

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075425.D
 Acq On : 01 Mar 2023 13:35
 Operator : KP/SY
 Sample : VSTD2.511
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5111

Quant Time: Mar 02 01:01:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	332278	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	289339	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	130477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	27333	3.313	ug/L	0.00
7) Chloroethane-d5	2.799	69	23962	3.355	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	63	23394	3.036	ug/L	-0.01
21) 2-Butanone-d5	6.987	46	3598	4.706	ug/L	0.00
24) Chloroform-d	7.569	84	26159	3.004	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	11192	2.967	ug/L	0.00
32) Benzene-d6	8.199	84	52223	3.039	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	14544	2.995	ug/L	0.00
41) Toluene-d8	10.269	98	45201	2.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.534	79	6077	3.062	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	3830	5.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	12291	3.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	13552	2.969	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14209	2.780	ug/L	98
3) Chloromethane	2.146	50	24911	2.898	ug/L	94
5) Vinyl chloride	2.281	62	29031	2.685	ug/L	95
6) Bromomethane	2.693	94	12562	2.452	ug/L	96
8) Chloroethane	2.834	64	17804	2.594	ug/L	95
9) Trichlorofluoromethane	3.170	101	21659	2.676	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	14721	2.633	ug/L #	87
12) 1,1-Dichloroethene	3.934	96	7025	1.427	ug/L #	81
13) Acetone	3.999	43	614	0.707	ug/L	88
14) Carbon disulfide	4.269	76	37221	2.704	ug/L	97
15) Methyl Acetate	4.587	43	1174	0.796	ug/L	93
16) Methylene chloride	4.811	84	26496	3.774	ug/L	94
17) trans-1,2-Dichloroethene	5.311	96	12938	2.452	ug/L	88
18) Methyl tert-butyl Ether	5.316	73	21359	2.178	ug/L #	79
19) 1,1-Dichloroethane	6.116	63	22074	2.473	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	14174	2.378	ug/L	97
22) 2-Butanone	7.087	43	5927	5.408	ug/L	99
23) Bromochloromethane	7.422	128	6021	2.357	ug/L	82
25) Chloroform	7.599	83	25359	2.605	ug/L	96
27) 1,2-Dichloroethane	8.322	62	13496	2.571	ug/L	98
29) Cyclohexane	7.875	56	14219	2.297	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	20898	2.686	ug/L	97
31) Carbon tetrachloride	7.993	117	15422	2.496	ug/L	100
33) Benzene	8.252	78	52188	2.510	ug/L	100
34) Trichloroethene	9.028	95	14653	2.698	ug/L	94
35) Methylcyclohexane	9.275	83	20174	2.381	ug/L	96
37) 1,2-Dichloropropane	9.310	63	12692	2.484	ug/L #	92
38) Bromodichloromethane	9.587	83	17731	2.623	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	18013	2.303	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	8508	4.342	ug/L	94
42) Toluene	10.334	91	53735	2.359	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	14864	2.307	ug/L	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

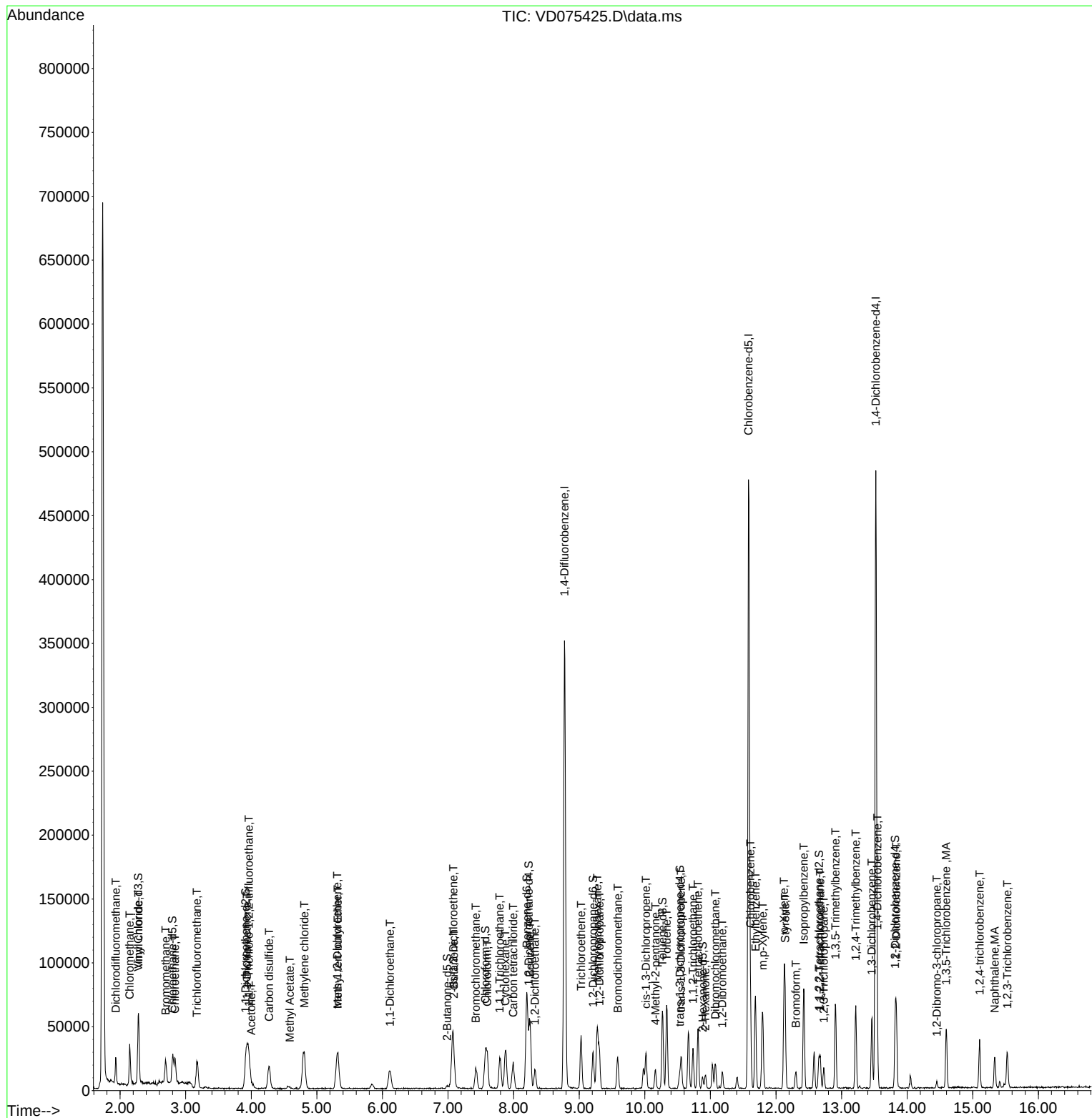
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	9781	2.397	ug/L	90
46) Tetrachloroethene	10.810	164	10804	2.596	ug/L	97
48) 2-Hexanone	10.922	43	6536	4.533	ug/L #	95
49) Dibromochloromethane	11.075	129	10717	2.404	ug/L	89
50) 1,2-Dibromoethane	11.181	107	8763	2.375	ug/L #	88
51) Chlorobenzene	11.610	112	35923	2.428	ug/L	95
52) Ethylbenzene	11.687	91	55076	2.275	ug/L	93
53) m,p-Xylene	11.799	106	20625	2.162	ug/L	98
54) o-Xylene	12.122	106	18702	2.073	ug/L	100
55) Styrene	12.140	104	33214	2.073	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	10424	2.334	ug/L #	84
59) Bromoform	12.304	173	6036	2.564	ug/L	99
60) Isopropylbenzene	12.422	105	52353	2.386	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	7347	2.809	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	37351	2.267	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	35655	2.214	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	23905	2.463	ug/L	100
65) 1,4-Dichlorobenzene	13.545	146	25629	2.567	ug/L	89
67) 1,2-Dichlorobenzene	13.834	146	21463	2.481	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	1308	2.575	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	15221	2.500	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	11451	2.340	ug/L	99
71) Naphthalene	15.334	128	22006	2.267	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	9703	2.249	ug/L	92

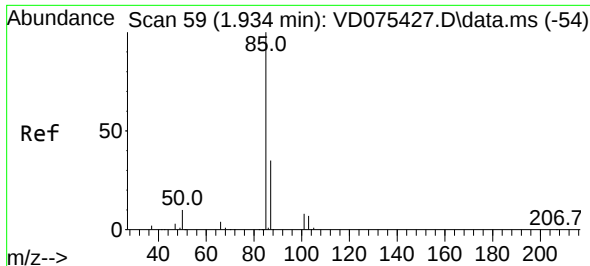
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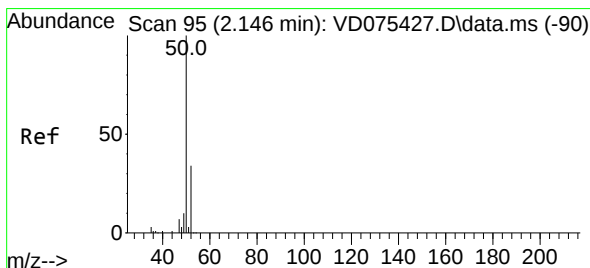
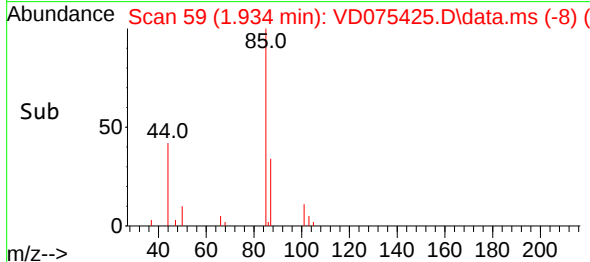
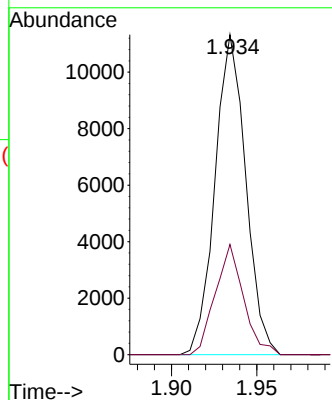
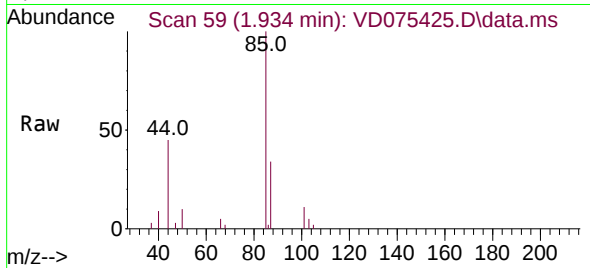




#2
Dichlorodifluoromethane
Concen: 2.780 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

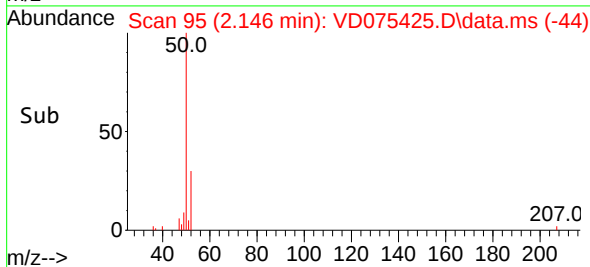
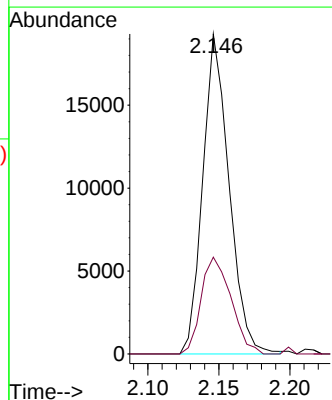
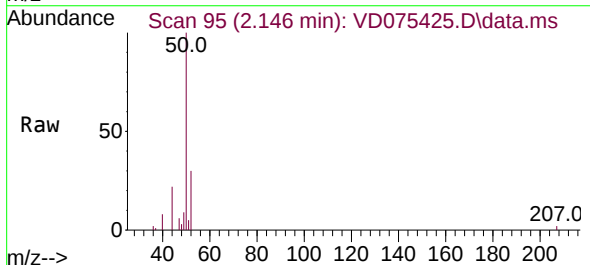
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ClientSampleId :
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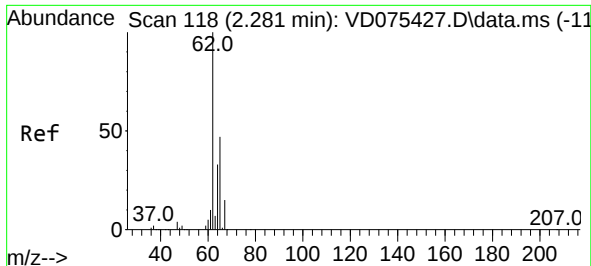
Tgt Ion: 85 Resp: 14209
Ion Ratio Lower Upper
85 100
87 31.7 26.4 39.6



#3
Chloromethane
Concen: 2.898 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 50 Resp: 24911
Ion Ratio Lower Upper
50 100
52 30.3 23.7 43.9

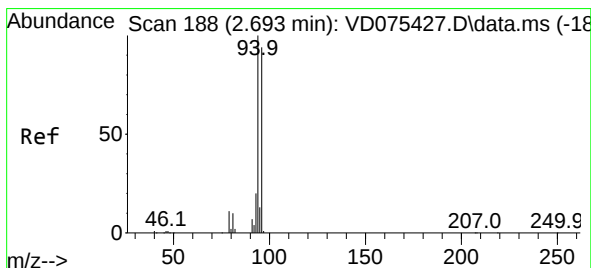
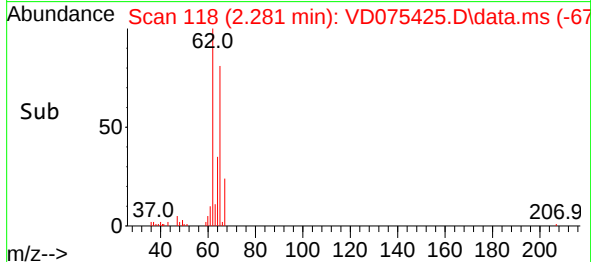
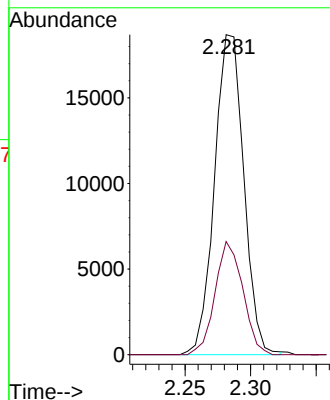
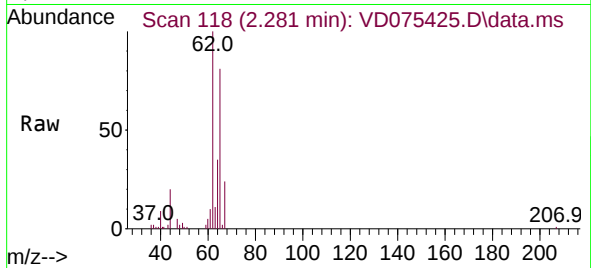




#5
Vinyl chloride
Concen: 2.685 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

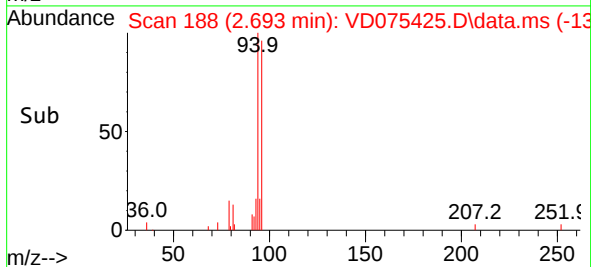
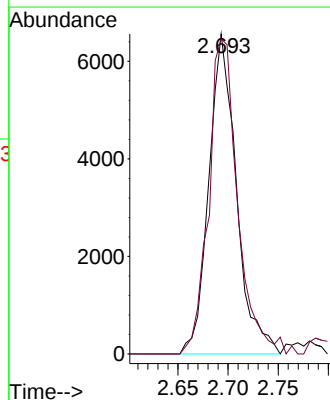
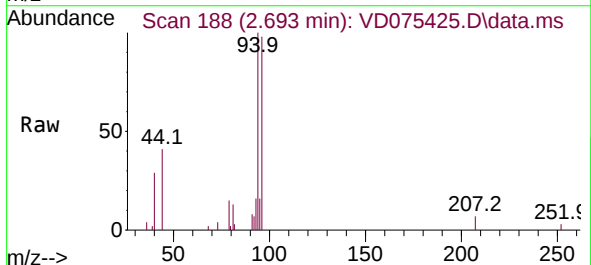
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ClientSampleId :
VSTD2.5111

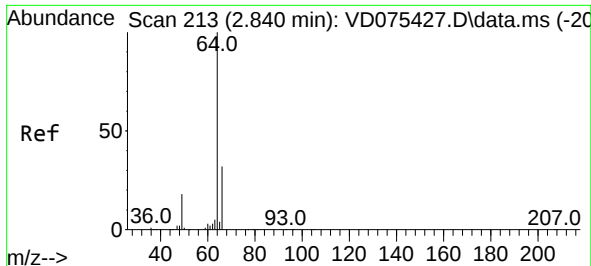
Tgt Ion: 62 Resp: 29031
Ion Ratio Lower Upper
62 100
64 35.4 22.7 42.3



#6
Bromomethane
Concen: 2.452 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 94 Resp: 12562
Ion Ratio Lower Upper
94 100
96 98.5 65.9 122.5

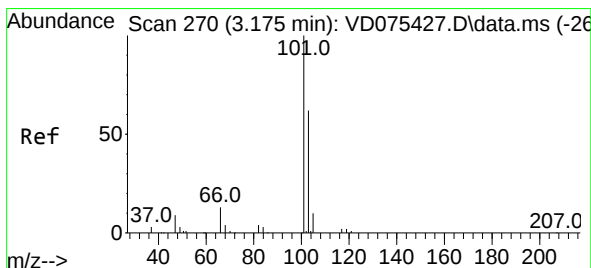
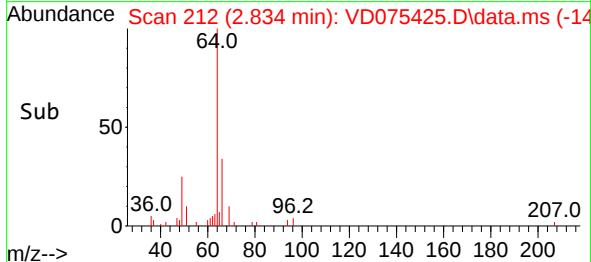
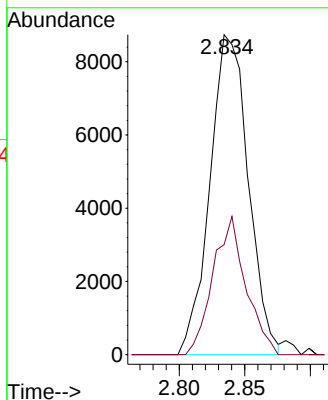
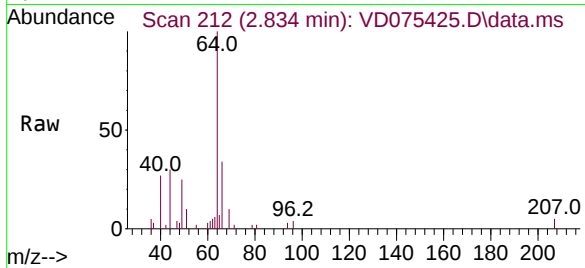




#8
Chloroethane
Concen: 2.594 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

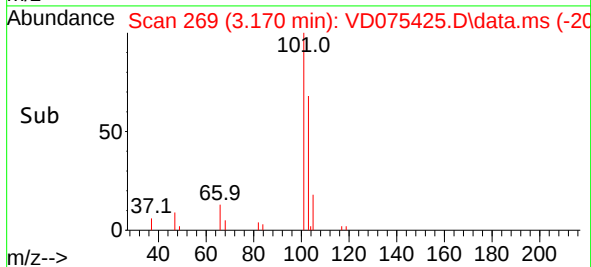
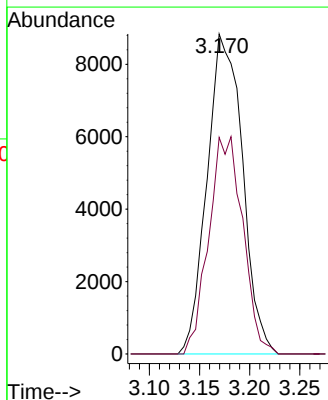
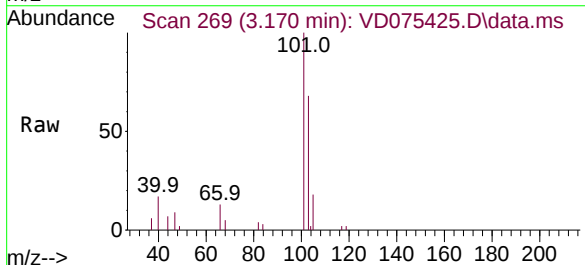
Instrument :
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ClientSampleId :
VSTD2.5111

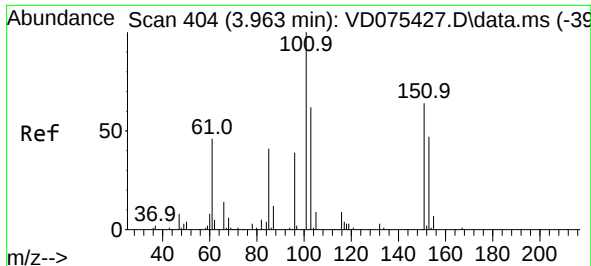
Tgt Ion: 64 Resp: 17804
Ion Ratio Lower Upper
64 100
66 34.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 2.676 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:101 Resp: 21659
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

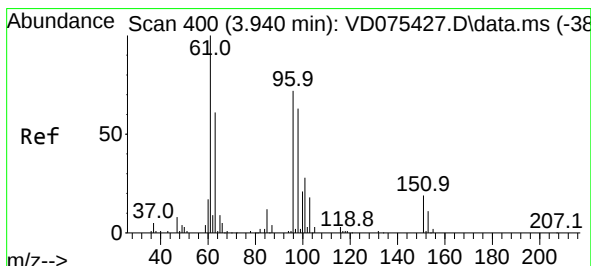
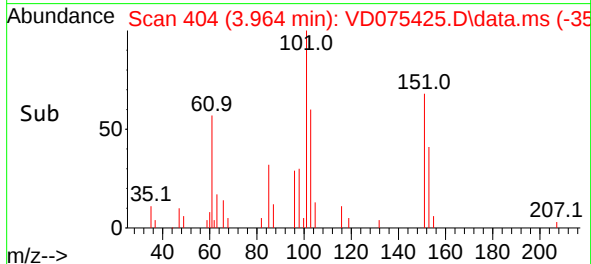
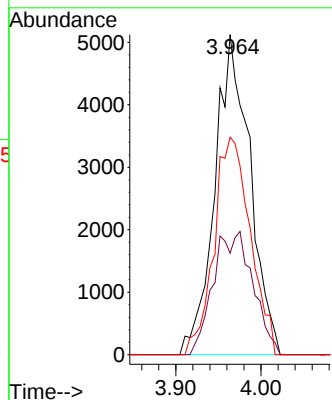
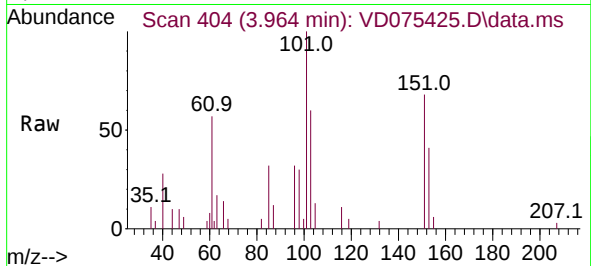




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.633 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075425.D
 Acq: 01 Mar 2023 13:35

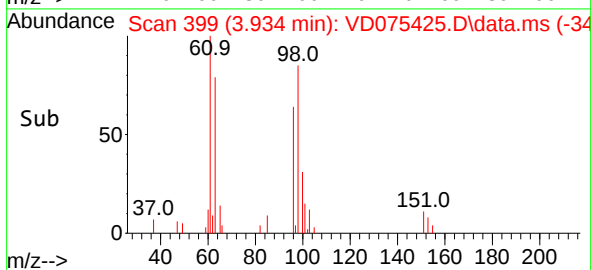
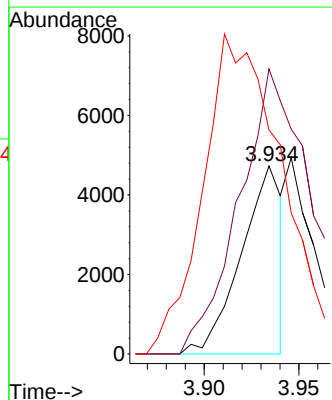
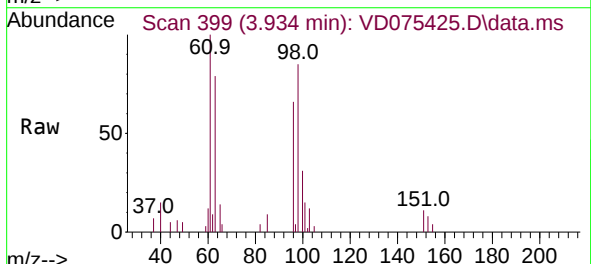
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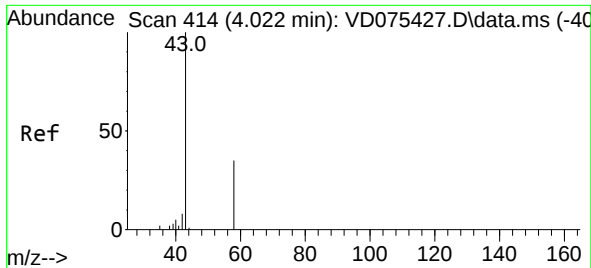
Tgt Ion:101 Resp: 14721
 Ion Ratio Lower Upper
 101 100
 85 22.6 34.0 51.0#
 151 70.0 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 1.427 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075425.D
 Acq: 01 Mar 2023 13:35

Tgt Ion: 96 Resp: 7025
 Ion Ratio Lower Upper
 96 100
 61 151.6 97.5 181.1
 63 119.1 62.4 116.0#





#13

Acetone

Concen: 0.707 ug/L

RT: 3.999 min Scan# 414

Delta R.T. -0.023 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

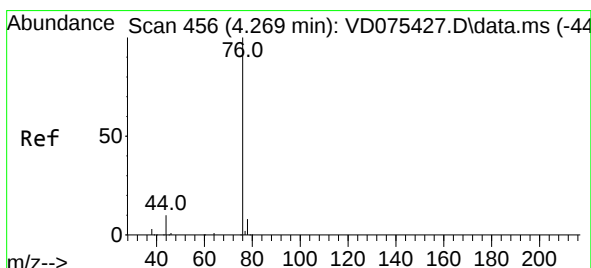
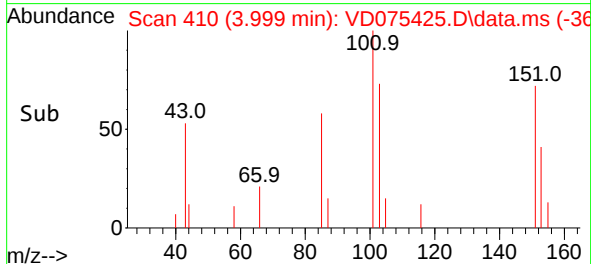
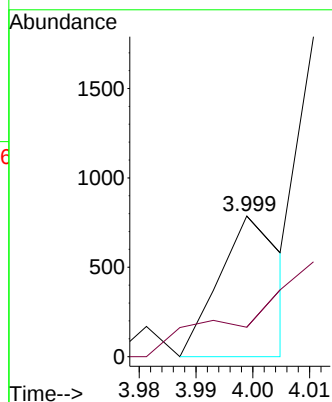
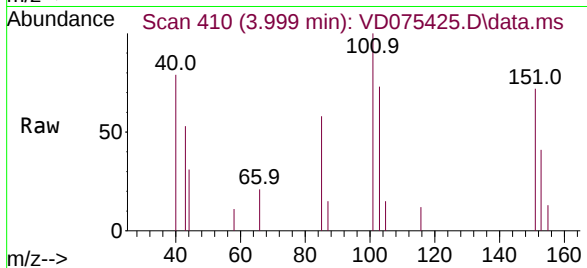
VSTD2.5111

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

58 30.5 0.0 75.4



#14

Carbon disulfide

Concen: 2.704 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD075425.D

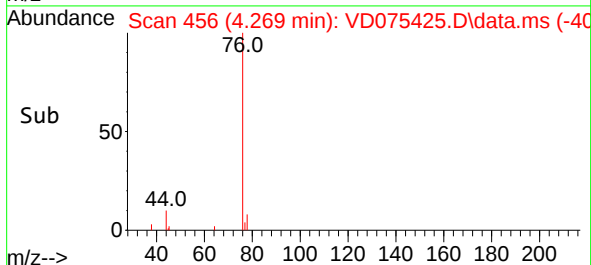
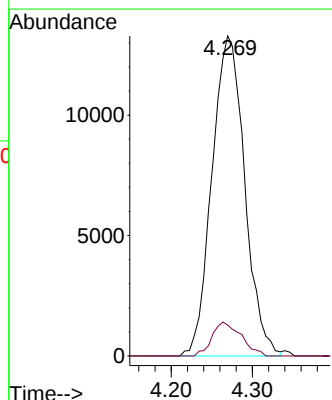
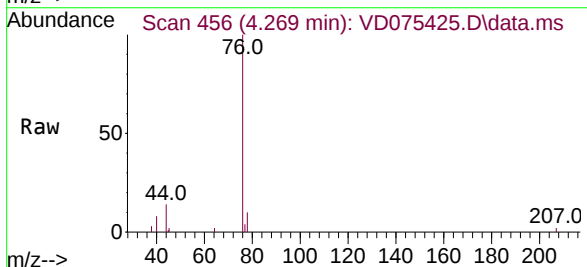
Acq: 01 Mar 2023 13:35

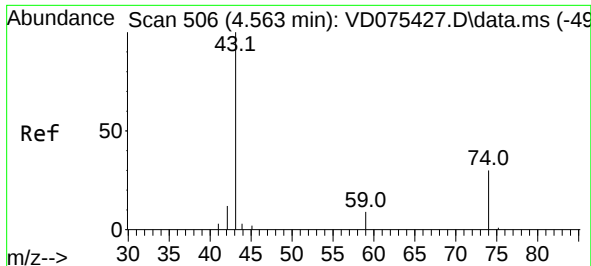
Tgt Ion: 76 Resp: 37221

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2

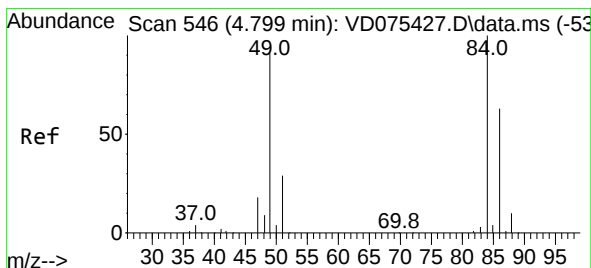
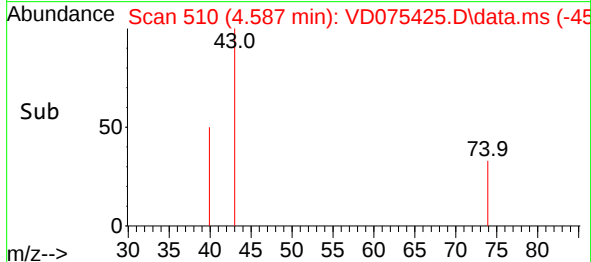
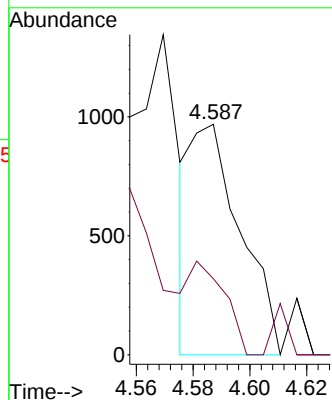
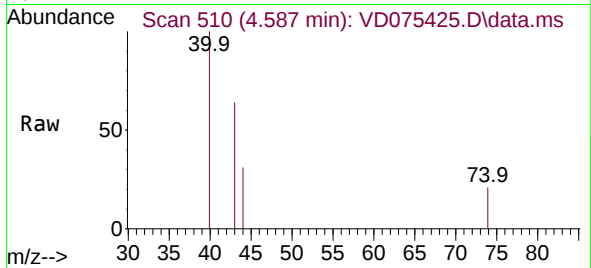




#15
Methyl Acetate
Concen: 0.796 ug/L
RT: 4.587 min Scan# 510
Delta R.T. 0.024 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

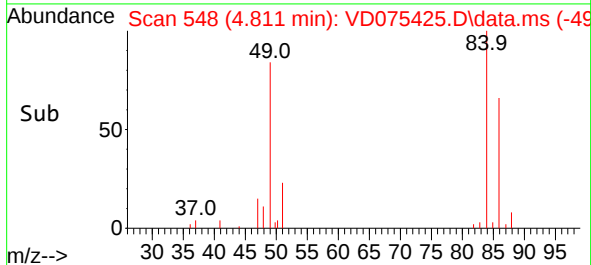
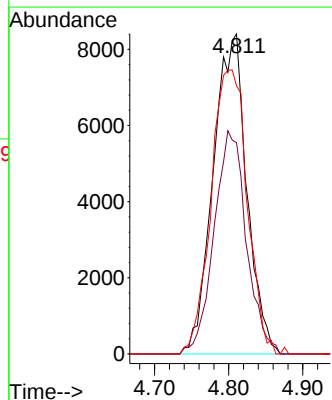
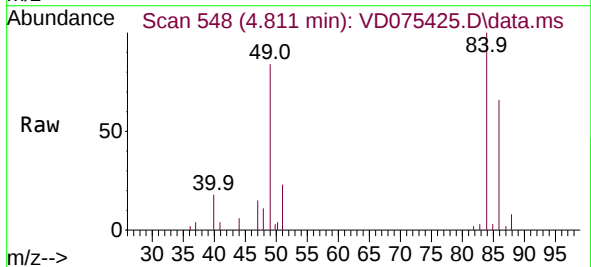
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

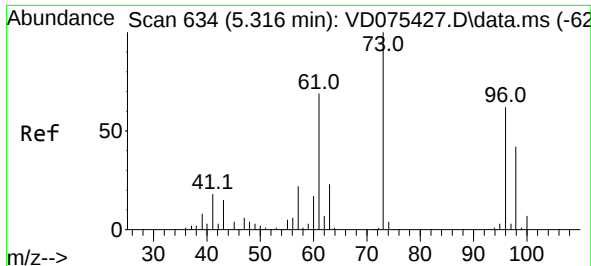
Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
74 28.4 25.7 38.5



#16
Methylene chloride
Concen: 3.774 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 84 Resp: 26496
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.2
49 83.8 63.6 118.2





#17

trans-1,2-Dichloroethene

Concen: 2.452 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

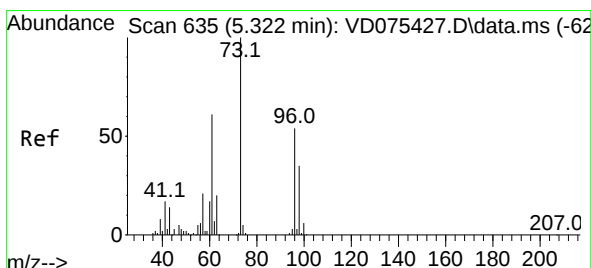
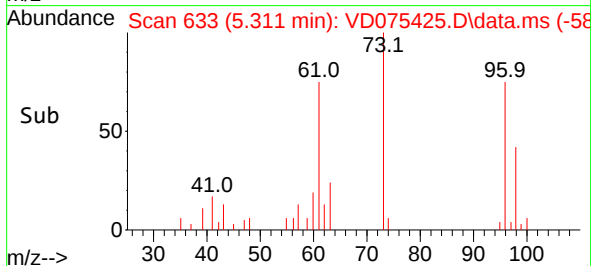
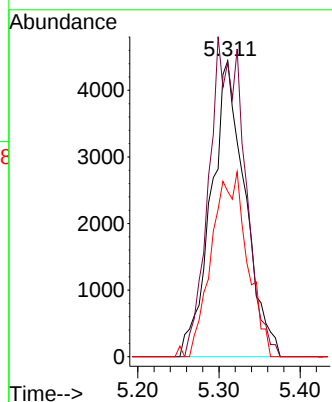
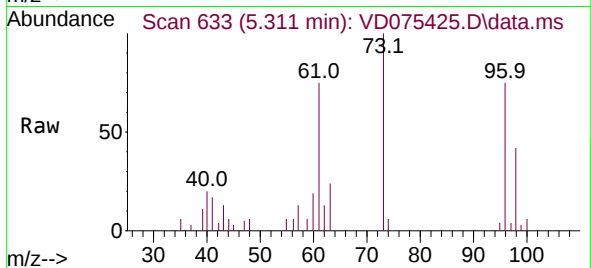
Tgt Ion: 96 Resp: 12938

Ion Ratio Lower Upper

96 100

61 99.4 77.8 144.6

98 55.8 47.0 87.4



#18

Methyl tert-butyl Ether

Concen: 2.178 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

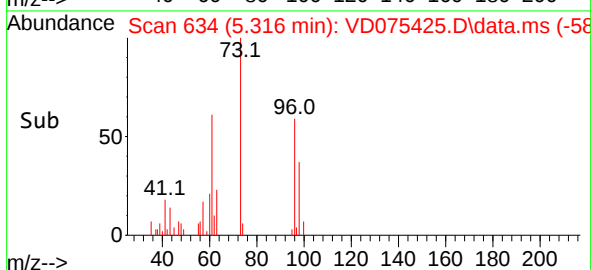
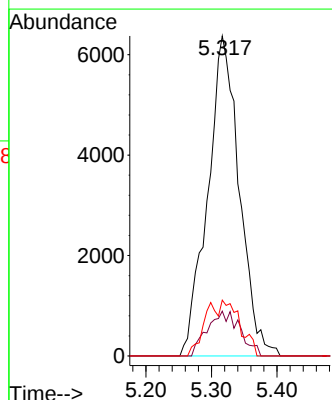
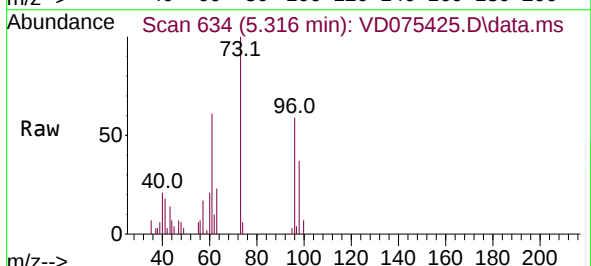
Tgt Ion: 73 Resp: 21359

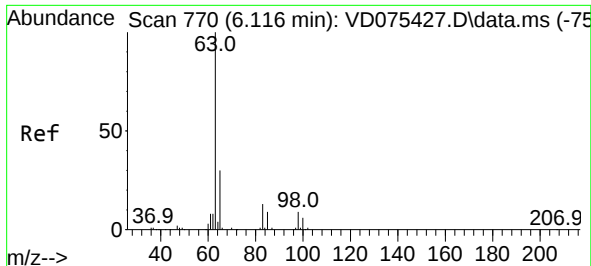
Ion Ratio Lower Upper

73 100

43 8.6 12.1 18.1#

57 9.4 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 2.473 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

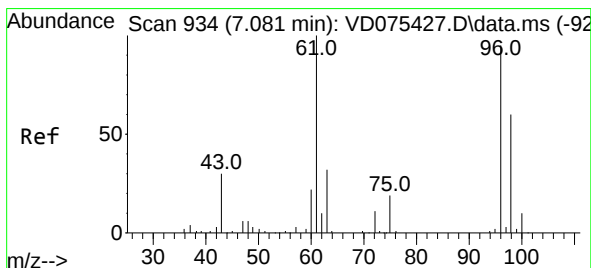
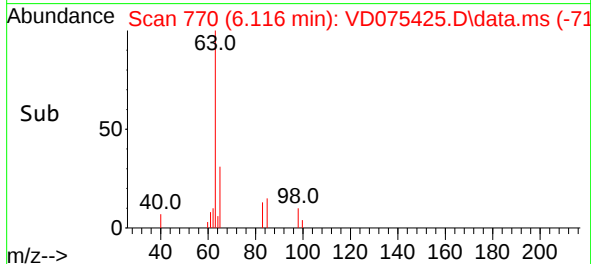
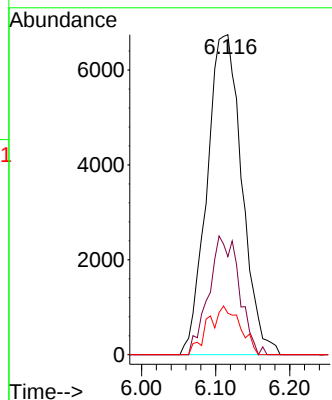
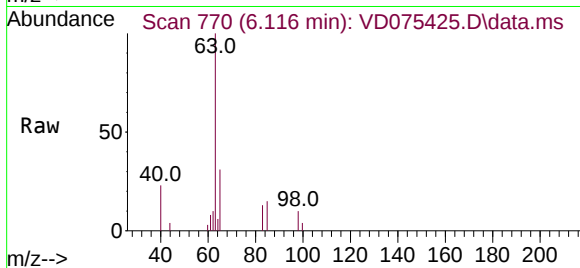
Tgt Ion: 63 Resp: 22074

Ion Ratio Lower Upper

63 100

65 30.7 21.1 39.3

83 13.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 2.378 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

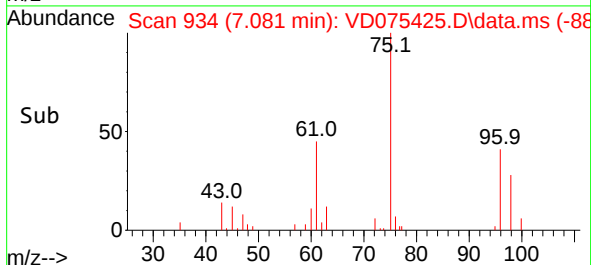
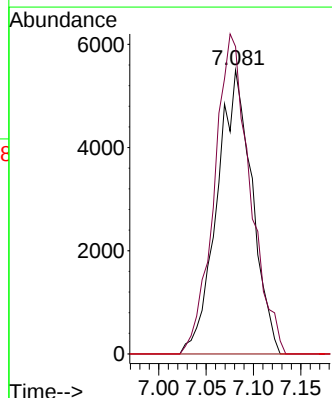
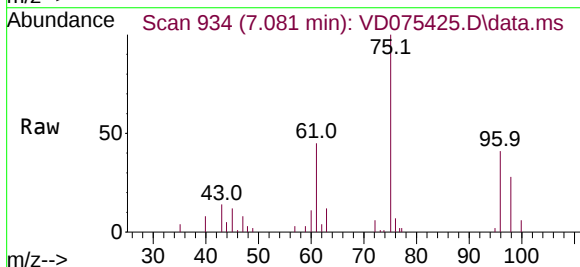
Tgt Ion: 96 Resp: 14174

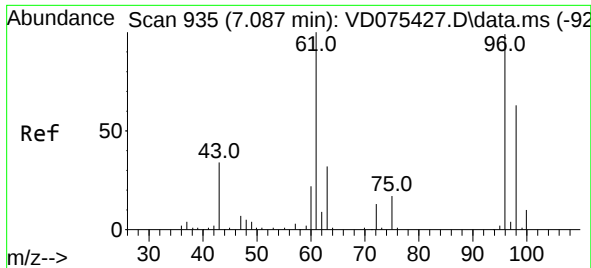
Ion Ratio Lower Upper

96 100

61 108.3 73.9 137.3

68 0.0 0.0 0.0

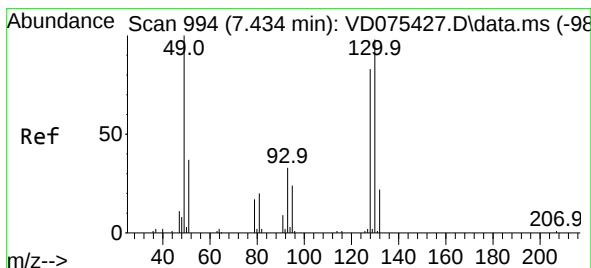
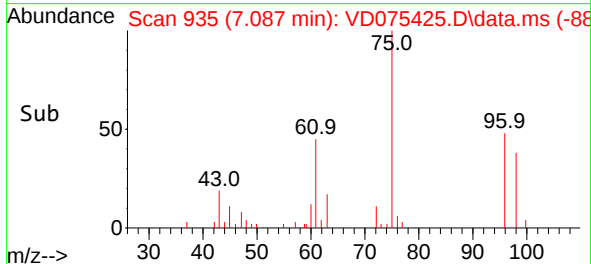
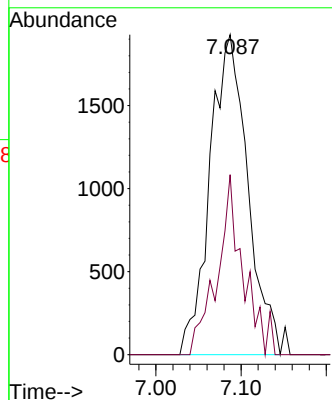
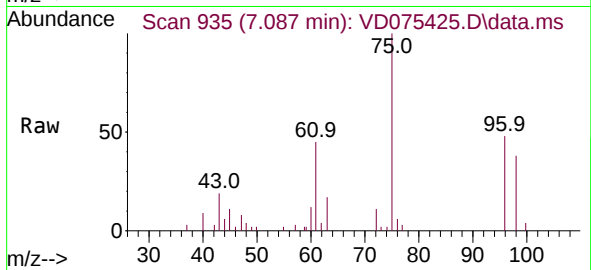




#22
2-Butanone
Concen: 5.408 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

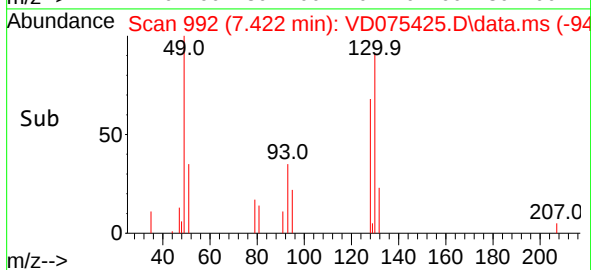
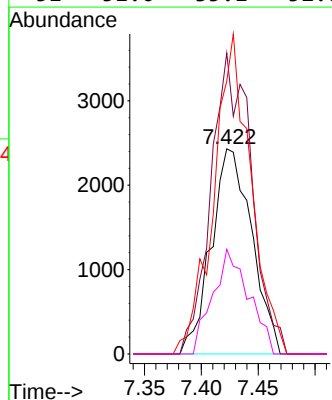
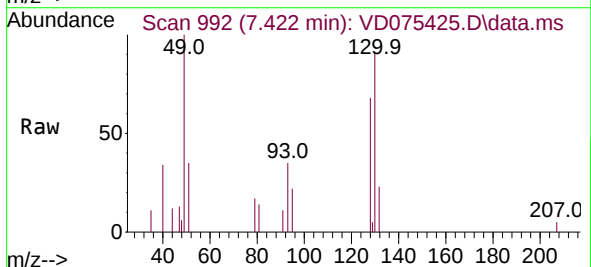
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

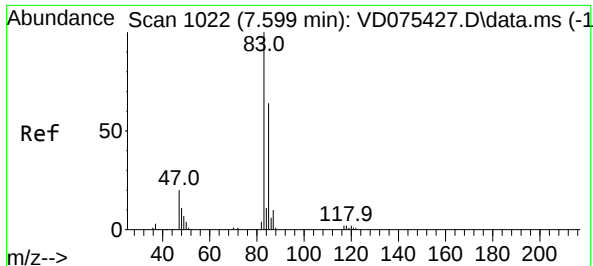
Tgt Ion: 43 Resp: 5927
Ion Ratio Lower Upper
43 100
72 37.4 18.3 54.9



#23
Bromochloromethane
Concen: 2.357 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.012 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 128 Resp: 6021
Ion Ratio Lower Upper
128 100
49 146.7 84.2 156.4
130 133.0 82.5 153.1
51 51.0 35.1 52.7





#25

Chloroform

Concen: 2.605 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

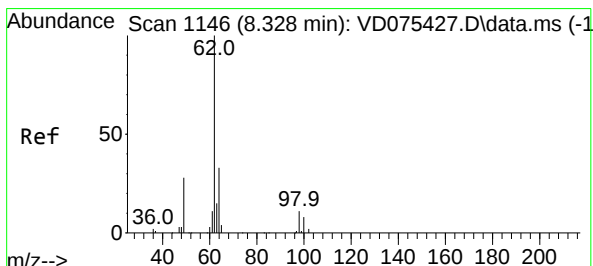
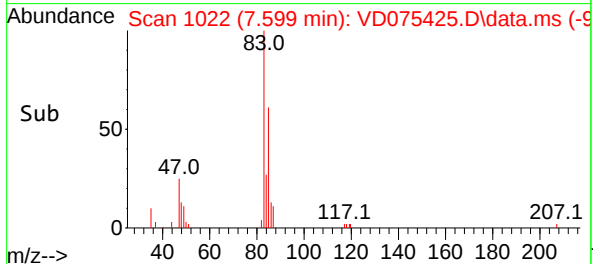
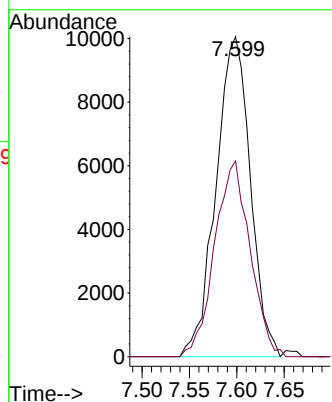
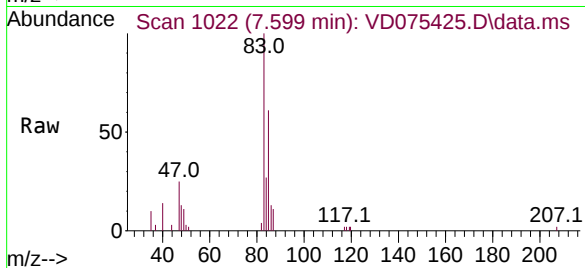
VSTD2.5111

Tgt Ion: 83 Resp: 25359

Ion Ratio Lower Upper

83 100

85 61.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 2.571 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075425.D

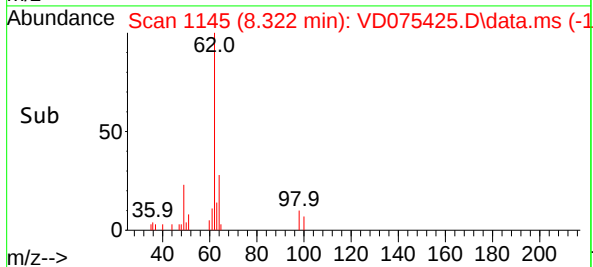
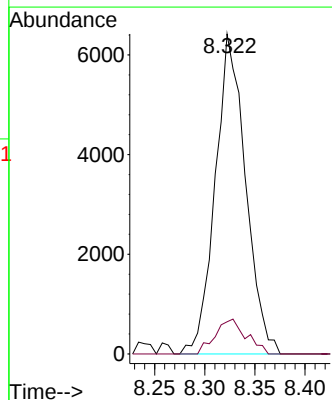
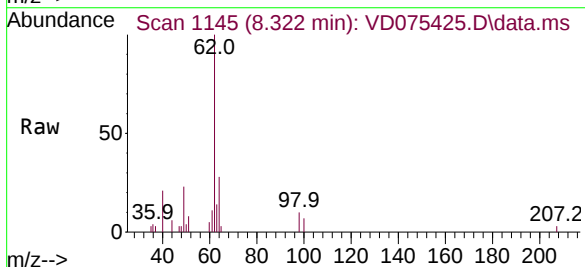
Acq: 01 Mar 2023 13:35

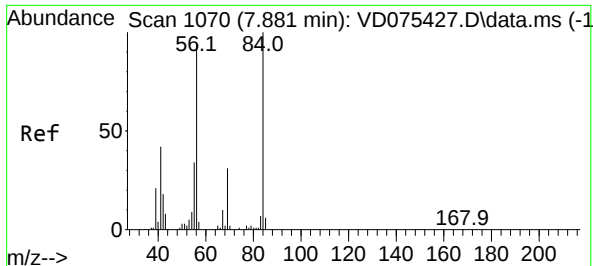
Tgt Ion: 62 Resp: 13496

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2





#29

Cyclohexane

Concen: 2.297 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

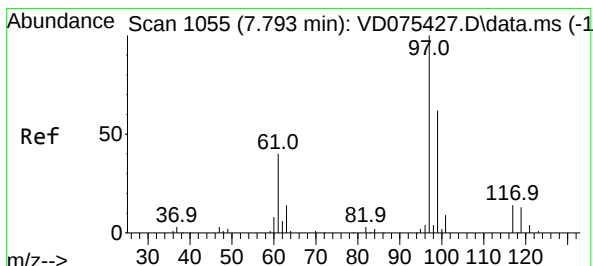
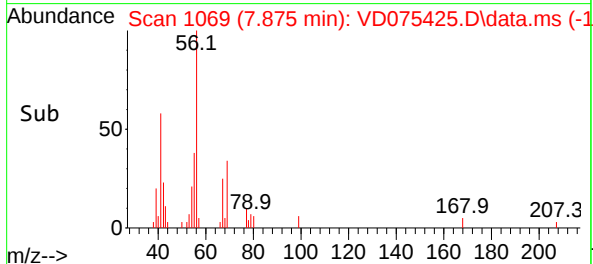
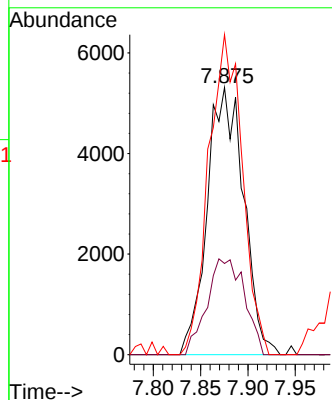
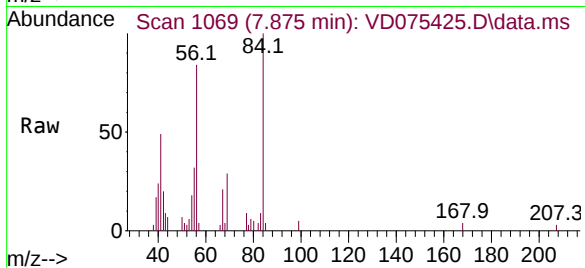
Tgt Ion: 56 Resp: 14219

Ion Ratio Lower Upper

56 100

69 36.9 27.0 40.6

84 110.2 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 2.686 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

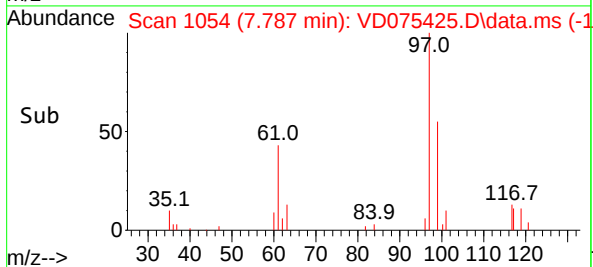
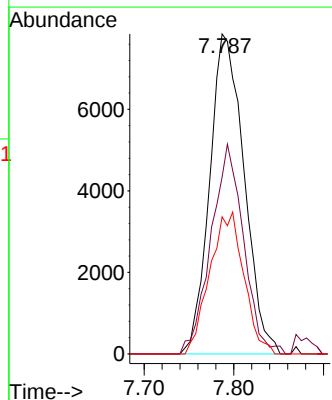
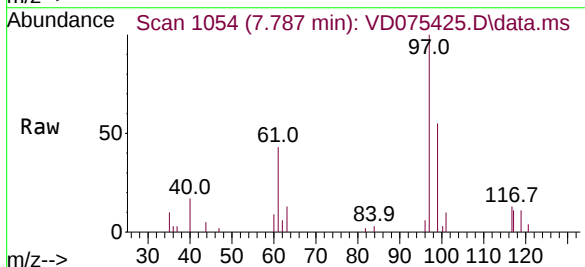
Tgt Ion: 97 Resp: 20898

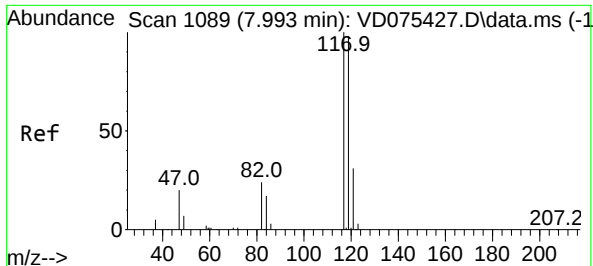
Ion Ratio Lower Upper

97 100

99 61.5 51.0 76.4

61 43.9 34.0 51.0

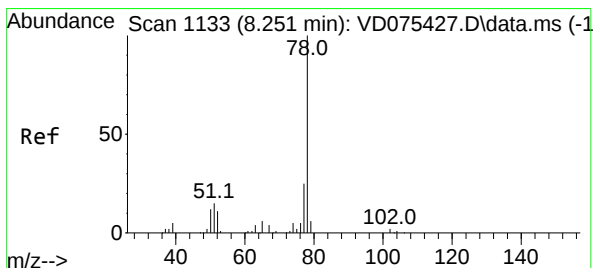
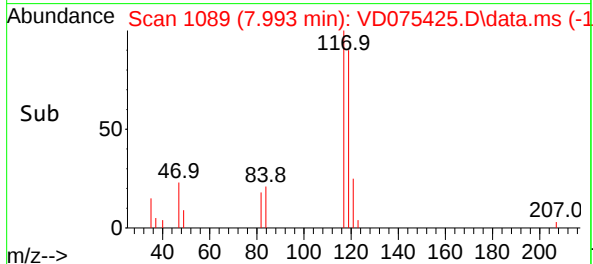
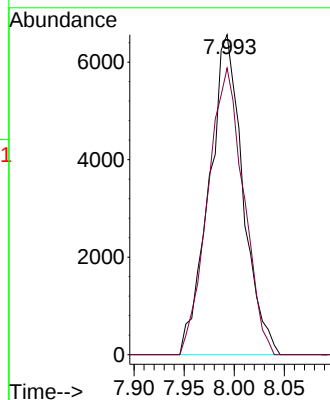
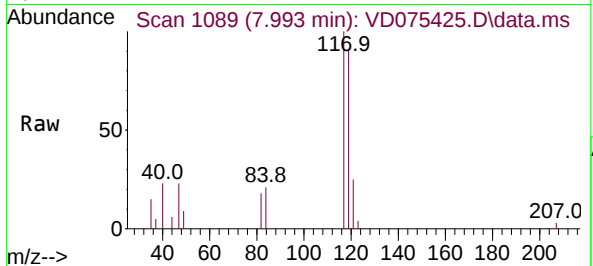




#31
Carbon tetrachloride
Concen: 2.496 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

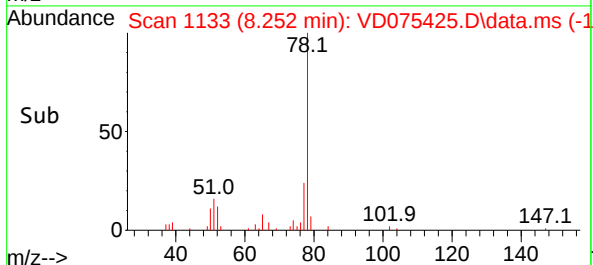
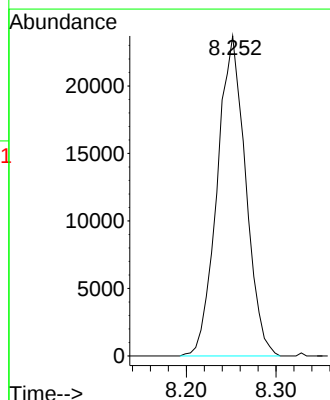
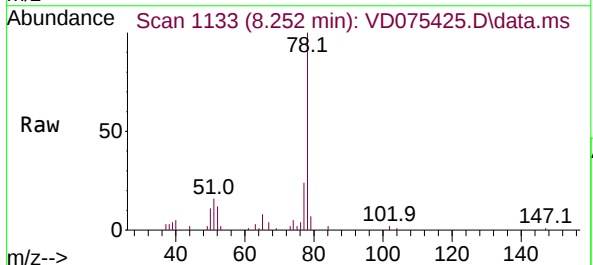
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

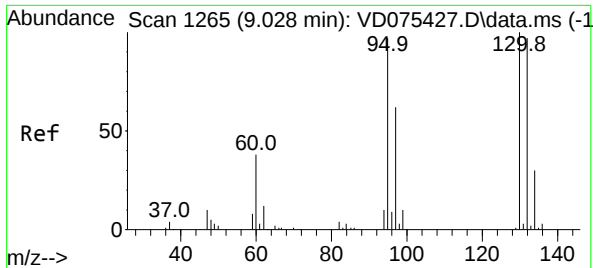
Tgt Ion:117 Resp: 15422
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2



#33
Benzene
Concen: 2.510 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 78 Resp: 52188



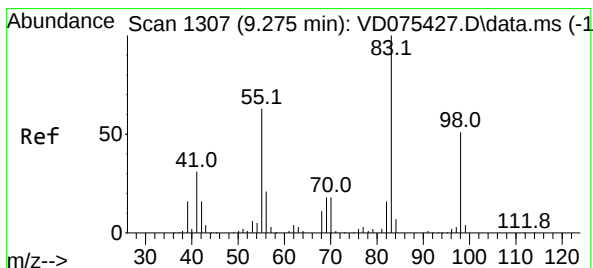
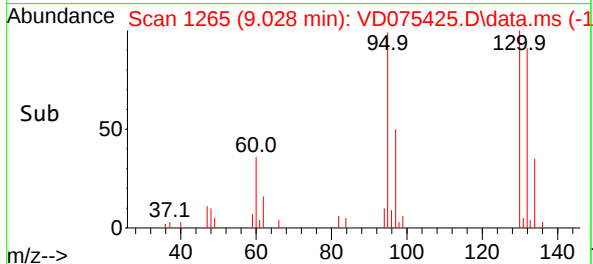
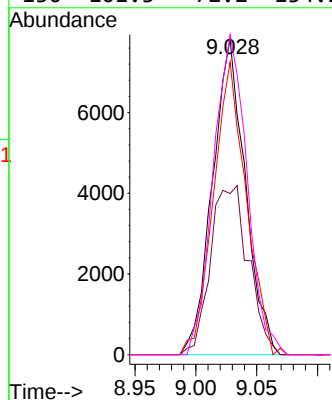
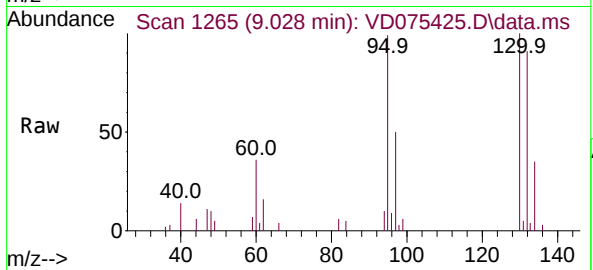


#34
Trichloroethene
Concen: 2.698 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

Tgt Ion: 95 Resp: 14653

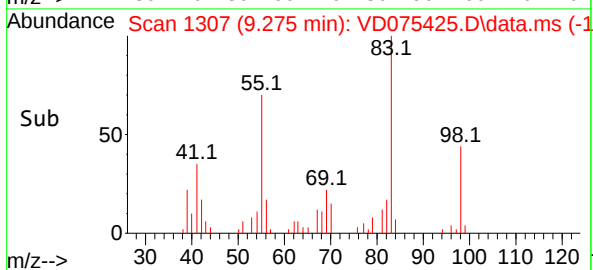
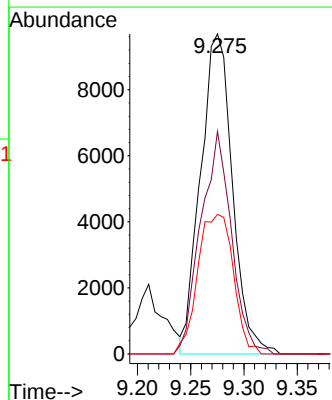
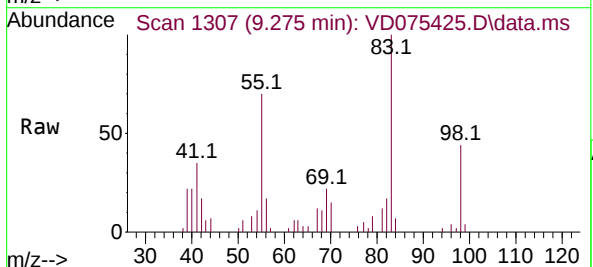
Ion	Ratio	Lower	Upper
95	100		
97	51.0	44.7	83.1
132	97.0	70.0	130.0
130	101.3	72.2	134.2

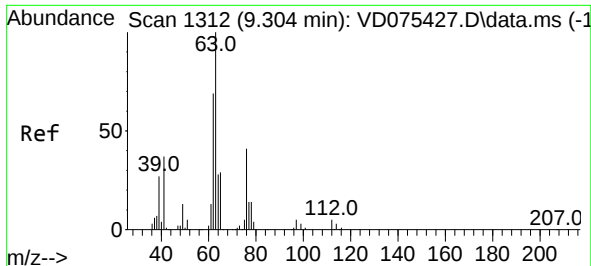


#35
Methylcyclohexane
Concen: 2.381 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 83 Resp: 20174

Ion	Ratio	Lower	Upper
83	100		
55	66.4	49.3	73.9
98	48.6	39.8	59.6





#37

1,2-Dichloropropane

Concen: 2.484 ug/L

RT: 9.310 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

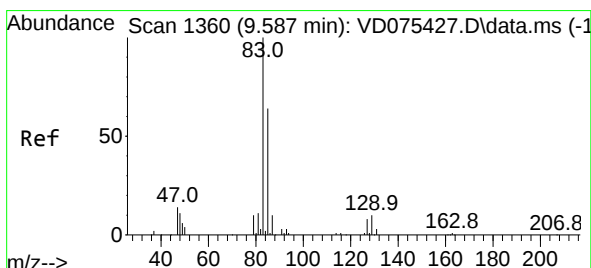
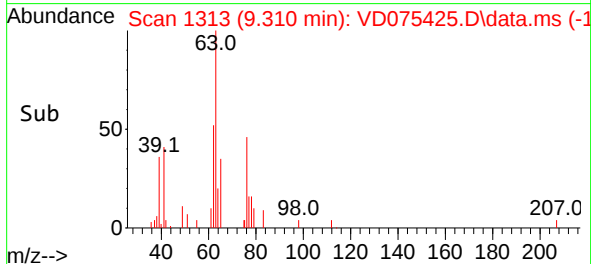
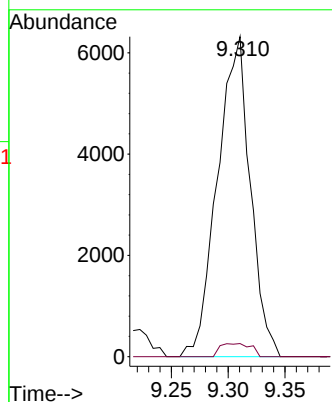
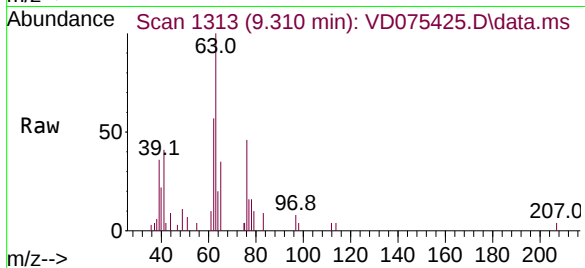
VSTD2.5111

Tgt Ion: 63 Resp: 12692

Ion Ratio Lower Upper

63 100

112 2.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 2.623 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

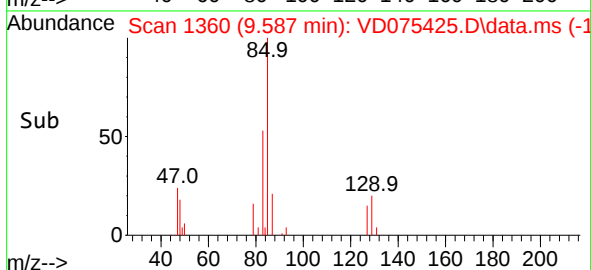
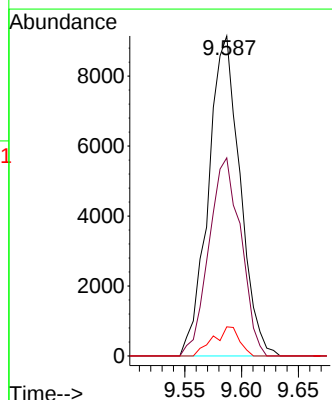
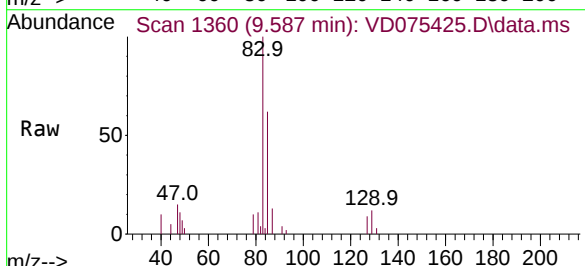
Tgt Ion: 83 Resp: 17731

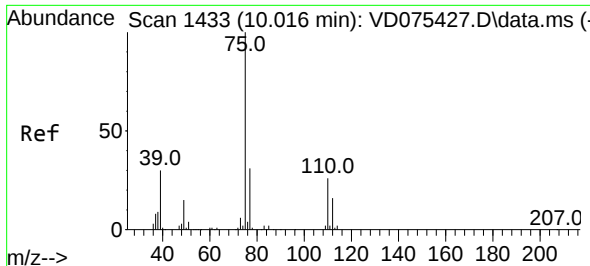
Ion Ratio Lower Upper

83 100

85 61.9 44.6 82.8

127 9.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 2.303 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

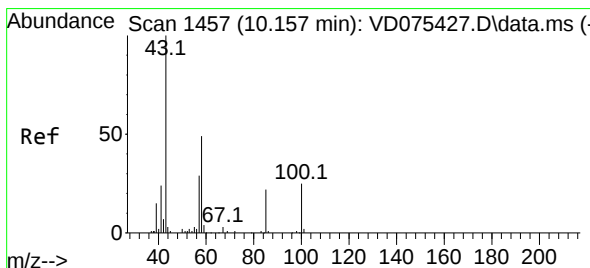
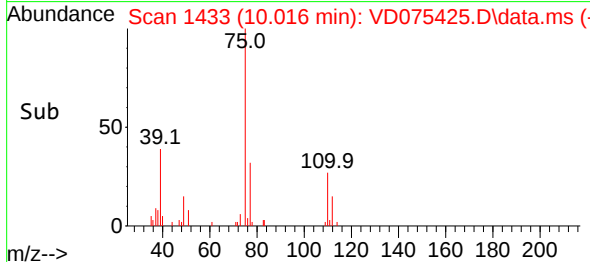
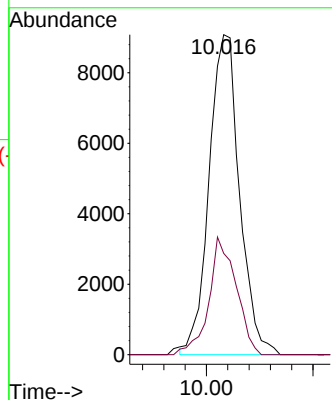
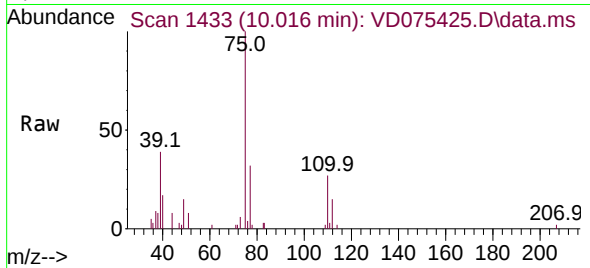
VSTD2.5111

Tgt Ion: 75 Resp: 18013

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 4.342 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

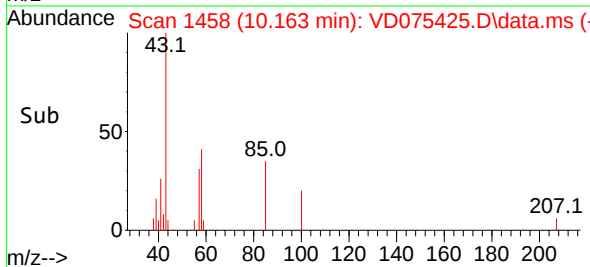
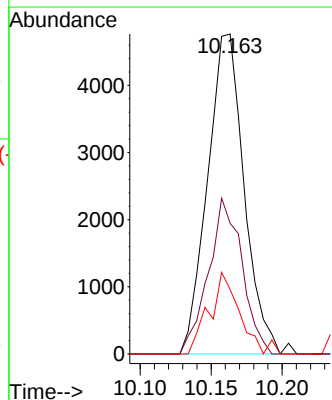
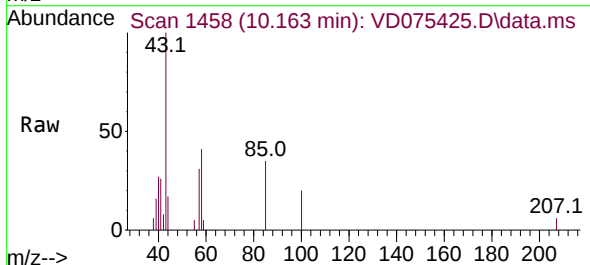
Tgt Ion: 43 Resp: 8508

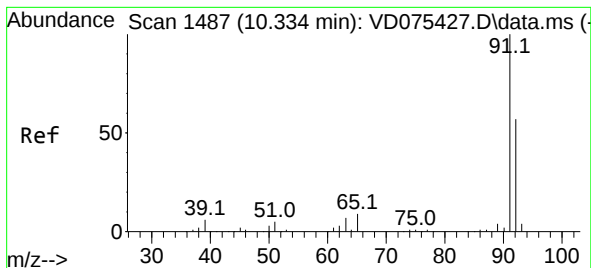
Ion Ratio Lower Upper

43 100

58 44.8 39.0 58.6

100 20.5 18.7 28.1





#42

Toluene

Concen: 2.359 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

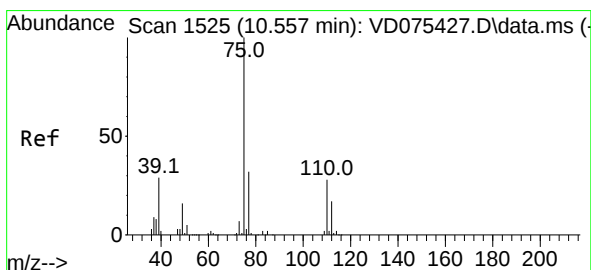
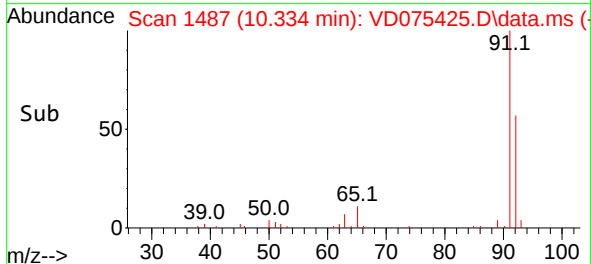
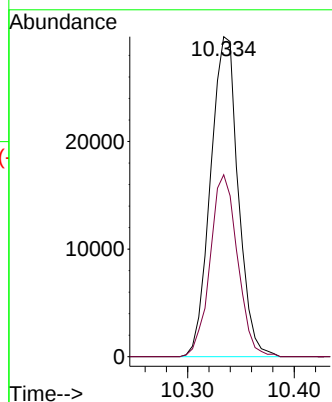
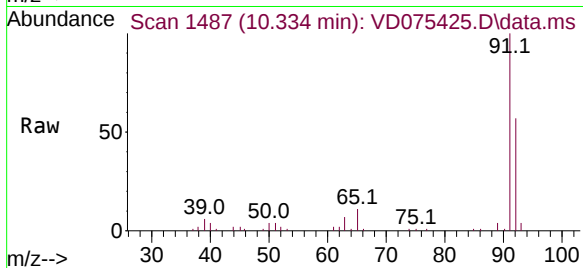
VSTD2.5111

Tgt Ion: 91 Resp: 53735

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 2.307 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD075425.D

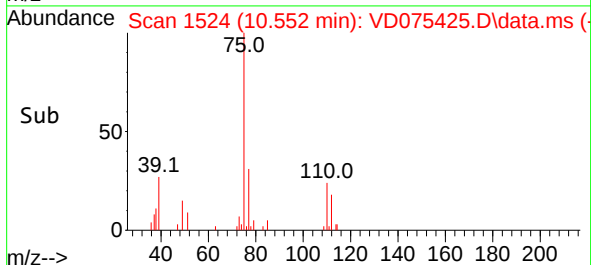
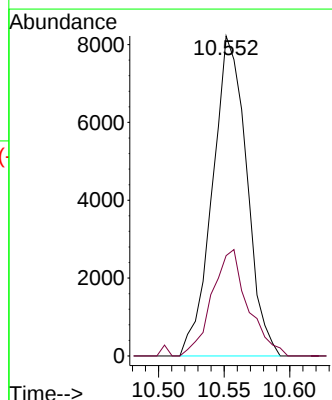
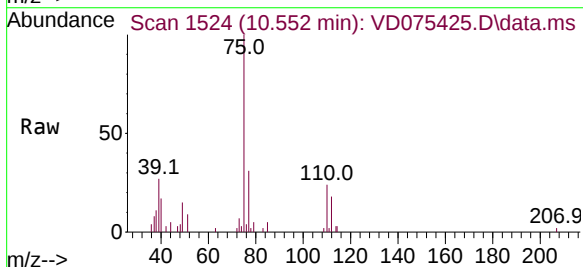
Acq: 01 Mar 2023 13:35

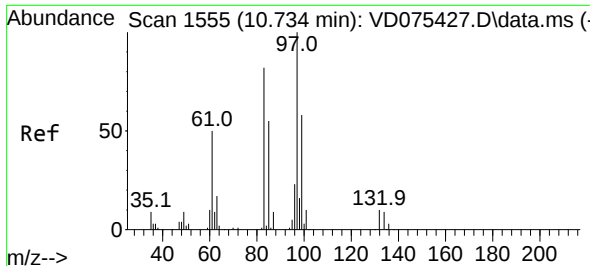
Tgt Ion: 75 Resp: 14864

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6

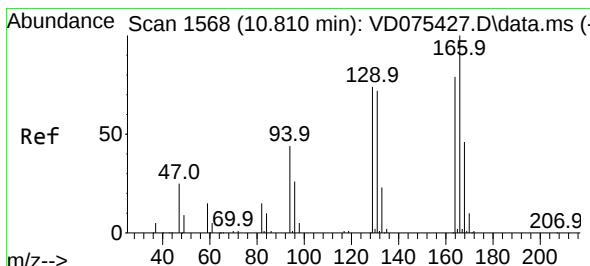
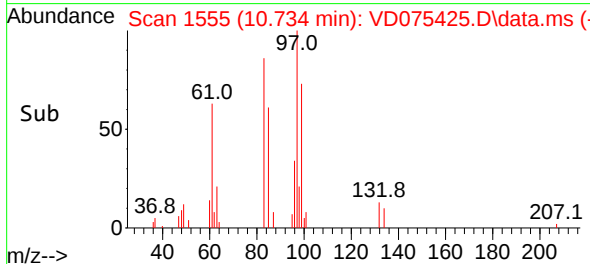
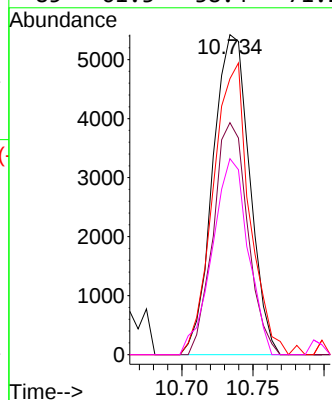
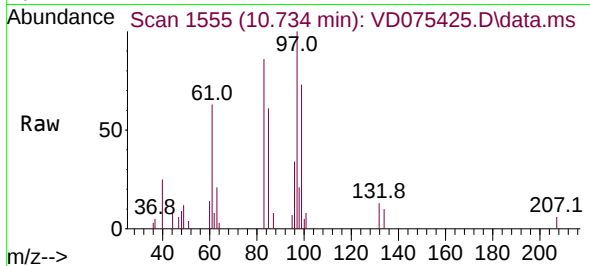




#45
1,1,2-Trichloroethane
Concen: 2.397 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

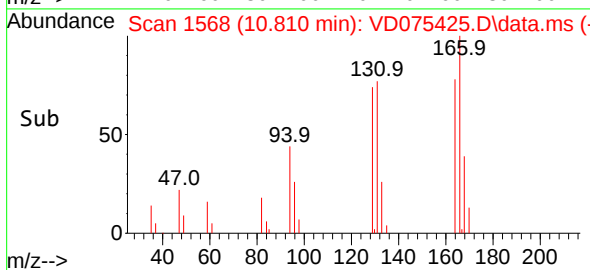
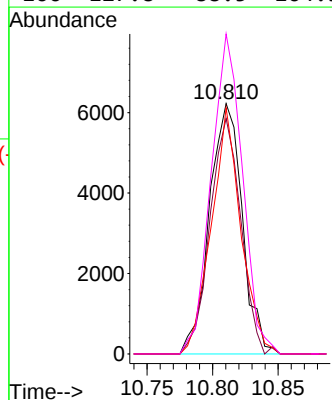
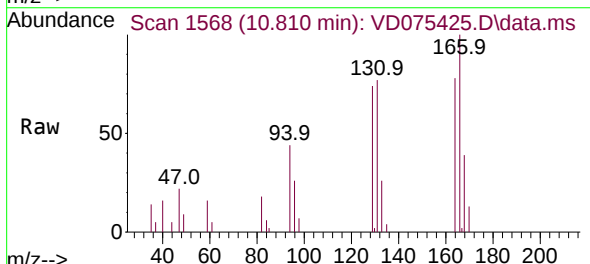
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

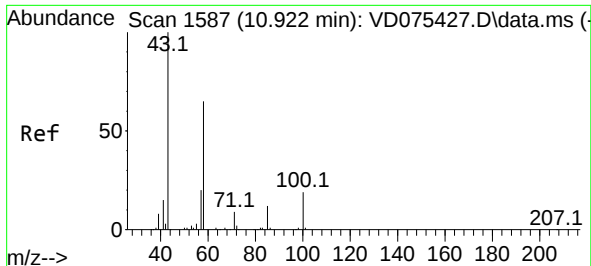
Tgt Ion:	97	Resp:	9781
Ion	Ratio	Lower	Upper
97	100		
99	72.5	40.9	76.0
83	86.3	57.7	107.1
85	61.3	38.4	71.2



#46
Tetrachloroethene
Concen: 2.596 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:	164	Resp:	10804
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.4	121.4
131	98.2	64.1	119.1
166	127.8	88.5	164.3

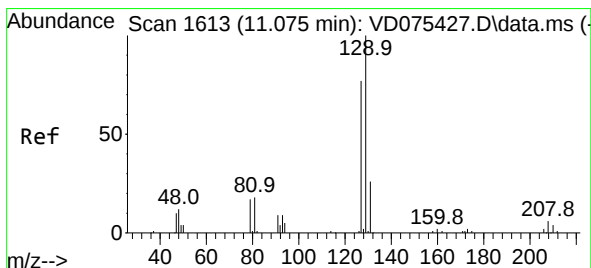
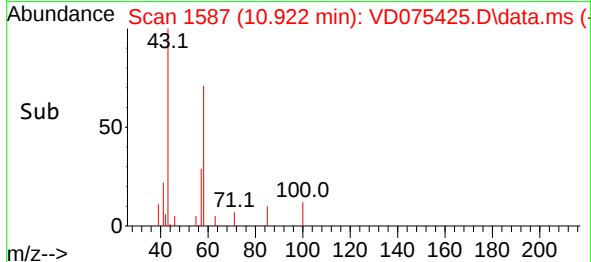
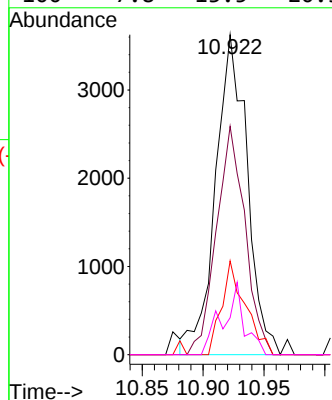
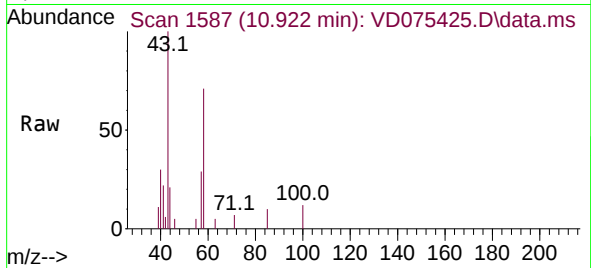




#48
2-Hexanone
Concen: 4.533 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

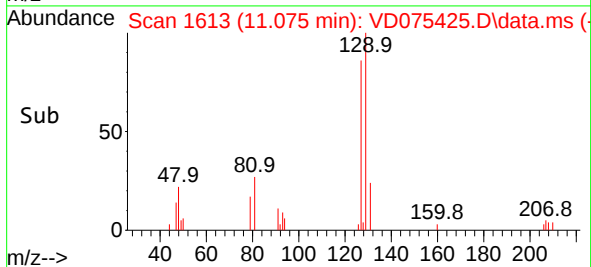
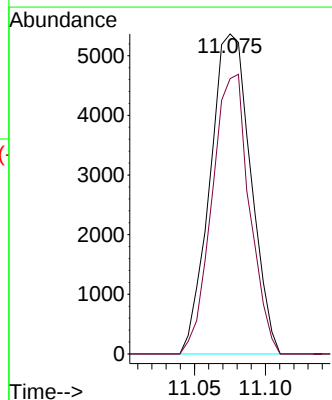
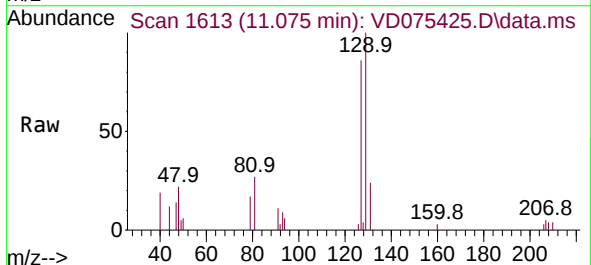
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

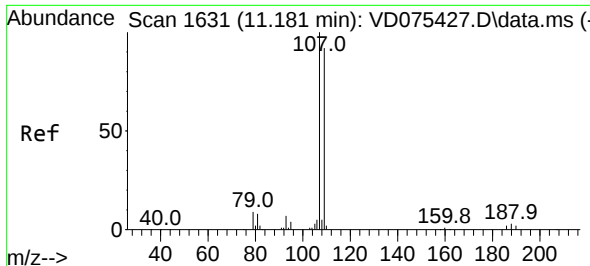
Tgt Ion:	43	Resp:	6536
Ion	Ratio	Lower	Upper
43	100		
58	64.8	53.1	79.7
57	22.1	16.7	25.1
100	7.8	13.5	20.3



#49
Dibromochloromethane
Concen: 2.404 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:	129	Resp:	10717
Ion	Ratio	Lower	Upper
129	100		
127	86.1	53.7	99.7

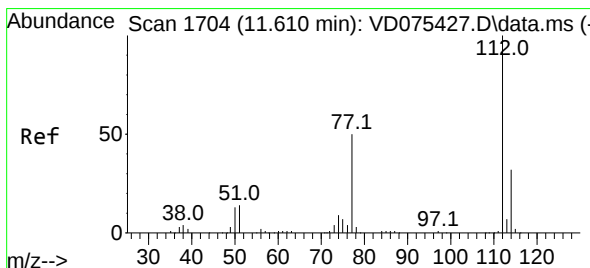
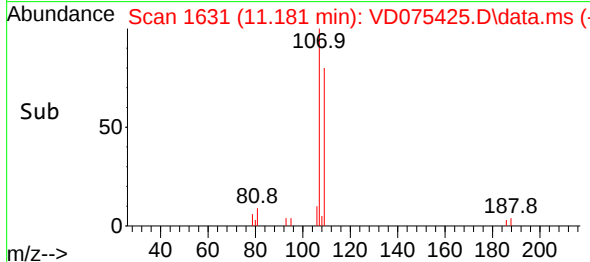
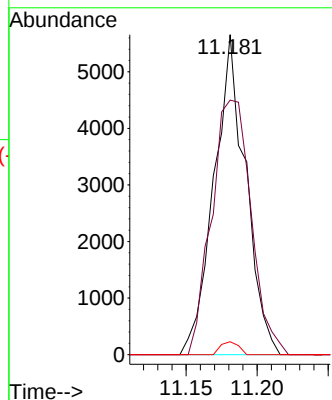
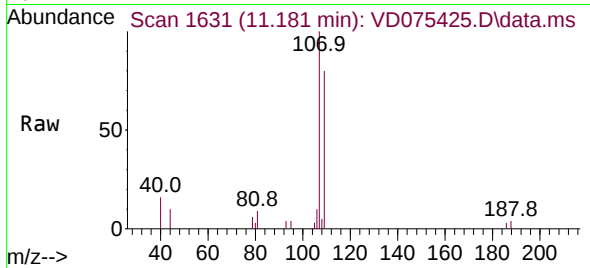




#50
1,2-Dibromoethane
Concen: 2.375 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

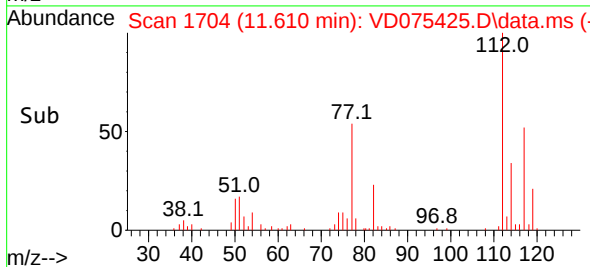
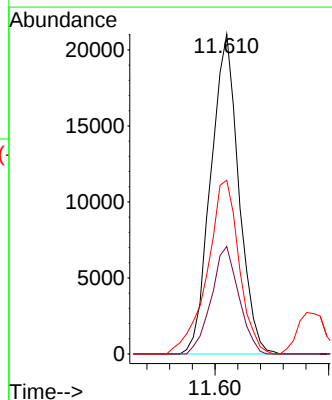
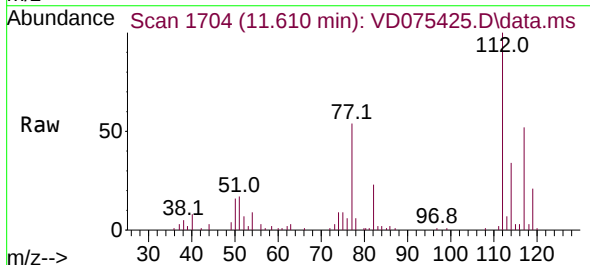
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

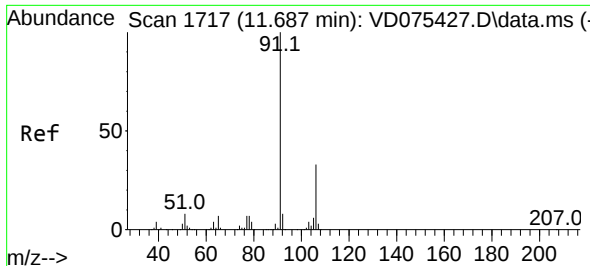
Tgt Ion:107 Resp: 8763
Ion Ratio Lower Upper
107 100
109 79.6 64.2 119.2
188 4.0 2.3 3.5#



#51
Chlorobenzene
Concen: 2.428 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:112 Resp: 35923
Ion Ratio Lower Upper
112 100
114 33.6 22.3 41.3
77 54.3 40.2 60.2

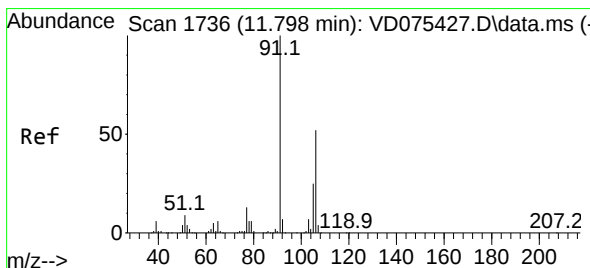
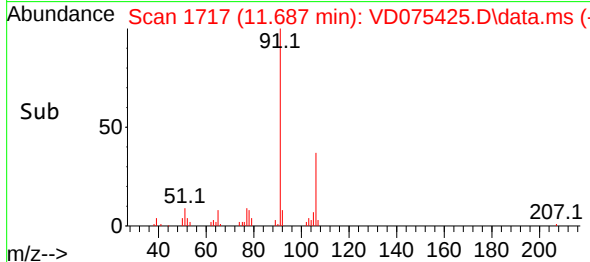
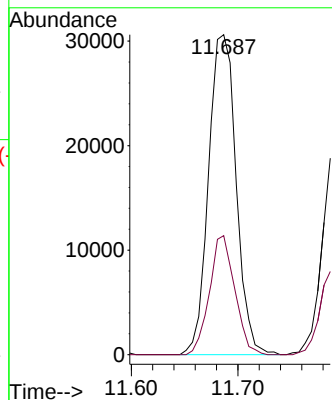
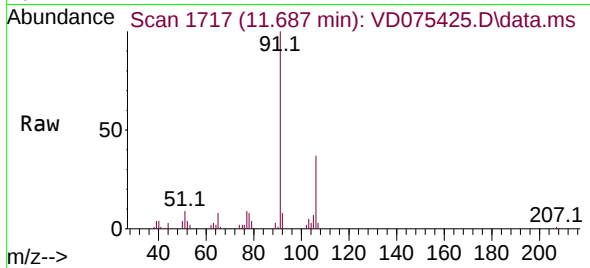




#52
Ethylbenzene
Concen: 2.275 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

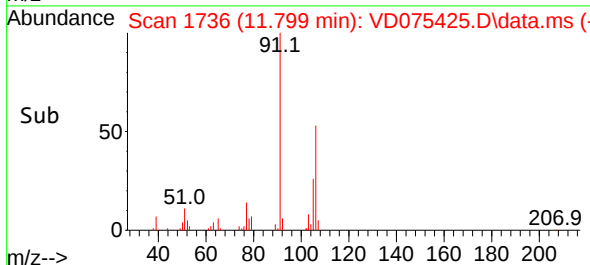
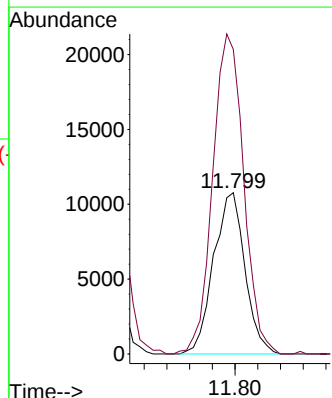
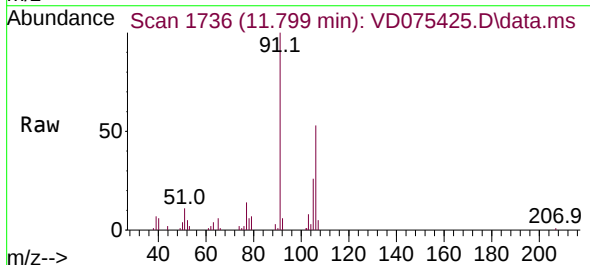
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

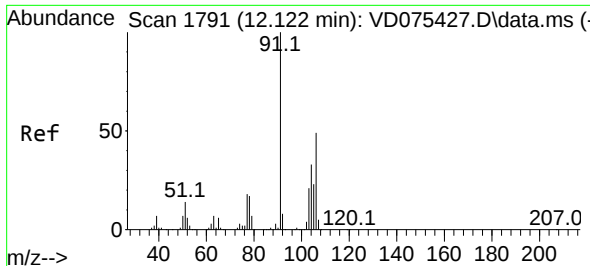
Tgt Ion: 91 Resp: 55076
Ion Ratio Lower Upper
91 100
106 37.2 23.1 42.9



#53
m,p-Xylene
Concen: 2.162 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 106 Resp: 20625
Ion Ratio Lower Upper
106 100
91 188.8 134.1 249.1

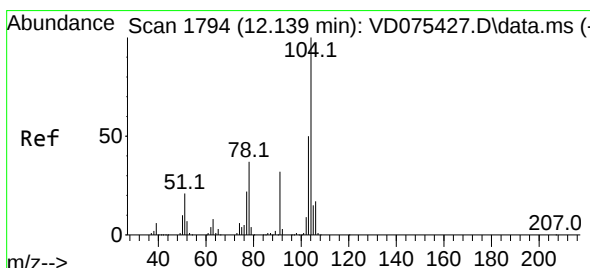
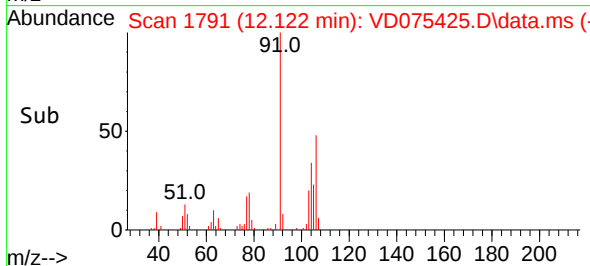
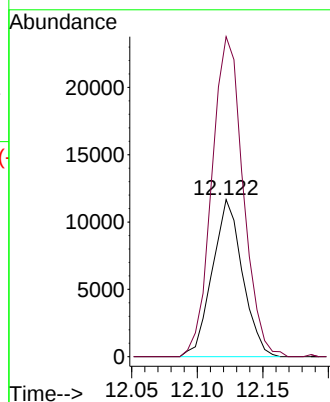
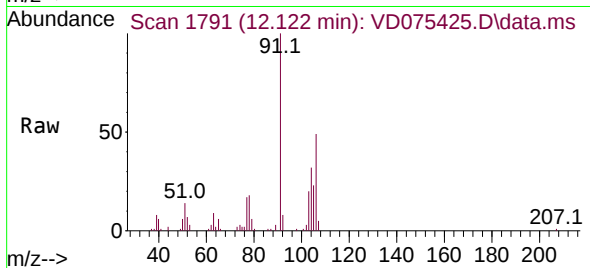




#54
o-Xylene
Concen: 2.073 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

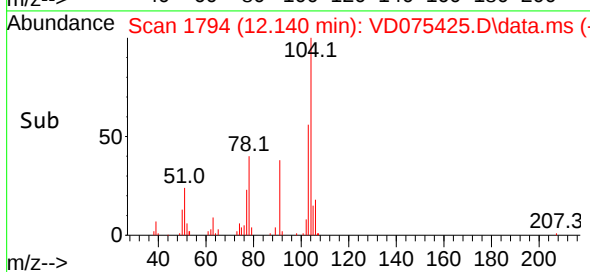
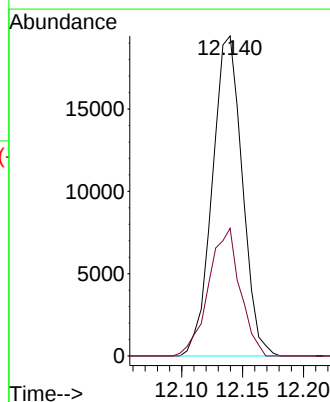
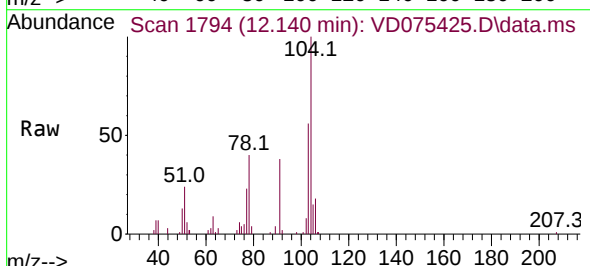
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

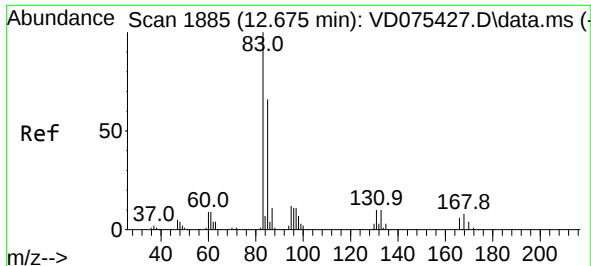
Tgt Ion:106 Resp: 18702
Ion Ratio Lower Upper
106 100
91 203.7 142.3 264.3



#55
Styrene
Concen: 2.073 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:104 Resp: 33214
Ion Ratio Lower Upper
104 100
78 39.9 26.0 48.2

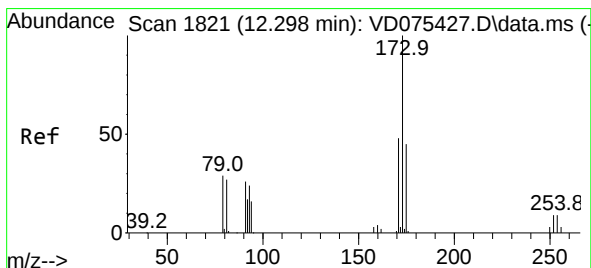
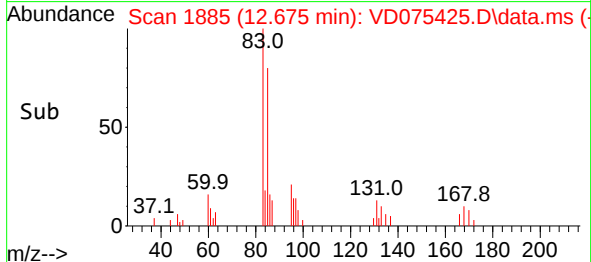
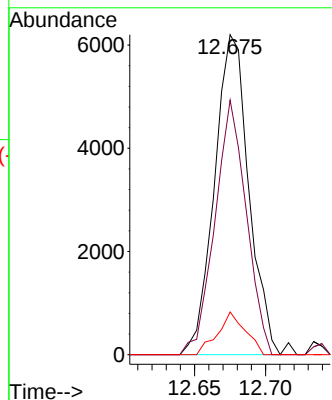
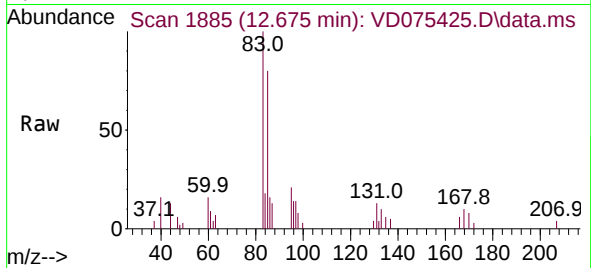




#57
1,1,2,2-Tetrachloroethane
Concen: 2.334 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

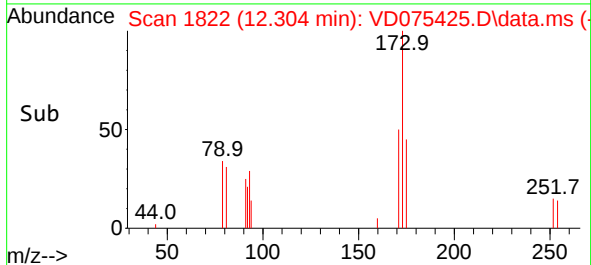
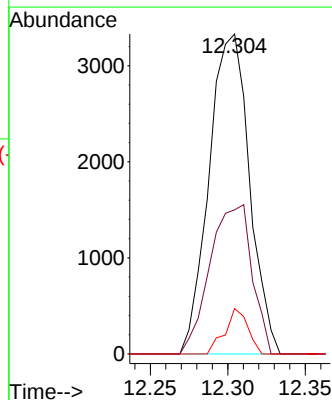
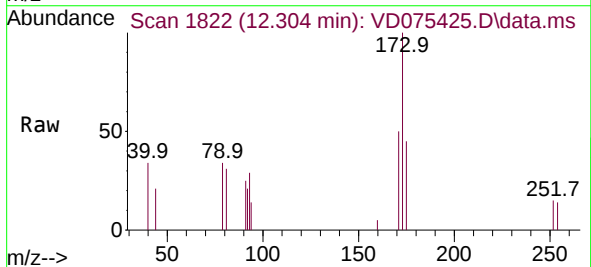
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

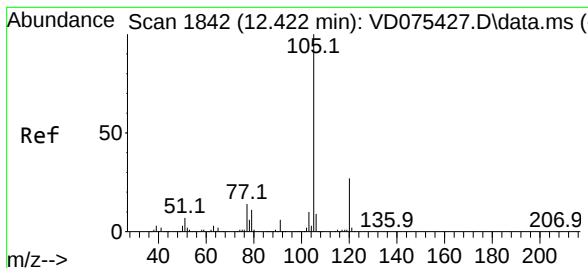
Tgt Ion: 83 Resp: 10424
Ion Ratio Lower Upper
83 100
85 79.6 46.3 85.9
131 13.4 8.1 12.1#



#59
Bromoform
Concen: 2.564 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion: 173 Resp: 6036
Ion Ratio Lower Upper
173 100
175 48.5 39.3 58.9
254 8.1 7.3 10.9





#60

Isopropylbenzene

Concen: 2.386 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

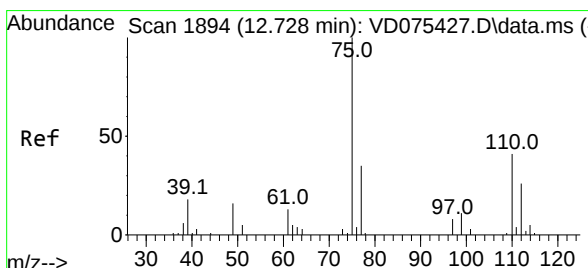
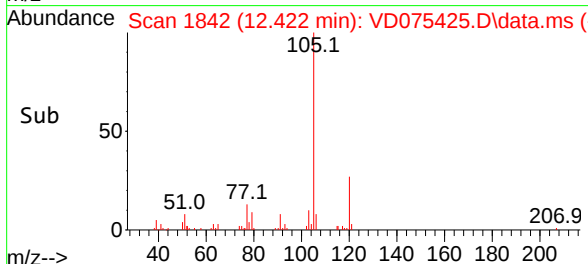
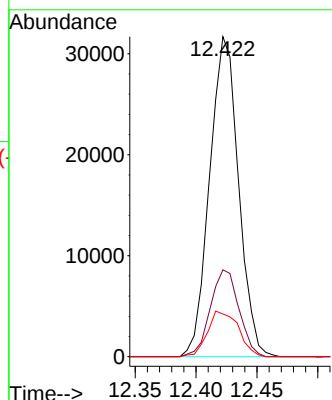
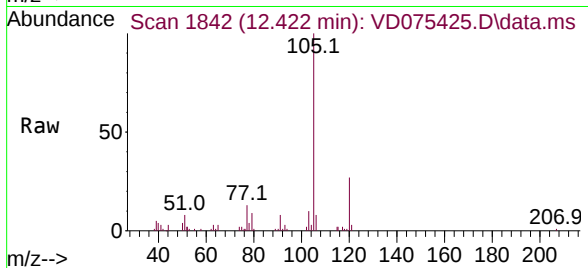
Tgt Ion:105 Resp: 52353

Ion Ratio Lower Upper

105 100

120 26.8 21.8 32.6

77 15.2 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 2.809 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

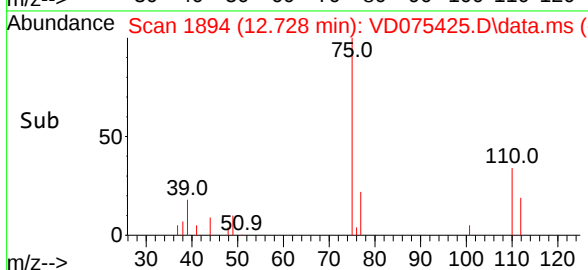
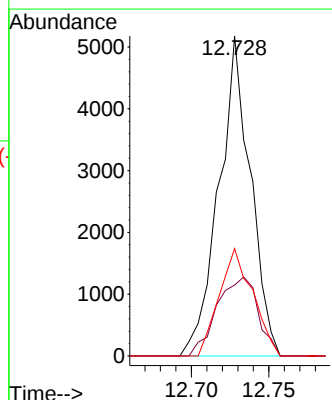
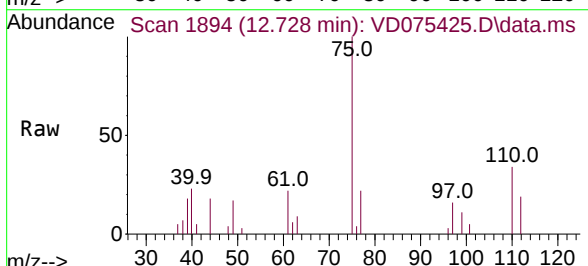
Tgt Ion: 75 Resp: 7347

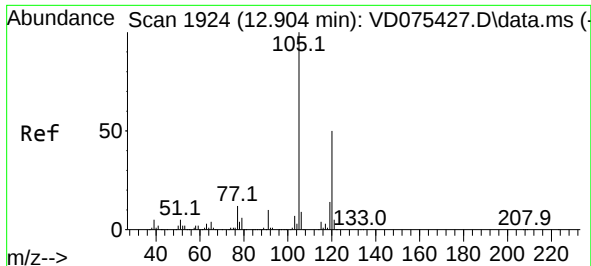
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.4

110 35.6 33.2 49.8

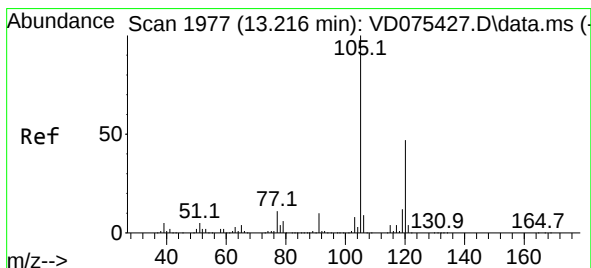
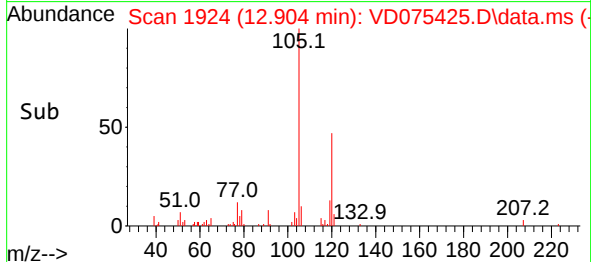
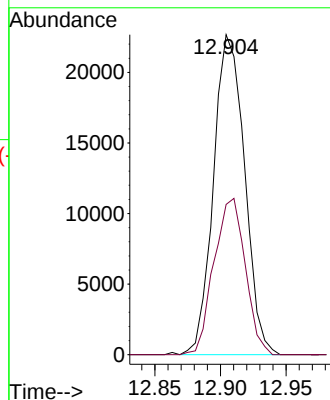
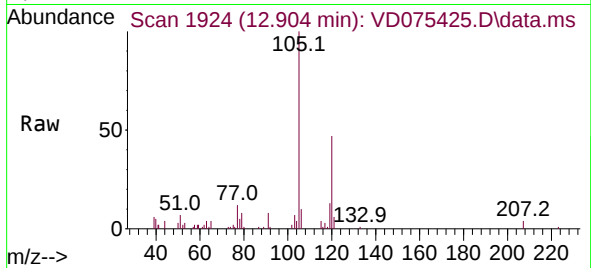




#62
 1,3,5-Trimethylbenzene
 Concen: 2.267 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075425.D
 Acq: 01 Mar 2023 13:35

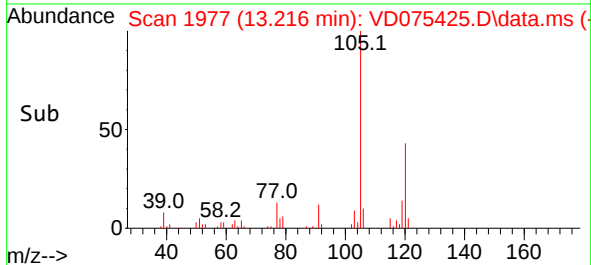
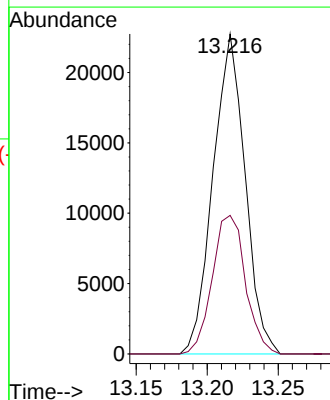
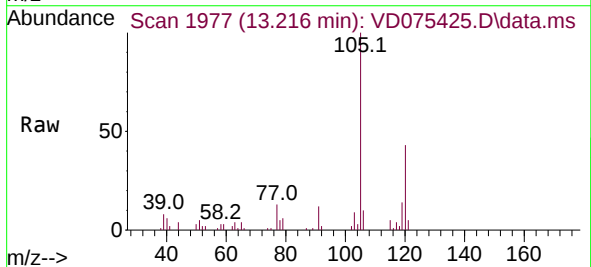
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5111

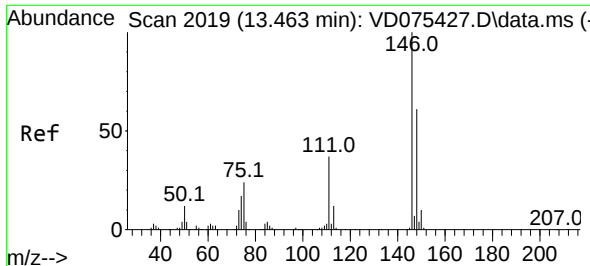
Tgt Ion:105 Resp: 37351
 Ion Ratio Lower Upper
 105 100
 120 49.2 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 2.214 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075425.D
 Acq: 01 Mar 2023 13:35

Tgt Ion:105 Resp: 35655
 Ion Ratio Lower Upper
 105 100
 120 44.8 38.2 57.2

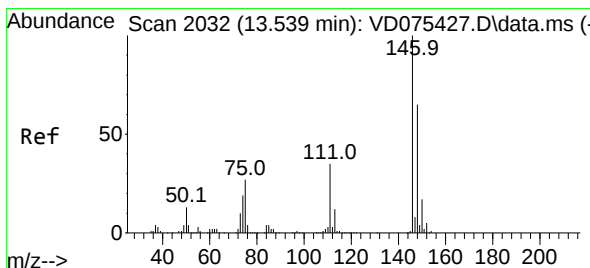
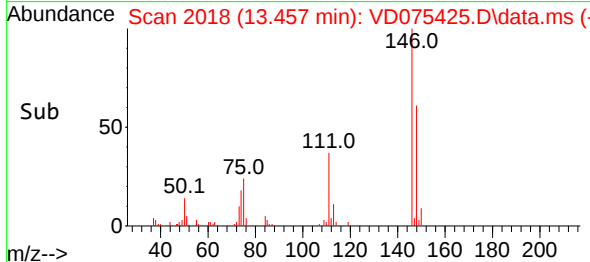
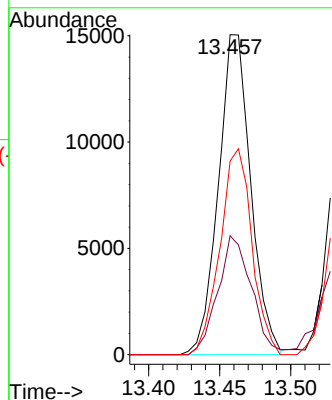
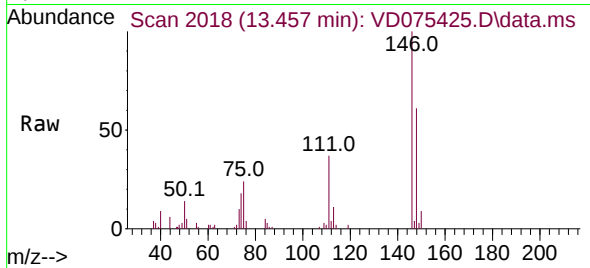




#64
1,3-Dichlorobenzene
Concen: 2.463 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

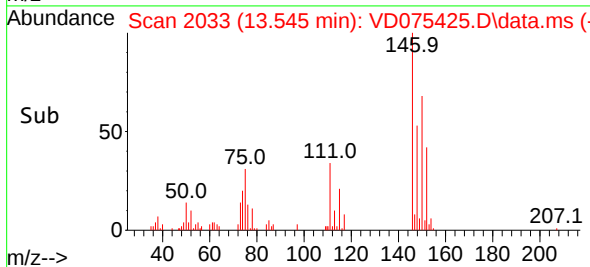
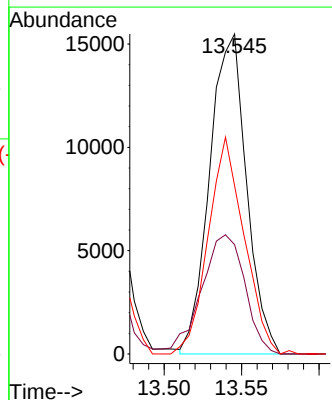
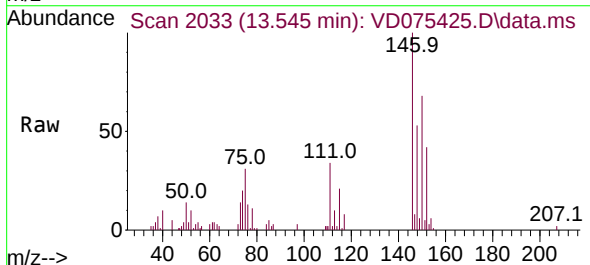
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

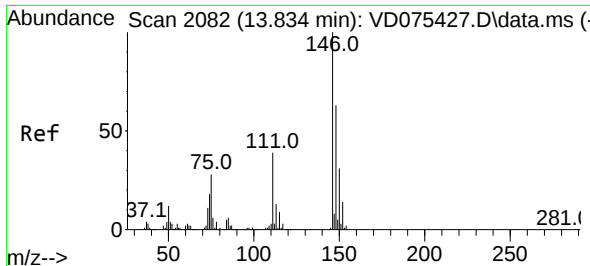
Tgt Ion:146 Resp: 23905
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.2
148 60.5 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 2.567 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:146 Resp: 25629
Ion Ratio Lower Upper
146 100
111 34.2 24.8 46.1
148 52.5 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 2.481 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

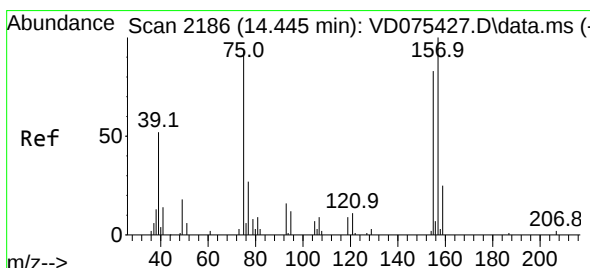
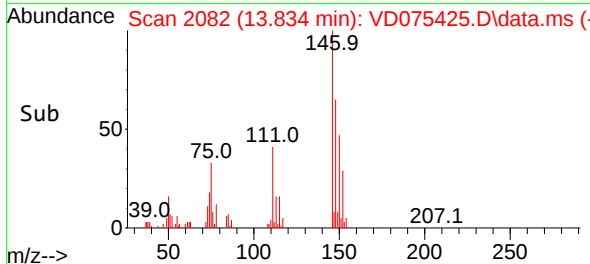
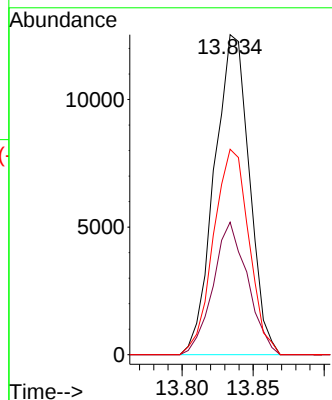
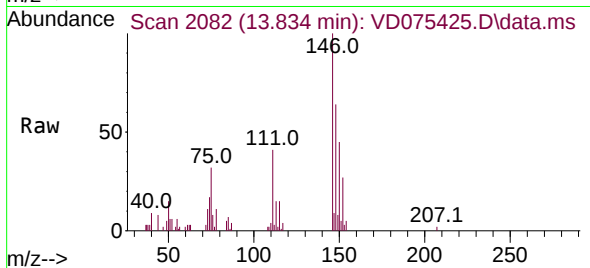
Tgt Ion:146 Resp: 21463

Ion Ratio Lower Upper

146 100

111 41.4 31.0 46.6

148 64.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.575 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

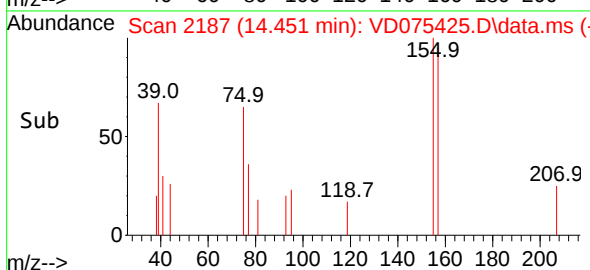
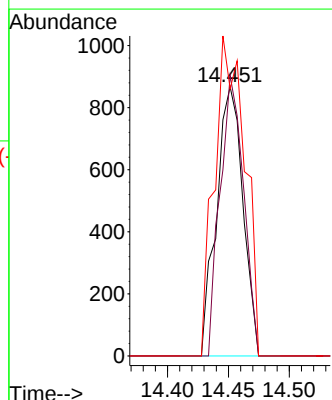
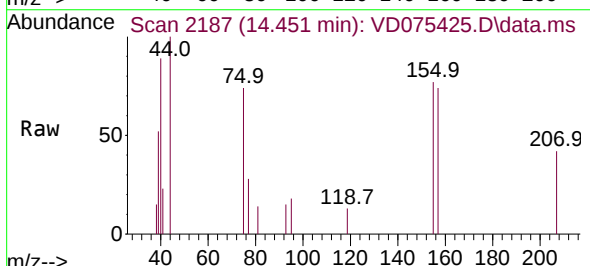
Tgt Ion: 75 Resp: 1308

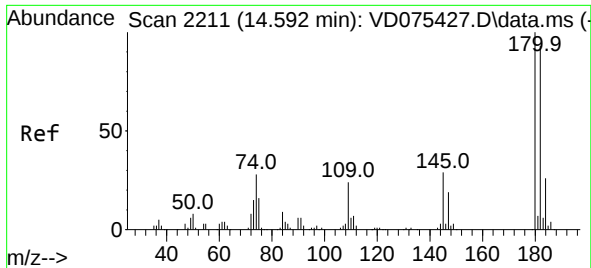
Ion Ratio Lower Upper

75 100

155 104.2 71.3 106.9

157 99.3 85.8 128.6

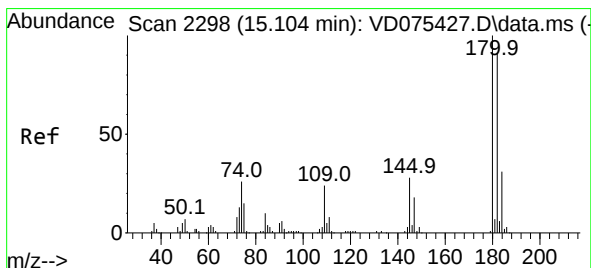
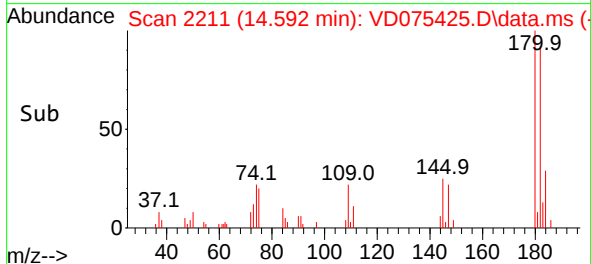
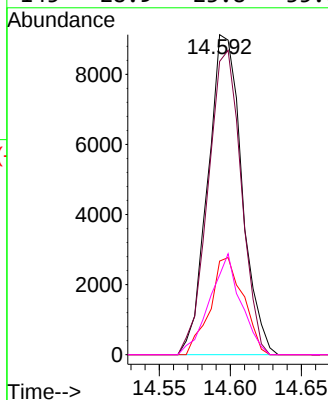
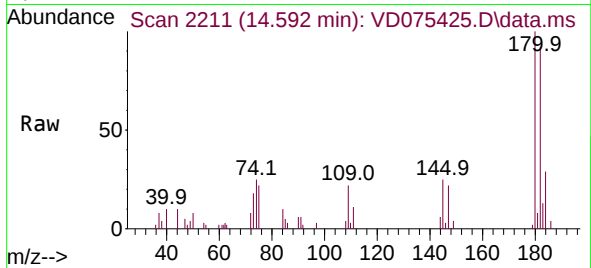




#69
1,3,5-Trichlorobenzene
Concen: 2.500 ug/L
RT: 14.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

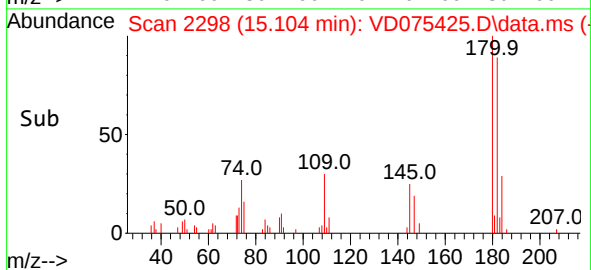
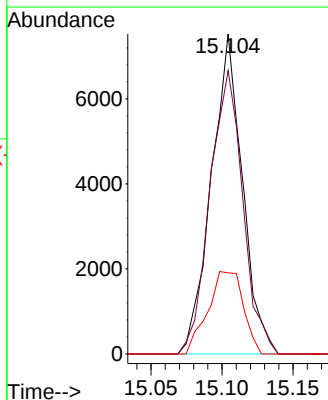
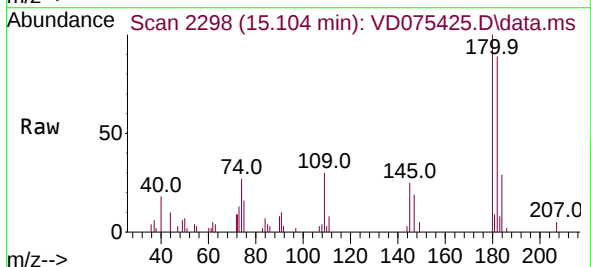
Instrument :
MSVOA_D
ClientSampleId :
VSTD2.5111

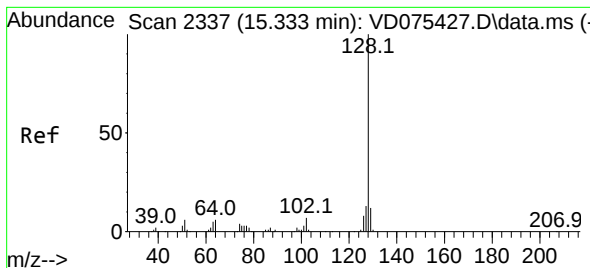
Tgt Ion:180	Resp:	15221
Ion Ratio	Lower	Upper
180	100	
182	92.4	76.5 114.7
184	29.6	23.6 35.4
145	28.9	23.8 35.6



#70
1,2,4-trichlorobenzene
Concen: 2.340 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075425.D
Acq: 01 Mar 2023 13:35

Tgt Ion:180	Resp:	11451
Ion Ratio	Lower	Upper
180	100	
182	93.7	74.3 111.5
145	29.4	23.0 34.6





#71

Naphthalene

Concen: 2.267 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTD2.5111

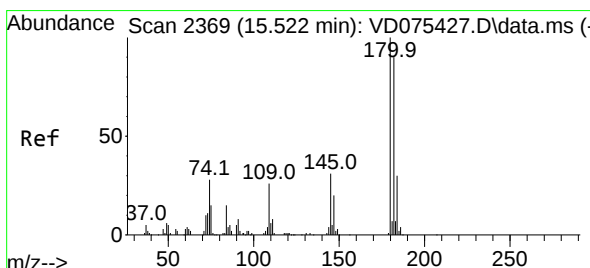
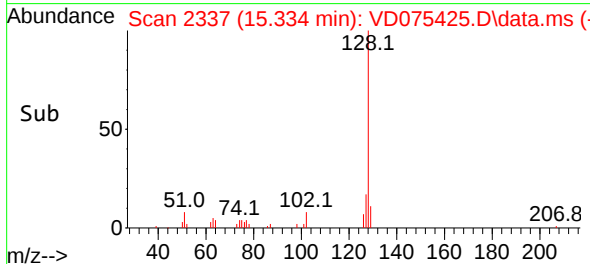
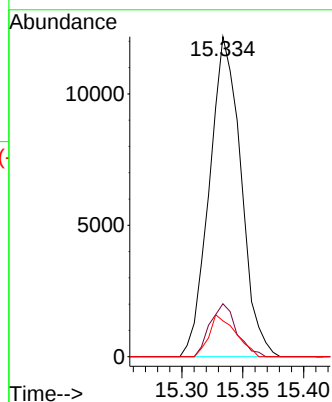
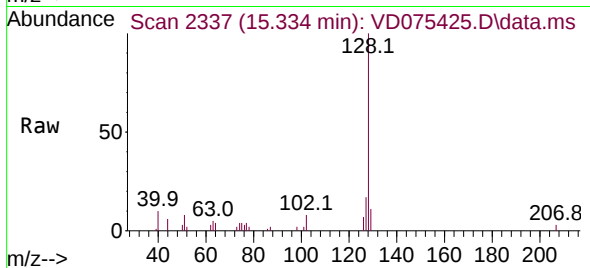
Tgt Ion:128 Resp: 22006

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.249 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075425.D

Acq: 01 Mar 2023 13:35

Tgt Ion:180 Resp: 9703

Ion Ratio Lower Upper

180 100

182 103.2 75.3 112.9

145 34.2 25.1 37.7

