

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
 Data File : VD076624.D
 Acq On : 28 Jun 2023 18:55
 Operator : KP/SY
 Sample : 03422-14MSD
 Misc : 5.19G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46K7MSD

Quant Time: Jun 29 01:31:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	205337	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	182869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	92799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	112503	22.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.000%
7) Chloroethane-d5	2.793	69	90309	22.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	3.911	65	31880	24.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.680%
21) 2-Butanone-d5	6.987	46	45988	60.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.440%
24) Chloroform-d	7.569	84	134441	24.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.228	65	72932	27.328	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.320%
32) Benzene-d6	8.199	84	265707	23.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	9.204	67	86912	24.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.360%
41) Toluene-d8	10.269	98	244342	23.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.522	79	38374	25.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.360%
47) 2-Hexanone-d5	10.875	63	32857	59.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.560%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76740	30.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.840%#
66) 1,2-Dichlorobenzene-d4	13.816	152	79646	23.415	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	93439	29.203	ug/L	98
3) Chloromethane	2.146	50	143860	27.046	ug/L	98
5) Vinyl chloride	2.275	62	142373	24.812	ug/L	98
6) Bromomethane	2.681	94	60036	18.890	ug/L	95
8) Chloroethane	2.828	64	86813	24.699	ug/L	100
9) Trichlorofluoromethane	3.164	101	122093	29.428	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	76323	28.360	ug/L	98
12) 1,1-Dichloroethene	3.934	96	68526	25.714	ug/L	91
13) Acetone	4.022	43	34013	55.606	ug/L	86
14) Carbon disulfide	4.258	76	240743	24.921	ug/L	98
15) Methyl Acetate	4.563	43	43389	31.073	ug/L	99
16) Methylene chloride	4.799	84	79178	22.185	ug/L	90
17) trans-1,2-Dichloroethene	5.305	96	76122	25.621	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	187764	27.759	ug/L #	89
19) 1,1-Dichloroethane	6.099	63	140902	25.940	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	84399	25.436	ug/L	90
22) 2-Butanone	7.087	43	52500	53.184	ug/L	87
23) Bromochloromethane	7.422	128	38907	27.628	ug/L	90
25) Chloroform	7.593	83	140654	26.533	ug/L	96

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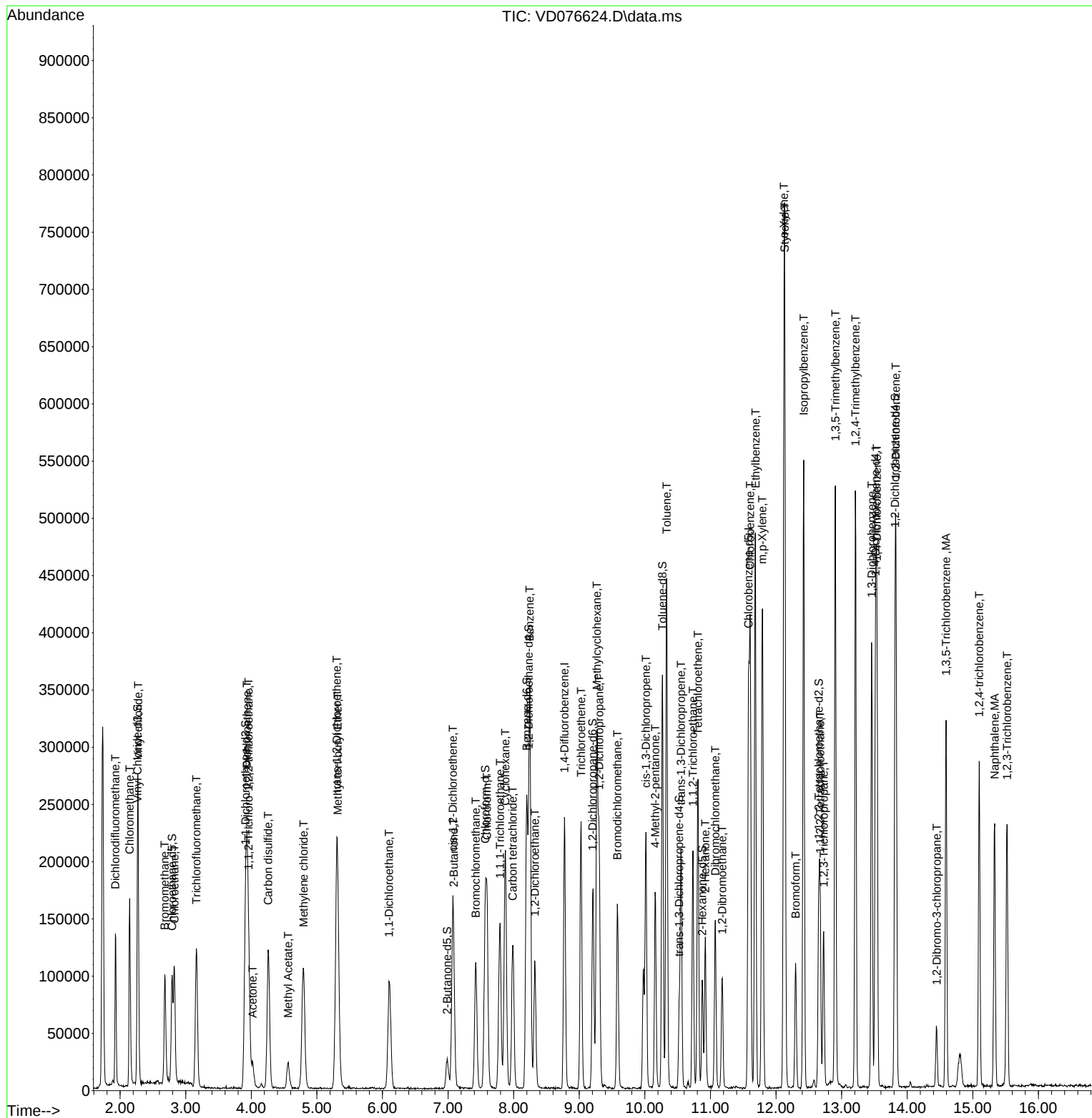
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	91814	28.163	ug/L	99
29) Cyclohexane	7.875	56	119449	24.563	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	116192	27.351	ug/L	100
31) Carbon tetrachloride	7.987	117	95944	28.239	ug/L	99
33) Benzene	8.246	78	310458	25.651	ug/L	100
34) Trichloroethene	9.028	95	78328	25.194	ug/L	91
35) Methylcyclohexane	9.269	83	127231	25.377	ug/L	96
37) 1,2-Dichloropropane	9.304	63	82083	24.876	ug/L	98
38) Bromodichloromethane	9.581	83	103002	27.369	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	128789	25.561	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	117932	57.452	ug/L	98
42) Toluene	10.334	91	330287	25.537	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	112349	27.432	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	64291	28.406	ug/L	96
46) Tetrachloroethene	10.810	164	62806	25.696	ug/L	94
48) 2-Hexanone	10.922	43	84352	60.001	ug/L	99
49) Dibromochloromethane	11.075	129	74412	28.930	ug/L	97
50) 1,2-Dibromoethane	11.181	107	65164	29.664	ug/L #	92
51) Chlorobenzene	11.604	112	207263	25.668	ug/L	95
52) Ethylbenzene	11.687	91	352241	25.267	ug/L	99
53) m,p-Xylene	11.792	106	139641	25.489	ug/L	91
54) o-Xylene	12.122	106	134202	25.727	ug/L	97
55) Styrene	12.134	104	233029	25.857	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	77676	30.030	ug/L	100
59) Bromoform	12.298	173	45562	27.426	ug/L #	97
60) Isopropylbenzene	12.422	105	346346	24.401	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	54124	30.053	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	272702	24.013	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	271706	24.246	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	157866	25.000	ug/L	100
65) 1,4-Dichlorobenzene	13.539	146	158197	24.853	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	140793	25.028	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12330	30.721	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	93895	22.292	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	85630	22.849	ug/L	99
71) Naphthalene	15.333	128	194070	27.048	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	76072	23.375	ug/L	99

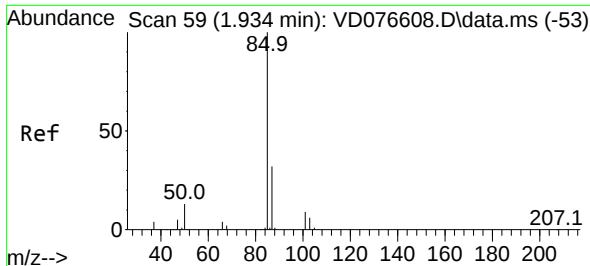
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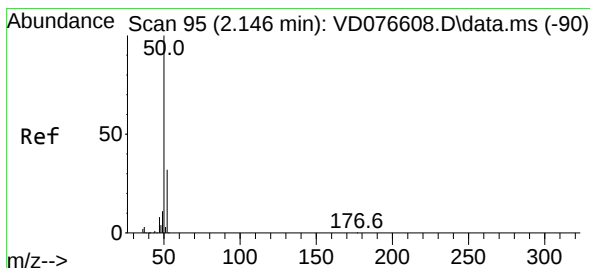
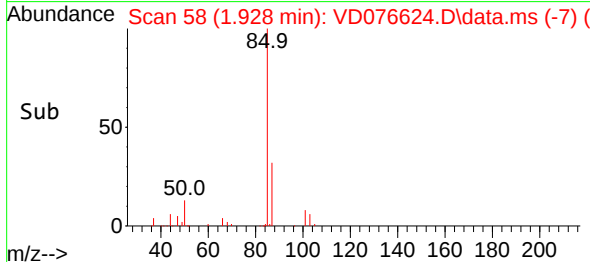
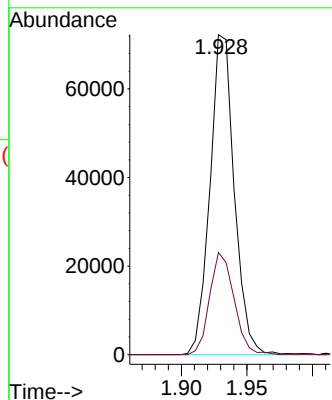
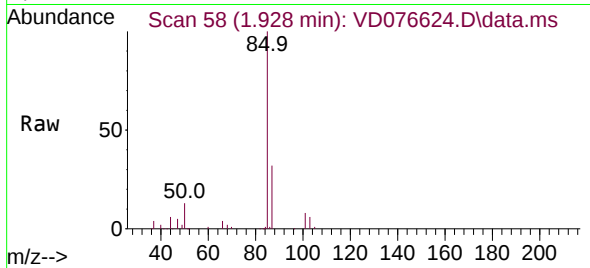




#2
Dichlorodifluoromethane
Concen: 29.203 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

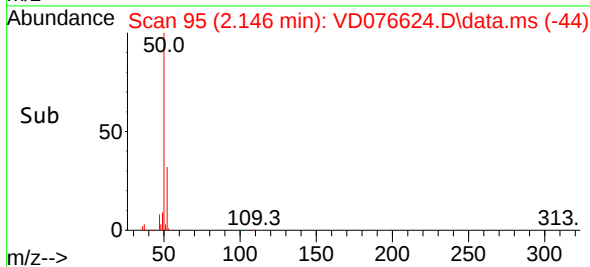
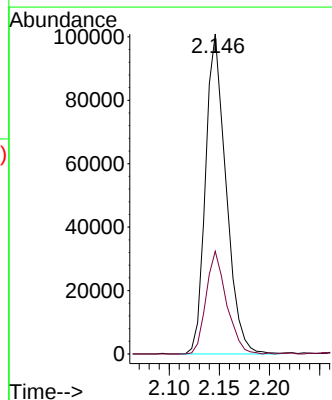
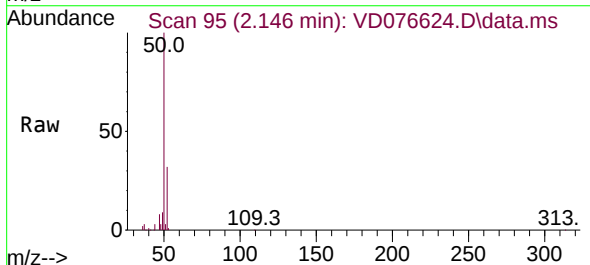
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ClientSampleId :
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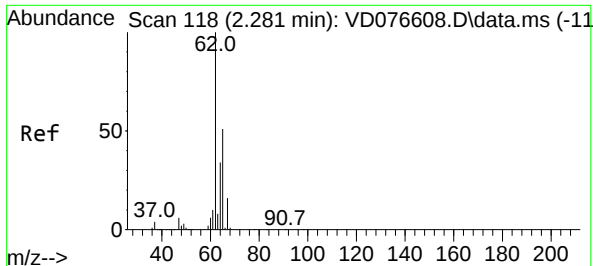
Tgt Ion: 85 Resp: 93439
Ion Ratio Lower Upper
85 100
87 31.9 26.3 39.5



#3
Chloromethane
Concen: 27.046 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion: 50 Resp: 143860
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

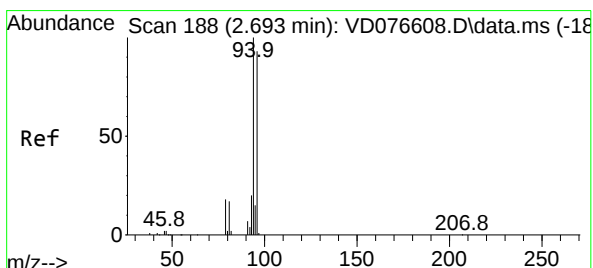
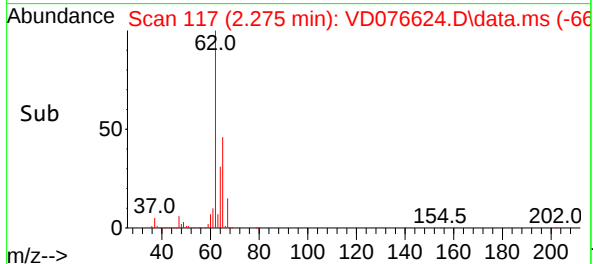
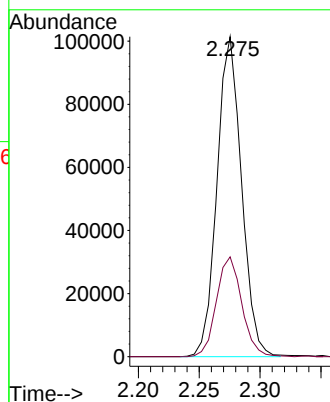
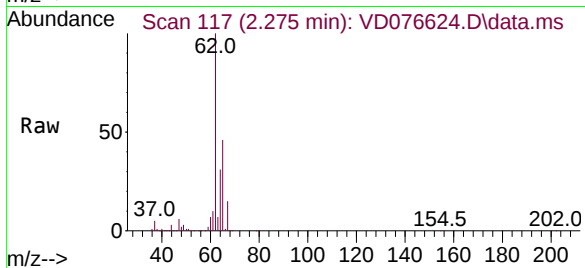




#5
 Vinyl chloride
 Concen: 24.812 ug/L
 RT: 2.275 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076624.D
 Acq: 28 Jun 2023 18:55

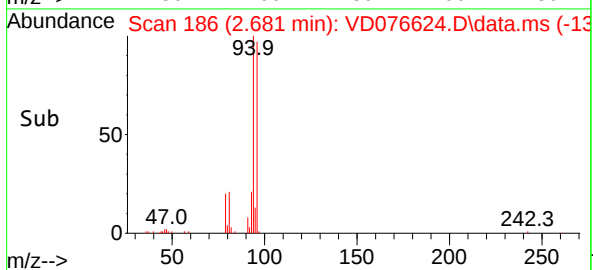
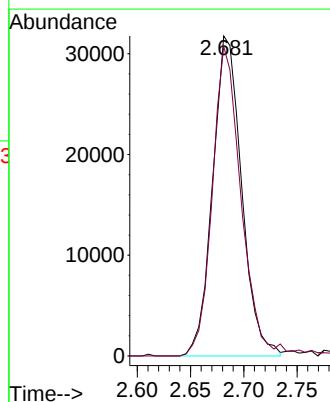
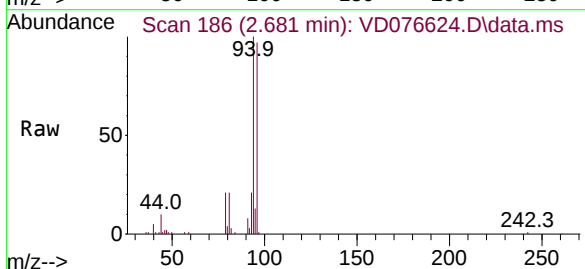
Instrument :
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 ClientSampleId :
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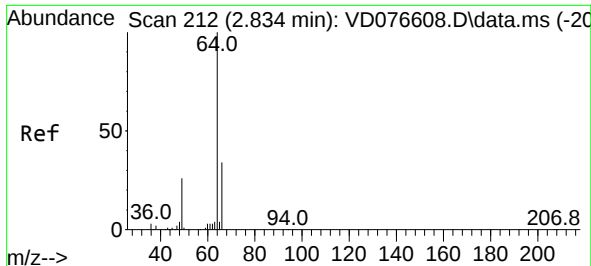
Tgt Ion: 62 Resp: 142373
 Ion Ratio Lower Upper
 62 100
 64 31.2 21.1 39.1



#6
 Bromomethane
 Concen: 18.890 ug/L
 RT: 2.681 min Scan# 186
 Delta R.T. -0.006 min
 Lab File: VD076624.D
 Acq: 28 Jun 2023 18:55

Tgt Ion: 94 Resp: 60036
 Ion Ratio Lower Upper
 94 100
 96 96.7 64.7 120.1

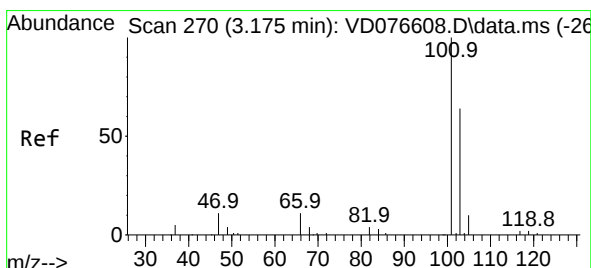
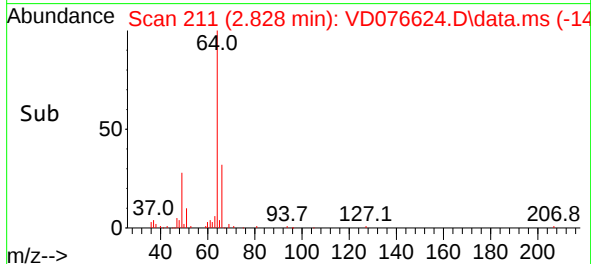
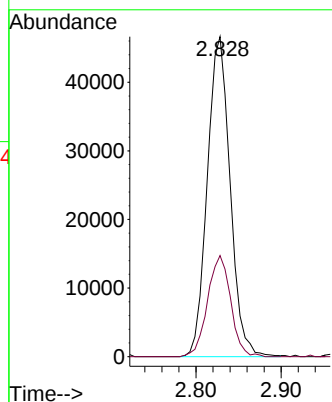
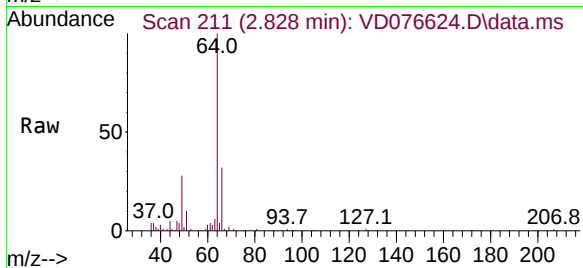




#8
Chloroethane
Concen: 24.699 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

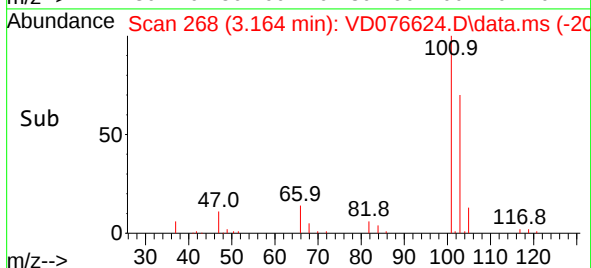
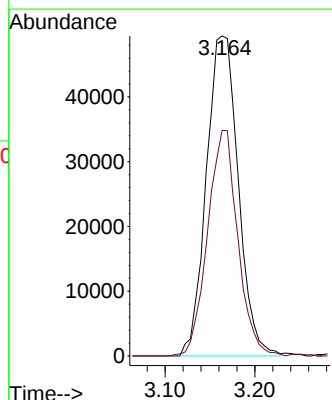
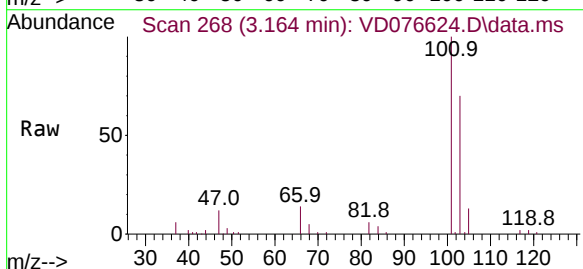
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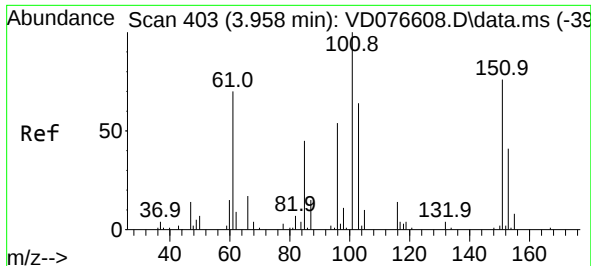
Tgt Ion: 64 Resp: 86813
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.428 ug/L
RT: 3.164 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:101 Resp: 122093
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.6

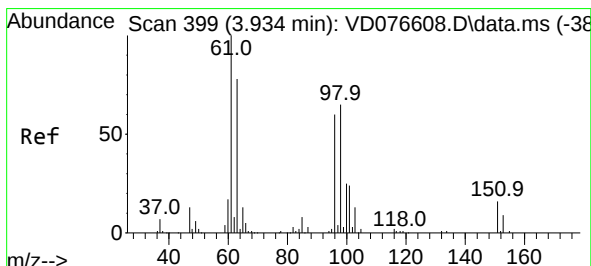
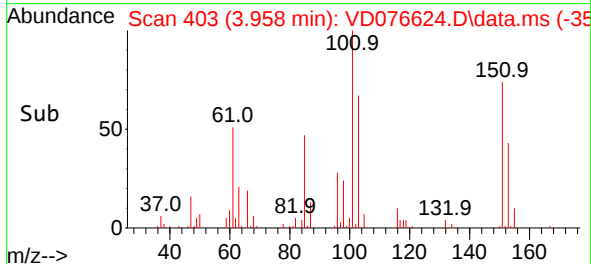
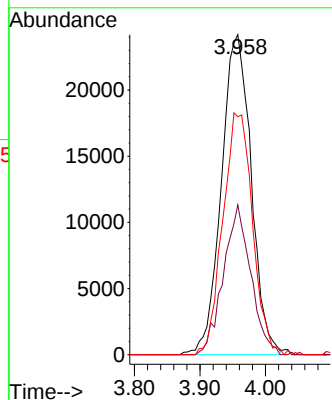
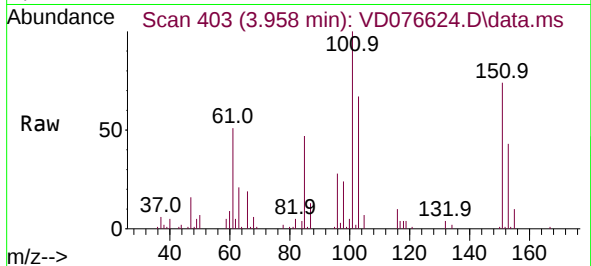




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.360 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

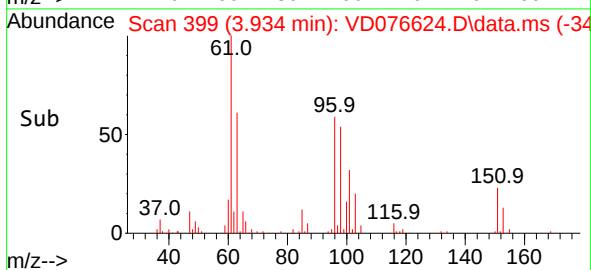
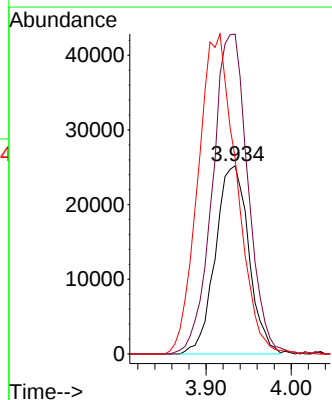
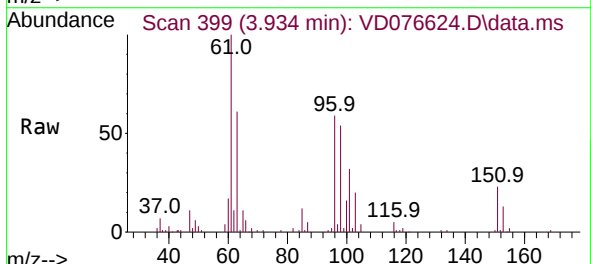
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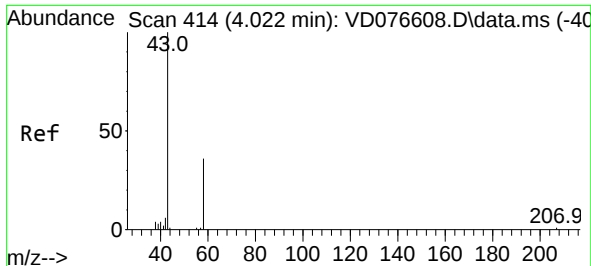
Tgt Ion:101 Resp: 76323
Ion Ratio Lower Upper
101 100
85 43.0 35.5 53.3
151 74.8 58.6 87.8



#12
1,1-Dichloroethene
Concen: 25.714 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion: 96 Resp: 68526
Ion Ratio Lower Upper
96 100
61 170.0 113.0 209.8
63 104.4 83.6 155.2





#13

Acetone

Concen: 55.606 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

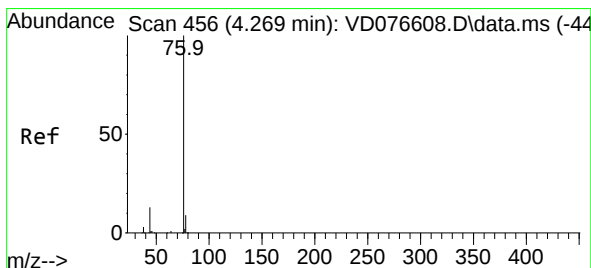
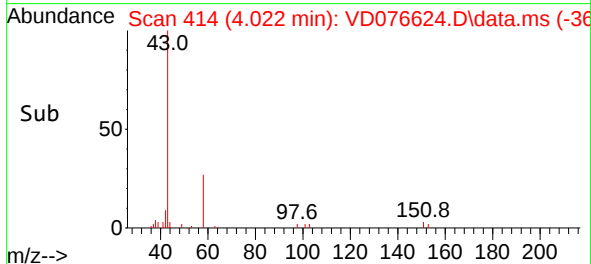
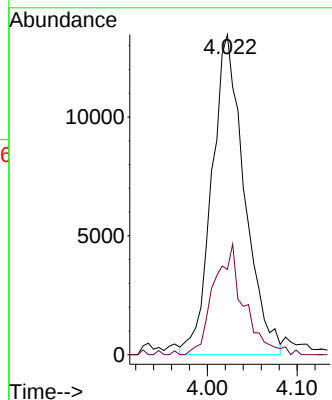
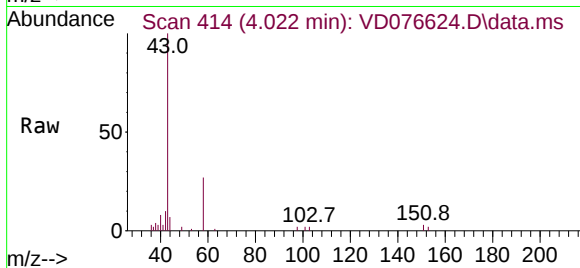
A46K7MSD

Tgt Ion: 43 Resp: 34013

Ion Ratio Lower Upper

43 100

58 25.9 0.0 67.4



#14

Carbon disulfide

Concen: 24.921 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD076624.D

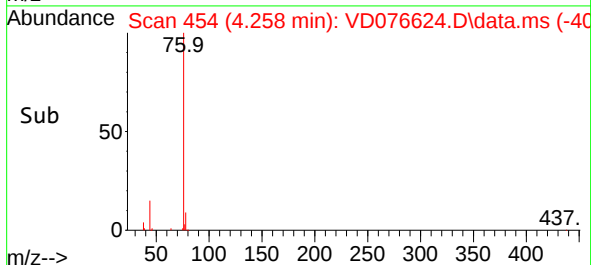
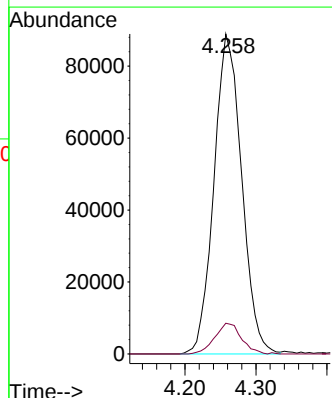
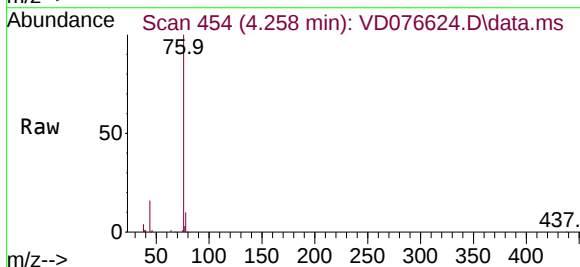
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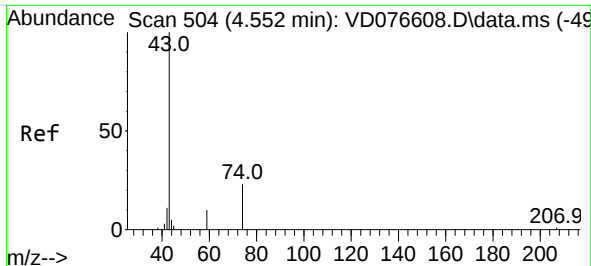
Tgt Ion: 76 Resp: 240743

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

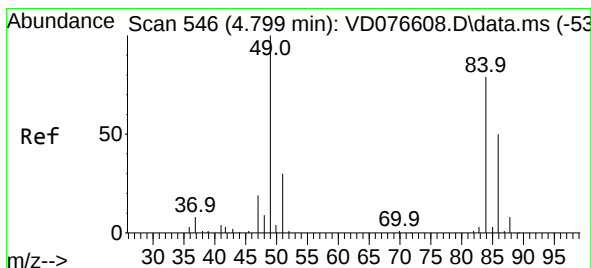
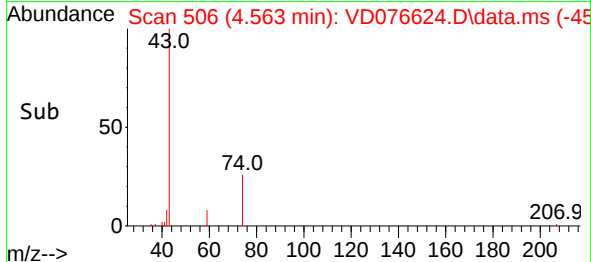
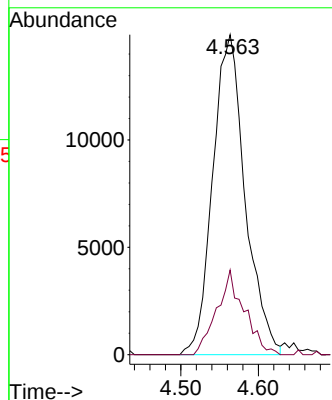
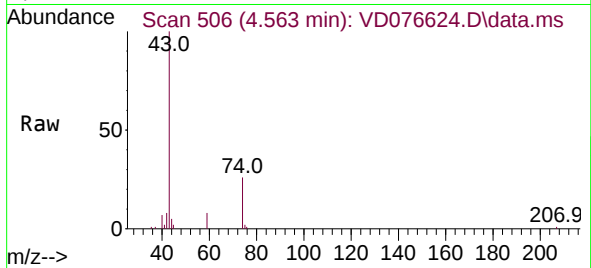




#15
Methyl Acetate
Concen: 31.073 ug/L
RT: 4.563 min Scan# 504
Delta R.T. 0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

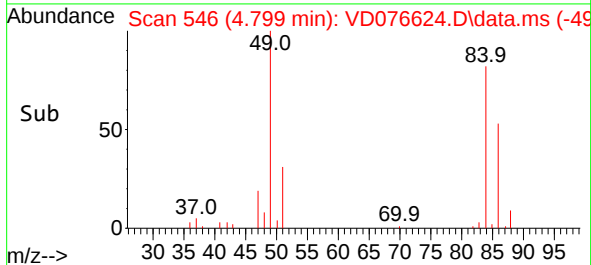
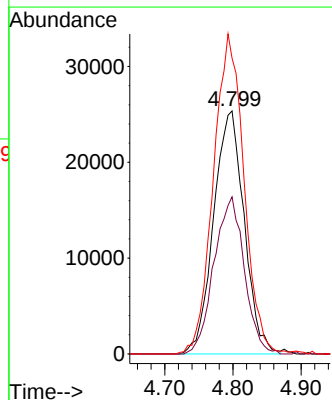
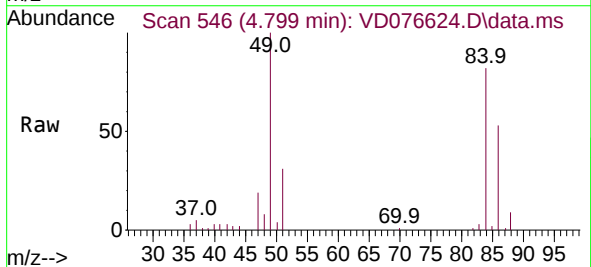
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

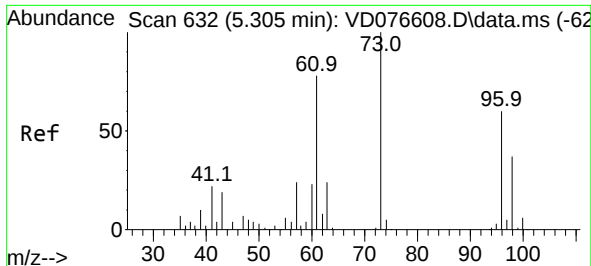
Tgt Ion: 43 Resp: 43389
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.2



#16
Methylene chloride
Concen: 22.185 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion: 84 Resp: 79178
Ion Ratio Lower Upper
84 100
86 64.7 45.1 83.9
49 121.7 97.2 180.6





#17

trans-1,2-Dichloroethene

Concen: 25.621 ug/L

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

A46K7MSD

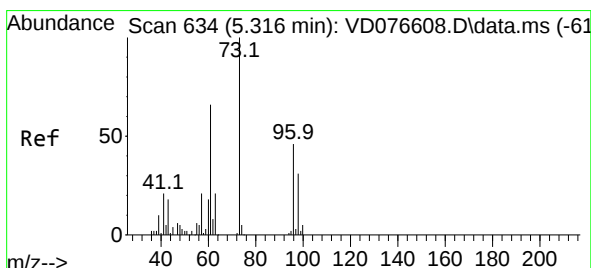
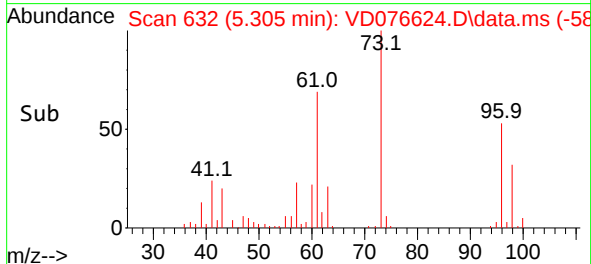
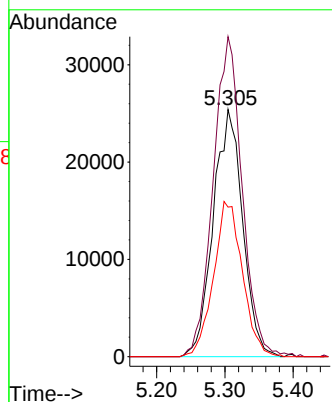
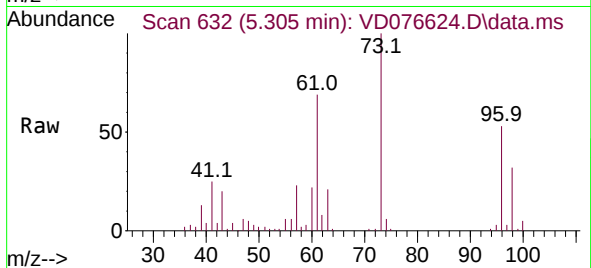
Tgt Ion: 96 Resp: 76122

Ion Ratio Lower Upper

96 100

61 129.4 94.5 175.5

98 60.5 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 27.759 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

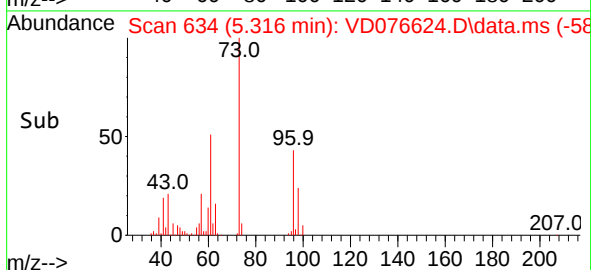
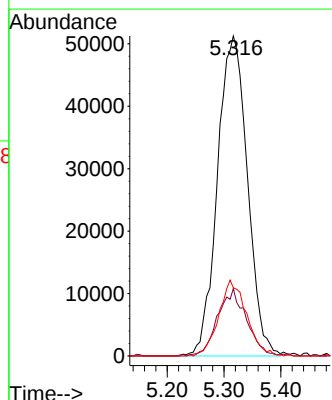
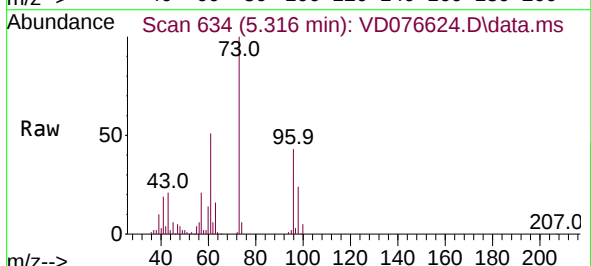
Tgt Ion: 73 Resp: 187764

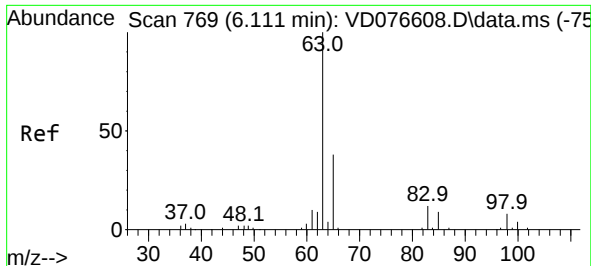
Ion Ratio Lower Upper

73 100

43 19.9 7.2 10.8#

57 21.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.940 ug/L

RT: 6.099 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

A46K7MSD

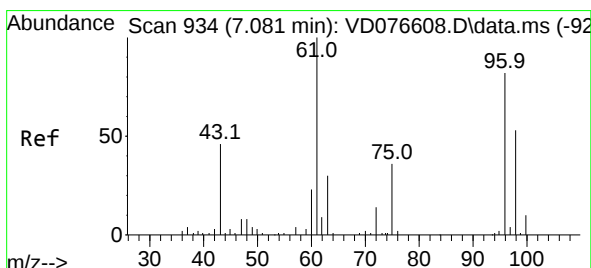
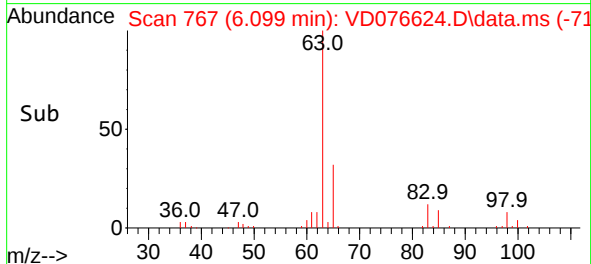
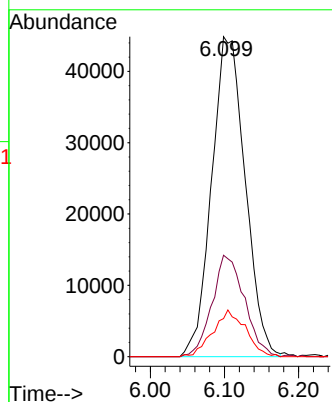
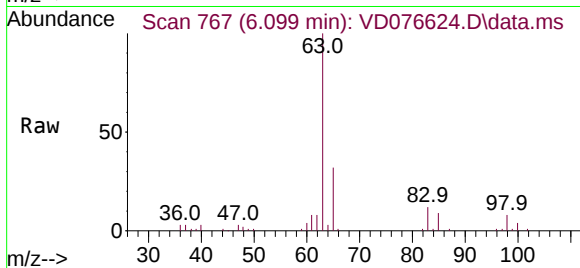
Tgt Ion: 63 Resp: 140902

Ion Ratio Lower Upper

63 100

65 31.7 20.8 38.6

83 11.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.436 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

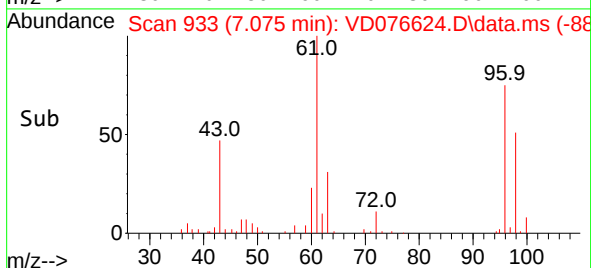
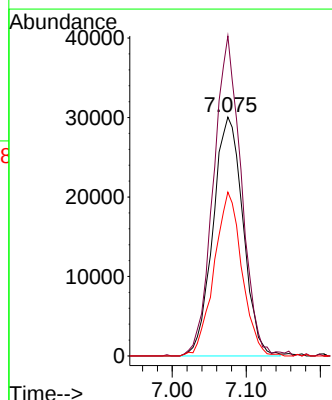
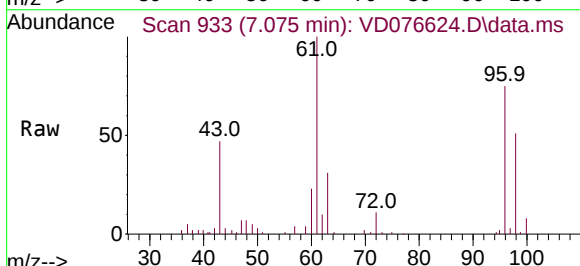
Tgt Ion: 96 Resp: 84399

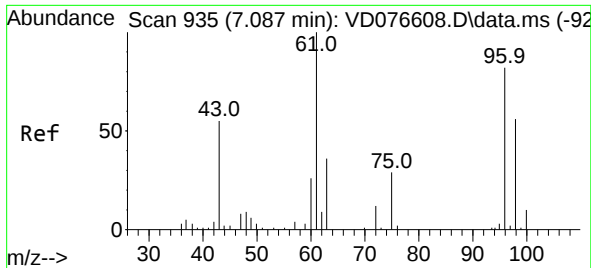
Ion Ratio Lower Upper

96 100

61 133.9 86.0 159.6

98 68.5 42.2 78.4

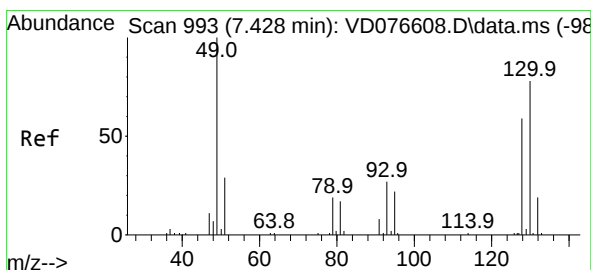
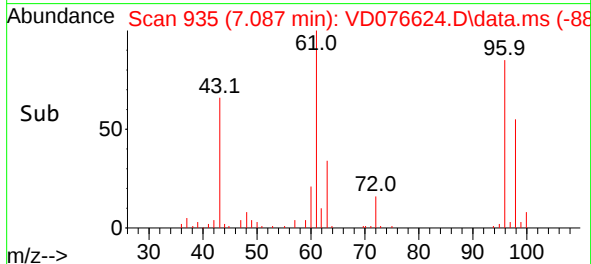
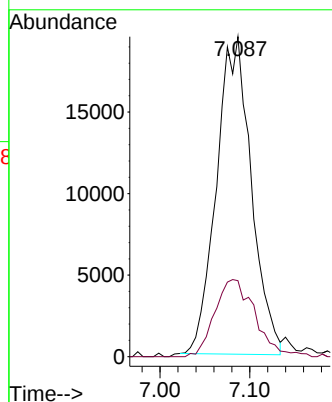
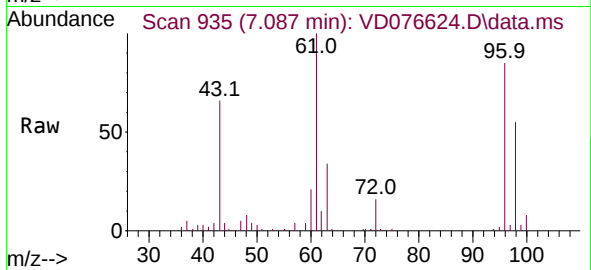




#22
2-Butanone
Concen: 53.184 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

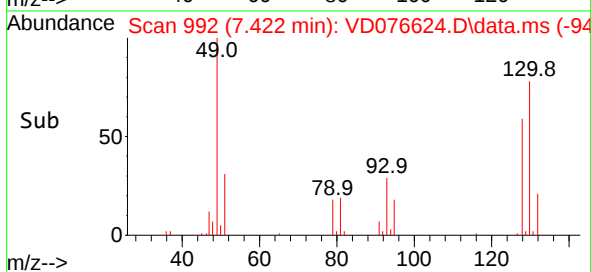
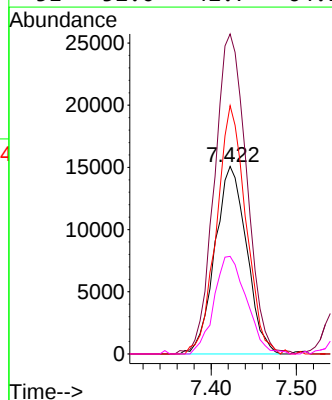
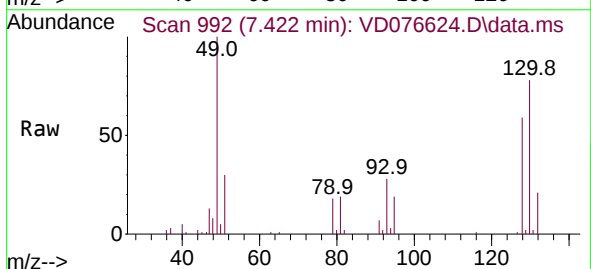
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

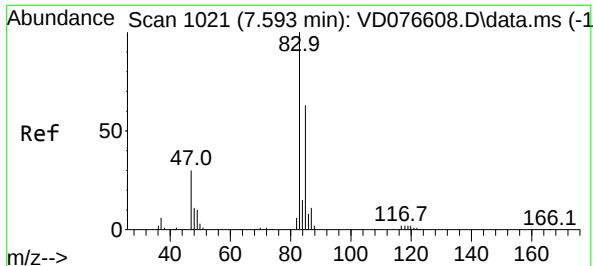
Tgt Ion: 43 Resp: 52500
Ion Ratio Lower Upper
43 100
72 19.4 12.9 38.7



#23
Bromochloromethane
Concen: 27.628 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:128 Resp: 38907
Ion Ratio Lower Upper
128 100
49 170.7 124.7 231.7
130 135.8 80.0 148.6
51 52.0 42.7 64.1





#25

Chloroform

Concen: 26.533 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

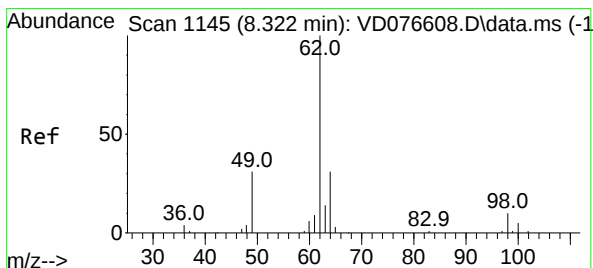
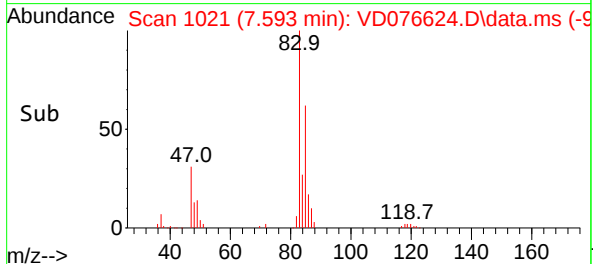
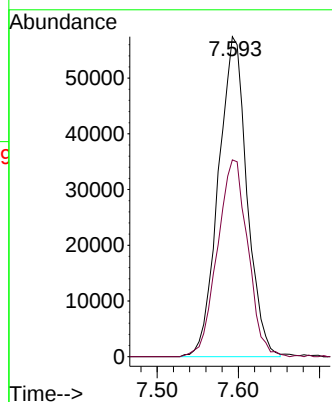
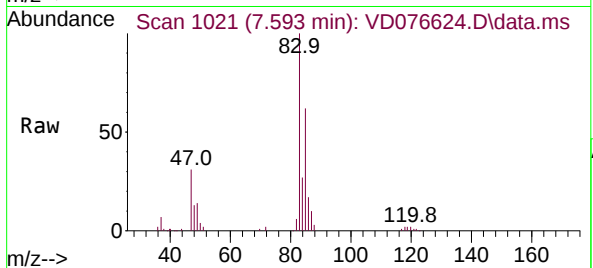
A46K7MSD

Tgt Ion: 83 Resp: 140654

Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 28.163 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076624.D

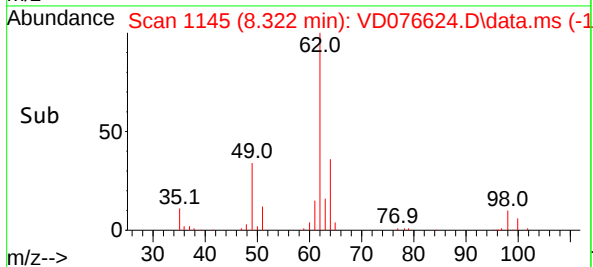
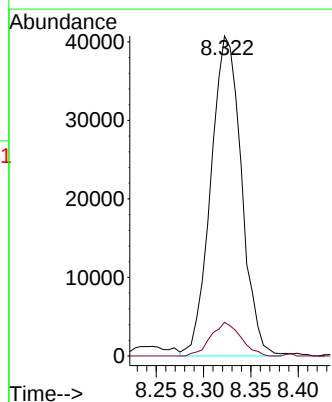
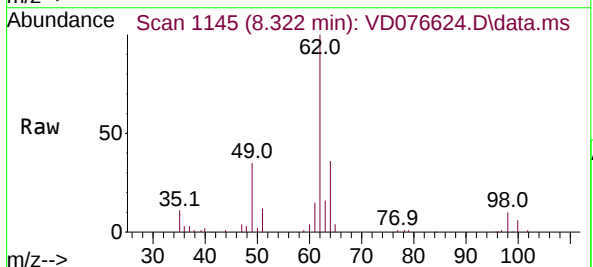
Acq: 28 Jun 2023 18:55

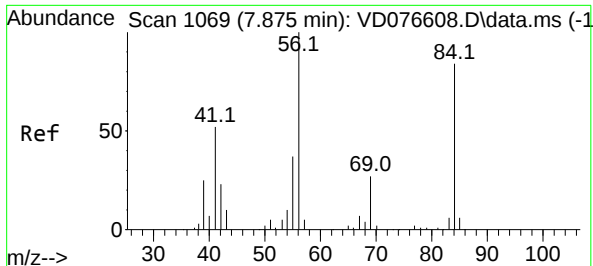
Tgt Ion: 62 Resp: 91814

Ion Ratio Lower Upper

62 100

98 10.5 8.7 13.1





#29

Cyclohexane

Concen: 24.563 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

A46K7MSD

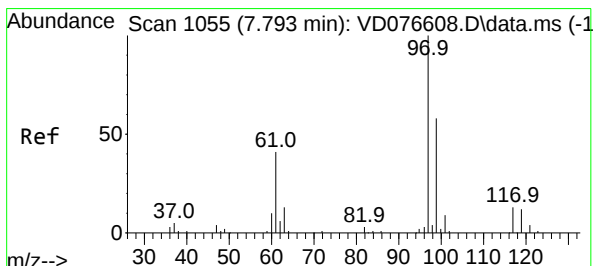
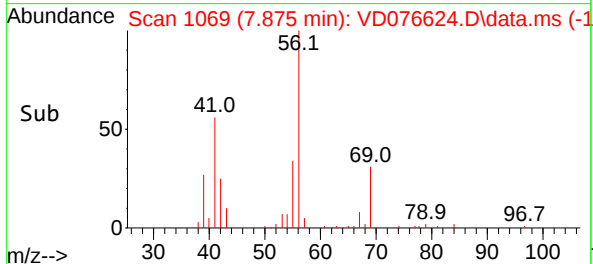
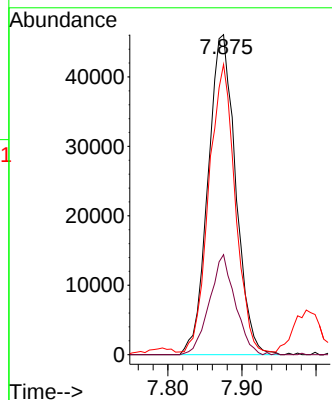
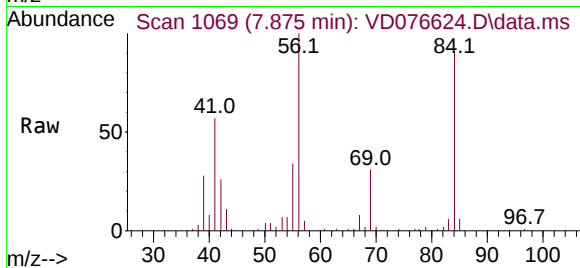
Tgt Ion: 56 Resp: 119449

Ion Ratio Lower Upper

56 100

69 28.9 23.4 35.0

84 87.3 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 27.351 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

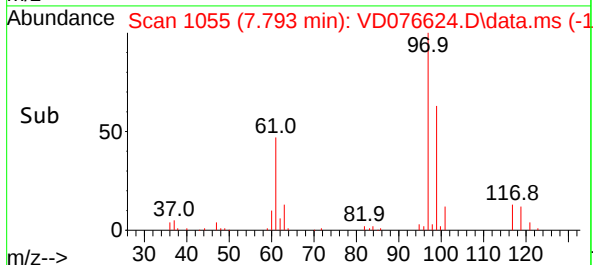
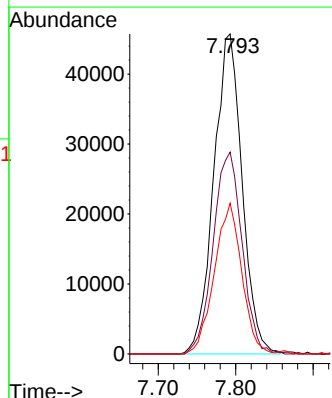
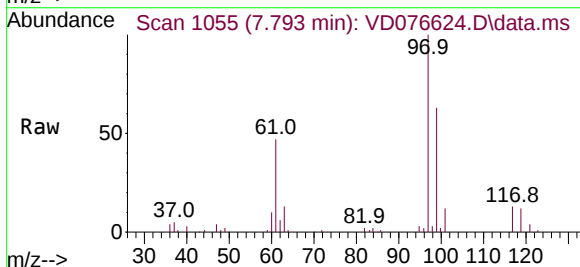
Tgt Ion: 97 Resp: 116192

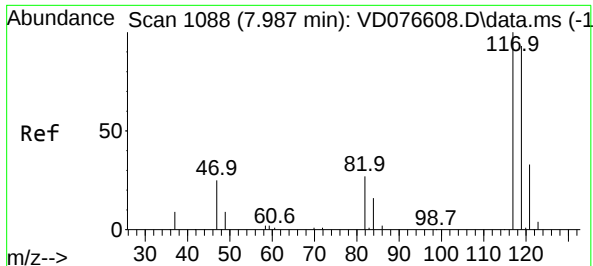
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 45.6 36.4 54.6

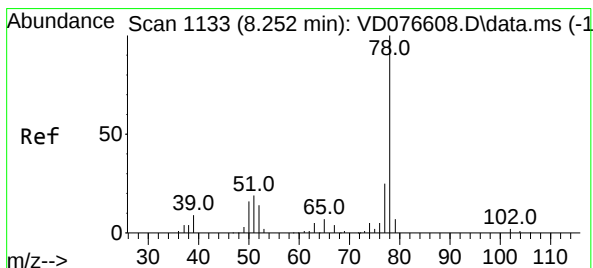
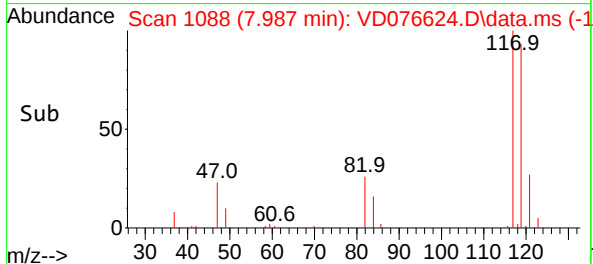
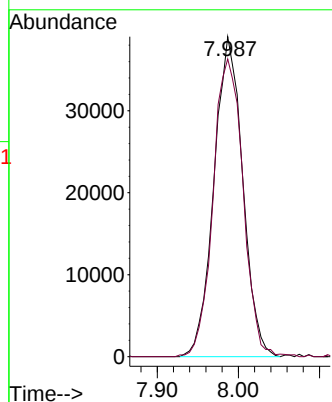
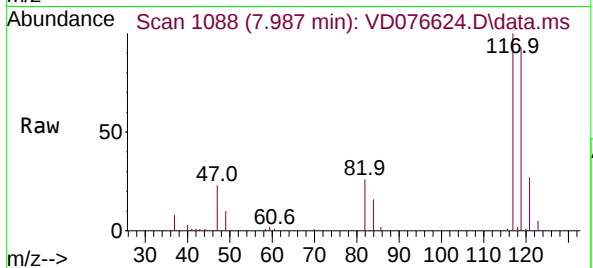




#31
Carbon tetrachloride
Concen: 28.239 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

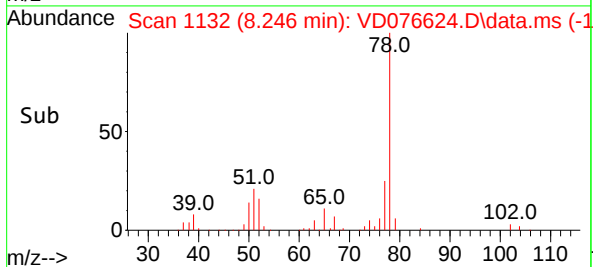
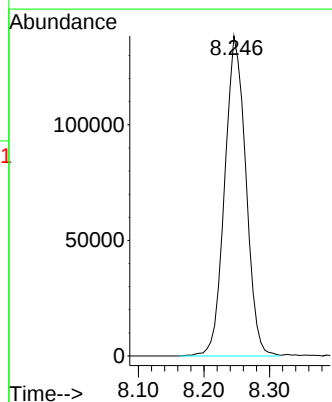
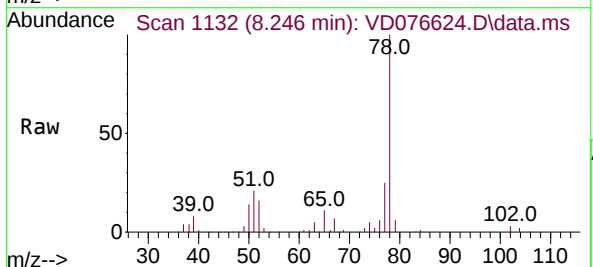
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

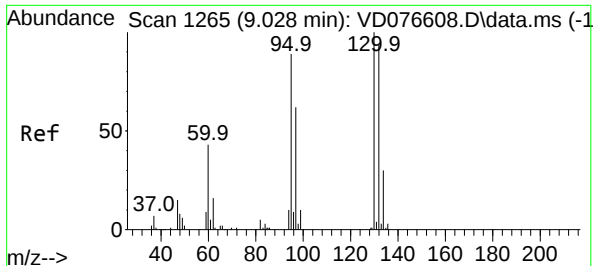
Tgt Ion:117 Resp: 95944
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6



#33
Benzene
Concen: 25.651 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion: 78 Resp: 310458

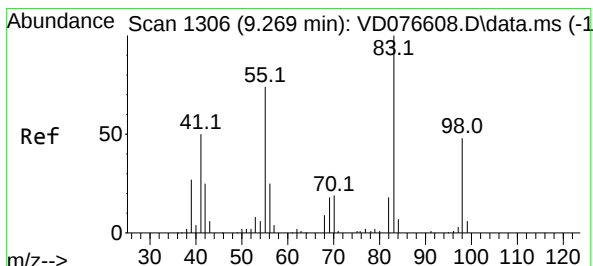
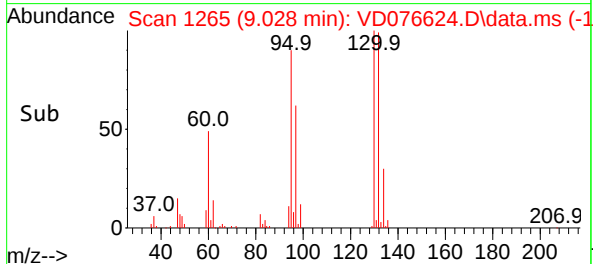
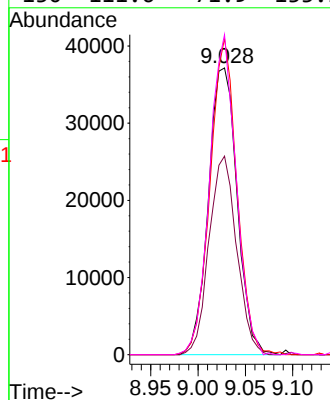
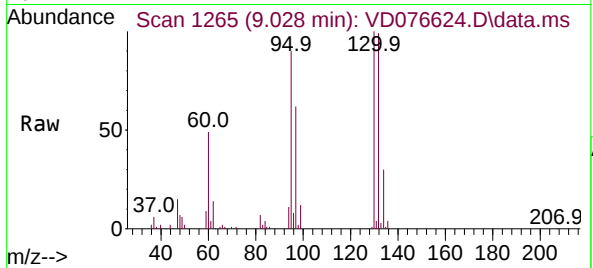




#34
Trichloroethene
Concen: 25.194 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

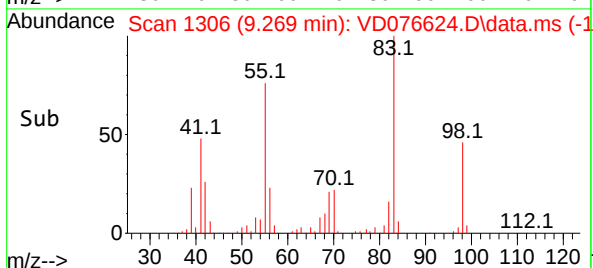
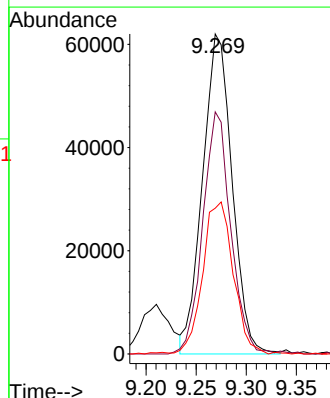
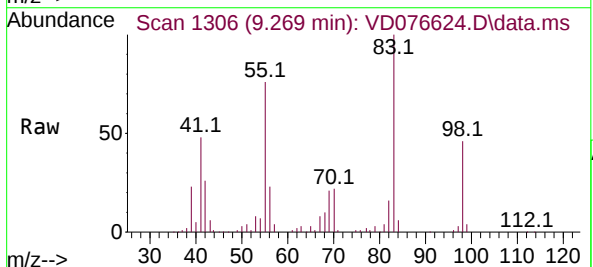
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

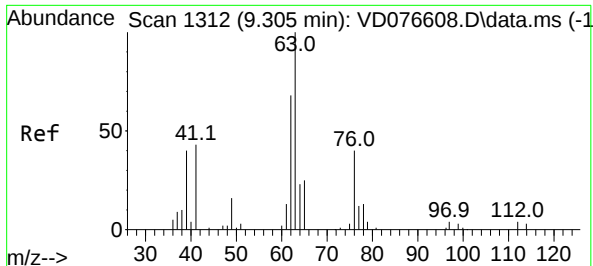
Tgt Ion:	95	Resp:	78328
Ion	Ratio	Lower	Upper
95	100		
97	69.3	43.1	80.1
132	110.3	71.8	133.4
130	111.6	71.9	133.5



#35
Methylcyclohexane
Concen: 25.377 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:	83	Resp:	127231
Ion	Ratio	Lower	Upper
83	100		
55	71.2	59.8	89.6
98	49.0	37.8	56.6





#37

1,2-Dichloropropane

Concen: 24.876 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

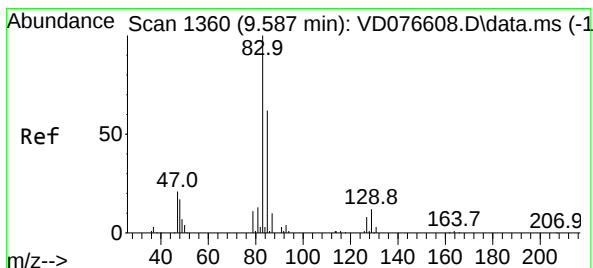
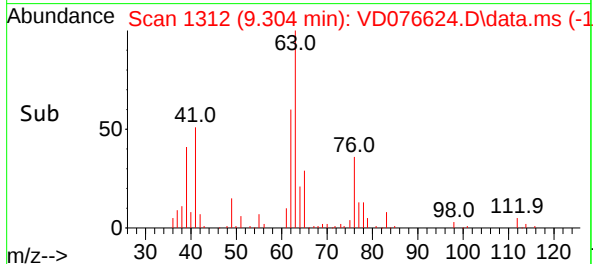
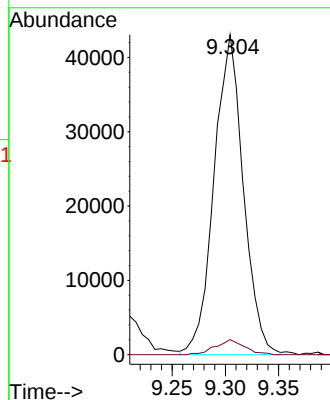
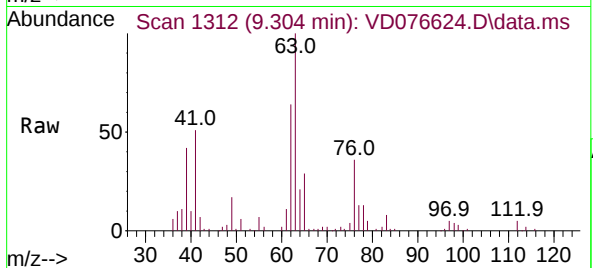
A46K7MSD

Tgt Ion: 63 Resp: 82083

Ion Ratio Lower Upper

63 100

112 4.6 3.1 4.7



#38

Bromodichloromethane

Concen: 27.369 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

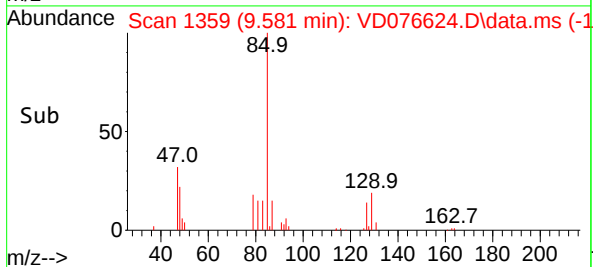
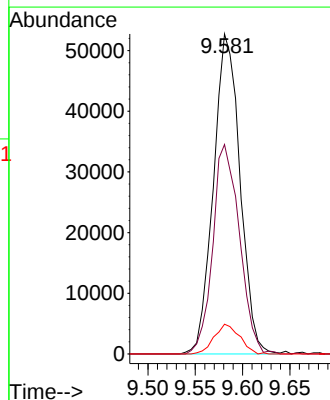
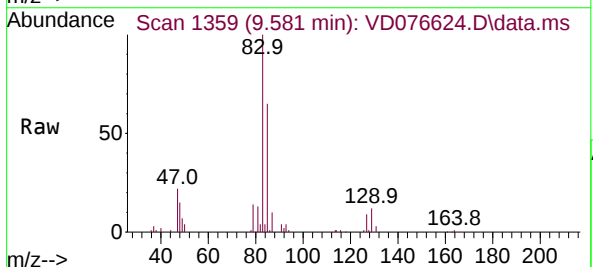
Tgt Ion: 83 Resp: 103002

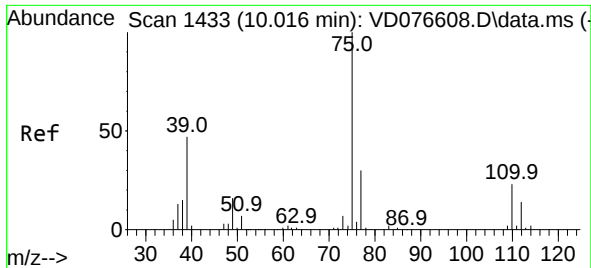
Ion Ratio Lower Upper

83 100

85 65.5 43.9 81.5

127 10.7 6.6 9.8#

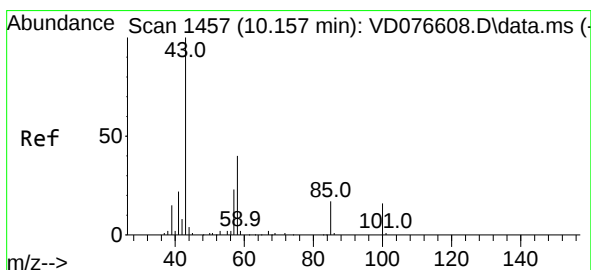
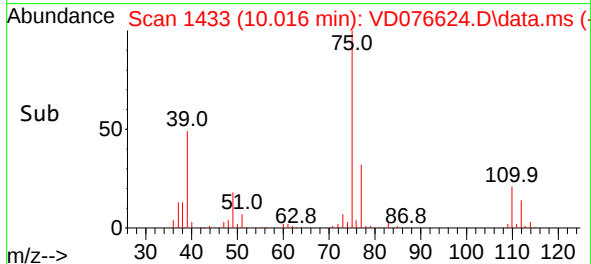
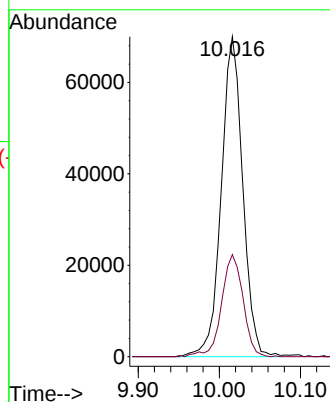
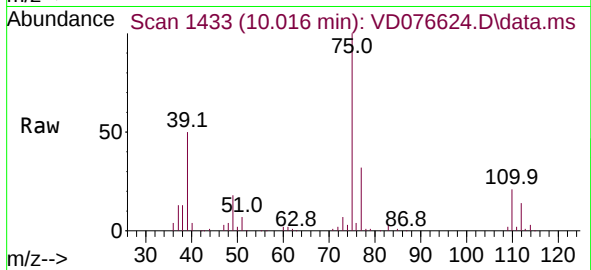




#39
 cis-1,3-Dichloropropene
 Concen: 25.561 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076624.D
 Acq: 28 Jun 2023 18:55

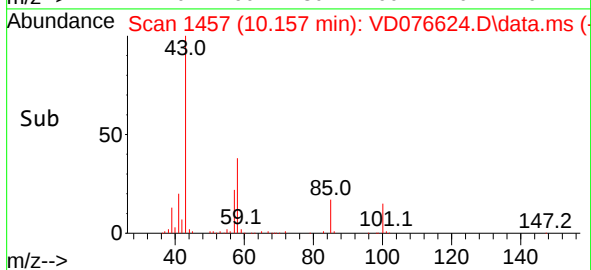
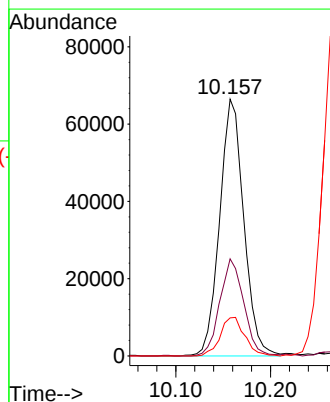
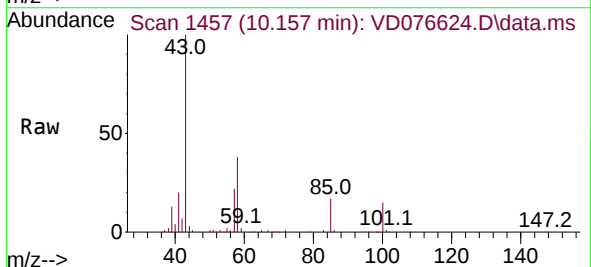
Instrument :
 MSVOA_D
 ClientSampleId :
 A46K7MSD

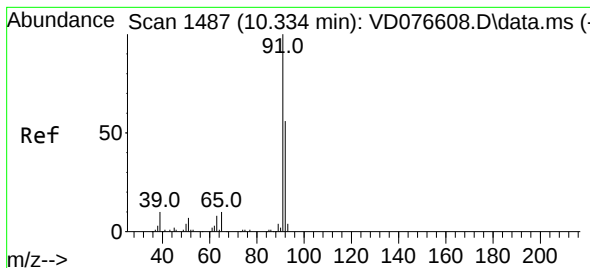
Tgt Ion: 75 Resp: 128789
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 57.452 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD076624.D
 Acq: 28 Jun 2023 18:55

Tgt Ion: 43 Resp: 117932
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.7 46.1
 100 15.2 11.0 16.4





#42

Toluene

Concen: 25.537 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

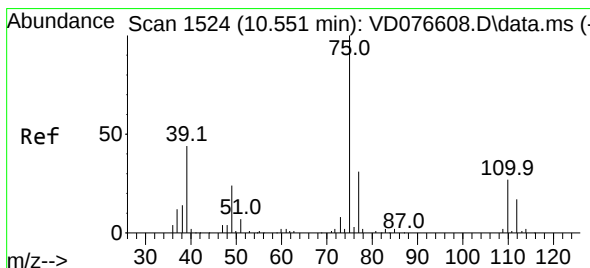
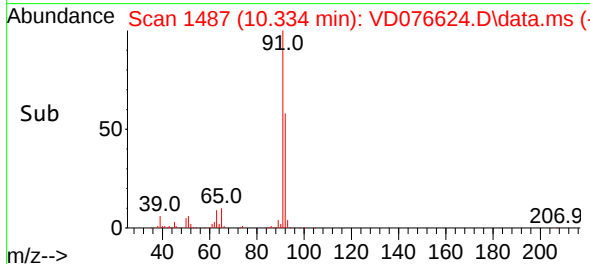
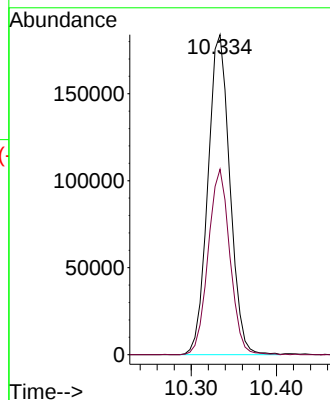
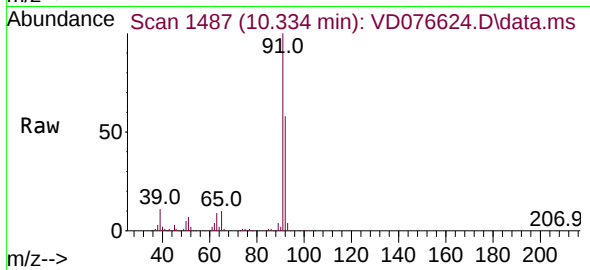
A46K7MSD

Tgt Ion: 91 Resp: 330287

Ion Ratio Lower Upper

91 100

92 58.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 27.432 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076624.D

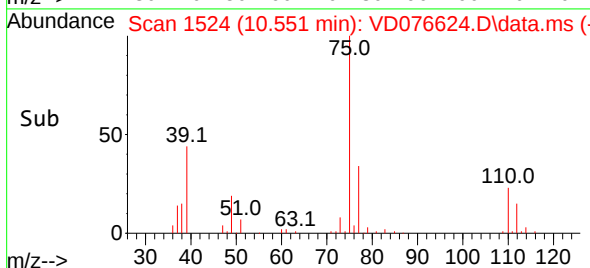
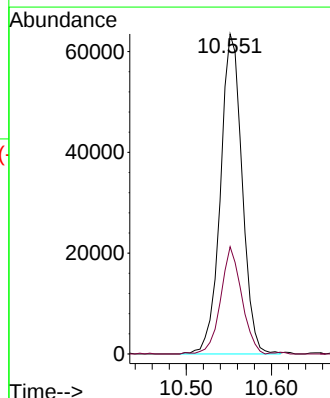
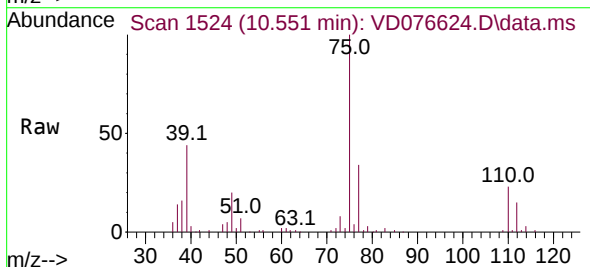
Acq: 28 Jun 2023 18:55

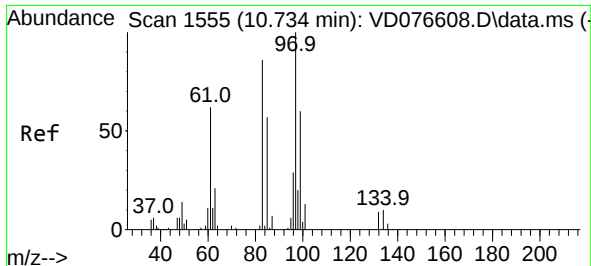
Tgt Ion: 75 Resp: 112349

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.7

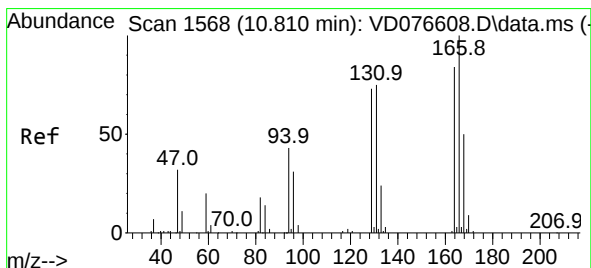
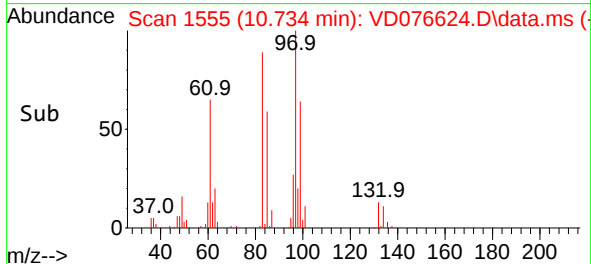
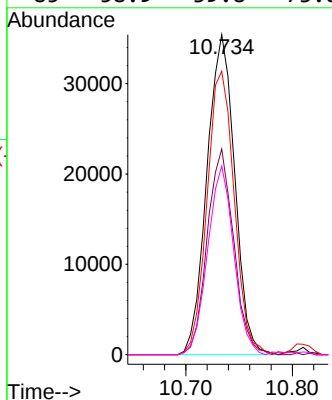
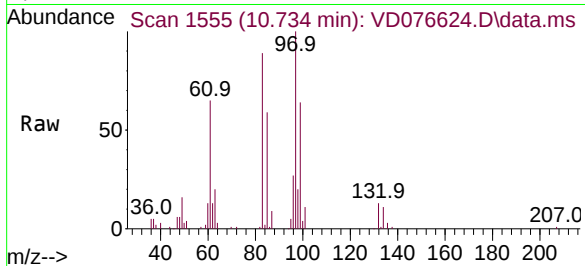




#45
1,1,2-Trichloroethane
Concen: 28.406 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

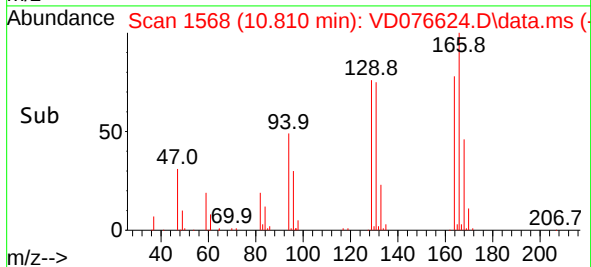
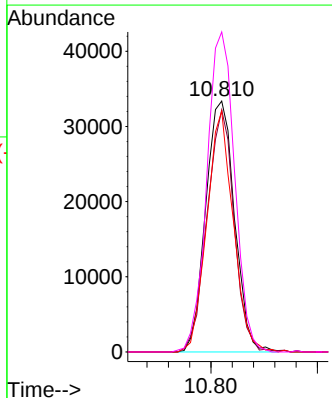
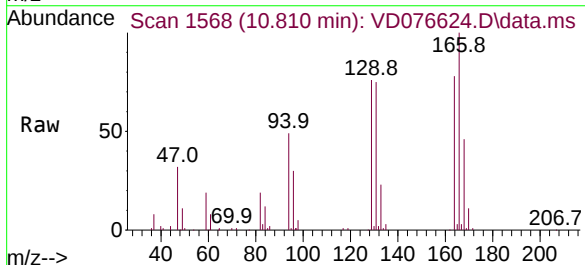
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

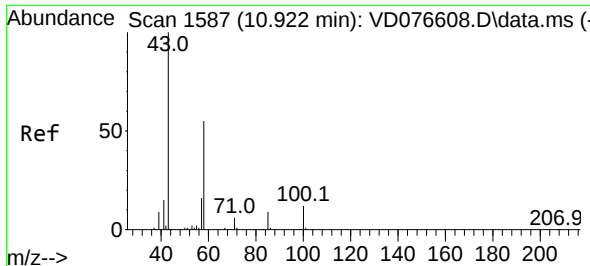
Tgt Ion:	97	Resp:	64291
Ion	Ratio	Lower	Upper
97	100		
99	64.3	41.9	77.9
83	88.6	59.2	110.0
85	58.9	39.8	73.8



#46
Tetrachloroethene
Concen: 25.696 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:	164	Resp:	62806
Ion	Ratio	Lower	Upper
164	100		
129	96.5	65.5	121.6
131	96.1	64.8	120.3
166	127.6	97.2	180.4

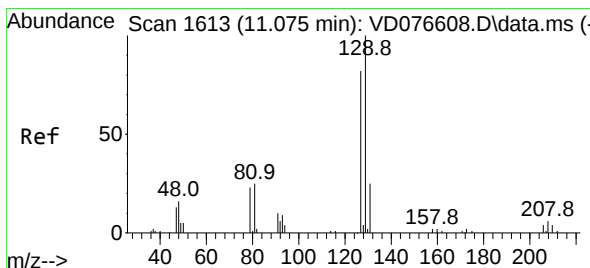
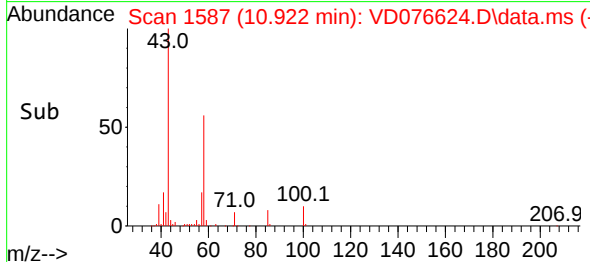
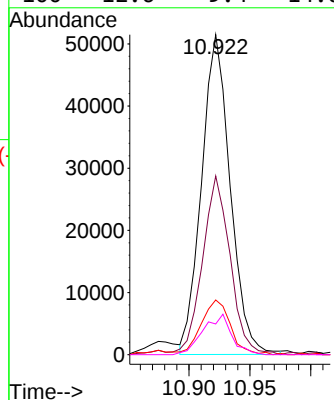
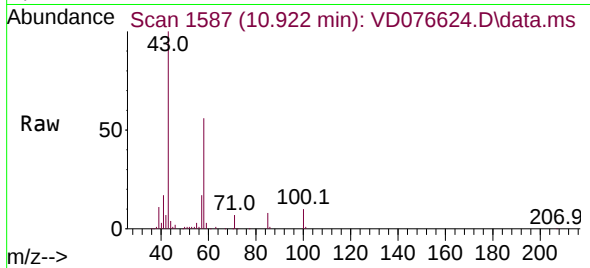




#48
2-Hexanone
Concen: 60.001 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

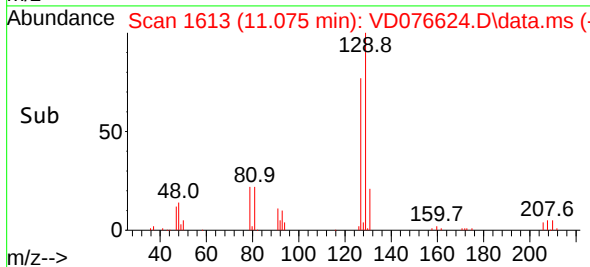
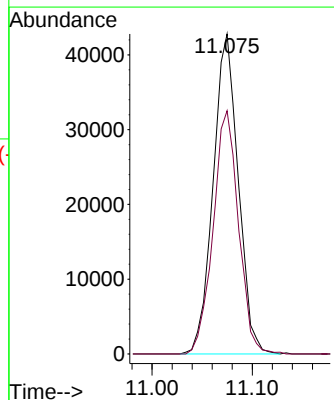
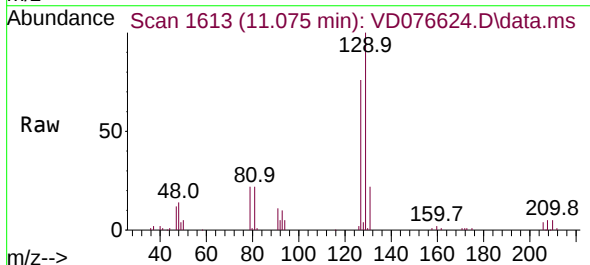
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

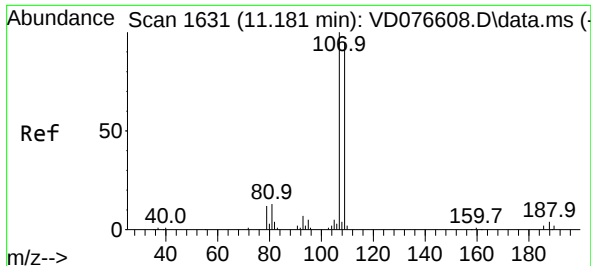
Tgt Ion: 43	Resp: 84352
Ion Ratio	Lower Upper
43 100	
58 53.8	42.9 64.3
57 17.5	13.7 20.5
100 12.6	9.4 14.0



#49
Dibromochloromethane
Concen: 28.930 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:129	Resp: 74412
Ion Ratio	Lower Upper
129 100	
127 76.0	55.2 102.6

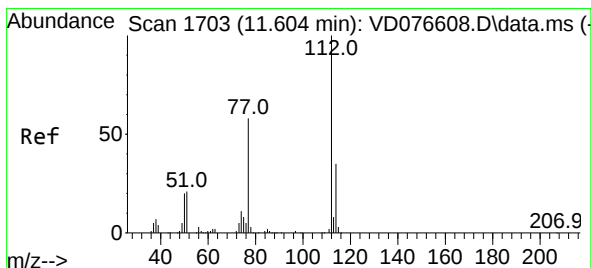
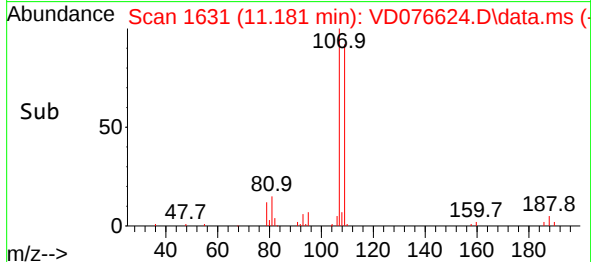
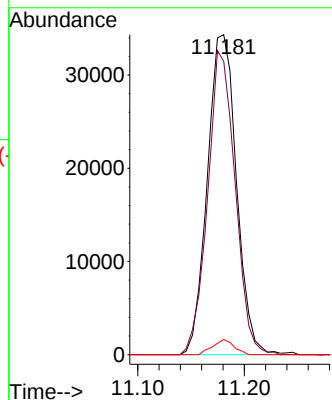
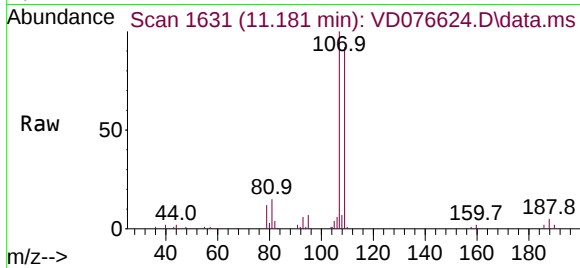




#50
1,2-Dibromoethane
Concen: 29.664 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

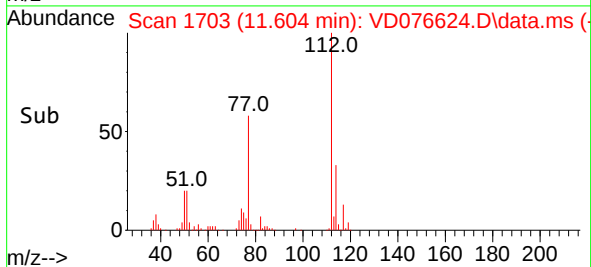
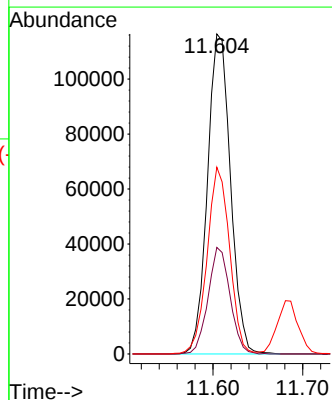
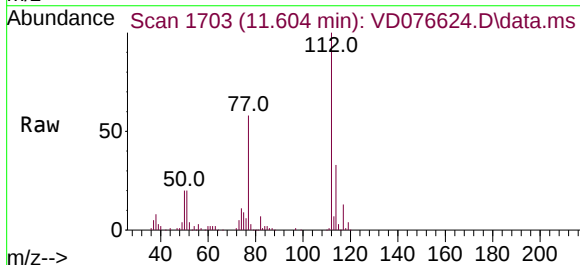
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

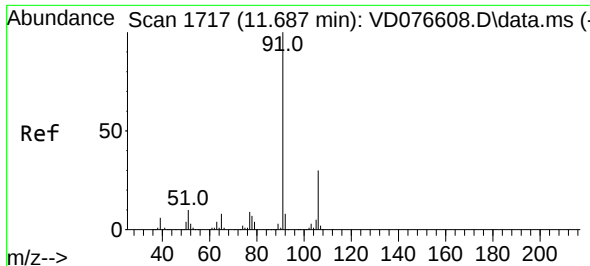
Tgt Ion:107 Resp: 65164
Ion Ratio Lower Upper
107 100
109 91.7 58.8 109.2
188 4.8 2.9 4.3#



#51
Chlorobenzene
Concen: 25.668 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:112 Resp: 207263
Ion Ratio Lower Upper
112 100
114 33.3 21.5 39.9
77 58.3 43.4 65.2

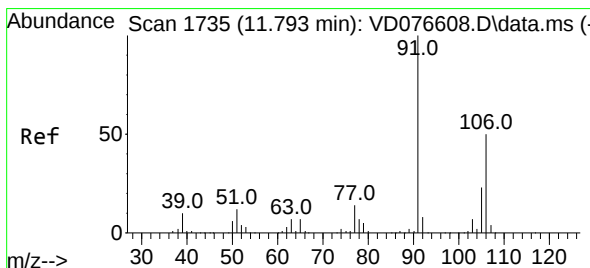
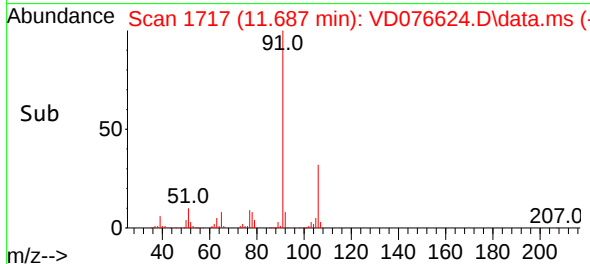
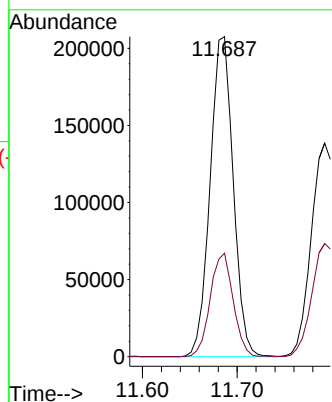
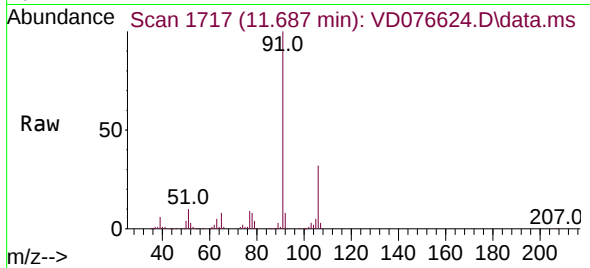




#52
Ethylbenzene
Concen: 25.267 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

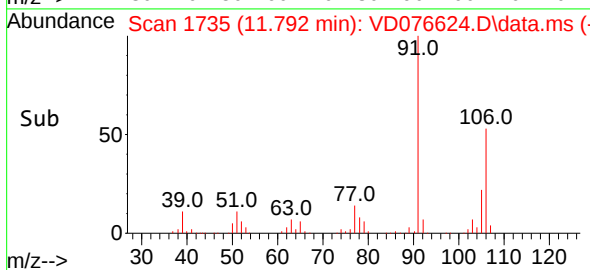
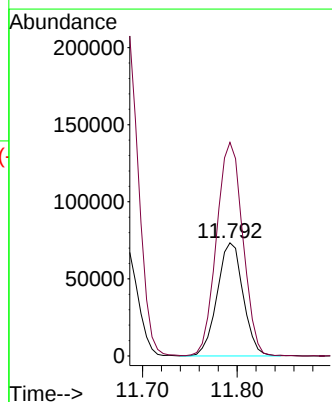
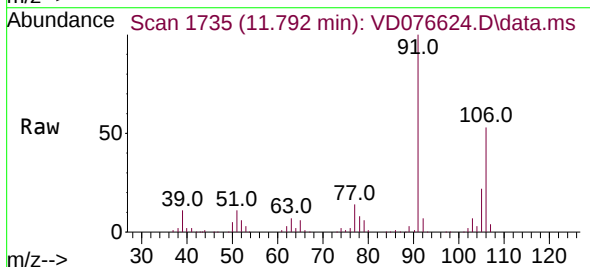
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

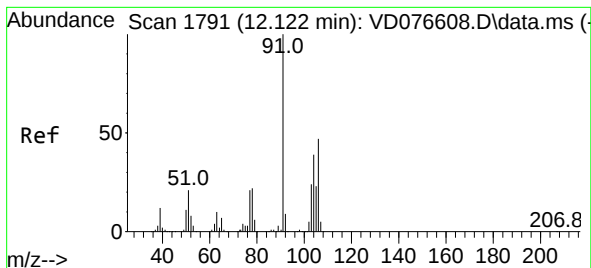
Tgt Ion: 91 Resp: 352241
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6



#53
m,p-Xylene
Concen: 25.489 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:106 Resp: 139641
Ion Ratio Lower Upper
106 100
91 188.6 141.5 262.9





#54

o-Xylene

Concen: 25.727 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

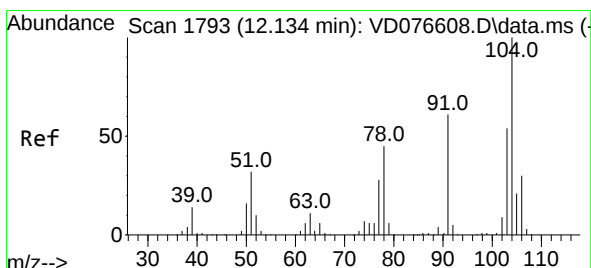
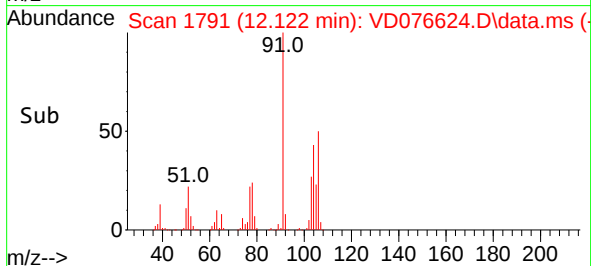
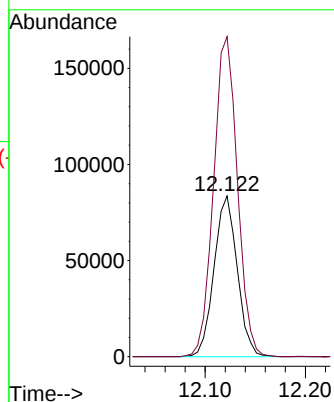
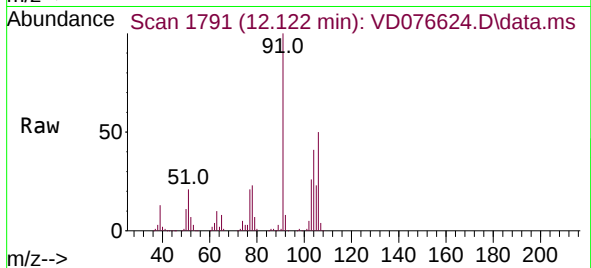
A46K7MSD

Tgt Ion:106 Resp: 134202

Ion Ratio Lower Upper

106 100

91 199.1 142.2 264.2



#55

Styrene

Concen: 25.857 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076624.D

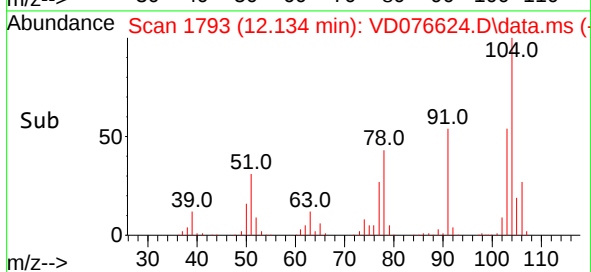
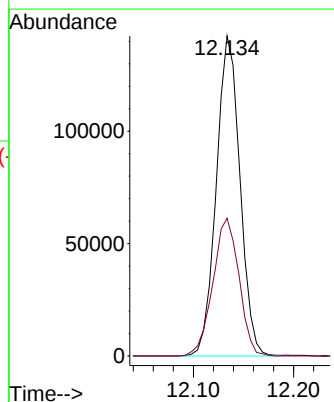
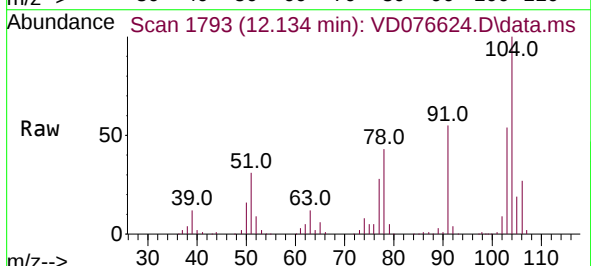
Acq: 28 Jun 2023 18:55

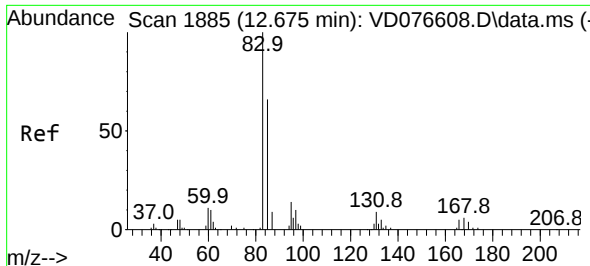
Tgt Ion:104 Resp: 233029

Ion Ratio Lower Upper

104 100

78 43.0 31.3 58.1

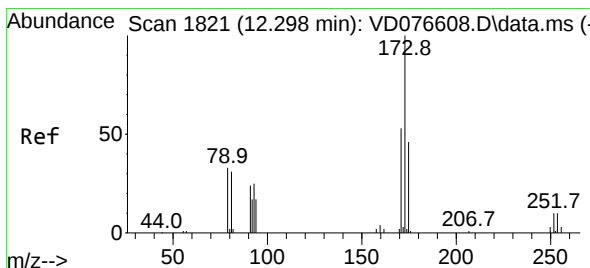
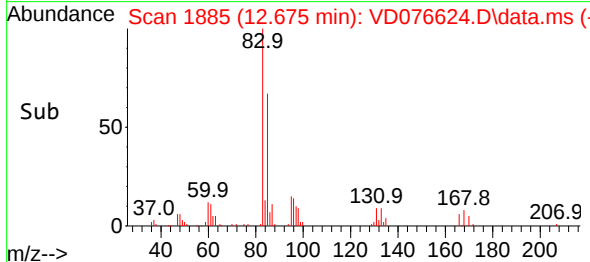
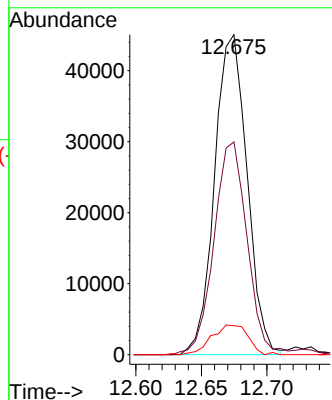
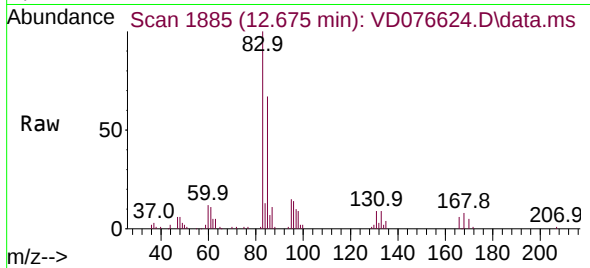




#57
1,1,2,2-Tetrachloroethane
Concen: 30.030 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

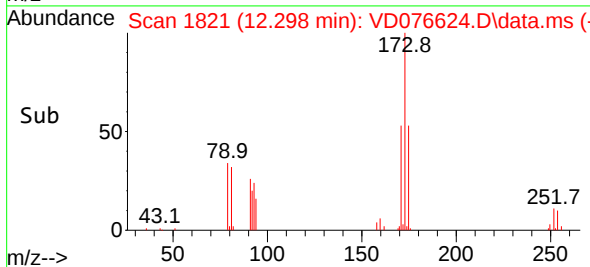
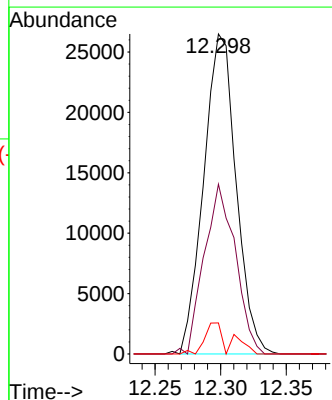
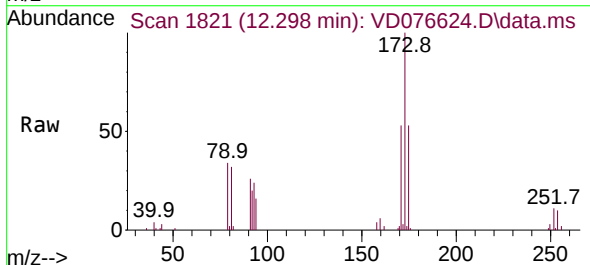
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

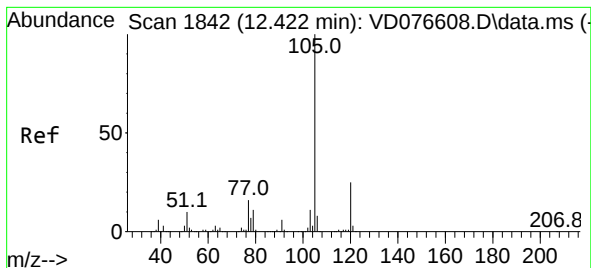
Tgt Ion:	83	Resp:	77676
Ion Ratio	Lower	Upper	
83	100		
85	66.5	46.3	86.1
131	9.0	7.0	10.4



#59
Bromoform
Concen: 27.426 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:	173	Resp:	45562
Ion Ratio	Lower	Upper	
173	100		
175	50.5	39.0	58.4
254	4.7	5.3	7.9#





#60

Isopropylbenzene

Concen: 24.401 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

A46K7MSD

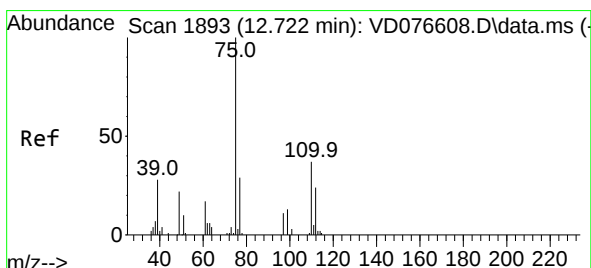
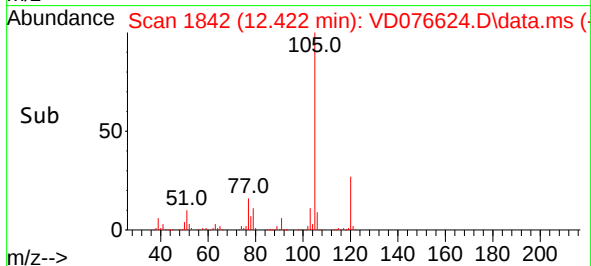
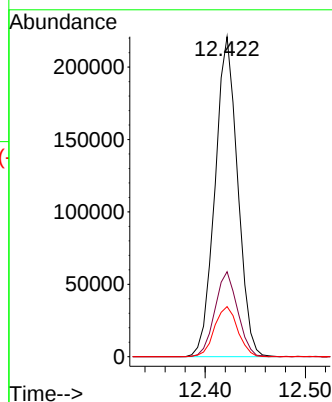
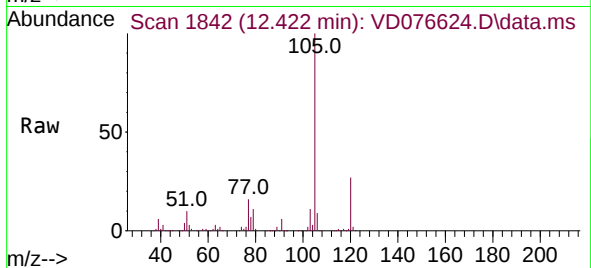
Tgt Ion:105 Resp: 346346

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 16.0 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 30.053 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

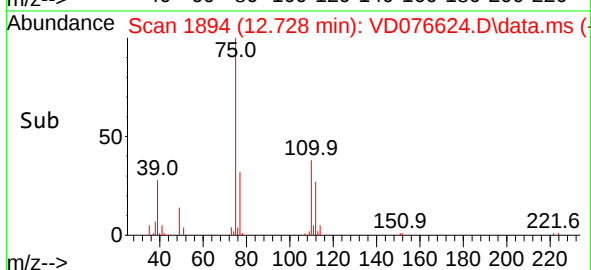
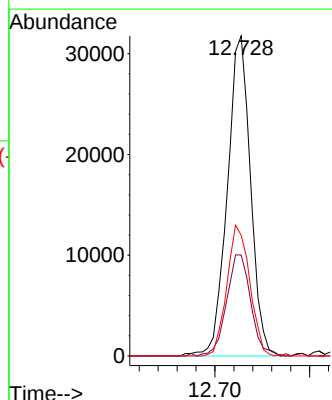
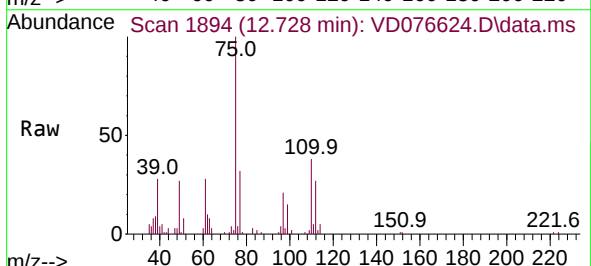
Tgt Ion: 75 Resp: 54124

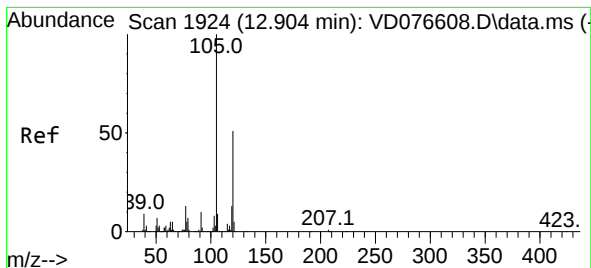
Ion Ratio Lower Upper

75 100

77 32.9 27.2 40.8

110 40.3 31.8 47.6

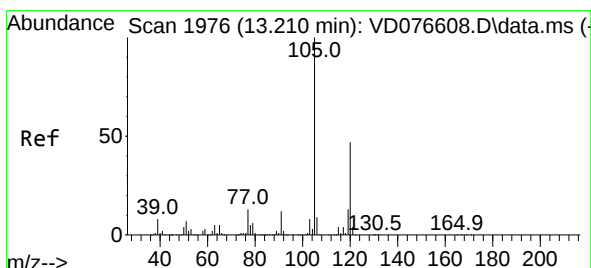
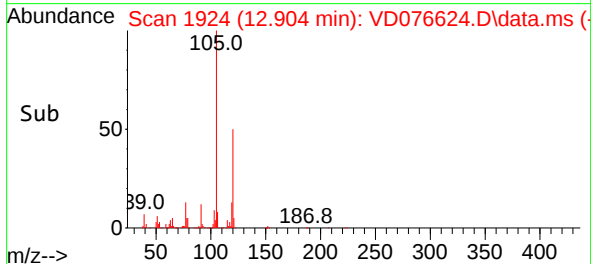
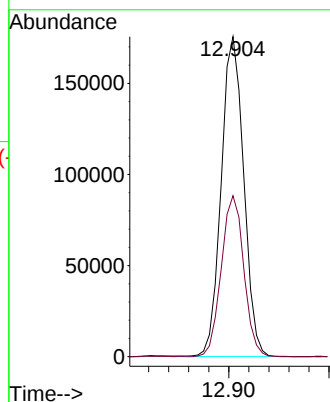
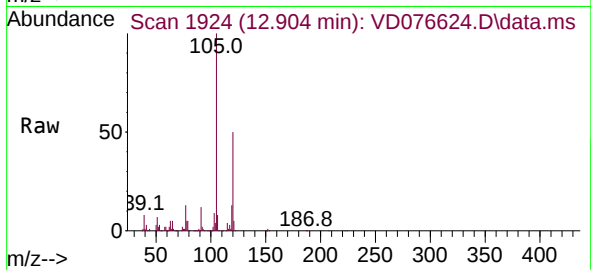




#62
1,3,5-Trimethylbenzene
Concen: 24.013 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

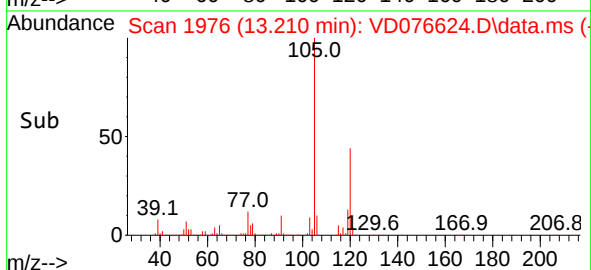
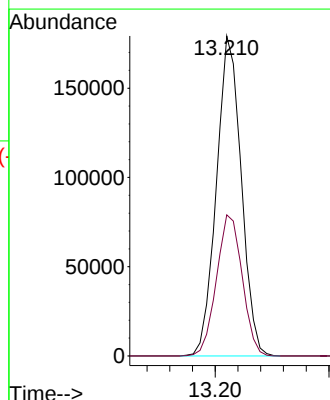
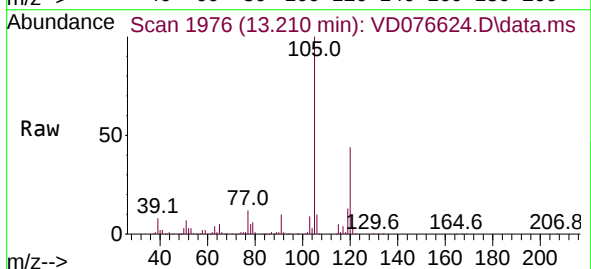
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

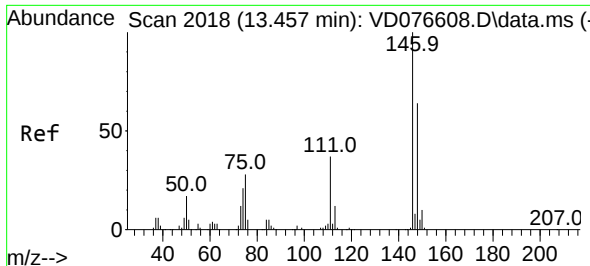
Tgt Ion:105 Resp: 272702
Ion Ratio Lower Upper
105 100
120 50.5 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 24.246 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:105 Resp: 271706
Ion Ratio Lower Upper
105 100
120 45.8 37.5 56.3

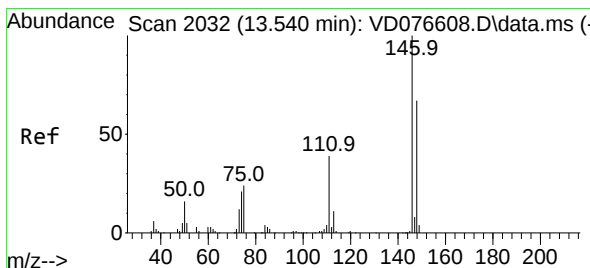
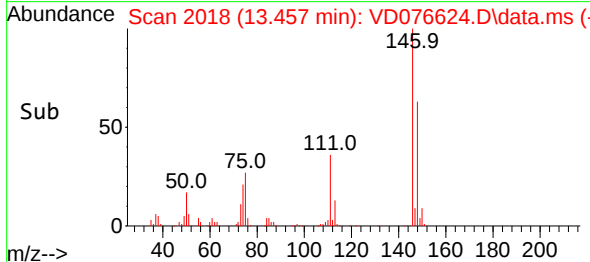
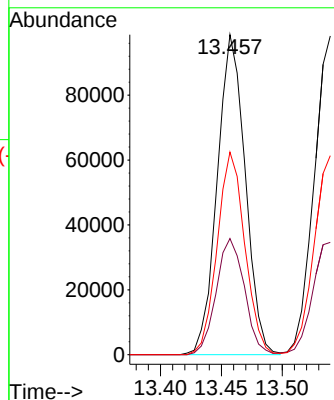
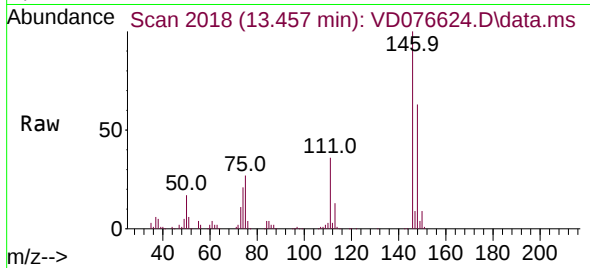




#64
1,3-Dichlorobenzene
Concen: 25.000 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

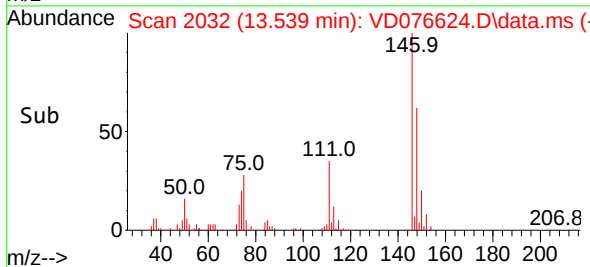
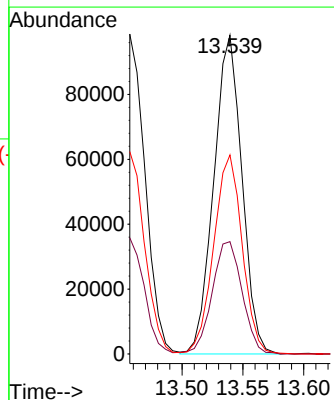
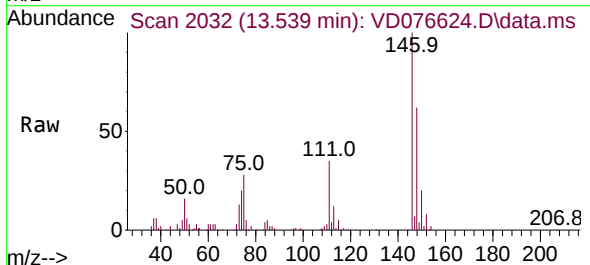
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

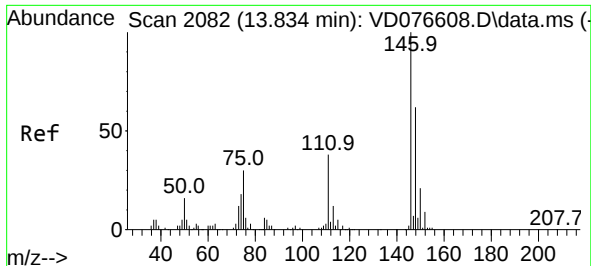
Tgt Ion:146 Resp: 157866
Ion Ratio Lower Upper
146 100
111 36.3 25.6 47.4
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.853 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:146 Resp: 158197
Ion Ratio Lower Upper
146 100
111 35.3 25.7 47.7
148 62.5 45.4 84.2

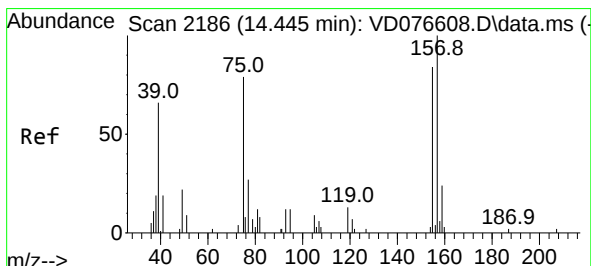
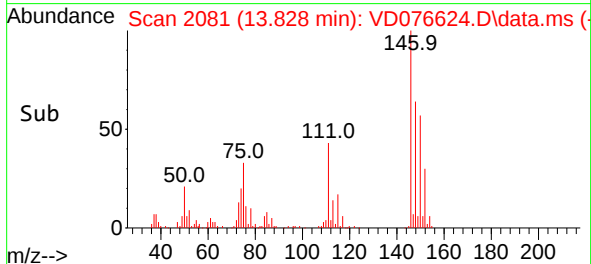
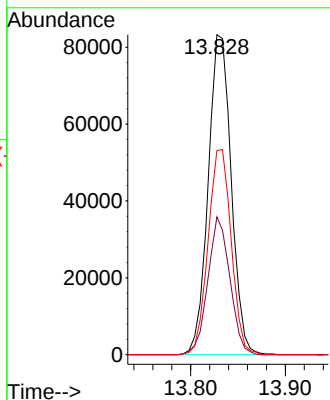
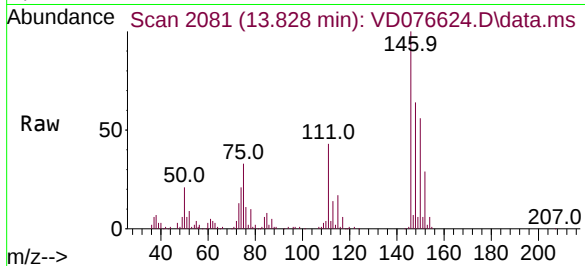




#67
1,2-Dichlorobenzene
Concen: 25.028 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

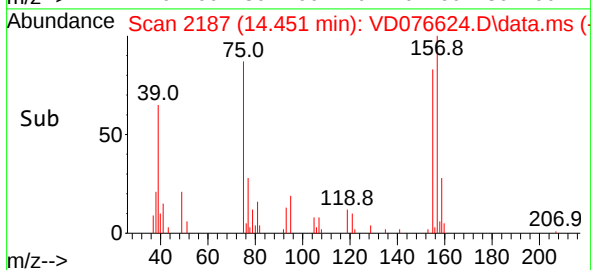
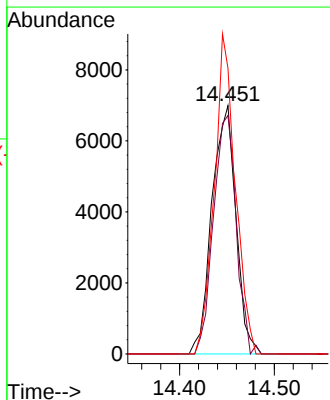
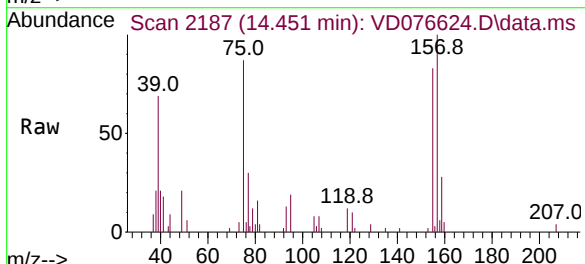
Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

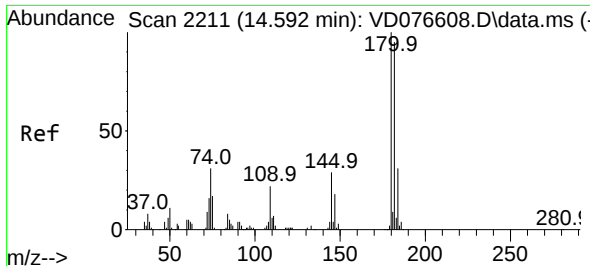
Tgt Ion:146 Resp: 140793
Ion Ratio Lower Upper
146 100
111 43.1 31.3 46.9
148 63.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 30.721 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion: 75 Resp: 12330
Ion Ratio Lower Upper
75 100
155 96.0 76.2 114.4
157 115.1 89.4 134.2





#69

1,3,5-Trichlorobenzene

Concen: 22.292 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

Instrument :

MSVOA_D

ClientSampleId :

A46K7MSD

Tgt Ion:180 Resp: 93895

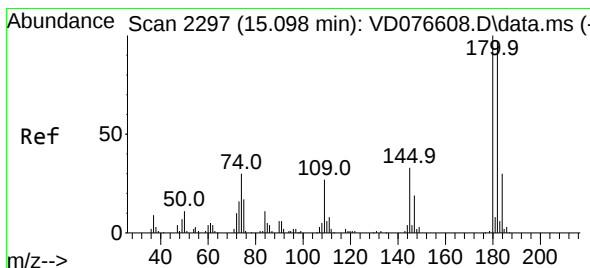
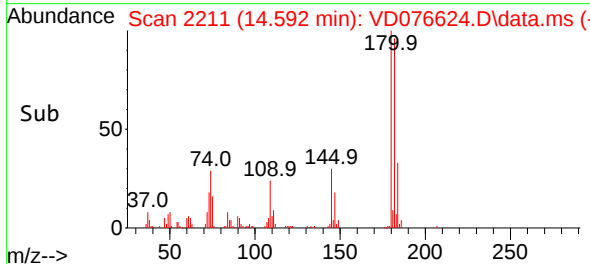
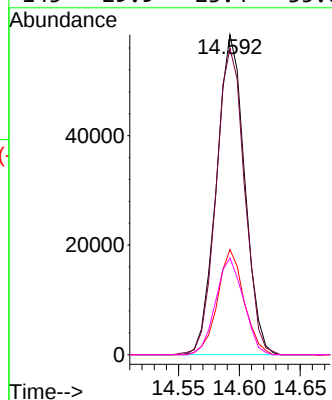
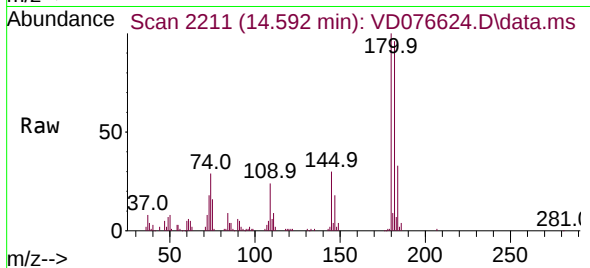
Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

184 30.8 25.0 37.4

145 29.9 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 22.849 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076624.D

Acq: 28 Jun 2023 18:55

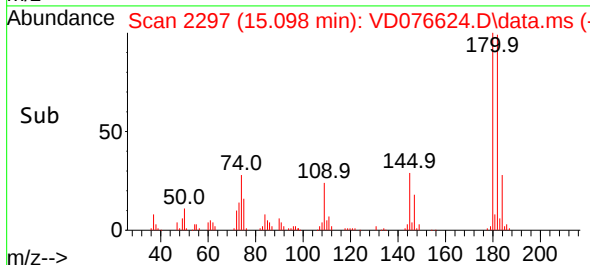
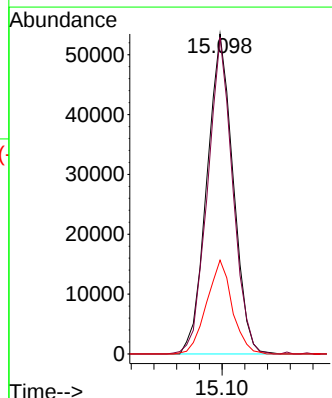
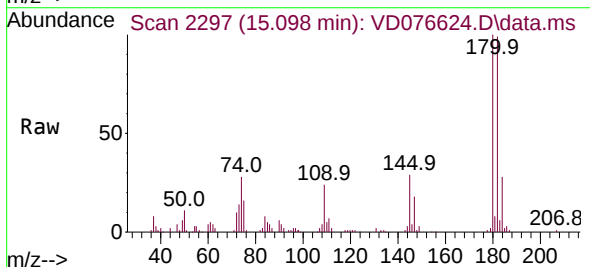
Tgt Ion:180 Resp: 85630

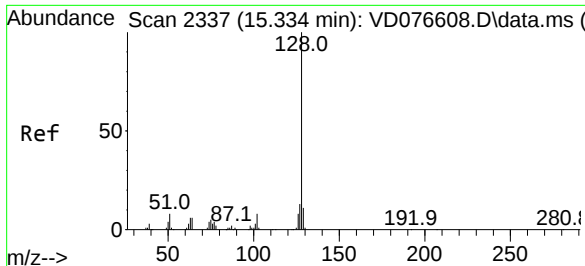
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

145 28.5 23.5 35.3

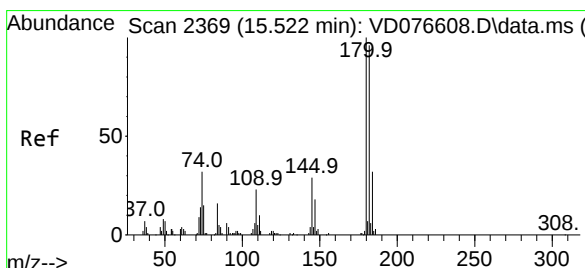
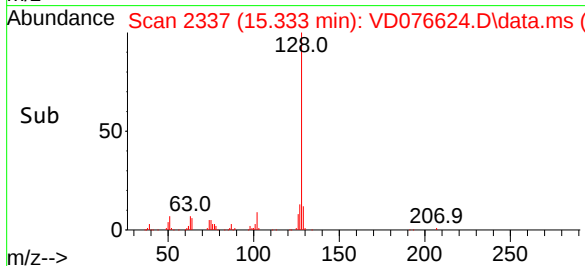
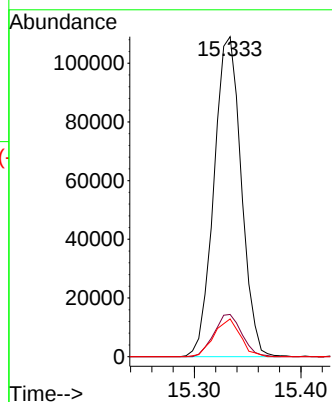
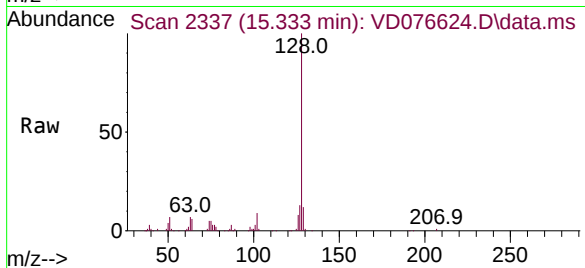




#71
Naphthalene
Concen: 27.048 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Instrument :
MSVOA_D
ClientSampleId :
A46K7MSD

Tgt Ion:128 Resp: 194070
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.375 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076624.D
Acq: 28 Jun 2023 18:55

Tgt Ion:180 Resp: 76072
Ion Ratio Lower Upper
180 100
182 93.8 74.3 111.5
145 31.4 25.0 37.6

