

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
 Data File : VD079903.D
 Acq On : 26 Sep 2024 11:51
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 01:25:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 01:23:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	95108	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	90380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	43841	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	82415	19.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
7) Chloroethane-d5	2.805	69	81245	24.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.240%
11) 1,1-Dichloroethene-d2	3.911	65	8367	11.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.560%#
21) 2-Butanone-d5	6.993	46	14213	36.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.980%
24) Chloroform-d	7.569	84	76490	24.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.228	65	39154	23.950	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	8.199	84	164348	25.757	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	9.210	67	47501	24.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.269	98	149235	26.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.320%
43) trans-1,3-Dichloroprop...	10.522	79	18605	22.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.560%
47) 2-Hexanone-d5	10.875	63	12557	39.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34981	24.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	42025	25.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35309	19.470	ug/L	99
3) Chloromethane	2.146	50	64361	20.245	ug/L	99
5) Vinyl chloride	2.287	62	88105	22.616	ug/L	100
6) Bromomethane	2.699	94	59876	30.525	ug/L	100
8) Chloroethane	2.840	64	65804	25.568	ug/L	99
9) Trichlorofluoromethane	3.175	101	68999	24.634	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	41554	26.802	ug/L	98
12) 1,1-Dichloroethene	3.946	96	35833	24.814	ug/L #	71
13) Acetone	4.022	43	16328	34.855	ug/L	99
14) Carbon disulfide	4.269	76	103805	22.099	ug/L	97
15) Methyl Acetate	4.564	43	13922	18.657	ug/L #	89
16) Methylene chloride	4.799	84	44970	23.929	ug/L	91
17) trans-1,2-Dichloroethene	5.317	96	38038	24.704	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	69103	19.950	ug/L #	92
19) 1,1-Dichloroethane	6.111	63	77625	25.381	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	39907	23.539	ug/L	93
22) 2-Butanone	7.081	43	18006	32.766	ug/L	96
23) Bromochloromethane	7.422	128	15803	21.963	ug/L	92
25) Chloroform	7.593	83	79840	25.078	ug/L	91

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 Response via : Initial Calibration

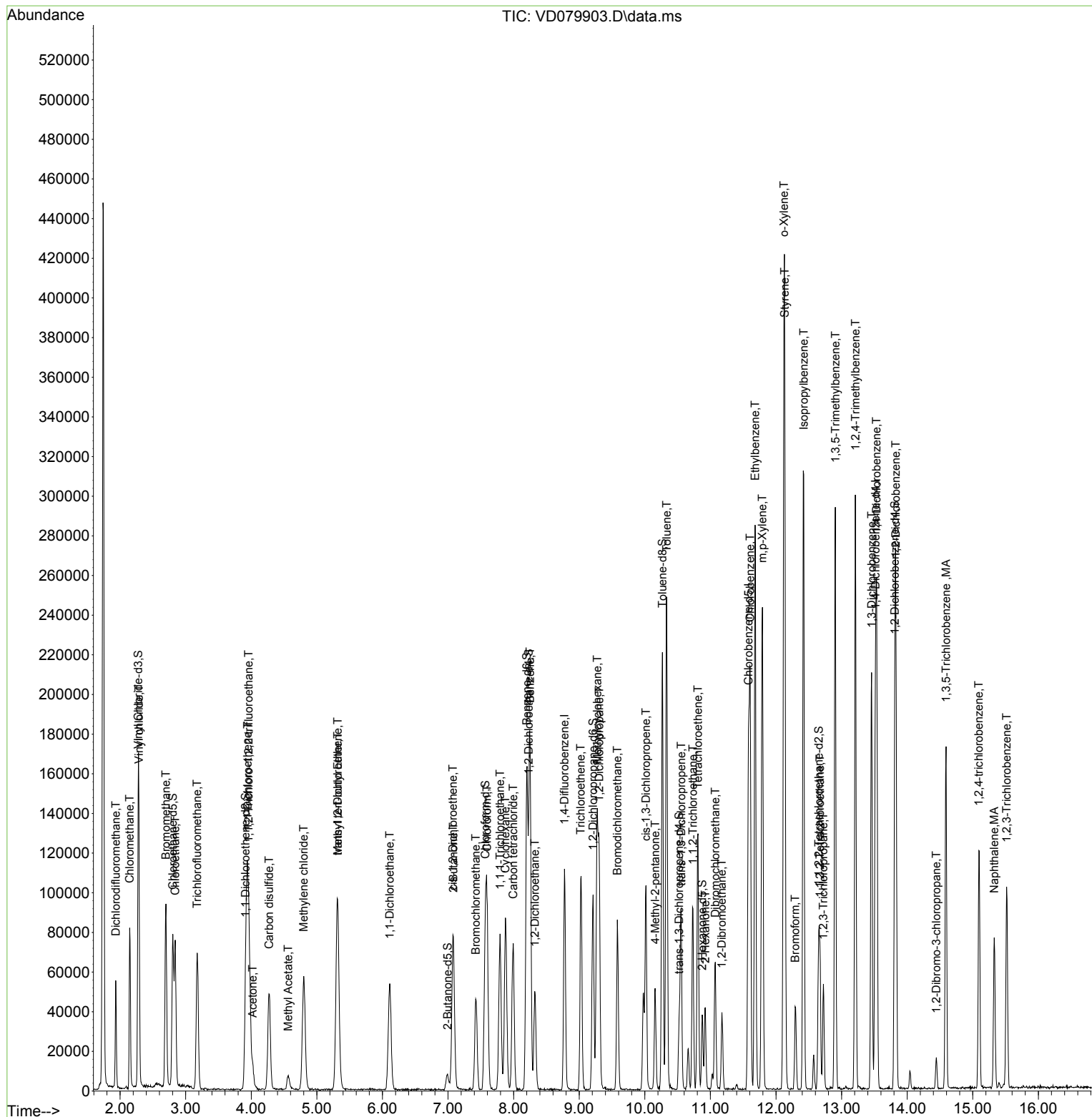
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	42884	22.039	ug/L	99
29) Cyclohexane	7.875	56	45294	20.261	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	62774	25.481	ug/L	99
31) Carbon tetrachloride	7.993	117	55538	25.444	ug/L	99
33) Benzene	8.252	78	165640	24.613	ug/L	100
34) Trichloroethene	9.022	95	38052	24.470	ug/L	95
35) Methylcyclohexane	9.275	83	53569	21.347	ug/L	97
37) 1,2-Dichloropropane	9.305	63	46040	25.085	ug/L #	100
38) Bromodichloromethane	9.581	83	53765	25.141	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	61611	23.905	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	34336	35.739	ug/L	98
42) Toluene	10.334	91	191163	26.966	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	51875	22.839	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	28605	22.812	ug/L	94
46) Tetrachloroethene	10.810	164	27809	26.341	ug/L	95
48) 2-Hexanone	10.922	43	28201	36.087	ug/L	94
49) Dibromochloromethane	11.075	129	33212	24.266	ug/L	97
50) 1,2-Dibromoethane	11.175	107	23890	22.059	ug/L #	92
51) Chlorobenzene	11.604	112	109562	25.753	ug/L	98
52) Ethylbenzene	11.681	91	198144	26.607	ug/L	96
53) m,p-Xylene	11.793	106	76672	27.183	ug/L	97
54) o-Xylene	12.122	106	73303	26.505	ug/L	94
55) Styrene	12.134	104	129766	26.698	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	31180	21.214	ug/L #	99
59) Bromoform	12.293	173	16729	22.105	ug/L	98
60) Isopropylbenzene	12.422	105	199675	26.380	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	20952	19.443	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	149969	27.092	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	152256	26.228	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	81248	25.974	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	84278	25.687	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	71517	25.296	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	4214	19.112	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	47531	25.061	ug/L	95
70) 1,2,4-trichlorobenzene	15.092	180	36667	22.961	ug/L	99
71) Naphthalene	15.328	128	64413	18.060	ug/L	98
72) 1,2,3-Trichlorobenzene	15.516	180	32184	22.531	ug/L #	94

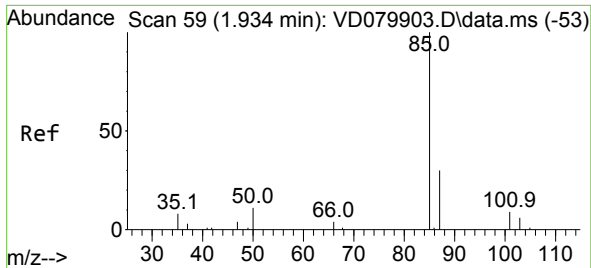
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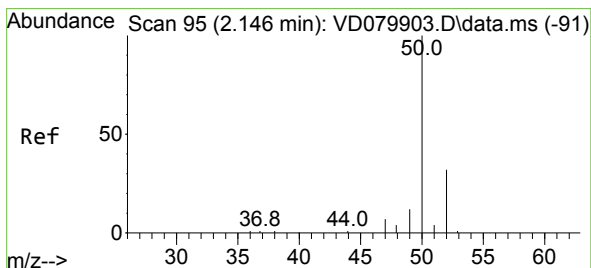
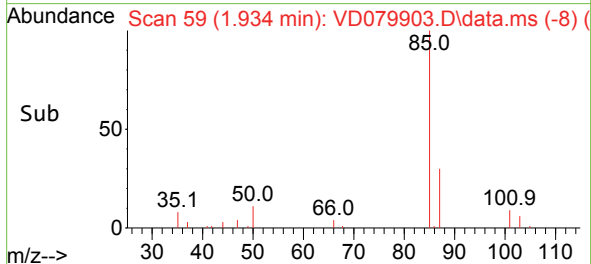
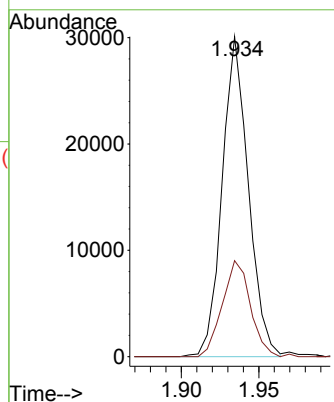
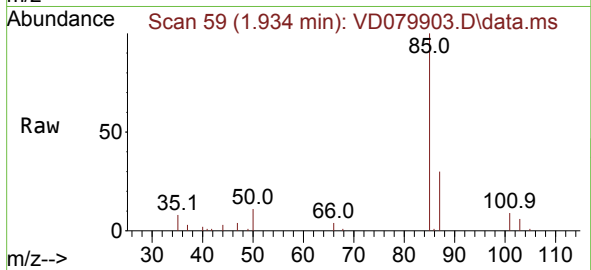




#2
 Dichlorodifluoromethane
 Concen: 19.470 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

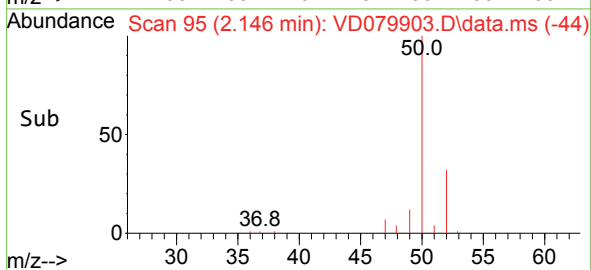
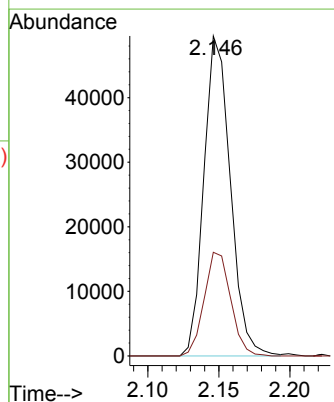
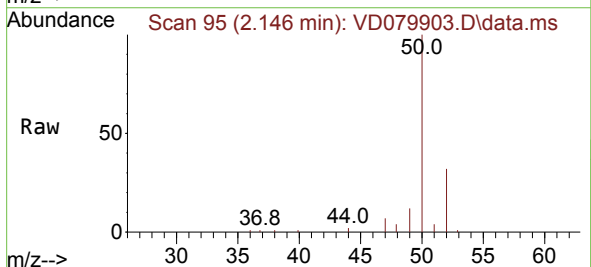
Instrument :
 MSVOA_D
 ClientSampleId :

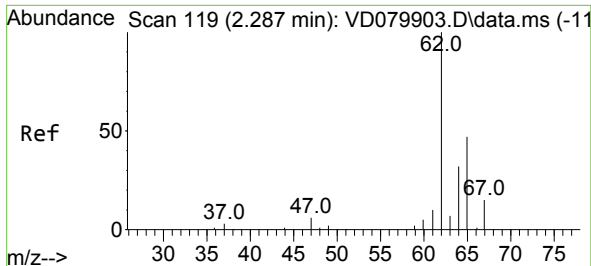
Tgt Ion: 85 Resp: 35309
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.0 37.6



#3
 Chloromethane
 Concen: 20.245 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

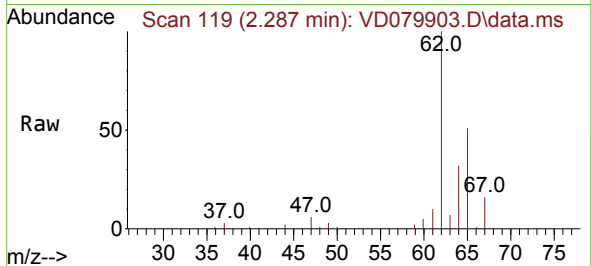
Tgt Ion: 50 Resp: 64361
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.4 41.6



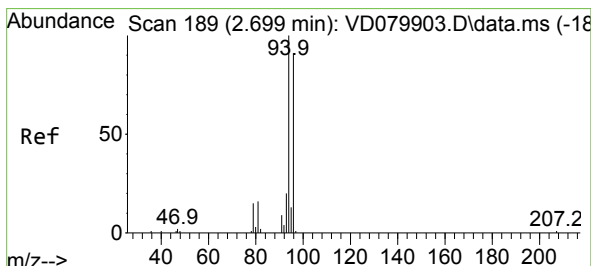
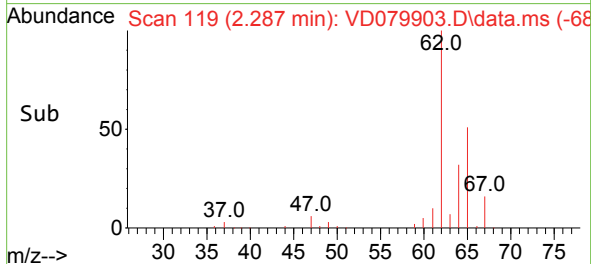
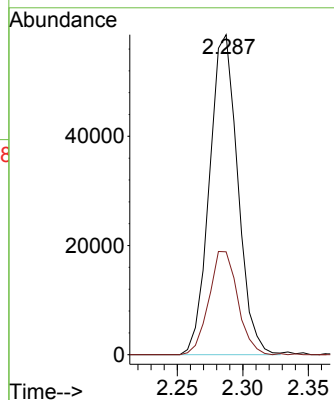


#5
 Vinyl chloride
 Concen: 22.616 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Instrument :
 MSVOA_D
 ClientSampleId :

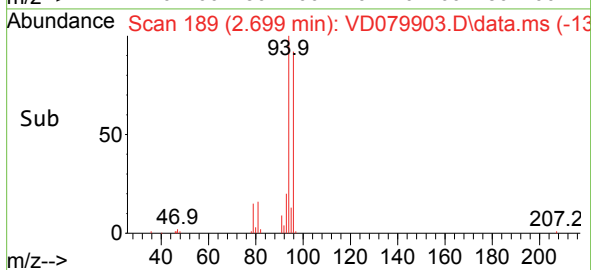
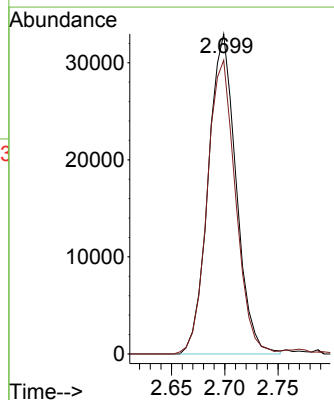
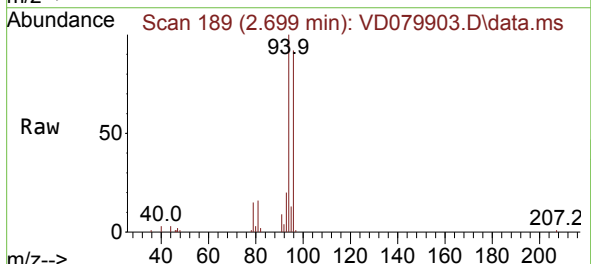


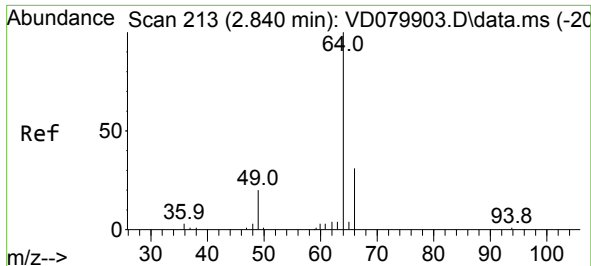
Tgt Ion: 62 Resp: 88105
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0



#6
 Bromomethane
 Concen: 30.525 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Tgt Ion: 94 Resp: 59876
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.3 119.5

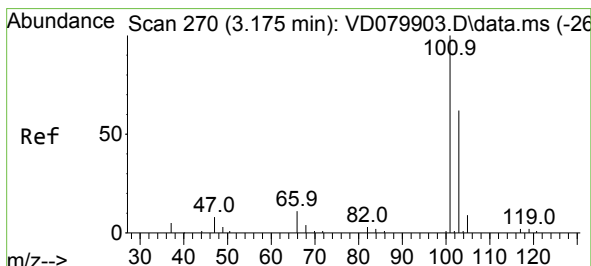
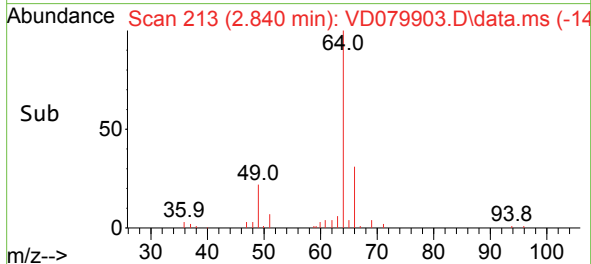
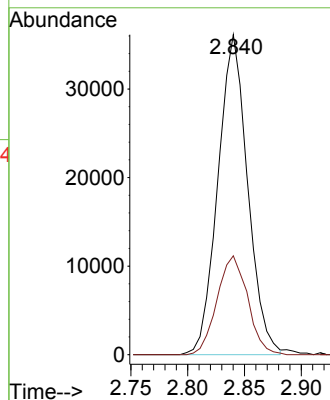
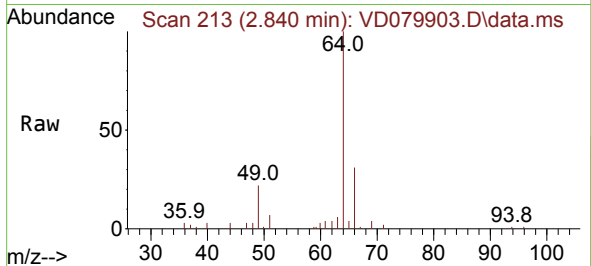




#8
Chloroethane
Concen: 25.568 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

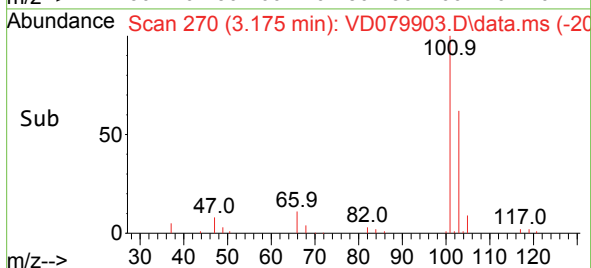
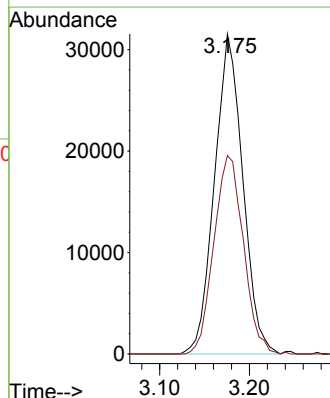
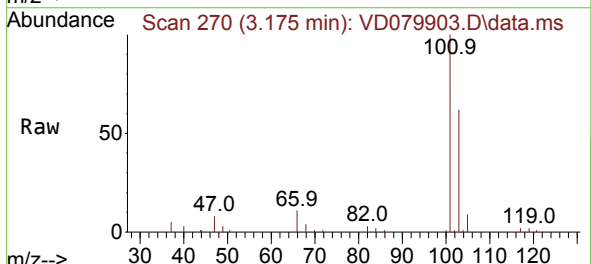
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MSVOA_D
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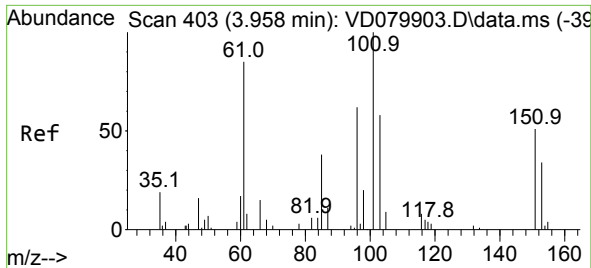
Tgt Ion: 64 Resp: 65804
Ion Ratio Lower Upper
64 100
66 30.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 24.634 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 101 Resp: 68999
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7

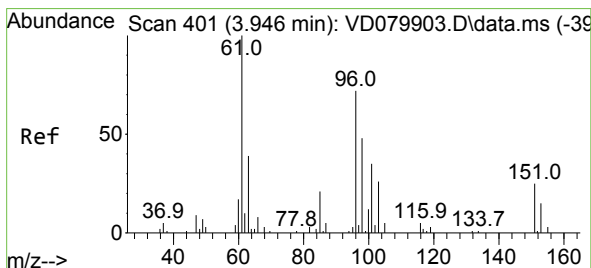
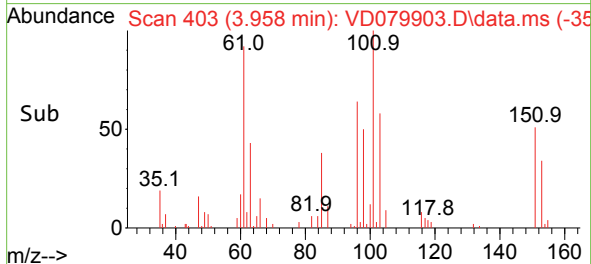
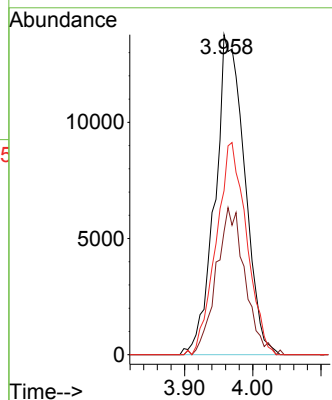
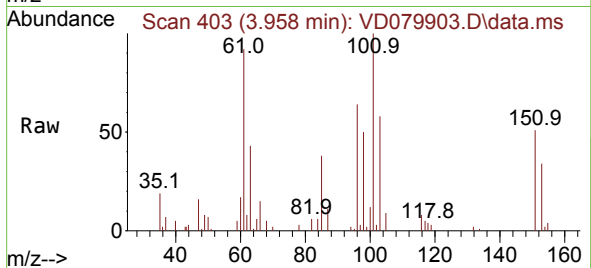




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.802 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

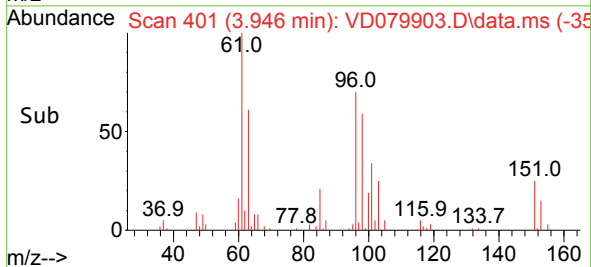
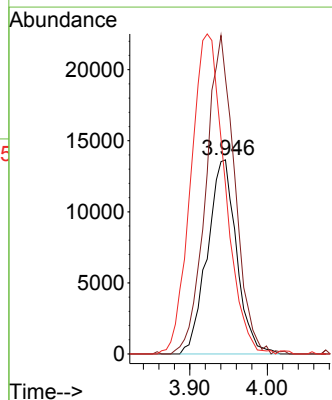
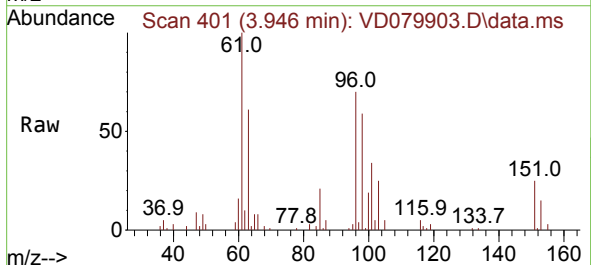
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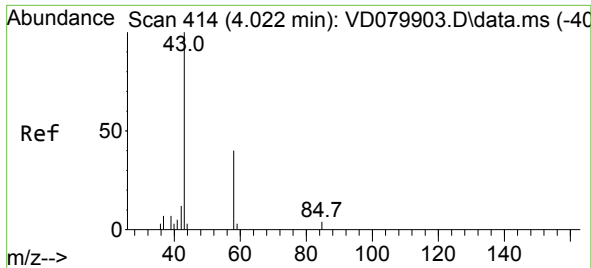
Tgt Ion:101 Resp: 41554
 Ion Ratio Lower Upper
 101 100
 85 43.8 37.8 56.8
 151 67.9 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 24.814 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Tgt Ion: 96 Resp: 35833
 Ion Ratio Lower Upper
 96 100
 61 141.9 119.8 222.4
 63 87.3 93.9 174.3#





#13

Acetone

Concen: 34.855 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

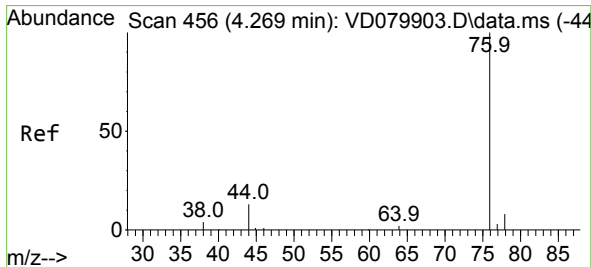
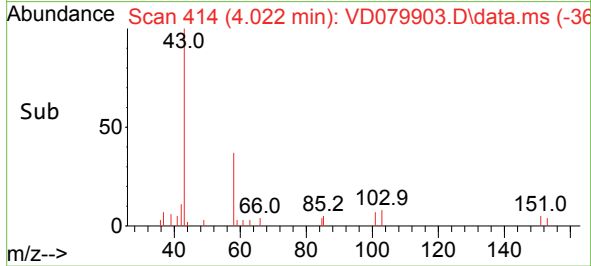
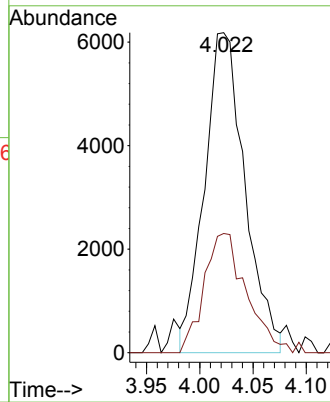
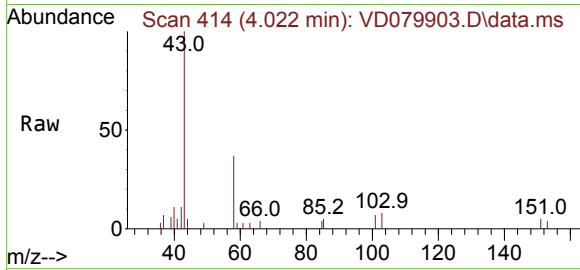
ClientSampleId :

Tgt Ion: 43 Resp: 16328

Ion Ratio Lower Upper

43 100

58 38.5 0.0 75.8



#14

Carbon disulfide

Concen: 22.099 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079903.D

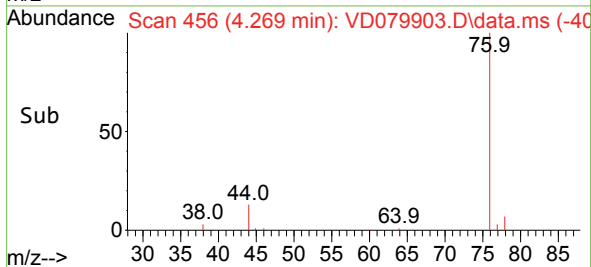
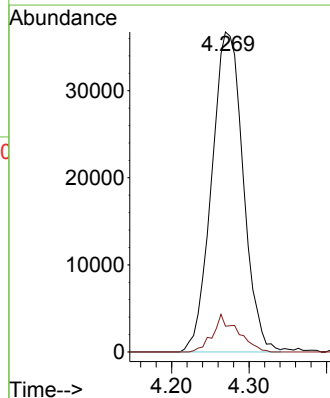
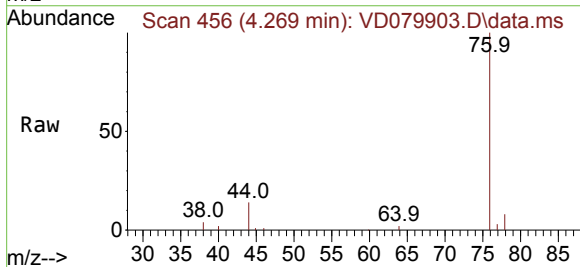
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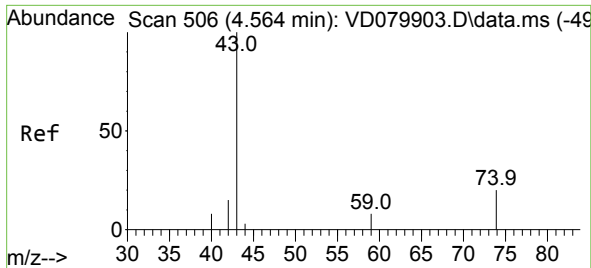
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Ion Ratio Lower Upper

76 100

78 8.1 7.3 10.9

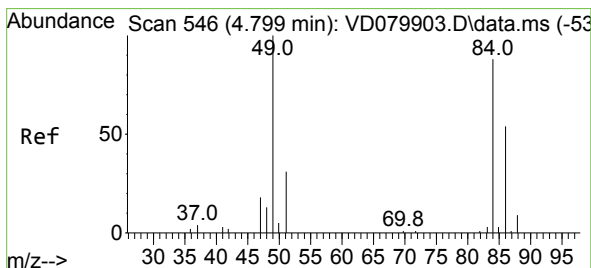
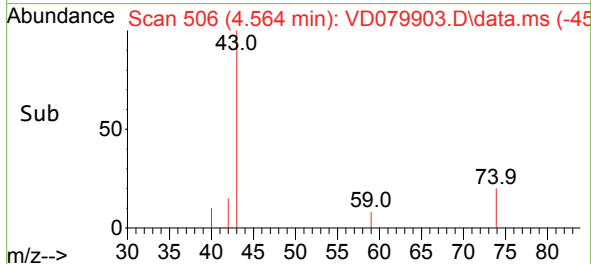
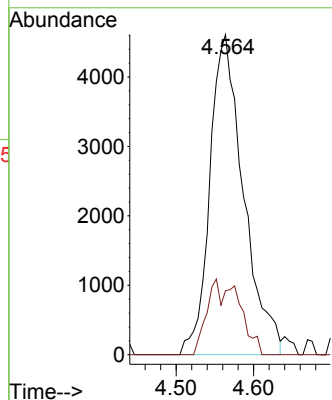
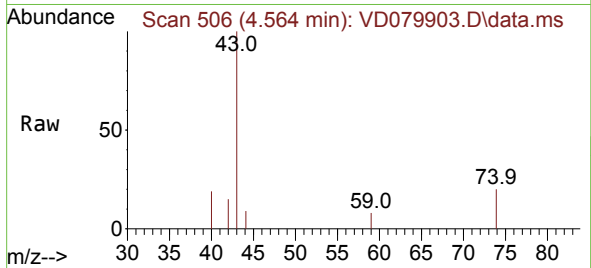




#15
Methyl Acetate
Concen: 18.657 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

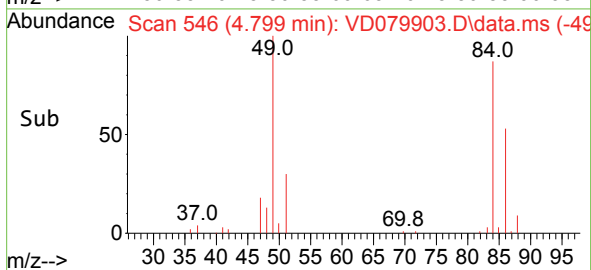
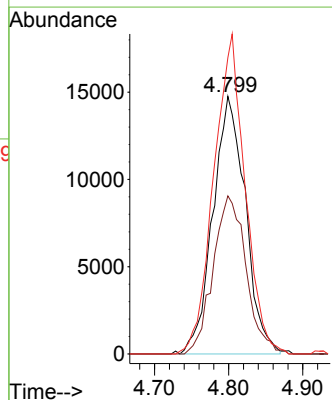
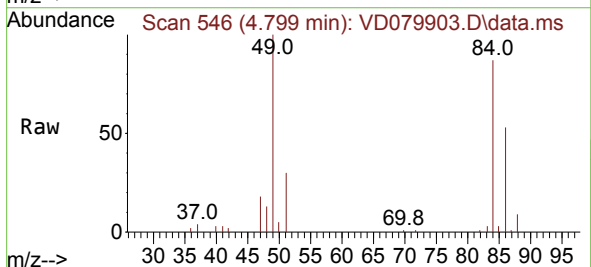
Instrument :
MSVOA_D
ClientSampleId :

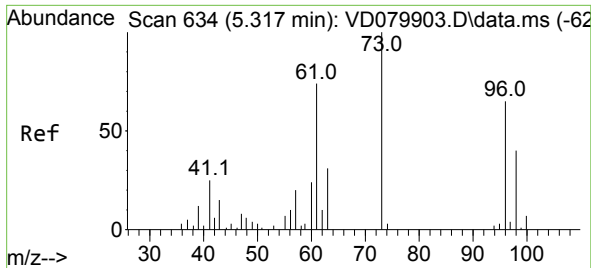
Tgt Ion: 43 Resp: 13922
Ion Ratio Lower Upper
43 100
74 10.2 11.9 17.9#



#16
Methylene chloride
Concen: 23.929 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

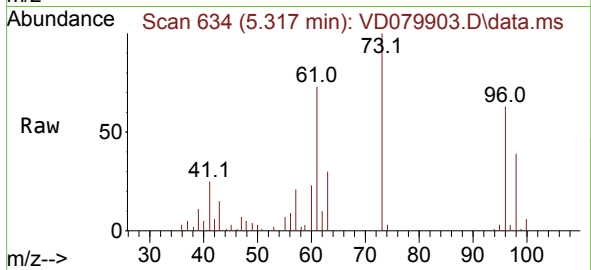
Tgt Ion: 84 Resp: 44970
Ion Ratio Lower Upper
84 100
86 61.3 41.0 76.2
49 115.1 90.0 167.2





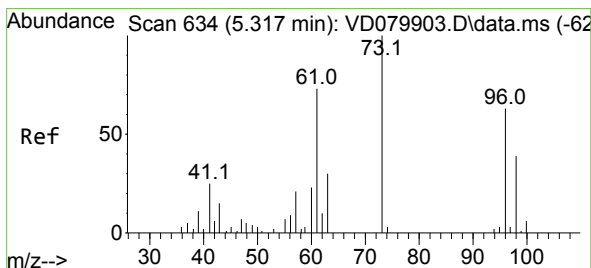
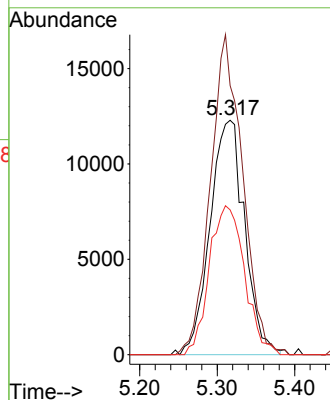
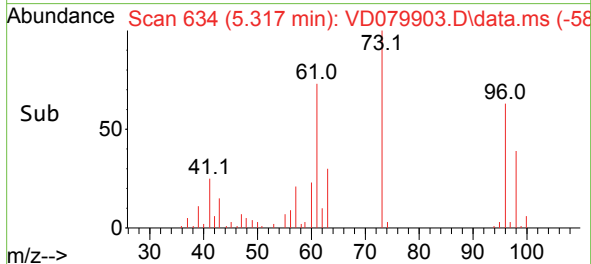
#17
trans-1,2-Dichloroethene
Concen: 24.704 ug/L
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 38038

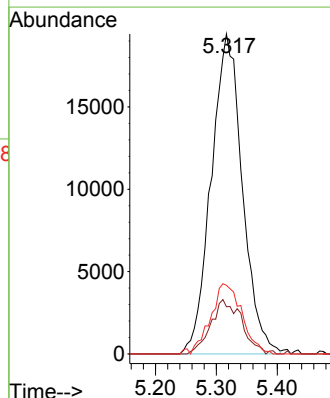
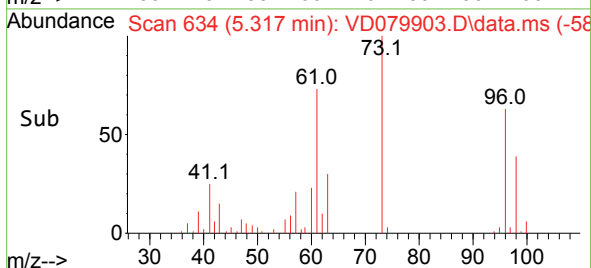
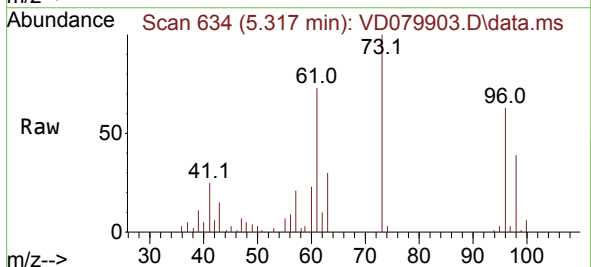
Ion	Ratio	Lower	Upper
96	100		
61	114.8	88.7	164.7
98	61.8	43.8	81.3

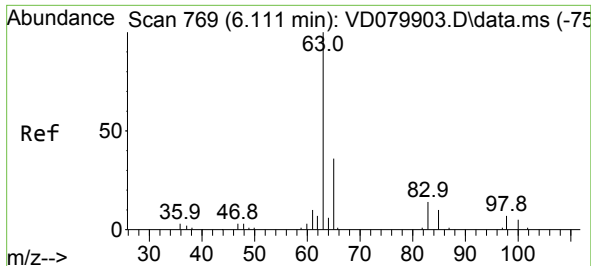


#18
Methyl tert-butyl Ether
Concen: 19.950 ug/L
RT: 5.317 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 73 Resp: 69103

Ion	Ratio	Lower	Upper
73	100		
43	11.7	14.5	21.7#
57	21.9	18.8	28.2





#19

1,1-Dichloroethane

Concen: 25.381 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

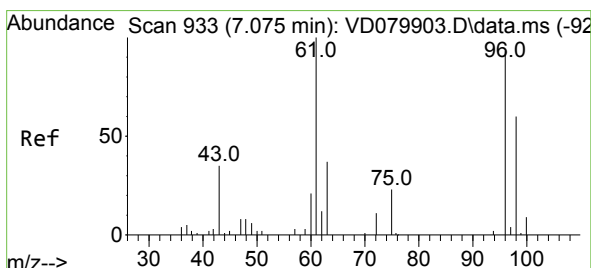
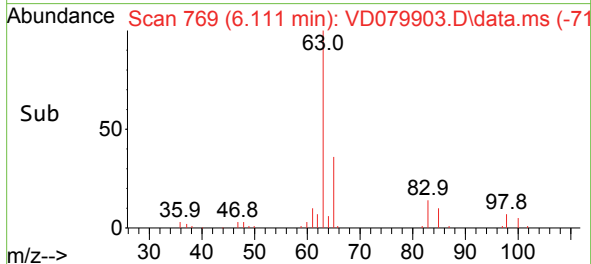
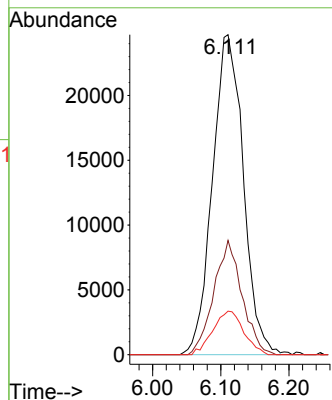
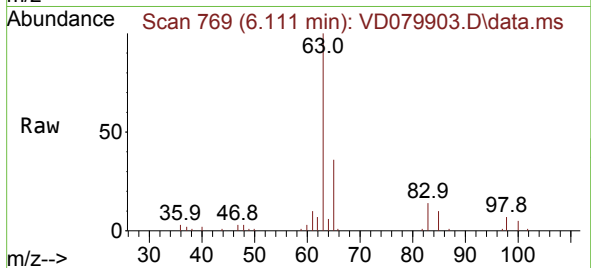
Tgt Ion: 63 Resp: 77625

Ion Ratio Lower Upper

63 100

65 35.7 22.6 42.0

83 13.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.539 ug/L

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

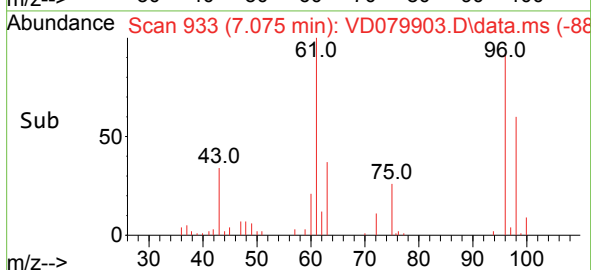
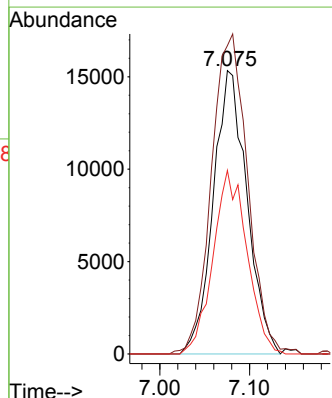
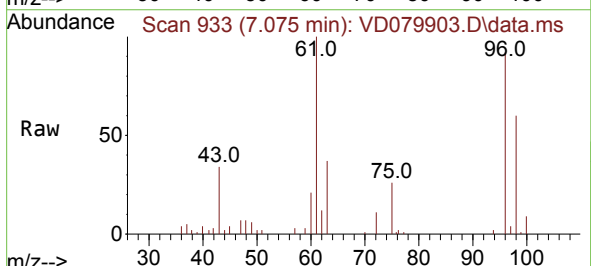
Tgt Ion: 96 Resp: 39907

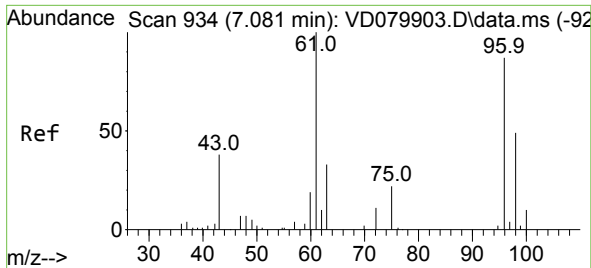
Ion Ratio Lower Upper

96 100

61 108.8 83.8 155.6

98 64.8 45.9 85.3

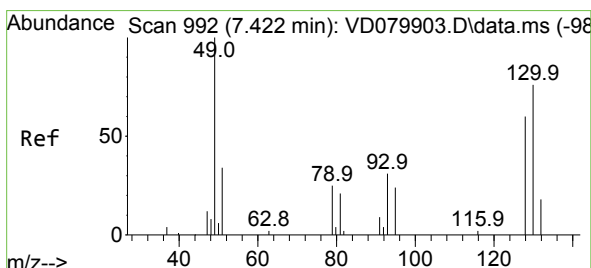
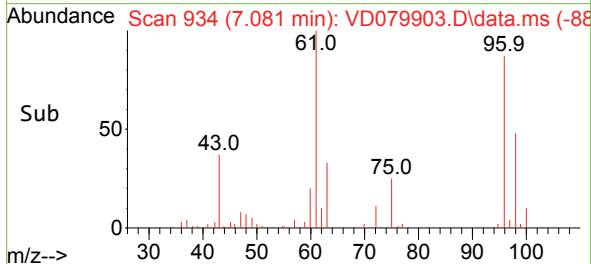
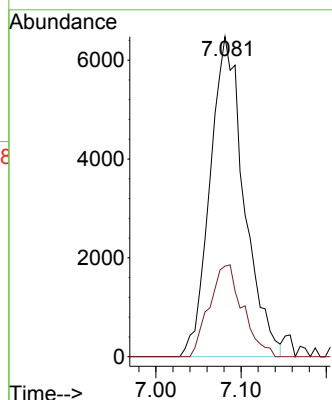
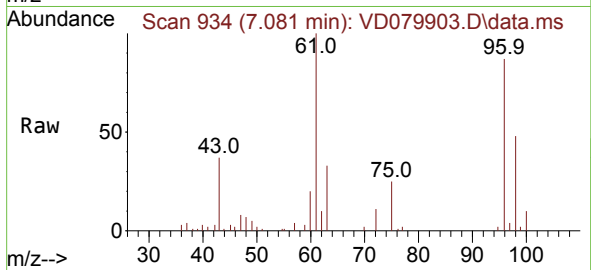




#22
2-Butanone
Concen: 32.766 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

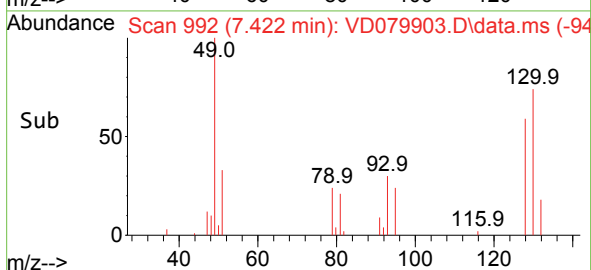
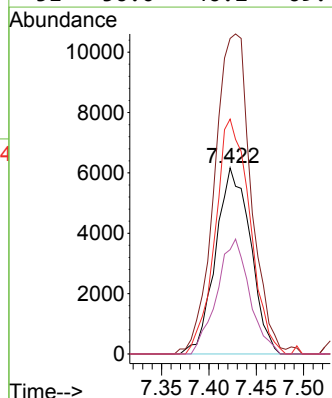
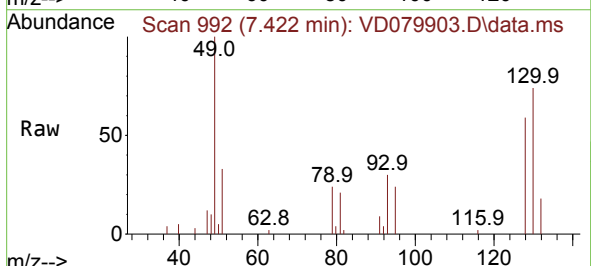
Instrument :
MSVOA_D
ClientSampleId :

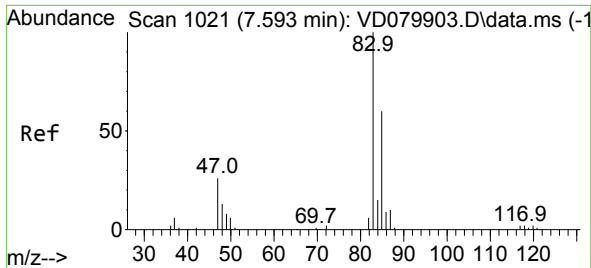
Tgt Ion: 43 Resp: 18006
Ion Ratio Lower Upper
43 100
72 28.1 13.1 39.3



#23
Bromochloromethane
Concen: 21.963 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion:128 Resp: 15803
Ion Ratio Lower Upper
128 100
49 169.5 132.3 245.7
130 126.2 89.4 166.0
51 56.0 46.2 69.4

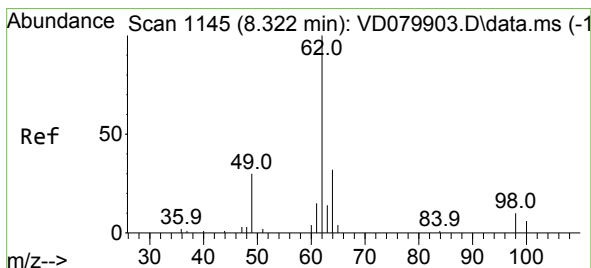
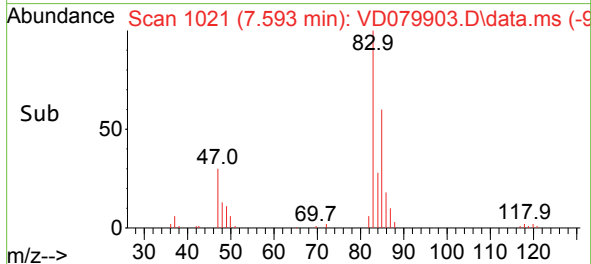
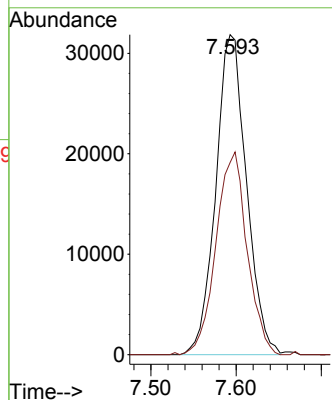
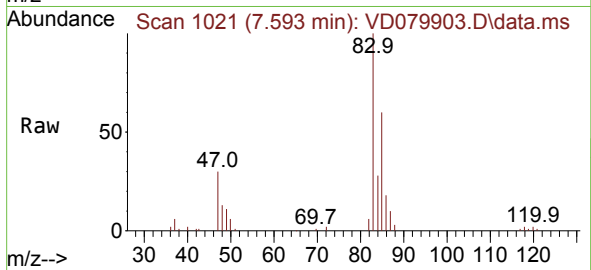




#25
Chloroform
Concen: 25.078 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

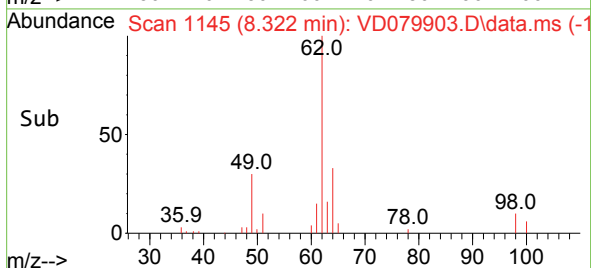
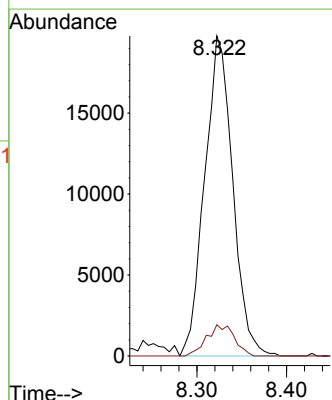
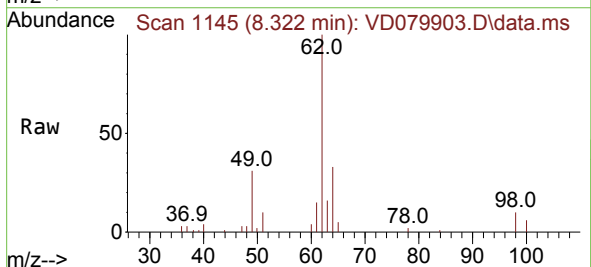
Instrument :
MSVOA_D
ClientSampleId :

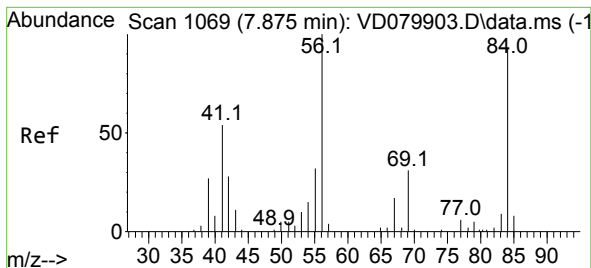
Tgt Ion: 83 Resp: 79840
Ion Ratio Lower Upper
83 100
85 60.0 47.3 87.9



#27
1,2-Dichloroethane
Concen: 22.039 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 62 Resp: 42884
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 20.261 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

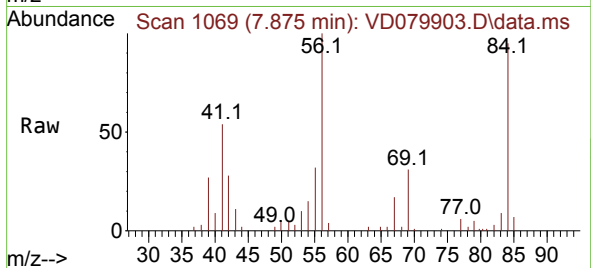
Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :



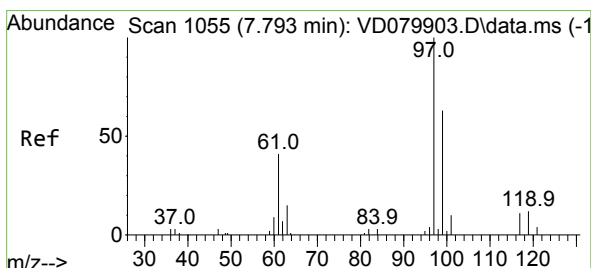
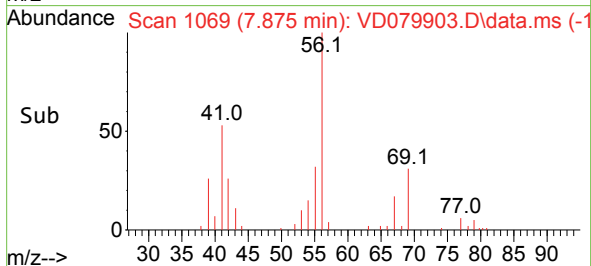
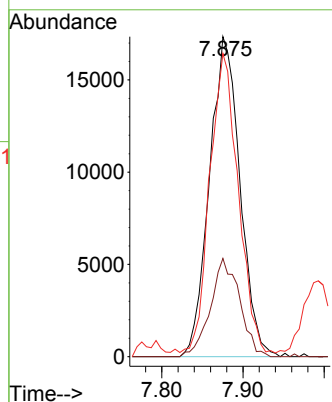
Tgt Ion: 56 Resp: 45294

Ion Ratio Lower Upper

56 100

69 29.0 22.8 34.2

84 90.0 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 25.481 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

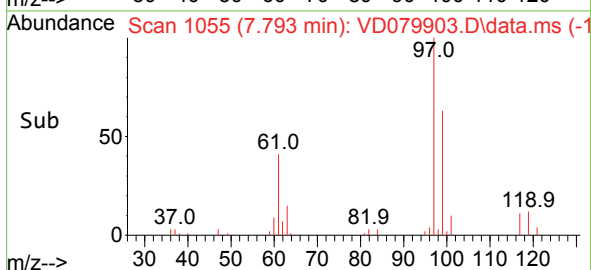
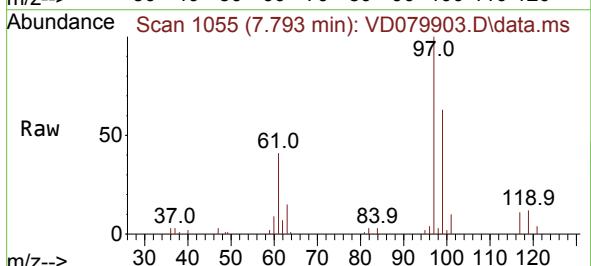
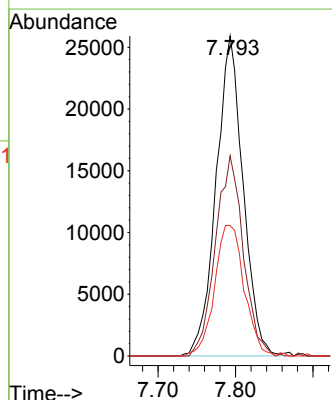
Tgt Ion: 97 Resp: 62774

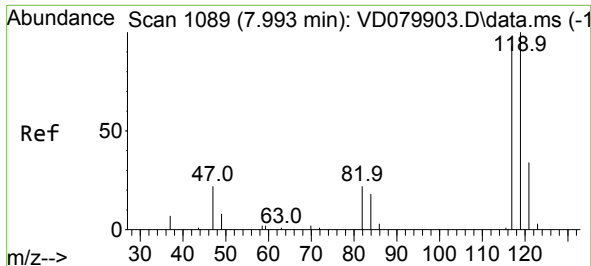
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 44.7 35.4 53.2

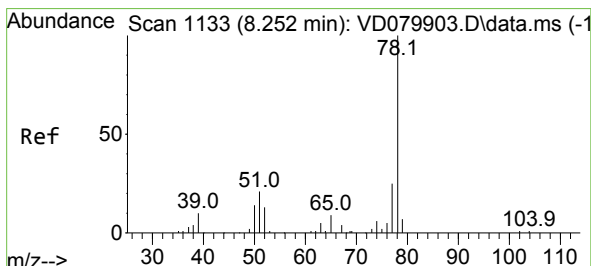
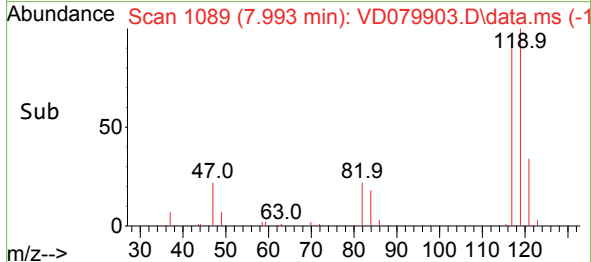
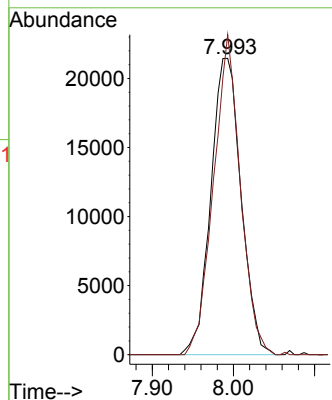
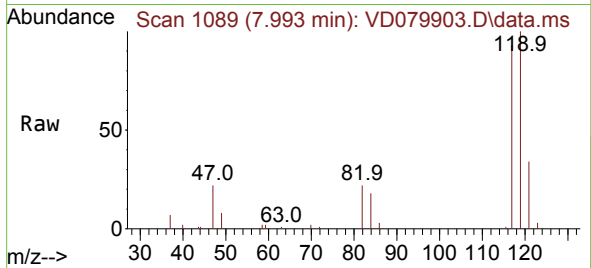




#31
Carbon tetrachloride
Concen: 25.444 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

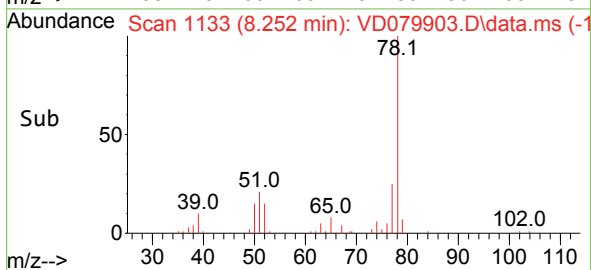
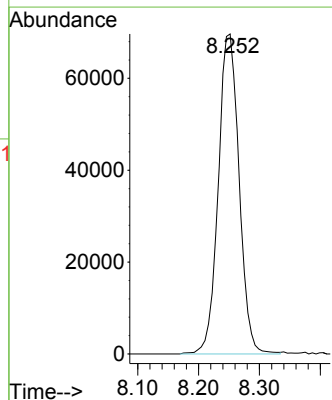
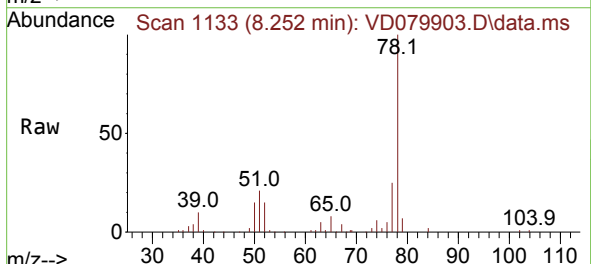
Instrument :
MSVOA_D
ClientSampleId :

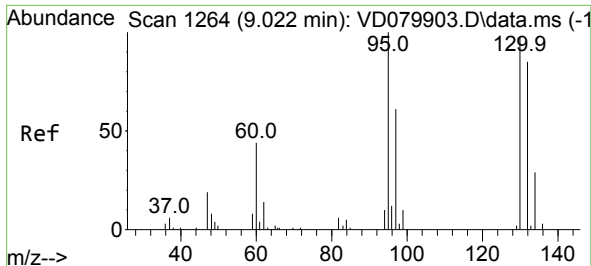
Tgt Ion:117 Resp: 55538
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0



#33
Benzene
Concen: 24.613 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 78 Resp: 165640





#34

Trichloroethene

Concen: 24.470 ug/L

RT: 9.022 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 38052

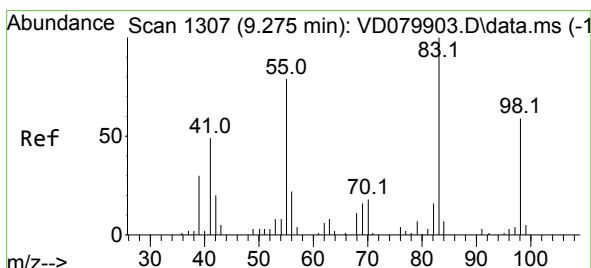
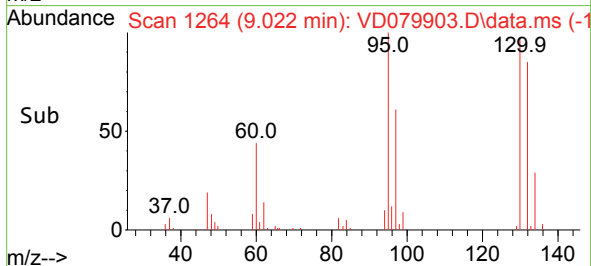
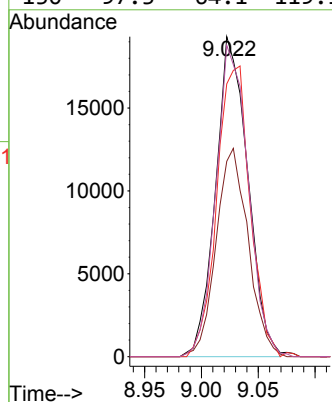
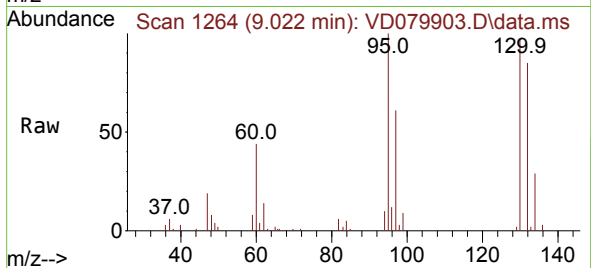
Ion Ratio Lower Upper

95 100

97 61.1 43.5 80.7

132 85.2 64.5 119.7

130 97.3 64.1 119.1



#35

Methylcyclohexane

Concen: 21.347 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

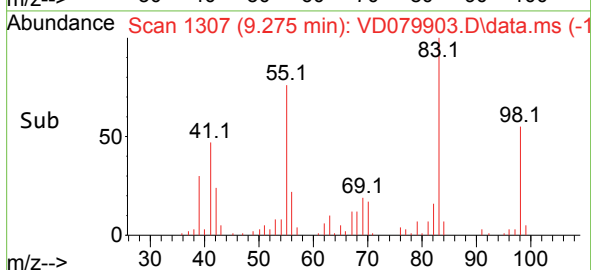
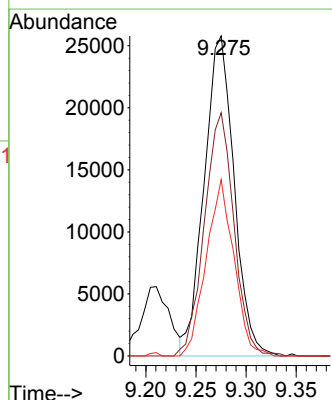
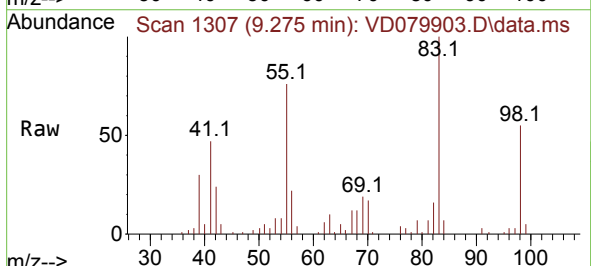
Tgt Ion: 83 Resp: 53569

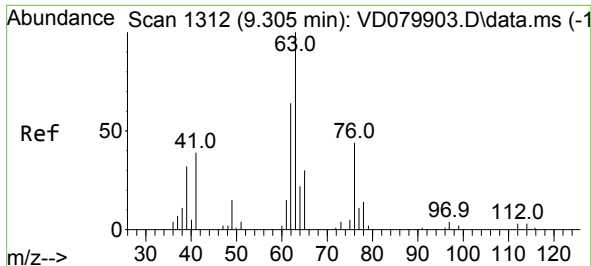
Ion Ratio Lower Upper

83 100

55 74.8 58.9 88.3

98 51.2 38.6 58.0

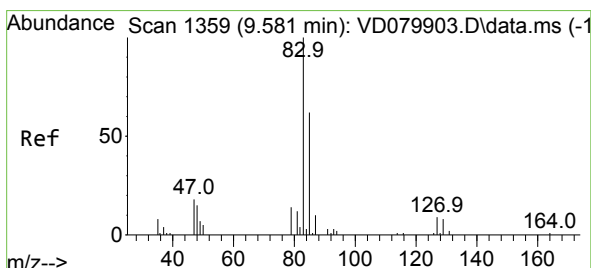
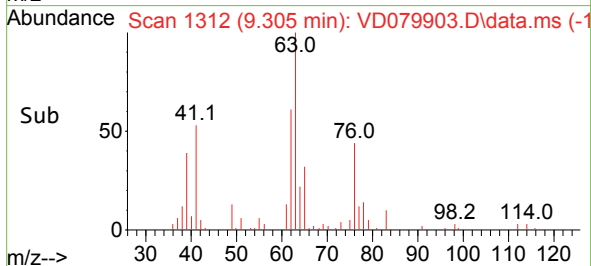
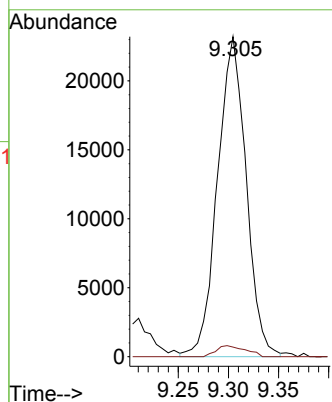
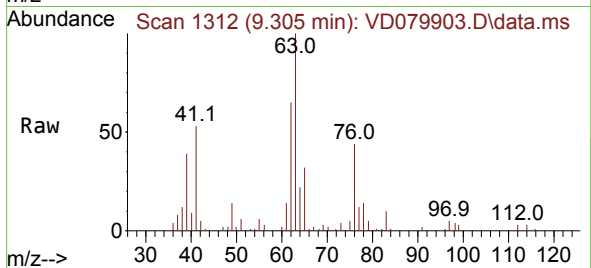




#37
1,2-Dichloropropane
Concen: 25.085 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

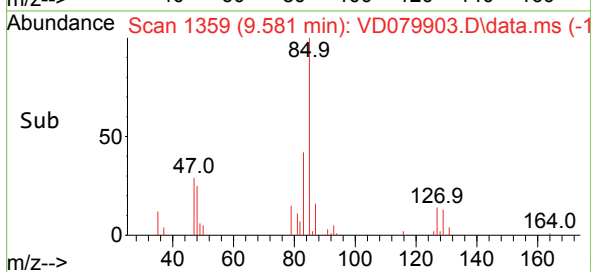
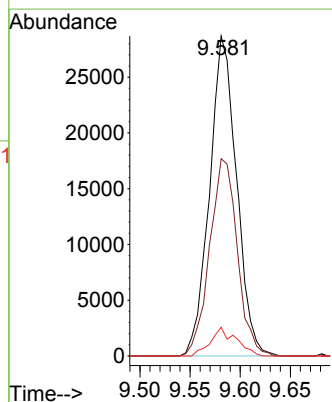
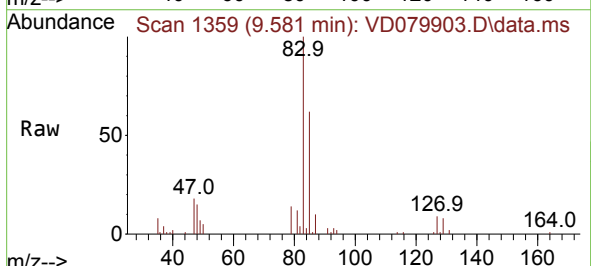
Instrument :
MSVOA_D
ClientSampleId :

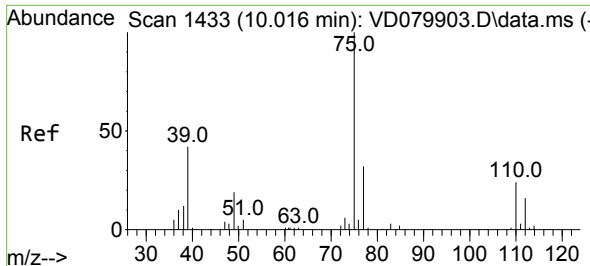
Tgt Ion: 63 Resp: 46040
Ion Ratio Lower Upper
63 100
112 3.5 0.0 0.0#



#38
Bromodichloromethane
Concen: 25.141 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 83 Resp: 53765
Ion Ratio Lower Upper
83 100
85 61.6 45.9 85.3
127 8.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.905 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

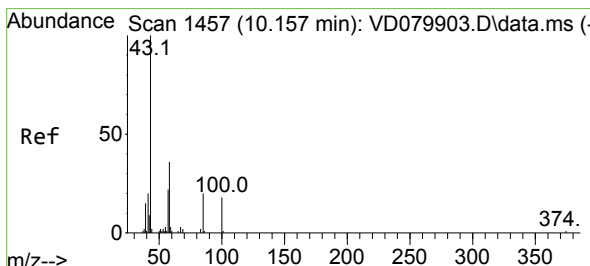
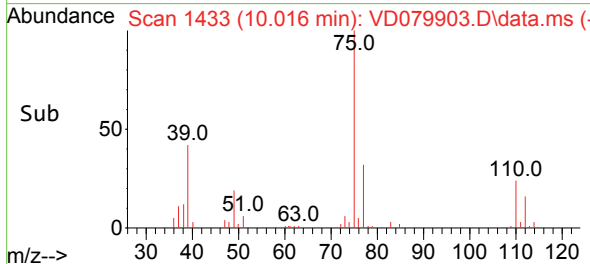
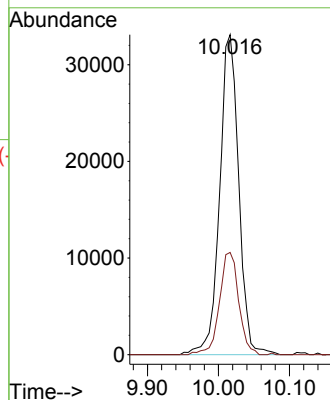
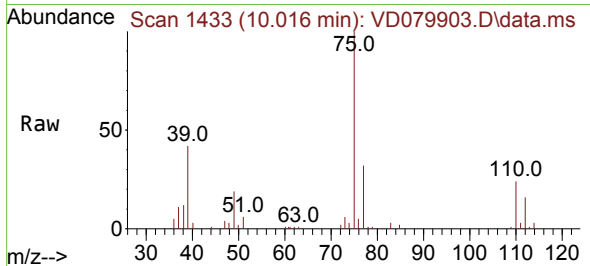
ClientSampleId :

Tgt Ion: 75 Resp: 61611

Ion Ratio Lower Upper

75 100

77 32.0 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 35.739 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

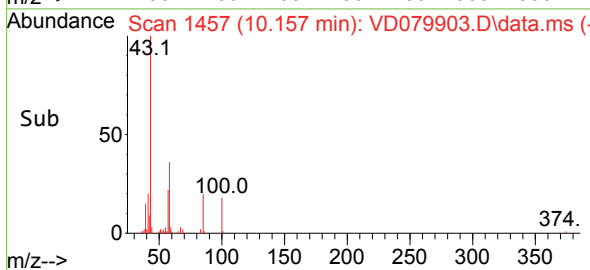
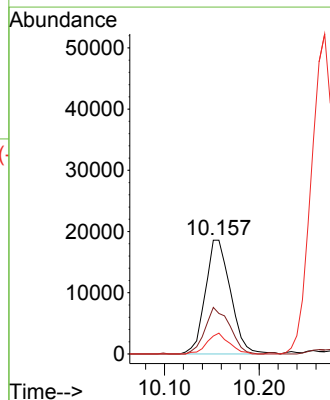
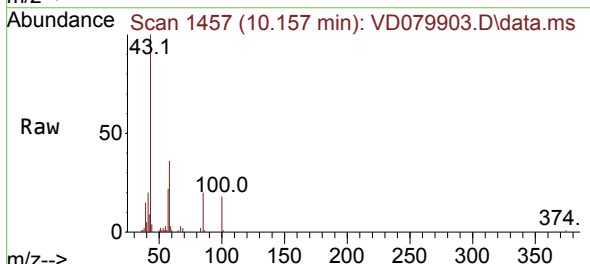
Tgt Ion: 43 Resp: 34336

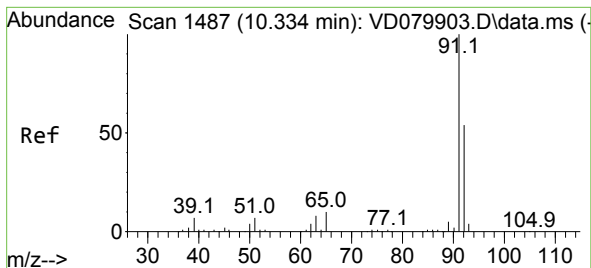
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 16.0 11.8 17.6





#42

Toluene

Concen: 26.966 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

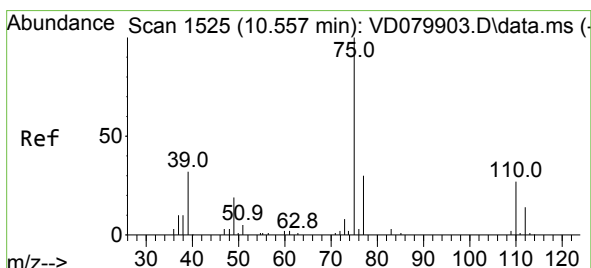
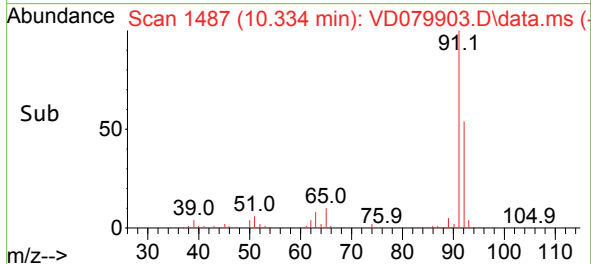
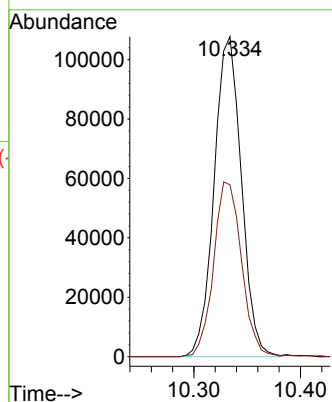
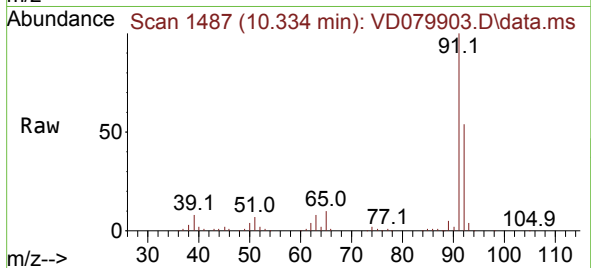
ClientSampleId :

Tgt Ion: 91 Resp: 191163

Ion Ratio Lower Upper

91 100

92 53.7 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 22.839 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD079903.D

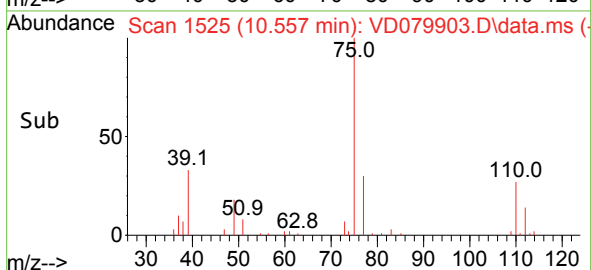
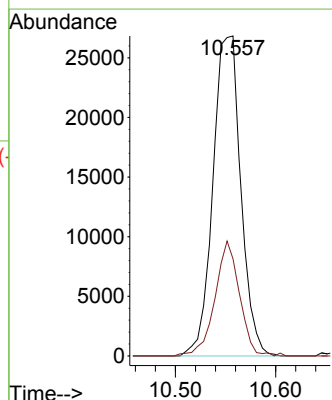
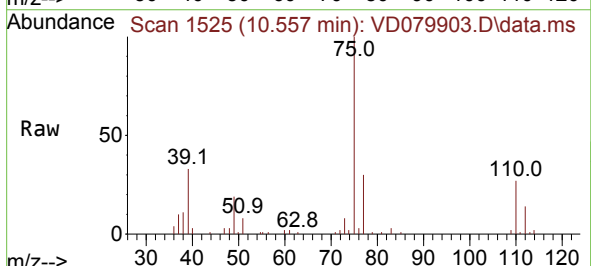
Acq: 26 Sep 2024 11:51

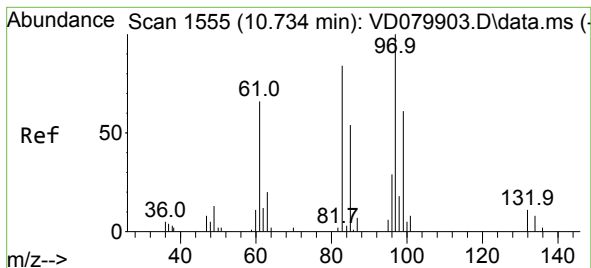
Tgt Ion: 75 Resp: 51875

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.4

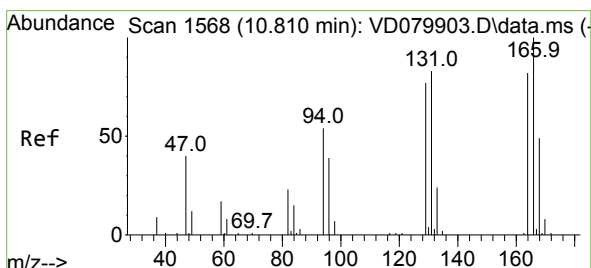
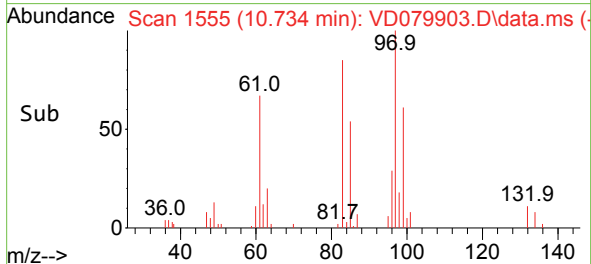
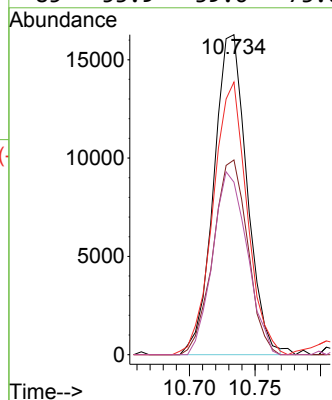
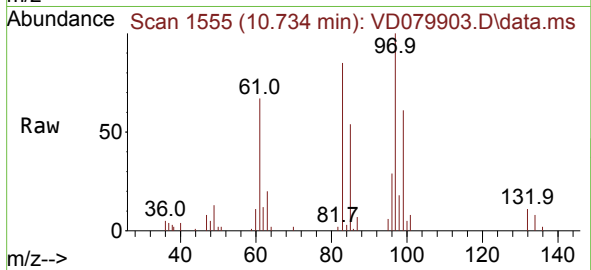




#45
1,1,2-Trichloroethane
Concen: 22.812 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

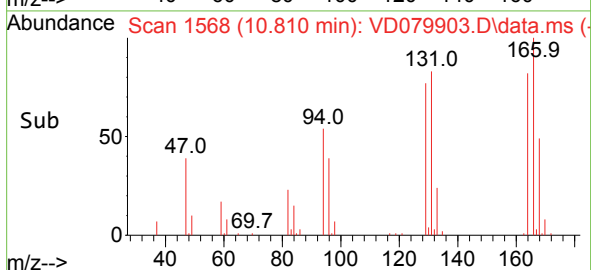
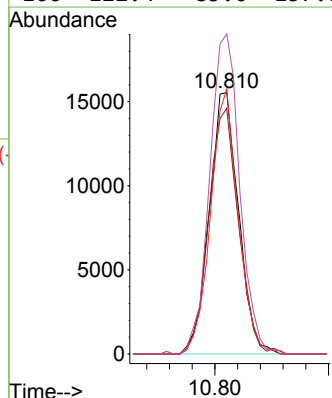
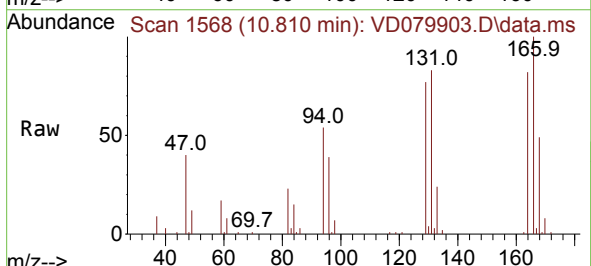
Instrument :
MSVOA_D
ClientSampleId :

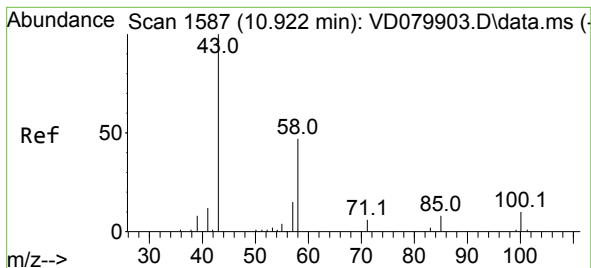
Tgt Ion: 97 Resp: 28605
Ion Ratio Lower Upper
97 100
99 60.9 45.1 83.7
83 85.2 65.2 121.0
85 53.9 39.6 73.6



#46
Tetrachloroethene
Concen: 26.341 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion:164 Resp: 27809
Ion Ratio Lower Upper
164 100
129 93.9 68.7 127.5
131 101.4 62.5 116.1
166 122.4 85.0 157.8





#48

2-Hexanone

Concen: 36.087 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

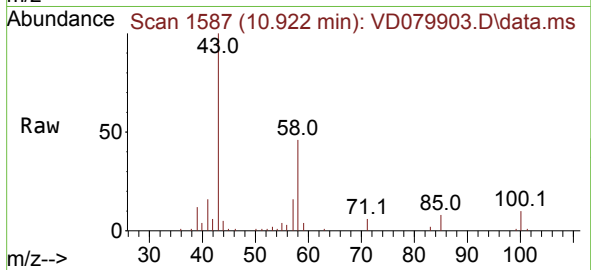
Lab File: VD079903.D

Acq: 26 Sep 2024 11:51

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 28201

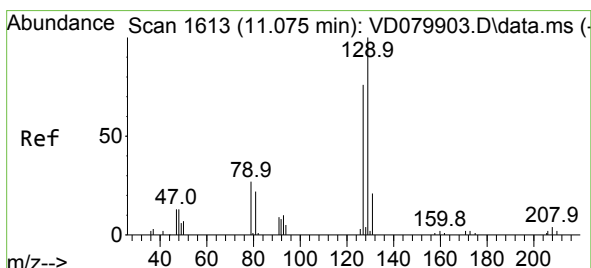
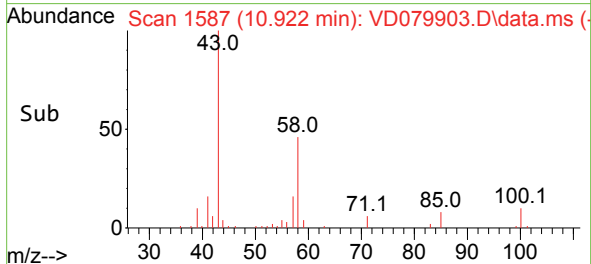
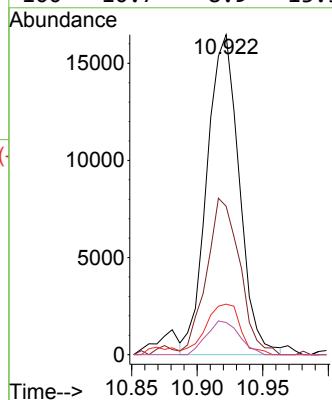
Ion Ratio Lower Upper

43 100

58 50.4 44.7 67.1

57 15.1 13.6 20.4

100 10.7 8.9 13.3



#49

Dibromochloromethane

Concen: 24.266 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079903.D

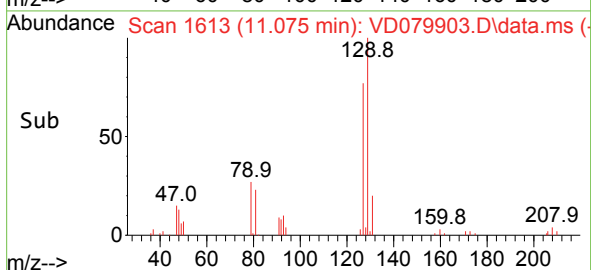
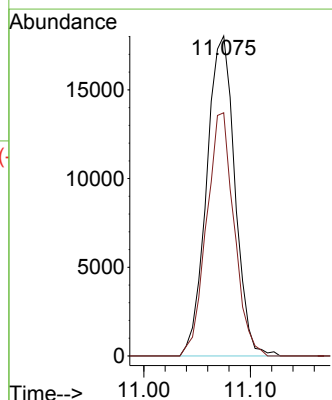
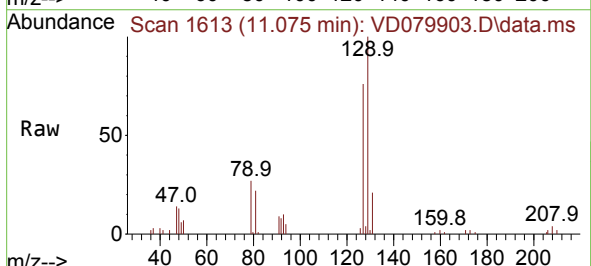
Acq: 26 Sep 2024 11:51

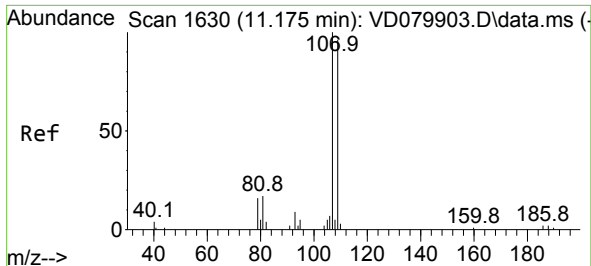
Tgt Ion: 129 Resp: 33212

Ion Ratio Lower Upper

129 100

127 76.0 55.2 102.6

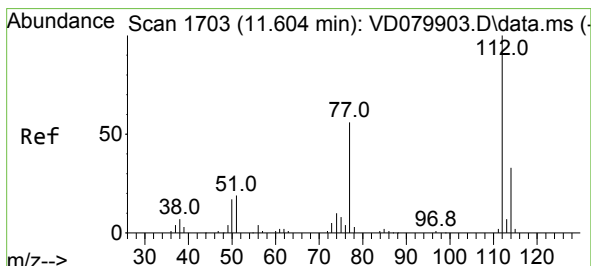
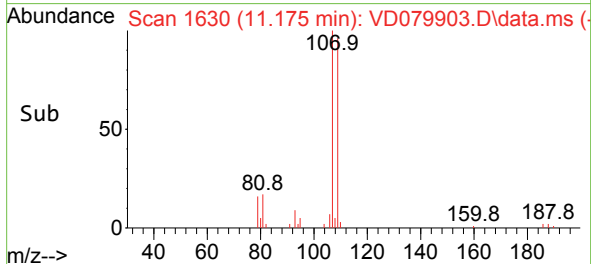
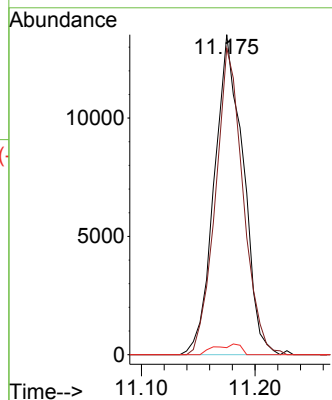
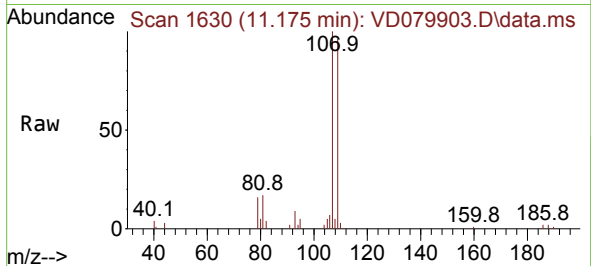




#50
1,2-Dibromoethane
Concen: 22.059 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

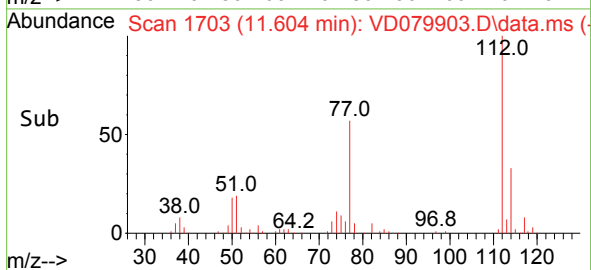
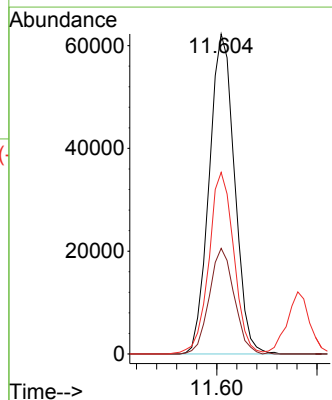
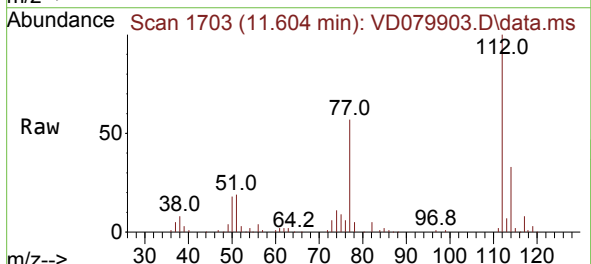
Instrument :
MSVOA_D
ClientSampleId :

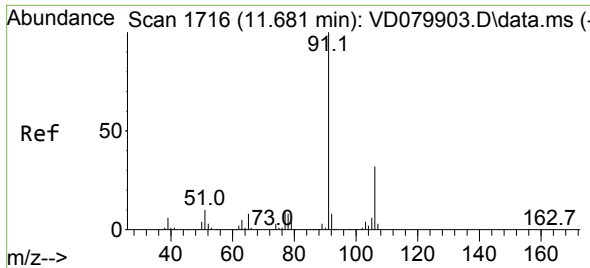
Tgt Ion:107 Resp: 23890
Ion Ratio Lower Upper
107 100
109 95.8 61.5 114.1
188 2.2 2.3 3.5#



#51
Chlorobenzene
Concen: 25.753 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion:112 Resp: 109562
Ion Ratio Lower Upper
112 100
114 33.0 22.0 41.0
77 56.7 46.7 70.1

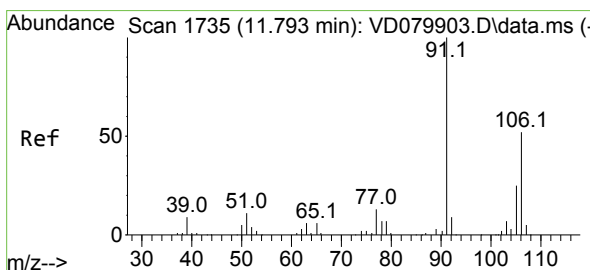
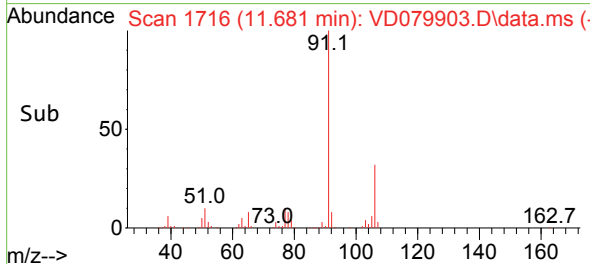
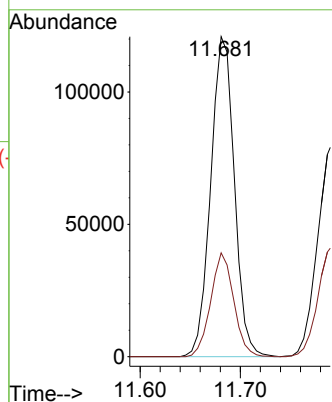
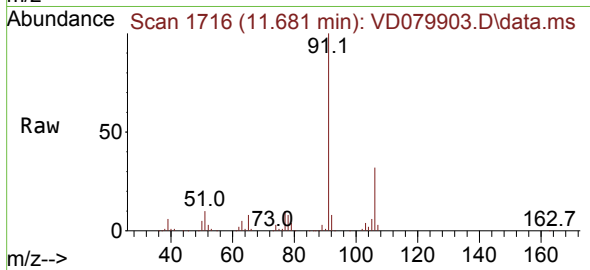




#52
Ethylbenzene
Concen: 26.607 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

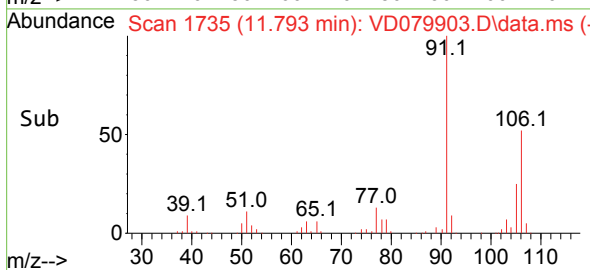
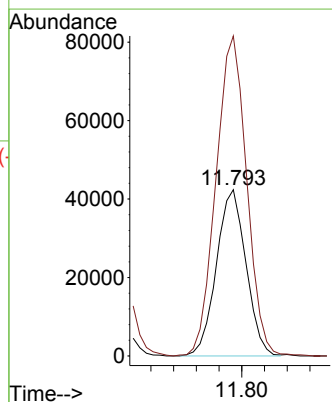
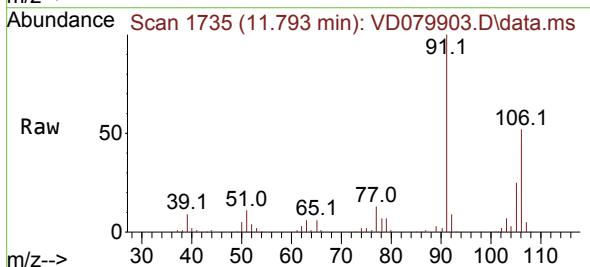
Instrument :
MSVOA_D
ClientSampleId :

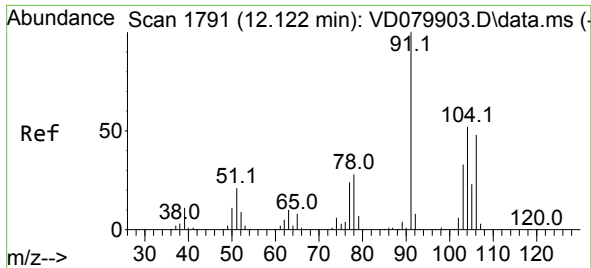
Tgt Ion: 91 Resp: 198144
Ion Ratio Lower Upper
91 100
106 32.5 21.3 39.5



#53
m,p-Xylene
Concen: 27.183 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 106 Resp: 76672
Ion Ratio Lower Upper
106 100
91 192.5 138.3 256.9

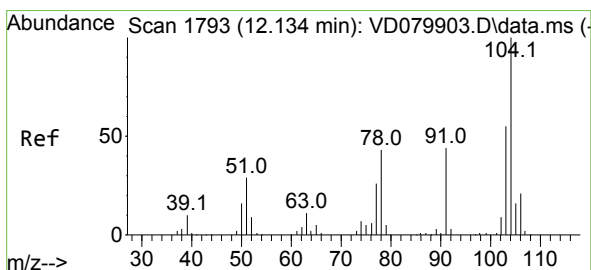
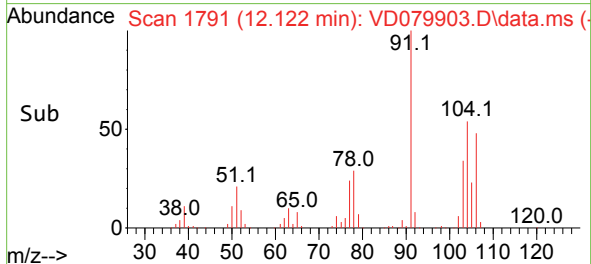
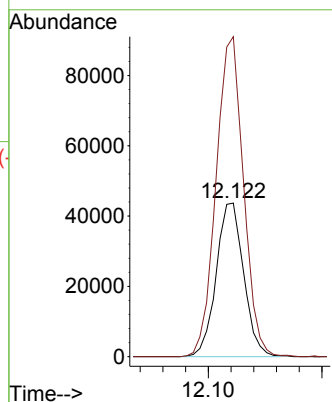
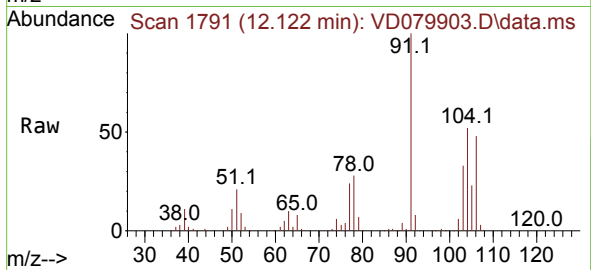




#54
o-Xylene
Concen: 26.505 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

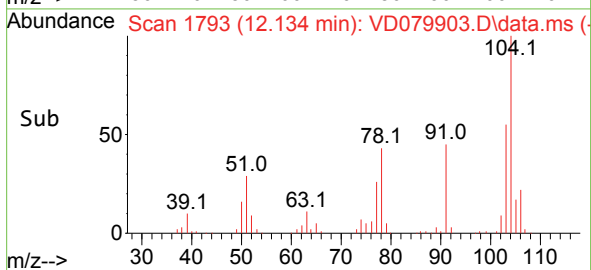
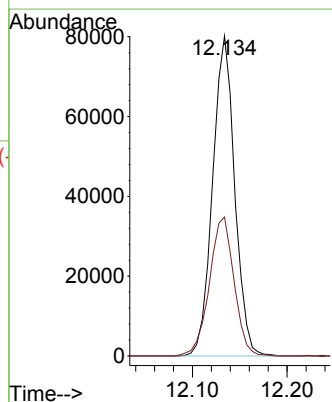
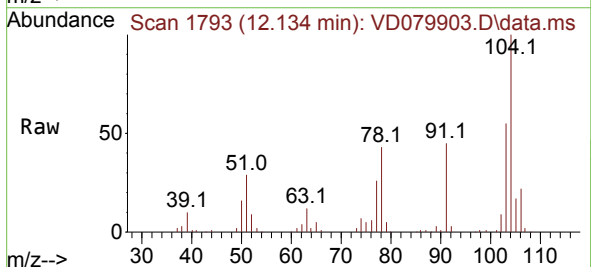
Instrument :
MSVOA_D
ClientSampleId :

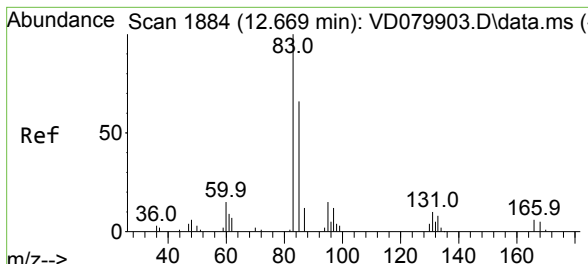
Tgt Ion:106 Resp: 73303
Ion Ratio Lower Upper
106 100
91 208.4 152.6 283.4



#55
Styrene
Concen: 26.698 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion:104 Resp: 129766
Ion Ratio Lower Upper
104 100
78 43.4 30.7 57.1

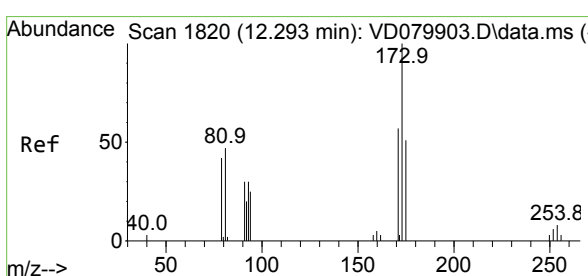
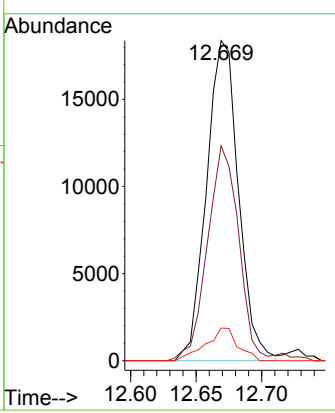
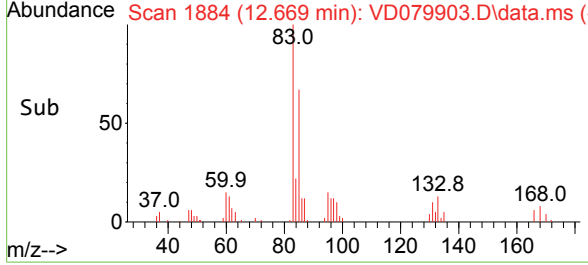
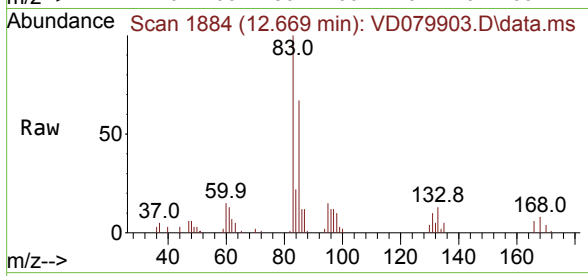




#57
 1,1,2,2-Tetrachloroethane
 Concen: 21.214 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

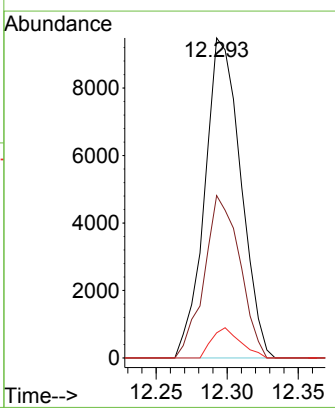
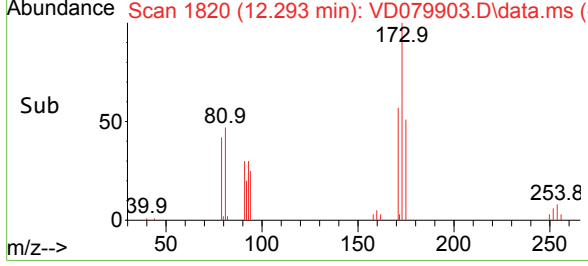
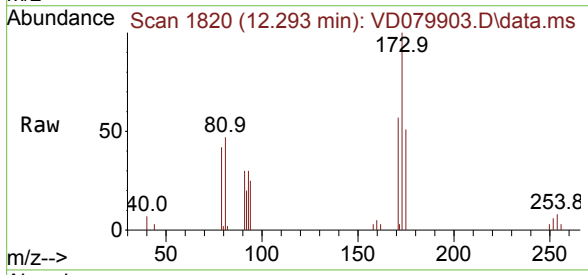
Instrument :
 MSVOA_D
 ClientSampleId :

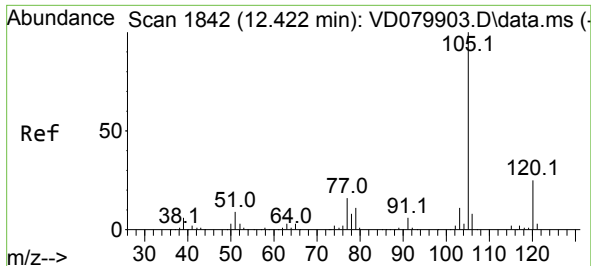
Tgt Ion:	83	Resp:	31180
Ion Ratio	Lower	Upper	
83	100		
85	67.1	46.8	87.0
131	10.2	6.5	9.7#



#59
 Bromoform
 Concen: 22.105 ug/L
 RT: 12.293 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Tgt Ion:	173	Resp:	16729
Ion Ratio	Lower	Upper	
173	100		
175	50.1	39.2	58.8
254	7.5	5.5	8.3

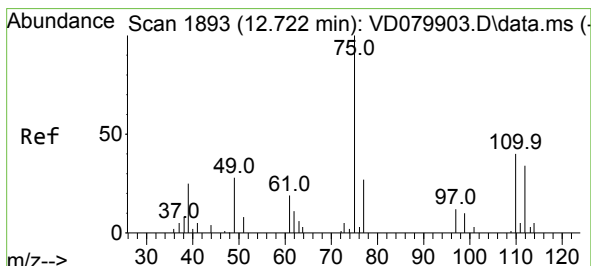
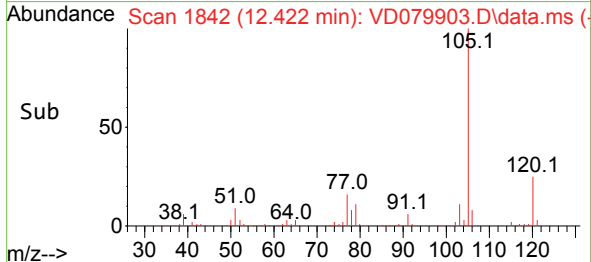
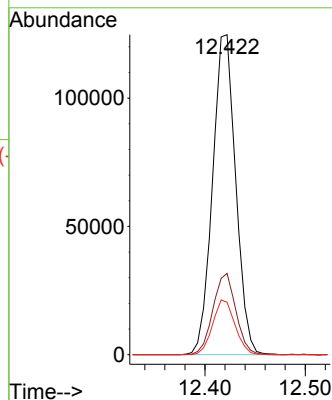
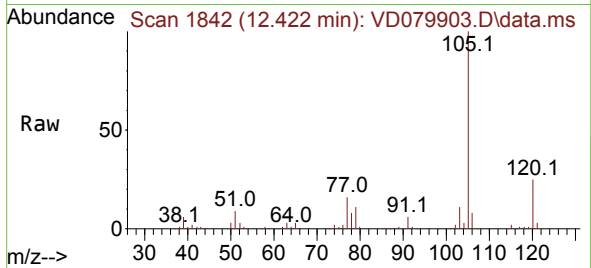




#60
Isopropylbenzene
Concen: 26.380 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

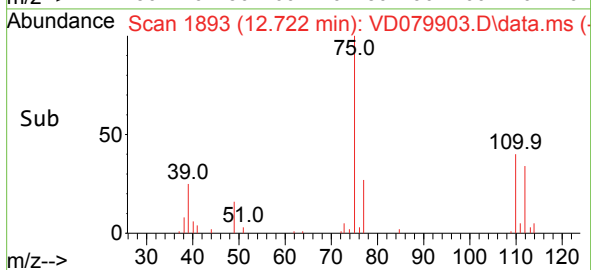
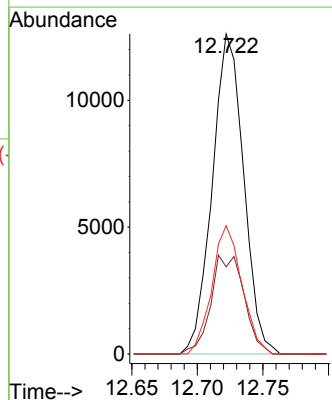
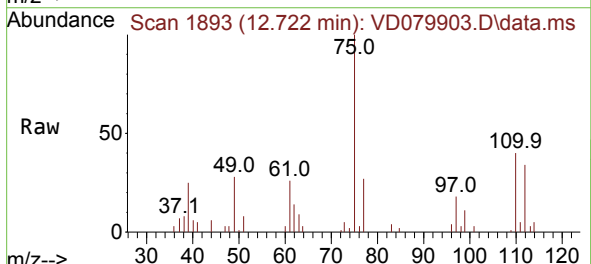
Instrument :
MSVOA_D
ClientSampleId :

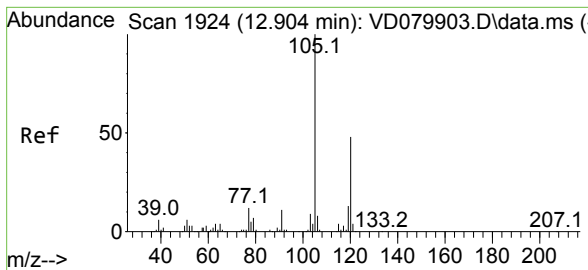
Tgt Ion:105 Resp: 199675
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 19.443 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion: 75 Resp: 20952
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
110 38.3 30.1 45.1

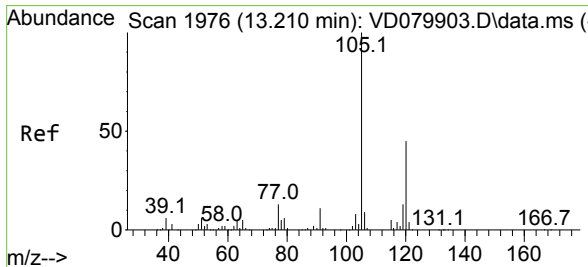
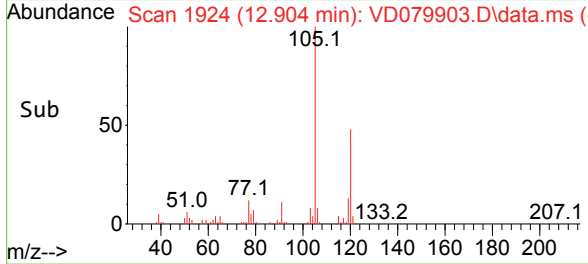
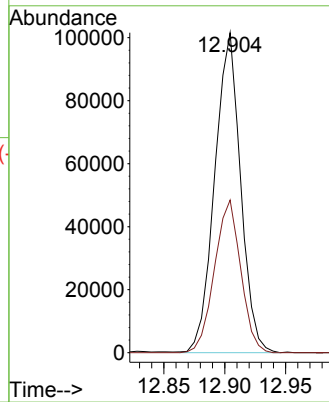
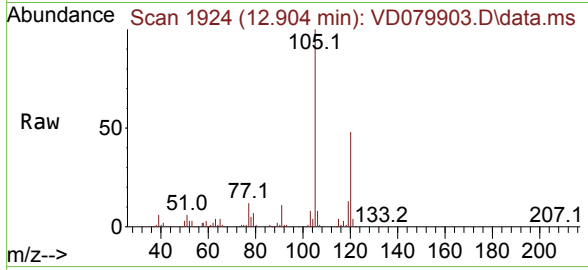




#62
1,3,5-Trimethylbenzene
Concen: 27.092 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

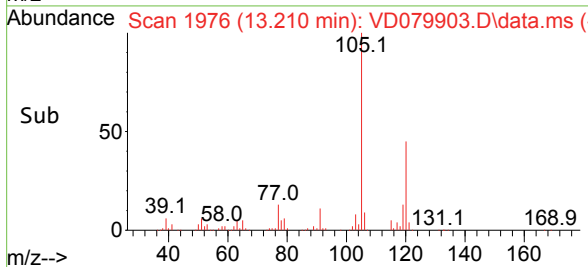
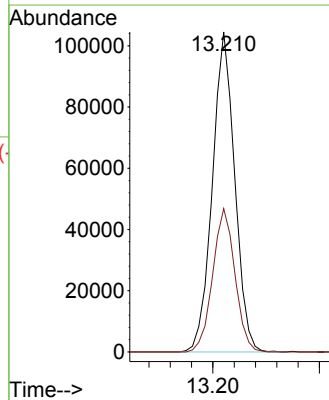
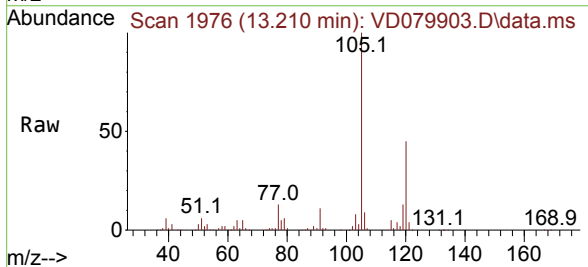
Instrument :
MSVOA_D
ClientSampleId :

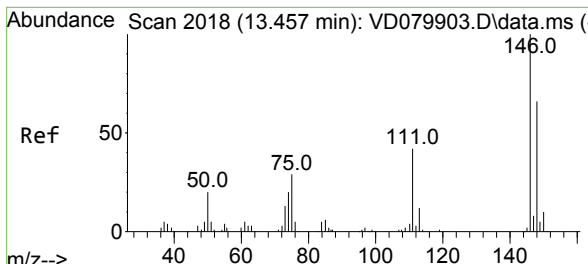
Tgt Ion:105 Resp: 149969
Ion Ratio Lower Upper
105 100
120 48.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.228 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

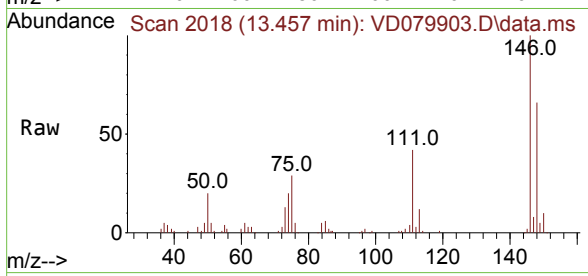
Tgt Ion:105 Resp: 152256
Ion Ratio Lower Upper
105 100
120 44.6 36.3 54.5



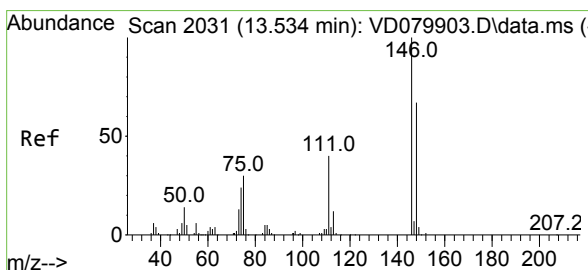
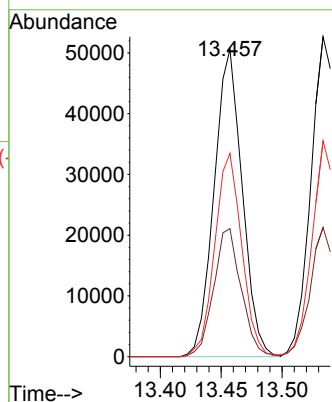
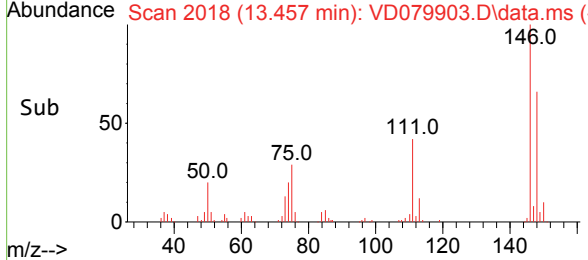


#64
 1,3-Dichlorobenzene
 Concen: 25.974 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

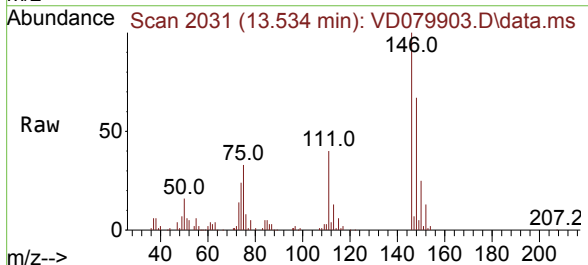
Instrument :
 MSVOA_D
 ClientSampleId :



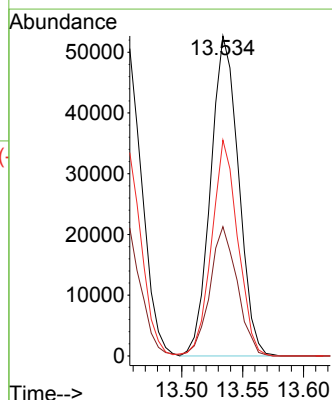
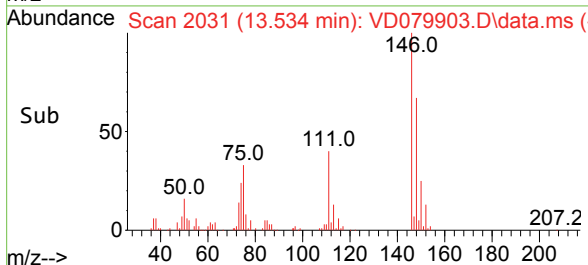
Tgt Ion:	146	Resp:	81248
Ion	Ratio	Lower	Upper
146	100		
111	41.6	27.4	50.8
148	66.2	45.6	84.8

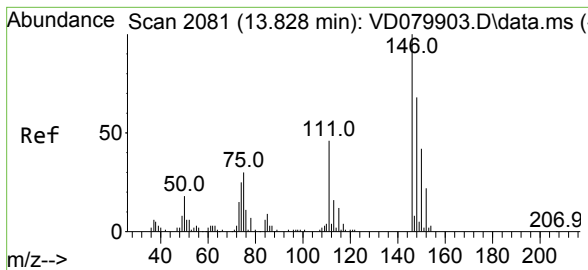


#65
 1,4-Dichlorobenzene
 Concen: 25.687 ug/L
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51



Tgt Ion:	146	Resp:	84278
Ion	Ratio	Lower	Upper
146	100		
111	40.4	27.6	51.4
148	67.5	46.1	85.7

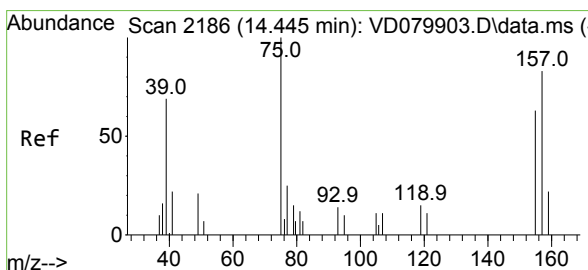
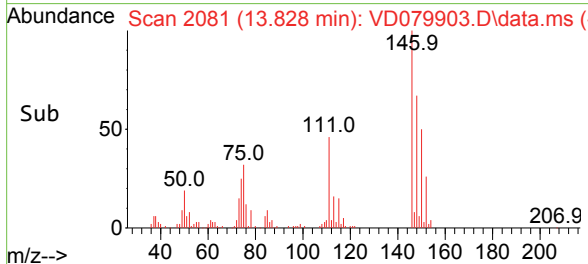
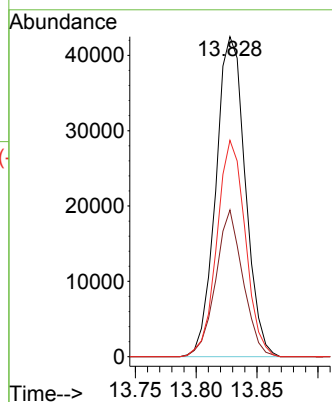
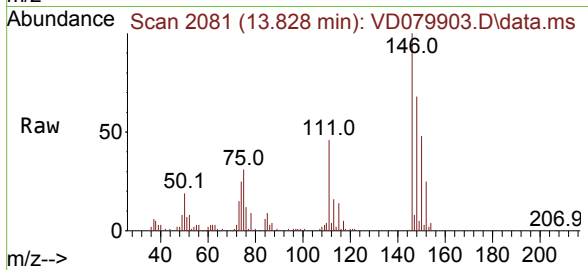




#67
 1,2-Dichlorobenzene
 Concen: 25.296 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

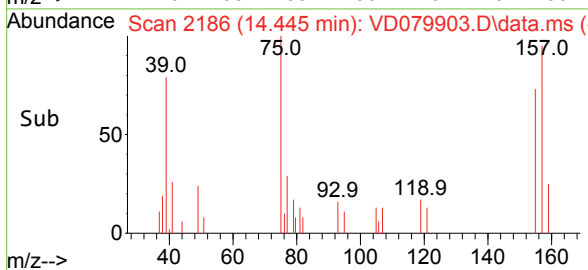
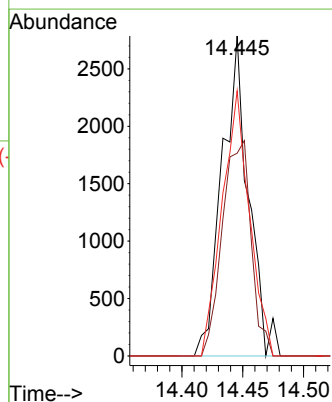
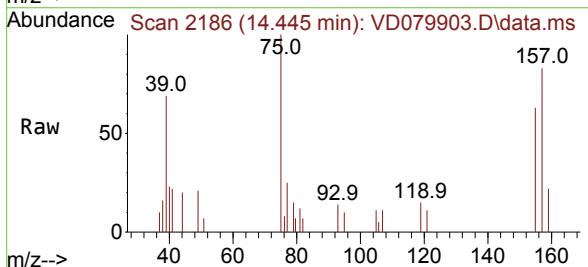
Instrument :
 MSVOA_D
 ClientSampleId :

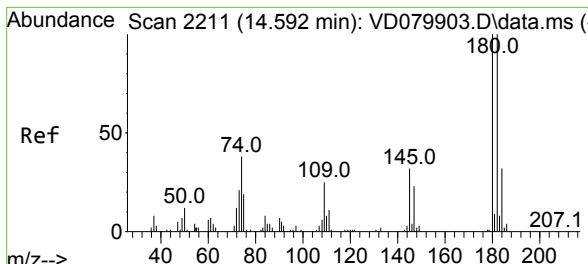
Tgt Ion:146 Resp: 71517
 Ion Ratio Lower Upper
 146 100
 111 45.9 36.9 55.3
 148 67.6 51.8 77.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 19.112 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

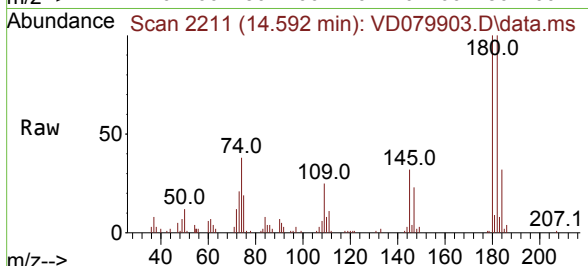
Tgt Ion: 75 Resp: 4214
 Ion Ratio Lower Upper
 75 100
 155 63.3 57.2 85.8
 157 82.8 59.7 89.5





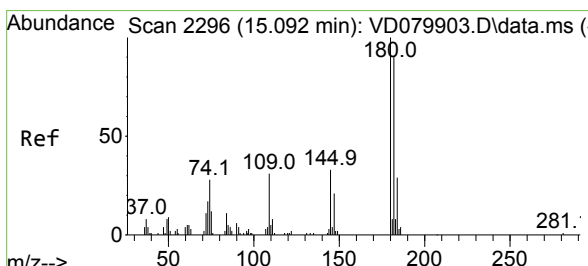
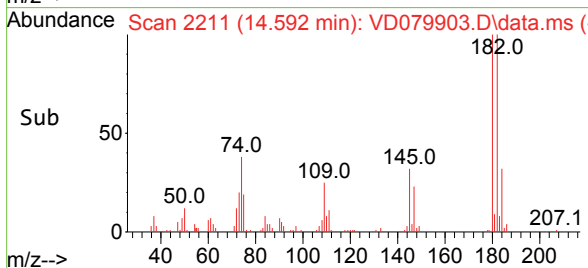
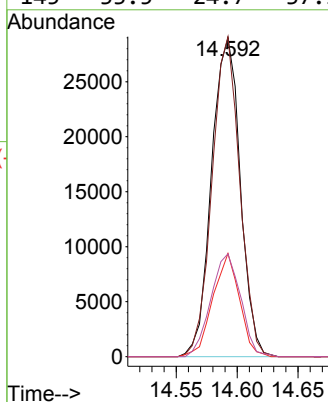
#69
 1,3,5-Trichlorobenzene
 Concen: 25.061 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 47531

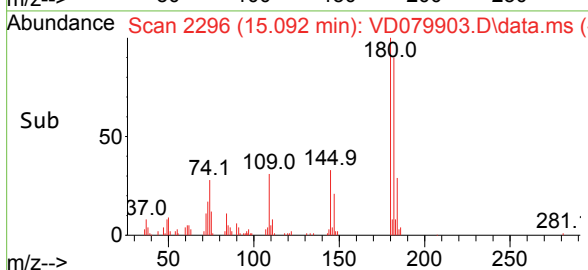
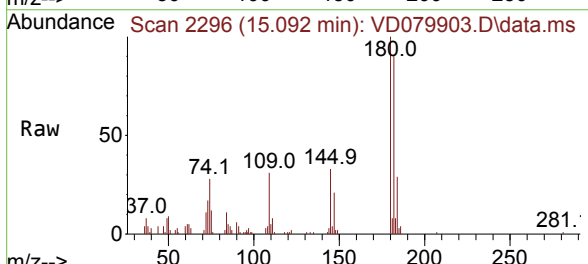
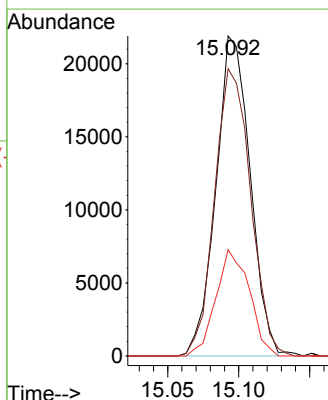
Ion	Ratio	Lower	Upper
180	100		
182	96.5	72.6	109.0
184	30.1	24.2	36.2
145	33.5	24.7	37.1

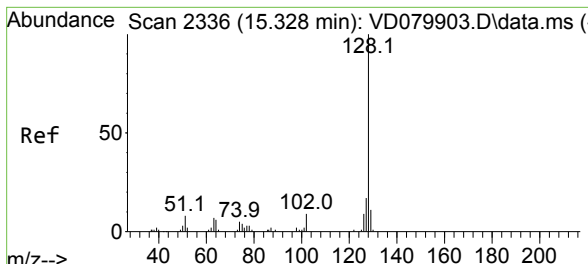


#70
 1,2,4-trichlorobenzene
 Concen: 22.961 ug/L
 RT: 15.092 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: VD079903.D
 Acq: 26 Sep 2024 11:51

Tgt Ion:180 Resp: 36667

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.9	113.9
145	32.5	26.6	40.0

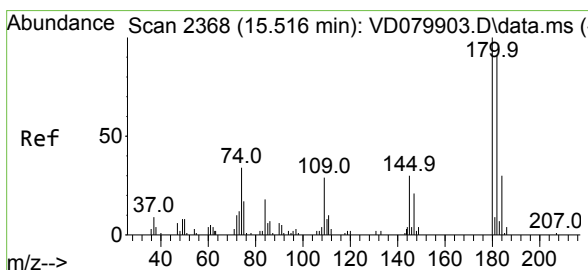
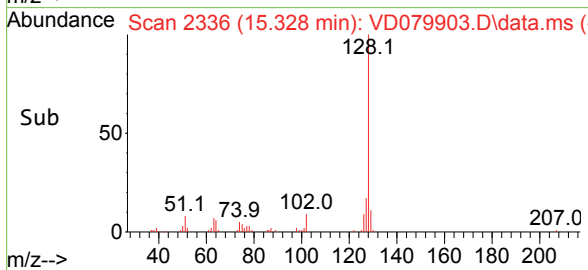
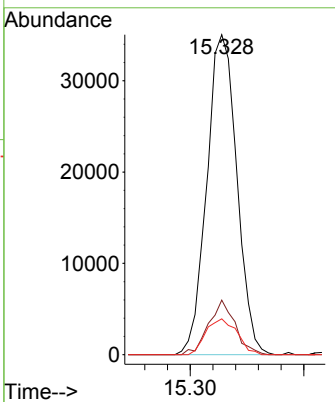
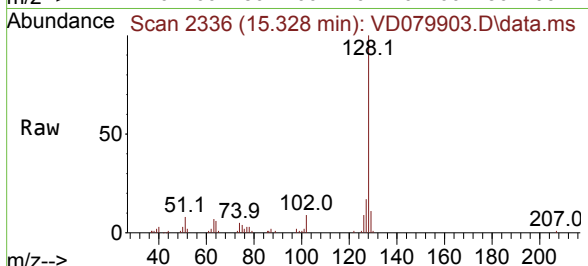




#71
Naphthalene
Concen: 18.060 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	64413
Ion Ratio	Lower	Upper	
128	100		
127	15.1	11.2	16.8
129	11.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.531 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079903.D
Acq: 26 Sep 2024 11:51

Tgt Ion:	180	Resp:	32184
Ion Ratio	Lower	Upper	
180	100		
182	90.5	74.1	111.1
145	24.0	26.4	39.6#

