

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079915.D
 Acq On : 26 Sep 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	129572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	127204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	65123	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	103681	18.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
7) Chloroethane-d5	2.799	69	102456	22.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
11) 1,1-Dichloroethene-d2	3.922	65	18841	18.418	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.680%
21) 2-Butanone-d5	6.981	46	24258	46.340	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.680%
24) Chloroform-d	7.569	84	99861	23.446	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.234	65	52525	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.204	84	203776	22.691	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	9.210	67	63177	22.970	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.269	98	185786	23.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	10.522	79	26908	22.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.040%
47) 2-Hexanone-d5	10.875	63	21761	48.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	51446	25.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.810	152	58325	23.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45027	18.224	ug/L	96
3) Chloromethane	2.146	50	90318	20.854	ug/L	100
5) Vinyl chloride	2.281	62	123835	23.333	ug/L	99
6) Bromomethane	2.693	94	78417	29.344	ug/L	92
8) Chloroethane	2.834	64	89077	25.404	ug/L	97
9) Trichlorofluoromethane	3.169	101	89428	23.435	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	44600	21.115	ug/L	98
12) 1,1-Dichloroethene	3.940	96	41856	21.276	ug/L	87
13) Acetone	4.022	43	16033	25.122	ug/L	65
14) Carbon disulfide	4.269	76	117000	18.283	ug/L	99
15) Methyl Acetate	4.558	43	22821	22.448	ug/L #	80
16) Methylene chloride	4.799	84	55276	21.590	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	47162	22.483	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	114936	24.356	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	98993	23.758	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	57204	24.767	ug/L	90
22) 2-Butanone	7.087	43	32214	43.029	ug/L	95
23) Bromochloromethane	7.422	128	23892	24.373	ug/L	92
25) Chloroform	7.599	83	109058	25.144	ug/L	95

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:31:41 2024
 Response via : Initial Calibration

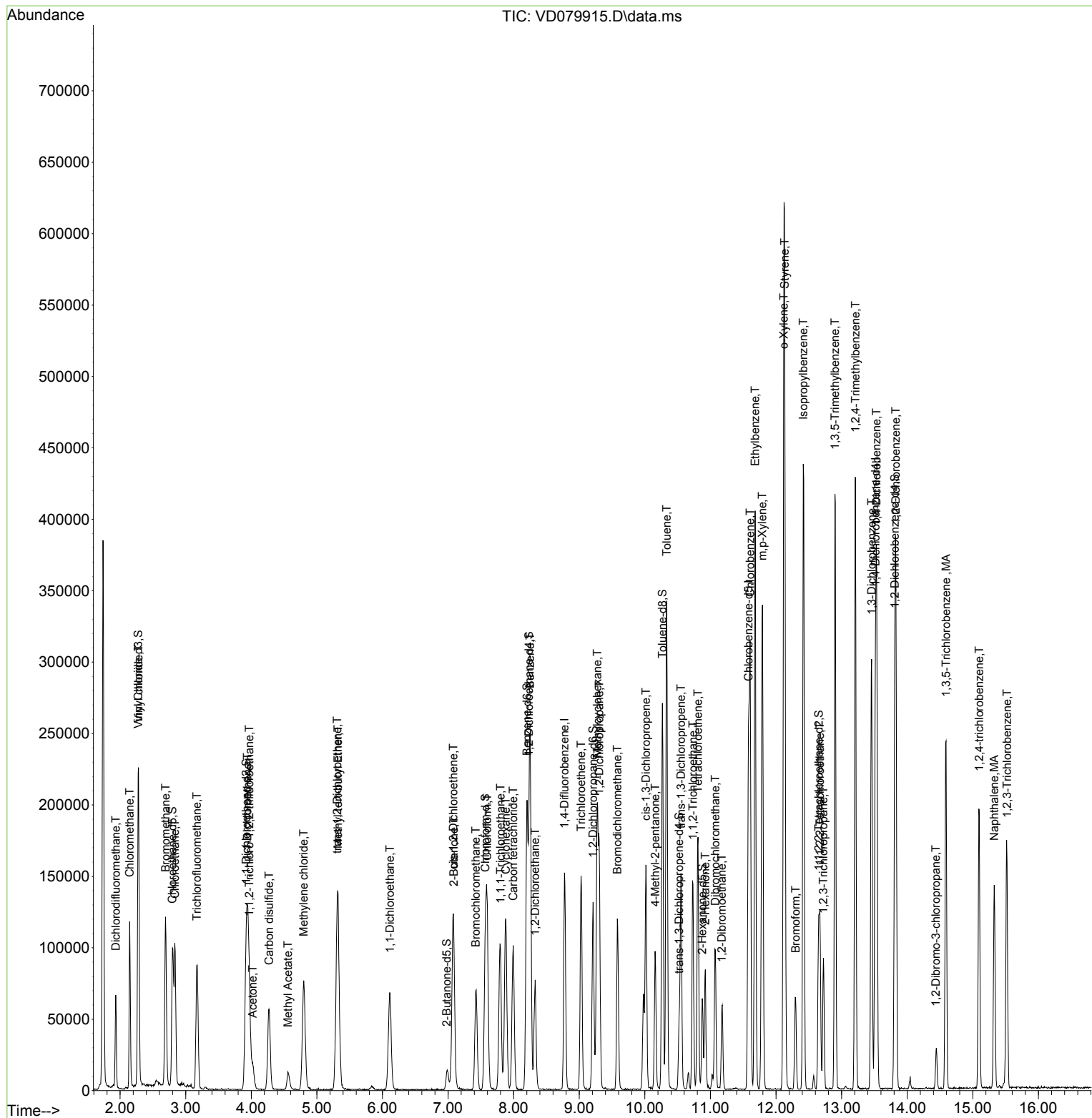
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	65248	24.613	ug/L	96
29) Cyclohexane	7.881	56	65433	20.796	ug/L	99
30) 1,1,1-Trichloroethane	7.798	97	84489	24.367	ug/L	99
31) Carbon tetrachloride	7.993	117	74593	24.281	ug/L	98
33) Benzene	8.251	78	232102	24.504	ug/L	100
34) Trichloroethene	9.028	95	52691	24.075	ug/L	96
35) Methylcyclohexane	9.275	83	75238	21.302	ug/L	98
37) 1,2-Dichloropropane	9.304	63	65737	25.449	ug/L #	100
38) Bromodichloromethane	9.581	83	76944	25.564	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	92080	25.385	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	64183	47.466	ug/L	100
42) Toluene	10.334	91	258984	25.958	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	82006	25.653	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	45275	25.654	ug/L	93
46) Tetrachloroethene	10.810	164	37578	25.290	ug/L	96
48) 2-Hexanone	10.922	43	53253	48.417	ug/L	99
49) Dibromochloromethane	11.075	129	49587	25.742	ug/L	97
50) 1,2-Dibromoethane	11.175	107	35775	23.470	ug/L	92
51) Chlorobenzene	11.604	112	155324	25.941	ug/L	95
52) Ethylbenzene	11.681	91	277840	26.509	ug/L	99
53) m,p-Xylene	11.792	106	107567	27.096	ug/L	97
54) o-Xylene	12.116	106	105813	27.184	ug/L	92
55) Styrene	12.134	104	190691	27.875	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	53090	25.664	ug/L	96
59) Bromoform	12.298	173	27554	24.510	ug/L #	98
60) Isopropylbenzene	12.416	105	283804	25.242	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	37863	23.653	ug/L	98
62) 1,3,5-Trimethylbenzene	12.898	105	218790	26.608	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	219770	25.486	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	117750	25.342	ug/L	97
65) 1,4-Dichlorobenzene	13.533	146	121481	24.926	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	106776	25.425	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.439	75	7571	23.116	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	69370	24.622	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	56747	23.923	ug/L	99
71) Naphthalene	15.328	128	121079	22.853	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	51312	24.183	ug/L	95

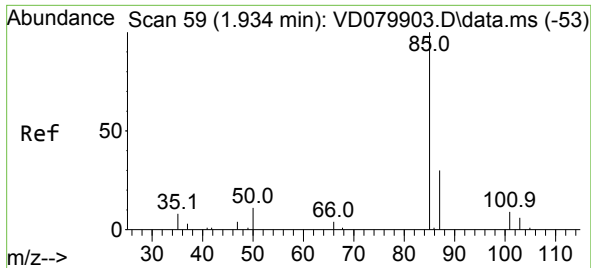
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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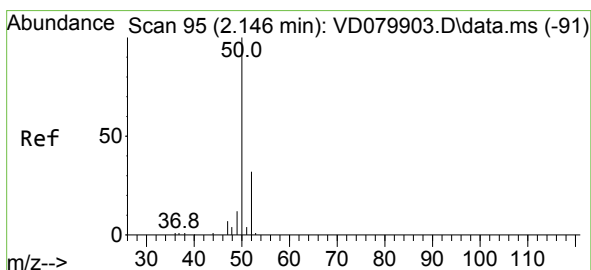
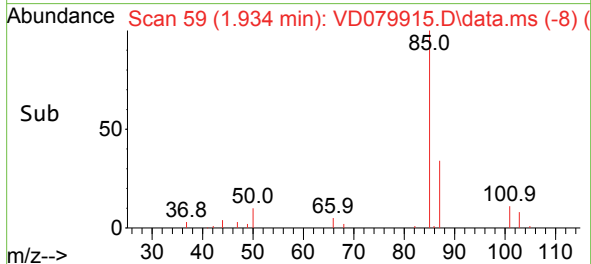
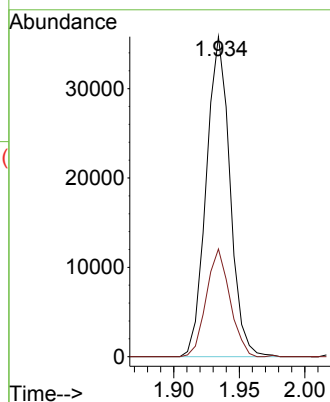
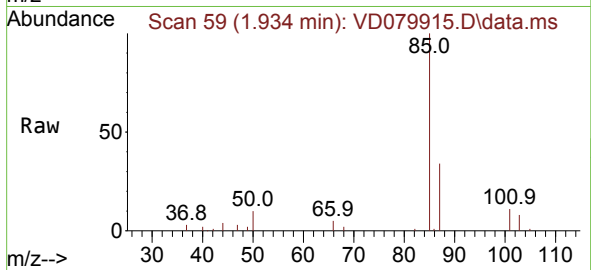




#2
Dichlorodifluoromethane
Concen: 18.224 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

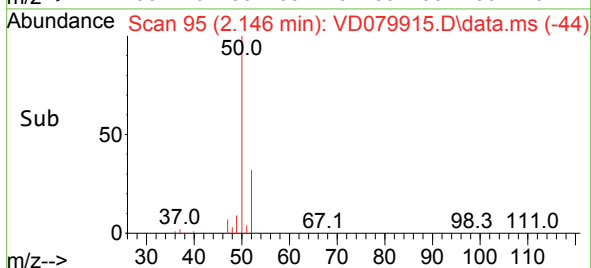
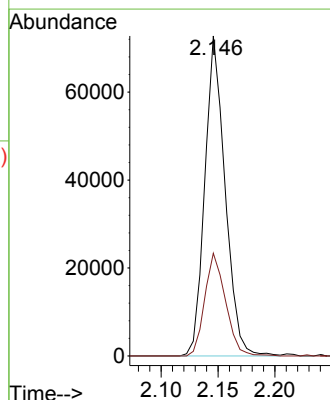
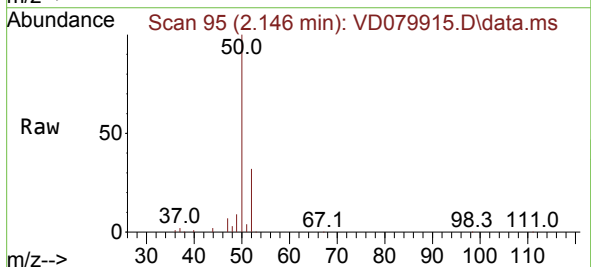
Instrument :
MSVOA_D
ClientSampleId :

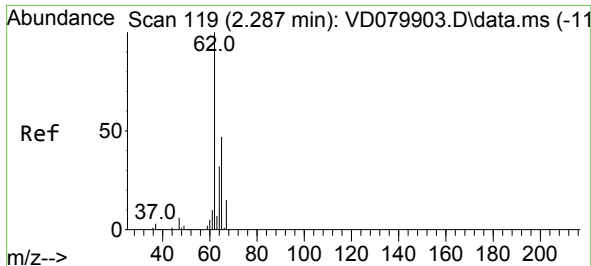
Tgt Ion: 85 Resp: 45027
Ion Ratio Lower Upper
85 100
87 33.5 25.0 37.6



#3
Chloromethane
Concen: 20.854 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 50 Resp: 90318
Ion Ratio Lower Upper
50 100
52 32.1 22.4 41.6

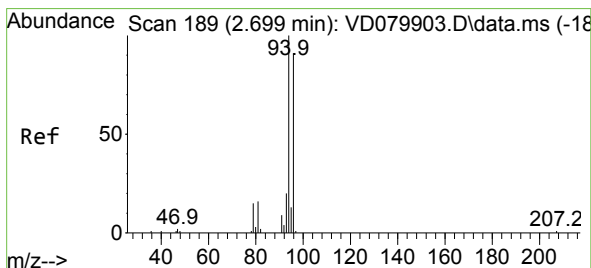
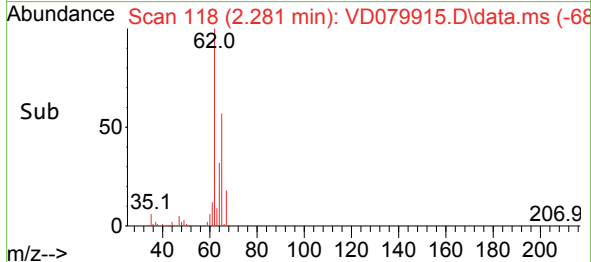
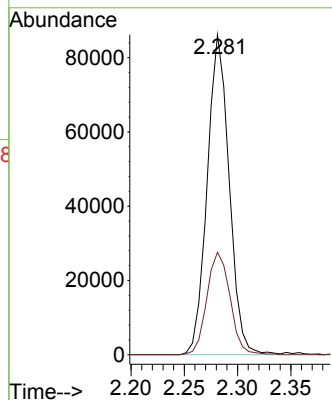
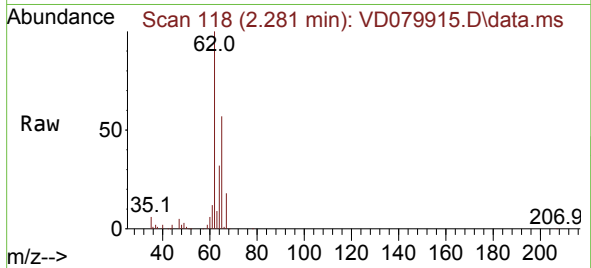




#5
 Vinyl chloride
 Concen: 23.333 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

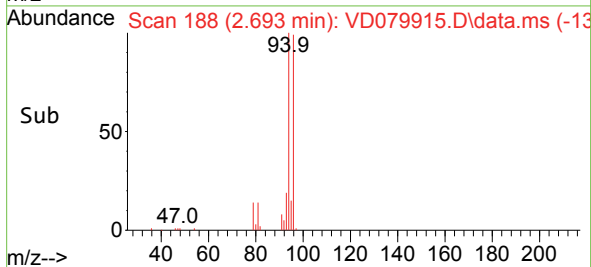
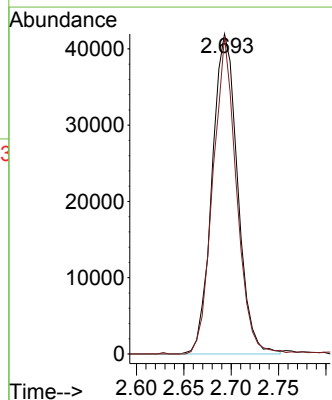
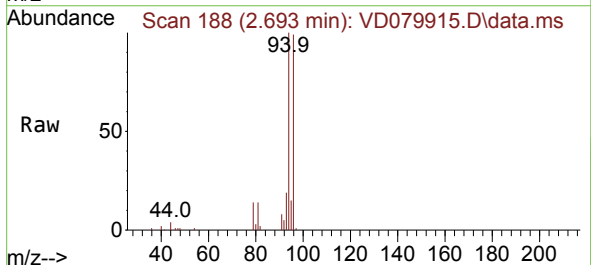
Instrument :
 MSVOA_D
 ClientSampleId :

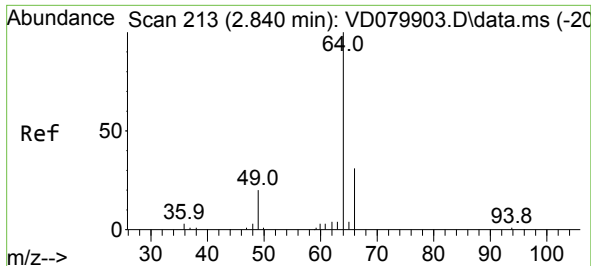
Tgt Ion: 62 Resp: 123835
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.6 42.0



#6
 Bromomethane
 Concen: 29.344 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

Tgt Ion: 94 Resp: 78417
 Ion Ratio Lower Upper
 94 100
 96 99.3 64.3 119.5

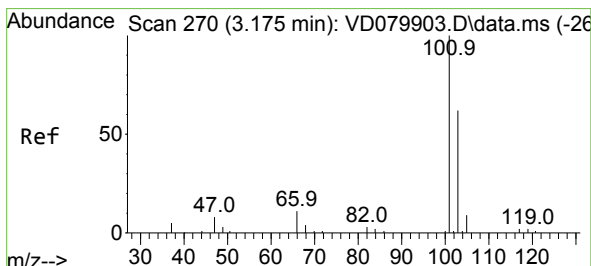
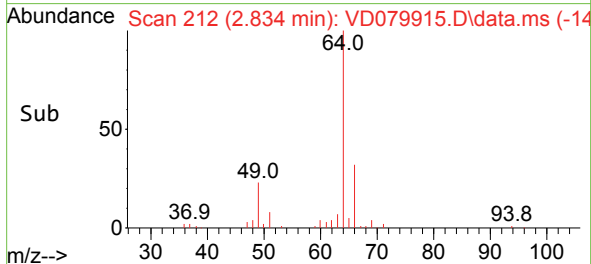
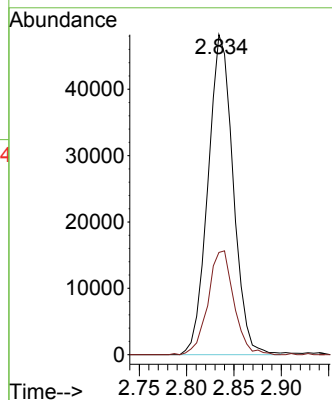
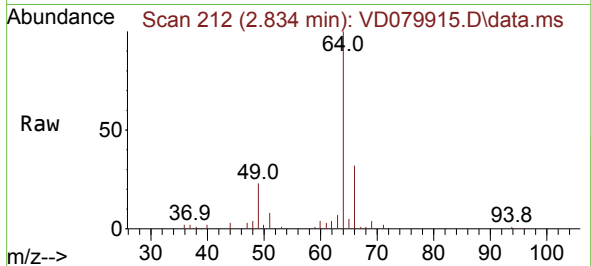




#8
Chloroethane
Concen: 25.404 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

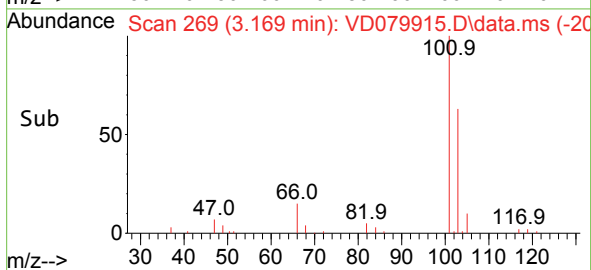
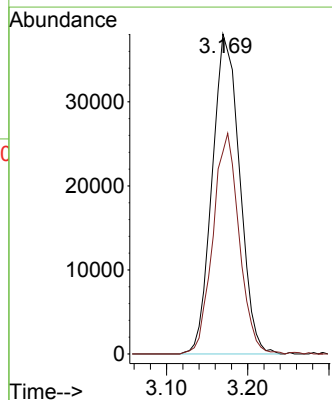
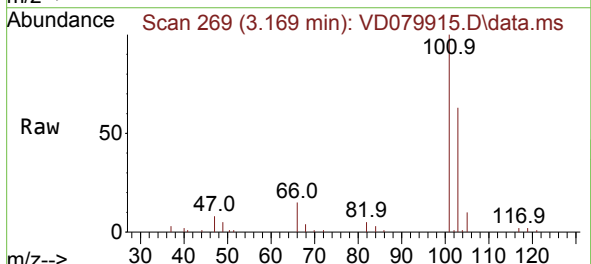
Instrument :
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ClientSampleId :

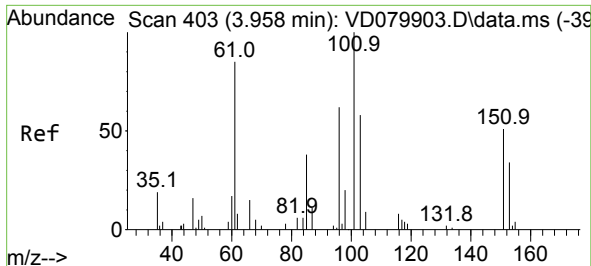
Tgt Ion: 64 Resp: 89077
Ion Ratio Lower Upper
64 100
66 31.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 23.435 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:101 Resp: 89428
Ion Ratio Lower Upper
101 100
103 65.8 50.5 75.7

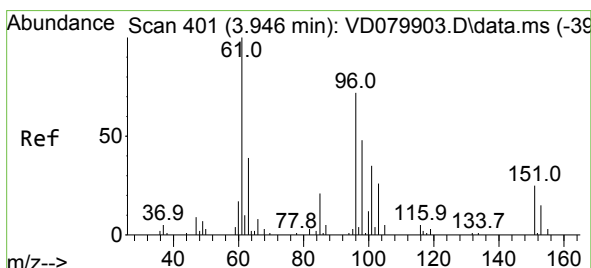
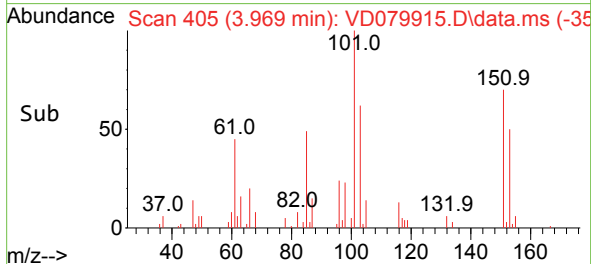
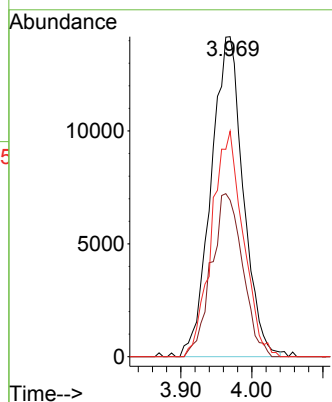
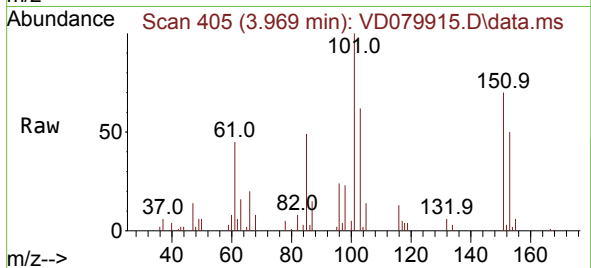




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.115 ug/L
RT: 3.969 min Scan# 403
Delta R.T. 0.012 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

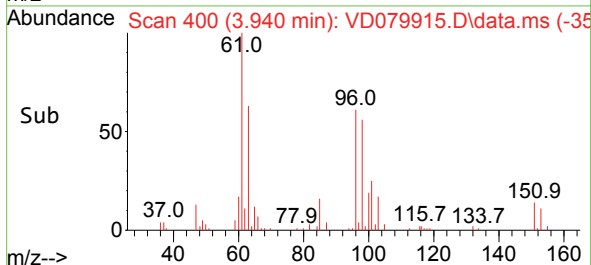
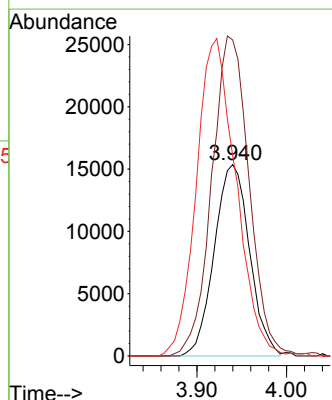
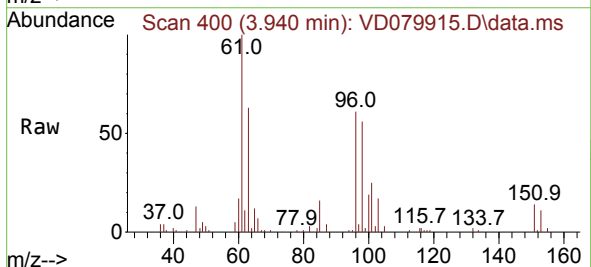
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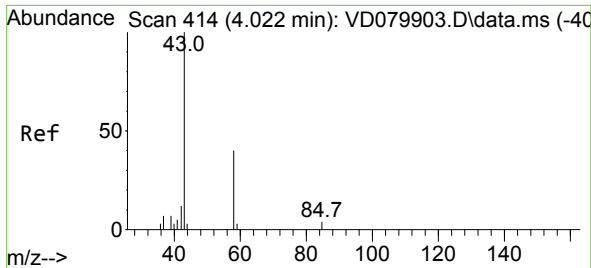
Tgt Ion:101 Resp: 44600
Ion Ratio Lower Upper
101 100
85 49.6 37.8 56.8
151 68.8 54.2 81.4



#12
1,1-Dichloroethene
Concen: 21.276 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 96 Resp: 41856
Ion Ratio Lower Upper
96 100
61 165.2 119.8 222.4
63 104.6 93.9 174.3





#13

Acetone

Concen: 25.122 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

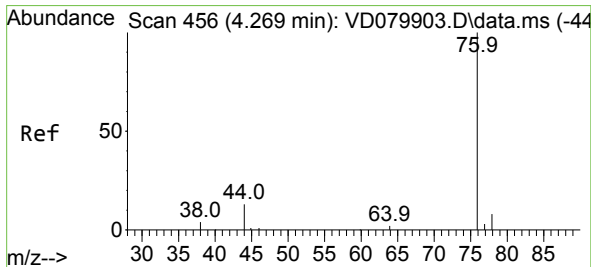
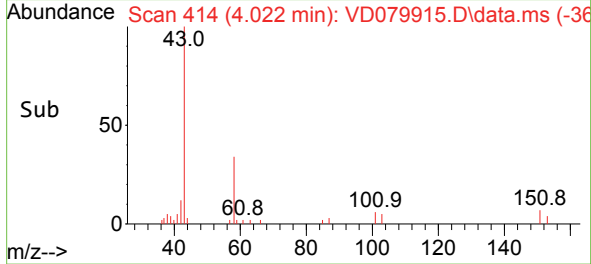
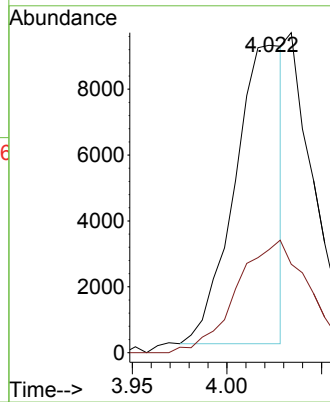
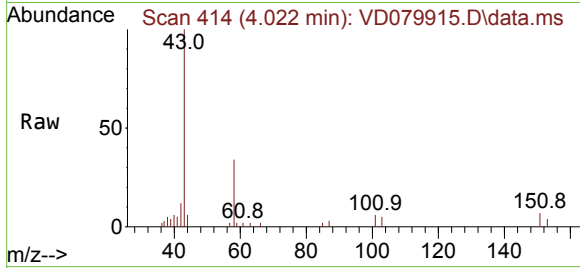
ClientSampleId :

Tgt Ion: 43 Resp: 16033

Ion Ratio Lower Upper

43 100

58 58.9 0.0 75.8



#14

Carbon disulfide

Concen: 18.283 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079915.D

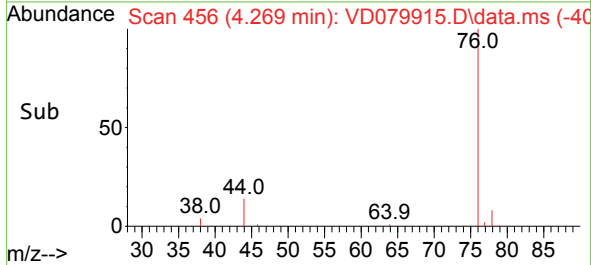
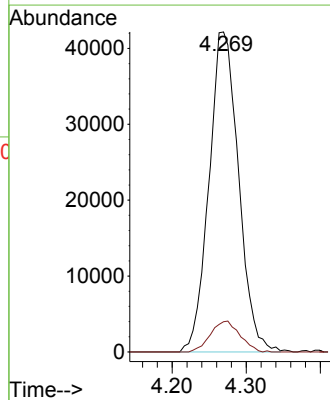
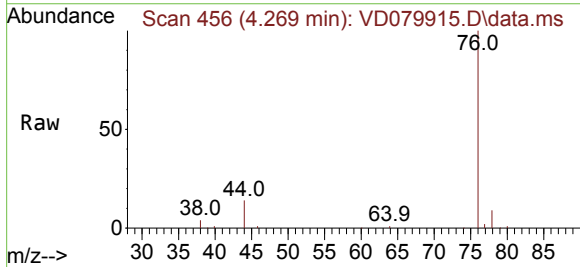
Acq: 26 Sep 2024 18:23

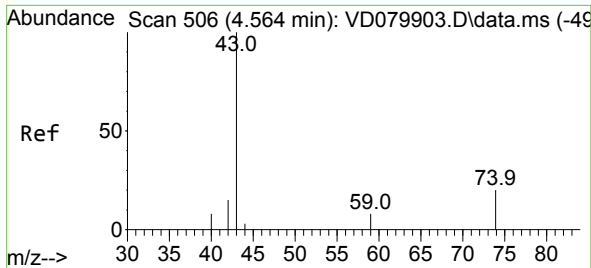
Tgt Ion: 76 Resp: 117000

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

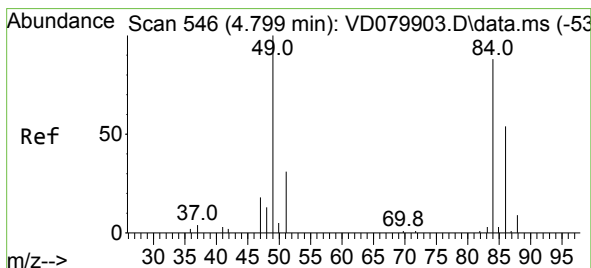
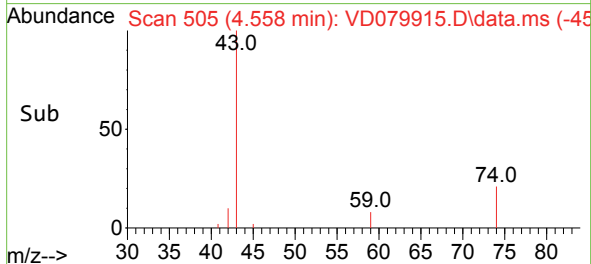
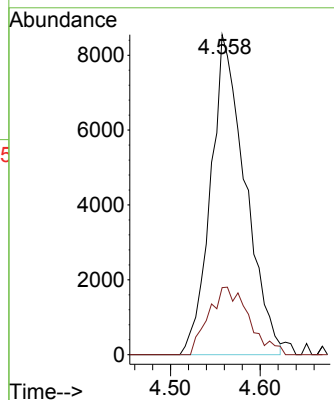
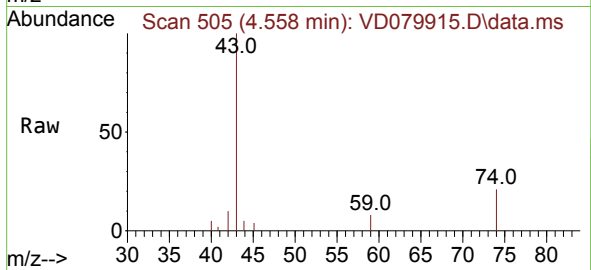




#15
Methyl Acetate
Concen: 22.448 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

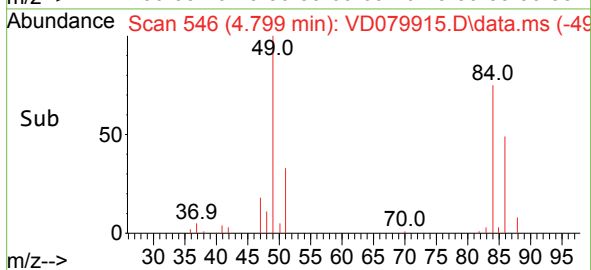
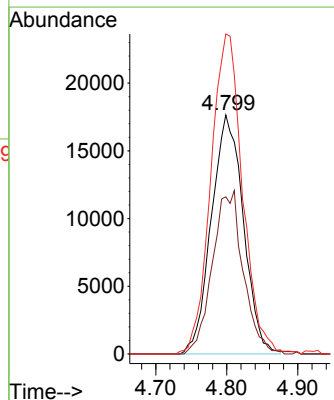
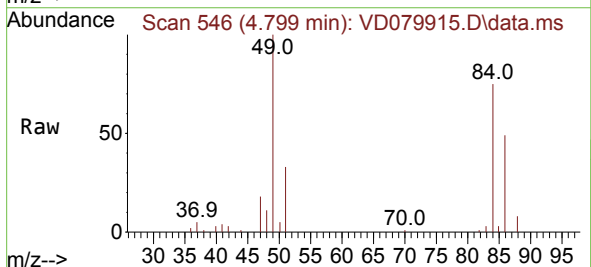
Instrument :
MSVOA_D
ClientSampleId :

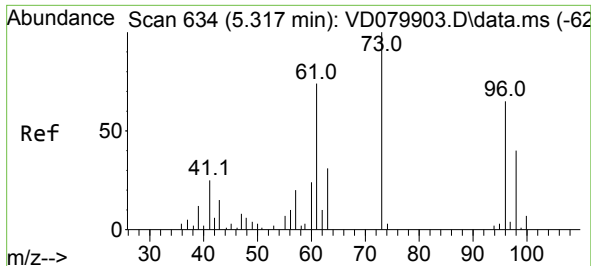
Tgt Ion: 43 Resp: 22821
Ion Ratio Lower Upper
43 100
74 23.3 11.9 17.9#



#16
Methylene chloride
Concen: 21.590 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 84 Resp: 55276
Ion Ratio Lower Upper
84 100
86 65.7 41.0 76.2
49 133.8 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 22.483 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

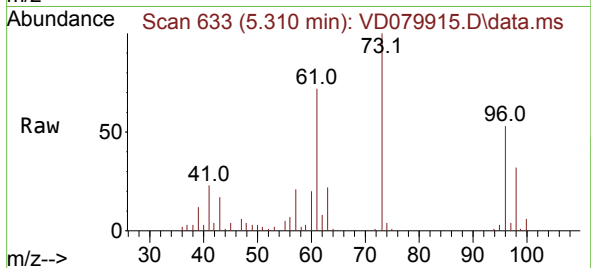
Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :



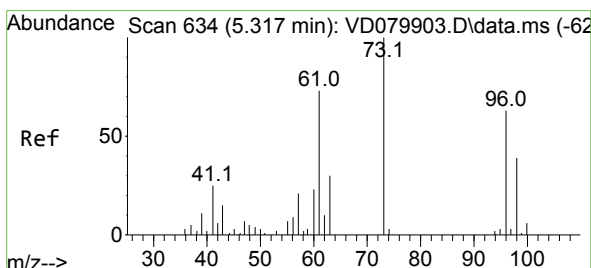
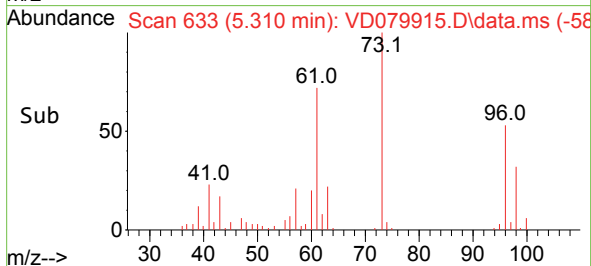
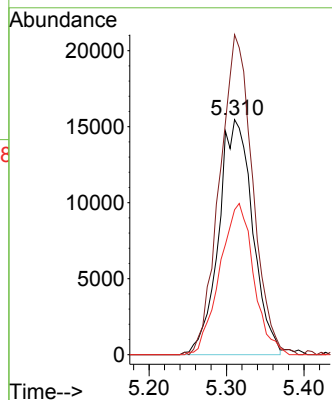
Tgt Ion: 96 Resp: 47162

Ion Ratio Lower Upper

96 100

61 136.1 88.7 164.7

98 61.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 24.356 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

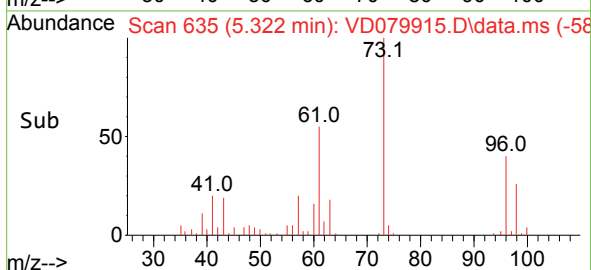
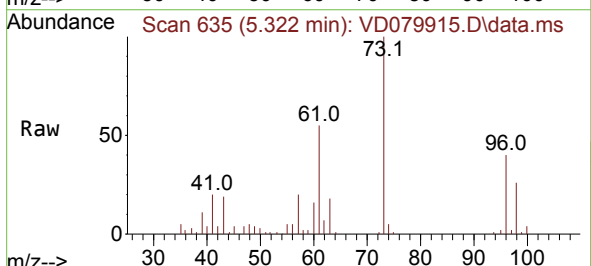
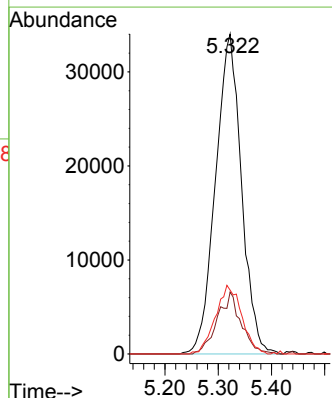
Tgt Ion: 73 Resp: 114936

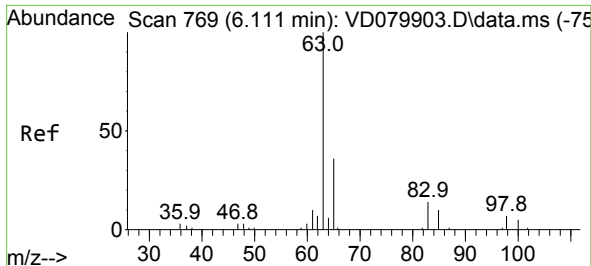
Ion Ratio Lower Upper

73 100

43 9.5 14.5 21.7#

57 21.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 23.758 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD079915.D

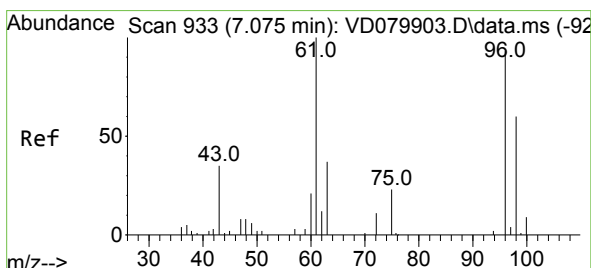
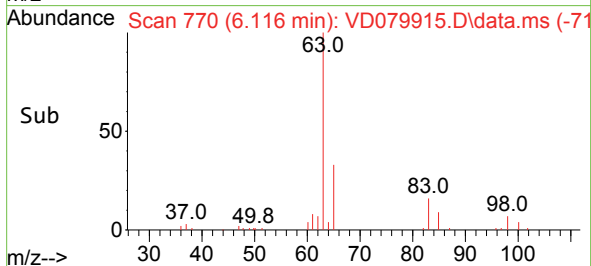
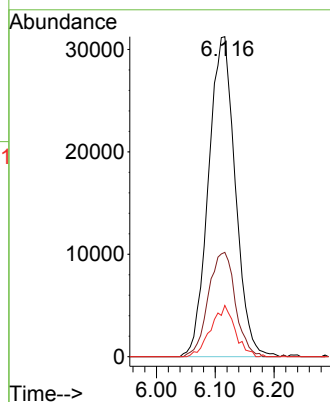
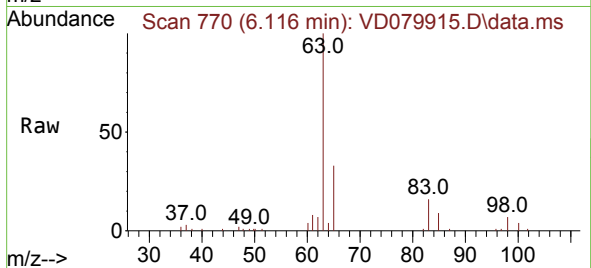
Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	63	Resp:	98993
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.6	42.0
83	16.0	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 24.767 ug/L

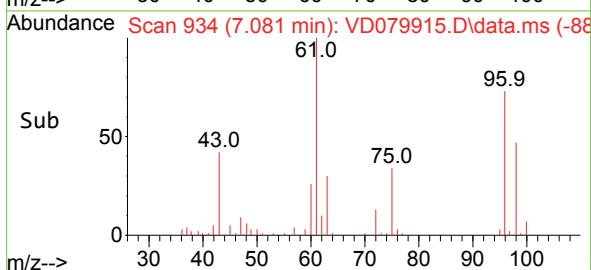
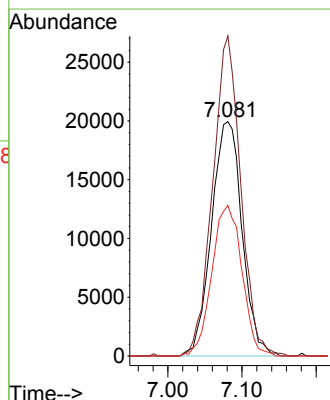
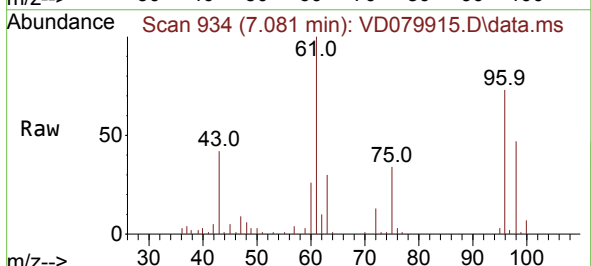
RT: 7.081 min Scan# 934

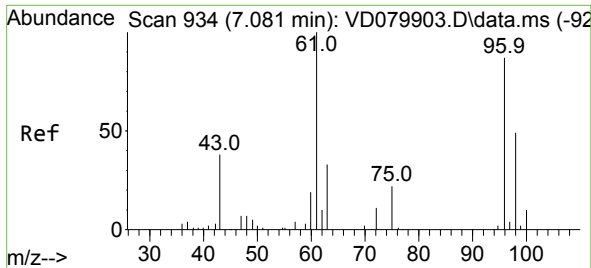
Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Tgt Ion:	96	Resp:	57204
Ion	Ratio	Lower	Upper
96	100		
61	136.5	83.8	155.6
98	64.2	45.9	85.3

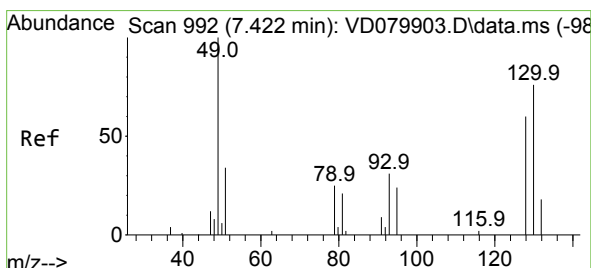
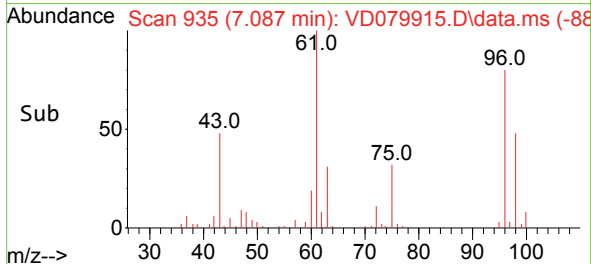
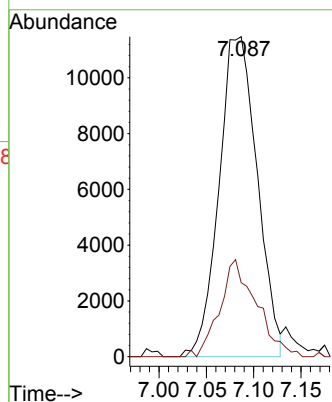
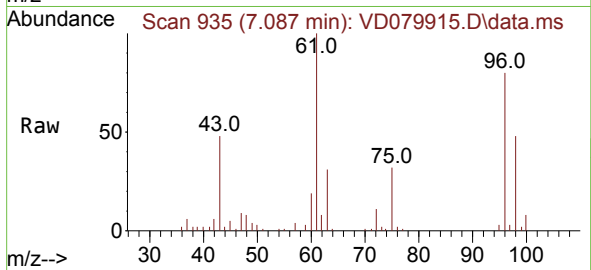




#22
2-Butanone
Concen: 43.029 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

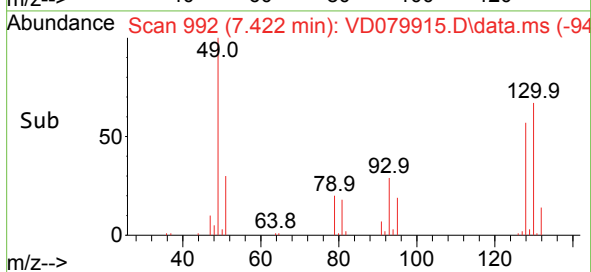
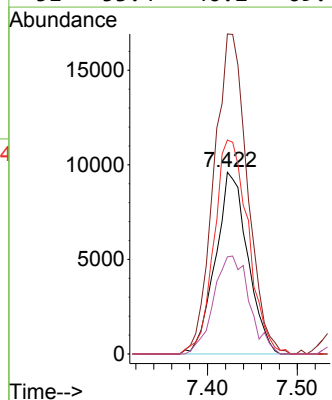
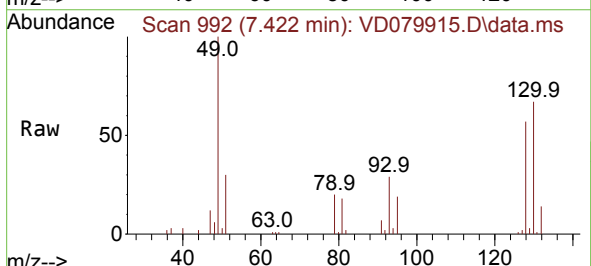
Instrument :
MSVOA_D
ClientSampleId :

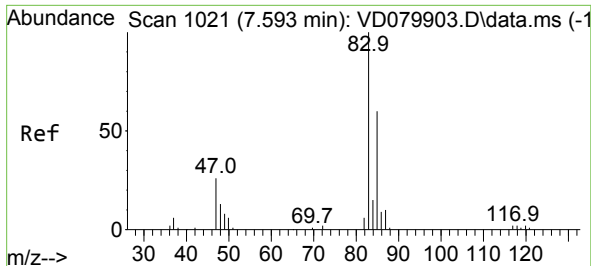
Tgt Ion: 43 Resp: 32214
Ion Ratio Lower Upper
43 100
72 28.8 13.1 39.3



#23
Bromochloromethane
Concen: 24.373 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:128 Resp: 23892
Ion Ratio Lower Upper
128 100
49 176.0 132.3 245.7
130 117.6 89.4 166.0
51 53.4 46.2 69.4





#25

Chloroform

Concen: 25.144 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

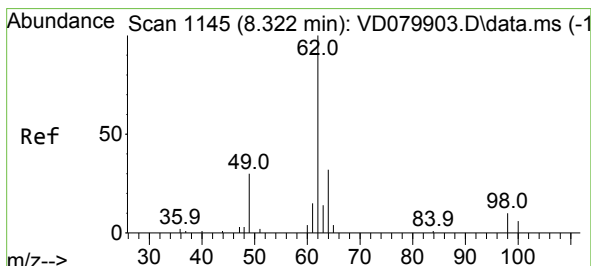
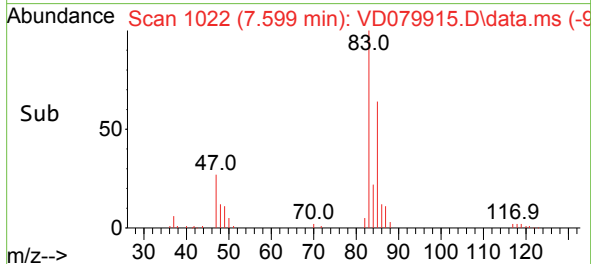
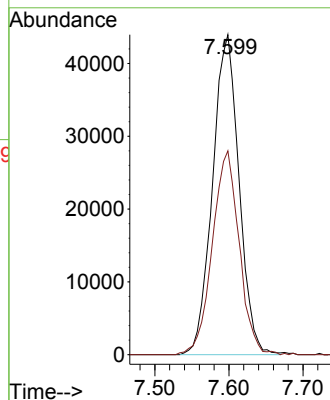
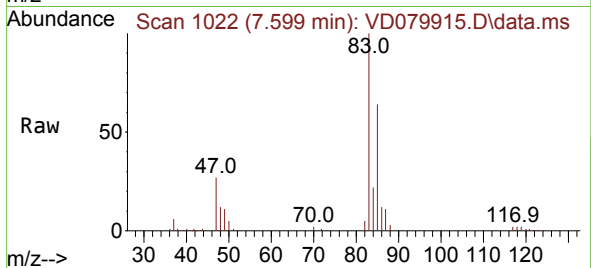
ClientSampleId :

Tgt Ion: 83 Resp: 109058

Ion Ratio Lower Upper

83 100

85 63.7 47.3 87.9



#27

1,2-Dichloroethane

Concen: 24.613 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD079915.D

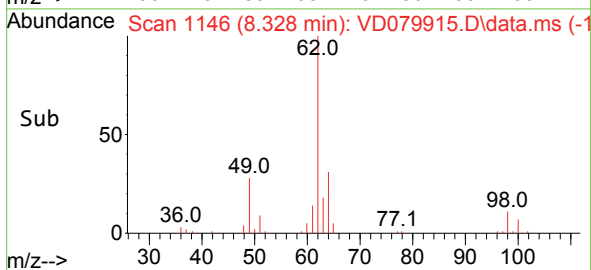
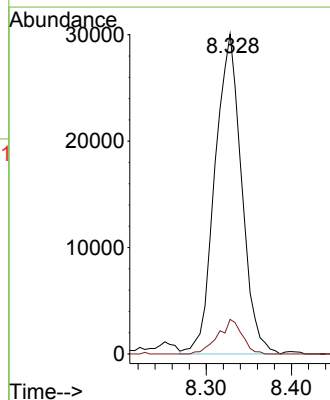
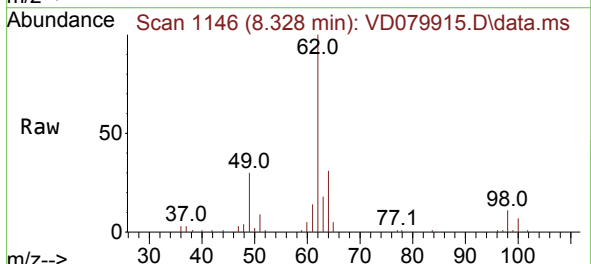
Acq: 26 Sep 2024 18:23

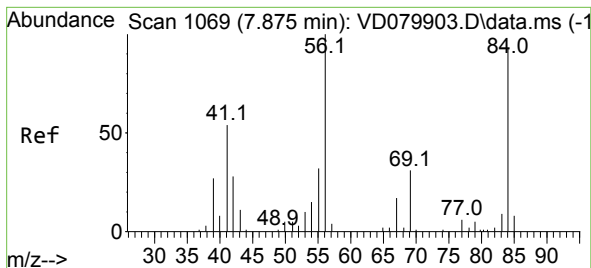
Tgt Ion: 62 Resp: 65248

Ion Ratio Lower Upper

62 100

98 10.8 7.5 11.3





#29

Cyclohexane

Concen: 20.796 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

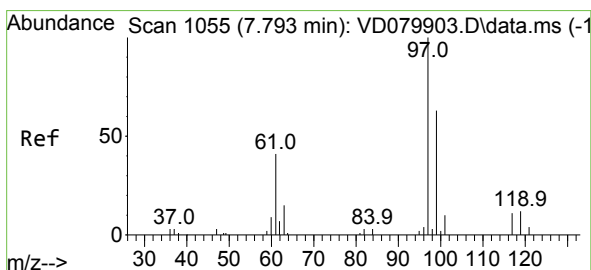
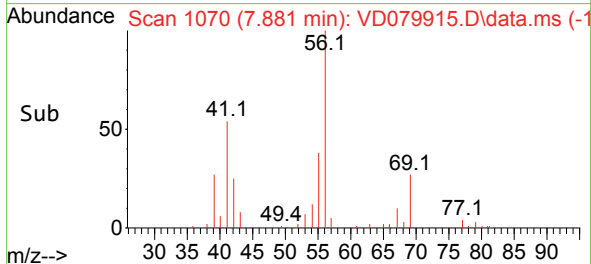
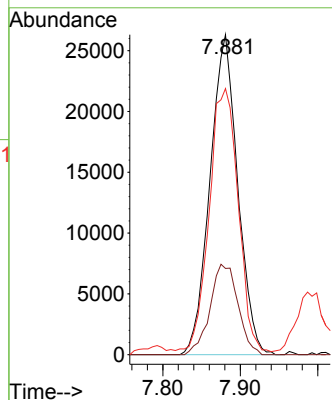
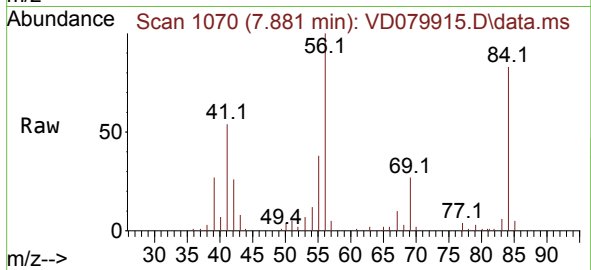
Tgt Ion: 56 Resp: 65433

Ion Ratio Lower Upper

56 100

69 28.4 22.8 34.2

84 85.3 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 24.367 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

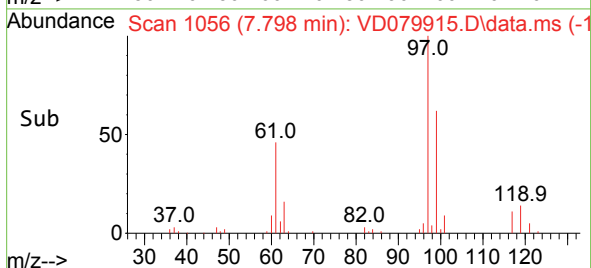
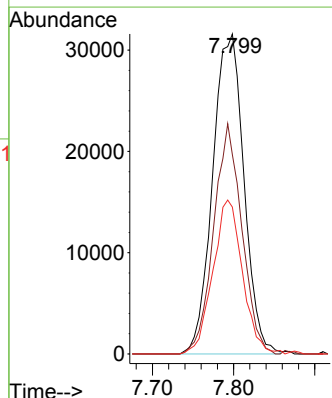
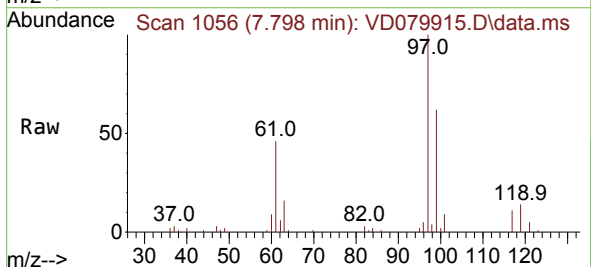
Tgt Ion: 97 Resp: 84489

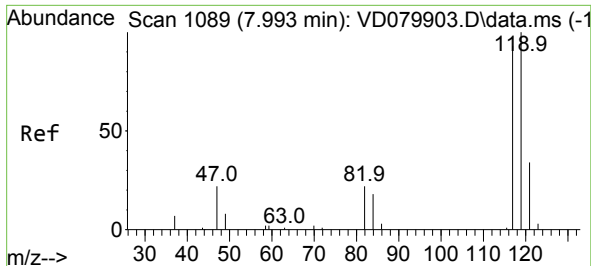
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

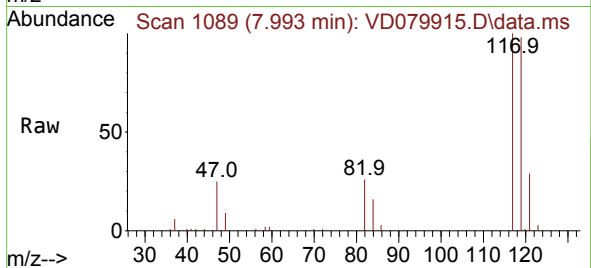
61 45.5 35.4 53.2



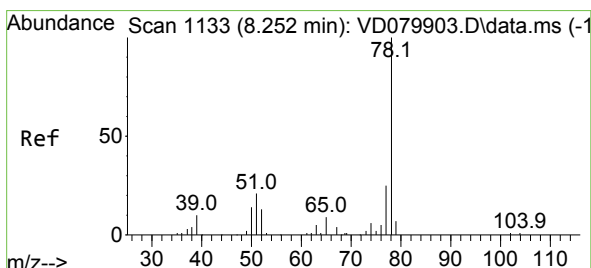
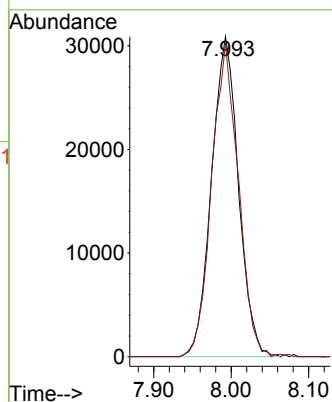
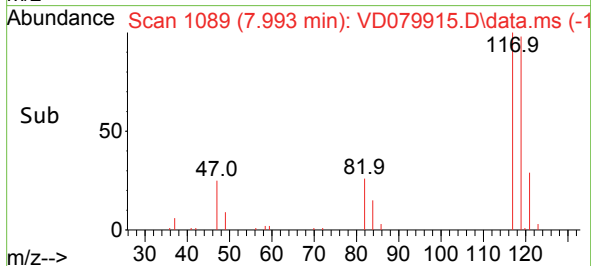


#31
Carbon tetrachloride
Concen: 24.281 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :

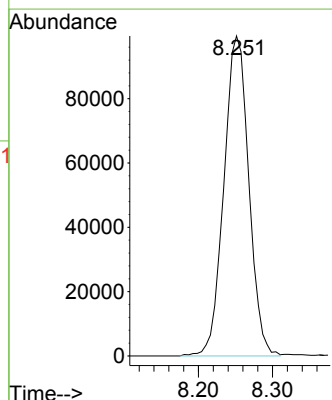
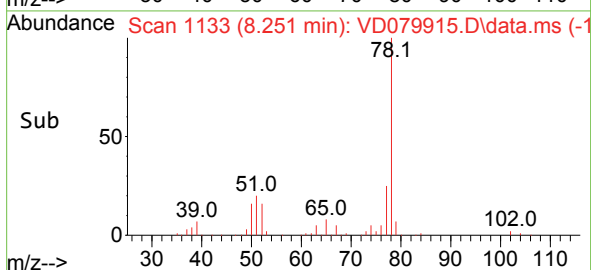
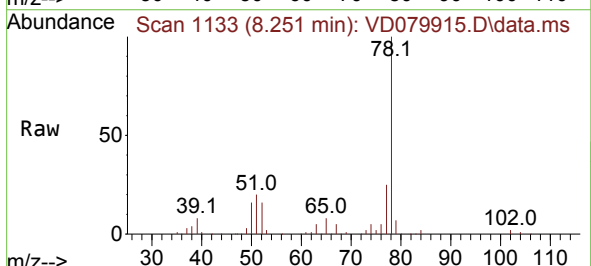


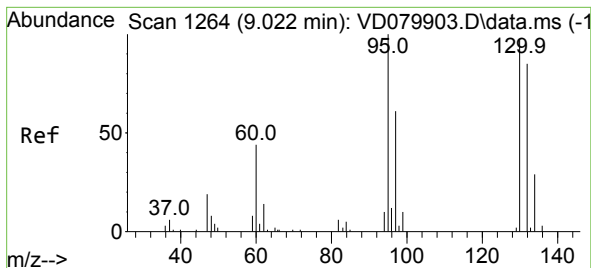
Tgt Ion:117 Resp: 74593
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0



#33
Benzene
Concen: 24.504 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 78 Resp: 232102





#34

Trichloroethene

Concen: 24.075 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 52691

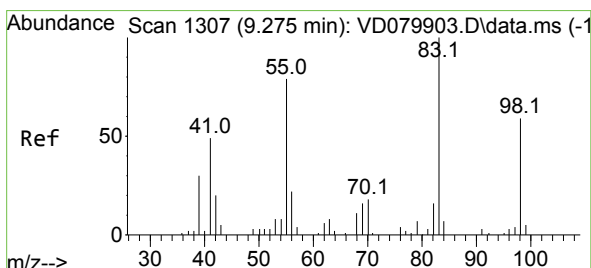
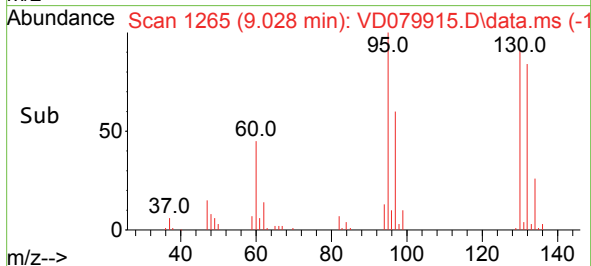
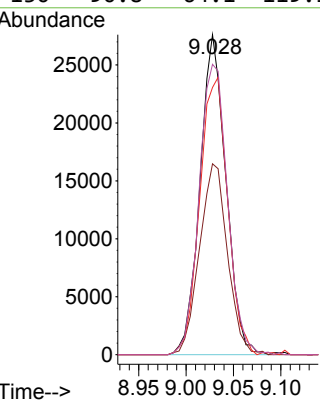
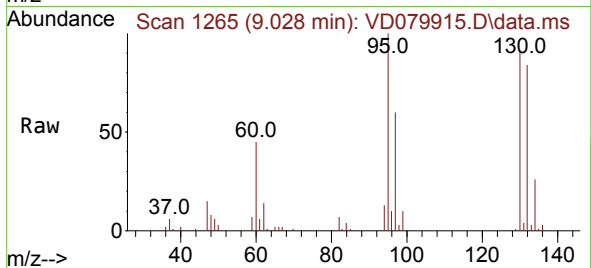
Ion Ratio Lower Upper

95 100

97 59.7 43.5 80.7

132 83.5 64.5 119.7

130 90.8 64.1 119.1



#35

Methylcyclohexane

Concen: 21.302 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

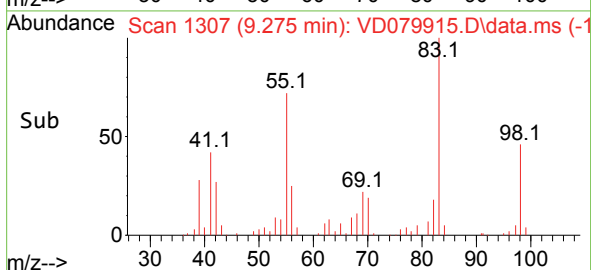
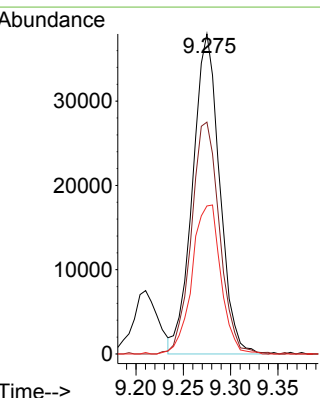
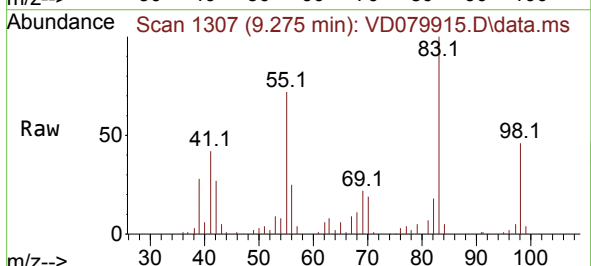
Tgt Ion: 83 Resp: 75238

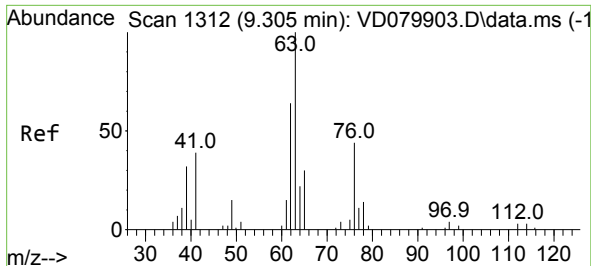
Ion Ratio Lower Upper

83 100

55 75.0 58.9 88.3

98 49.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 25.449 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

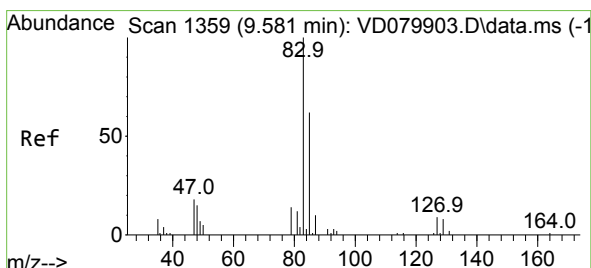
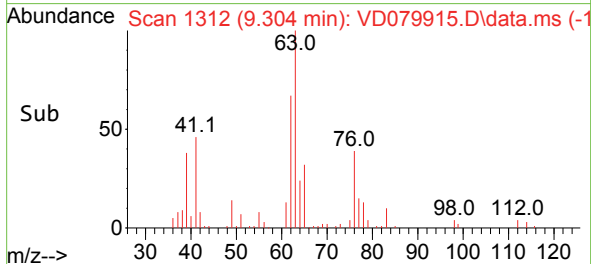
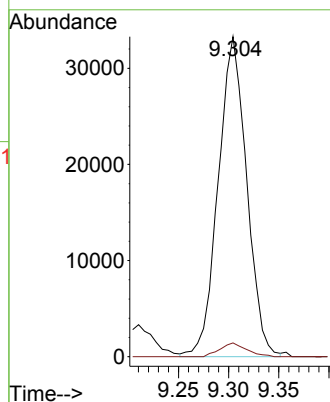
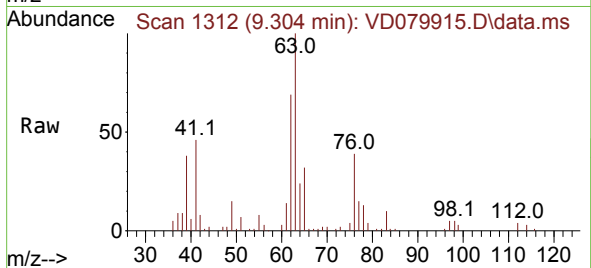
ClientSampleId :

Tgt Ion: 63 Resp: 65737

Ion Ratio Lower Upper

63 100

112 4.0 0.0 0.0#



#38

Bromodichloromethane

Concen: 25.564 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

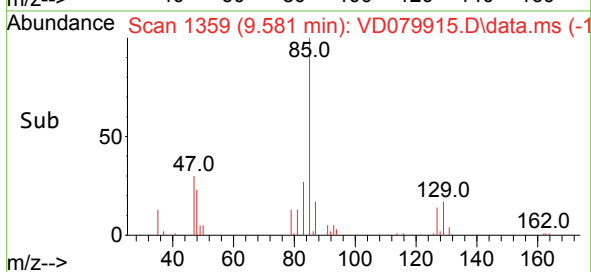
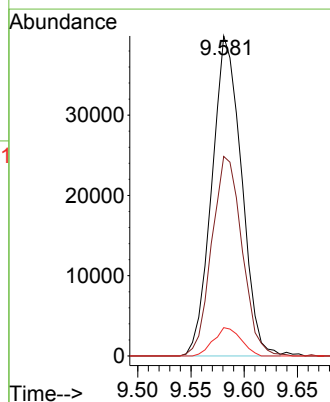
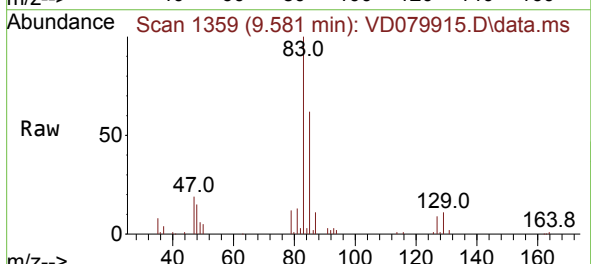
Tgt Ion: 83 Resp: 76944

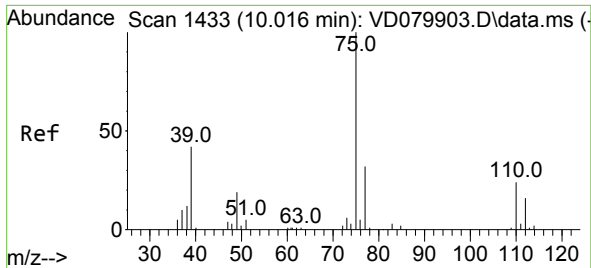
Ion Ratio Lower Upper

83 100

85 62.4 45.9 85.3

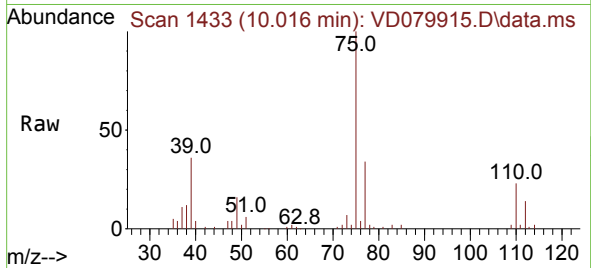
127 8.9 6.7 10.1



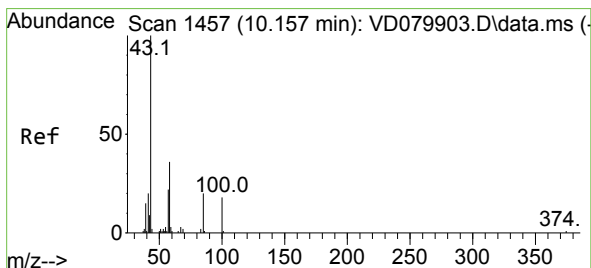
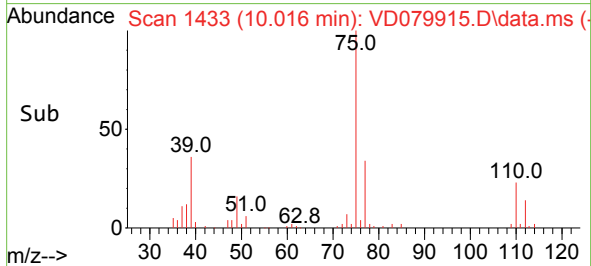
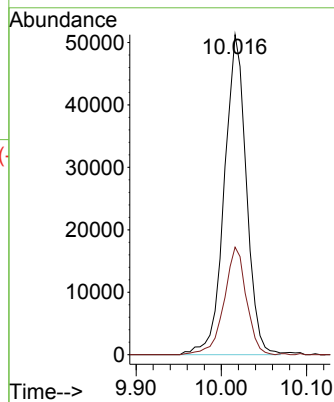


#39
cis-1,3-Dichloropropene
Concen: 25.385 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :

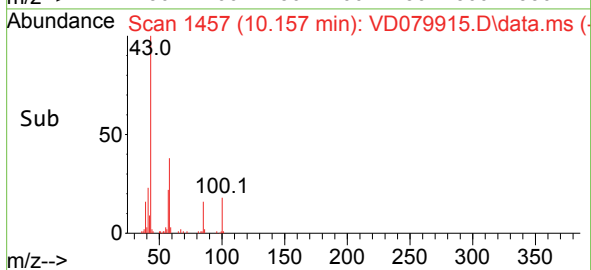
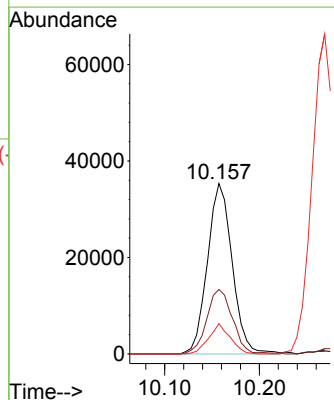
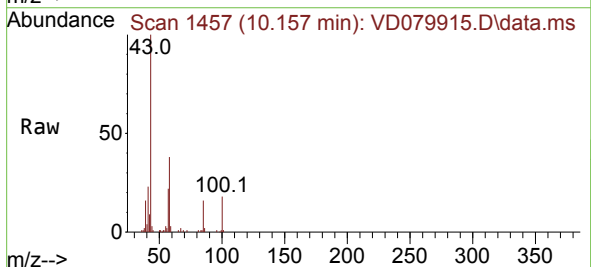


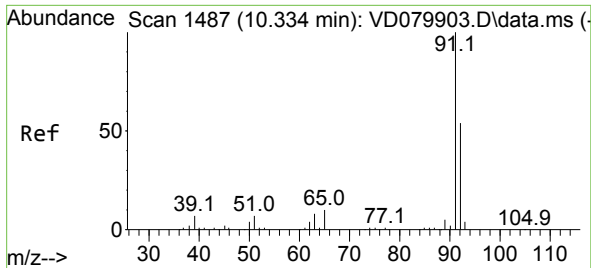
Tgt Ion: 75 Resp: 92080
Ion Ratio Lower Upper
75 100
77 33.6 24.1 44.8



#40
4-Methyl-2-pentanone
Concen: 47.466 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 43 Resp: 64183
Ion Ratio Lower Upper
43 100
58 38.9 31.1 46.7
100 15.4 11.8 17.6

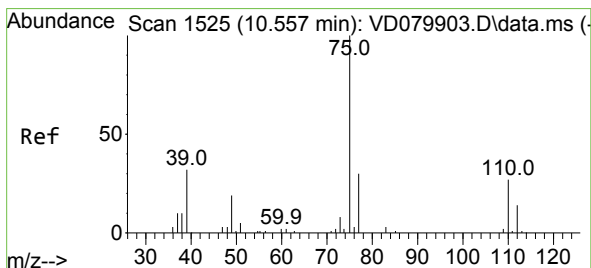
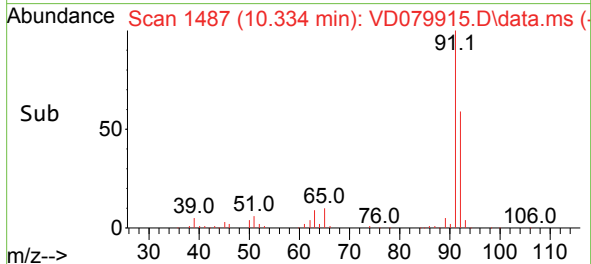
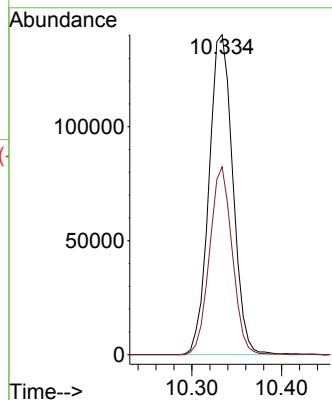
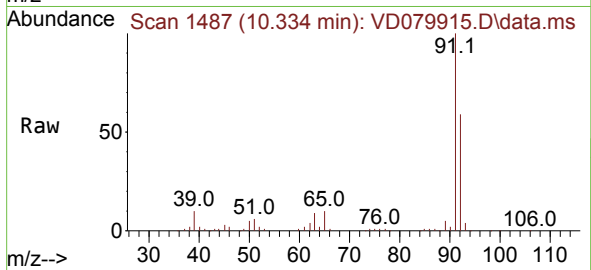




#42
Toluene
Concen: 25.958 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

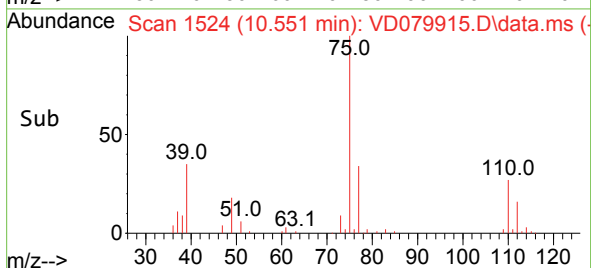
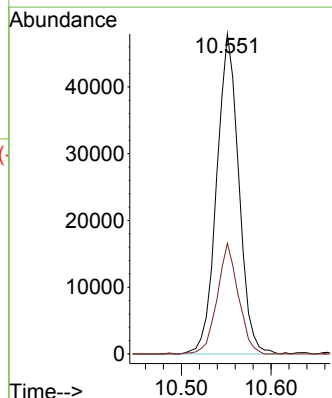
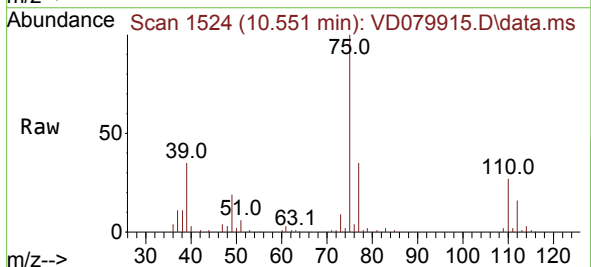
Instrument :
MSVOA_D
ClientSampleId :

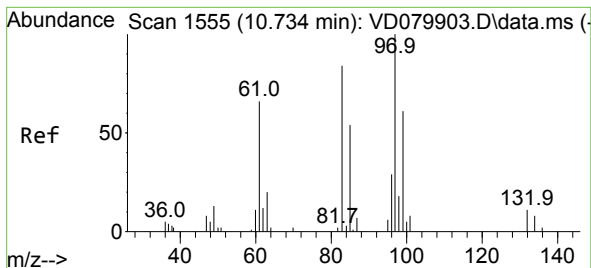
Tgt Ion: 91 Resp: 258984
Ion Ratio Lower Upper
91 100
92 58.7 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 25.653 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion: 75 Resp: 82006
Ion Ratio Lower Upper
75 100
77 34.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.654 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

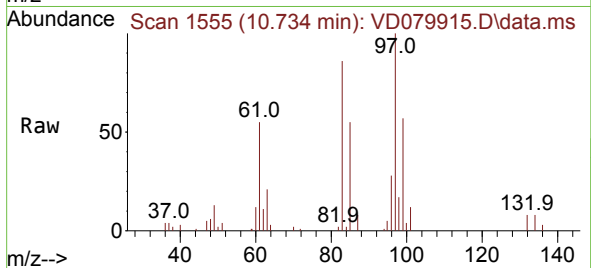
Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 45275

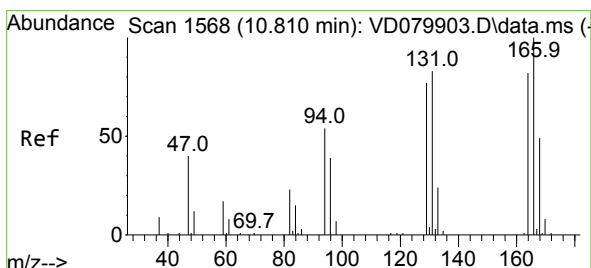
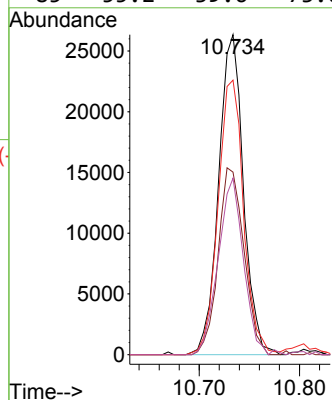
Ion Ratio Lower Upper

97 100

99 57.0 45.1 83.7

83 85.8 65.2 121.0

85 55.2 39.6 73.6



#46

Tetrachloroethene

Concen: 25.290 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Tgt Ion:164 Resp: 37578

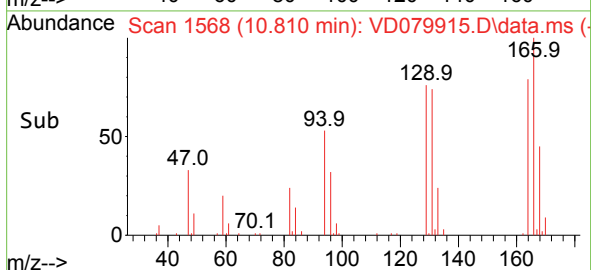
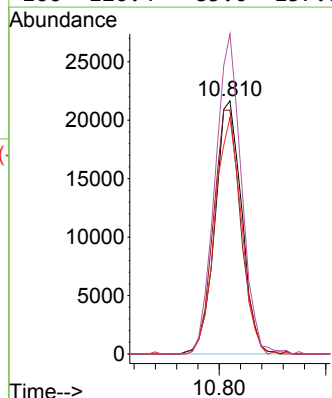
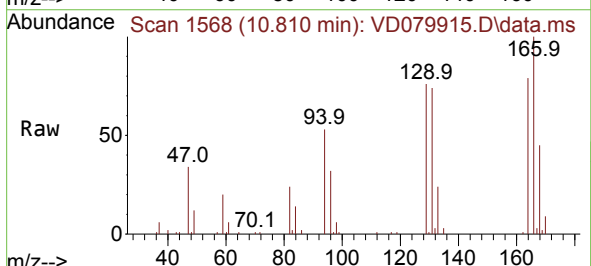
Ion Ratio Lower Upper

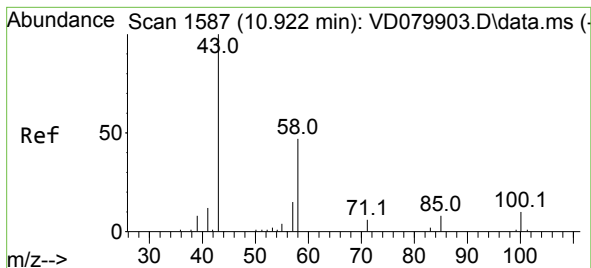
164 100

129 96.3 68.7 127.5

131 93.5 62.5 116.1

166 126.4 85.0 157.8





#48

2-Hexanone

Concen: 48.417 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

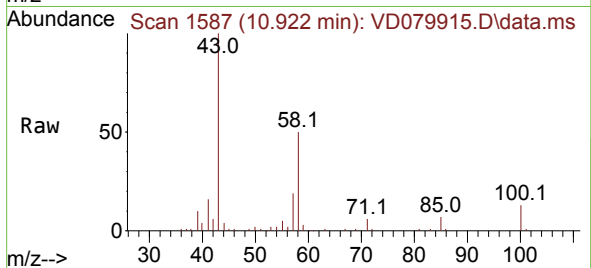
Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 53253

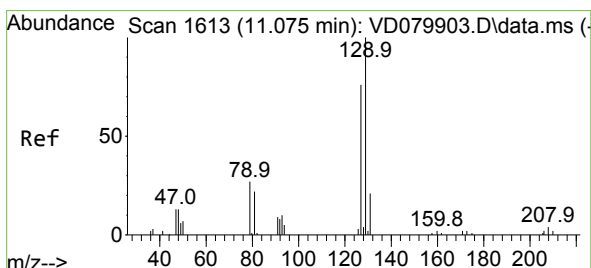
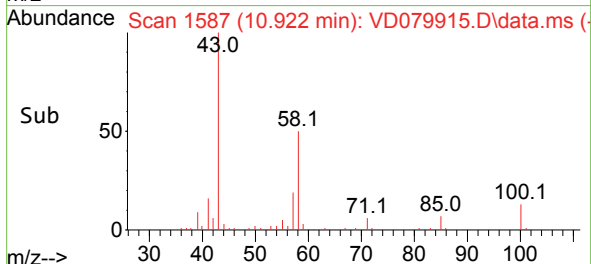
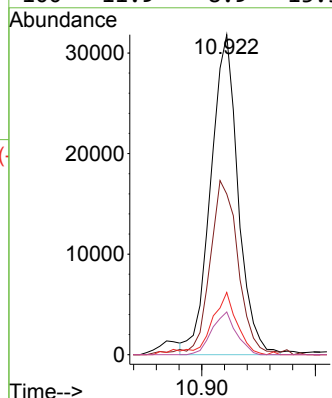
Ion Ratio Lower Upper

43 100

58 55.1 44.7 67.1

57 16.9 13.6 20.4

100 11.9 8.9 13.3



#49

Dibromochloromethane

Concen: 25.742 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079915.D

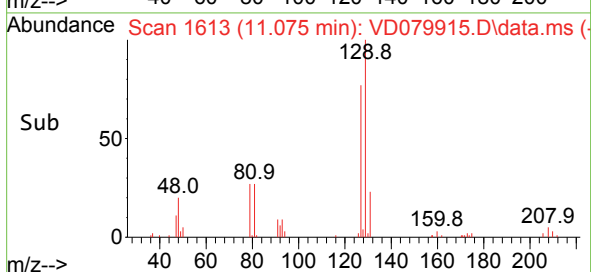
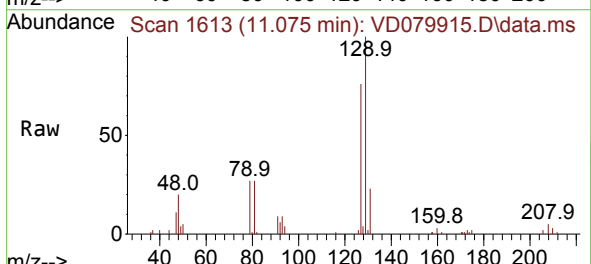
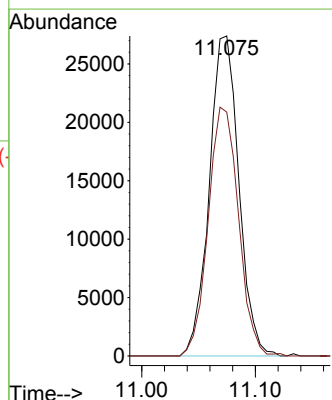
Acq: 26 Sep 2024 18:23

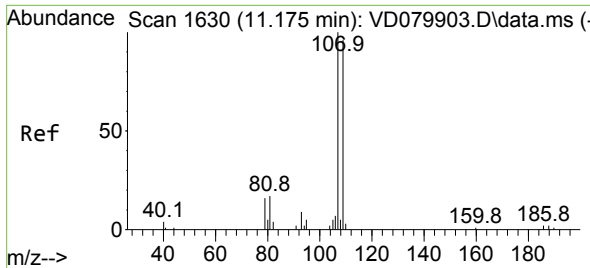
Tgt Ion: 129 Resp: 49587

Ion Ratio Lower Upper

129 100

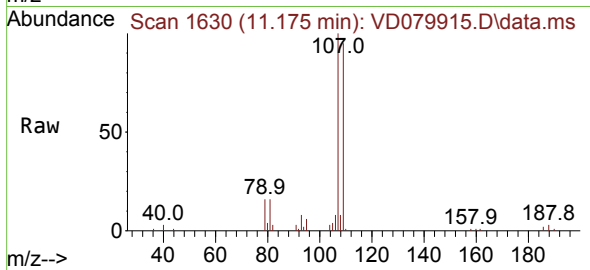
127 76.2 55.2 102.6



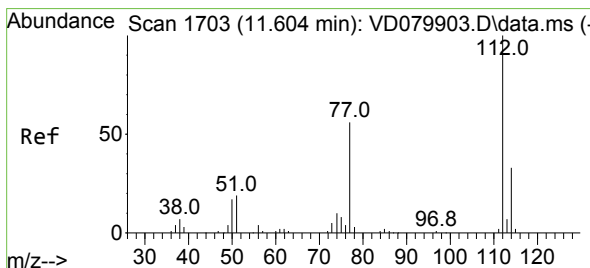
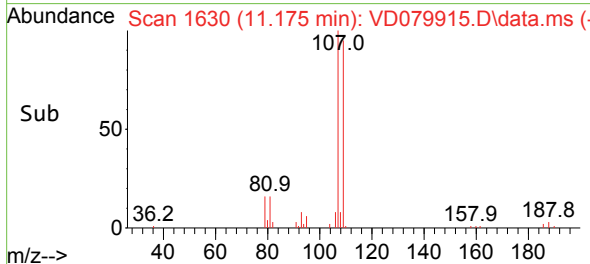
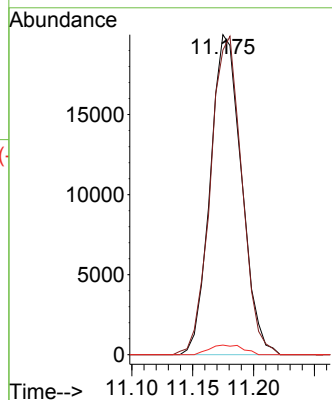


#50
1,2-Dibromoethane
Concen: 23.470 ug/L
RT: 11.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :

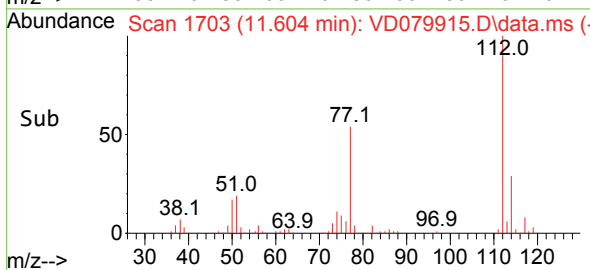
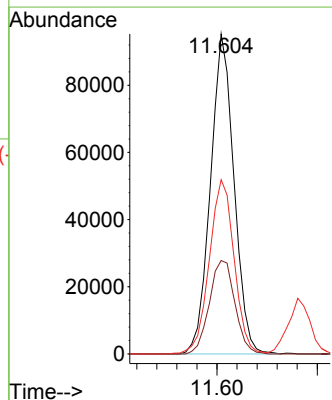
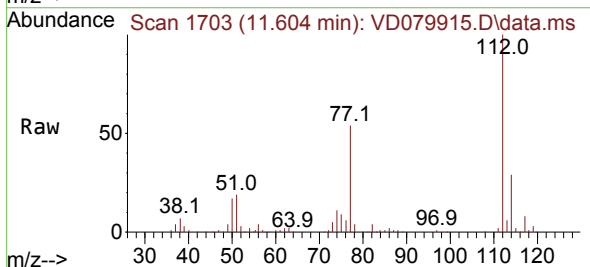


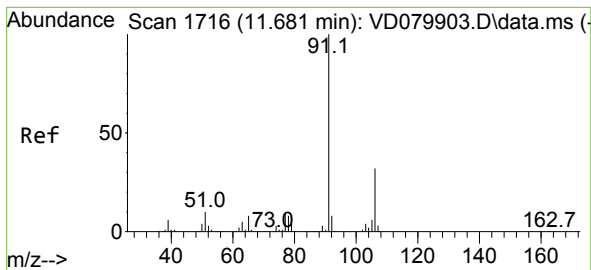
Tgt Ion:107 Resp: 35775
Ion Ratio Lower Upper
107 100
109 95.2 61.5 114.1
188 3.0 2.3 3.5



#51
Chlorobenzene
Concen: 25.941 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:112 Resp: 155324
Ion Ratio Lower Upper
112 100
114 29.2 22.0 41.0
77 54.5 46.7 70.1

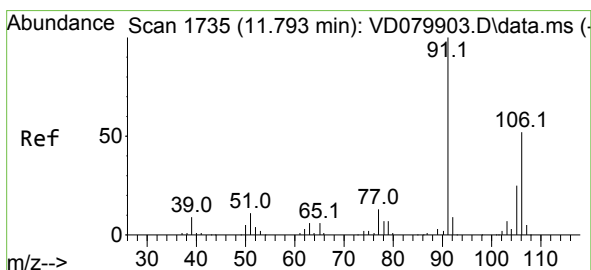
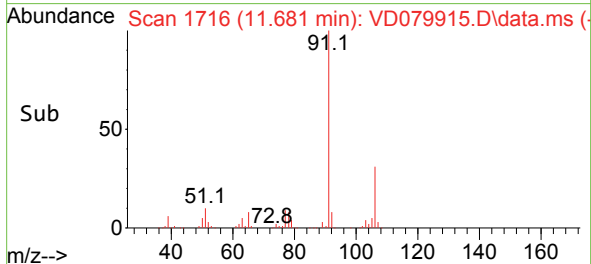
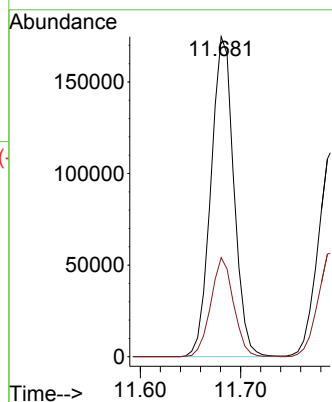
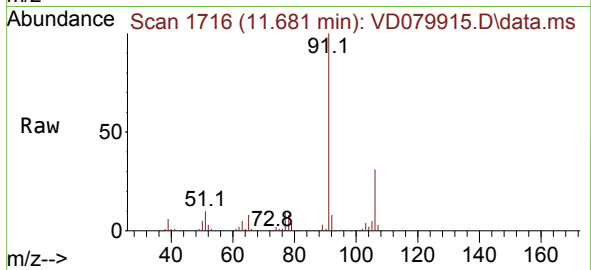




#52
Ethylbenzene
Concen: 26.509 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

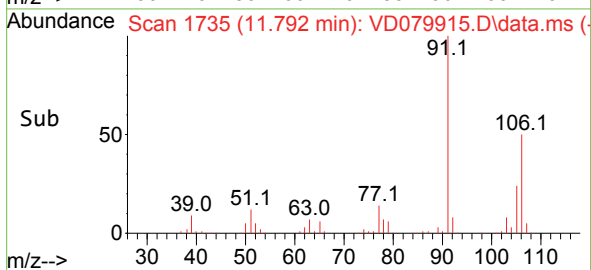
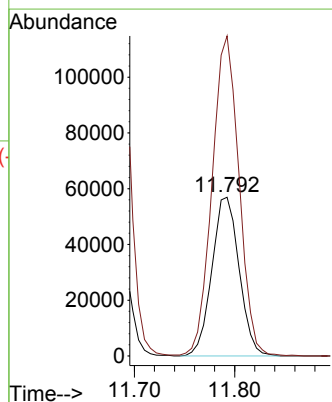
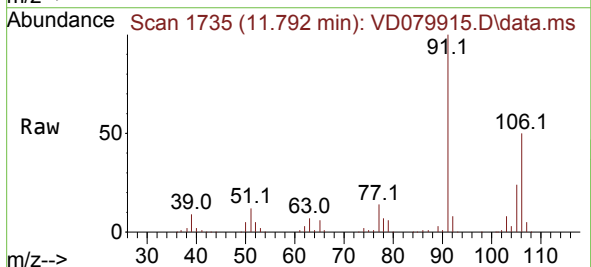
Instrument :
MSVOA_D
ClientSampleId :

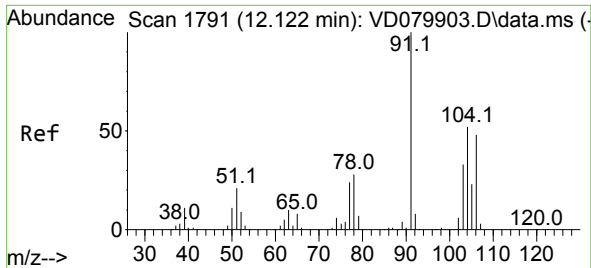
Tgt Ion: 91 Resp: 277840
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 27.096 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:106 Resp: 107567
Ion Ratio Lower Upper
106 100
91 201.7 138.3 256.9

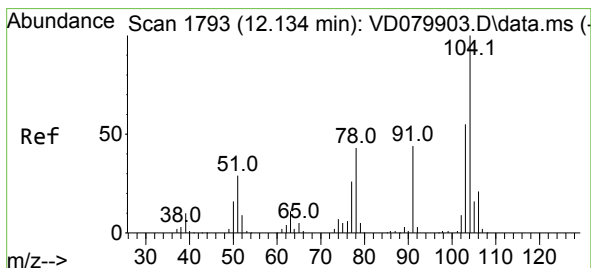
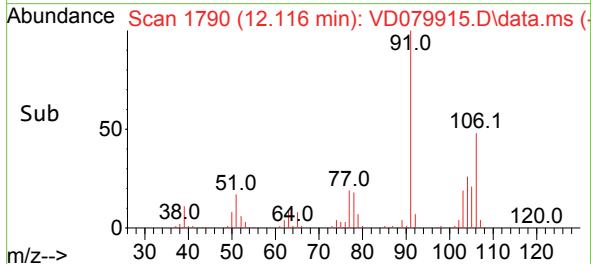
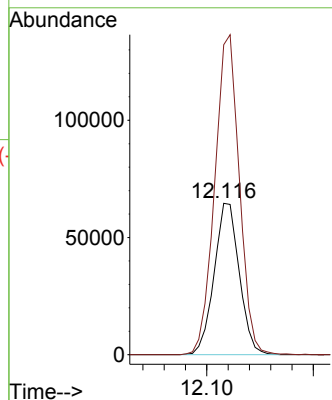
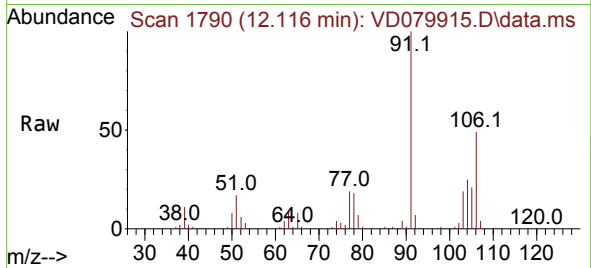




#54
o-Xylene
Concen: 27.184 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

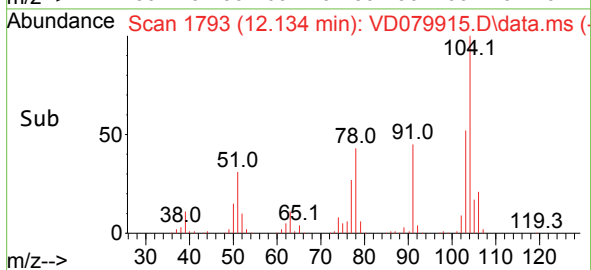
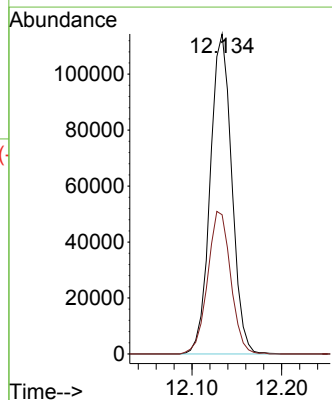
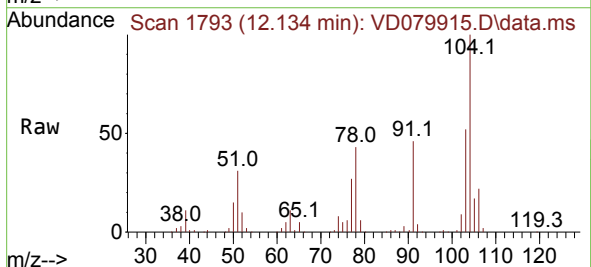
Instrument :
MSVOA_D
ClientSampleId :

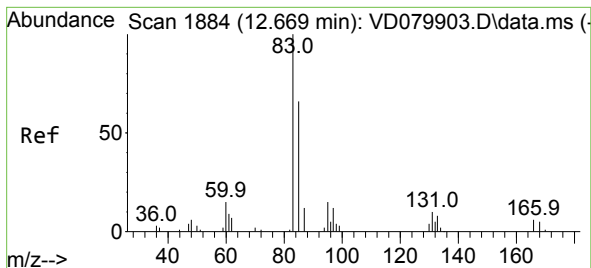
Tgt Ion:106 Resp: 105813
Ion Ratio Lower Upper
106 100
91 204.7 152.6 283.4



#55
Styrene
Concen: 27.875 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:104 Resp: 190691
Ion Ratio Lower Upper
104 100
78 43.5 30.7 57.1

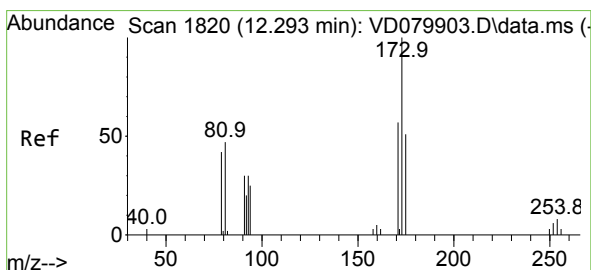
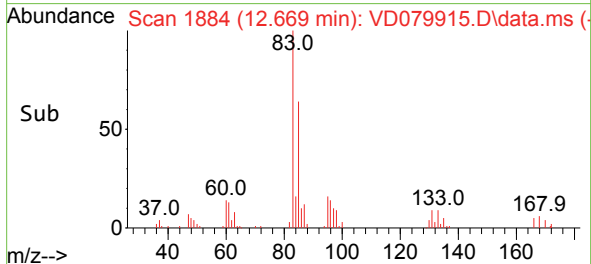
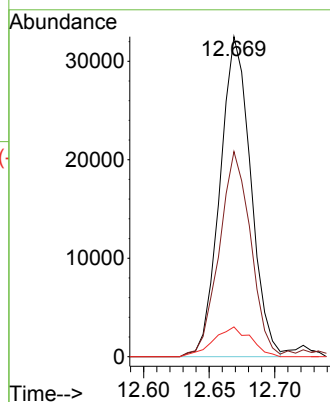
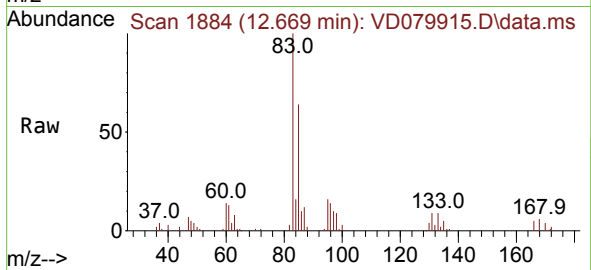




#57
1,1,2,2-Tetrachloroethane
Concen: 25.664 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

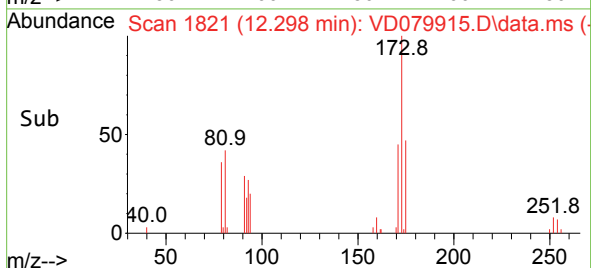
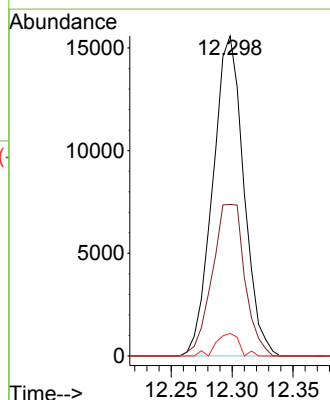
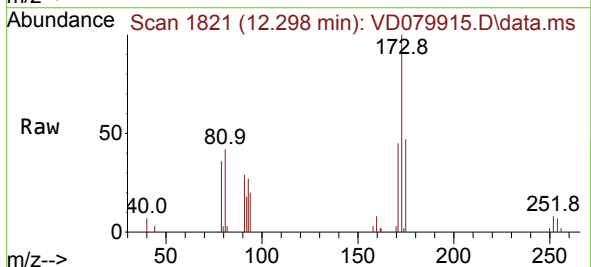
Instrument :
MSVOA_D
ClientSampleId :

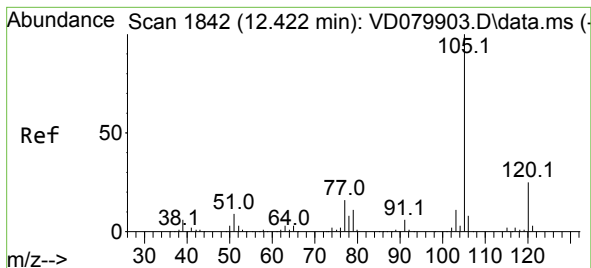
Tgt Ion: 83 Resp: 53090
Ion Ratio Lower Upper
83 100
85 64.1 46.8 87.0
131 9.3 6.5 9.7



#59
Bromoform
Concen: 24.510 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:173 Resp: 27554
Ion Ratio Lower Upper
173 100
175 49.9 39.2 58.8
254 4.7 5.5 8.3#





#60

Isopropylbenzene

Concen: 25.242 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

Instrument :

MSVOA_D

ClientSampleId :

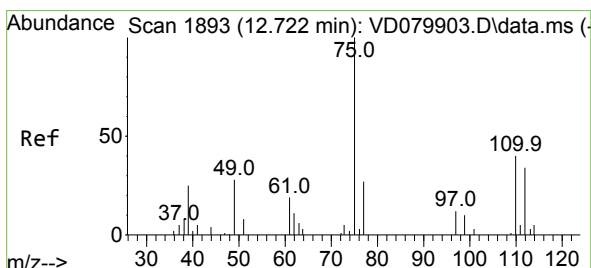
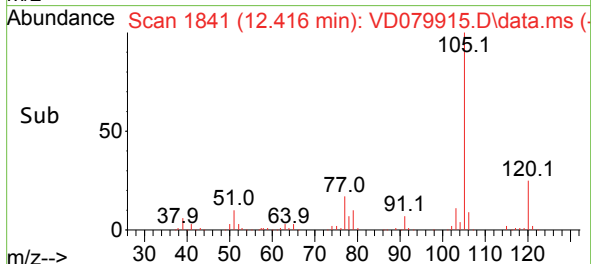
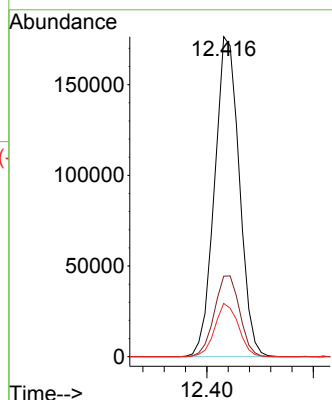
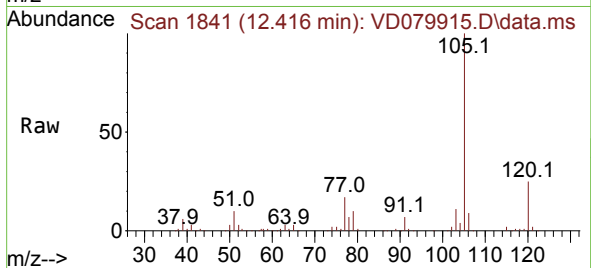
Tgt Ion:105 Resp: 283804

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.653 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079915.D

Acq: 26 Sep 2024 18:23

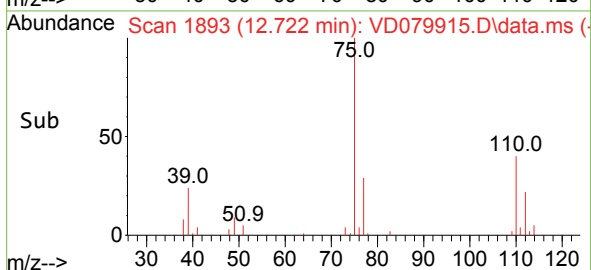
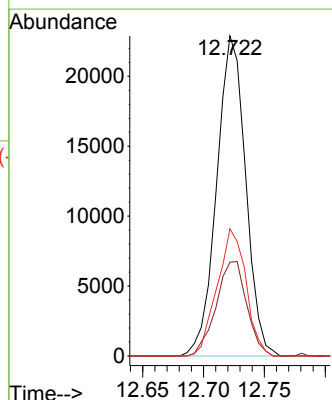
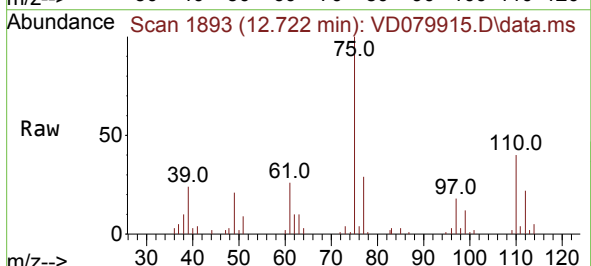
Tgt Ion: 75 Resp: 37863

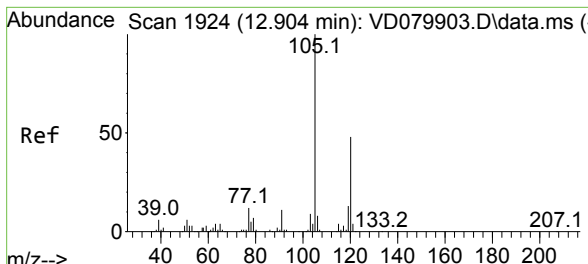
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

110 39.6 30.1 45.1

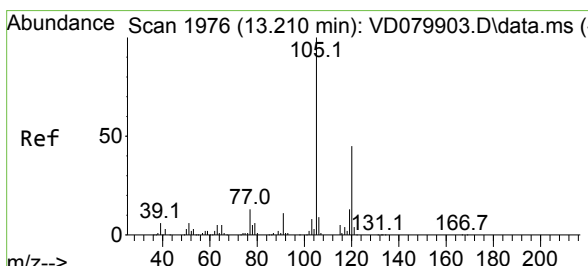
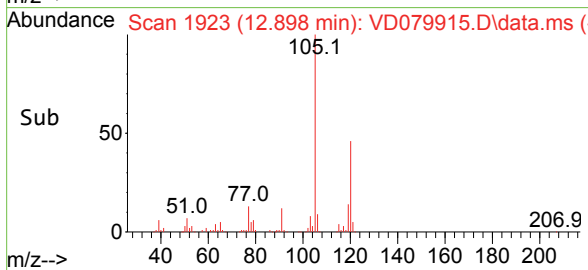
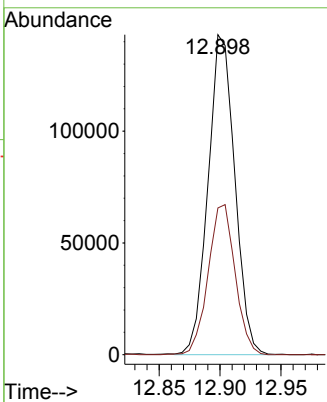
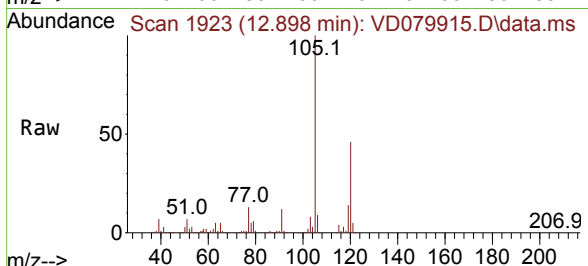




#62
 1,3,5-Trimethylbenzene
 Concen: 26.608 ug/L
 RT: 12.898 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

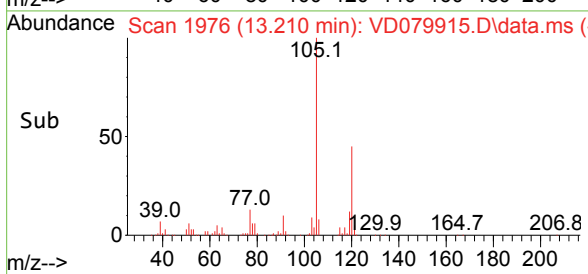
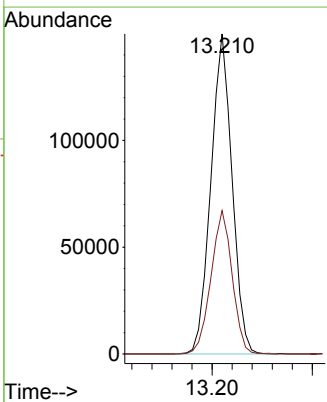
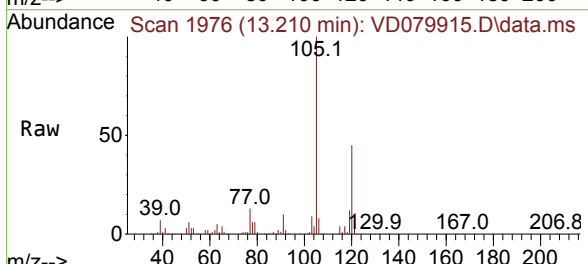
Instrument :
 MSVOA_D
 ClientSampleId :

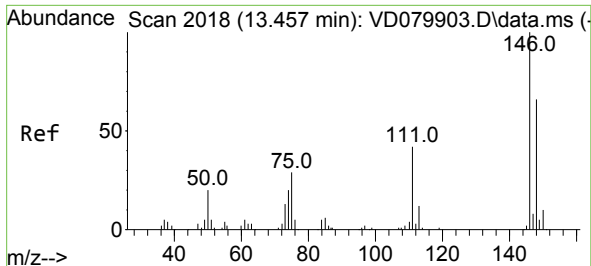
Tgt Ion:105 Resp: 218790
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 25.486 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

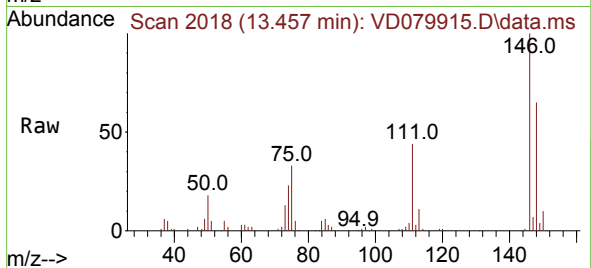
Tgt Ion:105 Resp: 219770
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.3 54.5



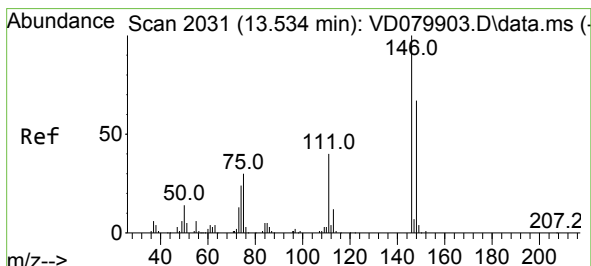
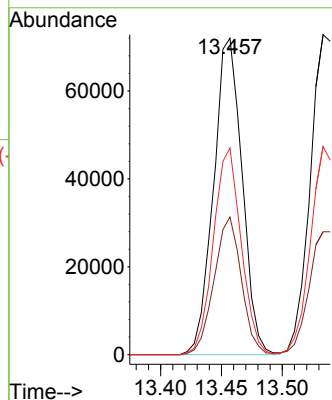
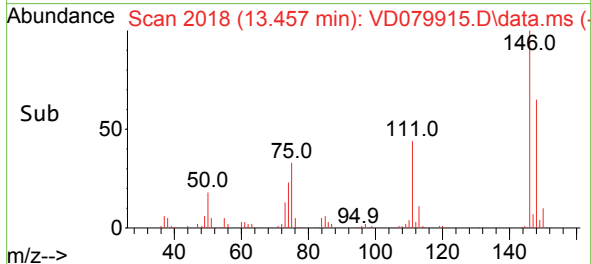


#64
1,3-Dichlorobenzene
Concen: 25.342 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

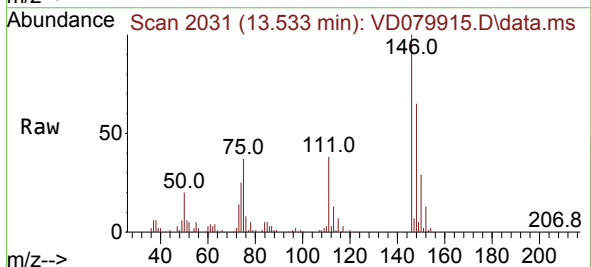
Instrument :
MSVOA_D
ClientSampleId :



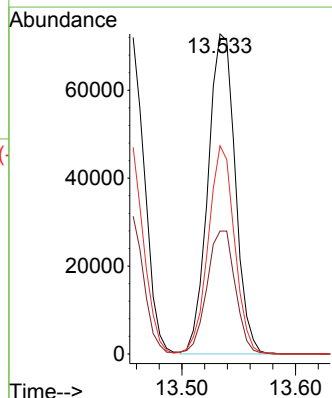
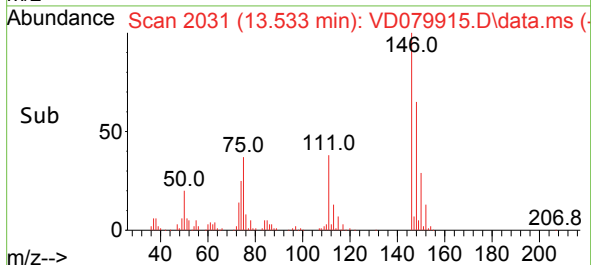
Tgt Ion:146 Resp: 117750
Ion Ratio Lower Upper
146 100
111 43.5 27.4 50.8
148 65.3 45.6 84.8

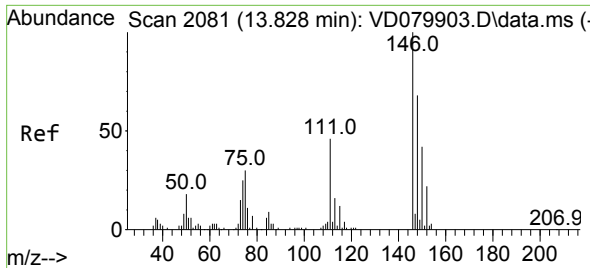


#65
1,4-Dichlorobenzene
Concen: 24.926 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23



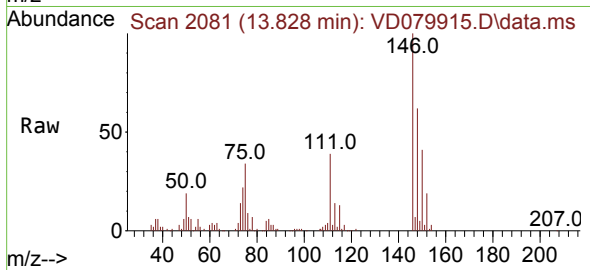
Tgt Ion:146 Resp: 121481
Ion Ratio Lower Upper
146 100
111 38.4 27.6 51.4
148 65.1 46.1 85.7



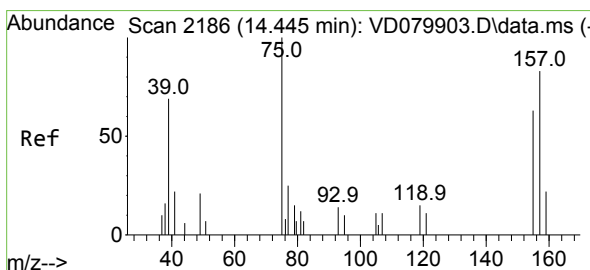
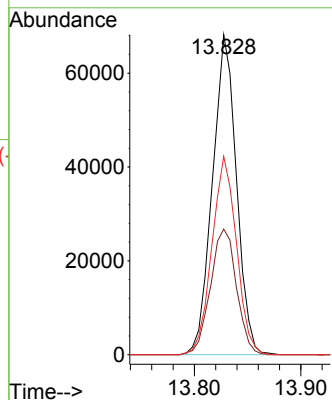
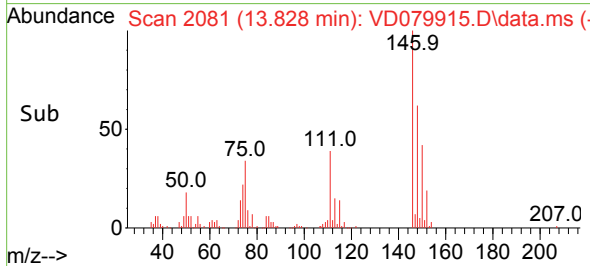


#67
 1,2-Dichlorobenzene
 Concen: 25.425 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

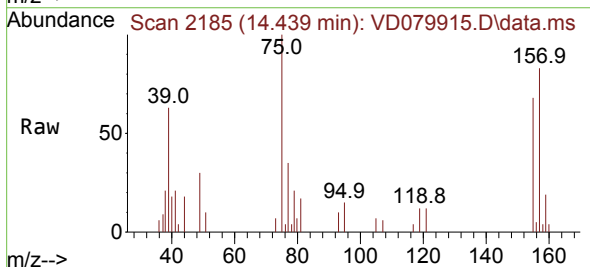
Instrument :
 MSVOA_D
 ClientSampleId :



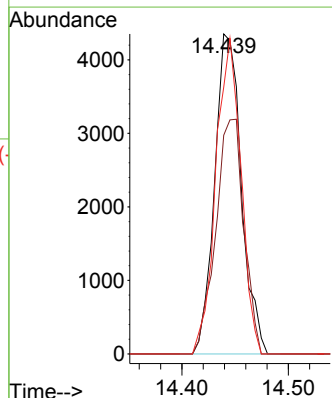
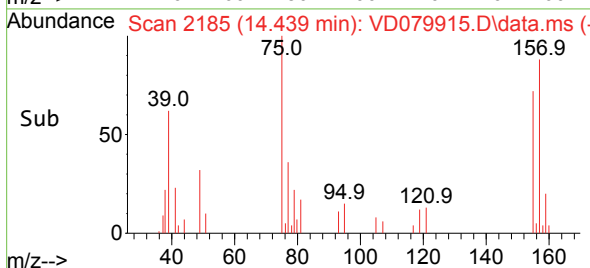
Tgt Ion:146 Resp: 106776
 Ion Ratio Lower Upper
 146 100
 111 39.3 36.9 55.3
 148 61.9 51.8 77.8

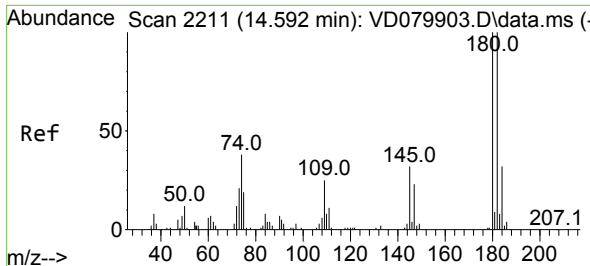


#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.116 ug/L
 RT: 14.439 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23



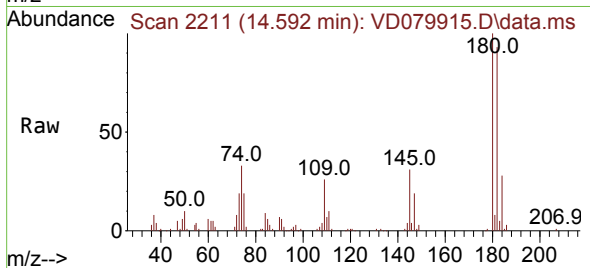
Tgt Ion: 75 Resp: 7571
 Ion Ratio Lower Upper
 75 100
 155 68.3 57.2 85.8
 157 83.4 59.7 89.5



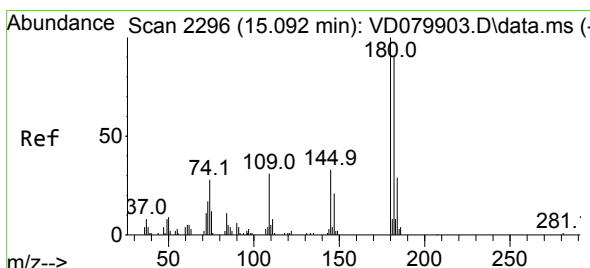
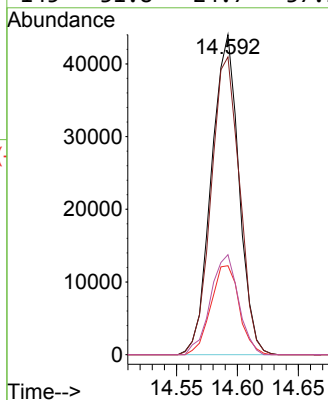
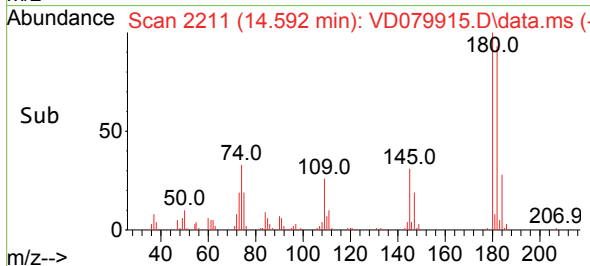


#69
 1,3,5-Trichlorobenzene
 Concen: 24.622 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23

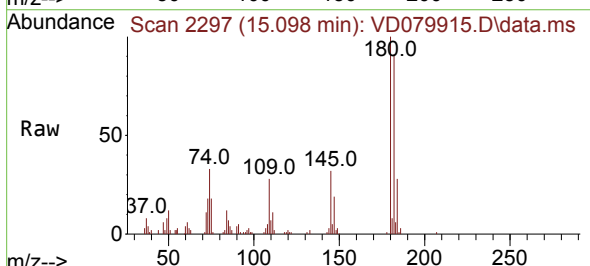
Instrument :
 MSVOA_D
 ClientSampleId :



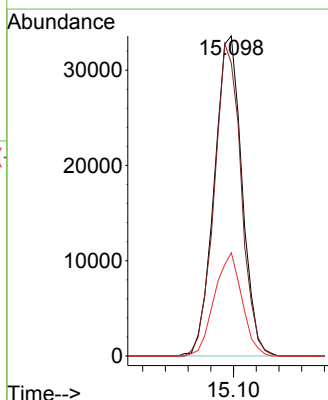
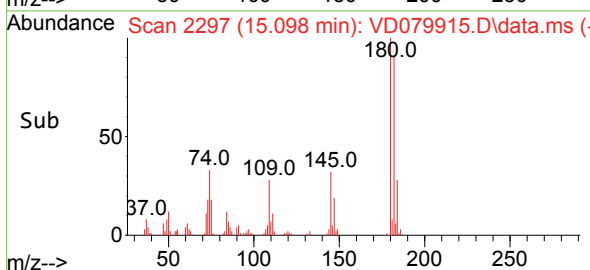
Tgt Ion:180 Resp: 69370
 Ion Ratio Lower Upper
 180 100
 182 96.0 72.6 109.0
 184 28.8 24.2 36.2
 145 31.8 24.7 37.1

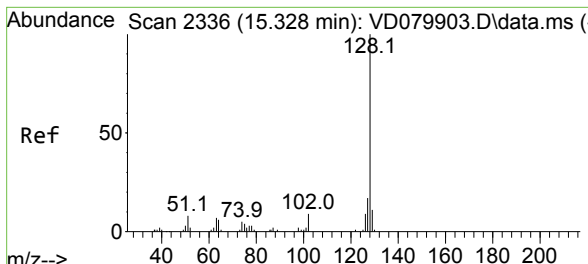


#70
 1,2,4-trichlorobenzene
 Concen: 23.923 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD079915.D
 Acq: 26 Sep 2024 18:23



Tgt Ion:180 Resp: 56747
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.9 113.9
 145 32.1 26.6 40.0

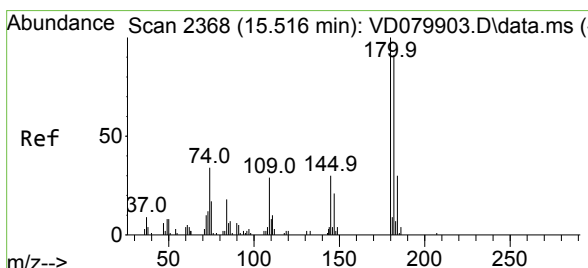
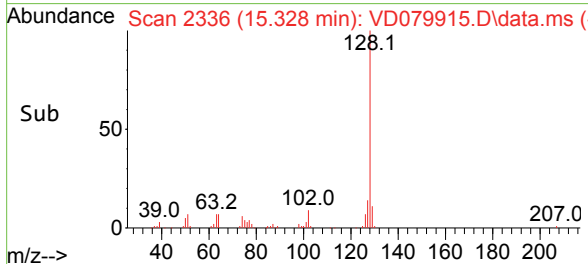
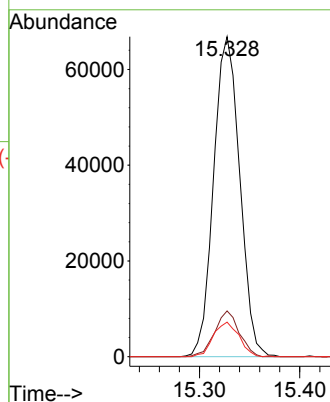
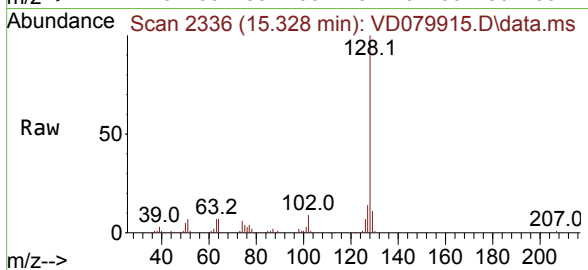




#71
Naphthalene
Concen: 22.853 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	121079
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.2	16.8
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.183 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079915.D
Acq: 26 Sep 2024 18:23

Tgt Ion:	180	Resp:	51312
Ion Ratio	Lower	Upper	
180	100		
182	97.9	74.1	111.1
145	35.0	26.4	39.6

