

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075993.D
 Acq On : 03 May 2023 20:56
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025147

Quant Time: May 04 03:11:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	324867	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	305330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	158524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	154629	21.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
7) Chloroethane-d5	2.799	69	141196	22.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.720%
11) 1,1-Dichloroethene-d2	3.916	65	36082	21.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.840%
21) 2-Butanone-d5	6.987	46	37643	60.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.680%
24) Chloroform-d	7.563	84	200566	24.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	8.228	65	91609	26.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.640%
32) Benzene-d6	8.199	84	415124	23.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.210	67	123753	25.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.269	98	384219	23.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.522	79	47254	23.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.840%
47) 2-Hexanone-d5	10.881	63	34886	58.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106171	28.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	127923	22.814	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	121522	27.135	ug/L	98
3) Chloromethane	2.146	50	201253	32.236	ug/L	99
5) Vinyl chloride	2.275	62	227632	27.898	ug/L	99
6) Bromomethane	2.687	94	111339	20.307	ug/L	99
8) Chloroethane	2.834	64	146976	27.852	ug/L	99
9) Trichlorofluoromethane	3.169	101	169204	25.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	119469	27.124	ug/L	96
12) 1,1-Dichloroethene	3.934	96	112690	26.382	ug/L	90
13) Acetone	4.022	43	29502	55.721	ug/L	76
14) Carbon disulfide	4.263	76	383510	25.705	ug/L	97
15) Methyl Acetate	4.558	43	38389	33.456	ug/L #	59
16) Methylene chloride	4.793	84	149889	22.744	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	126985	26.513	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	216474	28.176	ug/L	97
19) 1,1-Dichloroethane	6.110	63	206836	29.478	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	135862	26.826	ug/L	95
22) 2-Butanone	7.081	43	46634	67.562	ug/L	93
23) Bromochloromethane	7.422	128	69369	29.534	ug/L #	90
25) Chloroform	7.593	83	221070	28.112	ug/L	97

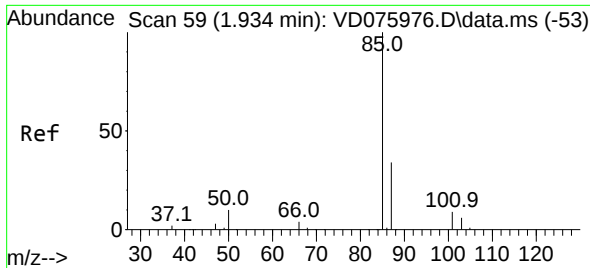
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	125616	30.947	ug/L	99
29) Cyclohexane	7.875	56	142016	27.170	ug/L	92
30) 1,1,1-Trichloroethane	7.787	97	172593	26.717	ug/L	99
31) Carbon tetrachloride	7.993	117	137509	26.532	ug/L	99
33) Benzene	8.252	78	509519	27.588	ug/L	100
34) Trichloroethene	9.028	95	126243	26.432	ug/L	93
35) Methylcyclohexane	9.275	83	191193	25.964	ug/L	98
37) 1,2-Dichloropropane	9.304	63	127600	30.077	ug/L	99
38) Bromodichloromethane	9.581	83	161748	28.276	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	183096	27.137	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	104909	67.823	ug/L	97
42) Toluene	10.334	91	566854	28.362	ug/L	96
44) trans-1,3-Dichloropropene	10.557	75	152822	28.195	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	103514	28.680	ug/L	96
46) Tetrachloroethene	10.810	164	104118	26.578	ug/L	93
48) 2-Hexanone	10.922	43	74677	68.482	ug/L	93
49) Dibromochloromethane	11.075	129	109504	27.869	ug/L	100
50) 1,2-Dibromoethane	11.181	107	93855	28.843	ug/L	94
51) Chlorobenzene	11.610	112	358877	27.447	ug/L	99
52) Ethylbenzene	11.687	91	566501	27.641	ug/L	97
53) m,p-Xylene	11.793	106	232427	28.481	ug/L	99
54) o-Xylene	12.122	106	221212	28.539	ug/L	97
55) Styrene	12.134	104	396430	29.385	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	112660	30.678	ug/L #	98
59) Bromoform	12.298	173	66397	27.329	ug/L	98
60) Isopropylbenzene	12.422	105	548172	26.079	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	71872	28.861	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	412433	26.313	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	408106	27.010	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	269263	26.773	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	274928	26.046	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	244450	27.217	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.451	75	15218	30.569	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.598	180	158292	23.482	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	131873	23.606	ug/L	98
71) Naphthalene	15.334	128	262544	25.681	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125369	25.141	ug/L	99

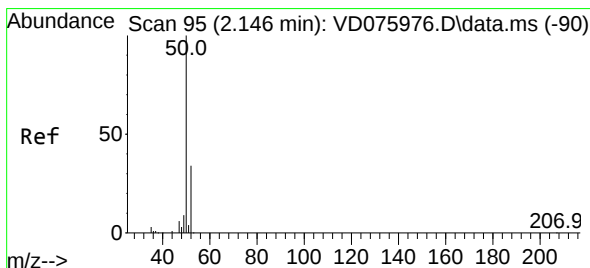
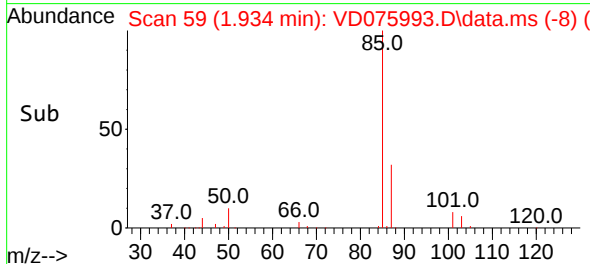
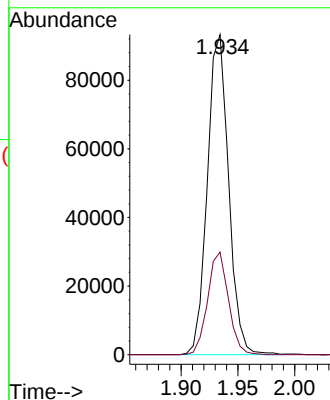
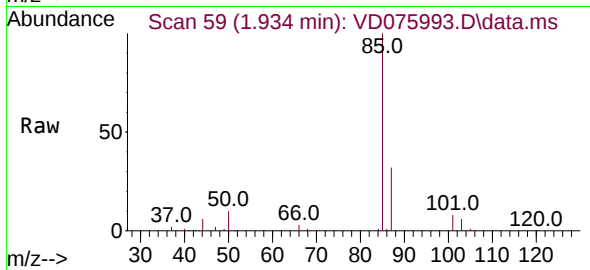
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 27.135 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

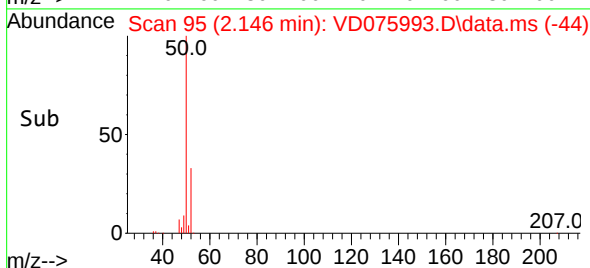
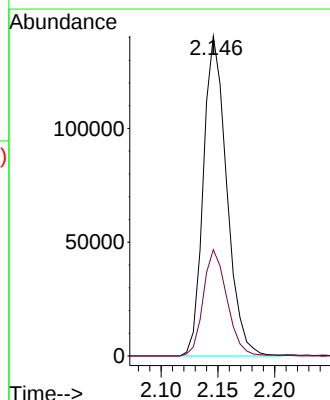
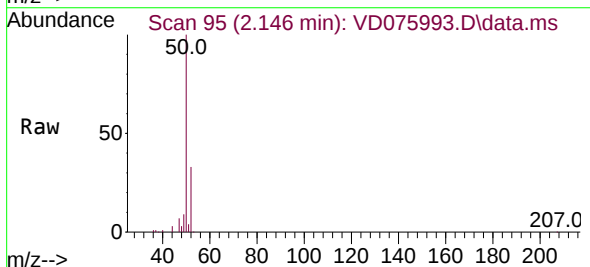
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MSVOA_D
ClientSampleId :
VSTD025147

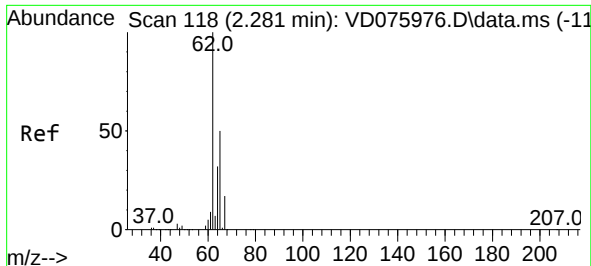
Tgt Ion: 85 Resp: 121522
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.8



#3
Chloromethane
Concen: 32.236 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 50 Resp: 201253
Ion Ratio Lower Upper
50 100
52 33.2 23.7 44.1

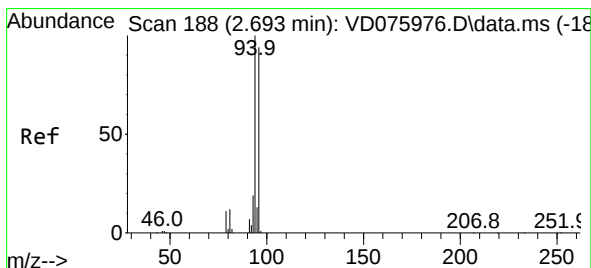
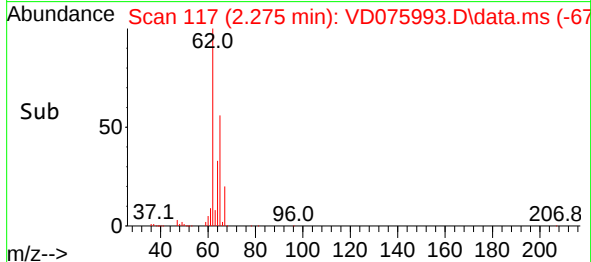
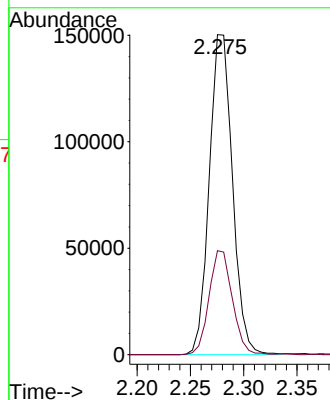
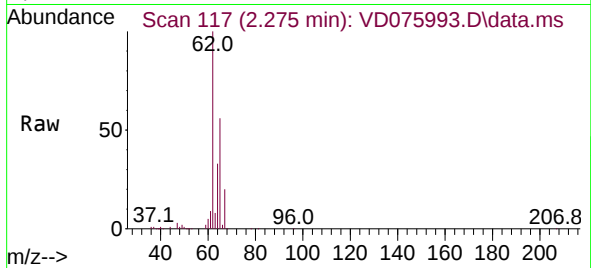




#5
 Vinyl chloride
 Concen: 27.898 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

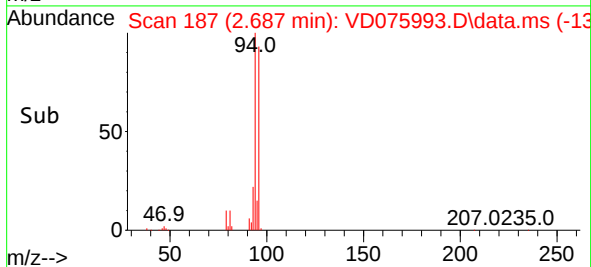
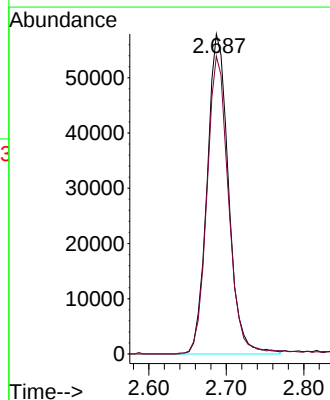
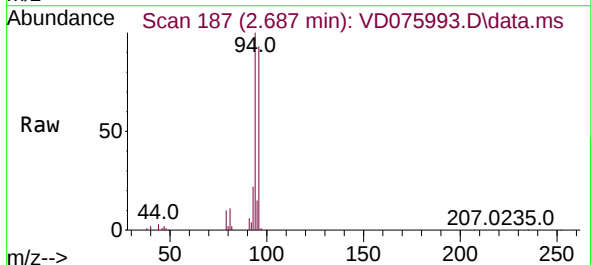
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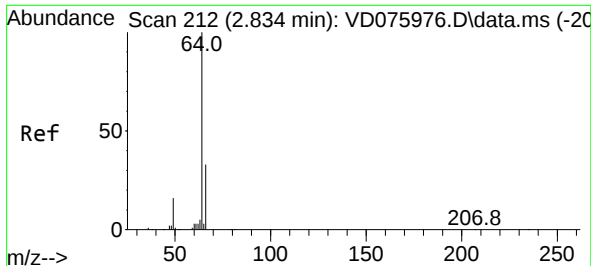
Tgt Ion: 62 Resp: 227632
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#6
 Bromomethane
 Concen: 20.307 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

Tgt Ion: 94 Resp: 111339
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.7 121.9

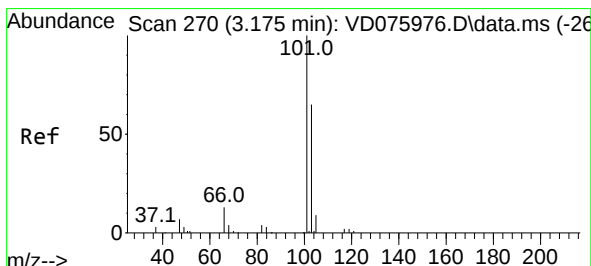
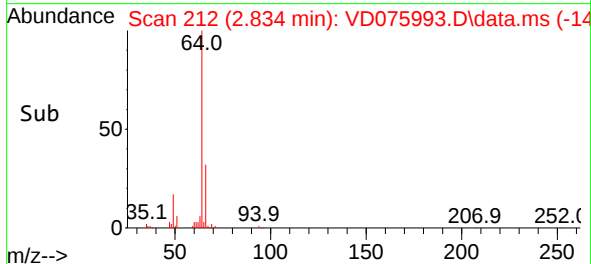
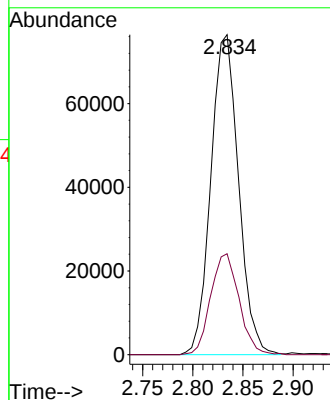
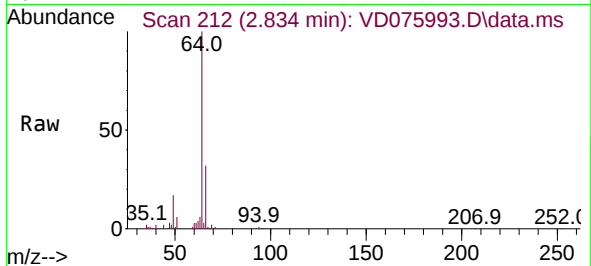




#8
Chloroethane
Concen: 27.852 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

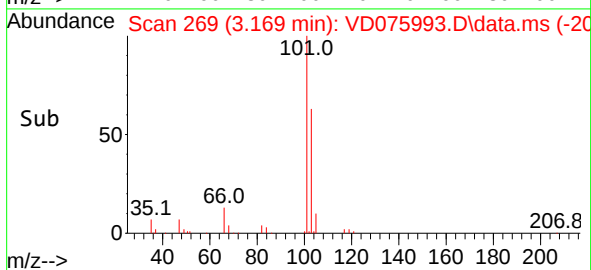
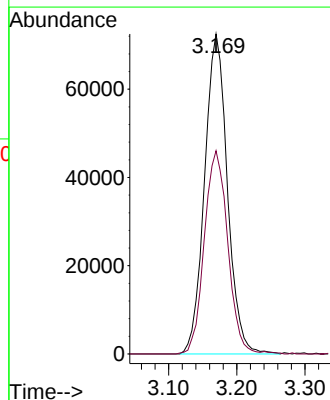
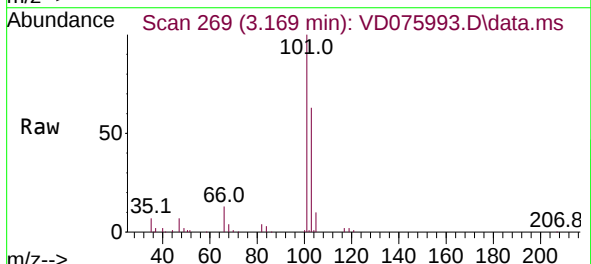
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ClientSampleId :
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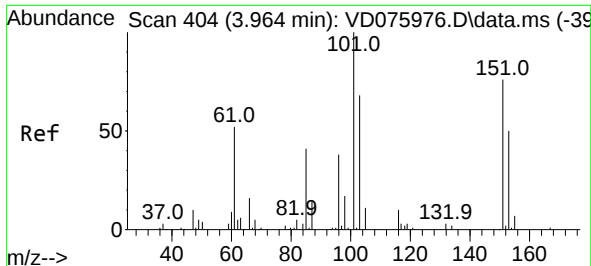
Tgt Ion: 64 Resp: 146976
Ion Ratio Lower Upper
64 100
66 31.6 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.809 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 101 Resp: 169204
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

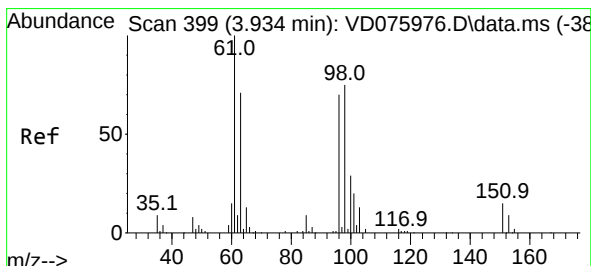
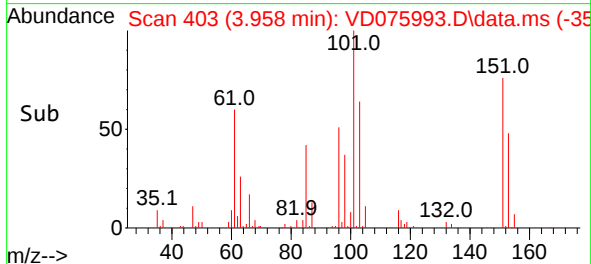
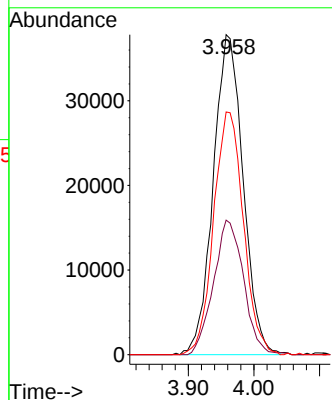
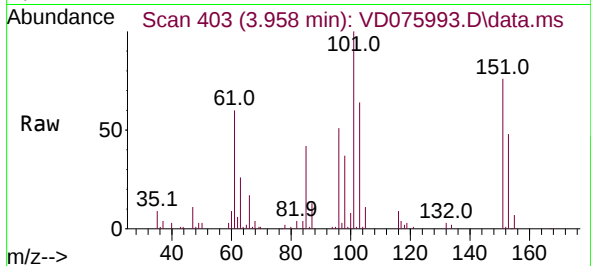




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.124 ug/L
 RT: 3.958 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

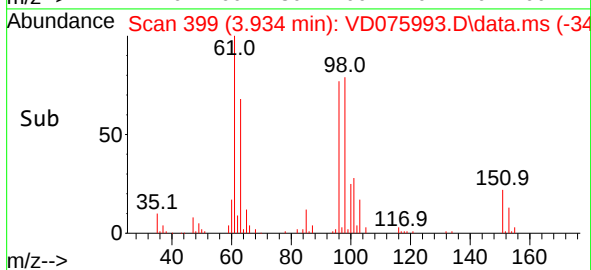
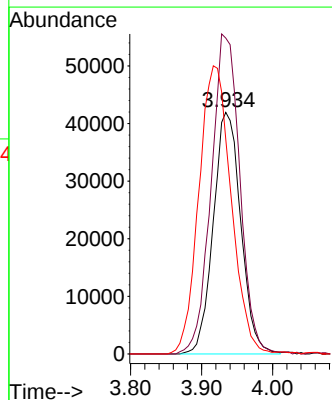
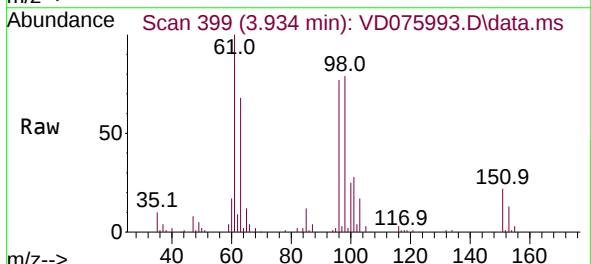
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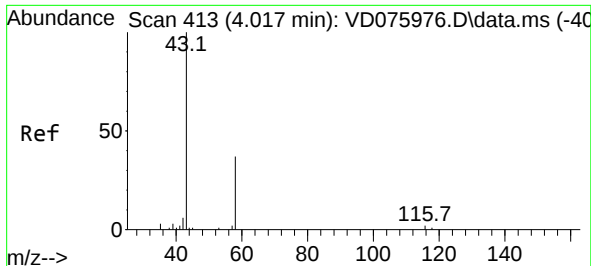
Tgt Ion:101 Resp: 119469
 Ion Ratio Lower Upper
 101 100
 85 42.3 32.9 49.3
 151 75.6 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.382 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

Tgt Ion: 96 Resp: 112690
 Ion Ratio Lower Upper
 96 100
 61 130.7 92.6 172.0
 63 88.7 77.4 143.8





#13

Acetone

Concen: 55.721 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

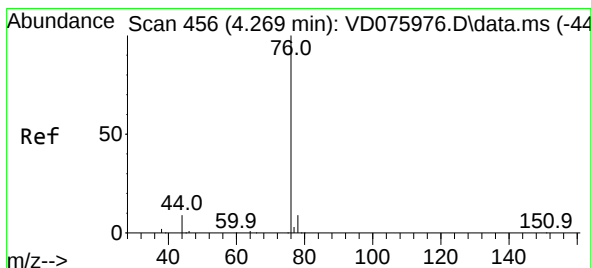
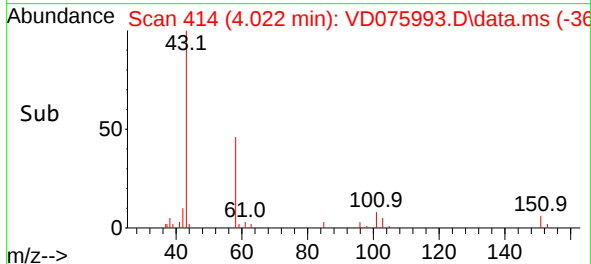
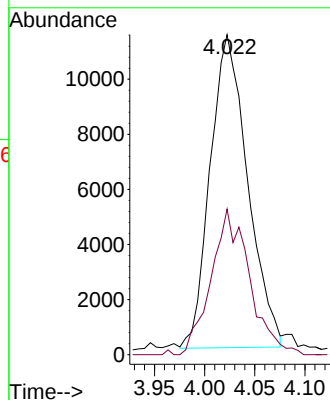
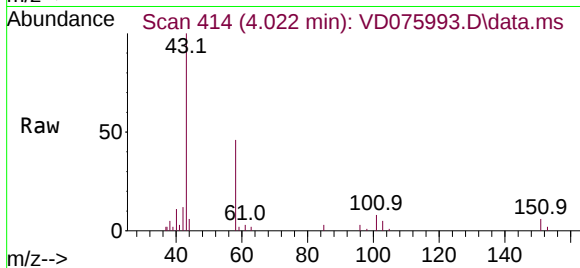
VSTD025147

Tgt Ion: 43 Resp: 29502

Ion Ratio Lower Upper

43 100

58 28.0 0.0 87.4



#14

Carbon disulfide

Concen: 25.705 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075993.D

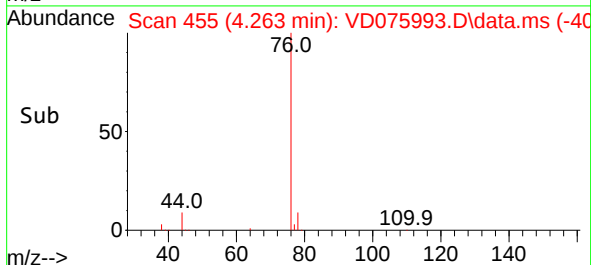
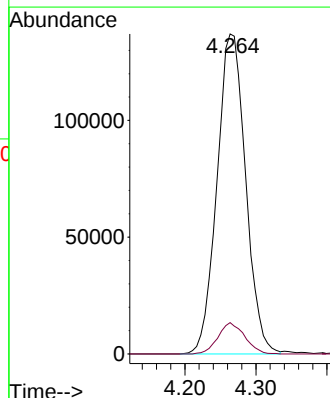
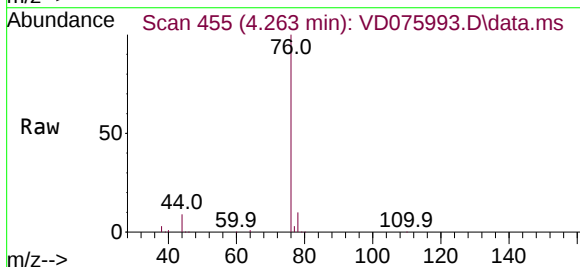
Acq: 03 May 2023 20:56

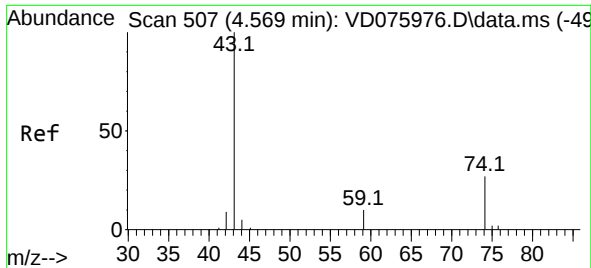
Tgt Ion: 76 Resp: 383510

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6

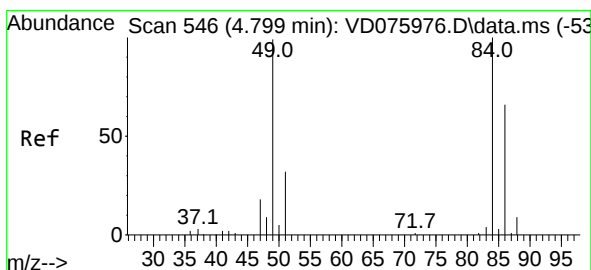
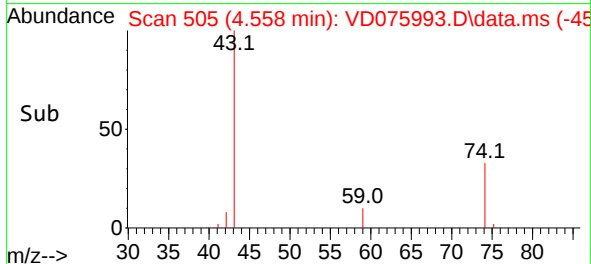
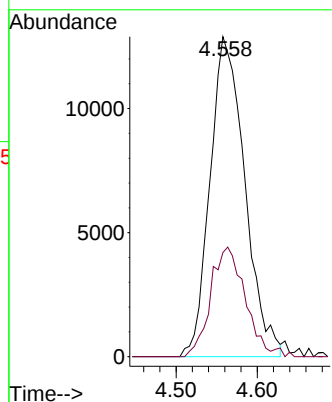
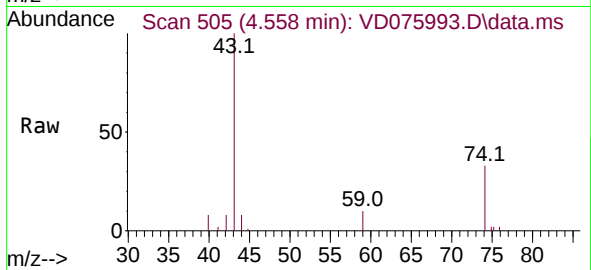




#15
Methyl Acetate
Concen: 33.456 ug/L
RT: 4.558 min Scan# 507
Delta R.T. -0.012 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

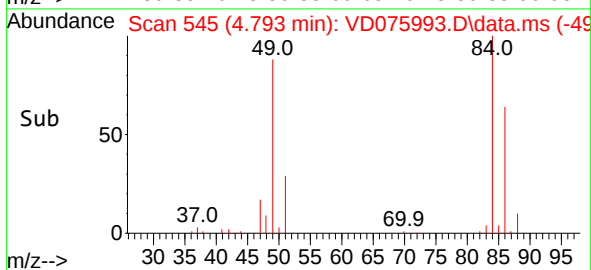
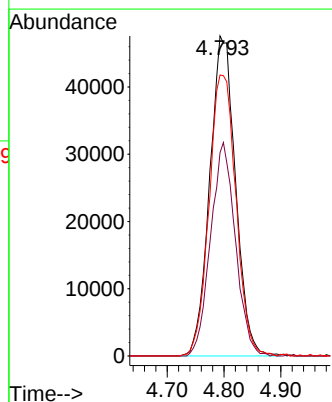
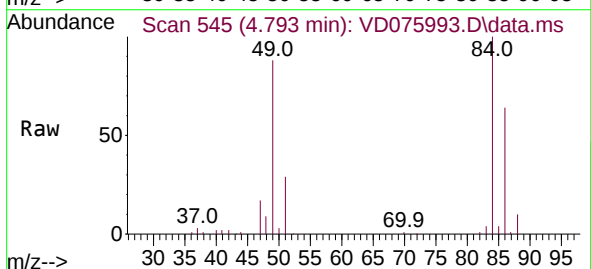
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

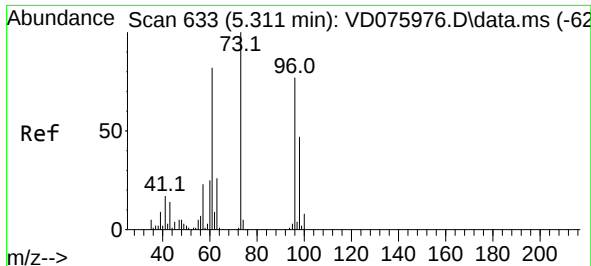
Tgt Ion: 43 Resp: 38389
Ion Ratio Lower Upper
43 100
74 33.5 12.8 19.2#



#16
Methylene chloride
Concen: 22.744 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 84 Resp: 149889
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 87.8 60.8 112.8

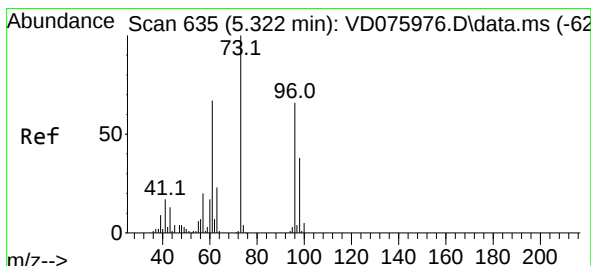
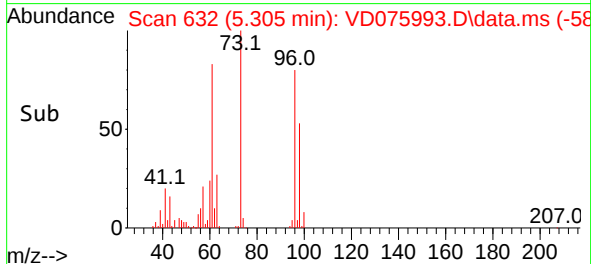
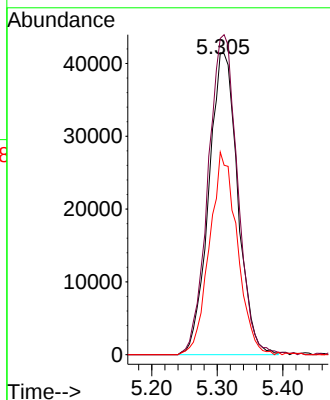
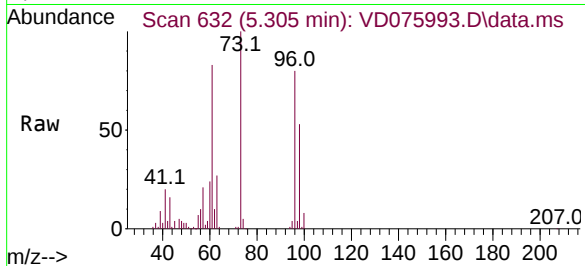




#17
trans-1,2-Dichloroethene
Concen: 26.513 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

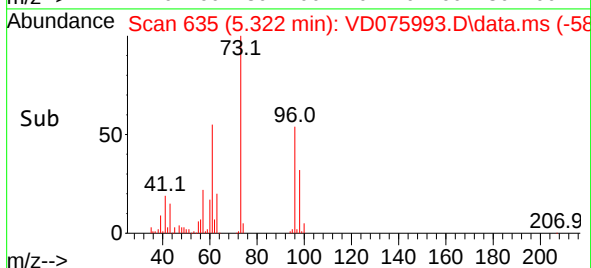
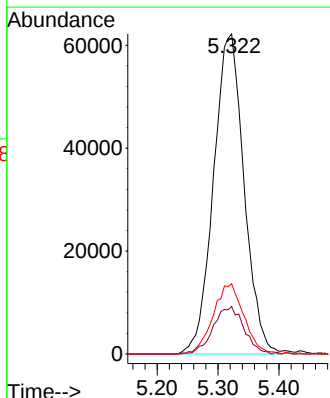
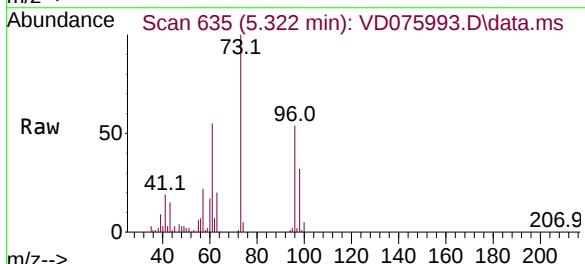
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

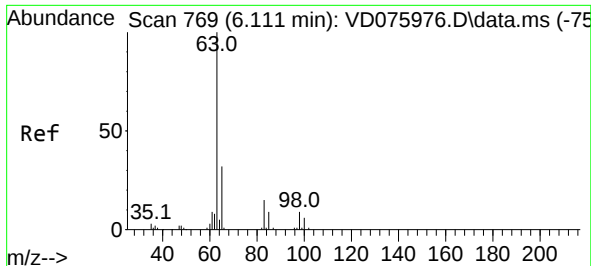
Tgt Ion: 96 Resp: 126985
Ion Ratio Lower Upper
96 100
61 104.8 72.9 135.5
98 67.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 28.176 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 73 Resp: 216474
Ion Ratio Lower Upper
73 100
43 14.8 11.3 16.9
57 22.0 16.3 24.5





#19

1,1-Dichloroethane

Concen: 29.478 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

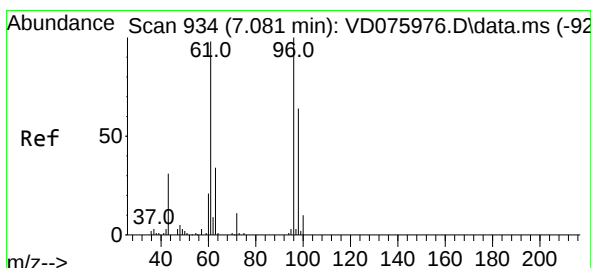
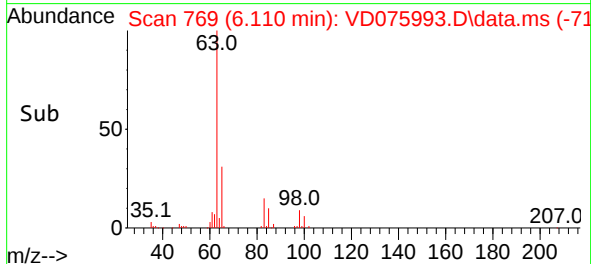
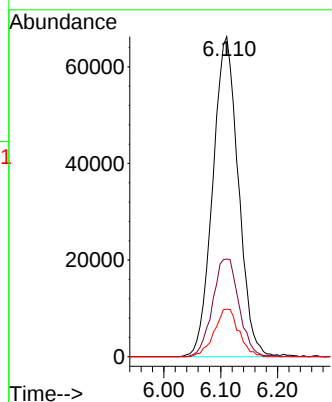
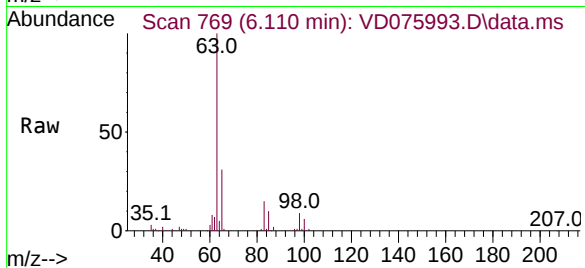
Tgt Ion: 63 Resp: 206836

Ion Ratio Lower Upper

63 100

65 30.6 22.8 42.4

83 14.8 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 26.826 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

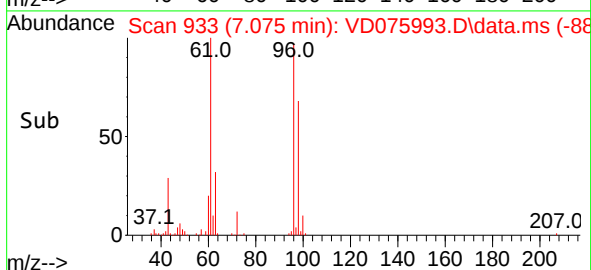
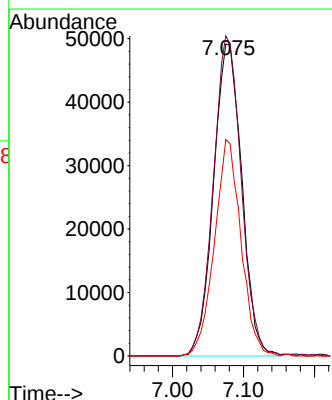
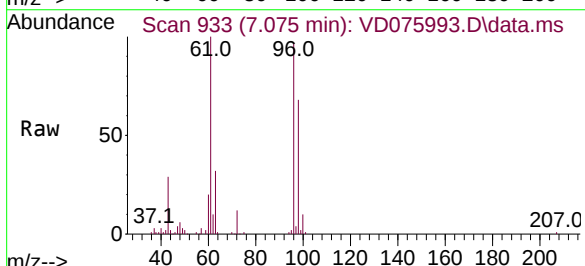
Tgt Ion: 96 Resp: 135862

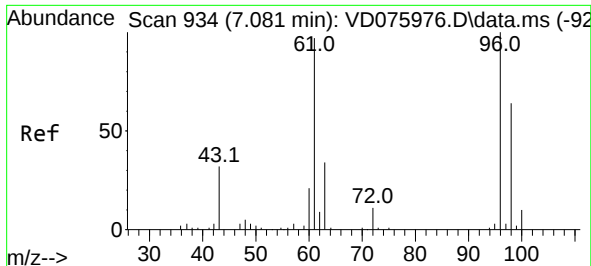
Ion Ratio Lower Upper

96 100

61 102.6 67.5 125.3

98 69.4 47.5 88.1

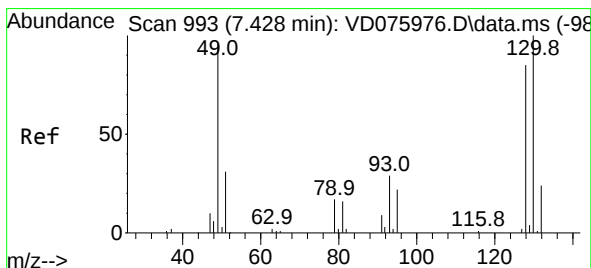
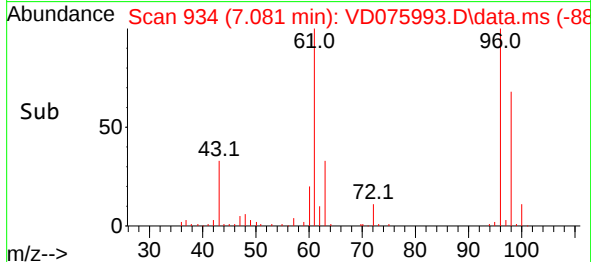
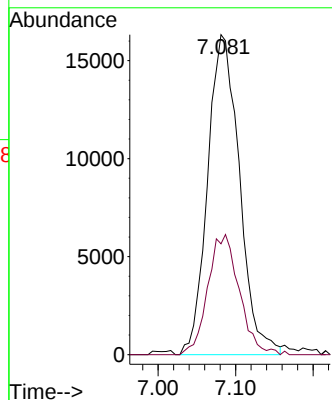
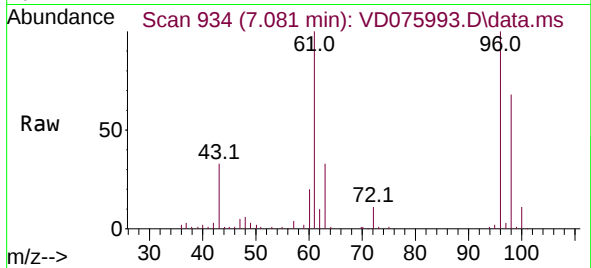




#22
2-Butanone
Concen: 67.562 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

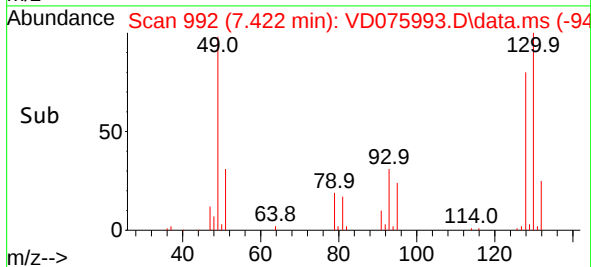
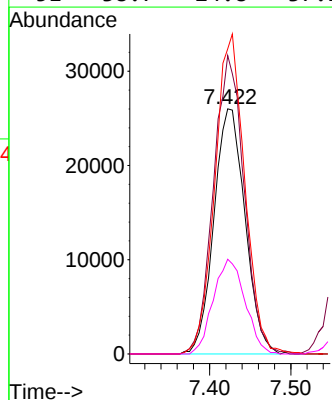
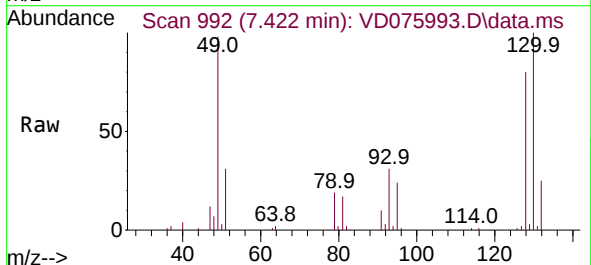
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

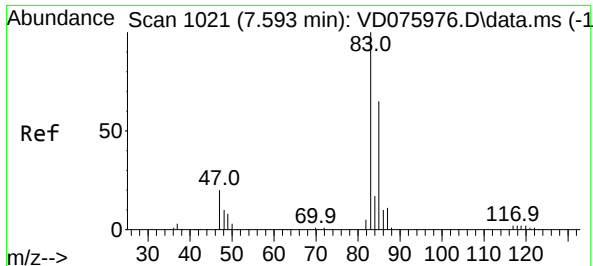
Tgt Ion: 43 Resp: 46634
Ion Ratio Lower Upper
43 100
72 36.6 20.5 61.5



#23
Bromochloromethane
Concen: 29.534 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:128 Resp: 69369
Ion Ratio Lower Upper
128 100
49 121.8 76.4 142.0
130 124.5 93.5 173.7
51 38.7 24.8 37.2#





#25

Chloroform

Concen: 28.112 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

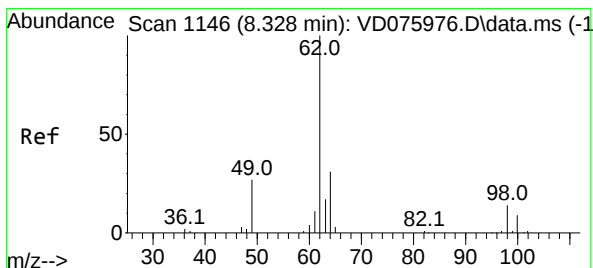
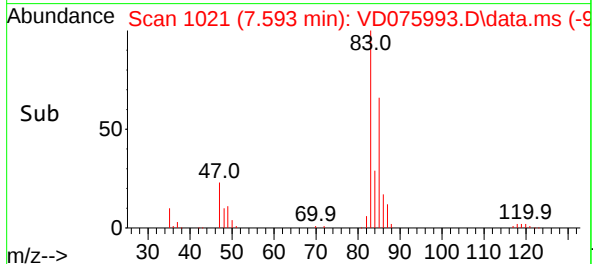
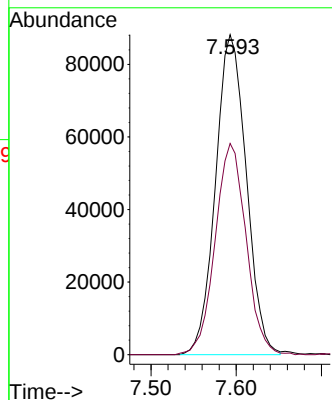
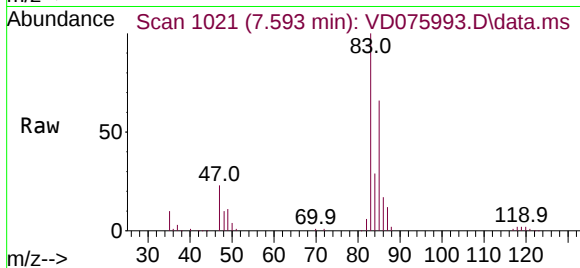
VSTD025147

Tgt Ion: 83 Resp: 221070

Ion Ratio Lower Upper

83 100

85 66.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 30.947 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075993.D

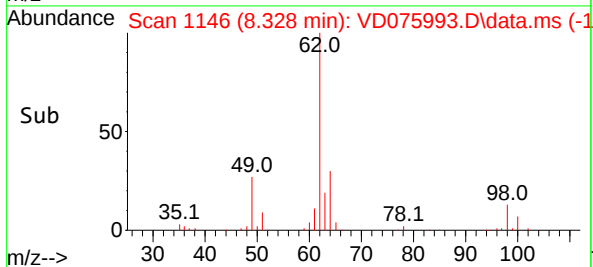
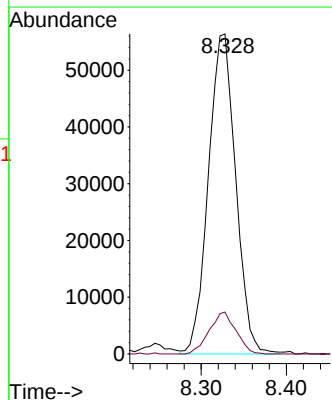
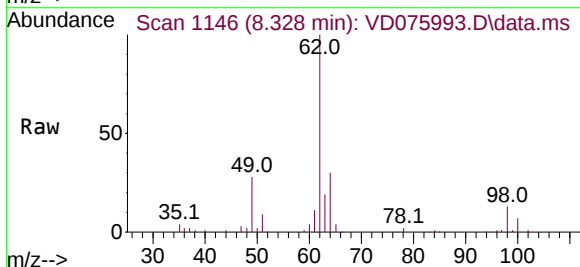
Acq: 03 May 2023 20:56

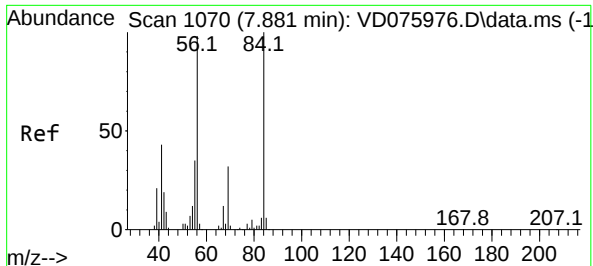
Tgt Ion: 62 Resp: 125616

Ion Ratio Lower Upper

62 100

98 13.1 10.2 15.2





#29

Cyclohexane

Concen: 27.170 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

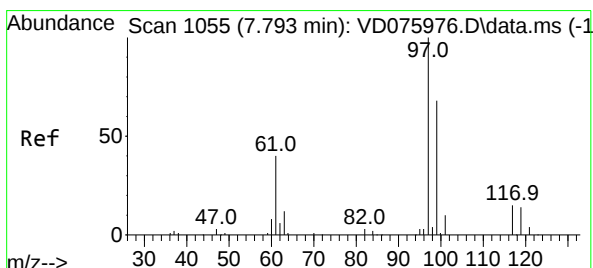
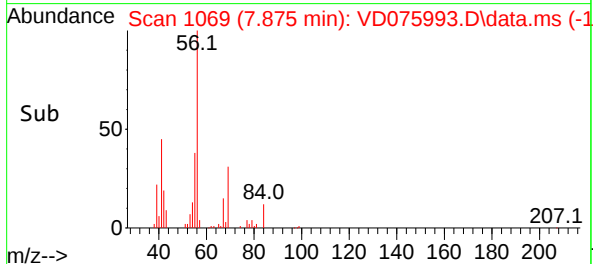
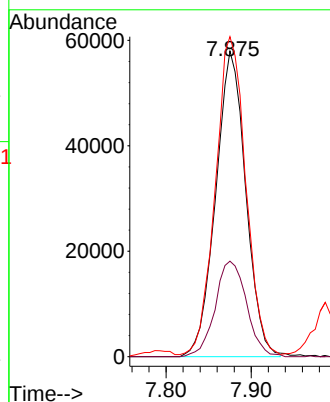
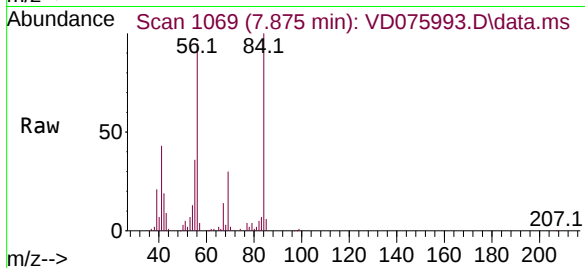
Tgt Ion: 56 Resp: 142016

Ion Ratio Lower Upper

56 100

69 32.6 28.2 42.2

84 105.9 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 26.717 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

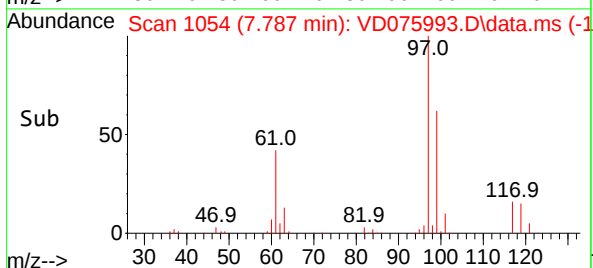
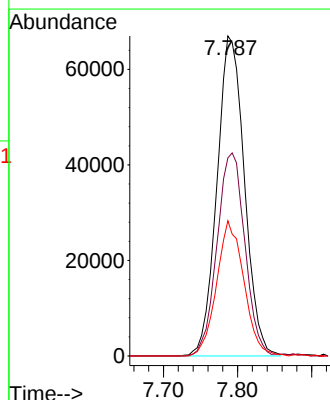
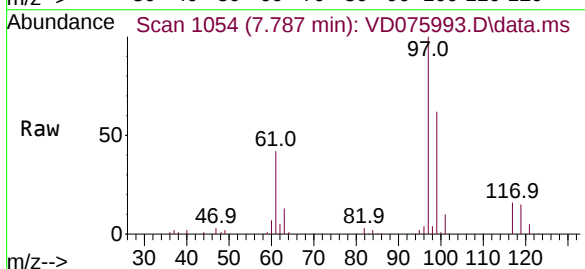
Tgt Ion: 97 Resp: 172593

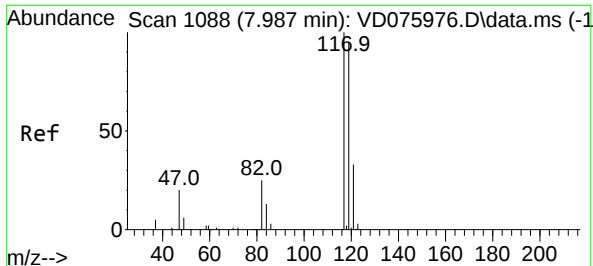
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 41.9 32.1 48.1

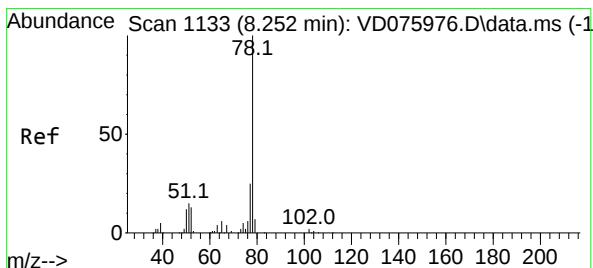
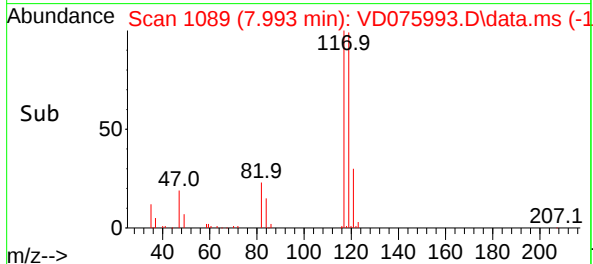
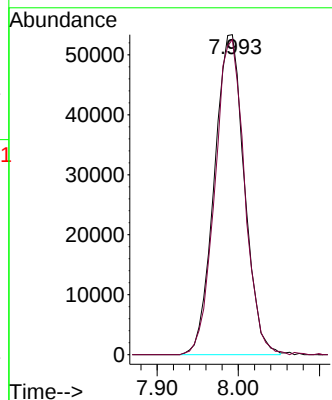
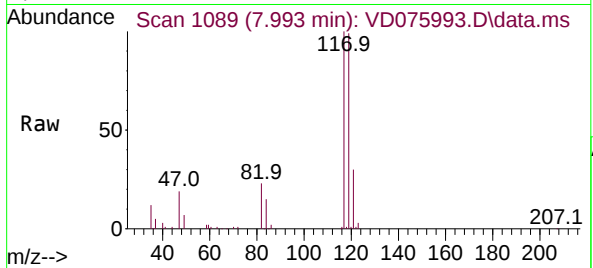




#31
Carbon tetrachloride
Concen: 26.532 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

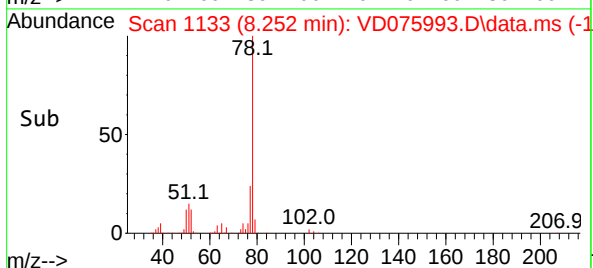
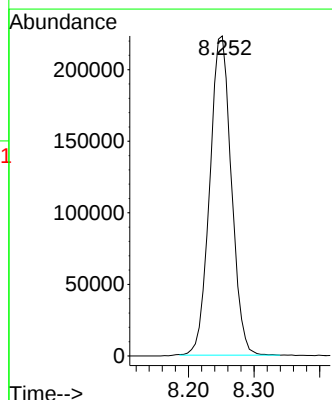
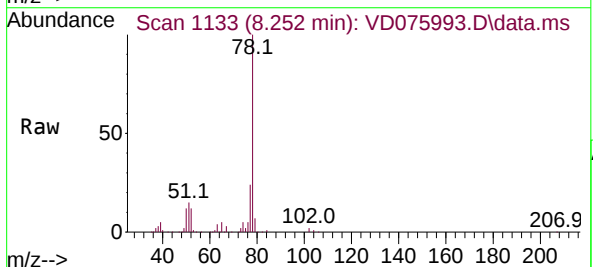
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

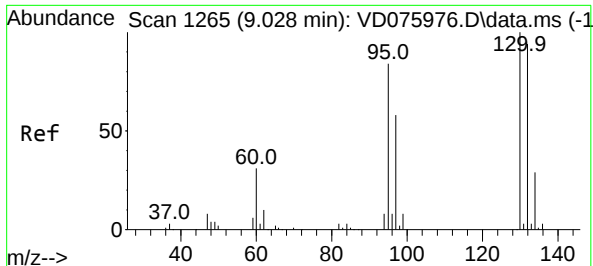
Tgt Ion:117 Resp: 137509
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4



#33
Benzene
Concen: 27.588 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 78 Resp: 509519





#34

Trichloroethene

Concen: 26.432 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

Tgt Ion: 95 Resp: 126243

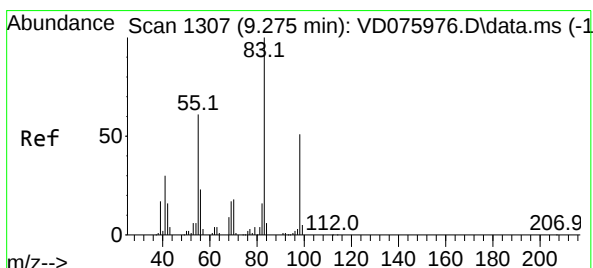
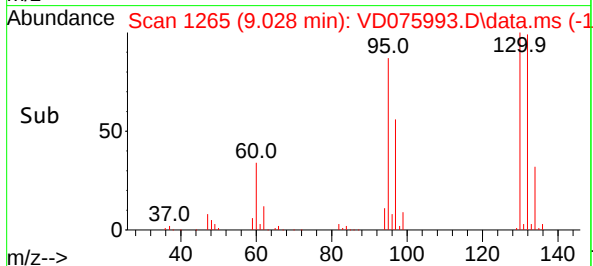
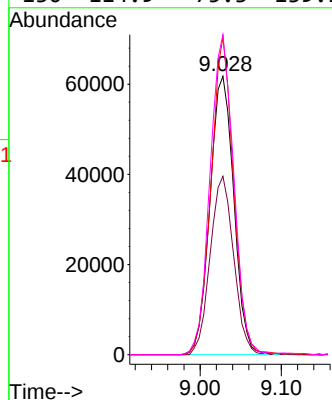
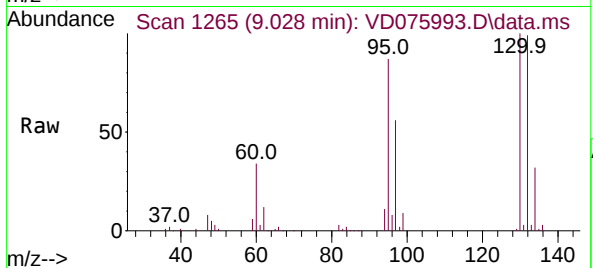
Ion Ratio Lower Upper

95 100

97 64.1 46.0 85.4

132 114.0 73.3 136.1

130 114.9 75.3 139.9



#35

Methylcyclohexane

Concen: 25.964 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

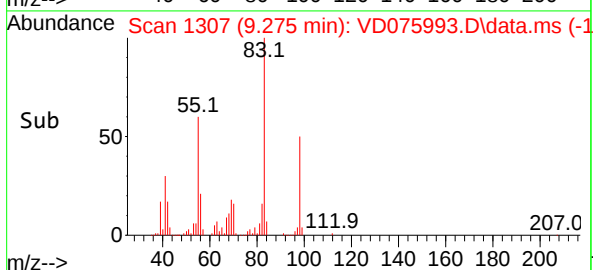
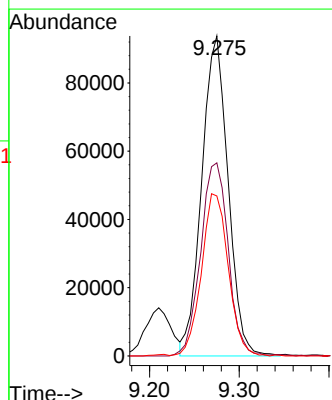
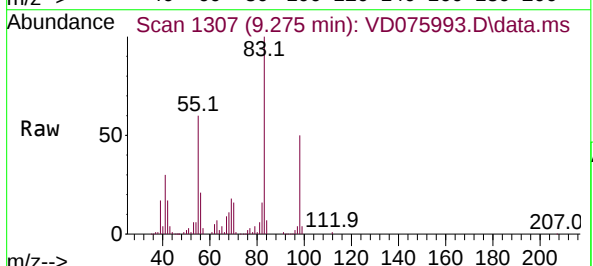
Tgt Ion: 83 Resp: 191193

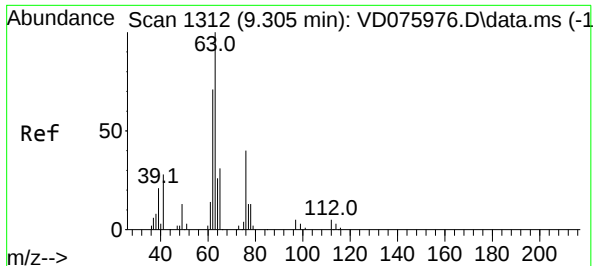
Ion Ratio Lower Upper

83 100

55 63.1 48.2 72.2

98 51.6 40.8 61.2





#37

1,2-Dichloropropane

Concen: 30.077 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

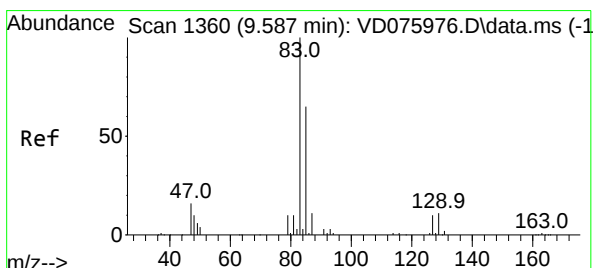
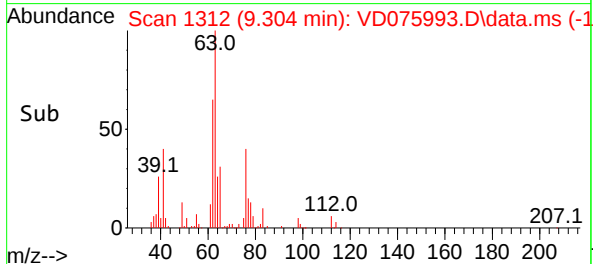
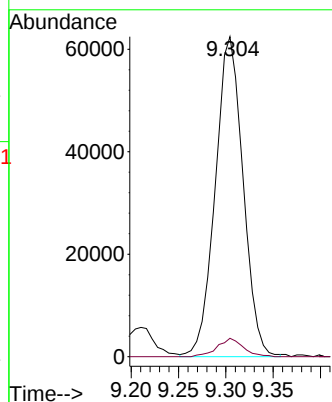
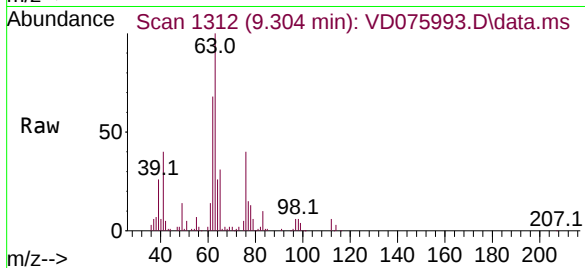
VSTD025147

Tgt Ion: 63 Resp: 127600

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 28.276 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

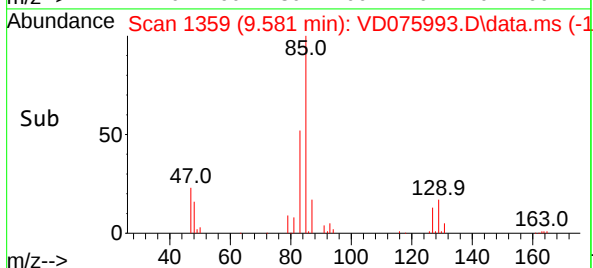
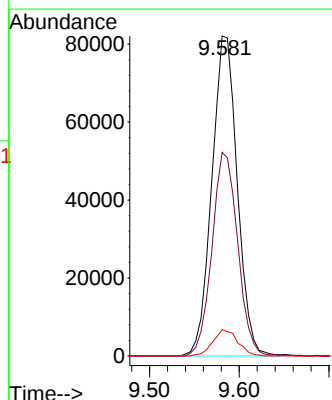
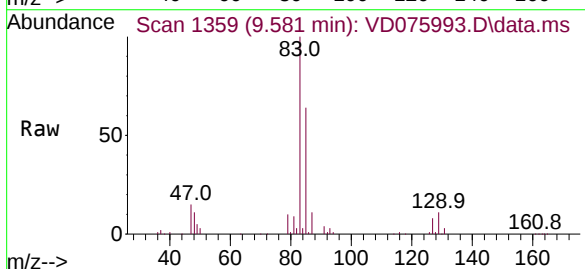
Tgt Ion: 83 Resp: 161748

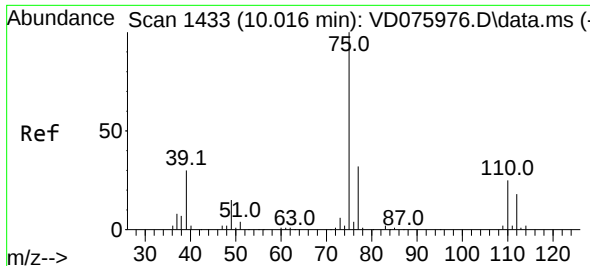
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.2

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.137 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

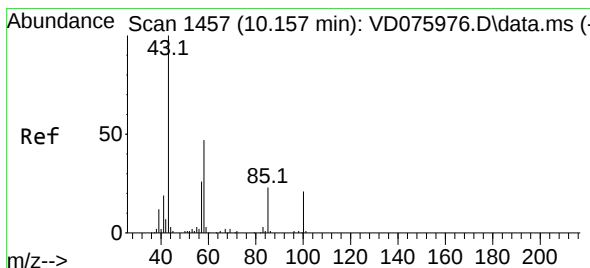
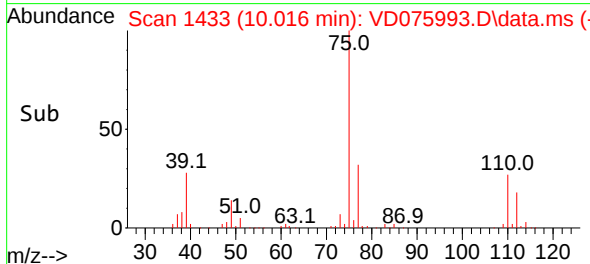
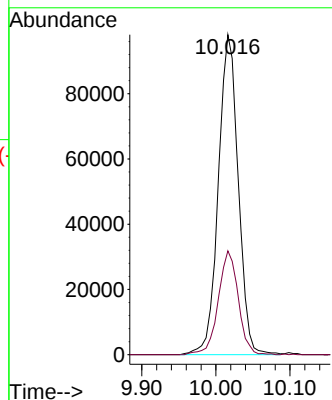
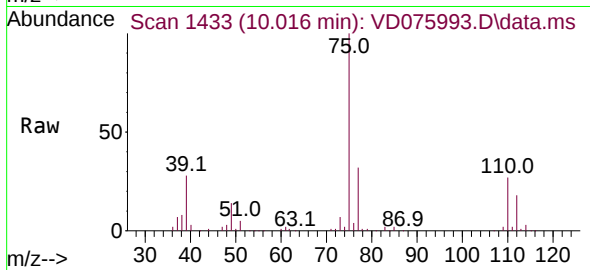
VSTD025147

Tgt Ion: 75 Resp: 183096

Ion Ratio Lower Upper

75 100

77 32.4 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 67.823 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

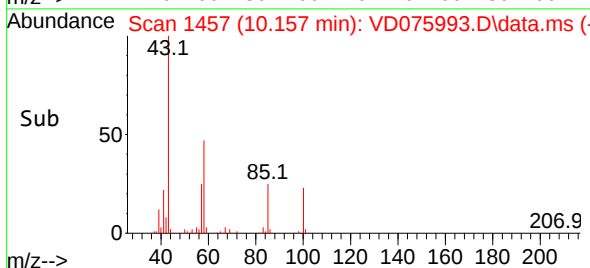
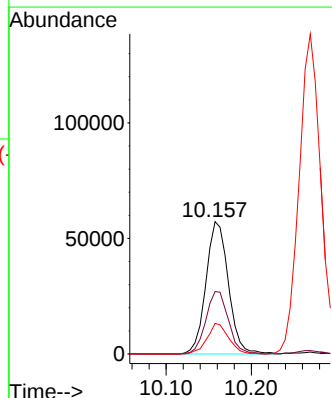
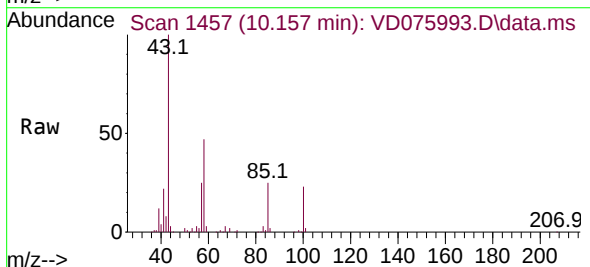
Tgt Ion: 43 Resp: 104909

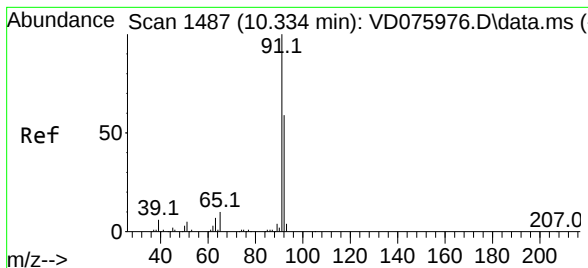
Ion Ratio Lower Upper

43 100

58 47.3 39.1 58.7

100 22.0 19.4 29.0





#42

Toluene

Concen: 28.362 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

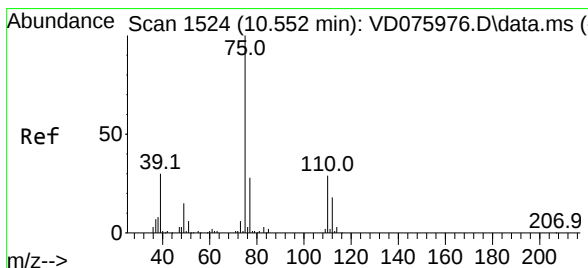
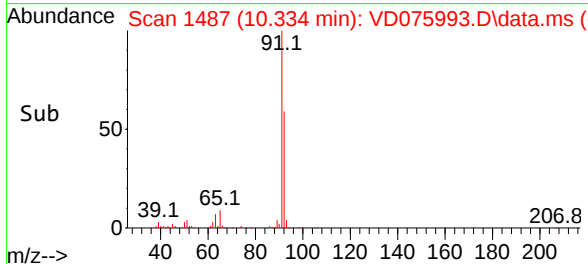
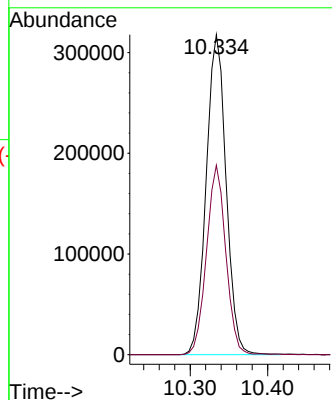
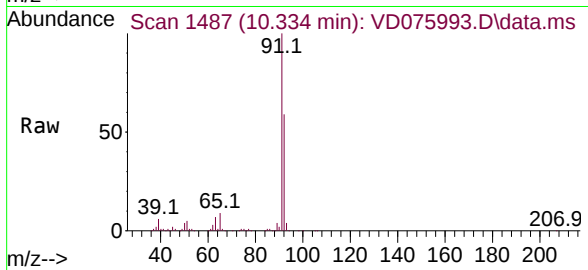
VSTD025147

Tgt Ion: 91 Resp: 566854

Ion Ratio Lower Upper

91 100

92 59.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 28.195 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075993.D

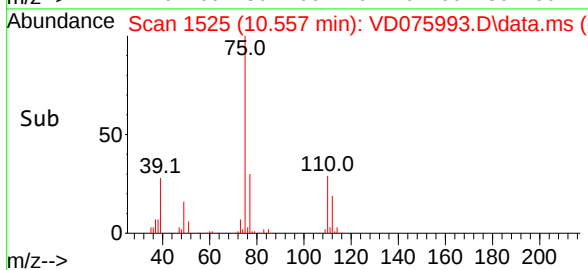
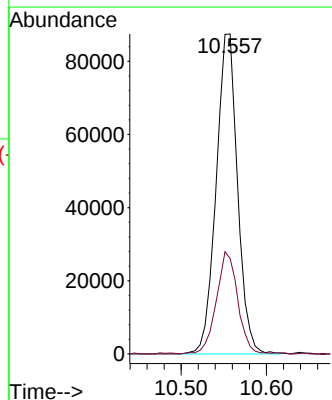
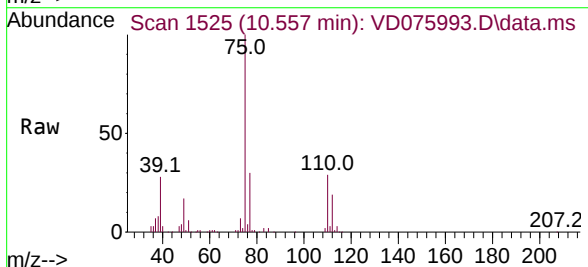
Acq: 03 May 2023 20:56

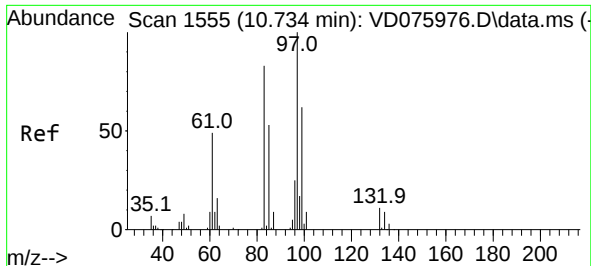
Tgt Ion: 75 Resp: 152822

Ion Ratio Lower Upper

75 100

77 29.9 22.0 41.0

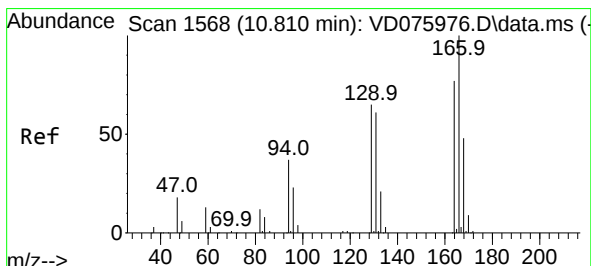
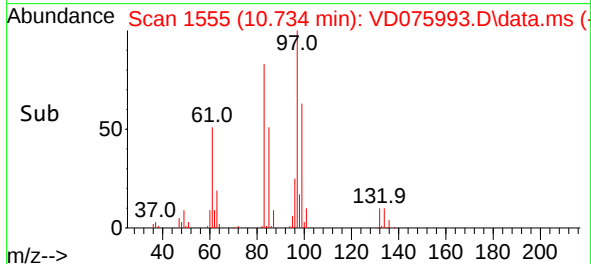
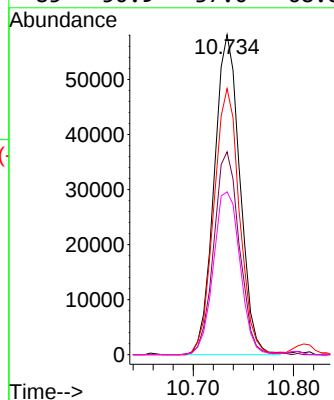
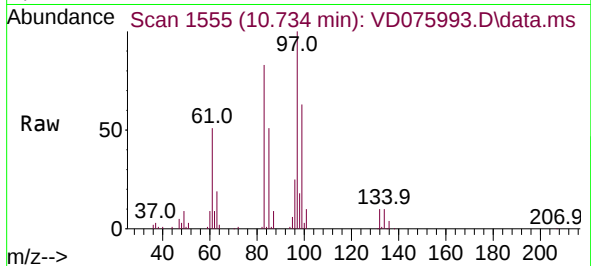




#45
1,1,2-Trichloroethane
Concen: 28.680 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

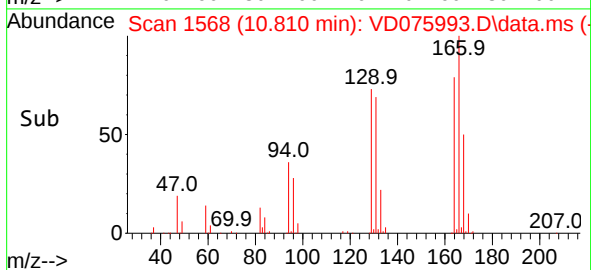
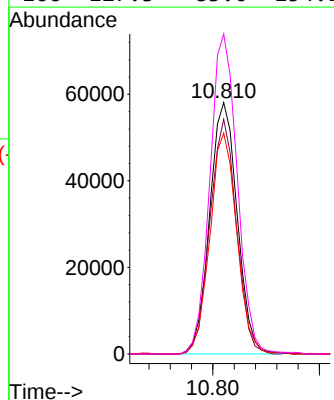
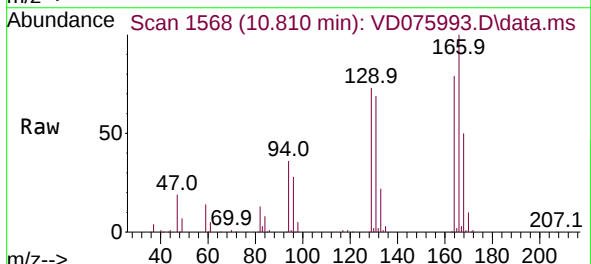
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

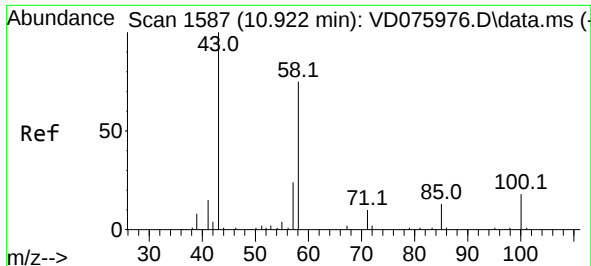
Tgt Ion: 97	Resp: 103514
Ion Ratio	Lower Upper
97 100	
99 63.4	42.2 78.4
83 83.1	54.8 101.8
85 50.9	37.0 68.8



#46
Tetrachloroethene
Concen: 26.578 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt	Ion:164	Resp:	104118
Ion	Ratio	Lower	Upper
164	100		
129	93.4	60.3	112.1
131	87.8	58.9	109.3
166	127.3	83.0	154.1

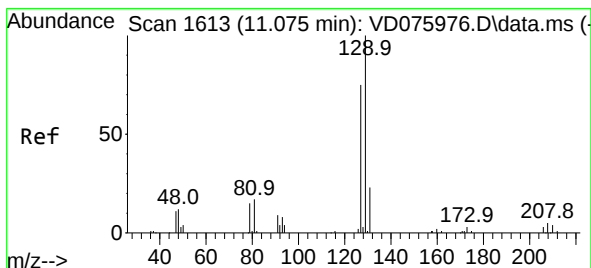
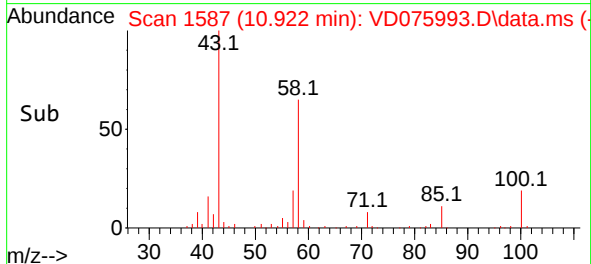
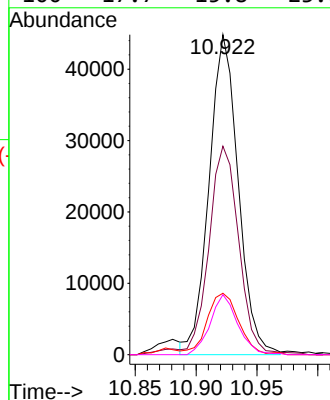
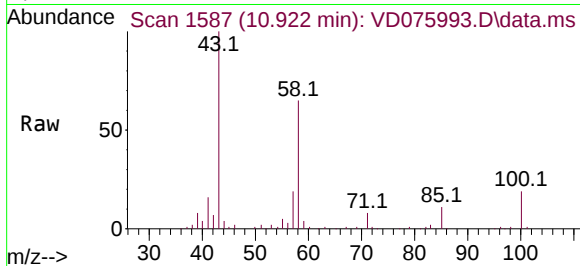




#48
2-Hexanone
Concen: 68.482 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

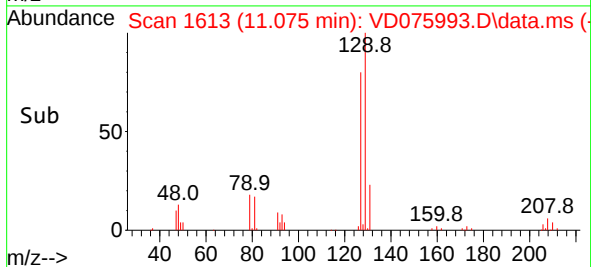
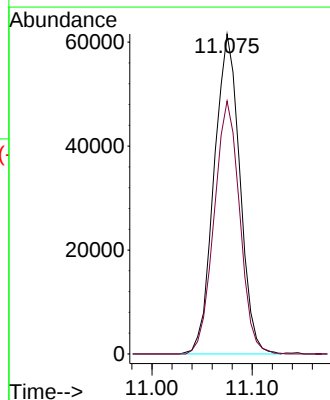
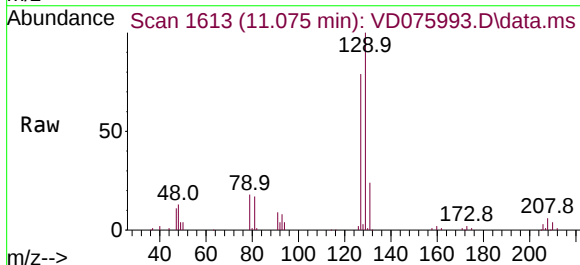
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

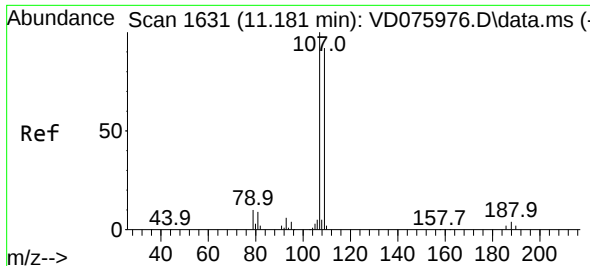
Tgt Ion:	43	Resp:	74677
Ion	Ratio	Lower	Upper
43	100		
58	66.5	59.7	89.5
57	20.8	17.9	26.9
100	17.7	15.8	23.6



#49
Dibromochloromethane
Concen: 27.869 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:	129	Resp:	109504
Ion	Ratio	Lower	Upper
129	100		
127	79.1	55.6	103.4

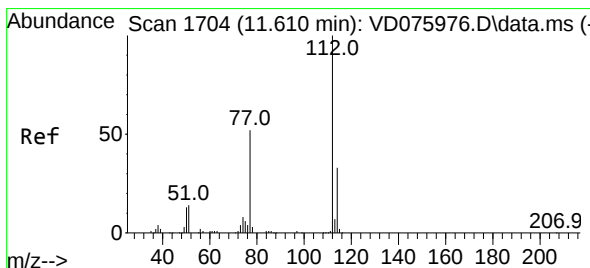
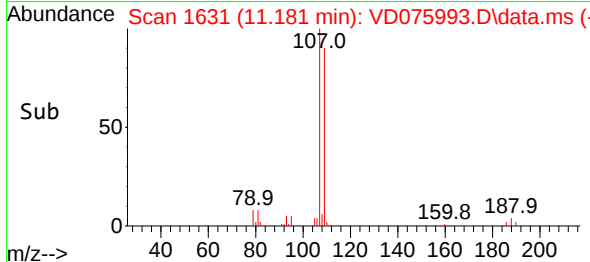
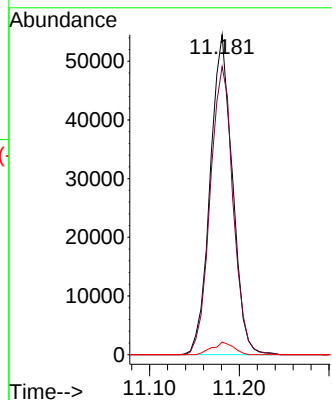
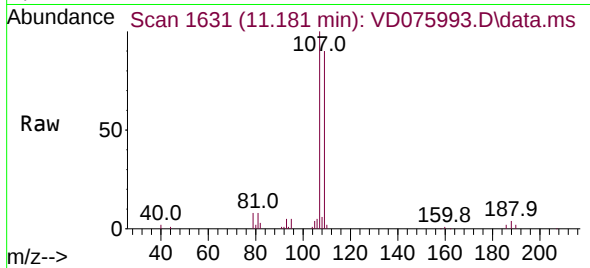




#50
1,2-Dibromoethane
Concen: 28.843 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

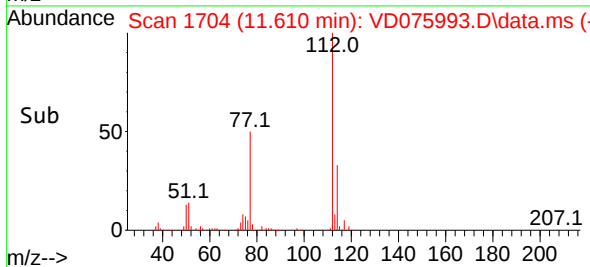
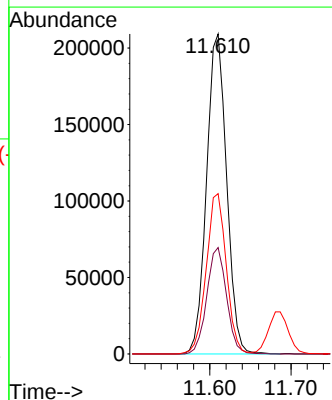
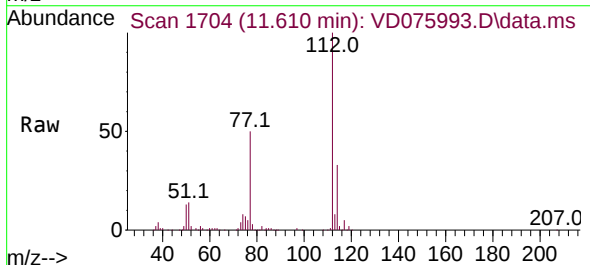
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

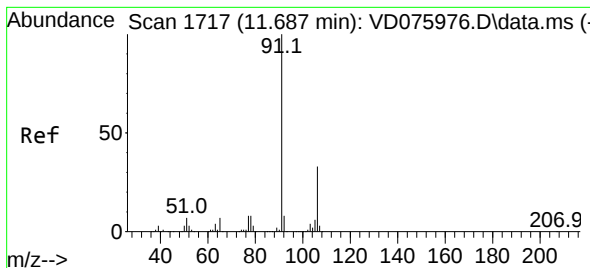
Tgt Ion:107 Resp: 93855
Ion Ratio Lower Upper
107 100
109 90.1 67.6 125.6
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 27.447 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:112 Resp: 358877
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 50.1 39.7 59.5

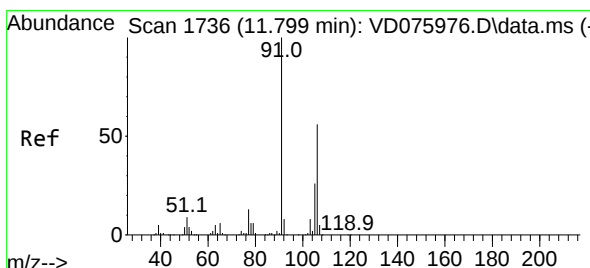
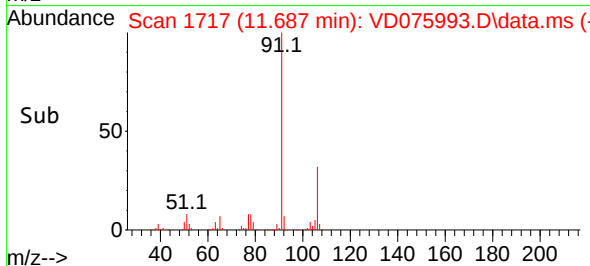
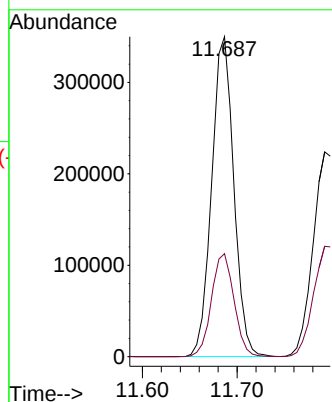
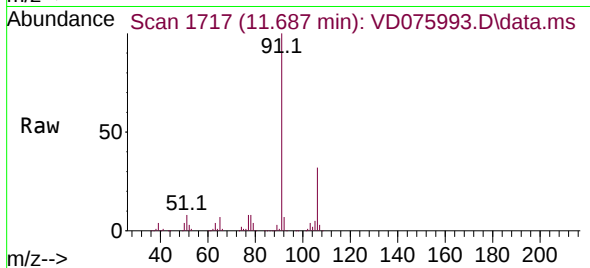




#52
Ethylbenzene
Concen: 27.641 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

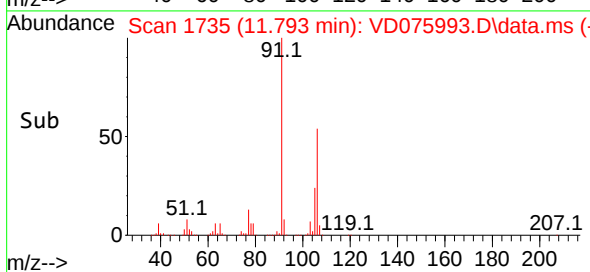
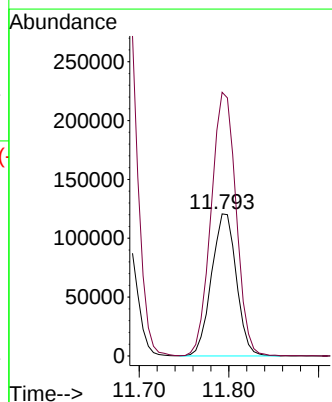
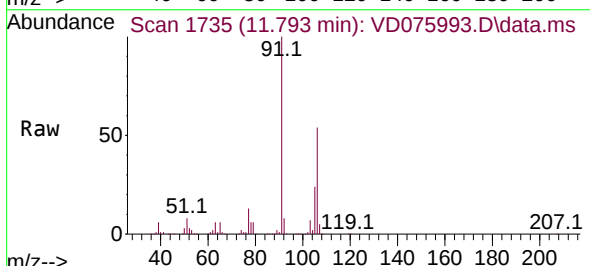
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

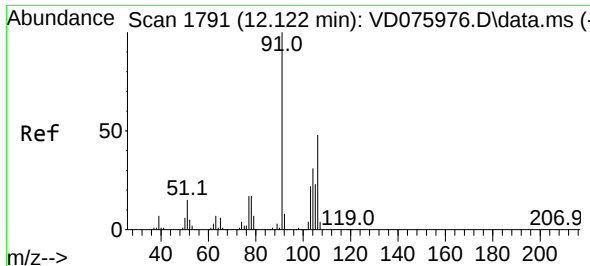
Tgt Ion: 91 Resp: 566501
Ion Ratio Lower Upper
91 100
106 32.2 23.7 43.9



#53
m,p-Xylene
Concen: 28.481 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion: 106 Resp: 232427
Ion Ratio Lower Upper
106 100
91 185.5 130.9 243.1

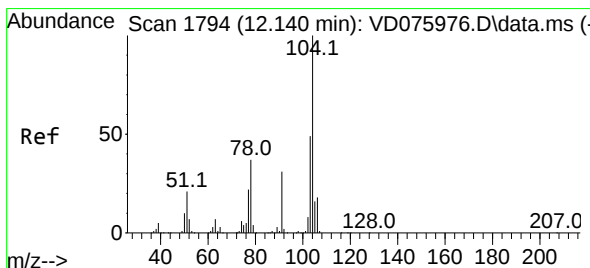
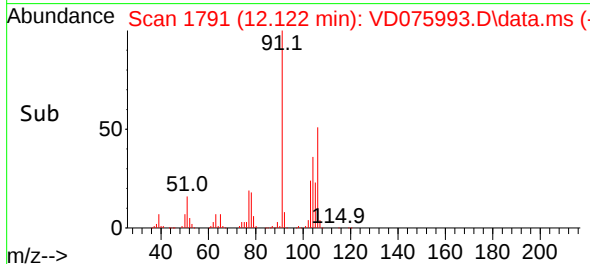
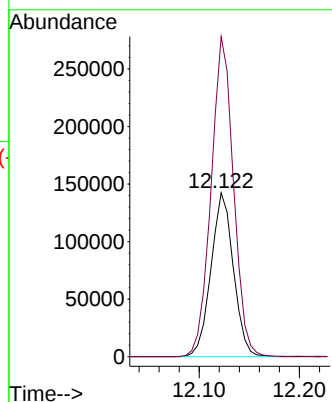
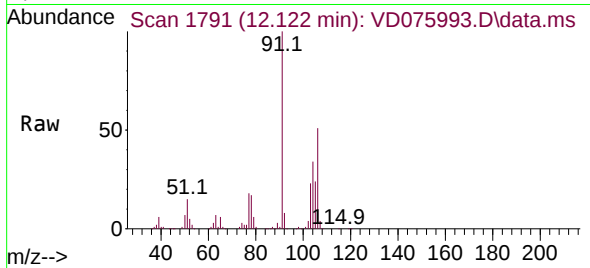




#54
o-Xylene
Concen: 28.539 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

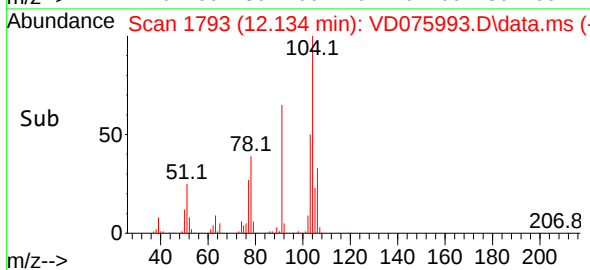
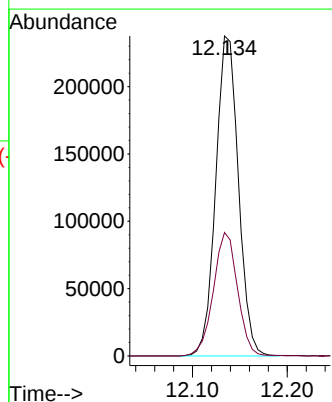
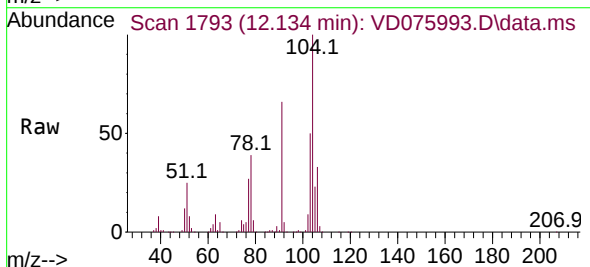
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

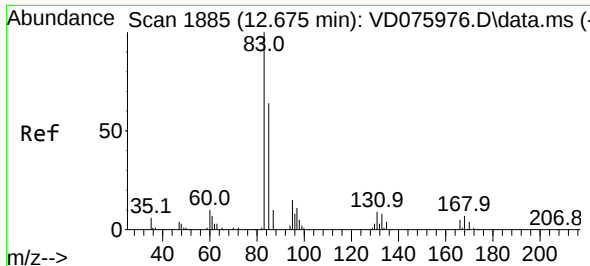
Tgt Ion:106 Resp: 221212
Ion Ratio Lower Upper
106 100
91 195.3 139.8 259.6



#55
Styrene
Concen: 29.385 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:104 Resp: 396430
Ion Ratio Lower Upper
104 100
78 38.6 26.2 48.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.678 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

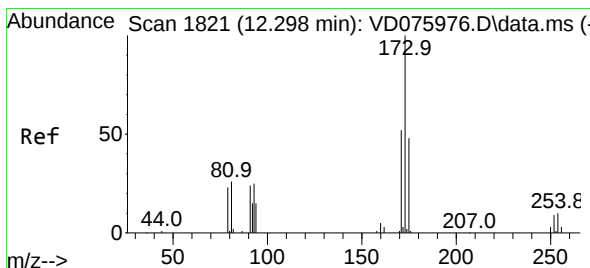
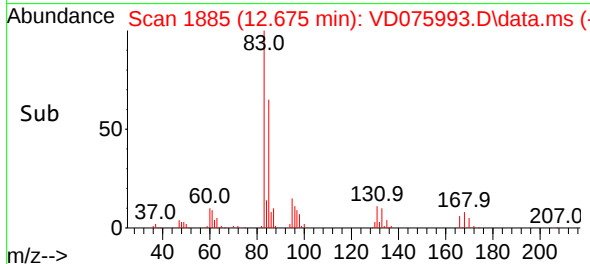
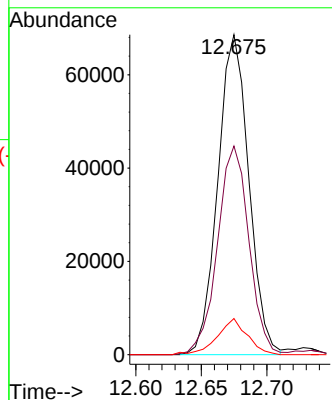
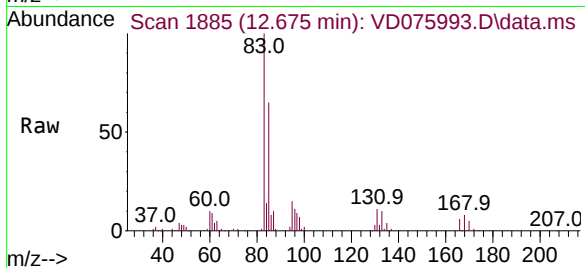
Tgt Ion: 83 Resp: 112660

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

131 11.3 7.0 10.6#



#59

Bromoform

Concen: 27.329 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

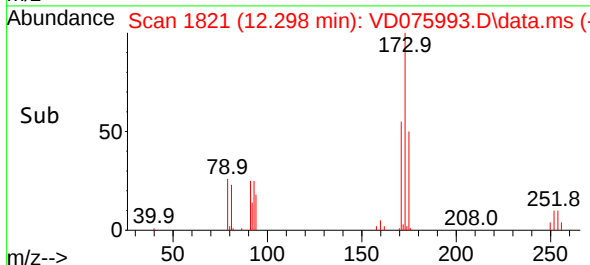
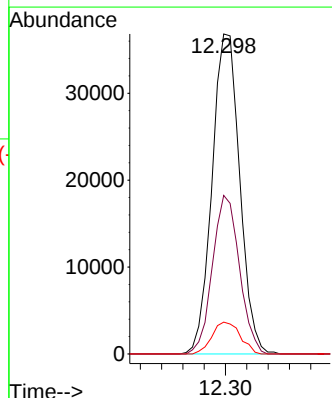
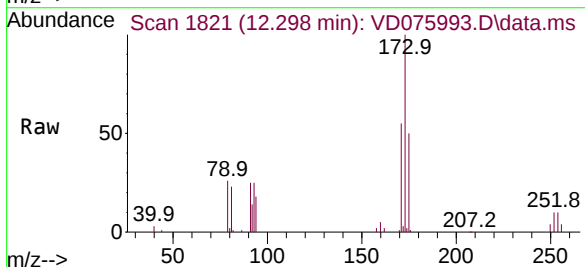
Tgt Ion:173 Resp: 66397

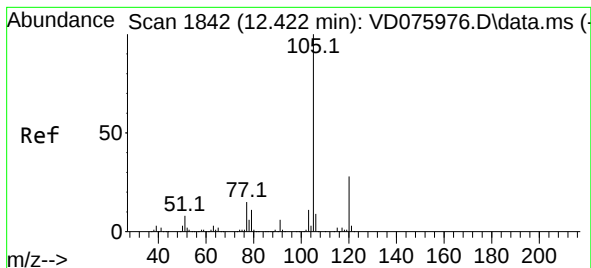
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.0

254 10.2 7.4 11.2





#60

Isopropylbenzene

Concen: 26.079 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

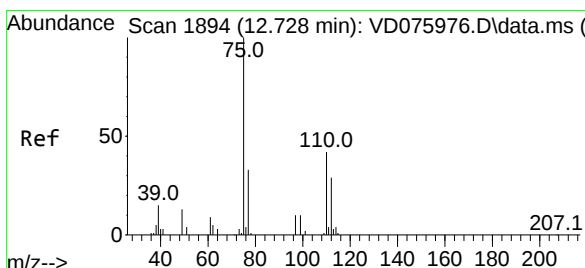
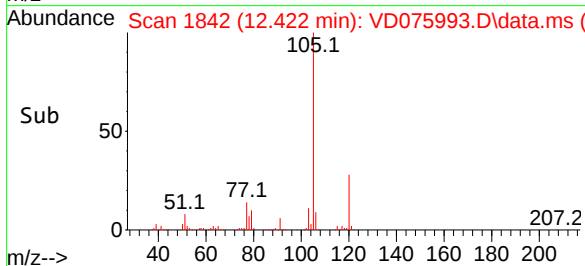
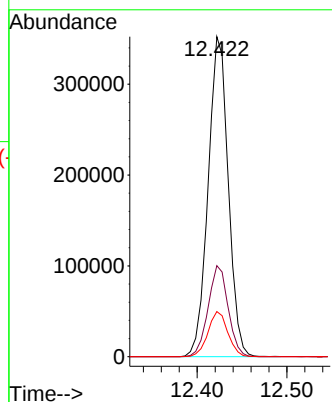
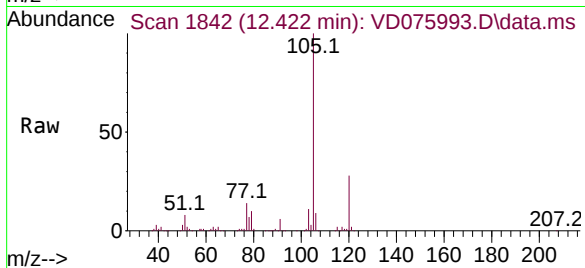
Tgt Ion:105 Resp: 548172

Ion Ratio Lower Upper

105 100

120 28.3 22.7 34.1

77 13.9 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 28.861 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

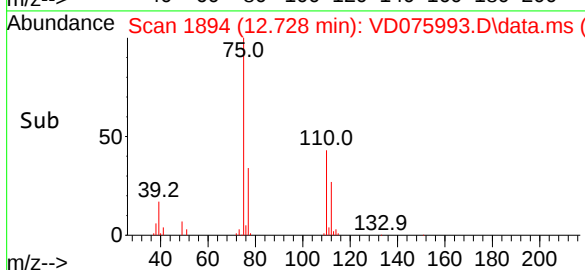
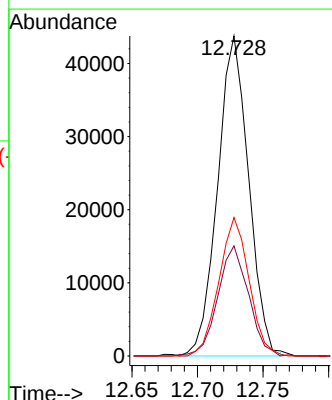
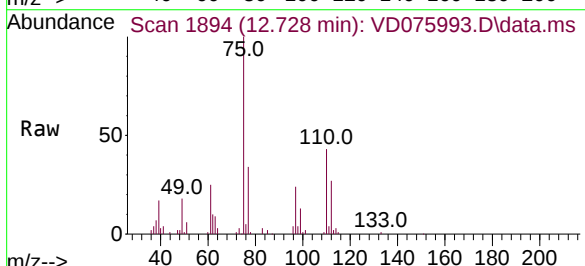
Tgt Ion: 75 Resp: 71872

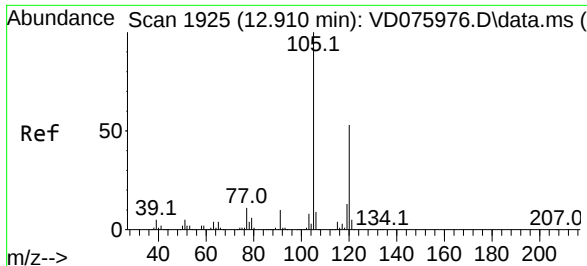
Ion Ratio Lower Upper

75 100

77 34.0 26.6 39.8

110 42.1 33.5 50.3

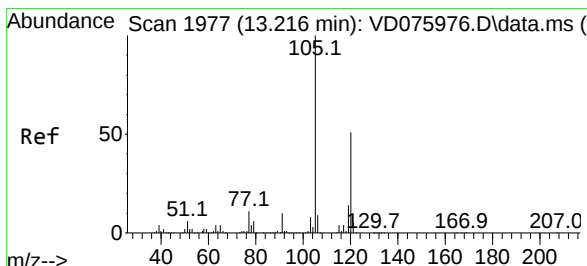
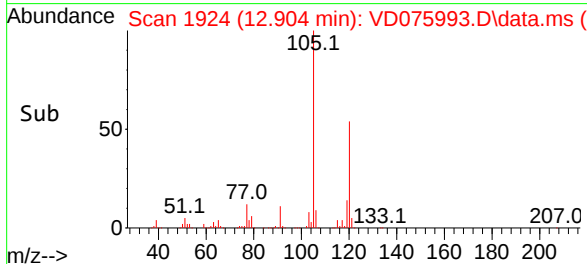
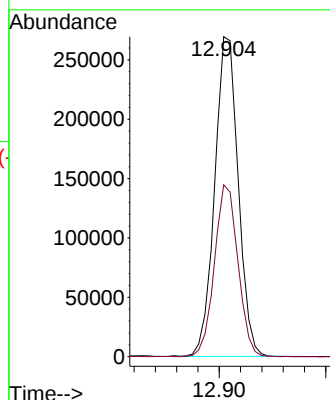
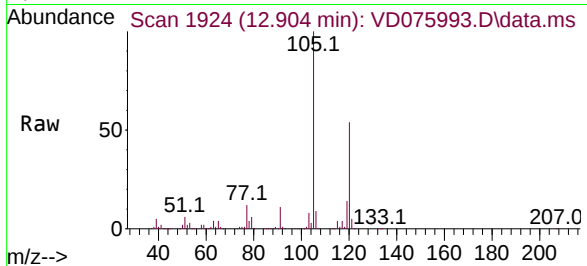




#62
1,3,5-Trimethylbenzene
Concen: 26.313 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

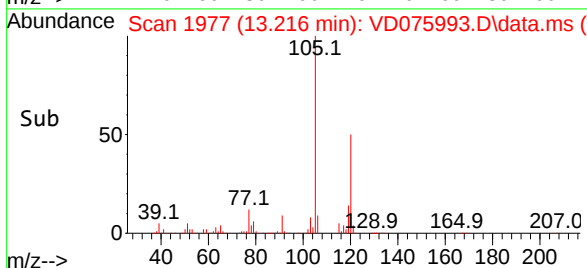
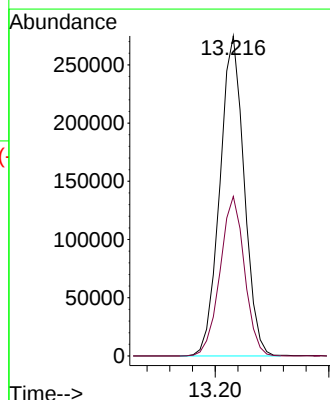
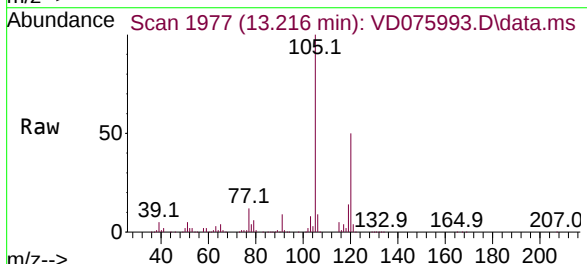
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

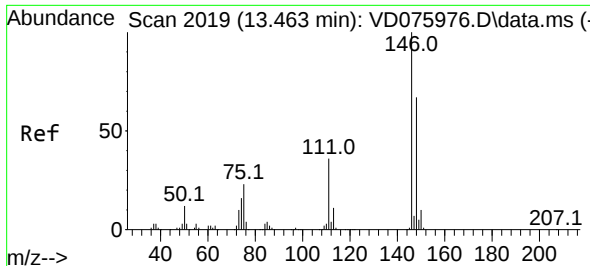
Tgt Ion:105 Resp: 412433
Ion Ratio Lower Upper
105 100
120 53.7 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 27.010 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:105 Resp: 408106
Ion Ratio Lower Upper
105 100
120 50.0 39.0 58.6

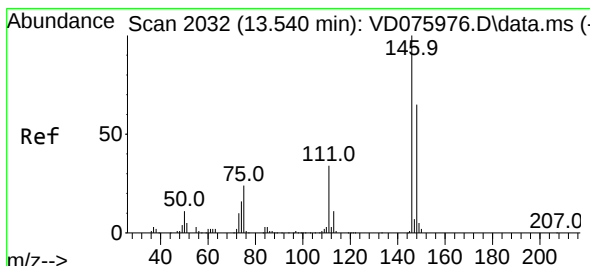
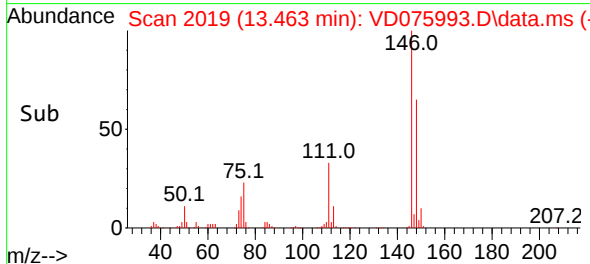
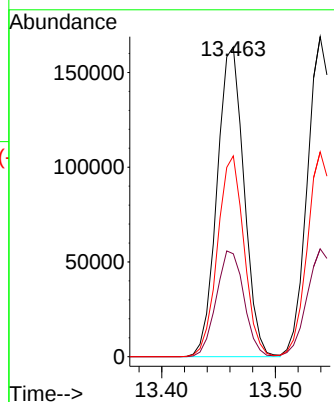
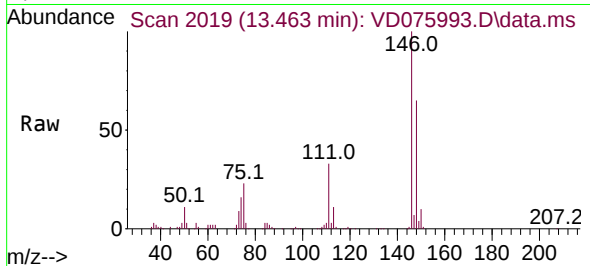




#64
1,3-Dichlorobenzene
Concen: 26.773 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

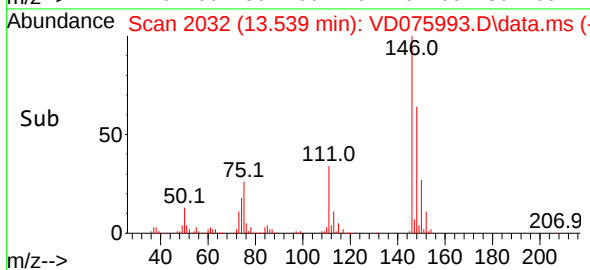
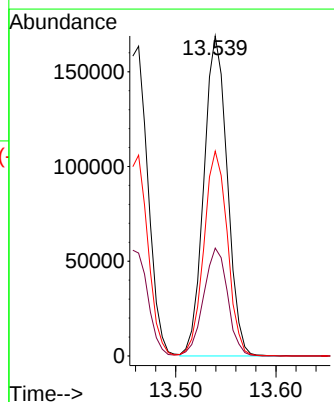
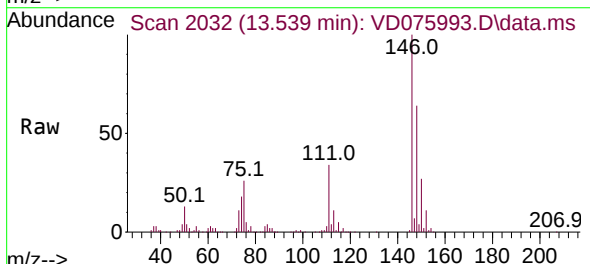
Instrument :
MSVOA_D
ClientSampleId :
VSTD025147

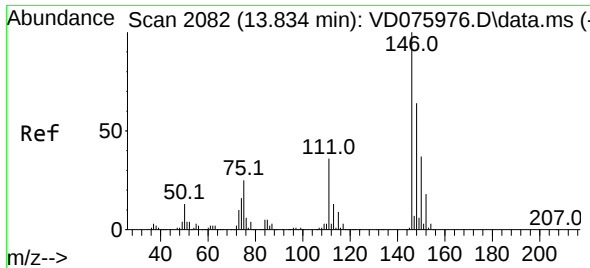
Tgt Ion:146 Resp: 269263
Ion Ratio Lower Upper
146 100
111 33.2 26.5 49.1
148 64.8 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 26.046 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075993.D
Acq: 03 May 2023 20:56

Tgt Ion:146 Resp: 274928
Ion Ratio Lower Upper
146 100
111 33.7 24.6 45.8
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.217 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

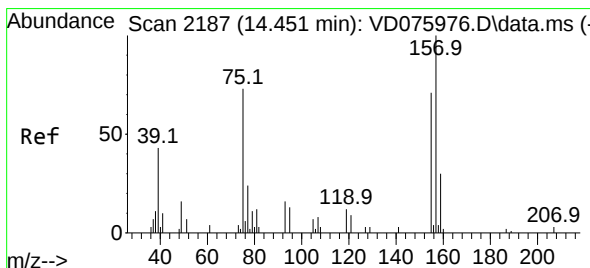
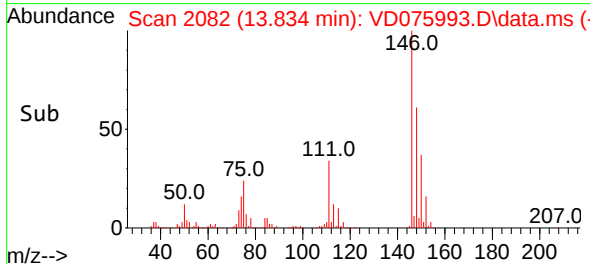
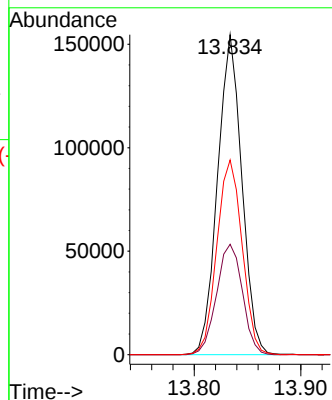
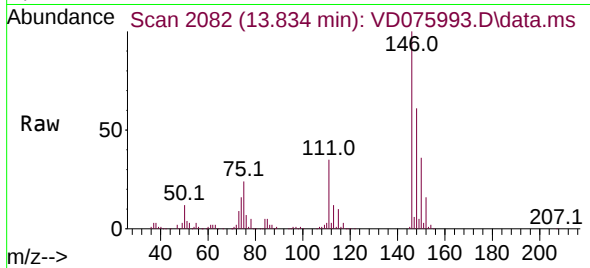
Tgt Ion:146 Resp: 244450

Ion Ratio Lower Upper

146 100

111 34.5 30.6 46.0

148 60.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 30.569 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

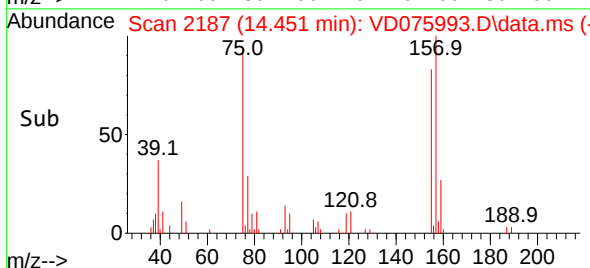
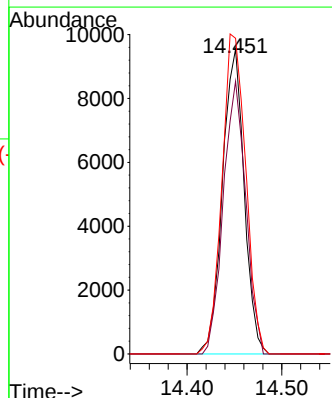
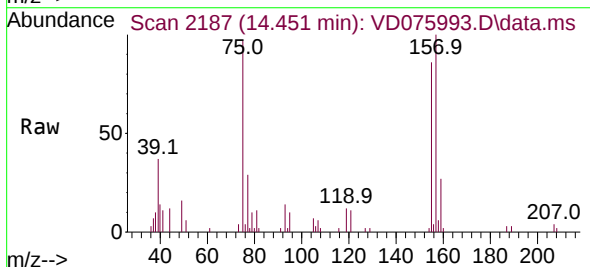
Tgt Ion: 75 Resp: 15218

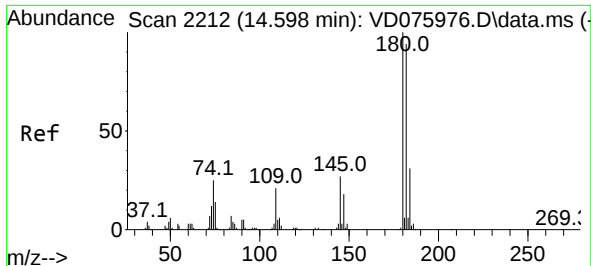
Ion Ratio Lower Upper

75 100

155 89.4 74.6 111.8

157 103.6 109.4 164.2#

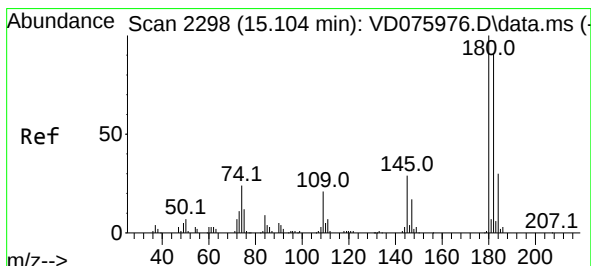
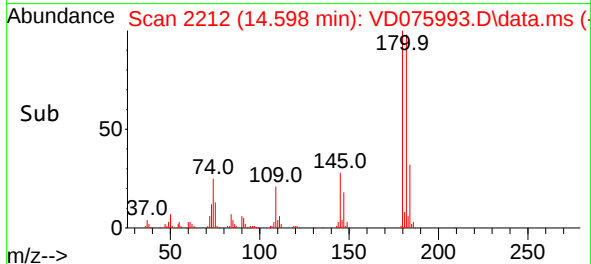
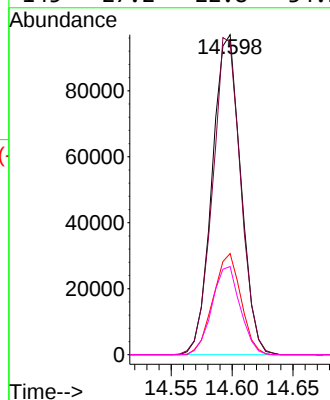
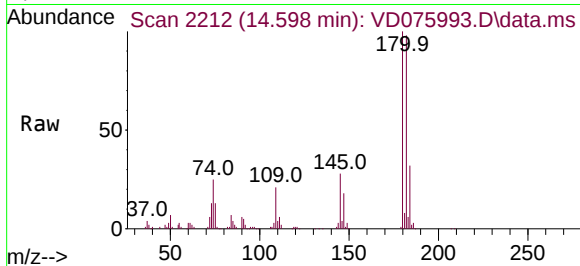




#69
 1,3,5-Trichlorobenzene
 Concen: 23.482 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

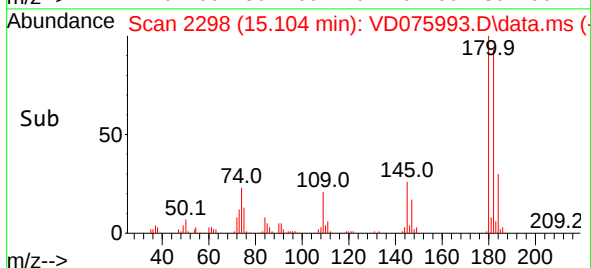
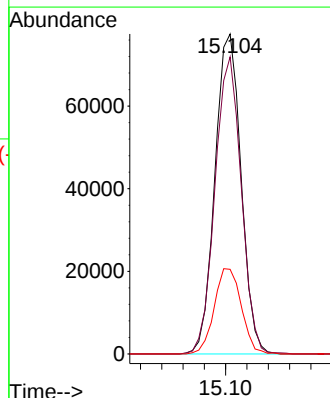
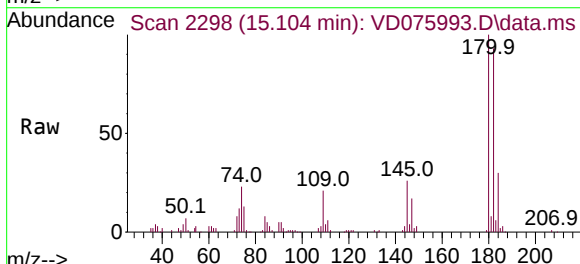
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025147

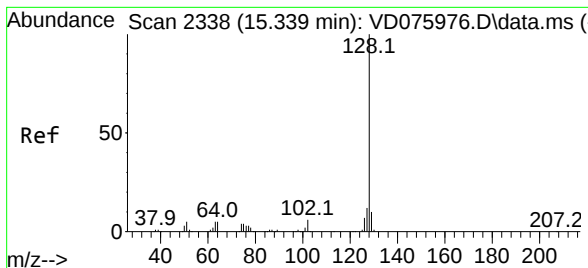
Tgt Ion:180	Resp: 158292
Ion Ratio	Lower Upper
180	100
182	97.4 74.9 112.3
184	30.8 25.0 37.4
145	27.2 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 23.606 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075993.D
 Acq: 03 May 2023 20:56

Tgt Ion:180	Resp: 131873
Ion Ratio	Lower Upper
180	100
182	93.4 75.4 113.2
145	27.6 23.6 35.4





#71

Naphthalene

Concen: 25.681 ug/L

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTD025147

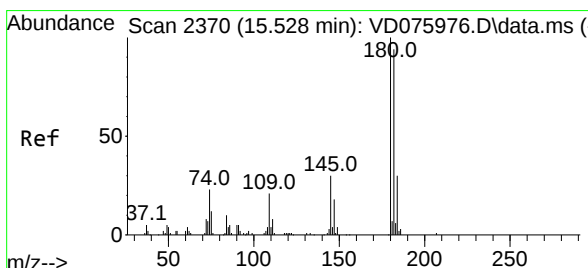
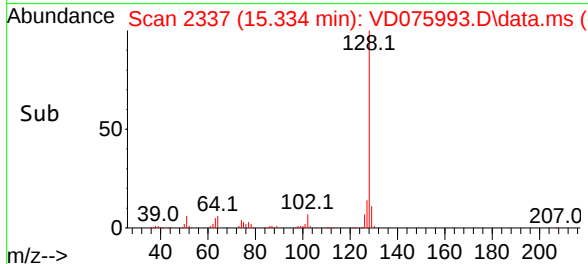
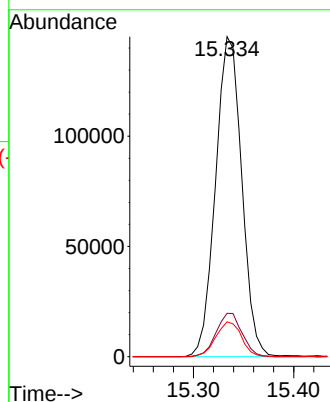
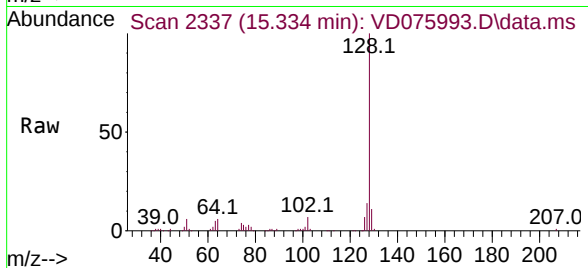
Tgt Ion:128 Resp: 262544

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 10.7 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 25.141 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075993.D

Acq: 03 May 2023 20:56

Tgt Ion:180 Resp: 125369

Ion Ratio Lower Upper

180 100

182 96.7 76.3 114.5

145 30.4 25.0 37.6

