

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070523\
 Data File : VD076713.D
 Acq On : 05 Jul 2023 15:11
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025172

Quant Time: Jul 06 01:15:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	218940	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	191850	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	94363	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	86287	16.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
7) Chloroethane-d5	2.799	69	80032	18.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.240%
11) 1,1-Dichloroethene-d2	3.905	65	14647	10.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.080%#
21) 2-Butanone-d5	6.987	46	32192	39.867	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.740%
24) Chloroform-d	7.563	84	130757	22.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.228	65	63969	22.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.920%
32) Benzene-d6	8.199	84	250127	21.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.205	67	78149	20.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.440%
41) Toluene-d8	10.263	98	232498	21.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	10.522	79	32410	20.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.875	63	23459	40.343	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.680%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	57942	21.741	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	75339	21.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	80413	23.570	ug/L	100
3) Chloromethane	2.140	50	122150	21.538	ug/L	99
5) Vinyl chloride	2.281	62	128127	20.942	ug/L	98
6) Bromomethane	2.687	94	74822	22.079	ug/L	99
8) Chloroethane	2.834	64	83371	22.246	ug/L	93
9) Trichlorofluoromethane	3.170	101	119479	27.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	69340	24.165	ug/L	99
12) 1,1-Dichloroethene	3.928	96	66972	23.569	ug/L	93
13) Acetone	4.011	43	22922	35.145	ug/L	99
14) Carbon disulfide	4.264	76	222995	21.650	ug/L	97
15) Methyl Acetate	4.552	43	28086	18.864	ug/L #	85
16) Methylene chloride	4.799	84	76392	20.074	ug/L	86
17) trans-1,2-Dichloroethene	5.305	96	74332	23.464	ug/L	94
18) Methyl tert-butyl Ether	5.305	73	148309	20.564	ug/L #	57
19) 1,1-Dichloroethane	6.105	63	133624	23.072	ug/L	97
20) cis-1,2-Dichloroethene	7.069	96	80699	22.810	ug/L	92
22) 2-Butanone	7.075	43	36747	34.913	ug/L	98
23) Bromochloromethane	7.422	128	32947	21.942	ug/L	86
25) Chloroform	7.593	83	136643	24.175	ug/L	94

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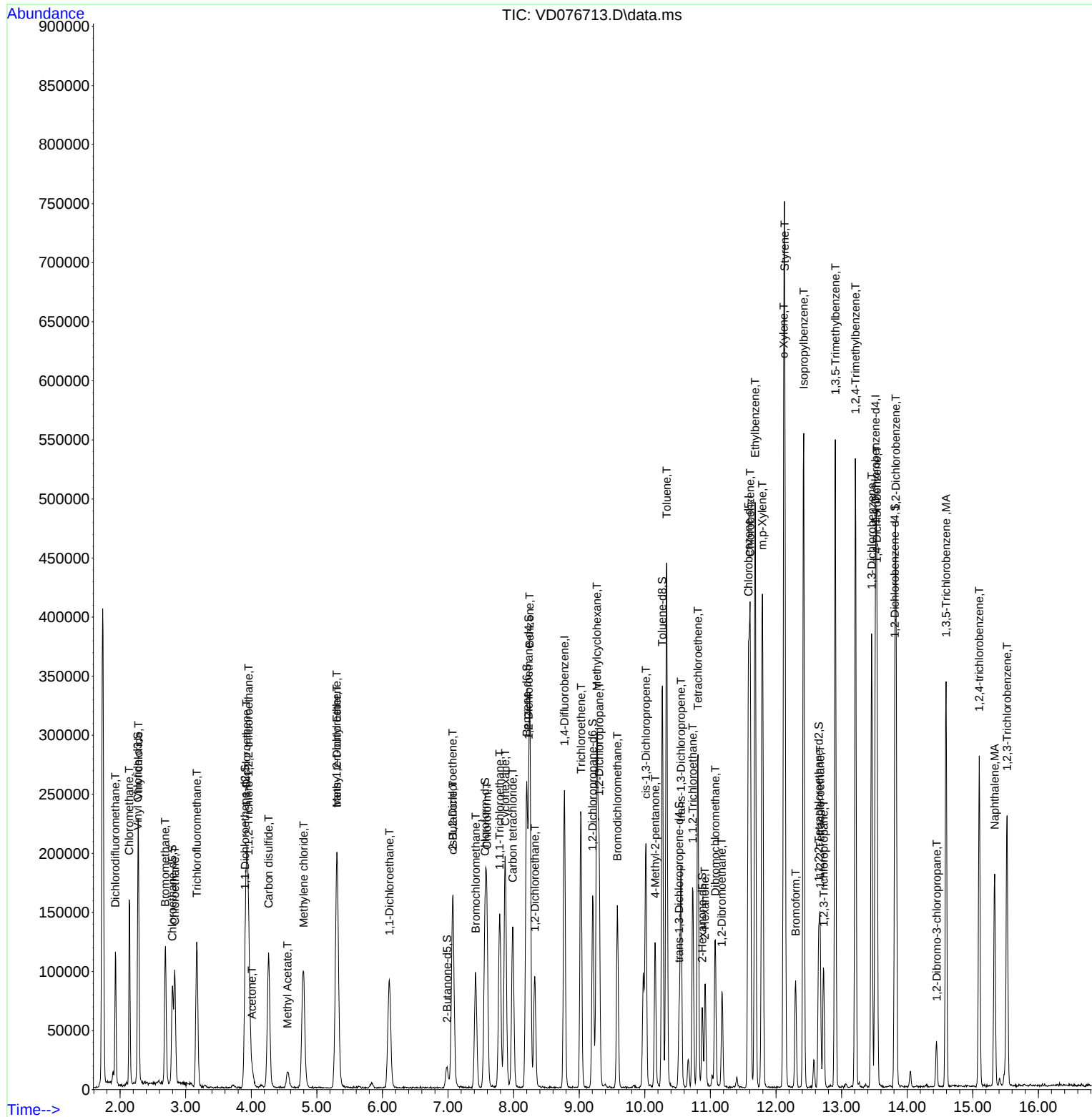
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	82280	23.671	ug/L	98
29) Cyclohexane	7.875	56	109138	21.393	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	119048	26.711	ug/L	98
31) Carbon tetrachloride	7.987	117	101864	28.578	ug/L	97
33) Benzene	8.246	78	299807	23.612	ug/L	100
34) Trichloroethene	9.028	95	81551	25.002	ug/L	96
35) Methylcyclohexane	9.269	83	121311	23.064	ug/L	96
37) 1,2-Dichloropropane	9.305	63	77041	22.255	ug/L #	97
38) Bromodichloromethane	9.581	83	99200	25.125	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	121684	23.020	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	85284	39.602	ug/L	97
42) Toluene	10.334	91	328869	24.237	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	100488	23.388	ug/L	95
45) 1,1,2-Trichloroethane	10.728	97	53078	22.354	ug/L	99
46) Tetrachloroethene	10.810	164	63241	24.663	ug/L	97
48) 2-Hexanone	10.916	43	61133	41.449	ug/L	95
49) Dibromochloromethane	11.075	129	65182	24.156	ug/L	94
50) 1,2-Dibromoethane	11.175	107	51786	22.471	ug/L #	87
51) Chlorobenzene	11.604	112	202837	23.944	ug/L	97
52) Ethylbenzene	11.681	91	363542	24.857	ug/L	99
53) m,p-Xylene	11.793	106	135536	23.582	ug/L	95
54) o-Xylene	12.116	106	133109	24.323	ug/L	100
55) Styrene	12.134	104	224181	23.711	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	60429	22.269	ug/L	95
59) Bromoform	12.298	173	40602	24.035	ug/L #	94
60) Isopropylbenzene	12.422	105	355779	24.650	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	40845	22.304	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	282275	24.444	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	273254	23.980	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	153117	23.846	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	153496	23.715	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	132893	23.232	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	8199	20.090	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	102578	23.950	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	85265	22.375	ug/L	99
71) Naphthalene	15.334	128	150514	20.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	73883	22.326	ug/L	96

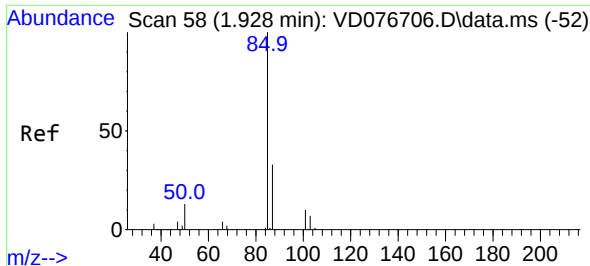
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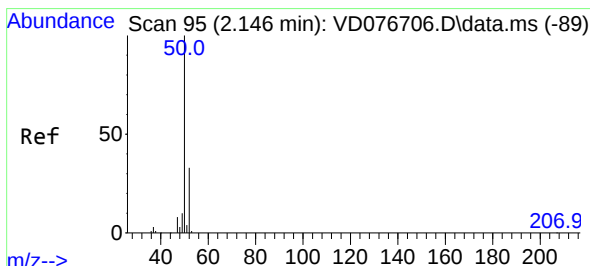
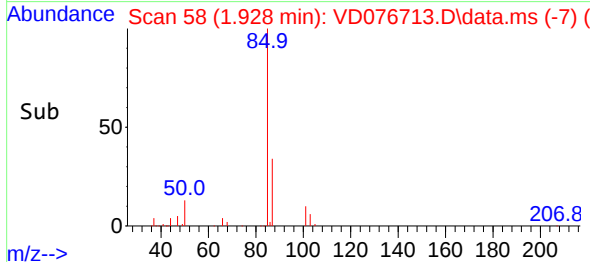
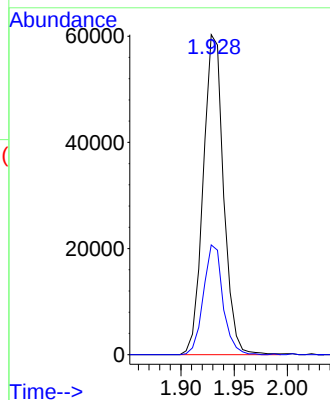
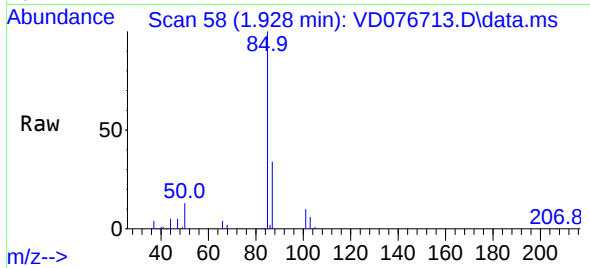




#2
Dichlorodifluoromethane
Concen: 23.570 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

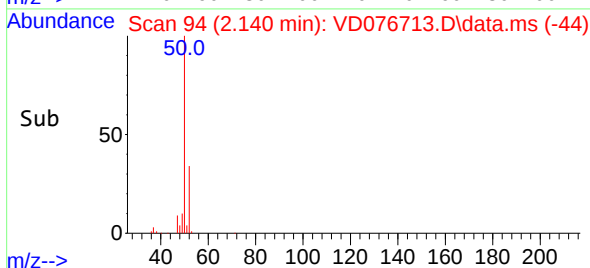
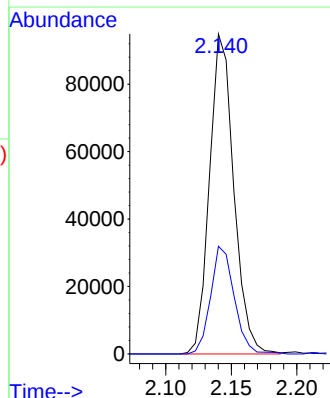
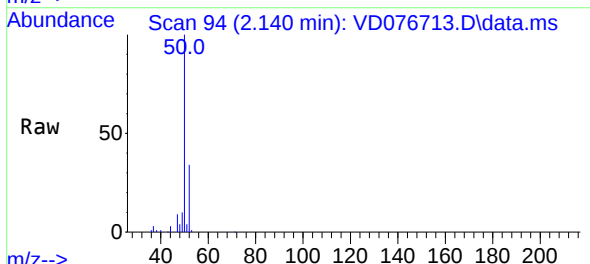
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ClientSampleId :
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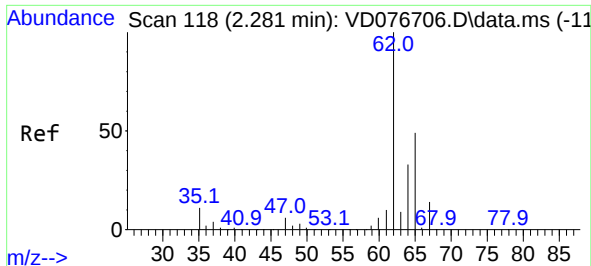
Tgt Ion: 85 Resp: 80413
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5



#3
Chloromethane
Concen: 21.538 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 50 Resp: 122150
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

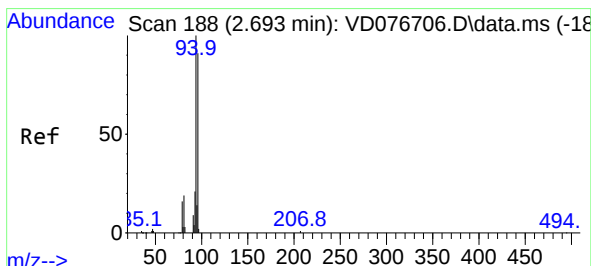
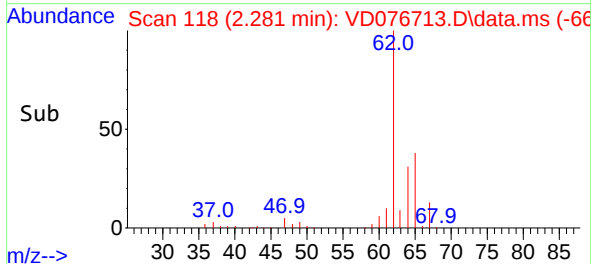
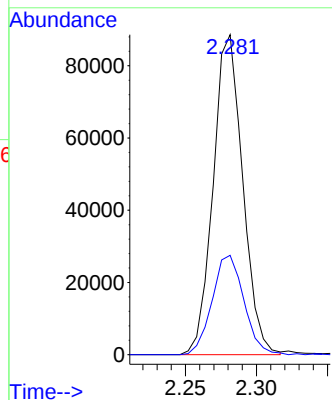
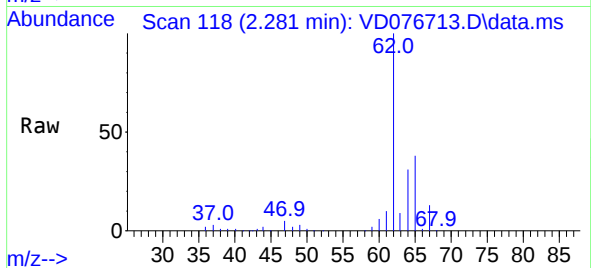




#5
 Vinyl chloride
 Concen: 20.942 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD076713.D
 Acq: 05 Jul 2023 15:11

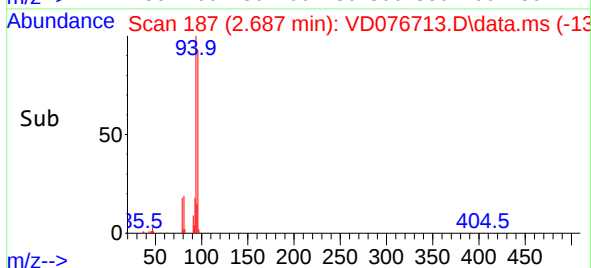
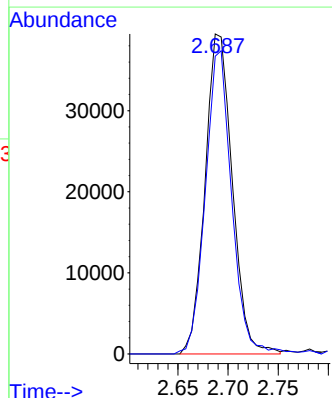
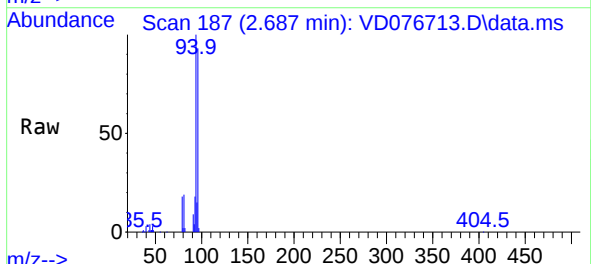
Instrument :
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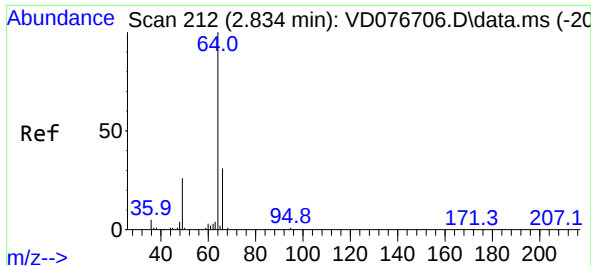
Tgt Ion: 62 Resp: 128127
 Ion Ratio Lower Upper
 62 100
 64 31.1 21.1 39.1



#6
 Bromomethane
 Concen: 22.079 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076713.D
 Acq: 05 Jul 2023 15:11

Tgt Ion: 94 Resp: 74822
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.7 120.1

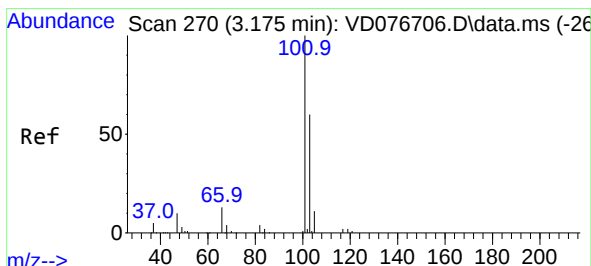
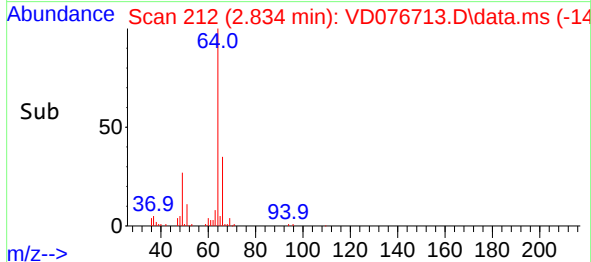
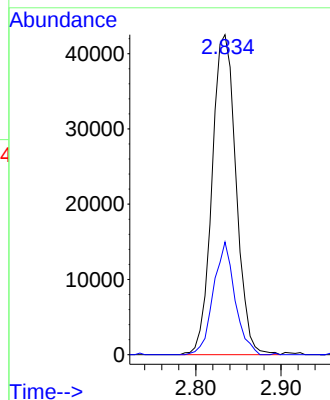
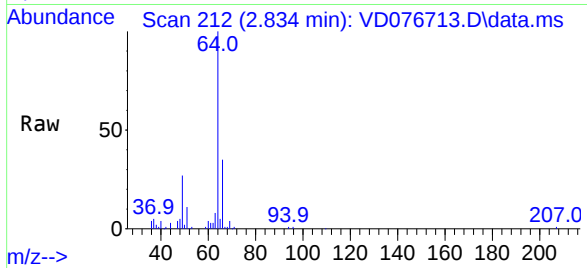




#8
Chloroethane
Concen: 22.246 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

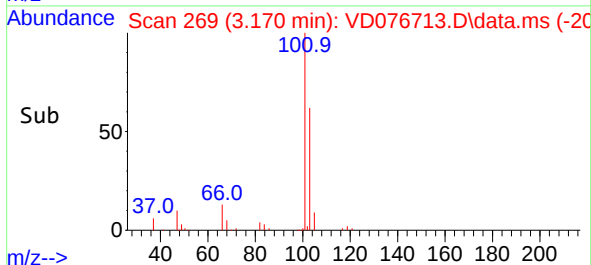
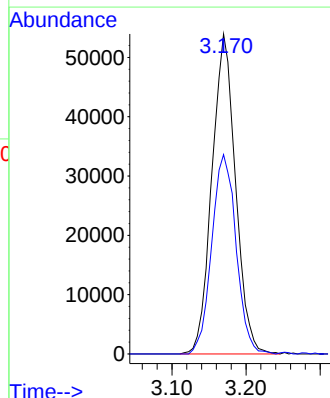
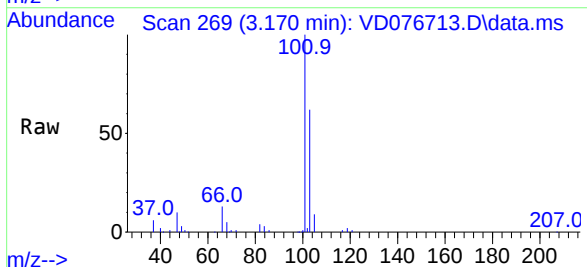
Instrument :
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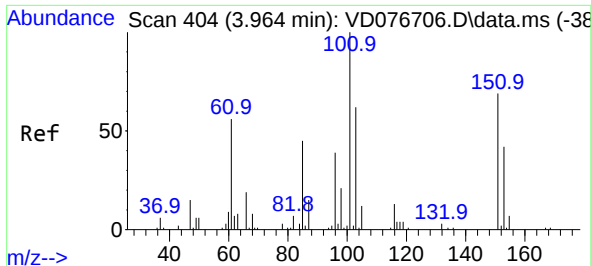
Tgt Ion: 64 Resp: 83371
Ion Ratio Lower Upper
64 100
66 35.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 27.008 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:101 Resp: 119479
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

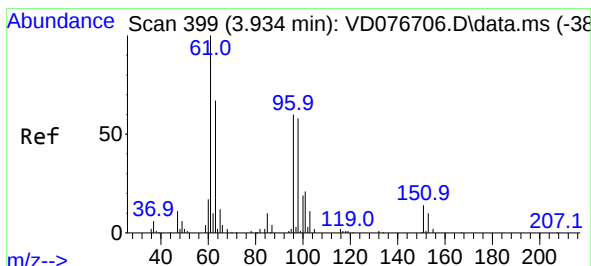
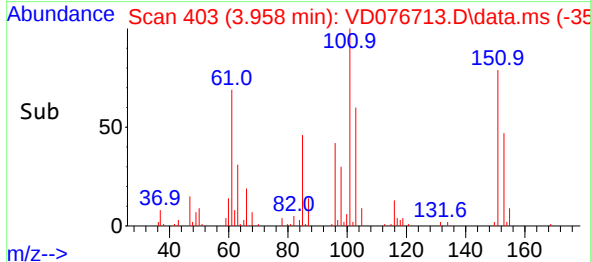
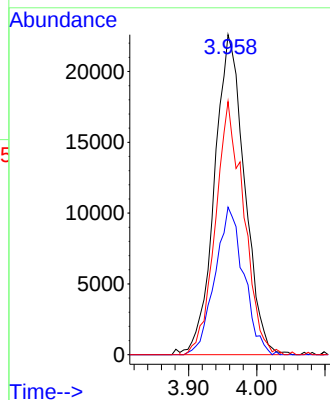
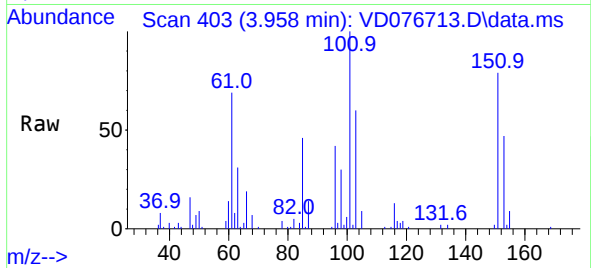




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.165 ug/L
RT: 3.958 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

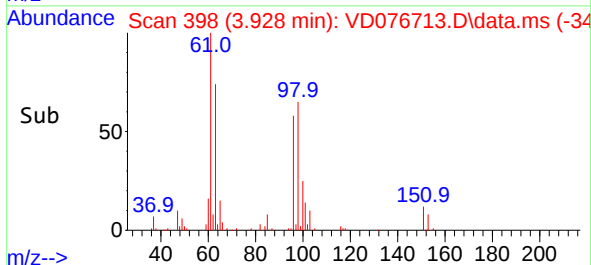
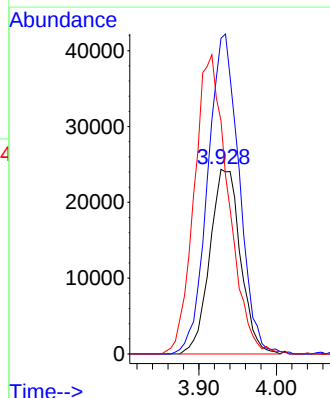
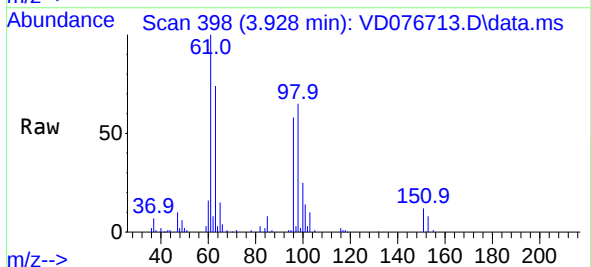
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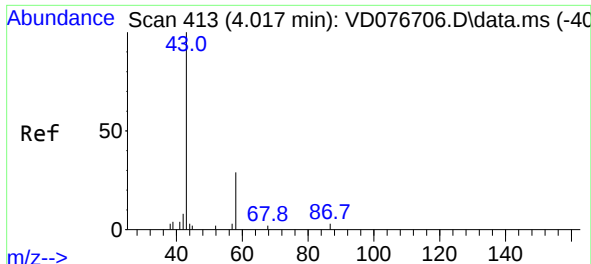
Tgt Ion:101 Resp: 69340
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 74.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 23.569 ug/L
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 96 Resp: 66972
Ion Ratio Lower Upper
96 100
61 171.0 113.0 209.8
63 126.3 83.6 155.2

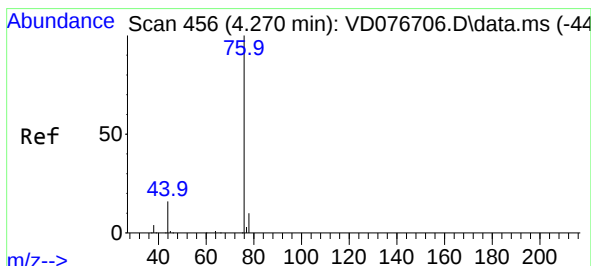
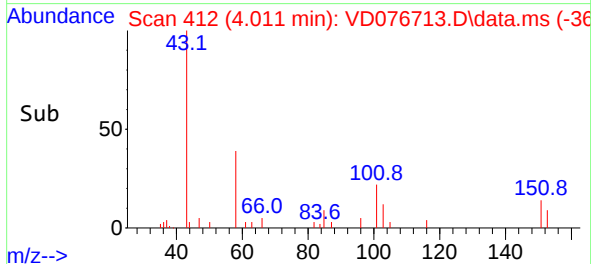
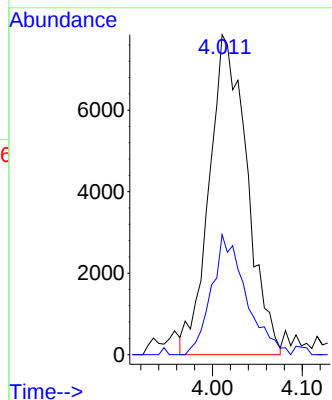
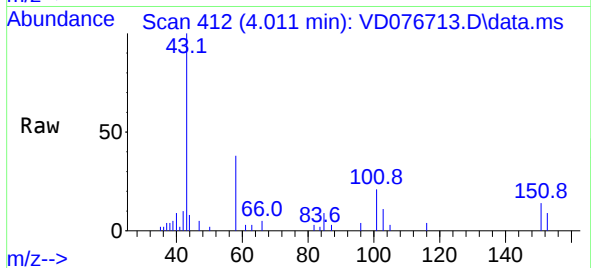




#13
Acetone
Concen: 35.145 ug/L
RT: 4.011 min Scan# 41
Delta R.T. -0.012 min
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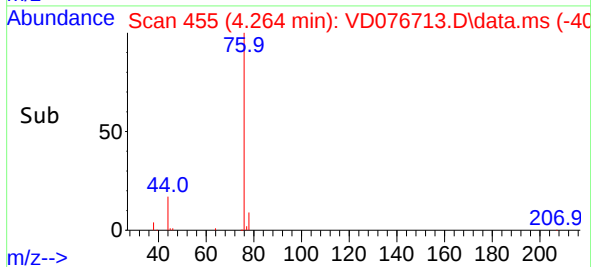
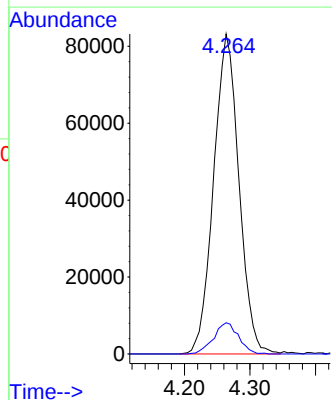
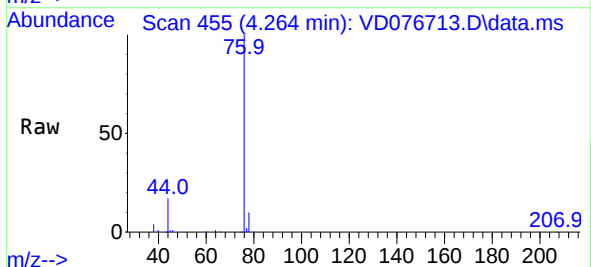
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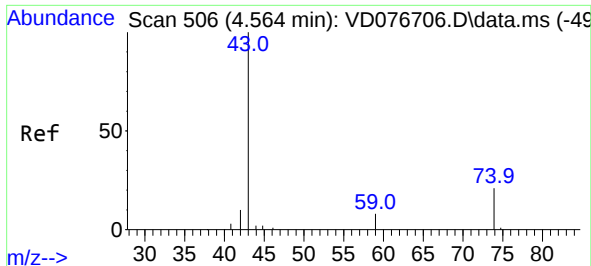
Tgt Ion: 43 Resp: 22922
Ion Ratio Lower Upper
43 100
58 34.2 0.0 67.4



#14
Carbon disulfide
Concen: 21.650 ug/L
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 222995
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

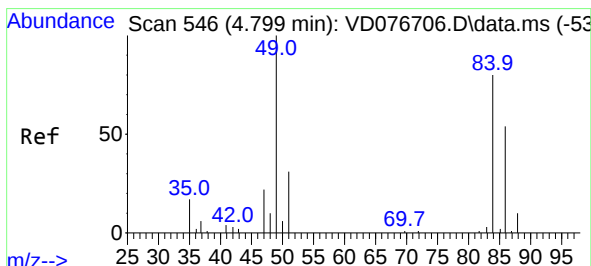
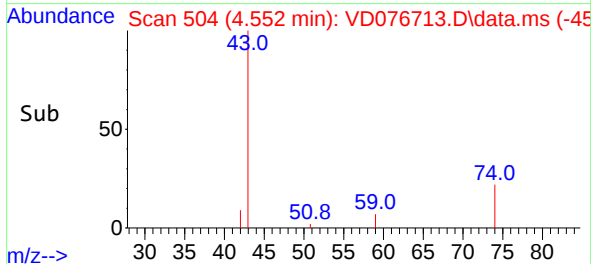
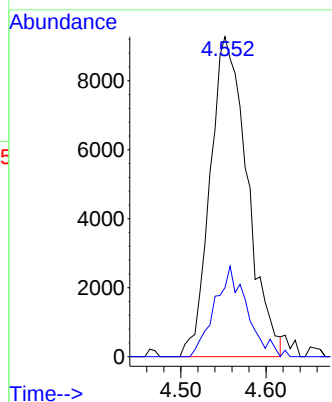
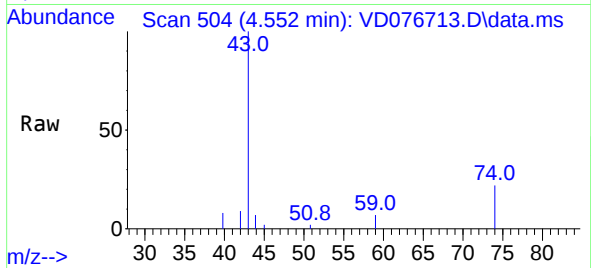




#15
Methyl Acetate
Concen: 18.864 ug/L
RT: 4.552 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

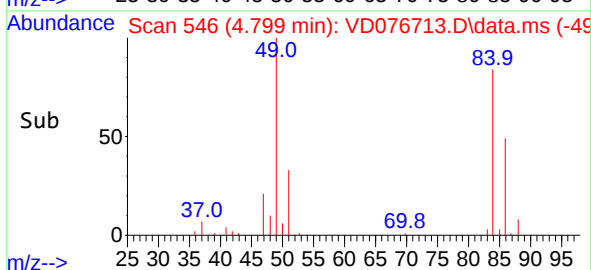
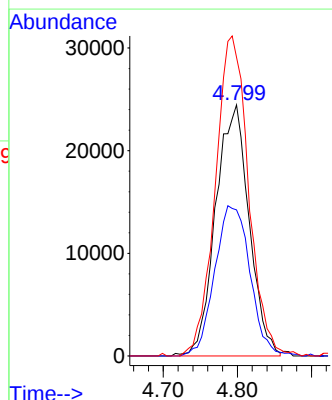
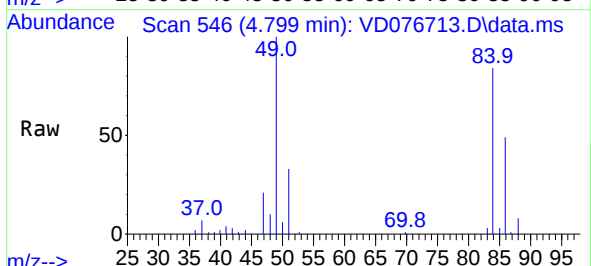
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

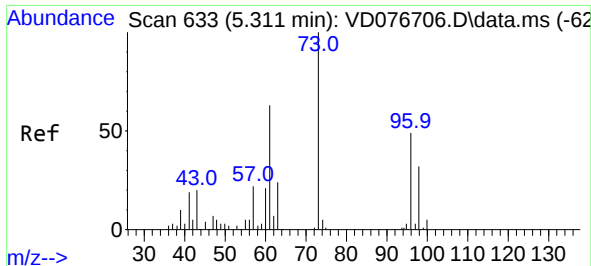
Tgt Ion: 43 Resp: 28086
Ion Ratio Lower Upper
43 100
74 15.6 18.2 27.2#



#16
Methylene chloride
Concen: 20.074 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 84 Resp: 76392
Ion Ratio Lower Upper
84 100
86 58.2 45.1 83.9
49 119.0 97.2 180.6





#17

trans-1,2-Dichloroethene

Concen: 23.464 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025172

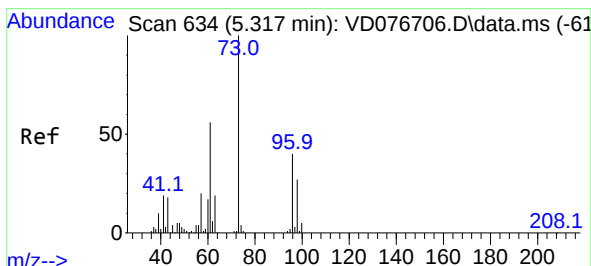
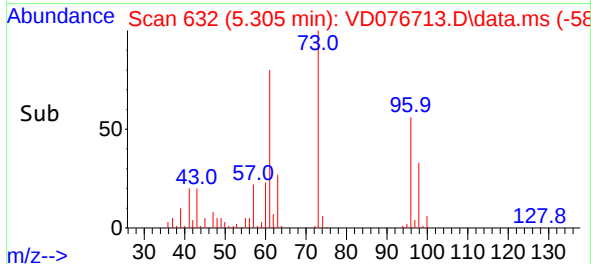
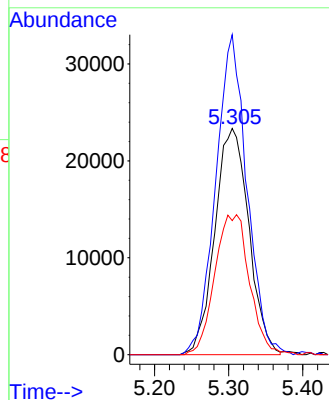
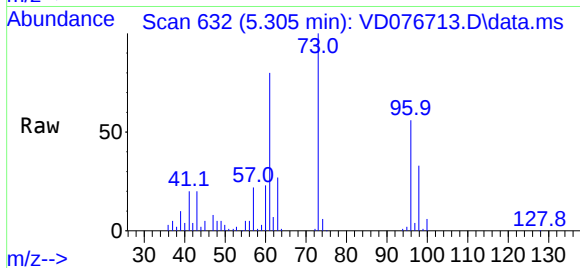
Tgt Ion: 96 Resp: 74332

Ion Ratio Lower Upper

96 100

61 141.5 94.5 175.5

98 59.3 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 20.564 ug/L

RT: 5.305 min Scan# 632

Delta R.T. -0.012 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

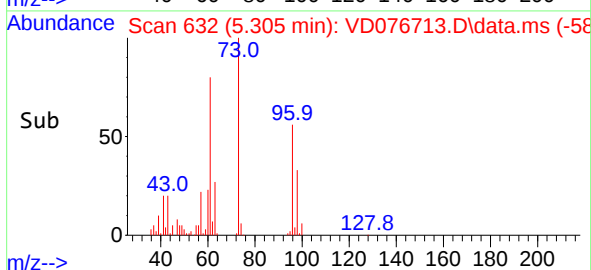
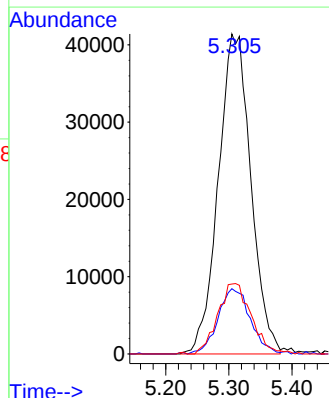
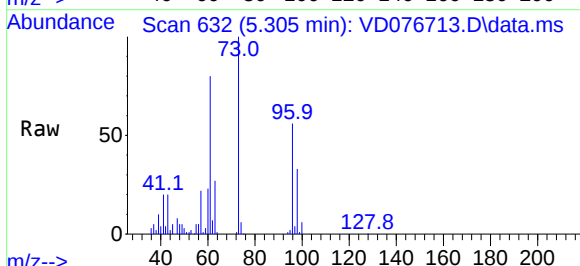
Tgt Ion: 73 Resp: 148309

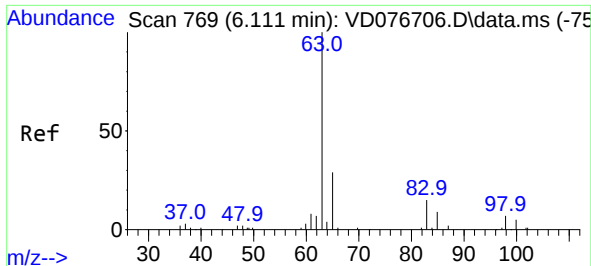
Ion Ratio Lower Upper

73 100

43 20.3 7.2 10.8#

57 0.0 18.6 28.0#





#19

1,1-Dichloroethane

Concen: 23.072 ug/L

RT: 6.105 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025172

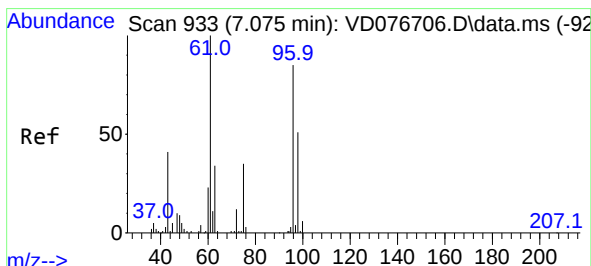
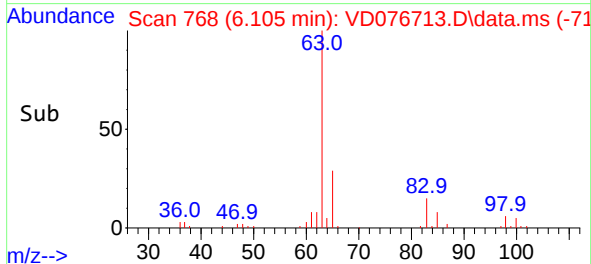
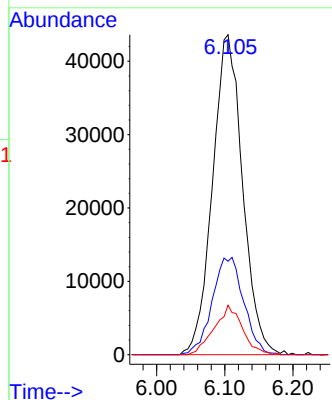
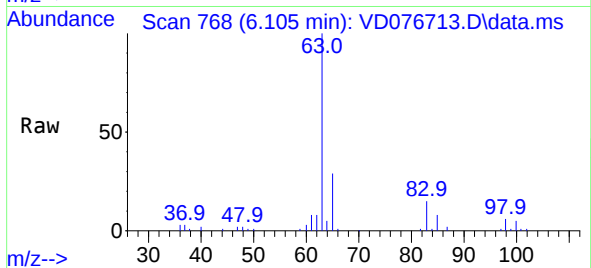
Tgt Ion: 63 Resp: 133624

Ion Ratio Lower Upper

63 100

65 29.2 20.8 38.6

83 15.5 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 22.810 ug/L

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

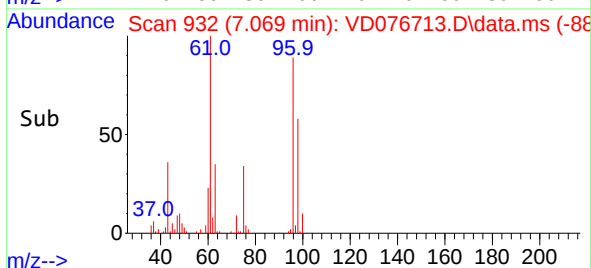
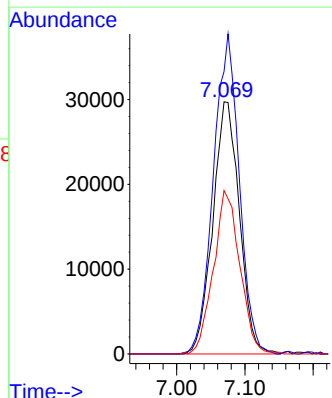
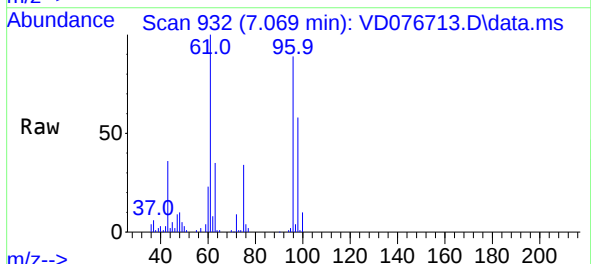
Tgt Ion: 96 Resp: 80699

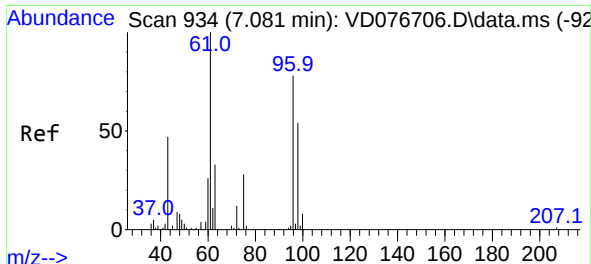
Ion Ratio Lower Upper

96 100

61 112.0 86.0 159.6

98 64.8 42.2 78.4

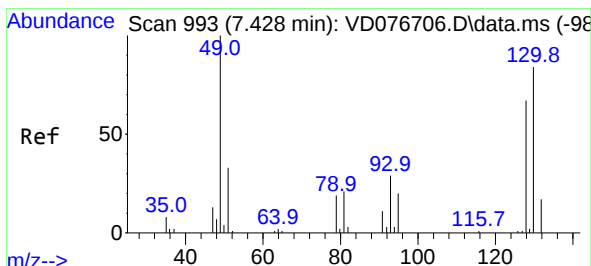
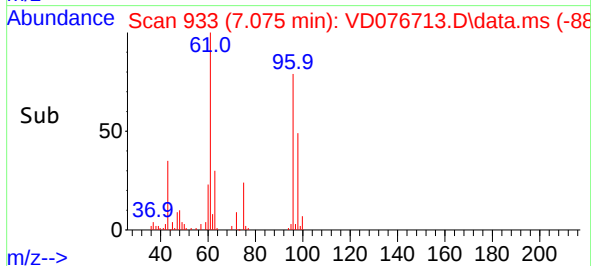
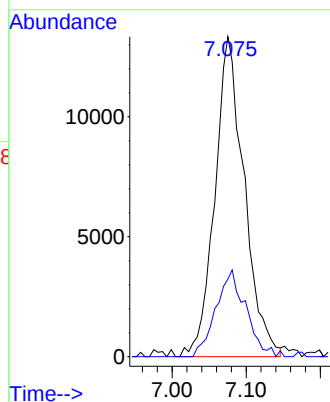
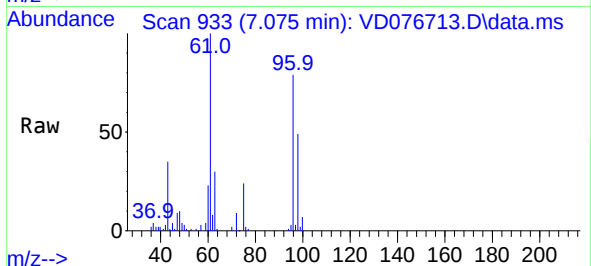




#22
2-Butanone
Concen: 34.913 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

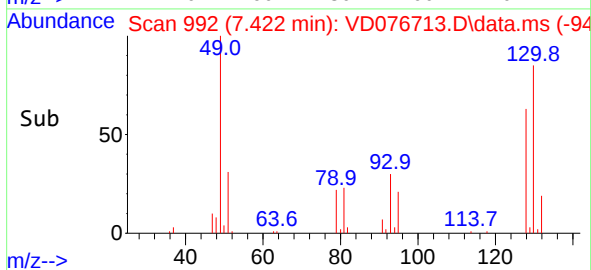
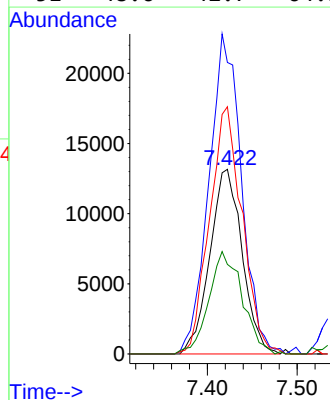
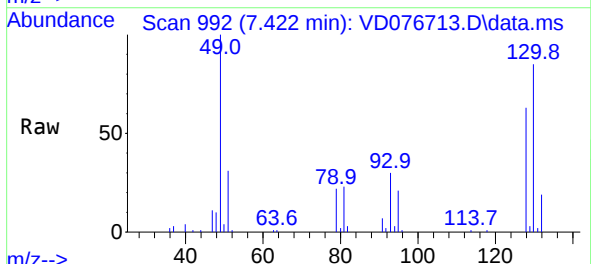
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

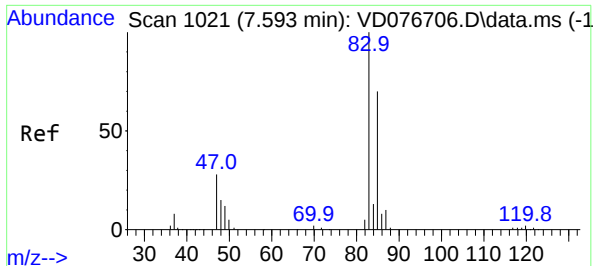
Tgt Ion: 43 Resp: 36747
Ion Ratio Lower Upper
43 100
72 27.1 12.9 38.7



#23
Bromochloromethane
Concen: 21.942 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 128 Resp: 32947
Ion Ratio Lower Upper
128 100
49 157.9 124.7 231.7
130 134.0 80.0 148.6
51 48.6 42.7 64.1

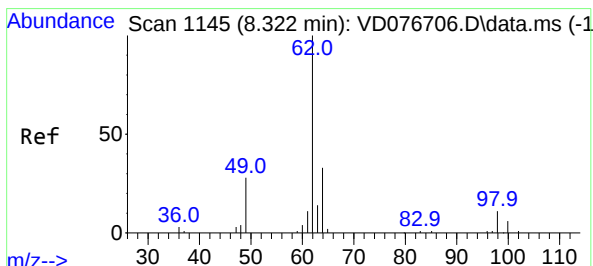
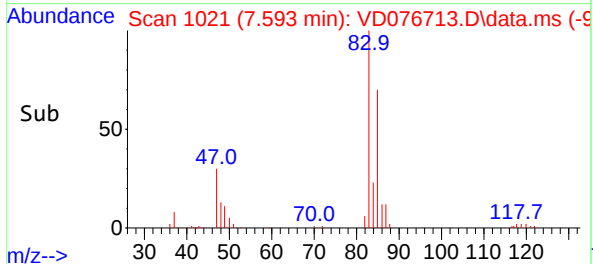
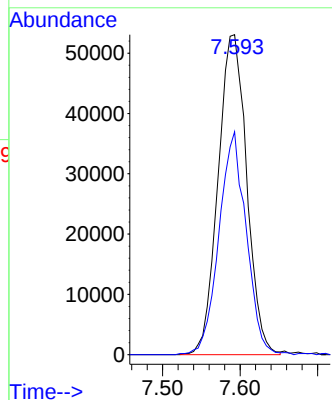
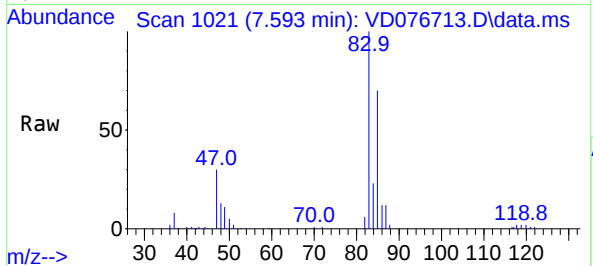




#25
Chloroform
Concen: 24.175 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

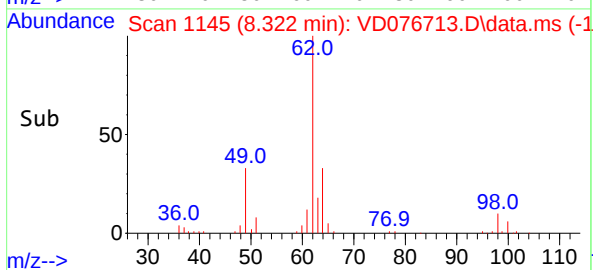
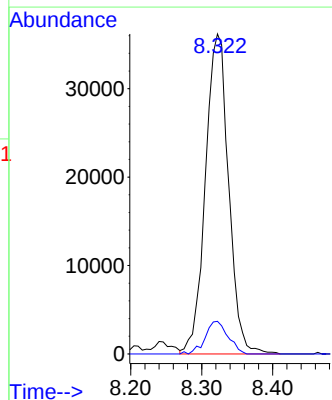
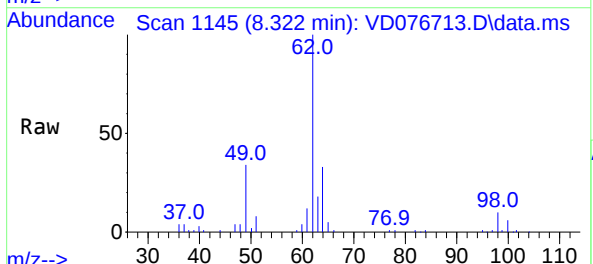
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

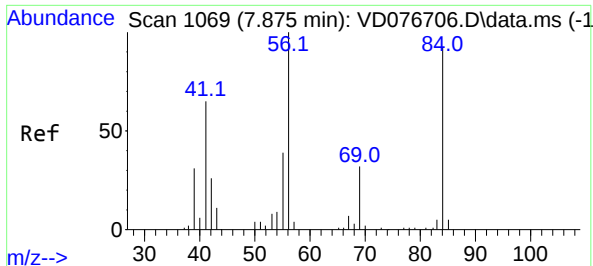
Tgt Ion: 83 Resp: 136643
Ion Ratio Lower Upper
83 100
85 69.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 23.671 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 62 Resp: 82280
Ion Ratio Lower Upper
62 100
98 10.2 8.7 13.1





#29

Cyclohexane

Concen: 21.393 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025172

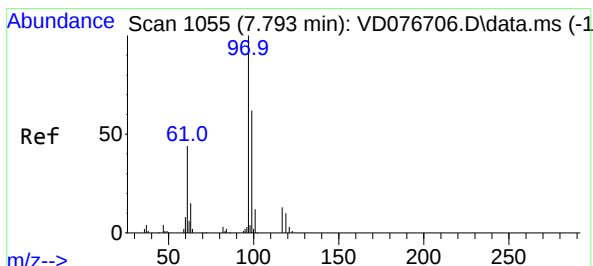
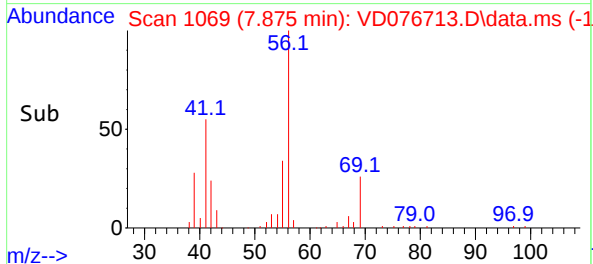
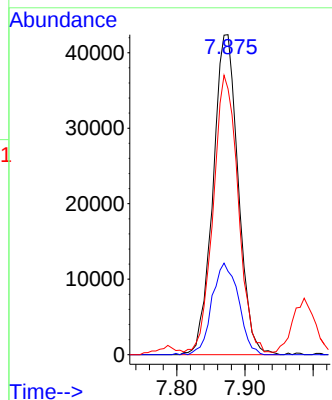
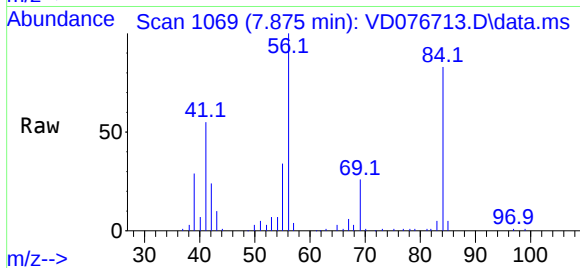
Tgt Ion: 56 Resp: 109138

Ion Ratio Lower Upper

56 100

69 30.0 23.4 35.0

84 84.6 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 26.711 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

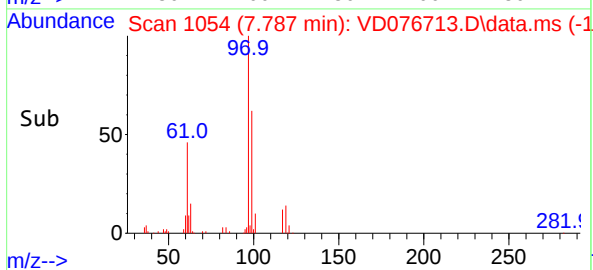
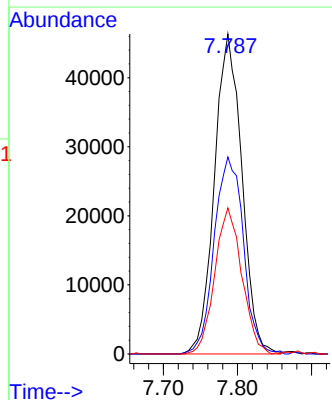
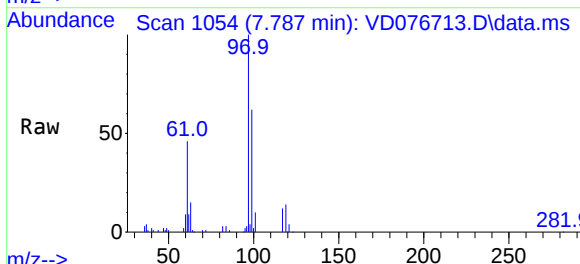
Tgt Ion: 97 Resp: 119048

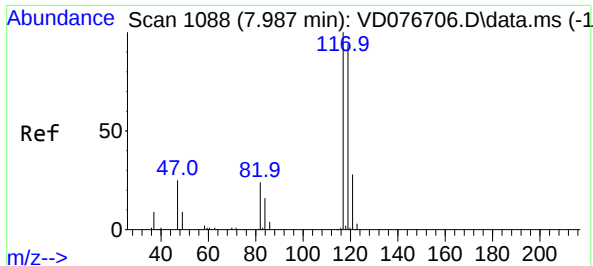
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.6

61 45.0 36.4 54.6

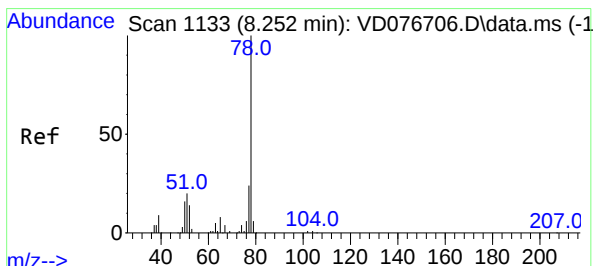
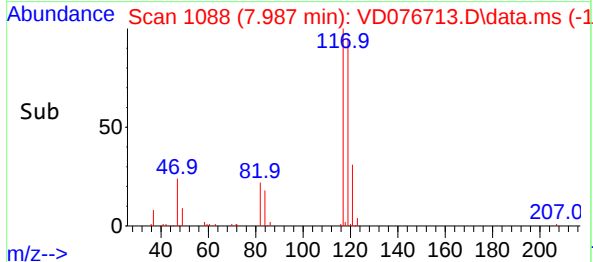
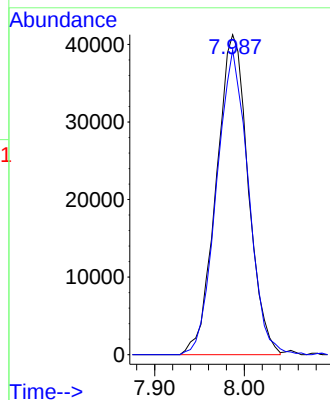
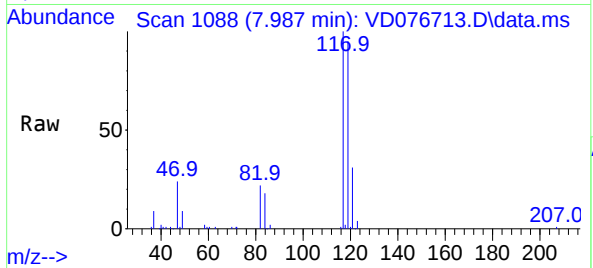




#31
Carbon tetrachloride
Concen: 28.578 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

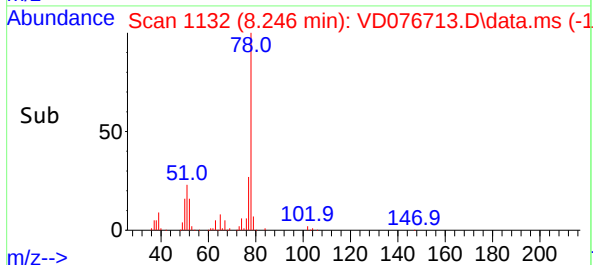
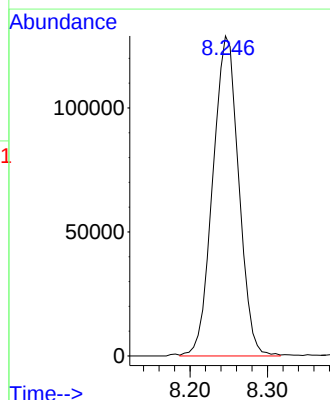
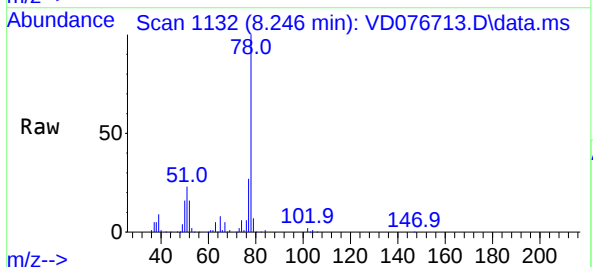
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

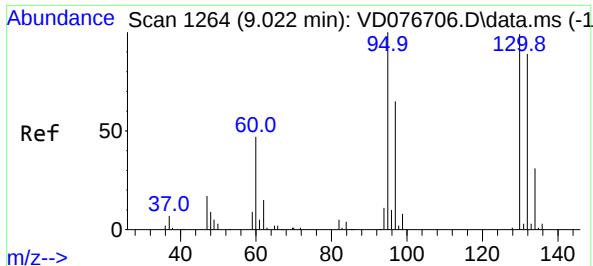
Tgt Ion:117 Resp: 101864
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6



#33
Benzene
Concen: 23.612 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 78 Resp: 299807





#34

Trichloroethene

Concen: 25.002 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025172

Tgt Ion: 95 Resp: 81551

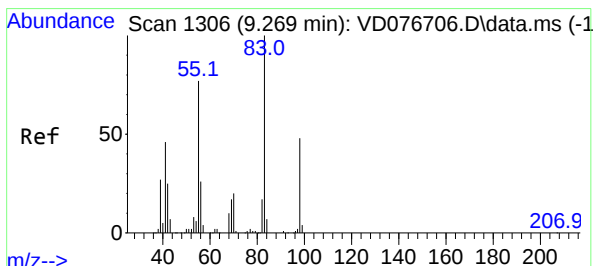
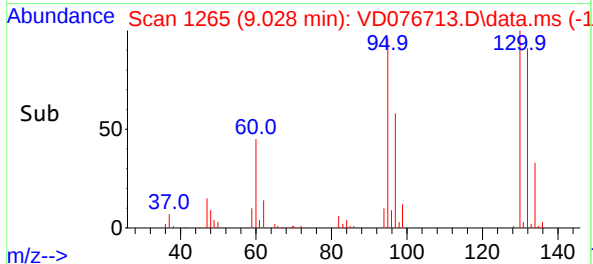
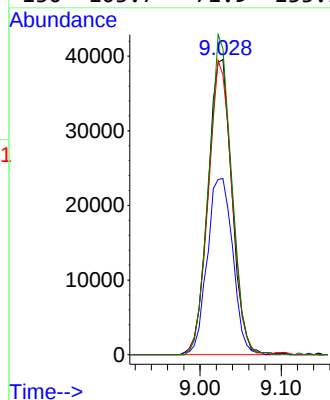
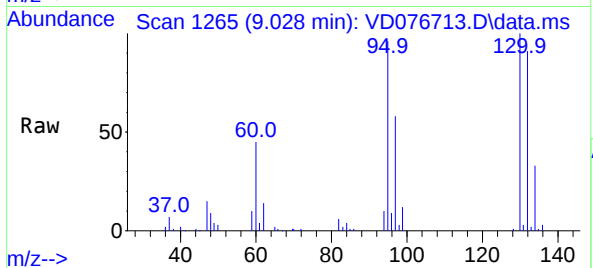
Ion Ratio Lower Upper

95 100

97 59.7 43.1 80.1

132 94.7 71.8 133.4

130 103.7 71.9 133.5



#35

Methylcyclohexane

Concen: 23.064 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

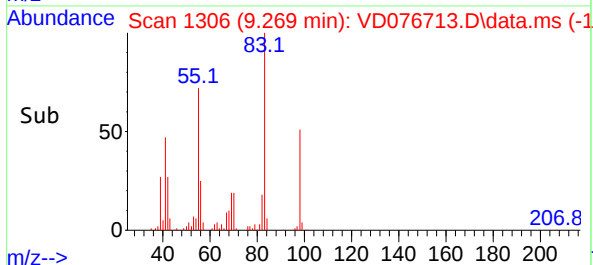
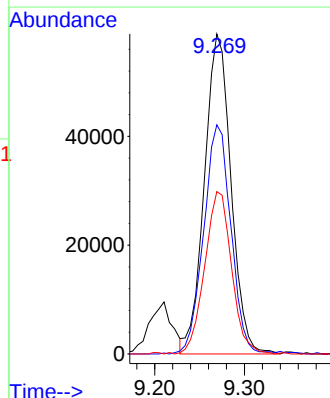
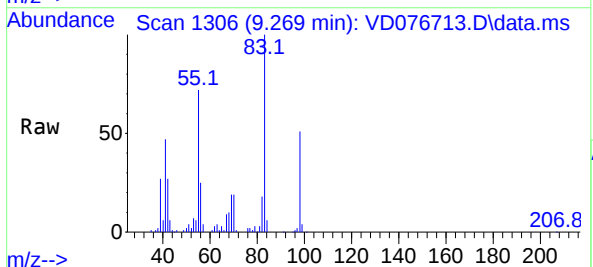
Tgt Ion: 83 Resp: 121311

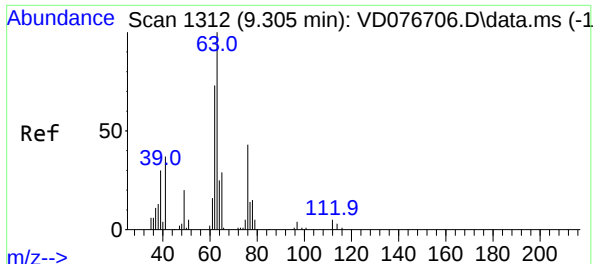
Ion Ratio Lower Upper

83 100

55 73.0 59.8 89.6

98 51.1 37.8 56.6

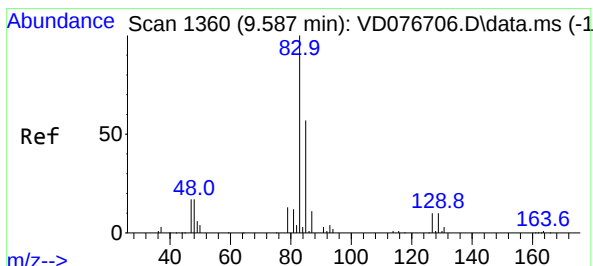
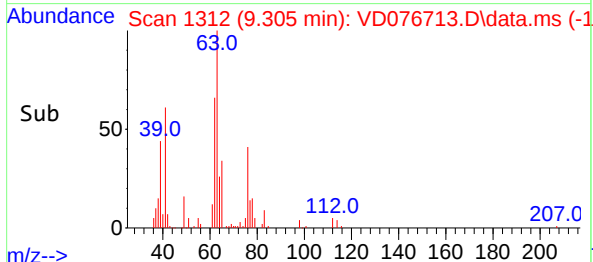
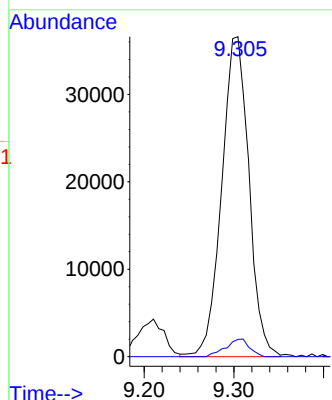
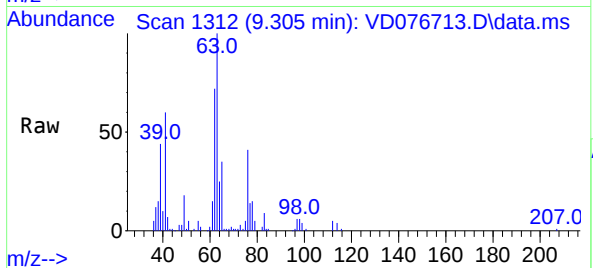




#37
1,2-Dichloropropane
Concen: 22.255 ug/L
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

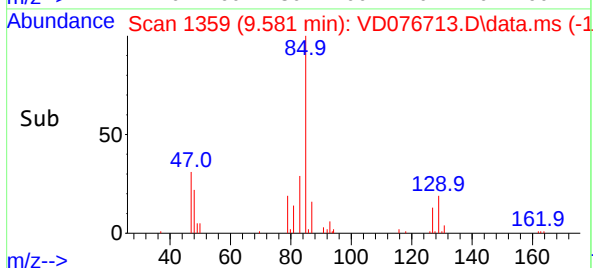
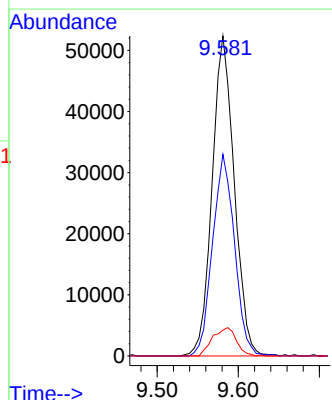
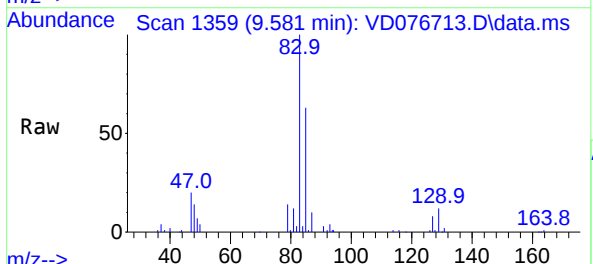
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

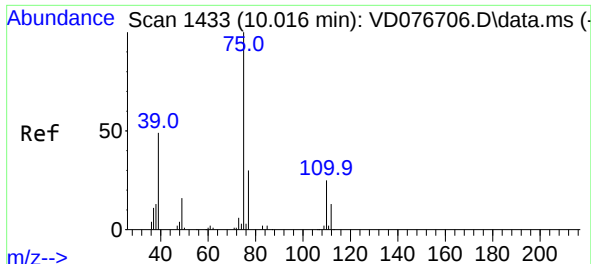
Tgt Ion: 63 Resp: 77041
Ion Ratio Lower Upper
63 100
112 4.8 3.1 4.7#



#38
Bromodichloromethane
Concen: 25.125 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 83 Resp: 99200
Ion Ratio Lower Upper
83 100
85 63.0 43.9 81.5
127 8.7 6.6 9.8

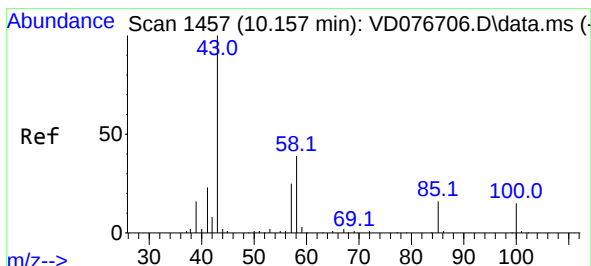
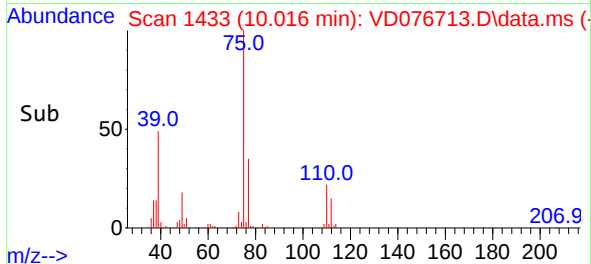
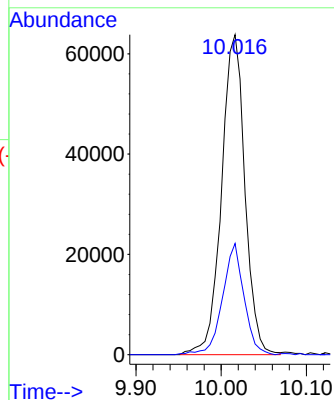
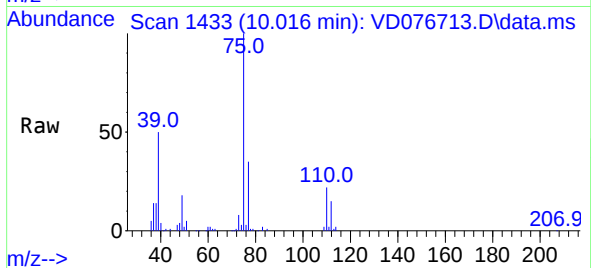




#39
cis-1,3-Dichloropropene
Concen: 23.020 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

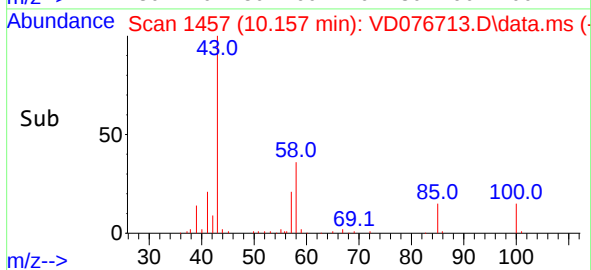
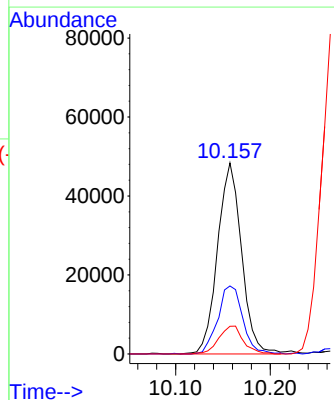
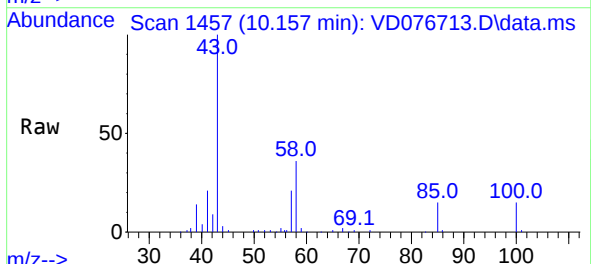
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

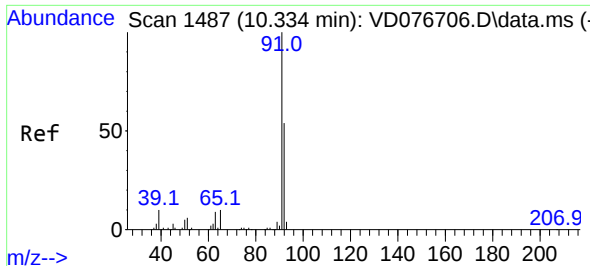
Tgt Ion: 75 Resp: 121684
Ion Ratio Lower Upper
75 100
77 34.7 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 39.602 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 43 Resp: 85284
Ion Ratio Lower Upper
43 100
58 36.9 30.7 46.1
100 14.9 11.0 16.4

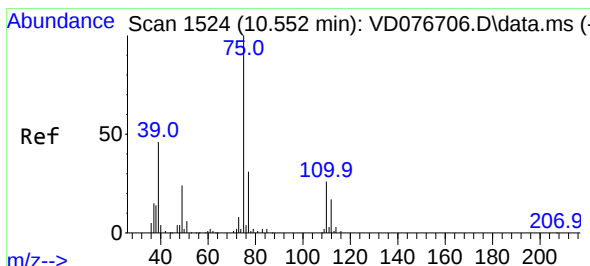
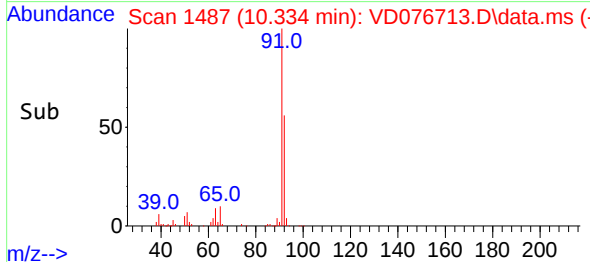
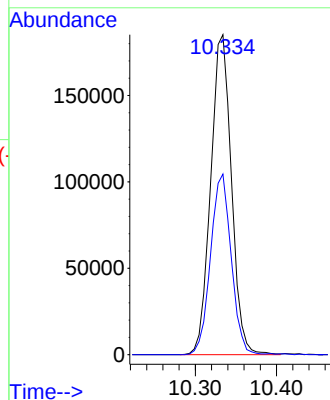
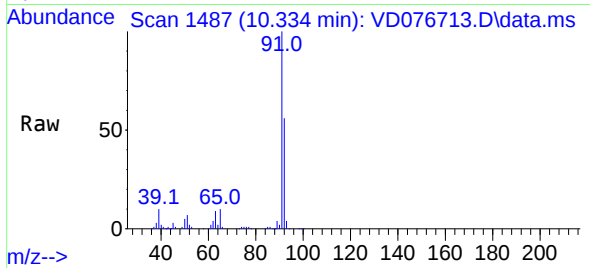




#42
Toluene
Concen: 24.237 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

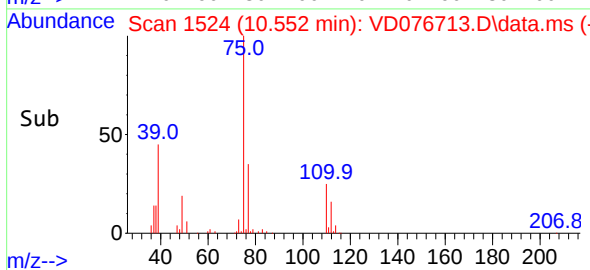
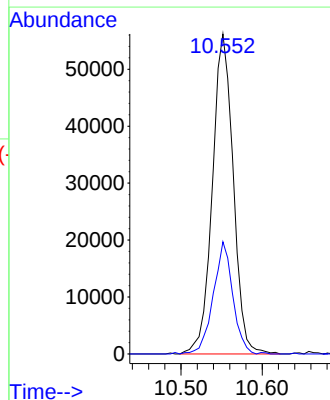
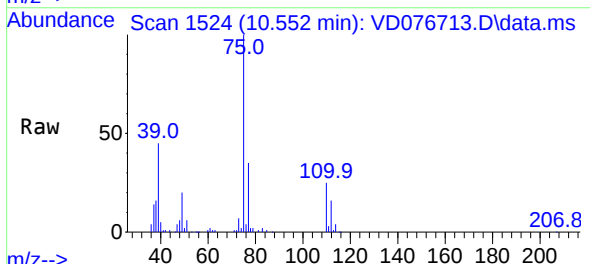
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

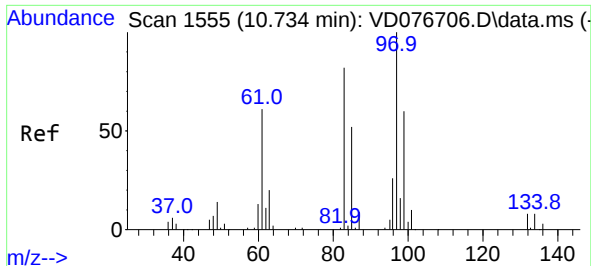
Tgt Ion: 91 Resp: 328869
Ion Ratio Lower Upper
91 100
92 56.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 23.388 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 75 Resp: 100488
Ion Ratio Lower Upper
75 100
77 35.1 22.5 41.7



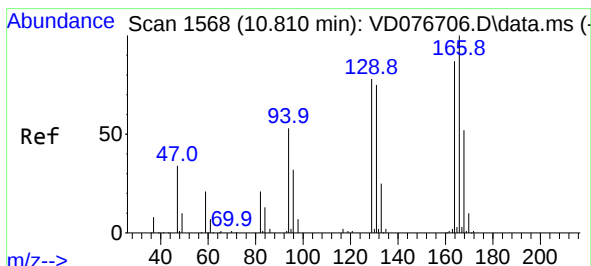
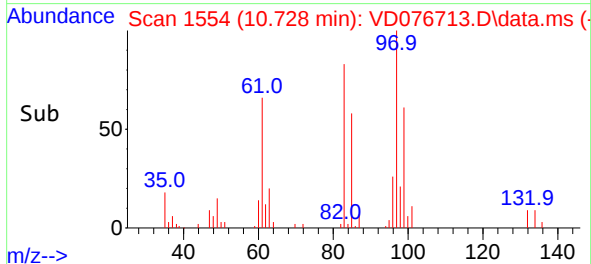
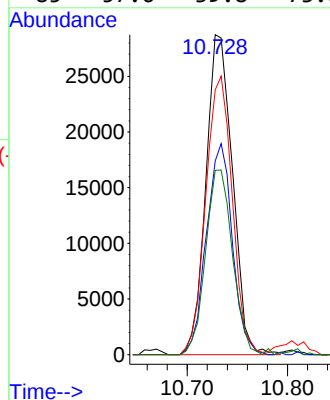
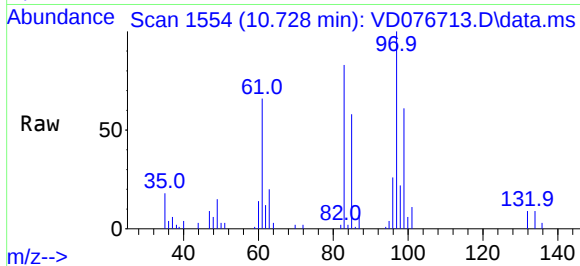


#45
1,1,2-Trichloroethane
Concen: 22.354 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

Tgt Ion: 97 Resp: 53078

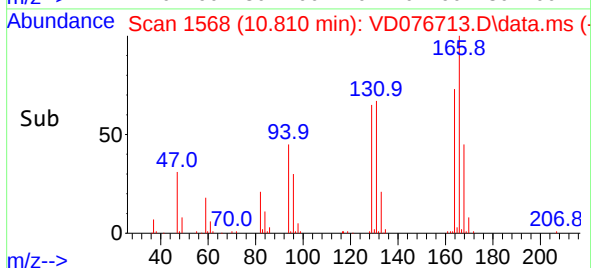
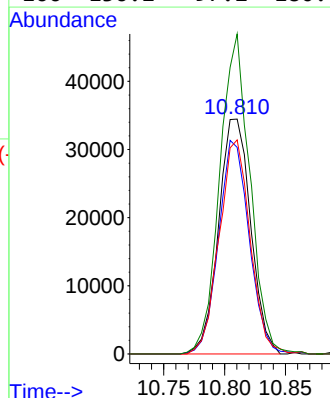
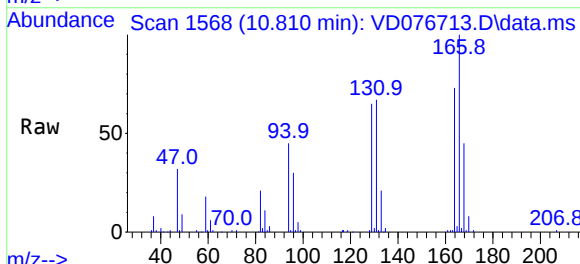
Ion	Ratio	Lower	Upper
97	100		
99	60.5	41.9	77.9
83	82.8	59.2	110.0
85	57.6	39.8	73.8

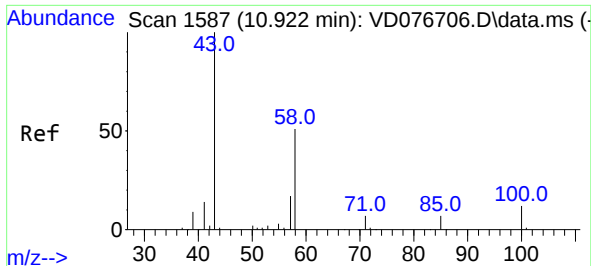


#46
Tetrachloroethene
Concen: 24.663 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:164 Resp: 63241

Ion	Ratio	Lower	Upper
164	100		
129	88.0	65.5	121.6
131	91.1	64.8	120.3
166	136.2	97.2	180.4

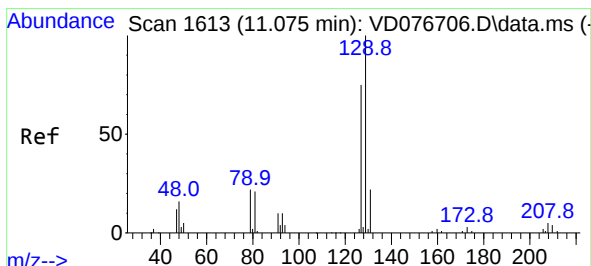
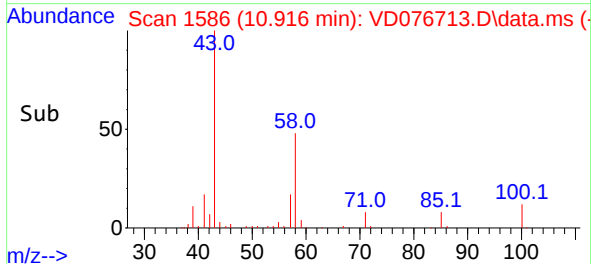
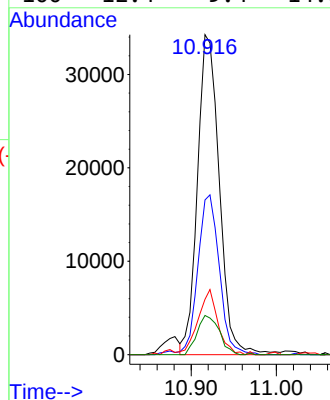
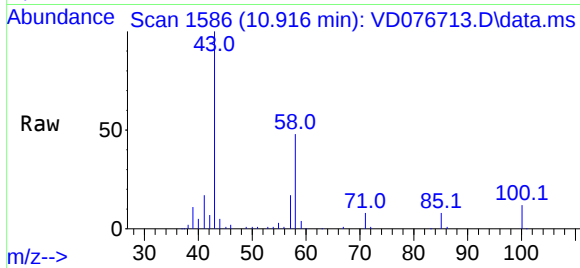




#48
2-Hexanone
Concen: 41.449 ug/L
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

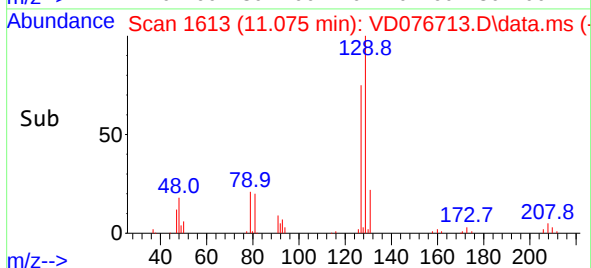
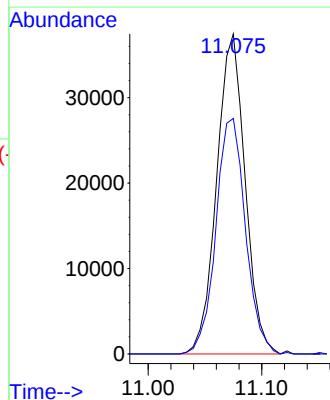
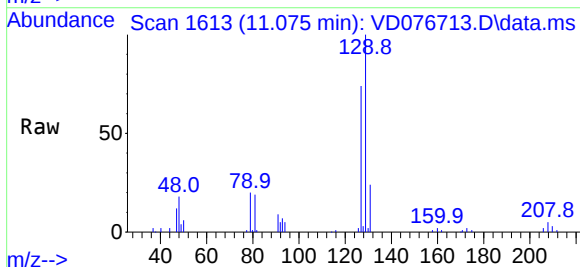
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

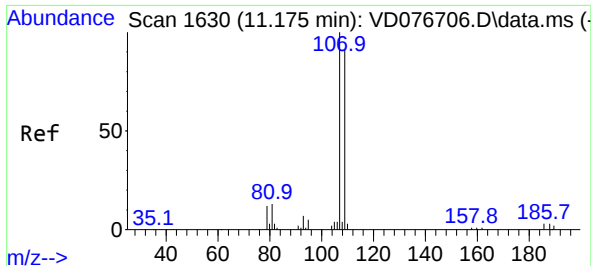
Tgt Ion: 43 Resp: 61133
Ion Ratio Lower Upper
43 100
58 48.9 42.9 64.3
57 18.6 13.7 20.5
100 12.4 9.4 14.0



#49
Dibromochloromethane
Concen: 24.156 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 129 Resp: 65182
Ion Ratio Lower Upper
129 100
127 73.6 55.2 102.6

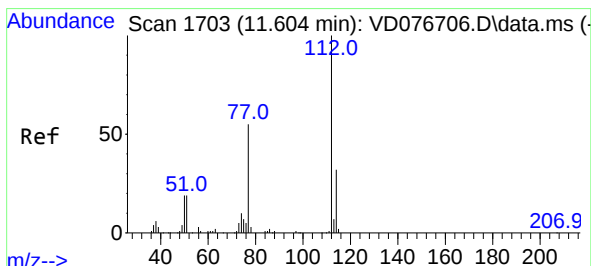
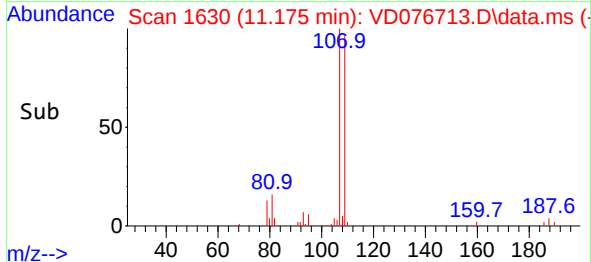
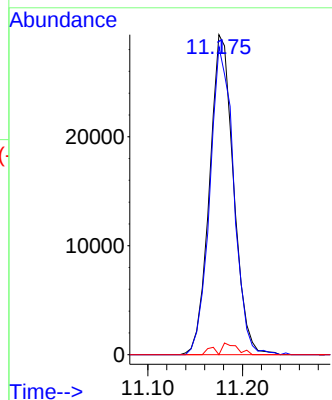
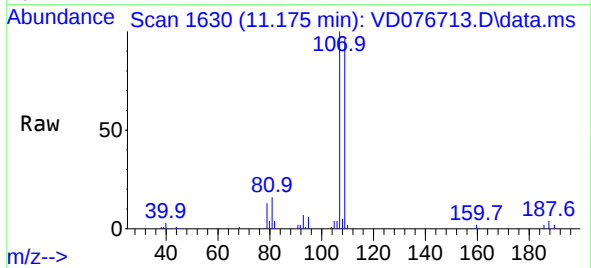




#50
1,2-Dibromoethane
Concen: 22.471 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

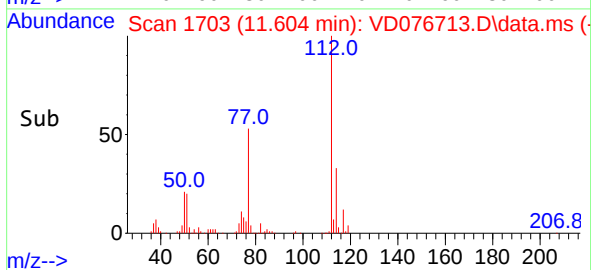
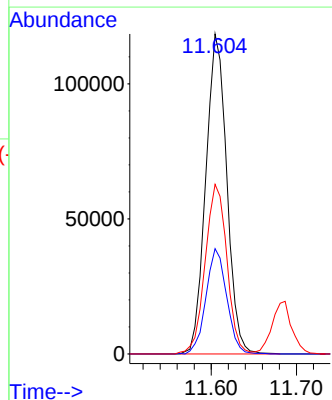
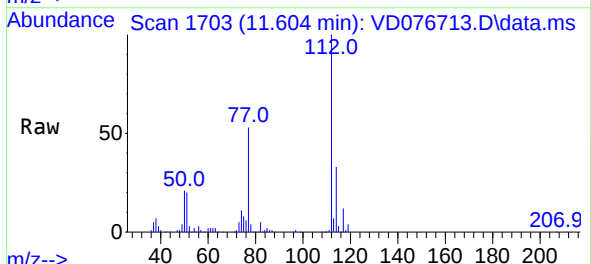
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

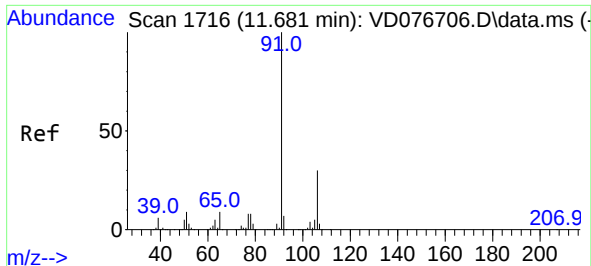
Tgt Ion:107 Resp: 51786
Ion Ratio Lower Upper
107 100
109 96.3 58.8 109.2
188 0.0 2.9 4.3#



#51
Chlorobenzene
Concen: 23.944 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:112 Resp: 202837
Ion Ratio Lower Upper
112 100
114 32.9 21.5 39.9
77 53.0 43.4 65.2

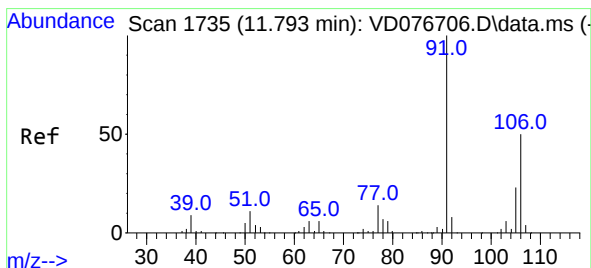
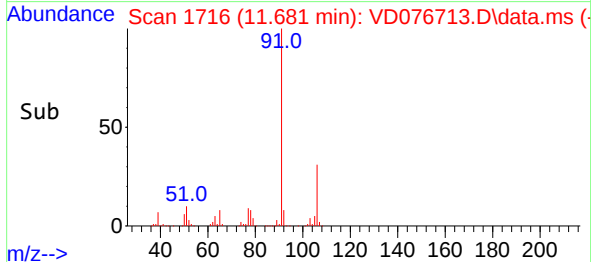
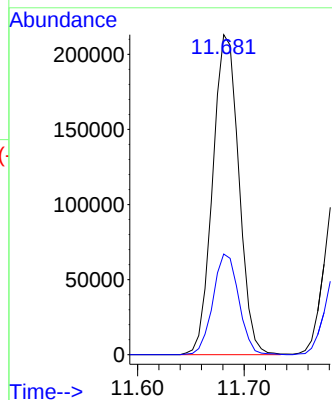
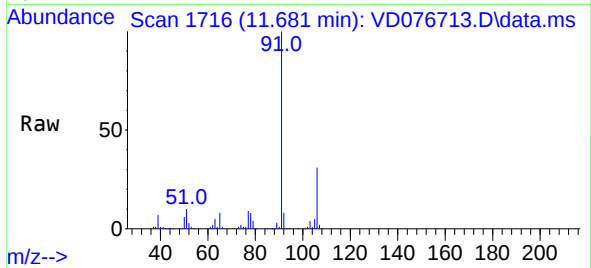




#52
Ethylbenzene
Concen: 24.857 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

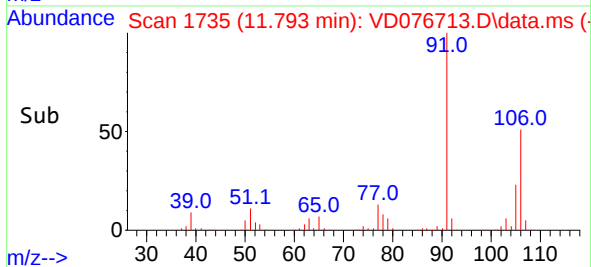
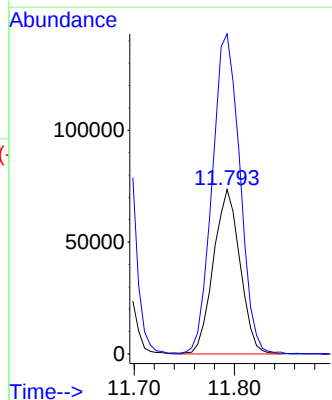
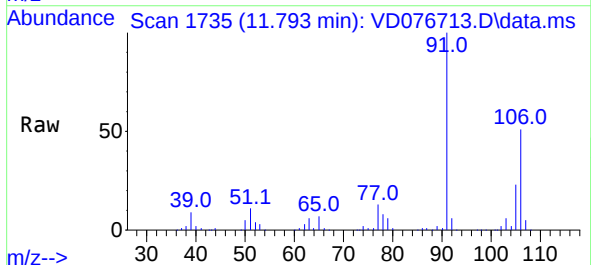
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

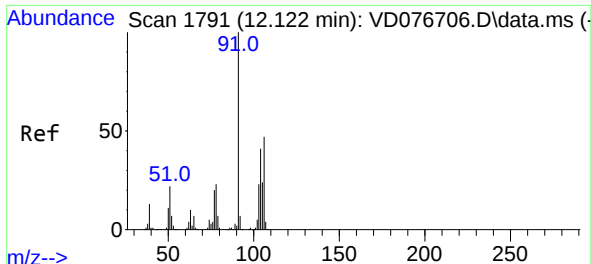
Tgt Ion: 91 Resp: 363542
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 23.582 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 106 Resp: 135536
Ion Ratio Lower Upper
106 100
91 194.5 141.5 262.9

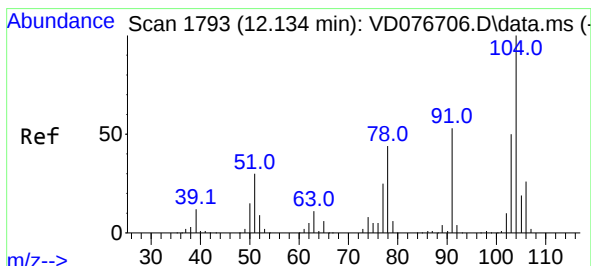
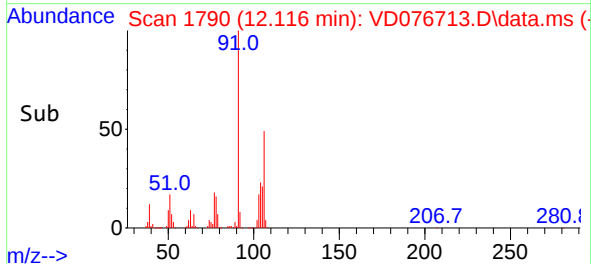
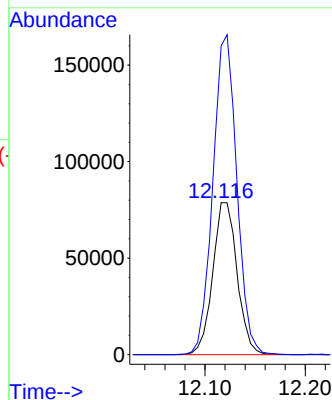
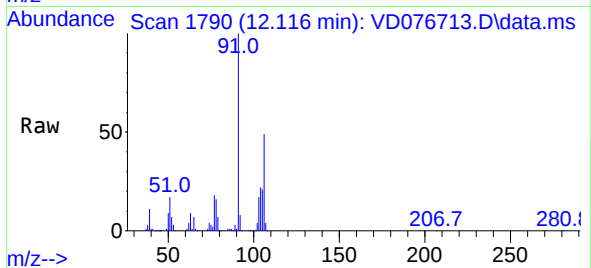




#54
o-Xylene
Concen: 24.323 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

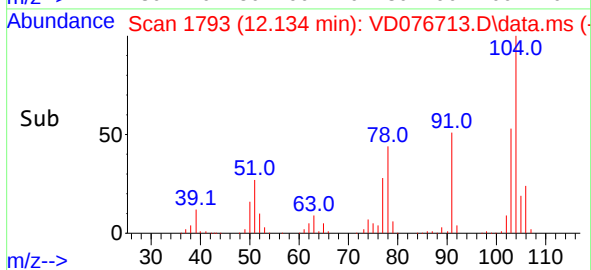
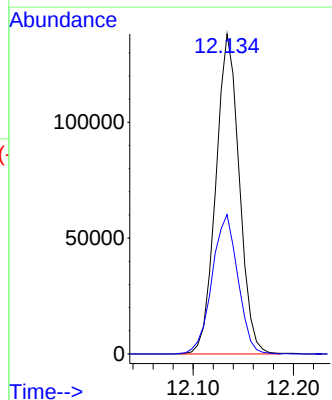
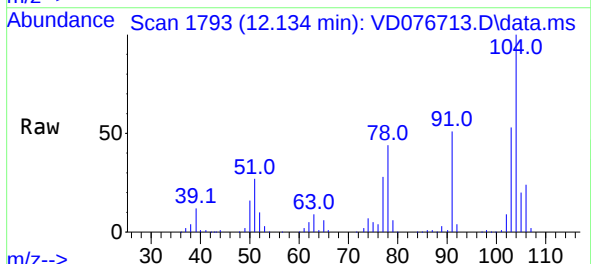
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

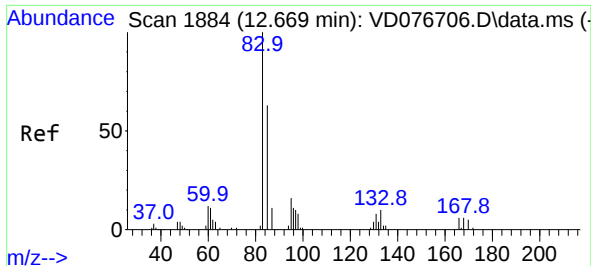
Tgt Ion:106 Resp: 133109
Ion Ratio Lower Upper
106 100
91 203.2 142.2 264.2



#55
Styrene
Concen: 23.711 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:104 Resp: 224181
Ion Ratio Lower Upper
104 100
78 43.6 31.3 58.1

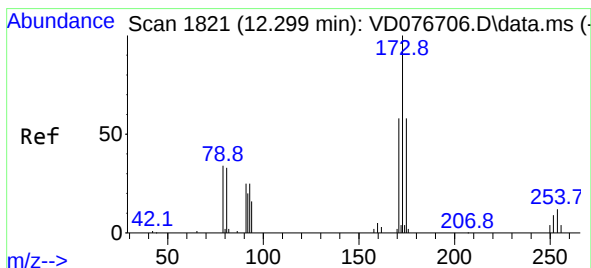
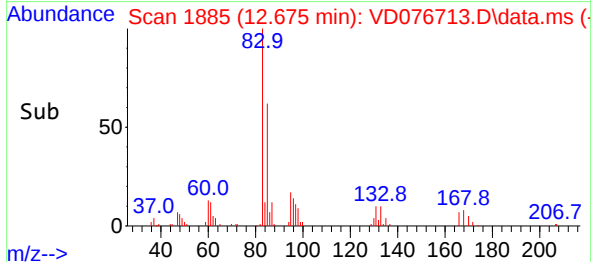
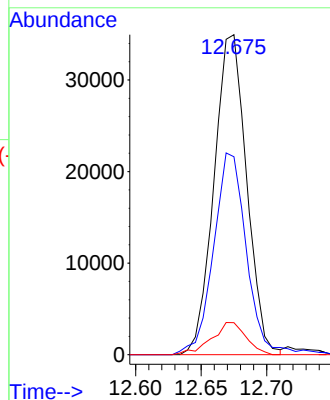
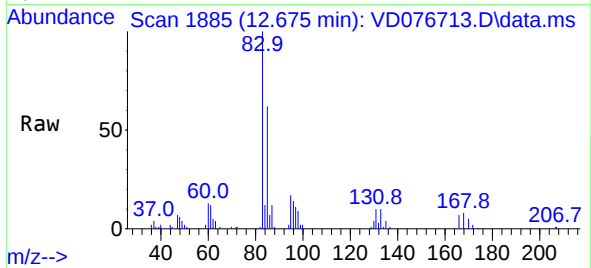




#57
1,1,2,2-Tetrachloroethane
Concen: 22.269 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

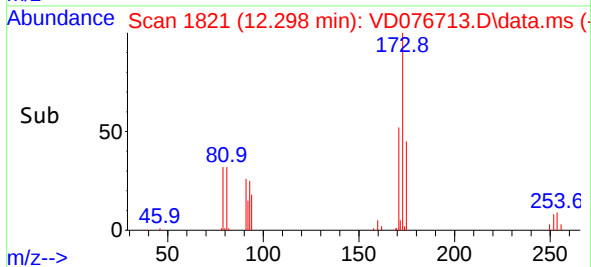
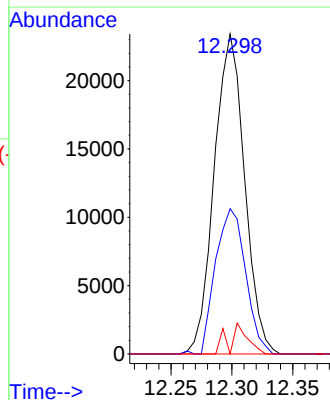
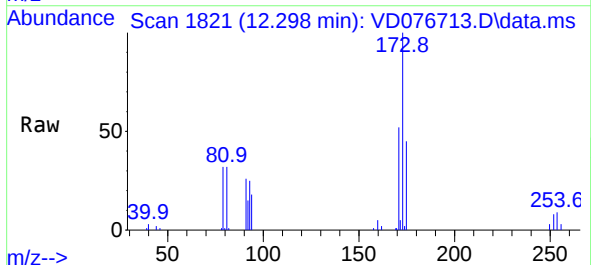
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

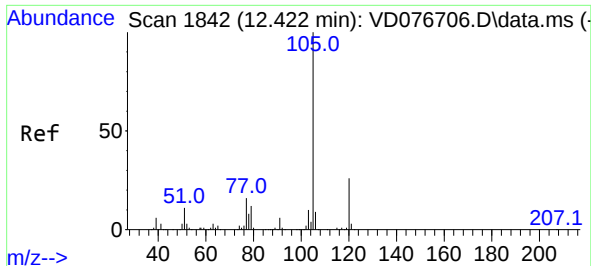
Tgt Ion: 83 Resp: 60429
Ion Ratio Lower Upper
83 100
85 61.8 46.3 86.1
131 10.0 7.0 10.4



#59
Bromoform
Concen: 24.035 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 173 Resp: 40602
Ion Ratio Lower Upper
173 100
175 44.8 39.0 58.4
254 4.2 5.3 7.9#

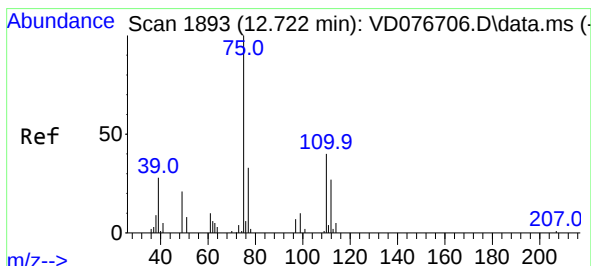
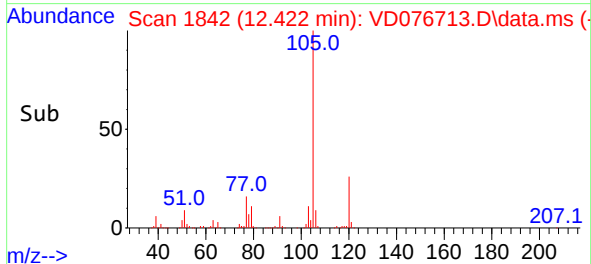
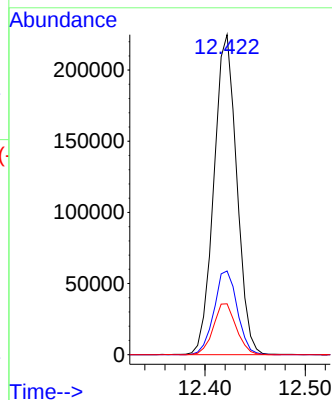
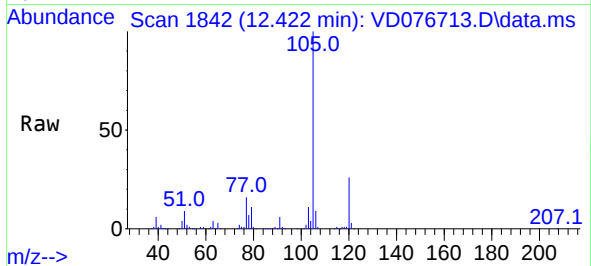




#60
Isopropylbenzene
Concen: 24.650 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

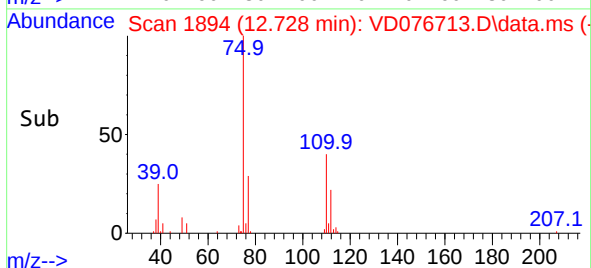
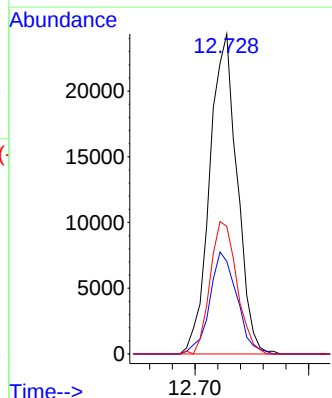
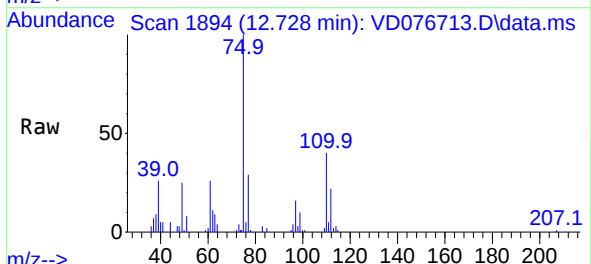
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

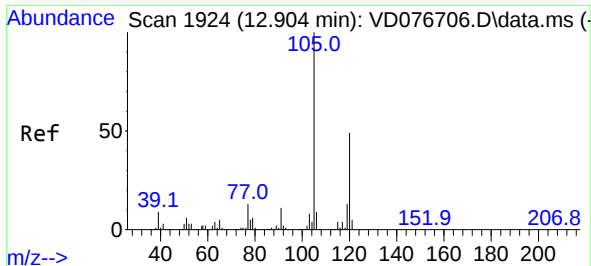
Tgt Ion:105 Resp: 355779
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 22.304 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion: 75 Resp: 40845
Ion Ratio Lower Upper
75 100
77 31.6 27.2 40.8
110 40.2 31.8 47.6

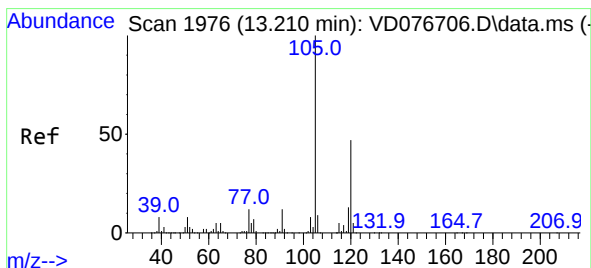
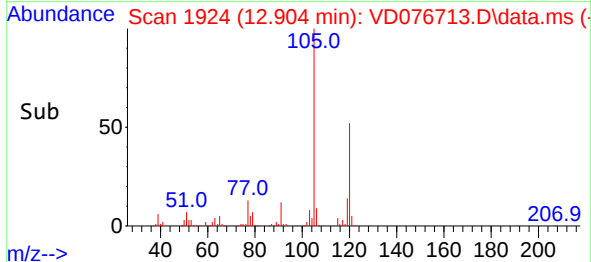
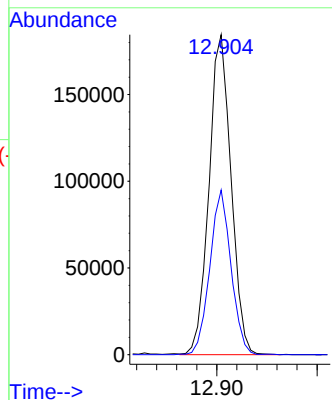
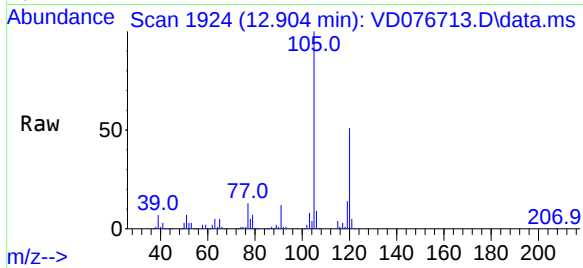




#62
 1,3,5-Trimethylbenzene
 Concen: 24.444 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD076713.D
 Acq: 05 Jul 2023 15:11

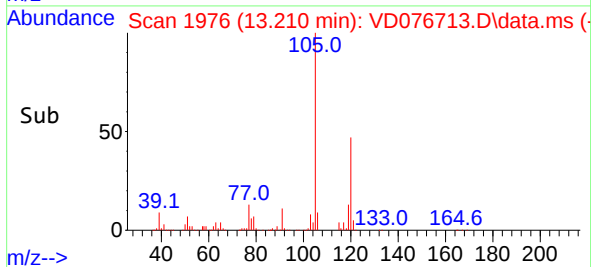
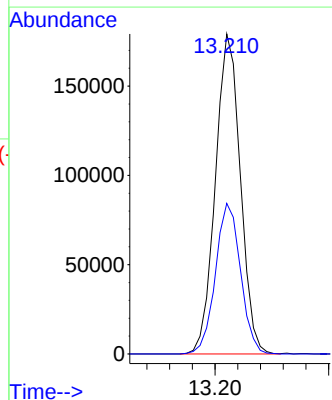
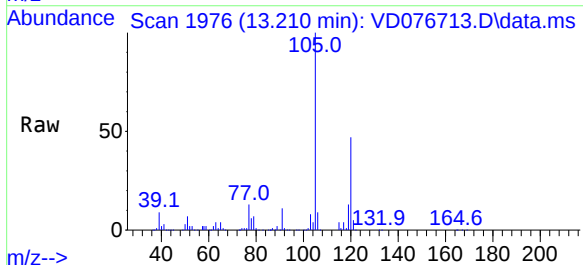
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025172

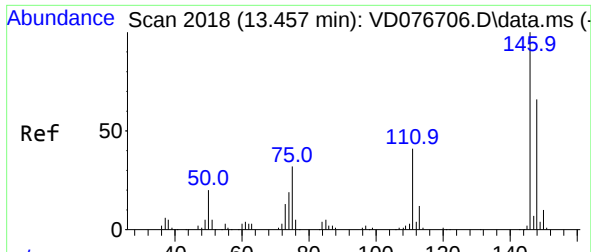
Tgt Ion:105 Resp: 282275
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.980 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076713.D
 Acq: 05 Jul 2023 15:11

Tgt Ion:105 Resp: 273254
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.5 56.3

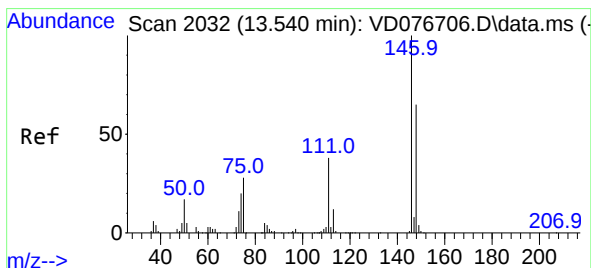
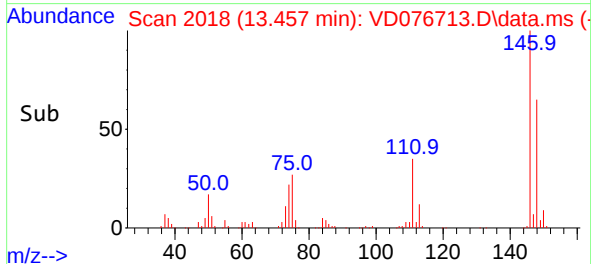
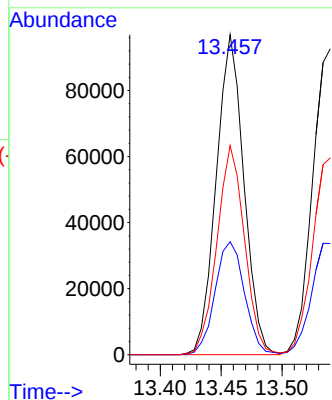
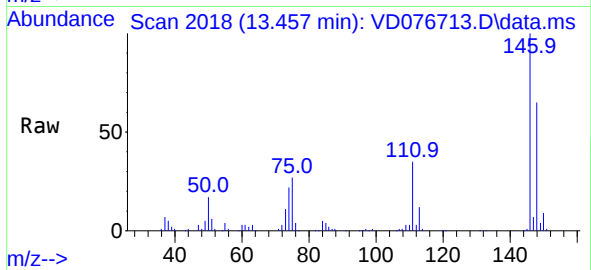




#64
1,3-Dichlorobenzene
Concen: 23.846 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

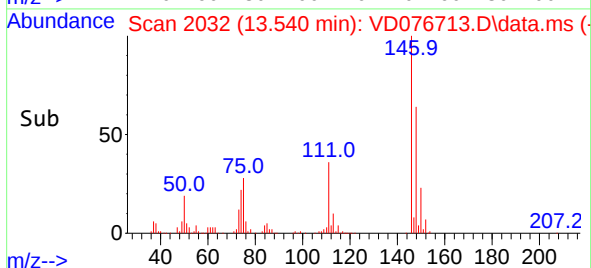
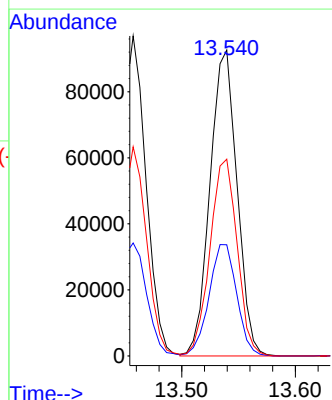
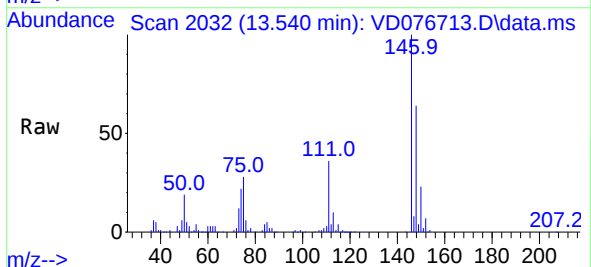
Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

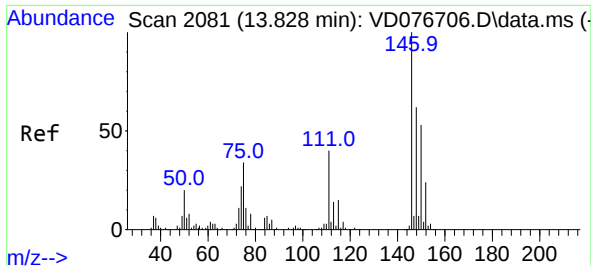
Tgt Ion:146 Resp: 153117
Ion Ratio Lower Upper
146 100
111 35.3 25.6 47.4
148 65.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 23.715 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:146 Resp: 153496
Ion Ratio Lower Upper
146 100
111 36.3 25.7 47.7
148 64.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.232 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

VSTD025172

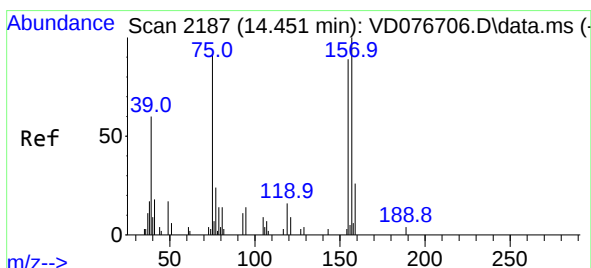
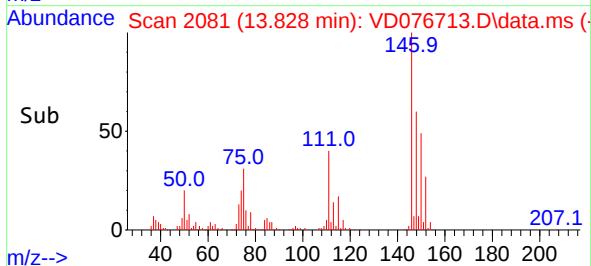
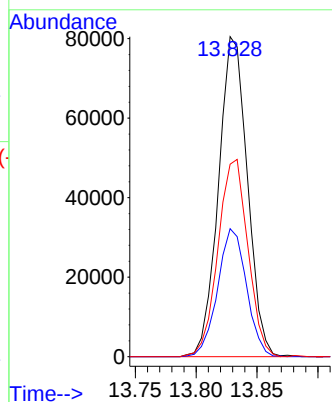
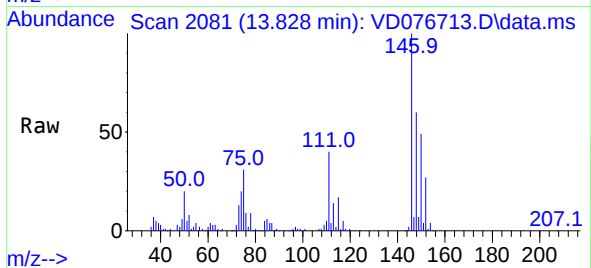
Tgt Ion:146 Resp: 132893

Ion Ratio Lower Upper

146 100

111 40.0 31.3 46.9

148 60.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 20.090 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076713.D

Acq: 05 Jul 2023 15:11

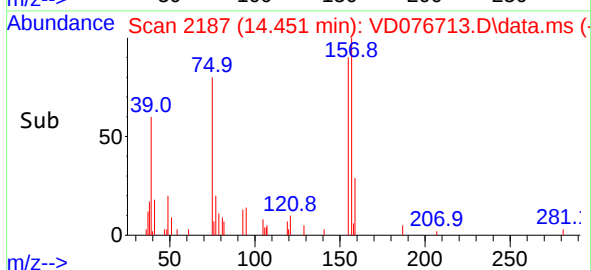
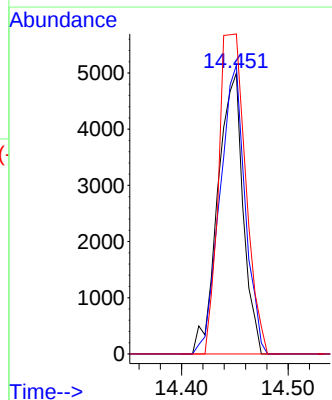
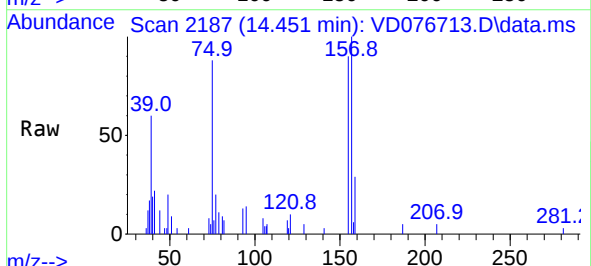
Tgt Ion: 75 Resp: 8199

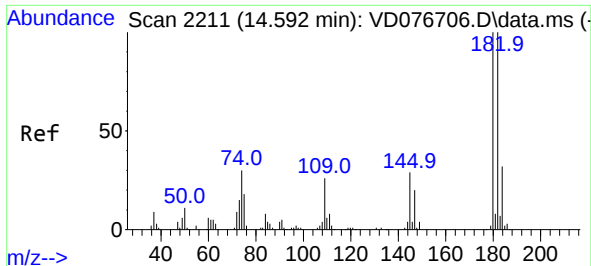
Ion Ratio Lower Upper

75 100

155 102.8 76.2 114.4

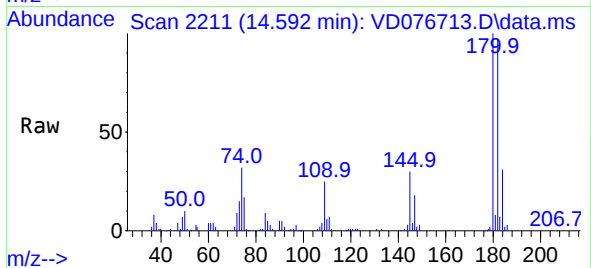
157 114.0 89.4 134.2



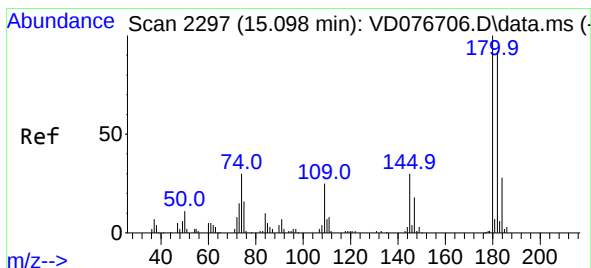
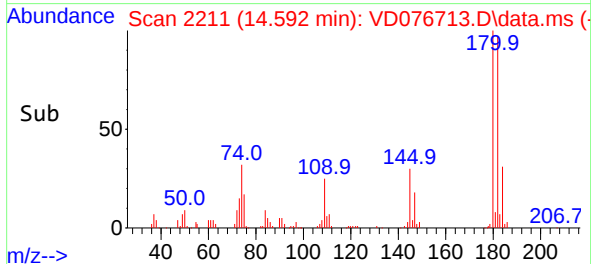
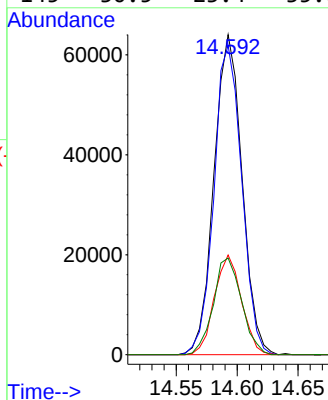


#69
1,3,5-Trichlorobenzene
Concen: 23.950 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

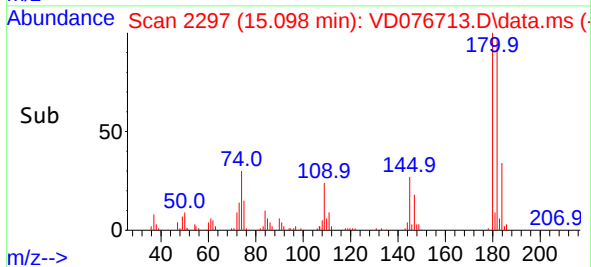
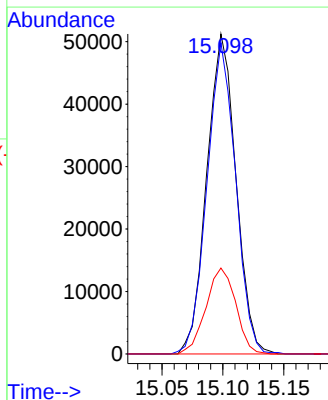
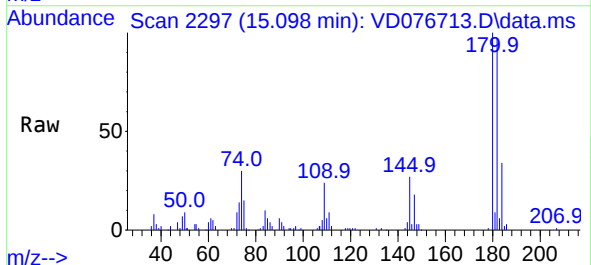


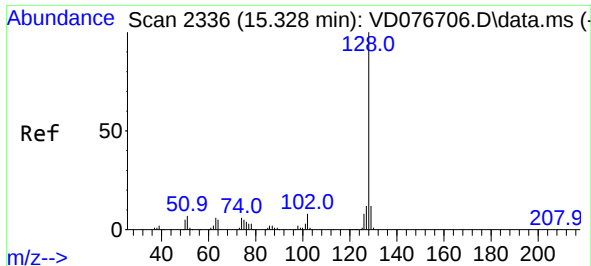
Tgt Ion:180 Resp: 102578
Ion Ratio Lower Upper
180 100
182 95.5 77.1 115.7
184 30.1 25.0 37.4
145 30.5 23.4 35.0



#70
1,2,4-trichlorobenzene
Concen: 22.375 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:180 Resp: 85265
Ion Ratio Lower Upper
180 100
182 95.3 76.9 115.3
145 27.5 23.5 35.3

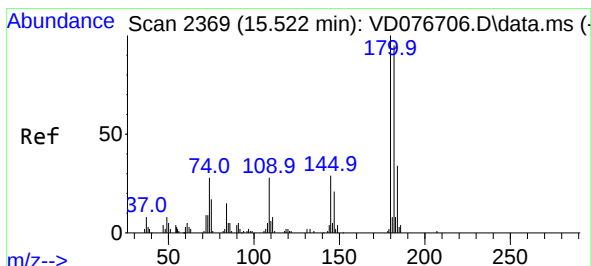
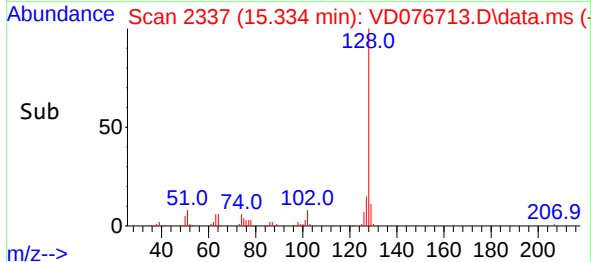
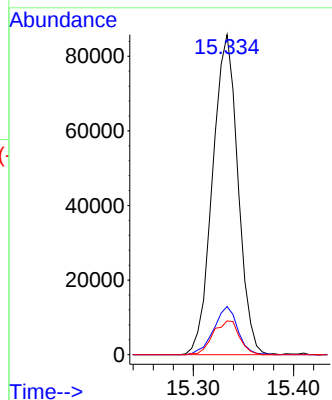
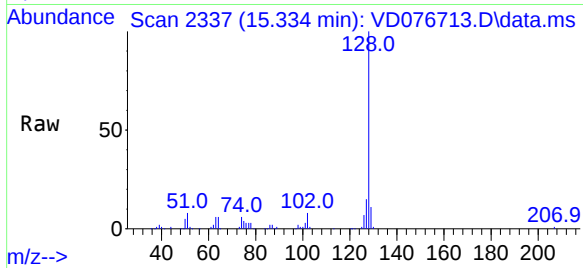




#71
Naphthalene
Concen: 20.629 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025172

Tgt Ion:128 Resp: 150514
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.326 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076713.D
Acq: 05 Jul 2023 15:11

Tgt Ion:180 Resp: 73883
Ion Ratio Lower Upper
180 100
182 97.3 74.3 111.5
145 31.9 25.0 37.6

