

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075991.D
 Acq On : 03 May 2023 19:56
 Operator : KP/SY
 Sample : 02593-05MS
 Misc : 5.65G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:10:39 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	40961	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	46493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	23872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	15729	17.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.799	69	17407	22.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	3.905	65	3512	16.953	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.800%
21) 2-Butanone-d5	6.987	46	12889	165.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	330.460%#
24) Chloroform-d	7.569	84	29650	28.947	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	8.228	65	18944	43.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	173.240%#
32) Benzene-d6	8.199	84	51675	19.070	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.280%
36) 1,2-Dichloropropane-d6	9.210	67	18748	24.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.269	98	45103	17.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.120%
43) trans-1,3-Dichloroprop...	10.528	79	8617	27.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.160%
47) 2-Hexanone-d5	10.881	63	10390	115.047	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	230.100%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	29288	51.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	204.120%#
66) 1,2-Dichlorobenzene-d4	13.816	152	19438	23.020	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	9333	16.528	ug/L	100
3) Chloromethane	2.146	50	23672	30.072	ug/L	97
5) Vinyl chloride	2.281	62	23366	22.712	ug/L	95
6) Bromomethane	2.687	94	18245	26.392	ug/L	93
8) Chloroethane	2.834	64	17313	26.021	ug/L	95
9) Trichlorofluoromethane	3.169	101	14748	17.841	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	1349	2.429	ug/L #	1
12) 1,1-Dichloroethene	3.934	96	10173	18.889	ug/L	88
13) Acetone	4.022	43	38473	576.316	ug/L	96
14) Carbon disulfide	4.263	76	39656	21.081	ug/L	99
15) Methyl Acetate	4.569	43	13463	93.056	ug/L #	62
16) Methylene chloride	4.799	84	24004	28.888	ug/L	92
17) trans-1,2-Dichloroethene	5.305	96	14657	24.271	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	42278	43.644	ug/L #	81
19) 1,1-Dichloroethane	6.110	63	26565	30.028	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	18395	28.807	ug/L	98
22) 2-Butanone	7.081	43	16745	192.406	ug/L	91
23) Bromochloromethane	7.422	128	12390	41.838	ug/L #	84
25) Chloroform	7.593	83	32125	32.400	ug/L	95

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 Response via : Initial Calibration

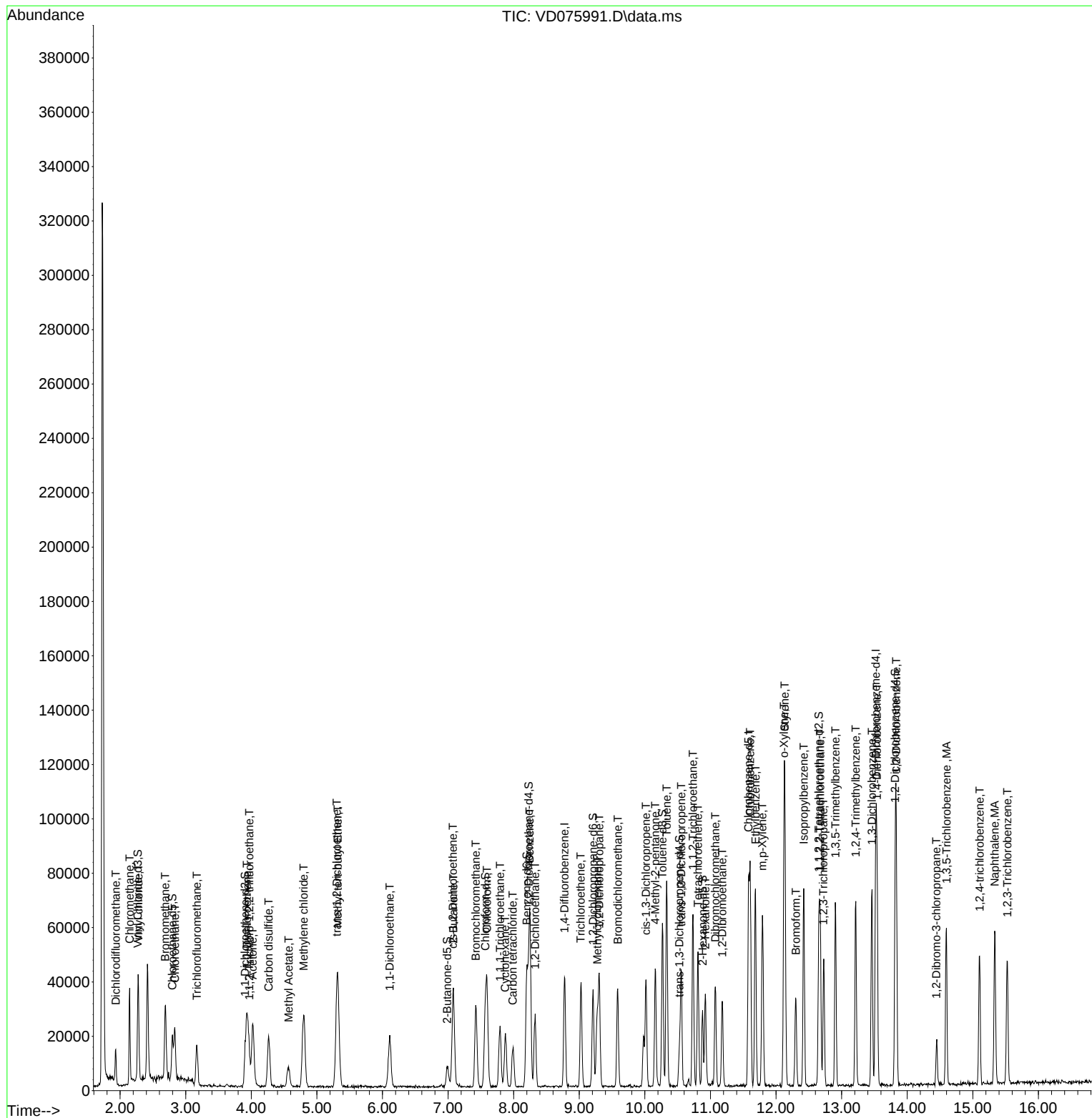
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	23073	45.082	ug/L	100
29) Cyclohexane	7.869	56	9248	11.619	ug/L #	90
30) 1,1,1-Trichloroethane	7.793	97	18289	18.592	ug/L	97
31) Carbon tetrachloride	7.987	117	11360	14.394	ug/L	99
33) Benzene	8.246	78	59670	21.218	ug/L	100
34) Trichloroethene	9.022	95	13562	18.648	ug/L	98
35) Methylcyclohexane	9.275	83	10312	9.196	ug/L	90
37) 1,2-Dichloropropane	9.304	63	17363	26.877	ug/L	99
38) Bromodichloromethane	9.587	83	25372	29.128	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	24597	23.941	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	27214	115.542	ug/L	92
42) Toluene	10.334	91	60985	20.039	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	25553	30.961	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	21907	39.861	ug/L	95
46) Tetrachloroethene	10.810	164	12545	21.030	ug/L	87
48) 2-Hexanone	10.922	43	20587	123.984	ug/L	87
49) Dibromochloromethane	11.075	129	21106	35.276	ug/L	93
50) 1,2-Dibromoethane	11.181	107	21757	43.910	ug/L	93
51) Chlorobenzene	11.604	112	45253	22.729	ug/L	97
52) Ethylbenzene	11.687	91	53671	17.198	ug/L	98
53) m,p-Xylene	11.792	106	22344	17.981	ug/L	91
54) o-Xylene	12.122	106	23574	19.973	ug/L	77
55) Styrene	12.134	104	42946	20.906	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	29932	53.527	ug/L	94
59) Bromoform	12.304	173	15381	42.040	ug/L	99
60) Isopropylbenzene	12.422	105	48763	15.405	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	20530	54.746	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	37198	15.759	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	37932	16.671	ug/L	96
64) 1,3-Dichlorobenzene	13.463	146	33927	22.401	ug/L	94
65) 1,4-Dichlorobenzene	13.539	146	34476	21.689	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	35009	25.884	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	4388	58.532	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.598	180	20807	20.497	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	17136	20.370	ug/L	99
71) Naphthalene	15.333	128	51735	33.605	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	18478	24.607	ug/L	98

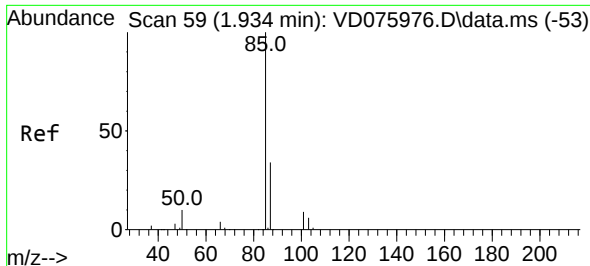
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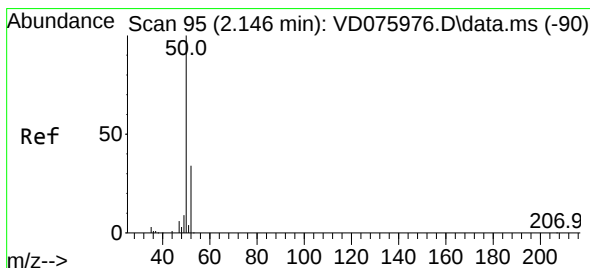
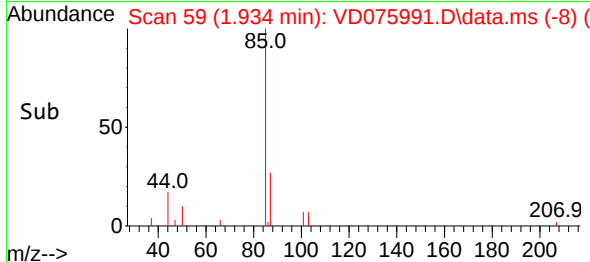
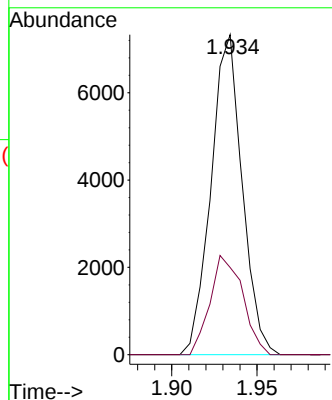
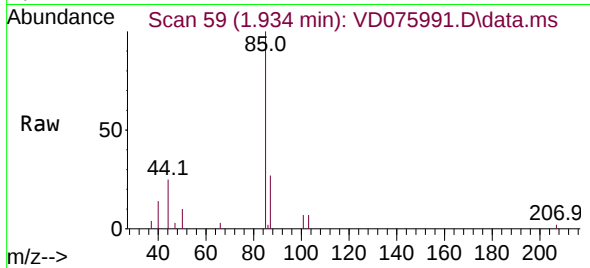




#2
Dichlorodifluoromethane
Concen: 16.528 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

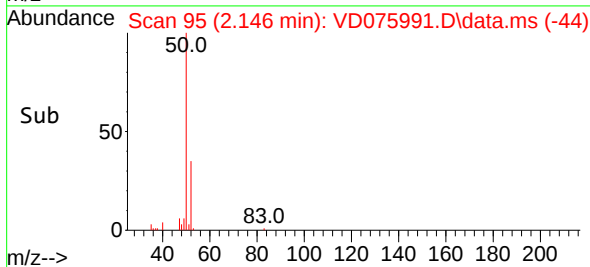
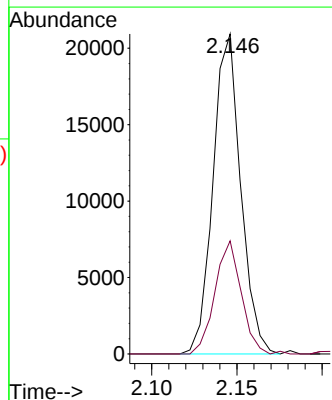
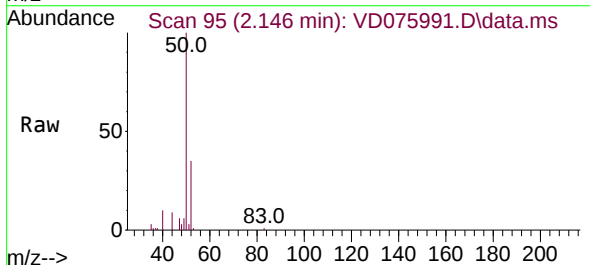
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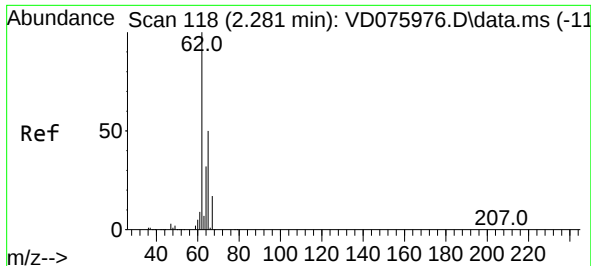
Tgt Ion: 85 Resp: 9333
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 30.072 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 50 Resp: 23672
Ion Ratio Lower Upper
50 100
52 35.3 23.7 44.1

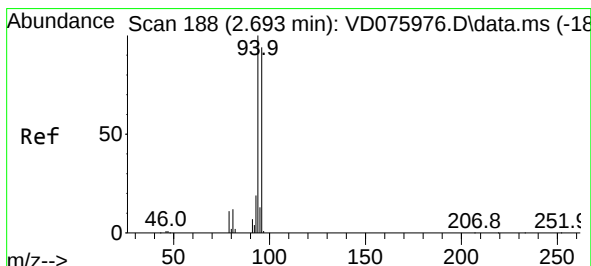
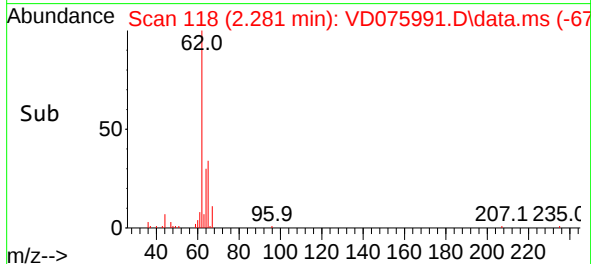
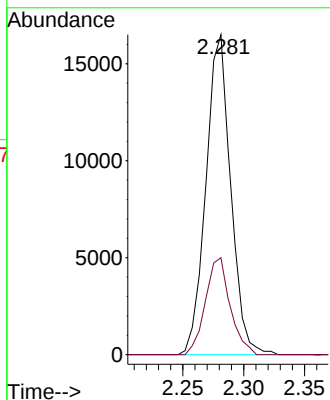
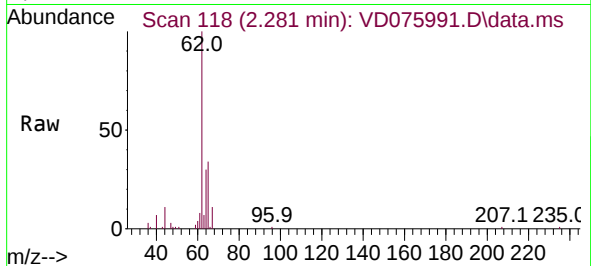




#5
 Vinyl chloride
 Concen: 22.712 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075991.D
 Acq: 03 May 2023 19:56

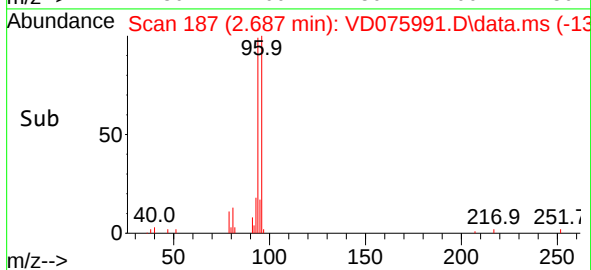
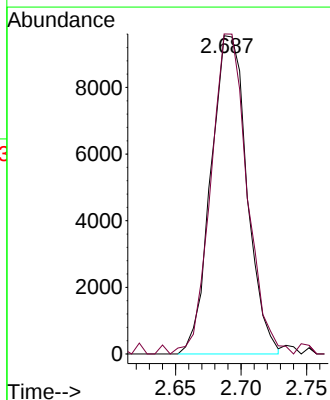
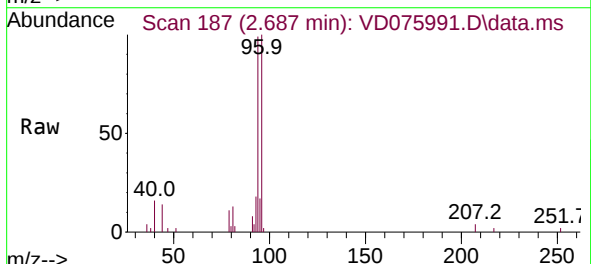
Instrument :
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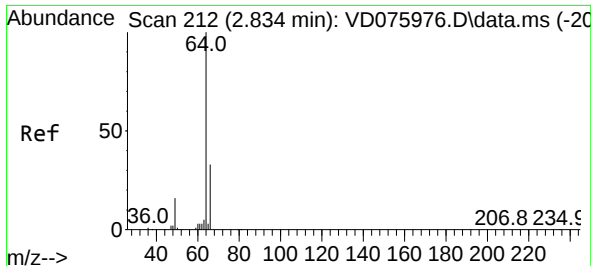
Tgt Ion: 62 Resp: 23366
 Ion Ratio Lower Upper
 62 100
 64 30.3 23.2 43.0



#6
 Bromomethane
 Concen: 26.392 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075991.D
 Acq: 03 May 2023 19:56

Tgt Ion: 94 Resp: 18245
 Ion Ratio Lower Upper
 94 100
 96 100.6 65.7 121.9

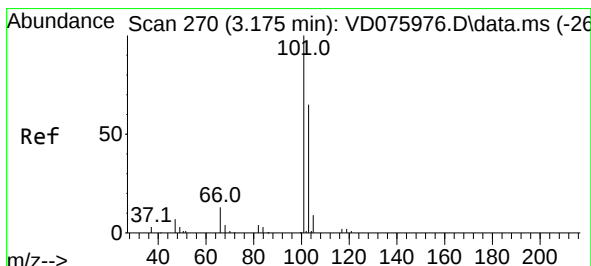
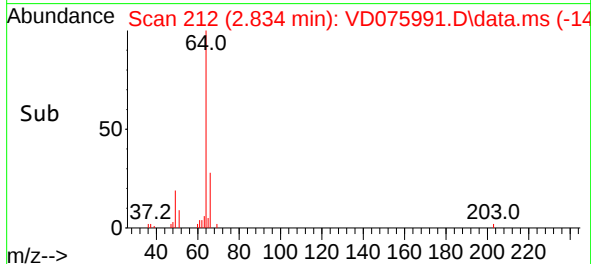
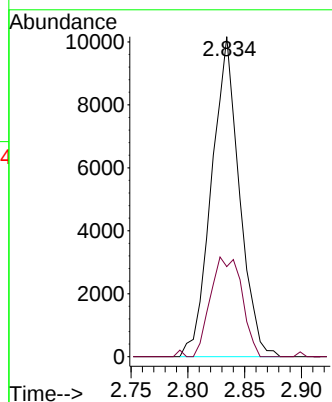
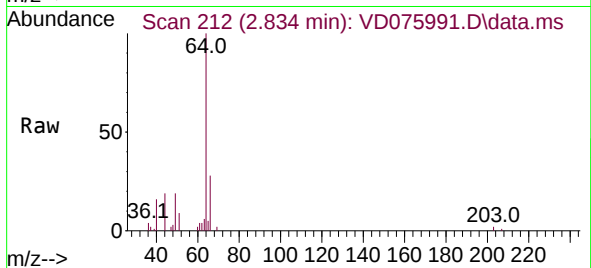




#8
Chloroethane
Concen: 26.021 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

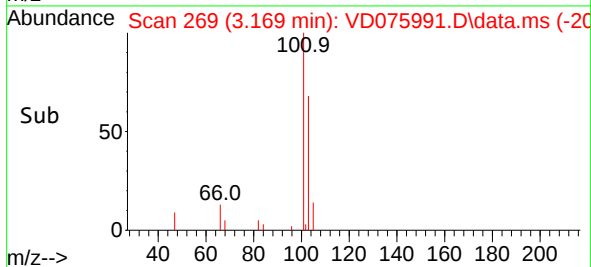
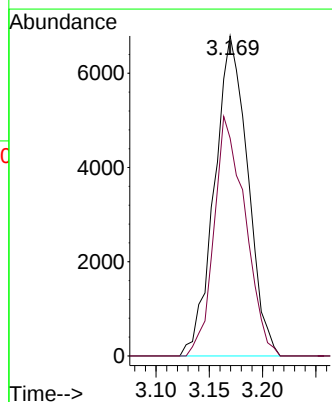
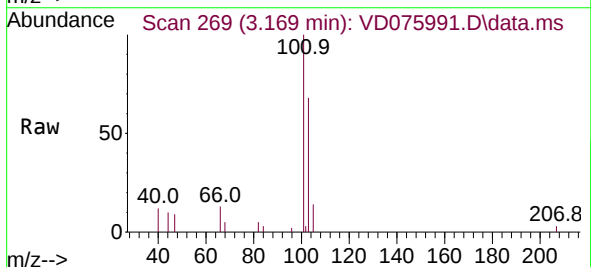
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MSVOA_D
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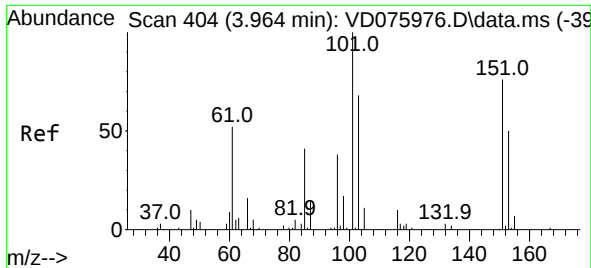
Tgt Ion: 64 Resp: 17313
Ion Ratio Lower Upper
64 100
66 28.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 17.841 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

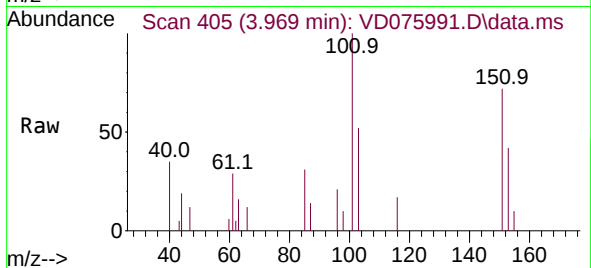
Tgt Ion:101 Resp: 14748
Ion Ratio Lower Upper
101 100
103 70.0 52.2 78.4



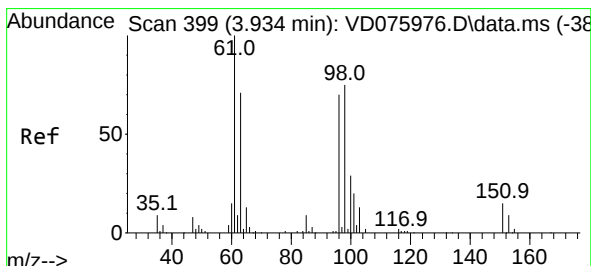
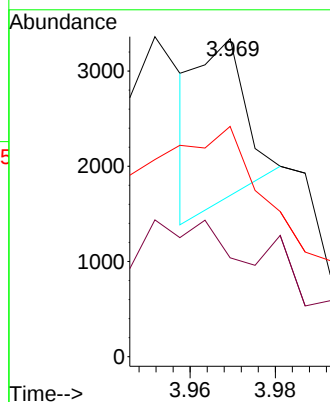
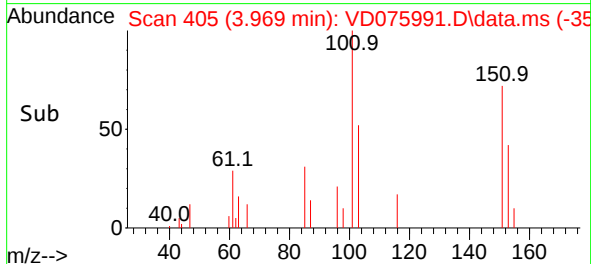


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.429 ug/L
 RT: 3.969 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD075991.D
 Acq: 03 May 2023 19:56

Instrument :
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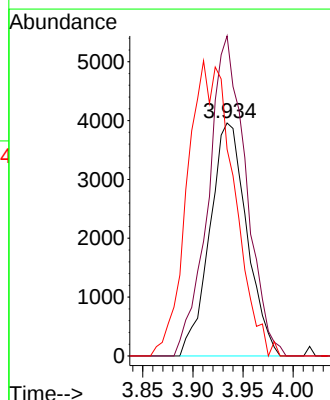
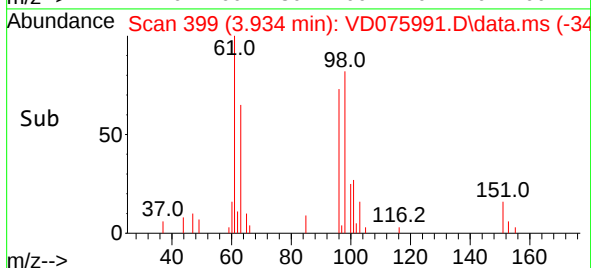
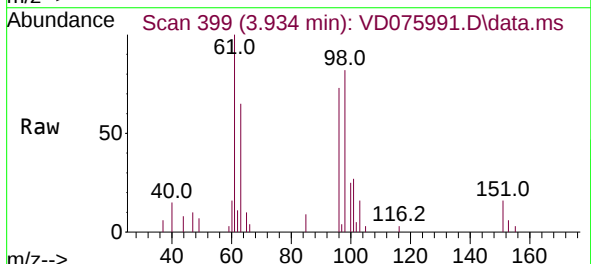


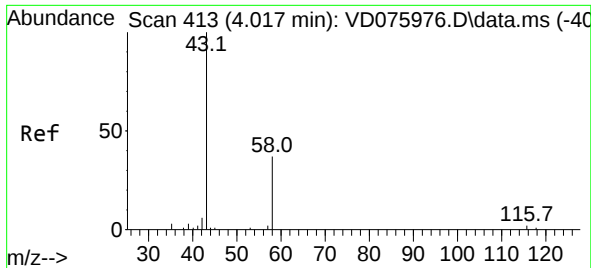
Tgt Ion:101 Resp: 1349
 Ion Ratio Lower Upper
 101 100
 85 66.6 32.9 49.3#
 151 535.8 57.2 85.8#



#12
 1,1-Dichloroethene
 Concen: 18.889 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VD075991.D
 Acq: 03 May 2023 19:56

Tgt Ion: 96 Resp: 10173
 Ion Ratio Lower Upper
 96 100
 61 137.4 92.6 172.0
 63 88.8 77.4 143.8





#13

Acetone

Concen: 576.316 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

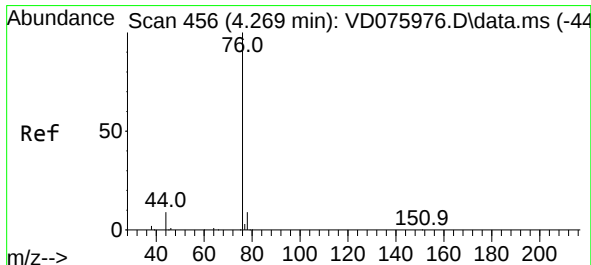
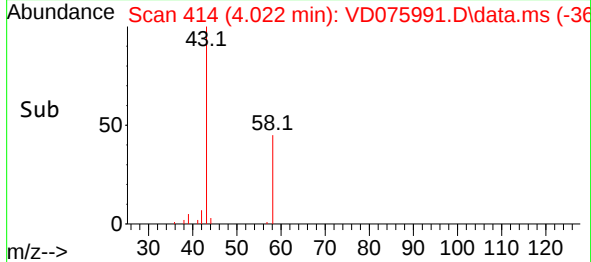
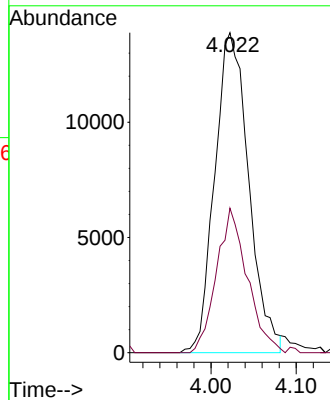
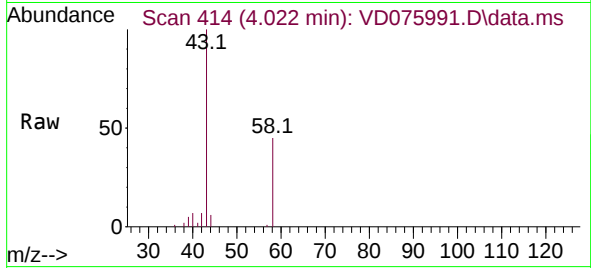
ClientSampleId :

Tgt Ion: 43 Resp: 38473

Ion Ratio Lower Upper

43 100

58 40.9 0.0 87.4



#14

Carbon disulfide

Concen: 21.081 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075991.D

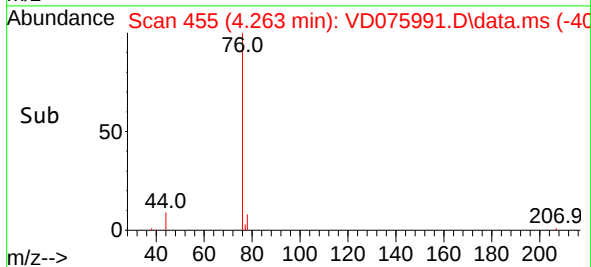
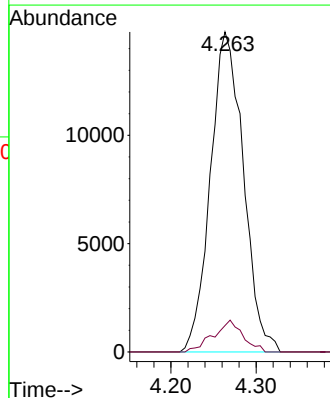
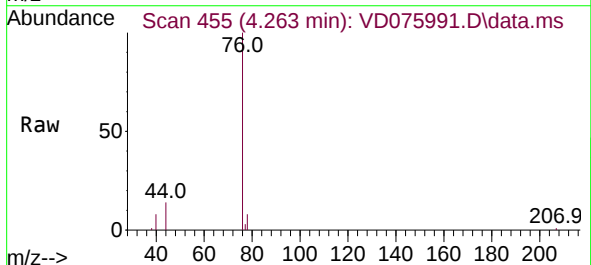
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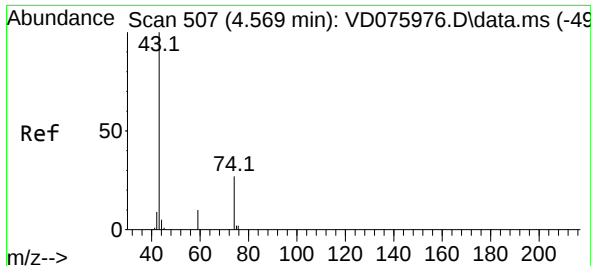
Tgt Ion: 76 Resp: 39656

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6

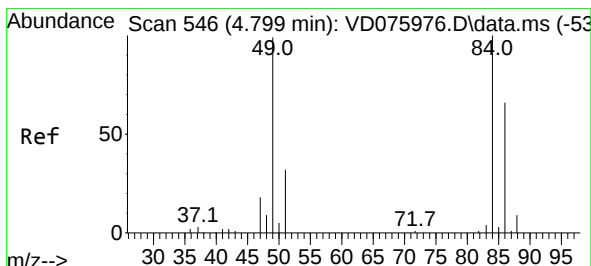
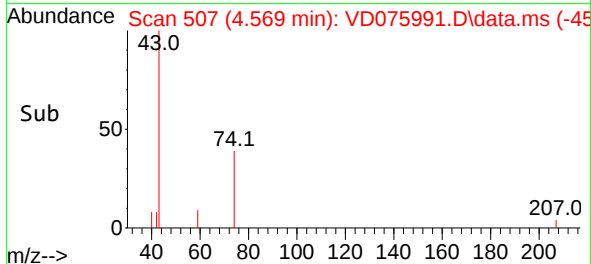
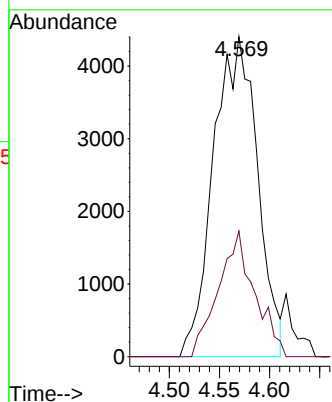
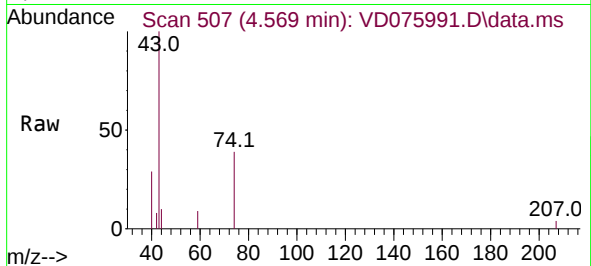




#15
Methyl Acetate
Concen: 93.056 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

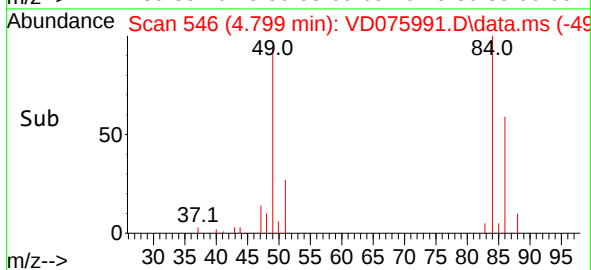
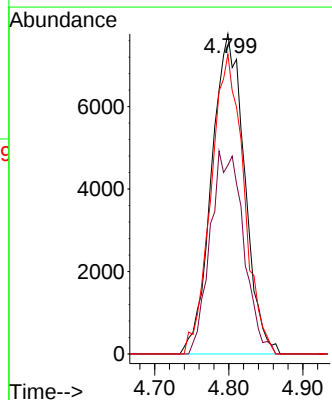
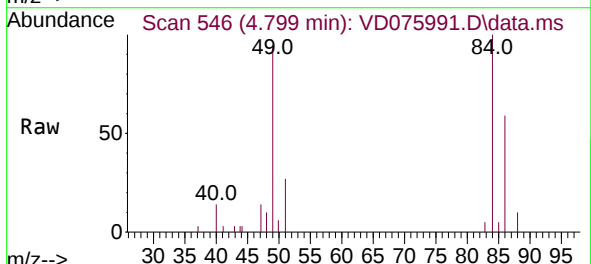
Instrument :
MSVOA_D
ClientSampleId :

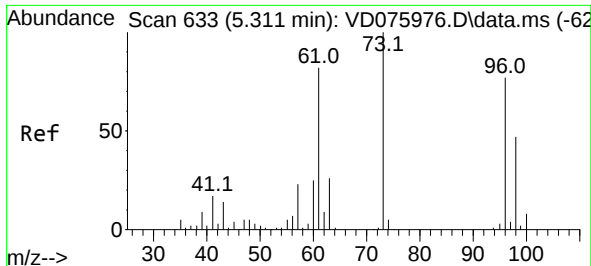
Tgt Ion: 43 Resp: 13463
Ion Ratio Lower Upper
43 100
74 32.2 12.8 19.2#



#16
Methylene chloride
Concen: 28.888 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 84 Resp: 24004
Ion Ratio Lower Upper
84 100
86 59.0 45.8 85.2
49 93.6 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 24.271 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

ClientSampleId :

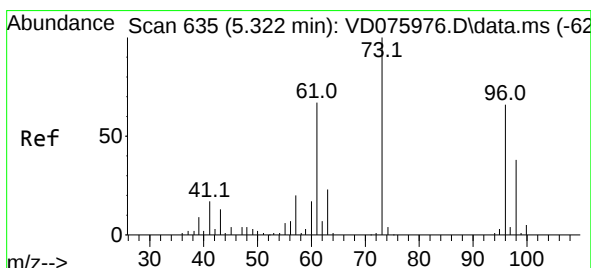
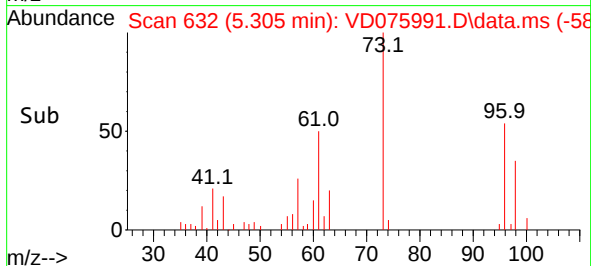
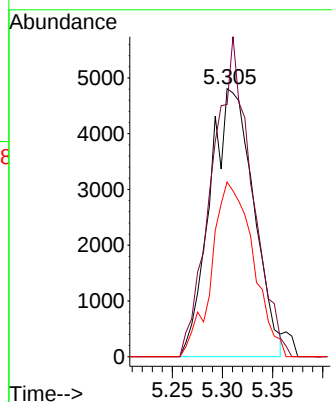
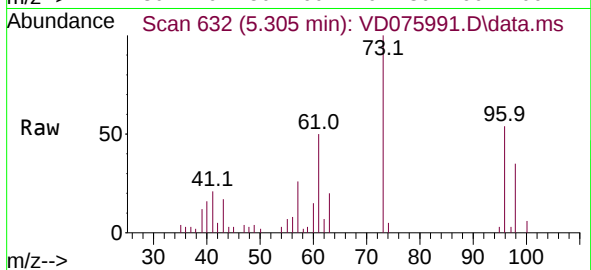
Tgt Ion: 96 Resp: 14657

Ion Ratio Lower Upper

96 100

61 94.1 72.9 135.5

98 65.2 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 43.644 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

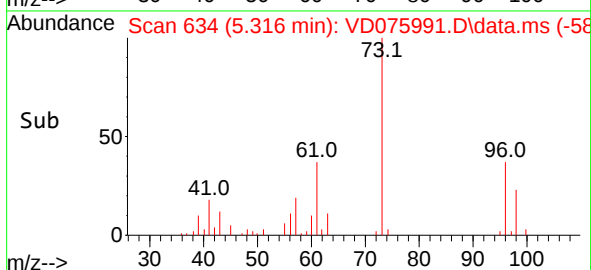
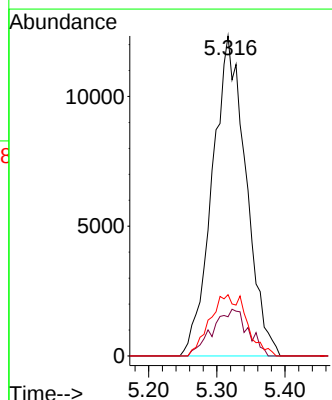
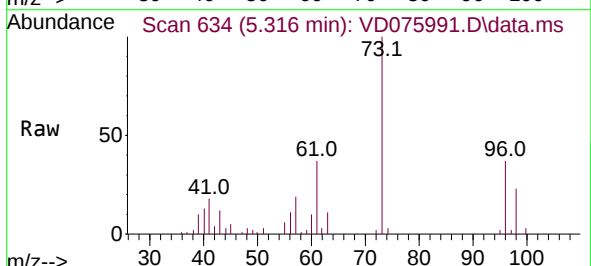
Tgt Ion: 73 Resp: 42278

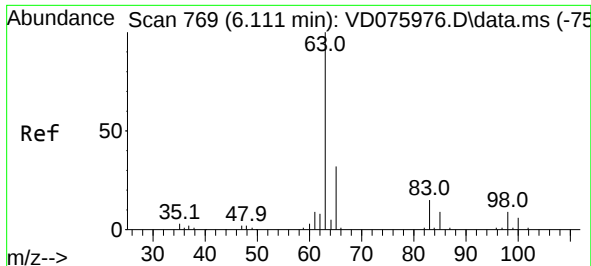
Ion Ratio Lower Upper

73 100

43 2.4 11.3 16.9#

57 14.6 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 30.028 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

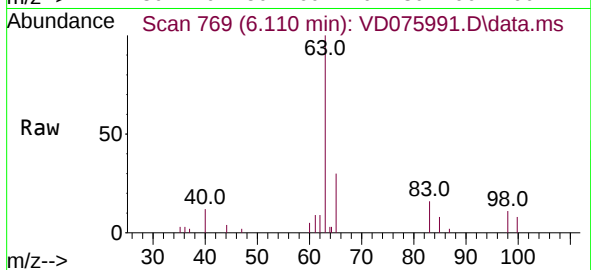
Lab File: VD075991.D

Acq: 03 May 2023 19:56

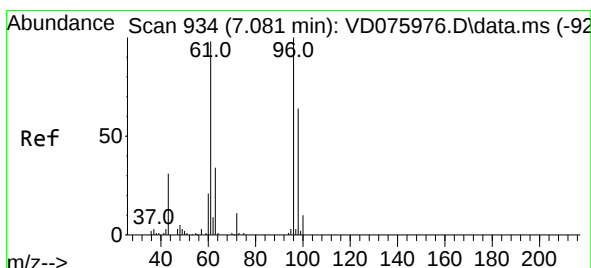
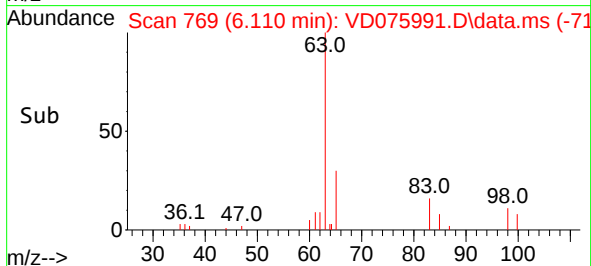
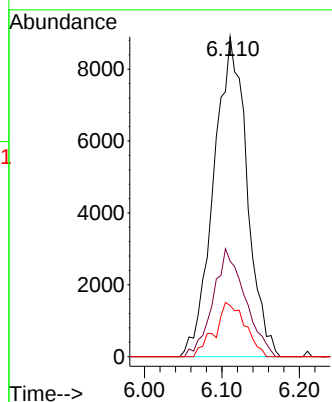
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	63	Resp:	26565
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.8	42.4
83	16.0	11.2	20.8



#20

cis-1,2-Dichloroethene

Concen: 28.807 ug/L

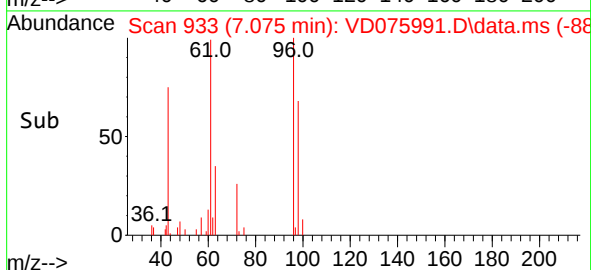
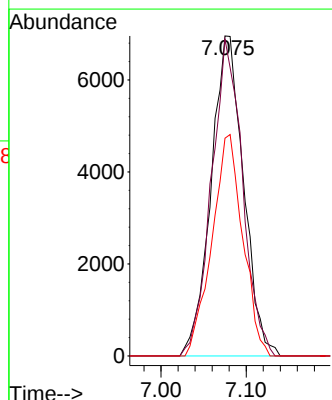
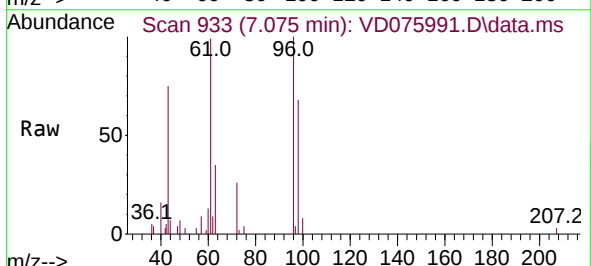
RT: 7.075 min Scan# 933

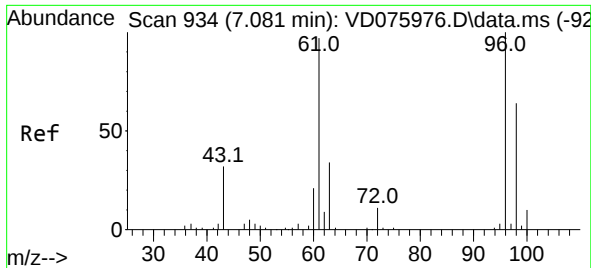
Delta R.T. -0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Tgt Ion:	96	Resp:	18395
Ion	Ratio	Lower	Upper
96	100		
61	98.9	67.5	125.3
98	68.1	47.5	88.1

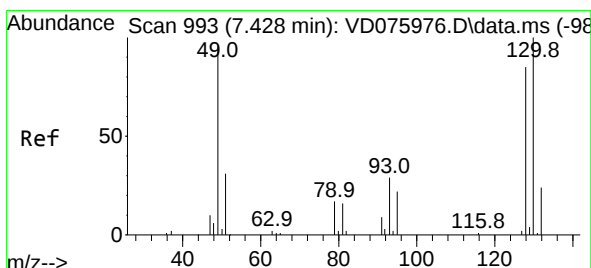
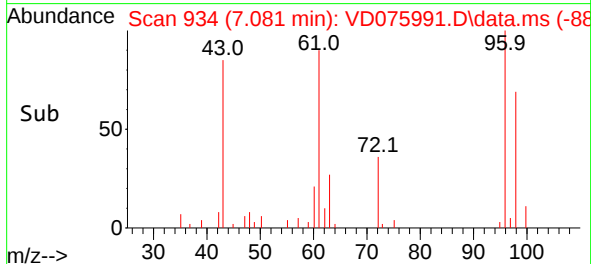
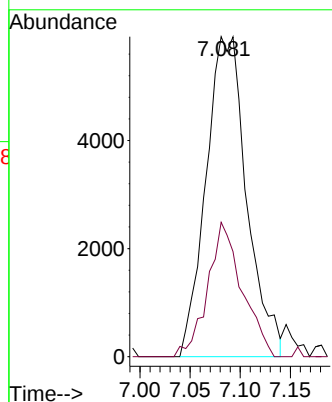
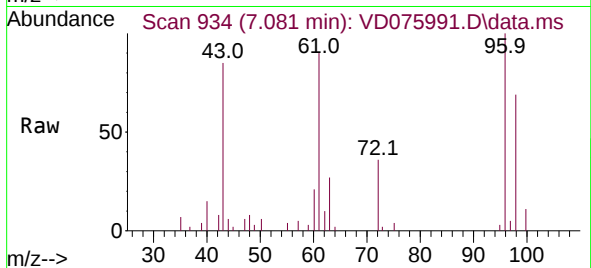




#22
2-Butanone
Concen: 192.406 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

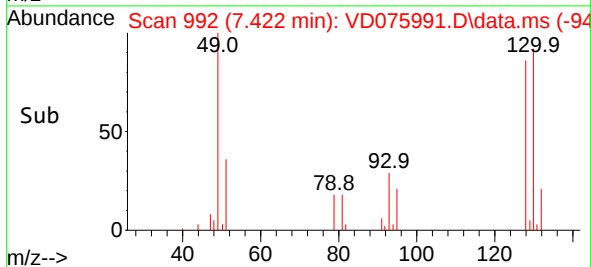
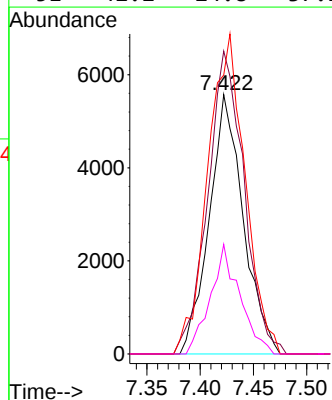
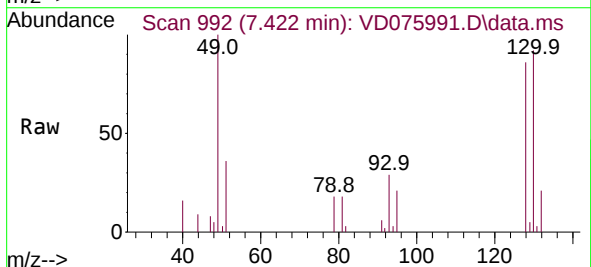
Instrument :
MSVOA_D
ClientSampleId :

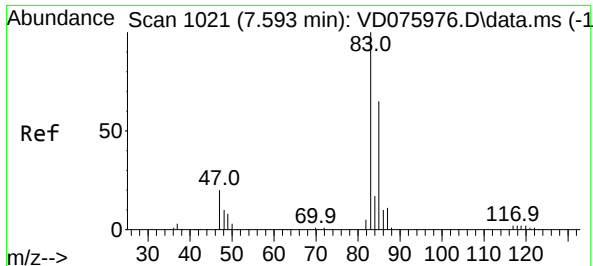
Tgt Ion: 43 Resp: 16745
Ion Ratio Lower Upper
43 100
72 35.3 20.5 61.5



#23
Bromochloromethane
Concen: 41.838 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion:128 Resp: 12390
Ion Ratio Lower Upper
128 100
49 116.8 76.4 142.0
130 107.6 93.5 173.7
51 42.2 24.8 37.2#





#25

Chloroform

Concen: 32.400 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

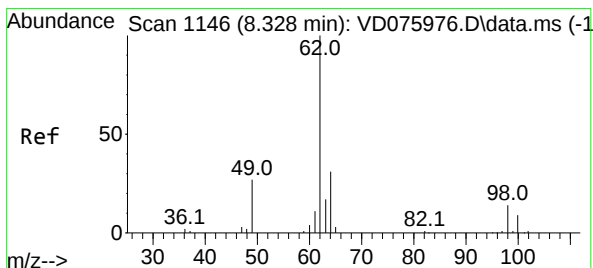
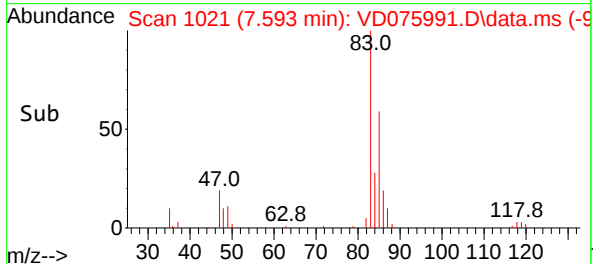
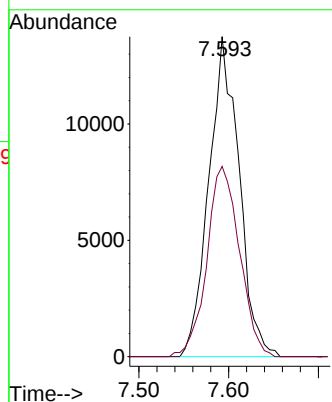
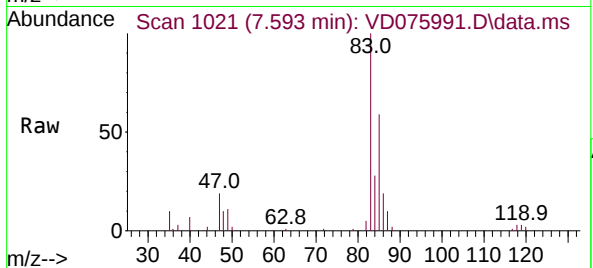
ClientSampleId :

Tgt Ion: 83 Resp: 32125

Ion Ratio Lower Upper

83 100

85 59.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 45.082 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075991.D

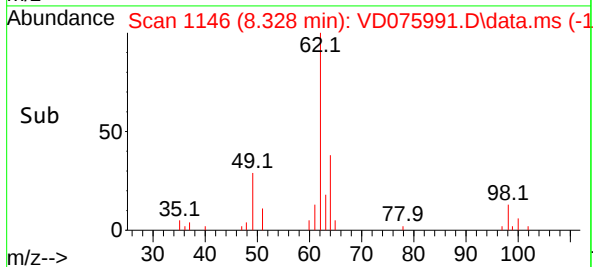
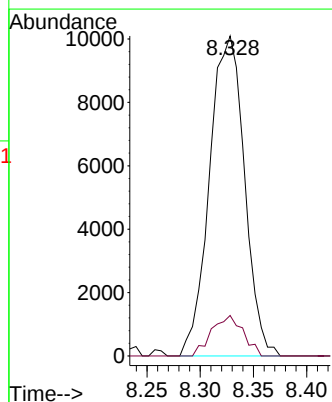
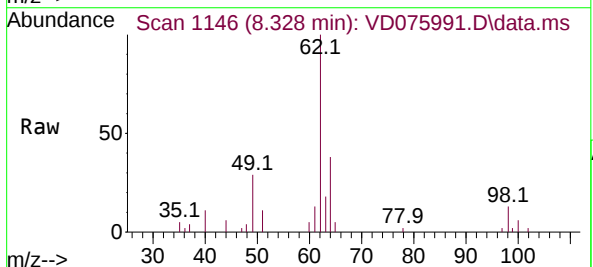
Acq: 03 May 2023 19:56

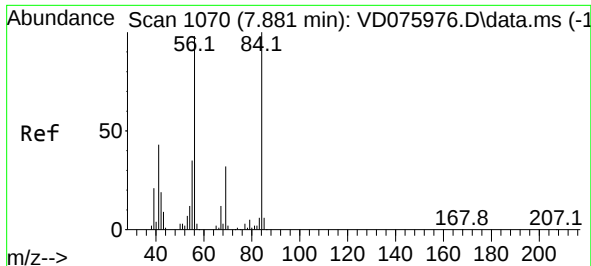
Tgt Ion: 62 Resp: 23073

Ion Ratio Lower Upper

62 100

98 12.6 10.2 15.2





#29

Cyclohexane

Concen: 11.619 ug/L

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

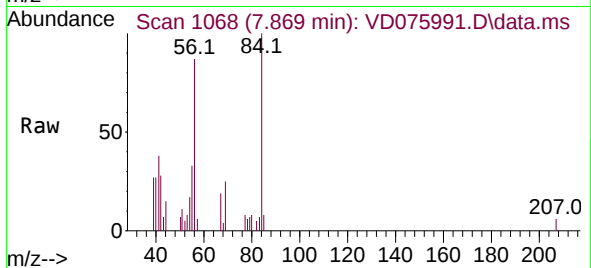
Lab File: VD075991.D

Acq: 03 May 2023 19:56

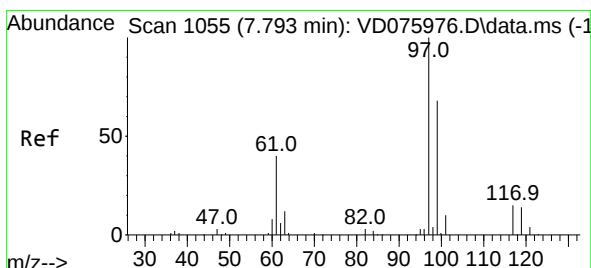
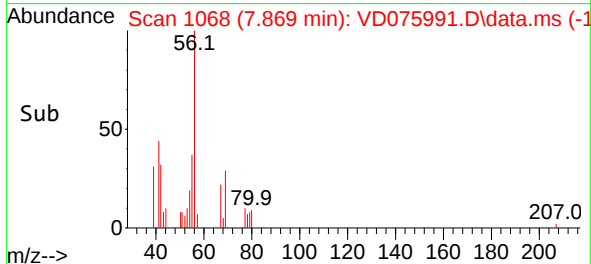
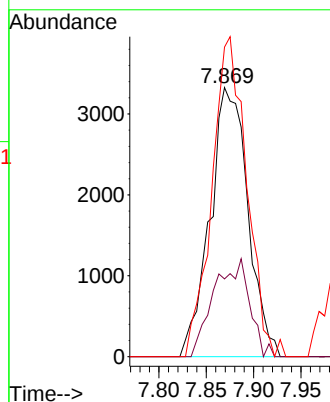
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 56	Resp: 9248
Ion Ratio	Lower Upper
56	100
69	22.5 28.2 42.2#
84	108.1 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 18.592 ug/L

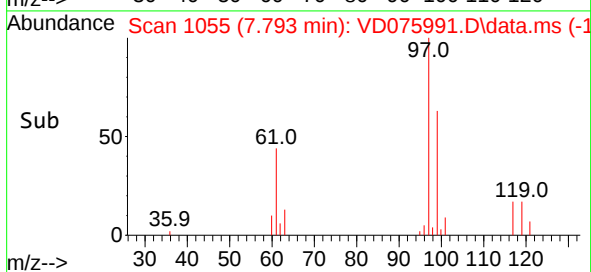
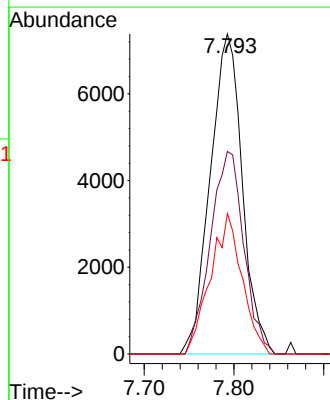
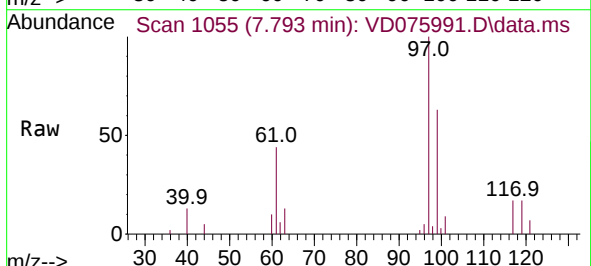
RT: 7.793 min Scan# 1055

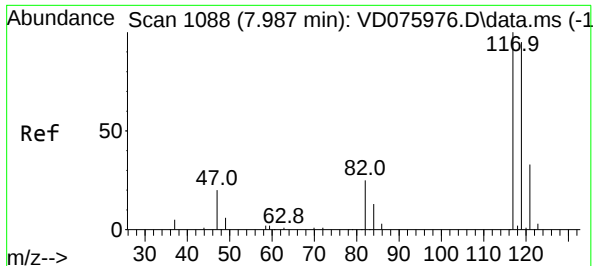
Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Tgt Ion: 97	Resp: 18289
Ion Ratio	Lower Upper
97	100
99	66.2 51.5 77.3
61	43.4 32.1 48.1

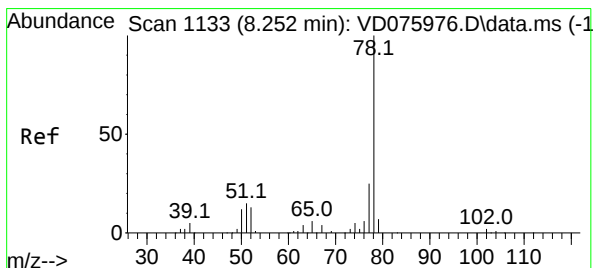
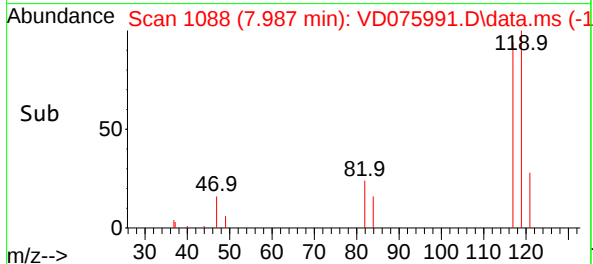
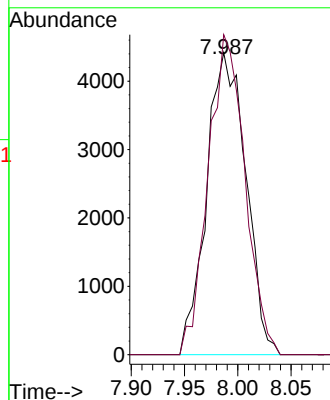
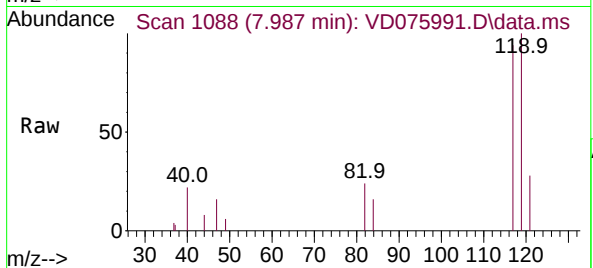




#31
Carbon tetrachloride
Concen: 14.394 ug/L
RT: 7.987 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

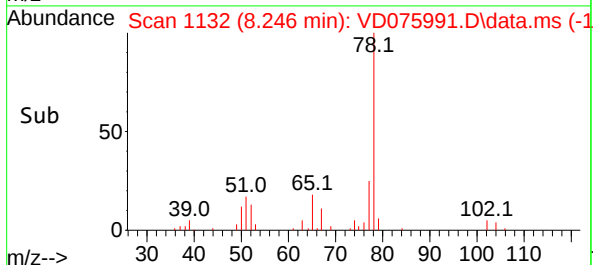
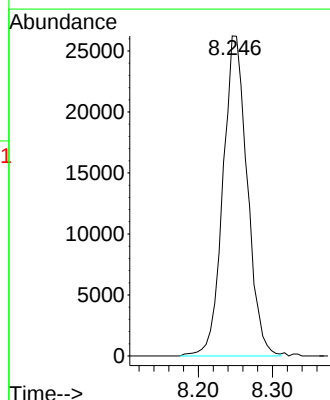
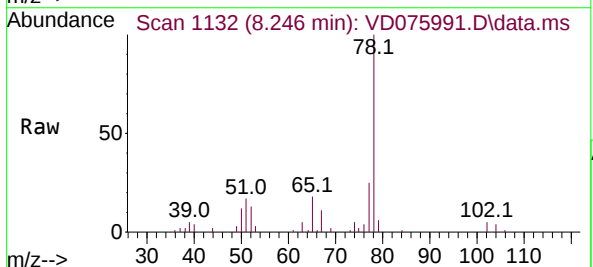
Instrument :
MSVOA_D
ClientSampleId :

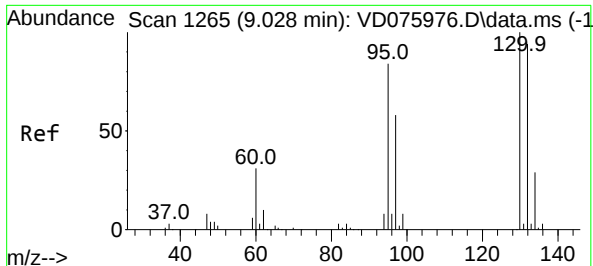
Tgt Ion:117 Resp: 11360
Ion Ratio Lower Upper
117 100
119 98.8 78.2 117.4



#33
Benzene
Concen: 21.218 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 78 Resp: 59670



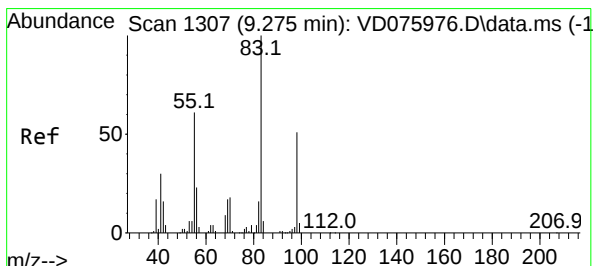
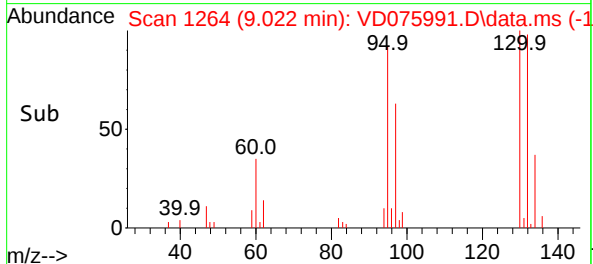
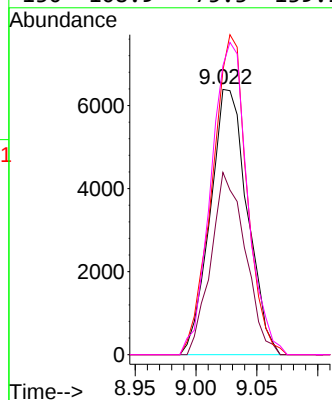
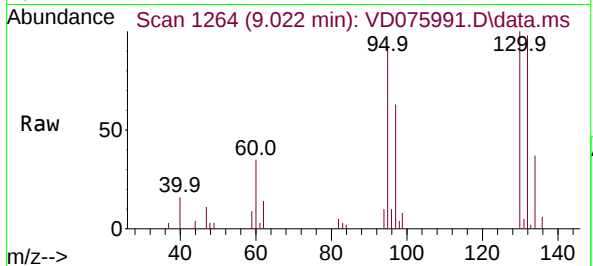


#34
Trichloroethene
Concen: 18.648 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 13562

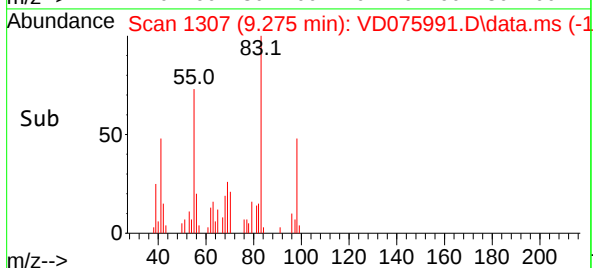
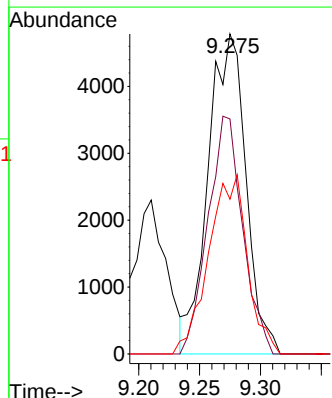
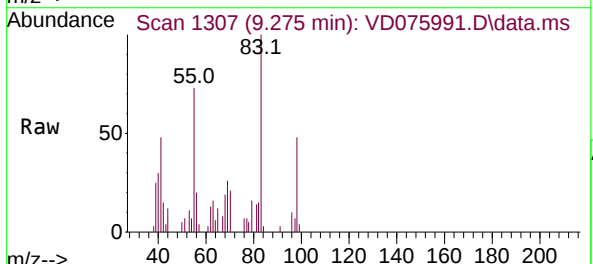
Ion	Ratio	Lower	Upper
95	100		
97	68.7	46.0	85.4
132	107.2	73.3	136.1
130	108.9	75.3	139.9

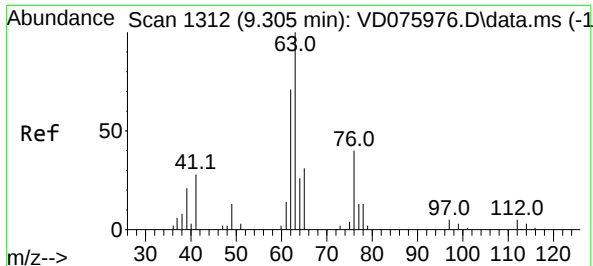


#35
Methylcyclohexane
Concen: 9.196 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 83 Resp: 10312

Ion	Ratio	Lower	Upper
83	100		
55	68.4	48.2	72.2
98	57.3	40.8	61.2

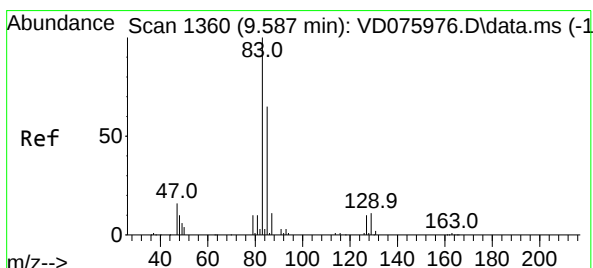
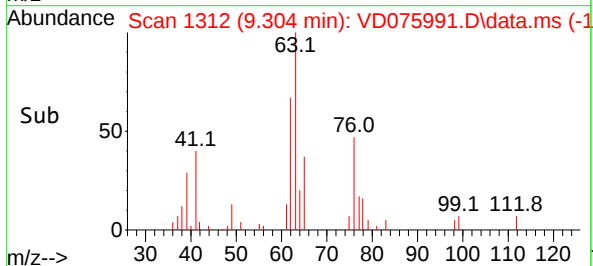
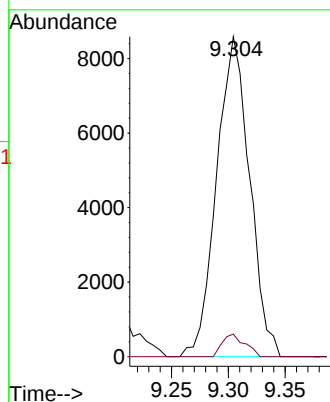
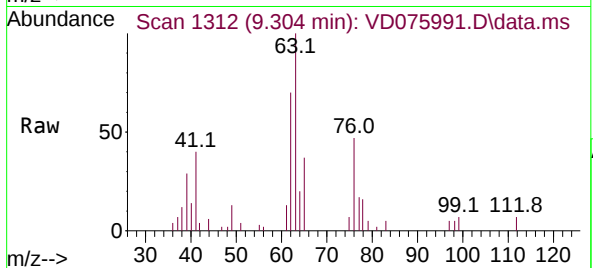




#37
1,2-Dichloropropane
Concen: 26.877 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

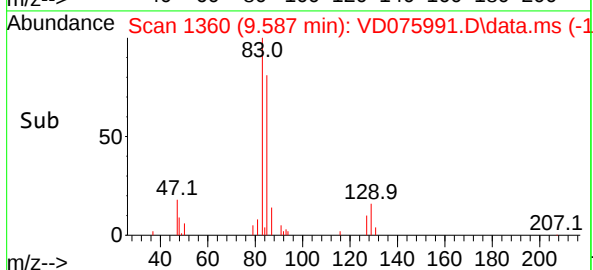
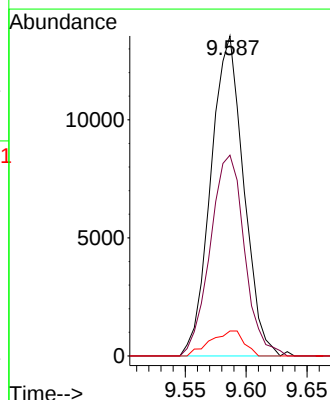
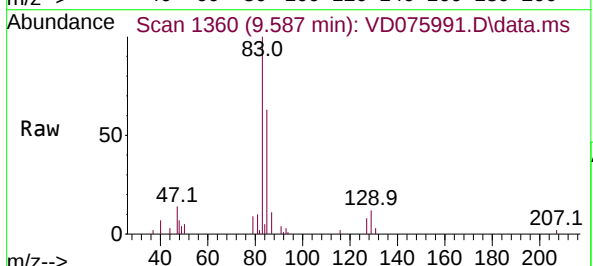
Instrument :
MSVOA_D
ClientSampleId :

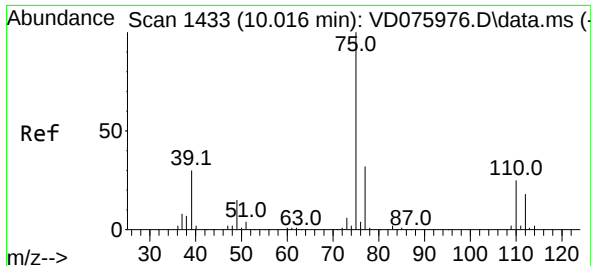
Tgt Ion: 63 Resp: 17363
Ion Ratio Lower Upper
63 100
112 4.8 4.0 6.0



#38
Bromodichloromethane
Concen: 29.128 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 83 Resp: 25372
Ion Ratio Lower Upper
83 100
85 62.7 44.2 82.2
127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.941 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

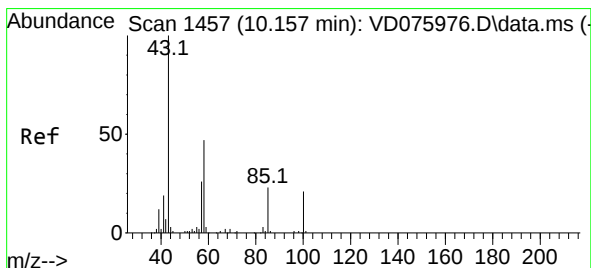
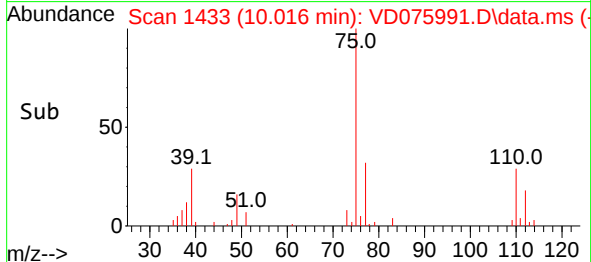
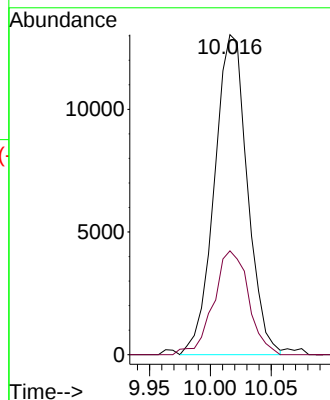
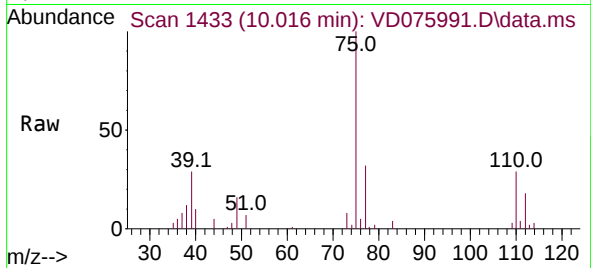
ClientSampleId :

Tgt Ion: 75 Resp: 24597

Ion Ratio Lower Upper

75 100

77 32.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 115.542 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

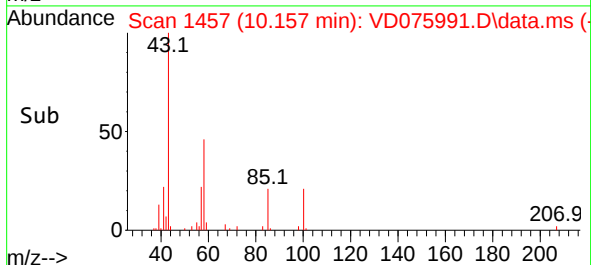
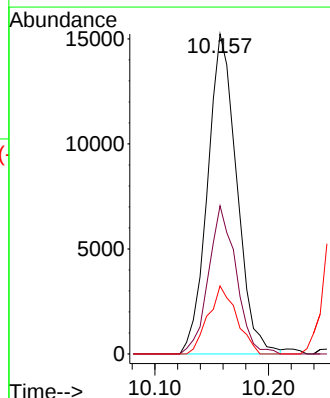
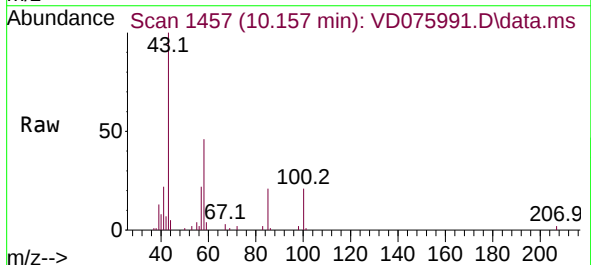
Tgt Ion: 43 Resp: 27214

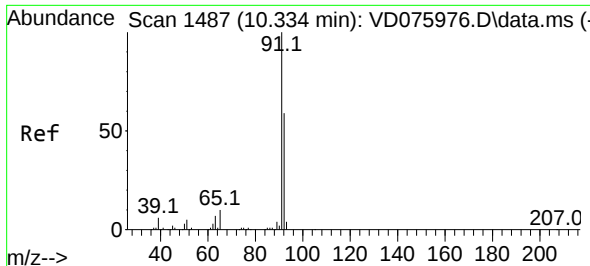
Ion Ratio Lower Upper

43 100

58 43.3 39.1 58.7

100 20.5 19.4 29.0

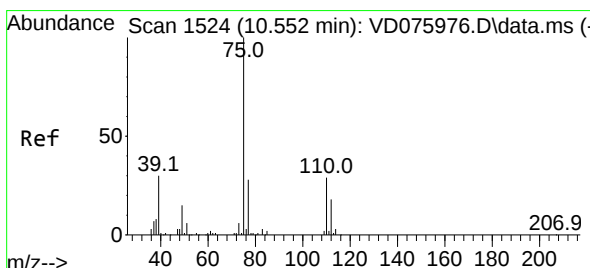
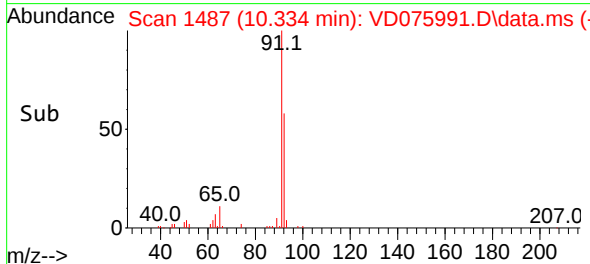
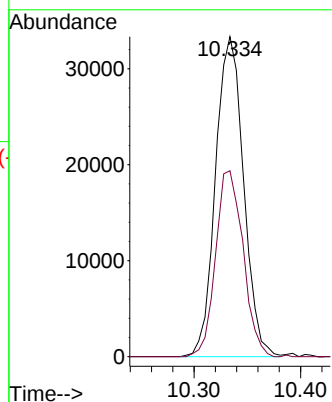
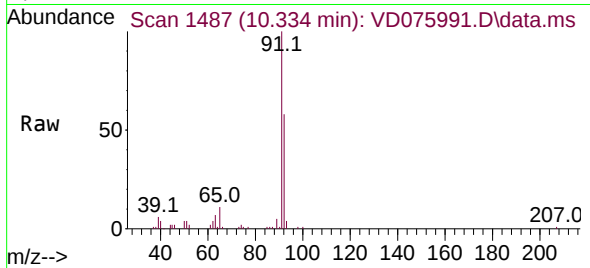




#42
Toluene
Concen: 20.039 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

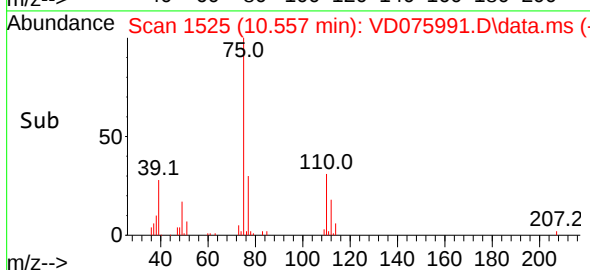
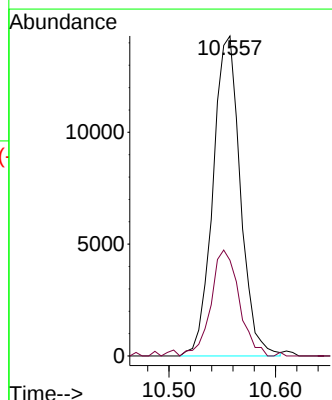
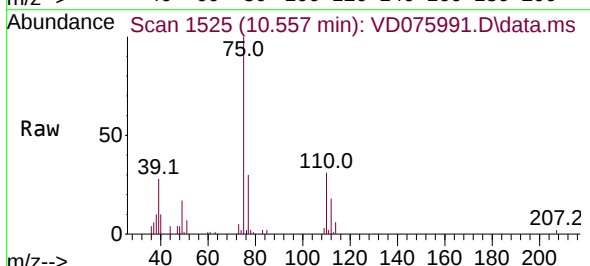
Instrument :
MSVOA_D
ClientSampleId :

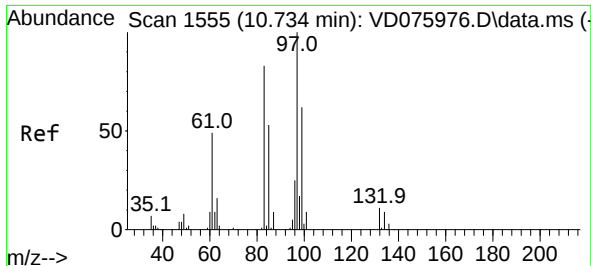
Tgt Ion: 91 Resp: 60985
Ion Ratio Lower Upper
91 100
92 58.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 30.961 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 75 Resp: 25553
Ion Ratio Lower Upper
75 100
77 29.9 22.0 41.0

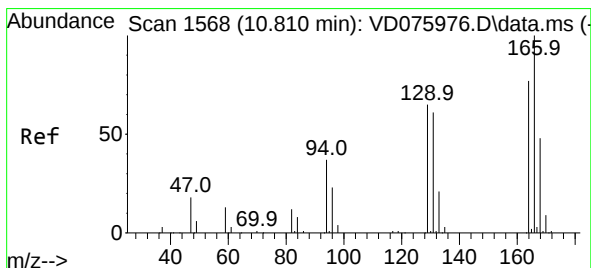
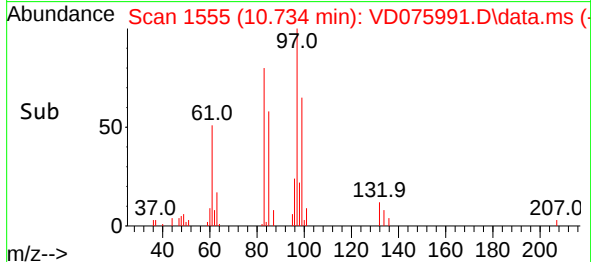
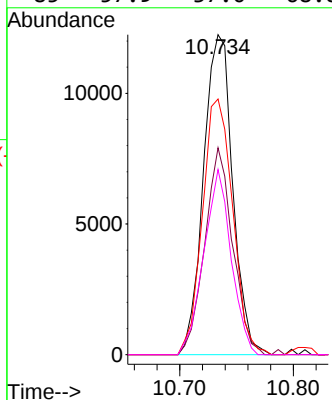
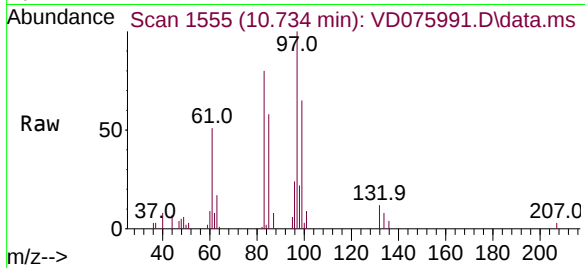




#45
1,1,2-Trichloroethane
Concen: 39.861 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

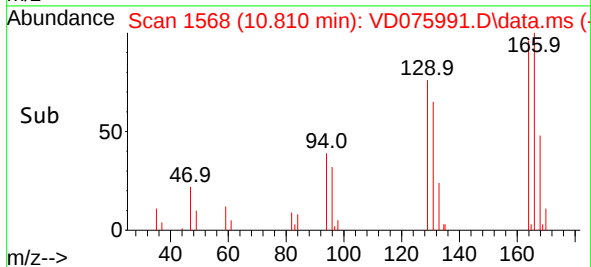
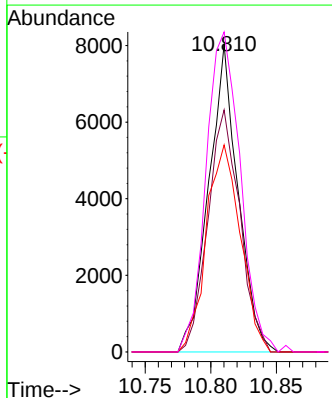
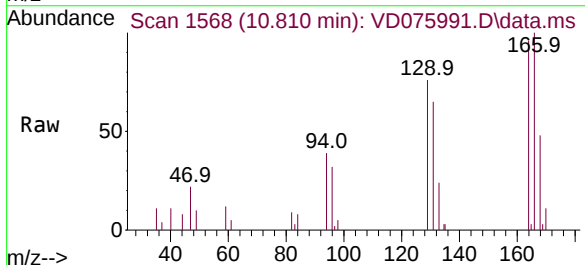
Instrument :
MSVOA_D
ClientSampleId :

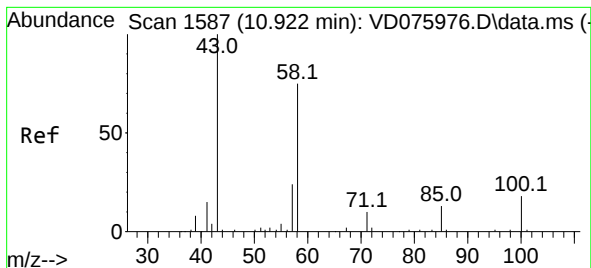
Tgt Ion: 97	Resp: 21907
Ion Ratio	Lower Upper
97 100	
99 64.7	42.2 78.4
83 79.9	54.8 101.8
85 57.9	37.0 68.8



#46
Tetrachloroethene
Concen: 21.030 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt	Ion:164	Resp:	12545
Ion	Ratio	Lower	Upper
164	100		
129	78.6	60.3	112.1
131	67.3	58.9	109.3
166	103.9	83.0	154.1





#48

2-Hexanone

Concen: 123.984 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

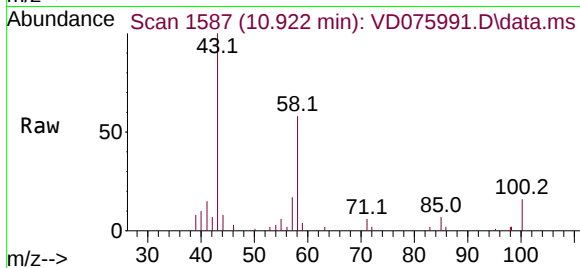
Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 20587

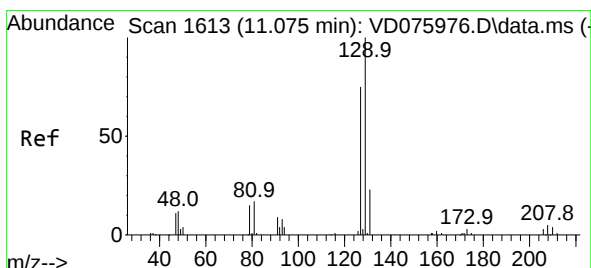
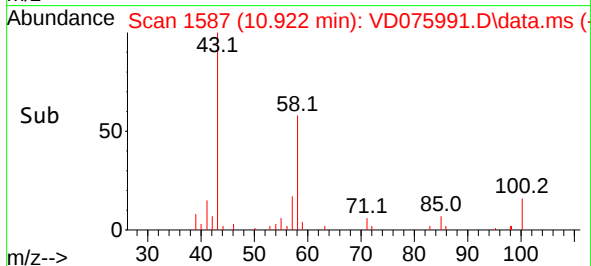
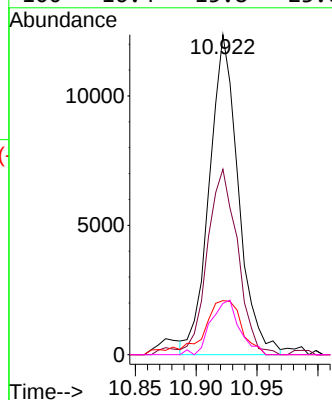
Ion Ratio Lower Upper

43 100

58 59.8 59.7 89.5

57 21.6 17.9 26.9

100 16.4 15.8 23.6



#49

Dibromochloromethane

Concen: 35.276 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075991.D

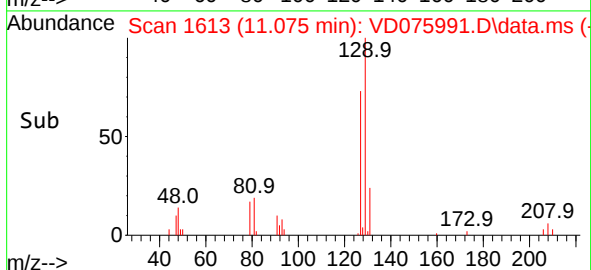
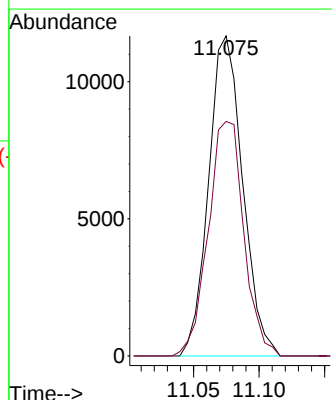
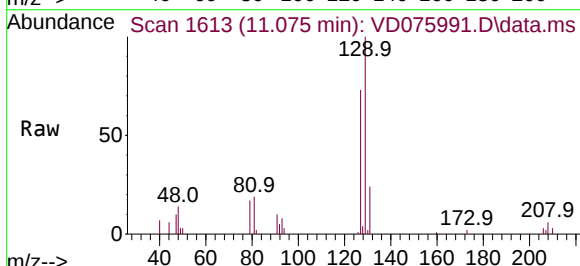
Acq: 03 May 2023 19:56

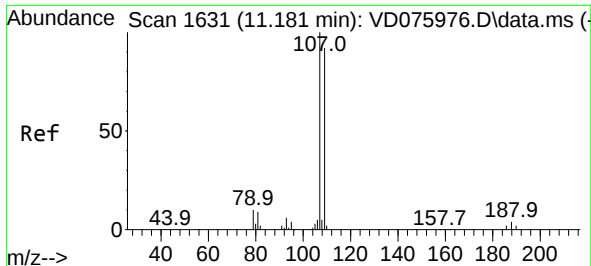
Tgt Ion: 129 Resp: 21106

Ion Ratio Lower Upper

129 100

127 73.3 55.6 103.4





#50

1,2-Dibromoethane

Concen: 43.910 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

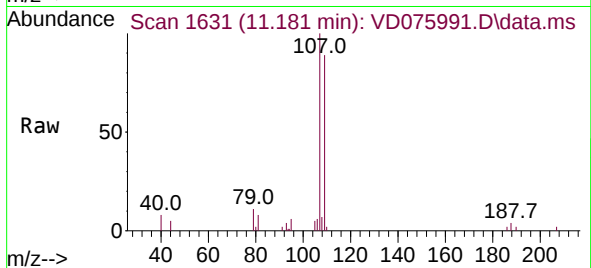
Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

ClientSampleId :



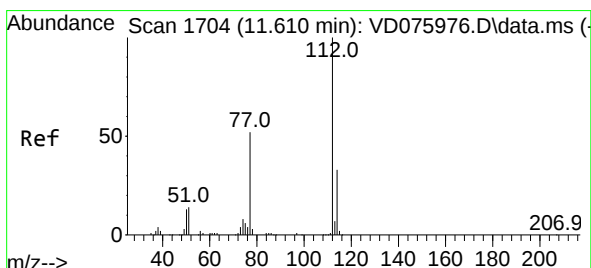
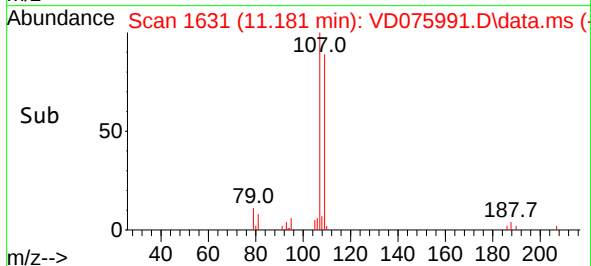
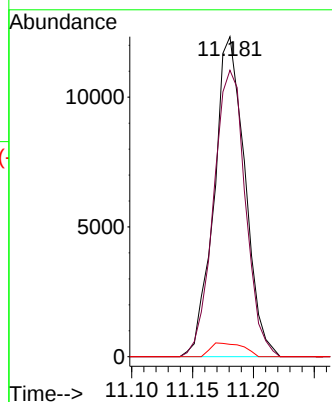
Tgt Ion:107 Resp: 21757

Ion Ratio Lower Upper

107 100

109 89.5 67.6 125.6

188 3.8 3.0 4.6



#51

Chlorobenzene

Concen: 22.729 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

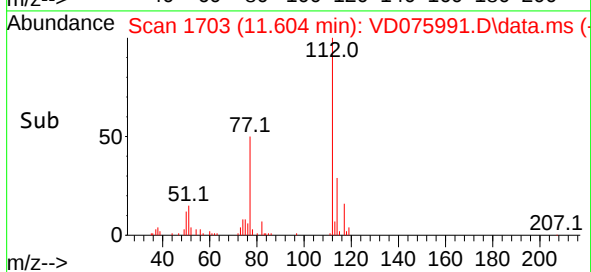
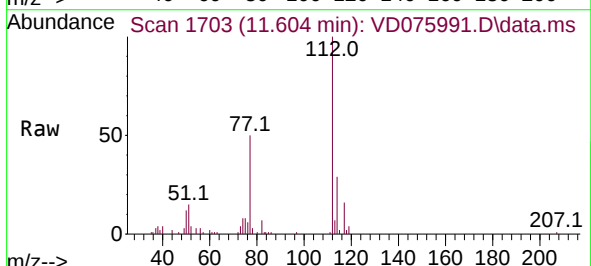
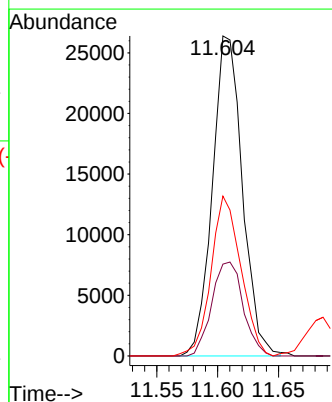
Tgt Ion:112 Resp: 45253

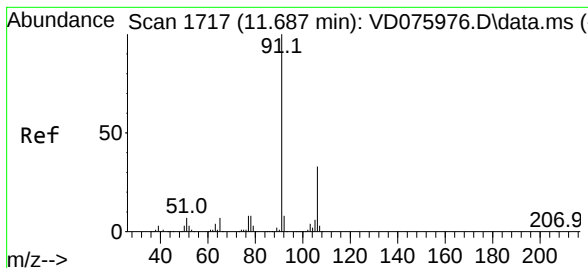
Ion Ratio Lower Upper

112 100

114 28.7 23.0 42.8

77 49.9 39.7 59.5

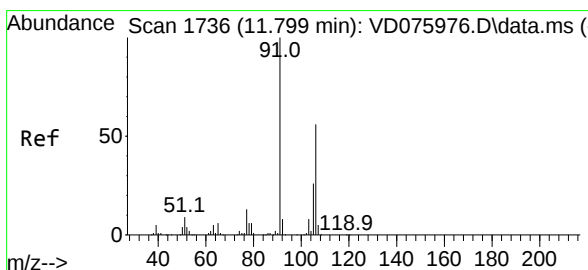
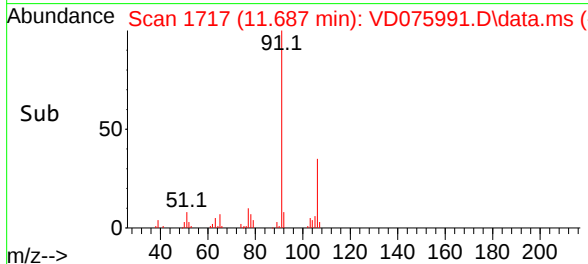
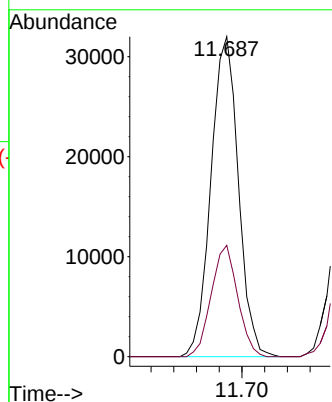
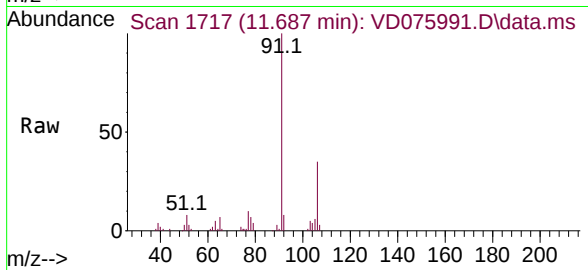




#52
Ethylbenzene
Concen: 17.198 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

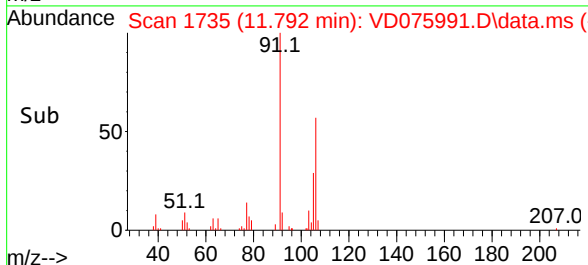
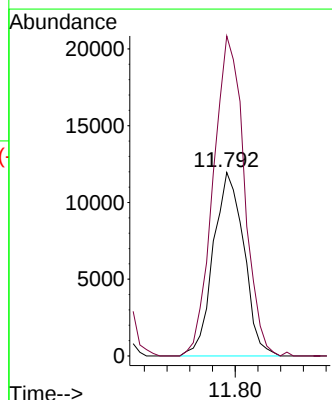
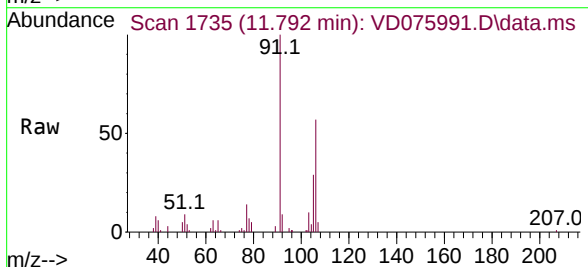
Instrument :
MSVOA_D
ClientSampleId :

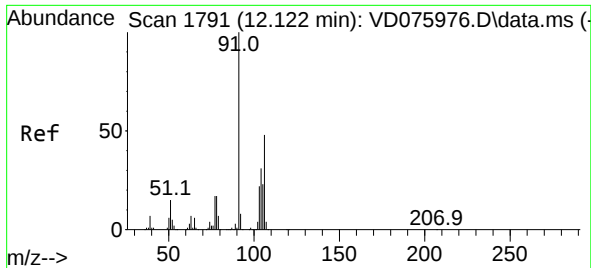
Tgt Ion: 91 Resp: 53671
Ion Ratio Lower Upper
91 100
106 34.8 23.7 43.9



#53
m,p-Xylene
Concen: 17.981 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion: 106 Resp: 22344
Ion Ratio Lower Upper
106 100
91 174.3 130.9 243.1

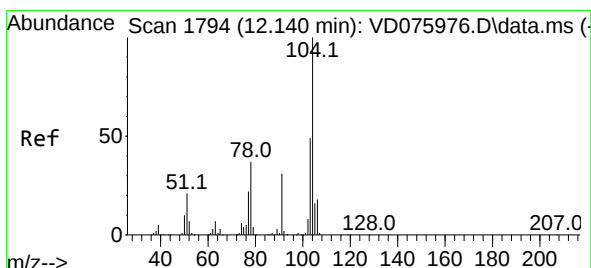
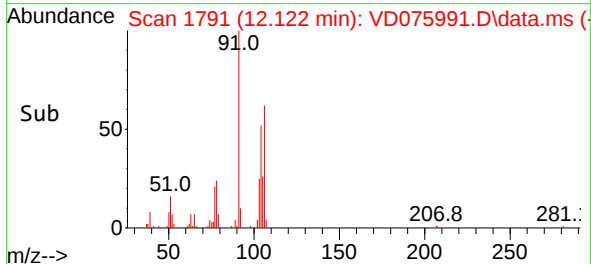
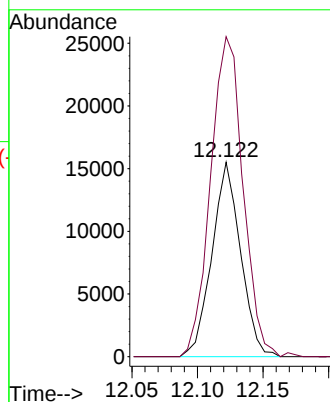
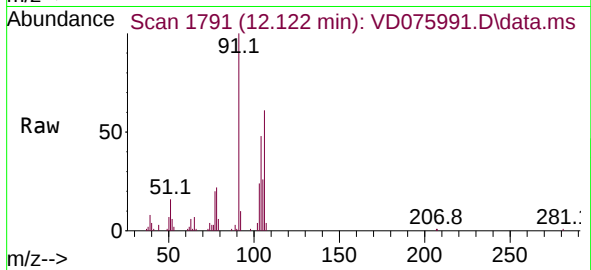




#54
o-Xylene
Concen: 19.973 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

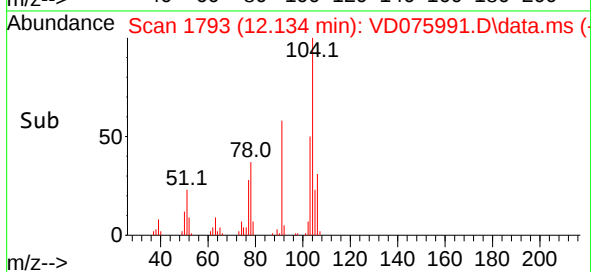
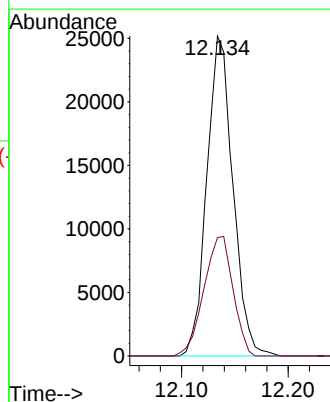
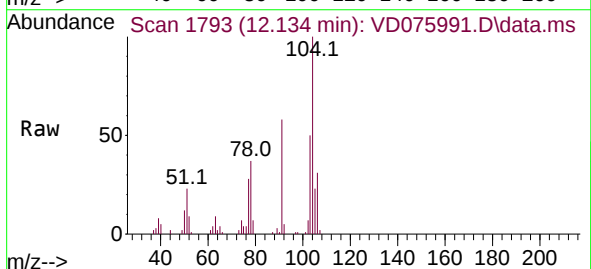
Instrument :
MSVOA_D
ClientSampleId :

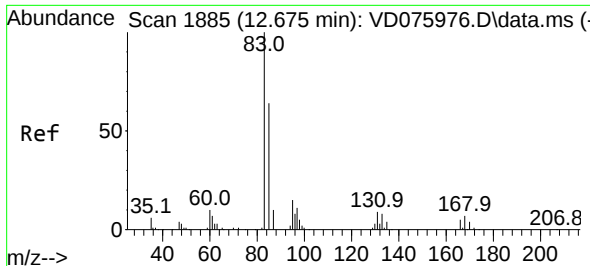
Tgt Ion:106 Resp: 23574
Ion Ratio Lower Upper
106 100
91 164.6 139.8 259.6



#55
Styrene
Concen: 20.906 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion:104 Resp: 42946
Ion Ratio Lower Upper
104 100
78 37.0 26.2 48.6

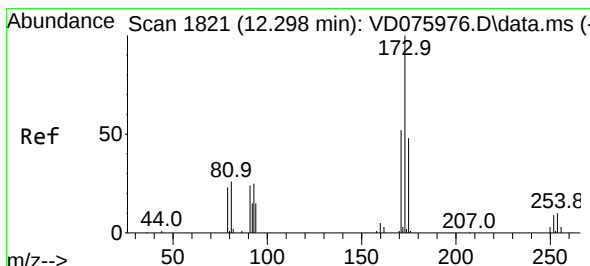
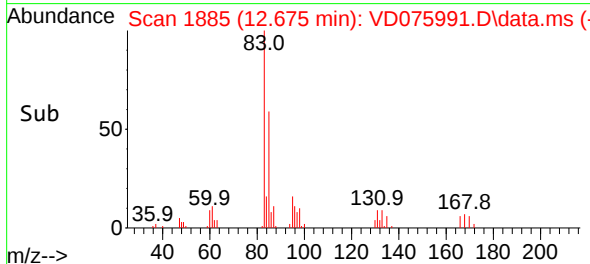
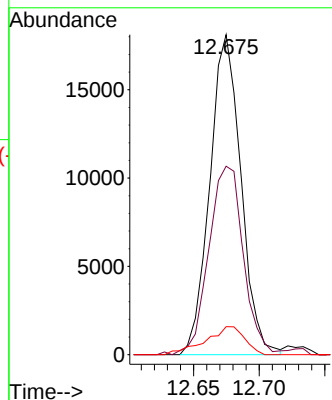
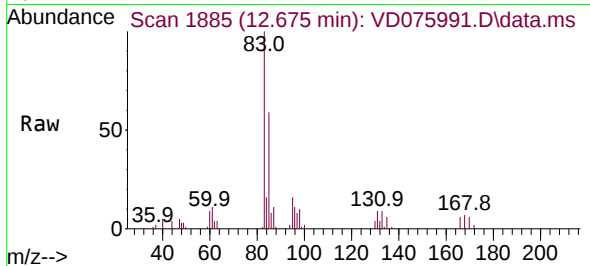




#57
1,1,2,2-Tetrachloroethane
Concen: 53.527 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

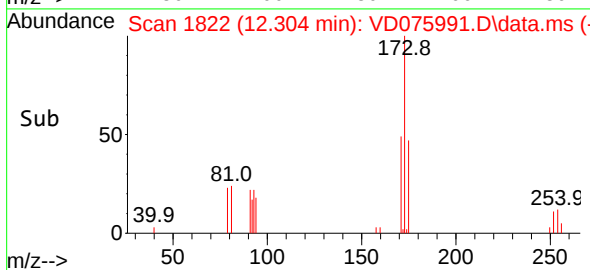
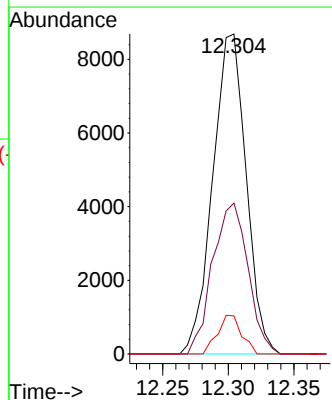
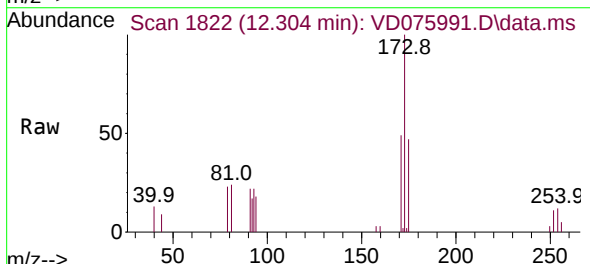
Instrument :
MSVOA_D
ClientSampleId :

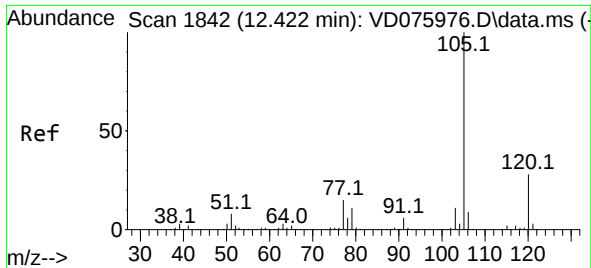
Tgt Ion: 83 Resp: 29932
Ion Ratio Lower Upper
83 100
85 58.9 45.1 83.7
131 8.7 7.0 10.6



#59
Bromoform
Concen: 42.040 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

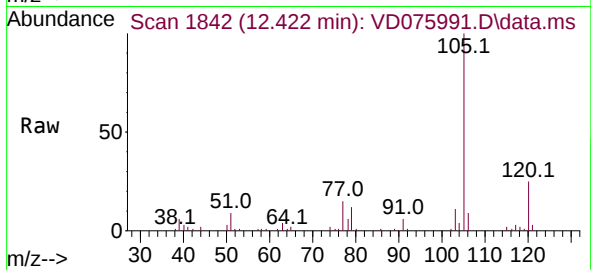
Tgt Ion: 173 Resp: 15381
Ion Ratio Lower Upper
173 100
175 49.9 39.4 59.0
254 8.7 7.4 11.2



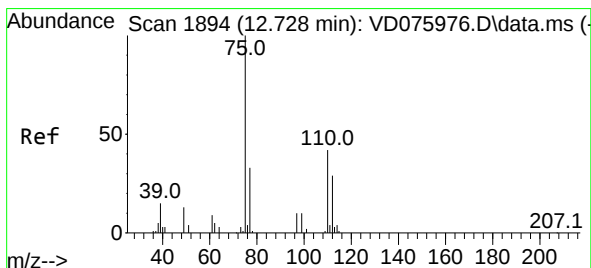
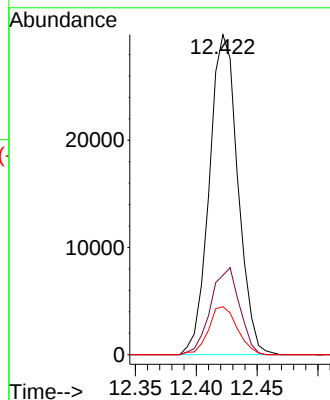
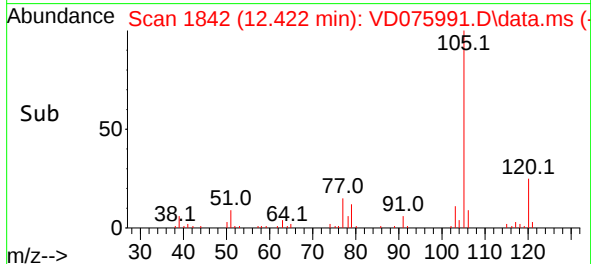


#60
Isopropylbenzene
Concen: 15.405 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

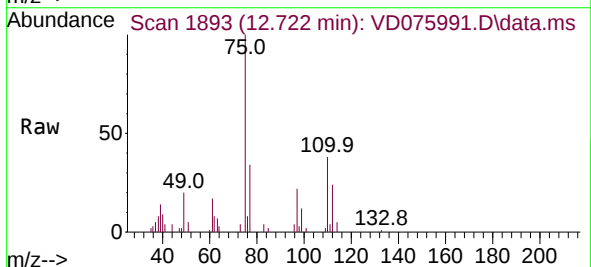
Instrument :
MSVOA_D
ClientSampleId :



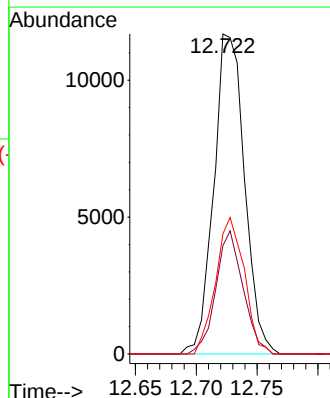
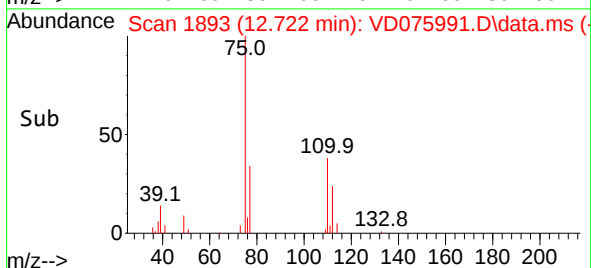
Tgt Ion:105 Resp: 48763
Ion Ratio Lower Upper
105 100
120 27.5 22.7 34.1
77 15.1 10.9 16.3

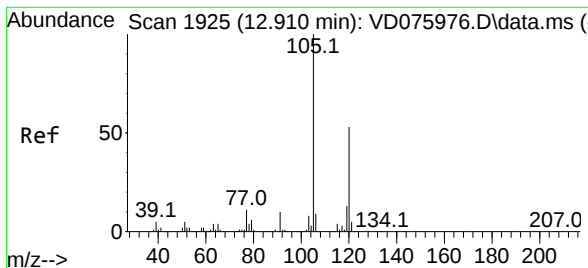


#61
1,2,3-Trichloropropane
Concen: 54.746 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56



Tgt Ion: 75 Resp: 20530
Ion Ratio Lower Upper
75 100
77 34.1 26.6 39.8
110 39.7 33.5 50.3

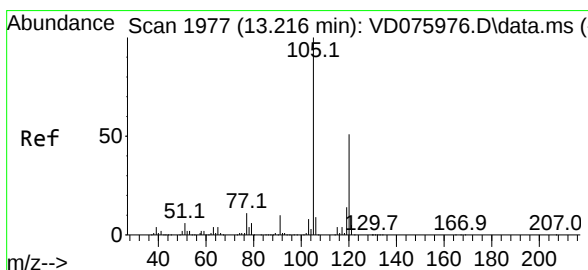
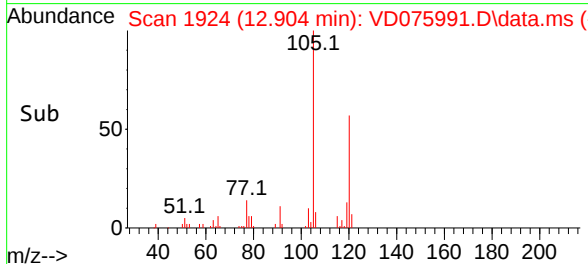
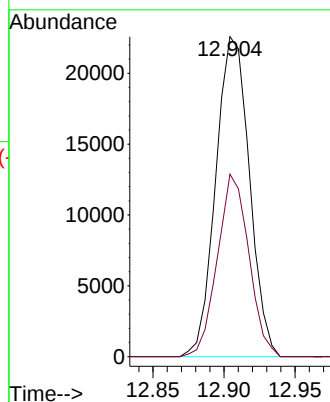
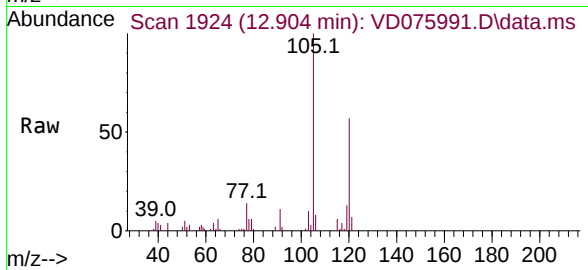




#62
1,3,5-Trimethylbenzene
Concen: 15.759 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

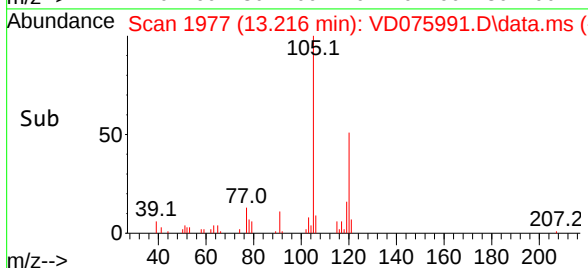
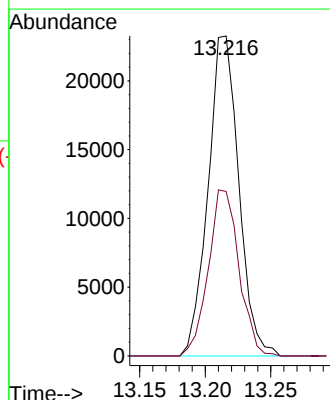
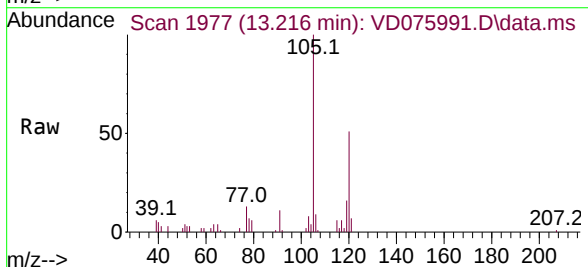
Instrument :
MSVOA_D
ClientSampleId :

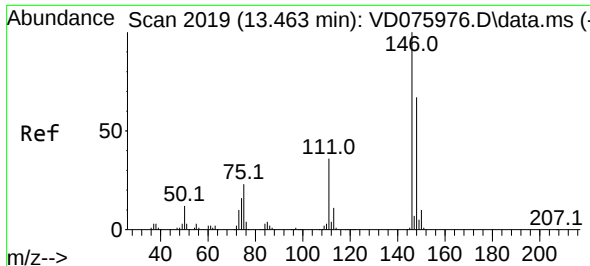
Tgt Ion:105 Resp: 37198
Ion Ratio Lower Upper
105 100
120 53.3 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 16.671 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion:105 Resp: 37932
Ion Ratio Lower Upper
105 100
120 51.8 39.0 58.6

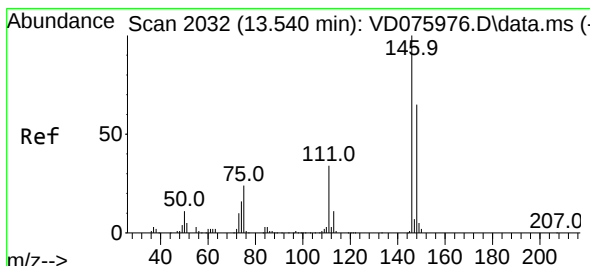
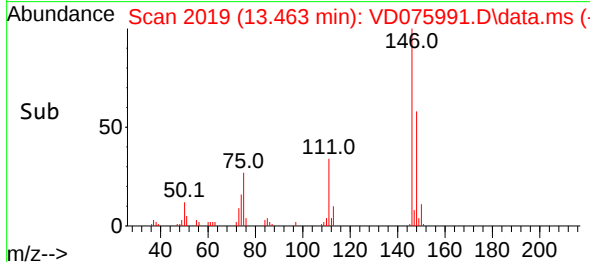
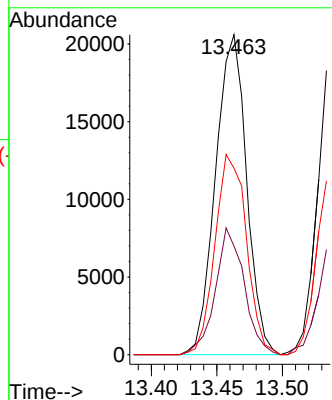
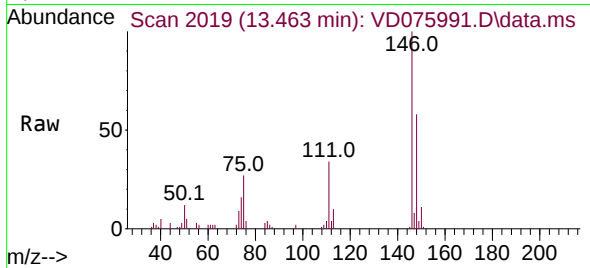




#64
1,3-Dichlorobenzene
Concen: 22.401 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

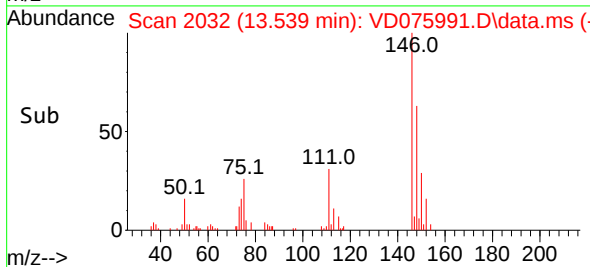
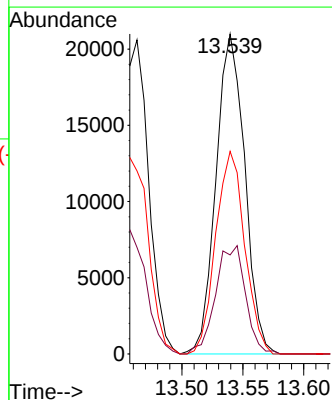
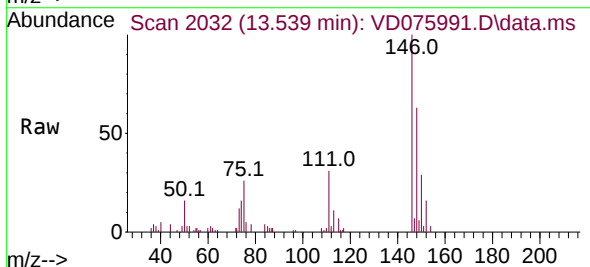
Instrument :
MSVOA_D
ClientSampleId :

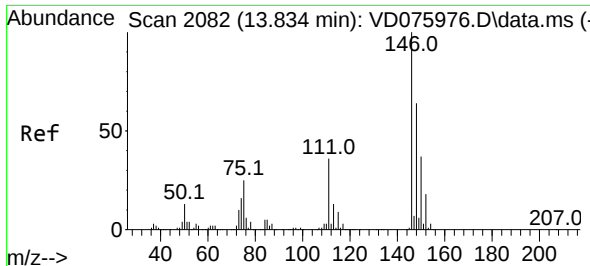
Tgt Ion:146 Resp: 33927
Ion Ratio Lower Upper
146 100
111 33.9 26.5 49.1
148 58.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 21.689 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion:146 Resp: 34476
Ion Ratio Lower Upper
146 100
111 30.9 24.6 45.8
148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.884 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

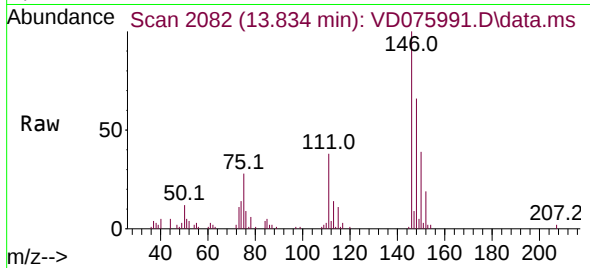
Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

ClientSampleId :



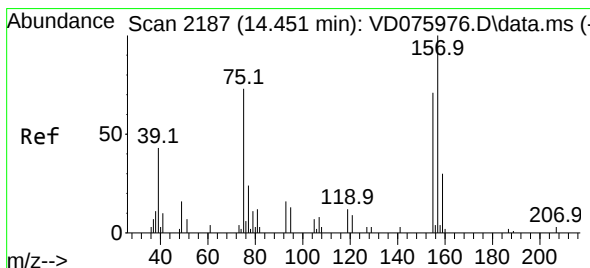
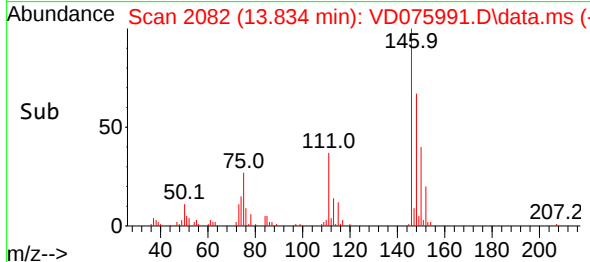
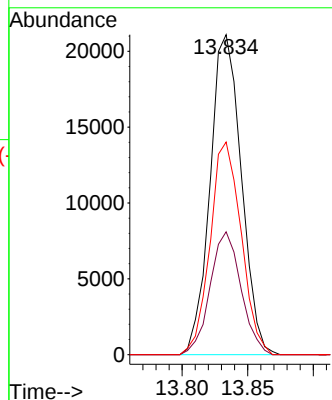
Tgt Ion:146 Resp: 35009

Ion Ratio Lower Upper

146 100

111 38.4 30.6 46.0

148 66.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 58.532 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

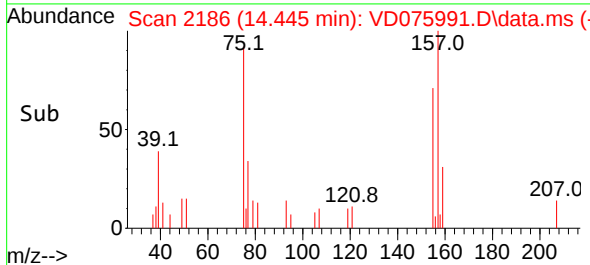
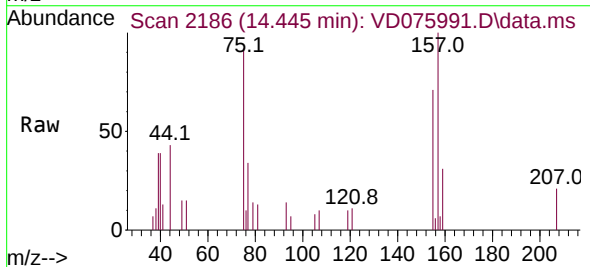
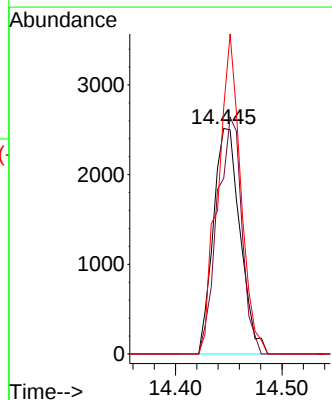
Tgt Ion: 75 Resp: 4388

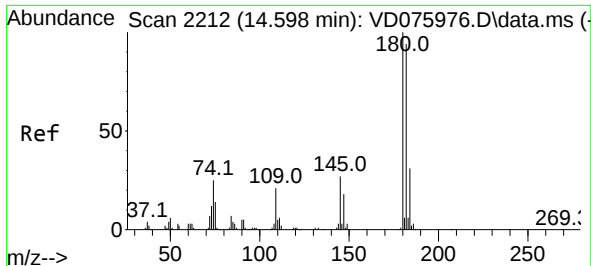
Ion Ratio Lower Upper

75 100

155 77.9 74.6 111.8

157 109.2 109.4 164.2#





#69

1,3,5-Trichlorobenzene

Concen: 20.497 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 20807

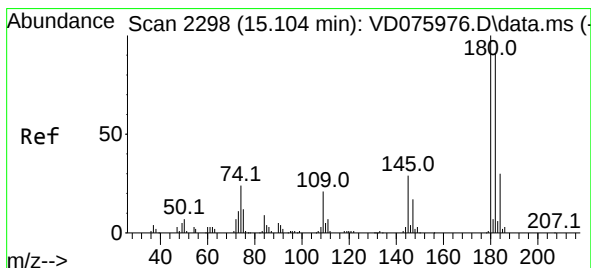
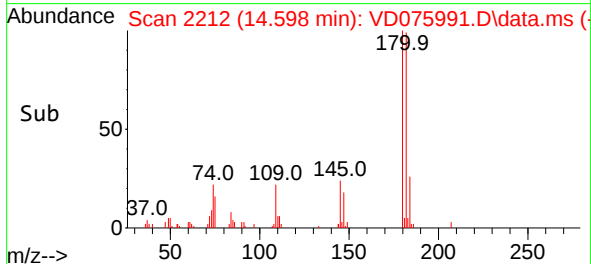
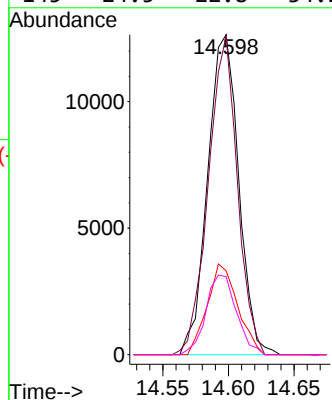
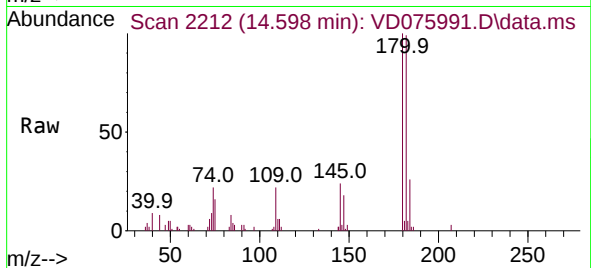
Ion Ratio Lower Upper

180 100

182 93.0 74.9 112.3

184 27.9 25.0 37.4

145 24.5 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 20.370 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075991.D

Acq: 03 May 2023 19:56

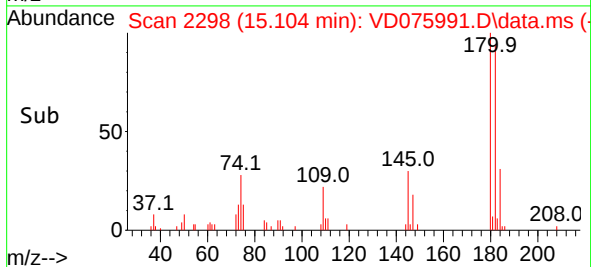
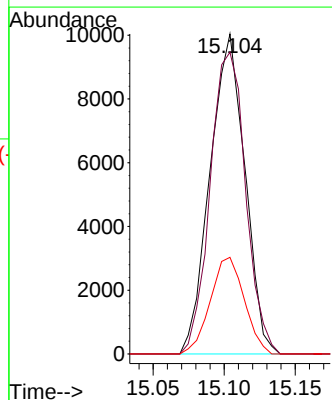
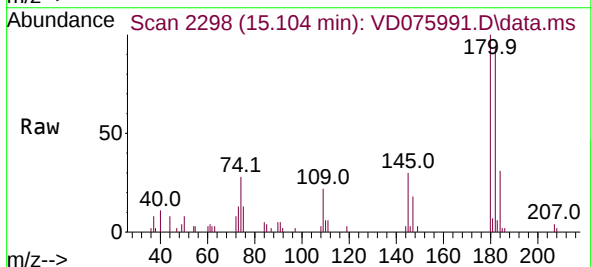
Tgt Ion:180 Resp: 17136

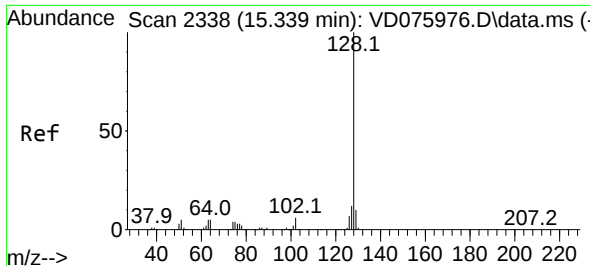
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.2

145 29.5 23.6 35.4

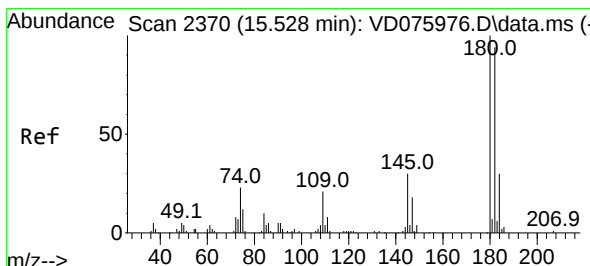
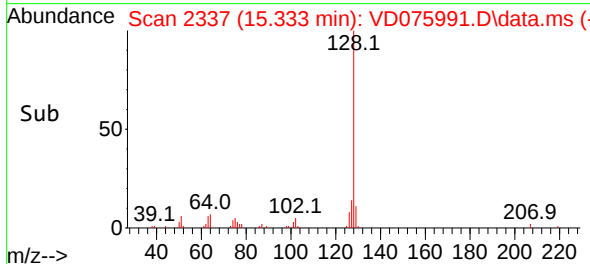
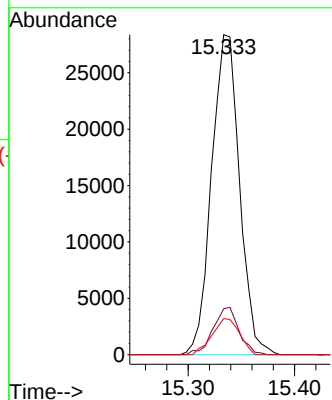
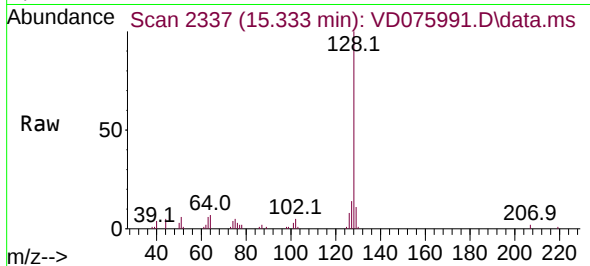




#71
Naphthalene
Concen: 33.605 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.0	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 24.607 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075991.D
Acq: 03 May 2023 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.3	114.5
145	29.3	25.0	37.6

