

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032923\
 Data File : VD075530.D
 Acq On : 29 Mar 2023 12:41
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025114

Quant Time: Mar 29 23:29:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 24 01:27:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	275582	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254368	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	133917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	120616	17.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.520%
7) Chloroethane-d5	2.805	69	129847	21.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	3.922	63	131148	20.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	6.993	46	34719	54.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.500%
24) Chloroform-d	7.569	84	194881	26.984	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.920%
26) 1,2-Dichloroethane-d4	8.228	65	81222	25.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.205	84	353654	23.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.210	67	105924	24.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.269	98	329629	23.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.680%
43) trans-1,3-Dichloroprop...	10.528	79	46396	26.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.360%
47) 2-Hexanone-d5	10.881	63	34642	56.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105137	29.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.760%
66) 1,2-Dichlorobenzene-d4	13.822	152	127884	27.301	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	95637	22.557	ug/L	99
3) Chloromethane	2.152	50	123504	17.322	ug/L	99
5) Vinyl chloride	2.287	62	192902	21.513	ug/L	99
6) Bromomethane	2.699	94	128009	30.122	ug/L	98
8) Chloroethane	2.840	64	136486	24.205	ug/L	98
9) Trichlorofluoromethane	3.181	101	168646	25.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	120946	26.082	ug/L	95
12) 1,1-Dichloroethene	3.940	96	99175	24.288	ug/L	92
13) Acetone	4.022	43	34672	48.404	ug/L	98
14) Carbon disulfide	4.275	76	238169	20.860	ug/L	98
15) Methyl Acetate	4.558	43	28647	23.567	ug/L #	75
16) Methylene chloride	4.811	84	126191	21.681	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	107532	24.568	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	214817	26.409	ug/L	96
19) 1,1-Dichloroethane	6.111	63	177068	23.914	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	129036	26.097	ug/L	87
22) 2-Butanone	7.081	43	40121	44.140	ug/L	93
23) Bromochloromethane	7.428	128	58988	27.847	ug/L #	88
25) Chloroform	7.599	83	210013	26.012	ug/L	99

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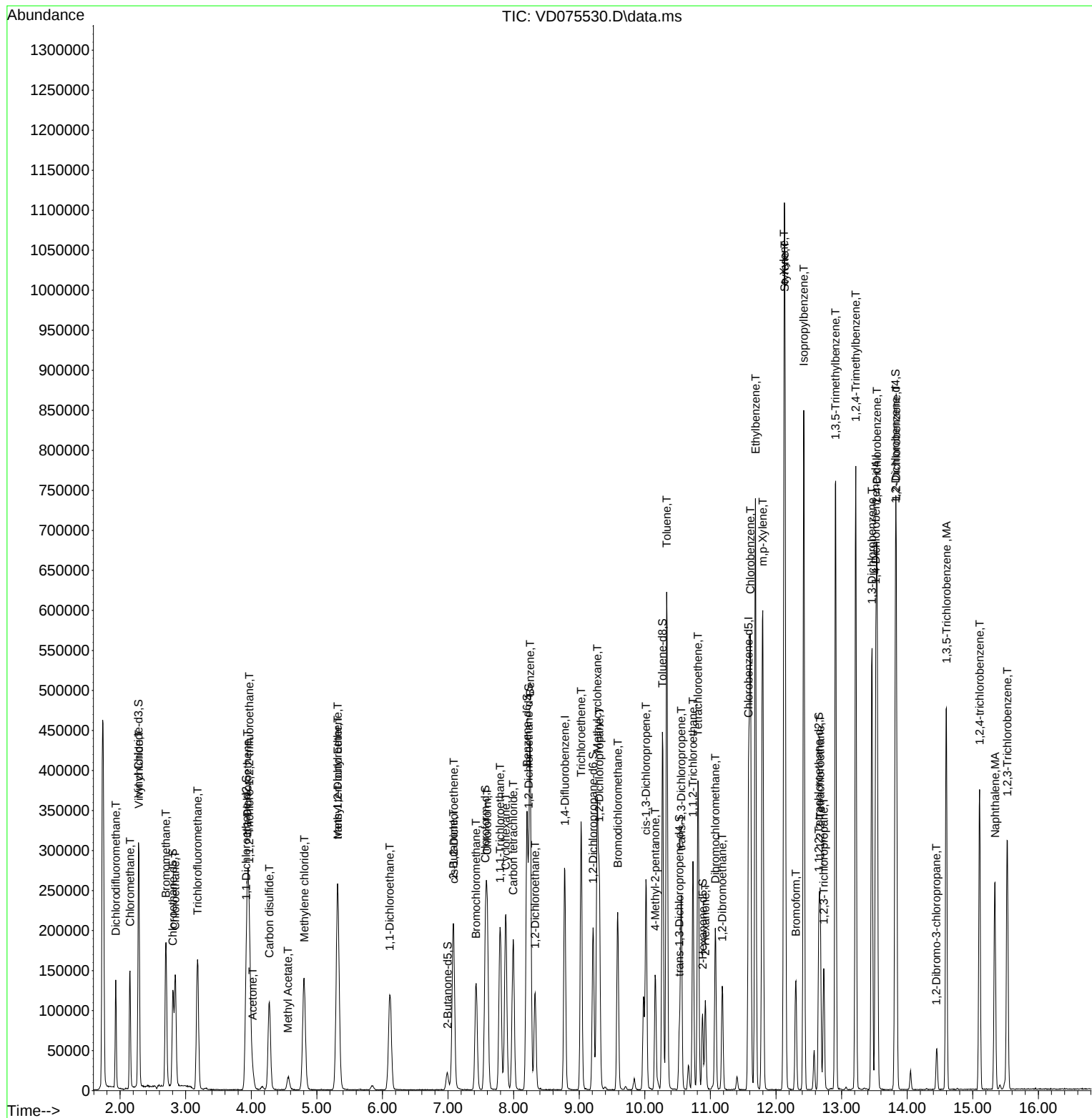
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	106960	24.567	ug/L #	93
29) Cyclohexane	7.881	56	114601	21.056	ug/L	92
30) 1,1,1-Trichloroethane	7.793	97	180686	26.418	ug/L	97
31) Carbon tetrachloride	7.993	117	148211	27.283	ug/L	100
33) Benzene	8.252	78	447264	24.467	ug/L	100
34) Trichloroethene	9.028	95	118545	24.831	ug/L	95
35) Methylcyclohexane	9.275	83	171272	22.980	ug/L	95
37) 1,2-Dichloropropane	9.304	63	106926	23.803	ug/L	97
38) Bromodichloromethane	9.587	83	155083	26.098	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	170332	24.777	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	84535	49.072	ug/L	98
42) Toluene	10.334	91	513760	25.671	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	143072	25.260	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	97638	27.213	ug/L	96
46) Tetrachloroethene	10.810	164	94429	25.813	ug/L	98
48) 2-Hexanone	10.922	43	60627	47.833	ug/L #	93
49) Dibromochloromethane	11.075	129	112964	28.823	ug/L	99
50) 1,2-Dibromoethane	11.181	107	88836	27.392	ug/L	99
51) Chlorobenzene	11.610	112	336415	25.862	ug/L	98
52) Ethylbenzene	11.687	91	551442	25.910	ug/L	99
53) m,p-Xylene	11.798	106	220793	26.331	ug/L	94
54) o-Xylene	12.122	106	210240	26.505	ug/L	99
55) Styrene	12.134	104	380168	26.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	106173	27.038	ug/L	97
59) Bromoform	12.304	173	66324	27.447	ug/L	98
60) Isopropylbenzene	12.422	105	572792	25.432	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	65736	24.488	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	431281	25.508	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	425148	25.717	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	253415	25.435	ug/L	94
65) 1,4-Dichlorobenzene	13.540	146	261967	25.561	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	231557	26.084	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13134	25.194	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	158941	25.439	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	127211	25.323	ug/L	99
71) Naphthalene	15.339	128	246986	24.789	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	116872	26.394	ug/L	98

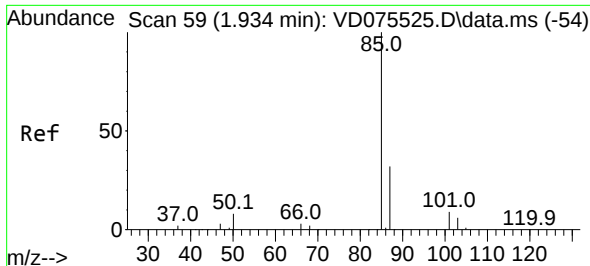
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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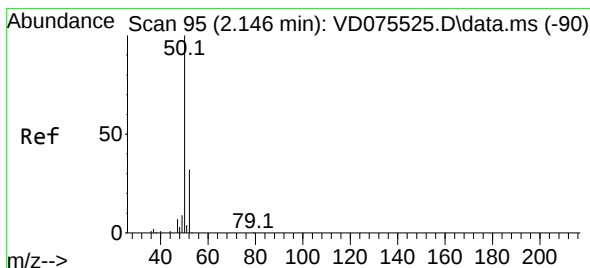
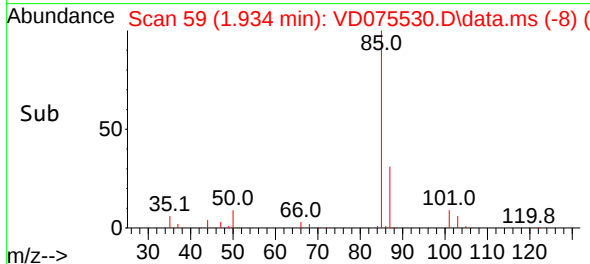
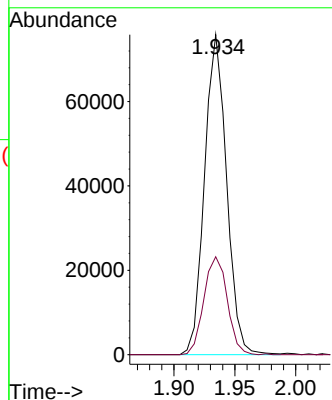
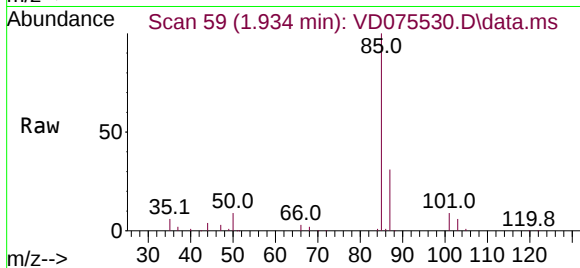




#2
 Dichlorodifluoromethane
 Concen: 22.557 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

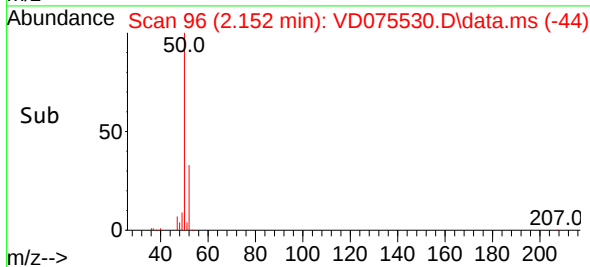
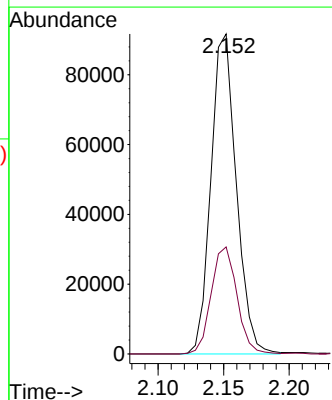
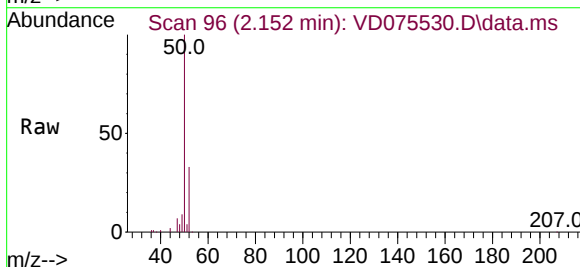
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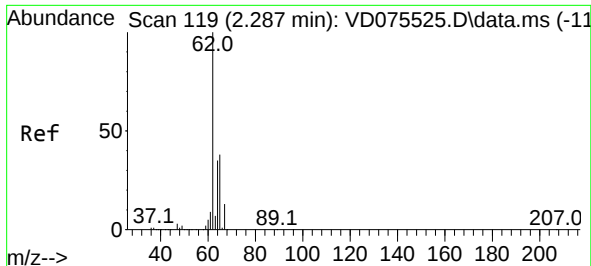
Tgt Ion: 85 Resp: 95637
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.4 39.6



#3
 Chloromethane
 Concen: 17.322 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

Tgt Ion: 50 Resp: 123504
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

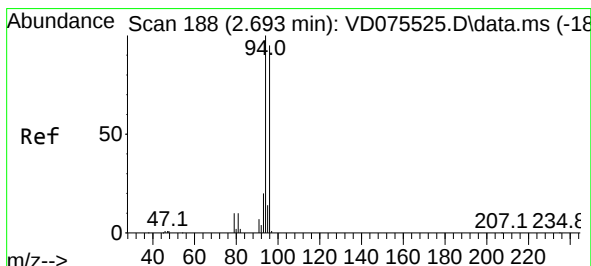
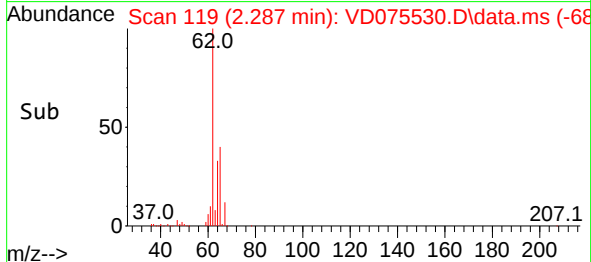
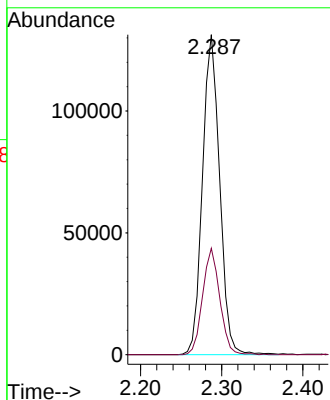
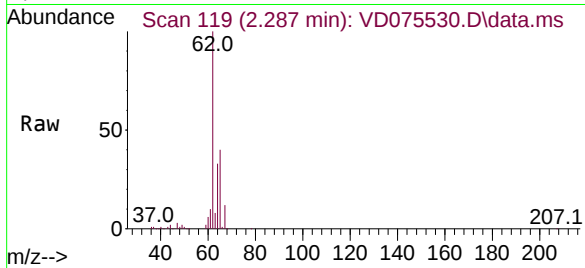




#5
 Vinyl chloride
 Concen: 21.513 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

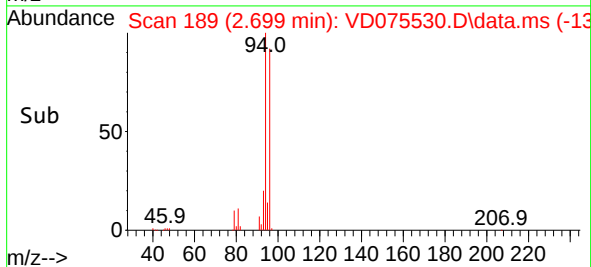
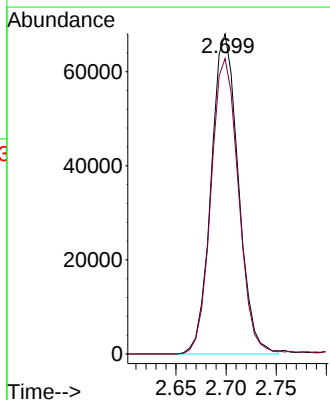
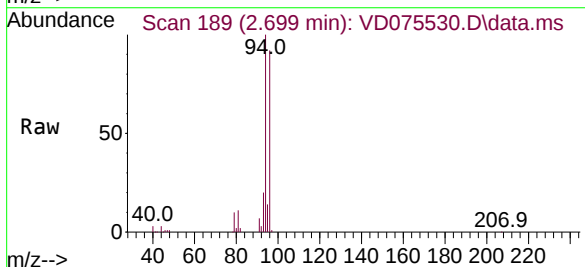
Instrument :
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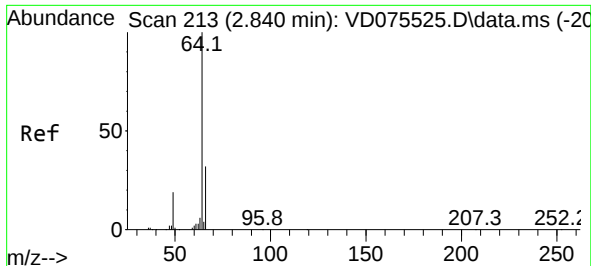
Tgt Ion: 62 Resp: 192902
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 30.122 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

Tgt Ion: 94 Resp: 128009
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.9 122.5

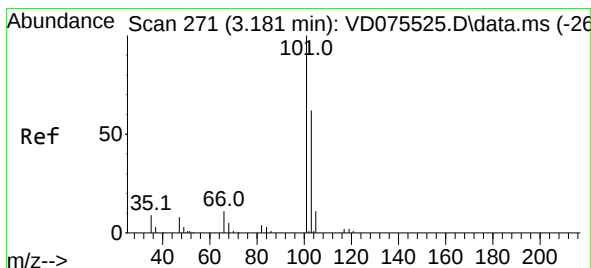
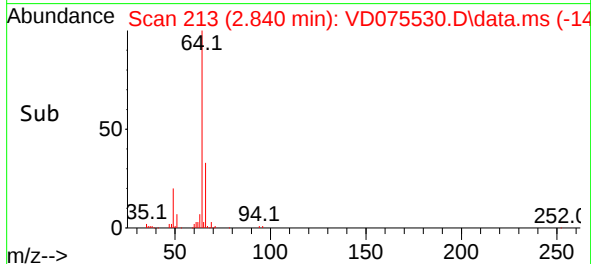
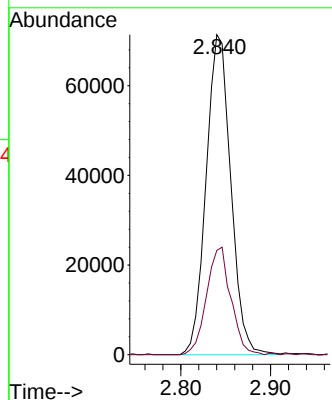
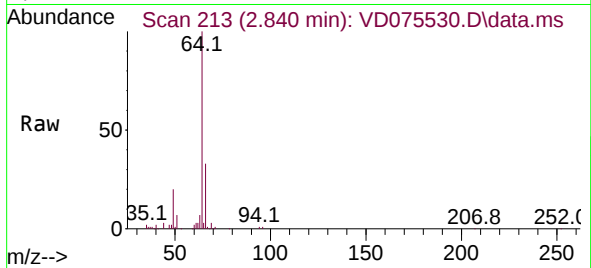




#8
Chloroethane
Concen: 24.205 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

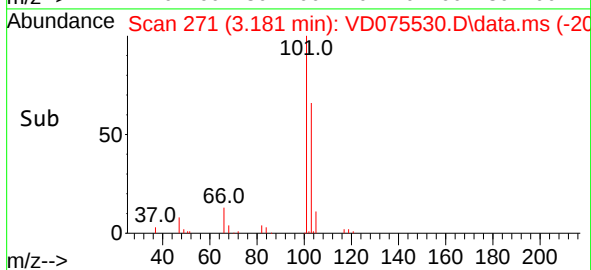
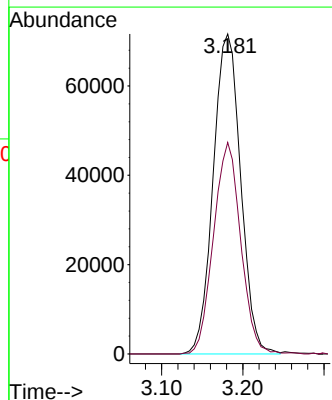
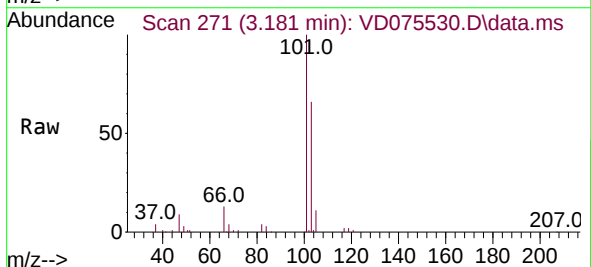
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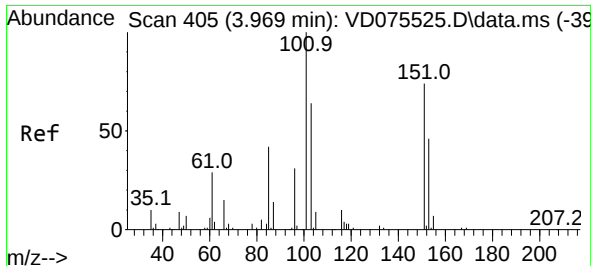
Tgt Ion: 64 Resp: 136486
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.124 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion:101 Resp: 168646
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

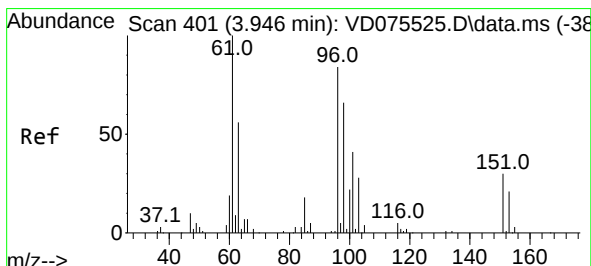
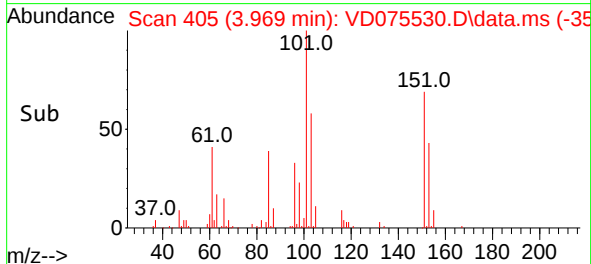
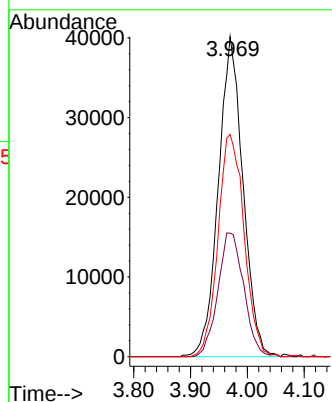
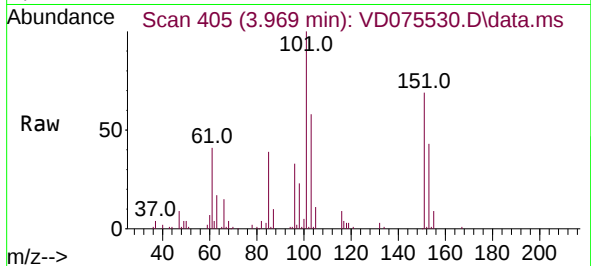




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.082 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

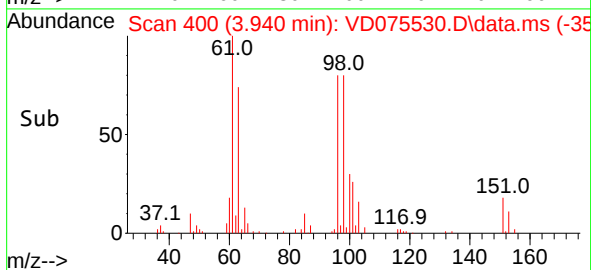
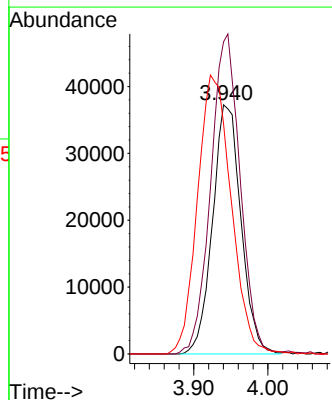
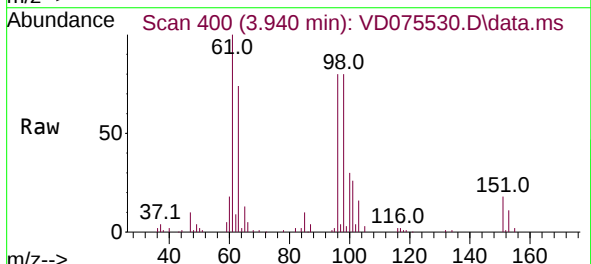
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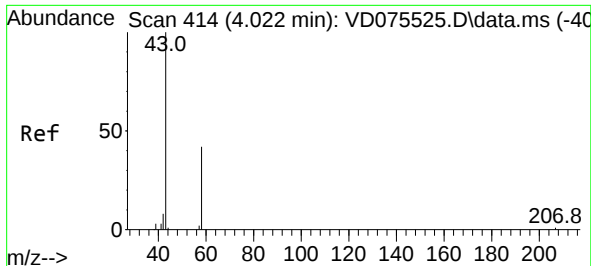
Tgt Ion: 101 Resp: 120946
 Ion Ratio Lower Upper
 101 100
 85 40.6 34.0 51.0
 151 73.3 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.288 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

Tgt Ion: 96 Resp: 99175
 Ion Ratio Lower Upper
 96 100
 61 125.3 97.5 181.1
 63 92.4 62.4 116.0

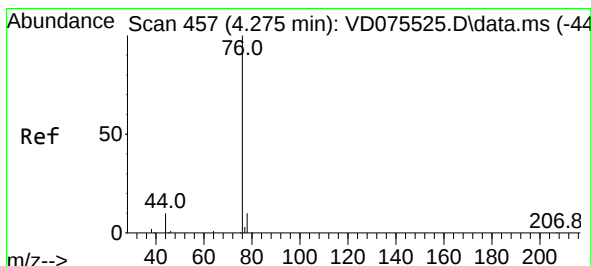
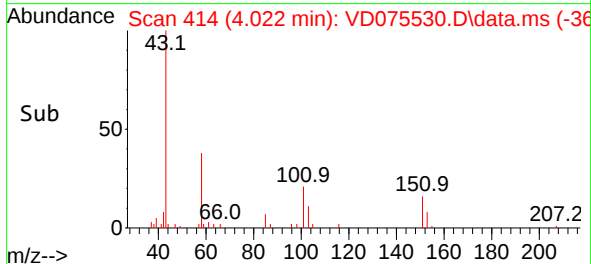
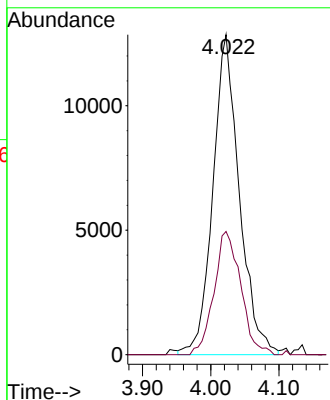
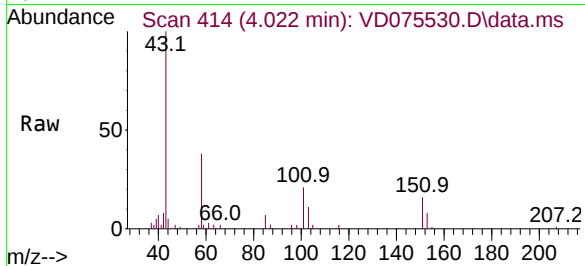




#13
Acetone
Concen: 48.404 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
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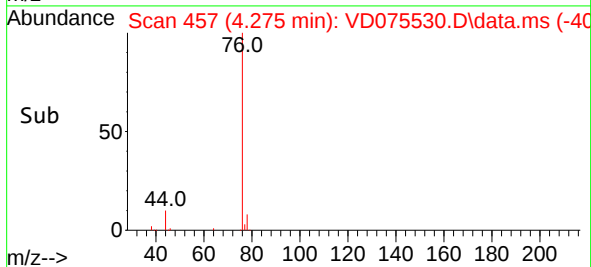
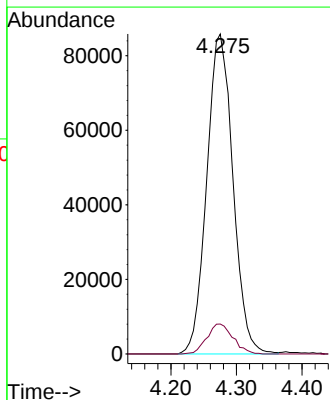
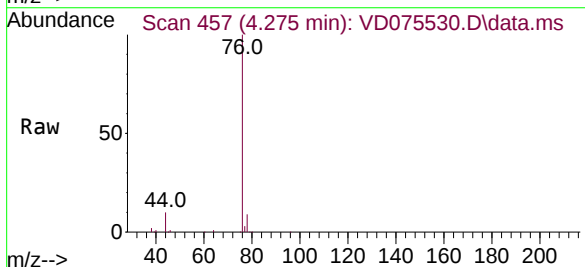
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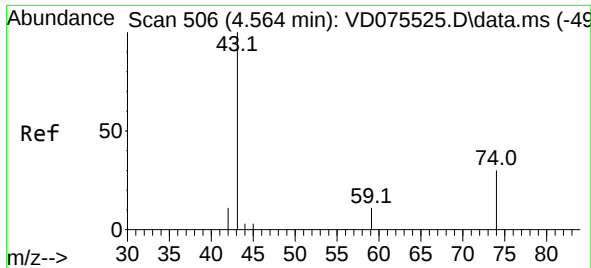
Tgt Ion: 43 Resp: 34672
Ion Ratio Lower Upper
43 100
58 39.0 0.0 75.4



#14
Carbon disulfide
Concen: 20.860 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 238169
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

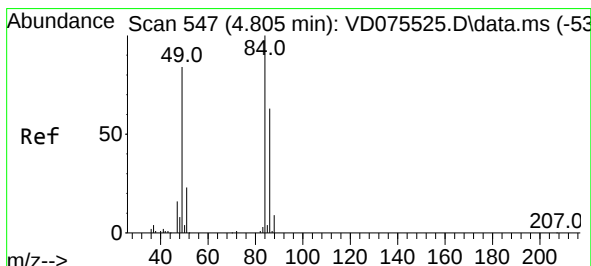
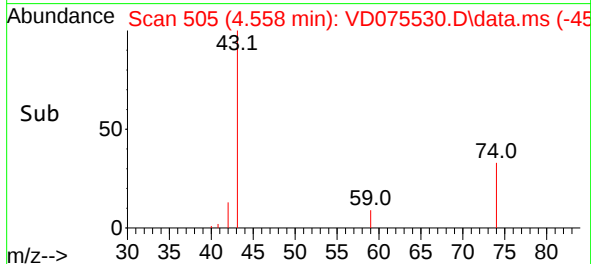
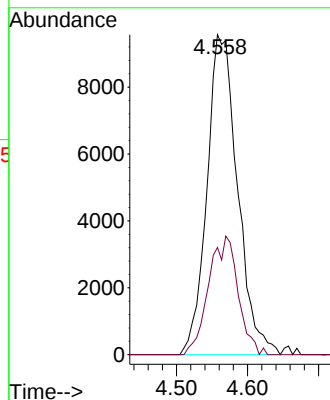
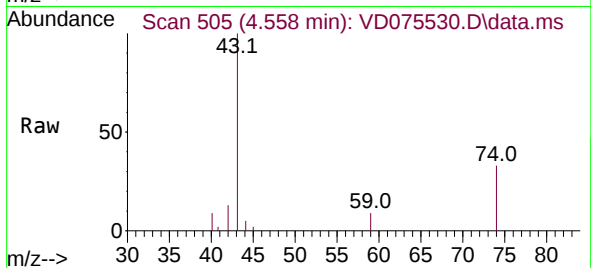




#15
Methyl Acetate
Concen: 23.567 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

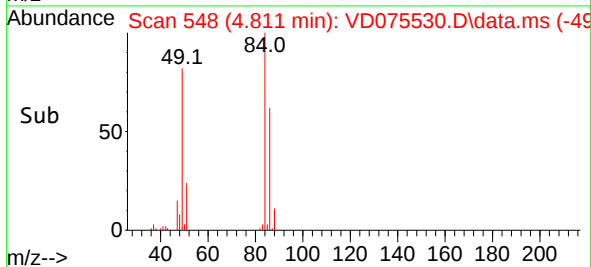
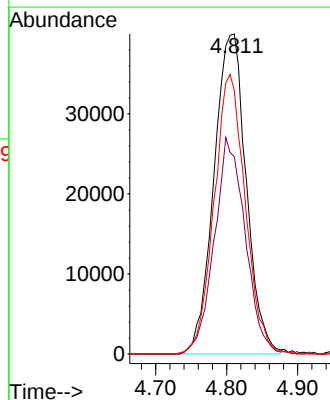
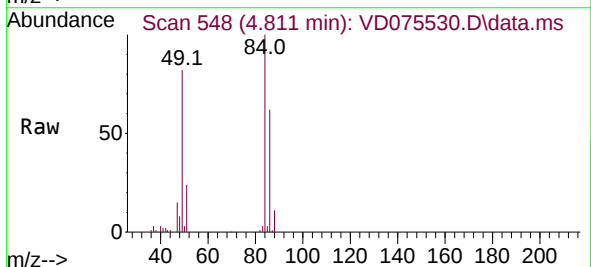
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

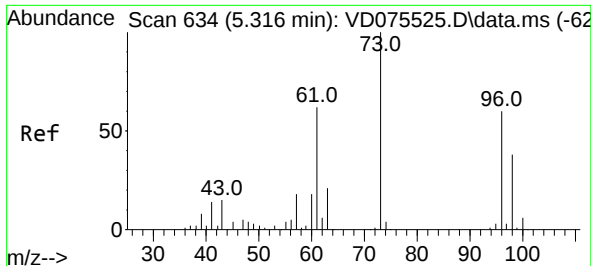
Tgt Ion: 43 Resp: 28647
Ion Ratio Lower Upper
43 100
74 18.1 25.7 38.5#



#16
Methylene chloride
Concen: 21.681 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 84 Resp: 126191
Ion Ratio Lower Upper
84 100
86 61.6 44.2 82.2
49 82.3 63.6 118.2





#17

trans-1,2-Dichloroethene

Concen: 24.568 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

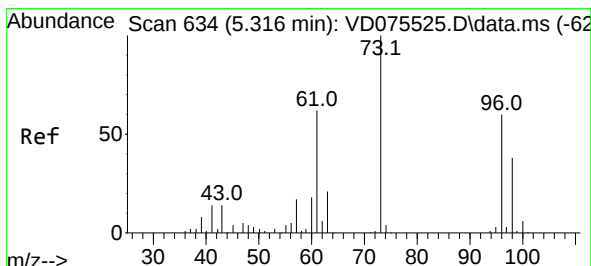
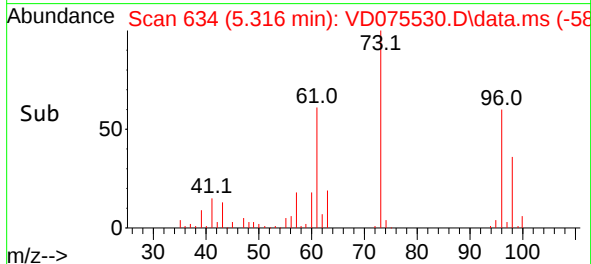
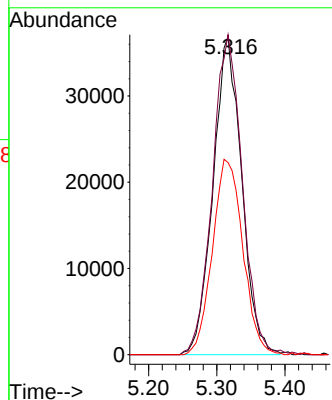
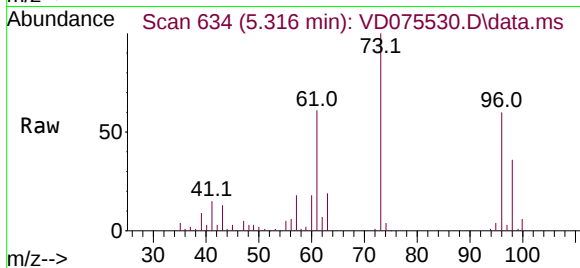
Tgt Ion: 96 Resp: 107532

Ion Ratio Lower Upper

96 100

61 100.6 77.8 144.6

98 60.4 47.0 87.4



#18

Methyl tert-butyl Ether

Concen: 26.409 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

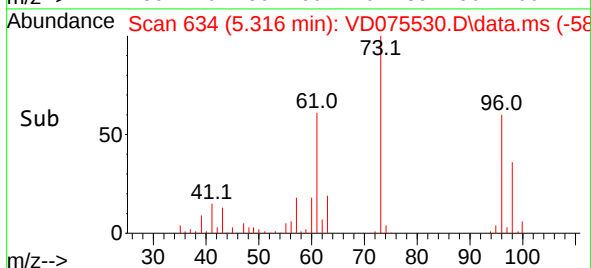
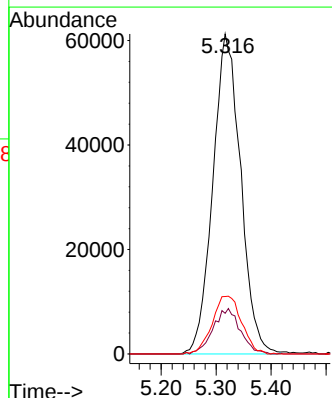
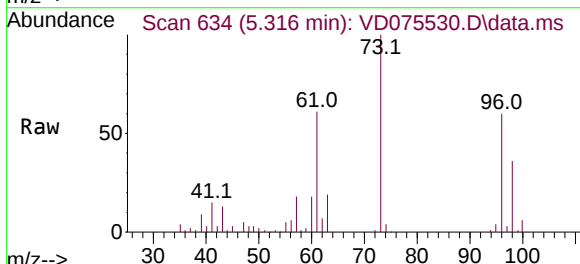
Tgt Ion: 73 Resp: 214817

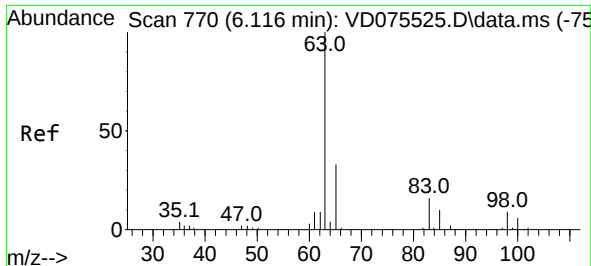
Ion Ratio Lower Upper

73 100

43 13.8 12.1 18.1

57 19.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 23.914 ug/L

RT: 6.111 min Scan# 770

Delta R.T. -0.006 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

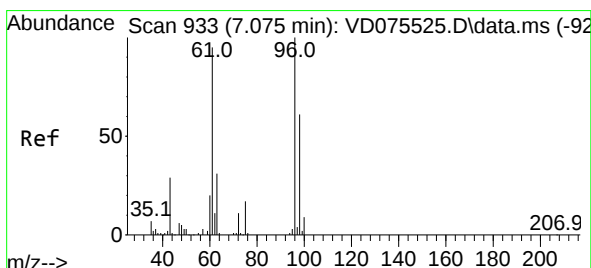
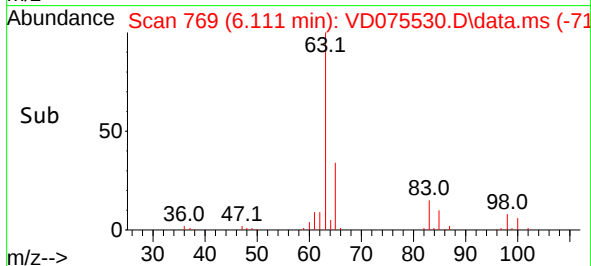
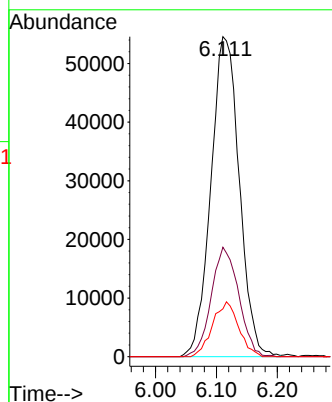
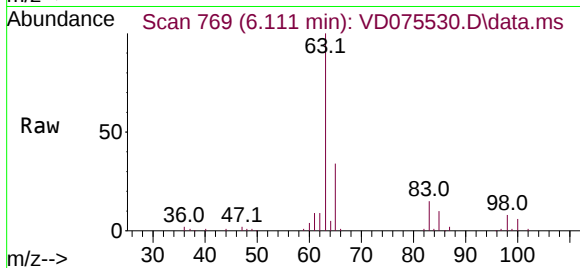
Tgt Ion: 63 Resp: 177068

Ion Ratio Lower Upper

63 100

65 34.2 21.1 39.3

83 15.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 26.097 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

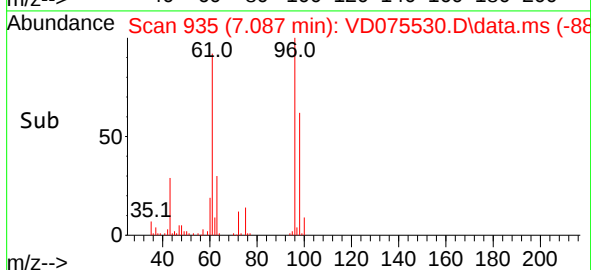
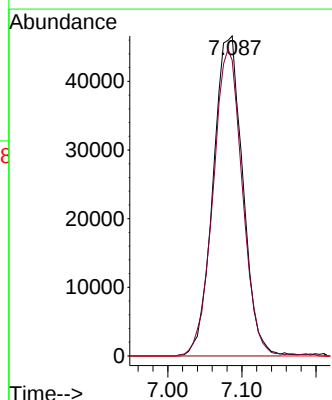
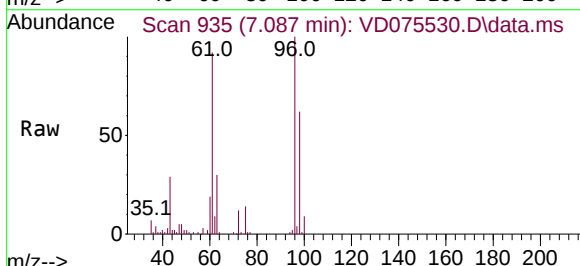
Tgt Ion: 96 Resp: 129036

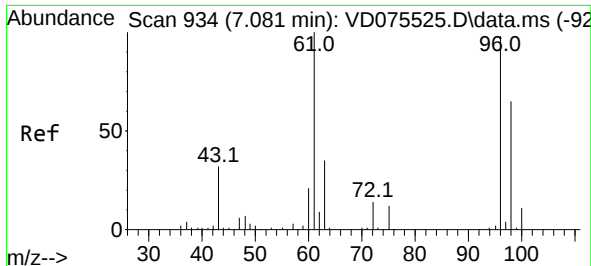
Ion Ratio Lower Upper

96 100

61 92.4 73.9 137.3

68 0.0 0.0 0.0

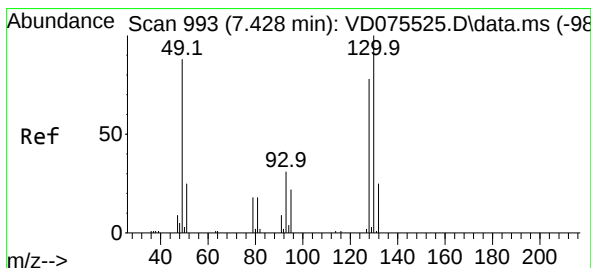
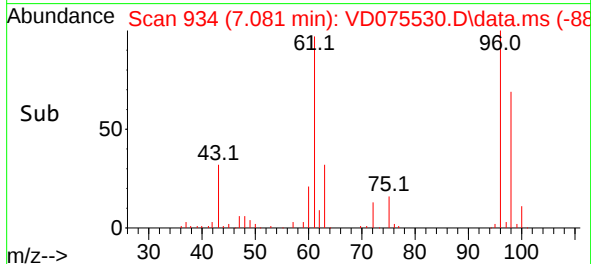
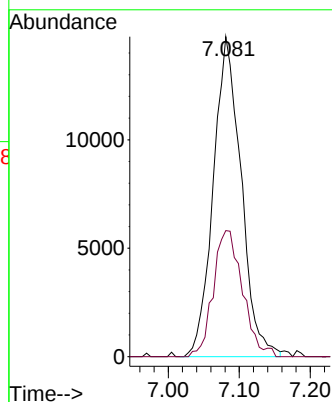
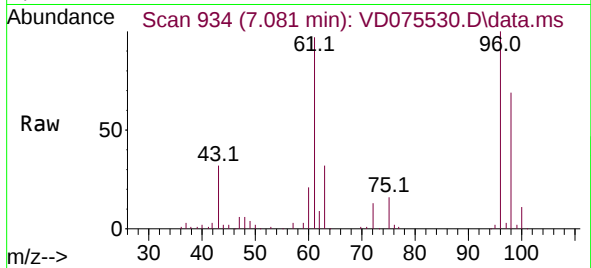




#22
2-Butanone
Concen: 44.140 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

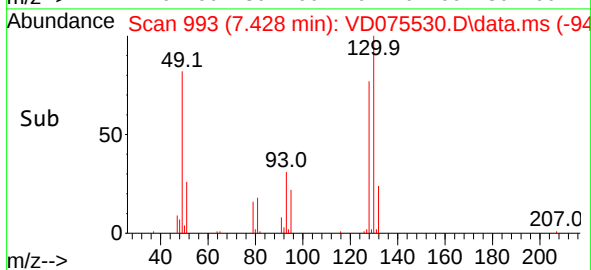
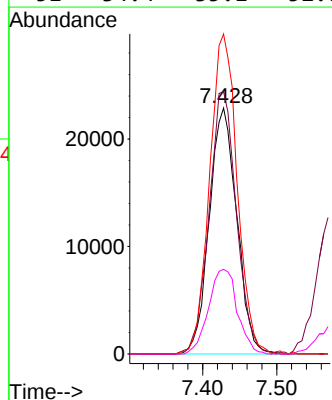
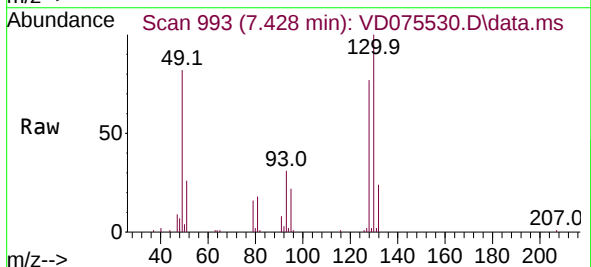
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

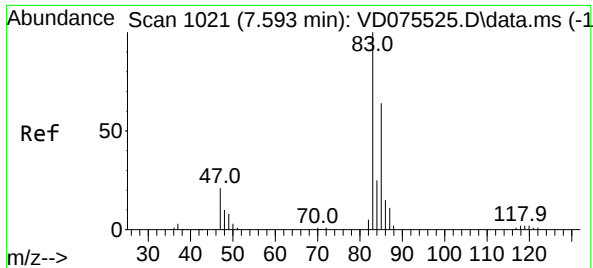
Tgt Ion: 43 Resp: 40121
Ion Ratio Lower Upper
43 100
72 40.7 18.3 54.9



#23
Bromochloromethane
Concen: 27.847 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 128 Resp: 58988
Ion Ratio Lower Upper
128 100
49 106.7 84.2 156.4
130 130.1 82.5 153.1
51 34.4 35.1 52.7#





#25

Chloroform

Concen: 26.012 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

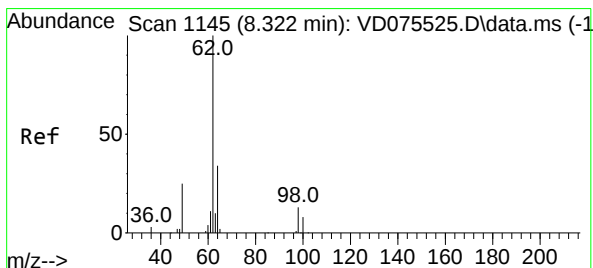
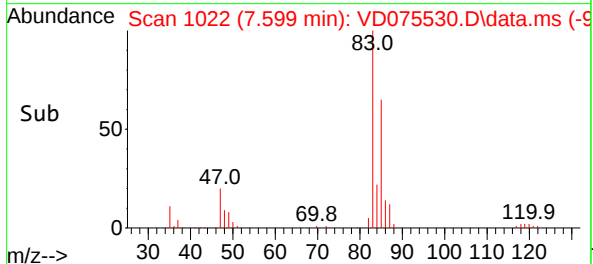
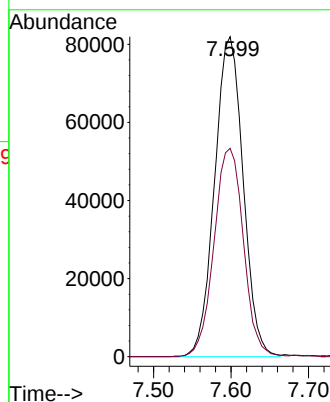
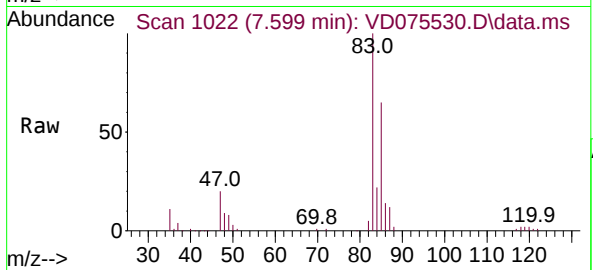
VSTD025114

Tgt Ion: 83 Resp: 210013

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 24.567 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075530.D

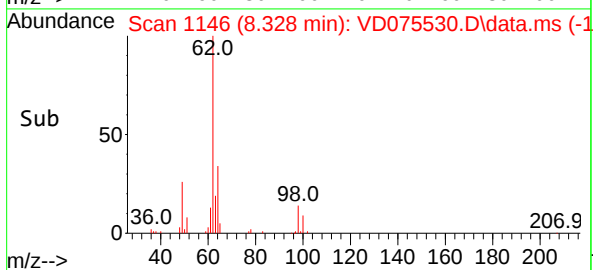
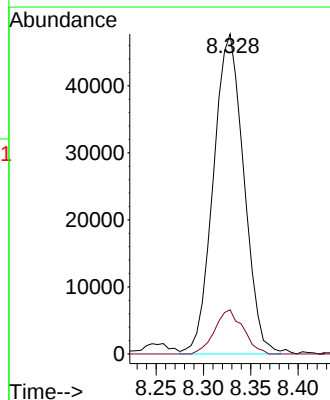
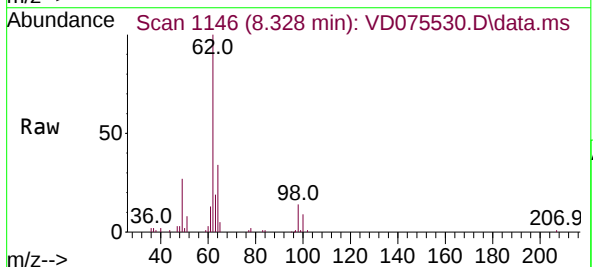
Acq: 29 Mar 2023 12:41

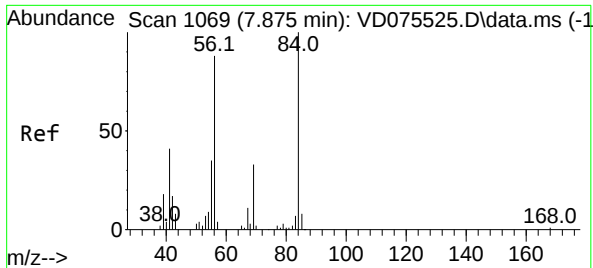
Tgt Ion: 62 Resp: 106960

Ion Ratio Lower Upper

62 100

98 13.8 8.8 13.2#





#29

Cyclohexane

Concen: 21.056 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

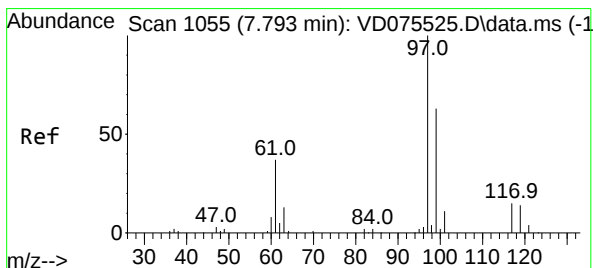
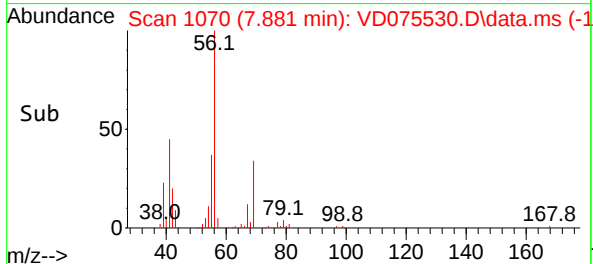
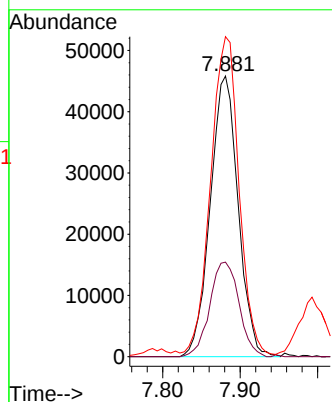
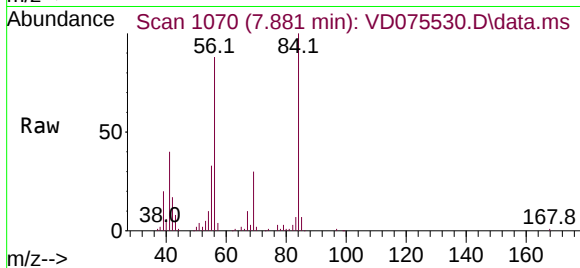
Tgt Ion: 56 Resp: 114601

Ion Ratio Lower Upper

56 100

69 35.2 27.0 40.6

84 116.5 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 26.418 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

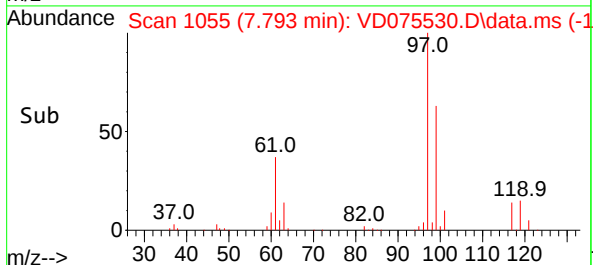
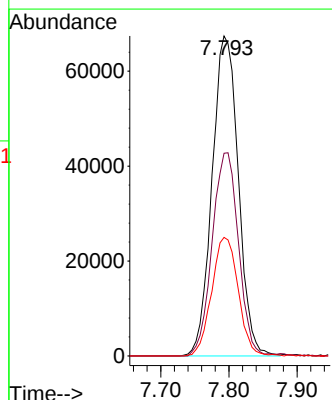
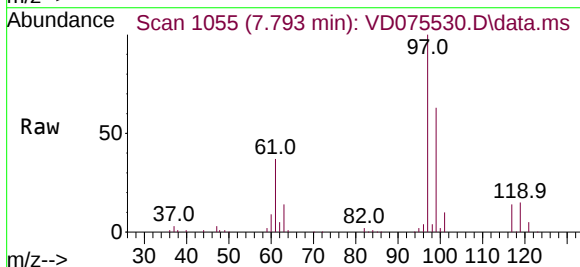
Tgt Ion: 97 Resp: 180686

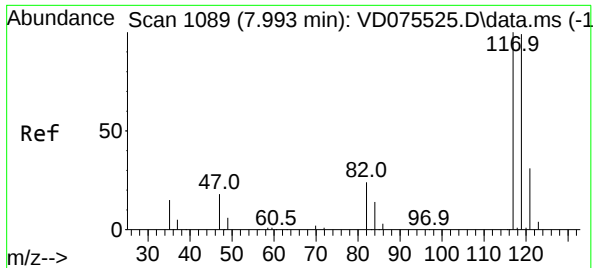
Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 37.4 34.0 51.0

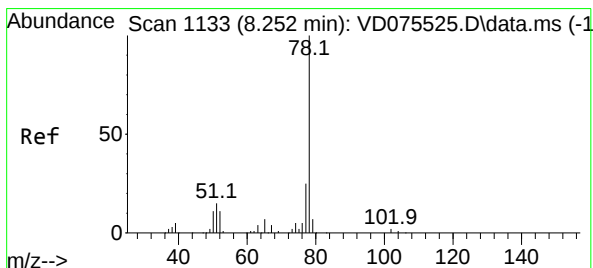
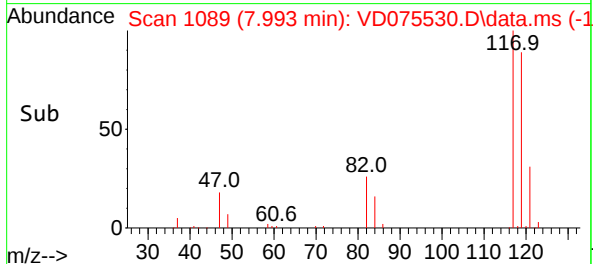
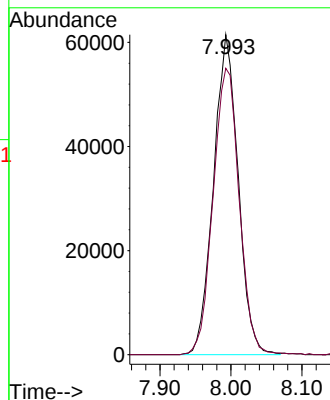
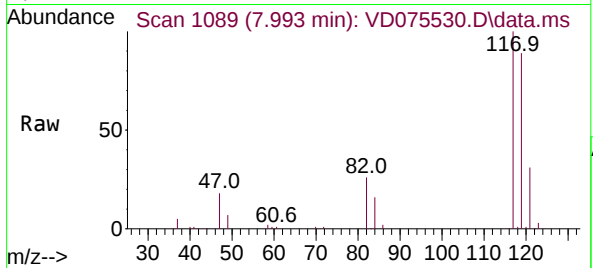




#31
Carbon tetrachloride
Concen: 27.283 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

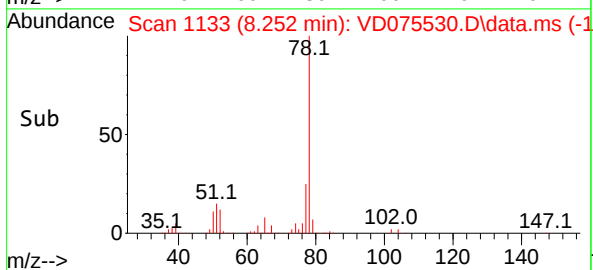
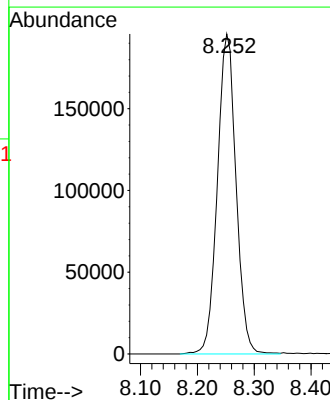
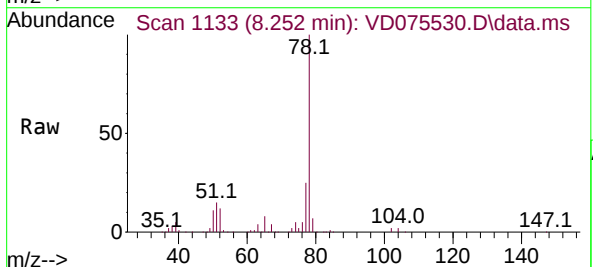
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

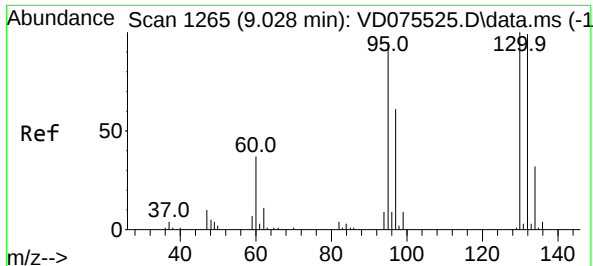
Tgt Ion:117 Resp: 148211
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2



#33
Benzene
Concen: 24.467 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 78 Resp: 447264

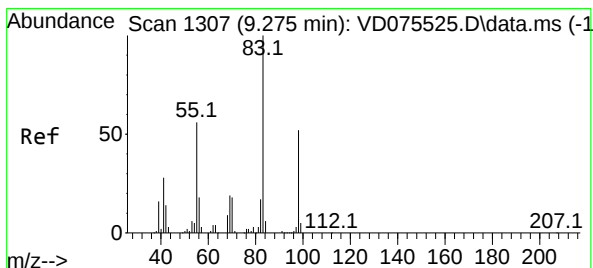
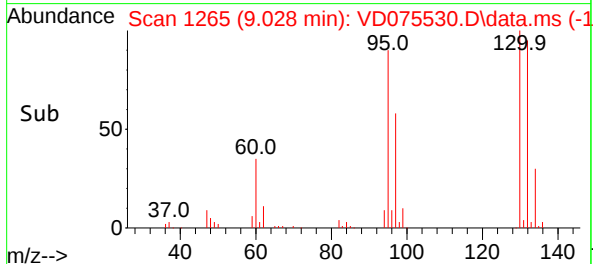
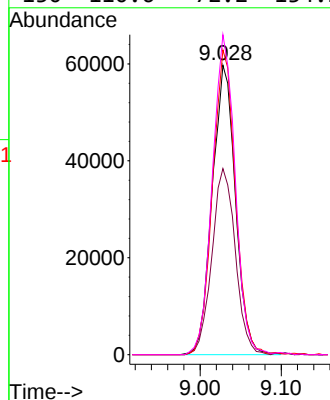
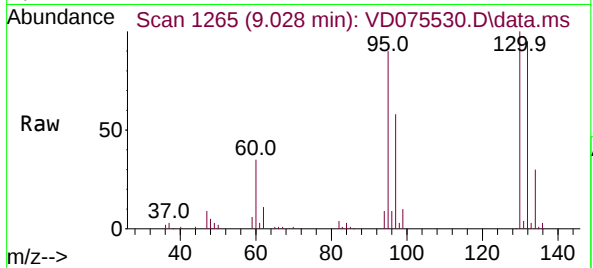




#34
Trichloroethene
Concen: 24.831 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

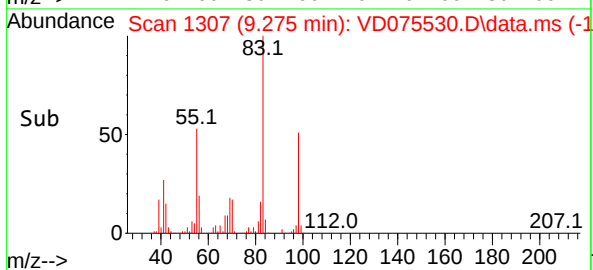
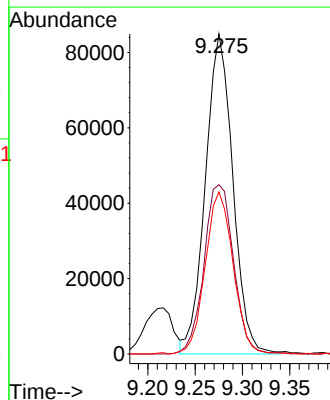
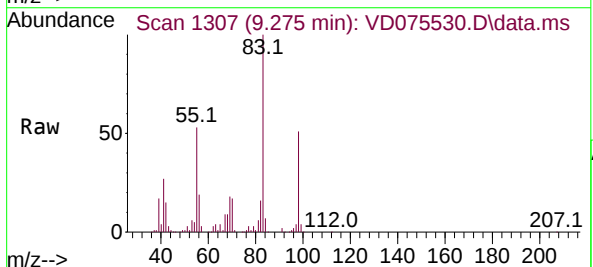
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

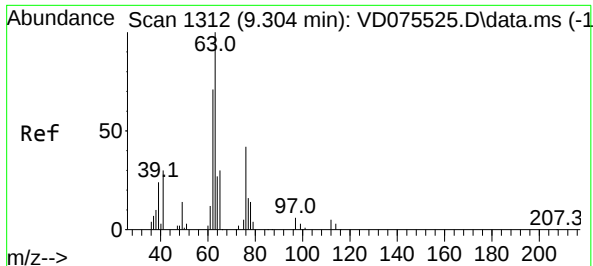
Tgt Ion: 95 Resp: 118545
Ion Ratio Lower Upper
95 100
97 64.3 44.7 83.1
132 105.3 70.0 130.0
130 110.6 72.2 134.2



#35
Methylcyclohexane
Concen: 22.980 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 83 Resp: 171272
Ion Ratio Lower Upper
83 100
55 56.7 49.3 73.9
98 51.6 39.8 59.6





#37

1,2-Dichloropropane

Concen: 23.803 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

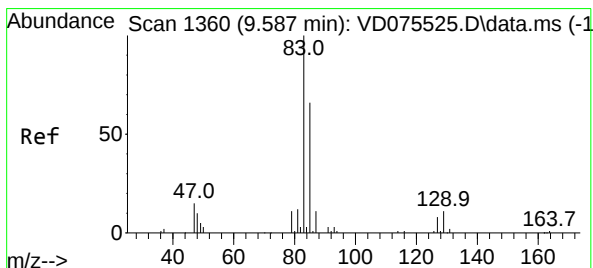
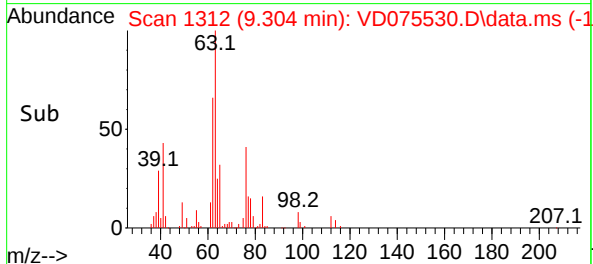
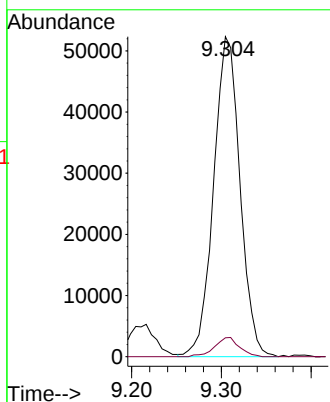
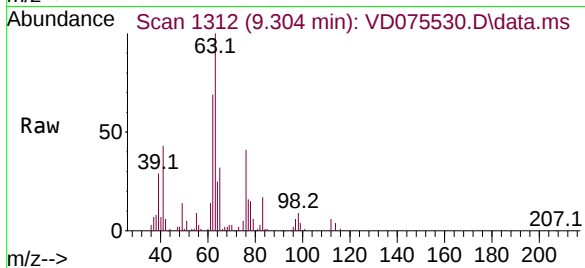
VSTD025114

Tgt Ion: 63 Resp: 106926

Ion Ratio Lower Upper

63 100

112 5.6 3.8 5.6



#38

Bromodichloromethane

Concen: 26.098 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

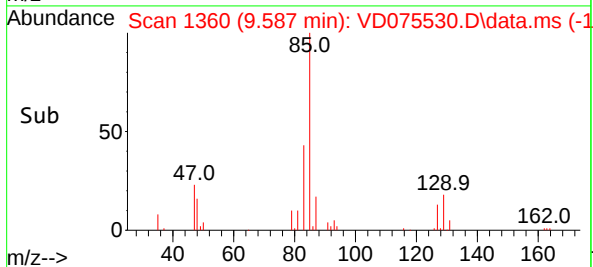
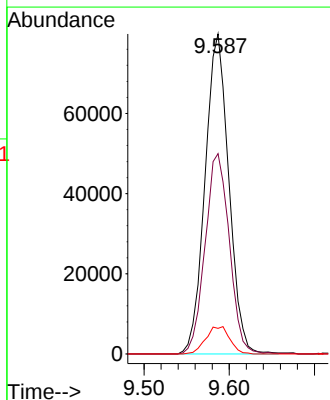
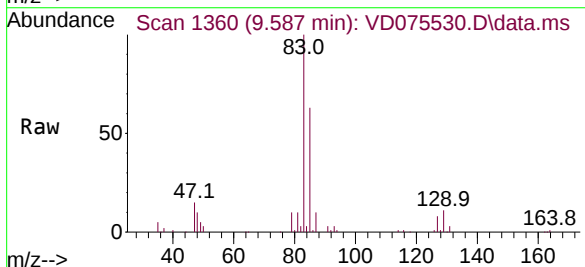
Tgt Ion: 83 Resp: 155083

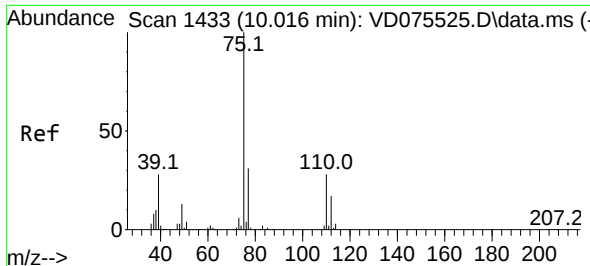
Ion Ratio Lower Upper

83 100

85 62.6 44.6 82.8

127 8.0 6.6 9.8

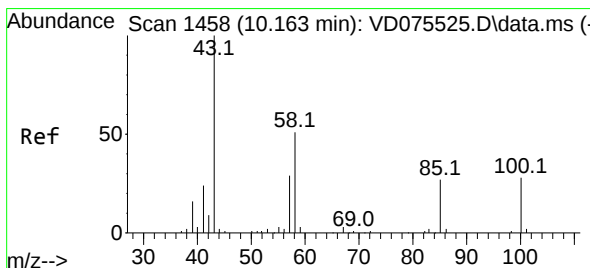
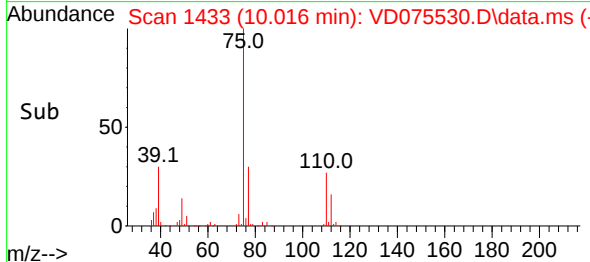
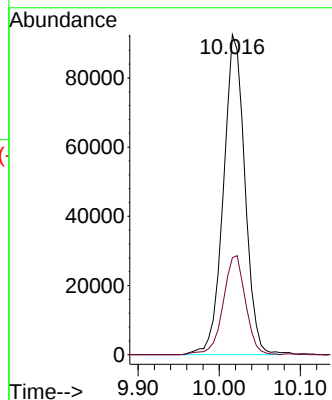
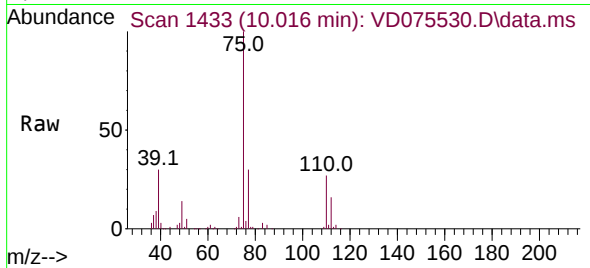




#39
cis-1,3-Dichloropropene
Concen: 24.777 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

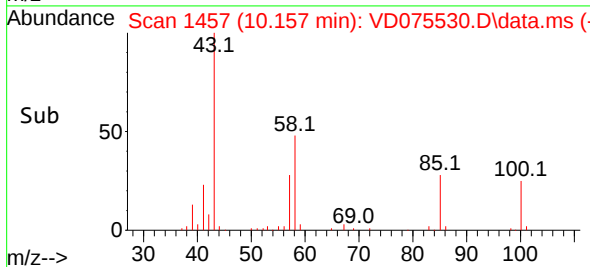
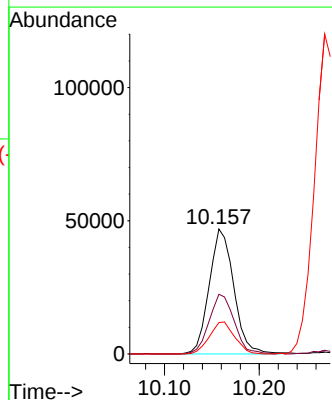
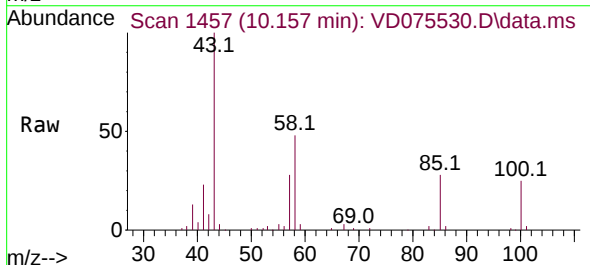
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

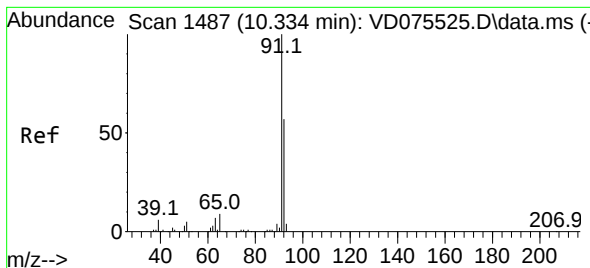
Tgt Ion: 75 Resp: 170332
Ion Ratio Lower Upper
75 100
77 30.3 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 49.072 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 43 Resp: 84535
Ion Ratio Lower Upper
43 100
58 48.6 39.0 58.6
100 26.1 18.7 28.1





#42

Toluene

Concen: 25.671 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

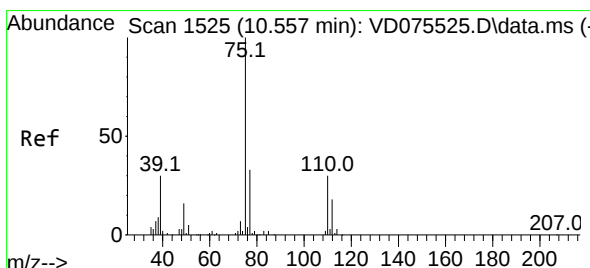
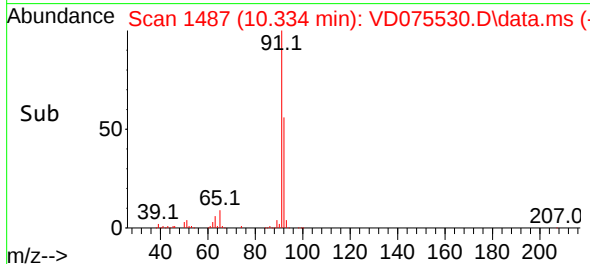
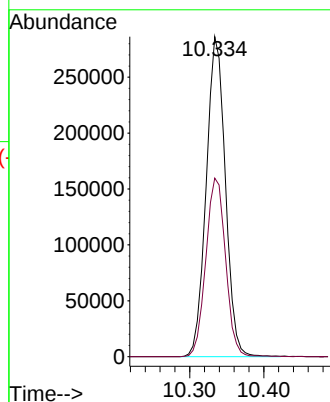
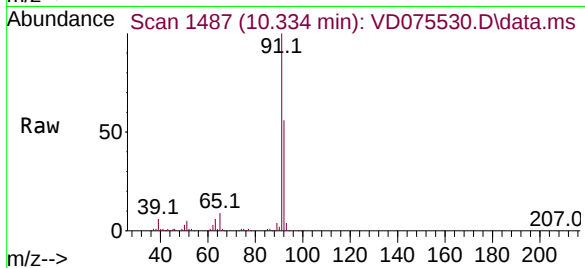
VSTD025114

Tgt Ion: 91 Resp: 513760

Ion Ratio Lower Upper

91 100

92 55.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 25.260 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075530.D

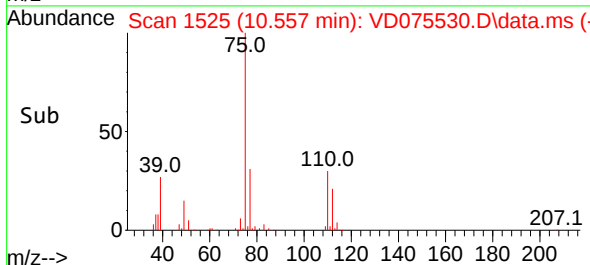
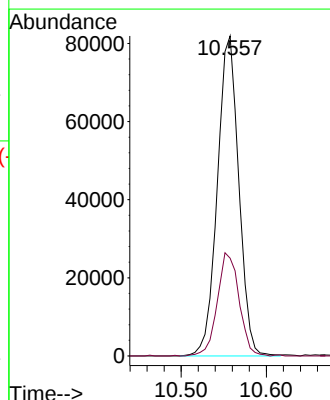
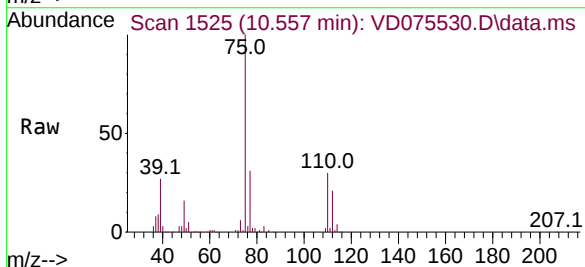
Acq: 29 Mar 2023 12:41

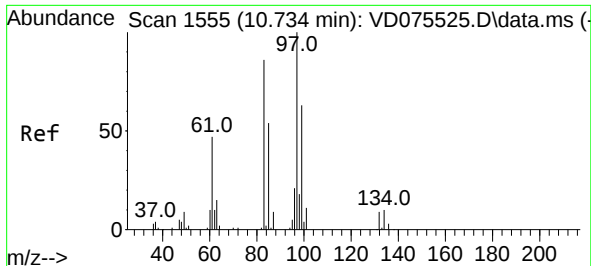
Tgt Ion: 75 Resp: 143072

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6

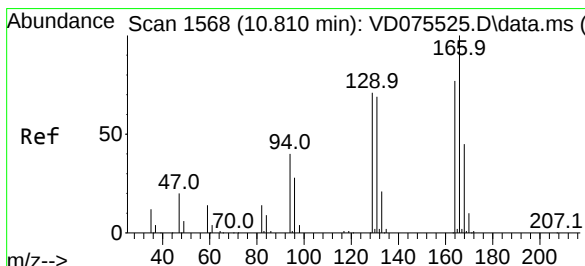
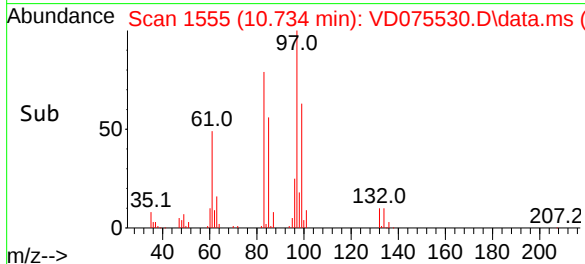
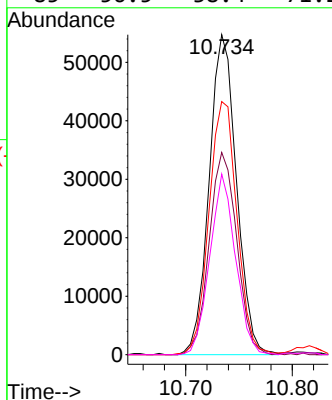
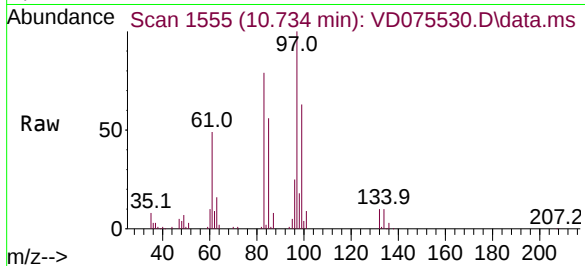




#45
1,1,2-Trichloroethane
Concen: 27.213 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

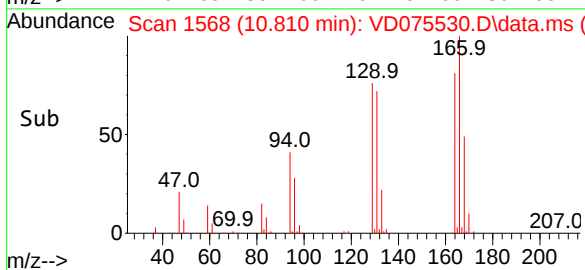
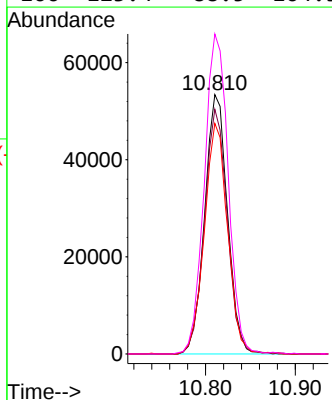
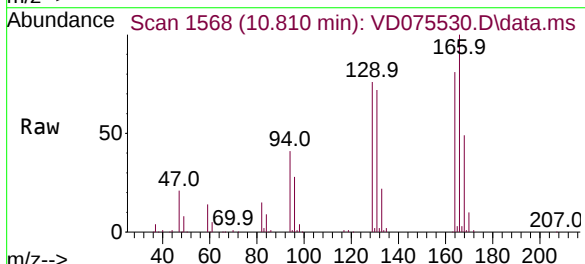
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

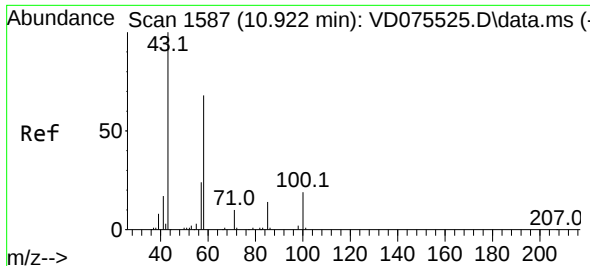
Tgt Ion: 97	Resp: 97638
Ion Ratio	Lower Upper
97 100	
99 63.2	40.9 76.0
83 79.1	57.7 107.1
85 56.5	38.4 71.2



#46
Tetrachloroethene
Concen: 25.813 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt	Ion:164	Resp:	94429
Ion	Ratio	Lower	Upper
164	100		
129	94.3	65.4	121.4
131	88.9	64.1	119.1
166	123.4	88.5	164.3

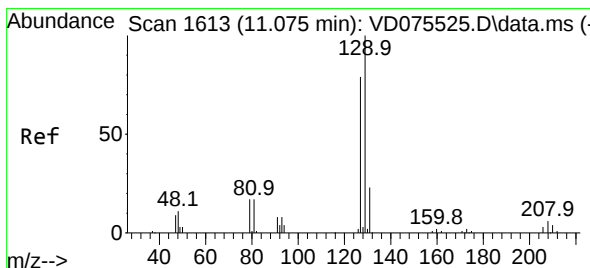
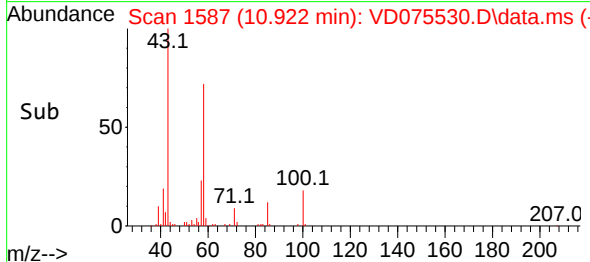
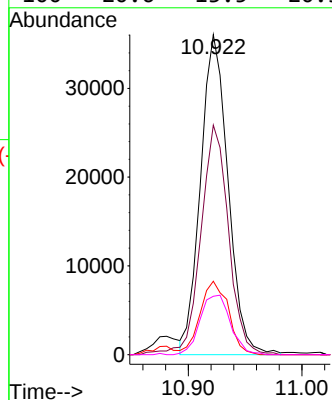
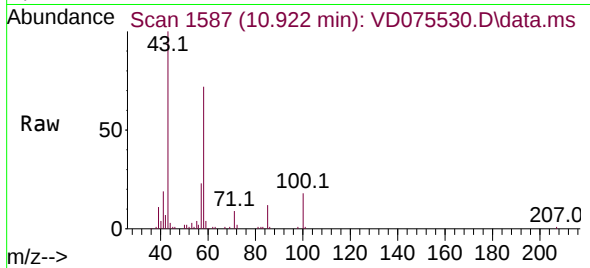




#48
2-Hexanone
Concen: 47.833 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

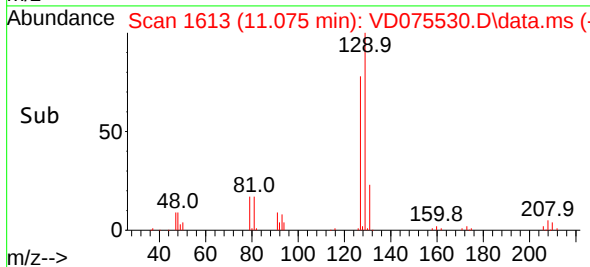
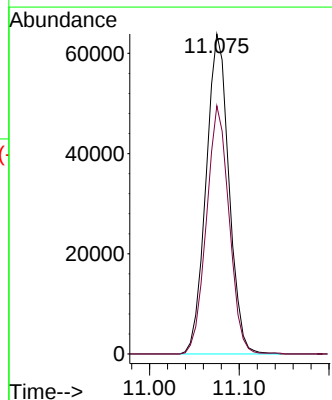
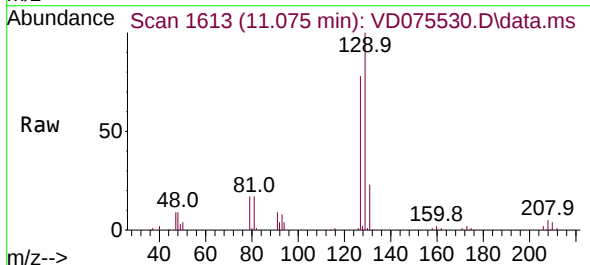
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

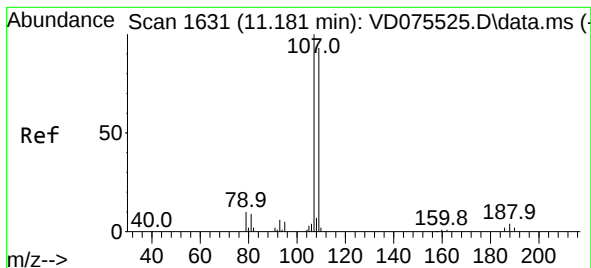
Tgt Ion: 43 Resp: 60627
Ion Ratio Lower Upper
43 100
58 72.2 53.1 79.7
57 23.6 16.7 25.1
100 20.6 13.5 20.3#



#49
Dibromochloromethane
Concen: 28.823 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 129 Resp: 112964
Ion Ratio Lower Upper
129 100
127 77.5 53.7 99.7





#50

1,2-Dibromoethane

Concen: 27.392 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

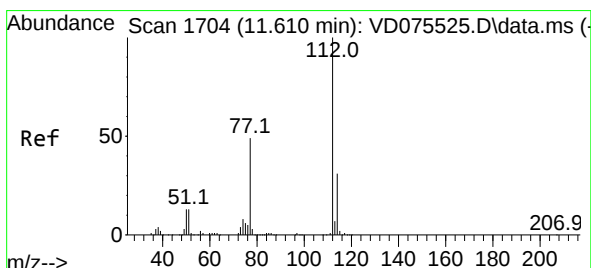
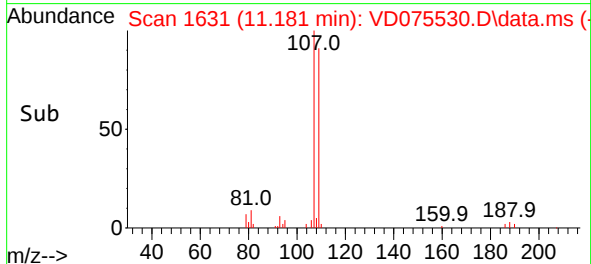
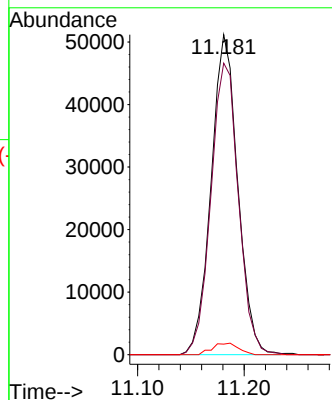
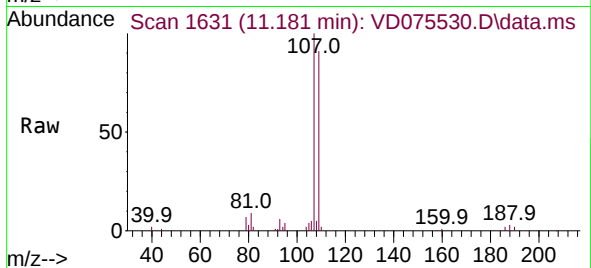
Tgt Ion:107 Resp: 88836

Ion Ratio Lower Upper

107 100

109 91.1 64.2 119.2

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 25.862 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

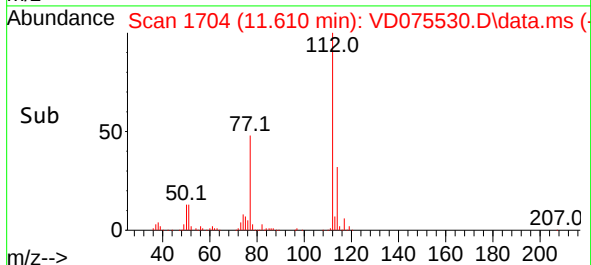
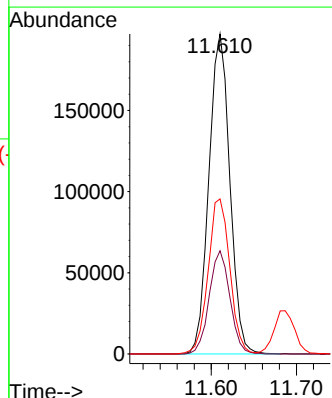
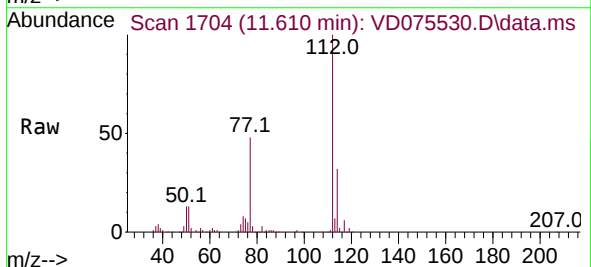
Tgt Ion:112 Resp: 336415

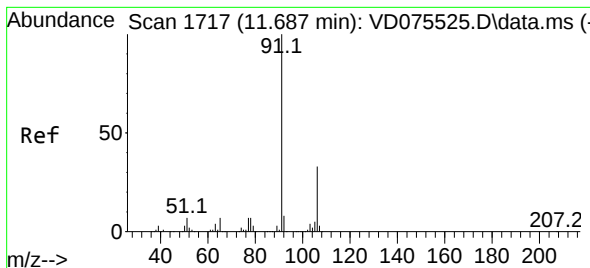
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 48.4 40.2 60.2

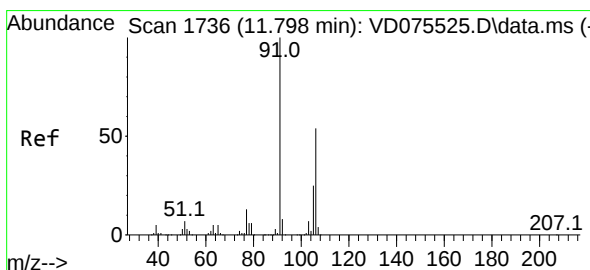
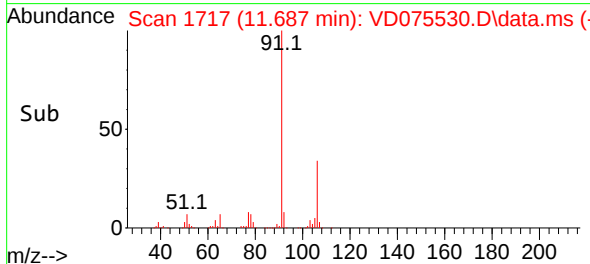
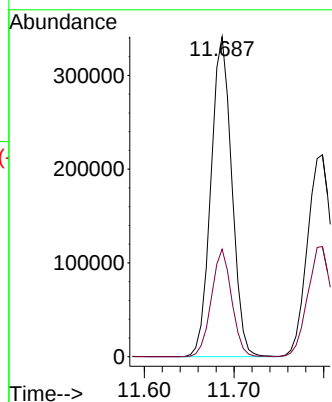
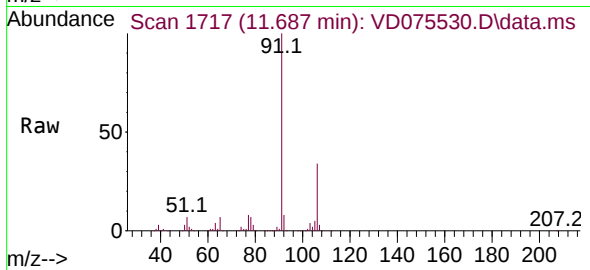




#52
Ethylbenzene
Concen: 25.910 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

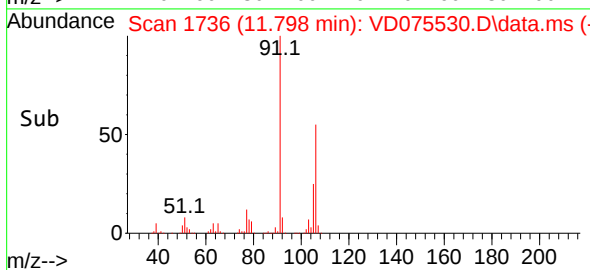
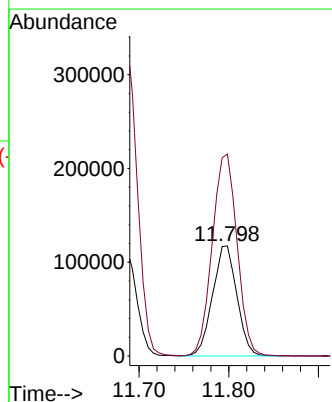
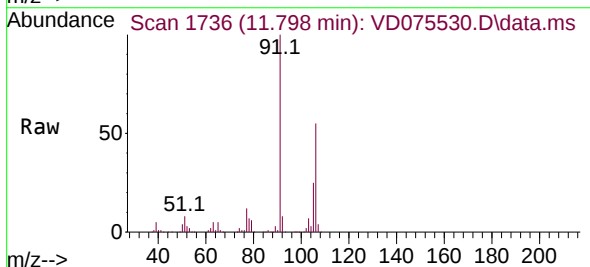
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

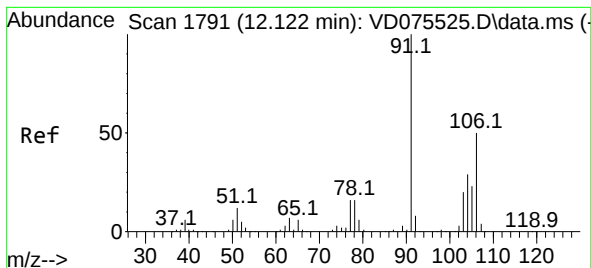
Tgt Ion: 91 Resp: 551442
Ion Ratio Lower Upper
91 100
106 33.6 23.1 42.9



#53
m,p-Xylene
Concen: 26.331 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 106 Resp: 220793
Ion Ratio Lower Upper
106 100
91 183.3 134.1 249.1





#54

o-Xylene

Concen: 26.505 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

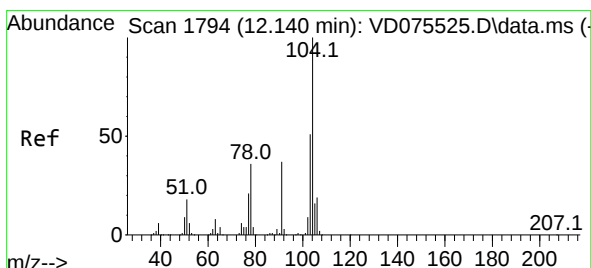
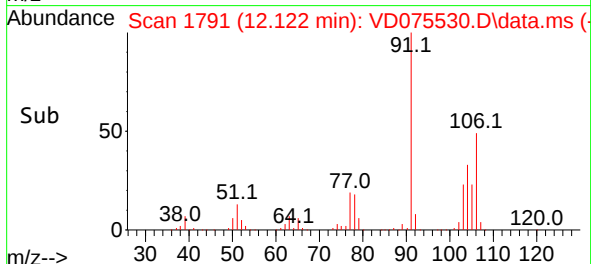
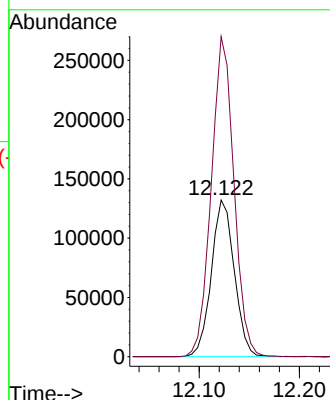
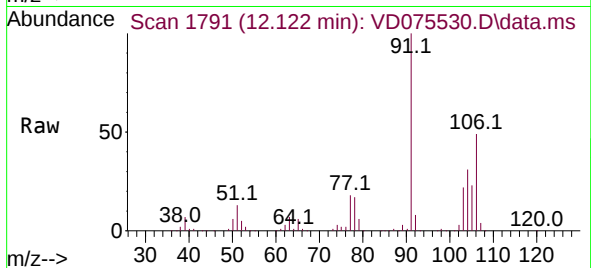
VSTD025114

Tgt Ion:106 Resp: 210240

Ion Ratio Lower Upper

106 100

91 204.3 142.3 264.3



#55

Styrene

Concen: 26.985 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD075530.D

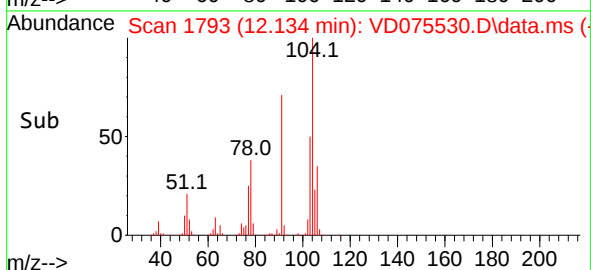
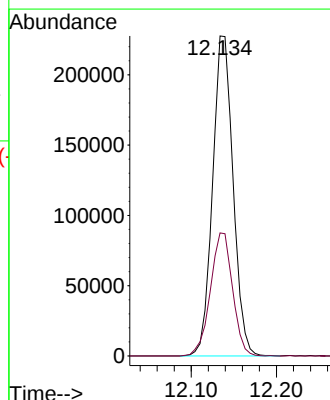
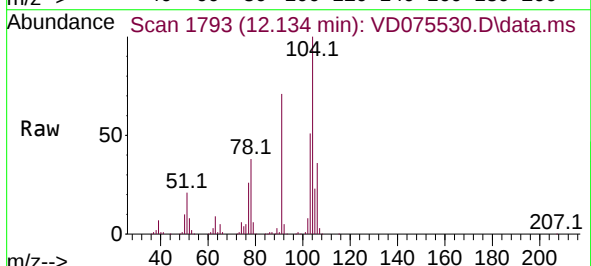
Acq: 29 Mar 2023 12:41

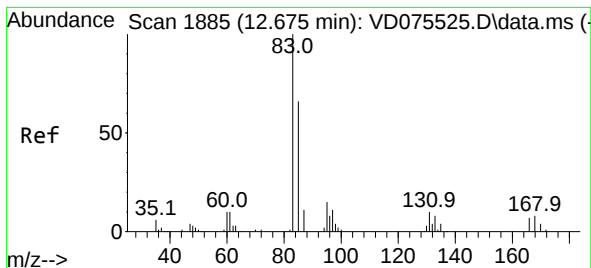
Tgt Ion:104 Resp: 380168

Ion Ratio Lower Upper

104 100

78 38.4 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.038 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

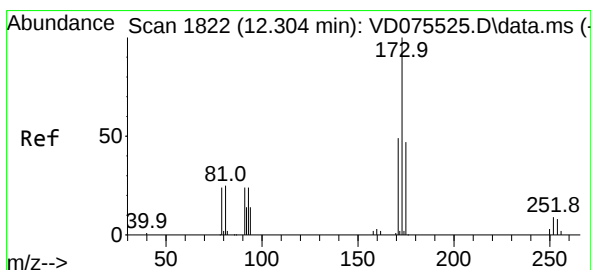
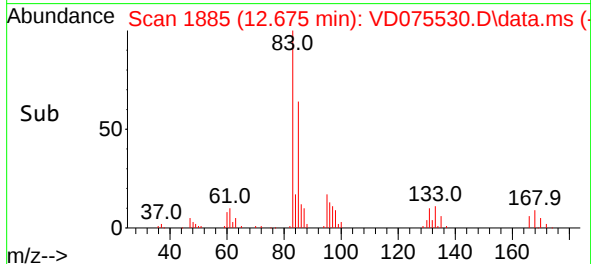
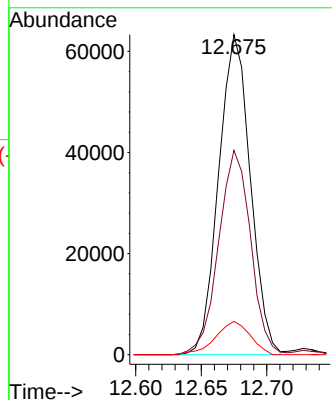
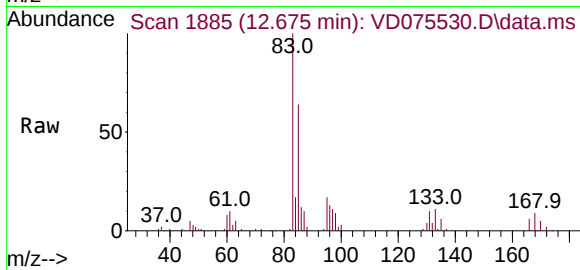
Tgt Ion: 83 Resp: 106173

Ion Ratio Lower Upper

83 100

85 63.9 46.3 85.9

131 10.4 8.1 12.1



#59

Bromoform

Concen: 27.447 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

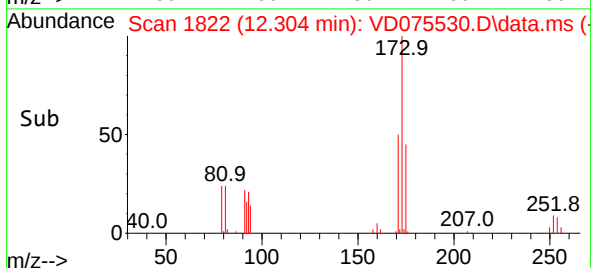
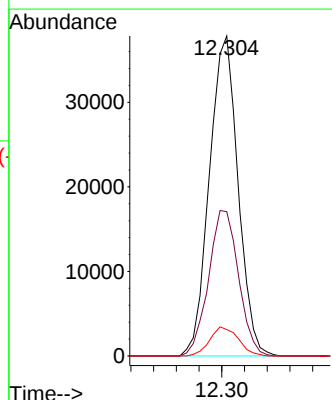
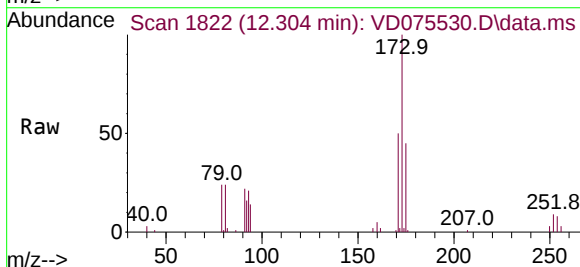
Tgt Ion:173 Resp: 66324

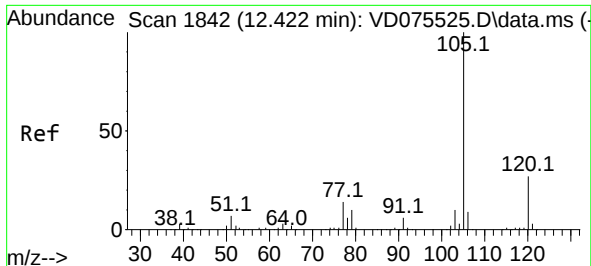
Ion Ratio Lower Upper

173 100

175 47.5 39.3 58.9

254 9.1 7.3 10.9

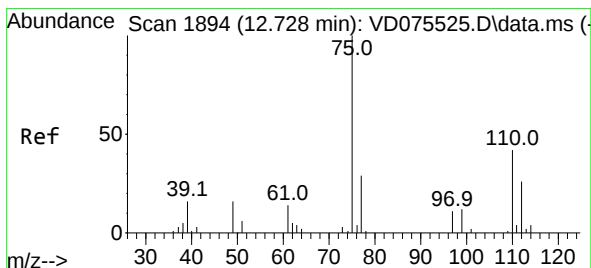
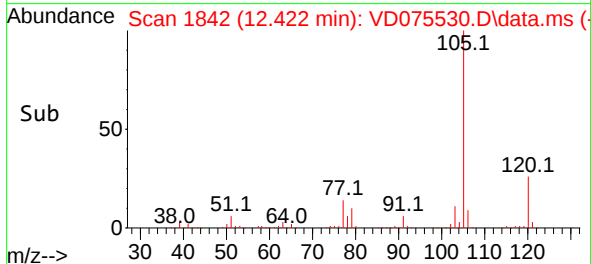
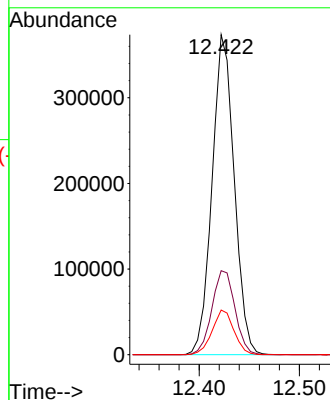
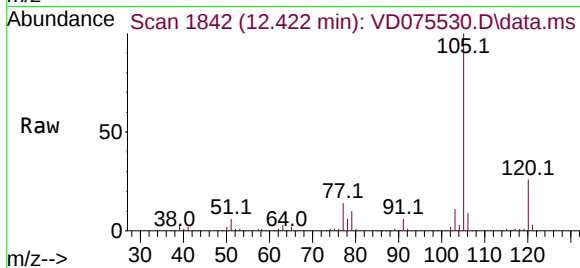




#60
Isopropylbenzene
Concen: 25.432 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

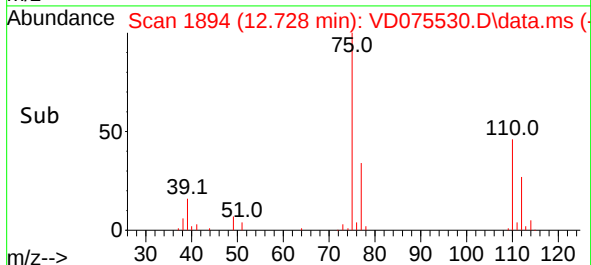
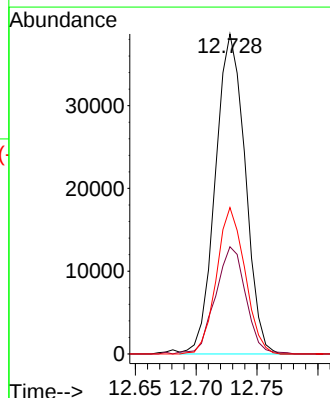
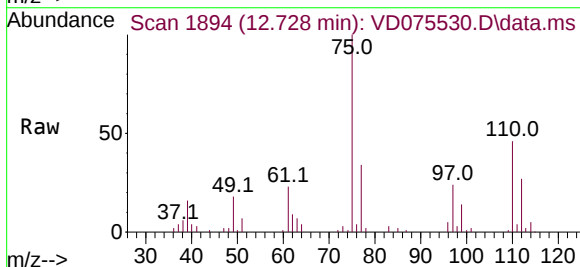
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

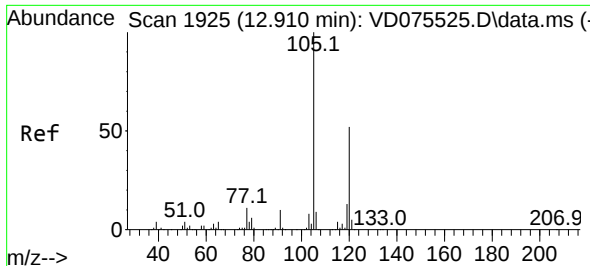
Tgt Ion:105 Resp: 572792
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.6
77 13.7 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 24.488 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion: 75 Resp: 65736
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.4
110 43.7 33.2 49.8

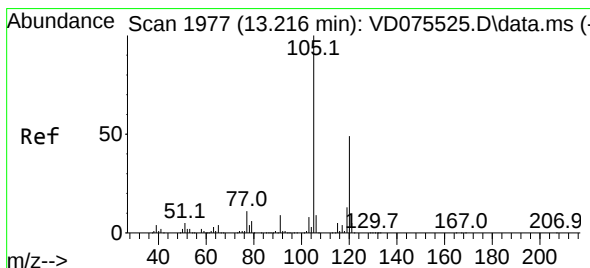
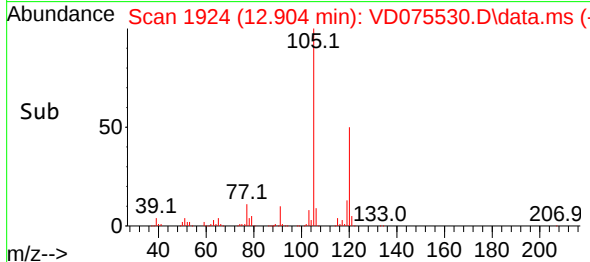
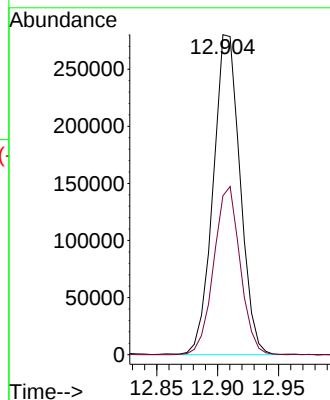
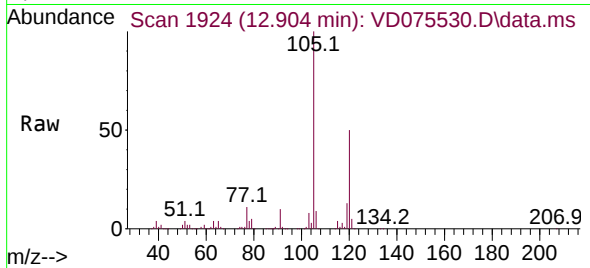




#62
1,3,5-Trimethylbenzene
Concen: 25.508 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

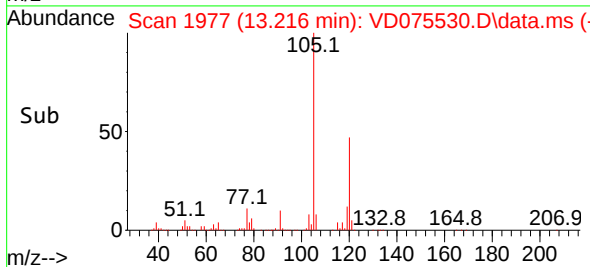
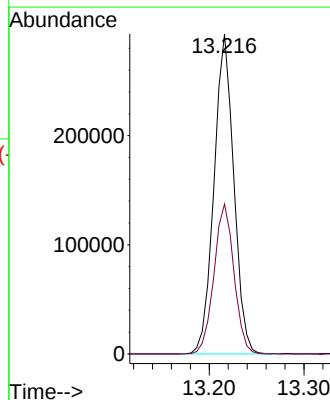
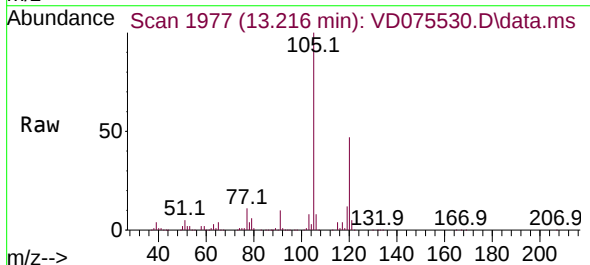
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

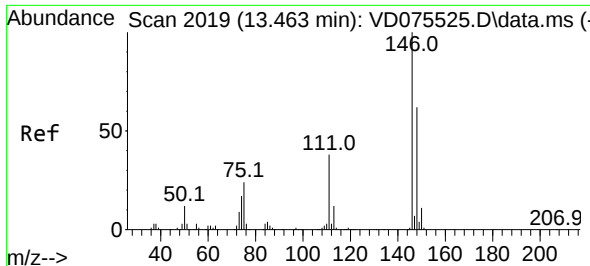
Tgt Ion:105 Resp: 431281
Ion Ratio Lower Upper
105 100
120 51.5 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 25.717 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion:105 Resp: 425148
Ion Ratio Lower Upper
105 100
120 47.4 38.2 57.2

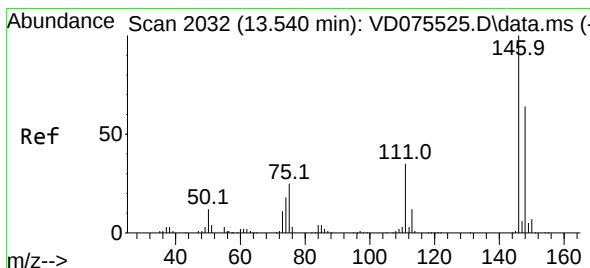
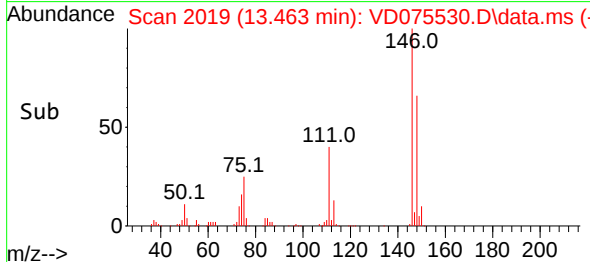
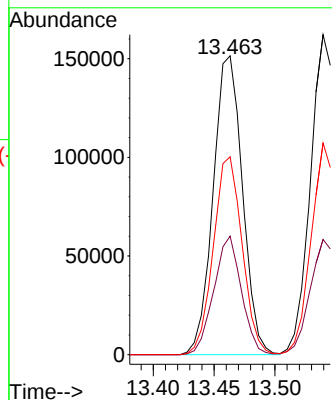
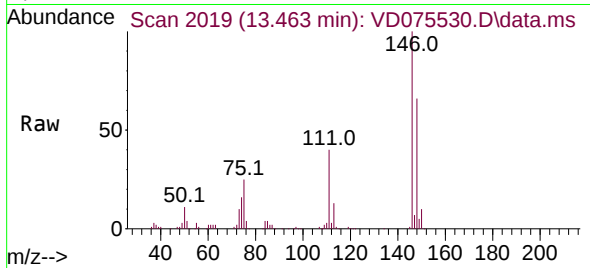




#64
1,3-Dichlorobenzene
Concen: 25.435 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

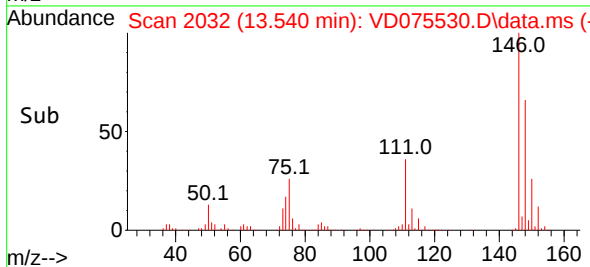
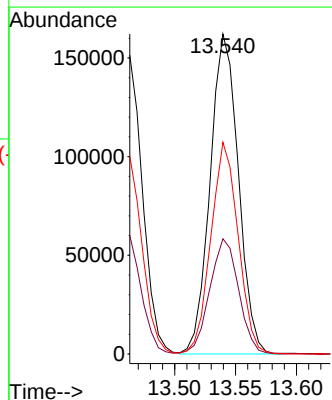
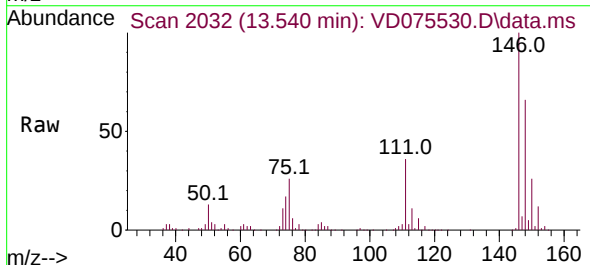
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

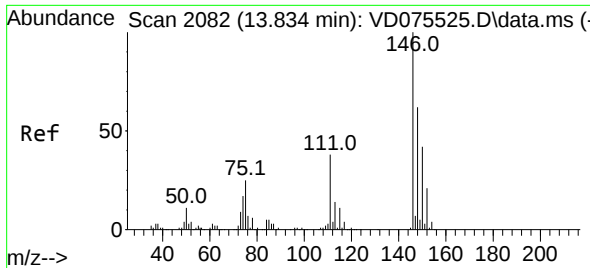
Tgt Ion:146 Resp: 253415
Ion Ratio Lower Upper
146 100
111 39.7 26.0 48.2
148 66.2 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.561 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion:146 Resp: 261967
Ion Ratio Lower Upper
146 100
111 36.0 24.8 46.1
148 66.2 45.6 84.6

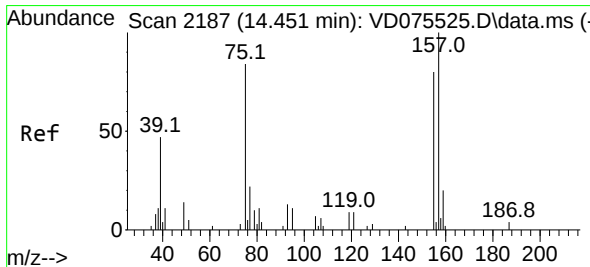
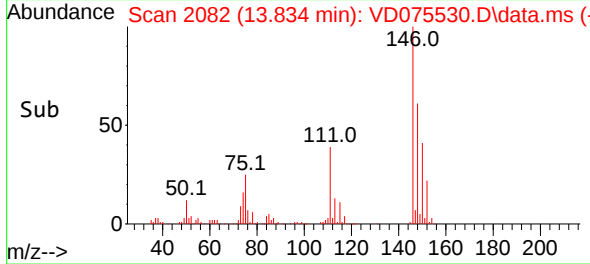
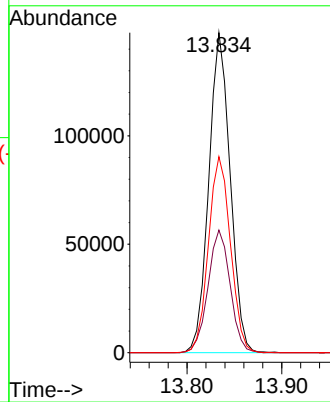
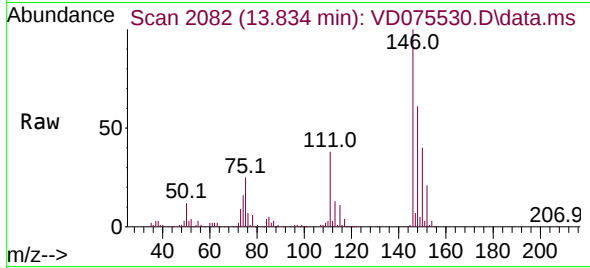




#67
1,2-Dichlorobenzene
Concen: 26.084 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

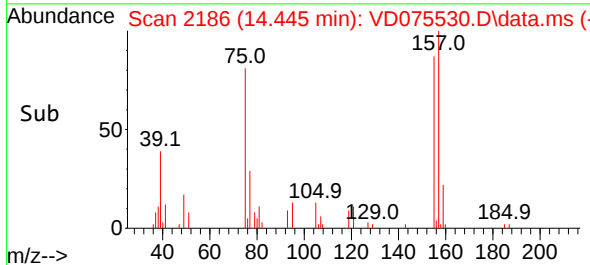
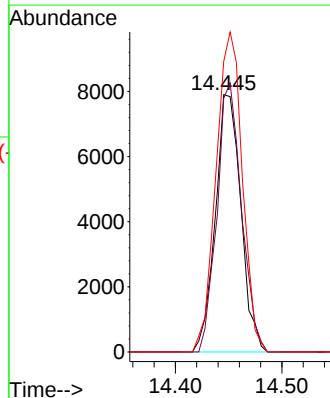
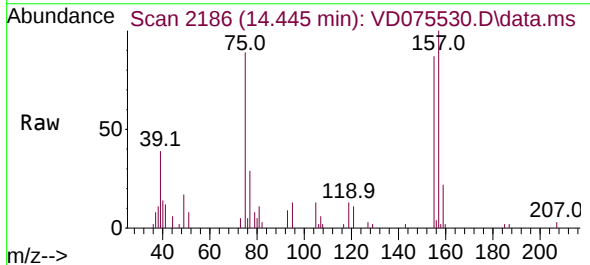
Instrument :
MSVOA_D
ClientSampleId :
VSTD025114

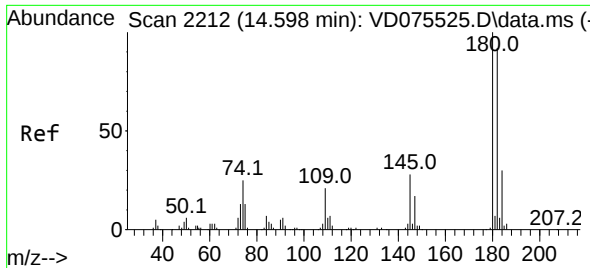
Tgt Ion:	146	Resp:	231557
Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.0	46.6
148	61.3	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 25.194 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075530.D
Acq: 29 Mar 2023 12:41

Tgt Ion:	75	Resp:	13134
Ion	Ratio	Lower	Upper
75	100		
155	98.6	71.3	106.9
157	113.0	85.8	128.6

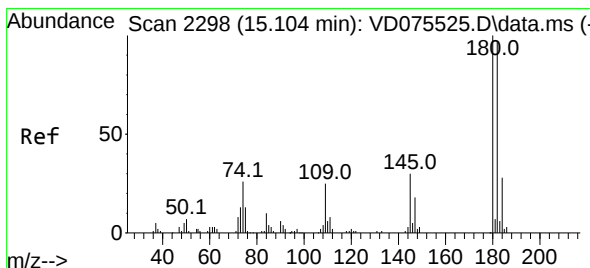
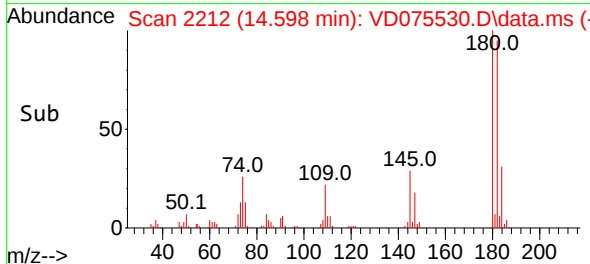
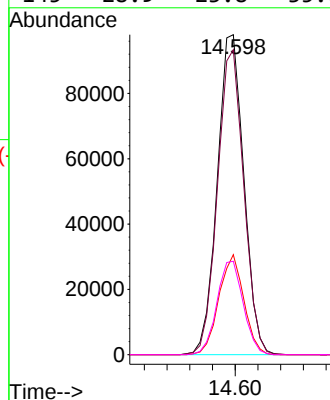
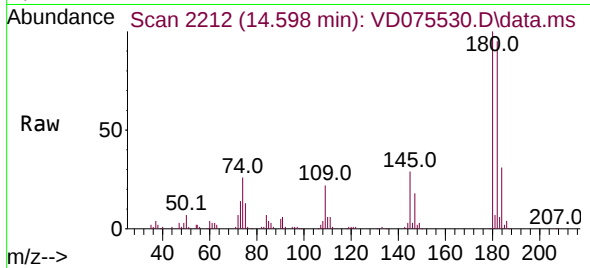




#69
 1,3,5-Trichlorobenzene
 Concen: 25.439 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

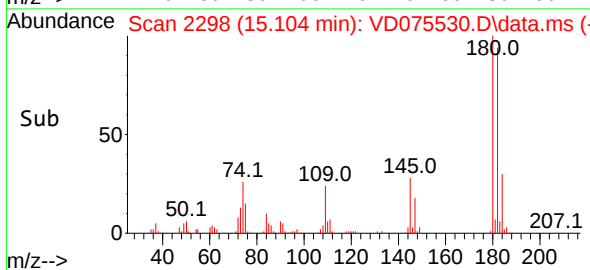
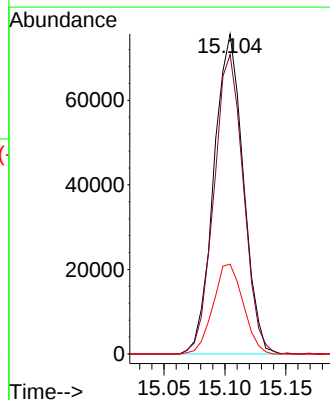
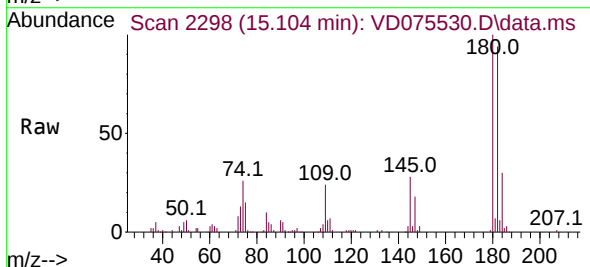
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025114

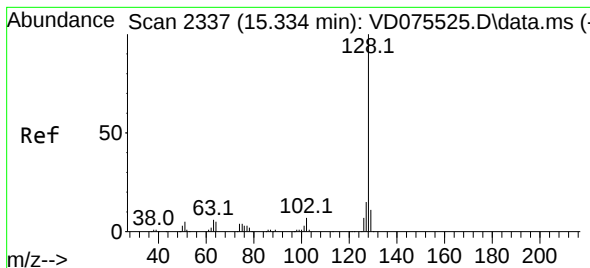
Tgt Ion:180 Resp: 158941
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.5 114.7
 184 29.4 23.6 35.4
 145 28.9 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 25.323 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075530.D
 Acq: 29 Mar 2023 12:41

Tgt Ion:180 Resp: 127211
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.3 111.5
 145 28.7 23.0 34.6





#71

Naphthalene

Concen: 24.789 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTD025114

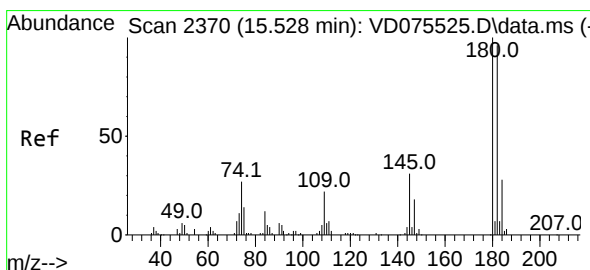
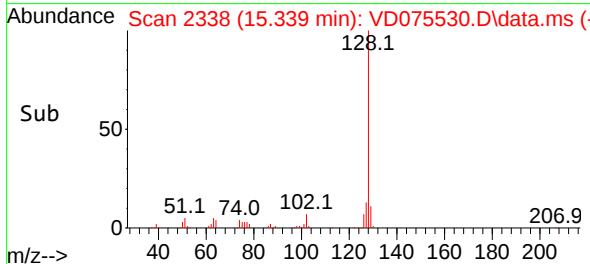
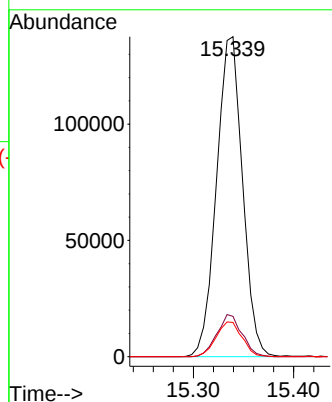
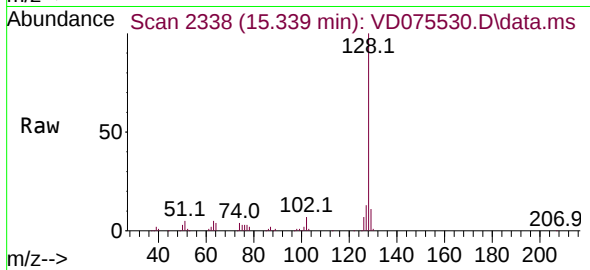
Tgt Ion:128 Resp: 246986

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.394 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075530.D

Acq: 29 Mar 2023 12:41

Tgt Ion:180 Resp: 116872

Ion Ratio Lower Upper

180 100

182 92.8 75.3 112.9

145 29.8 25.1 37.7

