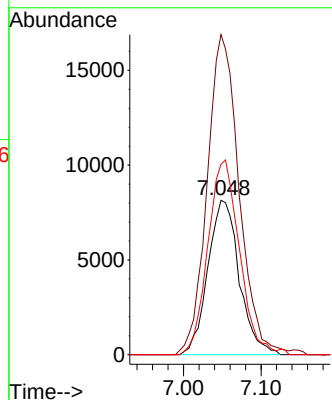
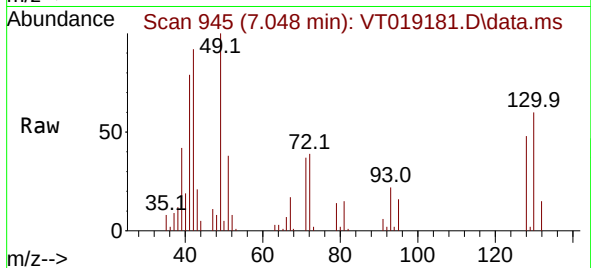




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.048 min Scan# 94
Delta R.T. -0.030 min
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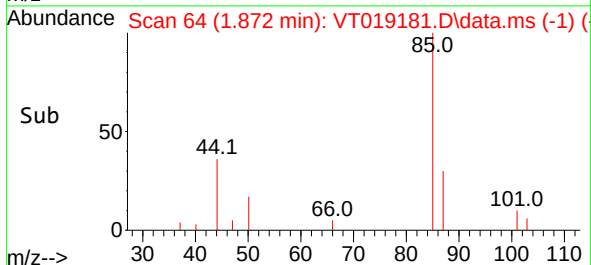
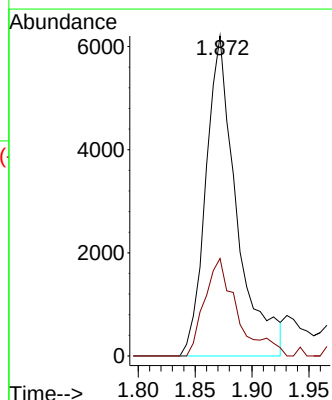
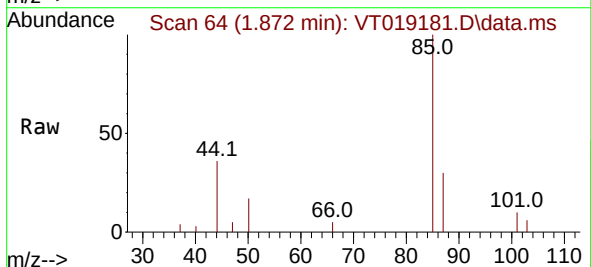
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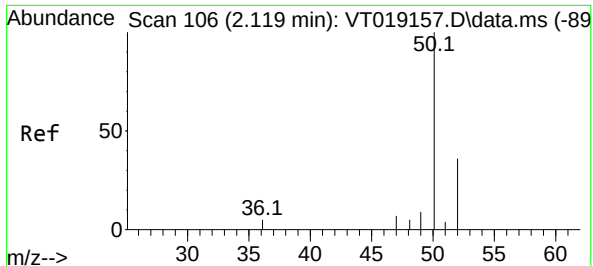
Tgt Ion:128 Resp: 22916
Ion Ratio Lower Upper
128 100
49 211.0 0.0 0.0#
130 126.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 18.615 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.006 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 85 Resp: 11707
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.1

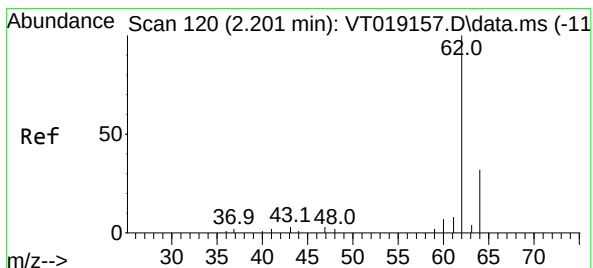
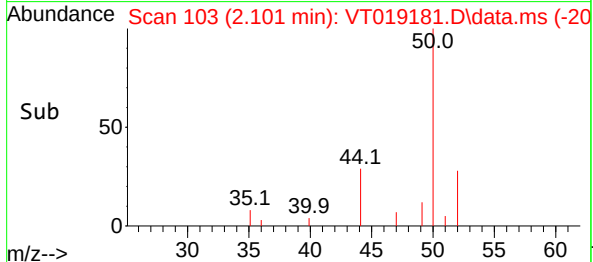
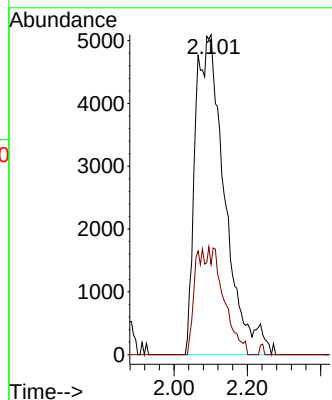
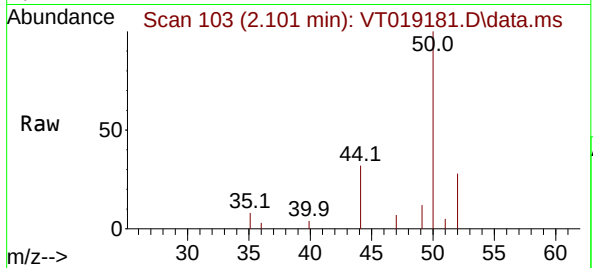




#3
Chloromethane
Concen: 19.640 ug/l m
RT: 2.101 min Scan# 106
Delta R.T. -0.012 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

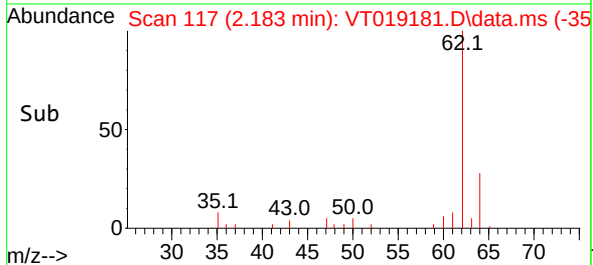
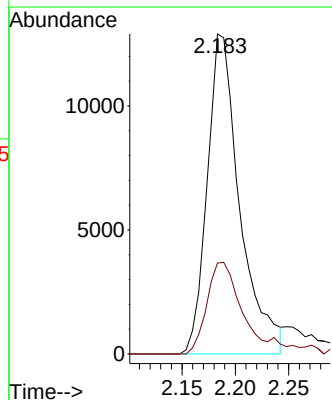
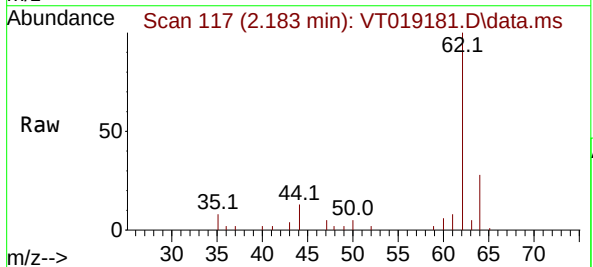
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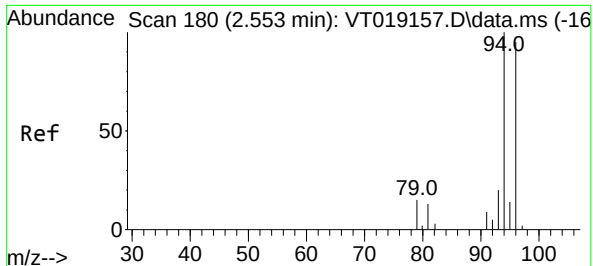
Tgt Ion: 50 Resp: 28353
Ion Ratio Lower Upper
50 100
52 28.2 24.4 36.6



#4
Vinyl Chloride
Concen: 16.979 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 62 Resp: 27394
Ion Ratio Lower Upper
62 100
64 28.4 25.7 38.5

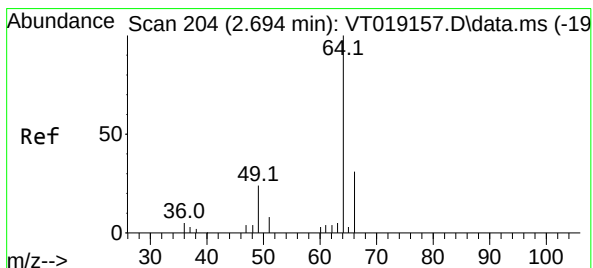
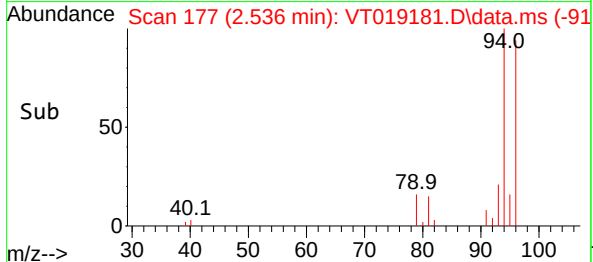
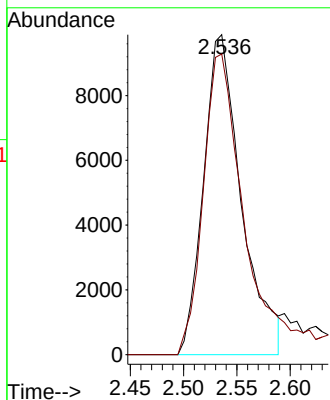
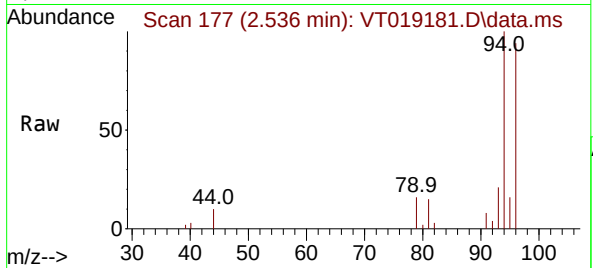




#5
Bromomethane
Concen: 18.217 ug/l
RT: 2.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

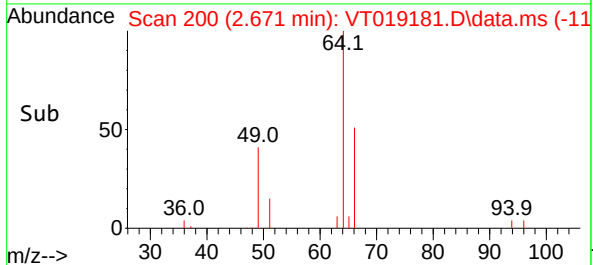
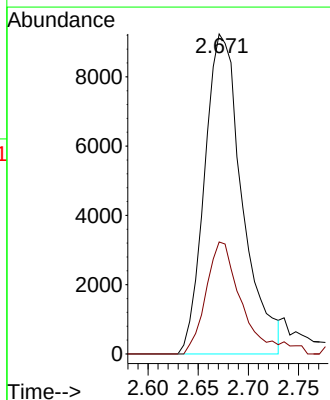
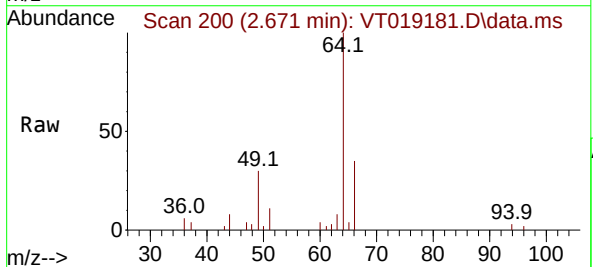
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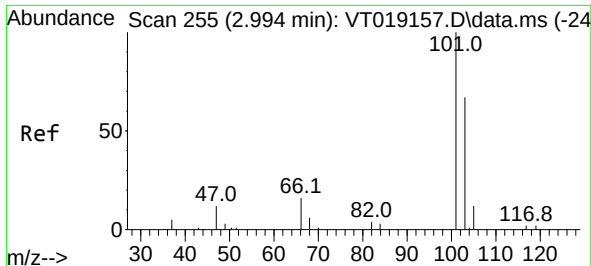
Tgt Ion: 94 Resp: 24408
Ion Ratio Lower Upper
94 100
96 93.9 66.0 99.0



#6
Chloroethane
Concen: 16.944 ug/l
RT: 2.671 min Scan# 200
Delta R.T. -0.006 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 64 Resp: 24109
Ion Ratio Lower Upper
64 100
66 35.0 24.3 36.5

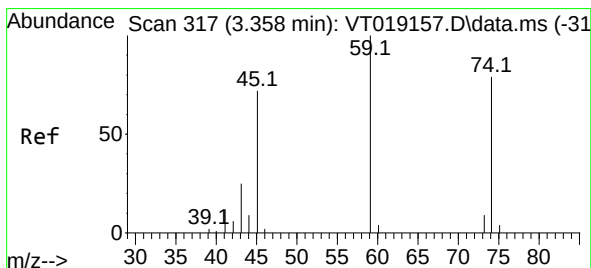
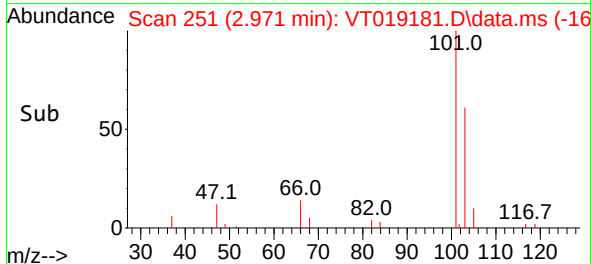
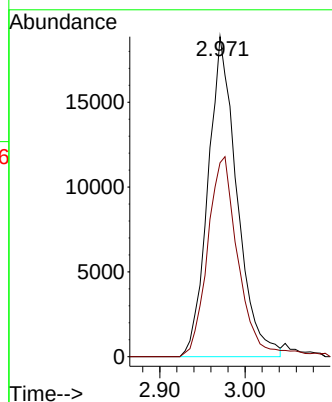
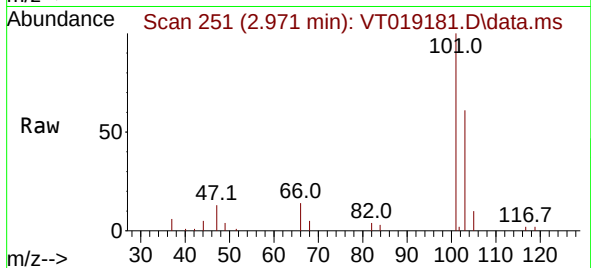




#7
 Trichlorofluoromethane
 Concen: 17.053 ug/l
 RT: 2.971 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VT019181.D
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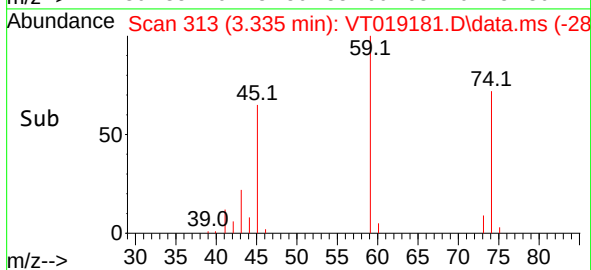
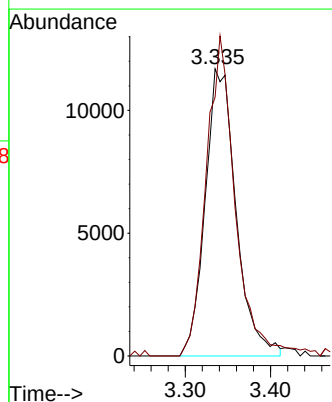
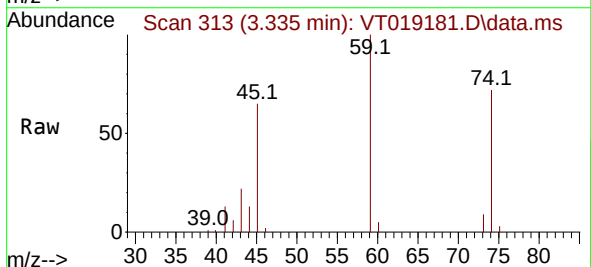
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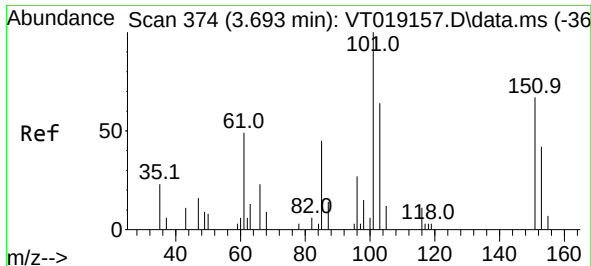
Tgt Ion:101 Resp: 44617
 Ion Ratio Lower Upper
 101 100
 103 59.4 52.4 78.6



#8
 Diethyl Ether
 Concen: 18.293 ug/l
 RT: 3.335 min Scan# 313
 Delta R.T. -0.023 min
 Lab File: VT019181.D
 Acq: 24 Oct 2025 15:53

Tgt Ion: 74 Resp: 29470
 Ion Ratio Lower Upper
 74 100
 45 102.7 22.0 197.6

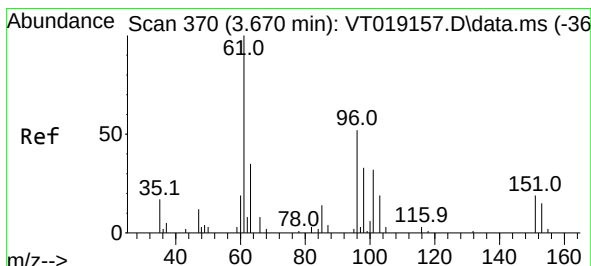
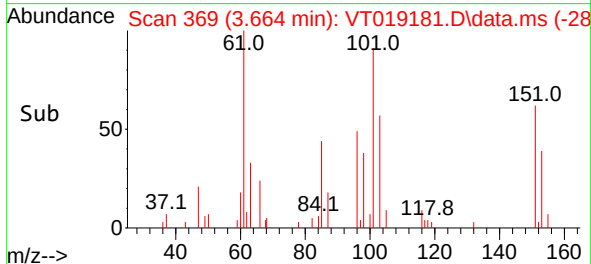
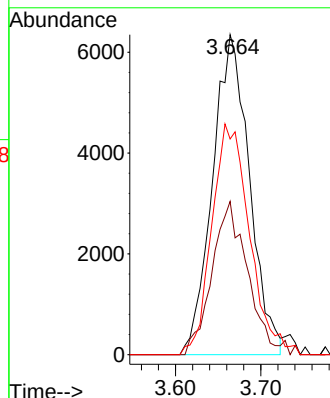
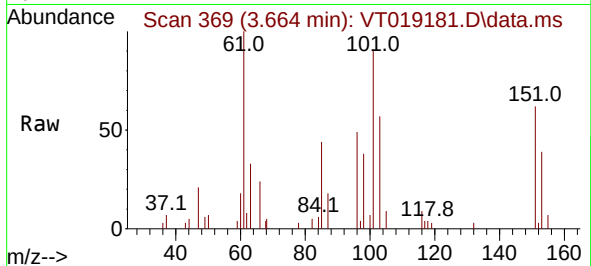




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.603 ug/l
 RT: 3.664 min Scan# 3
 Delta R.T. -0.018 min
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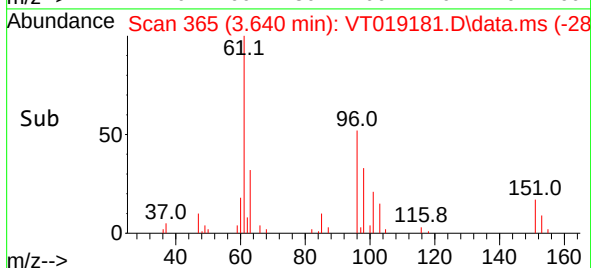
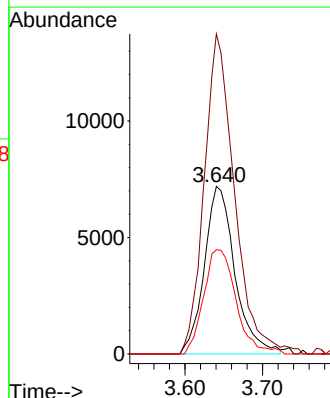
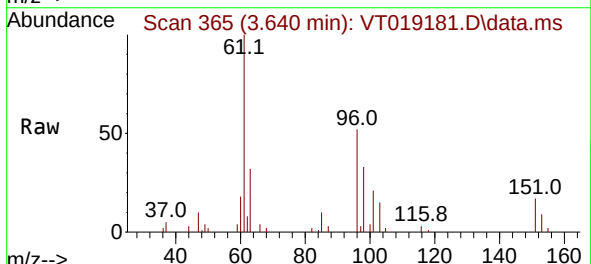
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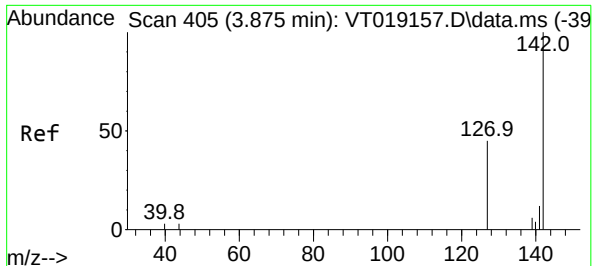
Tgt Ion:101 Resp: 19110
 Ion Ratio Lower Upper
 101 100
 85 45.9 0.0 91.8
 151 72.9 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 19.152 ug/l
 RT: 3.640 min Scan# 365
 Delta R.T. -0.030 min
 Lab File: VT019181.D
 Acq: 24 Oct 2025 15:53

Tgt Ion: 96 Resp: 19709
 Ion Ratio Lower Upper
 96 100
 61 191.1 145.5 218.3
 98 62.2 49.5 74.3

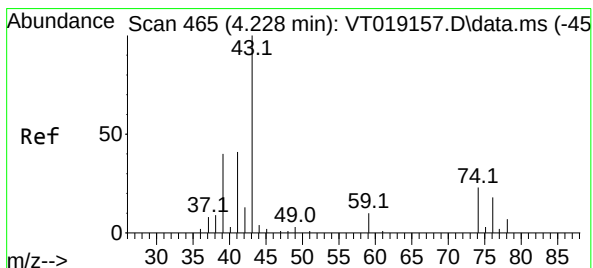
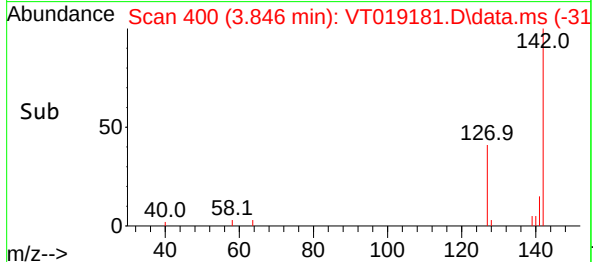
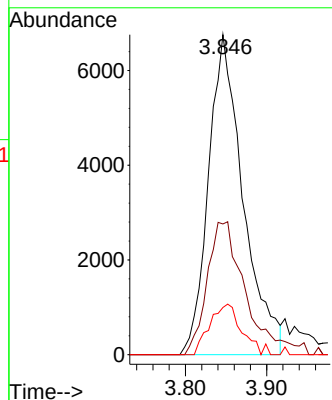
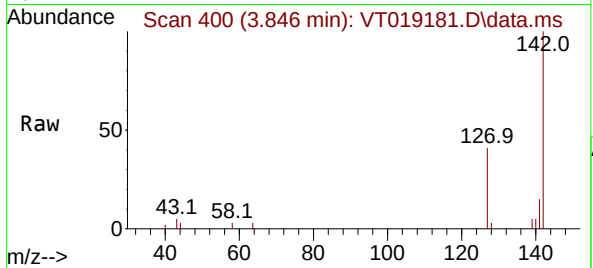




#11
Methyl Iodide
Concen: 19.945 ug/l
RT: 3.846 min Scan# 405
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

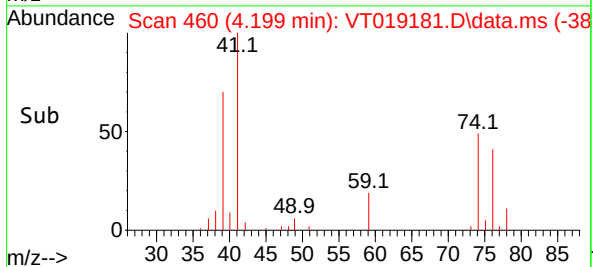
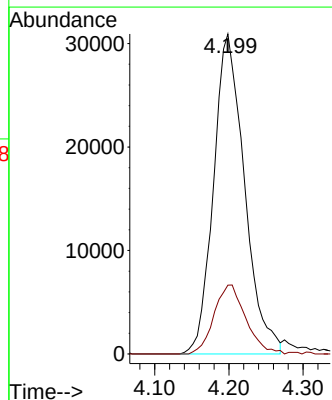
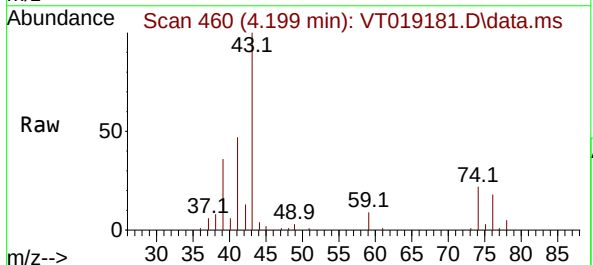
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

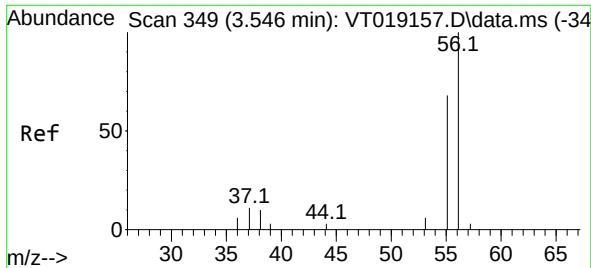
Tgt Ion:142 Resp: 20001
Ion Ratio Lower Upper
142 100
127 40.4 0.9 2.8#
141 15.4 55.5 166.5#



#12
Methyl Acetate
Concen: 22.012 ug/l
RT: 4.199 min Scan# 460
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 43 Resp: 89573
Ion Ratio Lower Upper
43 100
74 21.3 18.4 27.6





#13

Acrolein

Concen: 66.910 ug/l

RT: 3.523 min Scan# 34

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

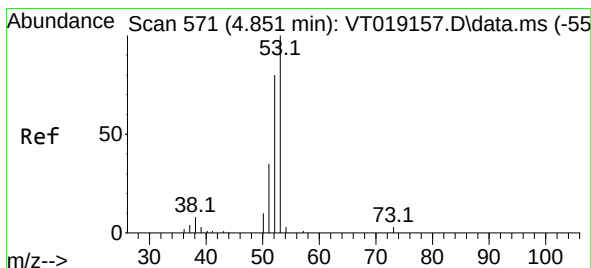
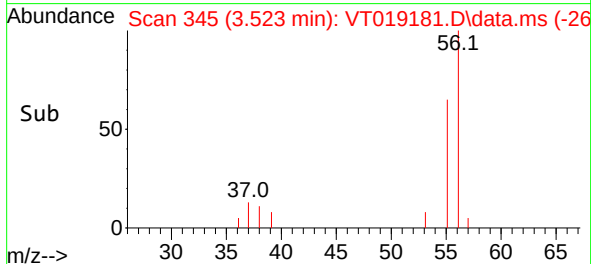
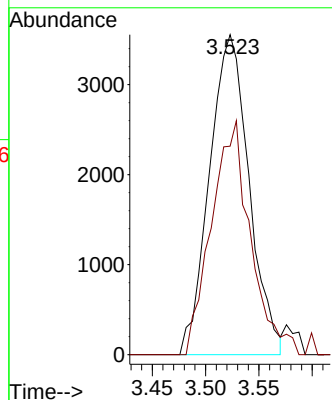
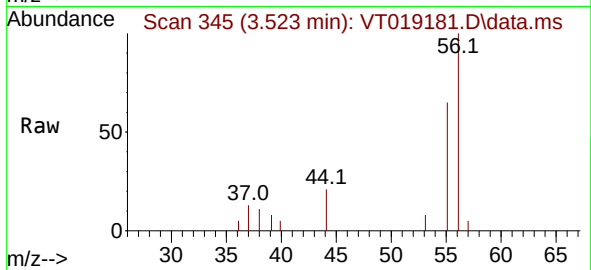
VSTDCCC020EC

Tgt Ion: 56 Resp: 9183

Ion Ratio Lower Upper

56 100

55 70.5 56.8 85.2



#14

Acrylonitrile

Concen: 93.744 ug/l

RT: 4.821 min Scan# 566

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

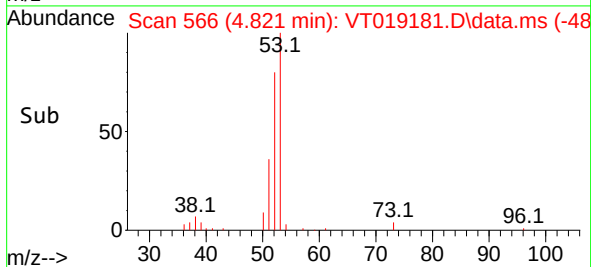
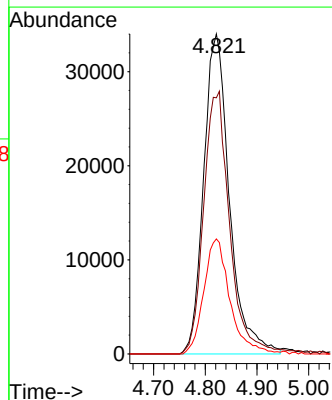
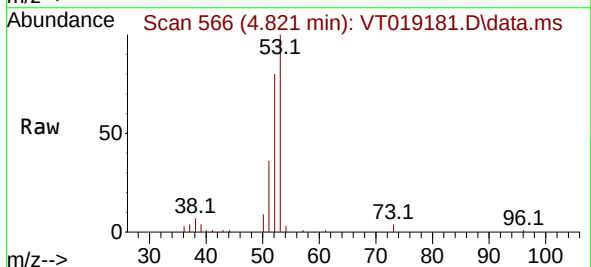
Tgt Ion: 53 Resp: 117582

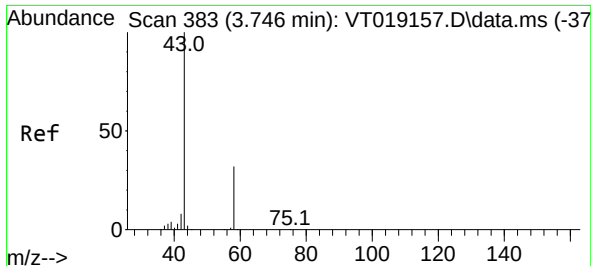
Ion Ratio Lower Upper

53 100

52 82.1 41.3 123.7

51 36.6 17.2 51.5

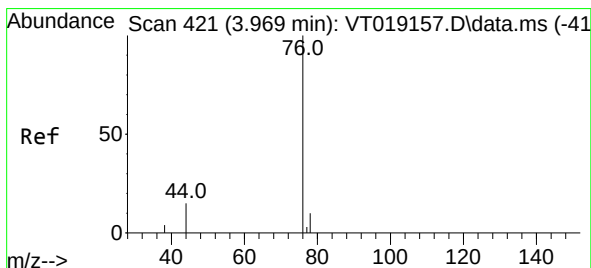
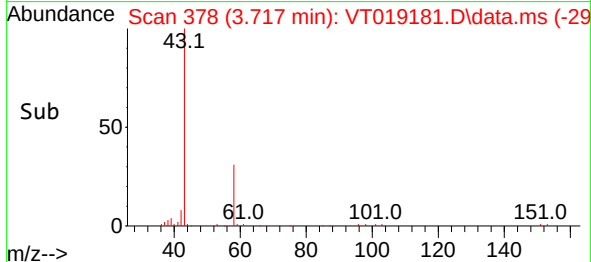
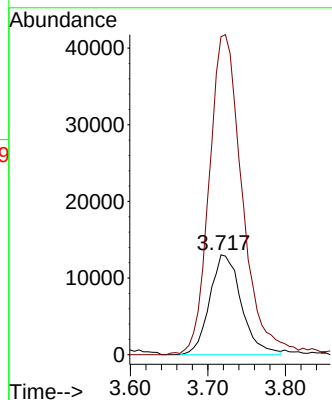
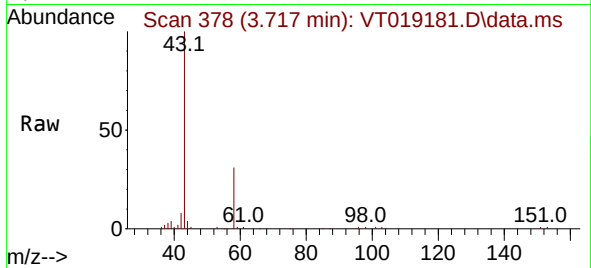




#15
Acetone
Concen: 82.726 ug/l
RT: 3.717 min Scan# 31
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

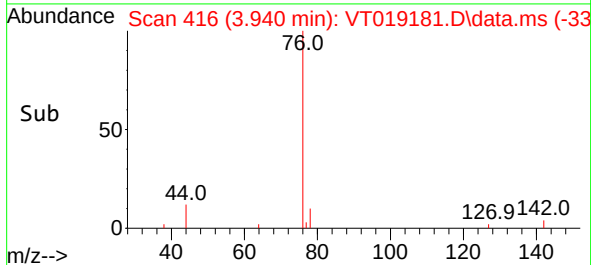
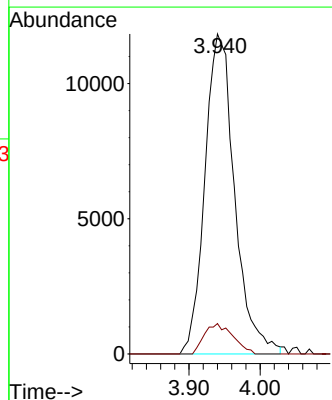
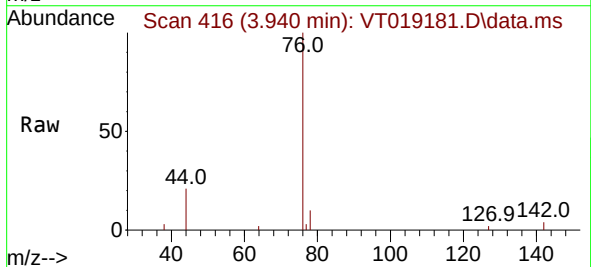
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

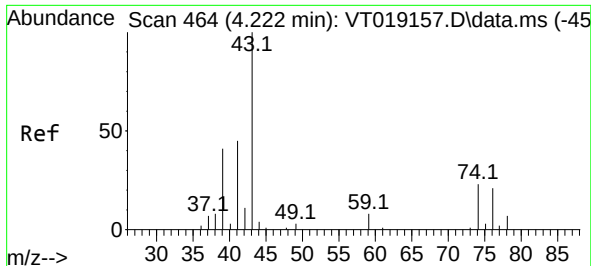
Tgt Ion: 58 Resp: 36969
Ion Ratio Lower Upper
58 100
43 317.1 266.9 400.3



#16
Carbon Disulfide
Concen: 17.932 ug/l
RT: 3.940 min Scan# 416
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 76 Resp: 34466
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





#17

Allyl chloride

Concen: 20.423 ug/l

RT: 4.199 min Scan# 4

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

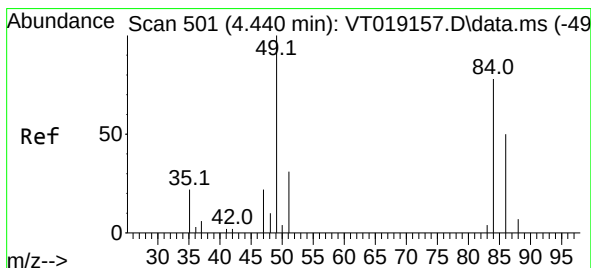
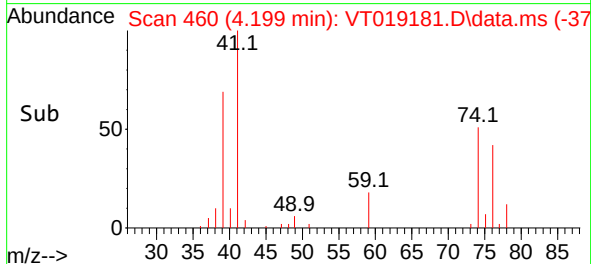
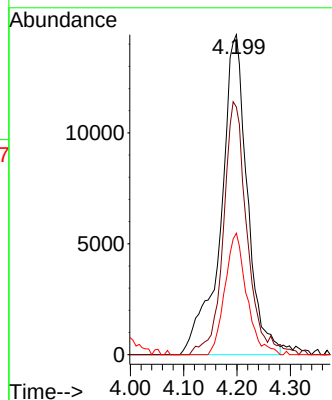
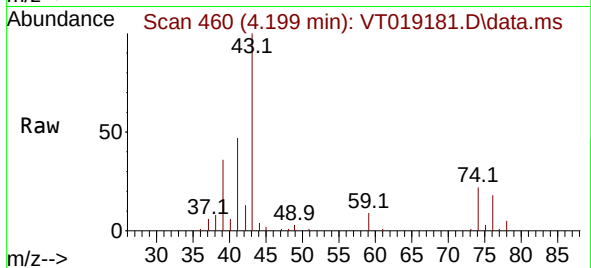
Tgt Ion: 41 Resp: 49960

Ion Ratio Lower Upper

41 100

39 77.4 34.3 102.8

76 38.0 16.7 50.0



#18

Methylene Chloride

Concen: 19.488 ug/l

RT: 4.404 min Scan# 495

Delta R.T. -0.024 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Tgt Ion: 84 Resp: 29911

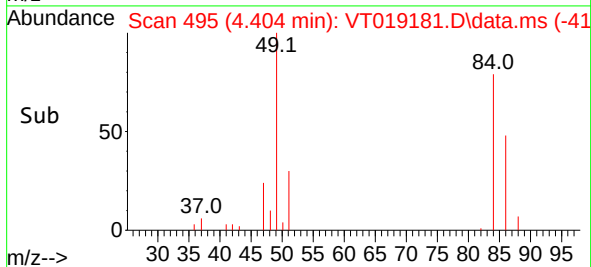
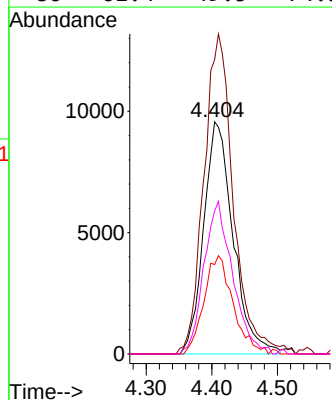
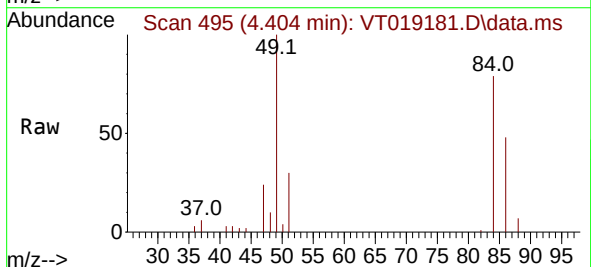
Ion Ratio Lower Upper

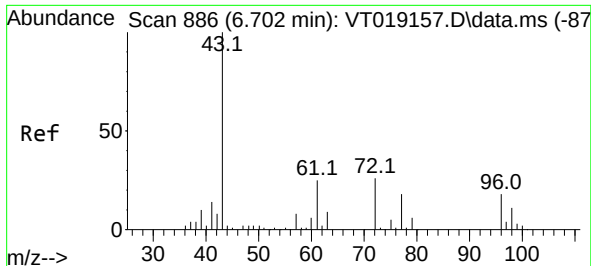
84 100

49 124.3 107.9 161.9

51 38.5 33.4 50.2

86 61.4 49.5 74.3

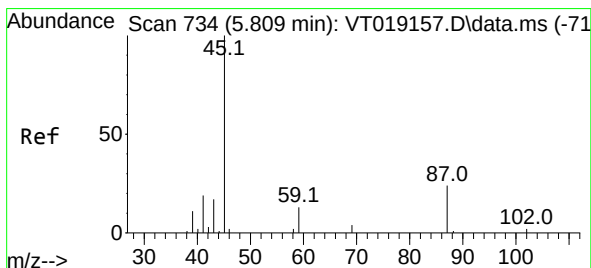
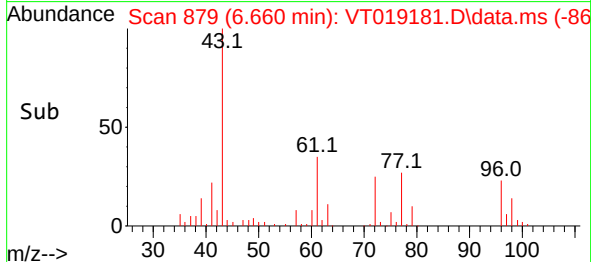
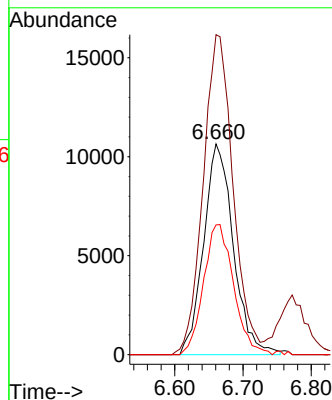
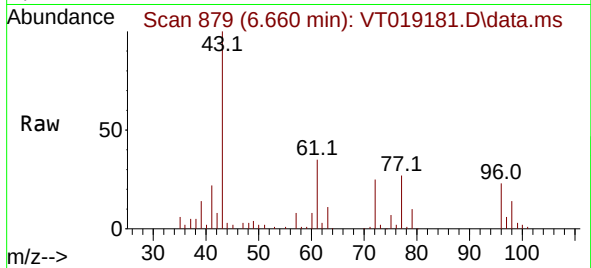




#19
trans-1,2-Dichloroethene
Concen: 20.390 ug/l
RT: 6.660 min Scan# 81
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

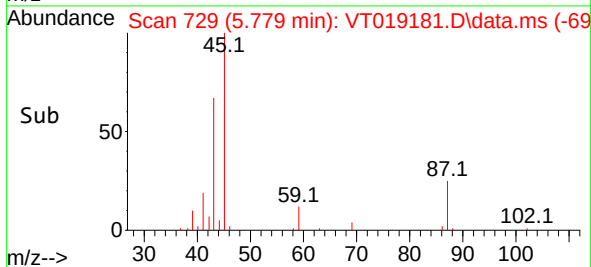
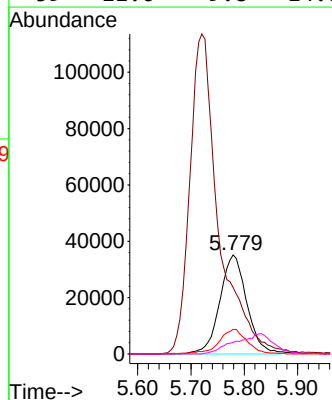
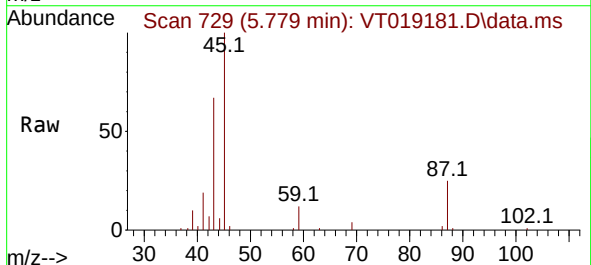
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

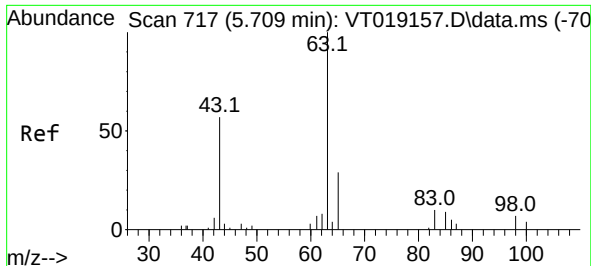
Tgt Ion: 96 Resp: 32282
Ion Ratio Lower Upper
96 100
61 149.2 122.3 183.5
98 61.6 50.2 75.2



#20
Diisopropyl ether
Concen: 19.783 ug/l
RT: 5.779 min Scan# 729
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 45 Resp: 123189
Ion Ratio Lower Upper
45 100
43 62.0 89.1 133.7#
87 24.2 21.3 31.9
59 11.6 9.8 14.8





#21

1,1-Dichloroethane

Concen: 19.522 ug/l

RT: 5.673 min Scan# 717

Delta R.T. -0.036 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

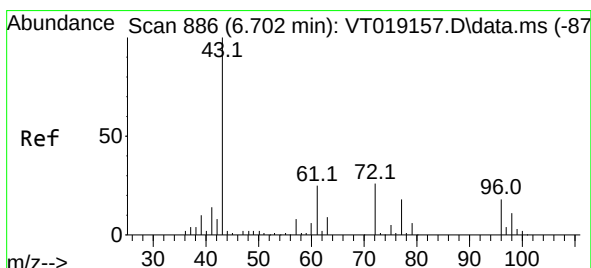
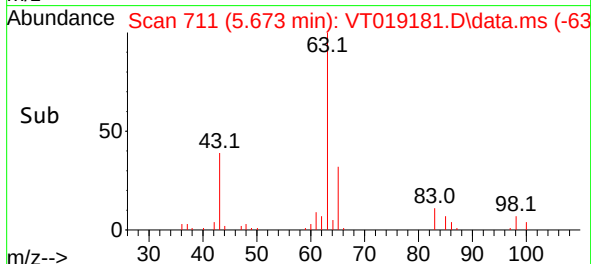
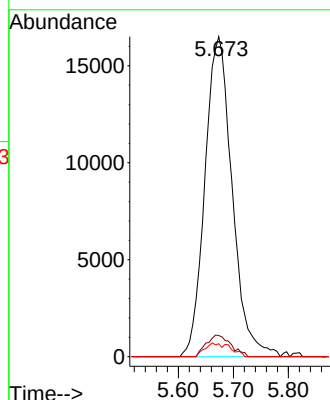
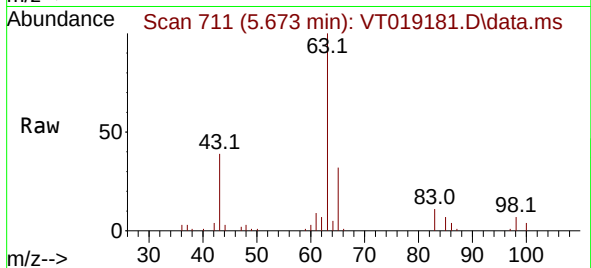
Tgt Ion: 63 Resp: 56803

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.1 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.390 ug/l

RT: 6.660 min Scan# 879

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

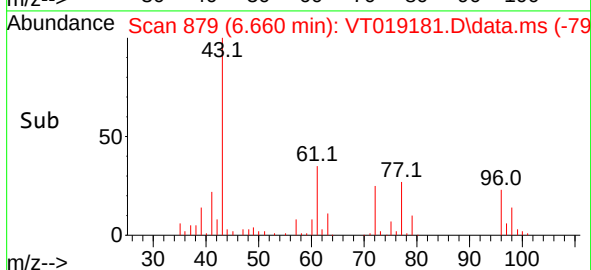
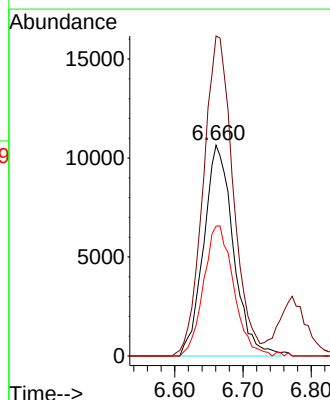
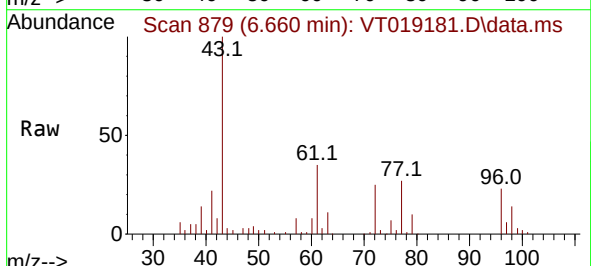
Tgt Ion: 96 Resp: 32282

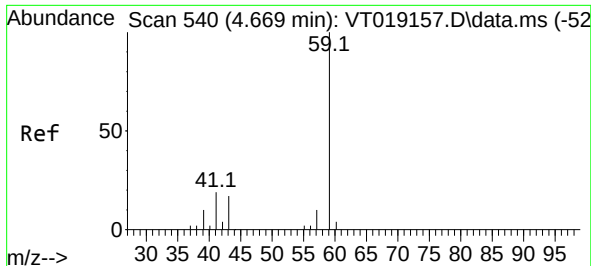
Ion Ratio Lower Upper

96 100

61 152.2 120.0 180.0

98 62.3 52.8 79.2

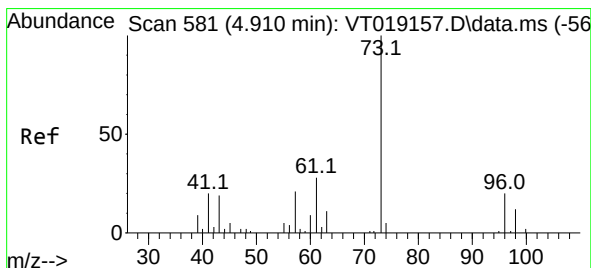
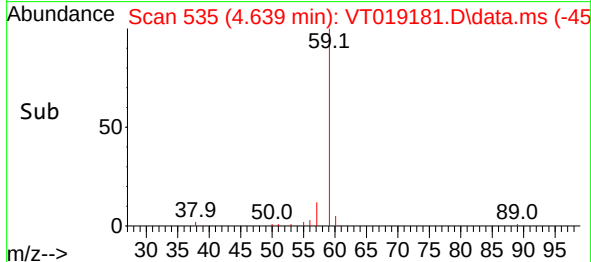
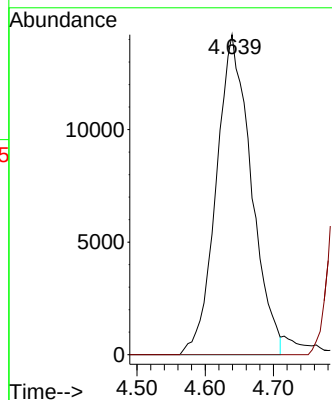
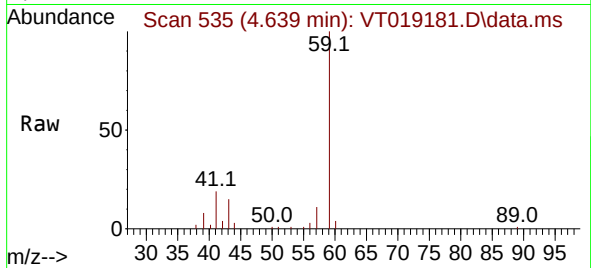




#23
tert-Butyl Alcohol
Concen: 92.428 ug/l
RT: 4.639 min Scan# 51
Delta R.T. -0.036 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

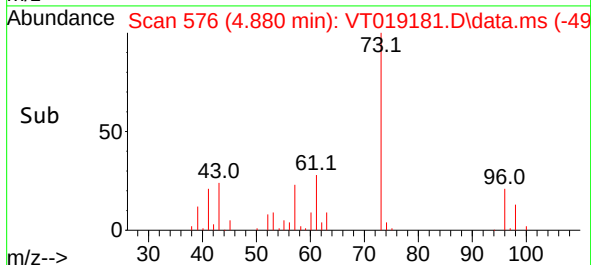
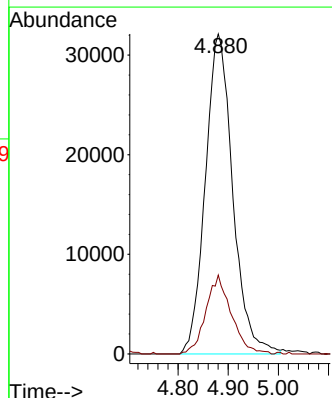
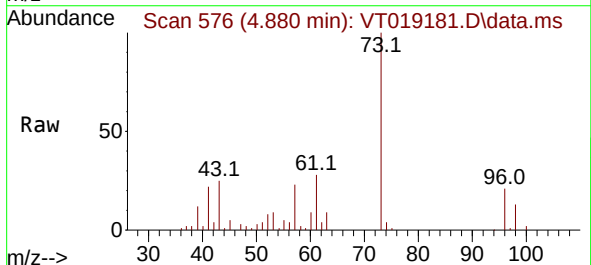
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

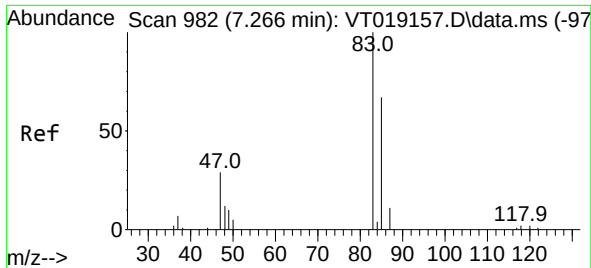
Tgt Ion: 59 Resp: 50791
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 19.713 ug/l
RT: 4.880 min Scan# 576
Delta R.T. -0.041 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 73 Resp: 121894
Ion Ratio Lower Upper
73 100
43 22.8 16.9 25.3

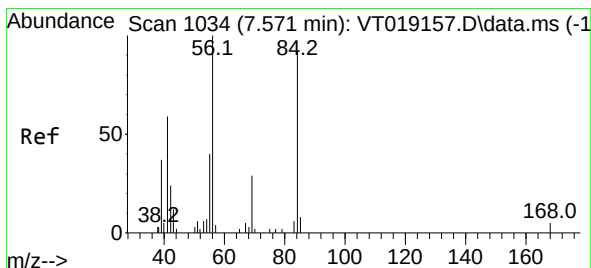
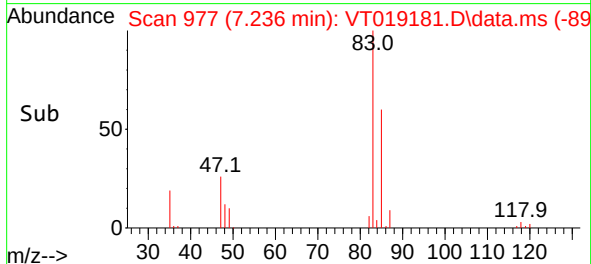
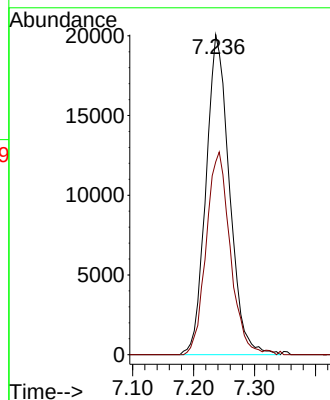
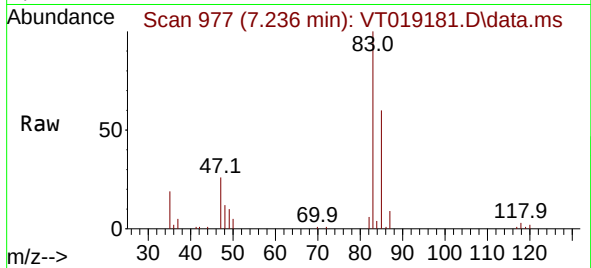




#25
Chloroform
Concen: 20.155 ug/l
RT: 7.236 min Scan# 91
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

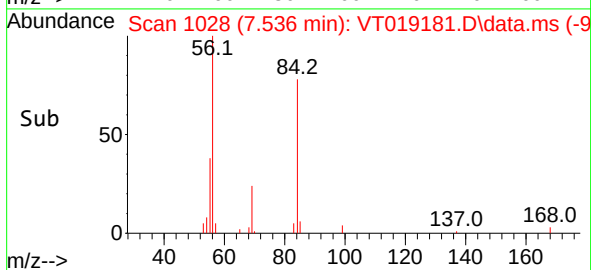
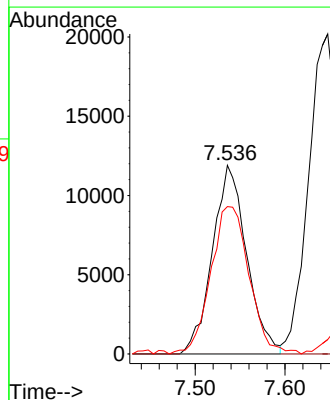
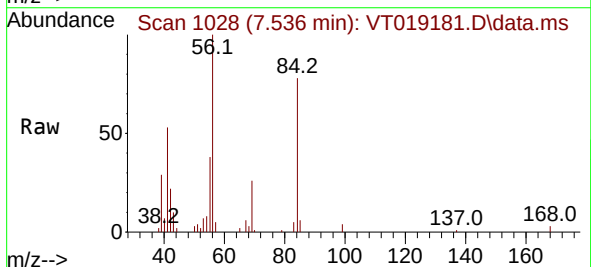
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

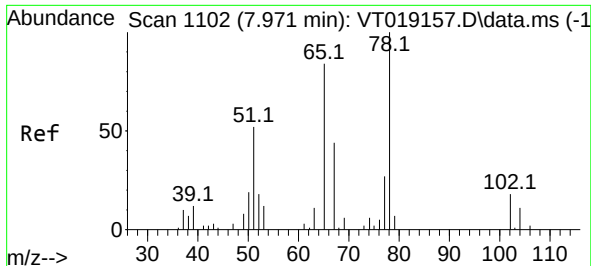
Tgt Ion: 83 Resp: 53646
Ion Ratio Lower Upper
83 100
85 60.2 48.0 72.0



#26
Cyclohexane
Concen: 18.436 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 56 Resp: 31479
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.0 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 29.582 ug/l

RT: 7.941 min Scan# 1102

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

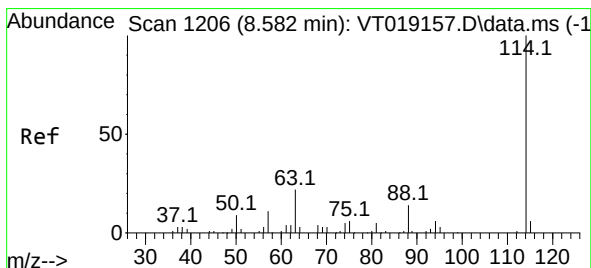
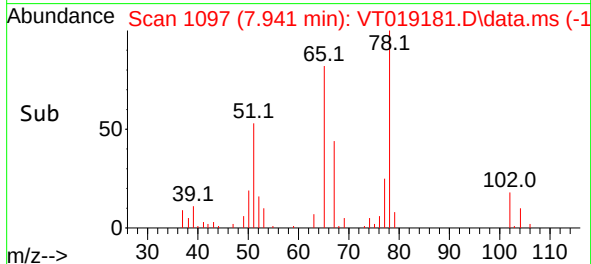
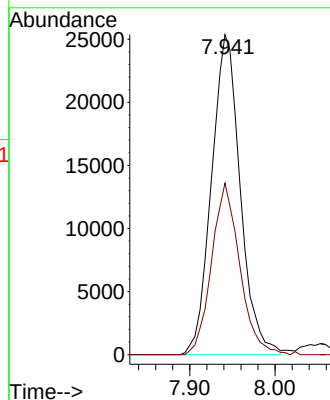
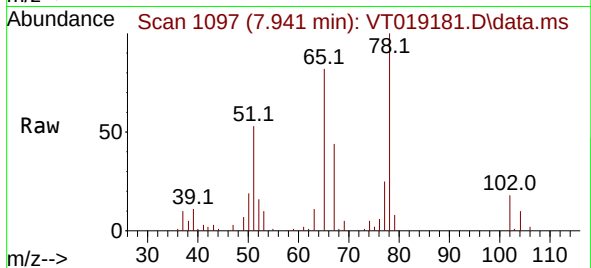
VSTDCCC020EC

Tgt Ion: 65 Resp: 59392

Ion Ratio Lower Upper

65 100

67 52.5 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.552 min Scan# 1201

Delta R.T. -0.024 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

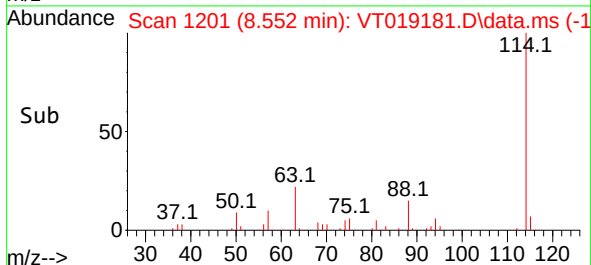
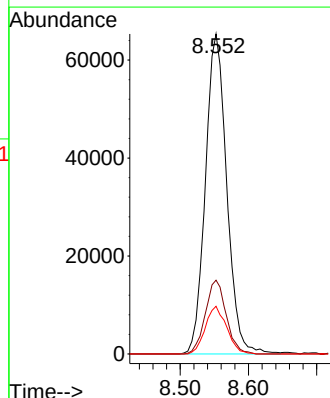
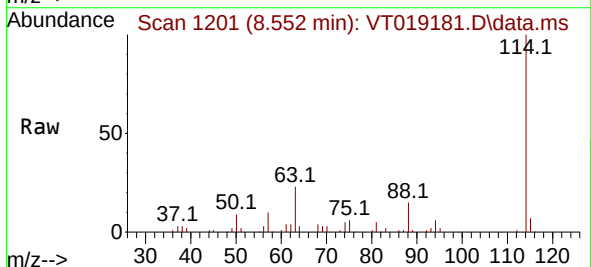
Tgt Ion: 114 Resp: 142341

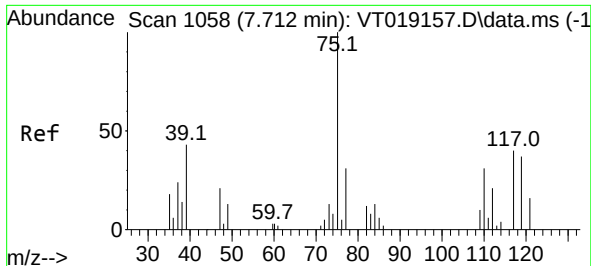
Ion Ratio Lower Upper

114 100

63 22.5 17.4 26.0

88 14.9 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.534 ug/l

RT: 7.683 min Scan# 1053

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

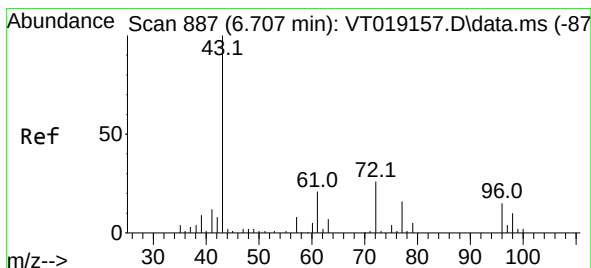
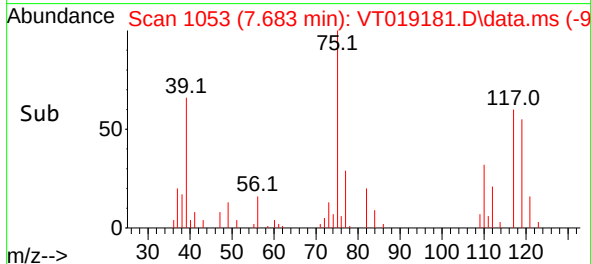
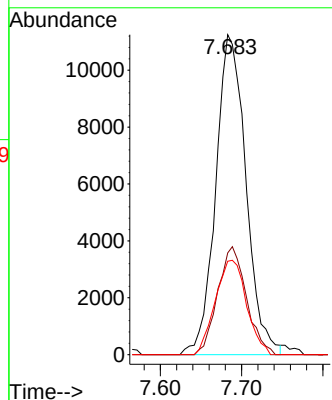
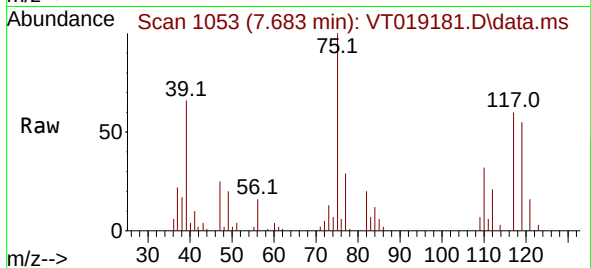
Tgt Ion: 75 Resp: 29095

Ion Ratio Lower Upper

75 100

110 32.2 0.0 70.8

77 30.4 0.0 61.6



#30

2-Butanone

Concen: 89.095 ug/l

RT: 6.672 min Scan# 881

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

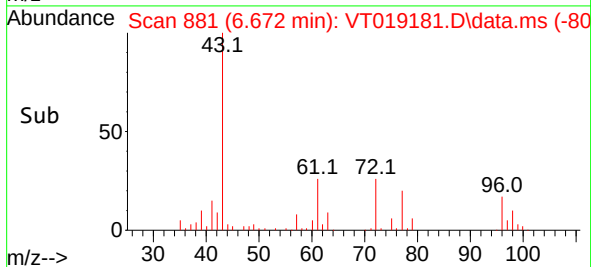
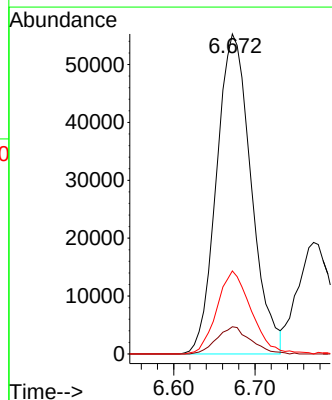
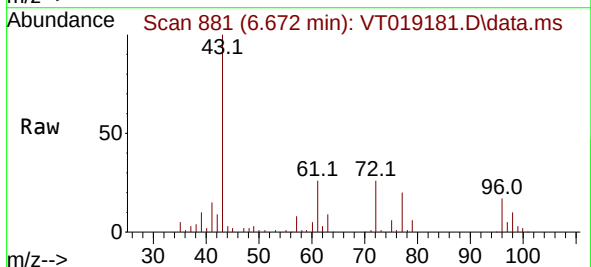
Tgt Ion: 43 Resp: 163568

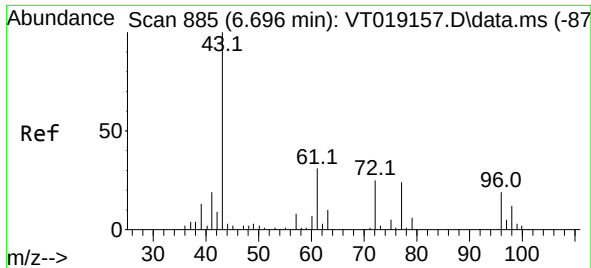
Ion Ratio Lower Upper

43 100

57 8.3 5.9 8.9

72 25.4 20.2 30.2

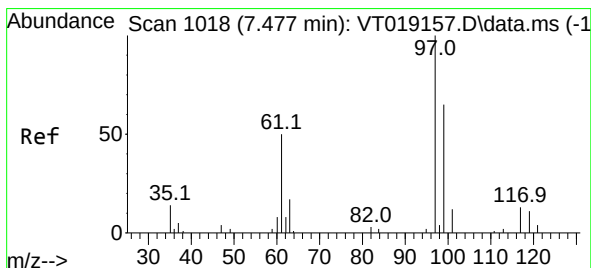
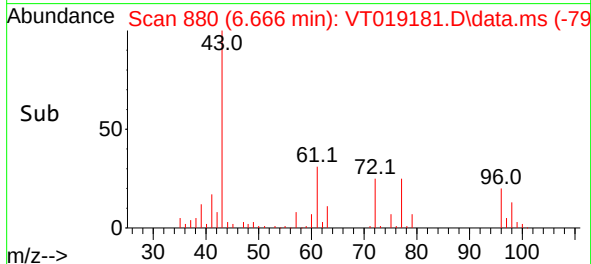
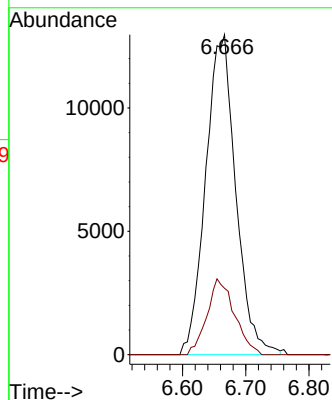
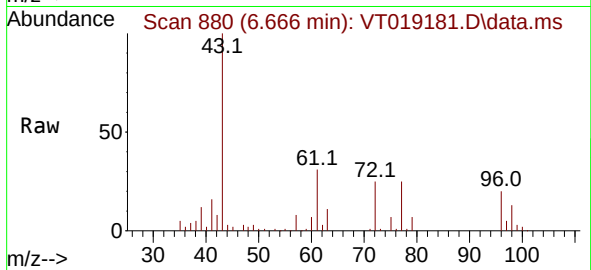




#31
2,2-Dichloropropane
Concen: 19.653 ug/l
RT: 6.666 min Scan# 880
Delta R.T. -0.018 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

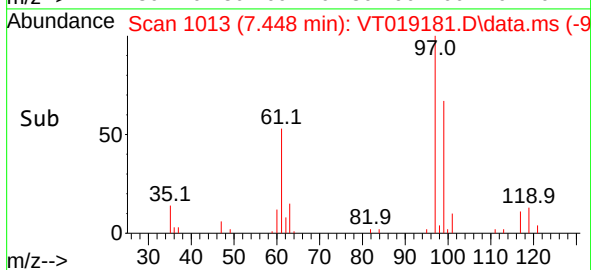
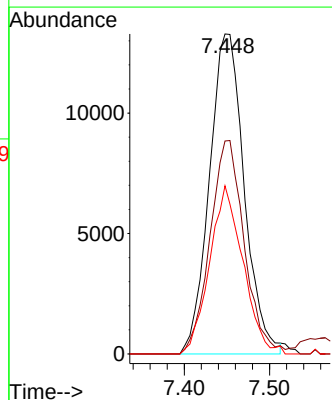
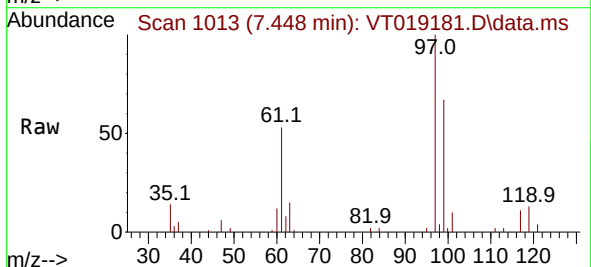
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

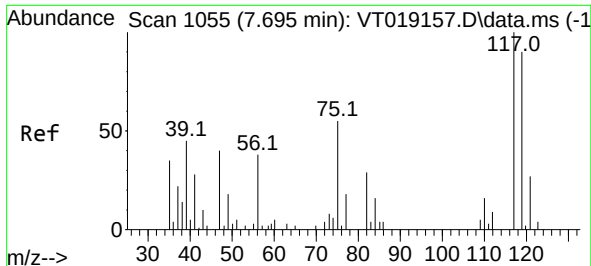
Tgt Ion: 77 Resp: 42859
Ion Ratio Lower Upper
77 100
97 21.7 14.5 21.7



#32
1,1,1-Trichloroethane
Concen: 20.116 ug/l
RT: 7.448 min Scan# 1013
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 97 Resp: 37748
Ion Ratio Lower Upper
97 100
99 65.5 30.0 45.0#
61 49.8 36.1 54.1

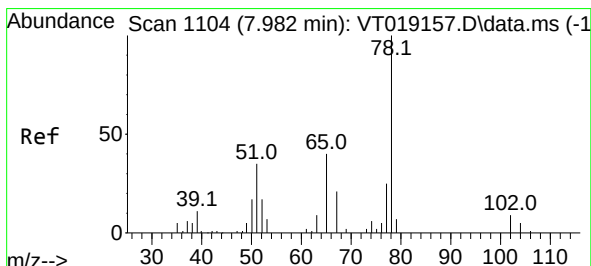
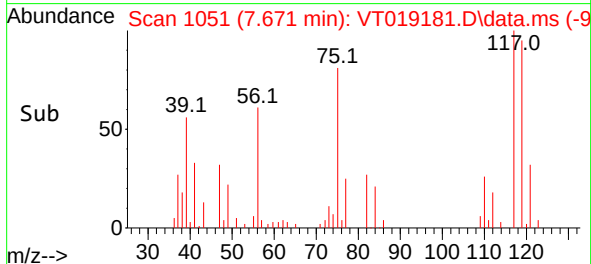
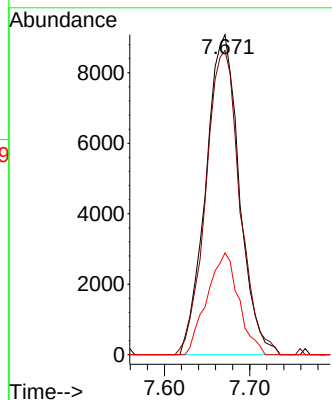
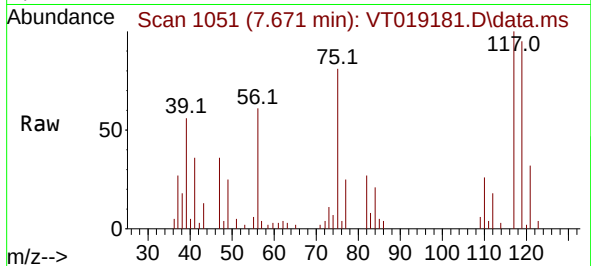




#33
Carbon Tetrachloride
Concen: 20.616 ug/l
RT: 7.671 min Scan# 1099
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

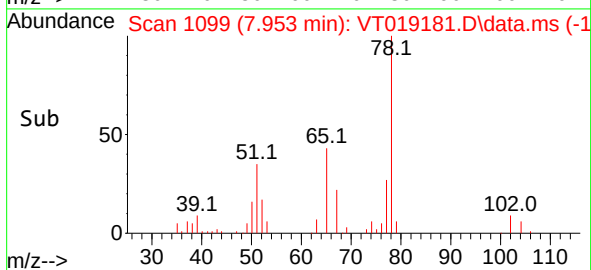
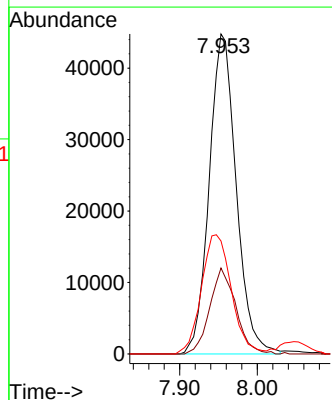
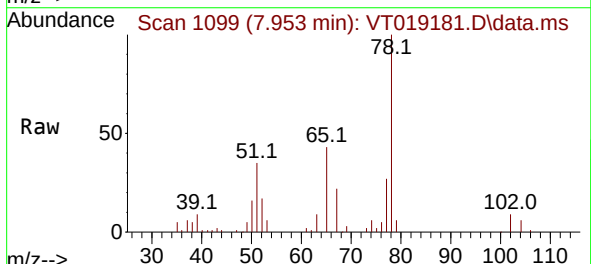
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

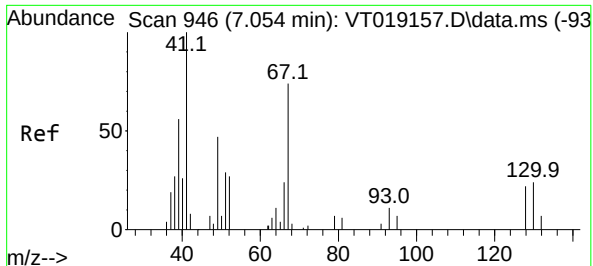
Tgt Ion:117 Resp: 24787
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
121 31.8 0.5 0.7#



#34
Benzene
Concen: 19.645 ug/l
RT: 7.953 min Scan# 1099
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 78 Resp: 108407
Ion Ratio Lower Upper
78 100
77 26.8 17.6 26.4#
51 34.3 13.8 20.6#





#35

Methacrylonitrile

Concen: 18.264 ug/l

RT: 7.019 min Scan# 946

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 28541

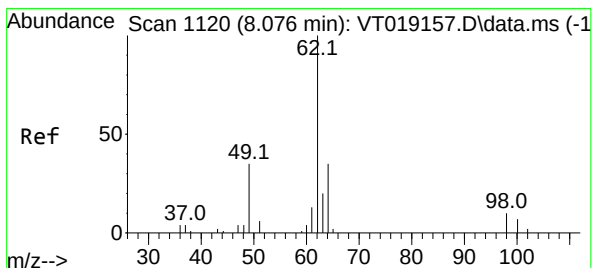
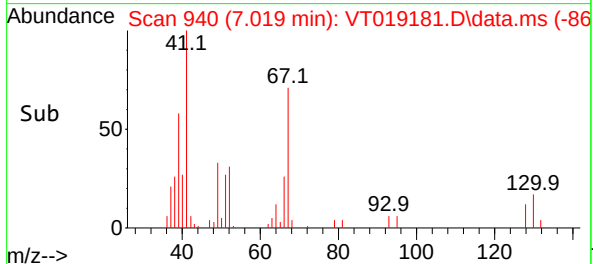
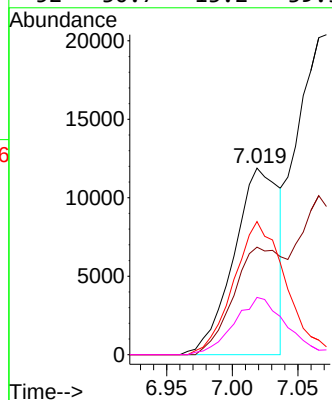
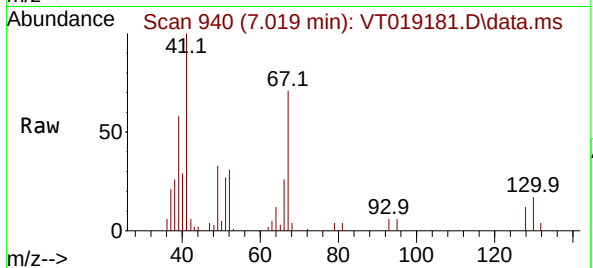
Ion Ratio Lower Upper

41 100

39 57.7 26.2 78.5

67 71.4 31.4 94.3

52 30.7 13.2 39.5



#36

1,2-Dichloroethane

Concen: 19.816 ug/l

RT: 8.047 min Scan# 1115

Delta R.T. -0.024 min

Lab File: VT019181.D

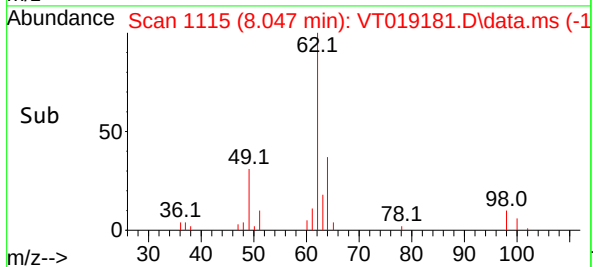
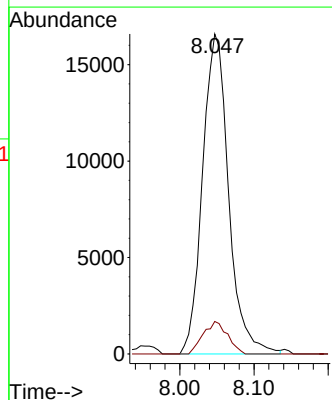
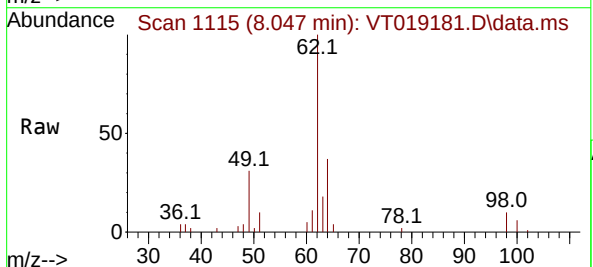
Acq: 24 Oct 2025 15:53

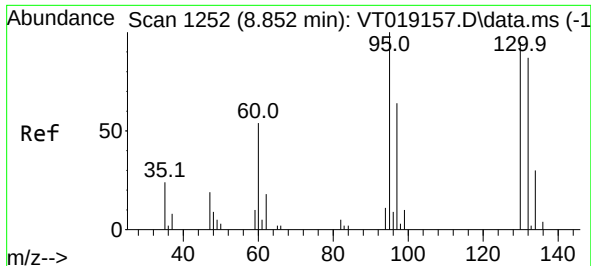
Tgt Ion: 62 Resp: 40538

Ion Ratio Lower Upper

62 100

98 9.5 6.7 10.1

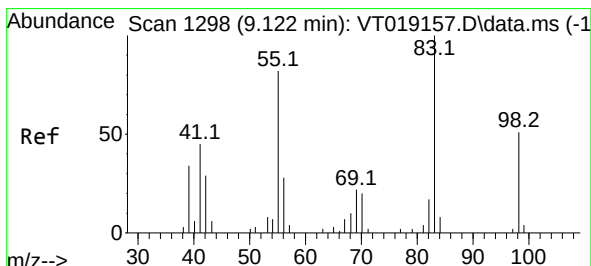
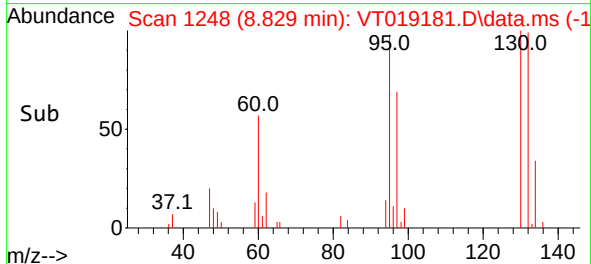
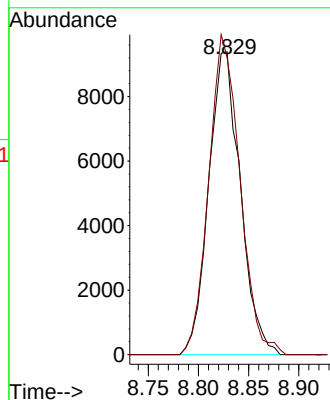
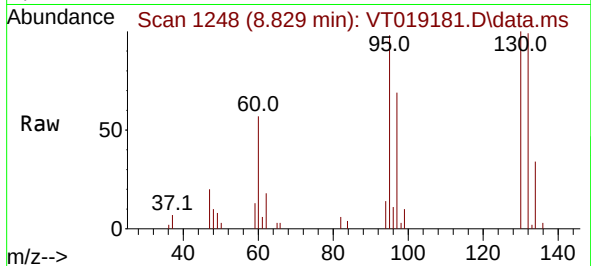




#37
Trichloroethene
Concen: 20.273 ug/l
RT: 8.829 min Scan# 1248
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

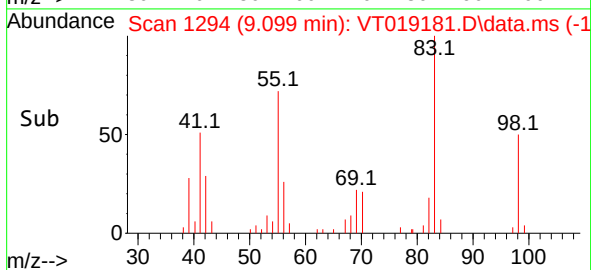
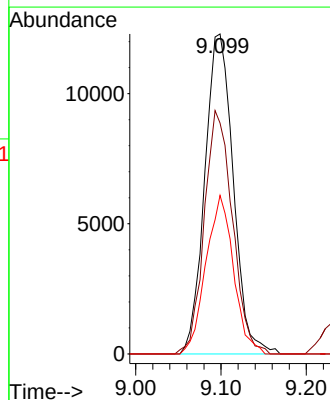
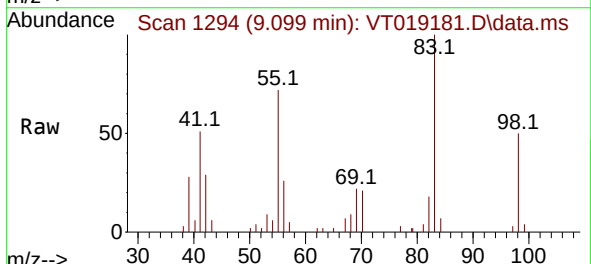
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

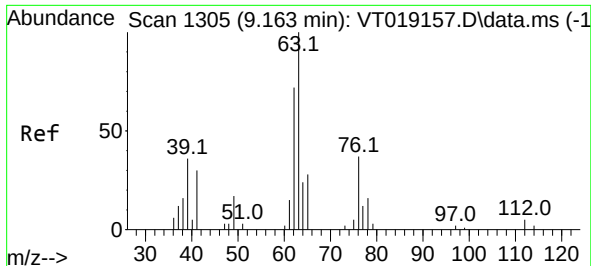
Tgt Ion:130 Resp: 20580
Ion Ratio Lower Upper
130 100
95 98.1 79.4 119.2



#38
Methylcyclohexane
Concen: 19.040 ug/l
RT: 9.099 min Scan# 1294
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 83 Resp: 28559
Ion Ratio Lower Upper
83 100
55 75.1 40.3 120.8
98 48.0 24.3 72.9





#39

1,2-Dichloropropane

Concen: 20.109 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

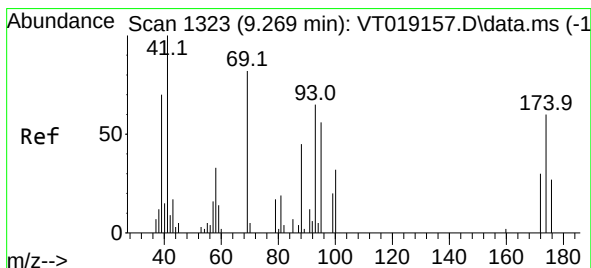
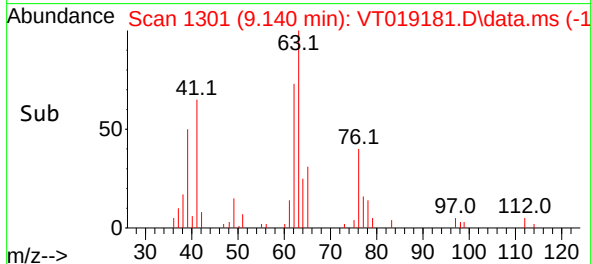
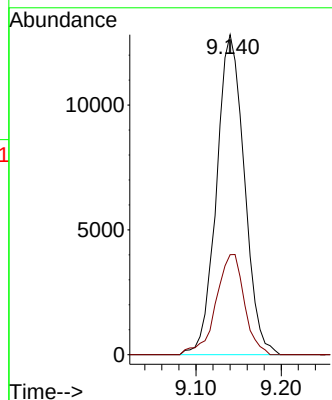
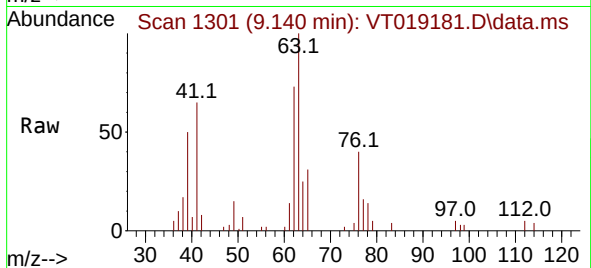
VSTDCCC020EC

Tgt Ion: 63 Resp: 29062

Ion Ratio Lower Upper

63 100

65 31.3 19.8 29.6#



#40

Dibromomethane

Concen: 20.259 ug/l

RT: 9.240 min Scan# 1318

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

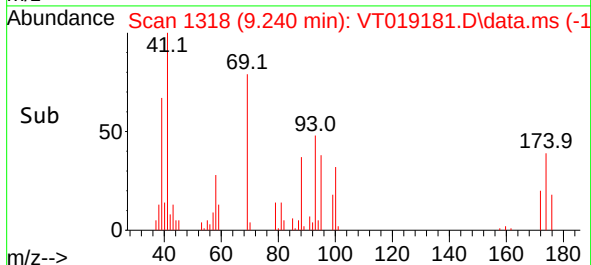
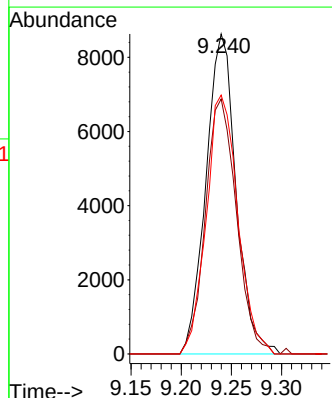
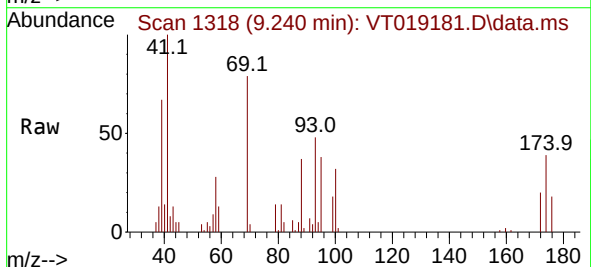
Tgt Ion: 93 Resp: 18053

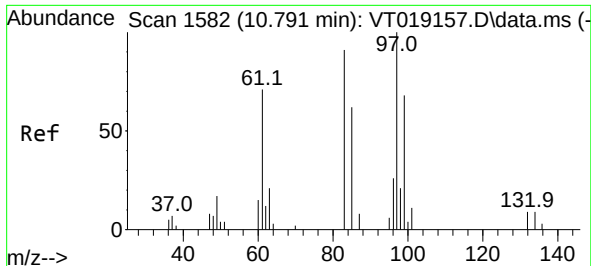
Ion Ratio Lower Upper

93 100

95 81.9 0.0 166.2

174 84.5 0.0 26.4#

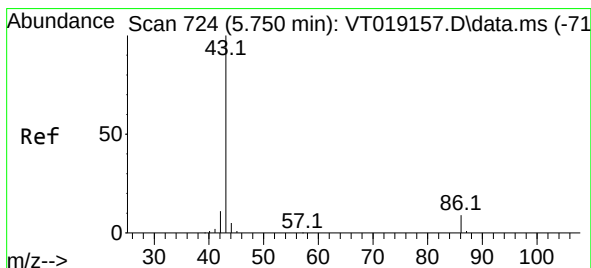
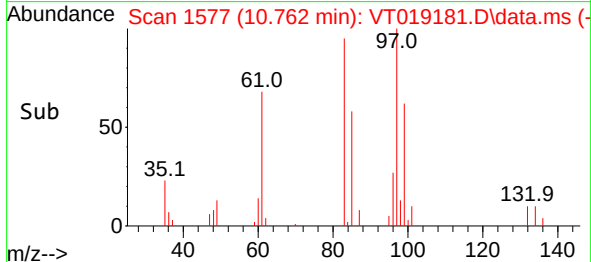
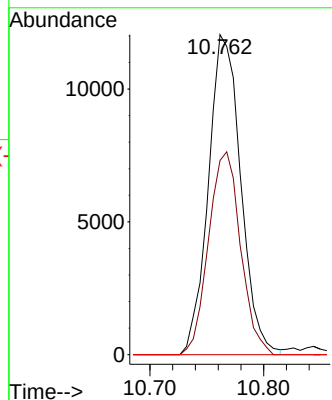
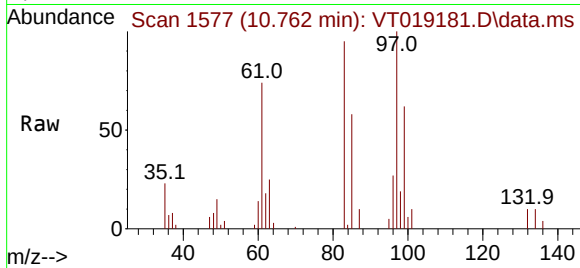




#41
Bromodichloromethane
Concen: 20.842 ug/l
RT: 10.762 min Scan# 11
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

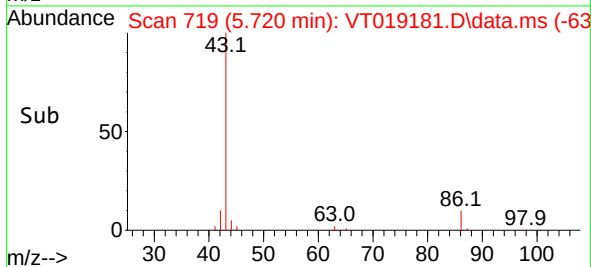
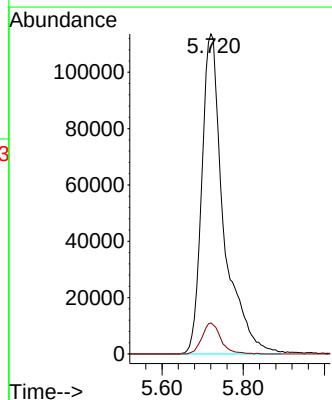
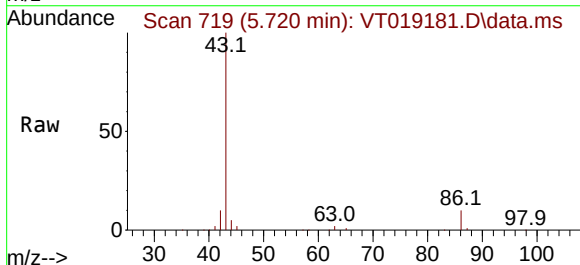
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

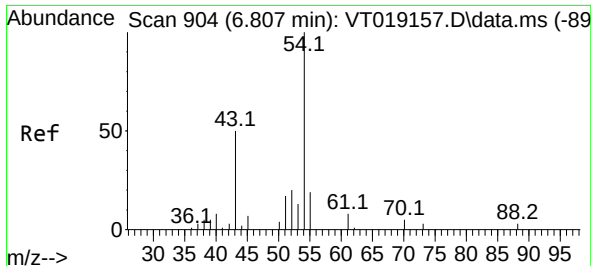
Tgt Ion: 83 Resp: 23857
Ion Ratio Lower Upper
83 100
85 60.7 47.2 70.8
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 94.488 ug/l
RT: 5.720 min Scan# 719
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 43 Resp: 425603
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3

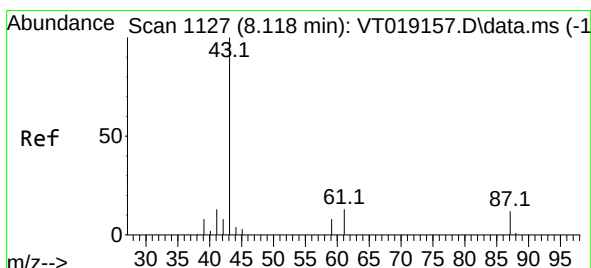
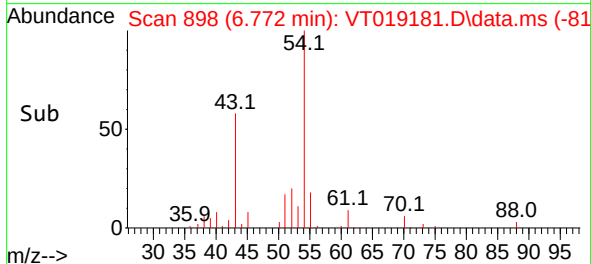
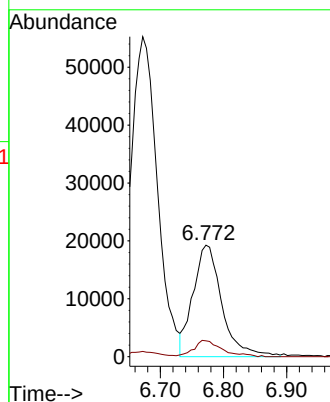
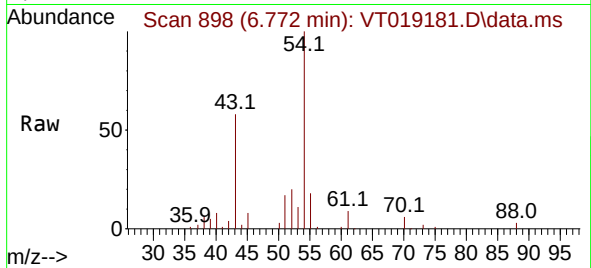




#43
Ethyl Acetate
Concen: 20.228 ug/l
RT: 6.772 min Scan# 89
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

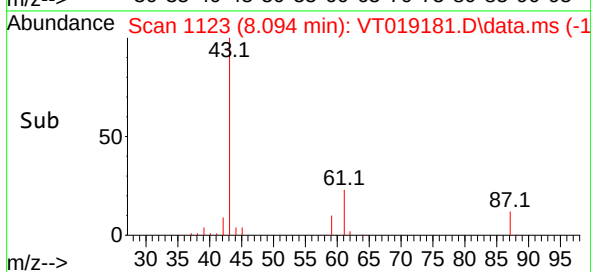
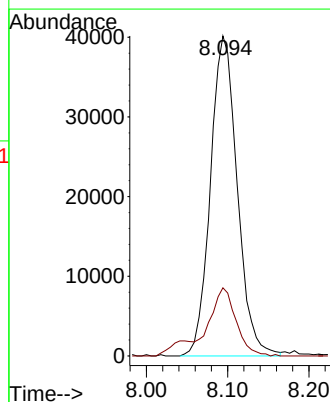
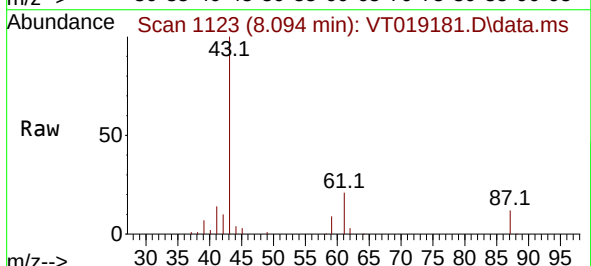
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

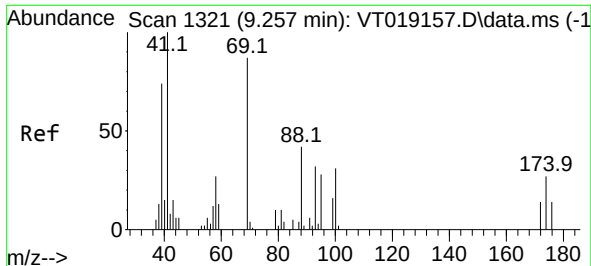
Tgt Ion: 43 Resp: 61045
Ion Ratio Lower Upper
43 100
45 11.6 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.398 ug/l
RT: 8.094 min Scan# 1123
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 43 Resp: 92137
Ion Ratio Lower Upper
43 100
61 20.5 14.7 22.1

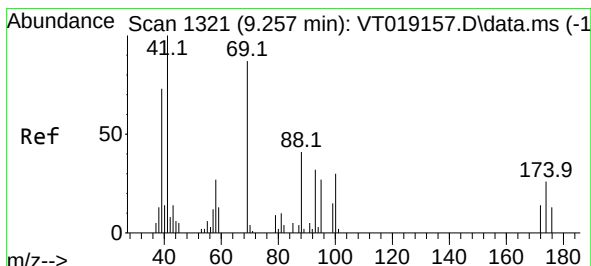
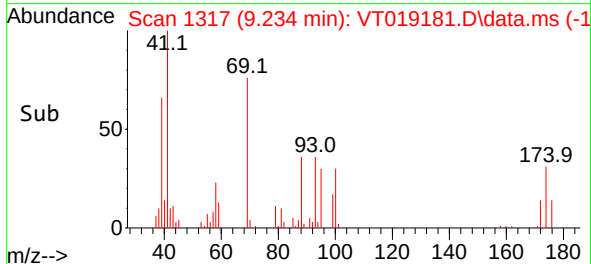
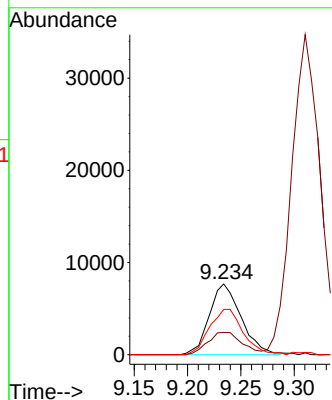
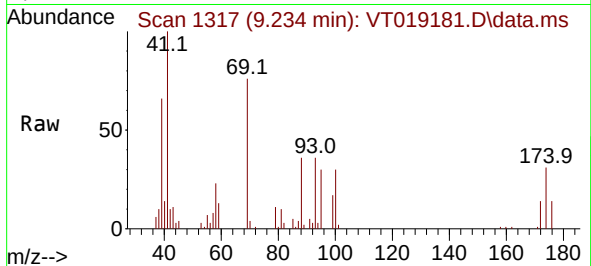




#45
1,4-Dioxane
Concen: 386.327 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.035 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

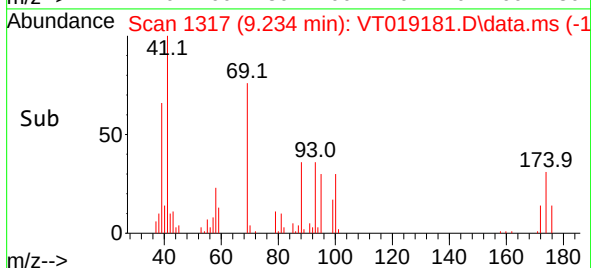
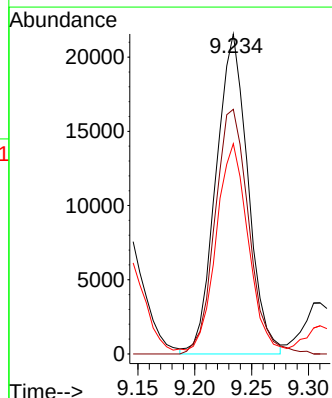
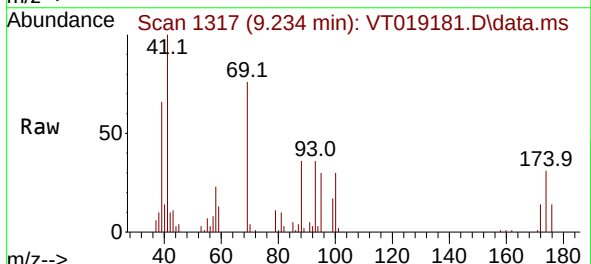
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

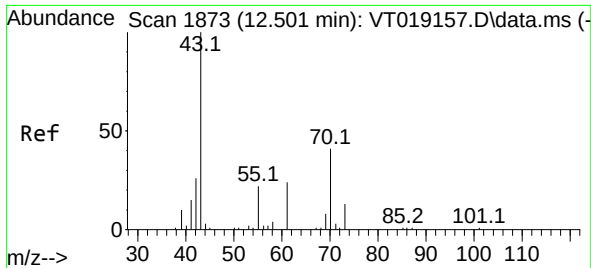
Tgt Ion: 88 Resp: 15919
Ion Ratio Lower Upper
88 100
43 34.1 30.2 45.2
58 67.1 33.3 49.9#



#46
Methyl methacrylate
Concen: 19.853 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 41 Resp: 42164
Ion Ratio Lower Upper
41 100
69 77.7 35.8 107.3
39 65.2 24.4 73.4





#47

n-amy1 Acetate

Concen: 19.673 ug/l

RT: 12.471 min Scan# 11

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

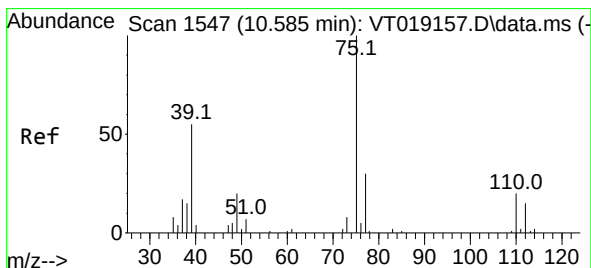
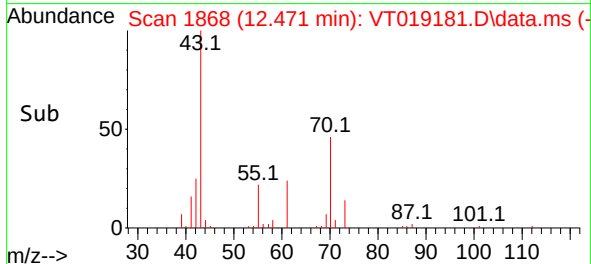
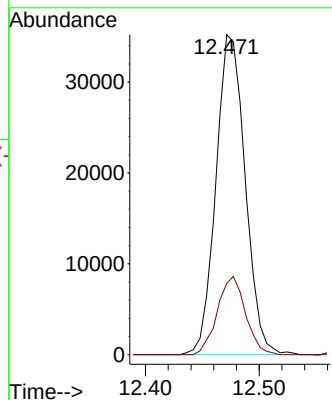
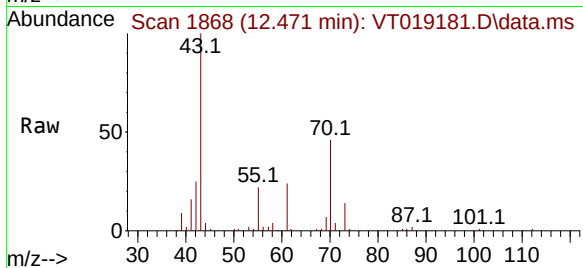
VSTDCCC020EC

Tgt Ion: 43 Resp: 62879

Ion Ratio Lower Upper

43 100

55 23.5 18.4 27.6



#48

t-1,3-Dichloropropene

Concen: 20.436 ug/l

RT: 10.562 min Scan# 1543

Delta R.T. -0.023 min

Lab File: VT019181.D

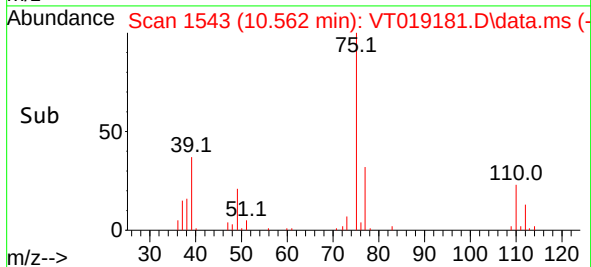
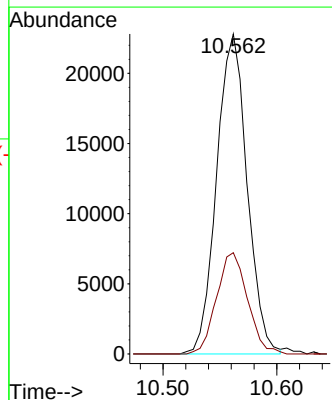
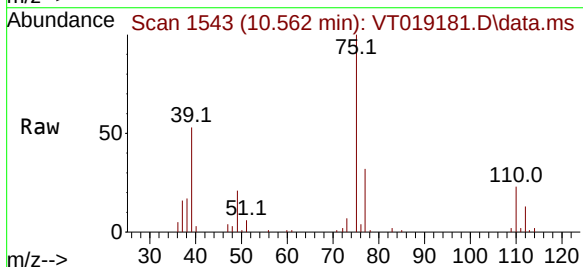
Acq: 24 Oct 2025 15:53

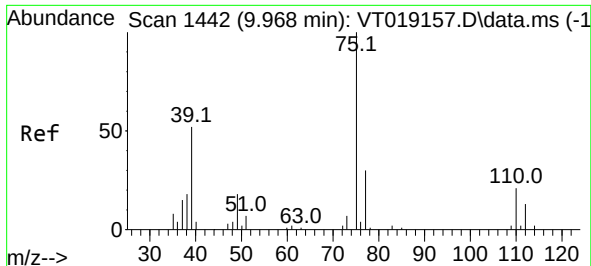
Tgt Ion: 75 Resp: 42444

Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 20.734 ug/l

RT: 9.951 min Scan# 1442

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

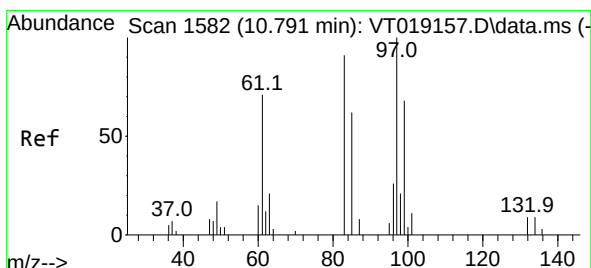
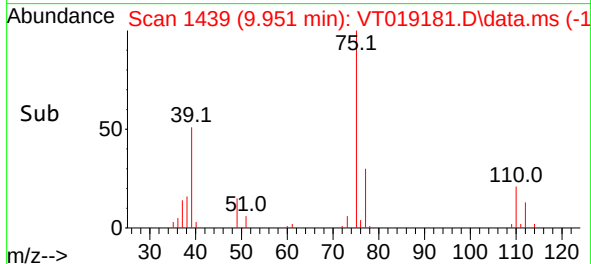
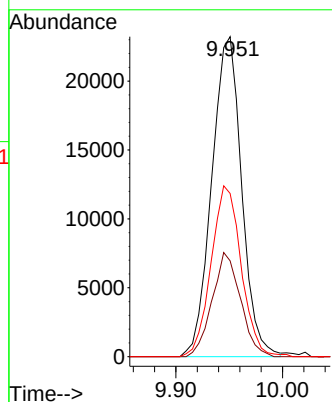
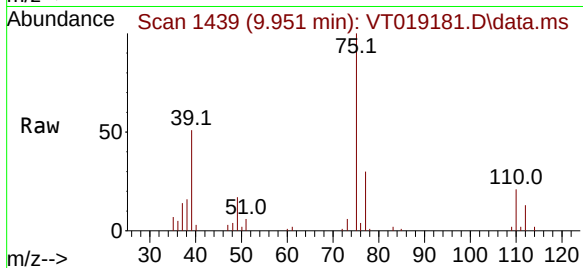
Tgt Ion: 75 Resp: 45238

Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 51.0 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 20.477 ug/l

RT: 10.767 min Scan# 1578

Delta R.T. -0.024 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Tgt Ion: 97 Resp: 26839

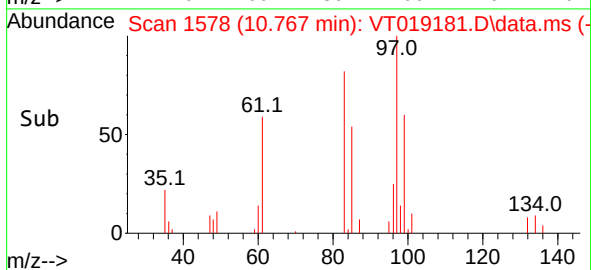
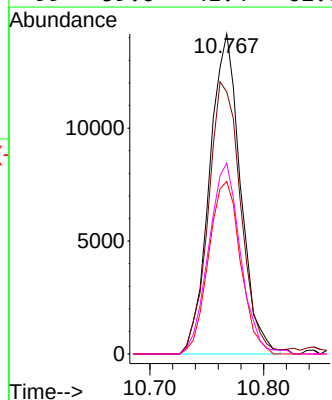
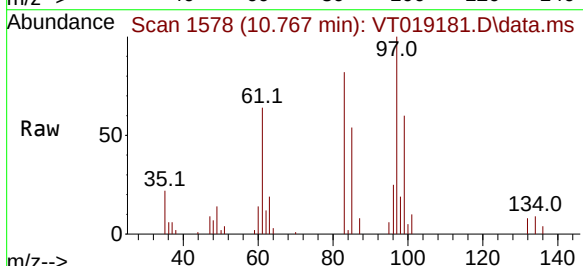
Ion Ratio Lower Upper

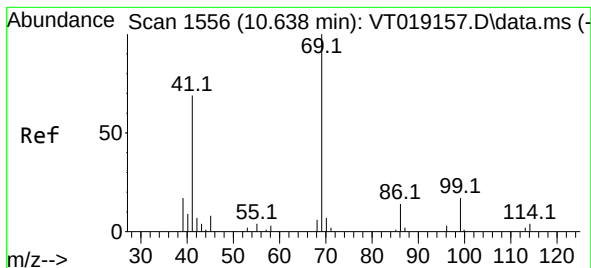
97 100

83 81.9 58.3 87.5

85 53.9 36.5 54.7

99 59.6 41.4 62.0

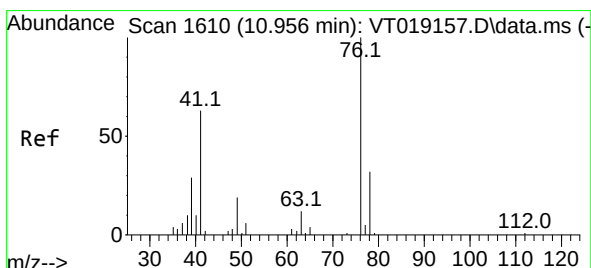
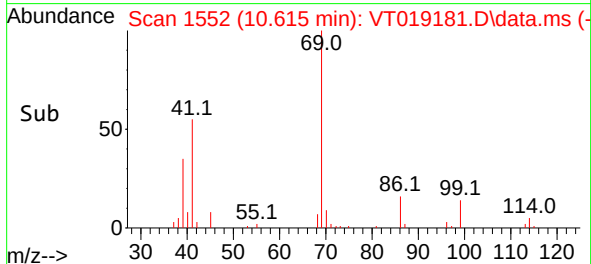
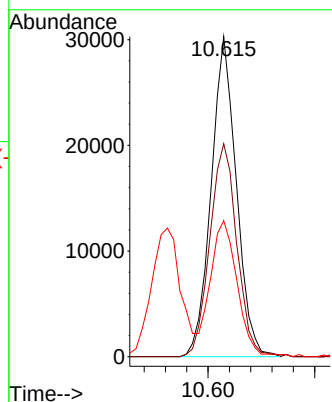
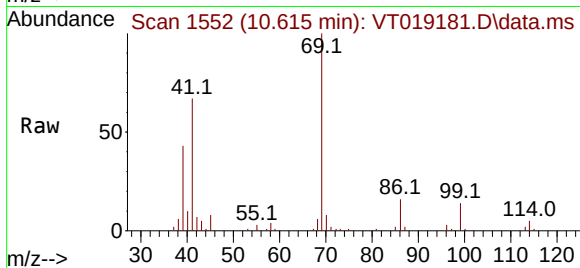




#51
Ethyl methacrylate
Concen: 20.219 ug/l
RT: 10.615 min Scan# 1552
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

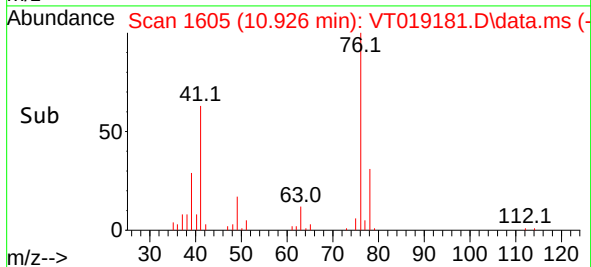
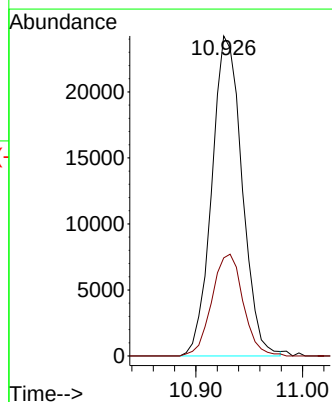
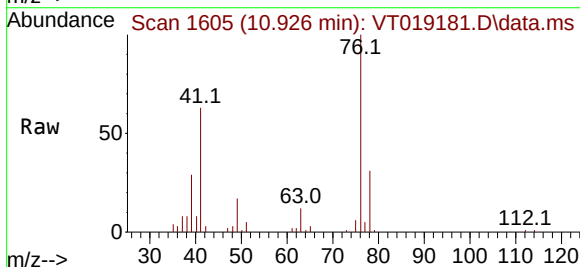
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

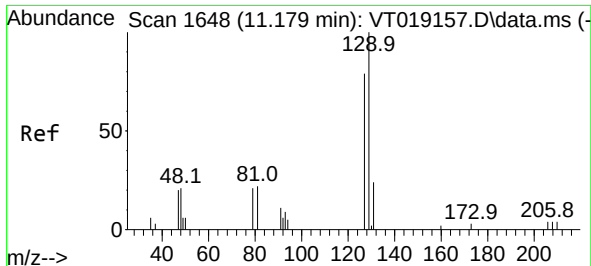
Tgt Ion: 69 Resp: 49663
Ion Ratio Lower Upper
69 100
41 66.6 35.0 105.1
39 41.9 19.5 58.5



#52
1,3-Dichloropropane
Concen: 20.406 ug/l
RT: 10.926 min Scan# 1605
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 76 Resp: 47769
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6

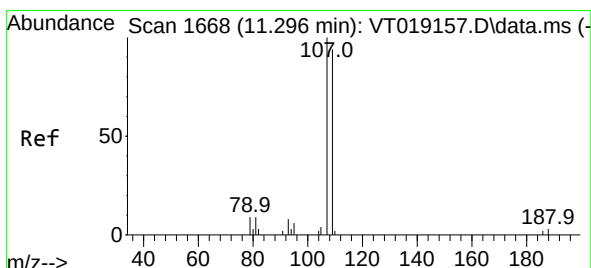
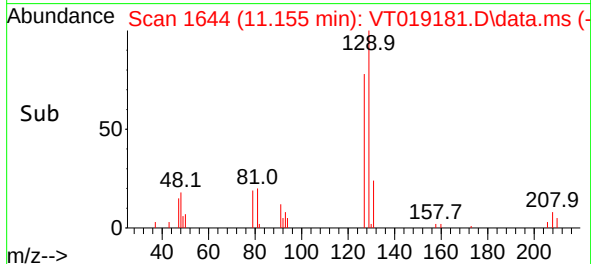
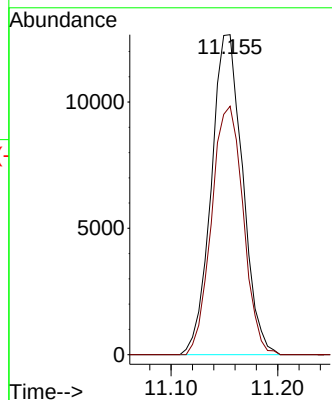
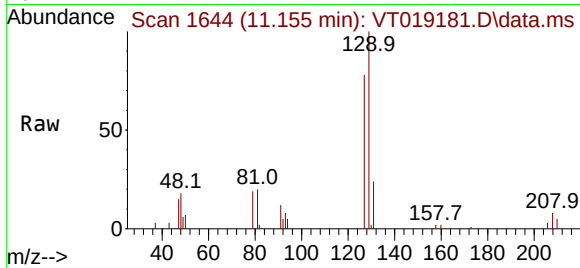




#53
Dibromochloromethane
Concen: 21.144 ug/l
RT: 11.155 min Scan# 1644
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

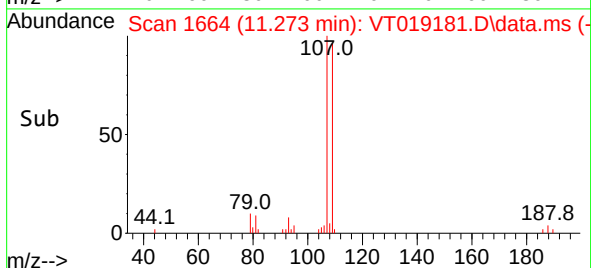
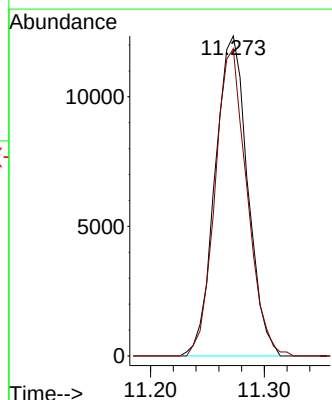
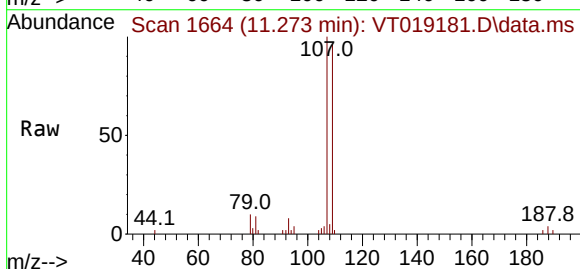
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

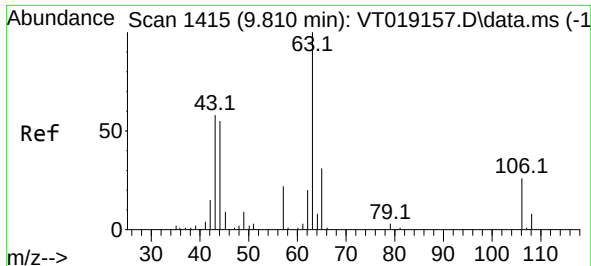
Tgt Ion:129 Resp: 25851
Ion Ratio Lower Upper
129 100
127 78.2 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 20.167 ug/l
RT: 11.273 min Scan# 1664
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion:107 Resp: 24585
Ion Ratio Lower Upper
107 100
109 93.9 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 95.449 ug/l

RT: 9.786 min Scan# 1415

Delta R.T. -0.024 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

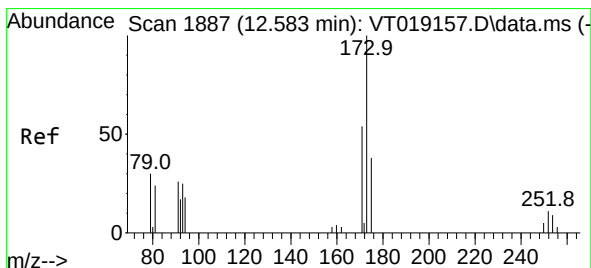
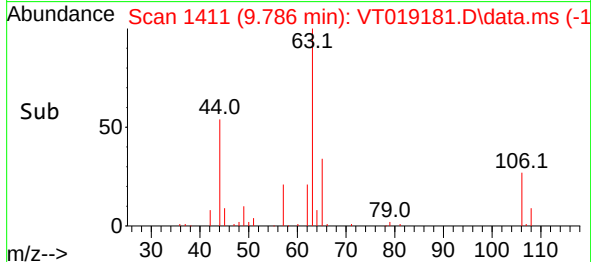
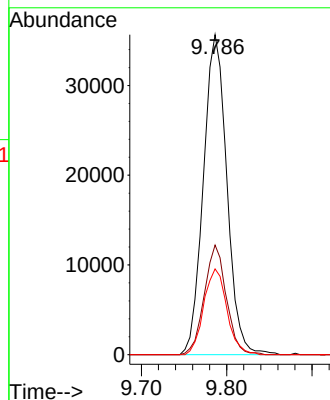
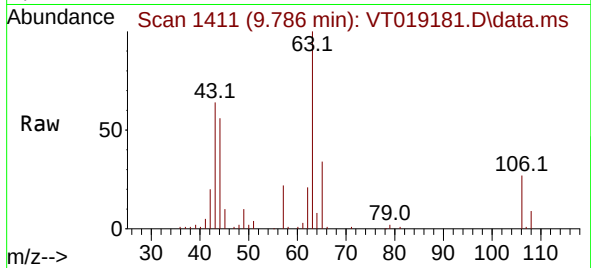
Tgt Ion: 63 Resp: 68379

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6

106 26.4 22.1 33.1



#56

Bromoform

Concen: 21.432 ug/l

RT: 12.548 min Scan# 1881

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

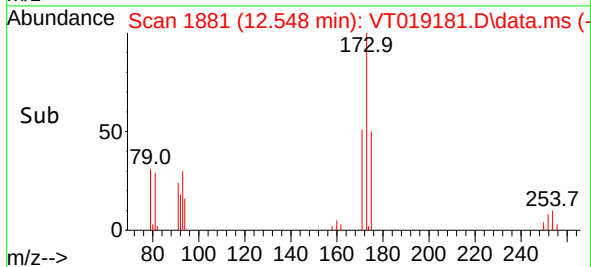
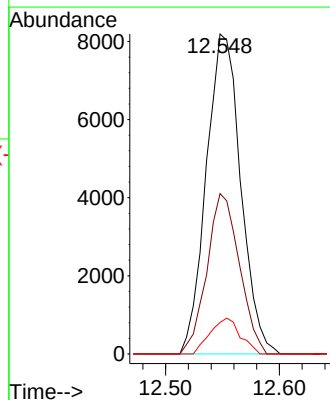
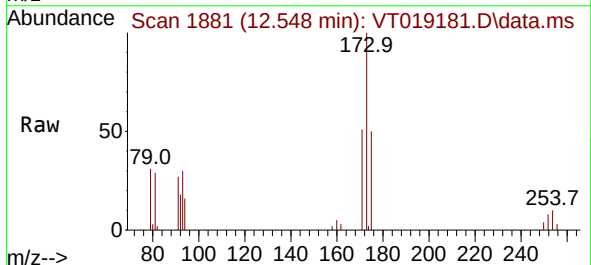
Tgt Ion: 173 Resp: 17226

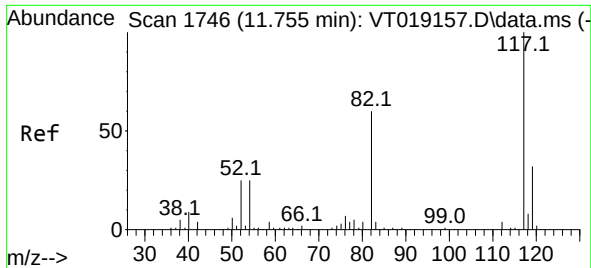
Ion Ratio Lower Upper

173 100

175 47.3 2.6 3.8#

254 9.7 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.725 min Scan# 11

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

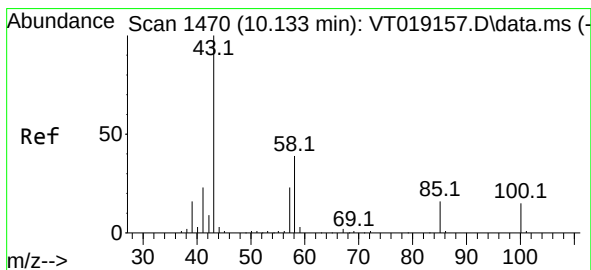
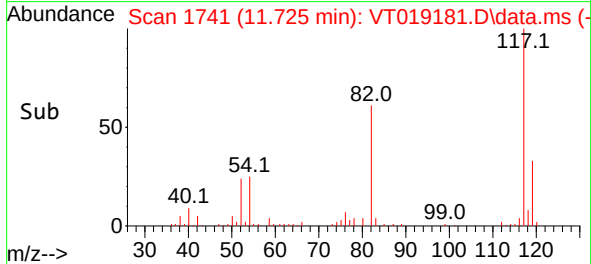
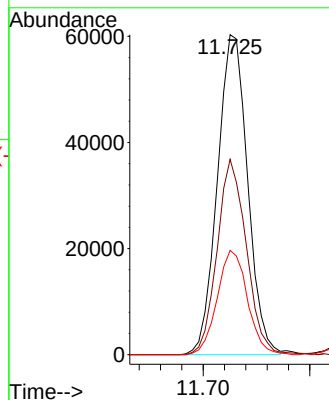
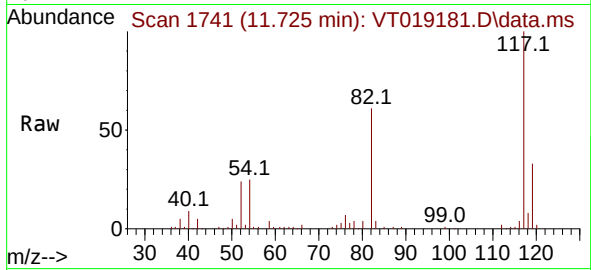
Tgt Ion:117 Resp: 118646

Ion Ratio Lower Upper

117 100

82 59.1 46.0 69.0

119 32.6 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 96.184 ug/l

RT: 10.109 min Scan# 1466

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

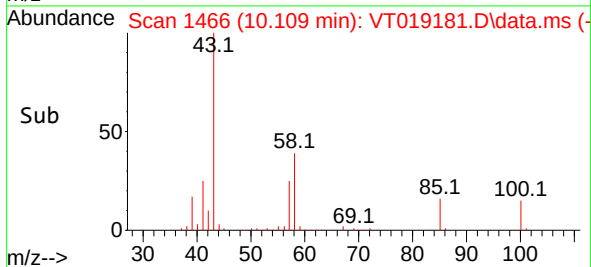
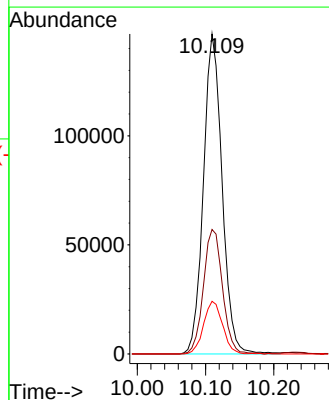
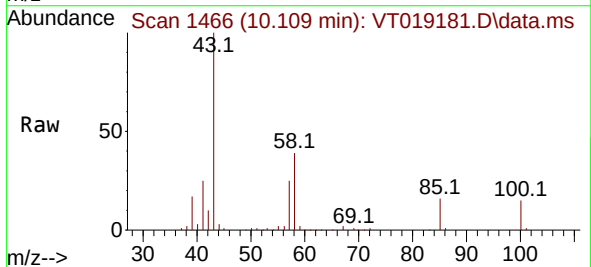
Tgt Ion: 43 Resp: 279471

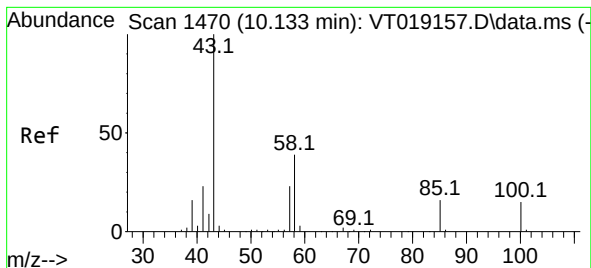
Ion Ratio Lower Upper

43 100

58 39.7 30.6 45.8

85 16.7 13.4 20.2

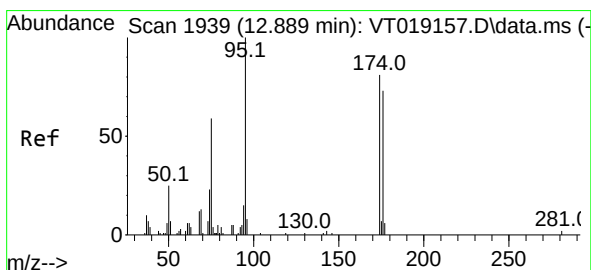
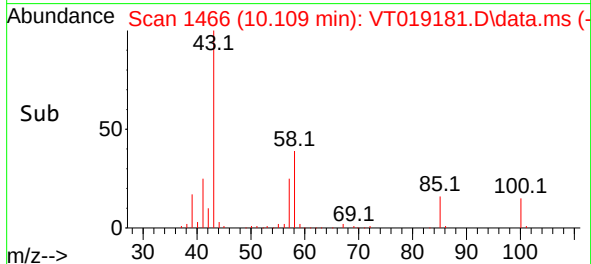
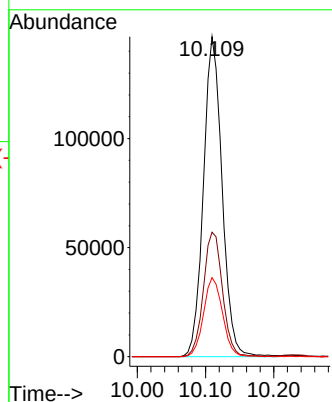
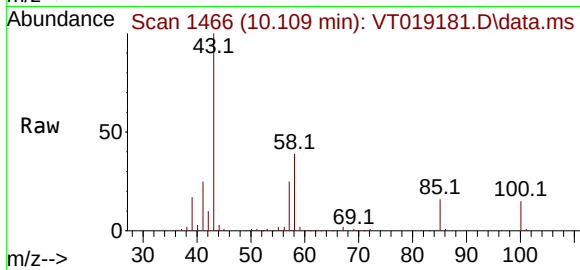




#59
2-Hexanone
Concen: 96.184 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

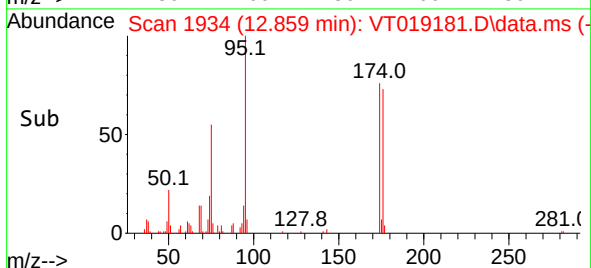
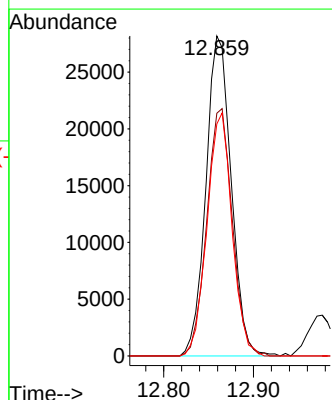
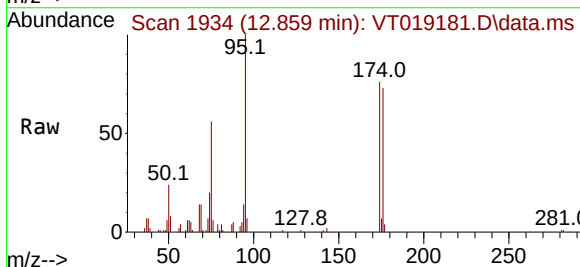
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

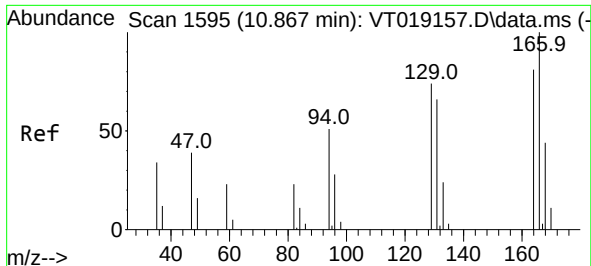
Tgt Ion: 43 Resp: 279471
Ion Ratio Lower Upper
43 100
58 39.7 42.0 63.0#
57 25.1 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.595 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

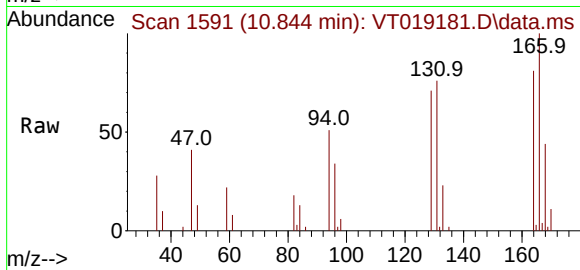
Tgt Ion: 95 Resp: 55187
Ion Ratio Lower Upper
95 100
174 78.2 57.5 86.3
176 74.8 56.4 84.6



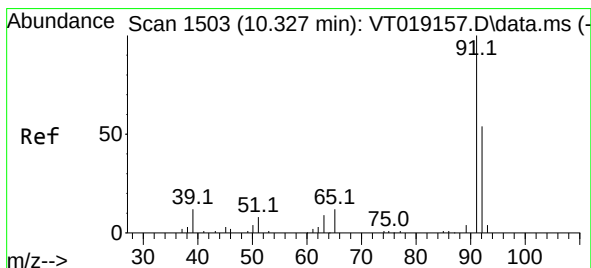
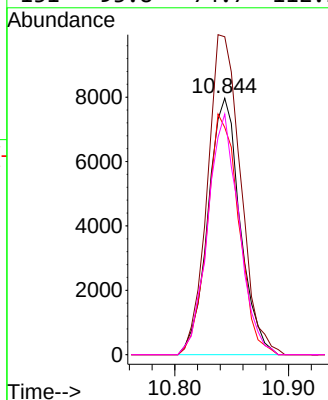
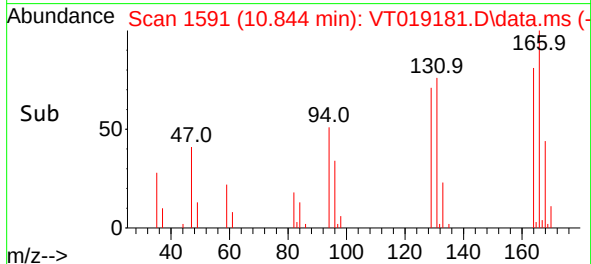


#61
Tetrachloroethene
Concen: 20.824 ug/l
RT: 10.844 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

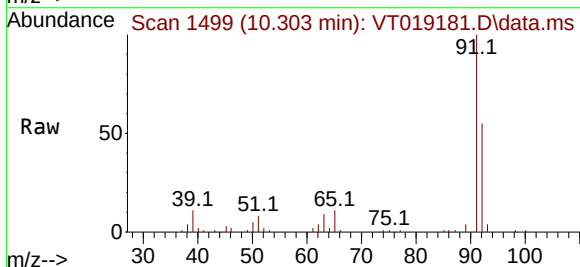
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC



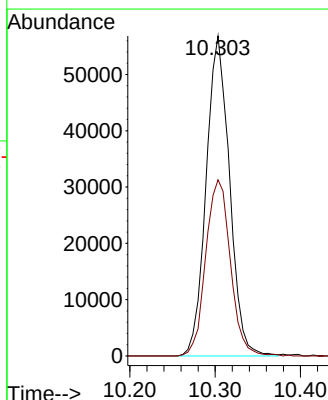
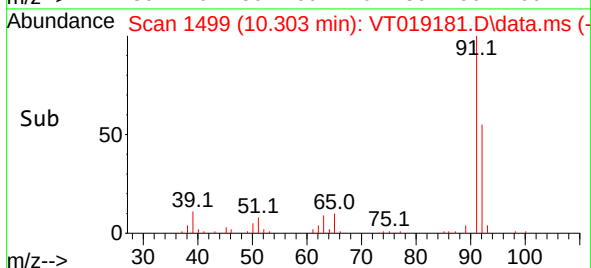
Tgt Ion:164 Resp: 15617
Ion Ratio Lower Upper
164 100
166 123.9 101.0 151.4
129 88.6 78.6 117.8
131 93.8 74.7 112.1

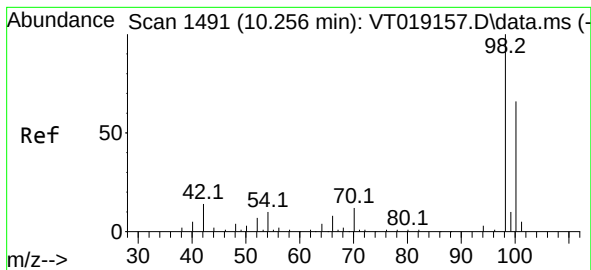


#62
Toluene
Concen: 20.374 ug/l
RT: 10.303 min Scan# 1499
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53



Tgt Ion: 91 Resp: 108270
Ion Ratio Lower Upper
91 100
92 57.9 46.6 69.8





#63

Toluene-d8

Concen: 29.823 ug/l

RT: 10.233 min Scan# 1491

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

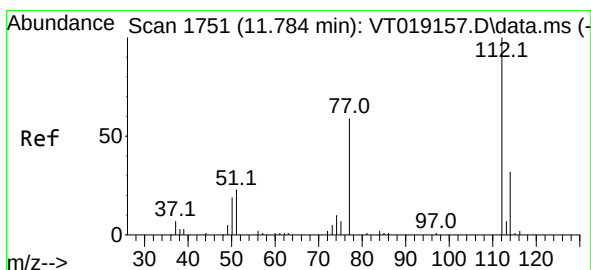
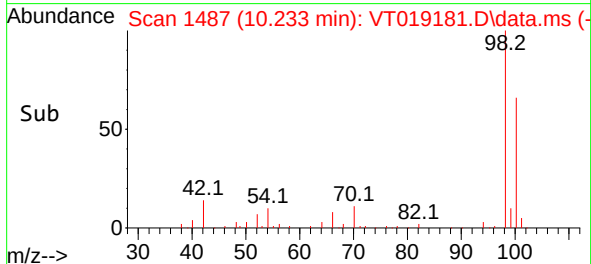
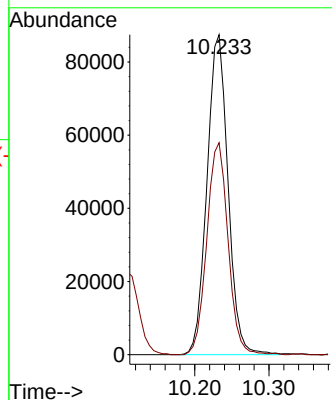
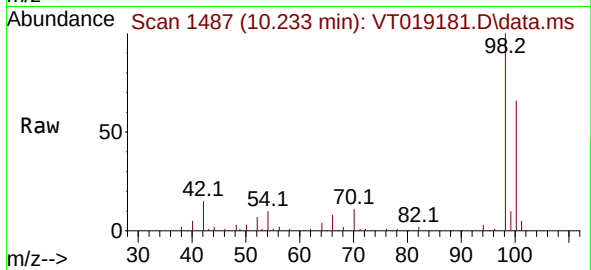
VSTDCCC020EC

Tgt Ion: 98 Resp: 172222

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#64

Chlorobenzene

Concen: 20.499 ug/l

RT: 11.755 min Scan# 1746

Delta R.T. -0.029 min

Lab File: VT019181.D

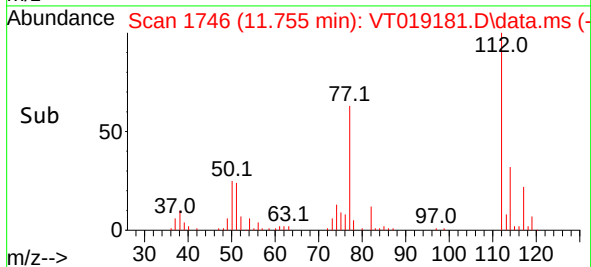
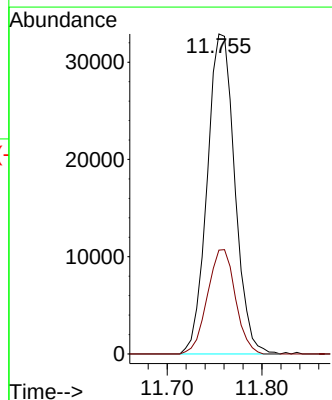
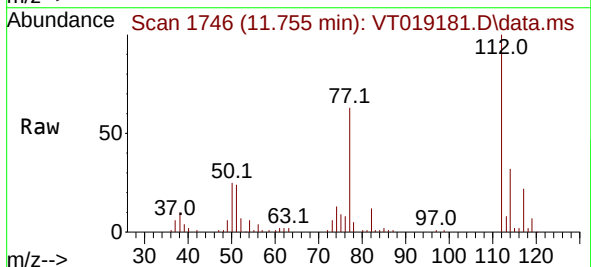
Acq: 24 Oct 2025 15:53

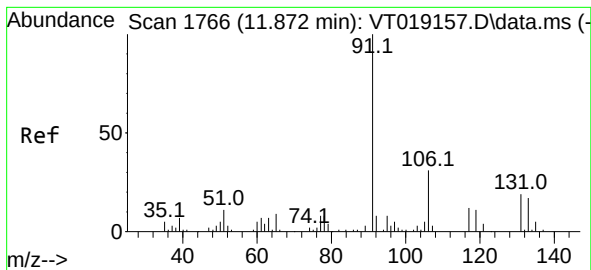
Tgt Ion: 112 Resp: 66538

Ion Ratio Lower Upper

112 100

114 32.4 23.6 35.4

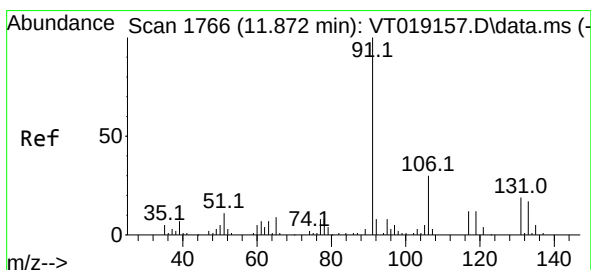
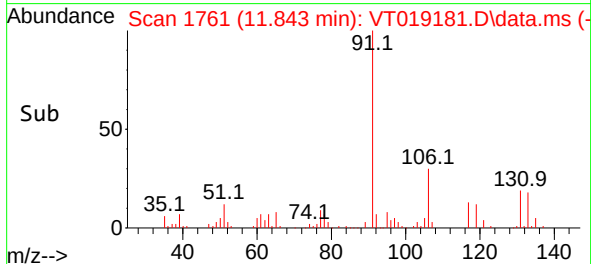
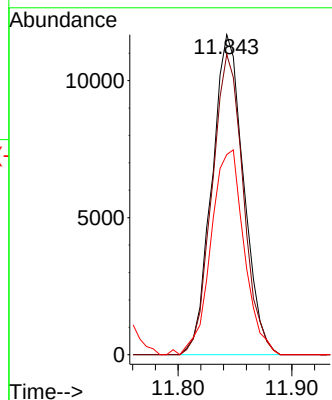
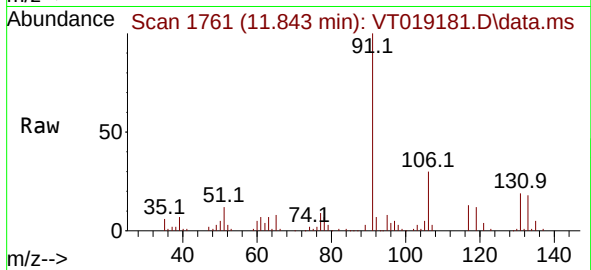




#65
1,1,1,2-Tetrachloroethane
Concen: 21.391 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

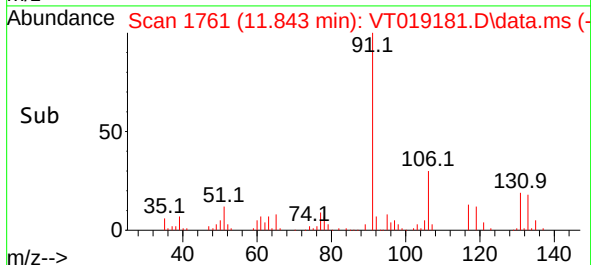
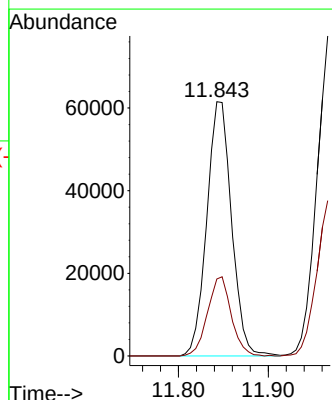
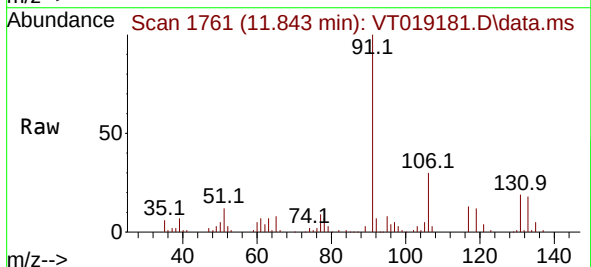
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

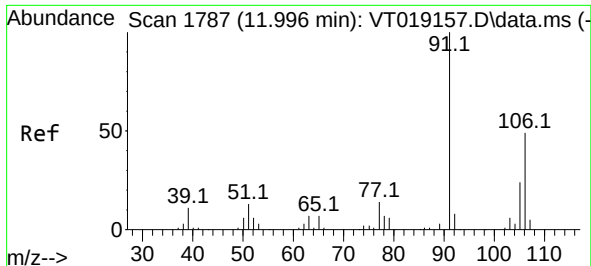
Tgt Ion:131 Resp: 22617
Ion Ratio Lower Upper
131 100
133 92.5 0.0 188.2
119 66.8 0.0 101.8



#66
Ethyl Benzene
Concen: 20.425 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 91 Resp: 117967
Ion Ratio Lower Upper
91 100
106 30.3 25.1 37.7





#67

m/p-Xylenes

Concen: 40.593 ug/l

RT: 11.972 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

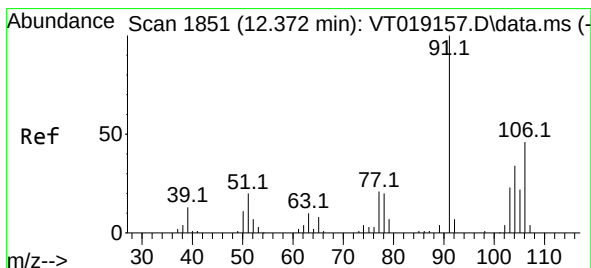
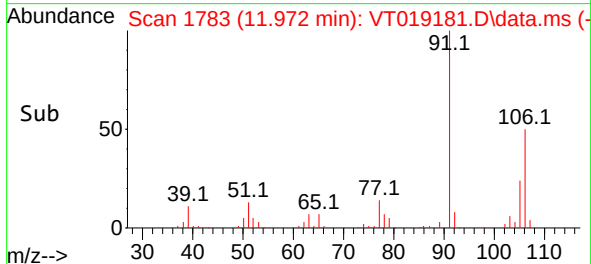
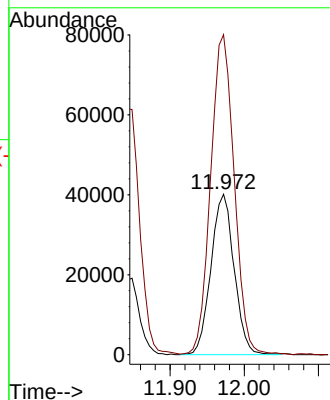
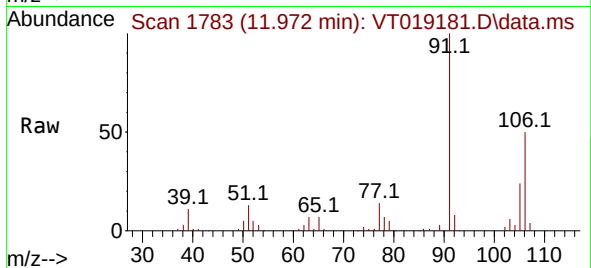
VSTDCCC020EC

Tgt Ion:106 Resp: 87151

Ion Ratio Lower Upper

106 100

91 201.2 164.4 246.6



#68

o-Xylene

Concen: 20.190 ug/l

RT: 12.342 min Scan# 1846

Delta R.T. -0.030 min

Lab File: VT019181.D

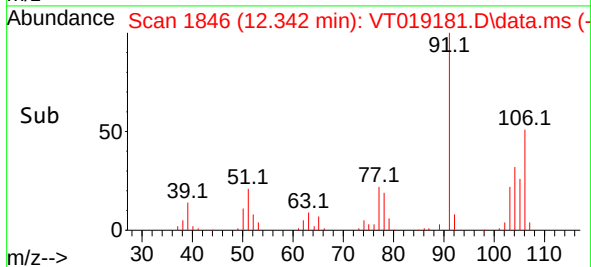
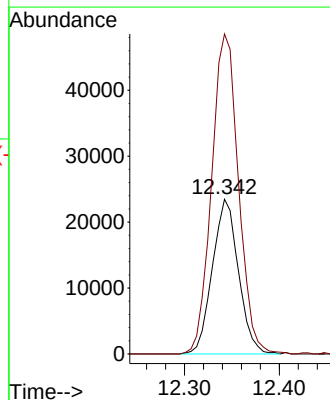
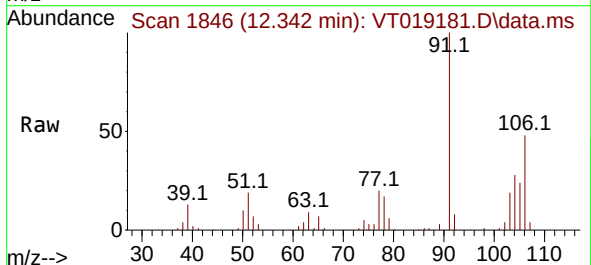
Acq: 24 Oct 2025 15:53

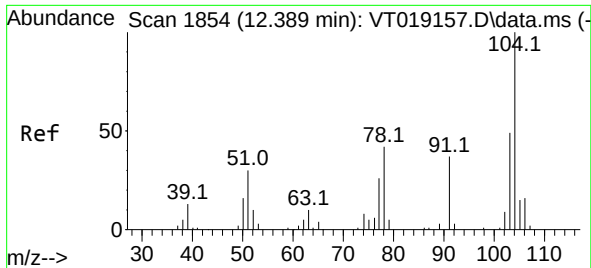
Tgt Ion:106 Resp: 44744

Ion Ratio Lower Upper

106 100

91 213.6 111.3 333.8

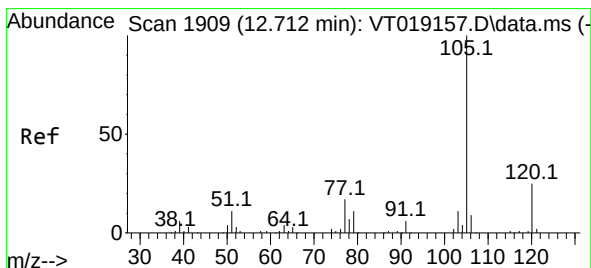
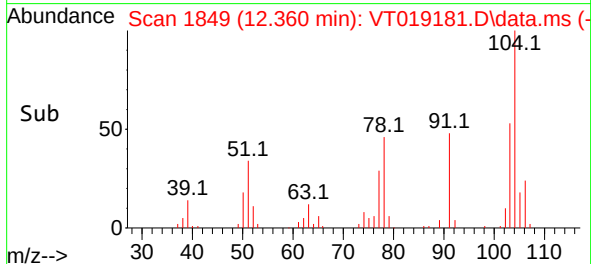
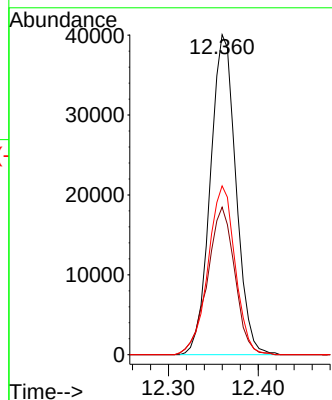
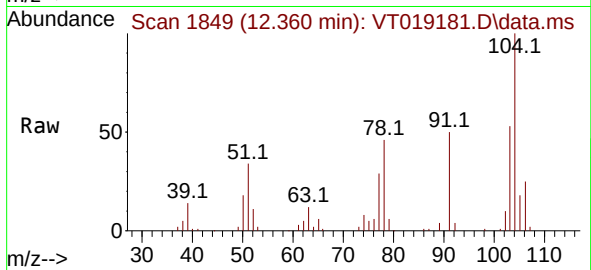




#69
Styrene
Concen: 19.950 ug/l
RT: 12.360 min Scan# 1849
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

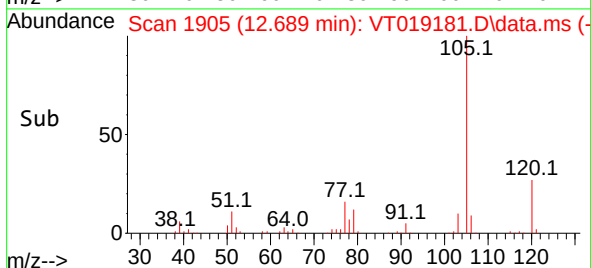
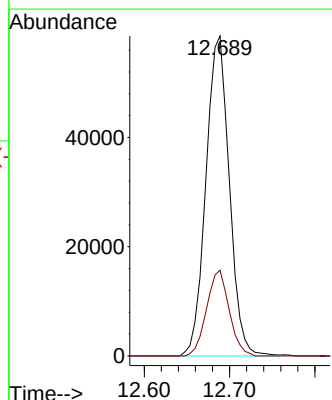
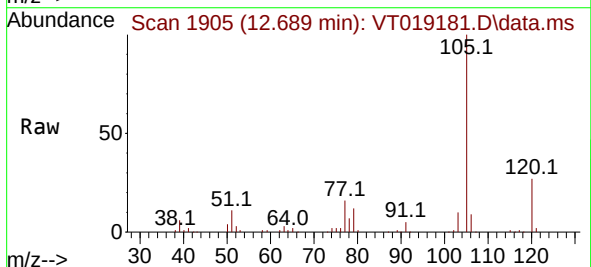
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

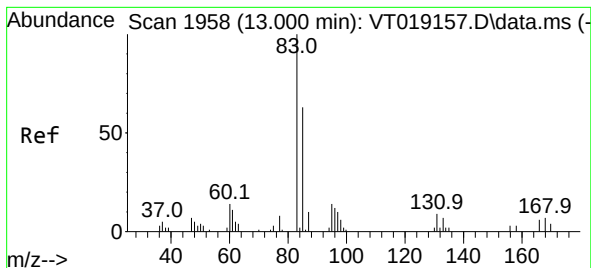
Tgt Ion:104 Resp: 79374
Ion Ratio Lower Upper
104 100
78 49.1 42.6 63.8
103 55.7 43.5 65.3



#70
Isopropylbenzene
Concen: 20.568 ug/l
RT: 12.689 min Scan# 1905
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion:105 Resp: 111804
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.0

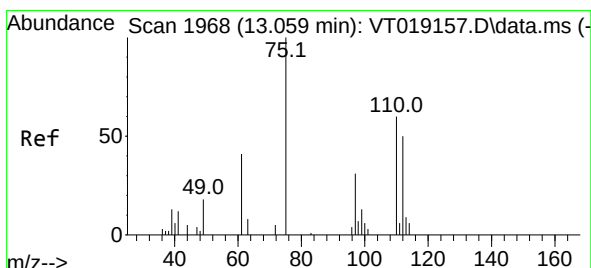
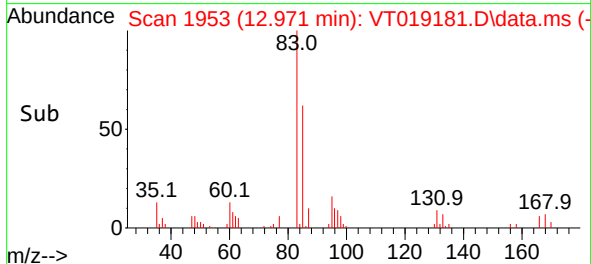
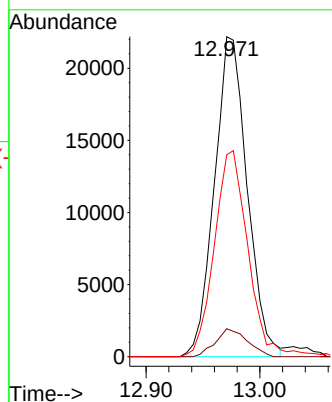
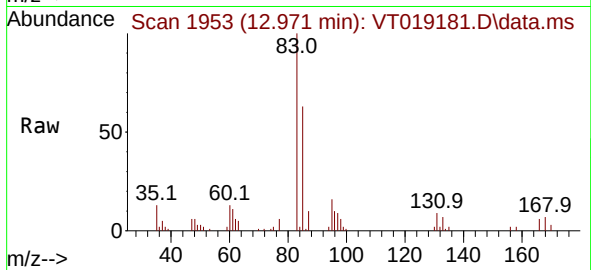




#71
1,1,2,2-Tetrachloroethane
Concen: 20.818 ug/l
RT: 12.971 min Scan# 1953
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

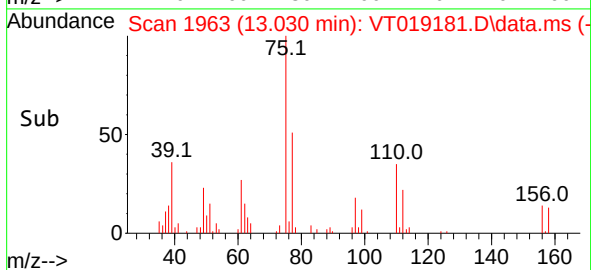
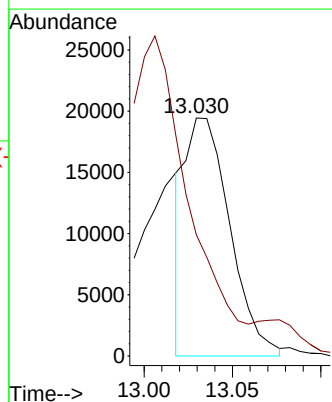
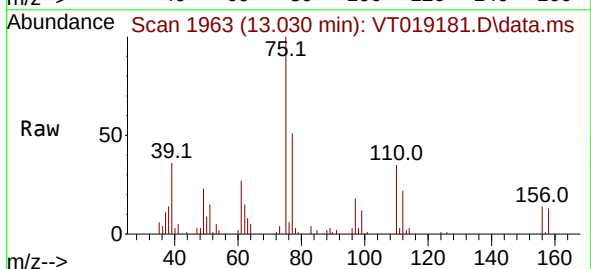
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

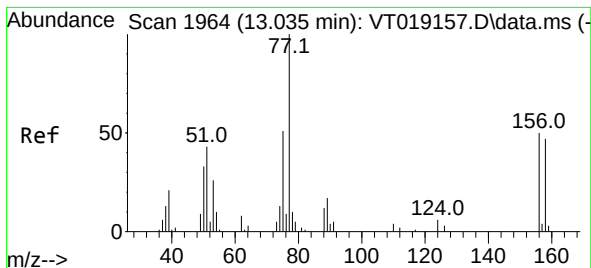
Tgt Ion: 83 Resp: 44400
Ion Ratio Lower Upper
83 100
131 8.5 6.0 18.0
85 65.2 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 21.832 ug/l m
RT: 13.030 min Scan# 1963
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 75 Resp: 34370
Ion Ratio Lower Upper
75 100
77 188.6 0.0 74.2#





#73

Bromobenzene

Concen: 20.770 ug/l

RT: 13.006 min Scan# 1959

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

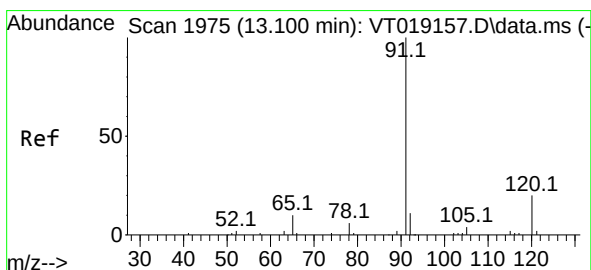
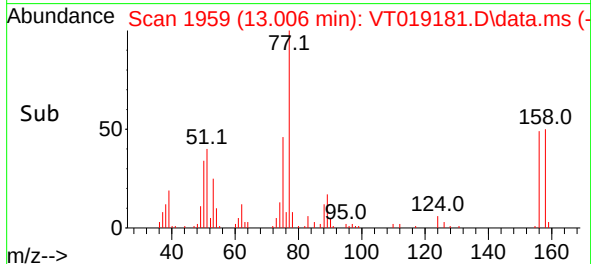
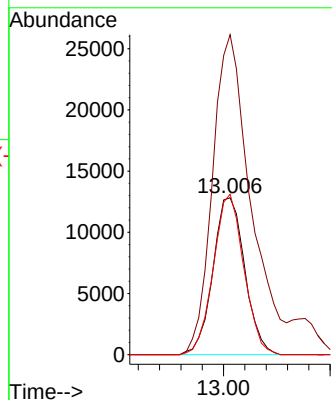
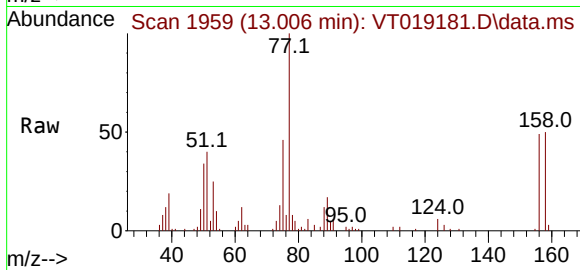
Tgt Ion:156 Resp: 26549

Ion Ratio Lower Upper

156 100

77 244.2 0.0 340.8

158 98.1 0.0 189.0



#74

n-propylbenzene

Concen: 20.311 ug/l

RT: 13.077 min Scan# 1971

Delta R.T. -0.023 min

Lab File: VT019181.D

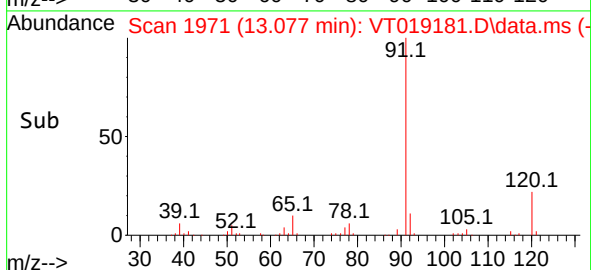
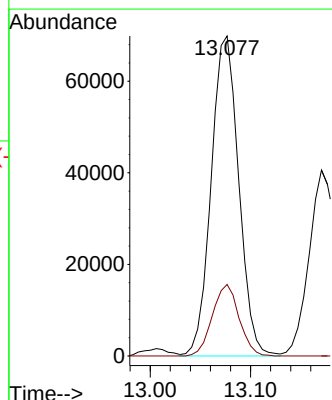
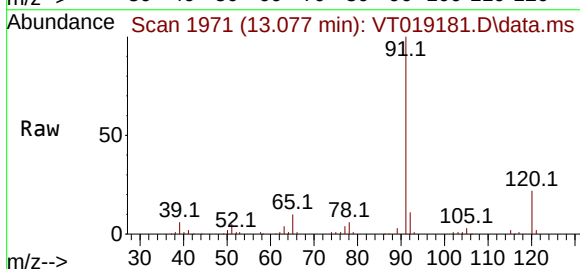
Acq: 24 Oct 2025 15:53

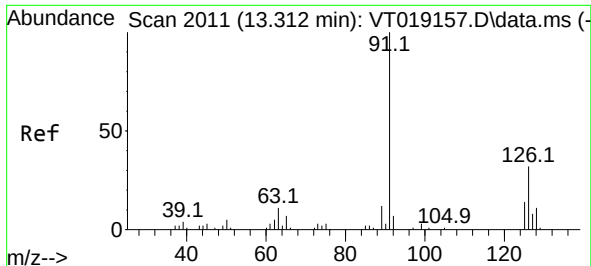
Tgt Ion: 91 Resp: 133129

Ion Ratio Lower Upper

91 100

120 21.6 0.0 44.4

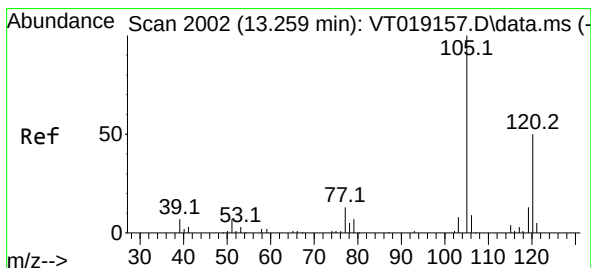
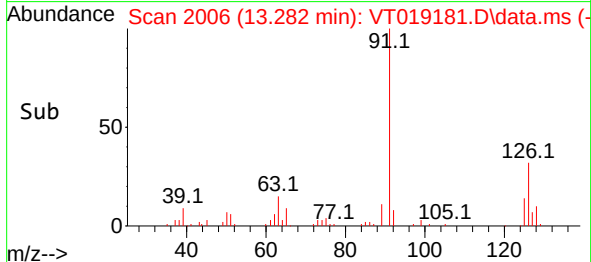
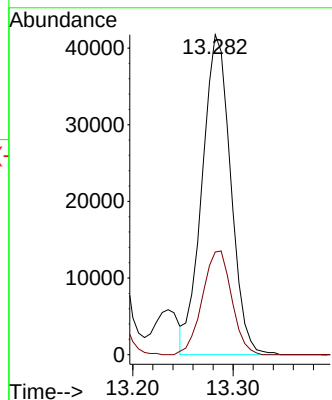
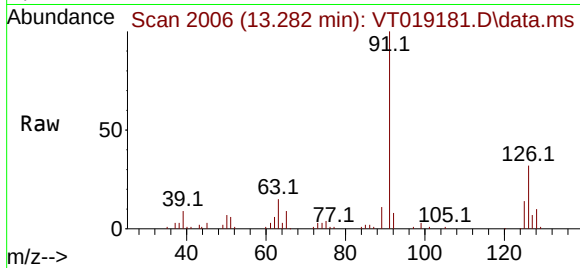




#75
2-Chlorotoluene
Concen: 20.607 ug/l
RT: 13.282 min Scan# 2011
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

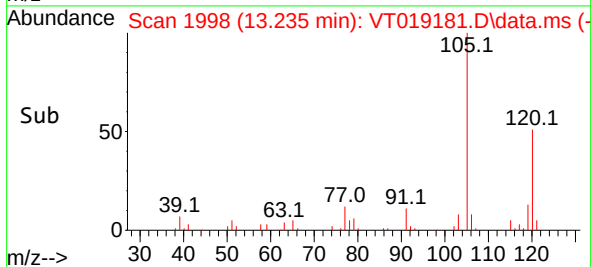
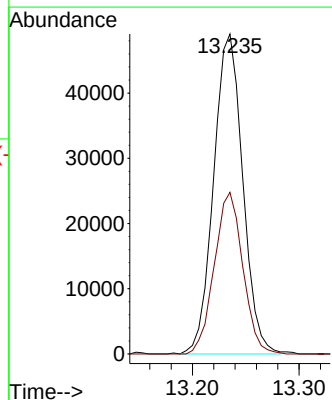
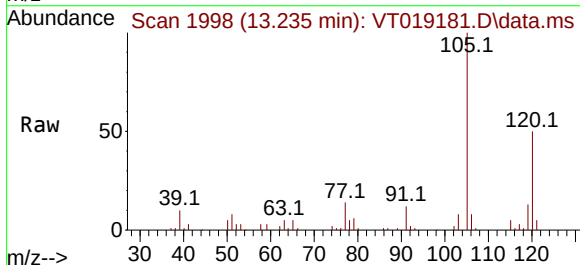
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

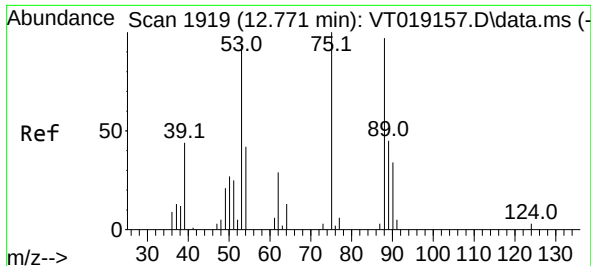
Tgt Ion: 91 Resp: 82685
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 20.845 ug/l
RT: 13.235 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 105 Resp: 92960
Ion Ratio Lower Upper
105 100
120 49.4 0.0 93.0

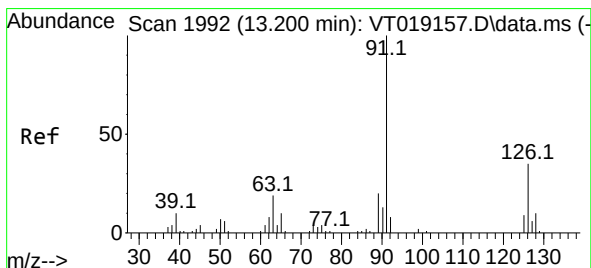
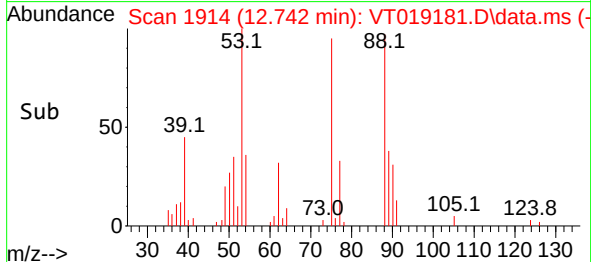
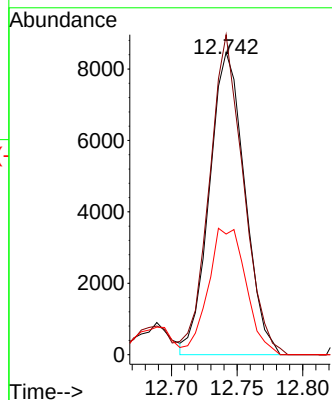
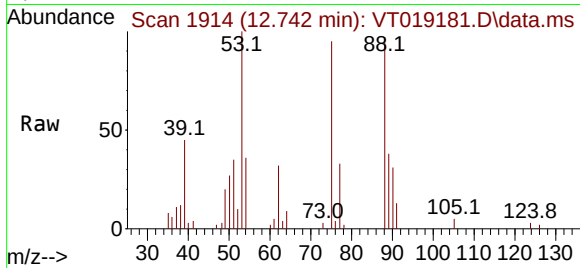




#77
t-1,4-Dichloro-2-butene
Concen: 20.733 ug/l
RT: 12.742 min Scan# 1914
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

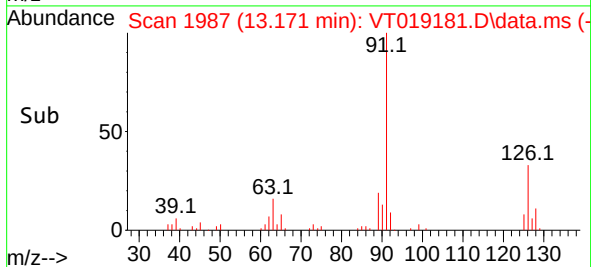
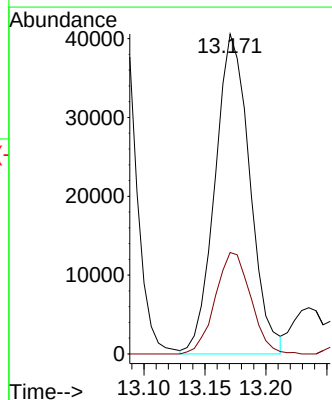
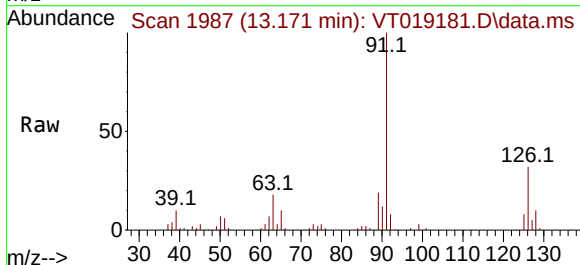
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

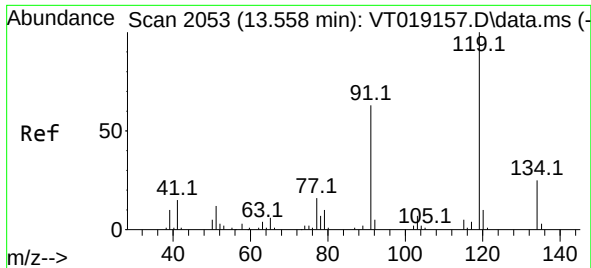
Tgt Ion:	75	Resp:	15860
Ion Ratio	Lower	Upper	
75	100		
53	103.7	48.4	145.2
89	39.9	33.8	101.3



#78
4-Chlorotoluene
Concen: 20.378 ug/l
RT: 13.171 min Scan# 1987
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion:	91	Resp:	80660
Ion Ratio	Lower	Upper	
91	100		
126	32.3	0.0	57.2

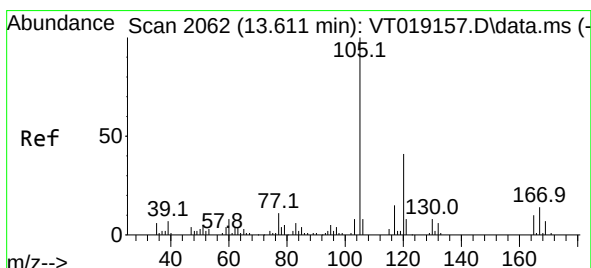
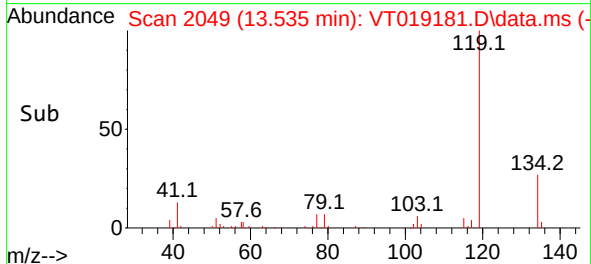
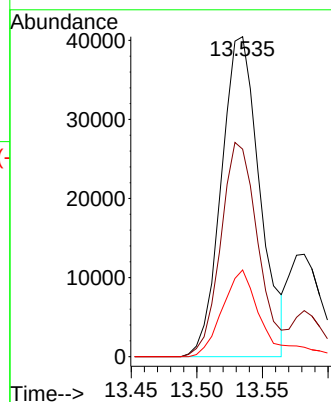
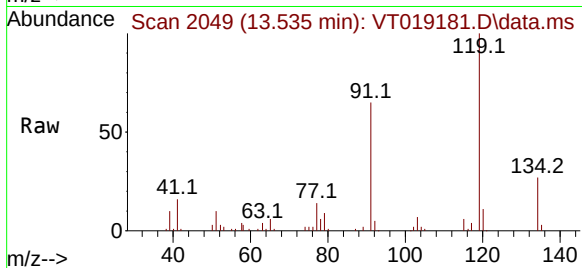




#79
tert-butylbenzene
Concen: 20.837 ug/l
RT: 13.535 min Scan# 2053
Delta R.T. -0.023 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

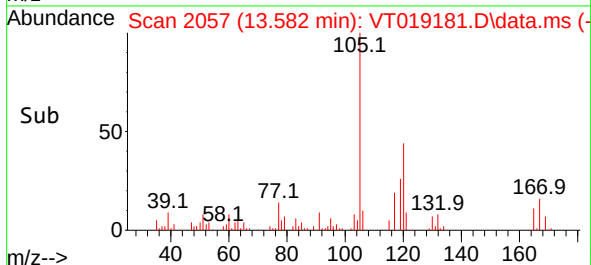
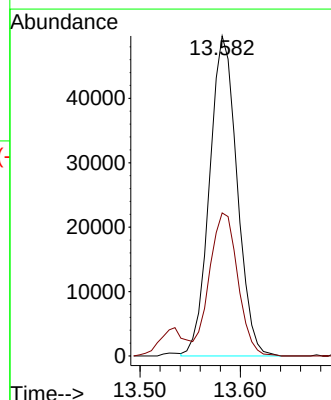
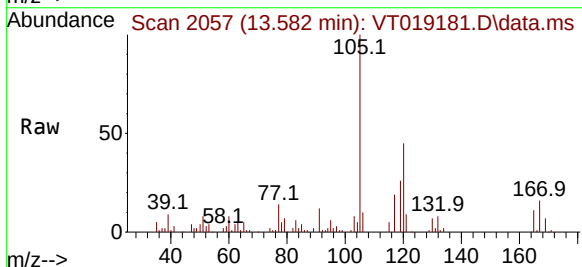
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

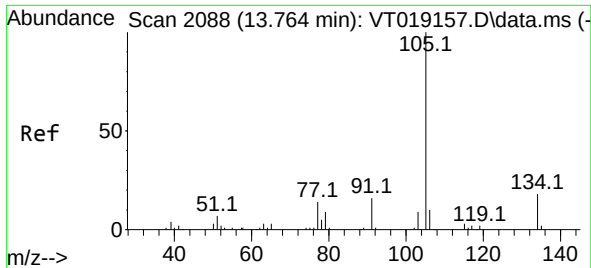
Tgt Ion:119 Resp: 82526
Ion Ratio Lower Upper
119 100
91 64.5 0.0 120.6
134 27.6 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 20.369 ug/l
RT: 13.582 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion:105 Resp: 94775
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.6

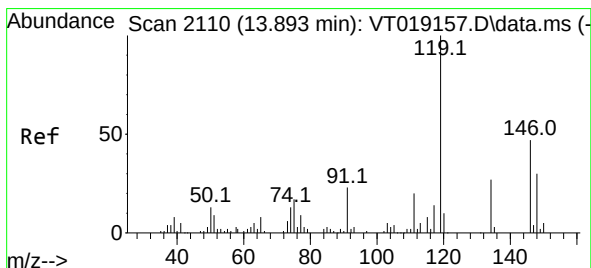
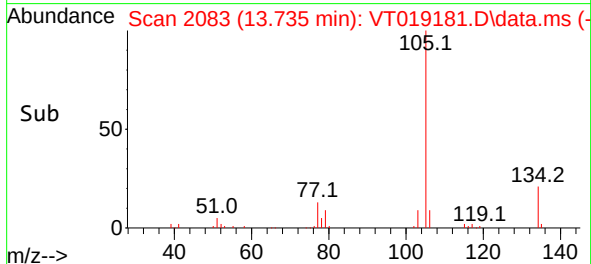
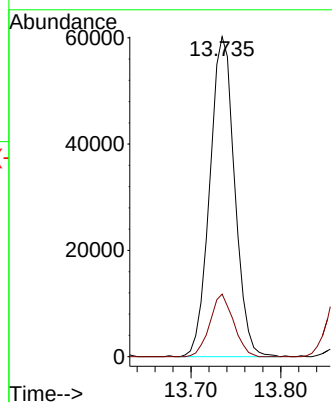
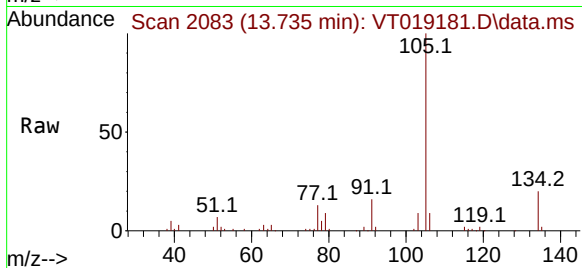




#81
 sec-Butylbenzene
 Concen: 20.281 ug/l
 RT: 13.735 min Scan# 2088
 Delta R.T. -0.029 min
 Lab File: VT019181.D
 Acq: 24 Oct 2025 15:53

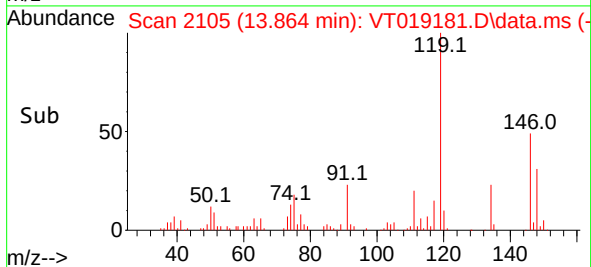
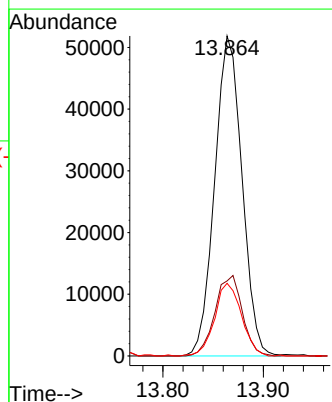
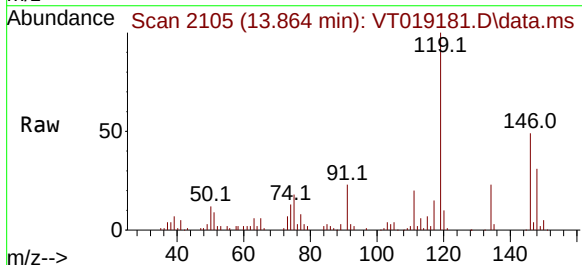
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

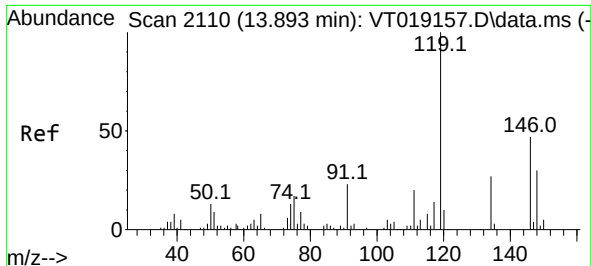
Tgt Ion:105 Resp: 115739
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.636 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: VT019181.D
 Acq: 24 Oct 2025 15:53

Tgt Ion:119 Resp: 97973
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 50.8
 91 22.4 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.918 ug/l

RT: 13.864 min Scan# 2110

Delta R.T. -0.029 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

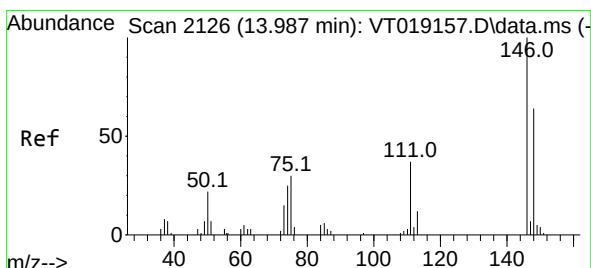
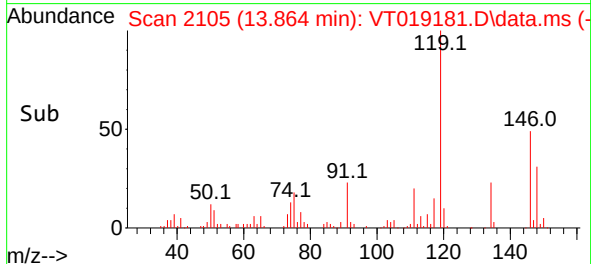
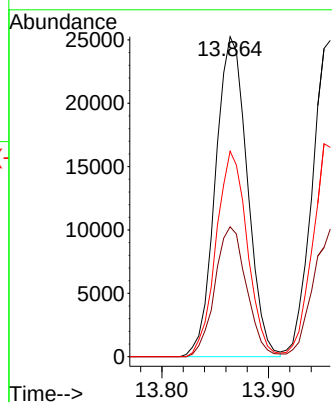
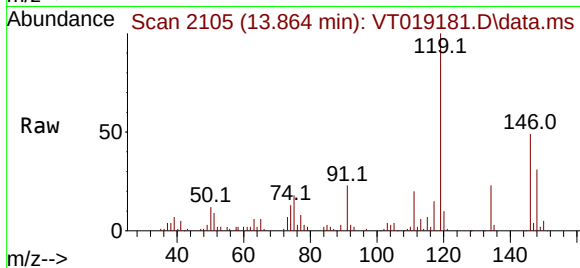
Tgt Ion:146 Resp: 52438

Ion Ratio Lower Upper

146 100

111 40.1 20.7 62.1

148 62.8 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 20.944 ug/l

RT: 13.958 min Scan# 2121

Delta R.T. -0.023 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

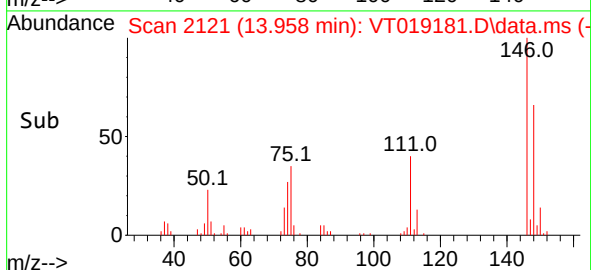
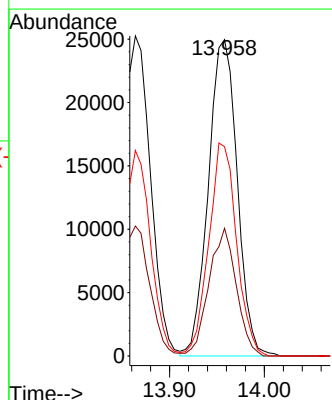
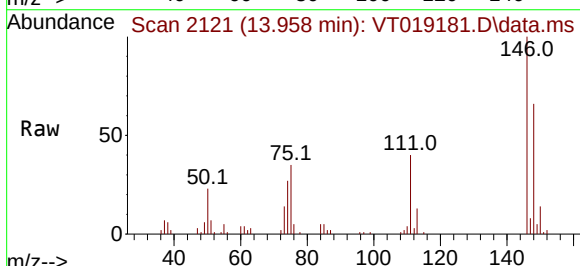
Tgt Ion:146 Resp: 52860

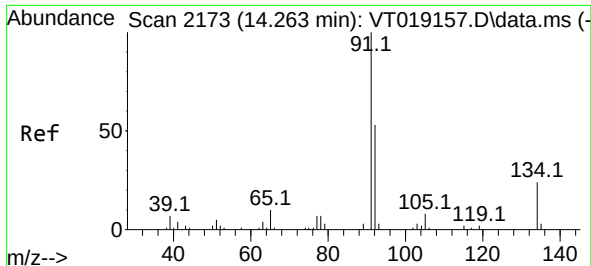
Ion Ratio Lower Upper

146 100

111 38.3 20.4 61.3

148 64.8 32.3 96.8

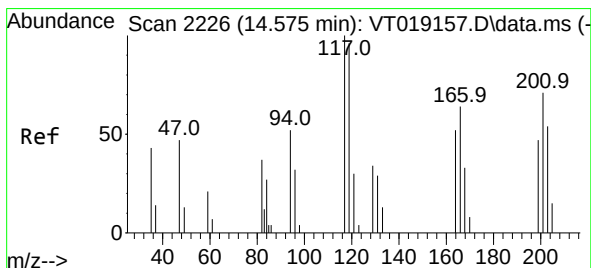
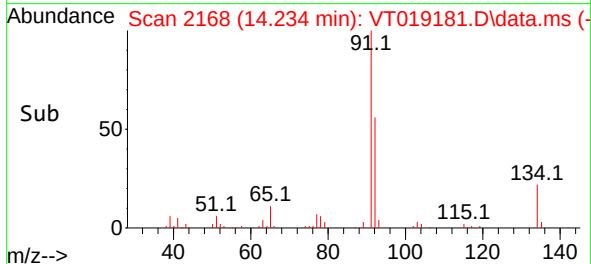
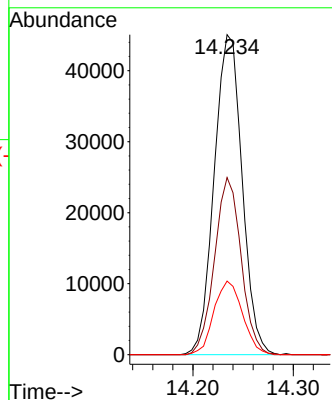
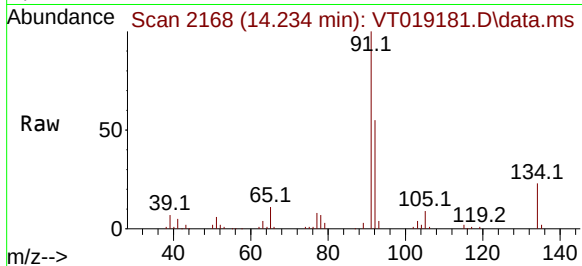




#85
n-Butylbenzene
Concen: 20.060 ug/l
RT: 14.234 min Scan# 2173
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

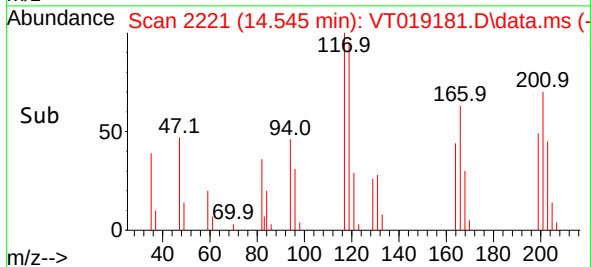
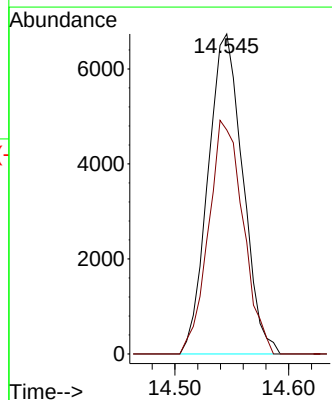
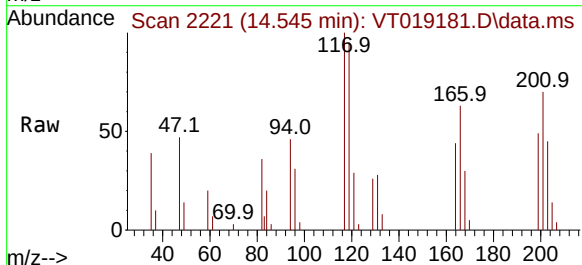
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

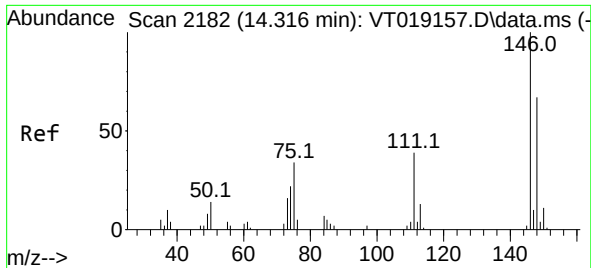
Tgt Ion: 91 Resp: 87164
Ion Ratio Lower Upper
91 100
92 52.7 0.0 107.8
134 23.6 0.0 50.0



#86
Hexachloroethane
Concen: 22.491 ug/l
RT: 14.545 min Scan# 2221
Delta R.T. -0.030 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 117 Resp: 14310
Ion Ratio Lower Upper
117 100
201 72.9 0.5 1.5#

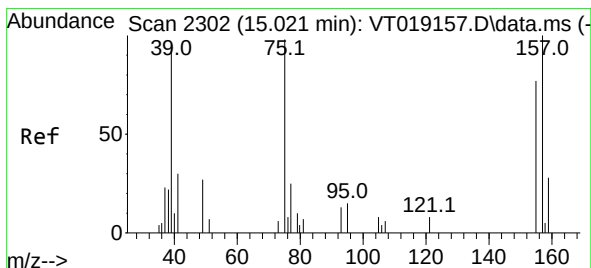
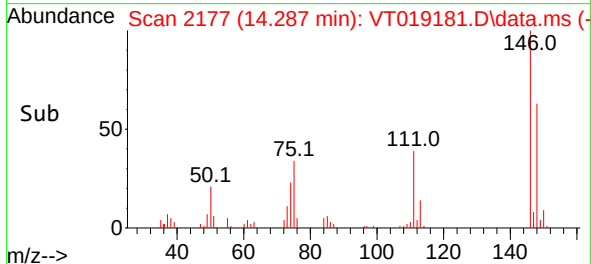
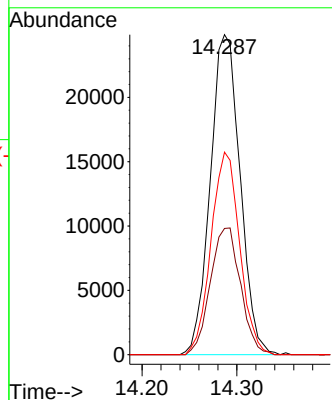
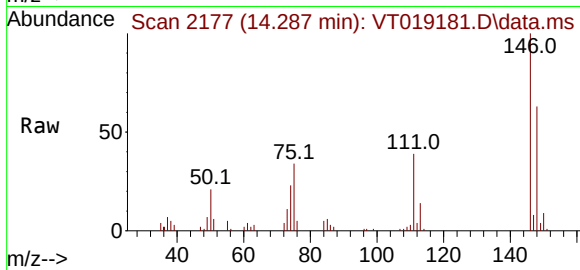




#87
1,2-Dichlorobenzene
Concen: 21.716 ug/l
RT: 14.287 min Scan# 2182
Delta R.T. -0.029 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

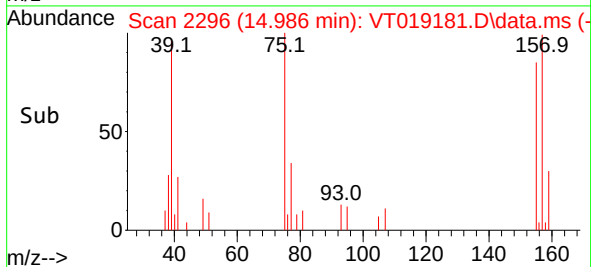
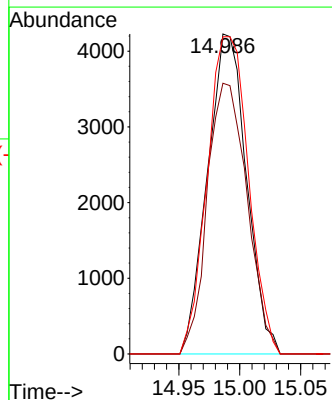
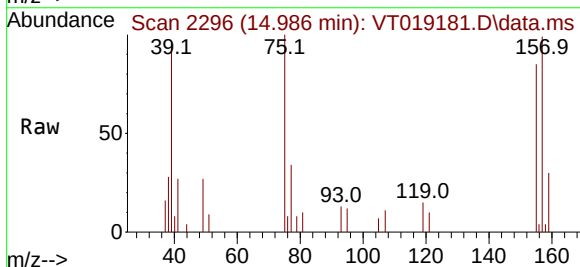
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 54384
Ion Ratio Lower Upper
146 100
111 40.1 21.8 65.3
148 60.8 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.099 ug/l
RT: 14.986 min Scan# 2296
Delta R.T. -0.035 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion: 75 Resp: 9418
Ion Ratio Lower Upper
75 100
155 86.3 65.4 98.2
157 104.6 82.0 123.0

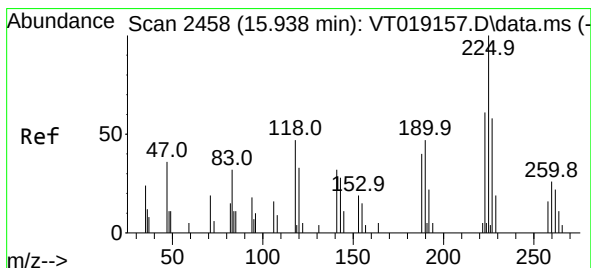
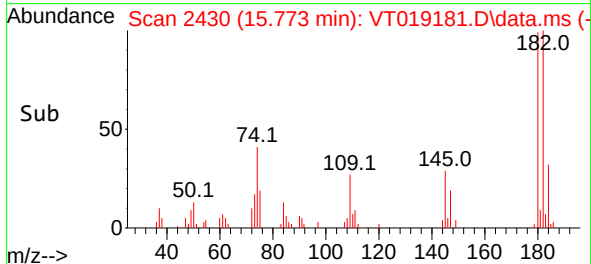
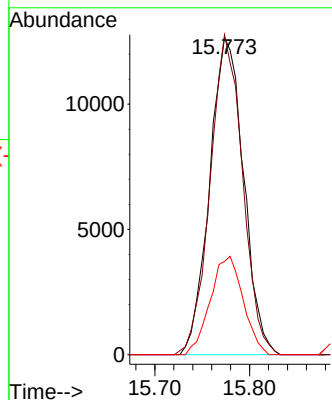
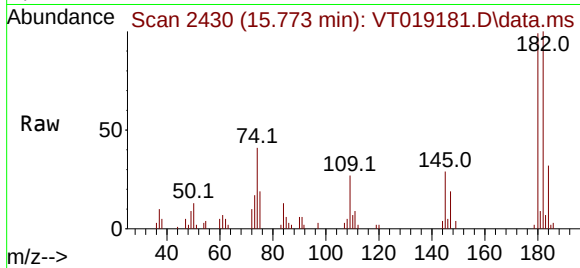




#89
1,2,4-Trichlorobenzene
Concen: 20.632 ug/l
RT: 15.773 min Scan# 2436
Delta R.T. -0.036 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

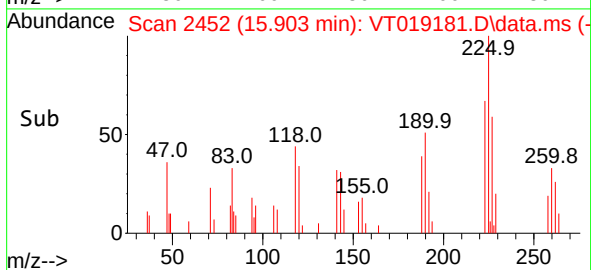
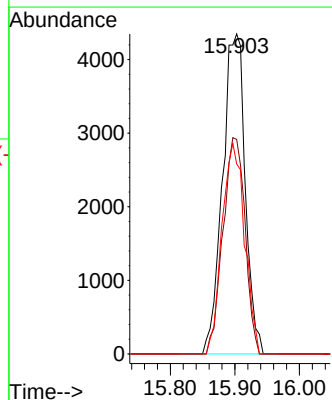
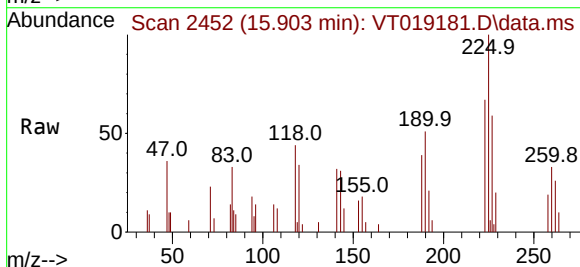
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

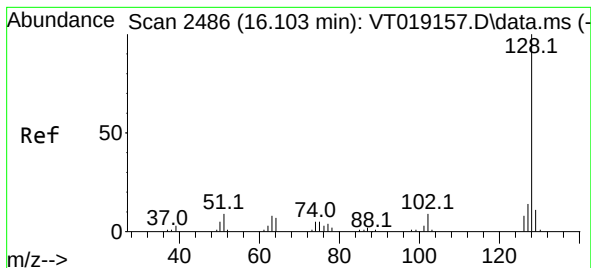
Tgt Ion:180 Resp: 31454
Ion Ratio Lower Upper
180 100
182 96.5 78.2 117.2
145 30.0 26.5 39.7



#90
Hexachlorobutadiene
Concen: 20.968 ug/l m
RT: 15.903 min Scan# 2452
Delta R.T. -0.035 min
Lab File: VT019181.D
Acq: 24 Oct 2025 15:53

Tgt Ion:225 Resp: 10599
Ion Ratio Lower Upper
225 100
223 0.0 0.0 73.8
227 0.0 0.0 130.6





#91

Naphthalene

Concen: 20.507 ug/l

RT: 16.067 min Scan# 2486

Delta R.T. -0.030 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

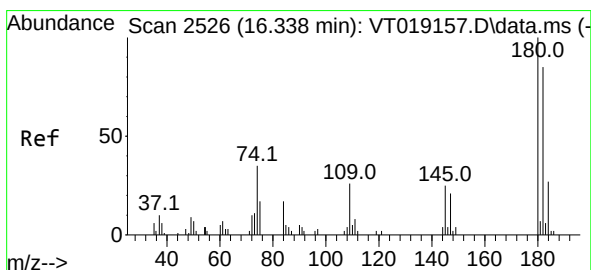
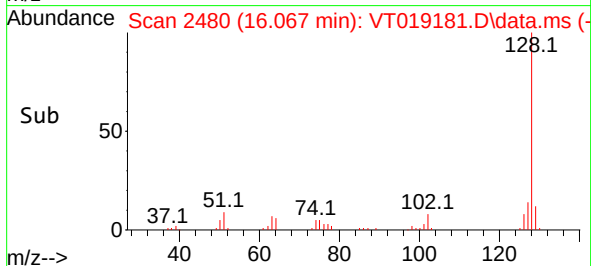
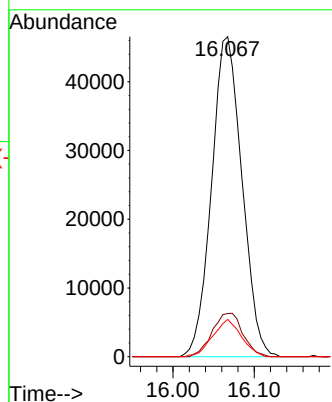
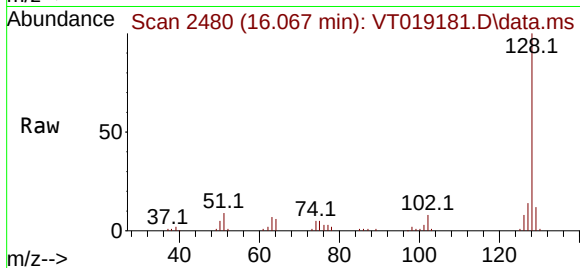
Tgt Ion:128 Resp: 120843

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.9 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 21.014 ug/l

RT: 16.296 min Scan# 2519

Delta R.T. -0.042 min

Lab File: VT019181.D

Acq: 24 Oct 2025 15:53

Tgt Ion:180 Resp: 32336

Ion Ratio Lower Upper

180 100

182 92.6 0.0 189.0

145 31.6 0.0 69.2

