

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075839.D
 Acq On : 26 Apr 2023 17:09
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

Quant Time: Apr 27 01:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	371993	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	333936	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	182668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	197382	24.187	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
7) Chloroethane-d5	2.805	69	172411	24.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	3.923	65	47265	25.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.480%
21) 2-Butanone-d5	6.987	46	36988	52.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.420%
24) Chloroform-d	7.569	84	234782	25.239	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	8.228	65	101707	25.603	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.199	84	502673	25.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.320%
36) 1,2-Dichloropropane-d6	9.210	67	138517	25.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	10.269	98	477739	26.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.880%
43) trans-1,3-Dichloroprop...	10.528	79	55208	24.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.160%
47) 2-Hexanone-d5	10.875	63	33722	51.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108964	26.432	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	158578	24.543	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	143916	28.064	ug/L	100
3) Chloromethane	2.146	50	175247	24.514	ug/L	96
5) Vinyl chloride	2.287	62	230367	24.656	ug/L	98
6) Bromomethane	2.699	94	149673	23.840	ug/L	99
8) Chloroethane	2.840	64	145610	24.098	ug/L	95
9) Trichlorofluoromethane	3.176	101	194601	25.922	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	137557	27.275	ug/L	97
12) 1,1-Dichloroethene	3.940	96	127910	26.151	ug/L	95
13) Acetone	4.023	43	29606	48.834	ug/L	96
14) Carbon disulfide	4.275	76	420454	24.611	ug/L	98
15) Methyl Acetate	4.564	43	32634	24.838	ug/L #	58
16) Methylene chloride	4.805	84	146888	19.465	ug/L	97
17) trans-1,2-Dichloroethene	5.317	96	137010	24.982	ug/L	99
18) Methyl tert-butyl Ether	5.317	73	211137	24.000	ug/L	99
19) 1,1-Dichloroethane	6.111	63	201237	25.047	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	139795	24.106	ug/L	98
22) 2-Butanone	7.087	43	40582	51.345	ug/L	97
23) Bromochloromethane	7.428	128	67053	24.932	ug/L #	95
25) Chloroform	7.599	83	223244	24.792	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075839.D
 Acq On : 26 Apr 2023 17:09
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

Quant Time: Apr 27 01:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

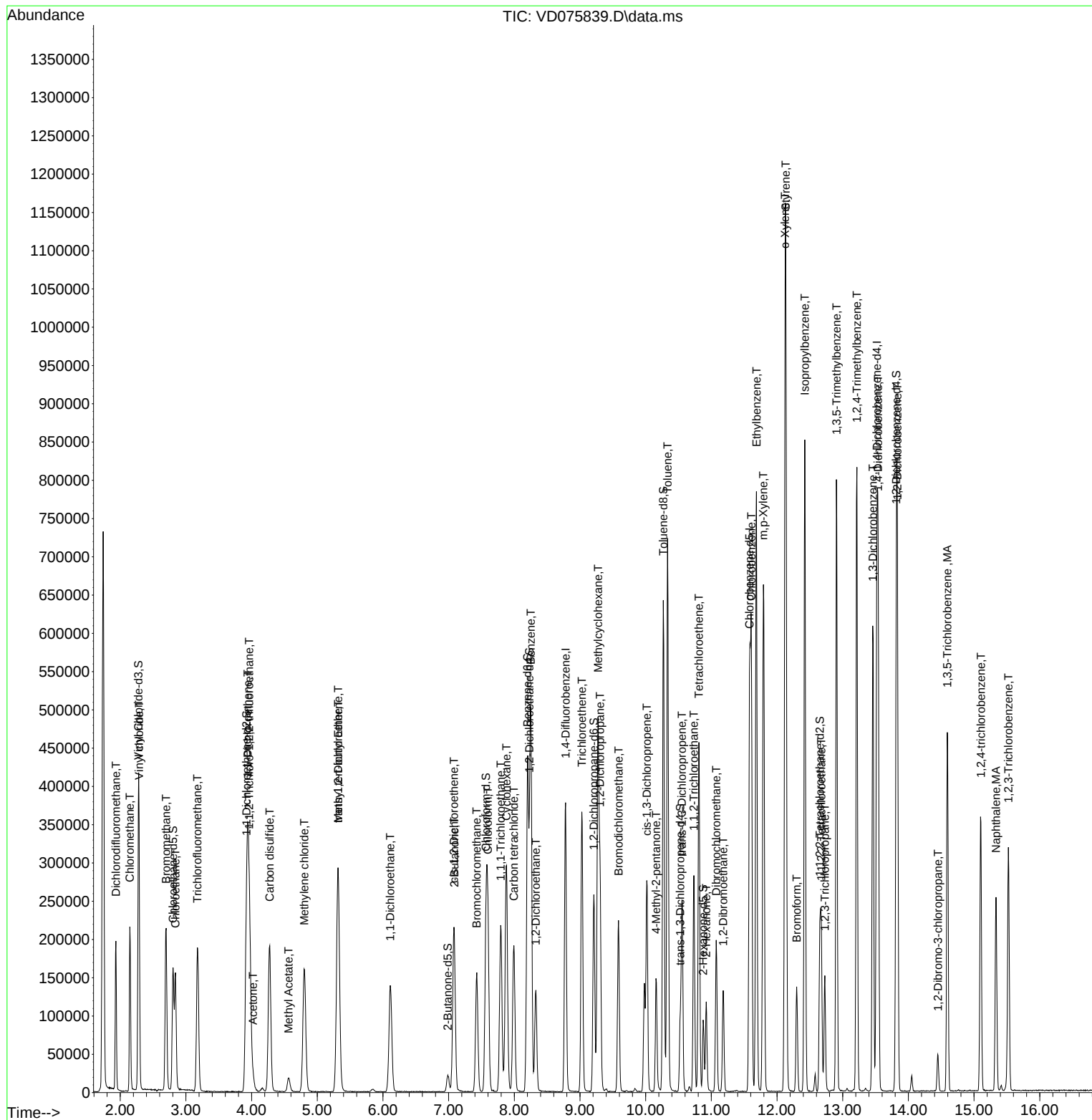
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	115483	24.846	ug/L	100
29) Cyclohexane	7.881	56	161357	28.226	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	184236	26.076	ug/L	99
31) Carbon tetrachloride	7.993	117	150793	26.602	ug/L	99
33) Benzene	8.252	78	524417	25.962	ug/L	100
34) Trichloroethene	9.028	95	135188	25.880	ug/L	98
35) Methylcyclohexane	9.275	83	224574	27.885	ug/L	100
37) 1,2-Dichloropropane	9.305	63	122568	26.416	ug/L	99
38) Bromodichloromethane	9.587	83	158065	25.265	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	182487	24.730	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	88557	52.347	ug/L	98
42) Toluene	10.334	91	578293	26.456	ug/L	97
44) trans-1,3-Dichloropropene	10.552	75	149294	25.185	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	98029	24.834	ug/L	95
46) Tetrachloroethene	10.810	164	113576	26.508	ug/L	96
48) 2-Hexanone	10.922	43	65306	54.758	ug/L	93
49) Dibromochloromethane	11.075	129	108421	25.230	ug/L	100
50) 1,2-Dibromoethane	11.181	107	91058	25.586	ug/L	97
51) Chlorobenzene	11.610	112	361862	25.305	ug/L	100
52) Ethylbenzene	11.687	91	587341	26.203	ug/L	99
53) m,p-Xylene	11.793	106	235704	26.408	ug/L	98
54) o-Xylene	12.122	106	225404	26.589	ug/L	99
55) Styrene	12.134	104	396216	26.853	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	100656	25.061	ug/L	96
59) Bromoform	12.299	173	63048	22.521	ug/L	100
60) Isopropylbenzene	12.422	105	574451	23.717	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63859	22.254	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	433903	24.024	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	446408	25.640	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	288504	24.894	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	287033	23.599	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	259217	25.046	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	12270	21.389	ug/L	96
69) 1,3,5-Trichlorobenzene	14.593	180	161500	20.791	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	127816	19.856	ug/L	99
71) Naphthalene	15.334	128	243109	20.637	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	118490	20.621	ug/L	99

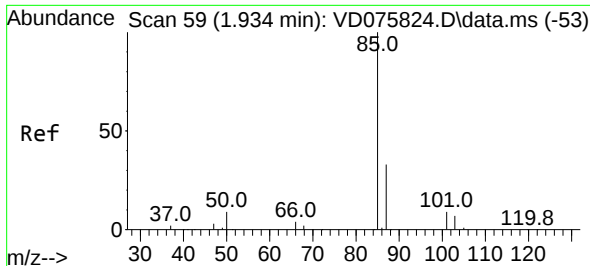
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
Data File : VD075839.D
Acq On : 26 Apr 2023 17:09
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

Quant Time: Apr 27 01:28:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 27 01:23:50 2023
Response via : Initial Calibration

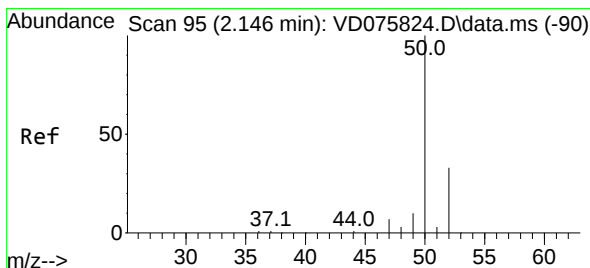
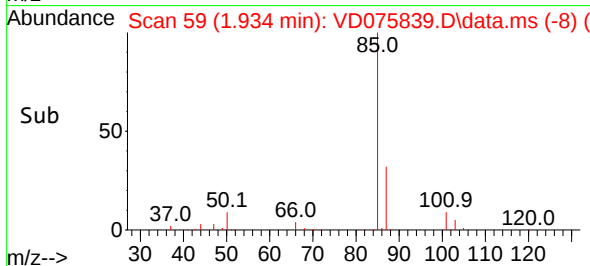
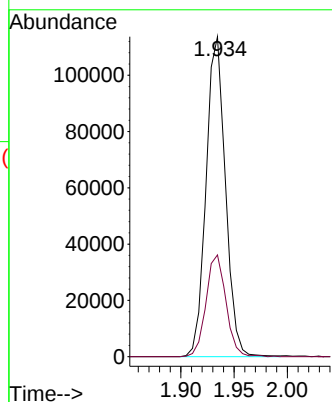
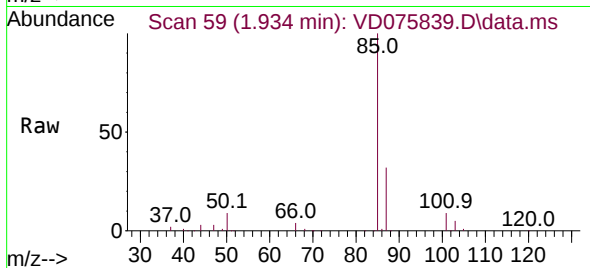




#2
 Dichlorodifluoromethane
 Concen: 28.064 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

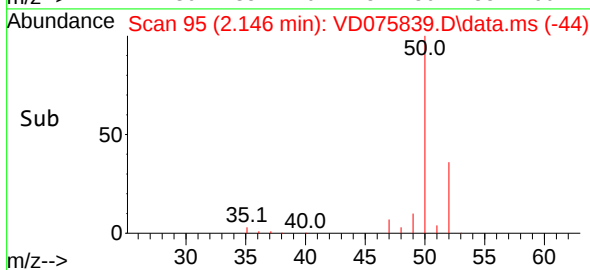
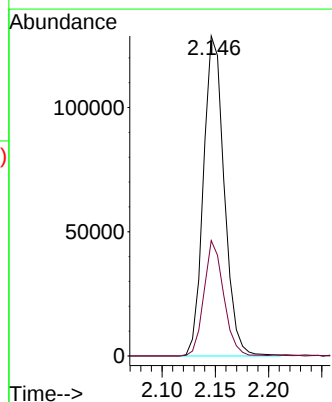
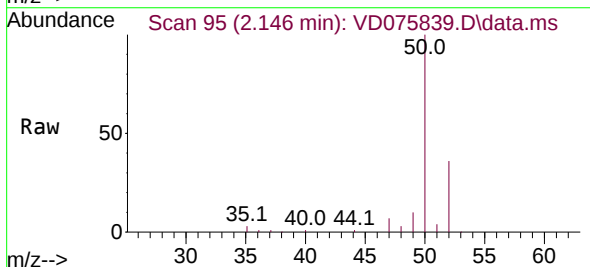
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

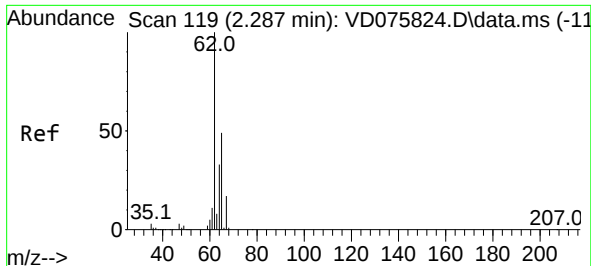
Tgt Ion: 85 Resp: 143916
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 24.514 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

Tgt Ion: 50 Resp: 175247
 Ion Ratio Lower Upper
 50 100
 52 36.1 23.7 44.1

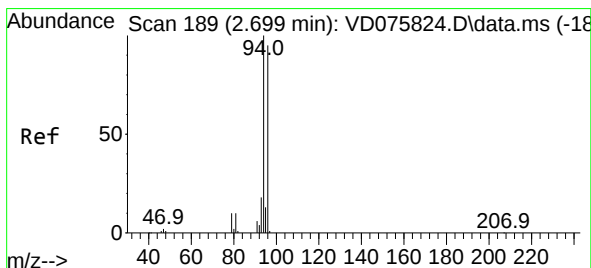
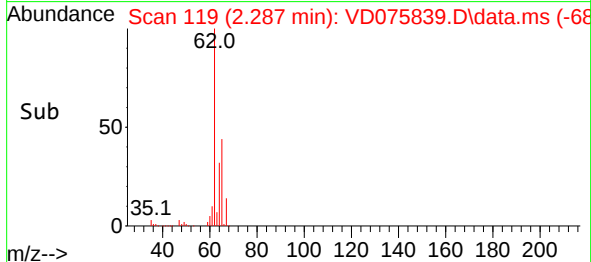
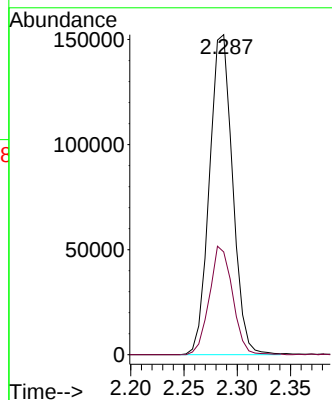
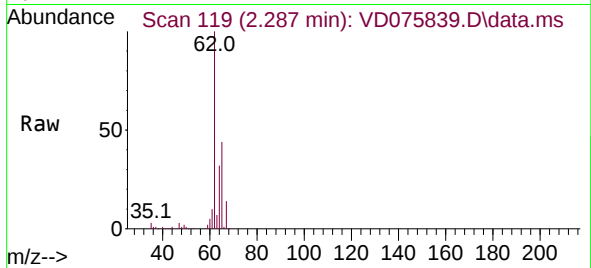




#5
 Vinyl chloride
 Concen: 24.656 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

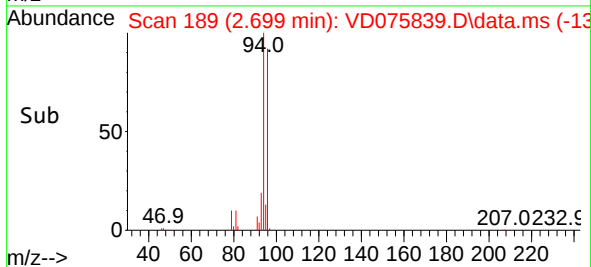
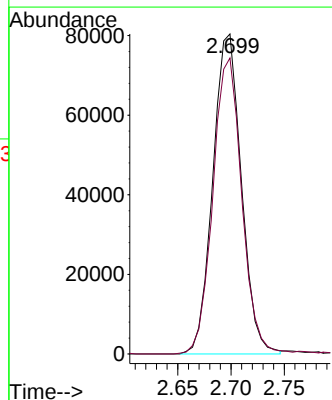
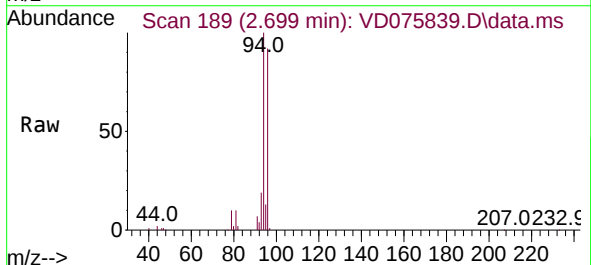
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

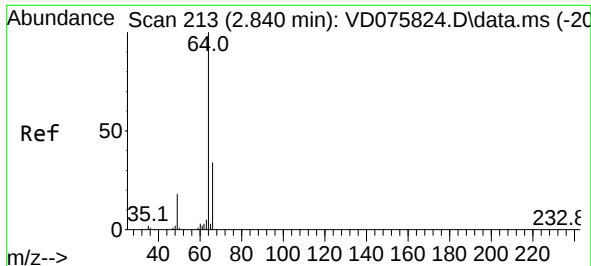
Tgt Ion: 62 Resp: 230367
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.2 43.0



#6
 Bromomethane
 Concen: 23.840 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

Tgt Ion: 94 Resp: 149673
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

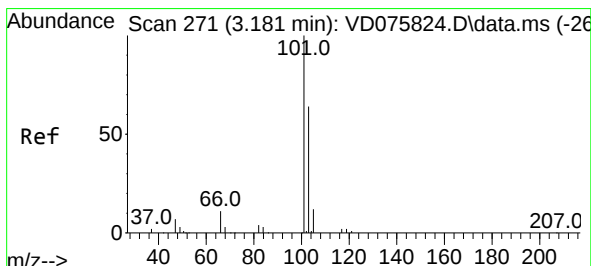
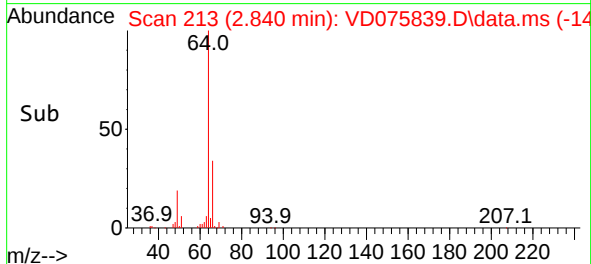
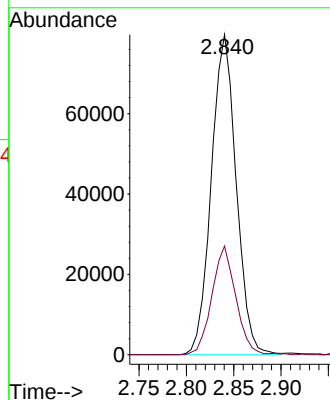
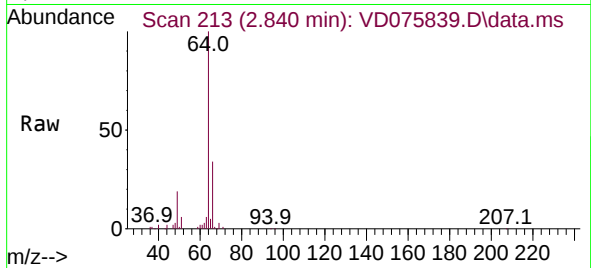




#8
Chloroethane
Concen: 24.098 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

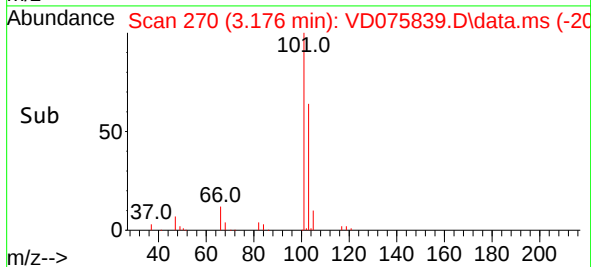
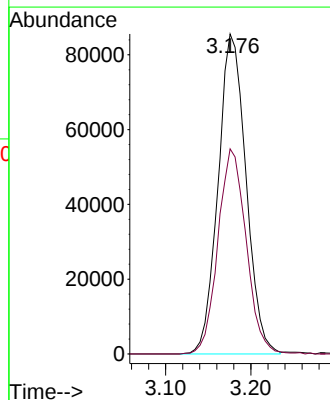
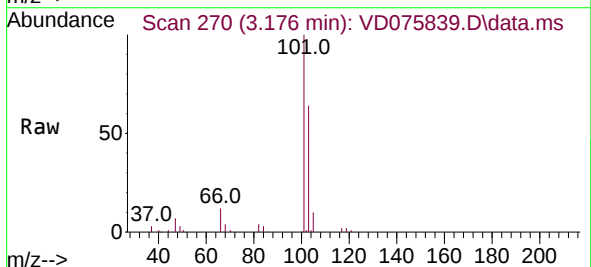
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

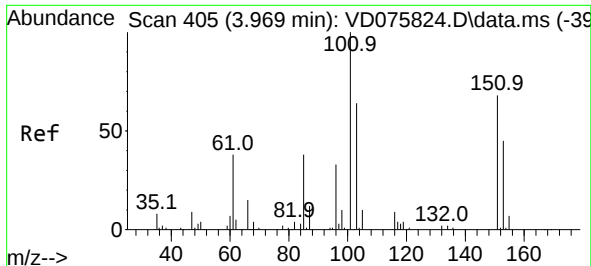
Tgt Ion: 64 Resp: 145610
Ion Ratio Lower Upper
64 100
66 34.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.922 ug/L
RT: 3.176 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 101 Resp: 194601
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

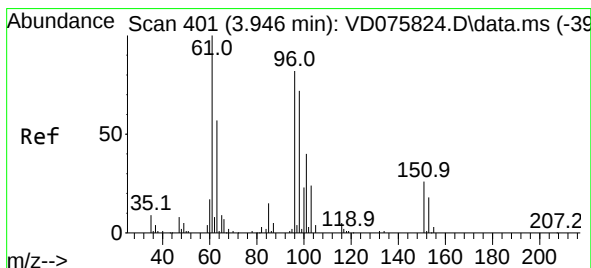
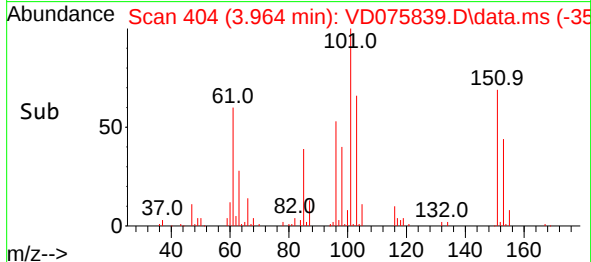
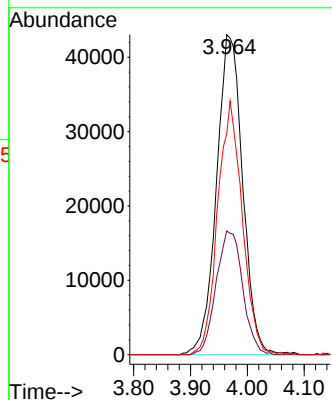
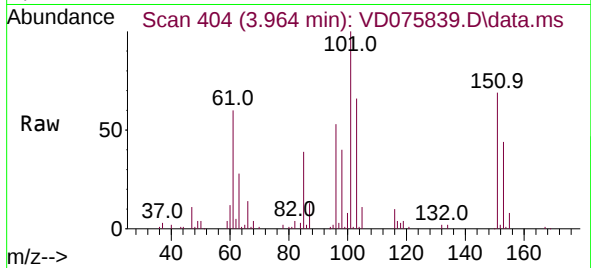




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.275 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

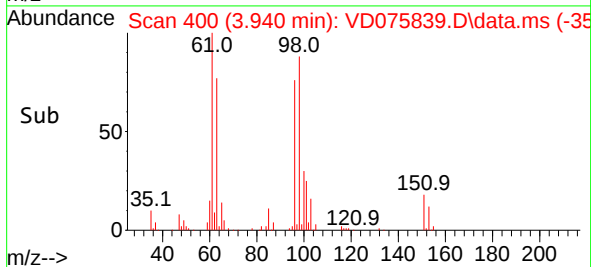
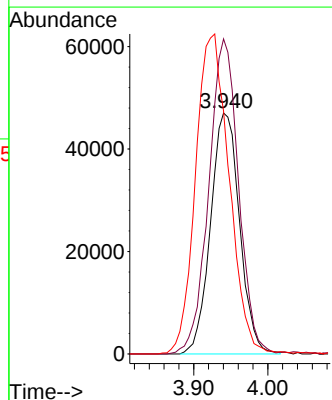
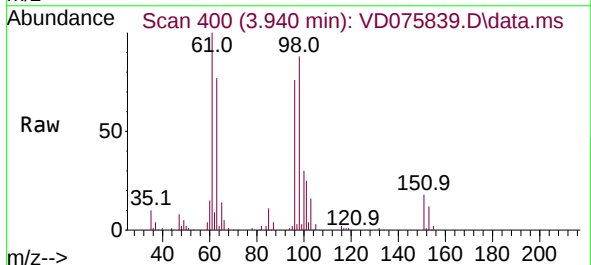
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

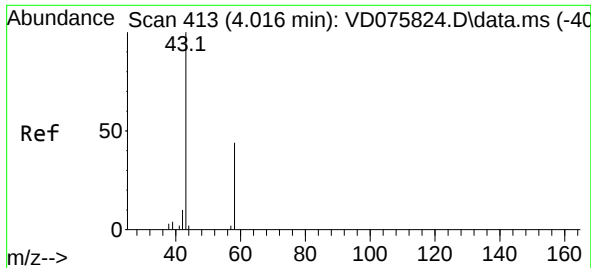
Tgt Ion:101 Resp: 137557
 Ion Ratio Lower Upper
 101 100
 85 39.2 32.9 49.3
 151 74.4 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.151 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

Tgt Ion: 96 Resp: 127910
 Ion Ratio Lower Upper
 96 100
 61 130.7 92.6 172.0
 63 100.8 77.4 143.8





#13

Acetone

Concen: 48.834 ug/L

RT: 4.023 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

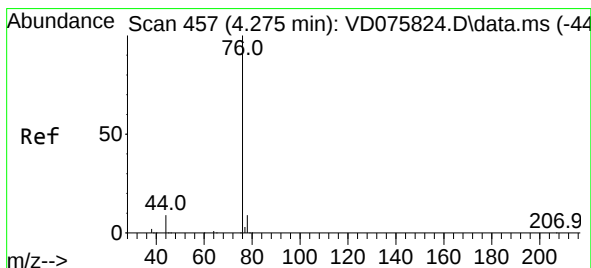
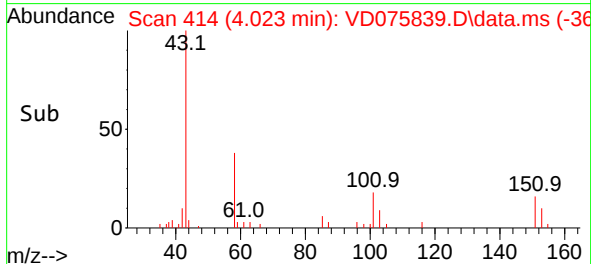
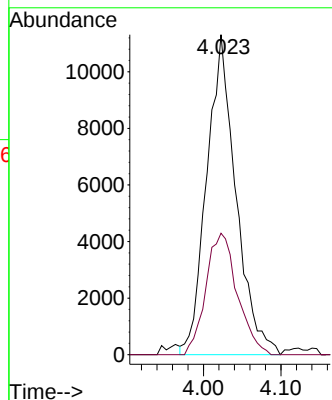
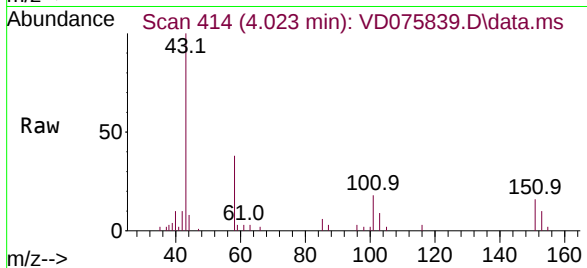
VSTD025133

Tgt Ion: 43 Resp: 29606

Ion Ratio Lower Upper

43 100

58 40.8 0.0 87.4



#14

Carbon disulfide

Concen: 24.611 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075839.D

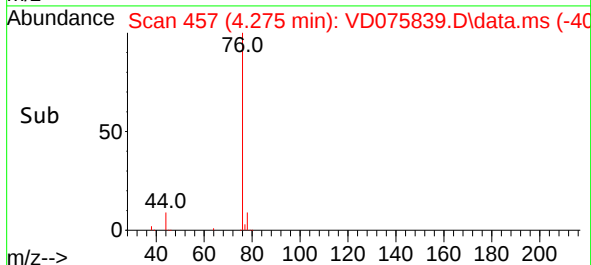
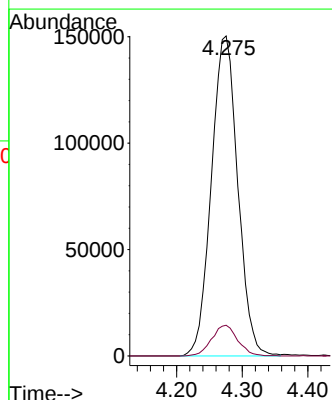
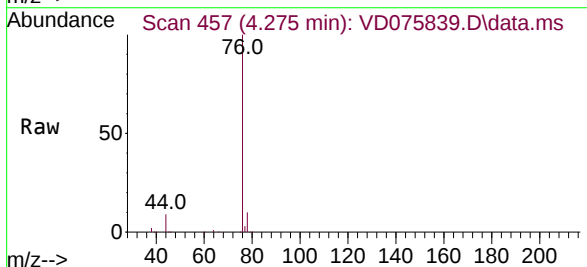
Acq: 26 Apr 2023 17:09

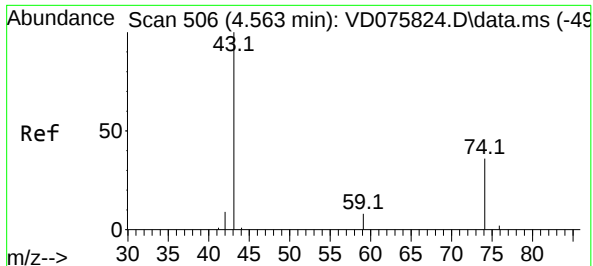
Tgt Ion: 76 Resp: 420454

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

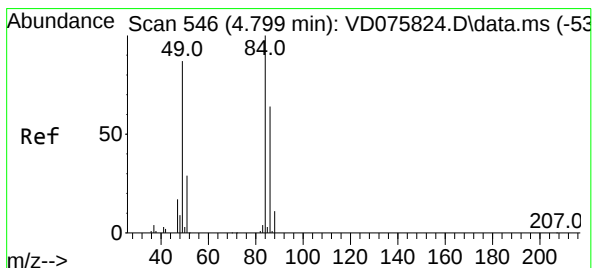
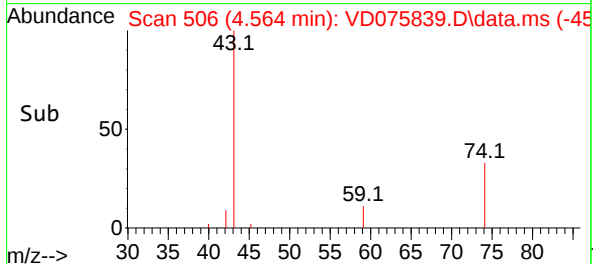
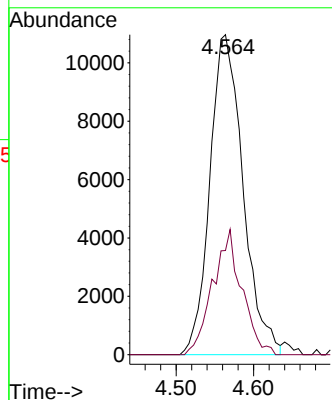
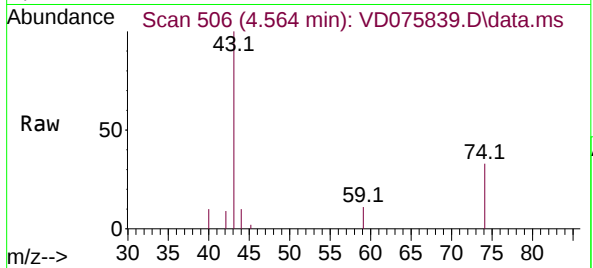




#15
Methyl Acetate
Concen: 24.838 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

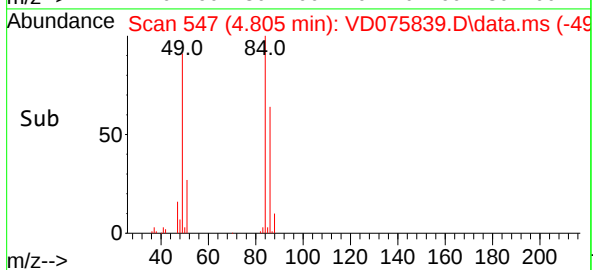
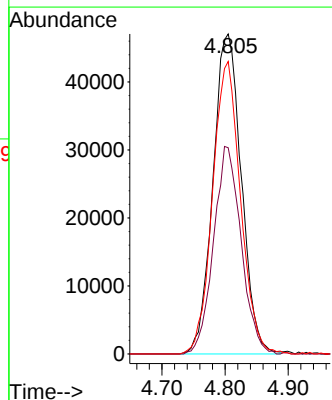
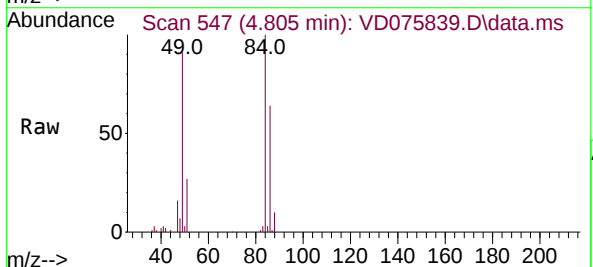
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

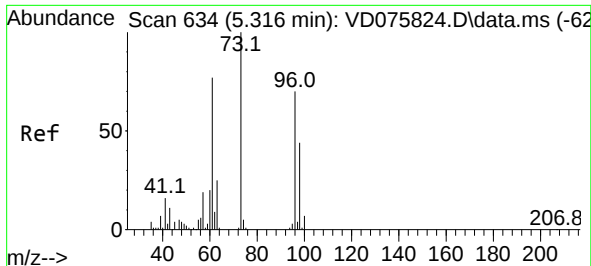
Tgt Ion: 43 Resp: 32634
Ion Ratio Lower Upper
43 100
74 33.7 12.8 19.2#



#16
Methylene chloride
Concen: 19.465 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 84 Resp: 146888
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 91.4 60.8 112.8

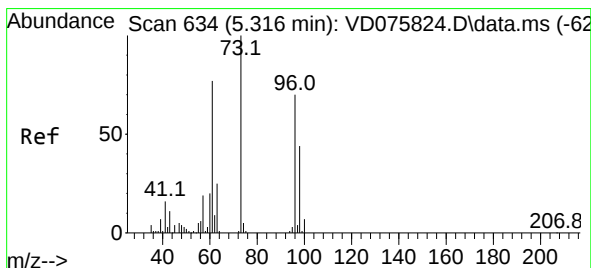
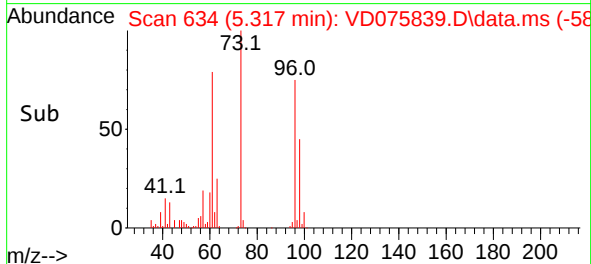
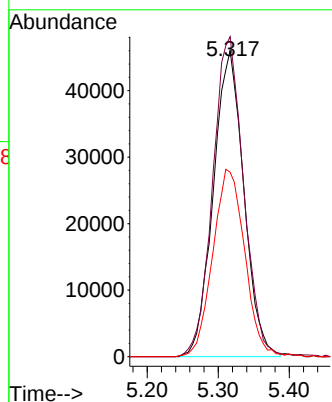
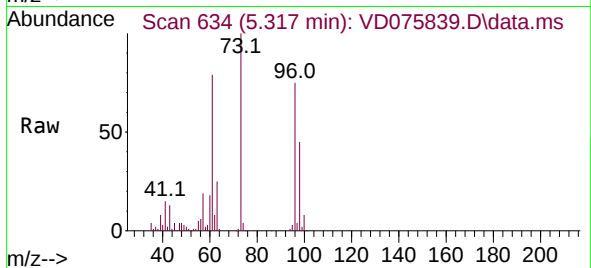




#17
trans-1,2-Dichloroethene
Concen: 24.982 ug/L
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

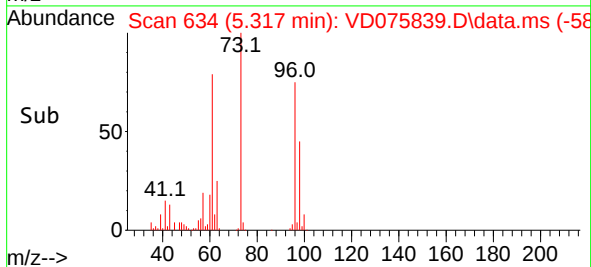
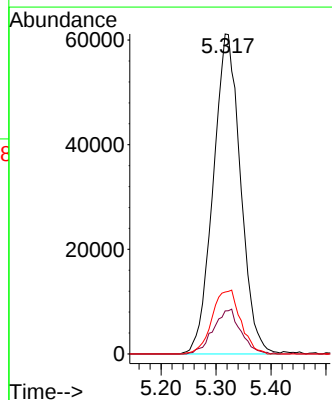
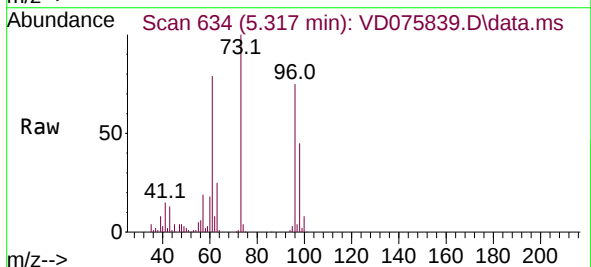
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

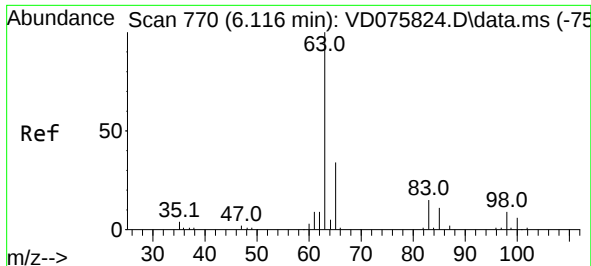
Tgt Ion: 96 Resp: 137010
Ion Ratio Lower Upper
96 100
61 104.6 72.9 135.5
98 60.3 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 24.000 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 73 Resp: 211137
Ion Ratio Lower Upper
73 100
43 14.0 11.3 16.9
57 20.8 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.047 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

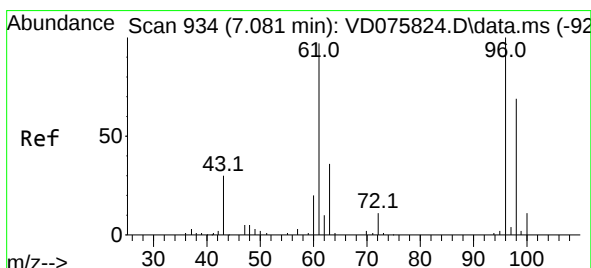
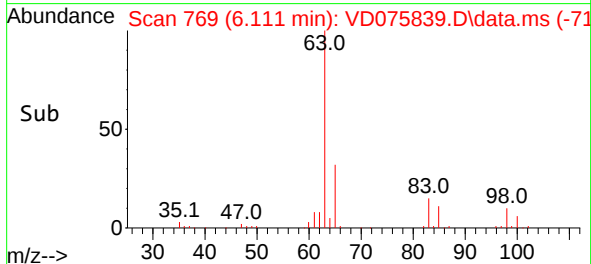
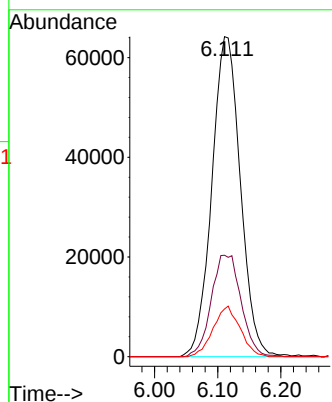
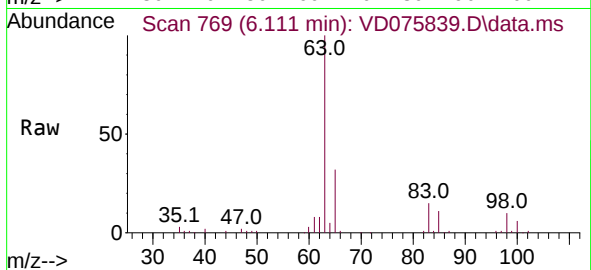
MSVOA_D

ClientSampleId :

VSTD025133

Tgt Ion: 63 Resp: 201237

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.8	42.4
83	14.9	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 24.106 ug/L

RT: 7.081 min Scan# 934

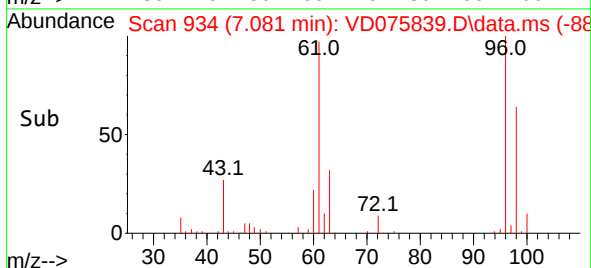
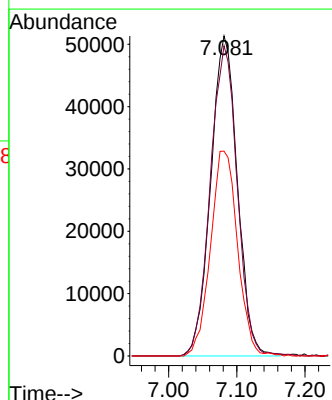
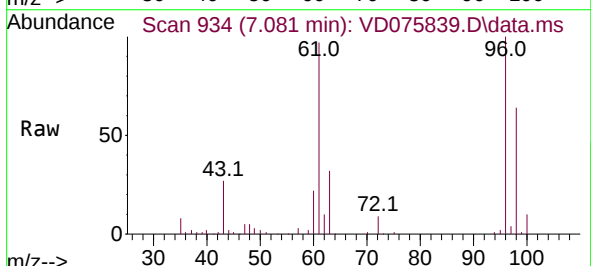
Delta R.T. 0.000 min

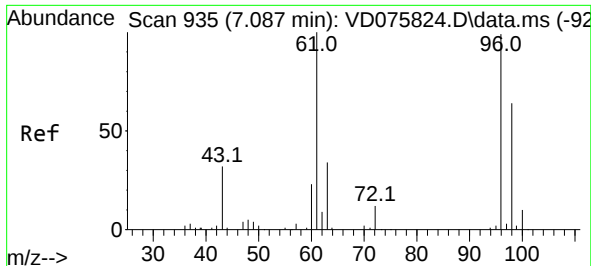
Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Tgt Ion: 96 Resp: 139795

Ion	Ratio	Lower	Upper
96	100		
61	97.0	67.5	125.3
98	64.0	47.5	88.1

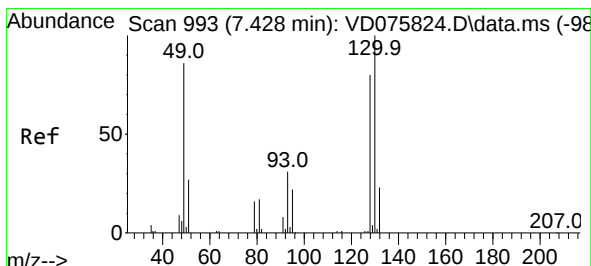
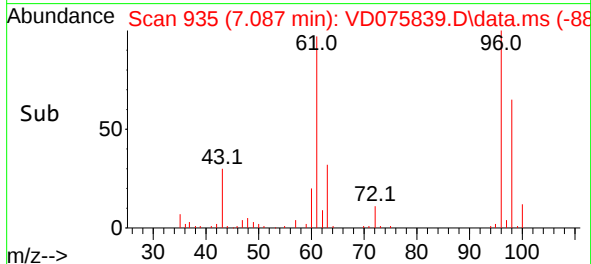
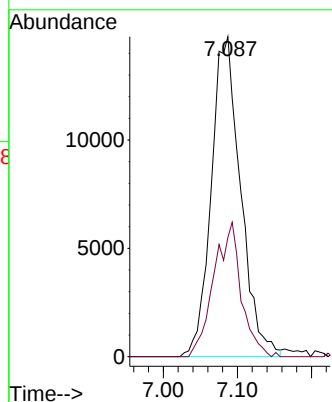
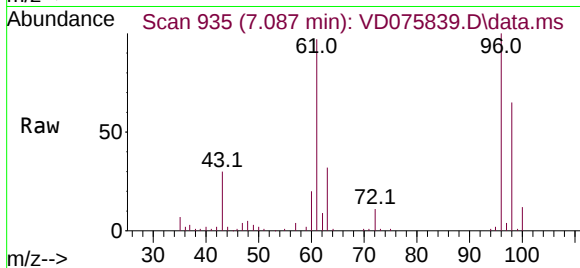




#22
2-Butanone
Concen: 51.345 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

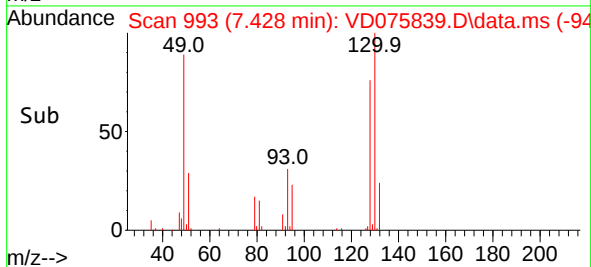
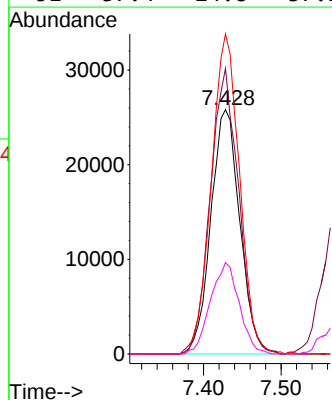
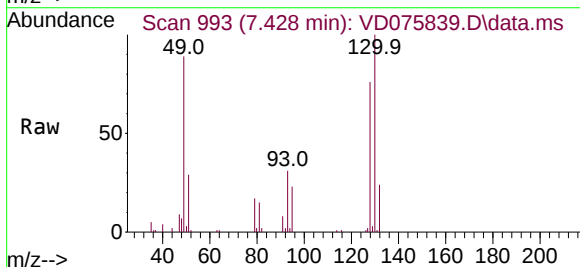
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

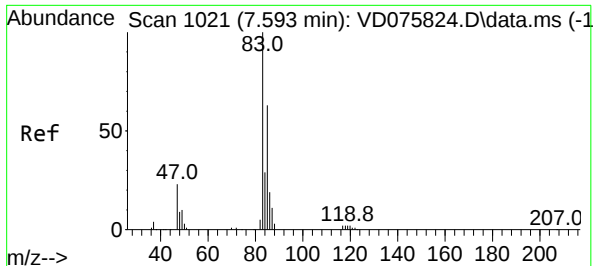
Tgt Ion: 43 Resp: 40582
Ion Ratio Lower Upper
43 100
72 39.1 20.5 61.5



#23
Bromochloromethane
Concen: 24.932 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 128 Resp: 67053
Ion Ratio Lower Upper
128 100
49 116.9 76.4 142.0
130 131.0 93.5 173.7
51 37.4 24.8 37.2#





#25

Chloroform

Concen: 24.792 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

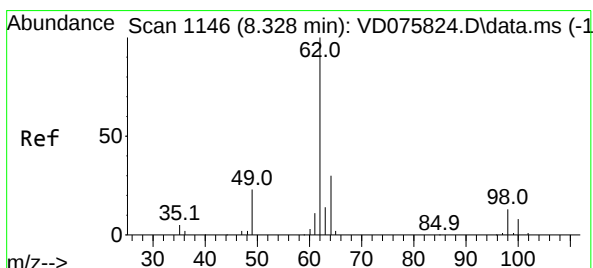
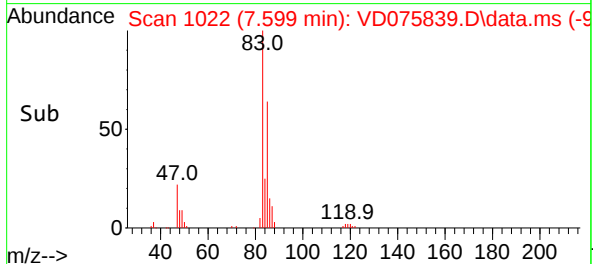
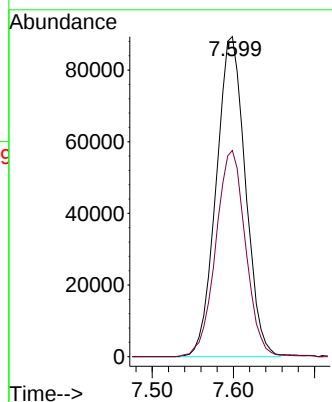
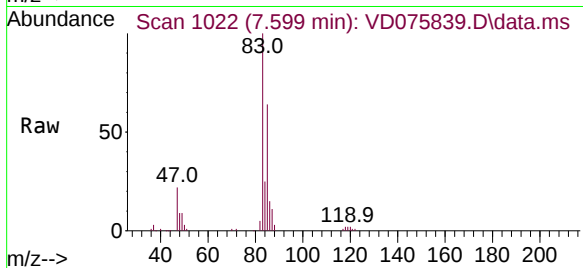
VSTD025133

Tgt Ion: 83 Resp: 223244

Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 24.846 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075839.D

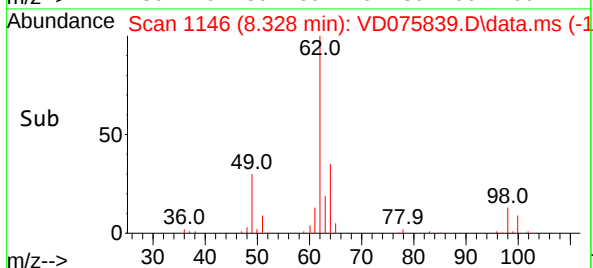
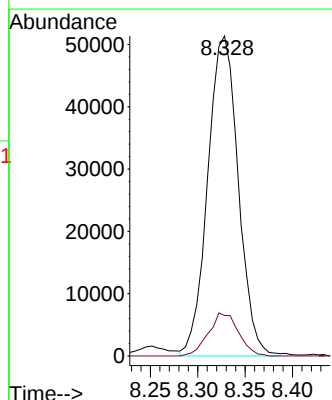
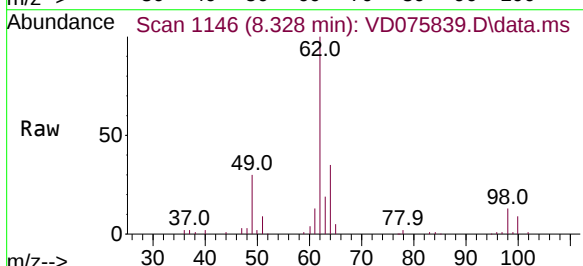
Acq: 26 Apr 2023 17:09

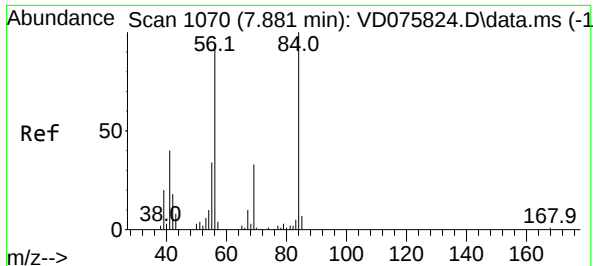
Tgt Ion: 62 Resp: 115483

Ion Ratio Lower Upper

62 100

98 12.6 10.2 15.2





#29

Cyclohexane

Concen: 28.226 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTD025133

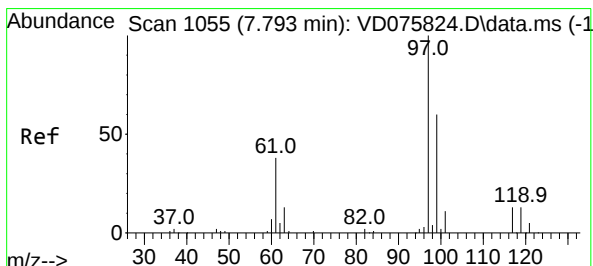
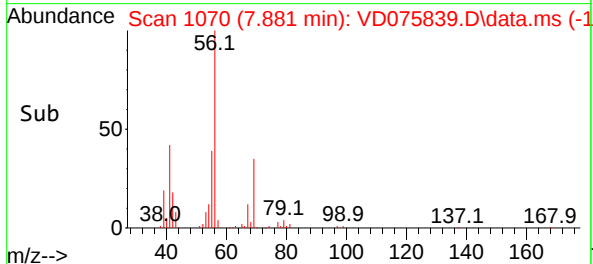
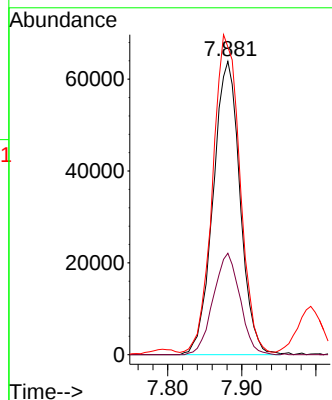
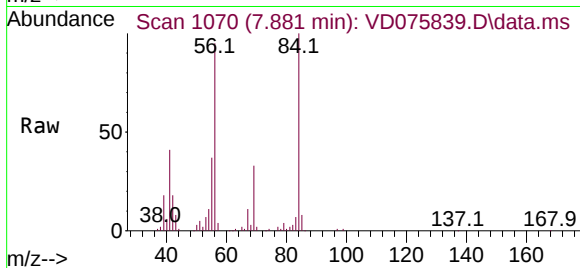
Tgt Ion: 56 Resp: 161357

Ion Ratio Lower Upper

56 100

69 34.2 28.2 42.2

84 110.5 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.076 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

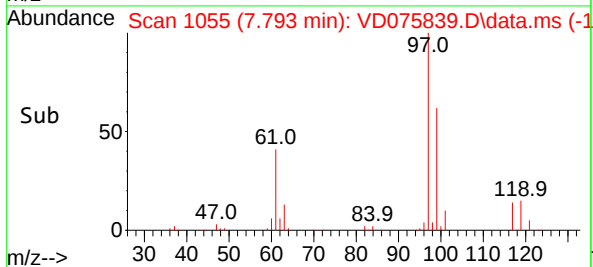
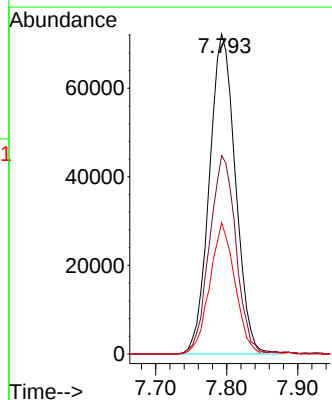
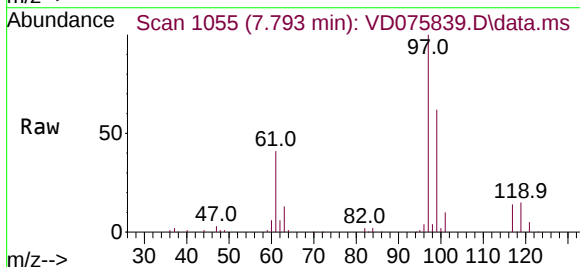
Tgt Ion: 97 Resp: 184236

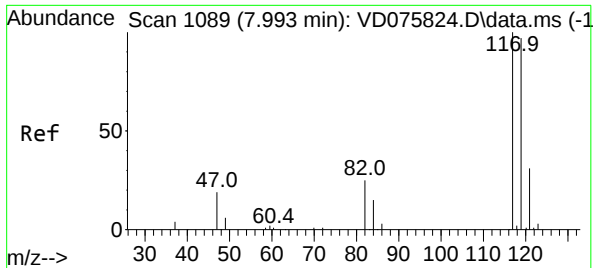
Ion Ratio Lower Upper

97 100

99 62.9 51.5 77.3

61 39.6 32.1 48.1

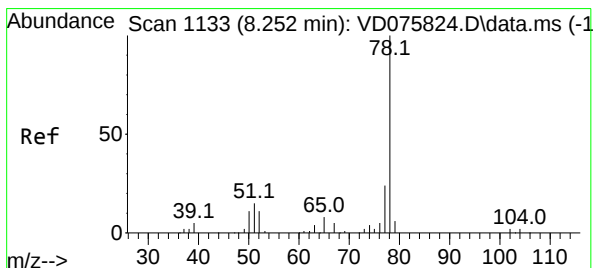
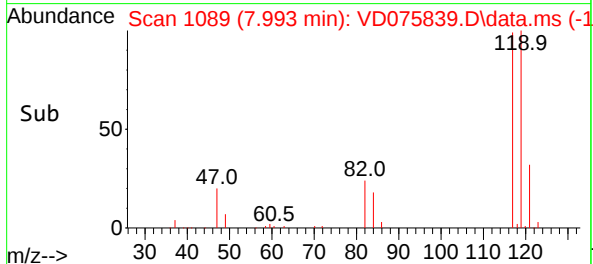
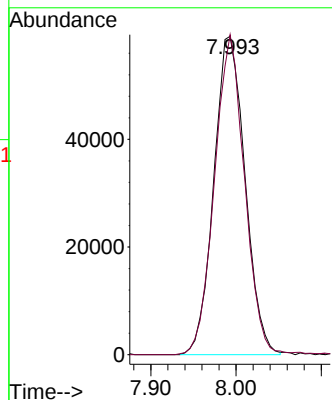
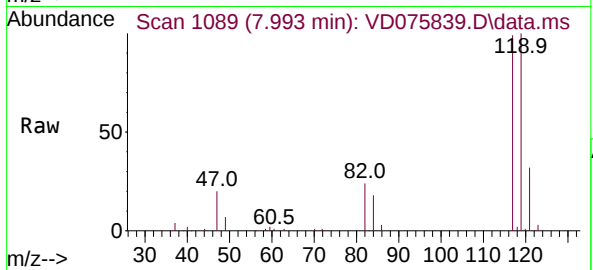




#31
Carbon tetrachloride
Concen: 26.602 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

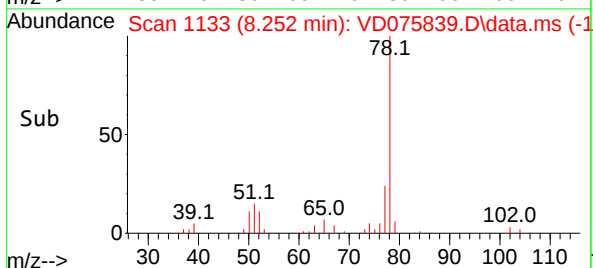
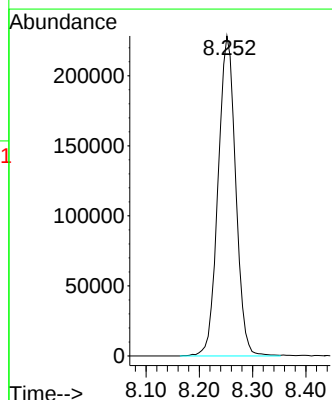
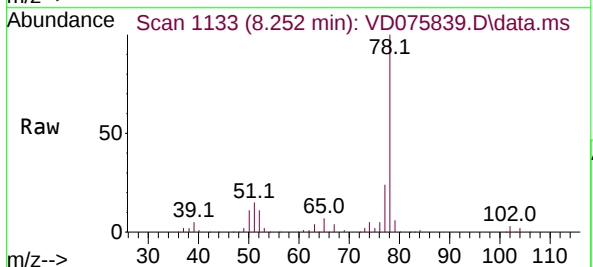
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

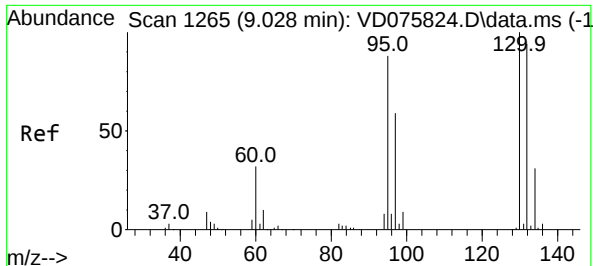
Tgt Ion:117 Resp: 150793
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.4



#33
Benzene
Concen: 25.962 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 78 Resp: 524417

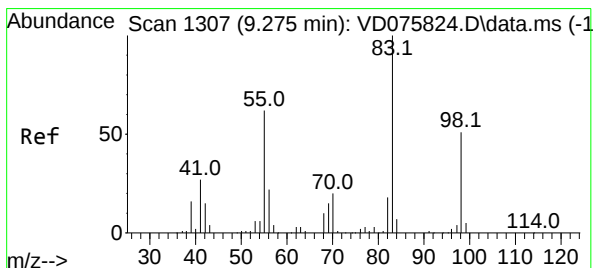
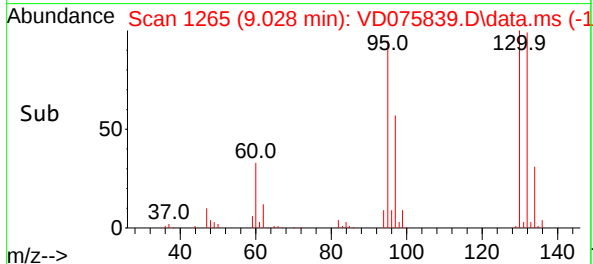
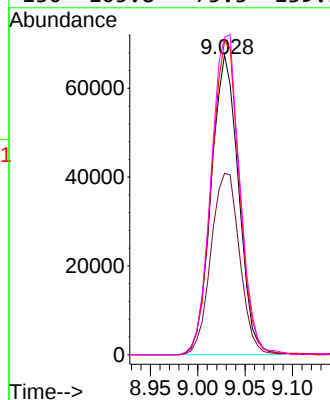
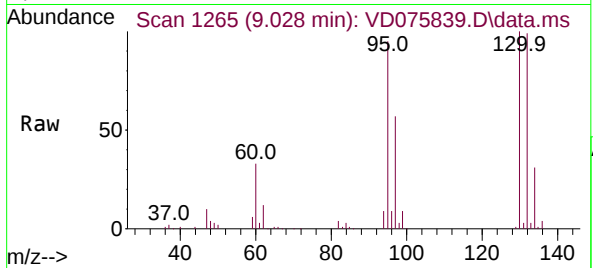




#34
Trichloroethene
Concen: 25.880 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

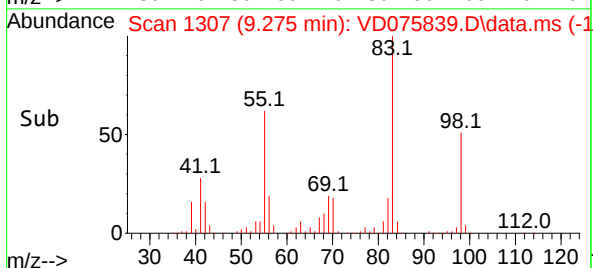
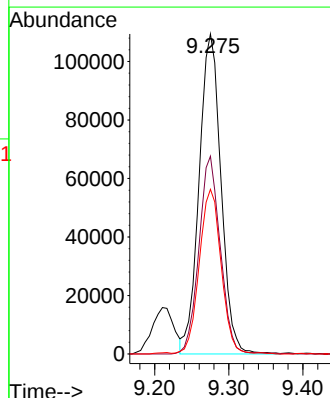
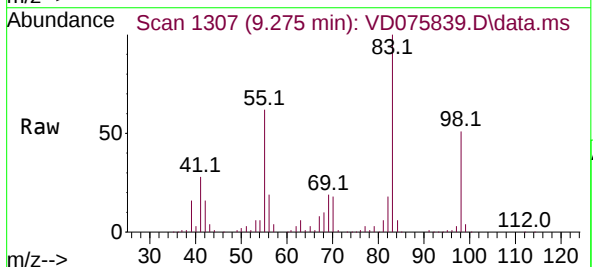
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

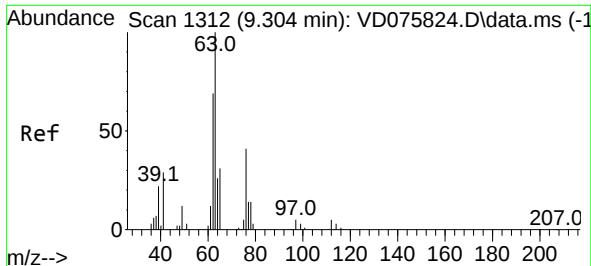
Tgt Ion: 95 Resp: 135188
Ion Ratio Lower Upper
95 100
97 60.5 46.0 85.4
132 104.5 73.3 136.1
130 105.8 75.3 139.9



#35
Methylcyclohexane
Concen: 27.885 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 83 Resp: 224574
Ion Ratio Lower Upper
83 100
55 59.9 48.2 72.2
98 51.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.416 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

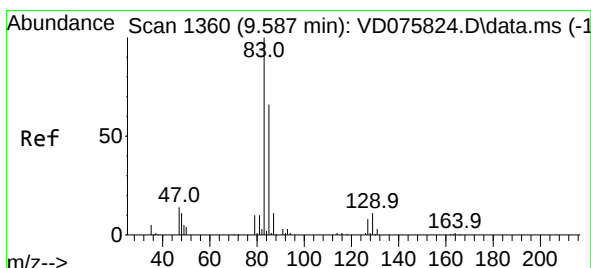
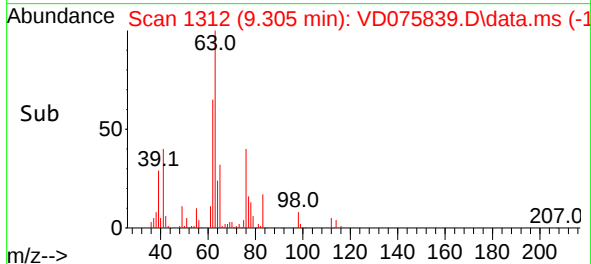
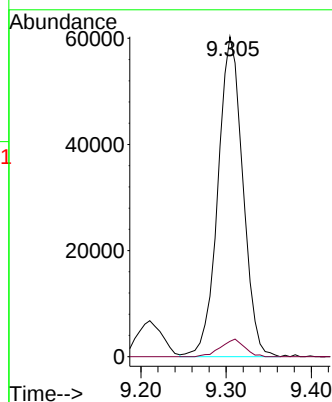
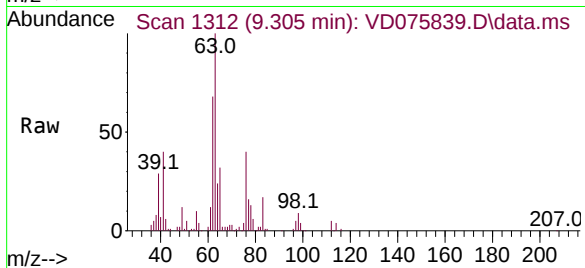
VSTD025133

Tgt Ion: 63 Resp: 122568

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 25.265 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

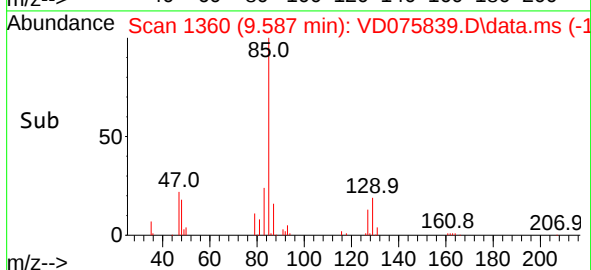
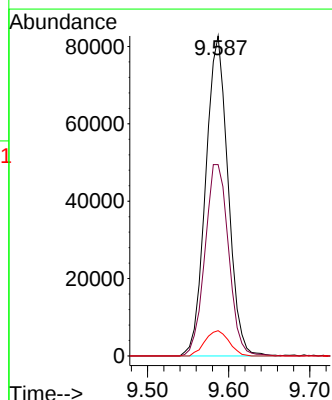
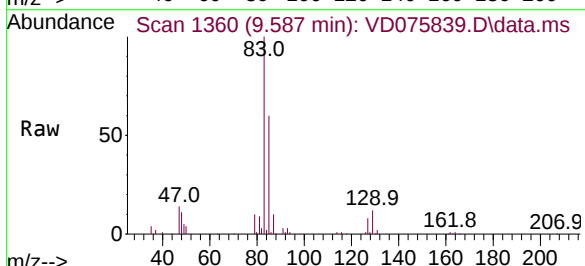
Tgt Ion: 83 Resp: 158065

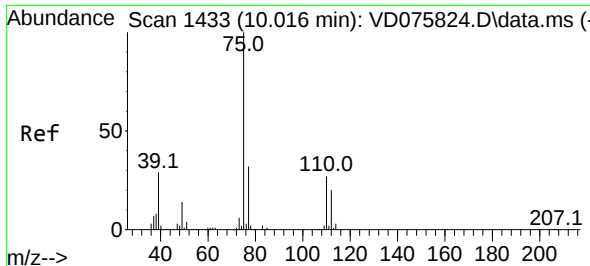
Ion Ratio Lower Upper

83 100

85 59.8 44.2 82.2

127 7.9 6.3 9.5

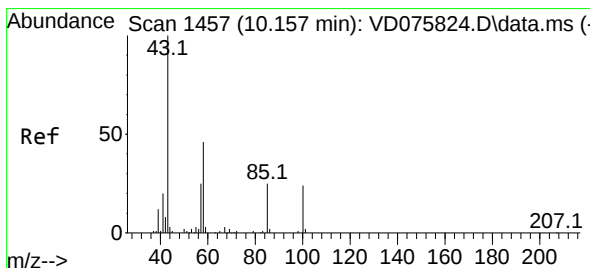
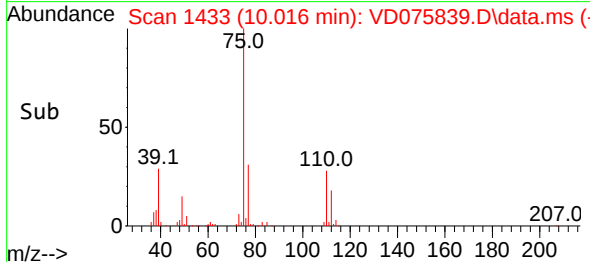
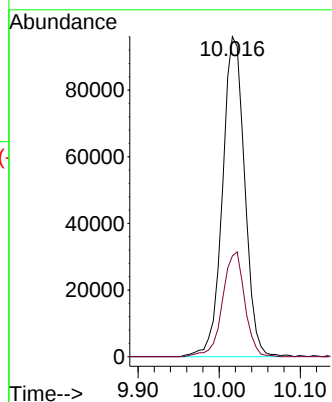
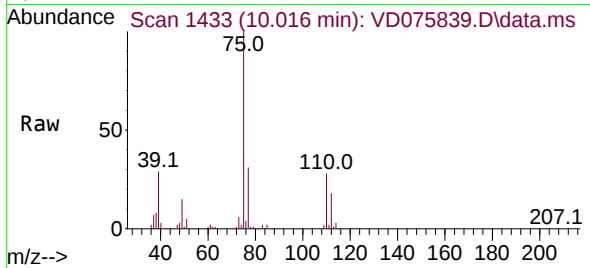




#39
 cis-1,3-Dichloropropene
 Concen: 24.730 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

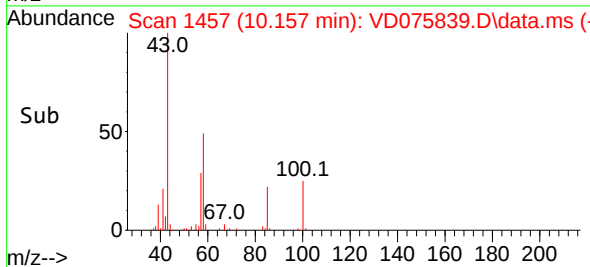
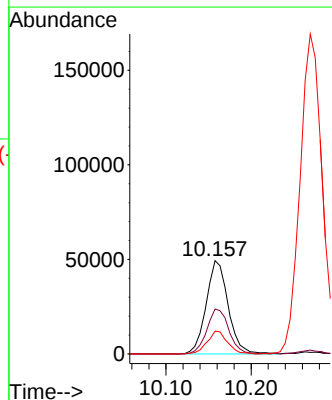
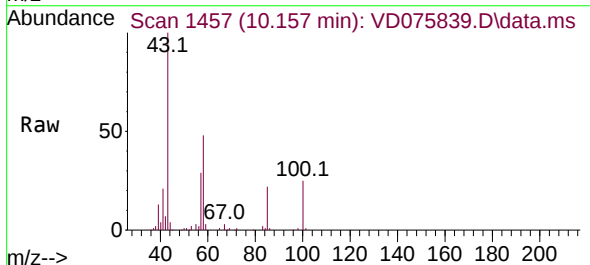
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025133

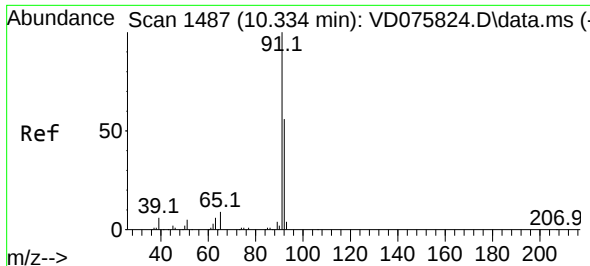
Tgt Ion: 75 Resp: 182487
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 52.347 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD075839.D
 Acq: 26 Apr 2023 17:09

Tgt Ion: 43 Resp: 88557
 Ion Ratio Lower Upper
 43 100
 58 48.4 39.1 58.7
 100 22.5 19.4 29.0

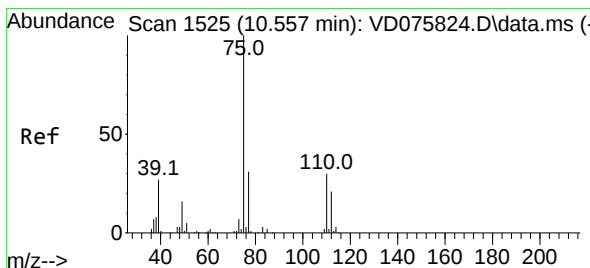
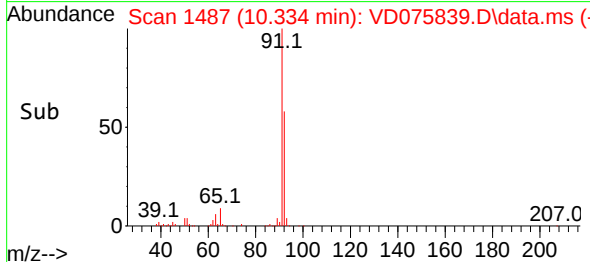
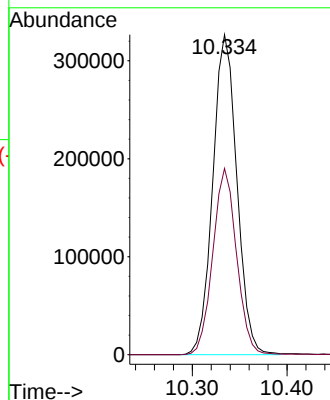
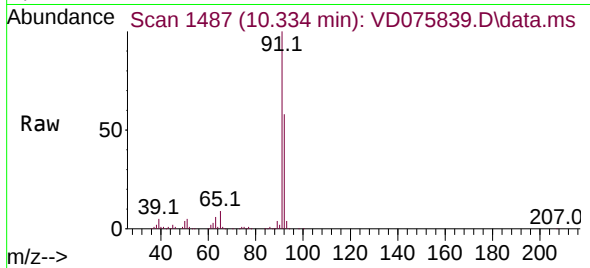




#42
Toluene
Concen: 26.456 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

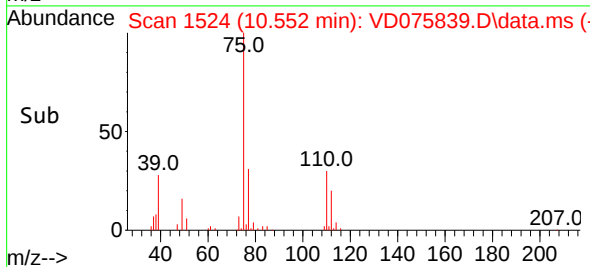
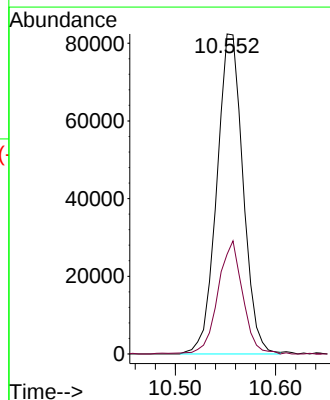
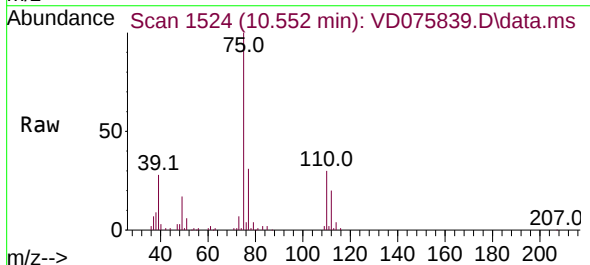
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

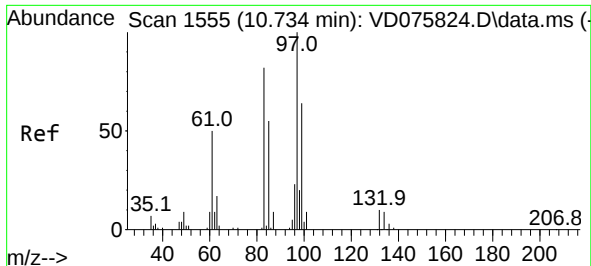
Tgt Ion: 91 Resp: 578293
Ion Ratio Lower Upper
91 100
92 58.2 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 25.185 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 75 Resp: 149294
Ion Ratio Lower Upper
75 100
77 31.2 22.0 41.0

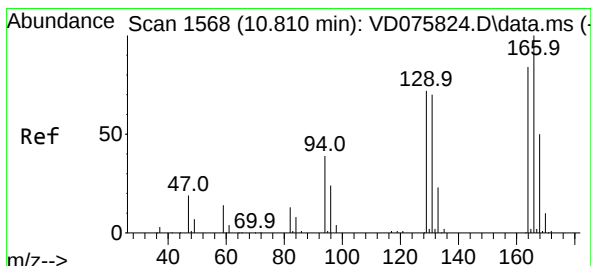
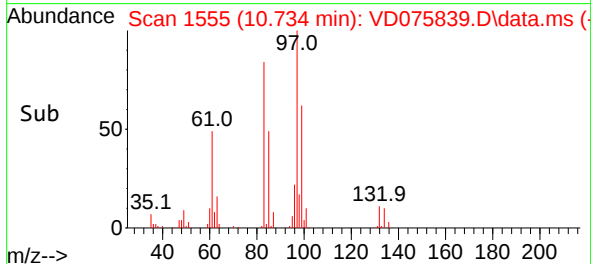
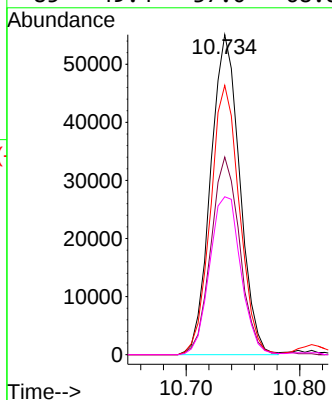
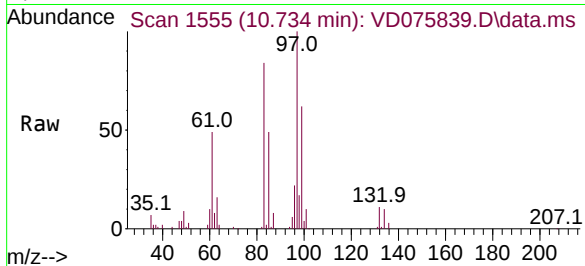




#45
1,1,2-Trichloroethane
Concen: 24.834 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

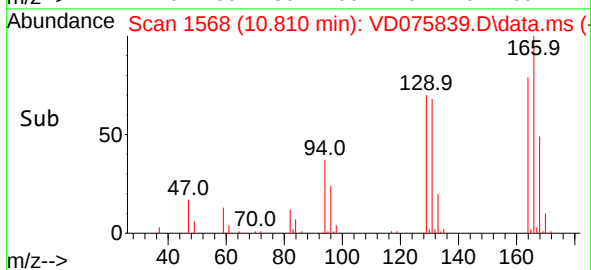
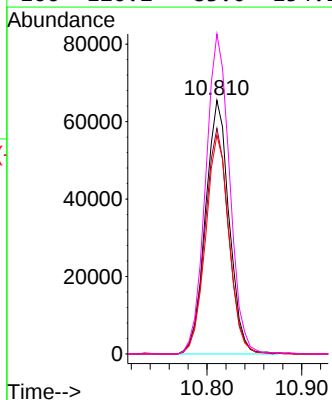
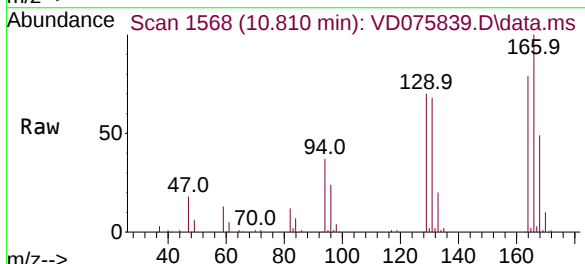
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

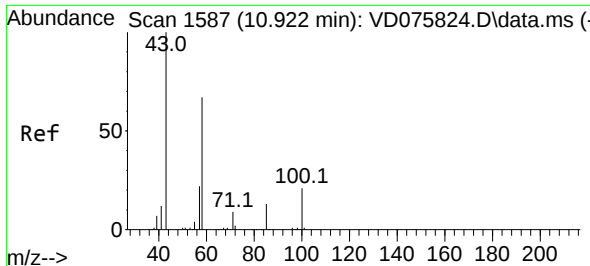
Tgt Ion: 97	Resp: 98029
Ion Ratio	Lower Upper
97 100	
99 61.8	42.2 78.4
83 84.2	54.8 101.8
85 49.4	37.0 68.8



#46
Tetrachloroethene
Concen: 26.508 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt	Ion:164	Resp:	113576
Ion	Ratio	Lower	Upper
164	100		
129	88.9	60.3	112.1
131	86.2	58.9	109.3
166	126.2	83.0	154.1

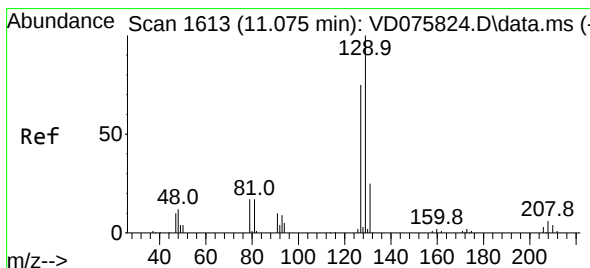
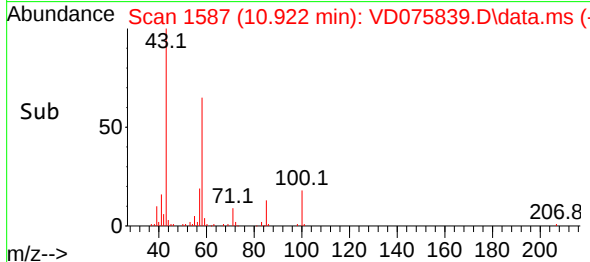
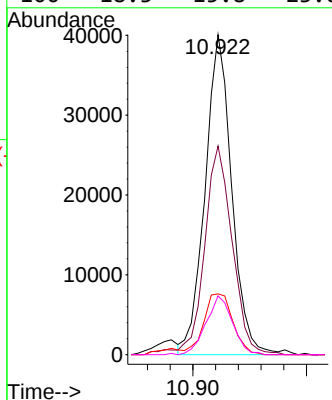
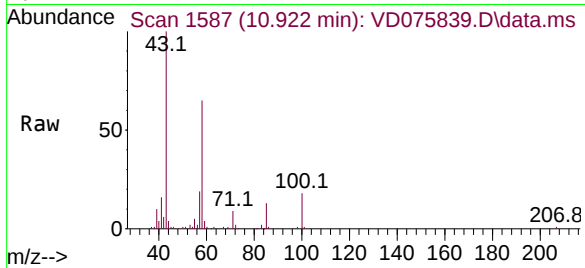




#48
2-Hexanone
Concen: 54.758 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

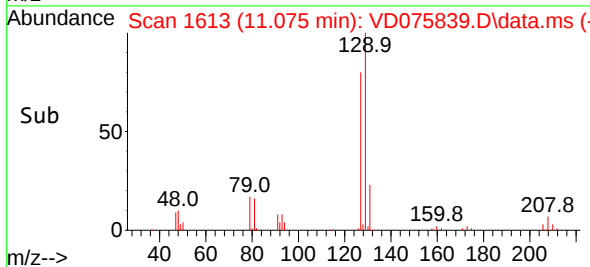
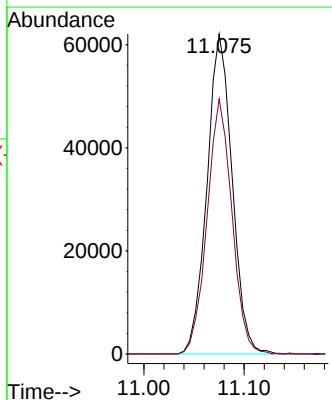
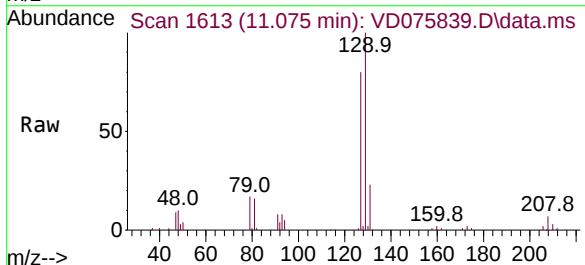
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

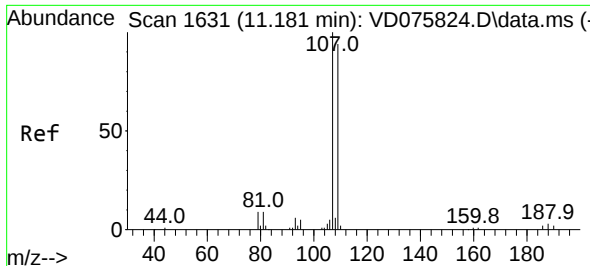
Tgt Ion: 43	Resp: 65306
Ion Ratio	Lower Upper
43 100	
58 67.1	59.7 89.5
57 20.8	17.9 26.9
100 18.3	15.8 23.6



#49
Dibromochloromethane
Concen: 25.230 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion:129	Resp: 108421
Ion Ratio	Lower Upper
129 100	
127 79.7	55.6 103.4

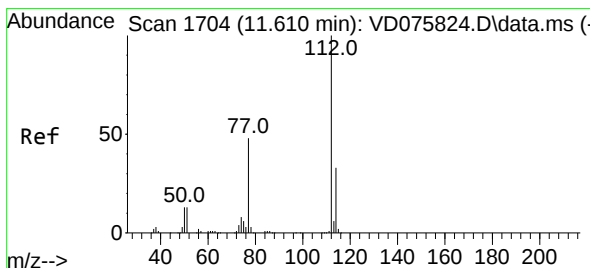
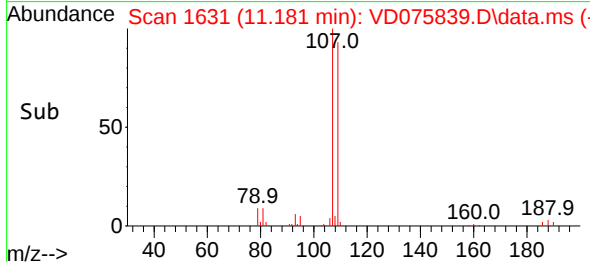
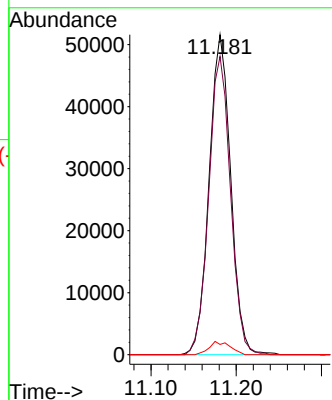
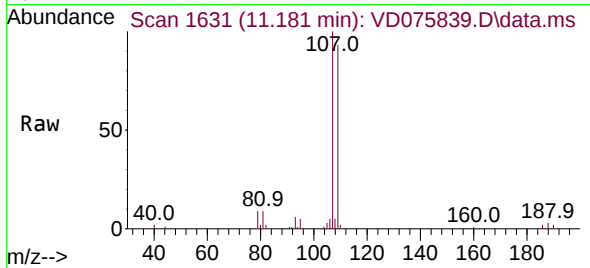




#50
1,2-Dibromoethane
Concen: 25.586 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

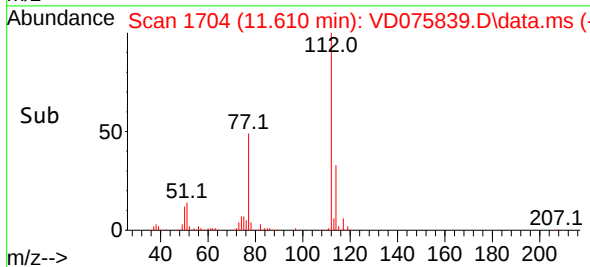
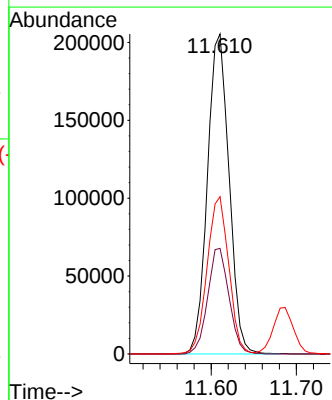
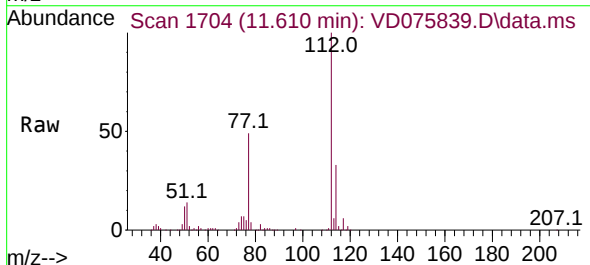
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

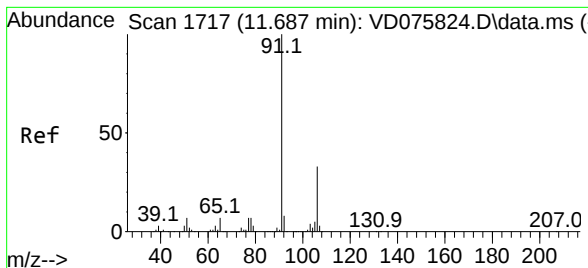
Tgt Ion:	107	Resp:	91058
Ion	Ratio	Lower	Upper
107	100		
109	93.2	67.6	125.6
188	3.2	3.0	4.6



#51
Chlorobenzene
Concen: 25.305 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion:	112	Resp:	361862
Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.0	42.8
77	49.1	39.7	59.5

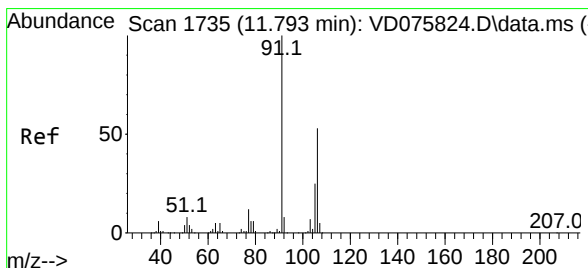
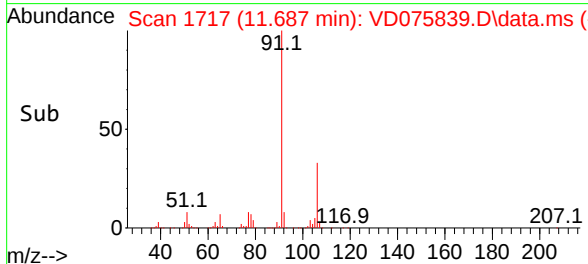
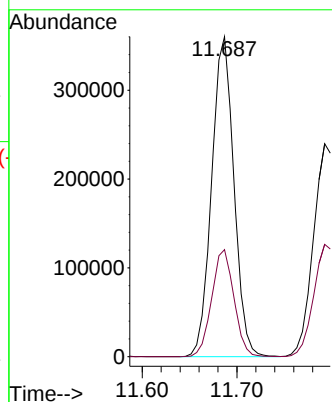
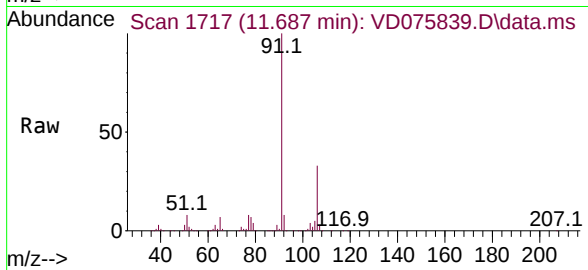




#52
Ethylbenzene
Concen: 26.203 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

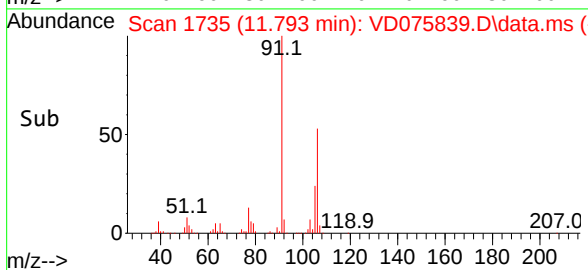
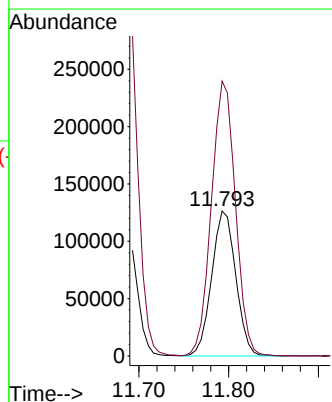
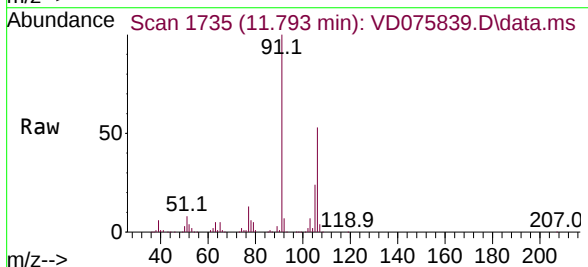
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

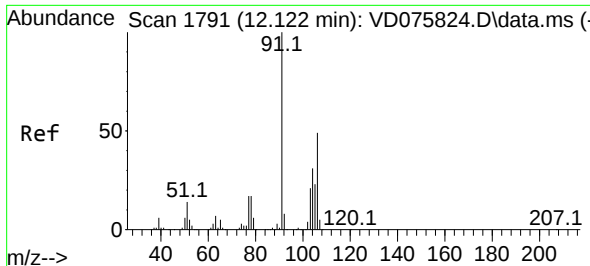
Tgt Ion: 91 Resp: 587341
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9



#53
m,p-Xylene
Concen: 26.408 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 106 Resp: 235704
Ion Ratio Lower Upper
106 100
91 189.6 130.9 243.1

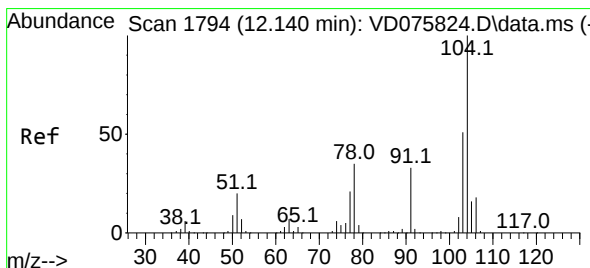
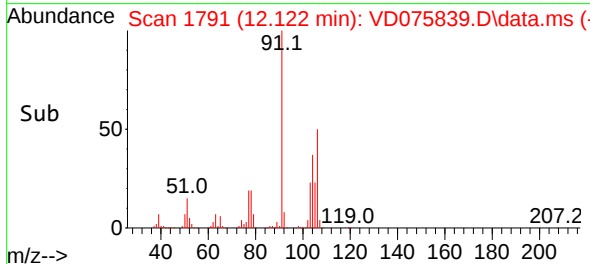
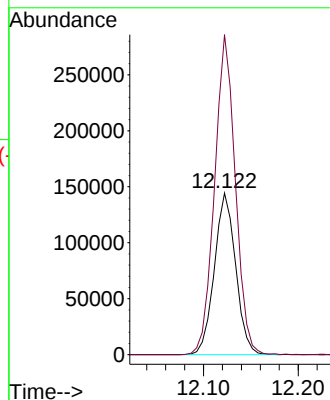
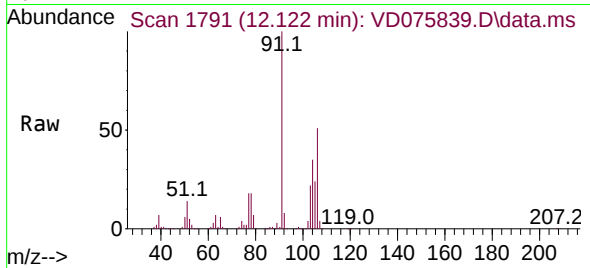




#54
o-Xylene
Concen: 26.589 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

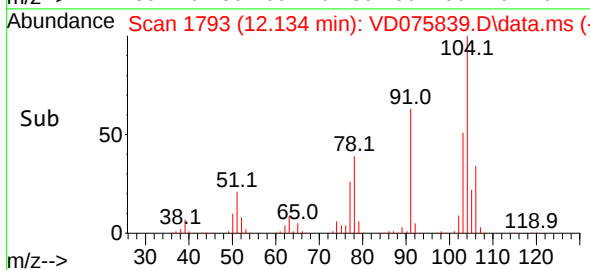
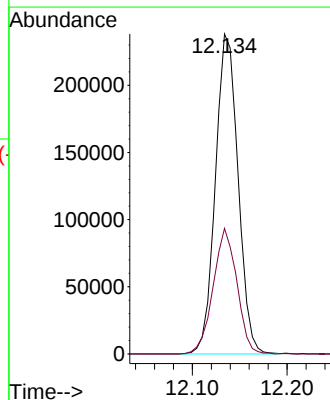
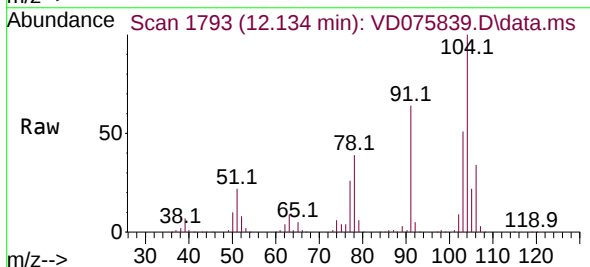
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

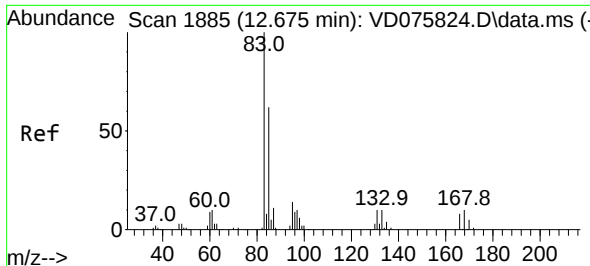
Tgt Ion:106 Resp: 225404
Ion Ratio Lower Upper
106 100
91 198.0 139.8 259.6



#55
Styrene
Concen: 26.853 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion:104 Resp: 396216
Ion Ratio Lower Upper
104 100
78 39.3 26.2 48.6

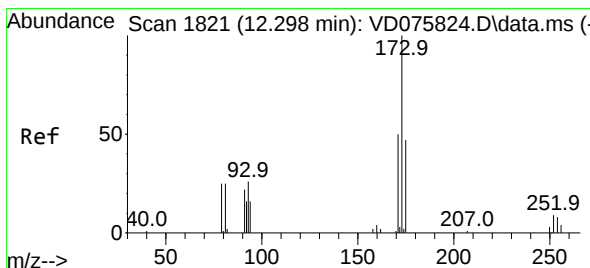
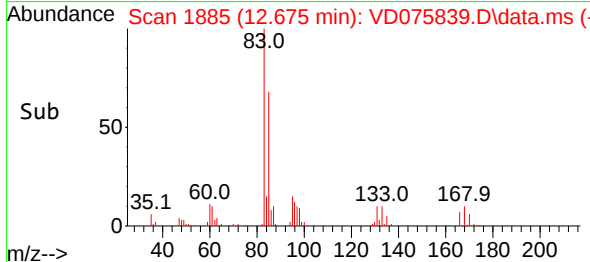
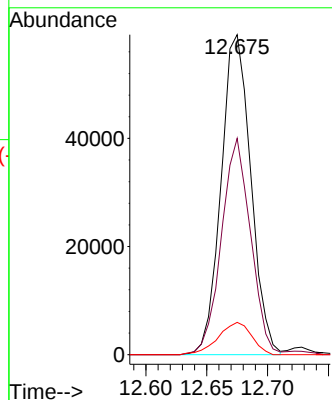
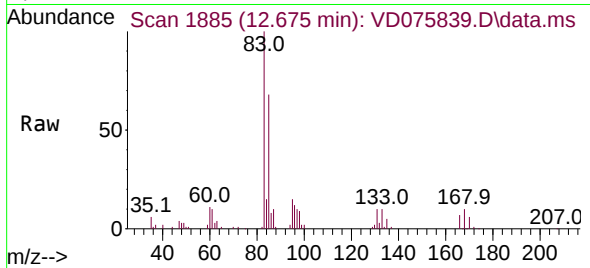




#57
1,1,2,2-Tetrachloroethane
Concen: 25.061 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

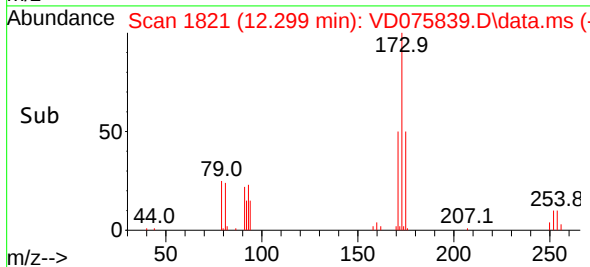
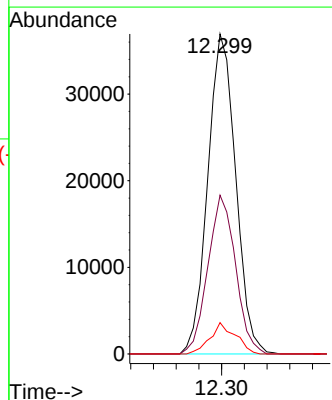
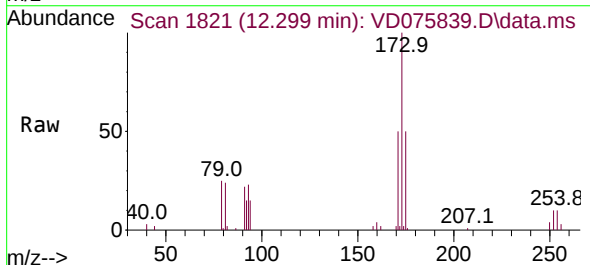
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

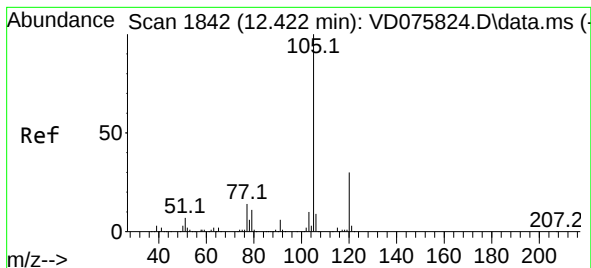
Tgt Ion: 83 Resp: 100656
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.7
131 10.1 7.0 10.6



#59
Bromoform
Concen: 22.521 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion: 173 Resp: 63048
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.0
254 8.9 7.4 11.2





#60

Isopropylbenzene

Concen: 23.717 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTD025133

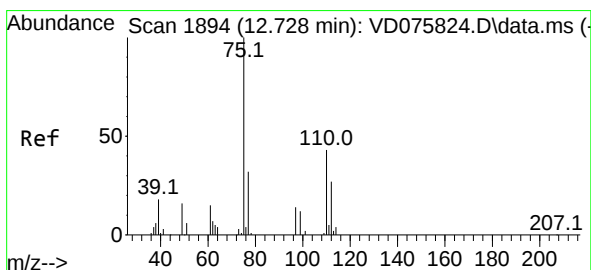
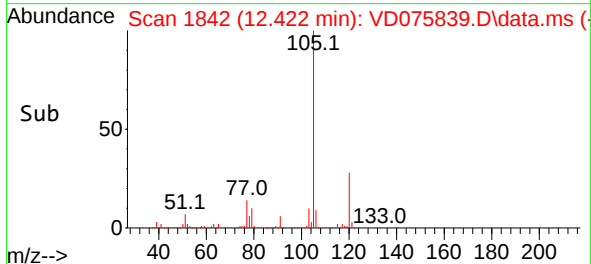
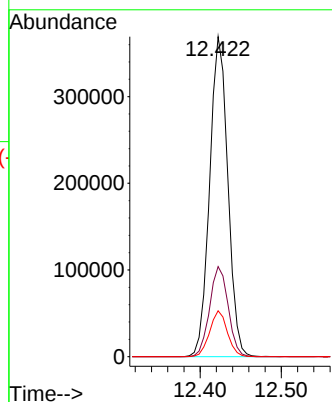
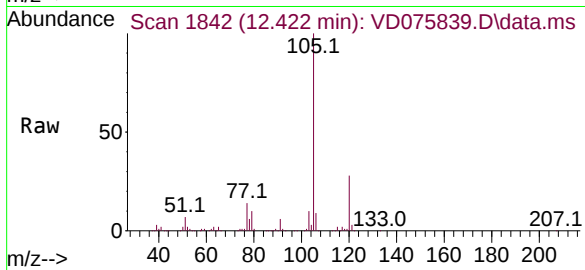
Tgt Ion:105 Resp: 574451

Ion Ratio Lower Upper

105 100

120 28.7 22.7 34.1

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 22.254 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

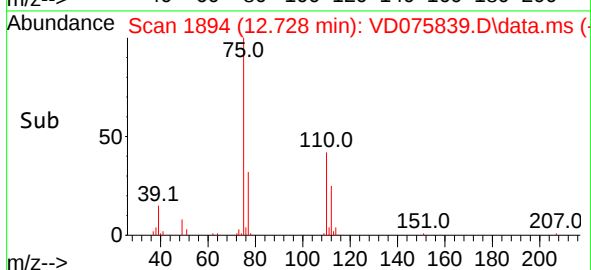
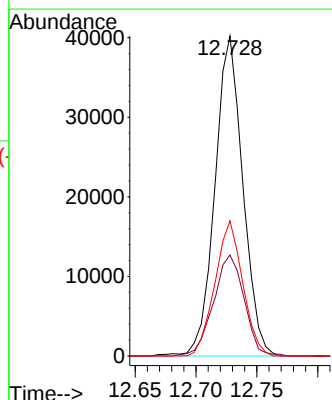
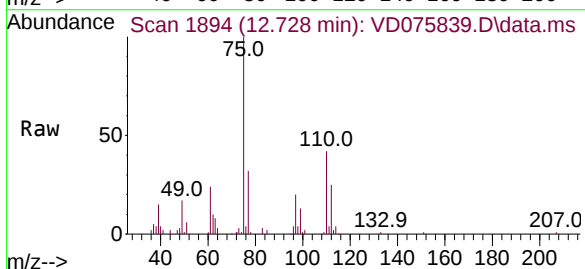
Tgt Ion: 75 Resp: 63859

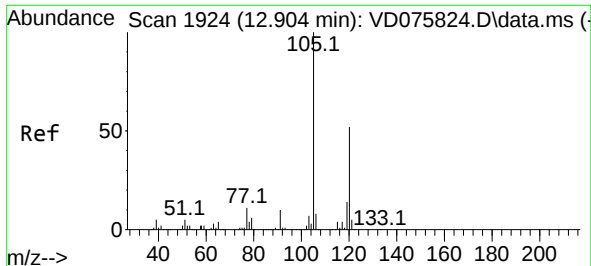
Ion Ratio Lower Upper

75 100

77 34.7 26.6 39.8

110 42.2 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 24.024 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

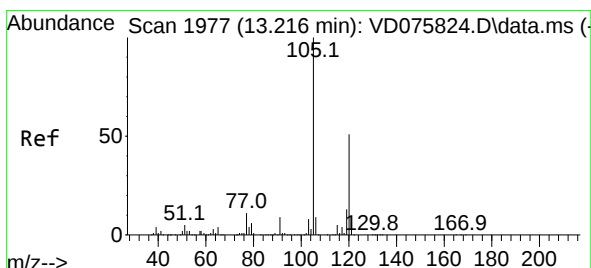
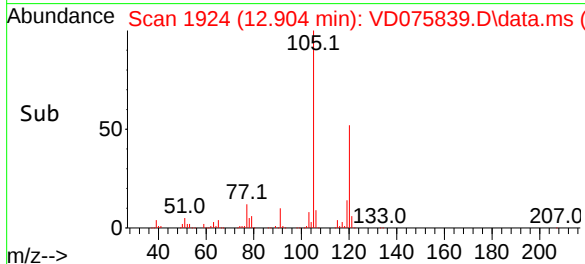
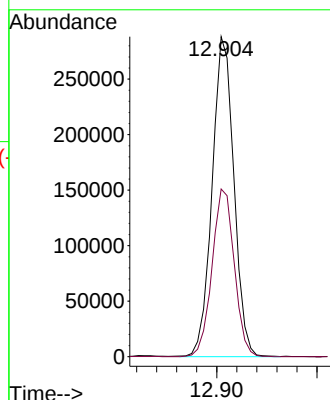
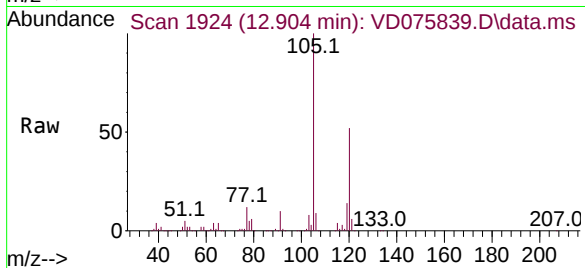
VSTD025133

Tgt Ion:105 Resp: 433903

Ion Ratio Lower Upper

105 100

120 53.5 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 25.640 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075839.D

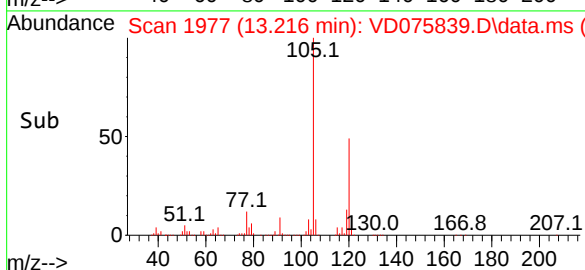
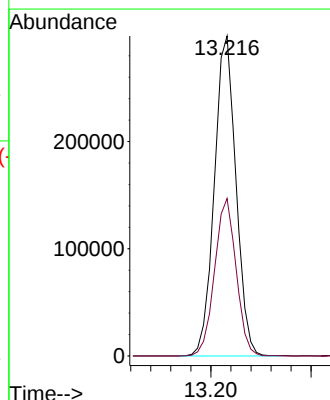
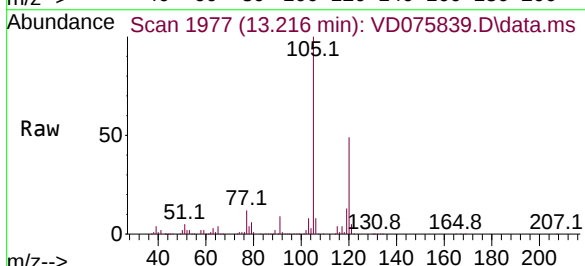
Acq: 26 Apr 2023 17:09

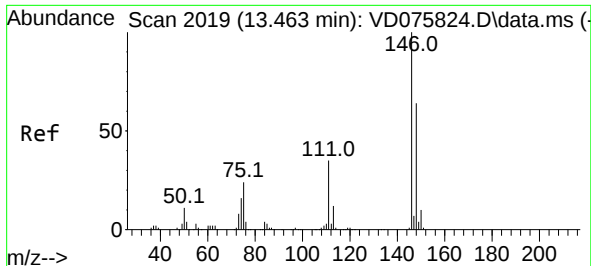
Tgt Ion:105 Resp: 446408

Ion Ratio Lower Upper

105 100

120 48.9 39.0 58.6

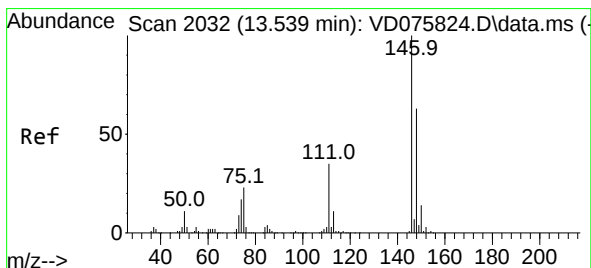
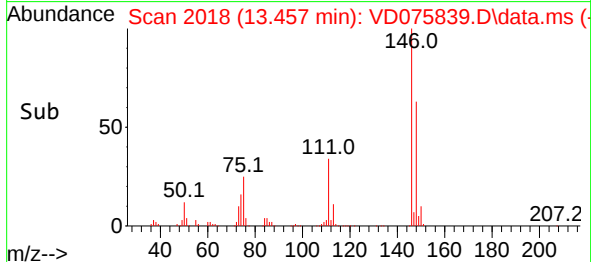
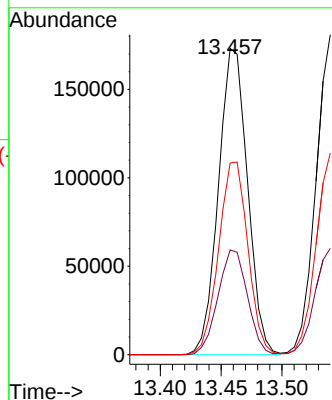
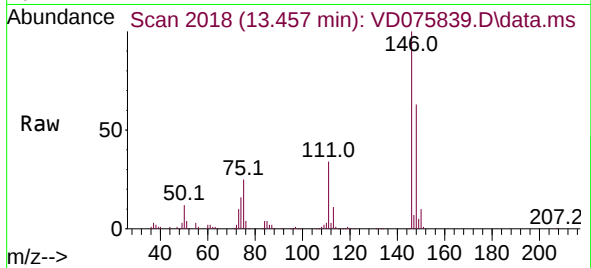




#64
1,3-Dichlorobenzene
Concen: 24.894 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

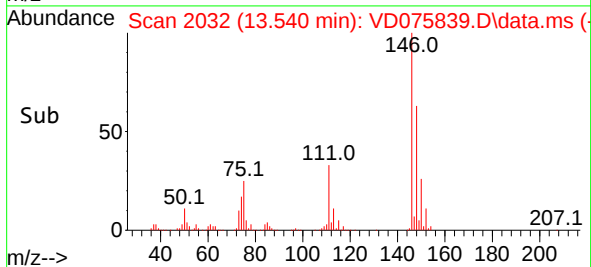
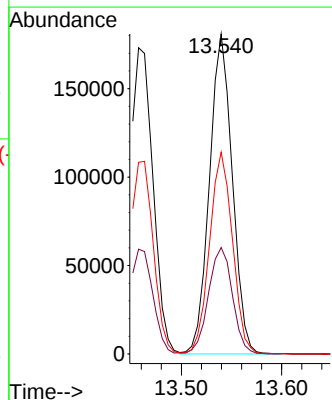
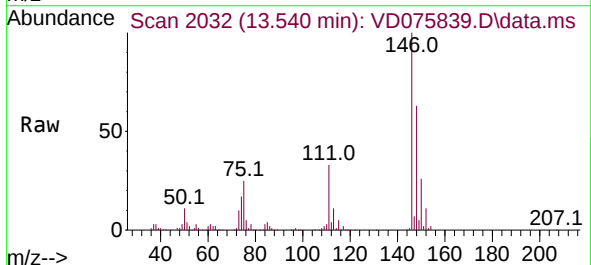
Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

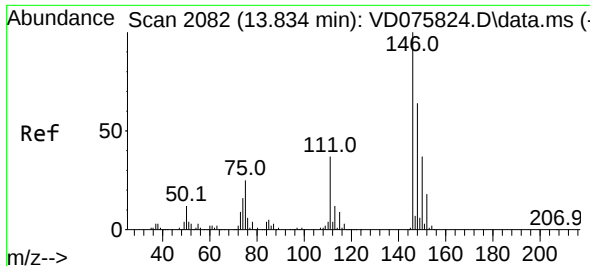
Tgt Ion:146 Resp: 288504
Ion Ratio Lower Upper
146 100
111 34.2 26.5 49.1
148 62.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.599 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion:146 Resp: 287033
Ion Ratio Lower Upper
146 100
111 33.3 24.6 45.8
148 63.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.046 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTD025133

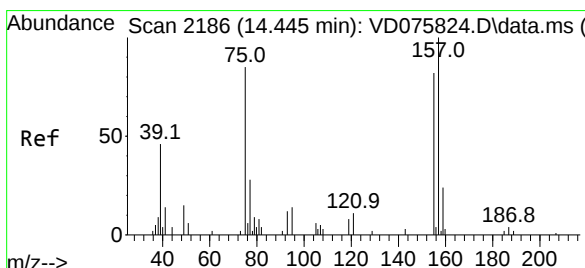
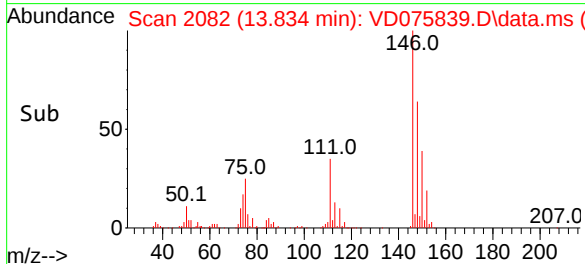
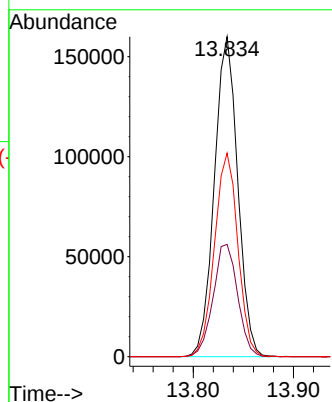
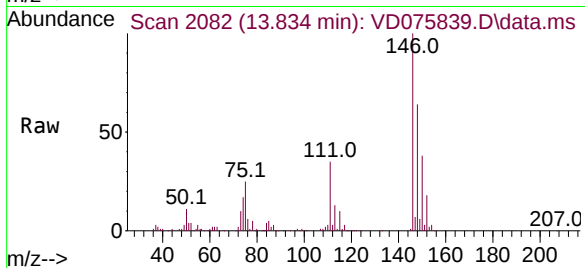
Tgt Ion:146 Resp: 259217

Ion Ratio Lower Upper

146 100

111 35.1 30.6 46.0

148 63.6 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.389 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

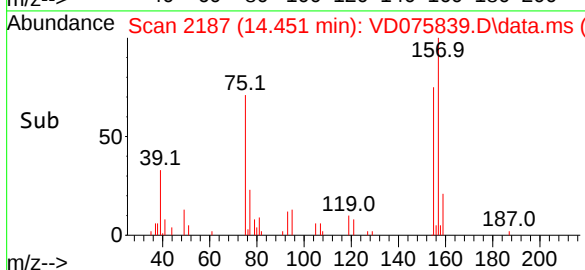
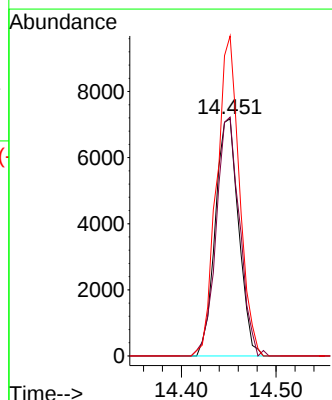
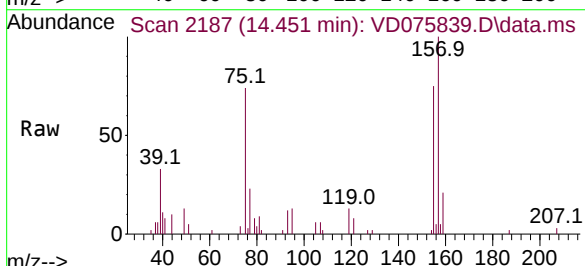
Tgt Ion: 75 Resp: 12270

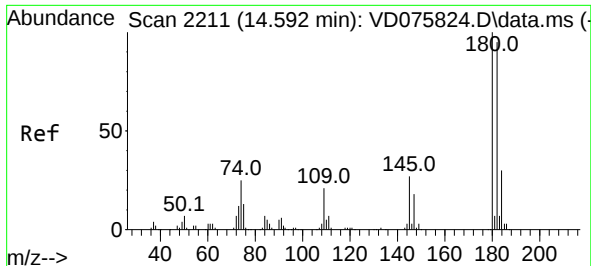
Ion Ratio Lower Upper

75 100

155 100.7 74.6 111.8

157 134.9 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 20.791 ug/L

RT: 14.593 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTD025133

Tgt Ion:180 Resp: 161500

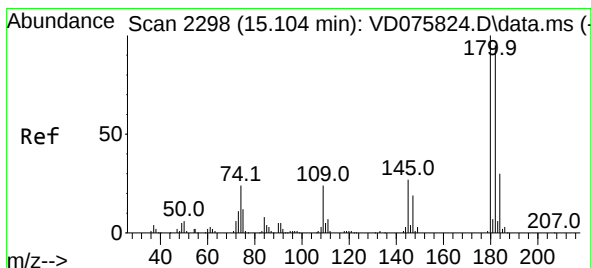
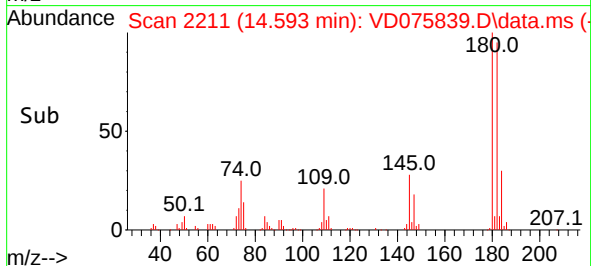
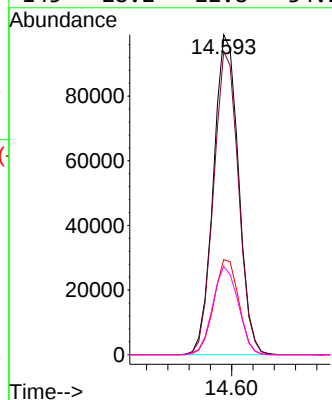
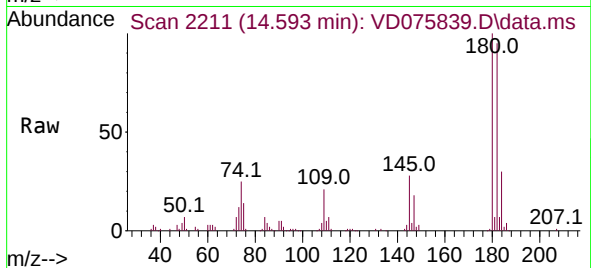
Ion Ratio Lower Upper

180 100

182 93.8 74.9 112.3

184 29.7 25.0 37.4

145 28.2 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 19.856 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075839.D

Acq: 26 Apr 2023 17:09

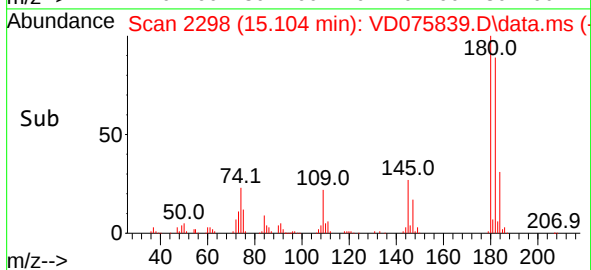
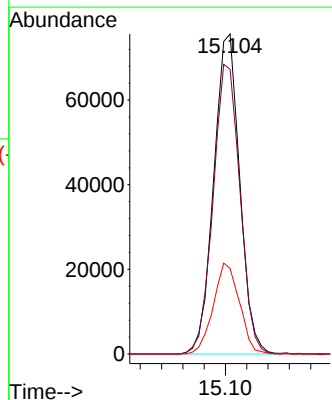
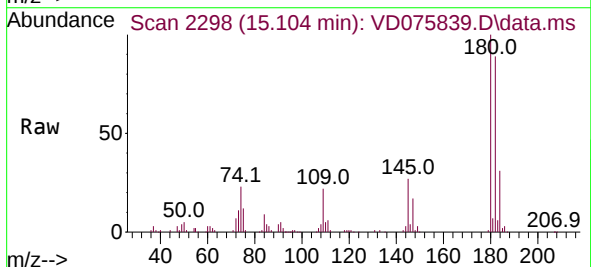
Tgt Ion:180 Resp: 127816

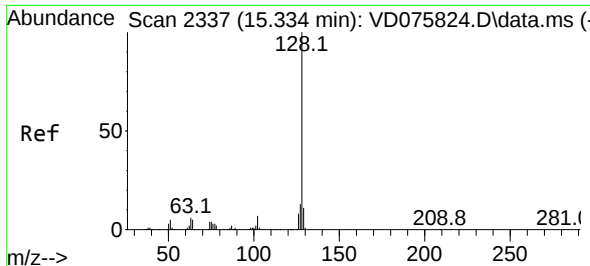
Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.2

145 28.5 23.6 35.4

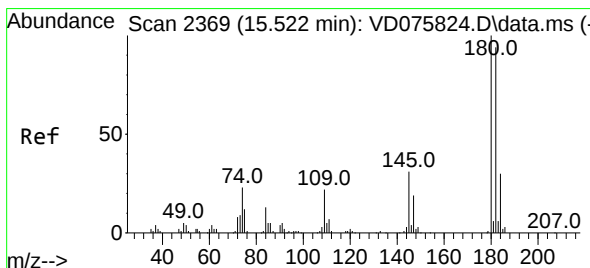
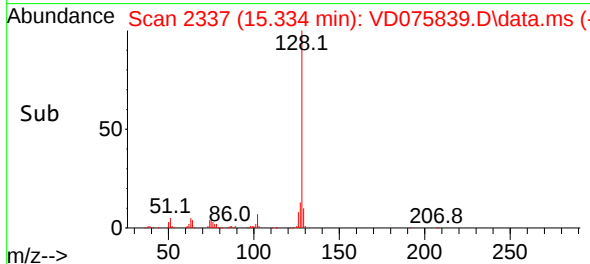
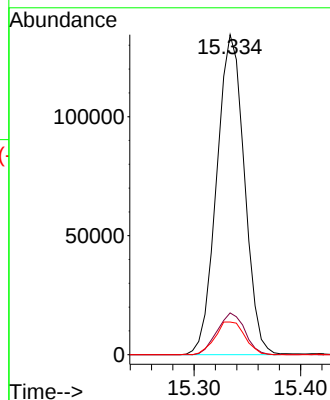
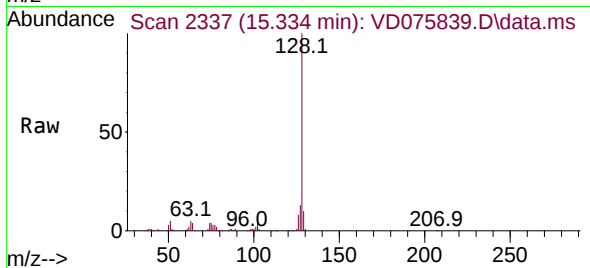




#71
Naphthalene
Concen: 20.637 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
VSTD025133

Tgt Ion:128 Resp: 243109
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 20.621 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075839.D
Acq: 26 Apr 2023 17:09

Tgt Ion:180 Resp: 118490
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 30.3 25.0 37.6

