

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061523\
 Data File : VD076435.D
 Acq On : 15 Jun 2023 12:38
 Operator : KP/SY
 Sample : VSTD10056
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100156

Quant Time: Jun 16 01:16:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:13:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	262519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	237509	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	114624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	672968	105.265	ug/L	0.00
7) Chloroethane-d5	2.793	69	511864	98.907	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	178195	106.781	ug/L	0.00
21) 2-Butanone-d5	6.981	46	205059	198.079	ug/L	0.00
24) Chloroform-d	7.569	84	711606	102.888	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	360637	105.697	ug/L	0.00
32) Benzene-d6	8.199	84	1516917	104.407	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	476617	102.773	ug/L	0.00
41) Toluene-d8	10.269	98	1430672	106.347	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	205225	106.393	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	152000	211.144	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	344211	104.326	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	451053	107.356	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	419205	102.478	ug/L	100
3) Chloromethane	2.146	50	663938	97.633	ug/L	100
5) Vinyl chloride	2.281	62	759107	103.476	ug/L	96
6) Bromomethane	2.681	94	442335	108.861	ug/L	96
8) Chloroethane	2.828	64	451273	100.424	ug/L	100
9) Trichlorofluoromethane	3.169	101	546755	103.078	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	355320	103.272	ug/L	99
12) 1,1-Dichloroethene	3.934	96	351695	102.828	ug/L	93
13) Acetone	4.022	43	134344	171.266	ug/L	97
14) Carbon disulfide	4.263	76	1267206	102.606	ug/L	99
15) Methyl Acetate	4.563	43	180826	95.863	ug/L	96
16) Methylene chloride	4.799	84	384464	84.136	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	388540	101.893	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	891163	103.052	ug/L #	91
19) 1,1-Dichloroethane	6.110	63	704690	101.474	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	429462	100.890	ug/L	94
22) 2-Butanone	7.081	43	232450	174.022	ug/L	98
23) Bromochloromethane	7.428	128	189439	105.219	ug/L	93
25) Chloroform	7.593	83	688312	101.560	ug/L	100
27) 1,2-Dichloroethane	8.328	62	422269	101.314	ug/L	98
29) Cyclohexane	7.875	56	639985	101.330	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	569055	103.135	ug/L	99
31) Carbon tetrachloride	7.993	117	476241	107.926	ug/L	98
33) Benzene	8.251	78	1616069	102.808	ug/L	100
34) Trichloroethene	9.028	95	410192	101.583	ug/L	97
35) Methylcyclohexane	9.275	83	683090	104.903	ug/L	100
37) 1,2-Dichloropropane	9.304	63	435440	101.605	ug/L	100
38) Bromodichloromethane	9.587	83	508014	103.931	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	685002	104.676	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	538493	201.982	ug/L	99
42) Toluene	10.334	91	1759996	104.773	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	562959	105.836	ug/L	99

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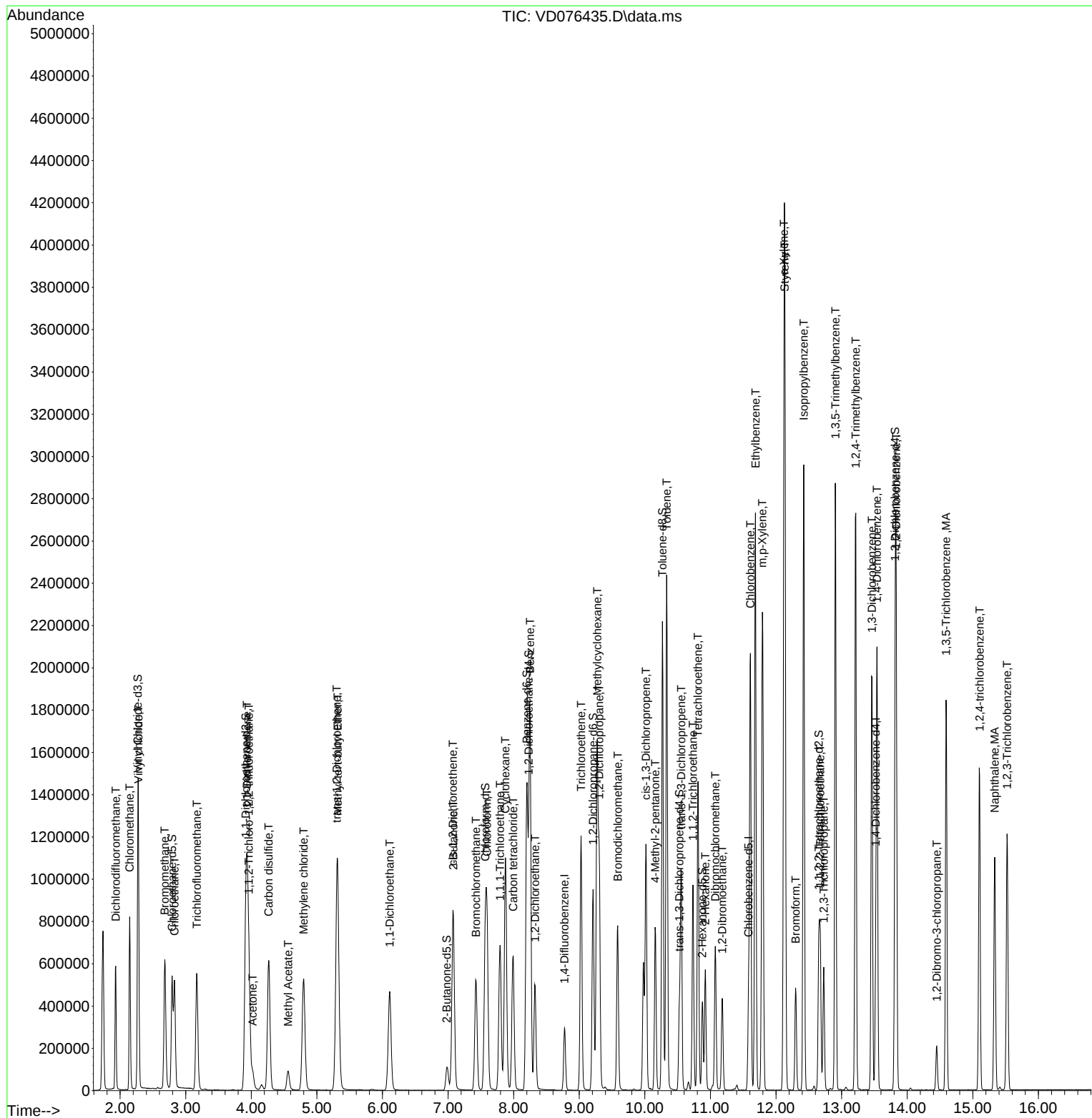
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	299043	101.731	ug/L	96
46) Tetrachloroethene	10.810	164	321071	101.141	ug/L	96
48) 2-Hexanone	10.922	43	381757	209.078	ug/L	99
49) Dibromochloromethane	11.075	129	348227	104.240	ug/L	95
50) 1,2-Dibromoethane	11.181	107	287857	100.893	ug/L	88
51) Chlorobenzene	11.610	112	1094822	104.393	ug/L	98
52) Ethylbenzene	11.687	91	1913903	105.706	ug/L	100
53) m,p-Xylene	11.792	106	731697	102.833	ug/L	97
54) o-Xylene	12.122	106	726644	107.255	ug/L	94
55) Styrene	12.134	104	1260160	107.661	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	345785	102.929	ug/L	96
59) Bromoform	12.298	173	213046	103.825	ug/L #	98
60) Isopropylbenzene	12.422	105	1868772	106.591	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	225985	101.588	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	1492091	106.372	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	1467506	106.019	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	813060	104.241	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	811755	103.246	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	730205	105.088	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	47665	96.232	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	558652	107.380	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	485392	104.858	ug/L	99
71) Naphthalene	15.333	128	933266	105.303	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	413016	102.744	ug/L	97

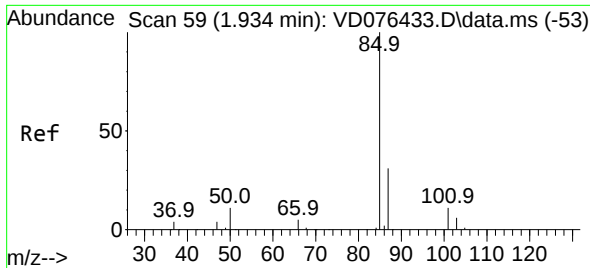
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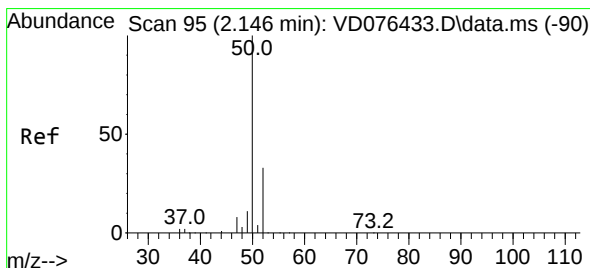
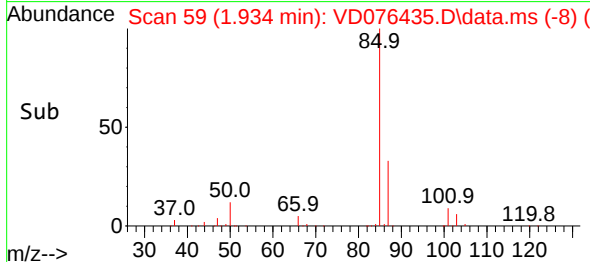
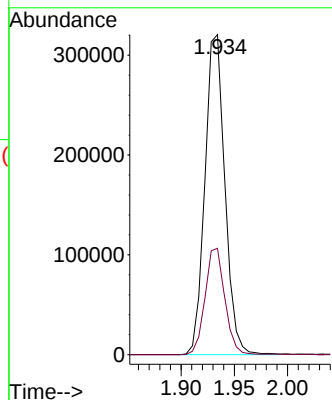
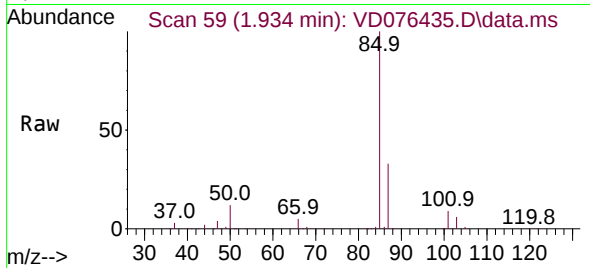




#2
 Dichlorodifluoromethane
 Concen: 102.478 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

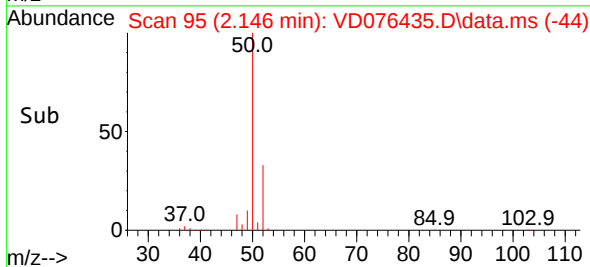
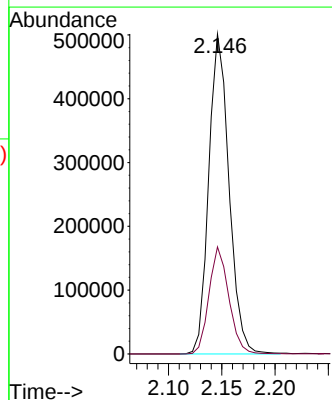
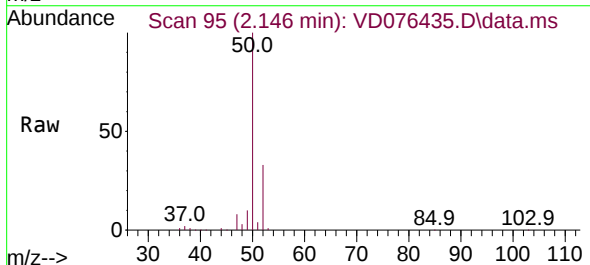
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100156

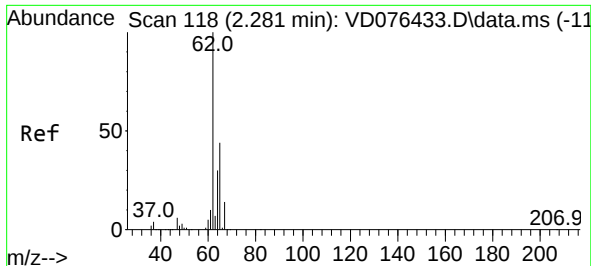
Tgt Ion: 85 Resp: 419205
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.3 39.5



#3
 Chloromethane
 Concen: 97.633 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

Tgt Ion: 50 Resp: 663938
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

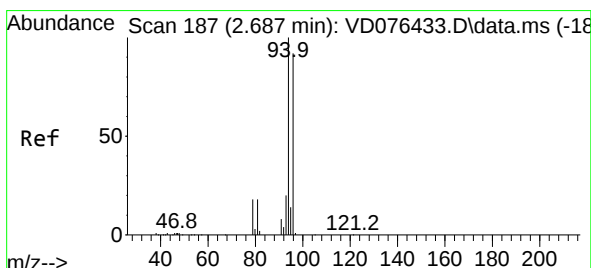
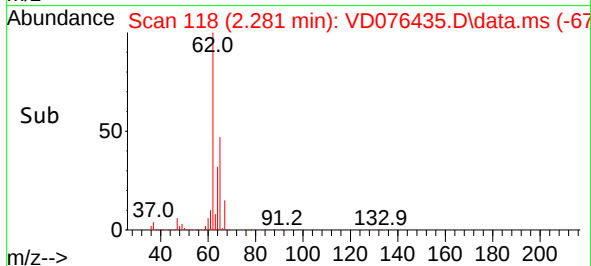
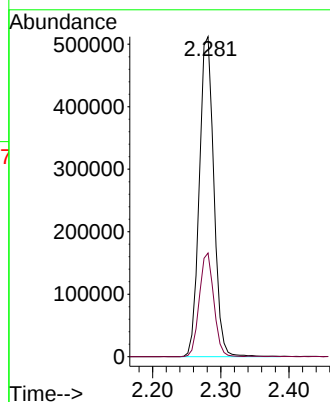
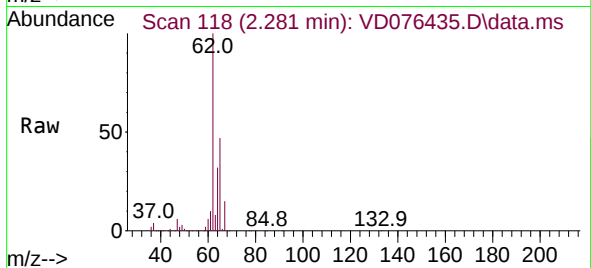




#5
 Vinyl chloride
 Concen: 103.476 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

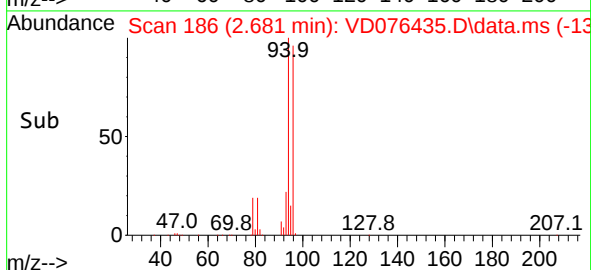
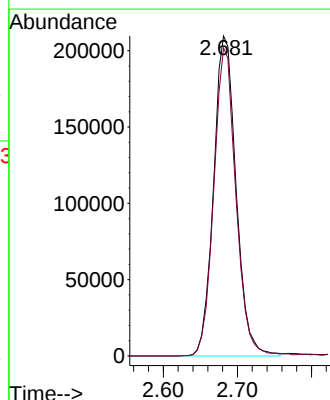
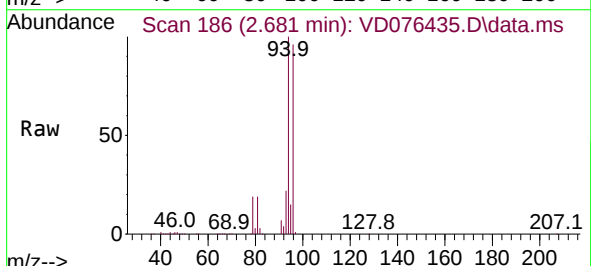
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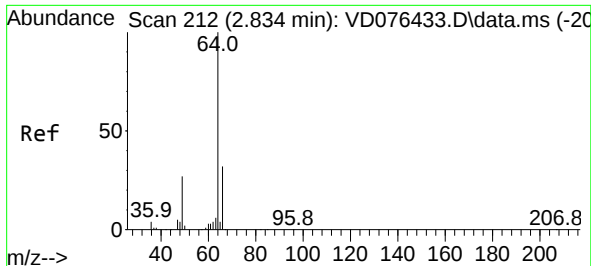
Tgt Ion: 62 Resp: 759107
 Ion Ratio Lower Upper
 62 100
 64 32.4 21.1 39.1



#6
 Bromomethane
 Concen: 108.861 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

Tgt Ion: 94 Resp: 442335
 Ion Ratio Lower Upper
 94 100
 96 96.2 64.7 120.1

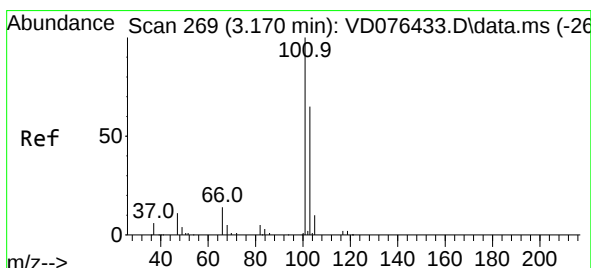
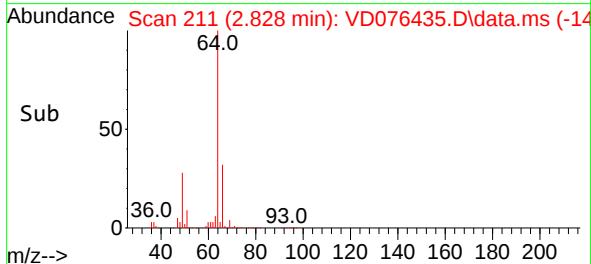
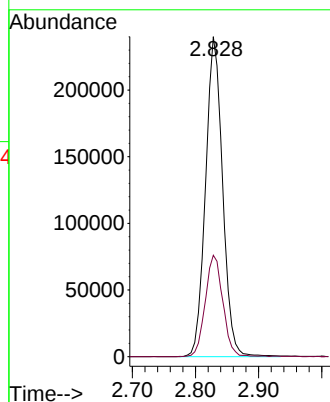
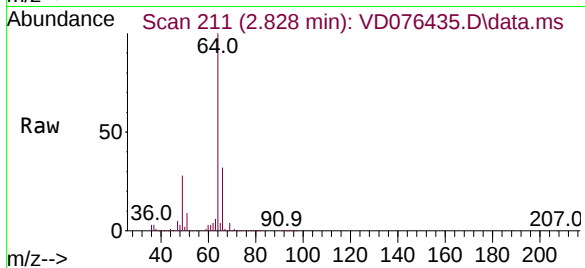




#8
Chloroethane
Concen: 100.424 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

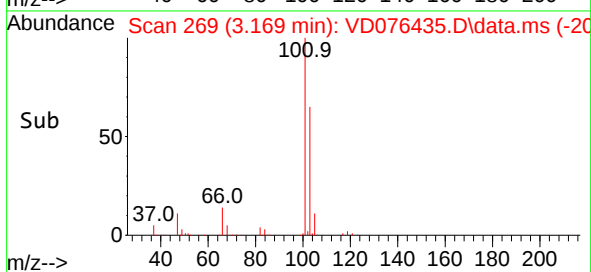
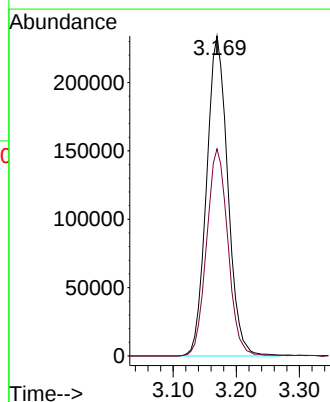
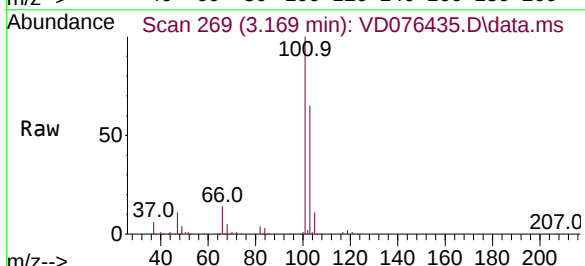
Instrument :
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ClientSampleId :
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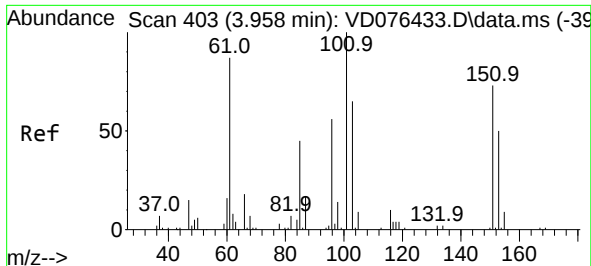
Tgt Ion: 64 Resp: 451273
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 103.078 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:101 Resp: 546755
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

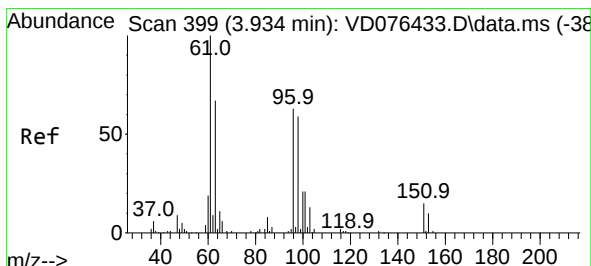
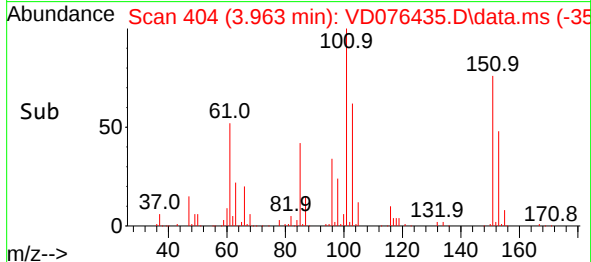
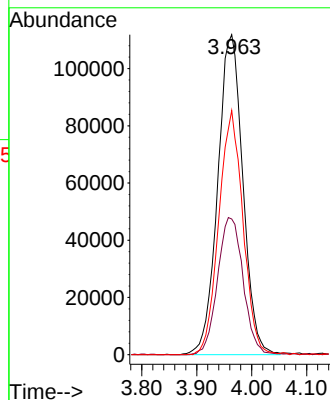
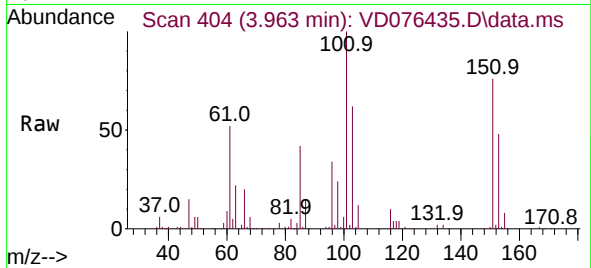




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 103.272 ug/L
 RT: 3.963 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

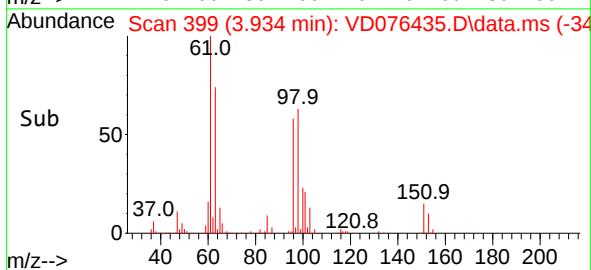
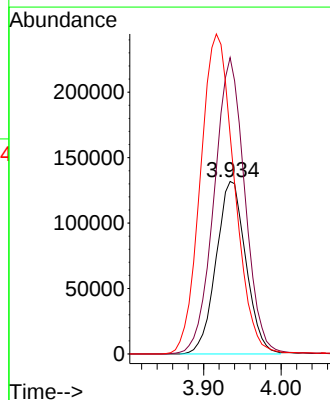
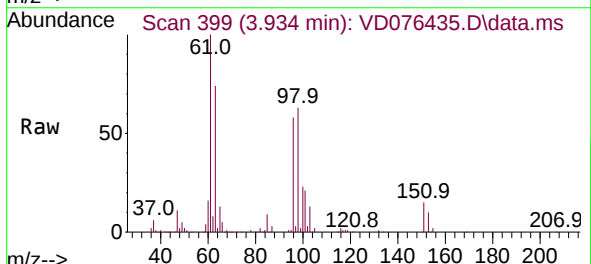
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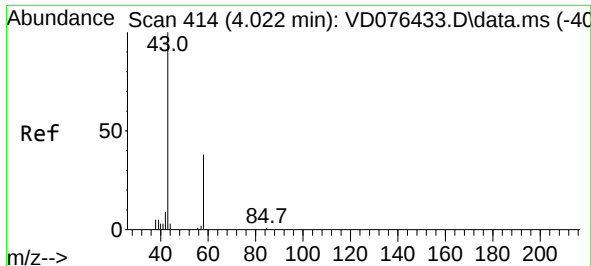
Tgt Ion:101 Resp: 355320
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.5 53.3
 151 73.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 102.828 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

Tgt Ion: 96 Resp: 351695
 Ion Ratio Lower Upper
 96 100
 61 171.7 113.0 209.8
 63 127.0 83.6 155.2





#13

Acetone

Concen: 171.266 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

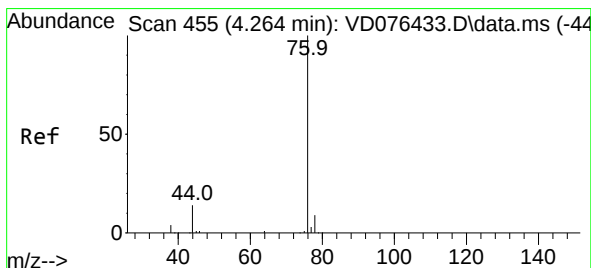
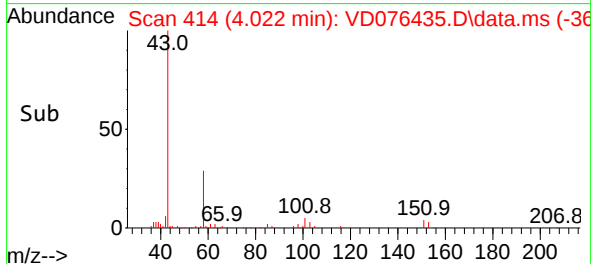
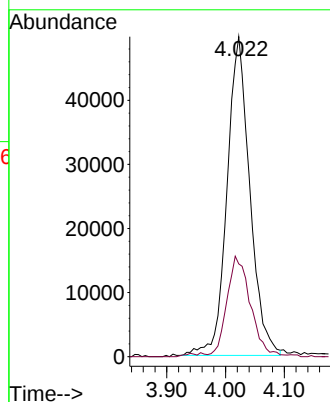
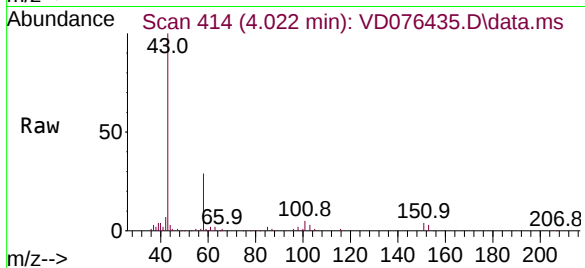
VSTD100156

Tgt Ion: 43 Resp: 134344

Ion Ratio Lower Upper

43 100

58 31.9 0.0 67.4



#14

Carbon disulfide

Concen: 102.606 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076435.D

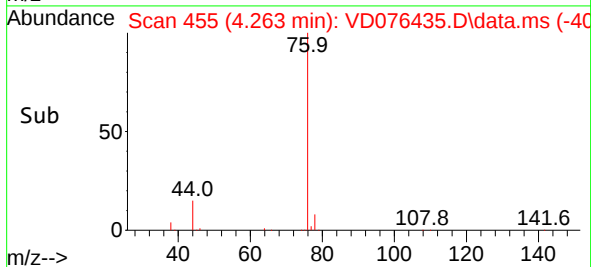
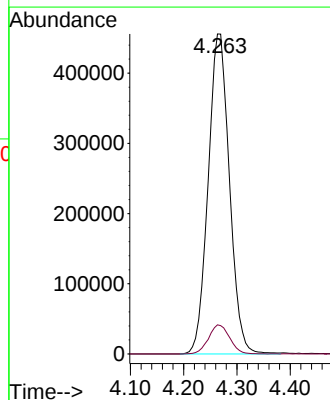
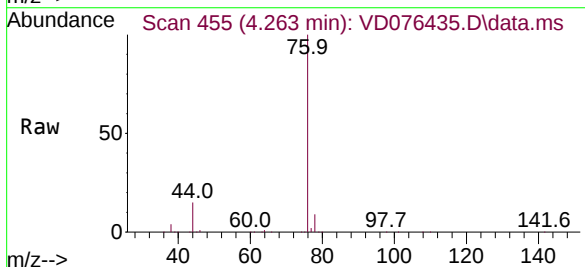
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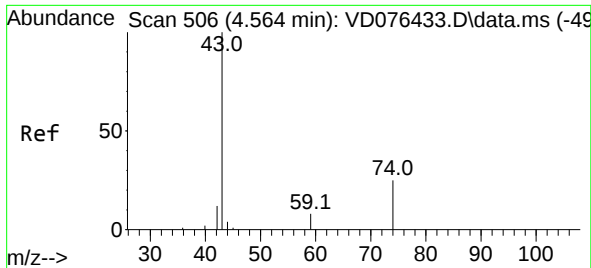
Tgt Ion: 76 Resp: 1267206

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

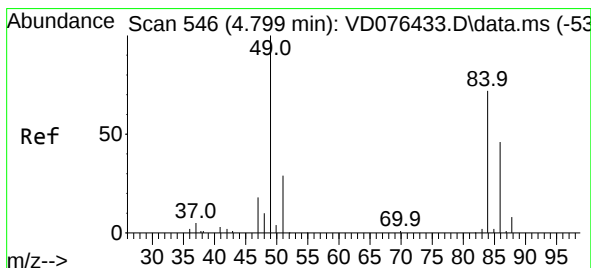
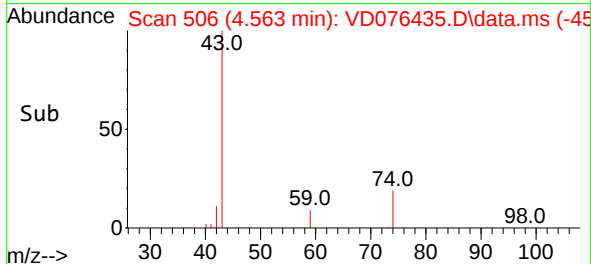
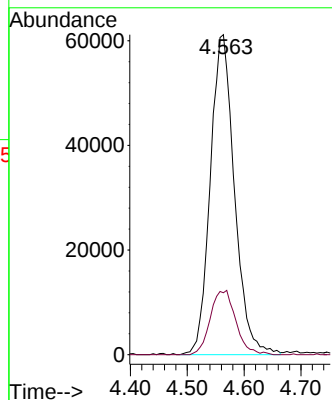
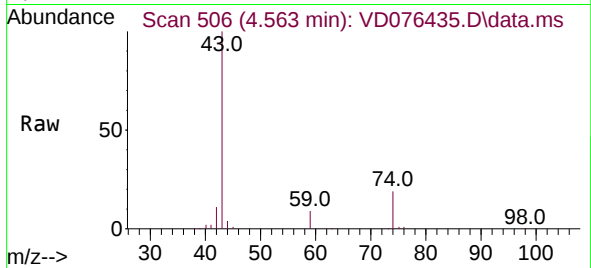




#15
Methyl Acetate
Concen: 95.863 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

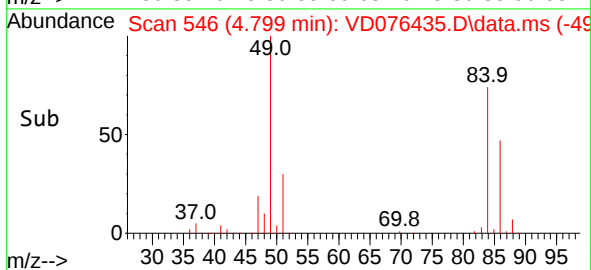
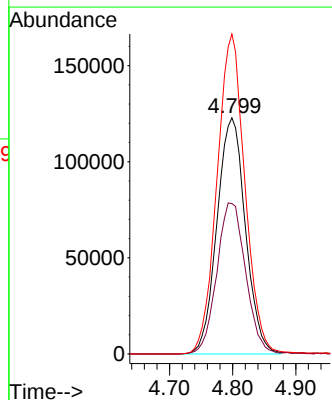
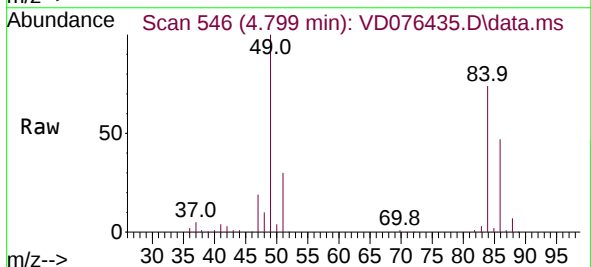
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

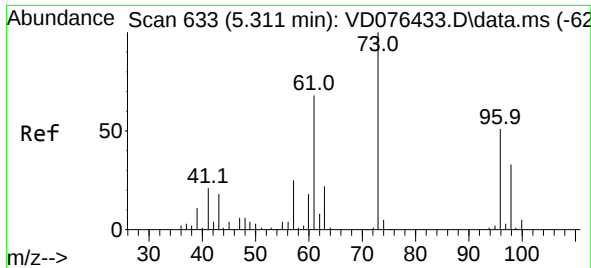
Tgt Ion: 43 Resp: 180826
Ion Ratio Lower Upper
43 100
74 21.0 18.2 27.2



#16
Methylene chloride
Concen: 84.136 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 84 Resp: 384464
Ion Ratio Lower Upper
84 100
86 63.7 45.1 83.9
49 135.5 97.2 180.6

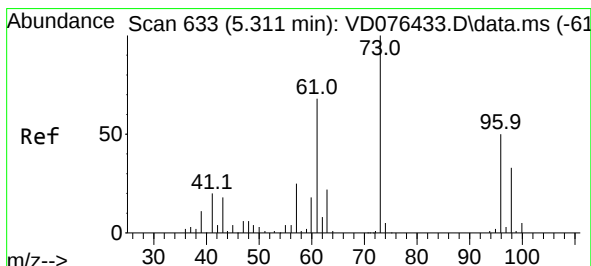
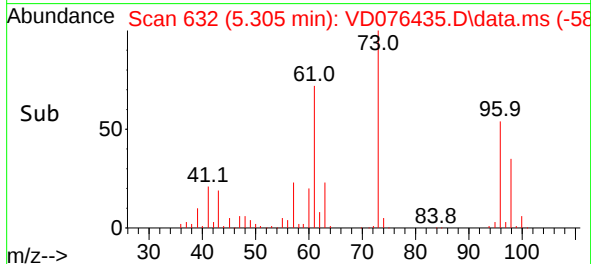
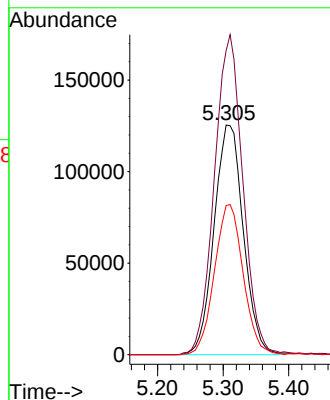
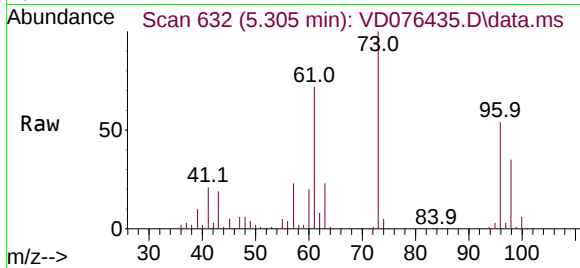




#17
trans-1,2-Dichloroethene
Concen: 101.893 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

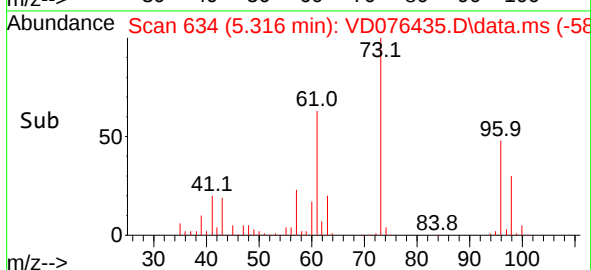
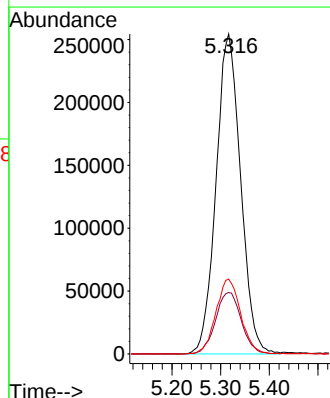
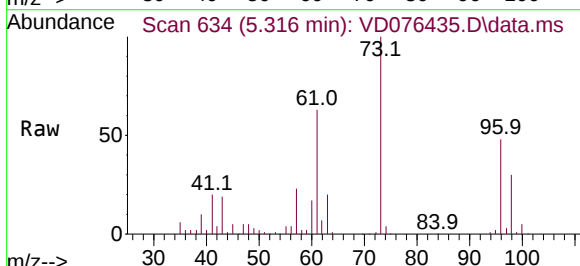
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

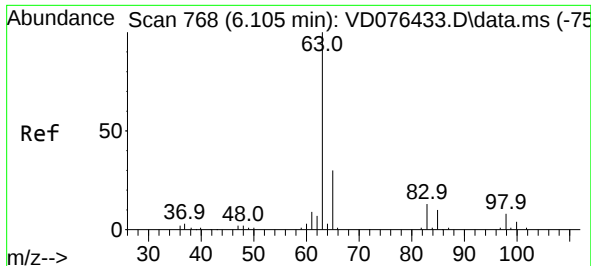
Tgt Ion: 96 Resp: 388540
Ion Ratio Lower Upper
96 100
61 132.4 94.5 175.5
98 64.9 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 103.052 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 73 Resp: 891163
Ion Ratio Lower Upper
73 100
43 20.2 7.2 10.8#
57 23.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 101.474 ug/L

RT: 6.110 min Scan# 70

Delta R.T. 0.006 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

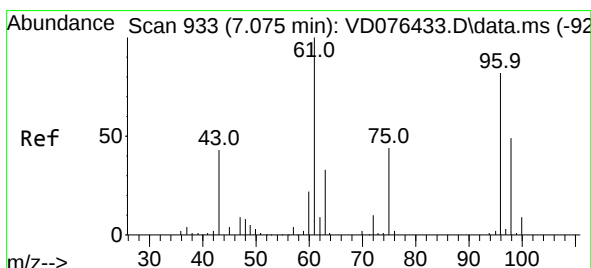
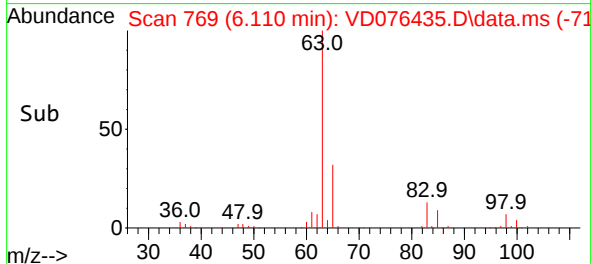
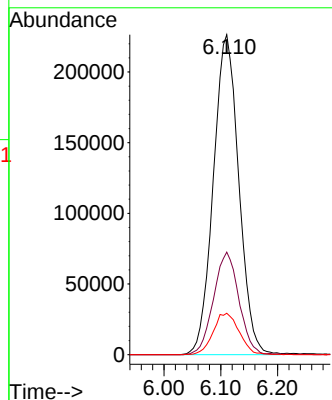
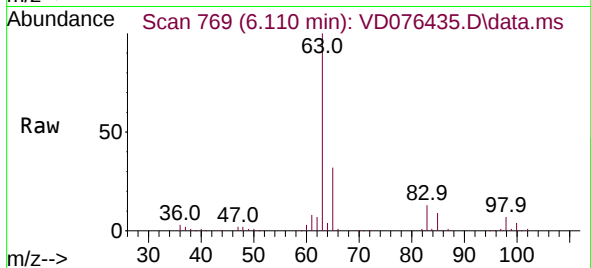
Tgt Ion: 63 Resp: 704690

Ion Ratio Lower Upper

63 100

65 32.1 20.8 38.6

83 13.0 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 100.890 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

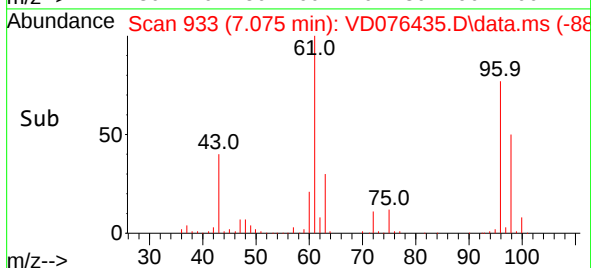
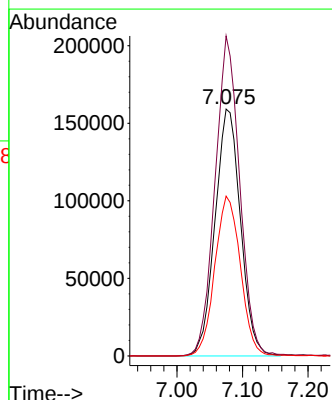
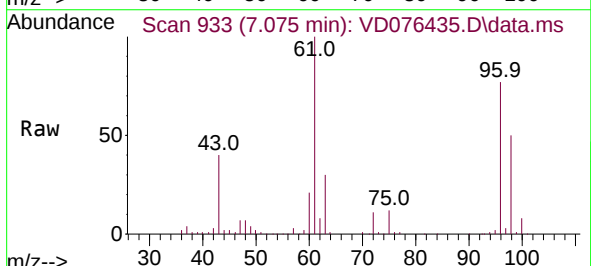
Tgt Ion: 96 Resp: 429462

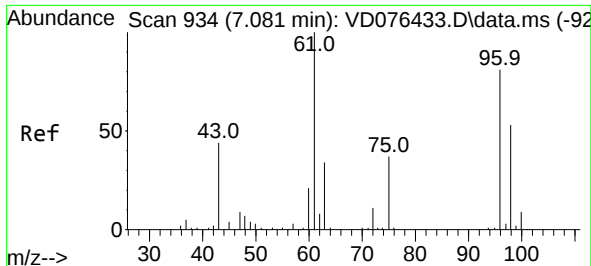
Ion Ratio Lower Upper

96 100

61 129.6 86.0 159.6

98 64.7 42.2 78.4

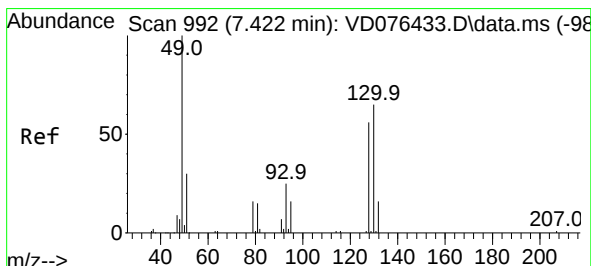
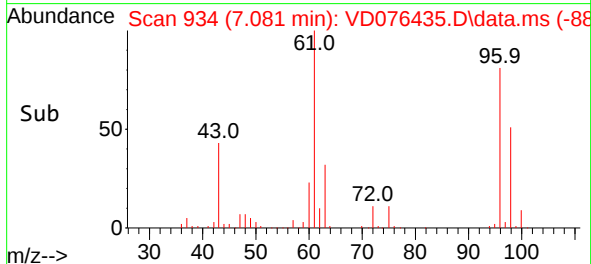
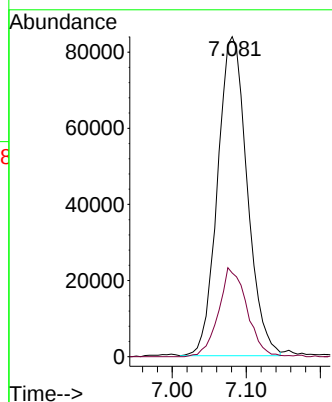
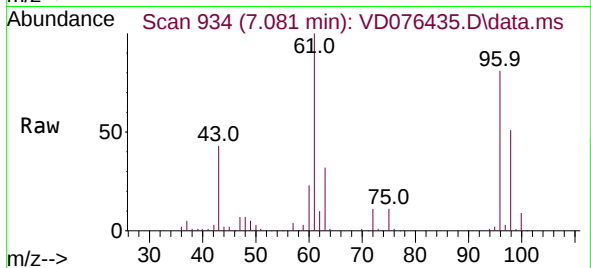




#22
2-Butanone
Concen: 174.022 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

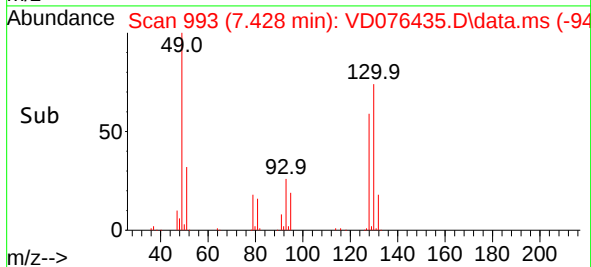
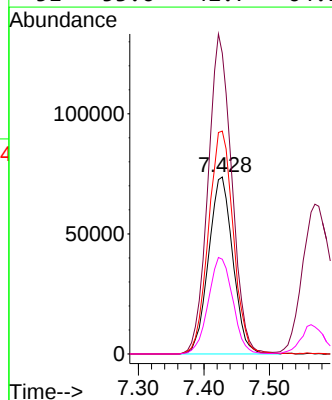
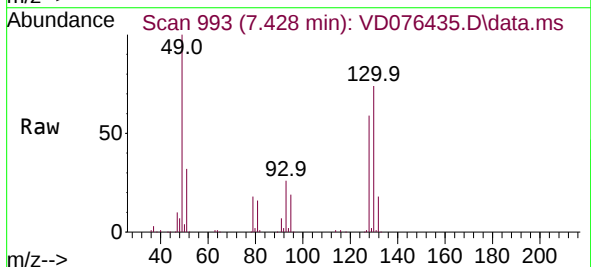
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

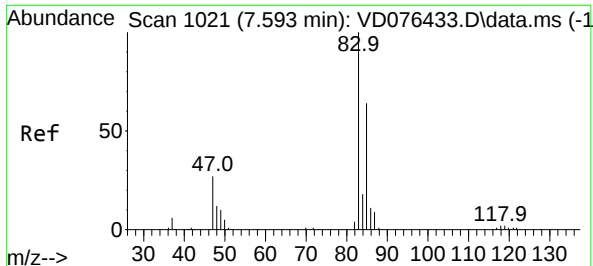
Tgt Ion: 43 Resp: 232450
Ion Ratio Lower Upper
43 100
72 26.7 12.9 38.7



#23
Bromochloromethane
Concen: 105.219 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:128 Resp: 189439
Ion Ratio Lower Upper
128 100
49 170.0 124.7 231.7
130 125.9 80.0 148.6
51 53.6 42.7 64.1





#25

Chloroform

Concen: 101.560 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

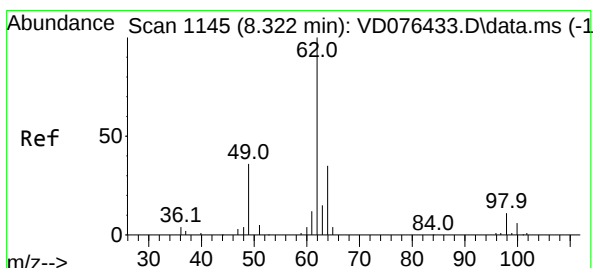
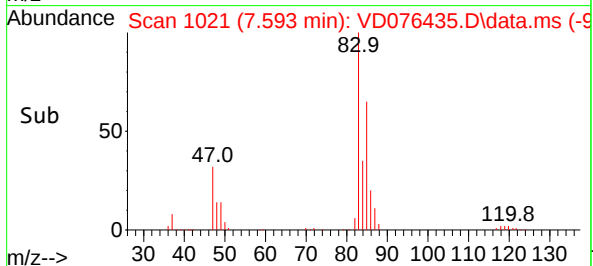
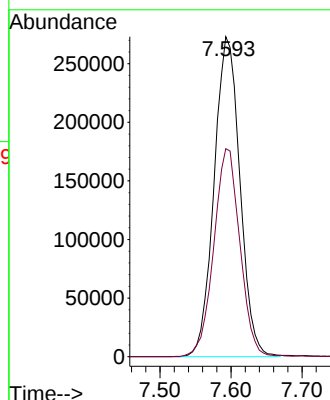
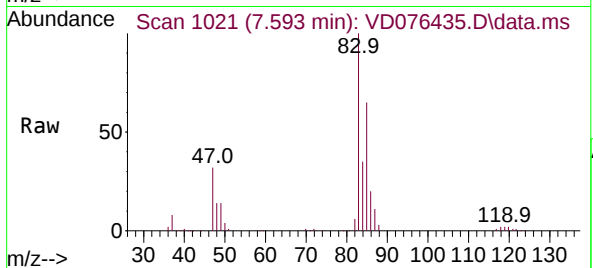
VSTD100156

Tgt Ion: 83 Resp: 688312

Ion Ratio Lower Upper

83 100

85 65.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 101.314 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD076435.D

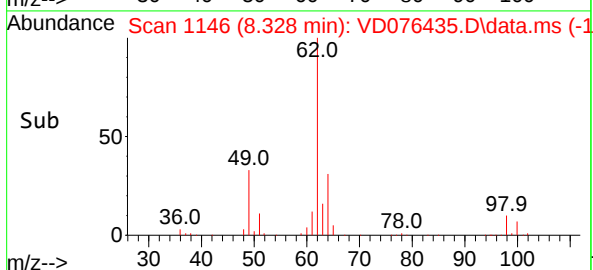
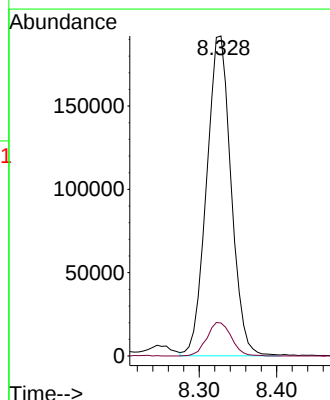
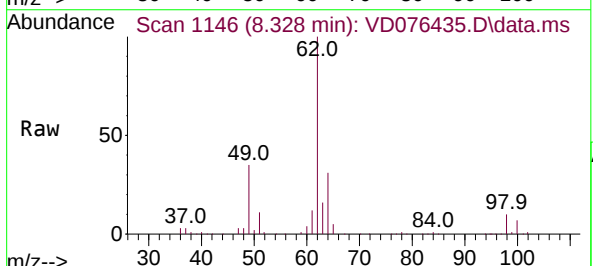
Acq: 15 Jun 2023 12:38

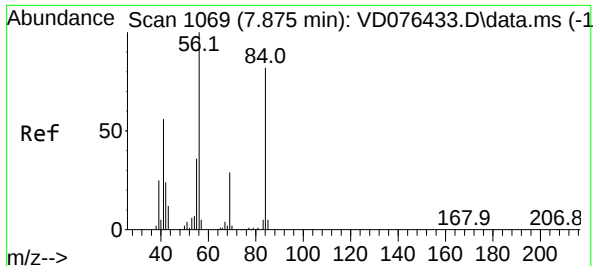
Tgt Ion: 62 Resp: 422269

Ion Ratio Lower Upper

62 100

98 10.3 8.7 13.1





#29

Cyclohexane

Concen: 101.330 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

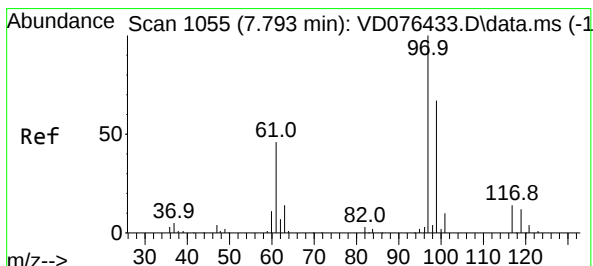
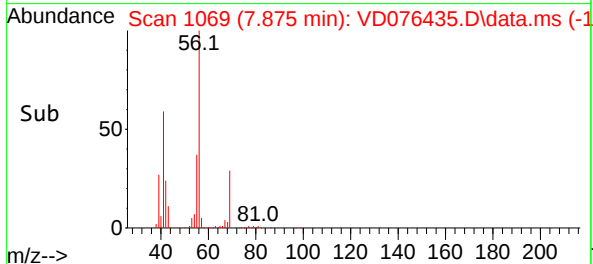
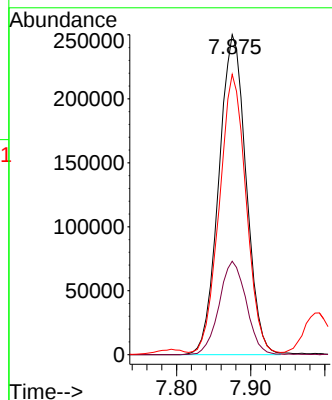
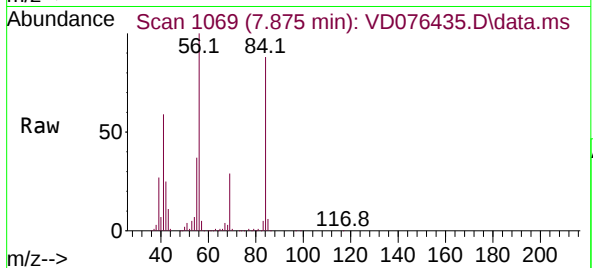
Tgt Ion: 56 Resp: 639985

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 86.0 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 103.135 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

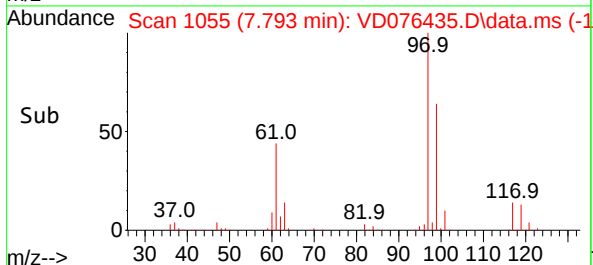
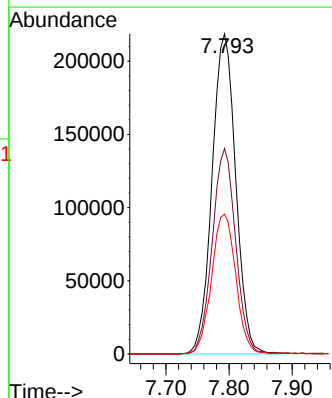
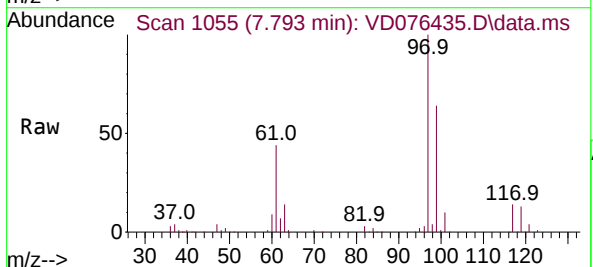
Tgt Ion: 97 Resp: 569055

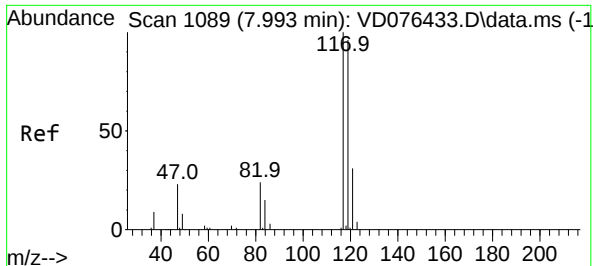
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.6

61 44.7 36.4 54.6

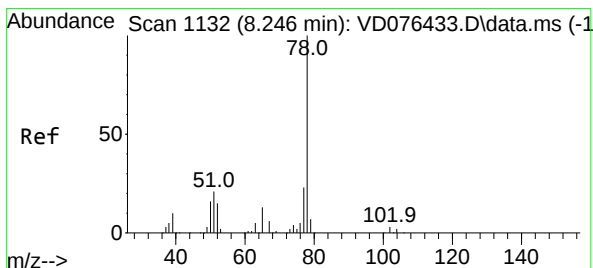
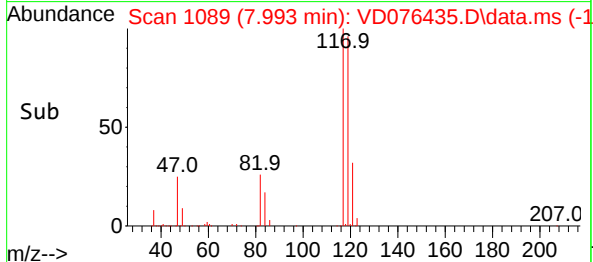
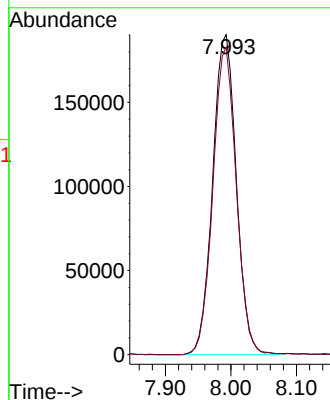
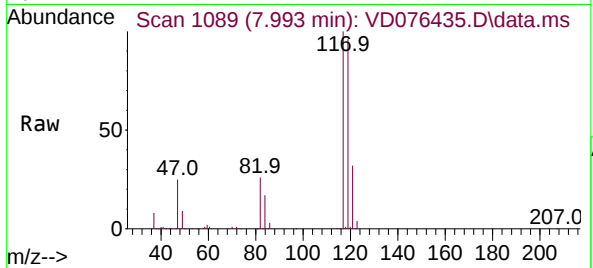




#31
Carbon tetrachloride
Concen: 107.926 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

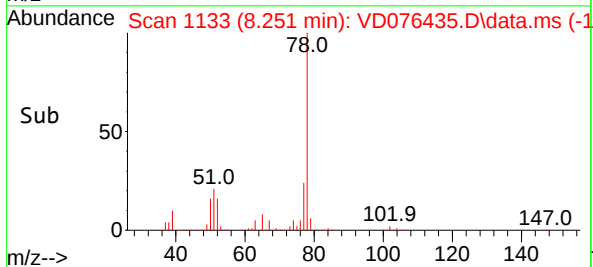
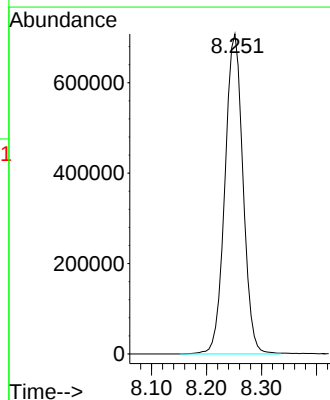
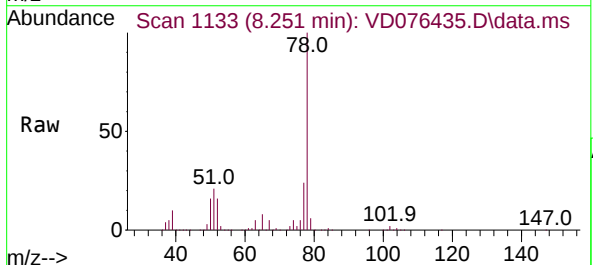
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

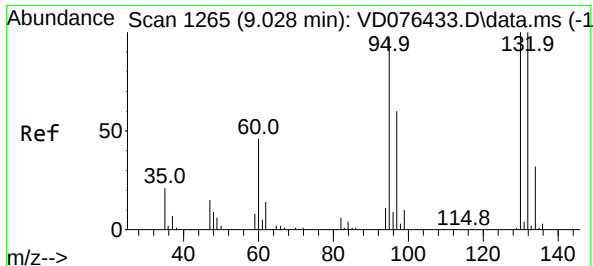
Tgt Ion:117 Resp: 476241
Ion Ratio Lower Upper
117 100
119 95.1 77.8 116.6



#33
Benzene
Concen: 102.808 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 78 Resp: 1616069





#34

Trichloroethene

Concen: 101.583 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

Tgt Ion: 95 Resp: 410192

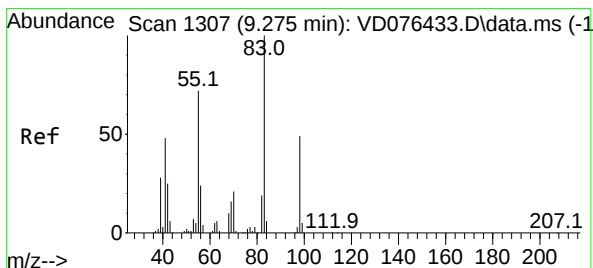
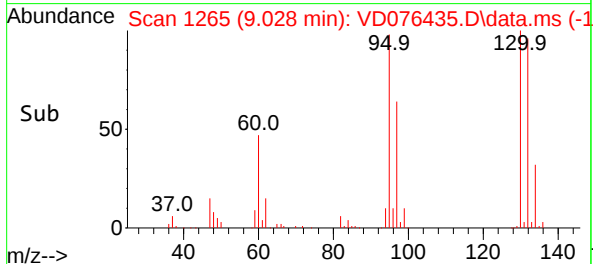
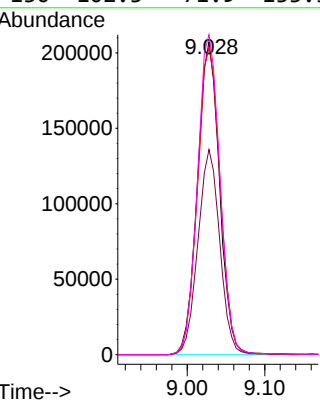
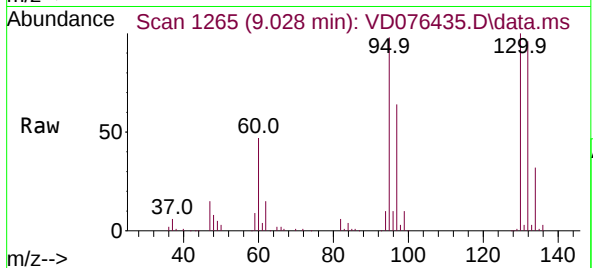
Ion Ratio Lower Upper

95 100

97 65.6 43.1 80.1

132 98.2 71.8 133.4

130 102.3 71.9 133.5



#35

Methylcyclohexane

Concen: 104.903 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

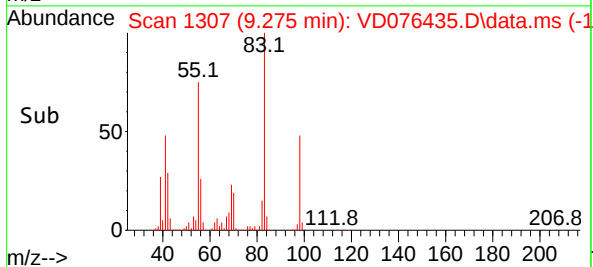
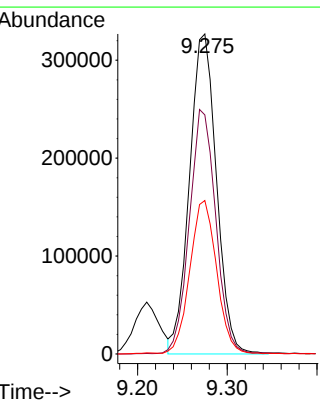
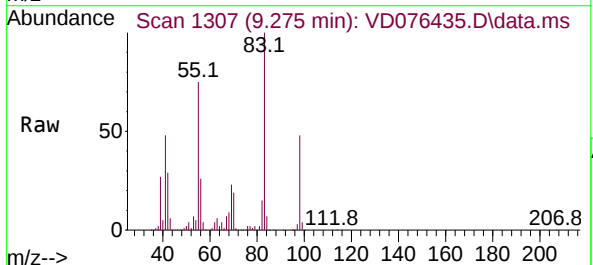
Tgt Ion: 83 Resp: 683090

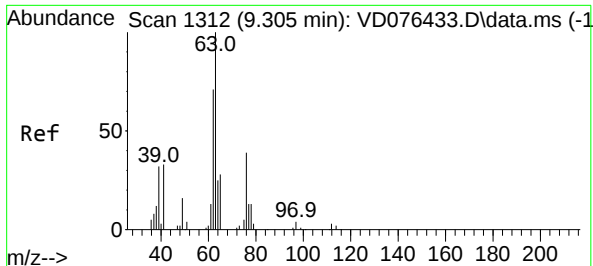
Ion Ratio Lower Upper

83 100

55 74.5 59.8 89.6

98 47.7 37.8 56.6

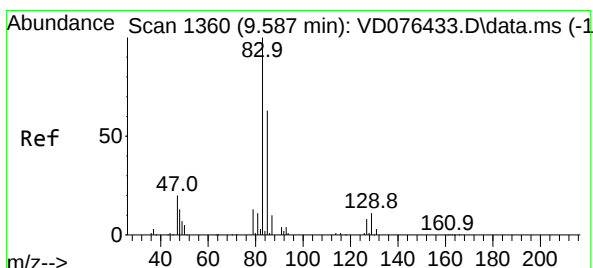
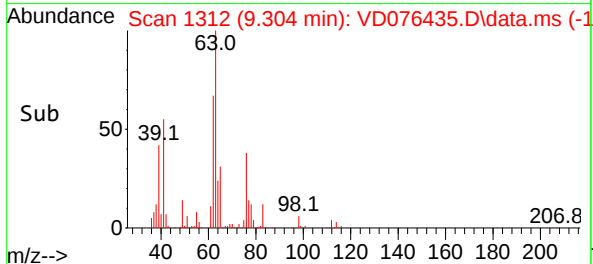
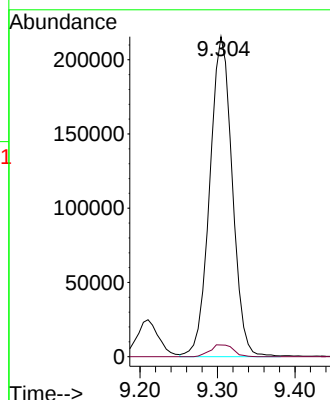
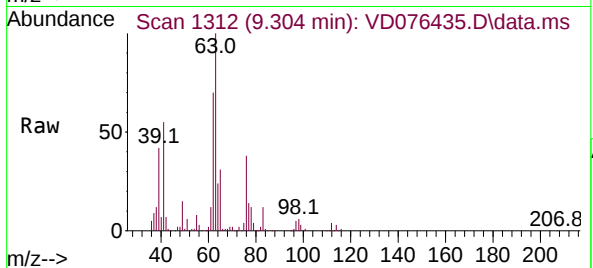




#37
1,2-Dichloropropane
Concen: 101.605 ug/L
RT: 9.304 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

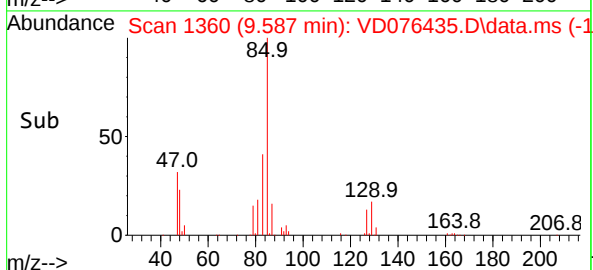
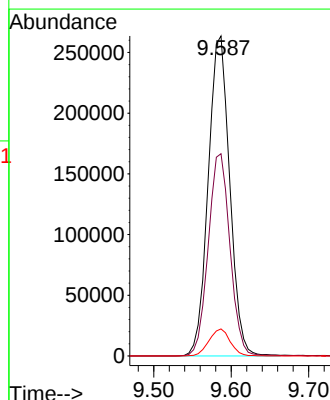
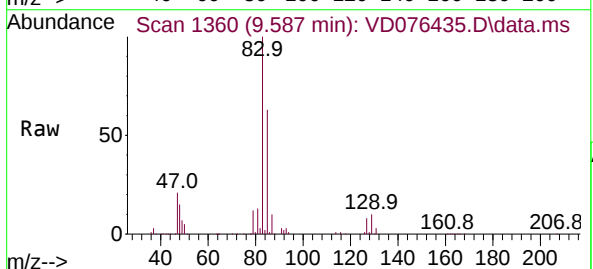
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

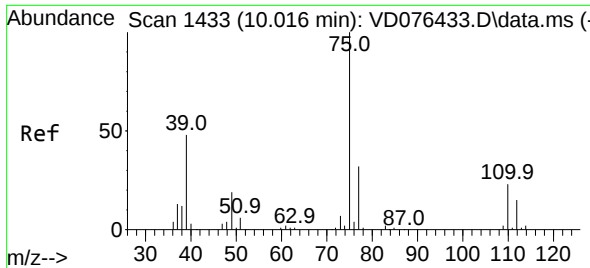
Tgt Ion: 63 Resp: 435440
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7



#38
Bromodichloromethane
Concen: 103.931 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 83 Resp: 508014
Ion Ratio Lower Upper
83 100
85 63.2 43.9 81.5
127 8.4 6.6 9.8

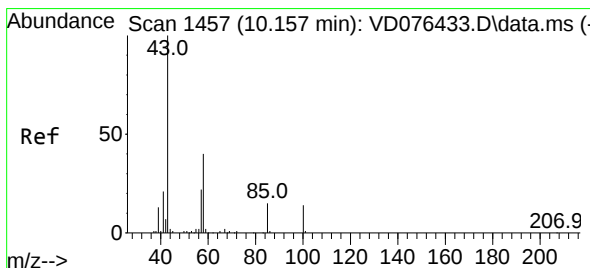
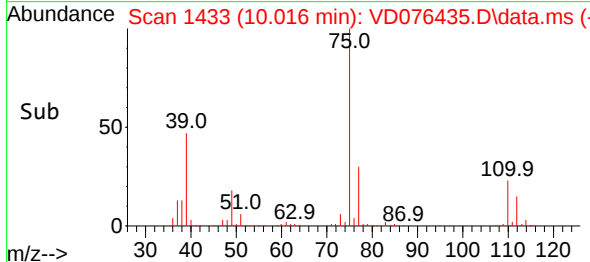
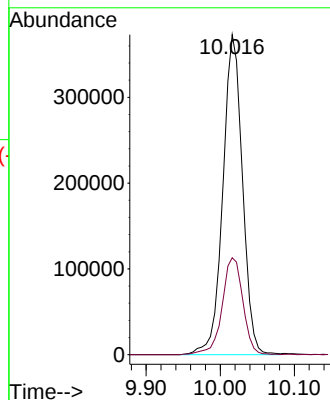
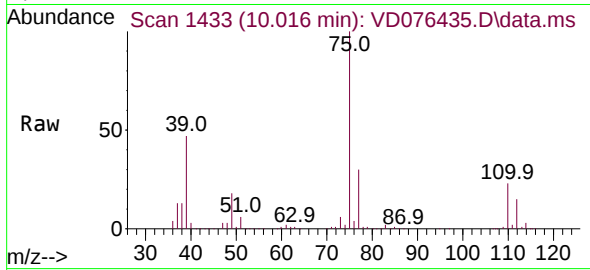




#39
 cis-1,3-Dichloropropene
 Concen: 104.676 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

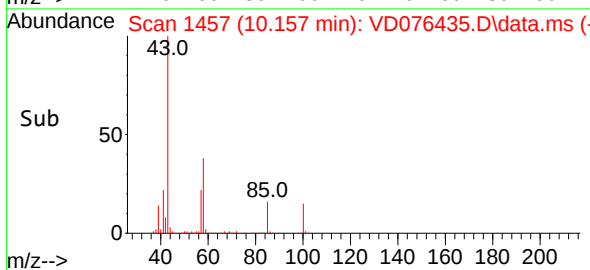
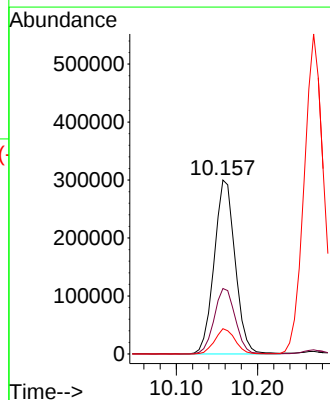
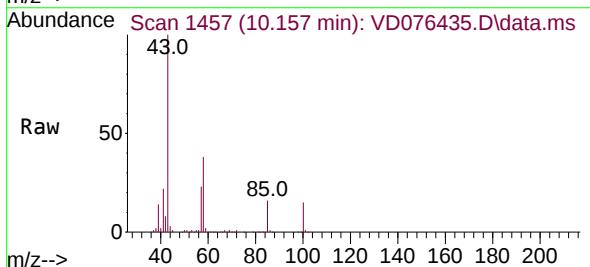
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100156

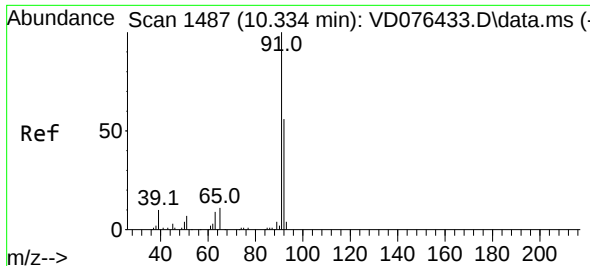
Tgt Ion: 75 Resp: 685002
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 201.982 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD076435.D
 Acq: 15 Jun 2023 12:38

Tgt Ion: 43 Resp: 538493
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.7 46.1
 100 14.1 11.0 16.4

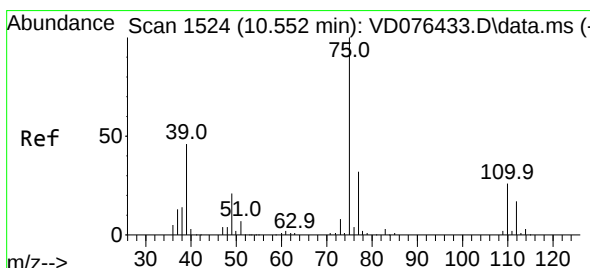
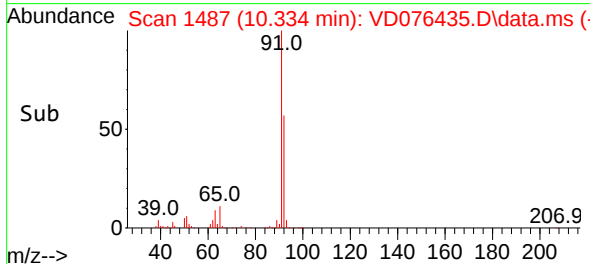
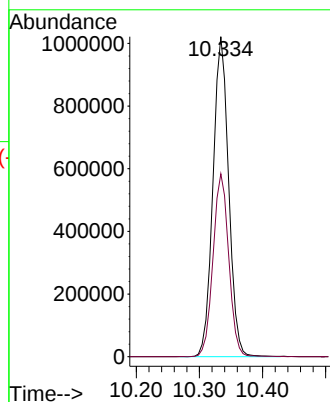
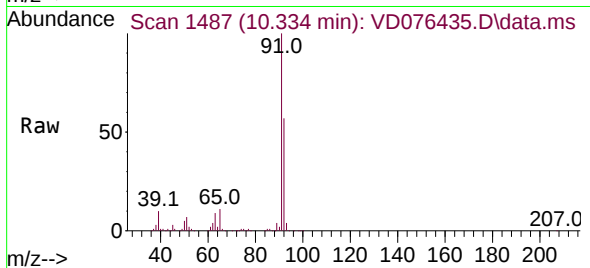




#42
Toluene
Concen: 104.773 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

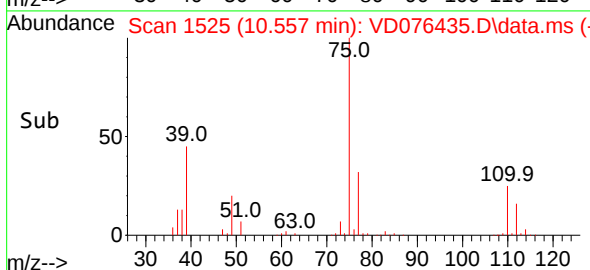
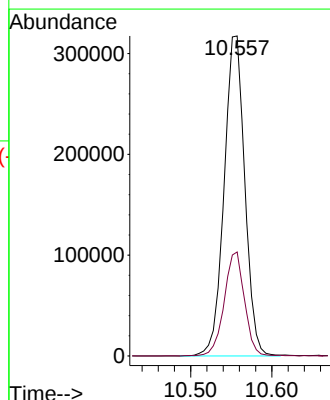
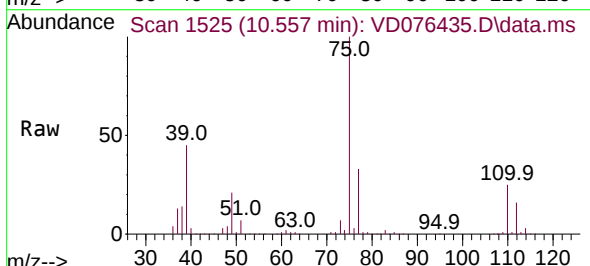
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

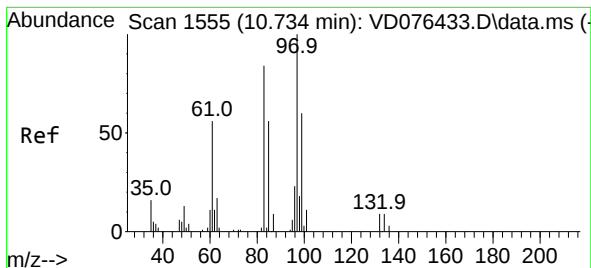
Tgt Ion: 91 Resp: 1759996
Ion Ratio Lower Upper
91 100
92 57.2 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 105.836 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 75 Resp: 562959
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 101.731 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

Tgt Ion: 97 Resp: 299043

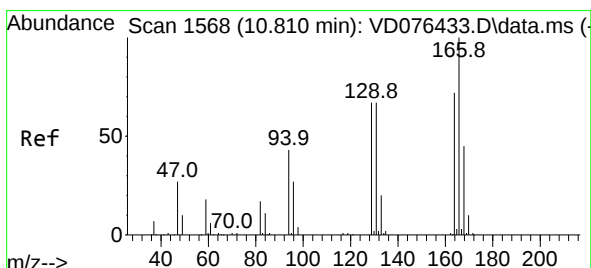
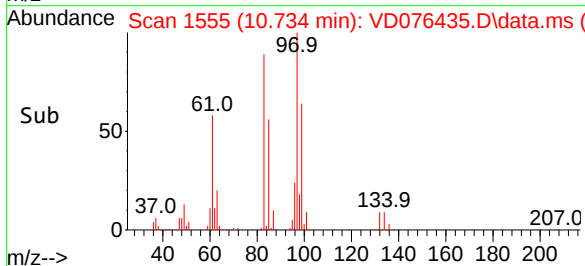
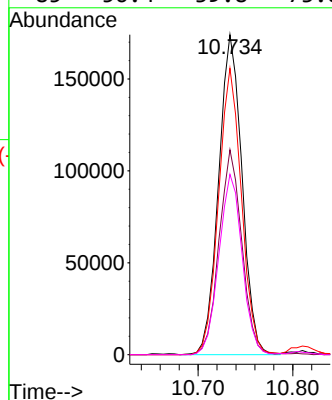
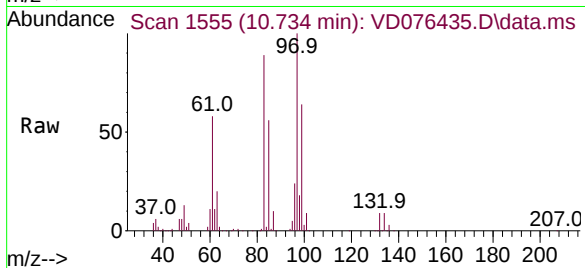
Ion Ratio Lower Upper

97 100

99 64.1 41.9 77.9

83 89.5 59.2 110.0

85 56.4 39.8 73.8



#46

Tetrachloroethene

Concen: 101.141 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Tgt Ion:164 Resp: 321071

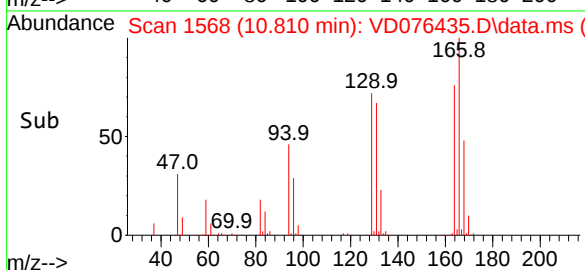
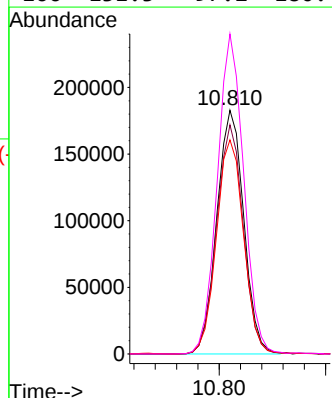
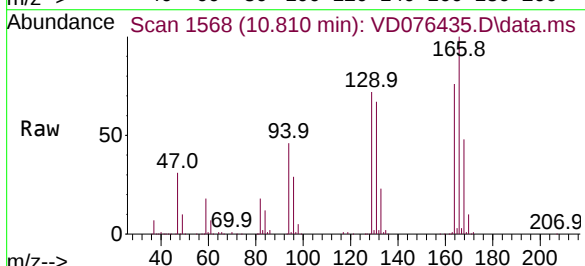
Ion Ratio Lower Upper

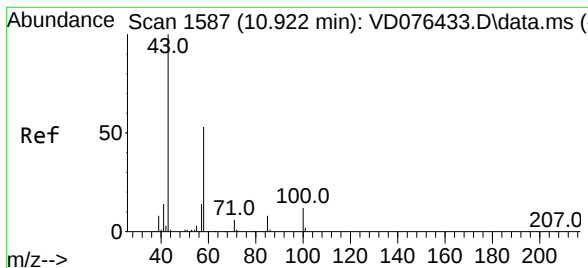
164 100

129 94.0 65.5 121.6

131 87.9 64.8 120.3

166 131.3 97.2 180.4

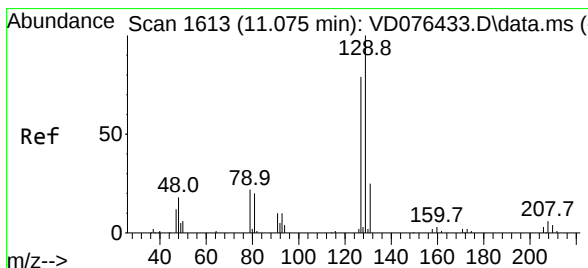
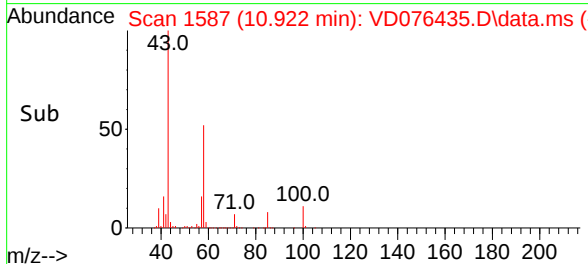
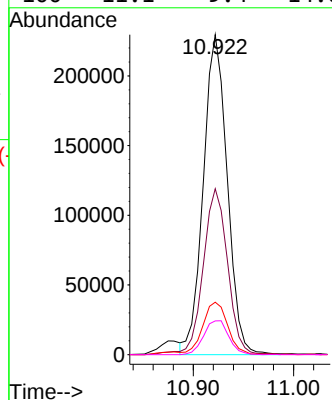
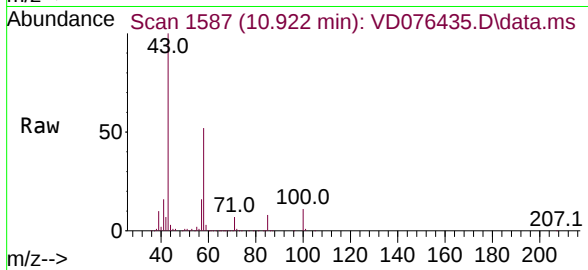




#48
2-Hexanone
Concen: 209.078 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

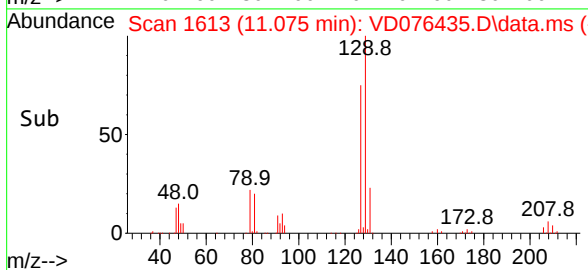
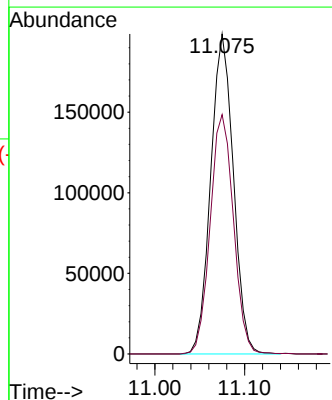
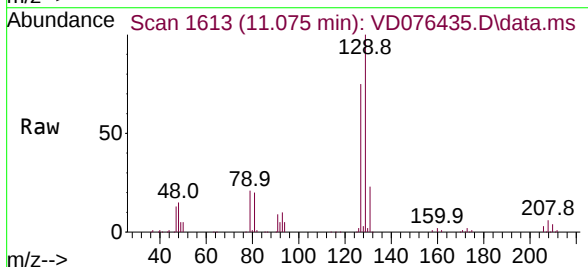
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

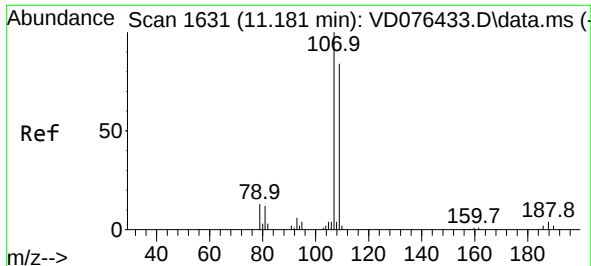
Tgt Ion: 43 Resp: 381757
Ion Ratio Lower Upper
43 100
58 52.8 42.9 64.3
57 17.2 13.7 20.5
100 11.1 9.4 14.0



#49
Dibromochloromethane
Concen: 104.240 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 129 Resp: 348227
Ion Ratio Lower Upper
129 100
127 74.8 55.2 102.6

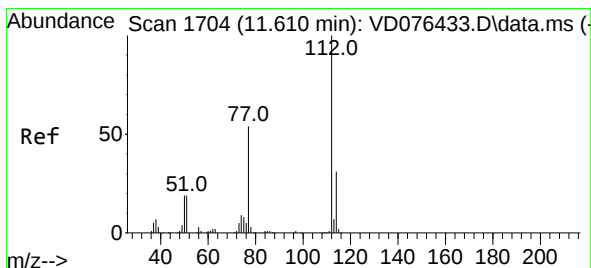
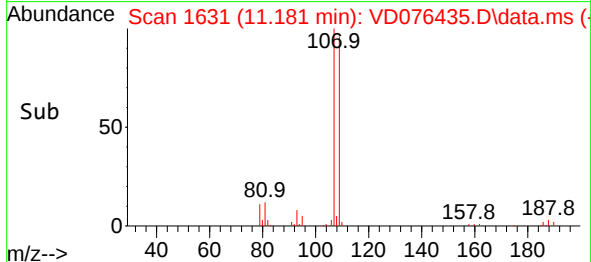
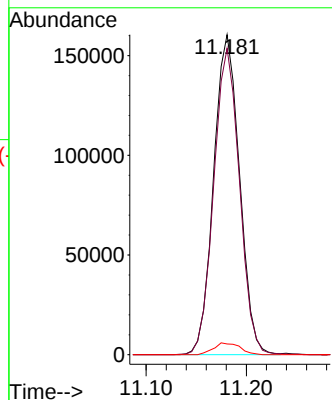
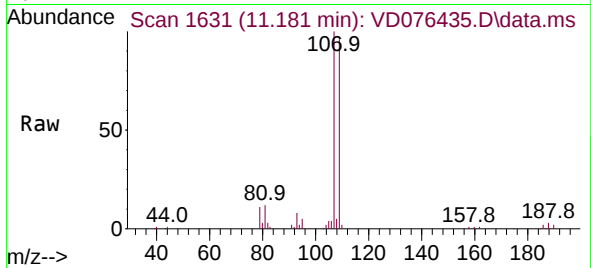




#50
1,2-Dibromoethane
Concen: 100.893 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

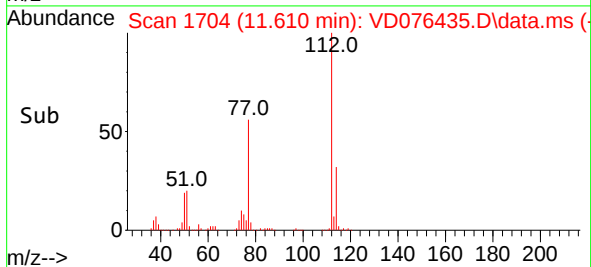
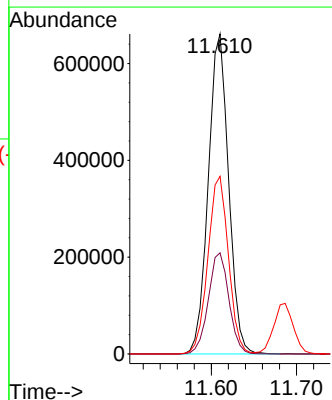
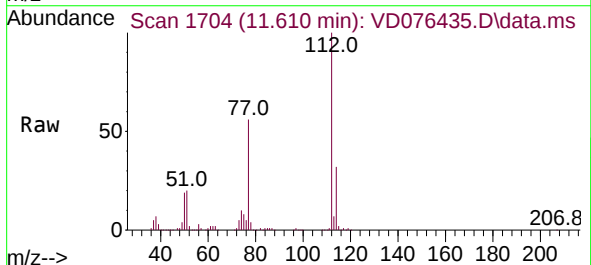
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

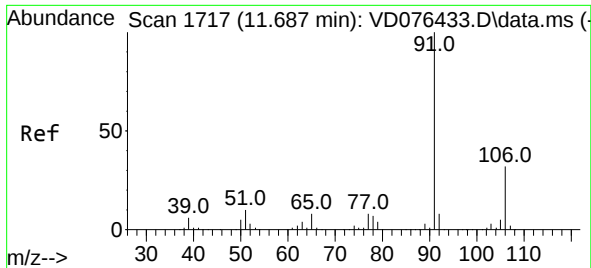
Tgt Ion:107 Resp: 287857
Ion Ratio Lower Upper
107 100
109 95.8 58.8 109.2
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 104.393 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:112 Resp: 1094822
Ion Ratio Lower Upper
112 100
114 31.6 21.5 39.9
77 55.5 43.4 65.2

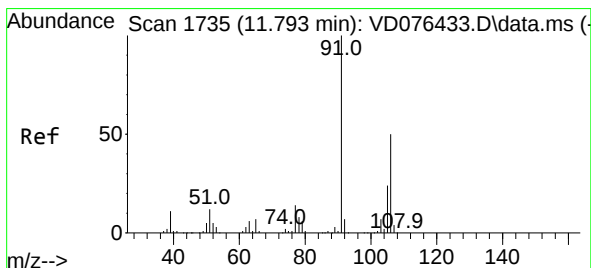
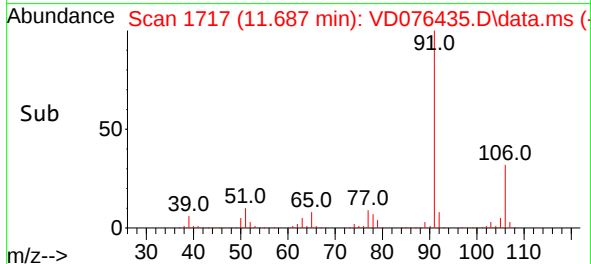
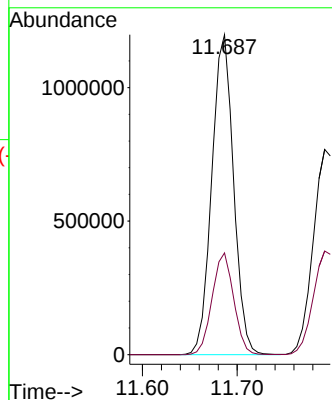
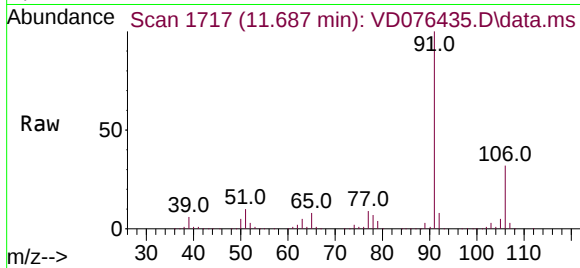




#52
Ethylbenzene
Concen: 105.706 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

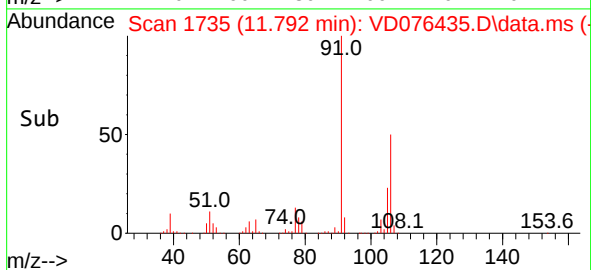
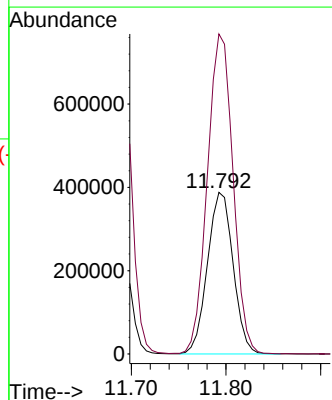
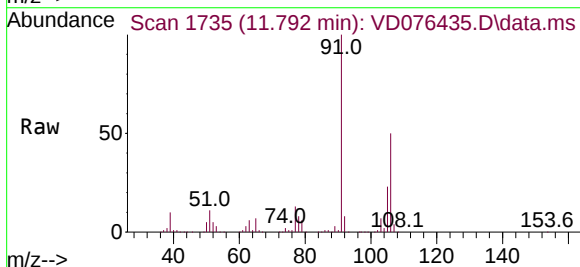
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

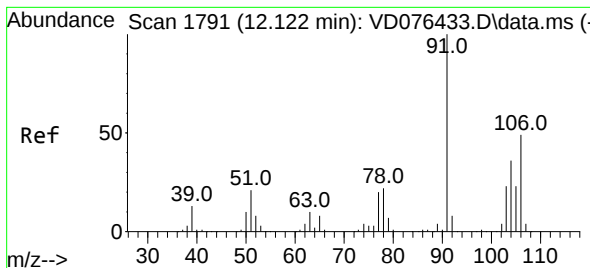
Tgt Ion: 91 Resp: 1913903
Ion Ratio Lower Upper
91 100
106 31.8 22.4 41.6



#53
m,p-Xylene
Concen: 102.833 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion: 106 Resp: 731697
Ion Ratio Lower Upper
106 100
91 198.1 141.5 262.9





#54

o-Xylene

Concen: 107.255 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

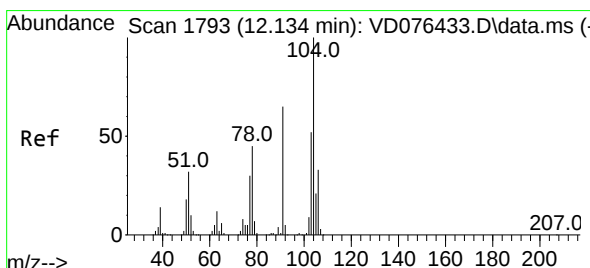
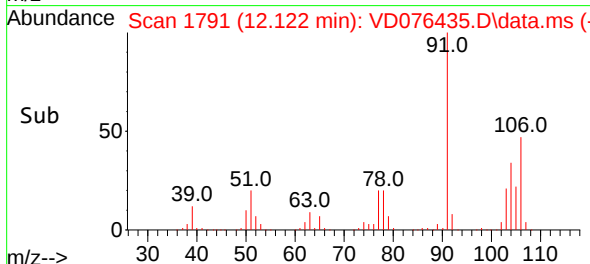
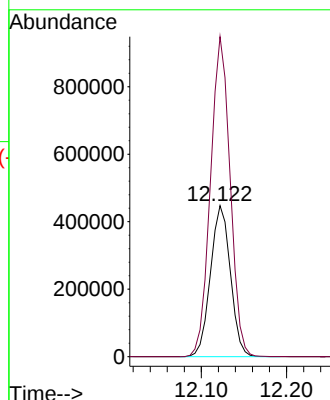
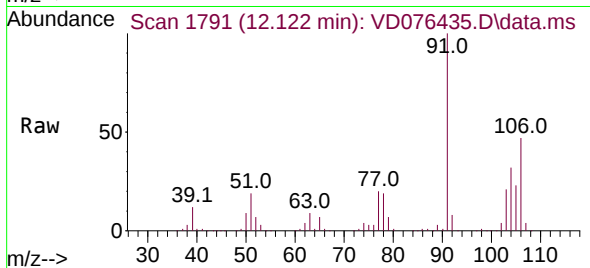
VSTD100156

Tgt Ion:106 Resp: 726644

Ion Ratio Lower Upper

106 100

91 211.8 142.2 264.2



#55

Styrene

Concen: 107.661 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076435.D

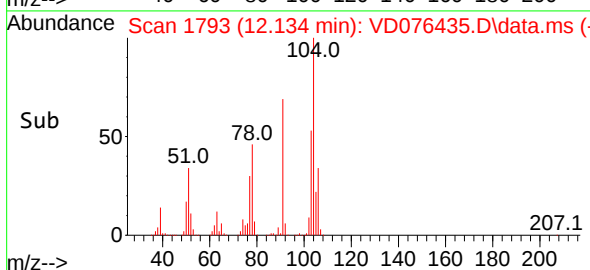
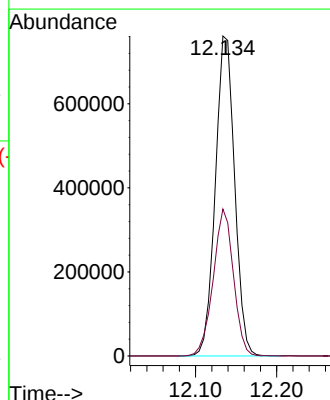
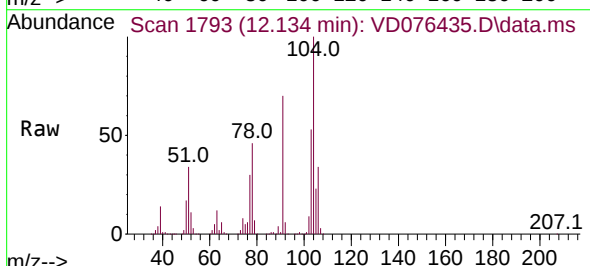
Acq: 15 Jun 2023 12:38

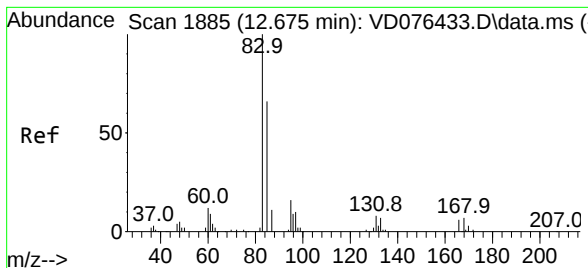
Tgt Ion:104 Resp: 1260160

Ion Ratio Lower Upper

104 100

78 45.9 31.3 58.1

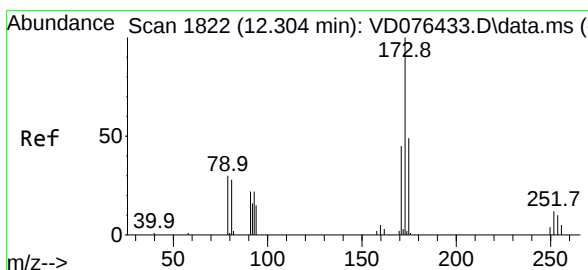
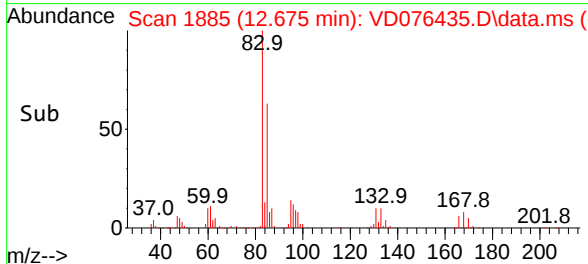
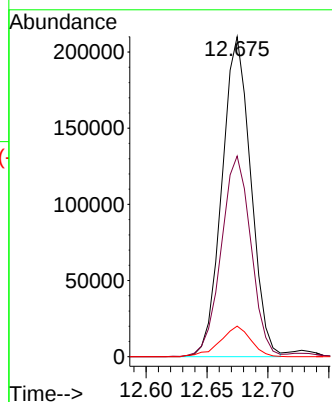
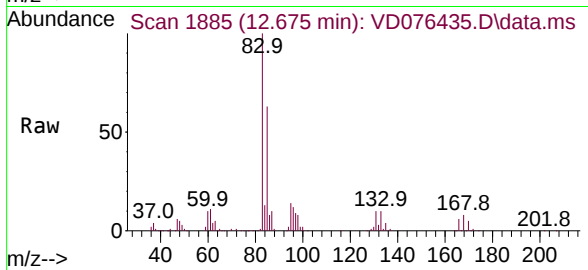




#57
1,1,2,2-Tetrachloroethane
Concen: 102.929 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

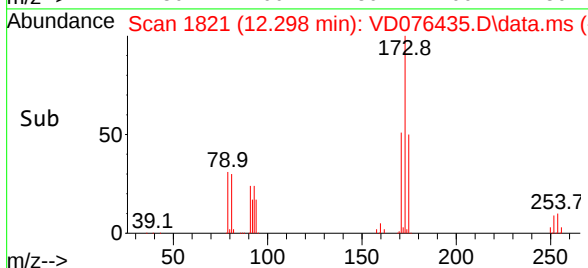
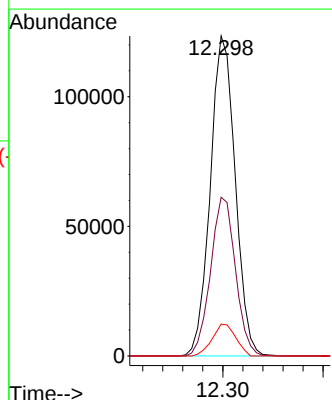
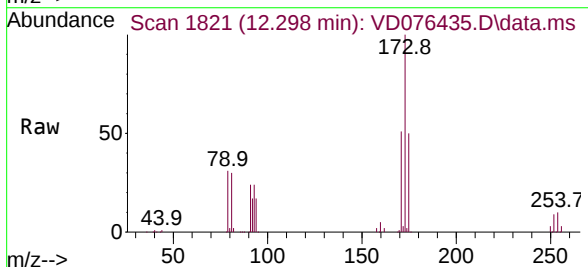
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

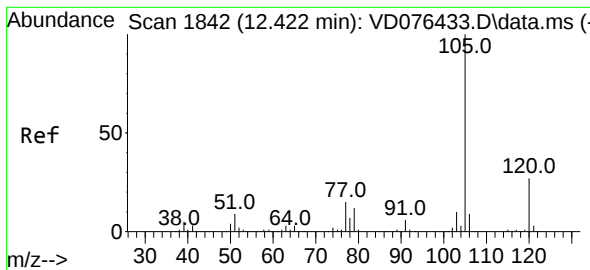
Tgt Ion: 83 Resp: 345785
Ion Ratio Lower Upper
83 100
85 62.7 46.3 86.1
131 9.6 7.0 10.4



#59
Bromoform
Concen: 103.825 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:173 Resp: 213046
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.4
254 9.4 5.3 7.9#





#60

Isopropylbenzene

Concen: 106.591 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

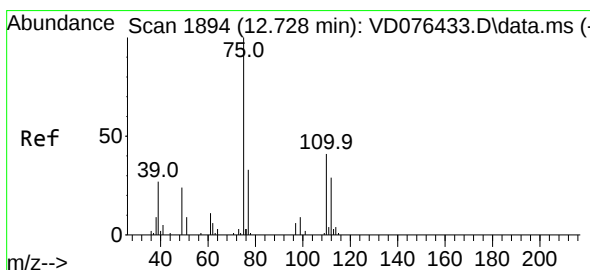
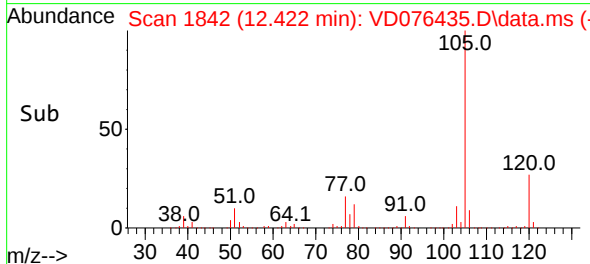
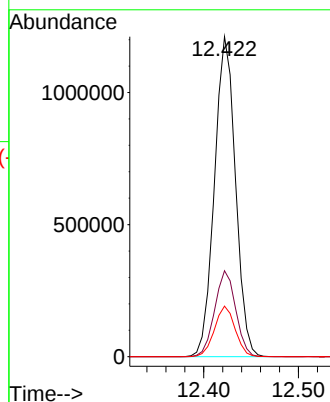
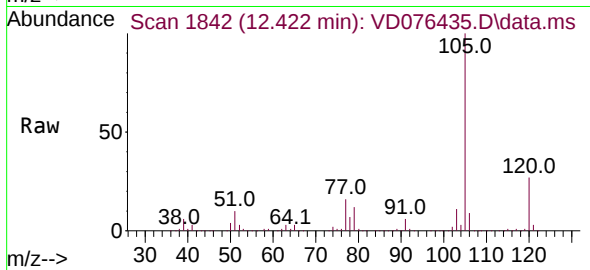
Tgt Ion:105 Resp: 1868772

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 15.5 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 101.588 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

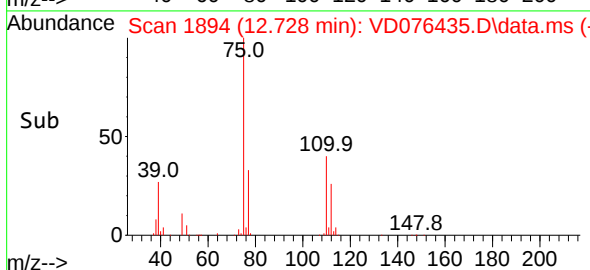
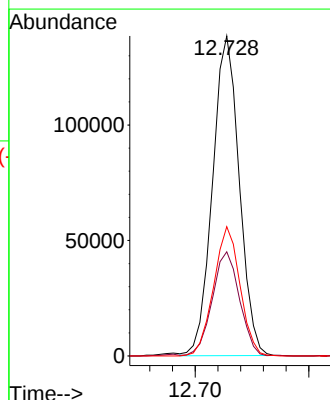
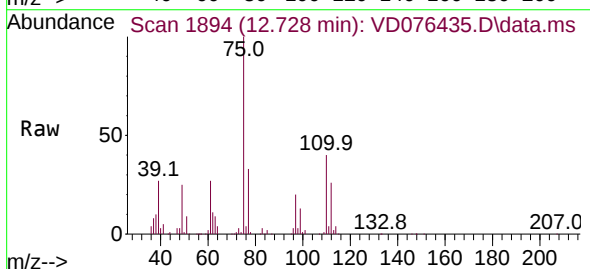
Tgt Ion: 75 Resp: 225985

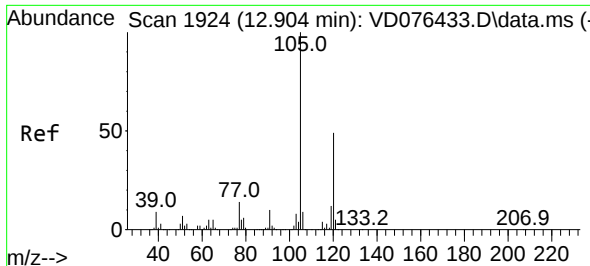
Ion Ratio Lower Upper

75 100

77 33.3 27.2 40.8

110 39.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 106.372 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

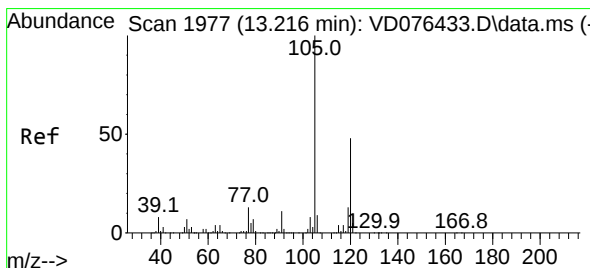
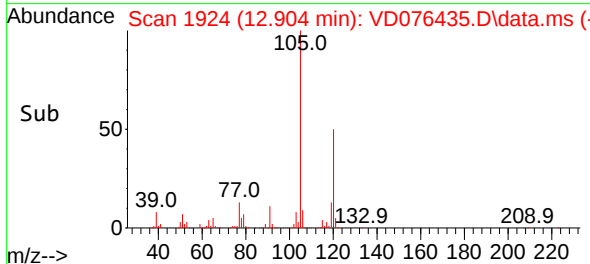
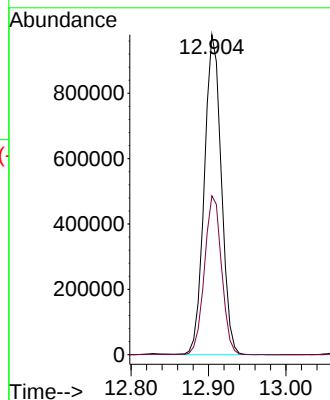
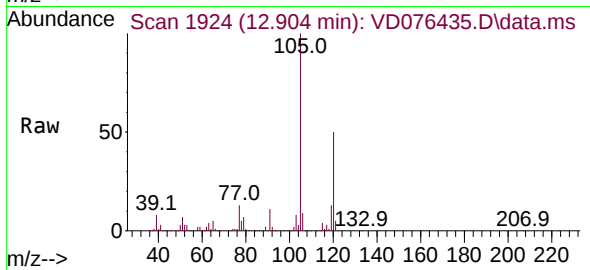
VSTD100156

Tgt Ion:105 Resp: 1492091

Ion Ratio Lower Upper

105 100

120 50.0 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 106.019 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD076435.D

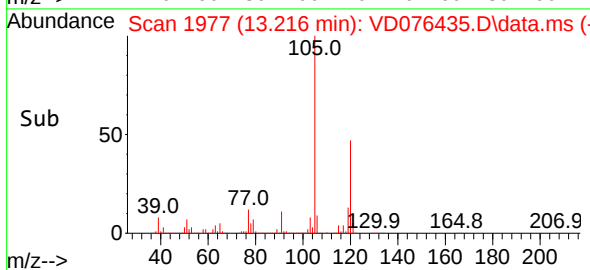
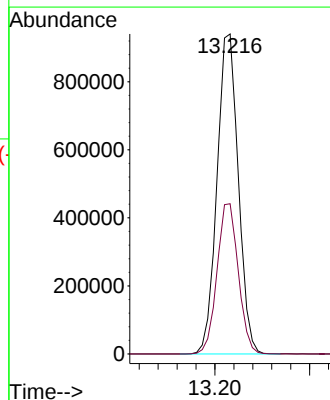
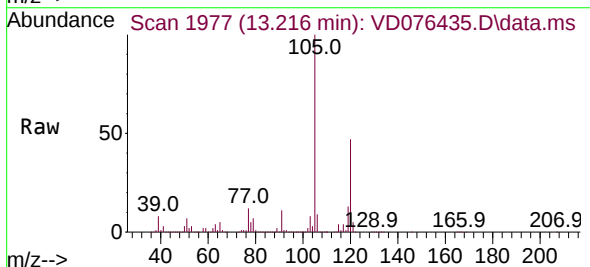
Acq: 15 Jun 2023 12:38

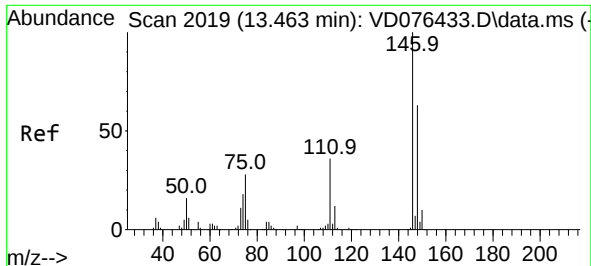
Tgt Ion:105 Resp: 1467506

Ion Ratio Lower Upper

105 100

120 47.0 37.5 56.3

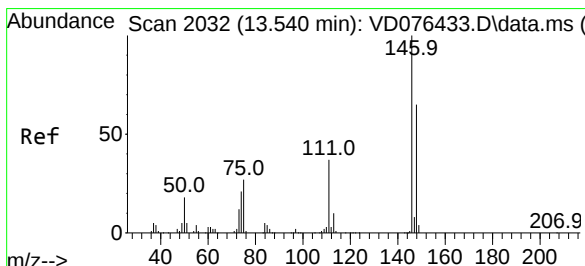
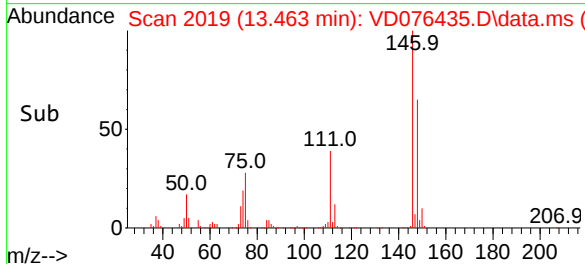
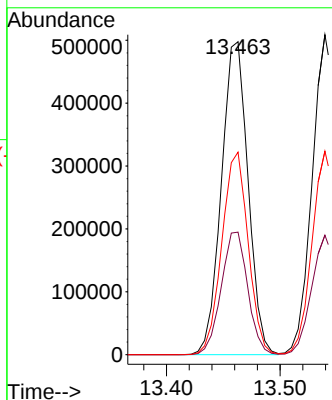
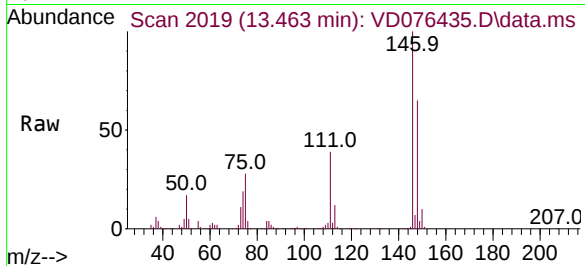




#64
1,3-Dichlorobenzene
Concen: 104.241 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

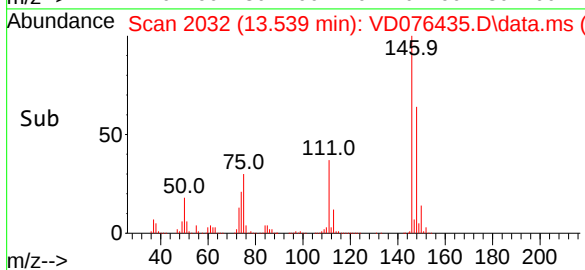
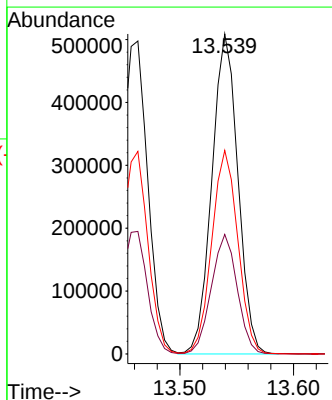
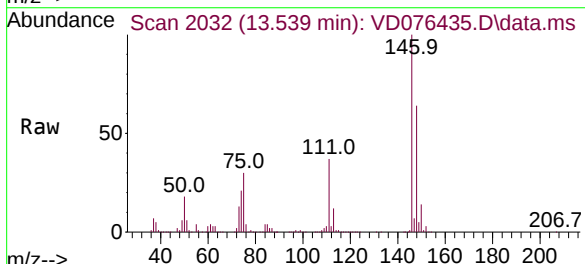
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

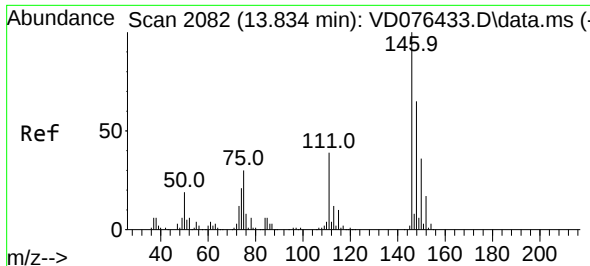
Tgt Ion:146 Resp: 813060
Ion Ratio Lower Upper
146 100
111 39.1 25.6 47.4
148 64.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 103.246 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:146 Resp: 811755
Ion Ratio Lower Upper
146 100
111 37.3 25.7 47.7
148 63.6 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 105.088 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD100156

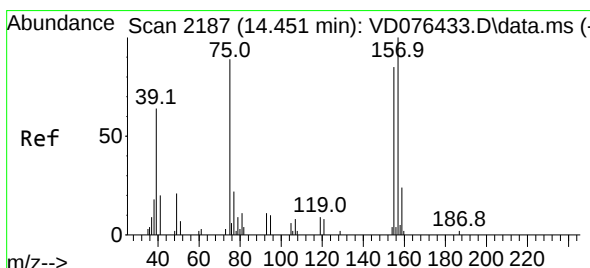
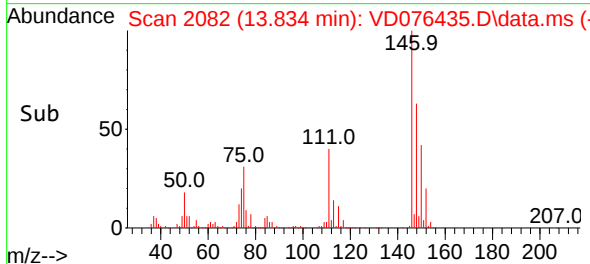
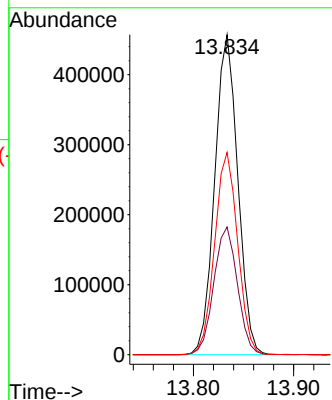
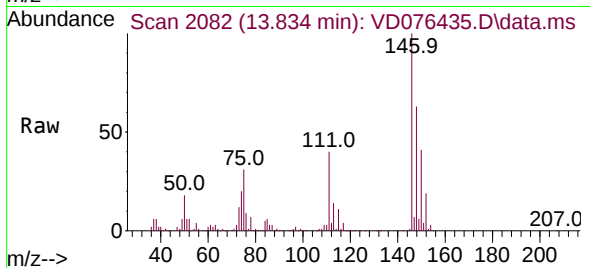
Tgt Ion:146 Resp: 730205

Ion Ratio Lower Upper

146 100

111 39.9 31.3 46.9

148 63.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 96.232 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD076435.D

Acq: 15 Jun 2023 12:38

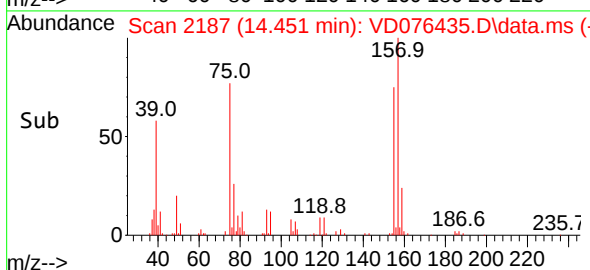
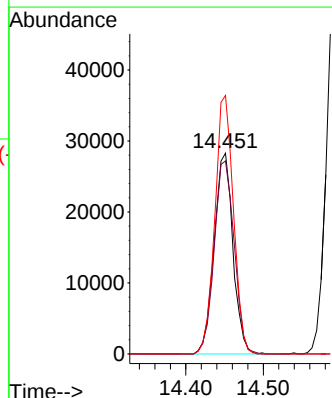
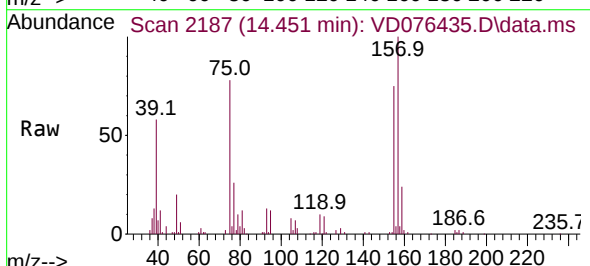
Tgt Ion: 75 Resp: 47665

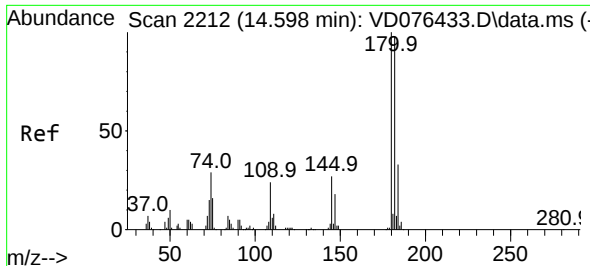
Ion Ratio Lower Upper

75 100

155 96.2 76.2 114.4

157 128.8 89.4 134.2

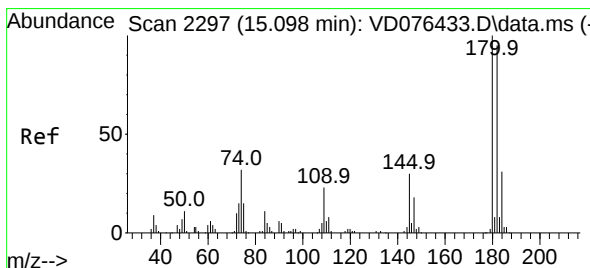
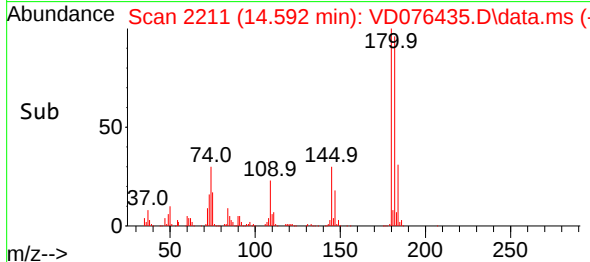
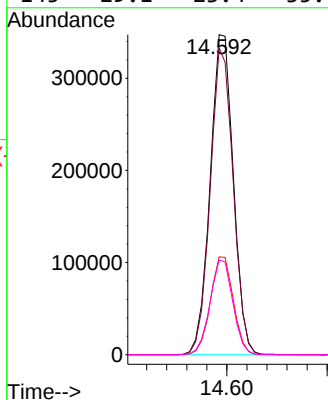
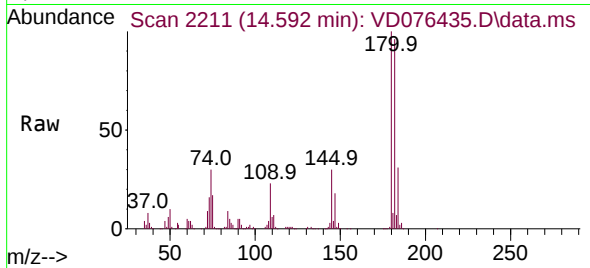




#69
1,3,5-Trichlorobenzene
Concen: 107.380 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

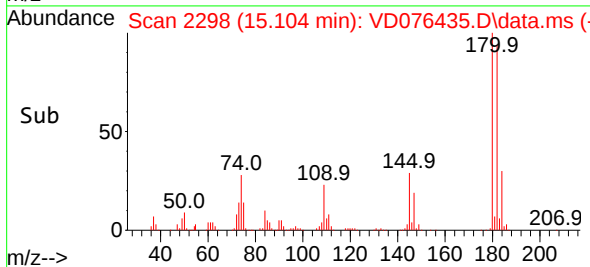
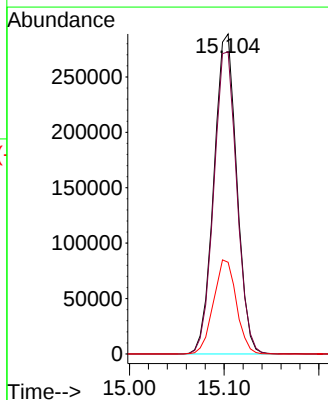
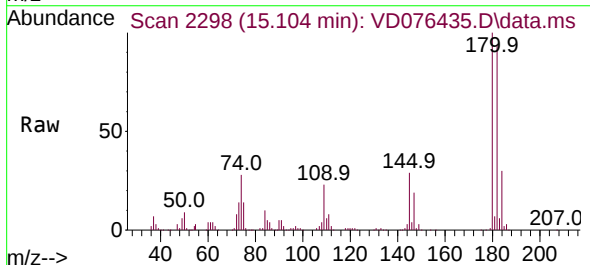
Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

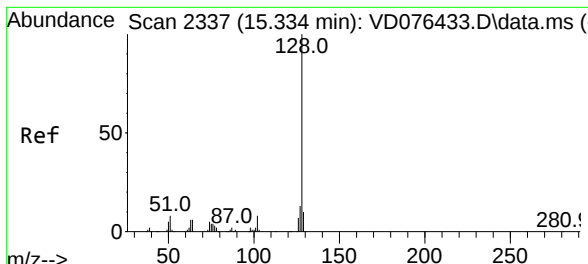
Tgt Ion:180 Resp: 558652
Ion Ratio Lower Upper
180 100
182 94.4 77.1 115.7
184 30.1 25.0 37.4
145 29.1 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 104.858 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:180 Resp: 485392
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 29.4 23.5 35.3

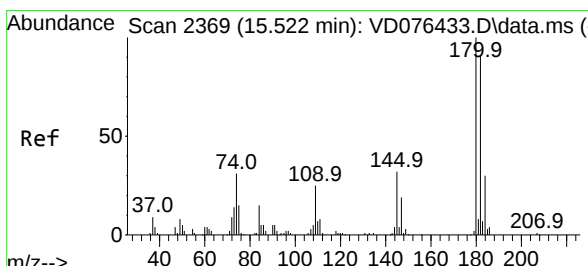
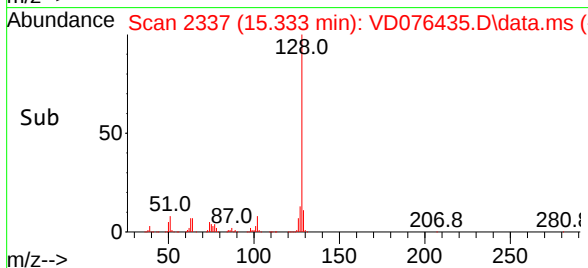
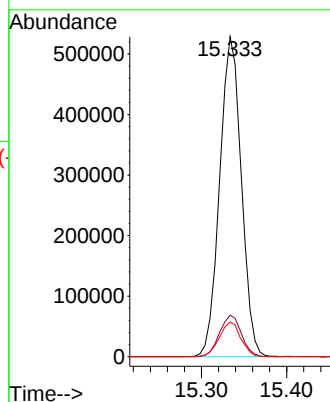
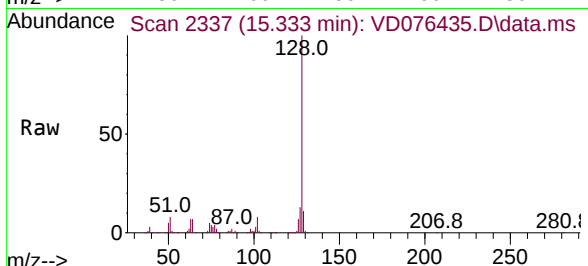




#71
Naphthalene
Concen: 105.303 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD100156

Tgt Ion:	128	Resp:	933266
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 102.744 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076435.D
Acq: 15 Jun 2023 12:38

Tgt Ion:	180	Resp:	413016
Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.3	111.5
145	31.1	25.0	37.6

