

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077376.D
 Acq On : 23 Oct 2023 10:25
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 09:07:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	208770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	346075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	323780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87042	46.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.380%
35) Dibromofluoromethane	7.810	113	105031	43.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.400%
50) Toluene-d8	10.269	98	384773	44.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.575	95	137037	54.673	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	97696	50.335	ug/l	97
3) Chloromethane	2.152	50	191615	48.481	ug/l	98
4) Vinyl Chloride	2.293	62	243201	52.091	ug/l	98
5) Bromomethane	2.699	94	156881	52.290	ug/l	99
6) Chloroethane	2.846	64	170283	51.883	ug/l	98
7) Trichlorofluoromethane	3.181	101	256511	54.160	ug/l	97
8) Diethyl Ether	3.599	74	55883	44.023	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	110352	45.036	ug/l	99
10) Methyl Iodide	4.169	142	121560	40.544	ug/l	92
11) Tert butyl alcohol	5.040	59	25904	247.016	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	103206	42.935	ug/l	98
13) Acrolein	3.805	56	33321	183.042	ug/l	94
14) Allyl chloride	4.569	41	110865	48.610	ug/l	99
15) Acrylonitrile	5.263	53	111015	288.591	ug/l	99
16) Acetone	4.022	43	116326	284.559	ug/l	87
17) Carbon Disulfide	4.281	76	317287	44.902	ug/l	97
18) Methyl Acetate	4.563	43	76261	53.601	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	224341	54.794	ug/l	99
20) Methylene Chloride	4.811	84	125105	50.624	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	124016	49.604	ug/l	97
22) Diisopropyl ether	6.222	45	267566	59.763	ug/l	97
23) Vinyl Acetate	6.158	43	657047	313.157	ug/l	98
24) 1,1-Dichloroethane	6.116	63	196469	52.779	ug/l	98
25) 2-Butanone	7.081	43	138303	326.144	ug/l	93
26) 2,2-Dichloropropane	7.081	77	189518	55.837	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	158957	56.704	ug/l	97
28) Bromochloromethane	7.428	49	76748	56.442	ug/l	98
29) Tetrahydrofuran	7.446	42	78101	319.279	ug/l	98
30) Chloroform	7.599	83	218064	51.057	ug/l	96
31) Cyclohexane	7.881	56	146664	50.567	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	185408	50.320	ug/l	97
36) 1,1-Dichloropropene	8.010	75	160827	50.342	ug/l	99
37) Ethyl Acetate	7.169	43	62418	62.199	ug/l	96
38) Carbon Tetrachloride	7.999	117	167083	47.014	ug/l	98
39) Methylcyclohexane	9.275	83	182868	47.108	ug/l	97
40) Benzene	8.252	78	481496	49.664	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	29536	61.671	ug/l	91
42) 1,2-Dichloroethane	8.328	62	115510	50.583	ug/l	99
43) Isopropyl Acetate	8.363	43	101074	55.947	ug/l	97
44) Trichloroethene	9.034	130	126346	44.574	ug/l	99
45) 1,2-Dichloropropane	9.304	63	114527	51.246	ug/l	97
46) Dibromomethane	9.399	93	68798	49.241	ug/l	95
47) Bromodichloromethane	9.587	83	166152	49.872	ug/l	100
48) Methyl methacrylate	9.387	41	46697	57.138	ug/l	93
49) 1,4-Dioxane	9.387	88	14152	1029.969	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	278266	307.269	ug/l	97
52) Toluene	10.334	92	310797	49.099	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	152073	50.852	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	184395	50.396	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	96682	49.961	ug/l	95
56) Ethyl methacrylate	10.598	69	100481	54.332	ug/l	98
57) 1,3-Dichloropropane	10.881	76	153881	51.766	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	252034	275.575	ug/l	100
59) 2-Hexanone	10.922	43	204702	314.721	ug/l	95
60) Dibromochloromethane	11.075	129	117535	47.566	ug/l	99
61) 1,2-Dibromoethane	11.181	107	90828	49.810	ug/l	99
64) Tetrachloroethene	10.810	164	106228	44.141	ug/l	95
65) Chlorobenzene	11.610	112	329760	46.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	127308	47.455	ug/l	96
67) Ethyl Benzene	11.687	91	579840	49.563	ug/l	95
68) m/p-Xylenes	11.793	106	475724	99.025	ug/l	95
69) o-Xylene	12.122	106	219018	49.524	ug/l	98
70) Styrene	12.140	104	386474	51.220	ug/l	99
71) Bromoform	12.298	173	72726	49.452	ug/l #	98
73) Isopropylbenzene	12.422	105	643700	55.505	ug/l	98
74) N-amyl acetate	12.234	43	94110	56.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	123245	58.482	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	158765	65.787	ug/l #	100
77) Bromobenzene	12.704	156	160515	52.721	ug/l	99
78) n-propylbenzene	12.763	91	983520	70.419	ug/l	98
79) 2-Chlorotoluene	12.851	91	499927	65.716	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	599713	62.665	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	38990	59.588	ug/l	96
82) 4-Chlorotoluene	12.951	91	437259	55.208	ug/l	100
83) tert-Butylbenzene	13.169	119	432636	50.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	490561	50.912	ug/l	97
85) sec-Butylbenzene	13.345	105	638193	49.984	ug/l	96
86) p-Isopropyltoluene	13.463	119	533653	48.112	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	295520	46.122	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	288815	45.487	ug/l	99
89) n-Butylbenzene	13.787	91	484556	50.169	ug/l	99
90) Hexachloroethane	14.057	117	107954	48.148	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	253311	46.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14899	57.761	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	147183	43.644	ug/l	98
94) Hexachlorobutadiene	15.210	225	79137	41.319	ug/l	99
95) Naphthalene	15.334	128	275084	48.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	129588	44.272	ug/l	98

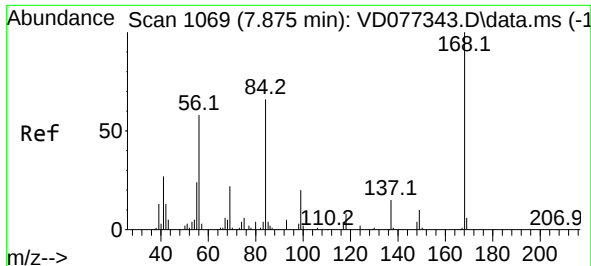
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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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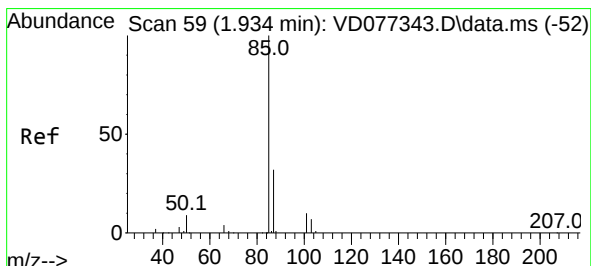
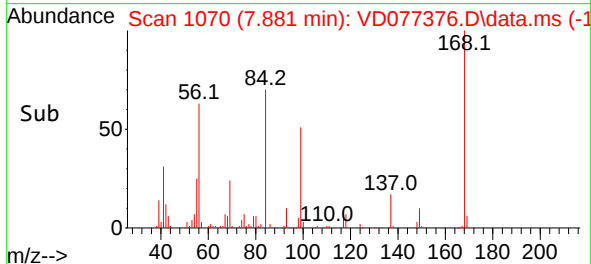
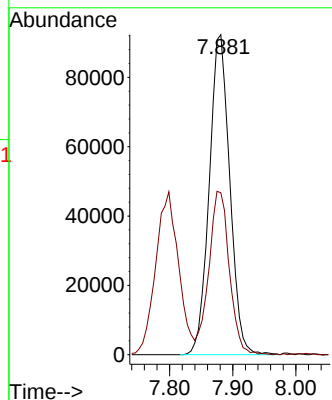
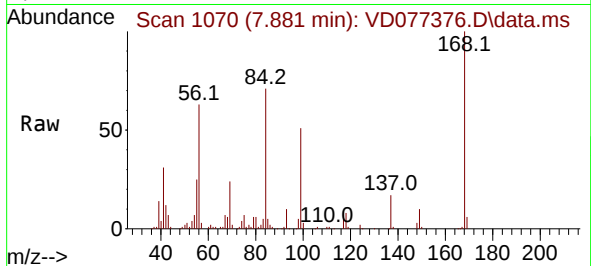
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

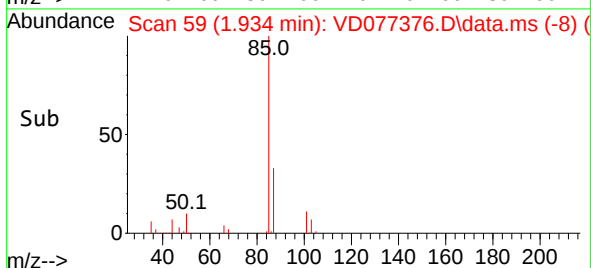
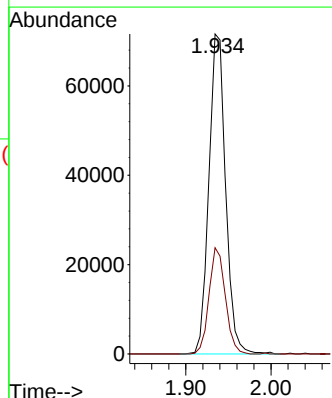
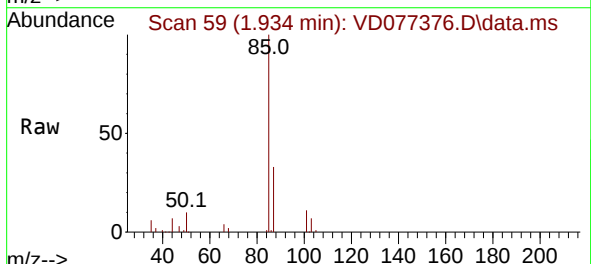
Instrument :
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ClientSampleId :
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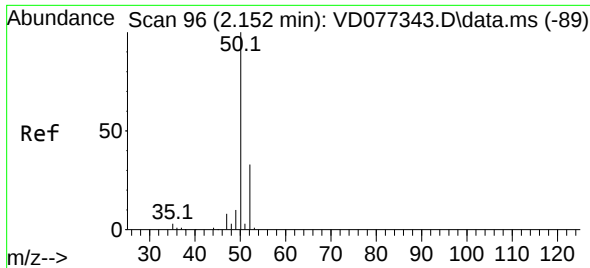
Tgt Ion:168 Resp: 208770
Ion Ratio Lower Upper
168 100
99 50.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 50.335 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 85 Resp: 97696
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

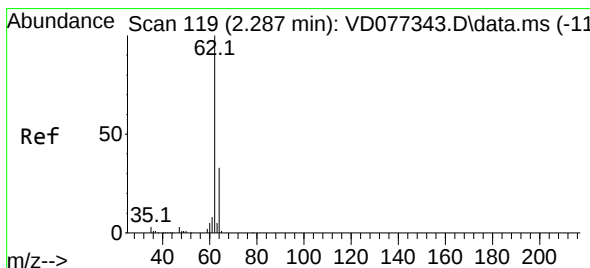
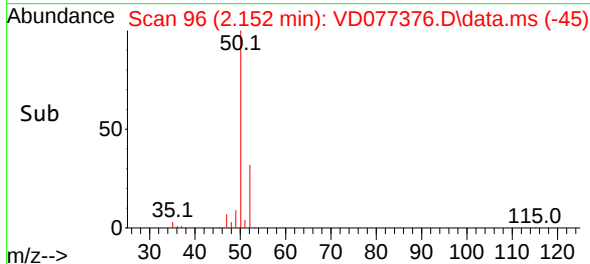
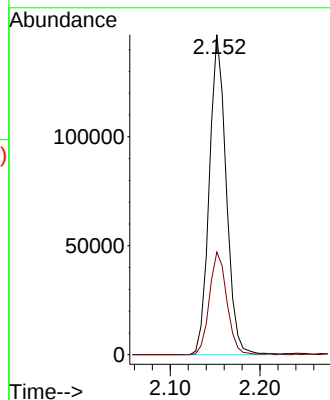
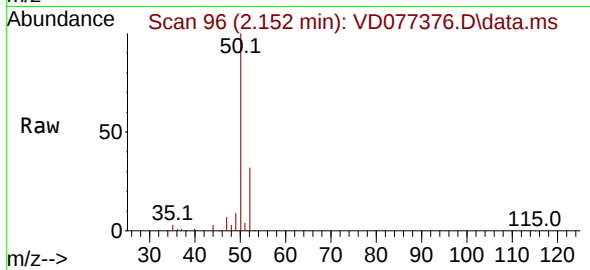




#3
Chloromethane
Concen: 48.481 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

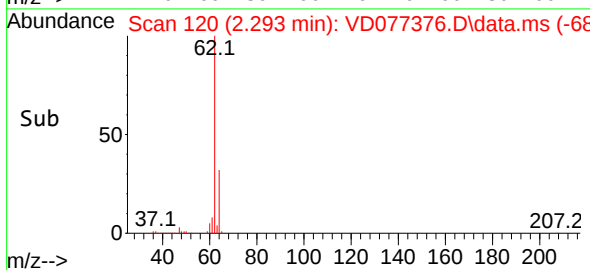
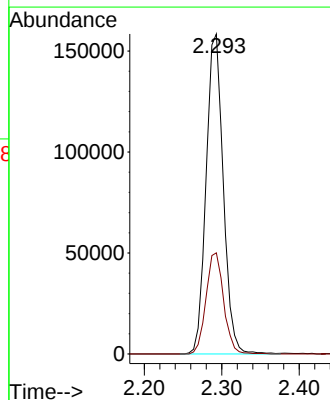
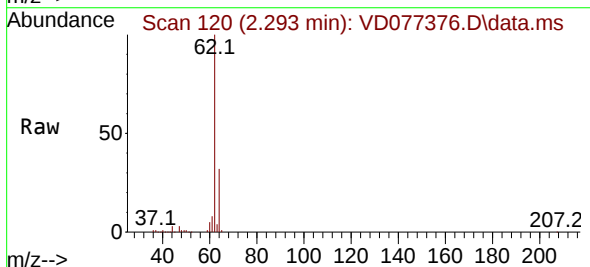
Instrument :
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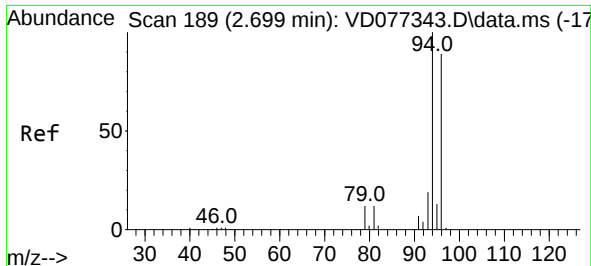
Tgt Ion: 50 Resp: 191615
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 52.091 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 62 Resp: 243201
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

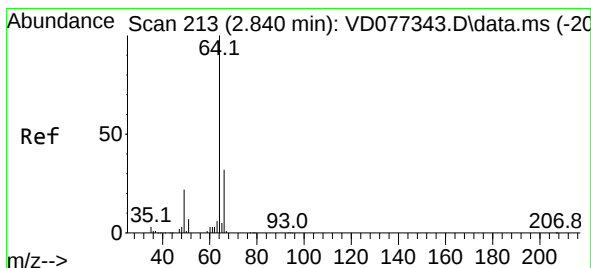
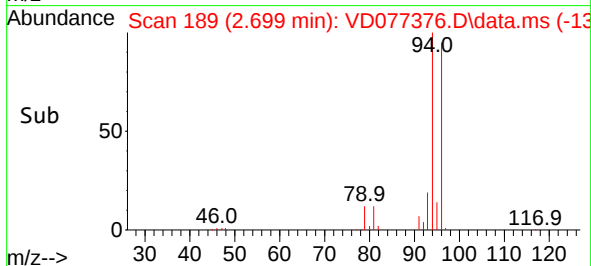
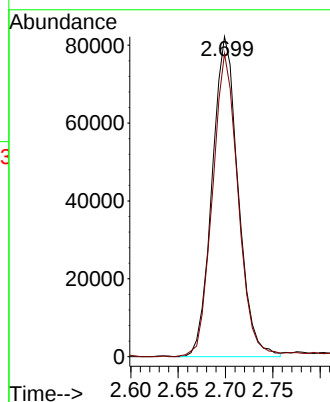
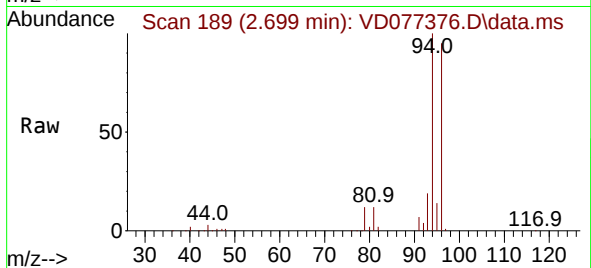




#5
Bromomethane
Concen: 52.290 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

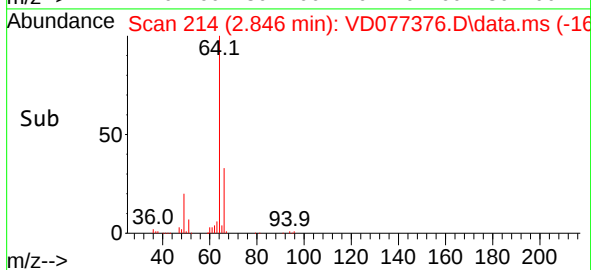
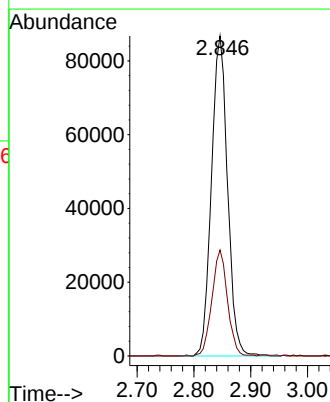
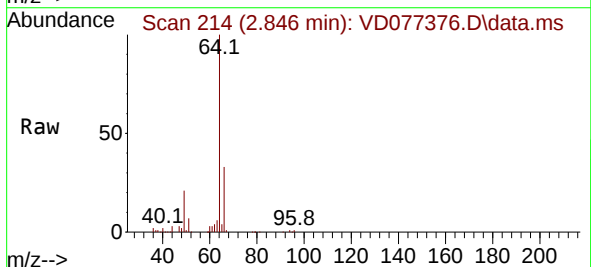
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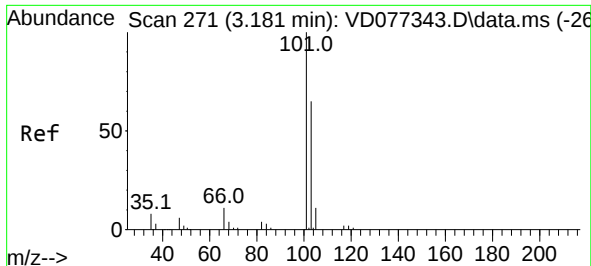
Tgt Ion: 94 Resp: 156881
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 51.883 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 64 Resp: 170283
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3

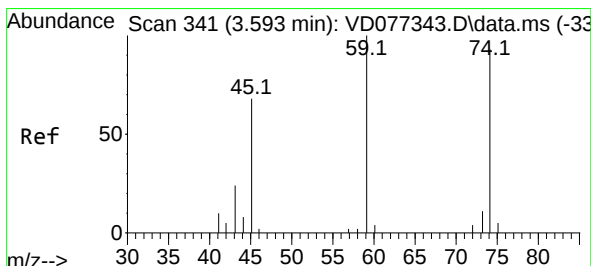
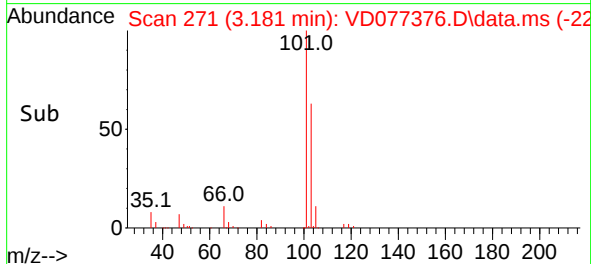
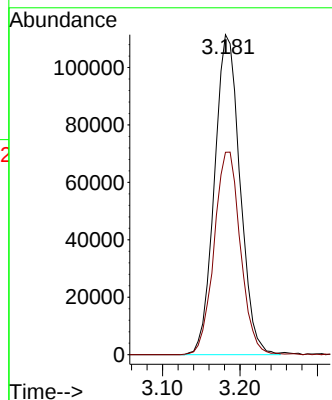
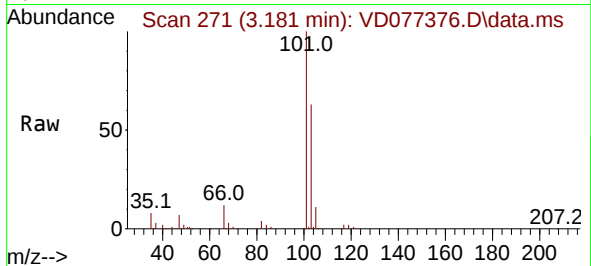




#7
Trichlorofluoromethane
Concen: 54.160 ug/l
RT: 3.181 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

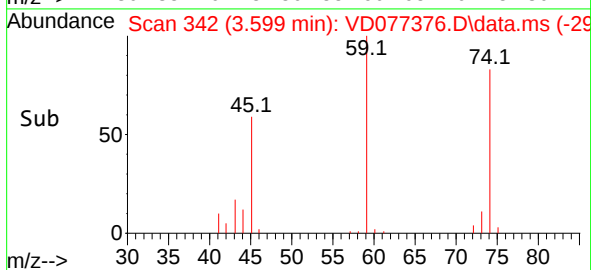
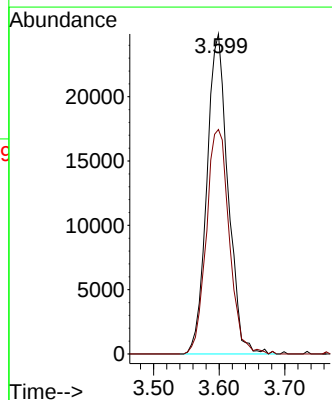
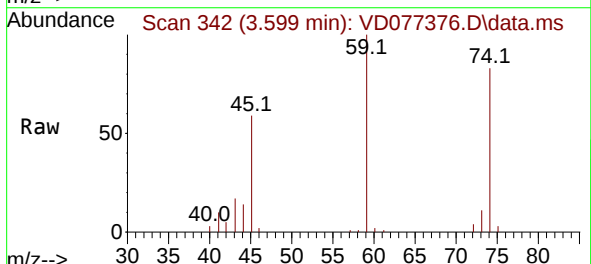
Instrument :
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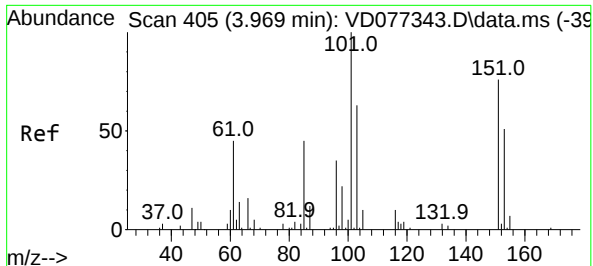
Tgt Ion:101 Resp: 256511
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5



#8
Diethyl Ether
Concen: 44.023 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 74 Resp: 55883
Ion Ratio Lower Upper
74 100
45 75.9 37.5 112.7

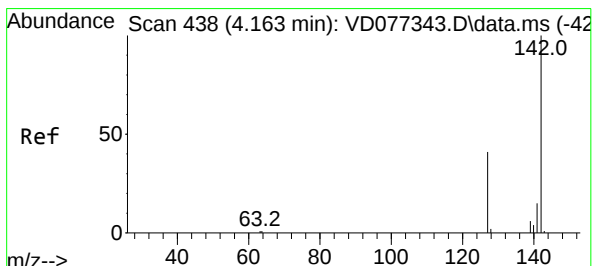
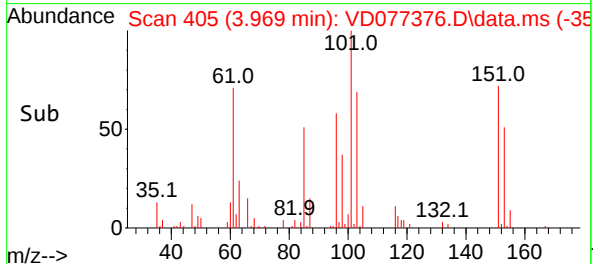
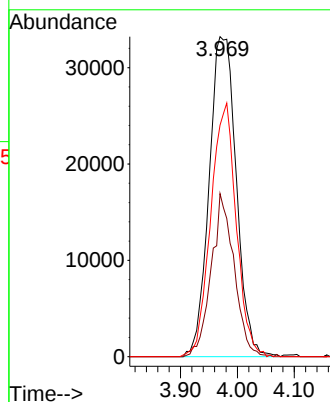
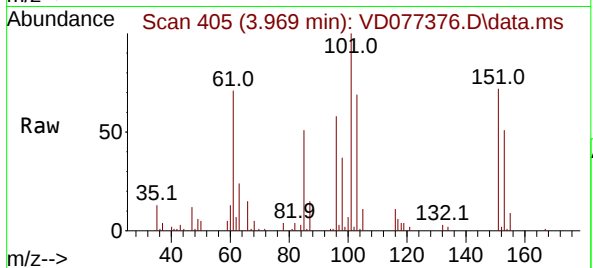




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.036 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077376.D
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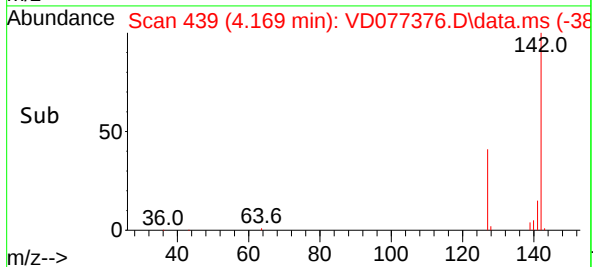
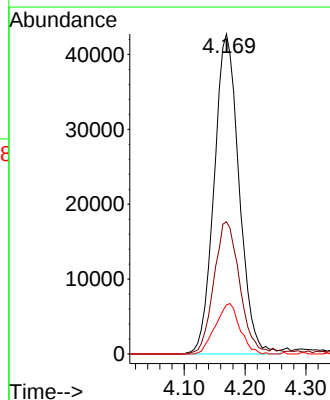
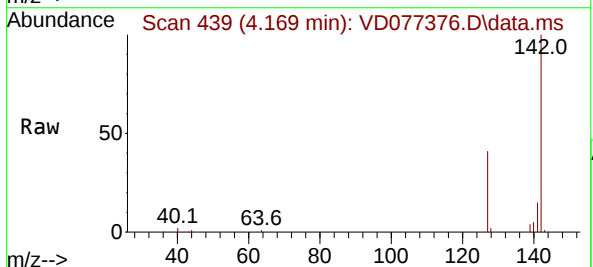
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

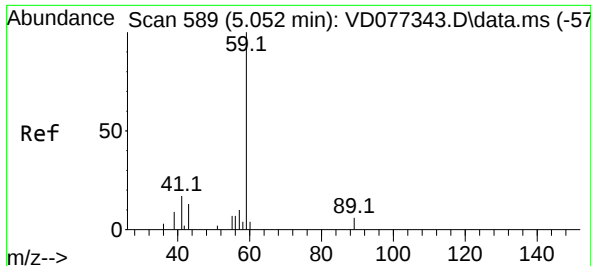
Tgt Ion:101 Resp: 110352
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 40.544 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:142 Resp: 121560
Ion Ratio Lower Upper
142 100
127 42.6 29.4 44.0
141 15.4 11.1 16.7

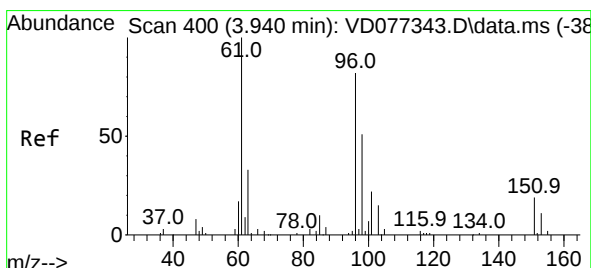
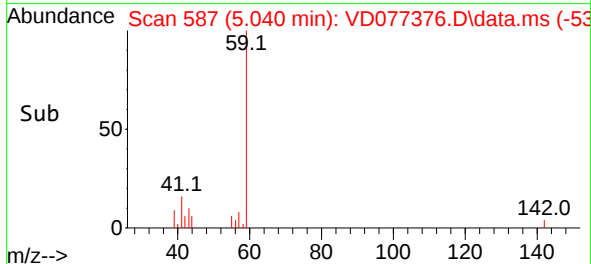
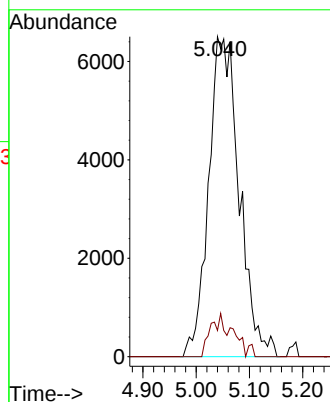
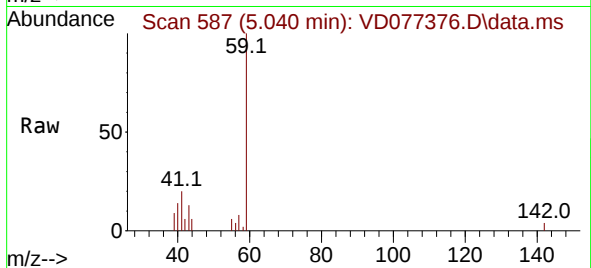




#11
Tert butyl alcohol
Concen: 247.016 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

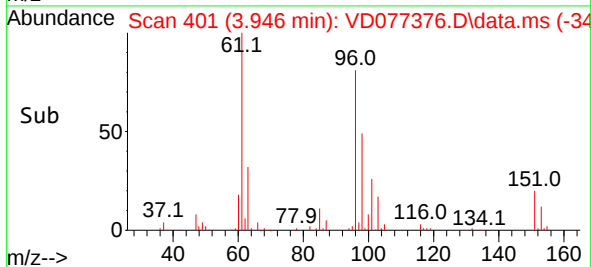
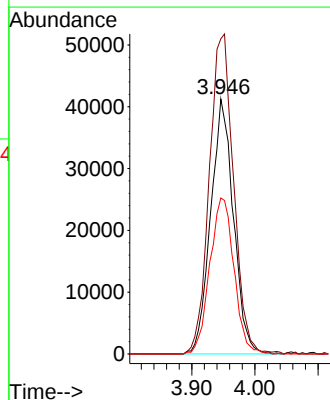
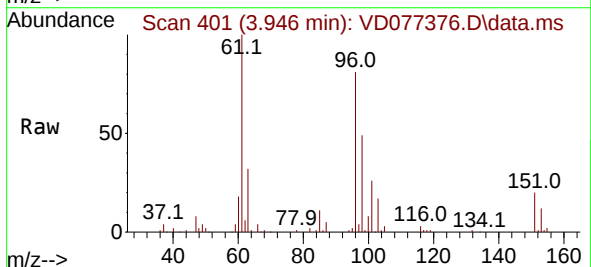
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

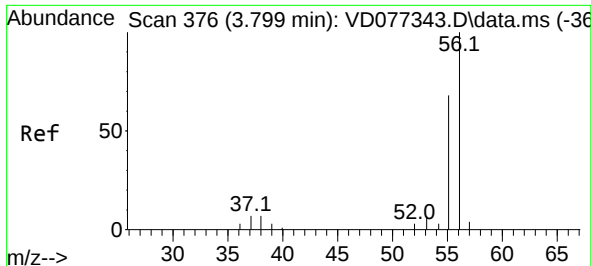
Tgt Ion: 59 Resp: 25904
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 42.935 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 96 Resp: 103206
Ion Ratio Lower Upper
96 100
61 123.6 100.6 150.8
98 61.2 50.2 75.2

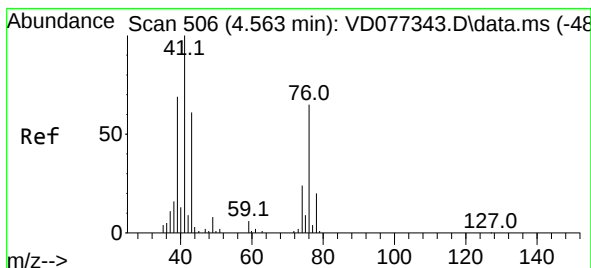
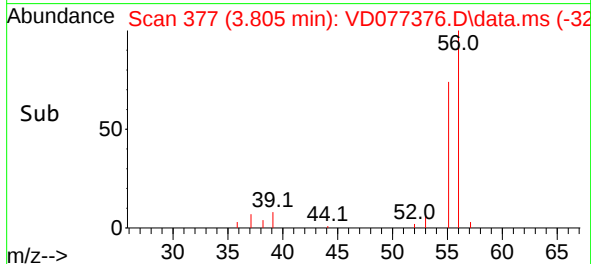
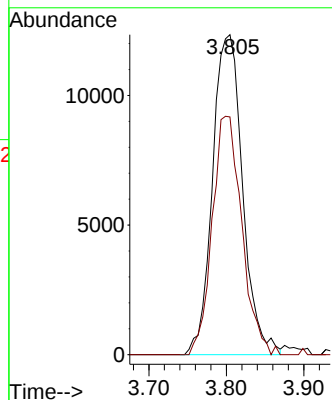
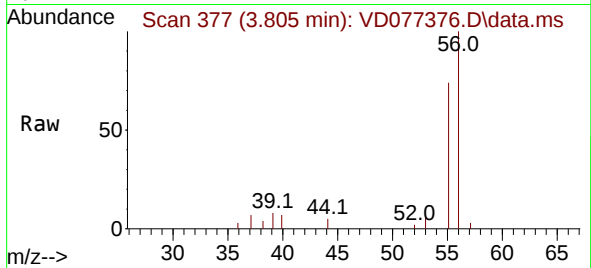




#13
Acrolein
Concen: 183.042 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

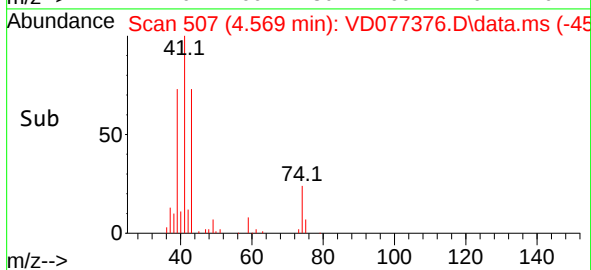
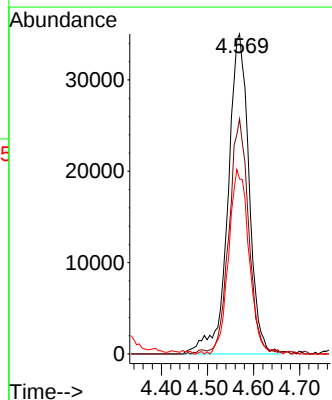
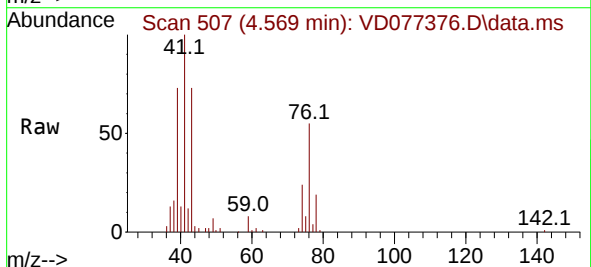
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

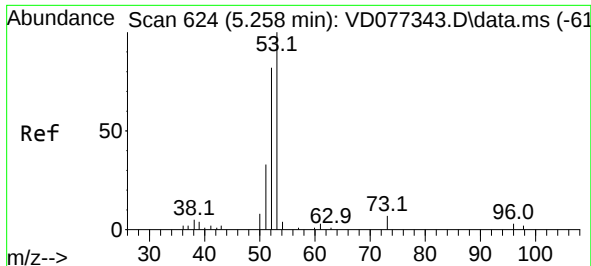
Tgt Ion: 56 Resp: 33321
Ion Ratio Lower Upper
56 100
55 73.4 55.1 82.7



#14
Allyl chloride
Concen: 48.610 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 41 Resp: 110865
Ion Ratio Lower Upper
41 100
39 66.7 53.8 80.6
76 56.2 45.8 68.8

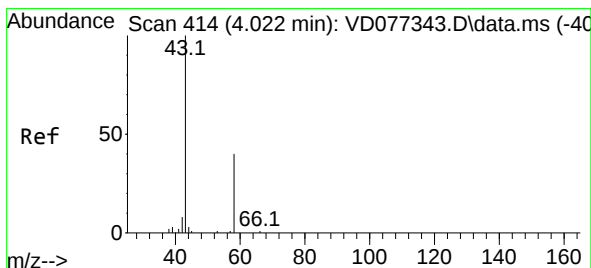
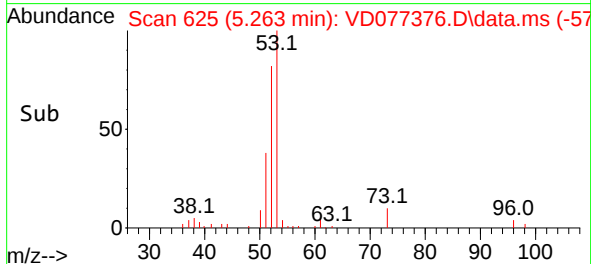
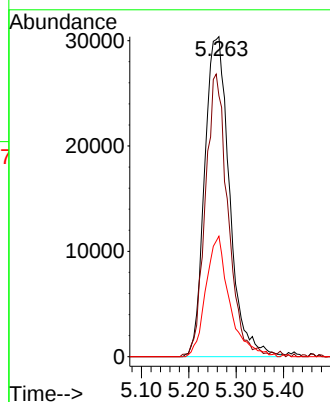
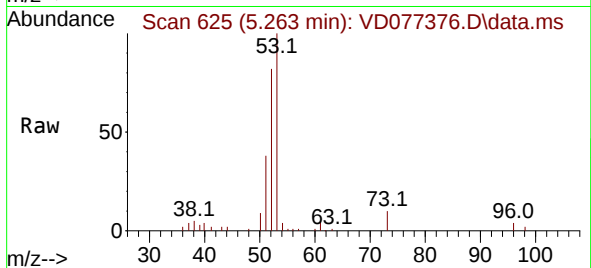




#15
Acrylonitrile
Concen: 288.591 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

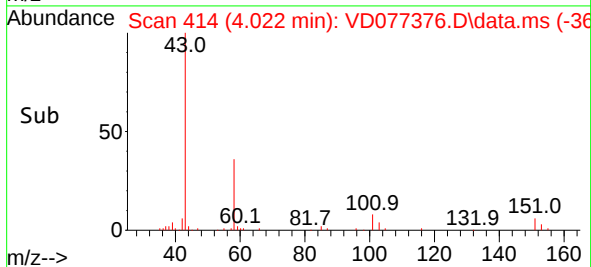
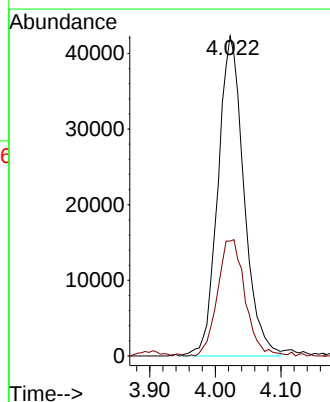
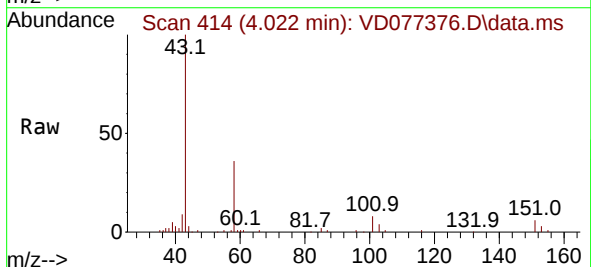
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

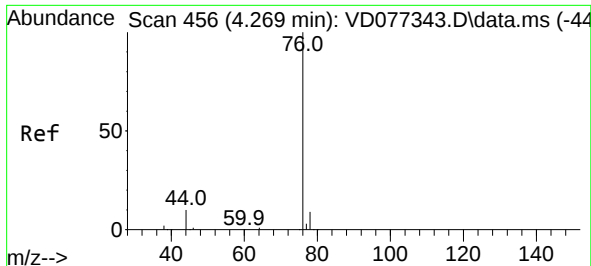
Tgt Ion: 53 Resp: 111015
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 36.0 28.3 42.5



#16
Acetone
Concen: 284.559 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 43 Resp: 116326
Ion Ratio Lower Upper
43 100
58 35.3 34.7 52.1

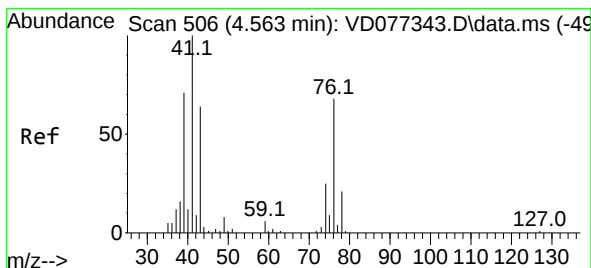
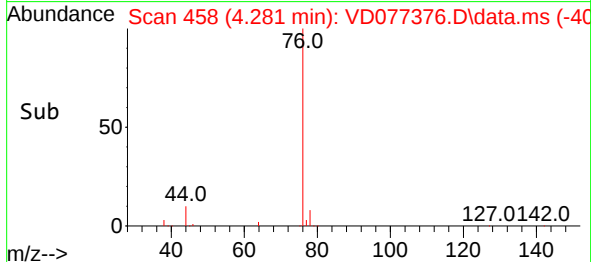
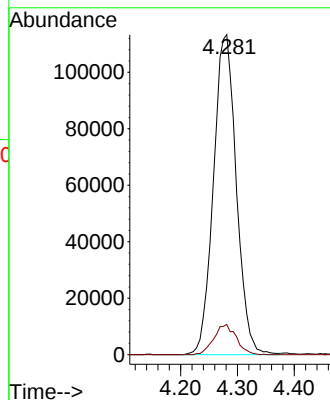
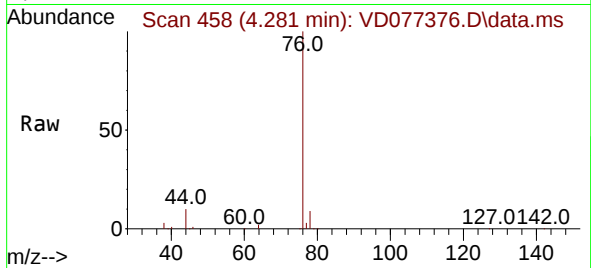




#17
Carbon Disulfide
Concen: 44.902 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.012 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

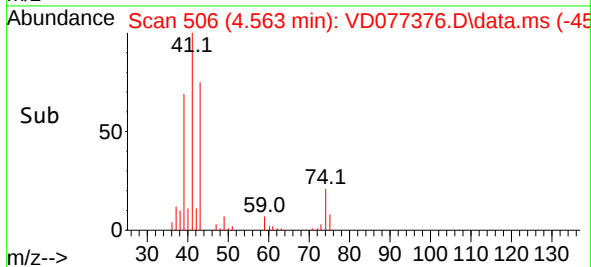
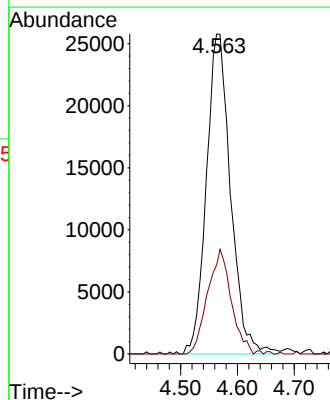
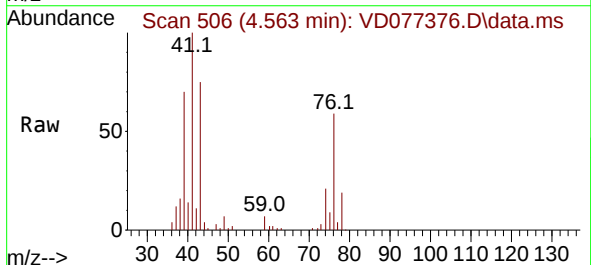
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

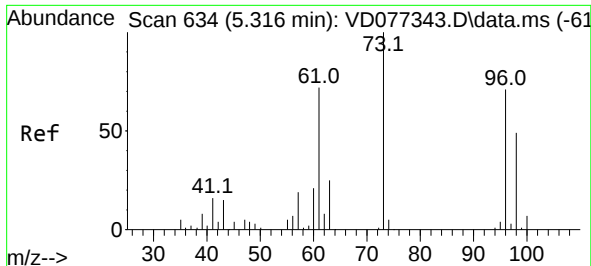
Tgt Ion: 76 Resp: 317287
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 53.601 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 43 Resp: 76261
Ion Ratio Lower Upper
43 100
74 31.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 54.794 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

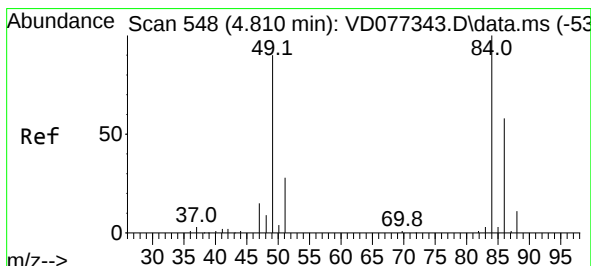
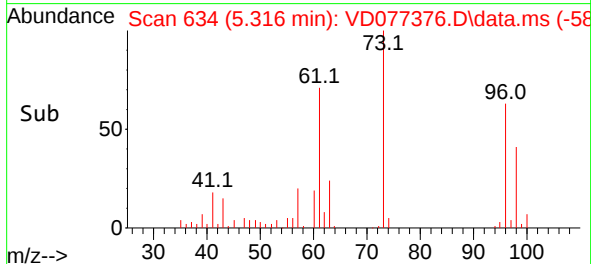
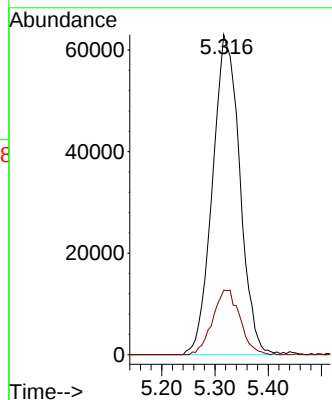
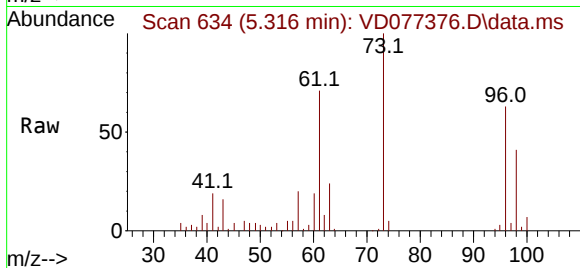
VSTDCCC050

Tgt Ion: 73 Resp: 224341

Ion Ratio Lower Upper

73 100

57 20.2 16.6 25.0



#20

Methylene Chloride

Concen: 50.624 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.001 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Tgt Ion: 84 Resp: 125105

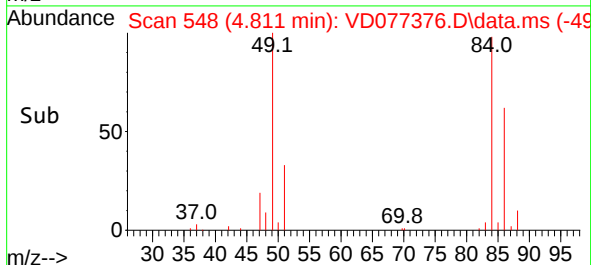
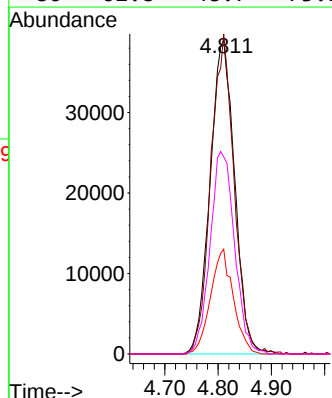
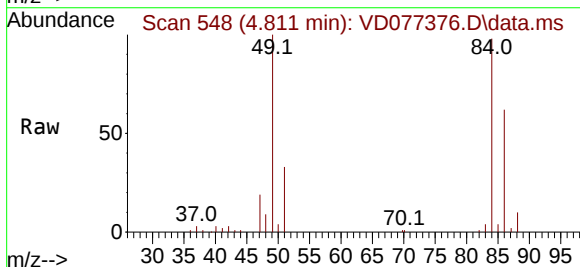
Ion Ratio Lower Upper

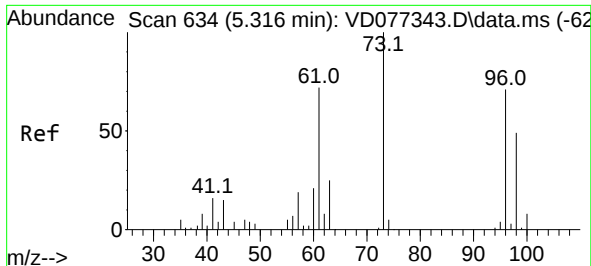
84 100

49 101.9 71.4 107.2

51 33.4 24.5 36.7

86 62.8 48.7 73.1

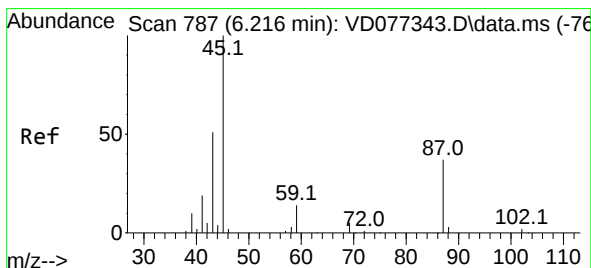
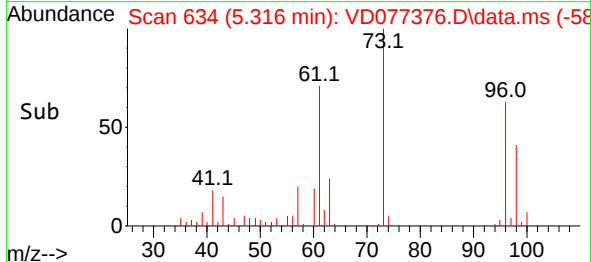
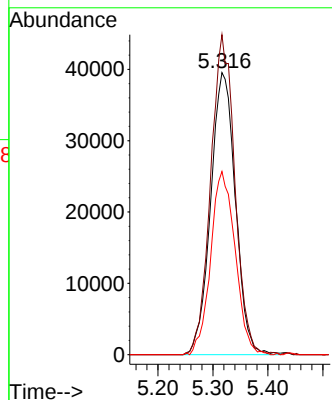
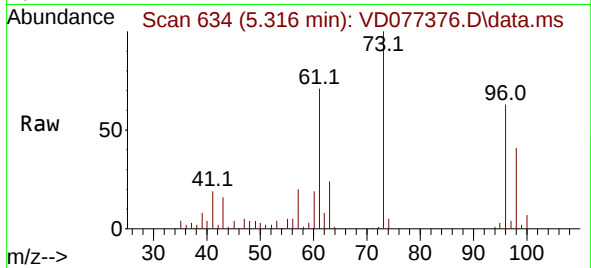




#21
trans-1,2-Dichloroethene
Concen: 49.604 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

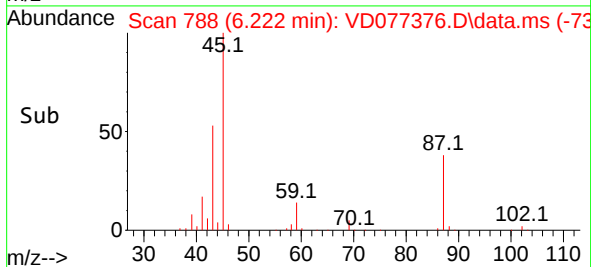
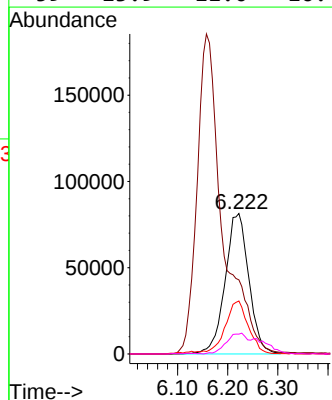
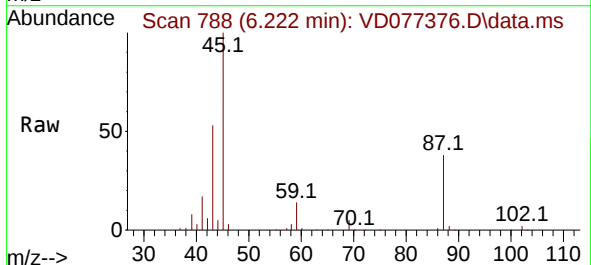
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

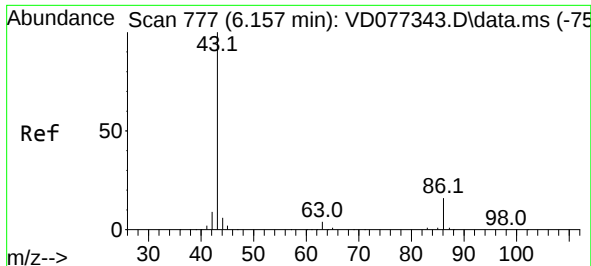
Tgt Ion: 96 Resp: 124016
Ion Ratio Lower Upper
96 100
61 113.4 89.3 133.9
98 64.9 48.6 73.0



#22
Diisopropyl ether
Concen: 59.763 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 45 Resp: 267566
Ion Ratio Lower Upper
45 100
43 51.5 40.0 60.0
87 37.5 28.2 42.4
59 13.9 11.0 16.4





#23

Vinyl Acetate

Concen: 313.157 ug/l

RT: 6.158 min Scan# 777

Delta R.T. 0.001 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

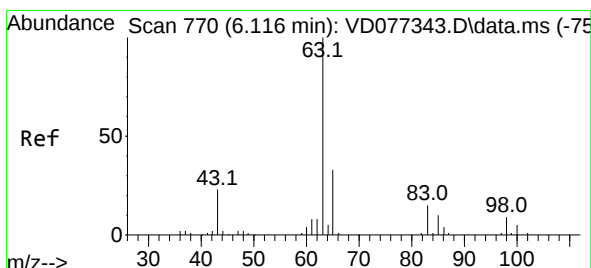
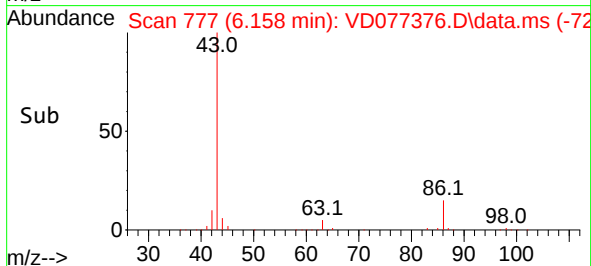
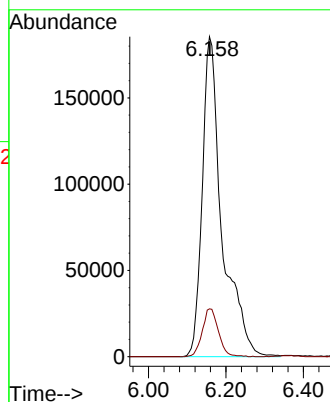
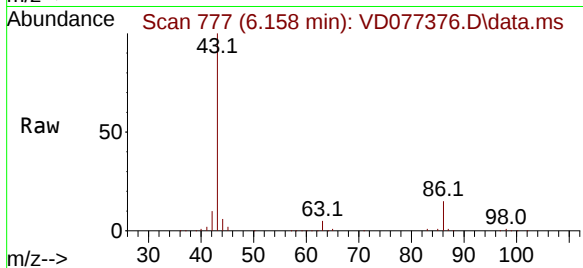
VSTDCCC050

Tgt Ion: 43 Resp: 657047

Ion Ratio Lower Upper

43 100

86 14.9 12.5 18.7



#24

1,1-Dichloroethane

Concen: 52.779 ug/l

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

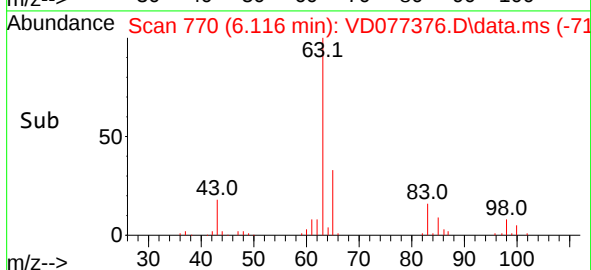
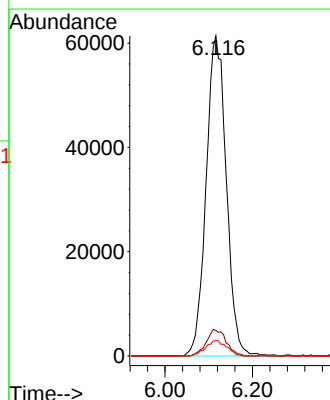
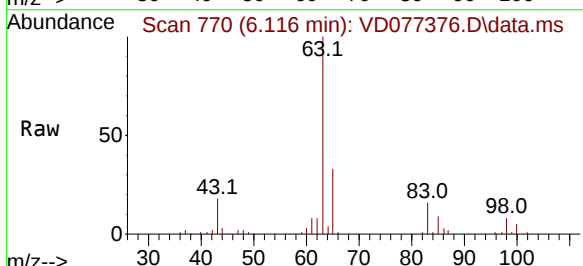
Tgt Ion: 63 Resp: 196469

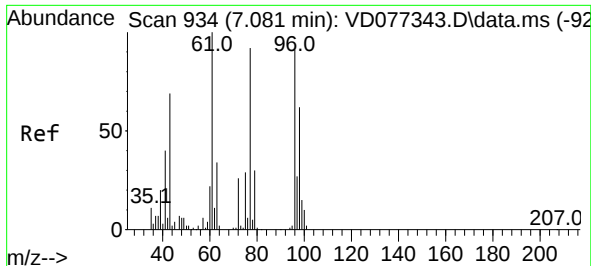
Ion Ratio Lower Upper

63 100

98 7.9 4.5 13.7

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 326.144 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

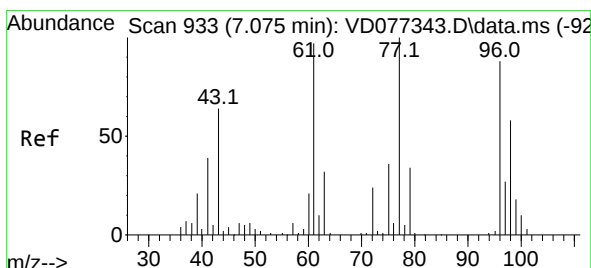
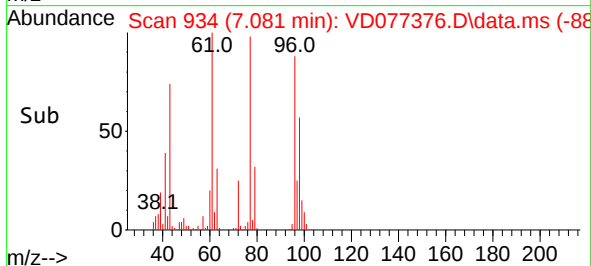
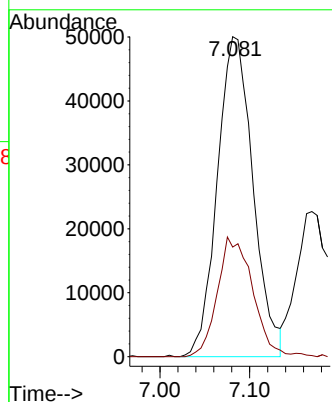
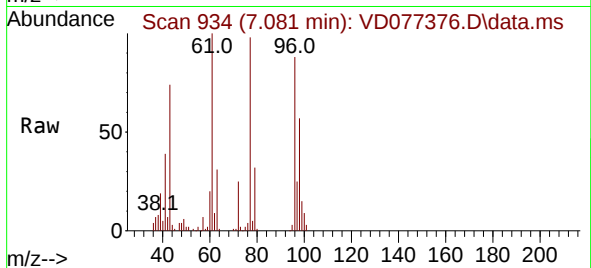
VSTDCCC050

Tgt Ion: 43 Resp: 138303

Ion Ratio Lower Upper

43 100

72 34.2 30.7 46.1



#26

2,2-Dichloropropane

Concen: 55.837 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077376.D

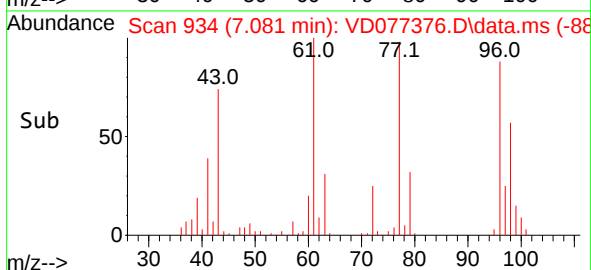
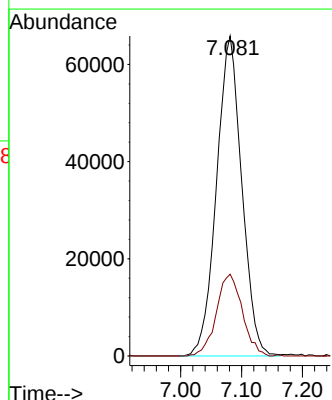
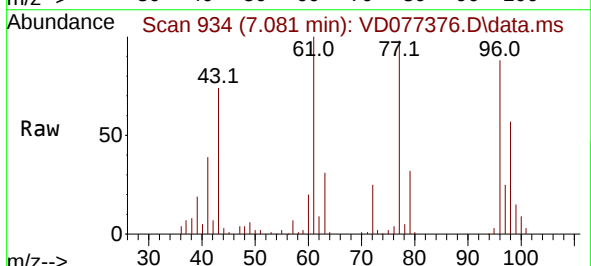
Acq: 23 Oct 2023 10:25

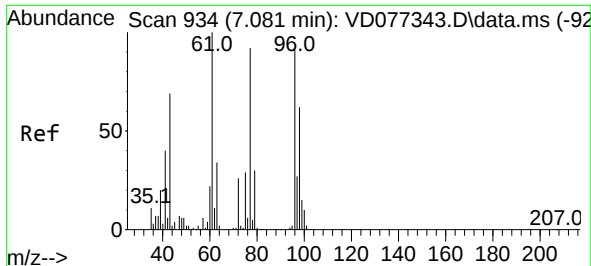
Tgt Ion: 77 Resp: 189518

Ion Ratio Lower Upper

77 100

97 26.3 13.2 39.6

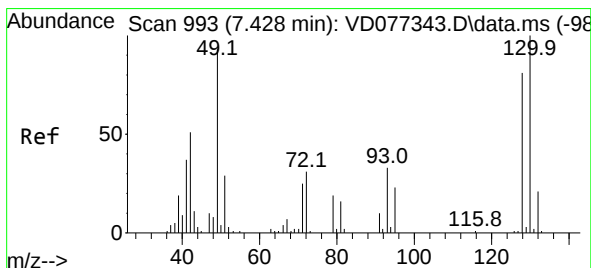
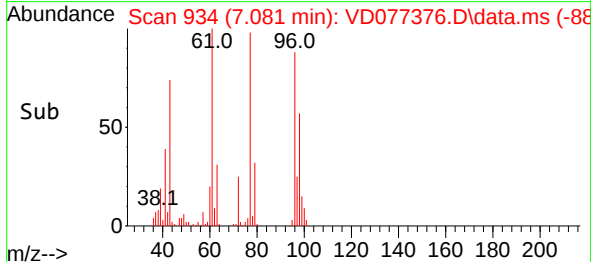
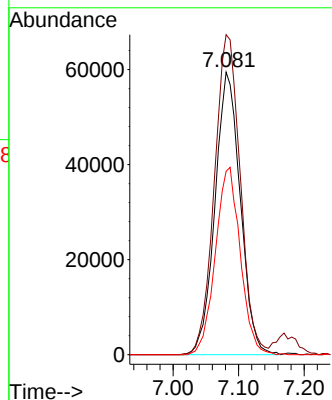
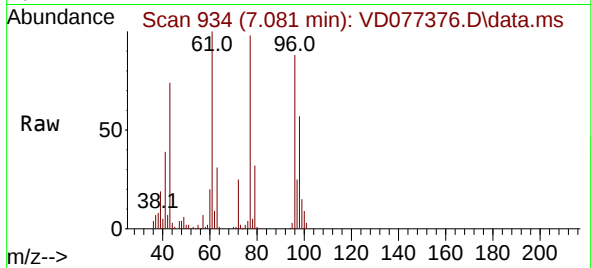




#27
 cis-1,2-Dichloroethene
 Concen: 56.704 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

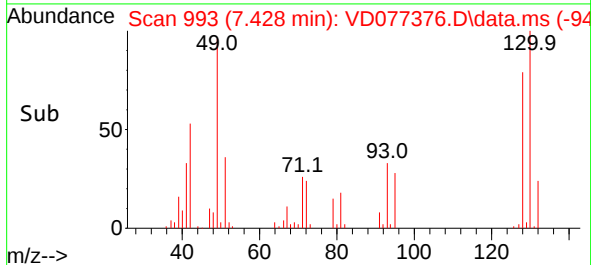
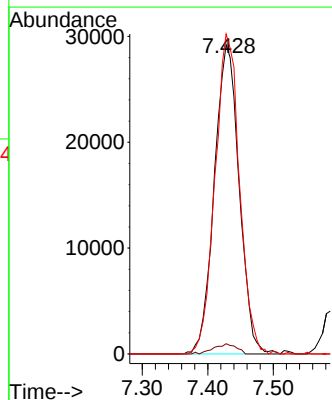
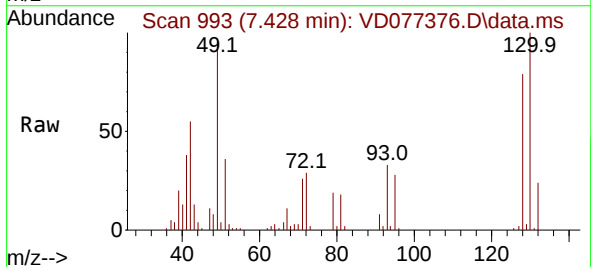
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

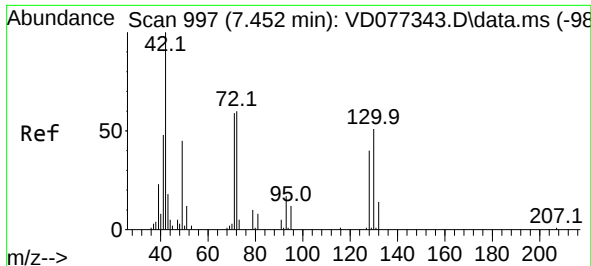
Tgt Ion: 96 Resp: 158957
 Ion Ratio Lower Upper
 96 100
 61 115.8 0.0 239.2
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 56.442 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

Tgt Ion: 49 Resp: 76748
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 6.0
 130 102.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 319.279 ug/l

RT: 7.446 min Scan# 99

Delta R.T. -0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

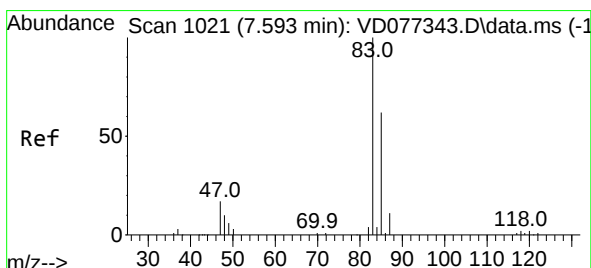
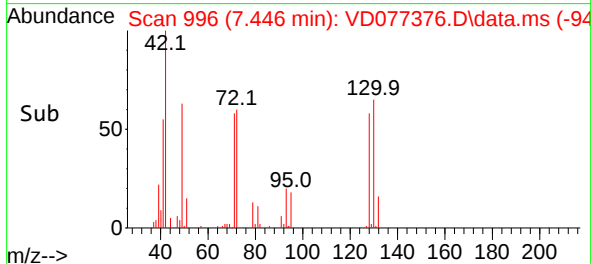
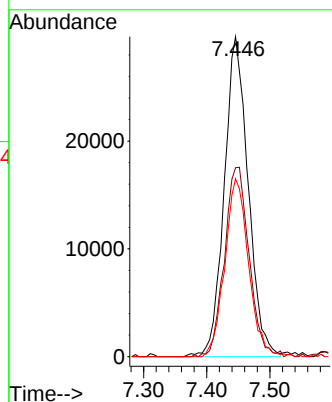
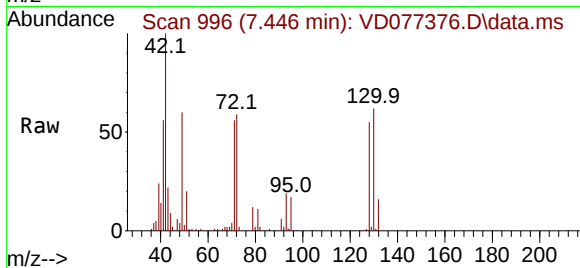
Tgt Ion: 42 Resp: 78101

Ion Ratio Lower Upper

42 100

72 61.1 46.5 69.7

71 55.4 44.5 66.7



#30

Chloroform

Concen: 51.057 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077376.D

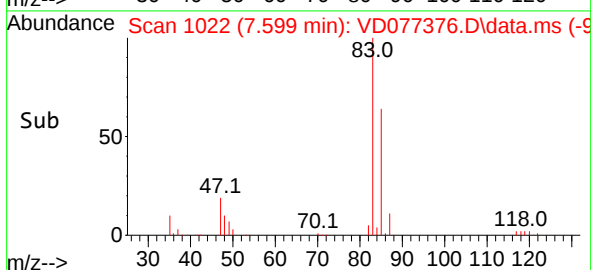
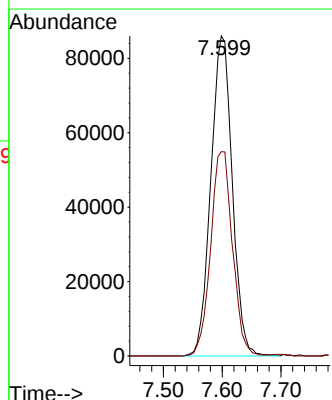
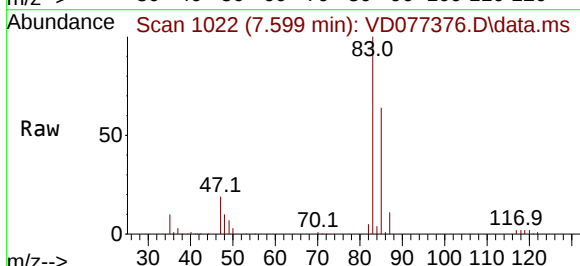
Acq: 23 Oct 2023 10:25

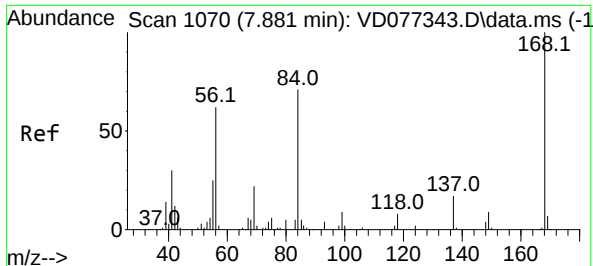
Tgt Ion: 83 Resp: 218064

Ion Ratio Lower Upper

83 100

85 63.8 53.4 80.2





#31

Cyclohexane

Concen: 50.567 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

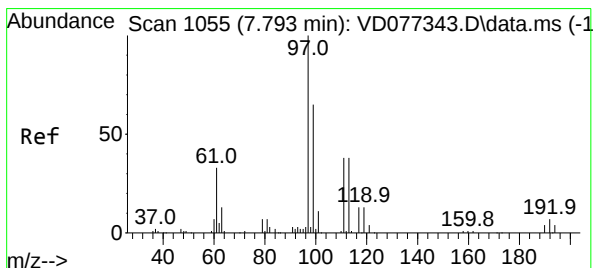
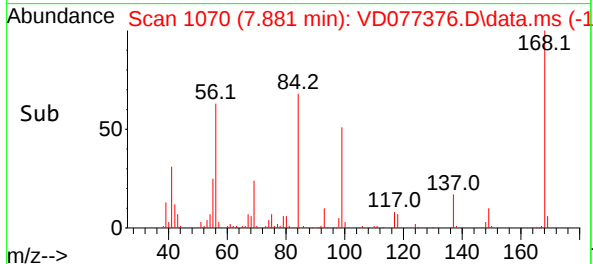
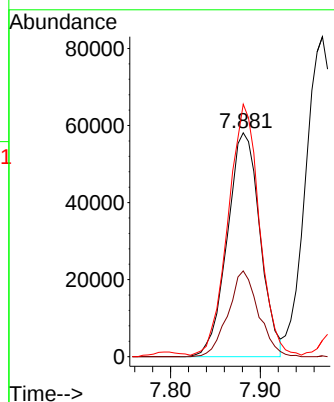
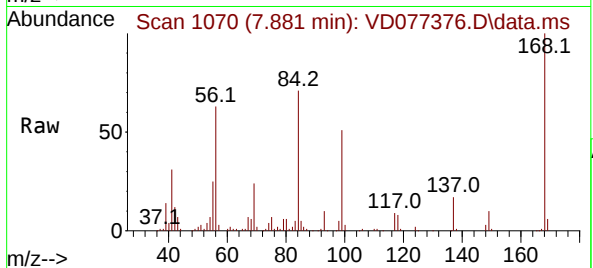
MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 146664

Ion	Ratio	Lower	Upper
56	100		
69	38.3	28.6	43.0
84	111.4	84.8	127.2



#32

1,1,1-Trichloroethane

Concen: 50.320 ug/l

RT: 7.799 min Scan# 1056

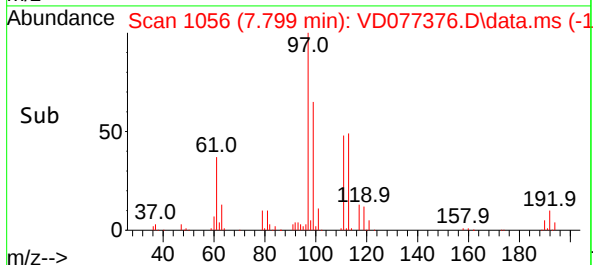
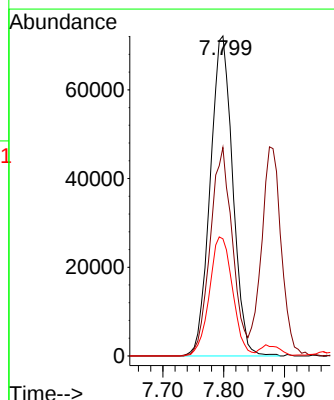
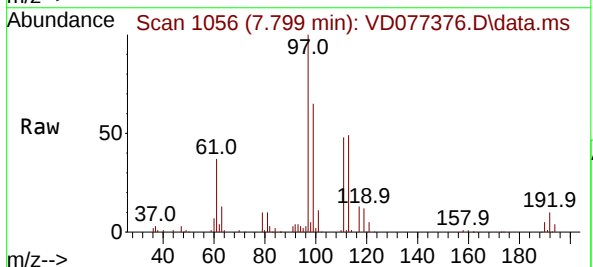
Delta R.T. 0.006 min

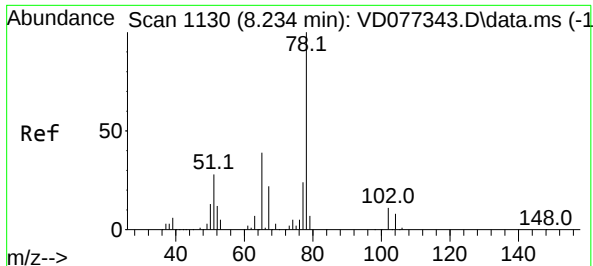
Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Tgt Ion: 97 Resp: 185408

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	38.4	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 46.692 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

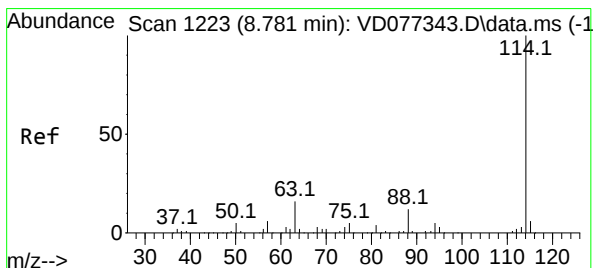
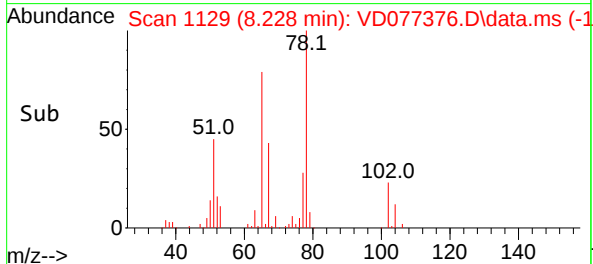
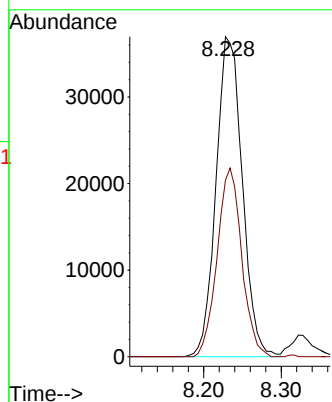
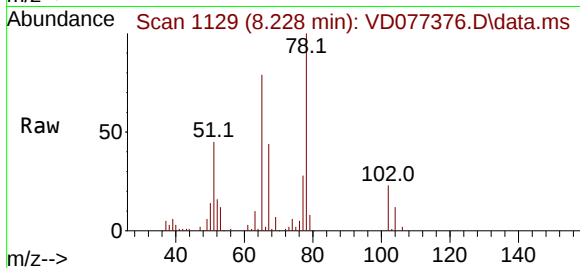
VSTDCCC050

Tgt Ion: 65 Resp: 87042

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

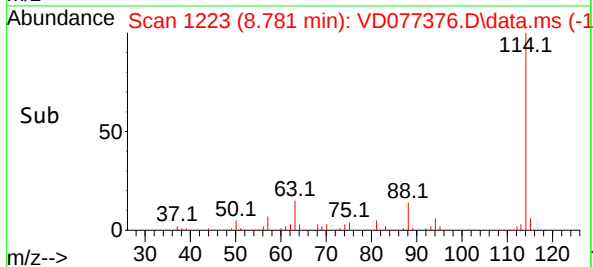
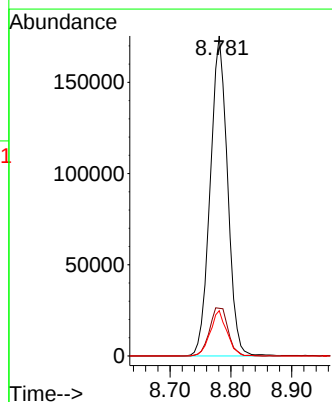
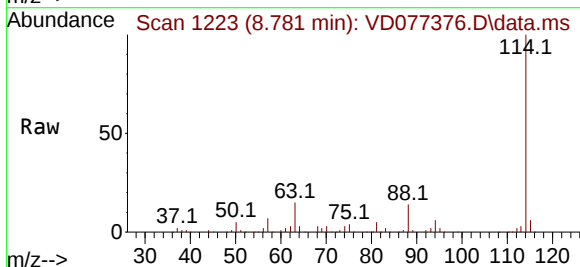
Tgt Ion: 114 Resp: 346075

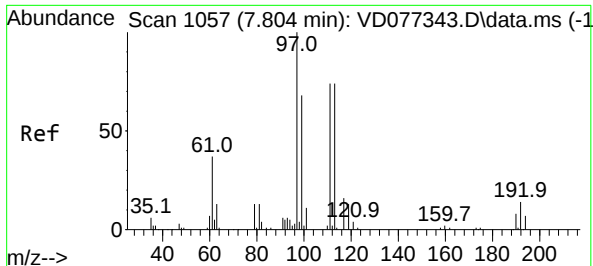
Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.4

88 14.2 0.0 26.2

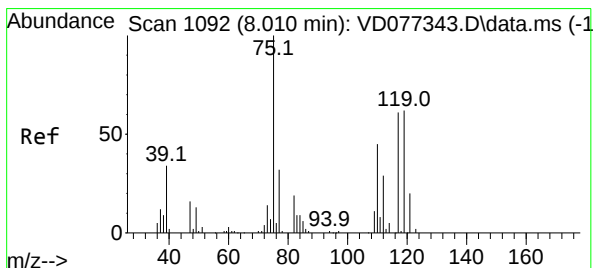
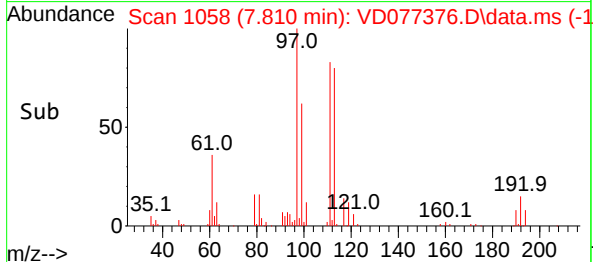
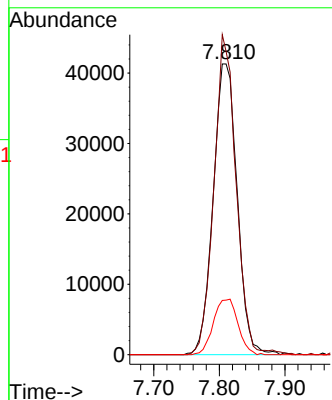
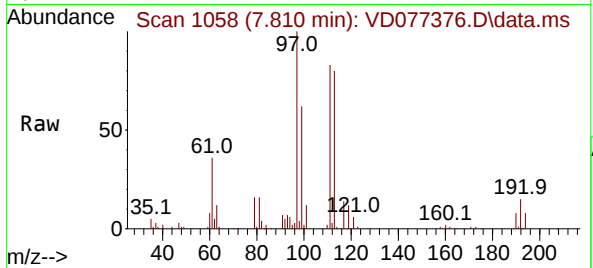




#35
Dibromofluoromethane
Concen: 43.199 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

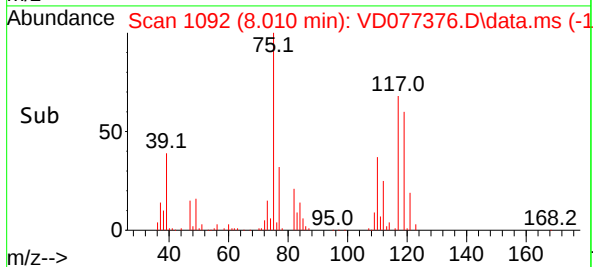
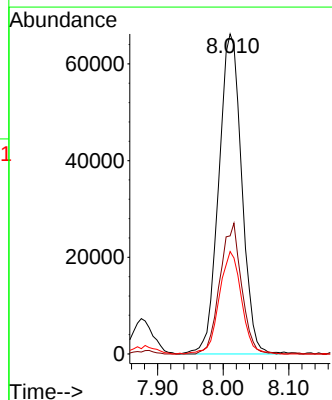
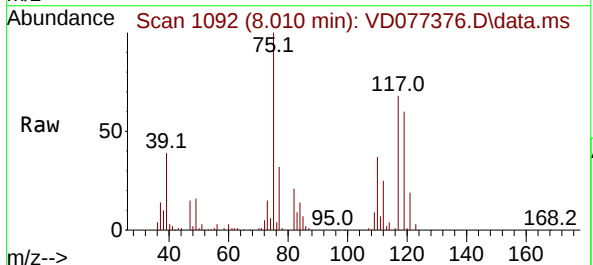
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

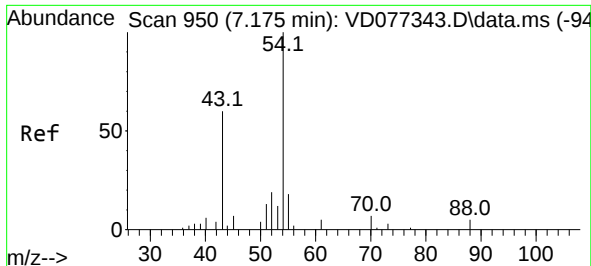
Tgt Ion:113 Resp: 105031
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.342 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 75 Resp: 160827
Ion Ratio Lower Upper
75 100
110 38.4 19.9 59.6
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 62.199 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

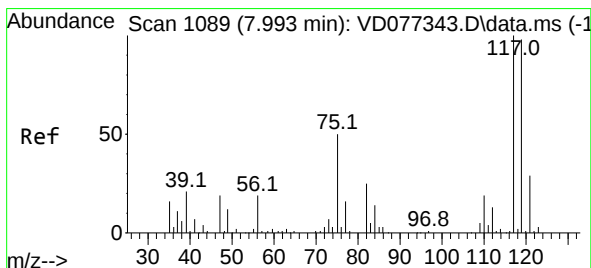
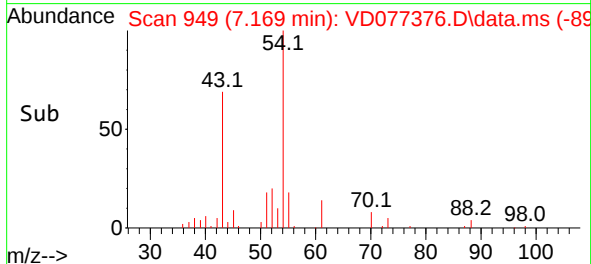
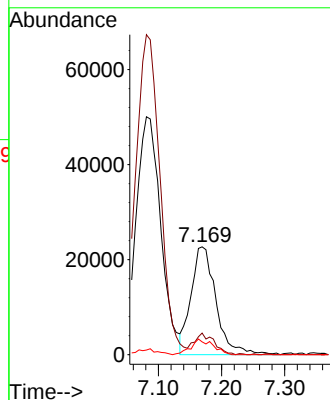
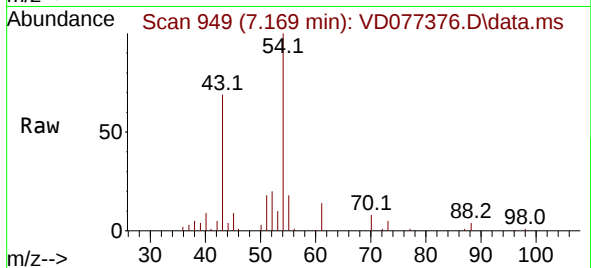
Tgt Ion: 43 Resp: 62418

Ion Ratio Lower Upper

43 100

61 15.9 14.9 22.3

70 12.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 47.014 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

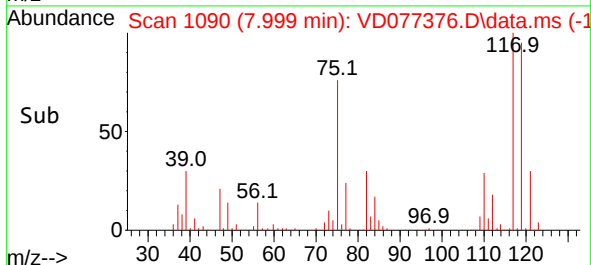
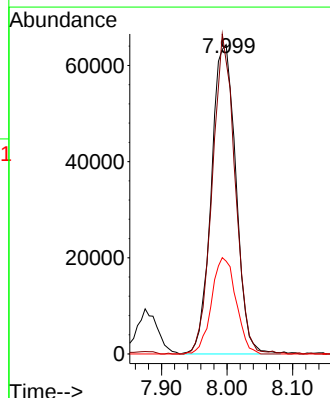
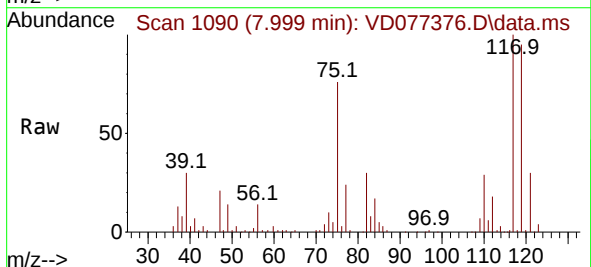
Tgt Ion:117 Resp: 167083

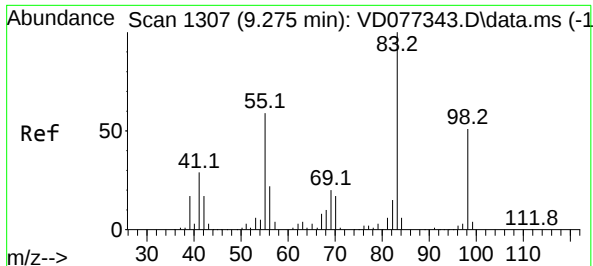
Ion Ratio Lower Upper

117 100

119 94.7 78.0 117.0

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 47.108 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

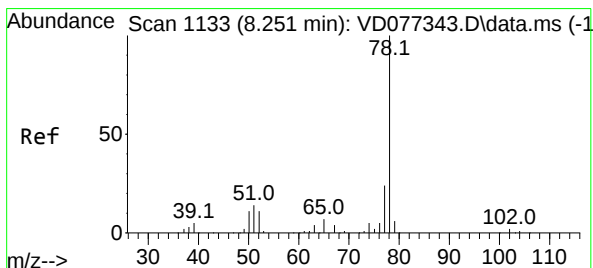
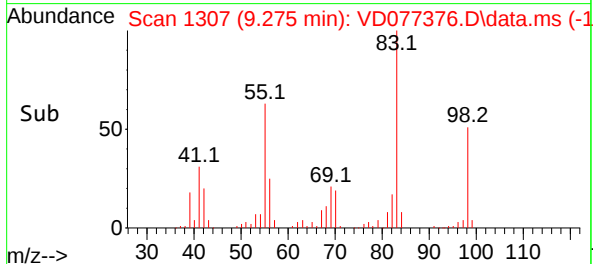
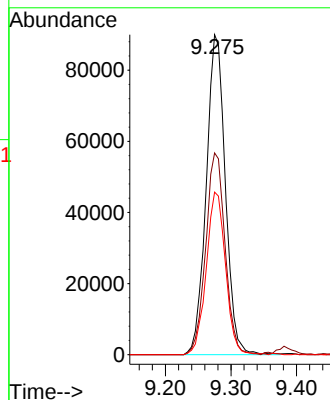
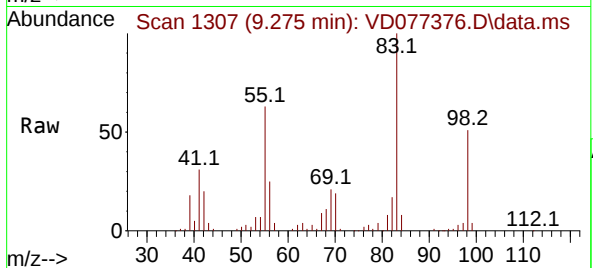
Tgt Ion: 83 Resp: 182868

Ion Ratio Lower Upper

83 100

55 63.1 49.4 74.0

98 50.8 38.4 57.6



#40

Benzene

Concen: 49.664 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077376.D

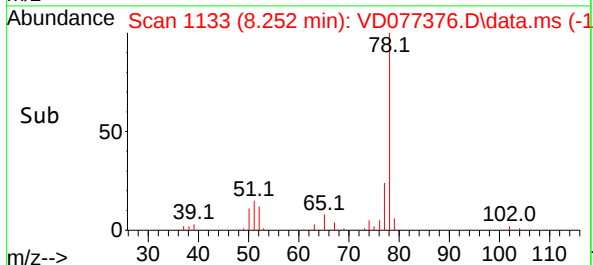
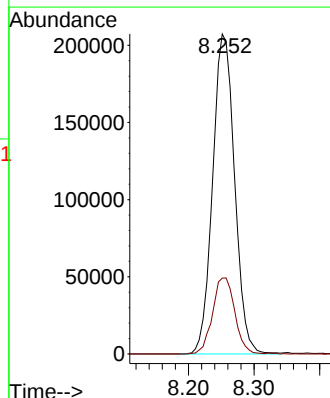
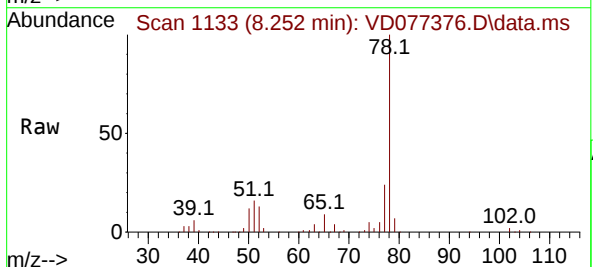
Acq: 23 Oct 2023 10:25

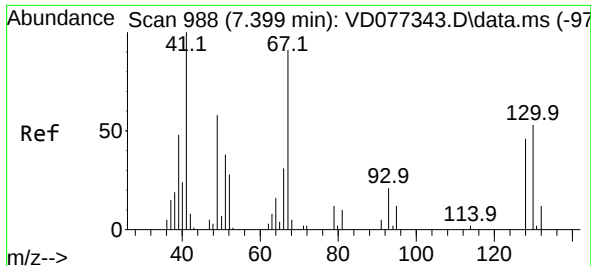
Tgt Ion: 78 Resp: 481496

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0



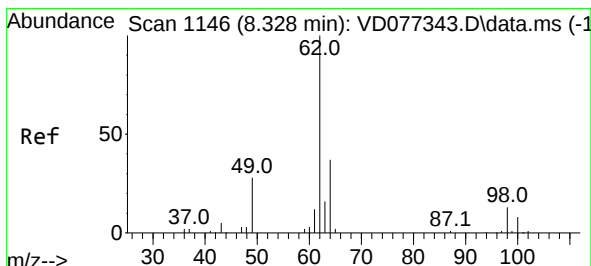
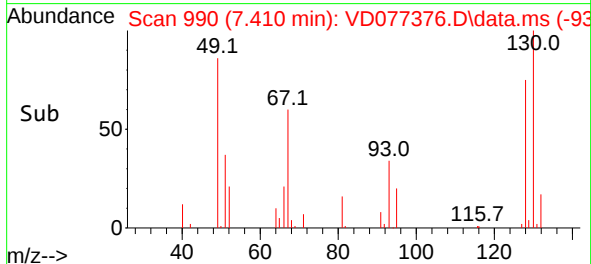
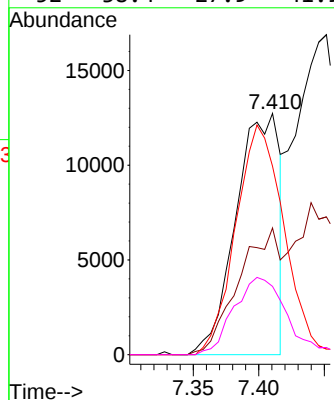
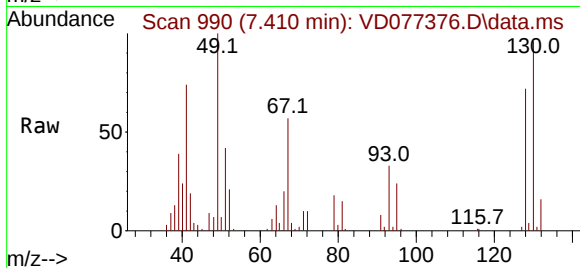


#41
Methacrylonitrile
Concen: 61.671 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.011 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 29536

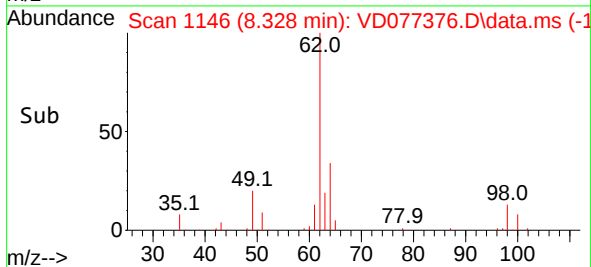
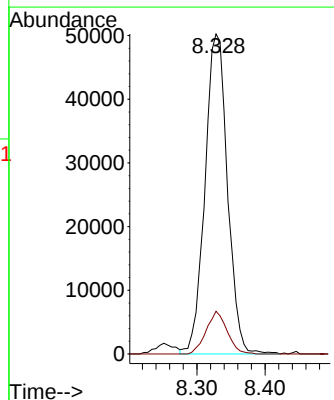
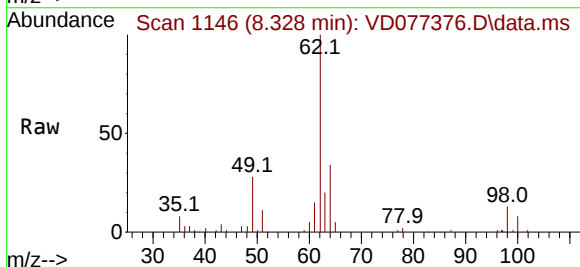
Ion	Ratio	Lower	Upper
41	100		
39	49.5	34.0	51.0
67	105.0	77.0	115.4
52	38.4	27.9	41.9

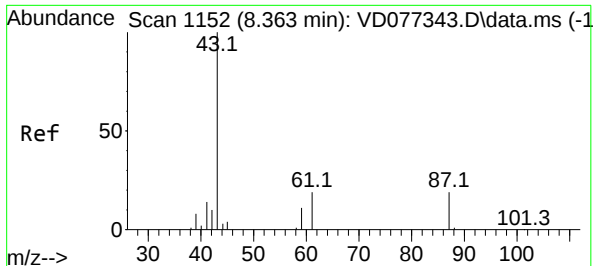


#42
1,2-Dichloroethane
Concen: 50.583 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 62 Resp: 115510

Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	25.4

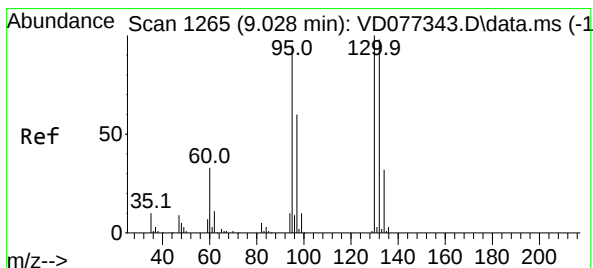
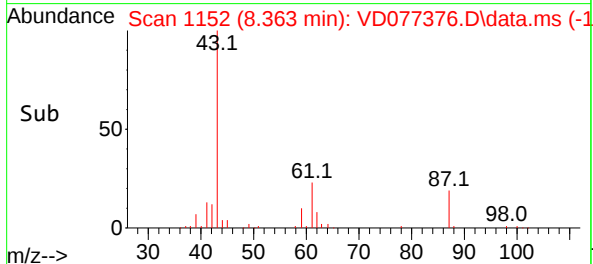
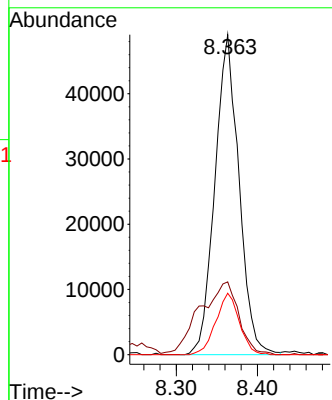
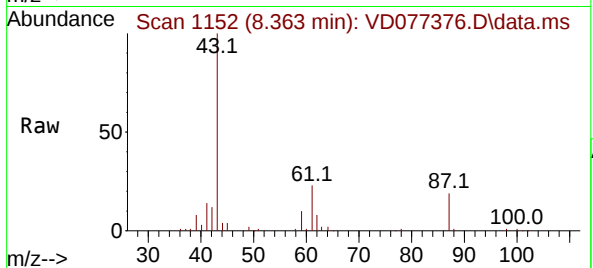




#43
Isopropyl Acetate
Concen: 55.947 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

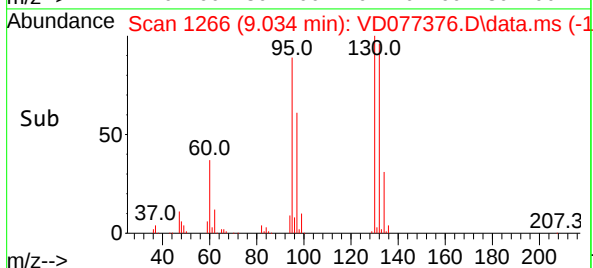
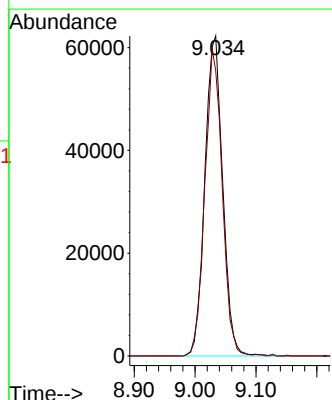
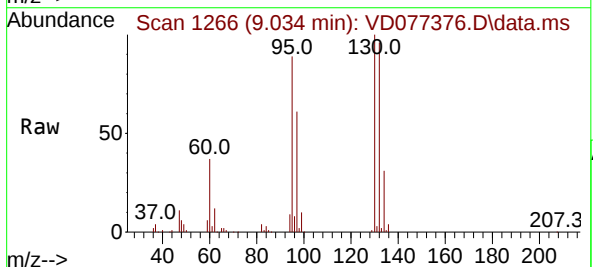
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

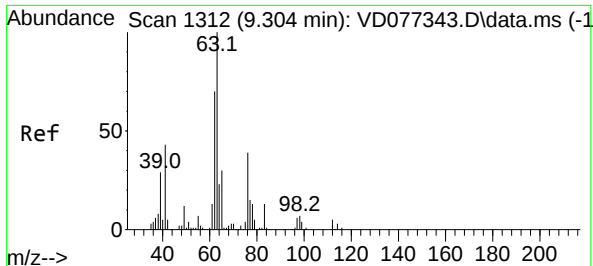
Tgt Ion: 43 Resp: 101074
Ion Ratio Lower Upper
43 100
61 36.5 31.4 47.0
87 18.8 14.9 22.3



#44
Trichloroethene
Concen: 44.574 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:130 Resp: 126346
Ion Ratio Lower Upper
130 100
95 89.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.246 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

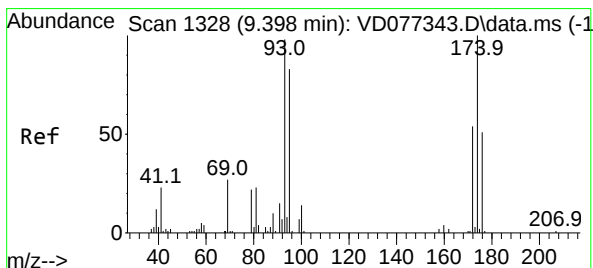
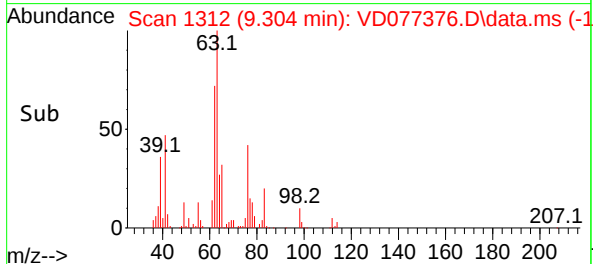
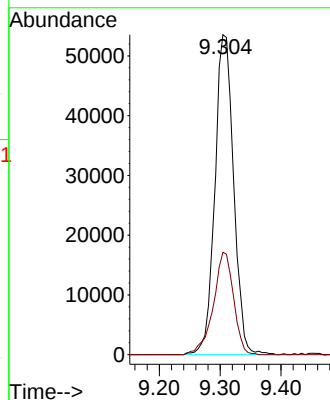
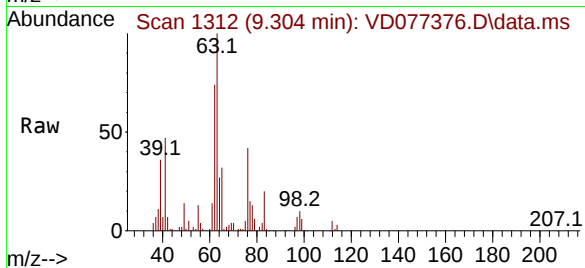
VSTDCCC050

Tgt Ion: 63 Resp: 114527

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 49.241 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.001 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

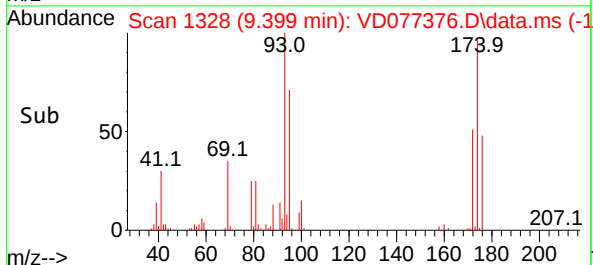
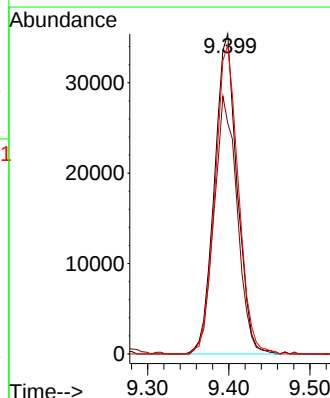
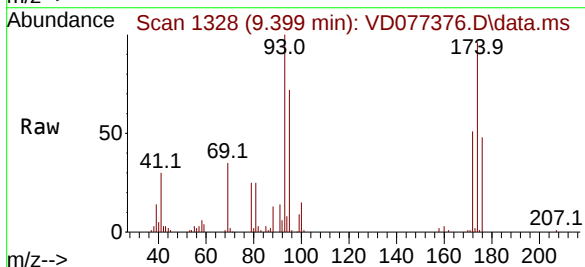
Tgt Ion: 93 Resp: 68798

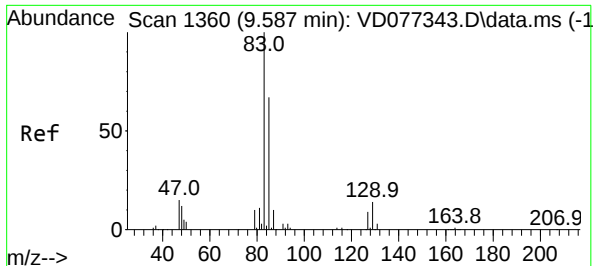
Ion Ratio Lower Upper

93 100

95 82.1 67.7 101.5

174 99.3 85.4 128.2





#47

Bromodichloromethane

Concen: 49.872 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

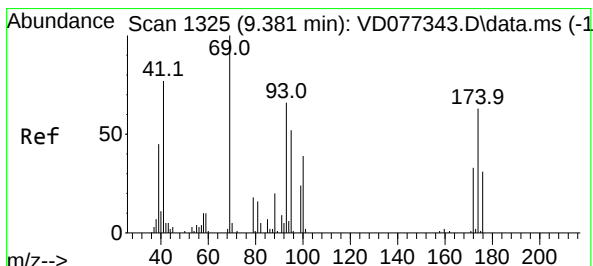
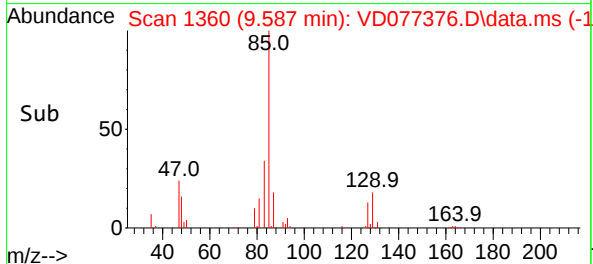
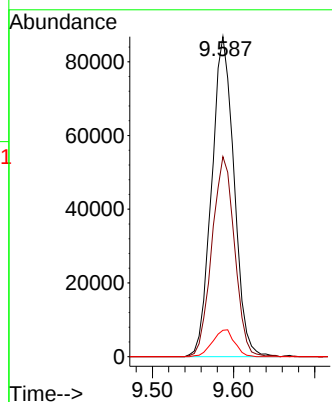
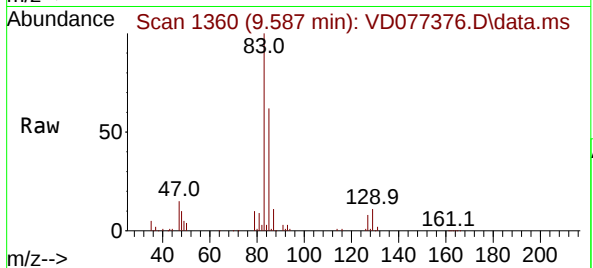
Tgt Ion: 83 Resp: 166152

Ion Ratio Lower Upper

83 100

85 62.5 50.2 75.4

127 8.3 6.3 9.5



#48

Methyl methacrylate

Concen: 57.138 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

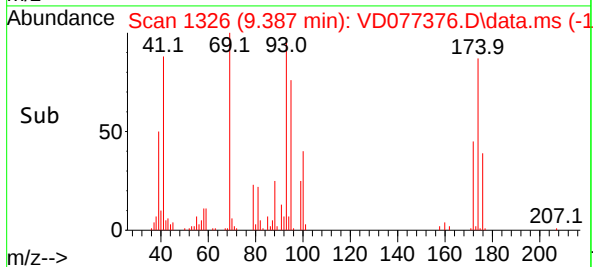
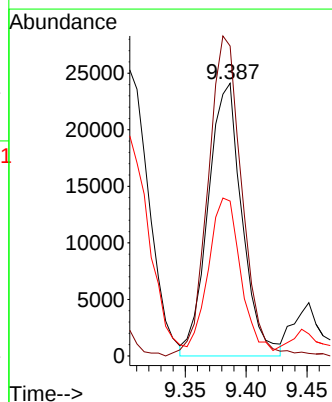
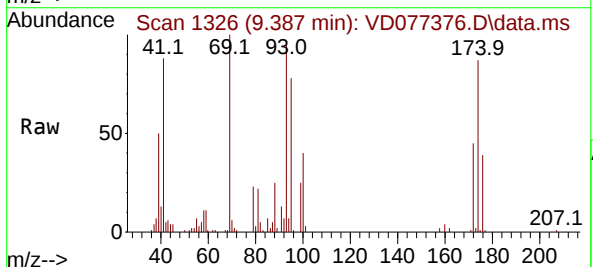
Tgt Ion: 41 Resp: 46697

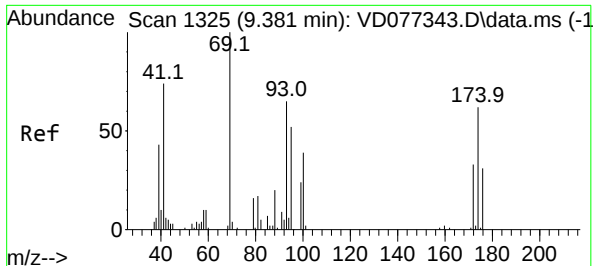
Ion Ratio Lower Upper

41 100

69 116.7 102.2 153.2

39 52.0 41.4 62.2

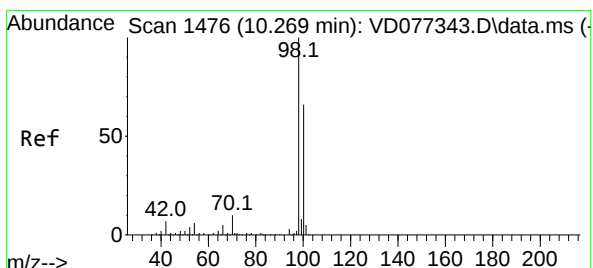
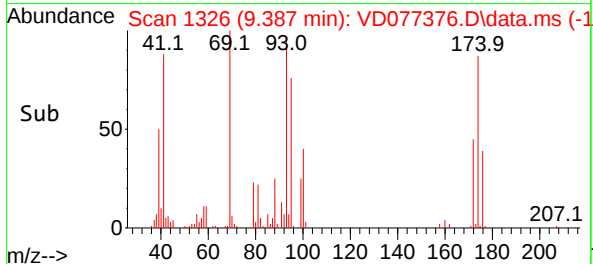
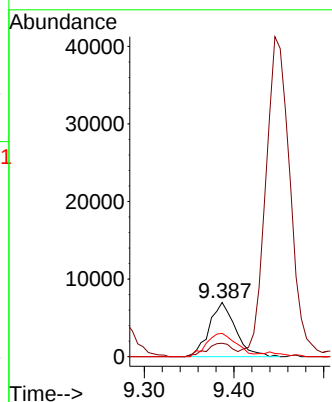
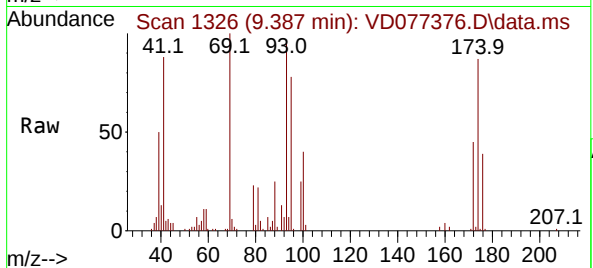




#49
1,4-Dioxane
Concen: 1029.969 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

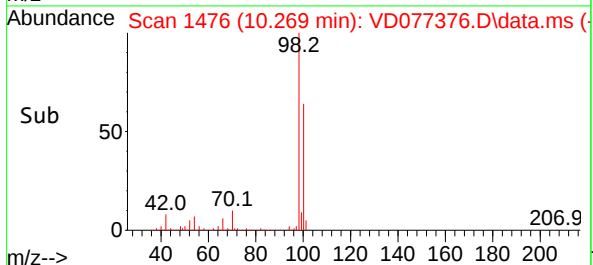
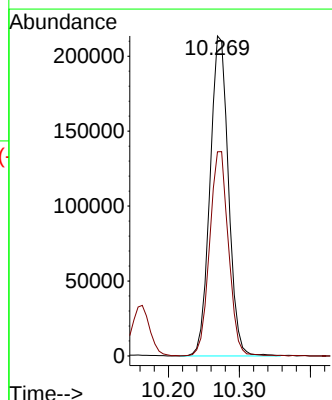
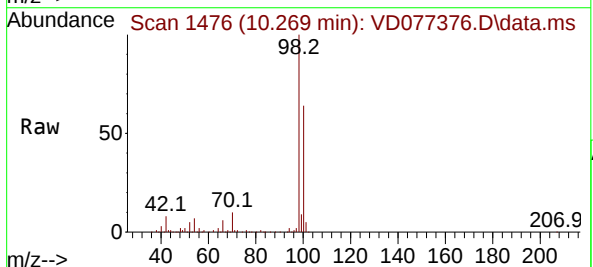
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

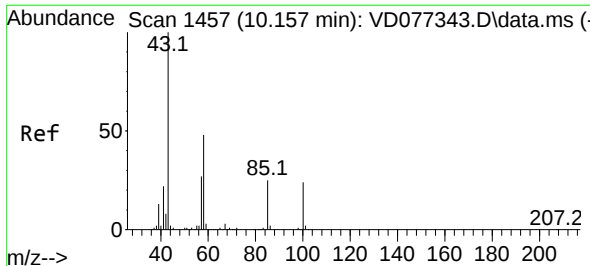
Tgt Ion: 88 Resp: 14152
Ion Ratio Lower Upper
88 100
43 24.9 19.0 28.6
58 48.9 43.5 65.3



#50
Toluene-d8
Concen: 44.189 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 98 Resp: 384773
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 307.269 ug/l

RT: 10.163 min Scan# 1457

Delta R.T. 0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

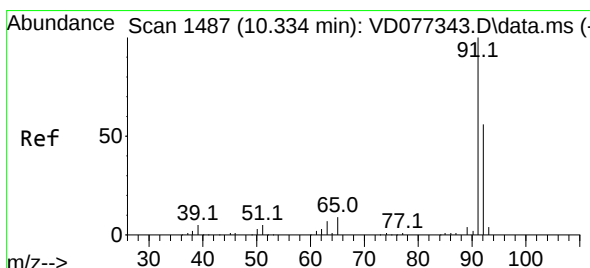
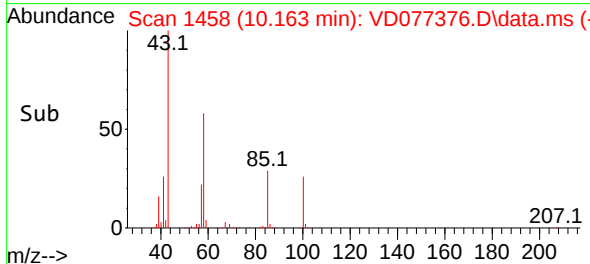
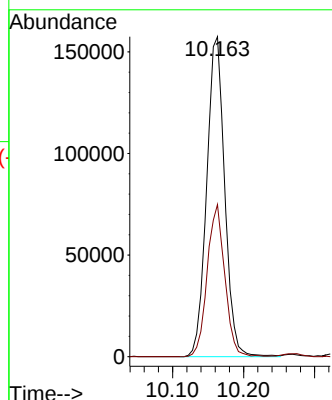
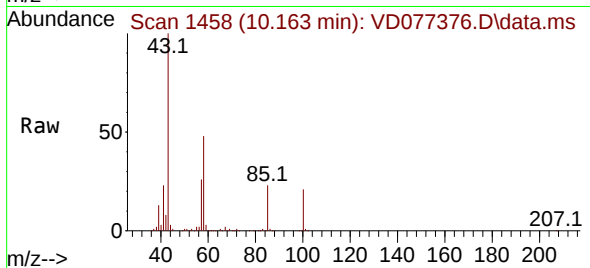
VSTDCCC050

Tgt Ion: 43 Resp: 278266

Ion Ratio Lower Upper

43 100

58 46.3 38.9 58.3



#52

Toluene

Concen: 49.099 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077376.D

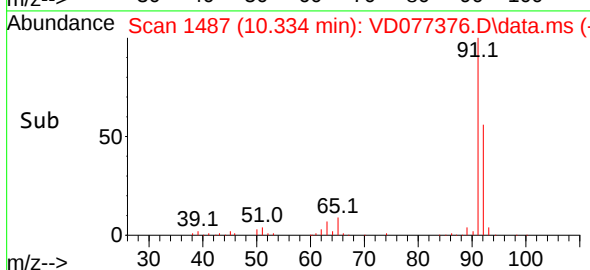
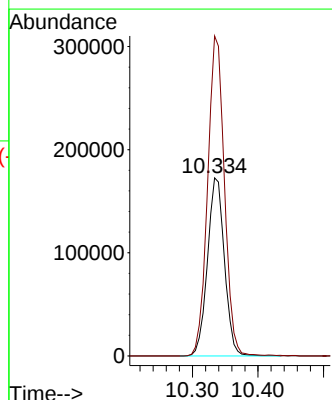
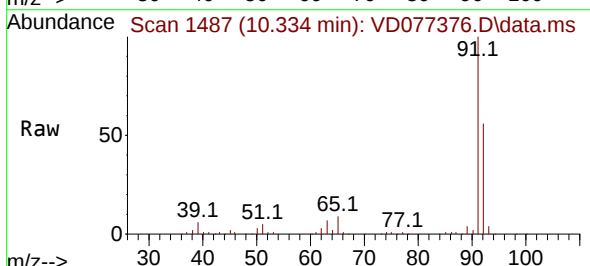
Acq: 23 Oct 2023 10:25

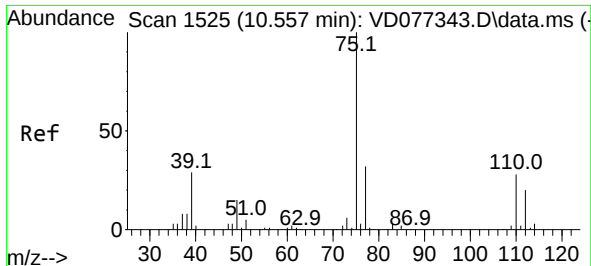
Tgt Ion: 92 Resp: 310797

Ion Ratio Lower Upper

92 100

91 177.6 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 50.852 ug/l

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

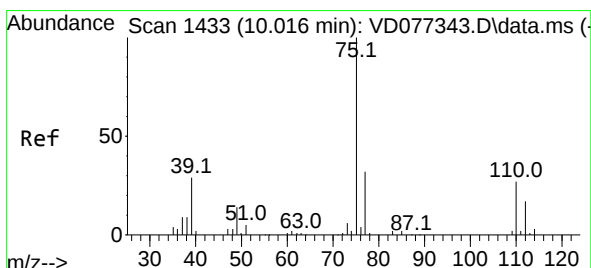
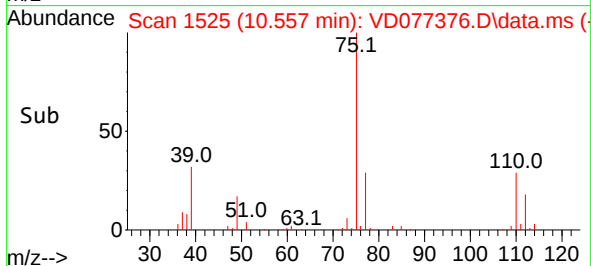
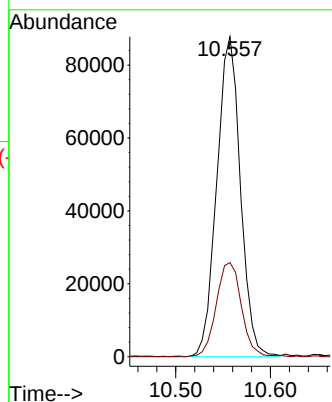
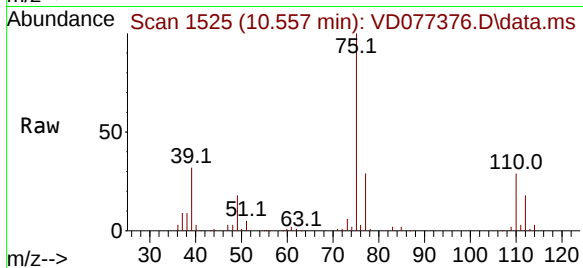
VSTDCCC050

Tgt Ion: 75 Resp: 152073

Ion Ratio Lower Upper

75 100

77 29.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.396 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

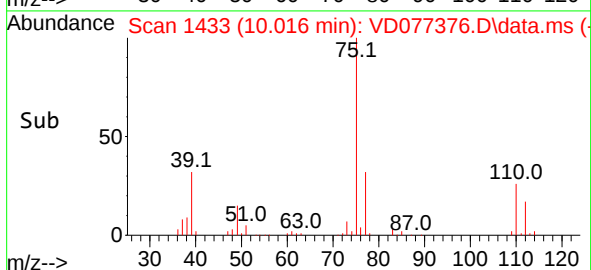
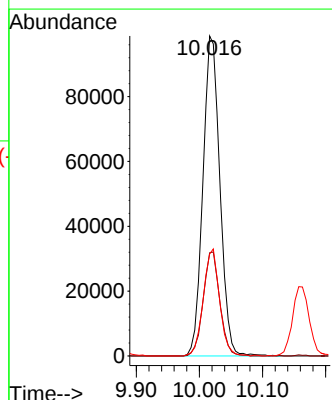
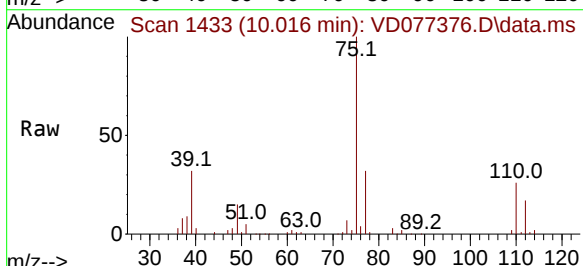
Tgt Ion: 75 Resp: 184395

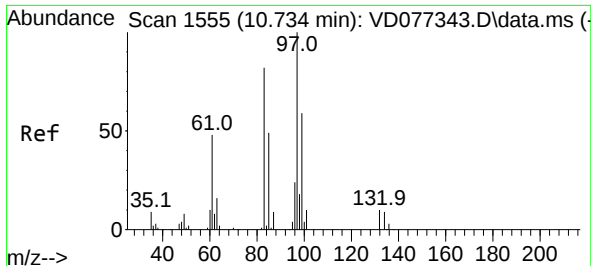
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 31.8 22.1 33.1

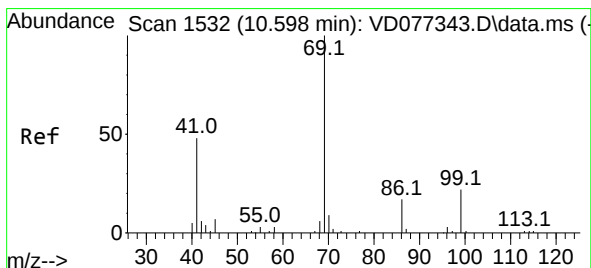
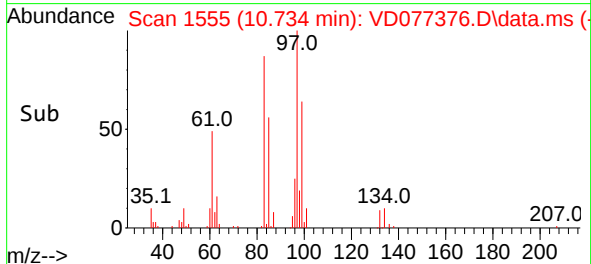
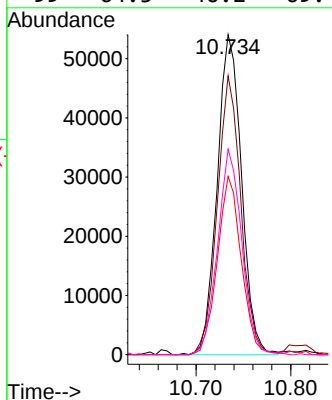
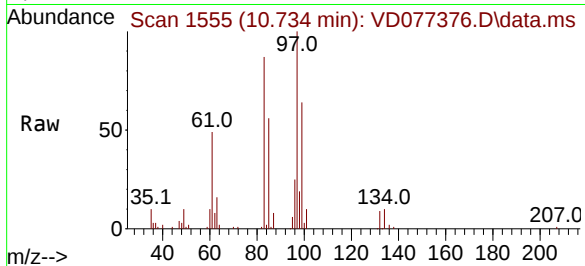




#55
1,1,2-Trichloroethane
Concen: 49.961 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

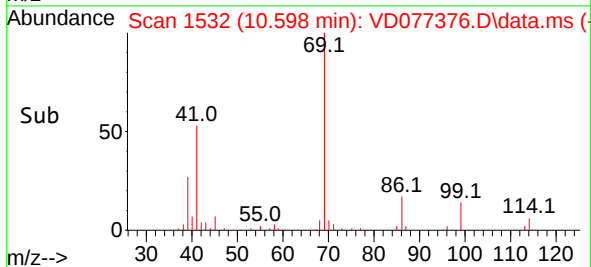
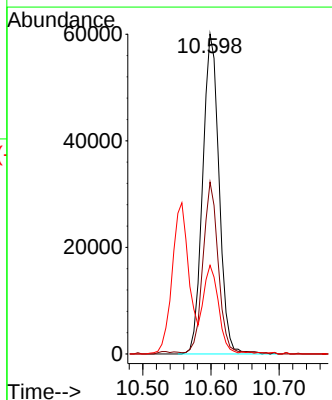
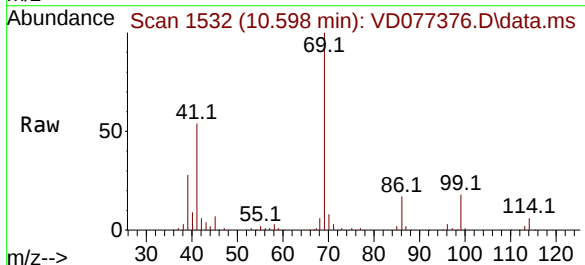
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

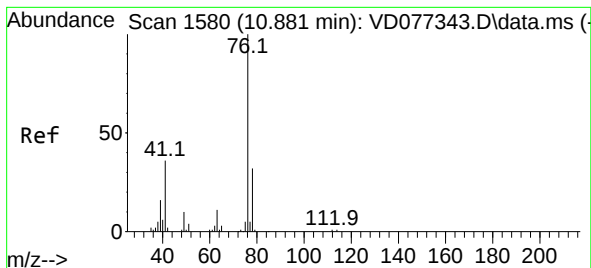
Tgt Ion:	97	Resp:	96682
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.8	98.6
85	55.7	45.7	68.5
99	64.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 54.332 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:	69	Resp:	100481
Ion	Ratio	Lower	Upper
69	100		
41	50.8	39.1	58.7
39	25.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 51.766 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

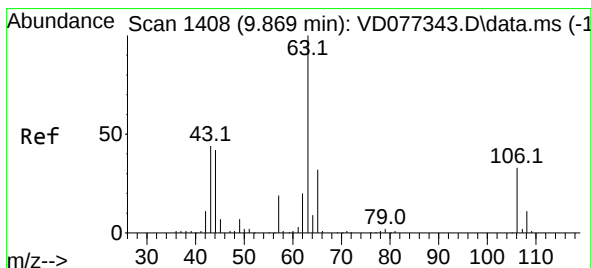
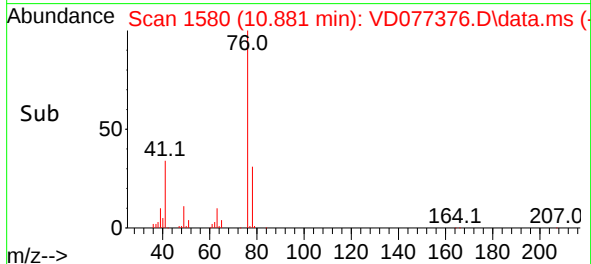
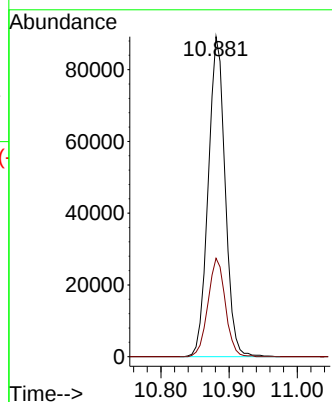
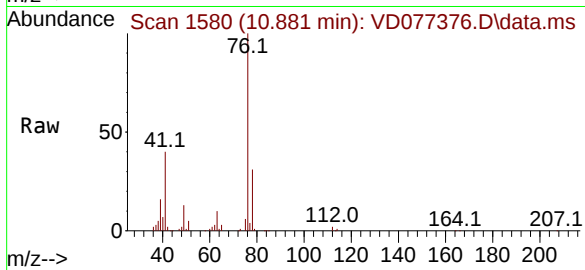
VSTDCCC050

Tgt Ion: 76 Resp: 153881

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 275.575 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077376.D

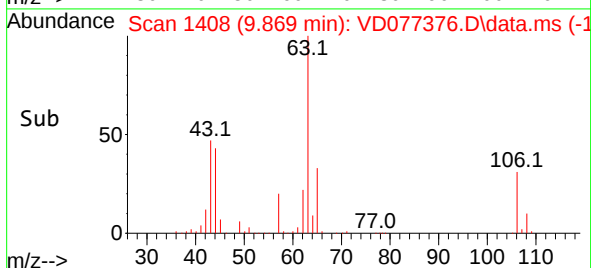
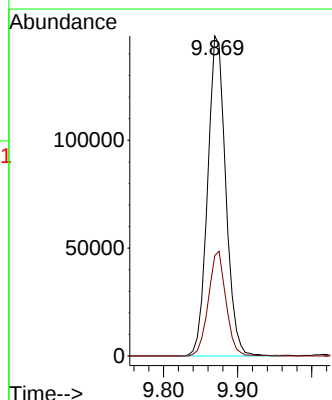
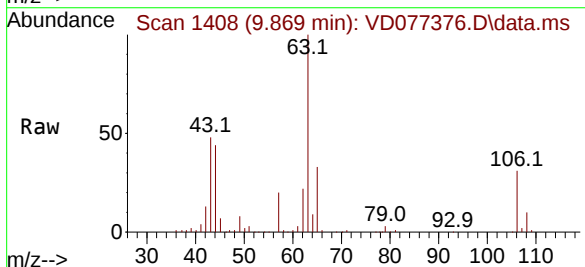
Acq: 23 Oct 2023 10:25

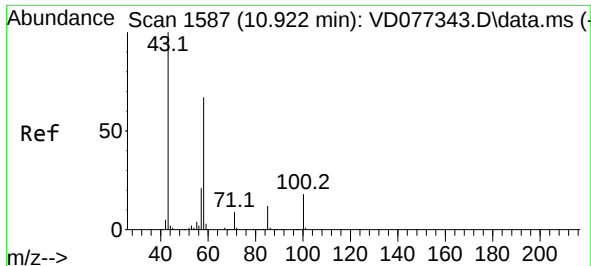
Tgt Ion: 63 Resp: 252034

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9

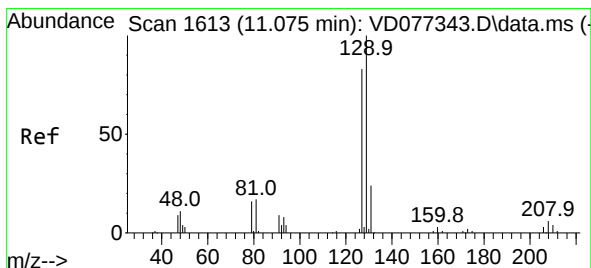
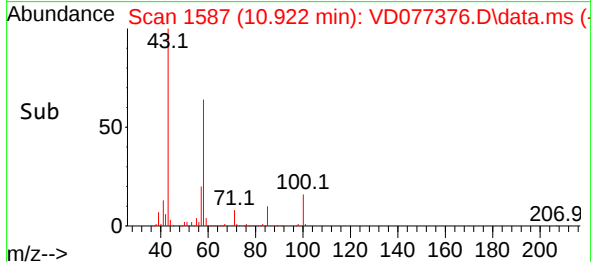
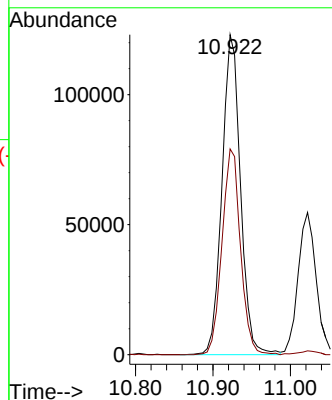
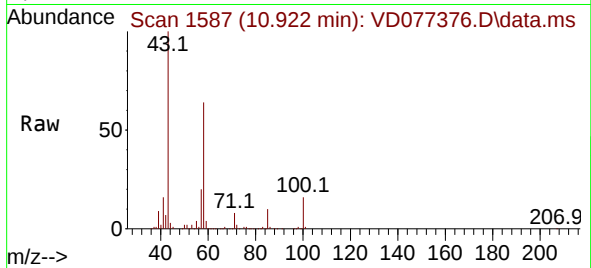




#59
2-Hexanone
Concen: 314.721 ug/l
RT: 10.922 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

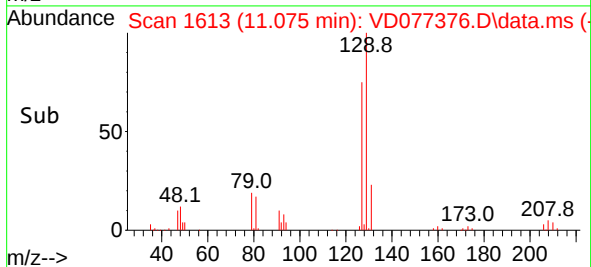
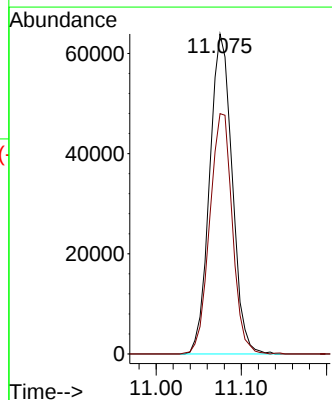
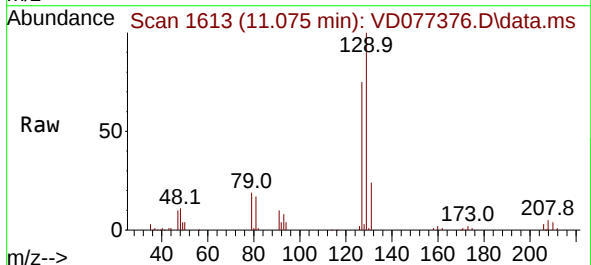
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

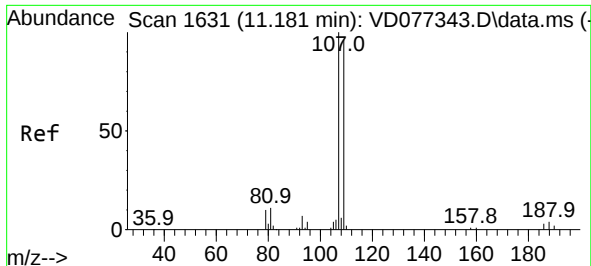
Tgt Ion: 43 Resp: 204702
Ion Ratio Lower Upper
43 100
58 64.2 34.1 102.2



#60
Dibromochloromethane
Concen: 47.566 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:129 Resp: 117535
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5

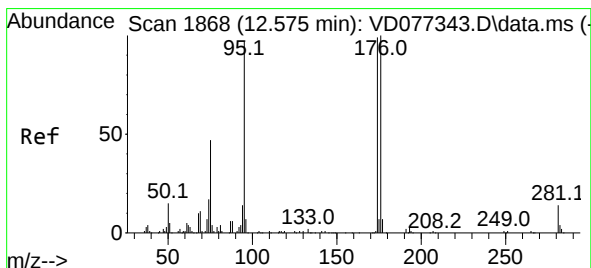
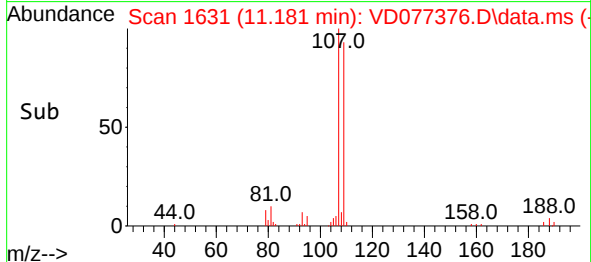
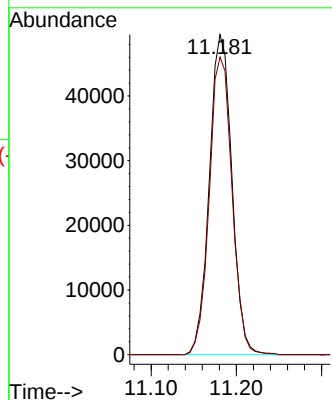
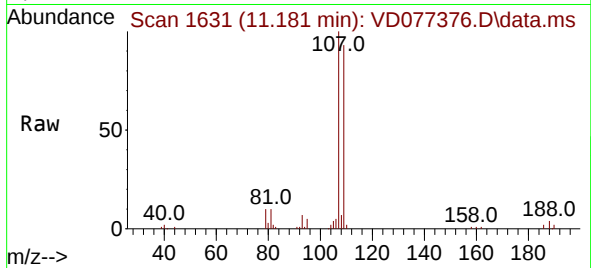




#61
1,2-Dibromoethane
Concen: 49.810 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

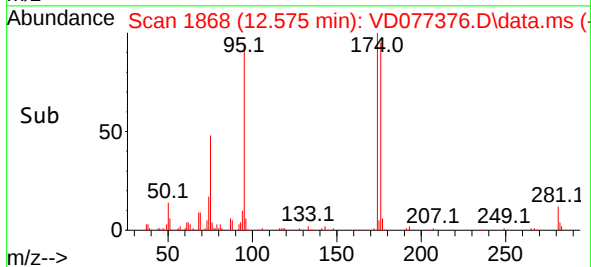
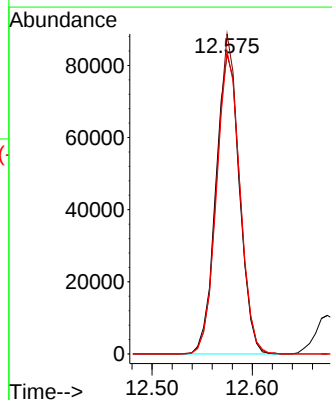
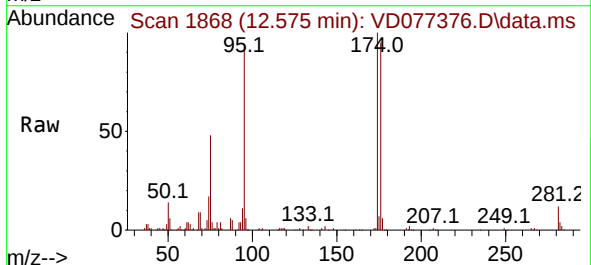
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

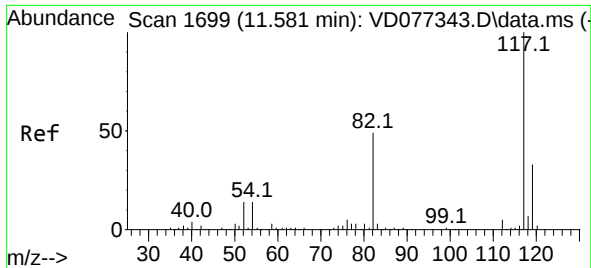
Tgt Ion:107 Resp: 90828
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.673 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 95 Resp: 137037
Ion Ratio Lower Upper
95 100
174 101.1 0.0 201.8
176 98.7 0.0 191.8

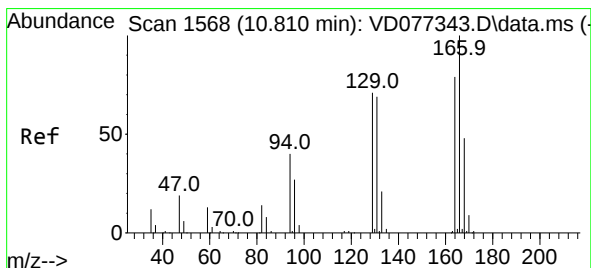
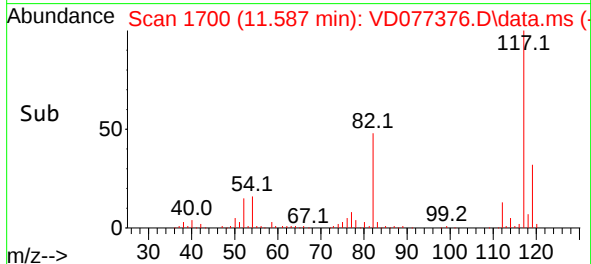
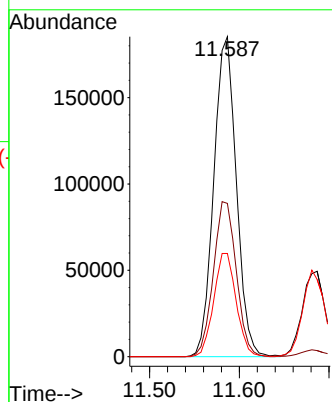
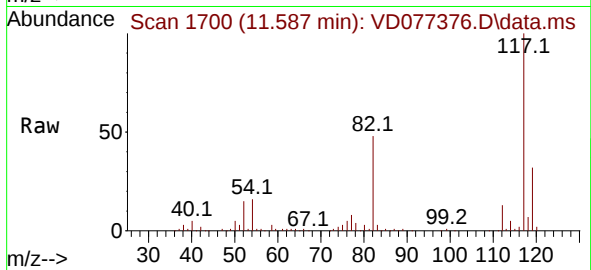




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

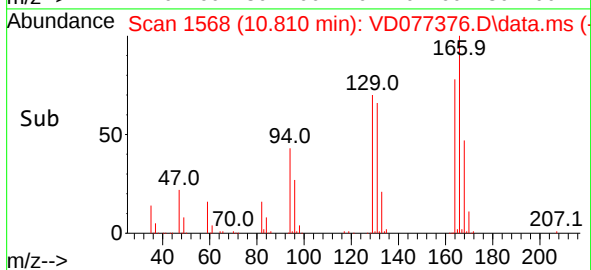
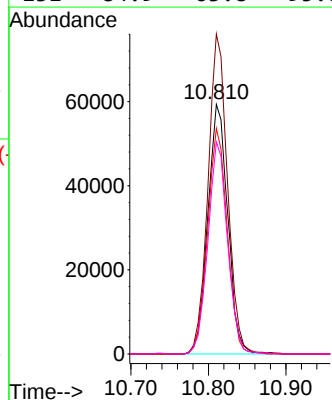
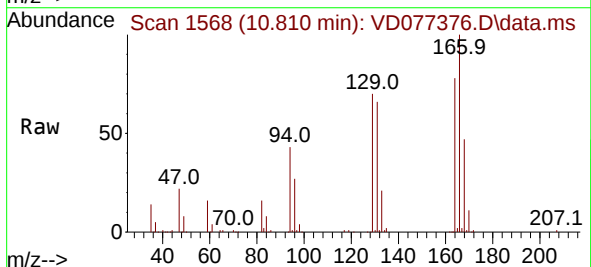
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

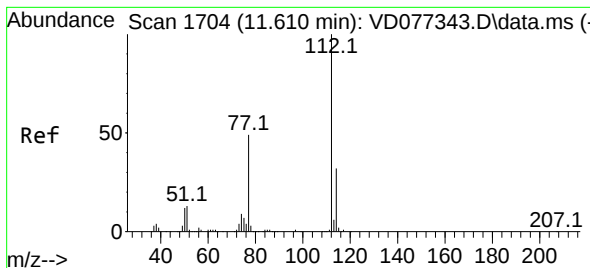
Tgt Ion:117 Resp: 323780
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 44.141 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:164 Resp: 106228
Ion Ratio Lower Upper
164 100
166 128.2 99.2 148.8
129 90.4 68.4 102.6
131 84.9 63.8 95.8





#65

Chlorobenzene

Concen: 46.725 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

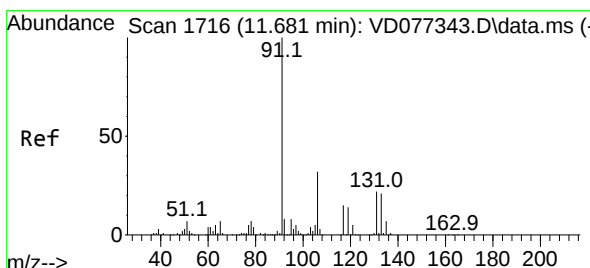
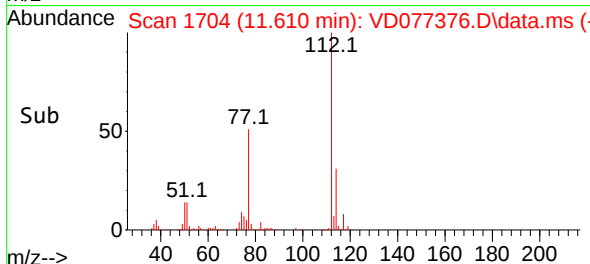
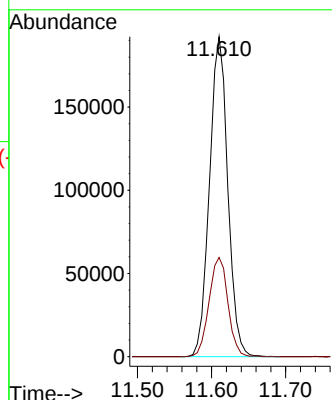
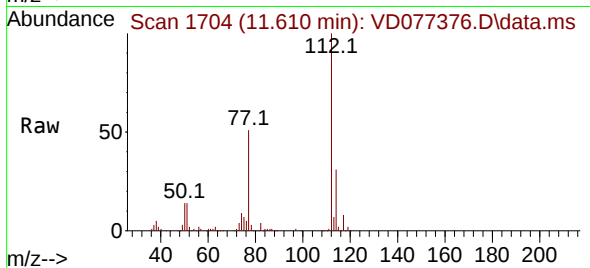
VSTDCCC050

Tgt Ion:112 Resp: 329760

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 47.455 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

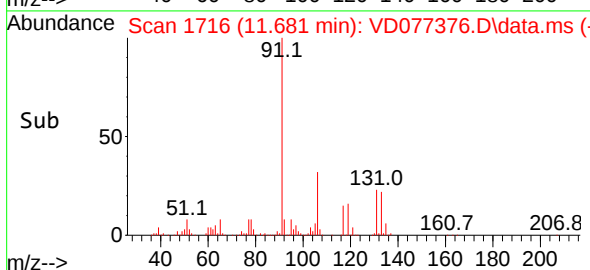
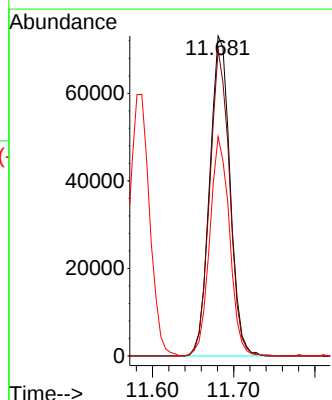
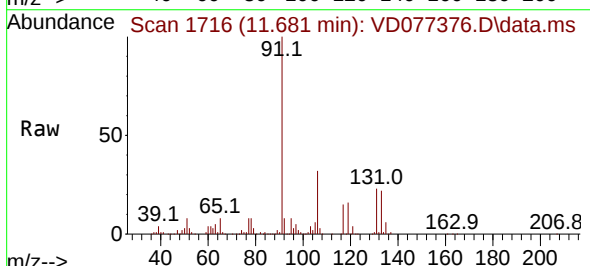
Tgt Ion:131 Resp: 127308

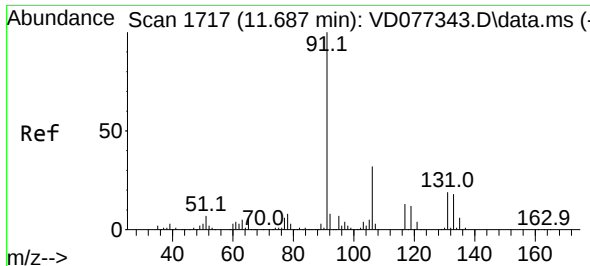
Ion Ratio Lower Upper

131 100

133 93.5 48.5 145.5

119 66.6 35.6 106.9

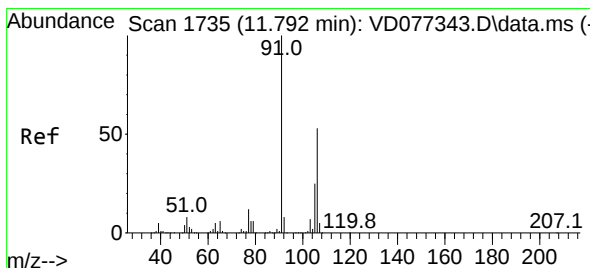
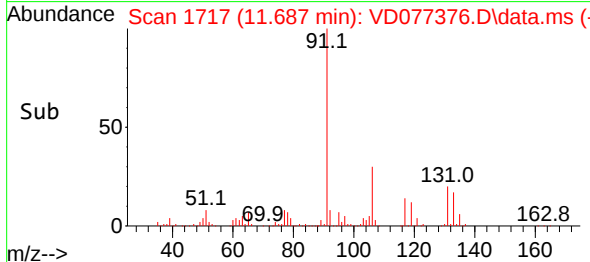
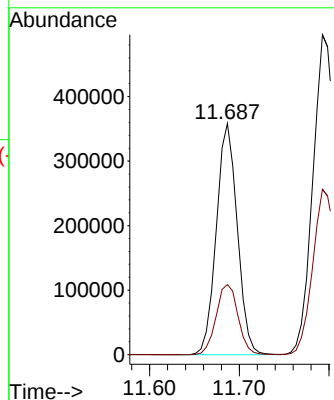
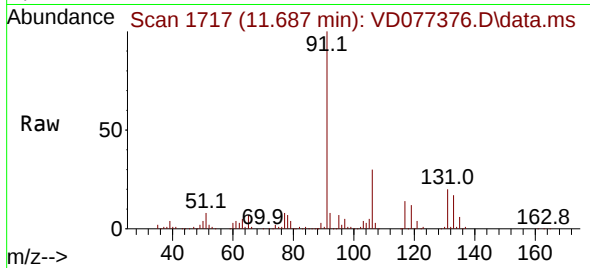




#67
Ethyl Benzene
Concen: 49.563 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

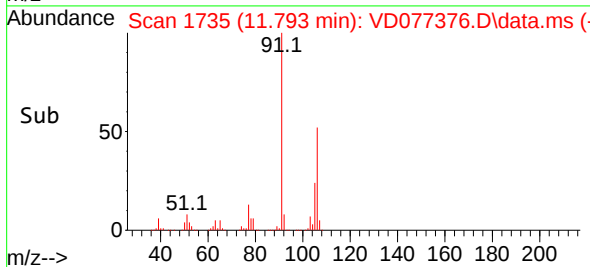
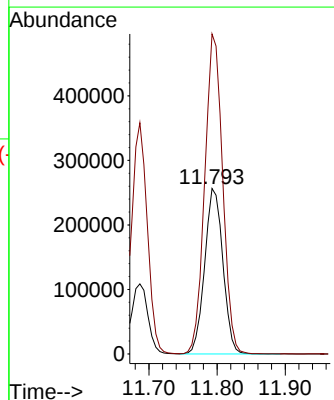
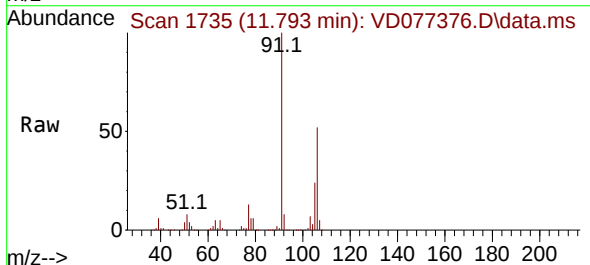
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

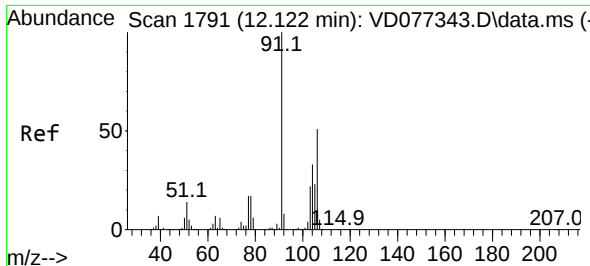
Tgt Ion: 91 Resp: 579840
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7



#68
m/p-Xylenes
Concen: 99.025 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 106 Resp: 475724
Ion Ratio Lower Upper
106 100
91 190.5 147.0 220.6

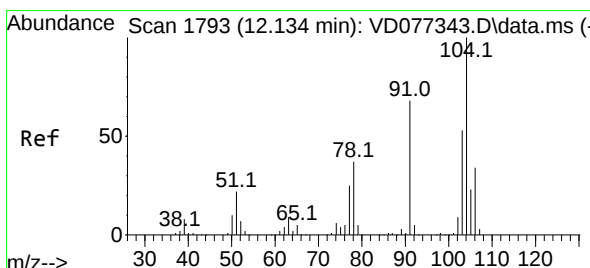
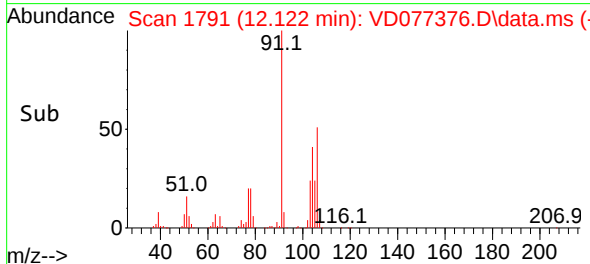
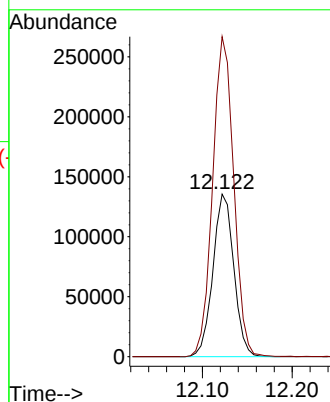
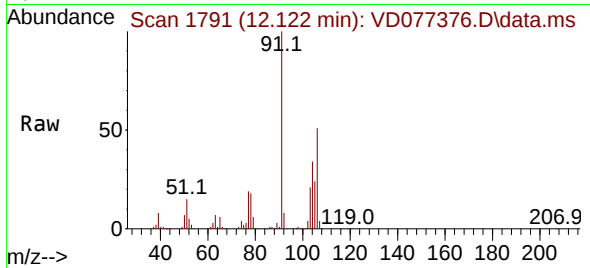




#69
o-Xylene
Concen: 49.524 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

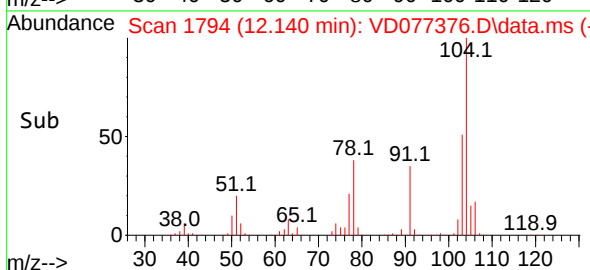
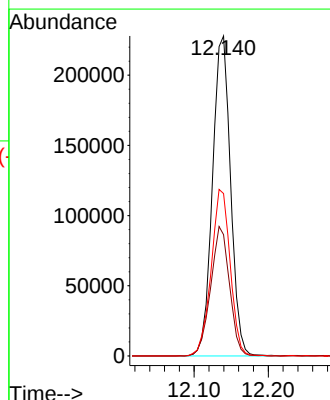
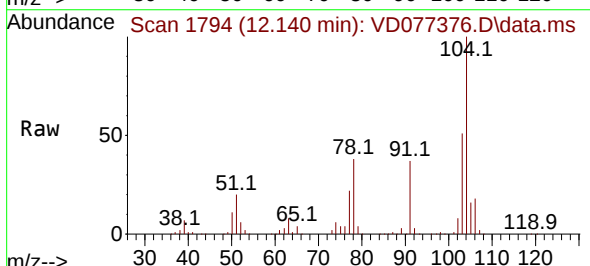
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

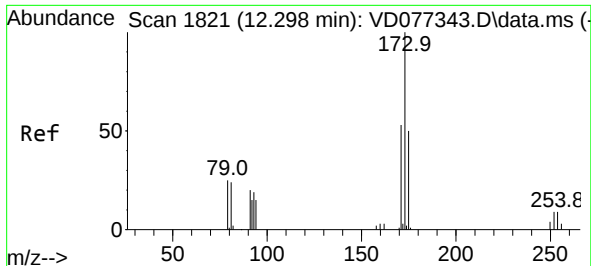
Tgt Ion:106 Resp: 219018
Ion Ratio Lower Upper
106 100
91 198.8 97.9 293.6



#70
Styrene
Concen: 51.220 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:104 Resp: 386474
Ion Ratio Lower Upper
104 100
78 42.2 33.2 49.8
103 54.7 43.6 65.4

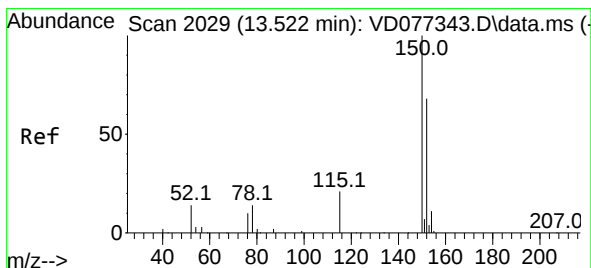
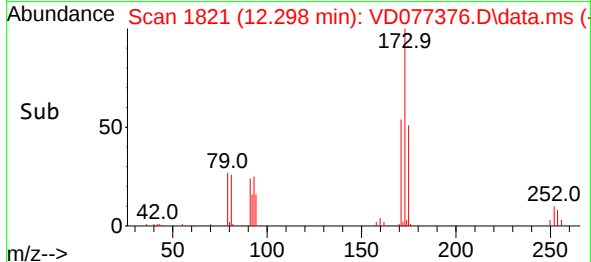
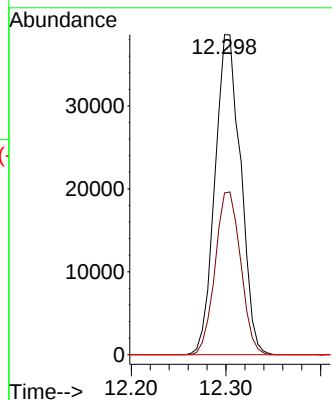
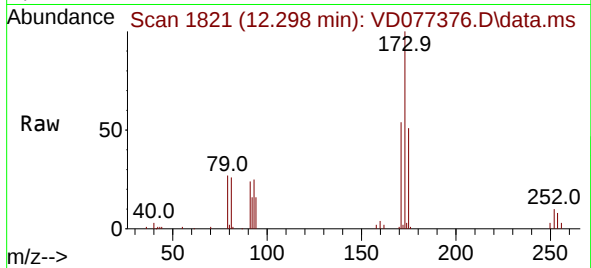




#71
Bromoform
Concen: 49.452 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

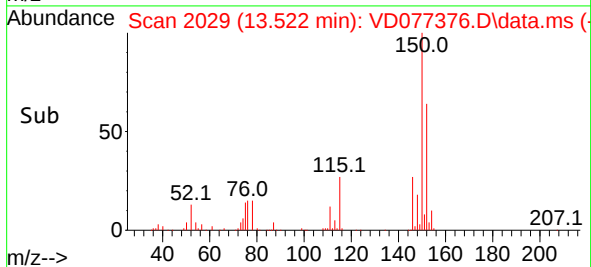
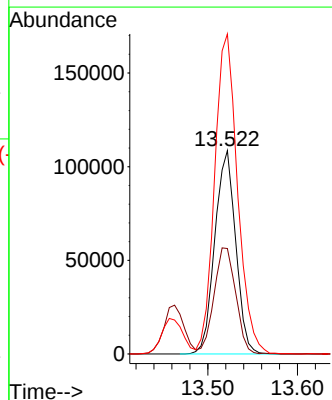
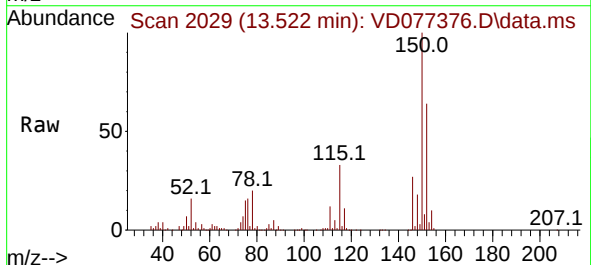
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

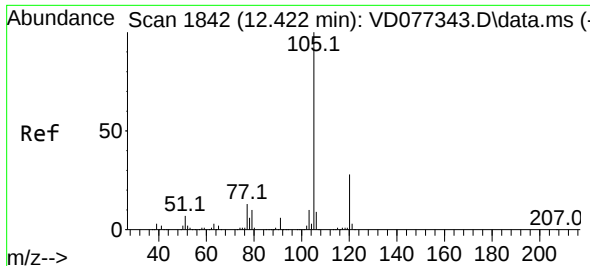
Tgt Ion:173 Resp: 72726
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion:152 Resp: 175330
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 172.6 0.0 353.6

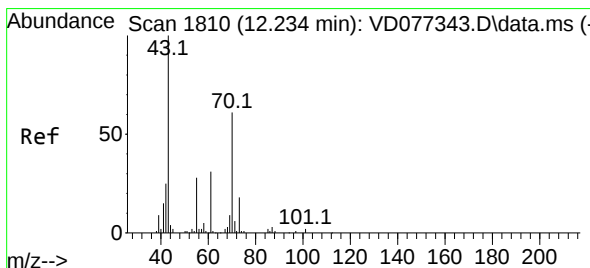
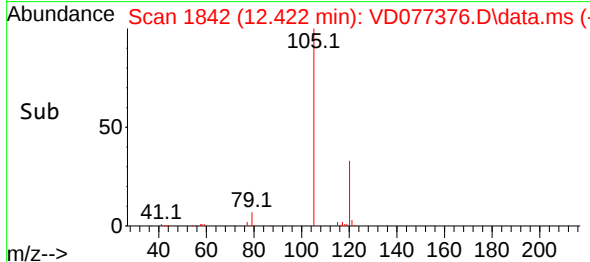
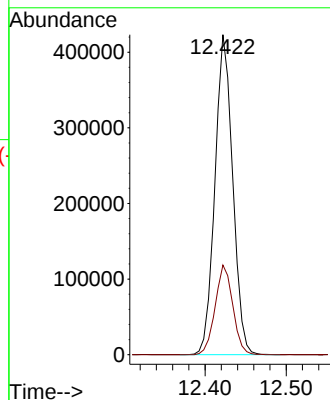
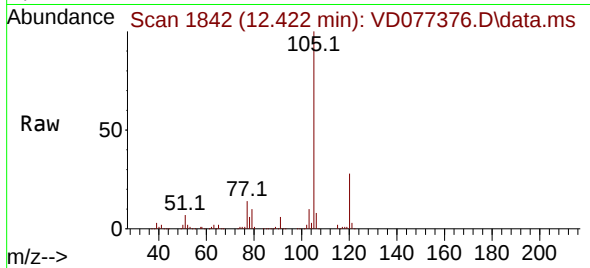




#73
Isopropylbenzene
Concen: 55.505 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

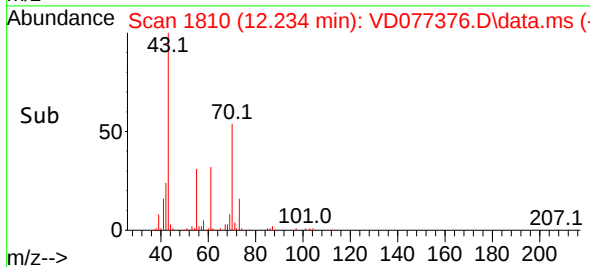
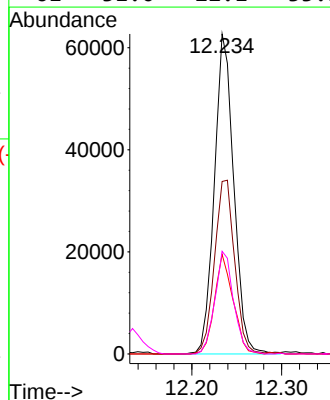
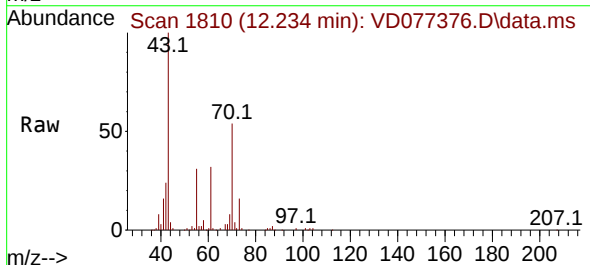
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

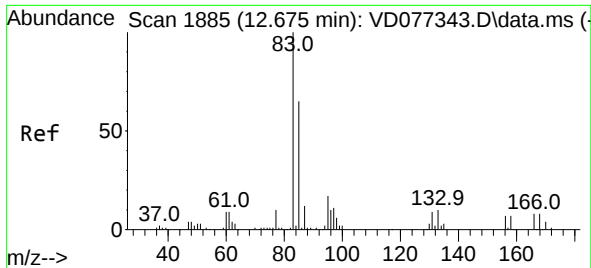
Tgt Ion:105 Resp: 643700
Ion Ratio Lower Upper
105 100
120 27.8 14.3 42.9



#74
N-ethyl acetate
Concen: 56.409 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 43 Resp: 94110
Ion Ratio Lower Upper
43 100
70 56.7 45.0 67.4
55 29.7 23.8 35.6
61 31.0 22.1 33.1

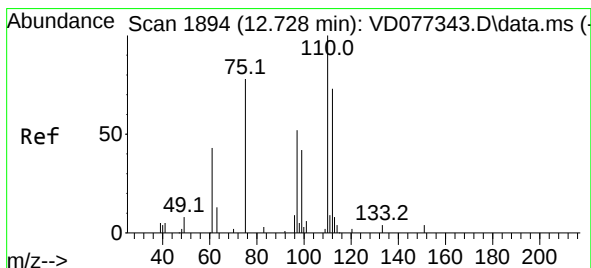
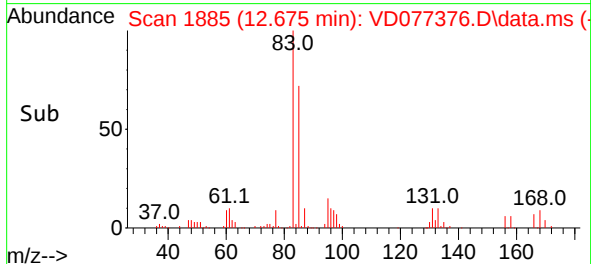
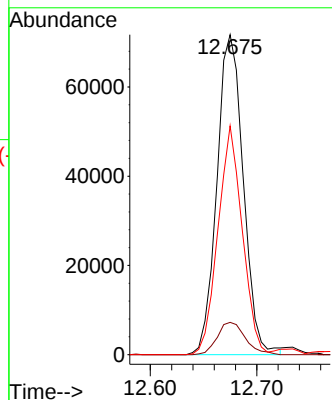
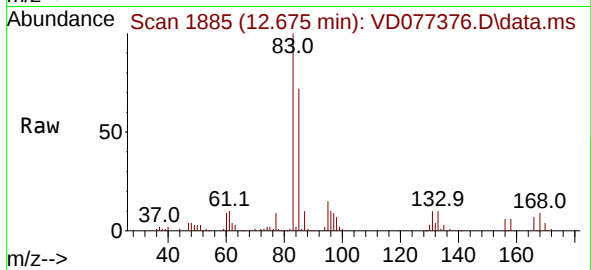




#75
1,1,2,2-Tetrachloroethane
Concen: 58.482 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

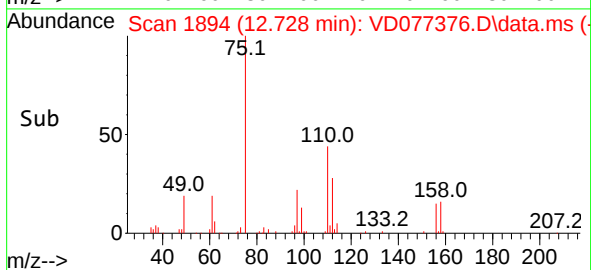
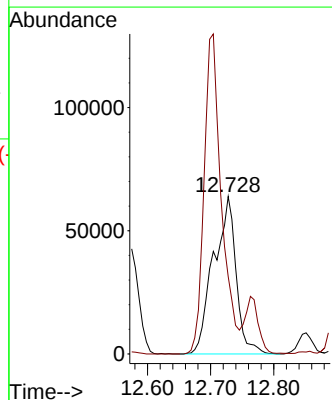
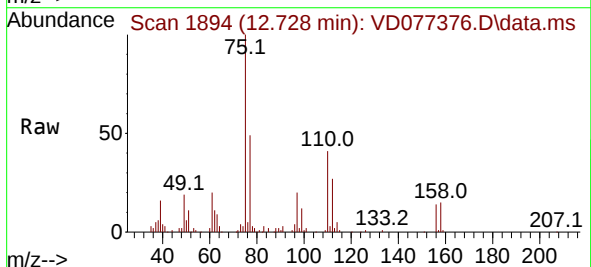
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

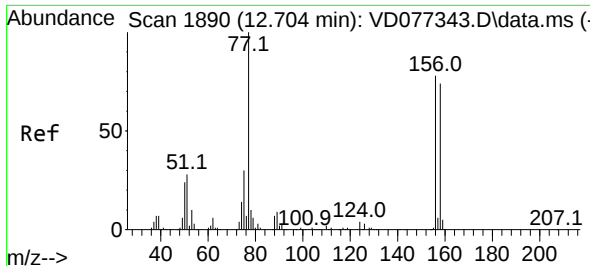
Tgt Ion: 83 Resp: 123245
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 65.787 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 75 Resp: 158765
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

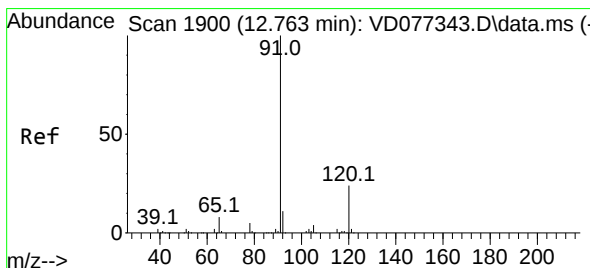
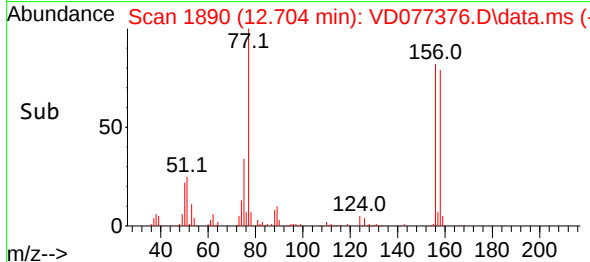
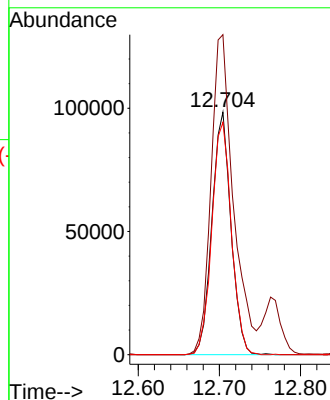
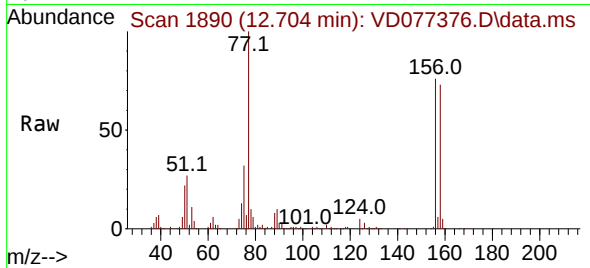




#77
Bromobenzene
Concen: 52.721 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

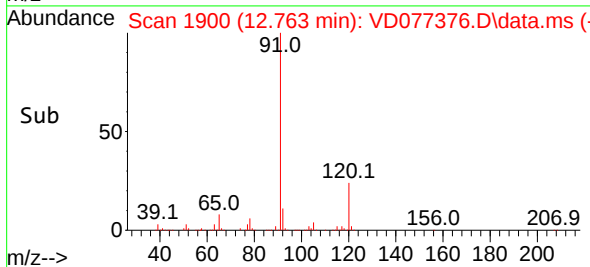
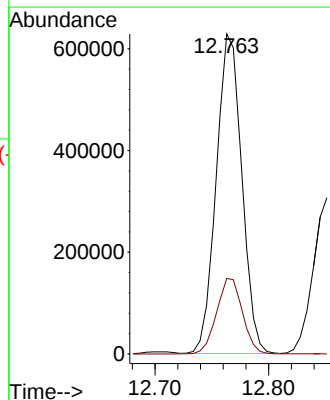
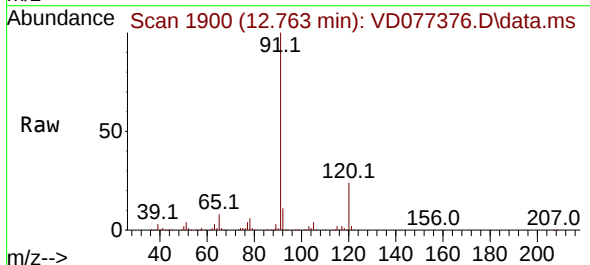
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

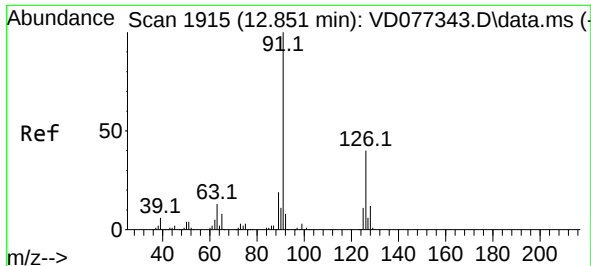
Tgt Ion:156 Resp: 160515
Ion Ratio Lower Upper
156 100
77 154.9 76.8 230.4
158 98.5 48.6 145.9



#78
n-propylbenzene
Concen: 70.419 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 91 Resp: 983520
Ion Ratio Lower Upper
91 100
120 23.8 12.4 37.2

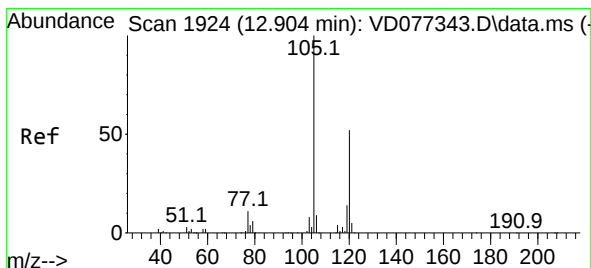
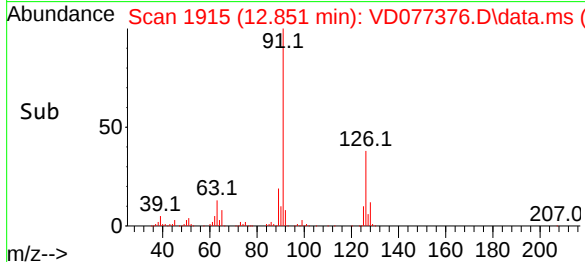
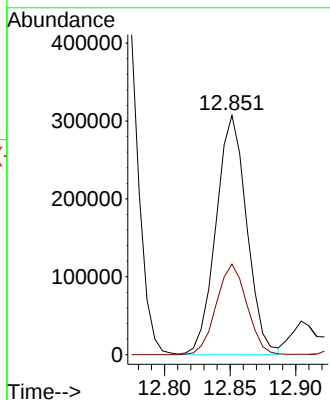
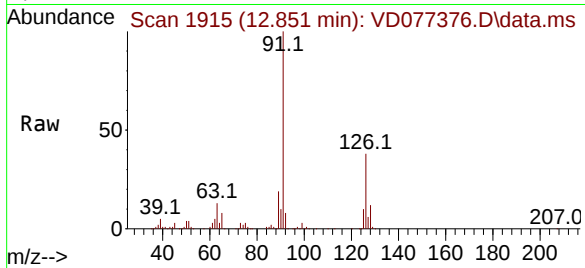




#79
2-Chlorotoluene
Concen: 65.716 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

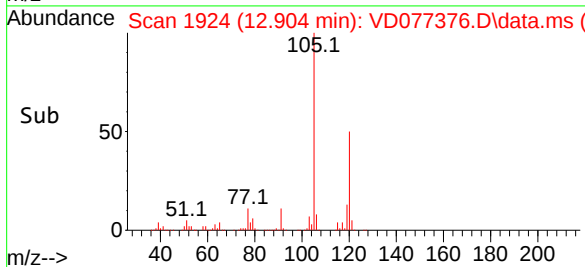
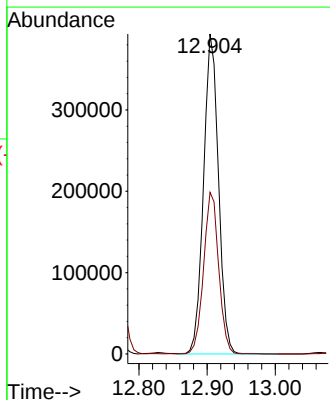
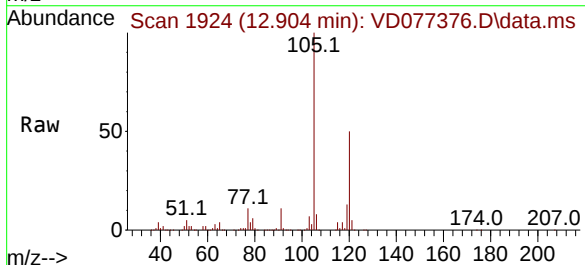
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

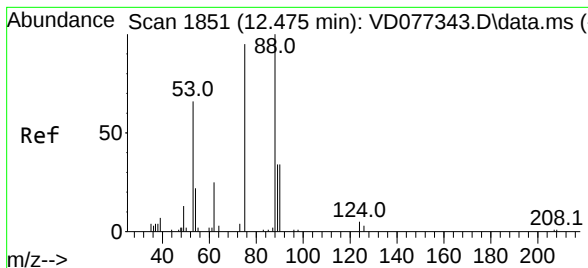
Tgt Ion: 91 Resp: 499927
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 62.665 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 105 Resp: 599713
Ion Ratio Lower Upper
105 100
120 51.0 26.4 79.2

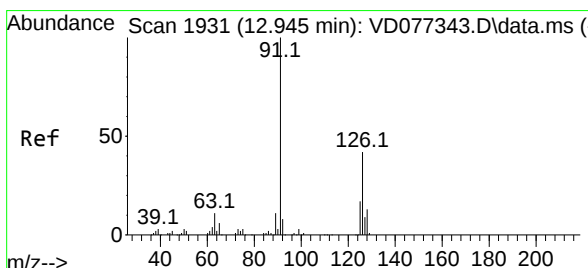
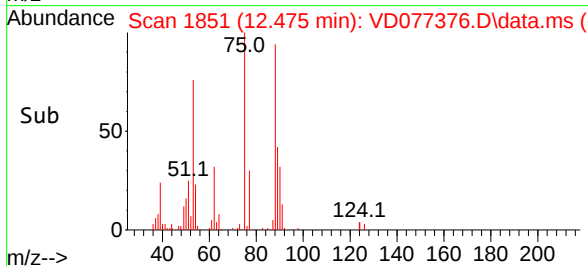
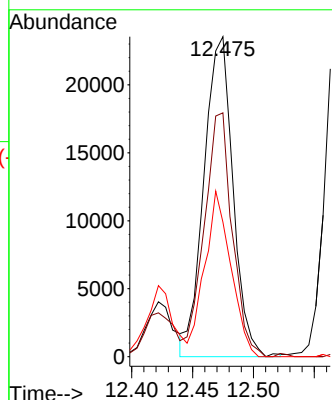
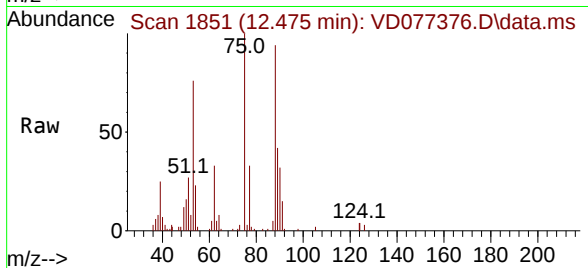




#81
trans-1,4-Dichloro-2-butene
Concen: 59.588 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

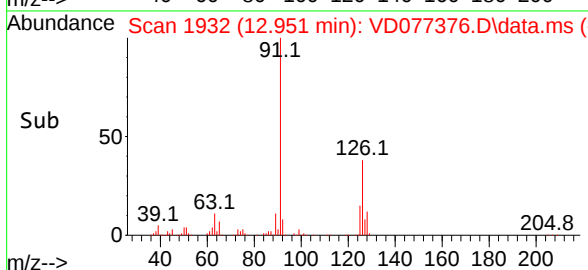
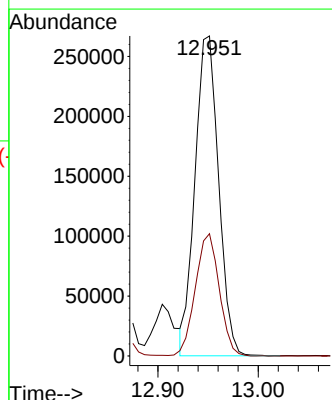
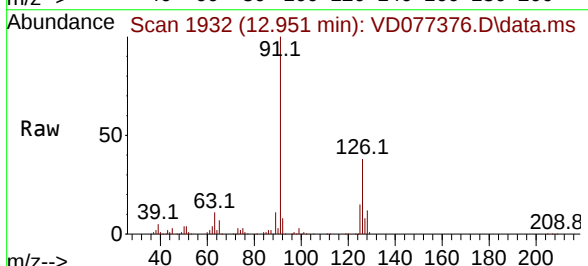
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

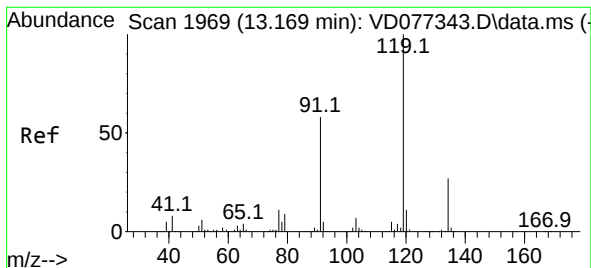
Tgt Ion: 75 Resp: 38990
Ion Ratio Lower Upper
75 100
53 73.9 63.0 94.4
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.208 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077376.D
Acq: 23 Oct 2023 10:25

Tgt Ion: 91 Resp: 437259
Ion Ratio Lower Upper
91 100
126 38.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.990 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

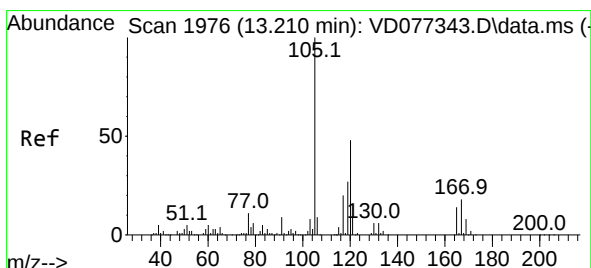
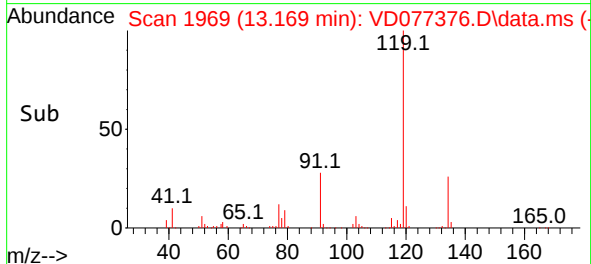
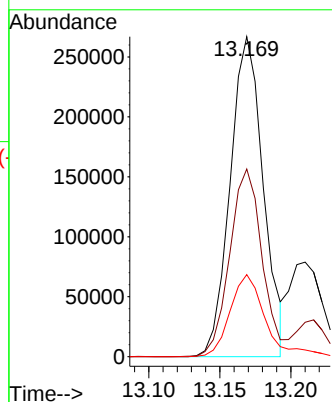
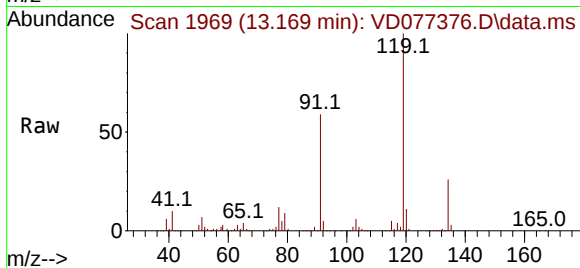
Tgt Ion:119 Resp: 432636

Ion Ratio Lower Upper

119 100

91 58.1 29.3 87.8

134 27.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.912 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077376.D

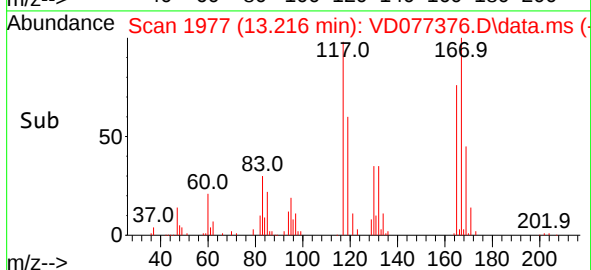
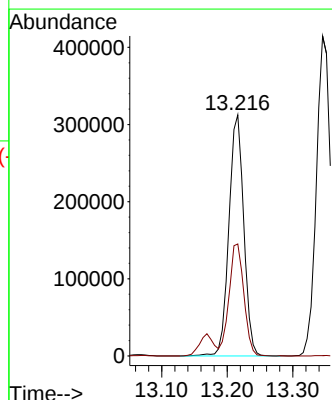
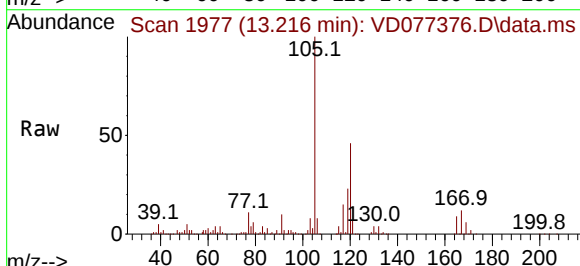
Acq: 23 Oct 2023 10:25

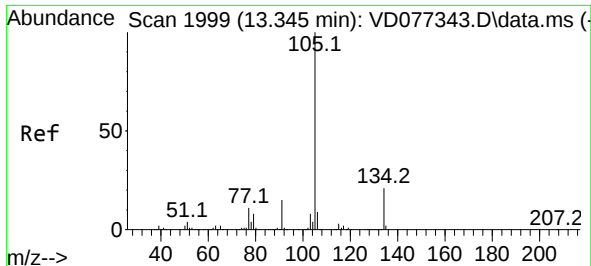
Tgt Ion:105 Resp: 490561

Ion Ratio Lower Upper

105 100

120 46.5 24.3 72.9

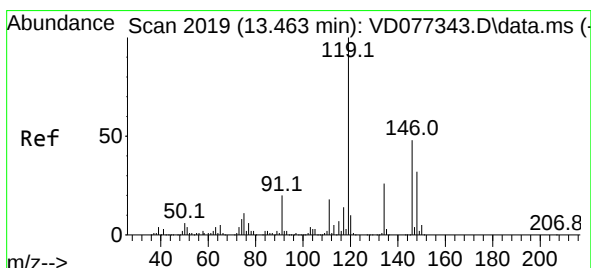
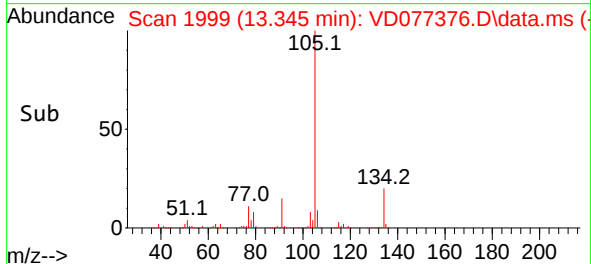
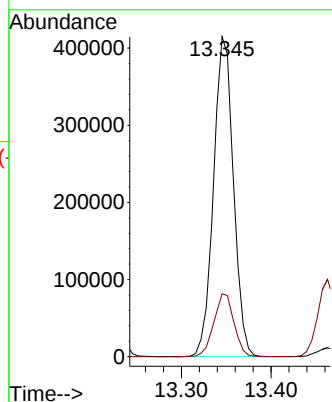
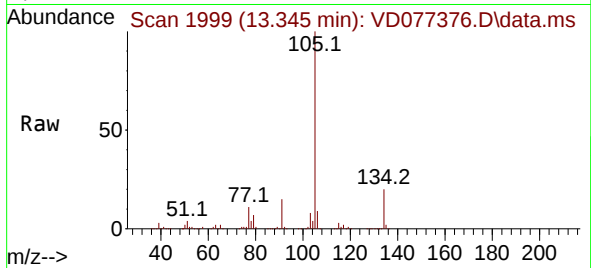




#85
 sec-Butylbenzene
 Concen: 49.984 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

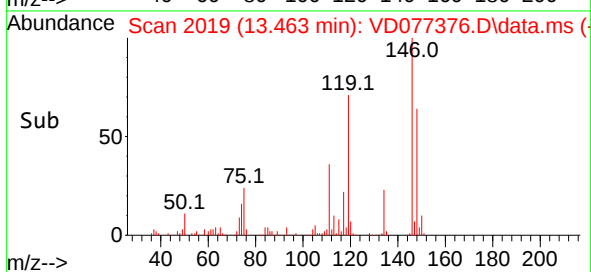
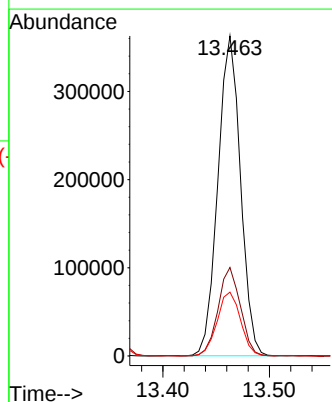
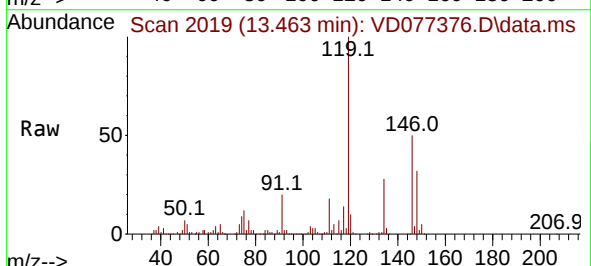
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

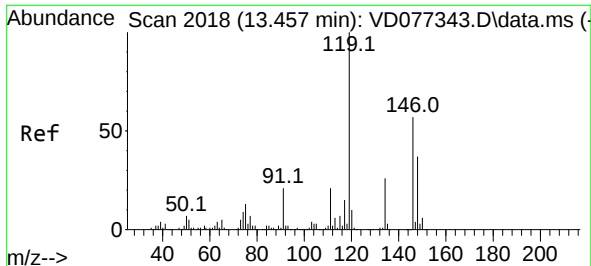
Tgt Ion:105 Resp: 638193
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 48.112 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

Tgt Ion:119 Resp: 533653
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.2 42.6
 91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 46.122 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

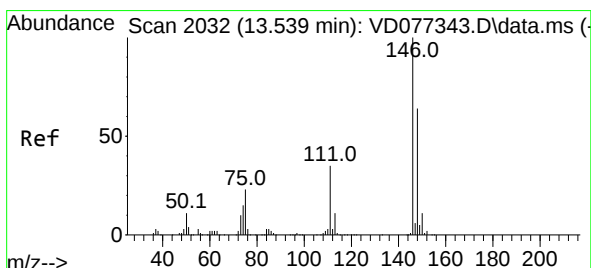
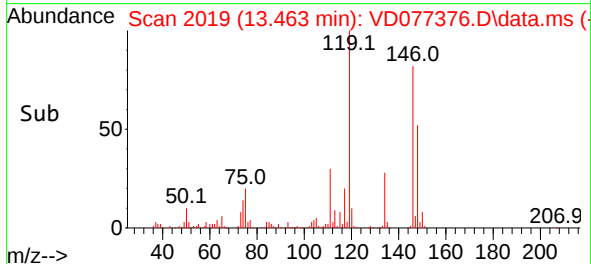
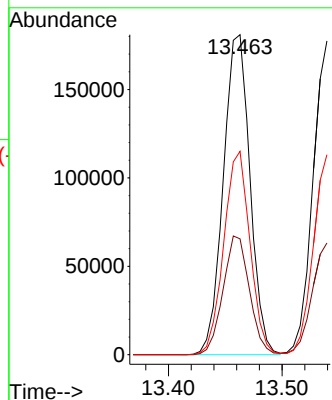
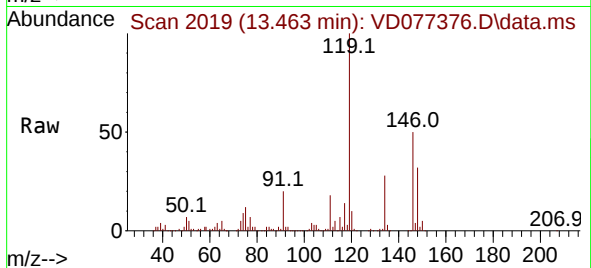
Tgt Ion:146 Resp: 295520

Ion Ratio Lower Upper

146 100

111 36.7 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 45.487 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

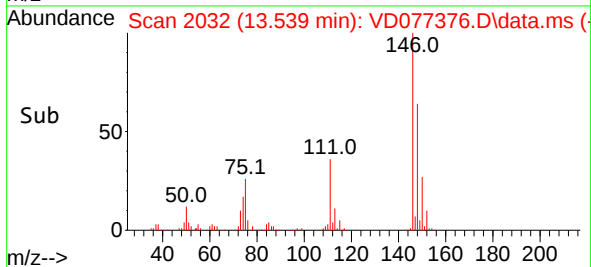
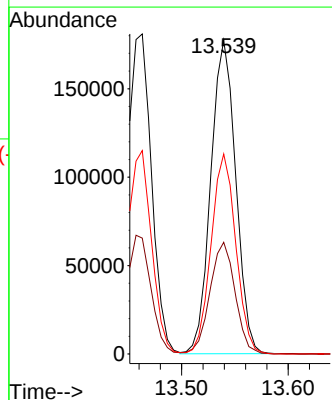
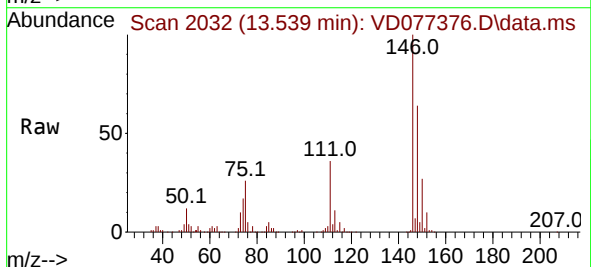
Tgt Ion:146 Resp: 288815

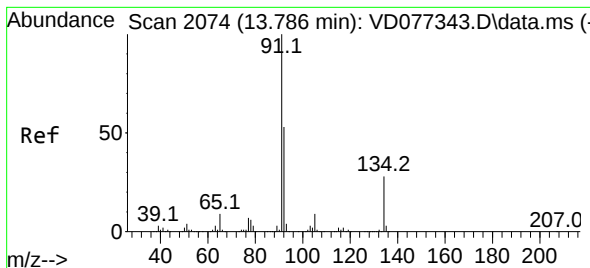
Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.3

148 63.0 31.7 95.1





#89

n-Butylbenzene

Concen: 50.169 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

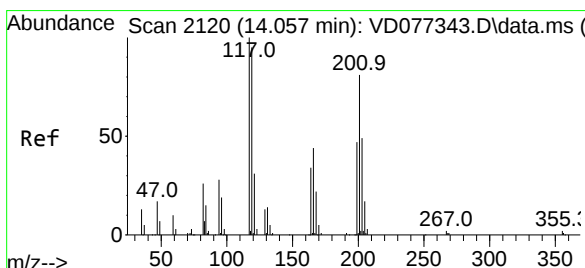
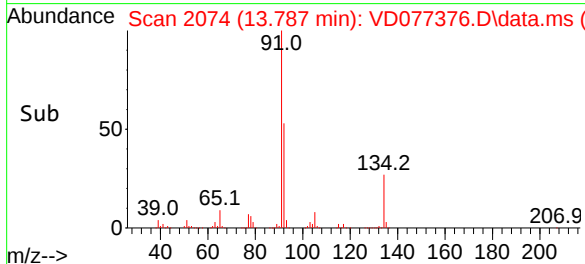
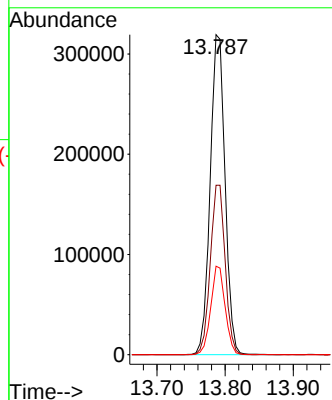
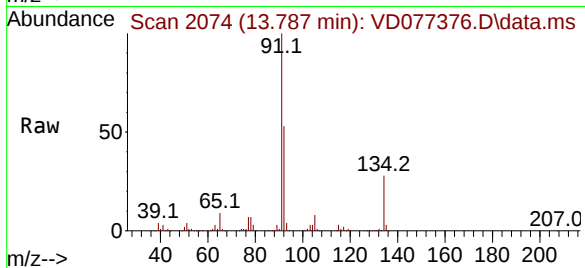
Tgt Ion: 91 Resp: 484556

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 26.7 13.8 41.3



#90

Hexachloroethane

Concen: 48.148 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD077376.D

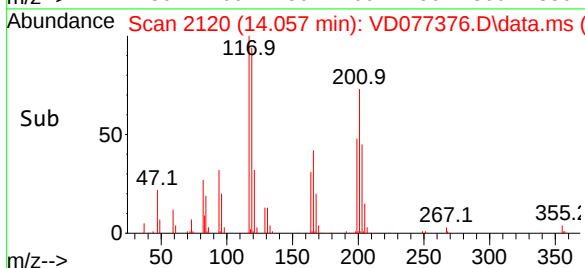
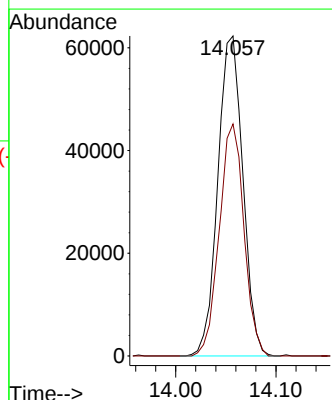
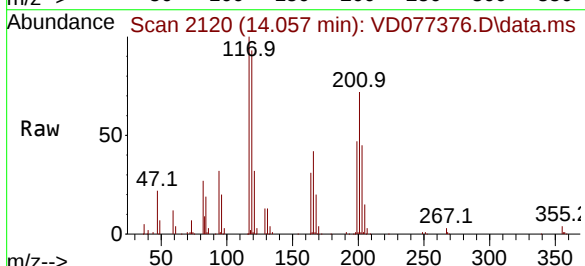
Acq: 23 Oct 2023 10:25

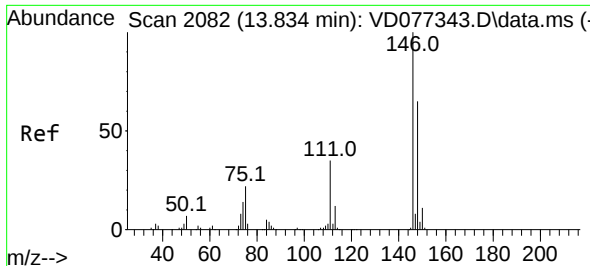
Tgt Ion: 117 Resp: 107954

Ion Ratio Lower Upper

117 100

201 71.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 46.800 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

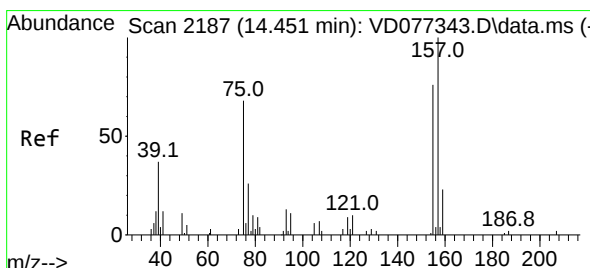
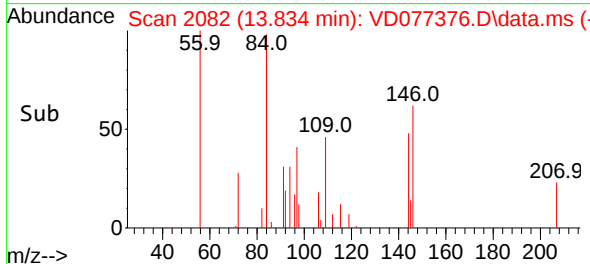
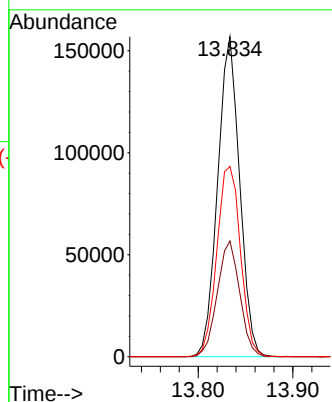
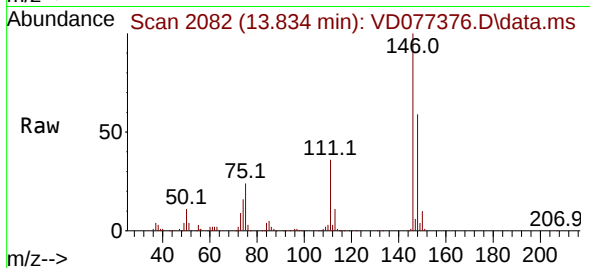
Tgt Ion:146 Resp: 253311

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.761 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

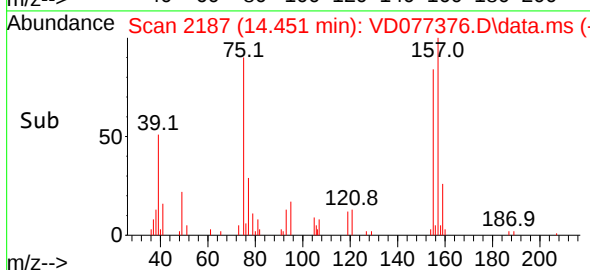
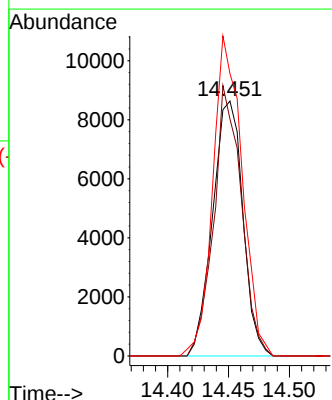
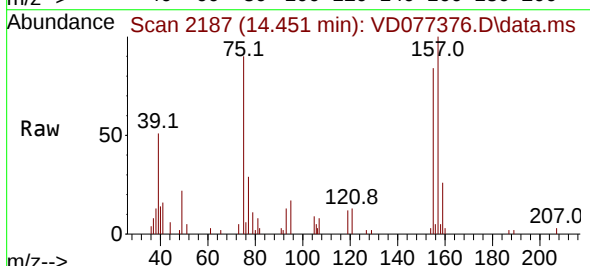
Tgt Ion: 75 Resp: 14899

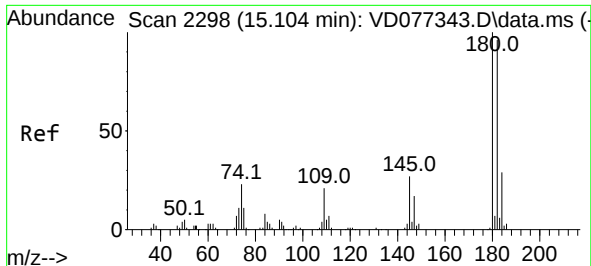
Ion Ratio Lower Upper

75 100

155 96.8 47.9 143.8

157 121.3 59.9 179.7

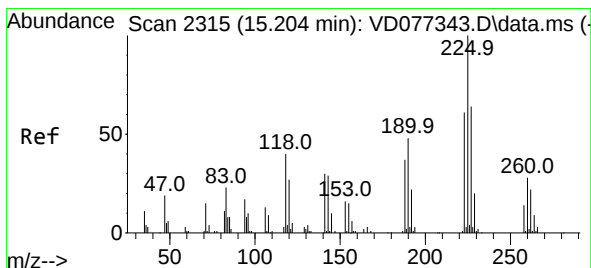
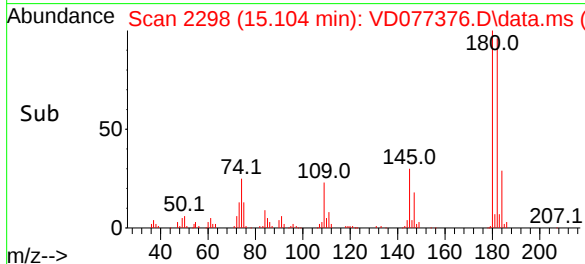
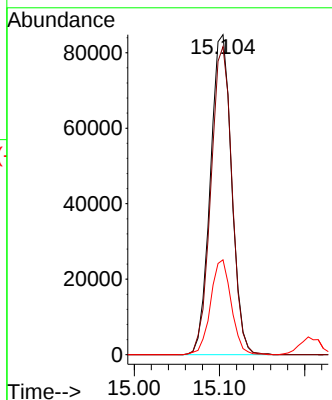
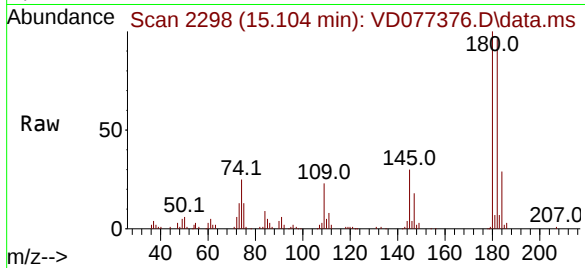




#93
 1,2,4-Trichlorobenzene
 Concen: 43.644 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

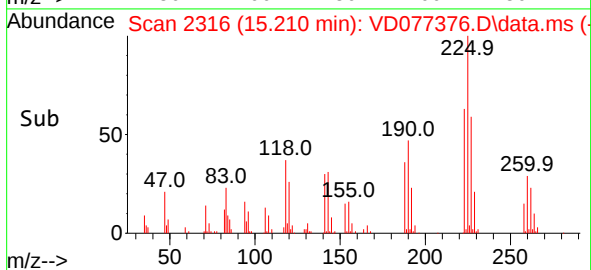
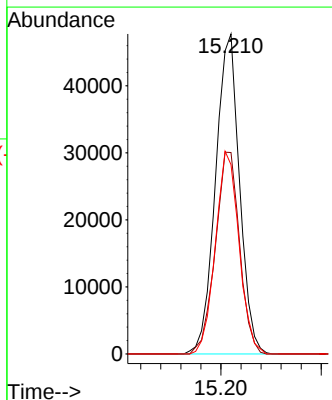
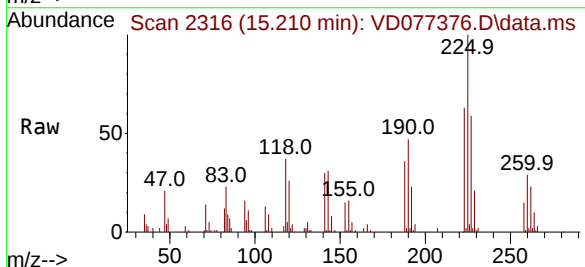
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

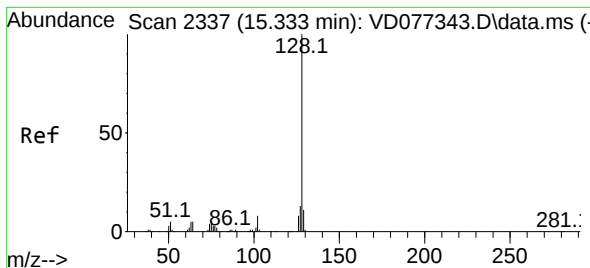
Tgt Ion:180 Resp: 147183
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.5 145.6
 145 28.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 41.319 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.006 min
 Lab File: VD077376.D
 Acq: 23 Oct 2023 10:25

Tgt Ion:225 Resp: 79137
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 94.8
 227 62.3 31.7 95.1





#95

Naphthalene

Concen: 48.312 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

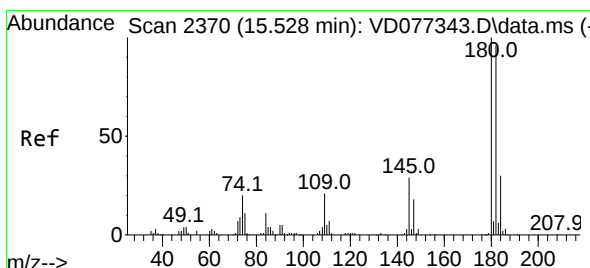
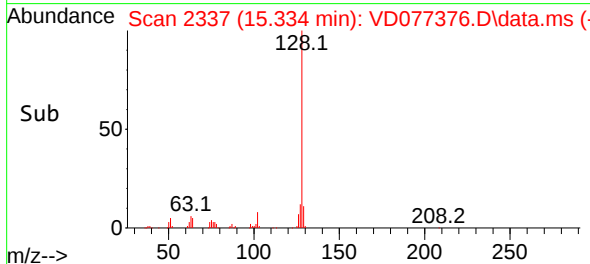
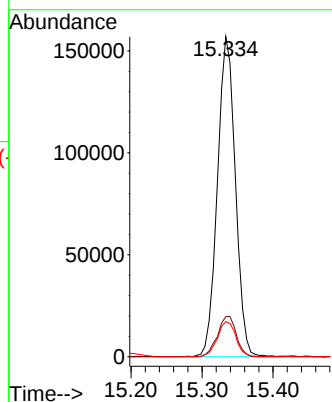
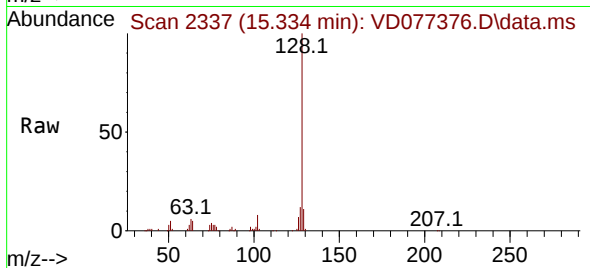
Tgt Ion:128 Resp: 275084

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.272 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077376.D

Acq: 23 Oct 2023 10:25

Tgt Ion:180 Resp: 129588

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 31.0 15.1 45.3

