

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075854.D
 Acq On : 27 Apr 2023 11:12
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025135

Quant Time: Apr 28 02:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	415245	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	379245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	186769	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	226982	24.917	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.680%
7) Chloroethane-d5	2.805	69	192992	24.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	3.916	65	51638	24.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.360%
21) 2-Butanone-d5	6.981	46	40737	51.513	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.020%
24) Chloroform-d	7.569	84	259851	25.024	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	8.228	65	113796	25.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.204	84	563459	25.491	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.960%
36) 1,2-Dichloropropane-d6	9.210	67	150579	24.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.440%
41) Toluene-d8	10.269	98	532613	25.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.960%
43) trans-1,3-Dichloroprop...	10.528	79	63123	24.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.875	63	39092	53.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	121584	25.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	158249	23.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	162943	28.465	ug/L	99
3) Chloromethane	2.146	50	200421	25.115	ug/L	98
5) Vinyl chloride	2.287	62	276705	26.531	ug/L	99
6) Bromomethane	2.693	94	179703	25.642	ug/L	97
8) Chloroethane	2.840	64	174261	25.835	ug/L	99
9) Trichlorofluoromethane	3.175	101	227176	27.109	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	158508	28.155	ug/L	99
12) 1,1-Dichloroethene	3.940	96	144059	26.385	ug/L	91
13) Acetone	4.016	43	36053	53.274	ug/L	98
14) Carbon disulfide	4.275	76	493721	25.890	ug/L	99
15) Methyl Acetate	4.569	43	37814	25.782	ug/L #	52
16) Methylene chloride	4.799	84	171260	20.331	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	156024	25.485	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	245597	25.009	ug/L	99
19) 1,1-Dichloroethane	6.116	63	236877	26.412	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	162953	25.172	ug/L	97
22) 2-Butanone	7.081	43	48064	54.478	ug/L	97
23) Bromochloromethane	7.428	128	75795	25.247	ug/L #	94
25) Chloroform	7.599	83	262135	26.079	ug/L	99

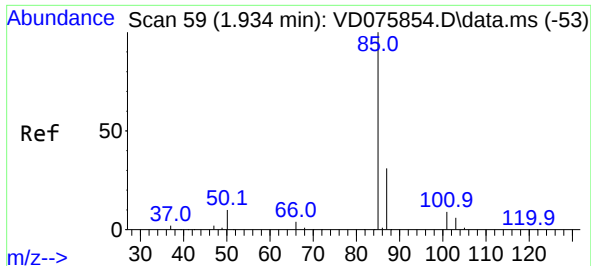
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
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Quant Time: Apr 28 02:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	136588	26.326	ug/L	100
29) Cyclohexane	7.881	56	188338	29.009	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	217281	27.079	ug/L	100
31) Carbon tetrachloride	7.993	117	176726	27.453	ug/L	99
33) Benzene	8.251	78	614136	26.771	ug/L	100
34) Trichloroethene	9.028	95	153760	25.919	ug/L	98
35) Methylcyclohexane	9.275	83	259975	28.424	ug/L	100
37) 1,2-Dichloropropane	9.304	63	143467	27.226	ug/L	99
38) Bromodichloromethane	9.587	83	186579	26.260	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	221918	26.481	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	104620	54.454	ug/L	99
42) Toluene	10.334	91	694477	27.975	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	176926	26.280	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	115236	25.705	ug/L	97
46) Tetrachloroethene	10.810	164	128633	26.436	ug/L	94
48) 2-Hexanone	10.922	43	73751	54.451	ug/L	95
49) Dibromochloromethane	11.075	129	125433	25.701	ug/L	98
50) 1,2-Dibromoethane	11.181	107	104834	25.938	ug/L	99
51) Chlorobenzene	11.610	112	425343	26.190	ug/L	99
52) Ethylbenzene	11.687	91	694136	27.268	ug/L	99
53) m,p-Xylene	11.792	106	285910	28.206	ug/L	98
54) o-Xylene	12.122	106	265706	27.598	ug/L	98
55) Styrene	12.139	104	473881	28.280	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	117924	25.853	ug/L	99
59) Bromoform	12.298	173	70691	24.696	ug/L	97
60) Isopropylbenzene	12.422	105	682246	27.549	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	76773	26.167	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	515418	27.910	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	500691	28.126	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	310999	26.246	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	319255	25.671	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	275345	26.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	15211	25.934	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	181106	22.803	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	145620	22.125	ug/L	99
71) Naphthalene	15.333	128	271857	22.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	134006	22.809	ug/L	99

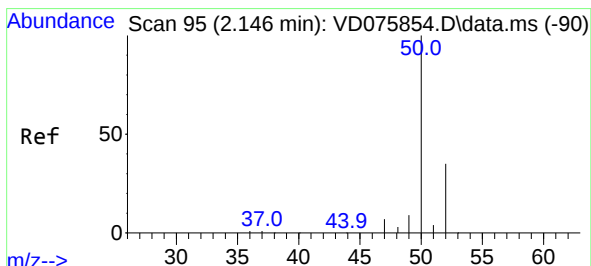
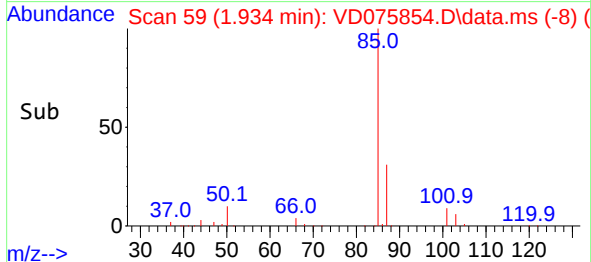
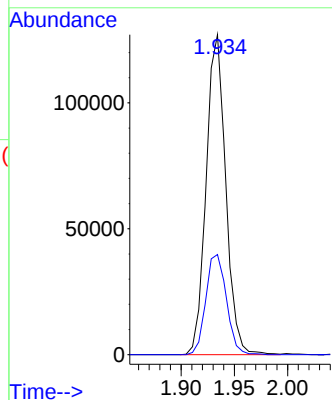
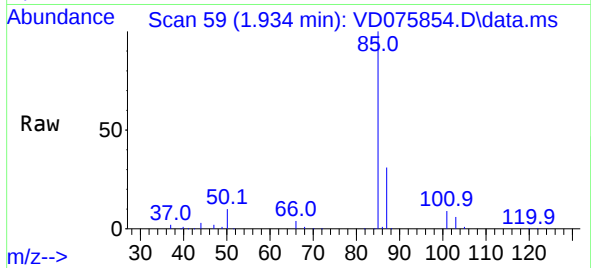
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 28.465 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

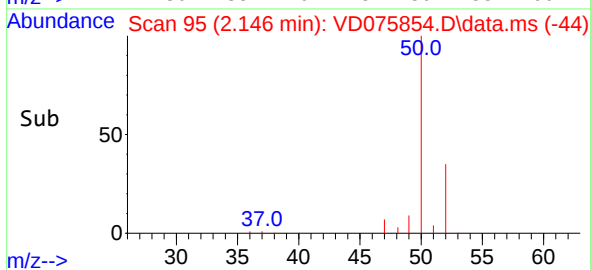
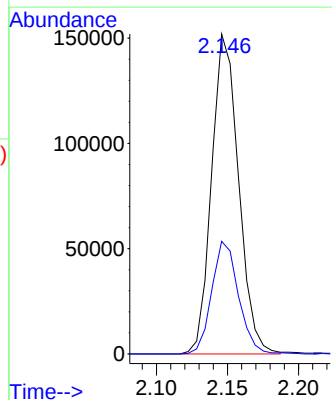
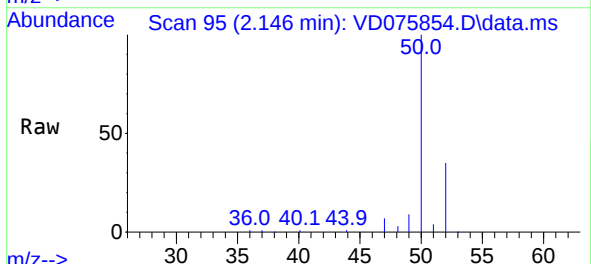
Instrument :
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 ClientSampleId :
 VSTD025135

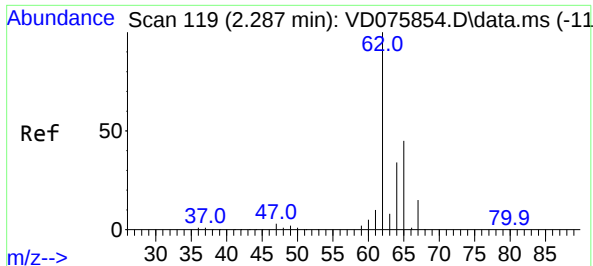
Tgt Ion: 85 Resp: 162943
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 25.115 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

Tgt Ion: 50 Resp: 200421
 Ion Ratio Lower Upper
 50 100
 52 35.2 23.7 44.1

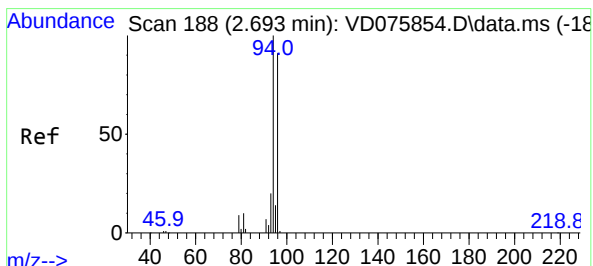
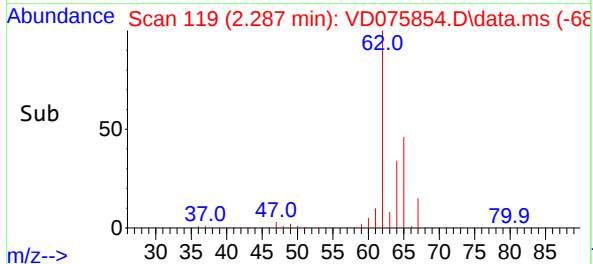
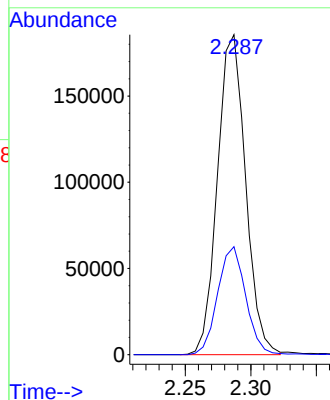
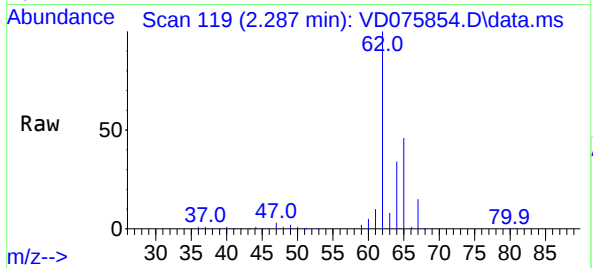




#5
 Vinyl chloride
 Concen: 26.531 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

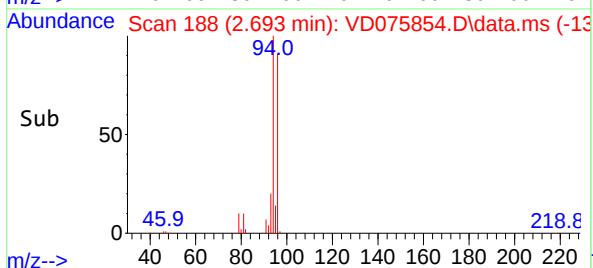
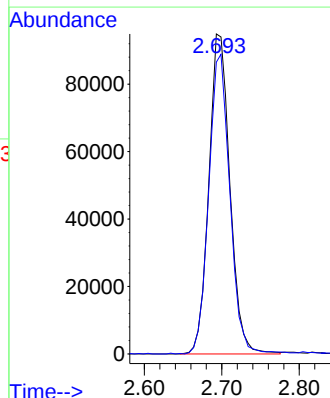
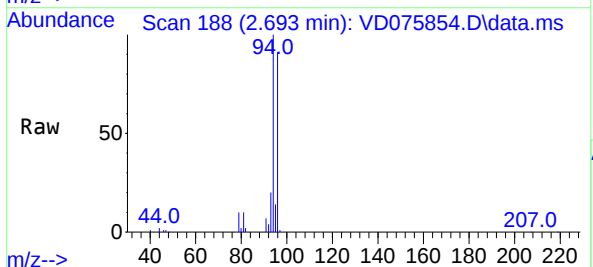
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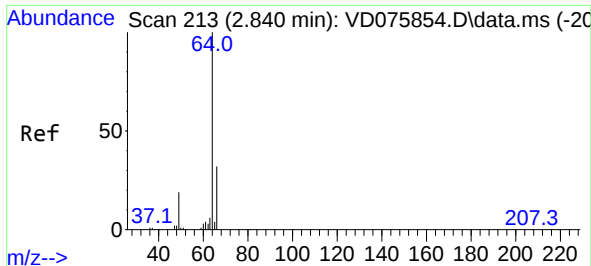
Tgt Ion: 62 Resp: 276705
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 25.642 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

Tgt Ion: 94 Resp: 179703
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.7 121.9

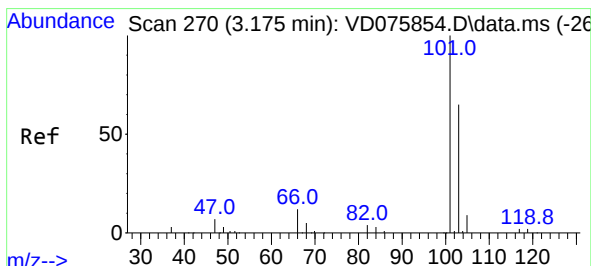
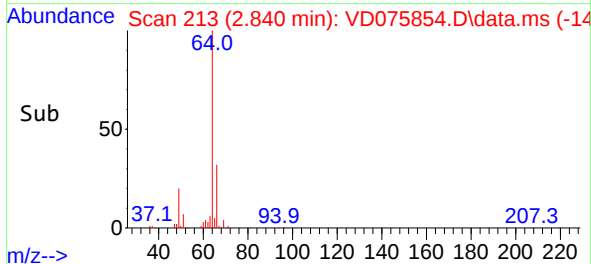
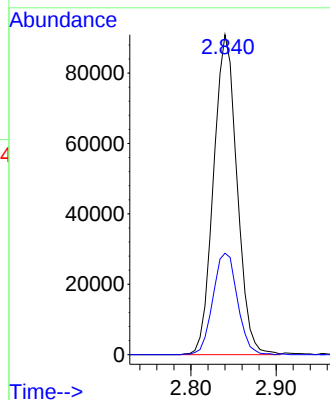
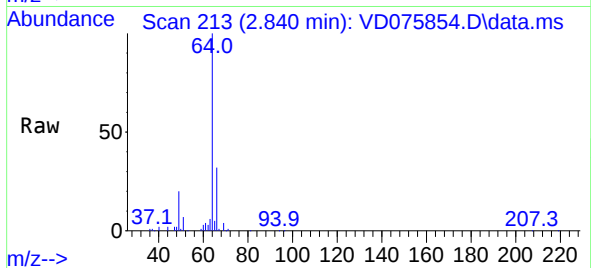




#8
Chloroethane
Concen: 25.835 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

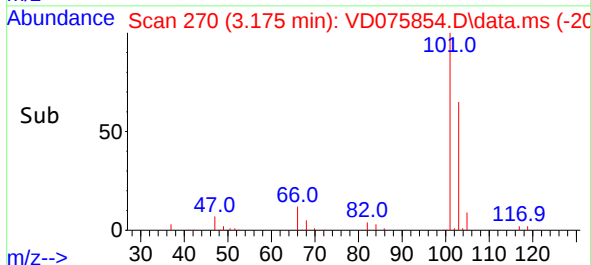
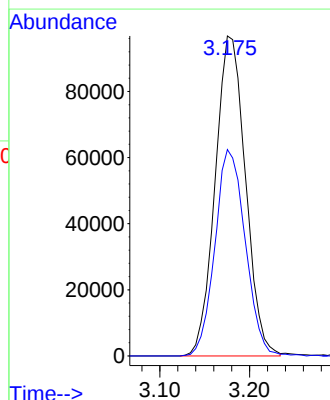
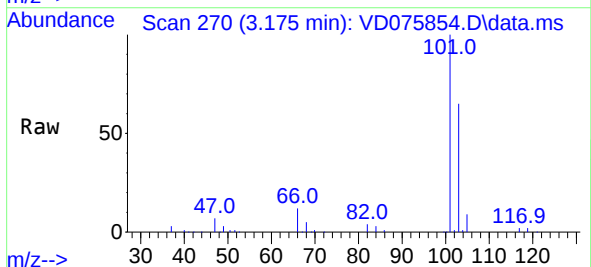
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

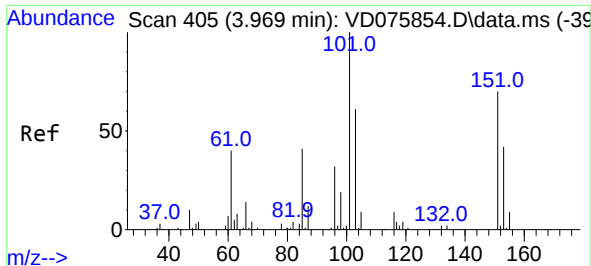
Tgt Ion: 64 Resp: 174261
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.109 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:101 Resp: 227176
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

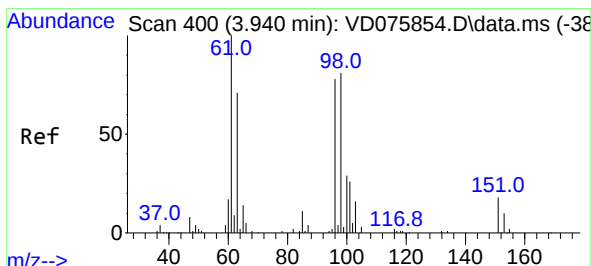
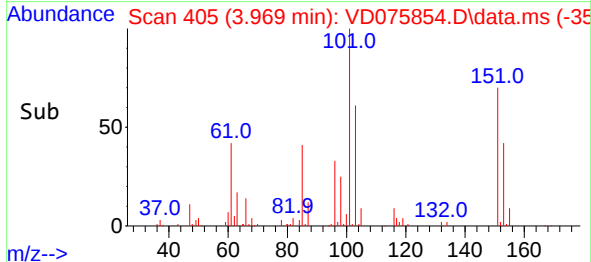
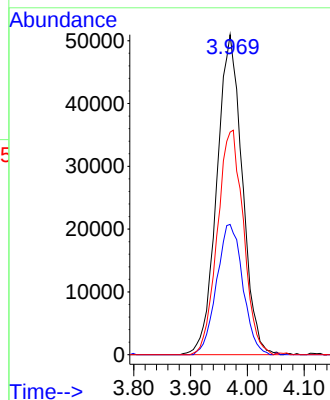
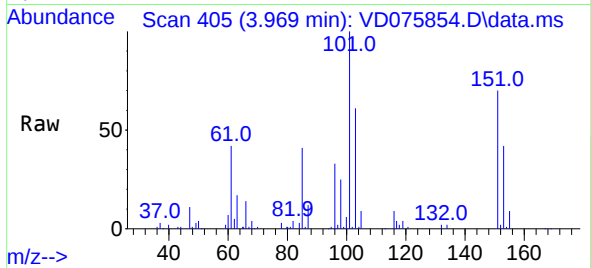




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.155 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

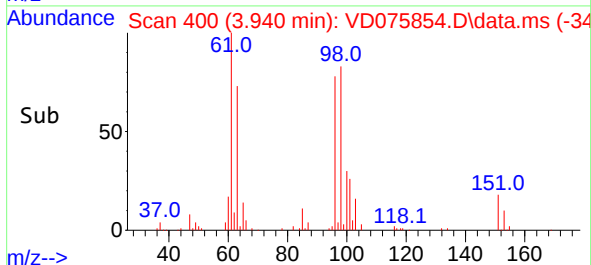
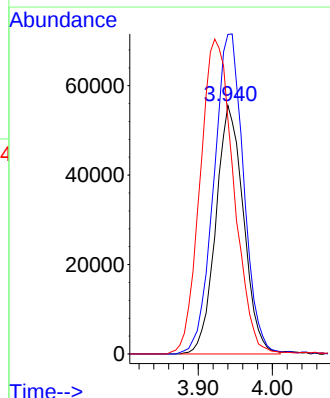
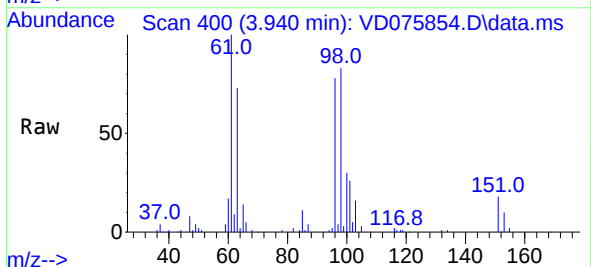
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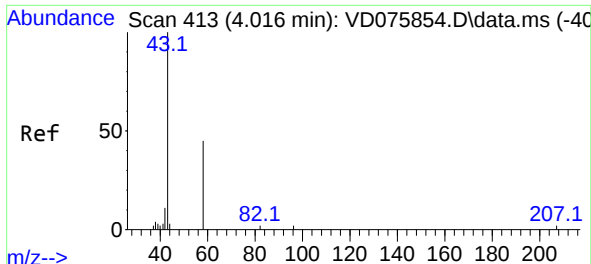
Tgt Ion:101 Resp: 158508
Ion Ratio Lower Upper
101 100
85 41.8 32.9 49.3
151 71.8 57.2 85.8



#12
1,1-Dichloroethene
Concen: 26.385 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 96 Resp: 144059
Ion Ratio Lower Upper
96 100
61 128.6 92.6 172.0
63 94.5 77.4 143.8

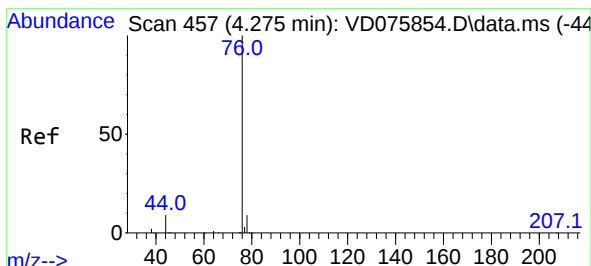
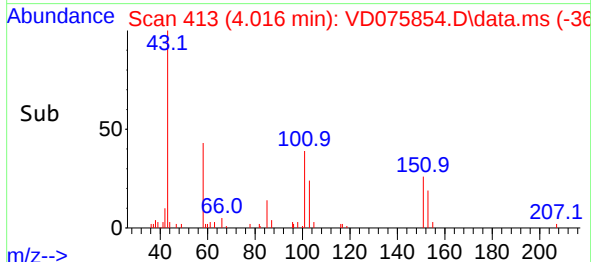
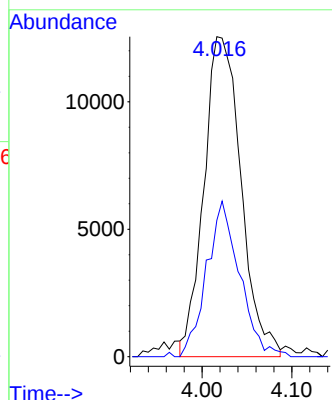
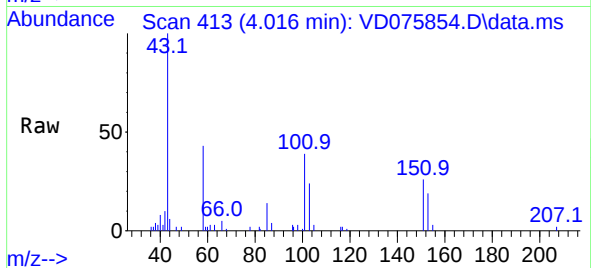




#13
Acetone
Concen: 53.274 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

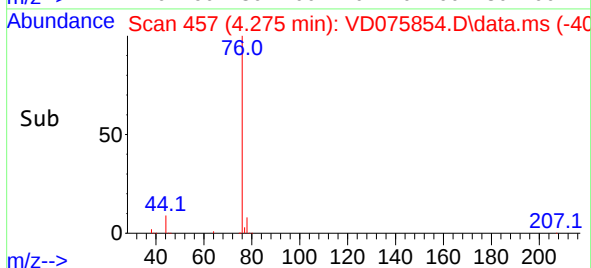
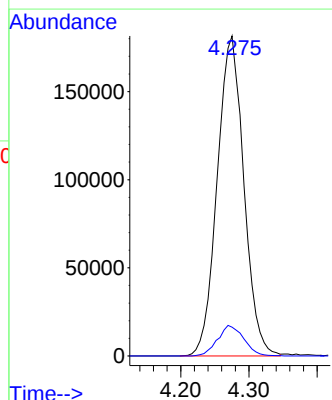
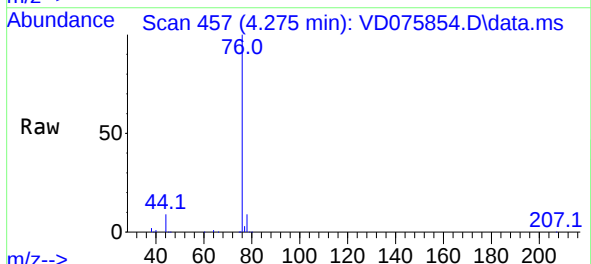
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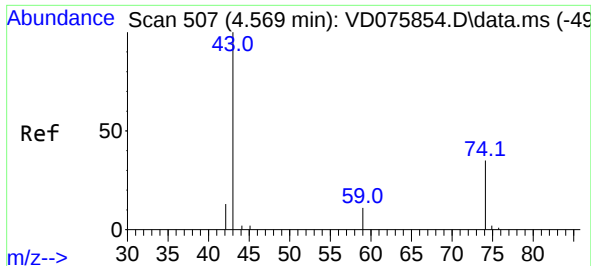
Tgt Ion: 43 Resp: 36053
Ion Ratio Lower Upper
43 100
58 42.3 0.0 87.4



#14
Carbon disulfide
Concen: 25.890 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 76 Resp: 493721
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

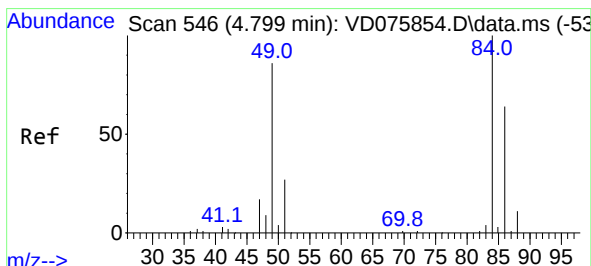
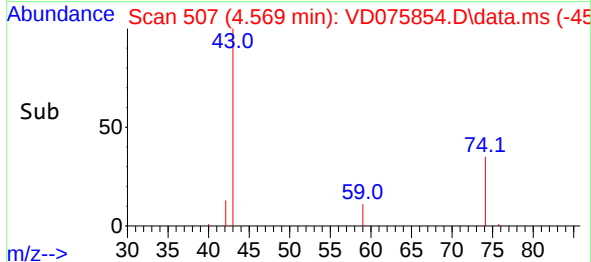
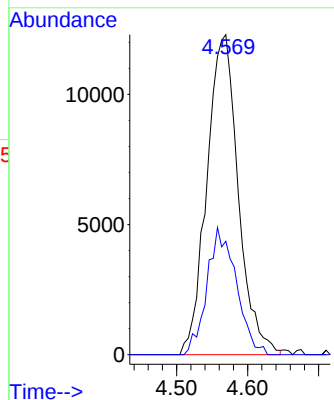
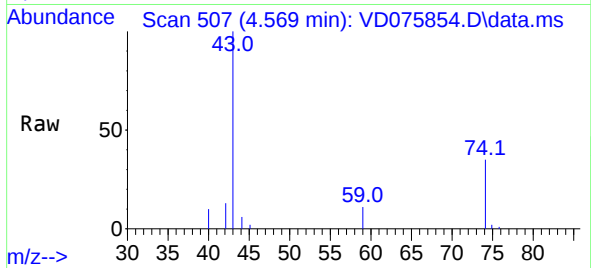




#15
Methyl Acetate
Concen: 25.782 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

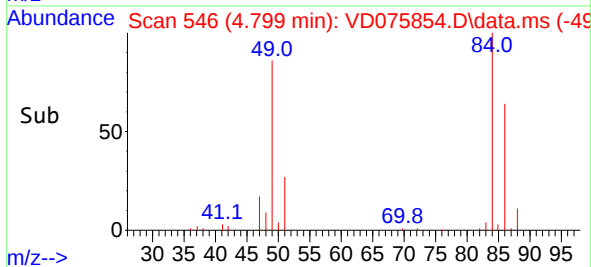
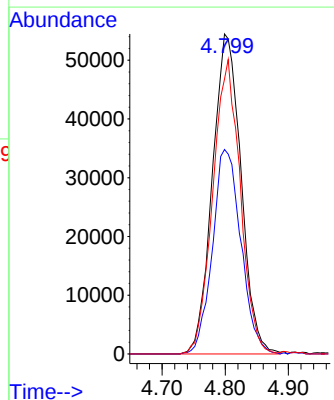
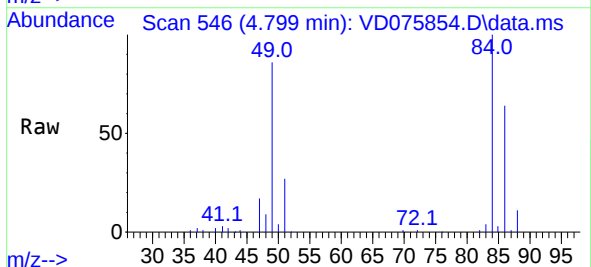
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

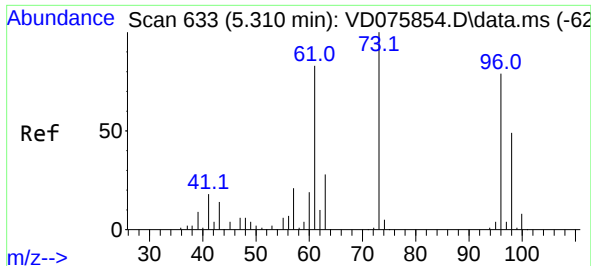
Tgt Ion: 43 Resp: 37814
Ion Ratio Lower Upper
43 100
74 36.6 12.8 19.2#



#16
Methylene chloride
Concen: 20.331 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 84 Resp: 171260
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.2
49 85.9 60.8 112.8

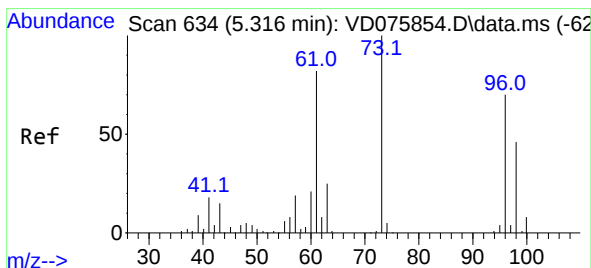
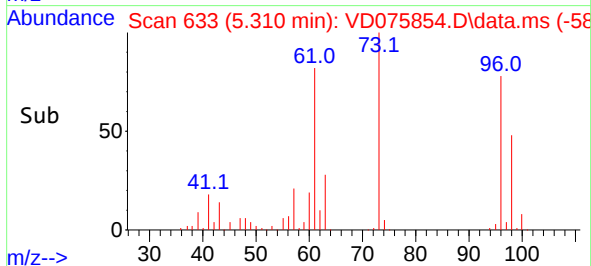
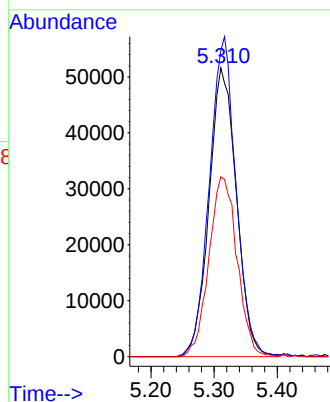
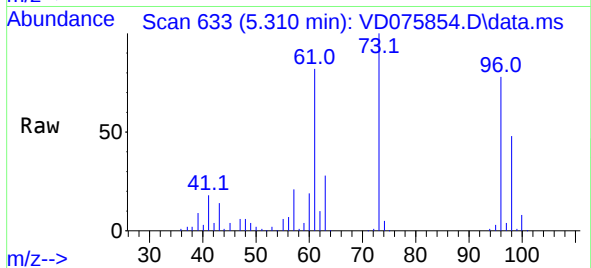




#17
trans-1,2-Dichloroethene
Concen: 25.485 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

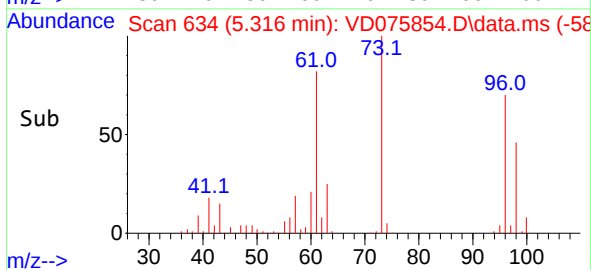
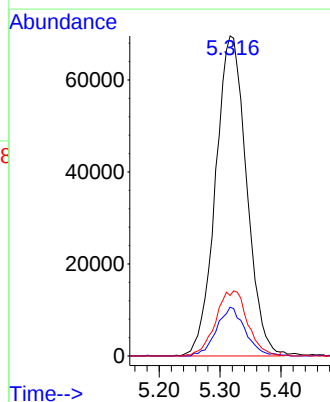
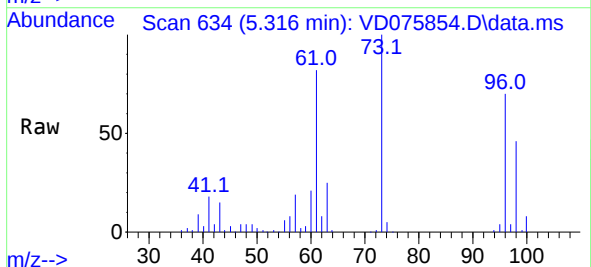
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

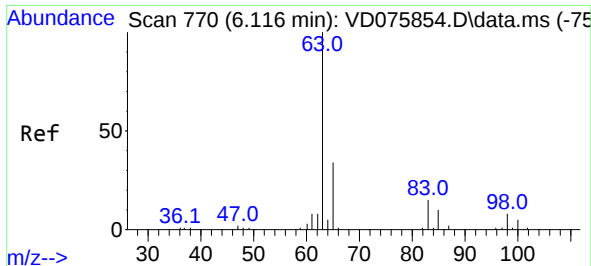
Tgt Ion: 96 Resp: 156024
Ion Ratio Lower Upper
96 100
61 106.0 72.9 135.5
98 62.3 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 25.009 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 73 Resp: 245597
Ion Ratio Lower Upper
73 100
43 13.9 11.3 16.9
57 21.0 16.3 24.5

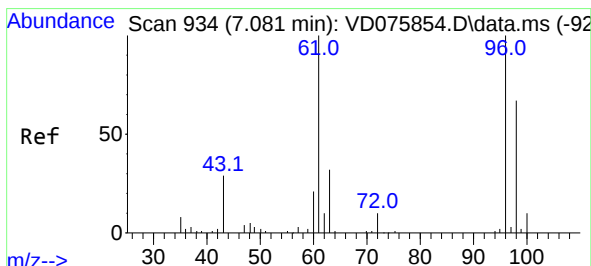
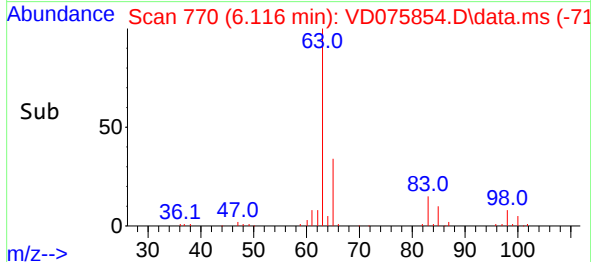
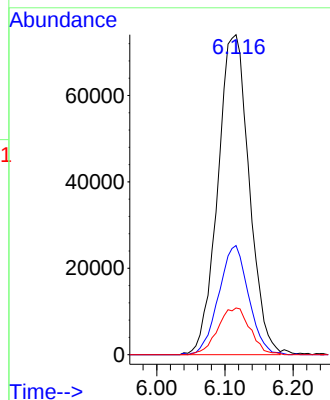
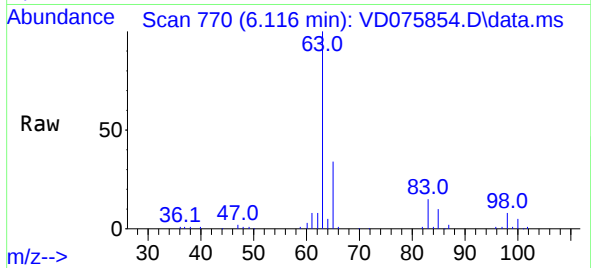




#19
1,1-Dichloroethane
Concen: 26.412 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

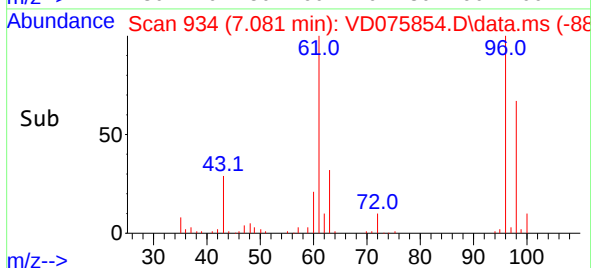
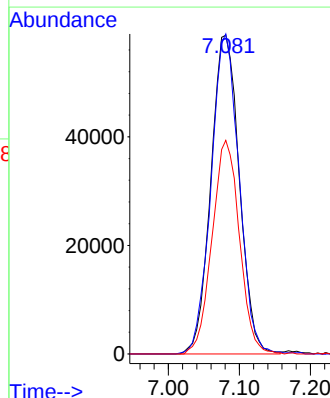
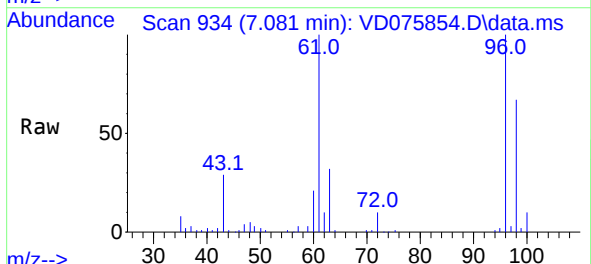
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

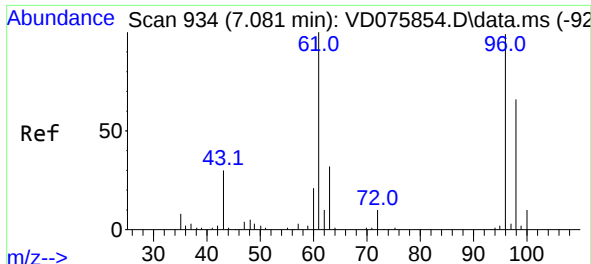
Tgt Ion: 63 Resp: 236877
Ion Ratio Lower Upper
63 100
65 34.1 22.8 42.4
83 14.6 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 25.172 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 96 Resp: 162953
Ion Ratio Lower Upper
96 100
61 100.4 67.5 125.3
98 67.0 47.5 88.1

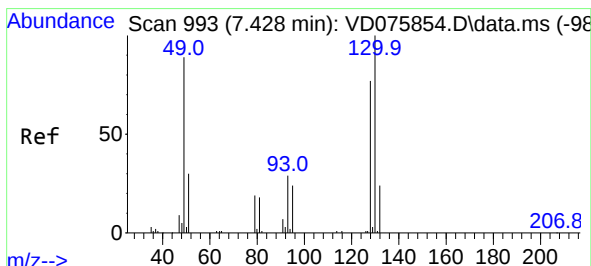
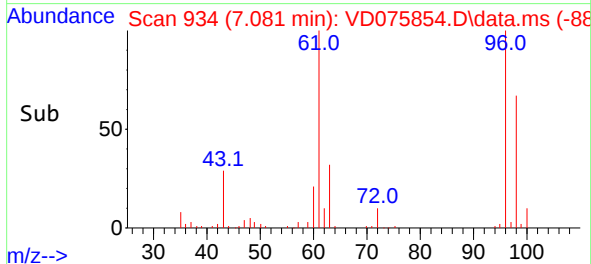
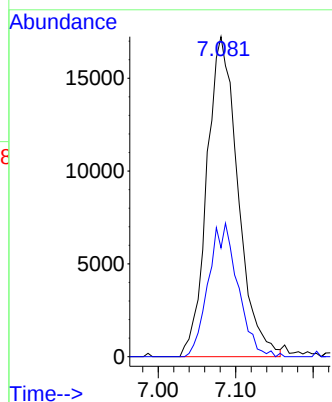
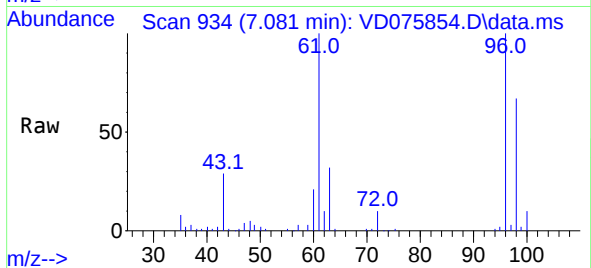




#22
2-Butanone
Concen: 54.478 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

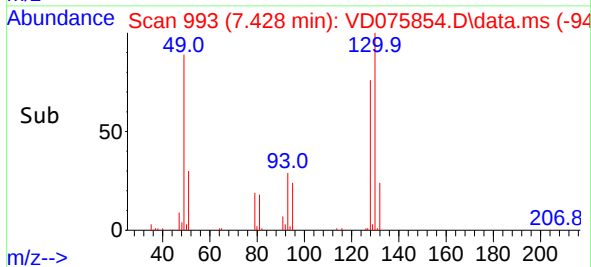
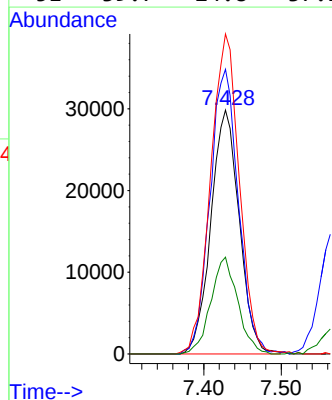
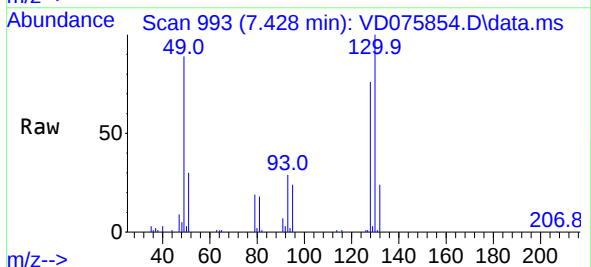
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

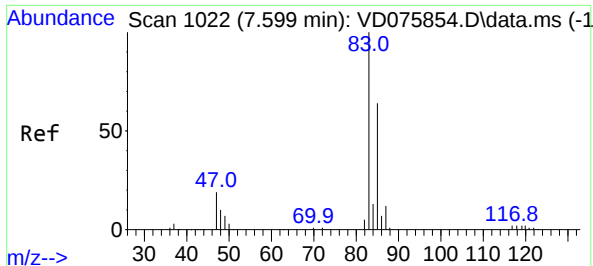
Tgt Ion: 43 Resp: 48064
Ion Ratio Lower Upper
43 100
72 39.1 20.5 61.5



#23
Bromochloromethane
Concen: 25.247 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:128 Resp: 75795
Ion Ratio Lower Upper
128 100
49 116.7 76.4 142.0
130 131.2 93.5 173.7
51 39.7 24.8 37.2#





#25

Chloroform

Concen: 26.079 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075854.D

Acq: 27 Apr 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

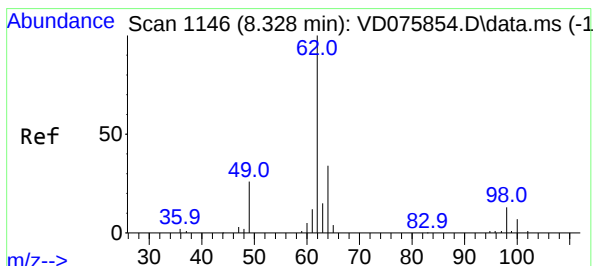
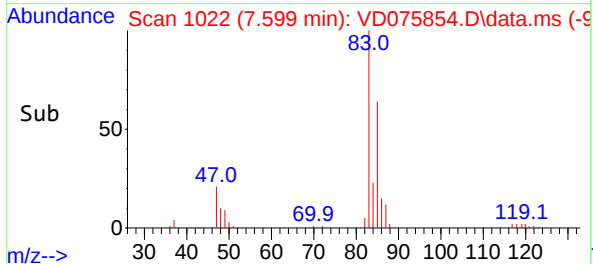
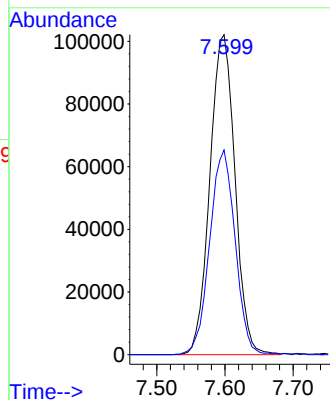
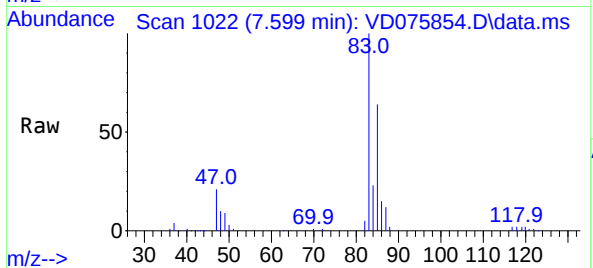
VSTD025135

Tgt Ion: 83 Resp: 262135

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.326 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075854.D

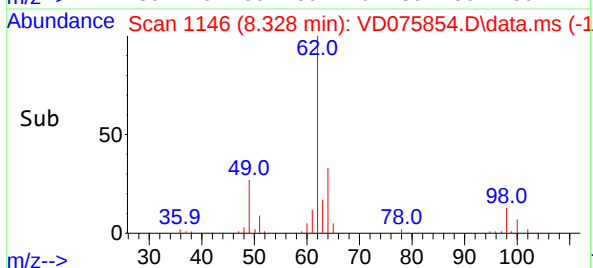
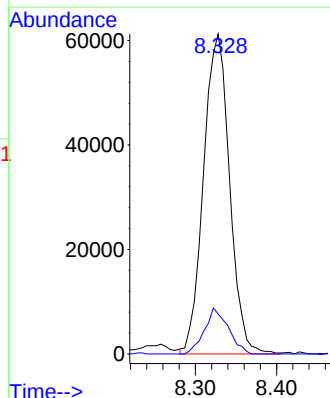
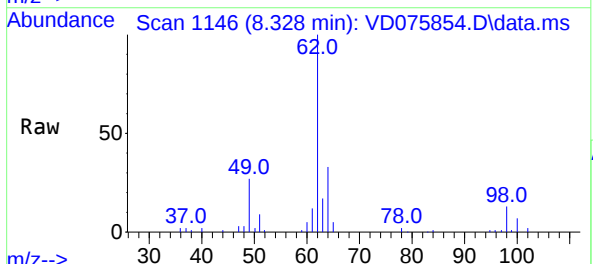
Acq: 27 Apr 2023 11:12

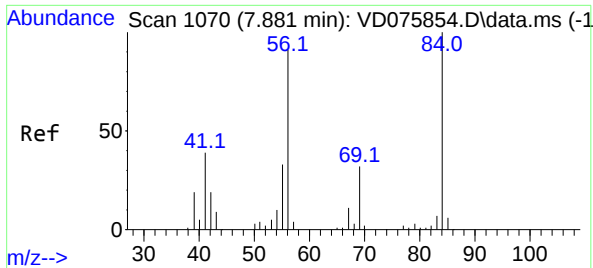
Tgt Ion: 62 Resp: 136588

Ion Ratio Lower Upper

62 100

98 12.5 10.2 15.2





#29

Cyclohexane

Concen: 29.009 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075854.D

Acq: 27 Apr 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025135

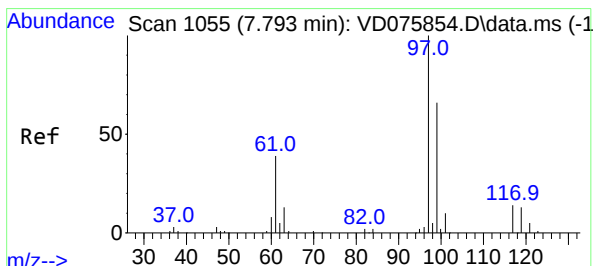
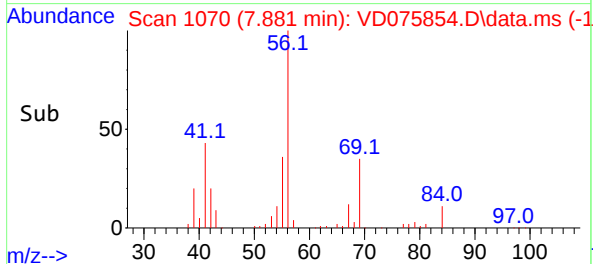
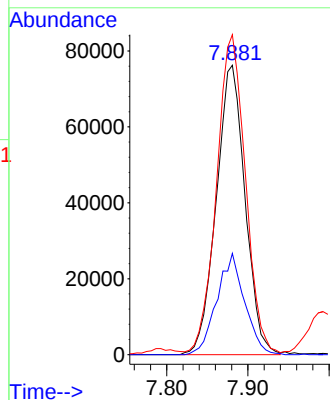
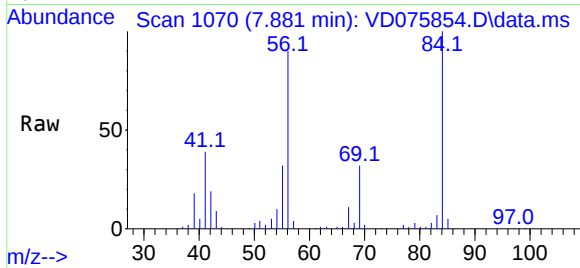
Tgt Ion: 56 Resp: 188338

Ion Ratio Lower Upper

56 100

69 33.7 28.2 42.2

84 110.6 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 27.079 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075854.D

Acq: 27 Apr 2023 11:12

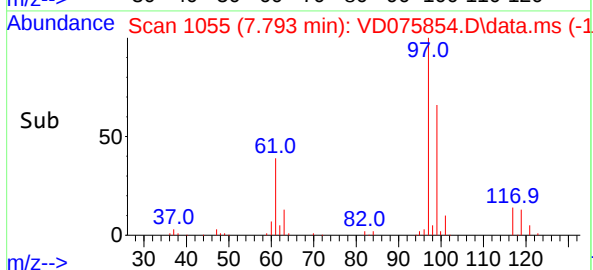
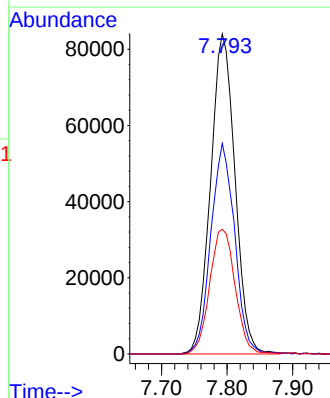
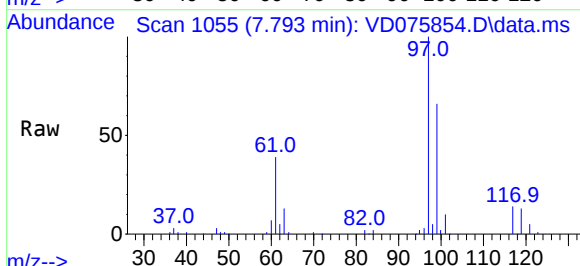
Tgt Ion: 97 Resp: 217281

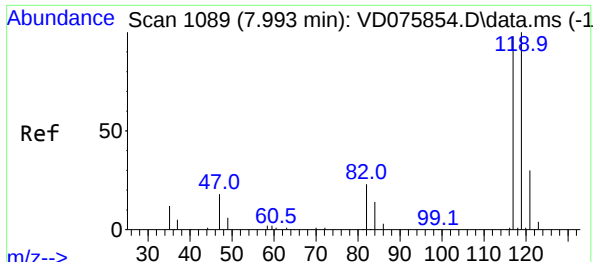
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 40.4 32.1 48.1

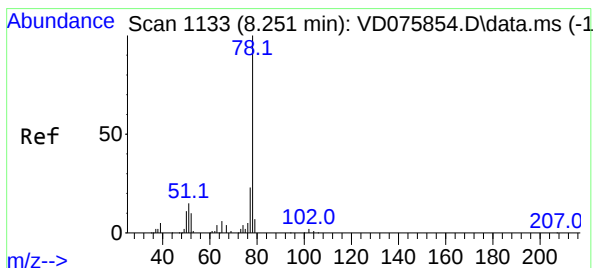
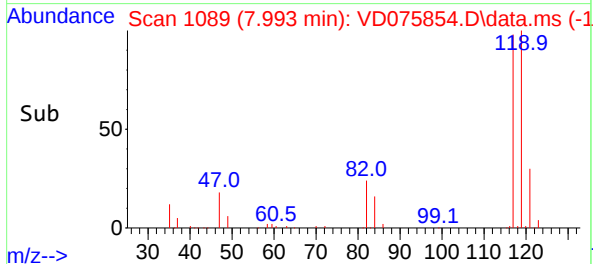
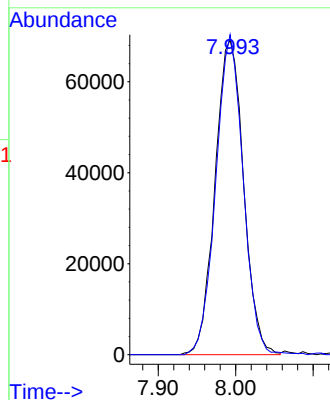
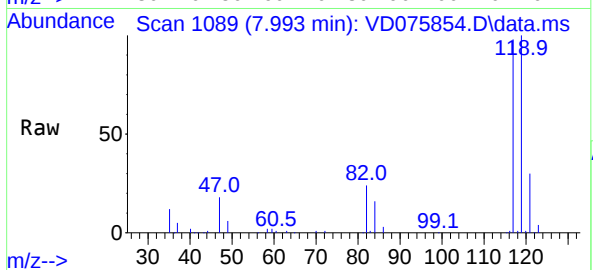




#31
Carbon tetrachloride
Concen: 27.453 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

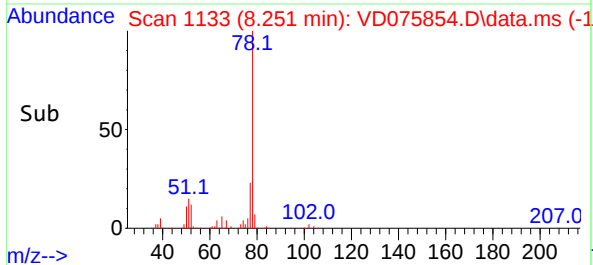
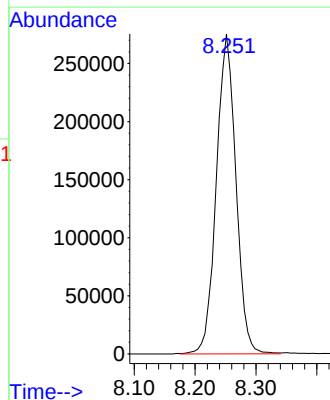
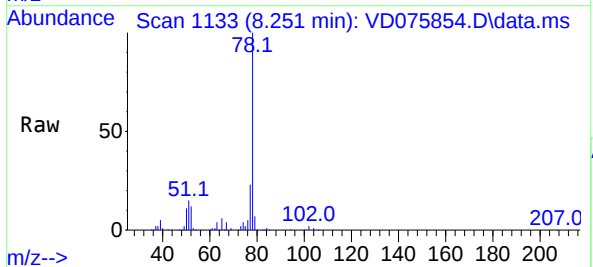
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

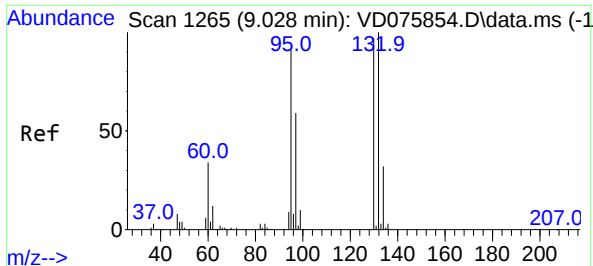
Tgt Ion:117 Resp: 176726
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4



#33
Benzene
Concen: 26.771 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 78 Resp: 614136



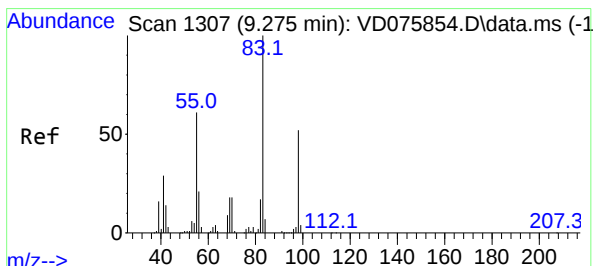
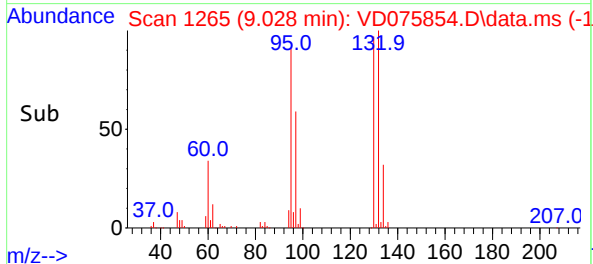
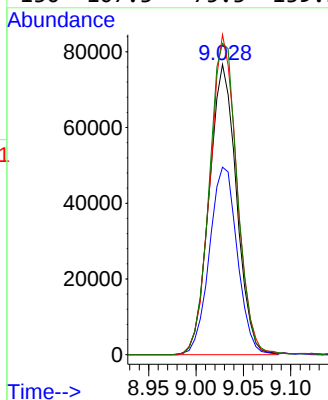
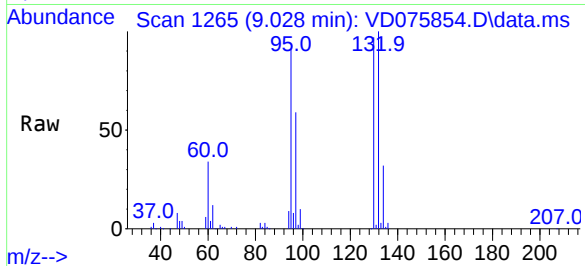


#34
Trichloroethene
Concen: 25.919 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

Tgt Ion: 95 Resp: 153760

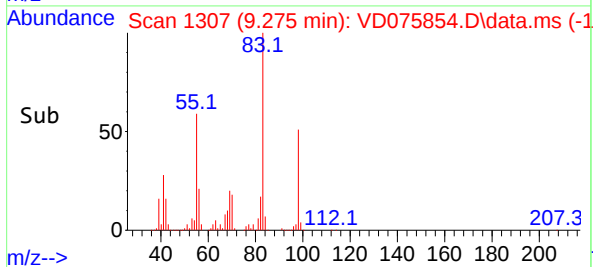
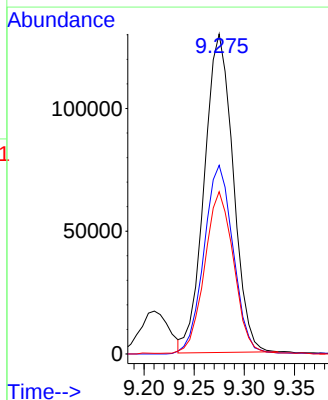
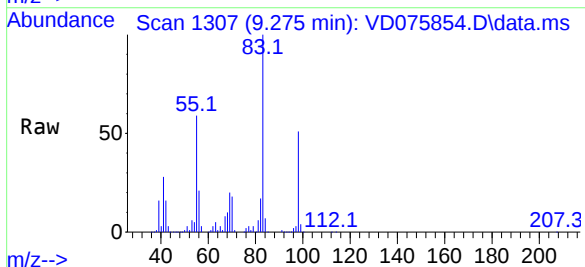
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.0	85.4
132	110.3	73.3	136.1
130	107.3	75.3	139.9

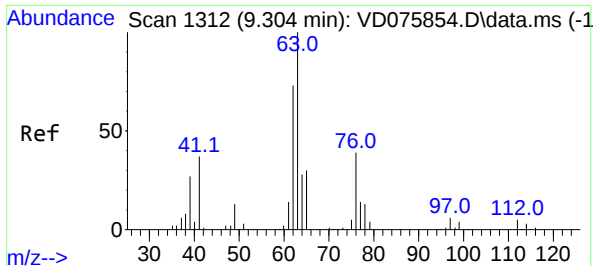


#35
Methylcyclohexane
Concen: 28.424 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 83 Resp: 259975

Ion	Ratio	Lower	Upper
83	100		
55	60.5	48.2	72.2
98	51.2	40.8	61.2

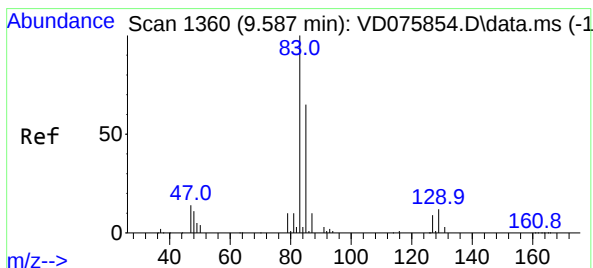
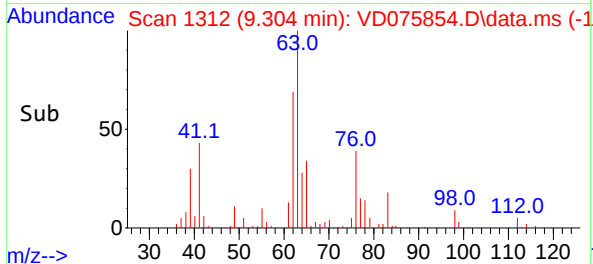
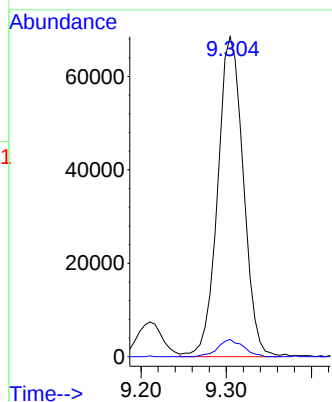
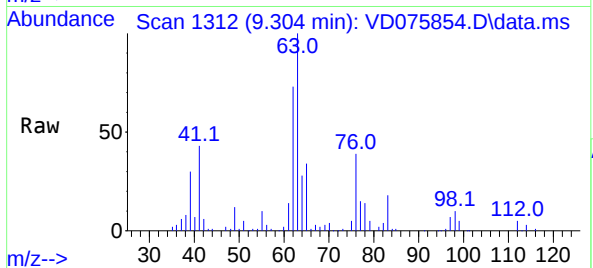




#37
1,2-Dichloropropane
Concen: 27.226 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

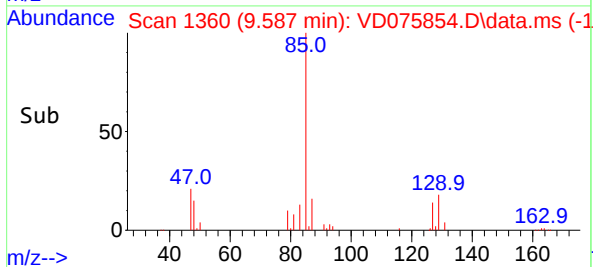
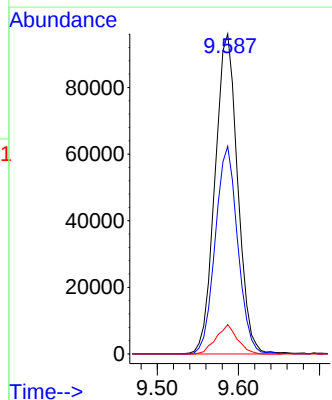
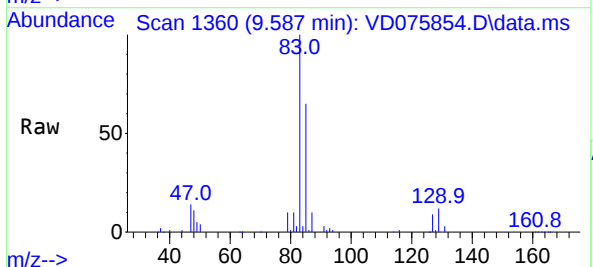
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

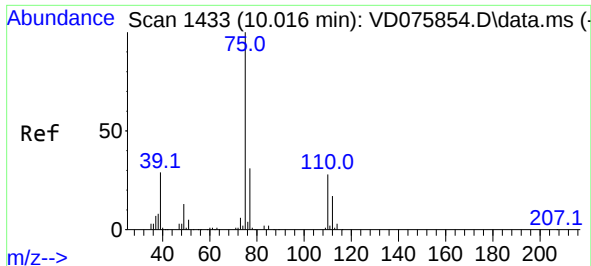
Tgt Ion: 63 Resp: 143467
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0



#38
Bromodichloromethane
Concen: 26.260 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 83 Resp: 186579
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2
127 9.2 6.3 9.5

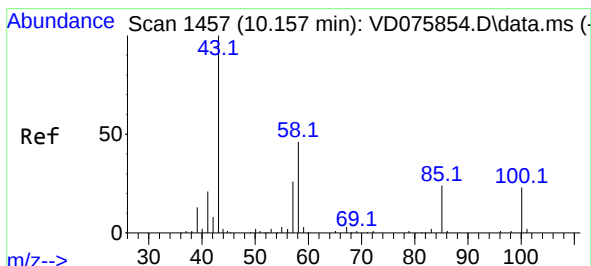
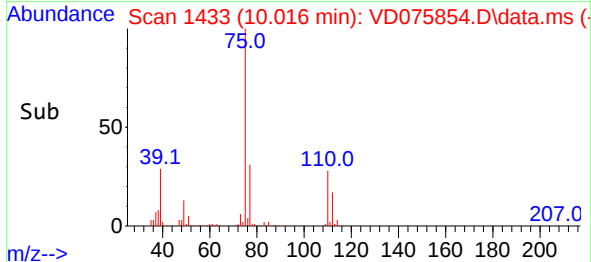
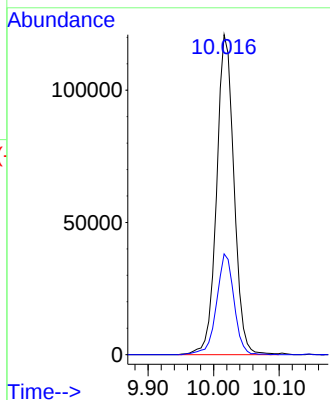
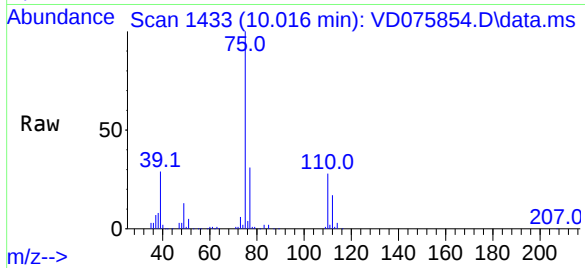




#39
 cis-1,3-Dichloropropene
 Concen: 26.481 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

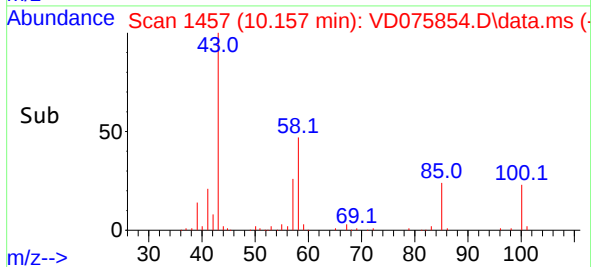
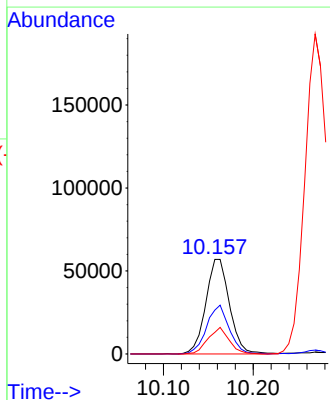
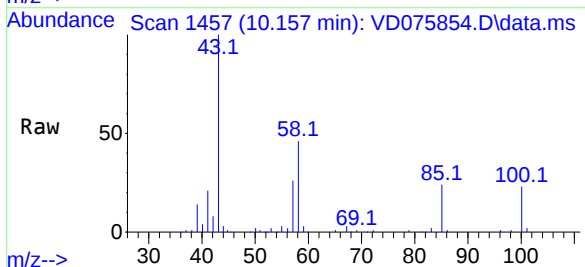
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025135

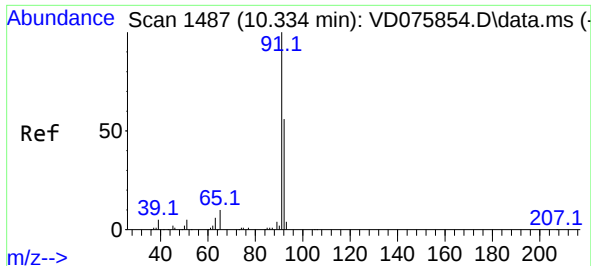
Tgt Ion: 75 Resp: 221918
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 54.454 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075854.D
 Acq: 27 Apr 2023 11:12

Tgt Ion: 43 Resp: 104620
 Ion Ratio Lower Upper
 43 100
 58 49.2 39.1 58.7
 100 25.1 19.4 29.0

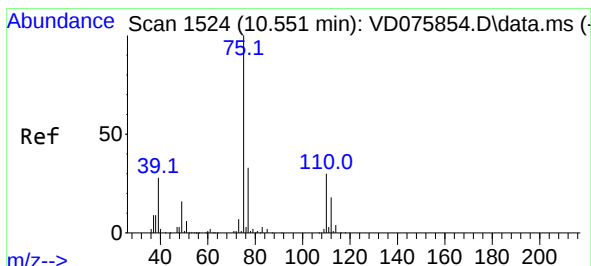
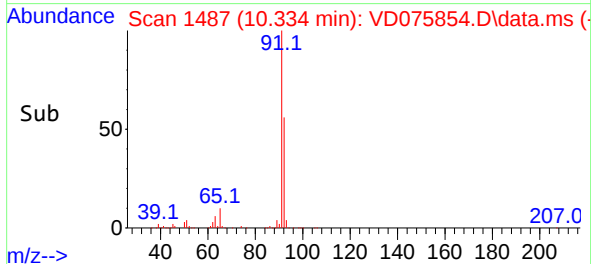
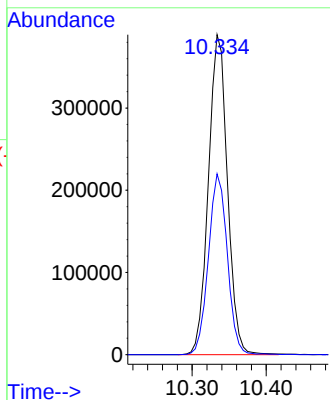
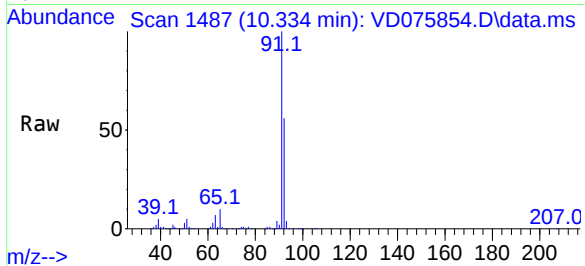




#42
Toluene
Concen: 27.975 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

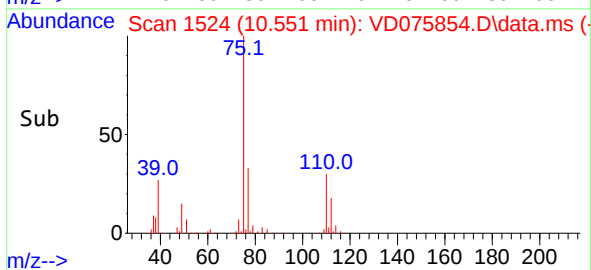
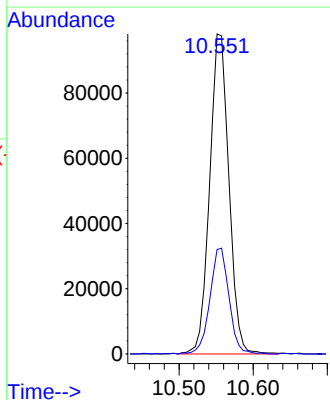
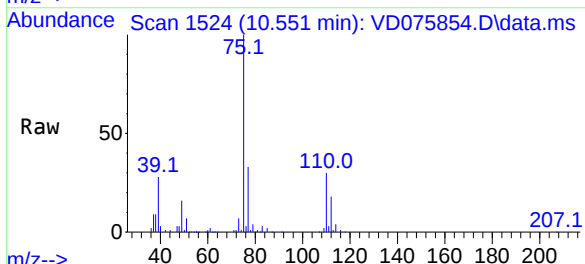
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

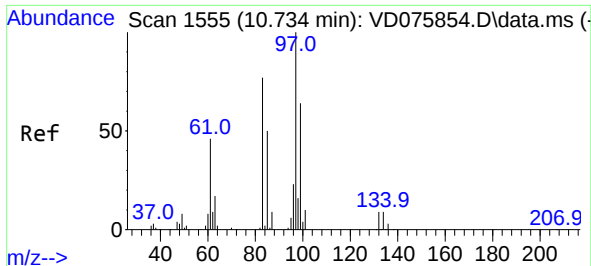
Tgt Ion: 91 Resp: 694477
Ion Ratio Lower Upper
91 100
92 56.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 26.280 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 75 Resp: 176926
Ion Ratio Lower Upper
75 100
77 32.6 22.0 41.0



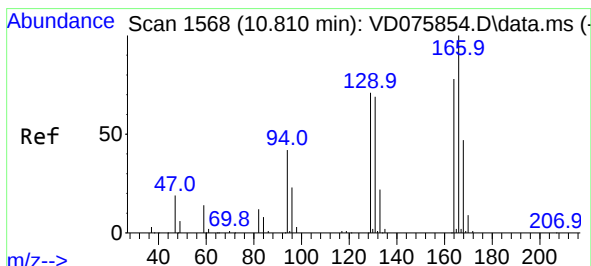
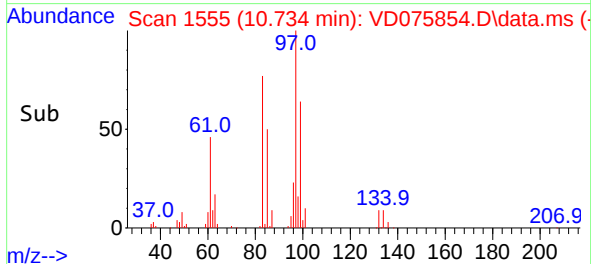
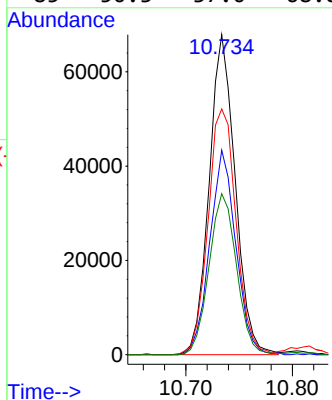
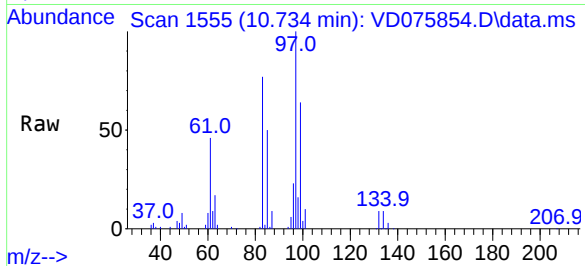


#45
1,1,2-Trichloroethane
Concen: 25.705 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

Tgt Ion: 97 Resp: 115236

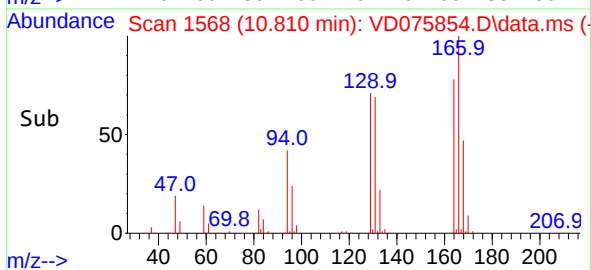
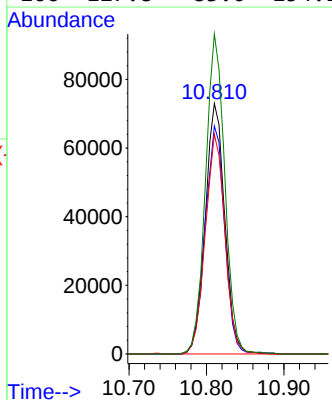
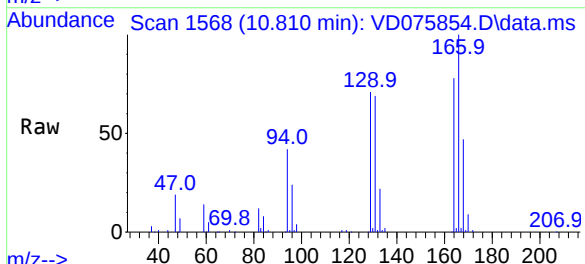
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.2	78.4
83	76.8	54.8	101.8
85	50.3	37.0	68.8

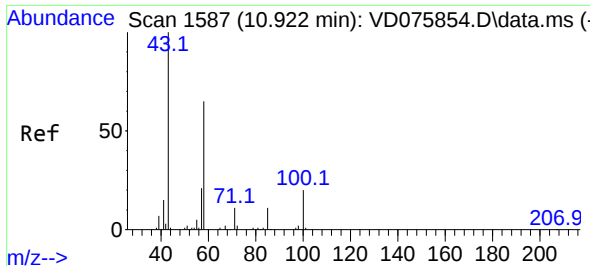


#46
Tetrachloroethene
Concen: 26.436 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 164 Resp: 128633

Ion	Ratio	Lower	Upper
164	100		
129	91.1	60.3	112.1
131	87.7	58.9	109.3
166	127.8	83.0	154.1



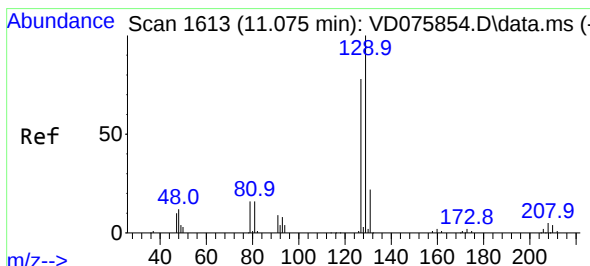
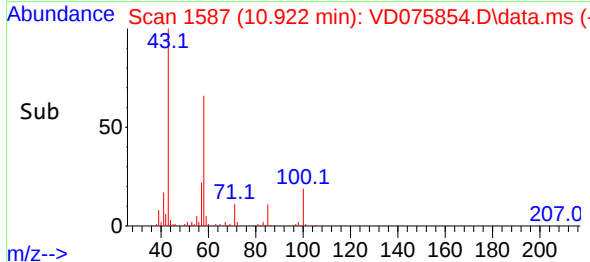
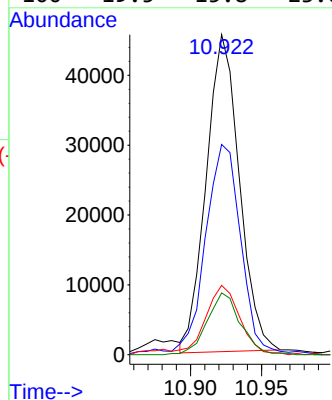
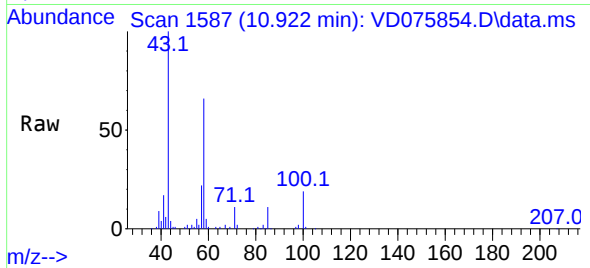


#48
2-Hexanone
Concen: 54.451 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

Tgt Ion: 43 Resp: 73751

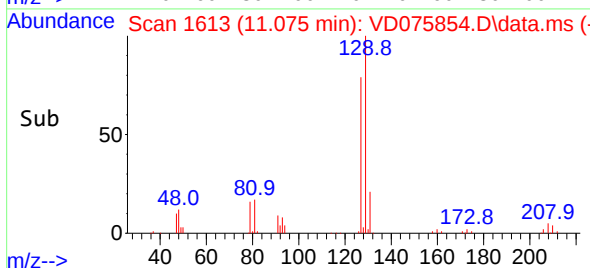
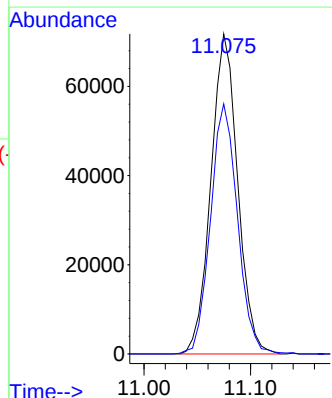
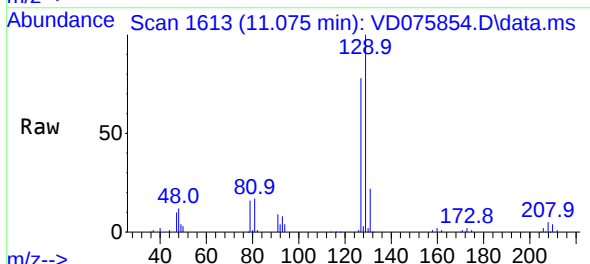
Ion	Ratio	Lower	Upper
43	100		
58	68.6	59.7	89.5
57	22.4	17.9	26.9
100	19.5	15.8	23.6

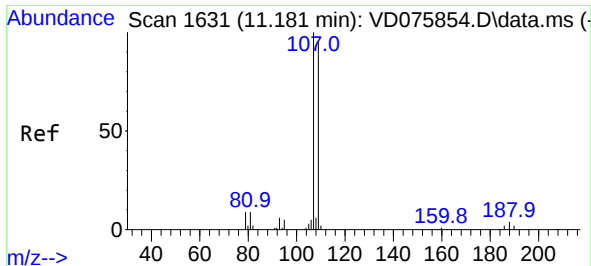


#49
Dibromochloromethane
Concen: 25.701 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 129 Resp: 125433

Ion	Ratio	Lower	Upper
129	100		
127	78.1	55.6	103.4

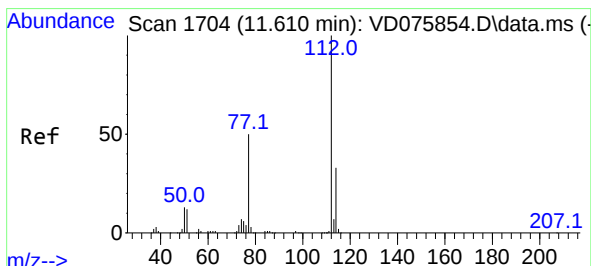
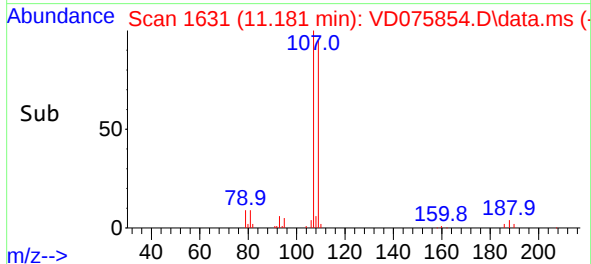
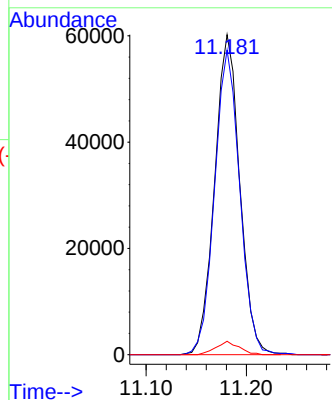
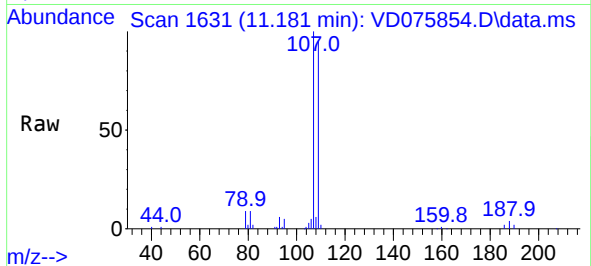




#50
1,2-Dibromoethane
Concen: 25.938 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

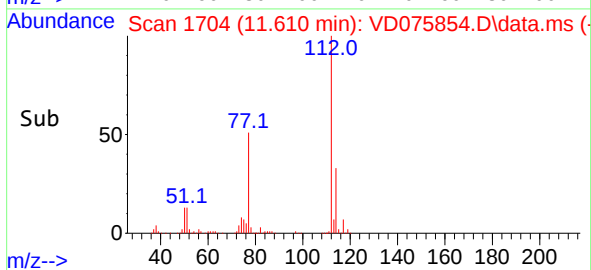
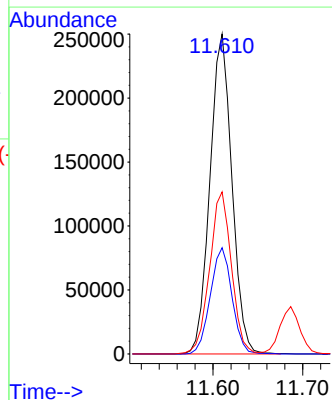
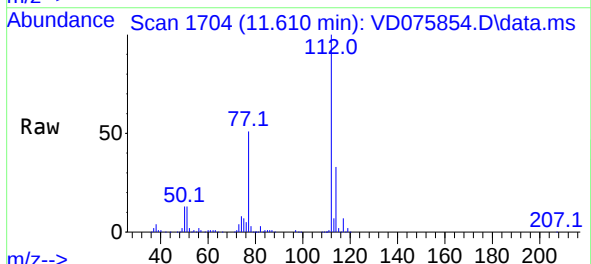
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

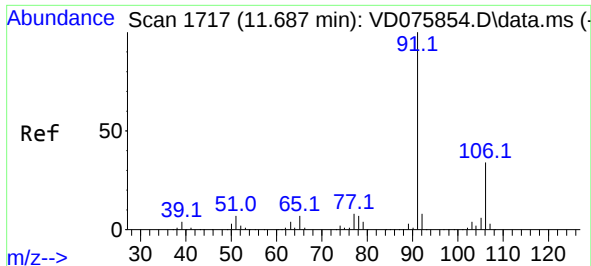
Tgt Ion:107 Resp: 104834
Ion Ratio Lower Upper
107 100
109 95.2 67.6 125.6
188 4.2 3.0 4.6



#51
Chlorobenzene
Concen: 26.190 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:112 Resp: 425343
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 50.7 39.7 59.5

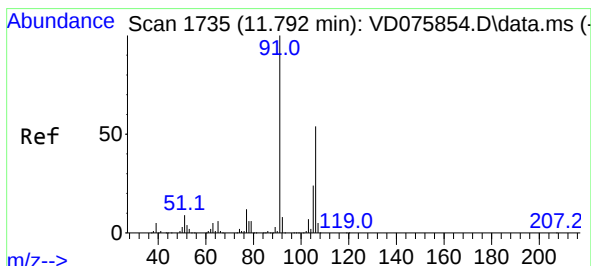
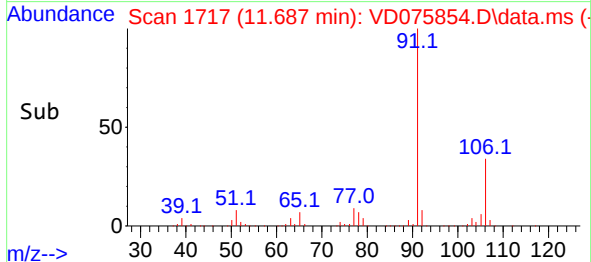
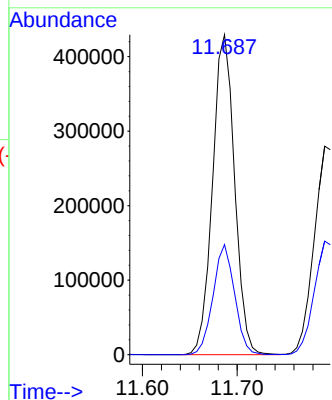
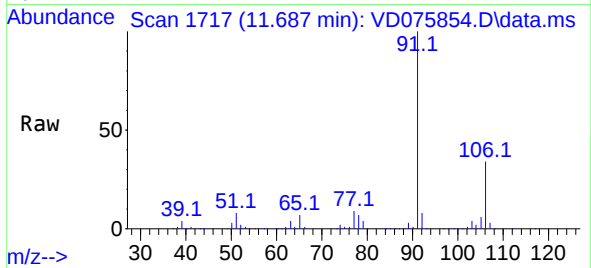




#52
Ethylbenzene
Concen: 27.268 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

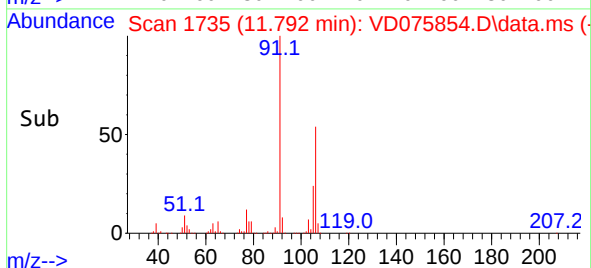
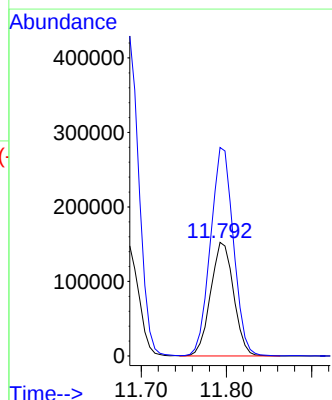
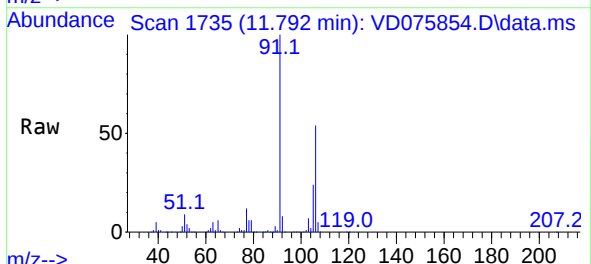
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

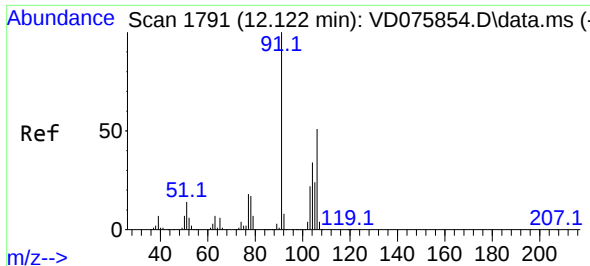
Tgt Ion: 91 Resp: 694136
Ion Ratio Lower Upper
91 100
106 34.4 23.7 43.9



#53
m,p-Xylene
Concen: 28.206 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 106 Resp: 285910
Ion Ratio Lower Upper
106 100
91 183.5 130.9 243.1

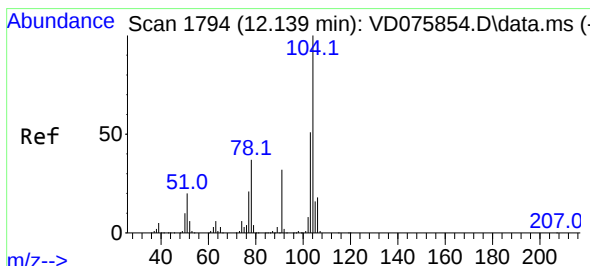
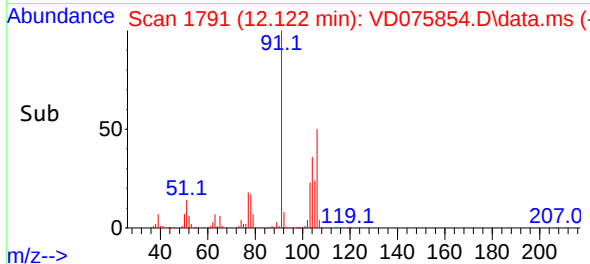
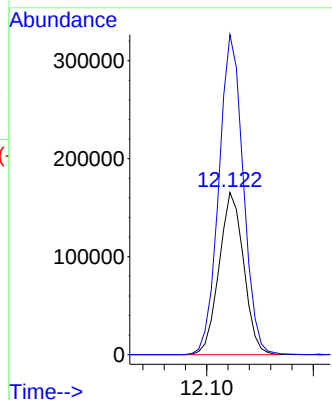
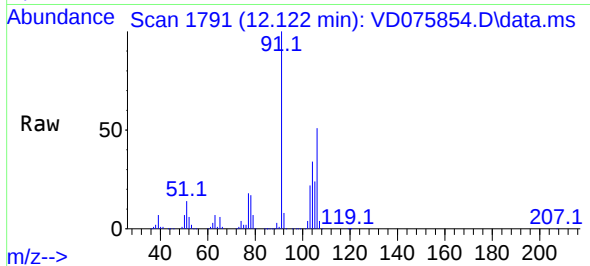




#54
o-Xylene
Concen: 27.598 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

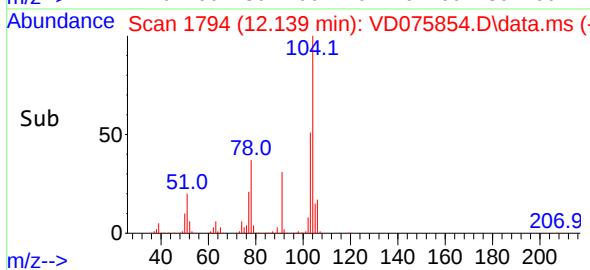
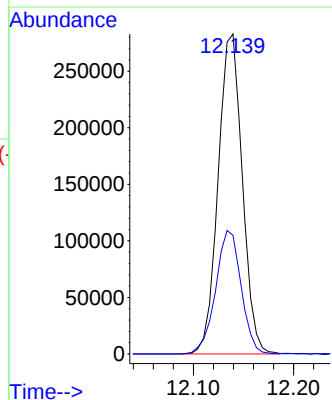
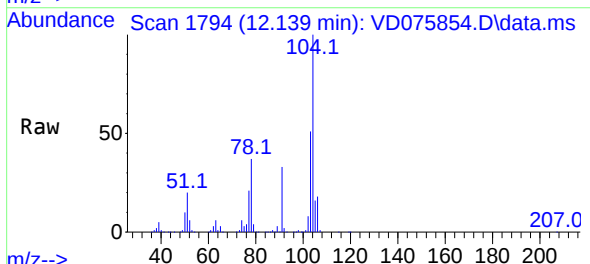
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

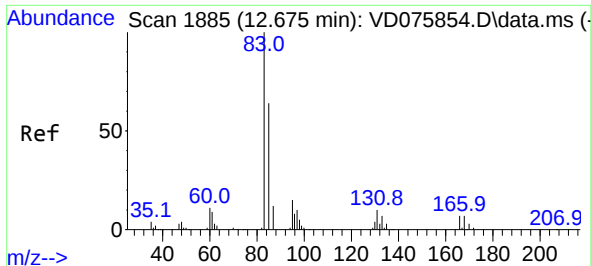
Tgt Ion:106 Resp: 265706
Ion Ratio Lower Upper
106 100
91 197.2 139.8 259.6



#55
Styrene
Concen: 28.280 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:104 Resp: 473881
Ion Ratio Lower Upper
104 100
78 37.1 26.2 48.6

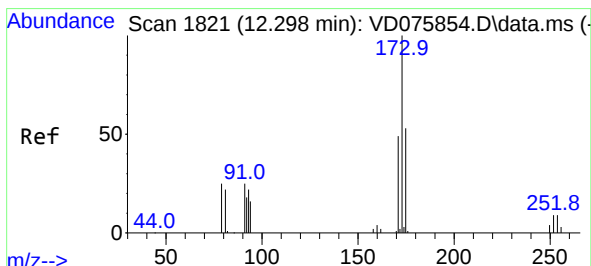
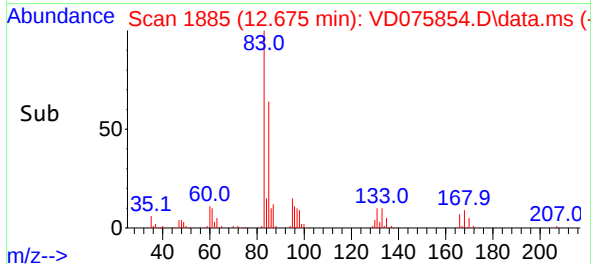
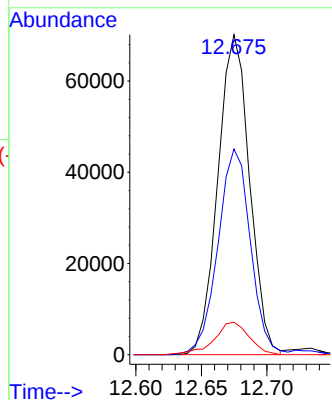
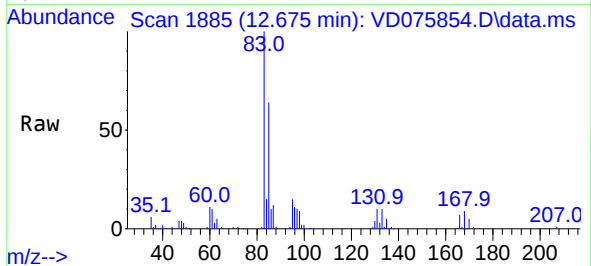




#57
1,1,2,2-Tetrachloroethane
Concen: 25.853 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

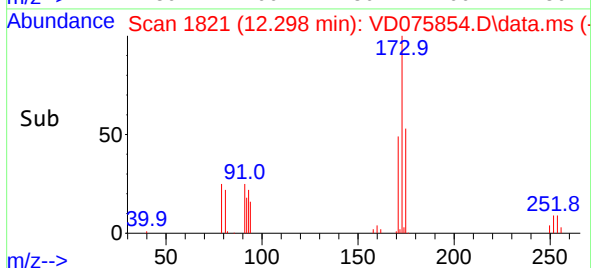
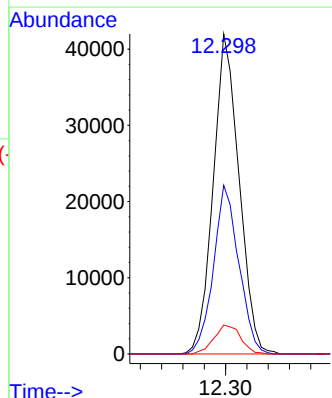
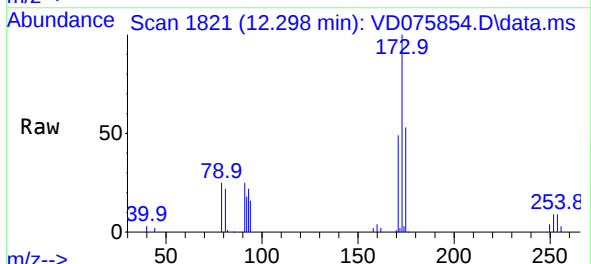
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

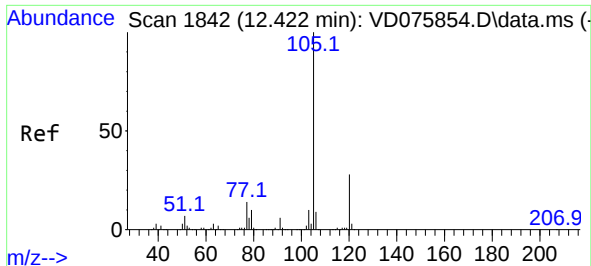
Tgt Ion: 83 Resp: 117924
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7
131 10.1 7.0 10.6



#59
Bromoform
Concen: 24.696 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 173 Resp: 70691
Ion Ratio Lower Upper
173 100
175 51.6 39.4 59.0
254 9.3 7.4 11.2

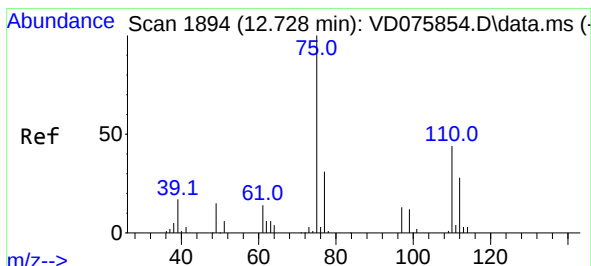
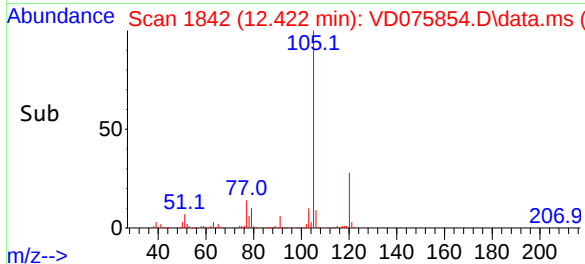
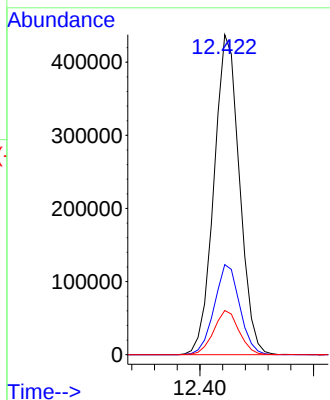
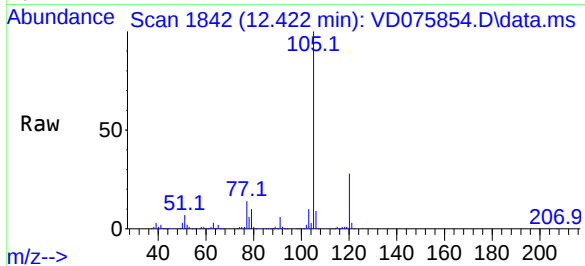




#60
Isopropylbenzene
Concen: 27.549 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

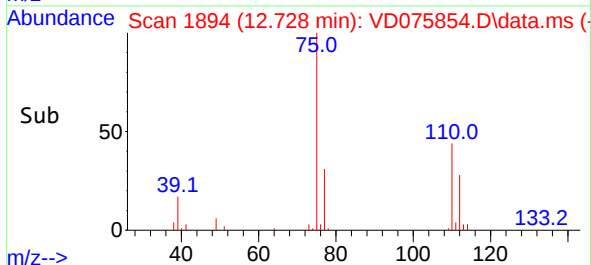
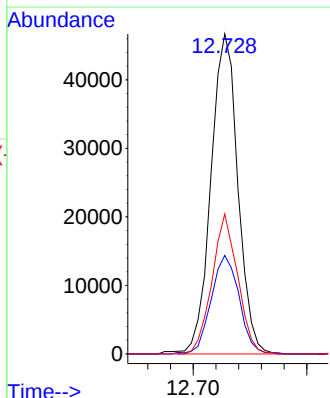
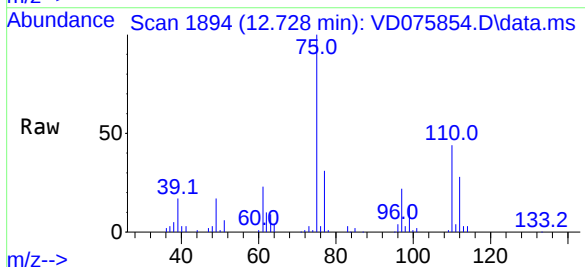
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

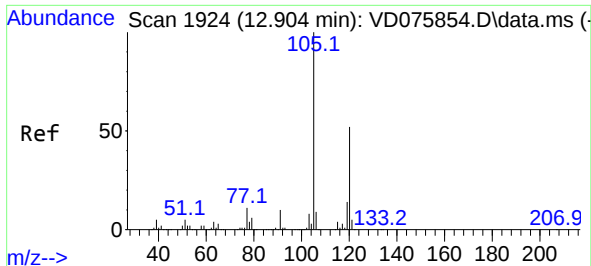
Tgt Ion:105 Resp: 682246
Ion Ratio Lower Upper
105 100
120 28.1 22.7 34.1
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 26.167 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 75 Resp: 76773
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8
110 41.8 33.5 50.3

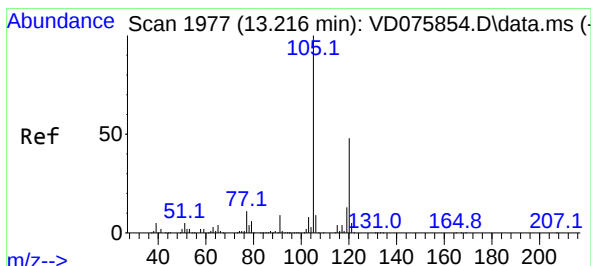
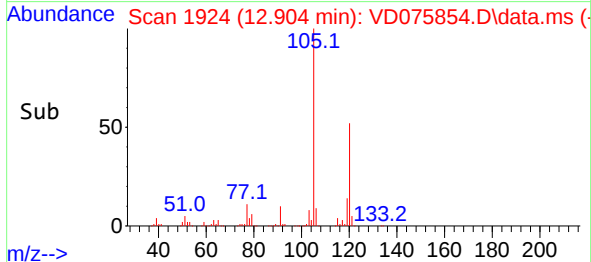
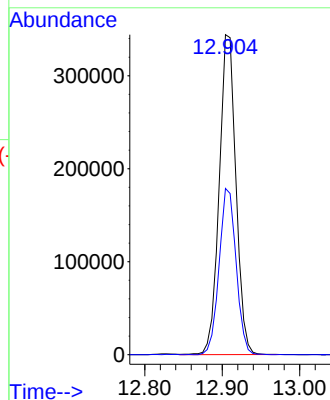
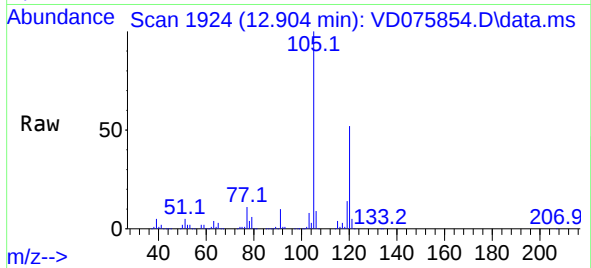




#62
1,3,5-Trimethylbenzene
Concen: 27.910 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

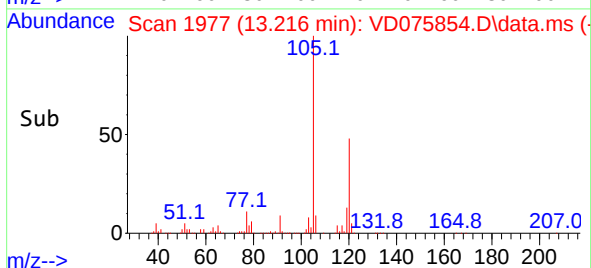
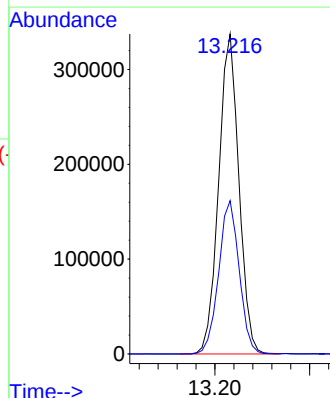
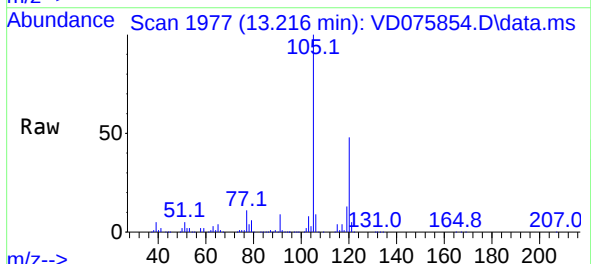
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

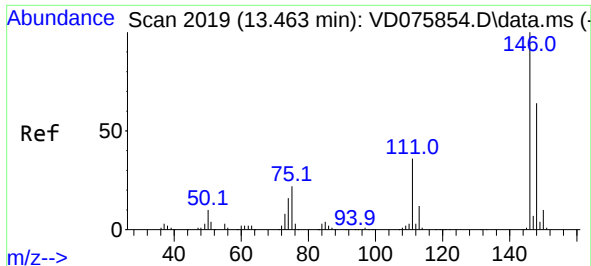
Tgt Ion:105 Resp: 515418
Ion Ratio Lower Upper
105 100
120 52.8 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 28.126 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:105 Resp: 500691
Ion Ratio Lower Upper
105 100
120 48.5 39.0 58.6

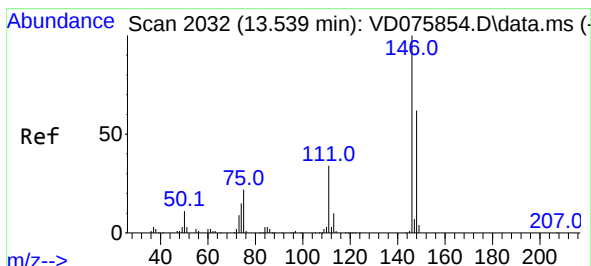
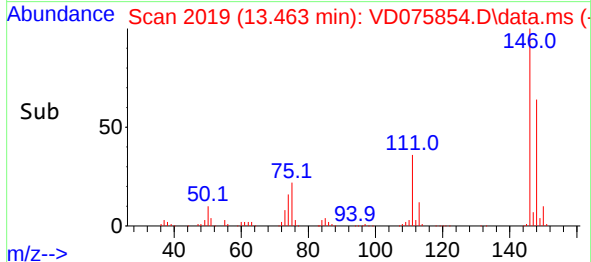
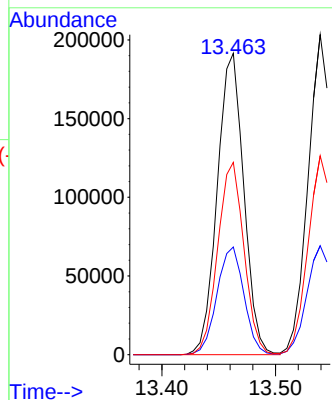
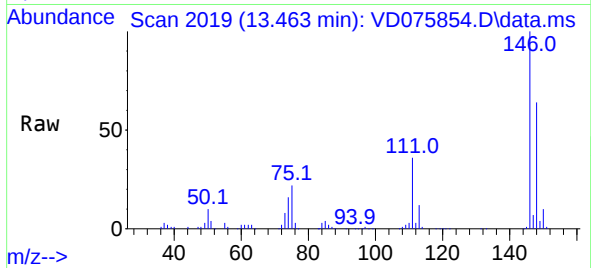




#64
1,3-Dichlorobenzene
Concen: 26.246 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

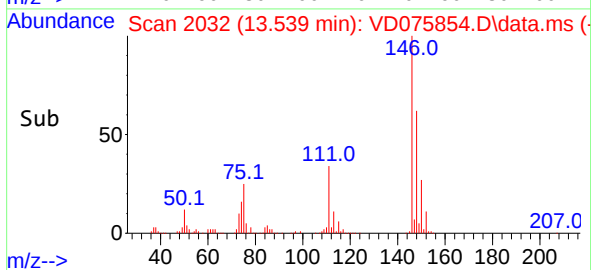
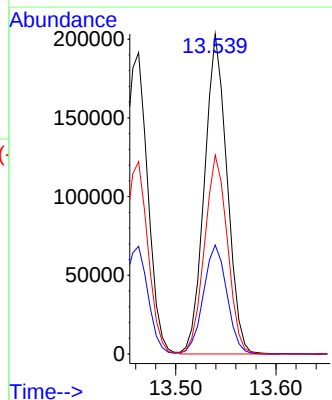
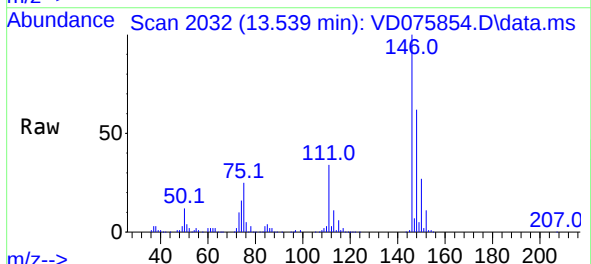
Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

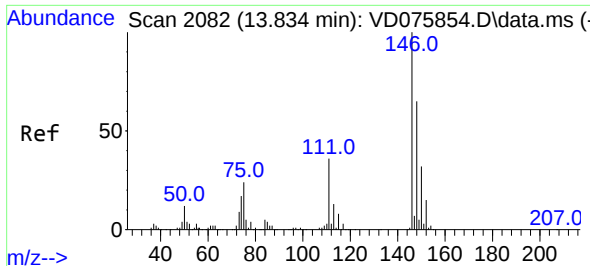
Tgt Ion:146 Resp: 310999
Ion Ratio Lower Upper
146 100
111 35.7 26.5 49.1
148 63.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.671 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:146 Resp: 319255
Ion Ratio Lower Upper
146 100
111 34.0 24.6 45.8
148 62.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.021 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075854.D

Acq: 27 Apr 2023 11:12

Instrument :

MSVOA_D

ClientSampleId :

VSTD025135

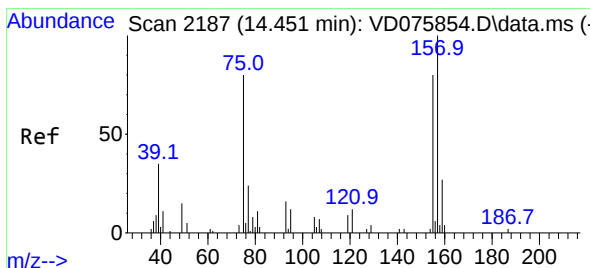
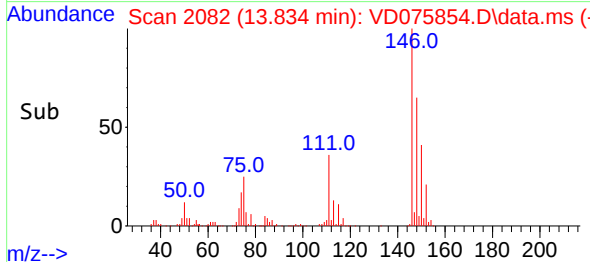
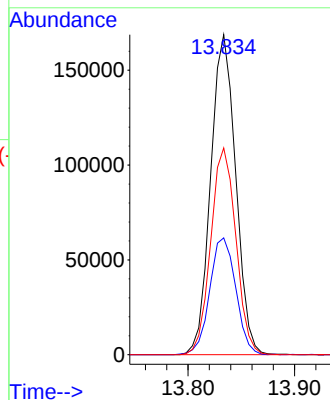
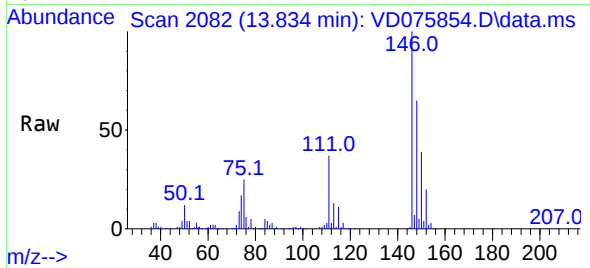
Tgt Ion:146 Resp: 275345

Ion Ratio Lower Upper

146 100

111 36.5 30.6 46.0

148 64.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.934 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075854.D

Acq: 27 Apr 2023 11:12

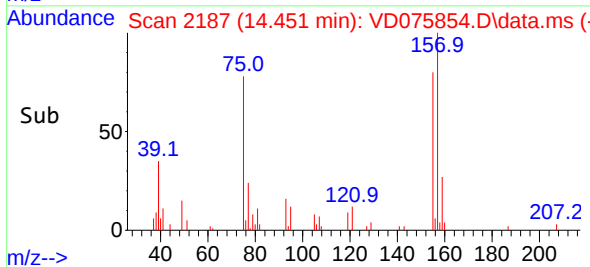
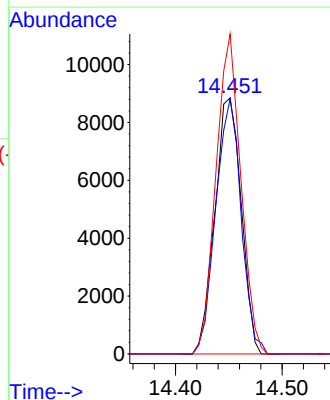
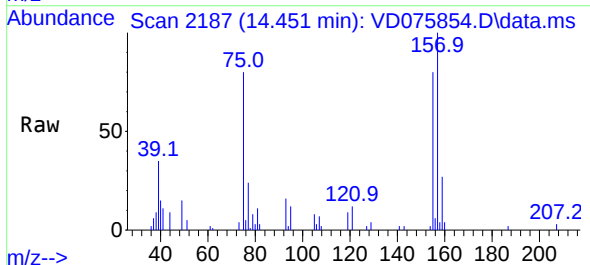
Tgt Ion: 75 Resp: 15211

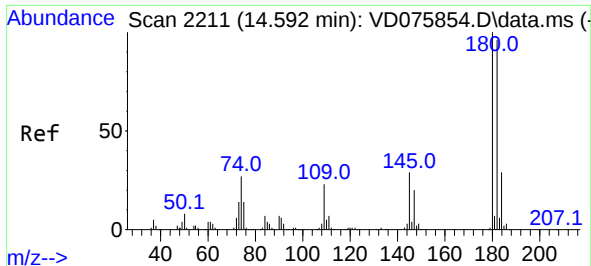
Ion Ratio Lower Upper

75 100

155 99.6 74.6 111.8

157 125.0 109.4 164.2



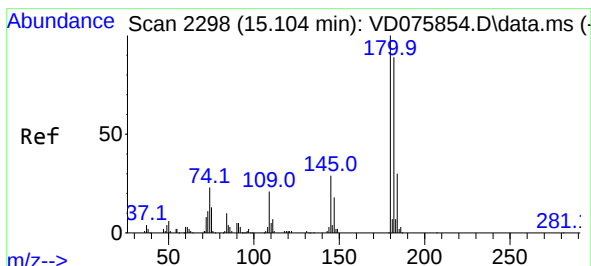
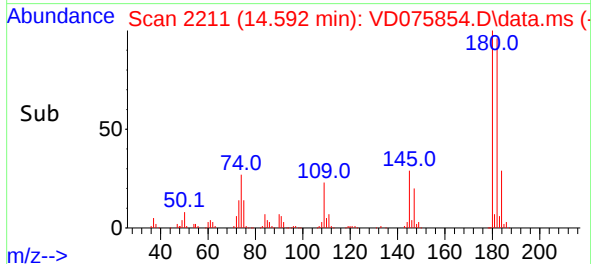
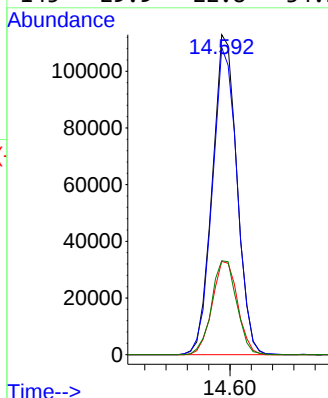
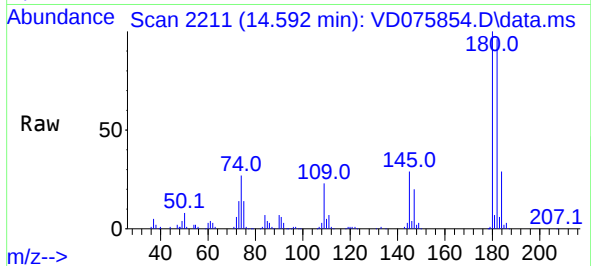


#69
1,3,5-Trichlorobenzene
Concen: 22.803 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

Tgt Ion:180 Resp: 181106

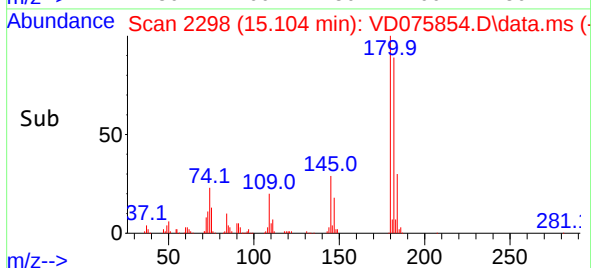
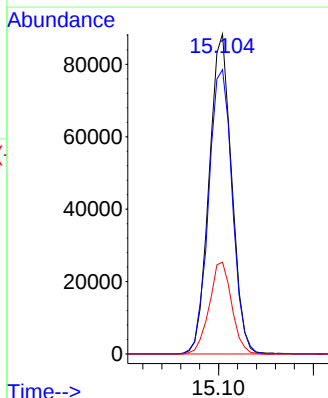
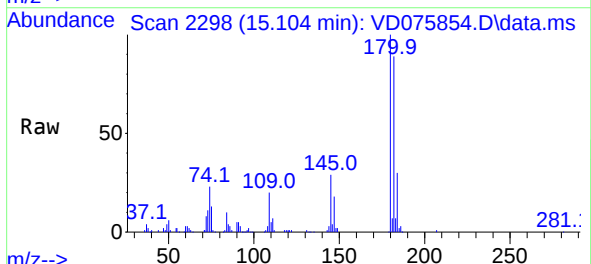
Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.9	112.3
184	30.0	25.0	37.4
145	29.9	22.8	34.2

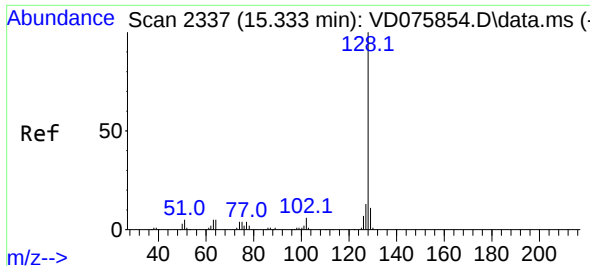


#70
1,2,4-trichlorobenzene
Concen: 22.125 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:180 Resp: 145620

Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.4	113.2
145	28.5	23.6	35.4

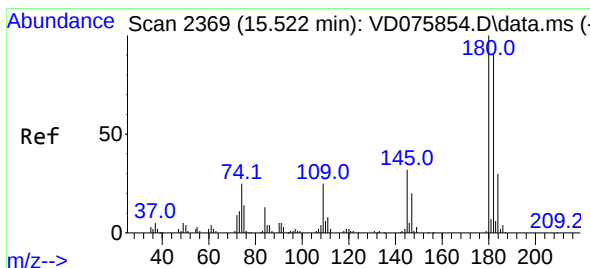
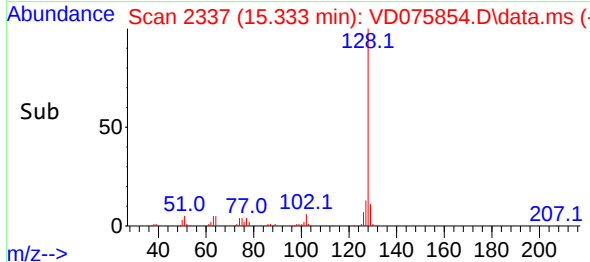
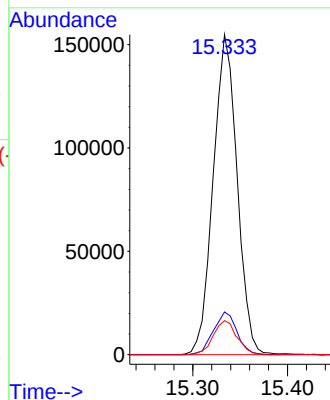
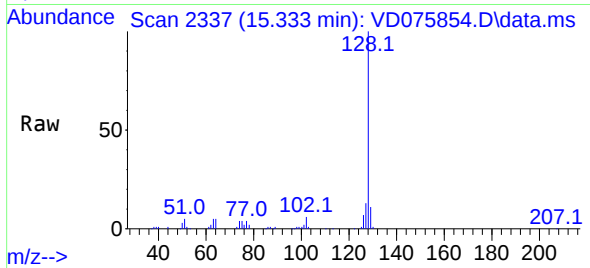




#71
Naphthalene
Concen: 22.571 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Instrument :
MSVOA_D
ClientSampleId :
VSTD025135

Tgt Ion:	128	Resp:	271857
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.5	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 22.809 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075854.D
Acq: 27 Apr 2023 11:12

Tgt Ion:	180	Resp:	134006
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.3	114.5
145	31.7	25.0	37.6

