

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079933.D
 Acq On : 27 Sep 2024 20:07
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.48G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:42:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	147154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	143868	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	72427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	113857	17.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.160%
7) Chloroethane-d5	2.799	69	104541	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	3.922	65	21082	18.146	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.600%
21) 2-Butanone-d5	6.987	46	22696	38.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.360%
24) Chloroform-d	7.569	84	101106	20.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	8.228	65	52703	20.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.360%
32) Benzene-d6	8.204	84	218775	21.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.210	67	65952	21.201	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	10.269	98	198395	22.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.528	79	26170	19.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.280%
47) 2-Hexanone-d5	10.875	63	20860	41.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.280%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	51606	22.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	13.810	152	59339	21.725	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61994	22.094	ug/L	96
3) Chloromethane	2.146	50	124488	25.309	ug/L	99
5) Vinyl chloride	2.281	62	151589	25.150	ug/L	98
6) Bromomethane	2.693	94	99748	32.866	ug/L	99
8) Chloroethane	2.840	64	104274	26.185	ug/L	91
9) Trichlorofluoromethane	3.175	101	95833	22.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	52846	22.030	ug/L #	76
12) 1,1-Dichloroethene	3.940	96	52327	23.420	ug/L	83
13) Acetone	4.022	43	26912	37.129	ug/L	66
14) Carbon disulfide	4.275	76	198357	27.293	ug/L	99
15) Methyl Acetate	4.558	43	25159	21.791	ug/L #	90
16) Methylene chloride	4.805	84	69238	23.812	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	61704	25.901	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	127237	23.741	ug/L	99
19) 1,1-Dichloroethane	6.110	63	112677	23.811	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	65827	25.095	ug/L	98
22) 2-Butanone	7.081	43	33844	39.805	ug/L	97
23) Bromochloromethane	7.428	128	28467	25.570	ug/L	98
25) Chloroform	7.599	83	118740	24.106	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

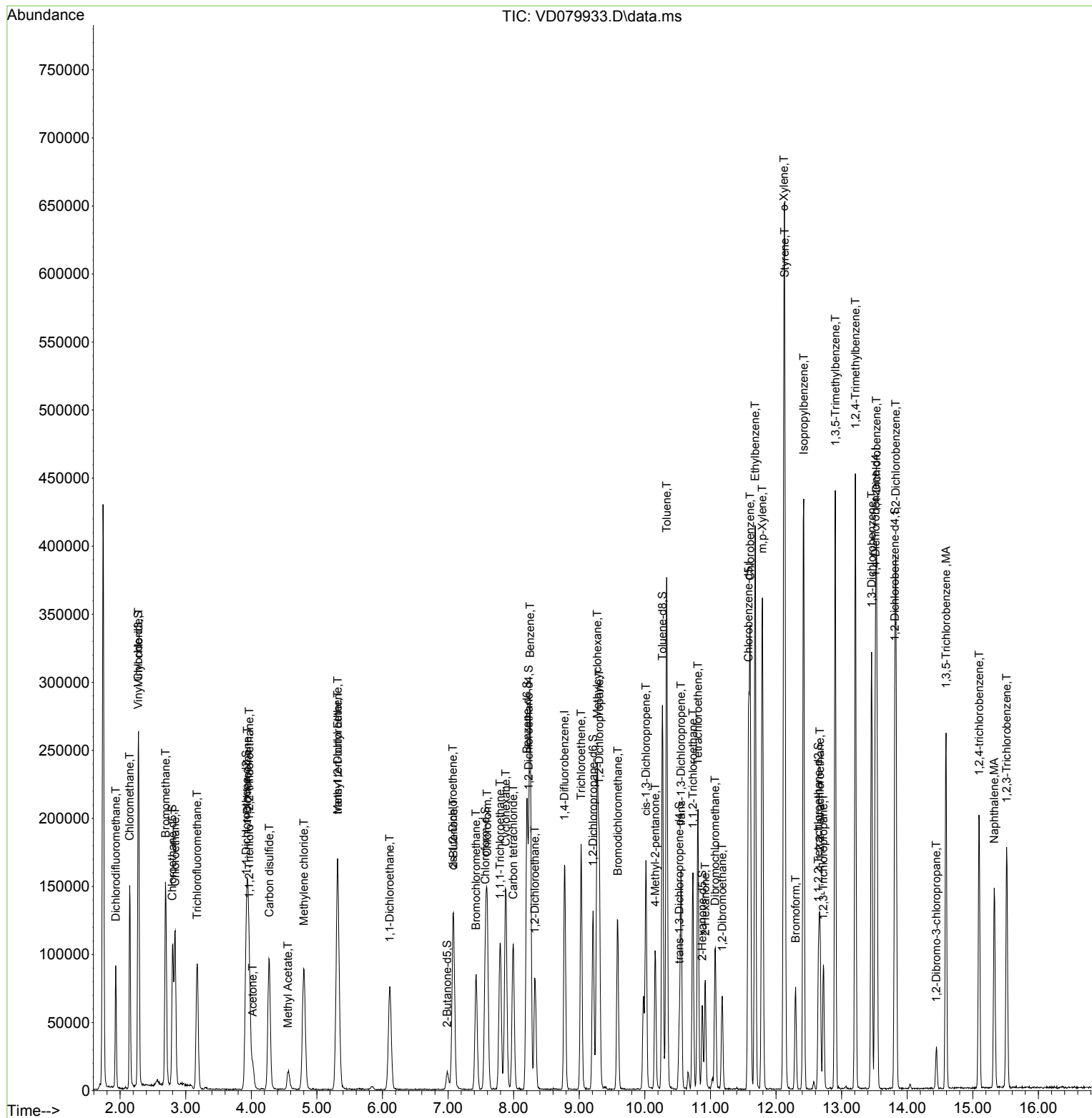
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	71320	23.689	ug/L #	95
29) Cyclohexane	7.881	56	79992	22.479	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	89979	22.944	ug/L	99
31) Carbon tetrachloride	7.993	117	83901	24.147	ug/L	98
33) Benzene	8.252	78	268458	25.060	ug/L	100
34) Trichloroethene	9.028	95	60220	24.328	ug/L	96
35) Methylcyclohexane	9.275	83	95616	23.936	ug/L	97
37) 1,2-Dichloropropane	9.304	63	72670	24.874	ug/L #	100
38) Bromodichloromethane	9.587	83	84941	24.952	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	102374	24.954	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	68602	44.858	ug/L	97
42) Toluene	10.334	91	286115	25.355	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	88718	24.538	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	50350	25.225	ug/L	93
46) Tetrachloroethene	10.810	164	43876	26.109	ug/L	95
48) 2-Hexanone	10.922	43	51143	41.113	ug/L	99
49) Dibromochloromethane	11.069	129	54777	25.142	ug/L	89
50) 1,2-Dibromoethane	11.181	107	44642	25.895	ug/L #	100
51) Chlorobenzene	11.604	112	171165	25.275	ug/L	96
52) Ethylbenzene	11.681	91	298650	25.194	ug/L	99
53) m,p-Xylene	11.793	106	114624	25.529	ug/L	99
54) o-Xylene	12.122	106	112267	25.502	ug/L	90
55) Styrene	12.134	104	205883	26.610	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	58986	25.211	ug/L	97
59) Bromoform	12.298	173	30362	24.284	ug/L #	98
60) Isopropylbenzene	12.422	105	285361	22.821	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	38674	21.724	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	221835	24.257	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	224531	23.412	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	129280	25.018	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	131122	24.191	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	114016	24.411	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	7599	20.861	ug/L	86
69) 1,3,5-Trichlorobenzene	14.592	180	73154	23.347	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	61923	23.472	ug/L	96
71) Naphthalene	15.328	128	125232	21.254	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	56487	23.937	ug/L	99

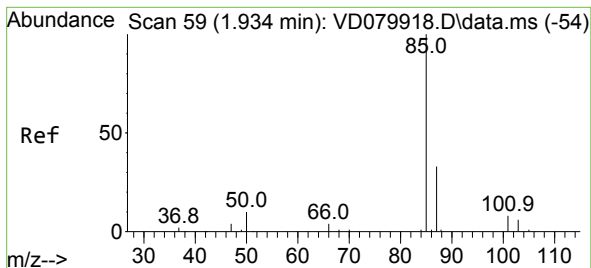
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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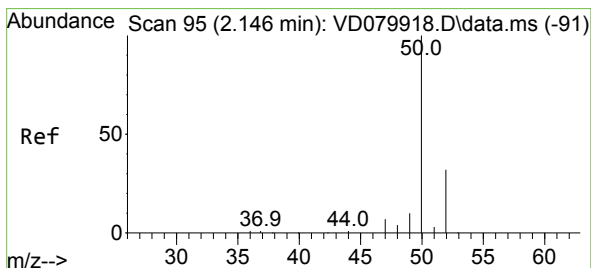
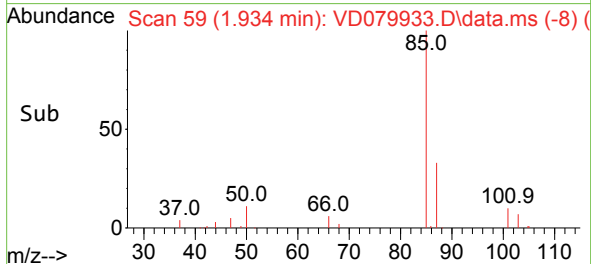
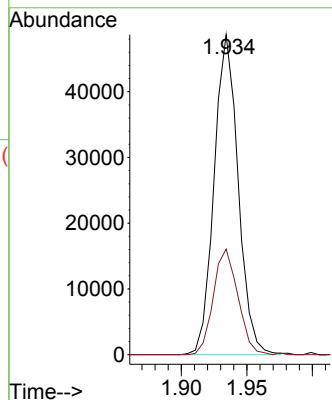
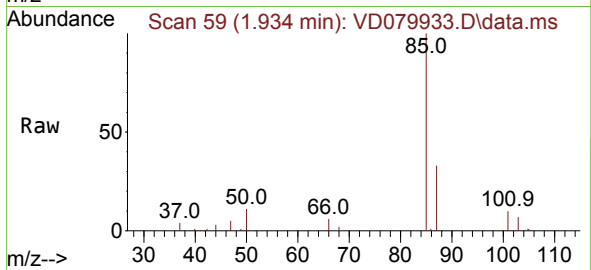




#2
Dichlorodifluoromethane
Concen: 22.094 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

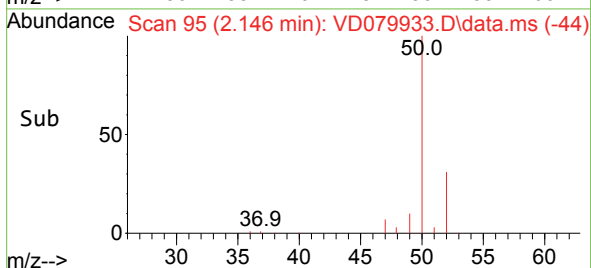
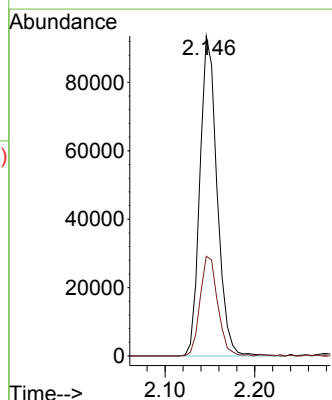
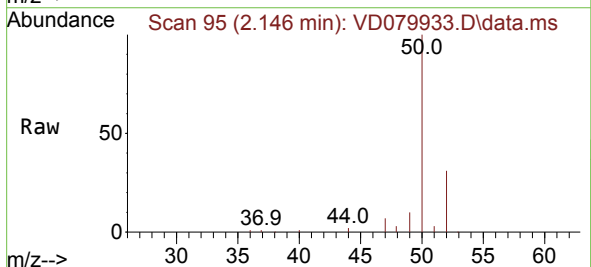
Instrument :
MSVOA_D
ClientSampleId :

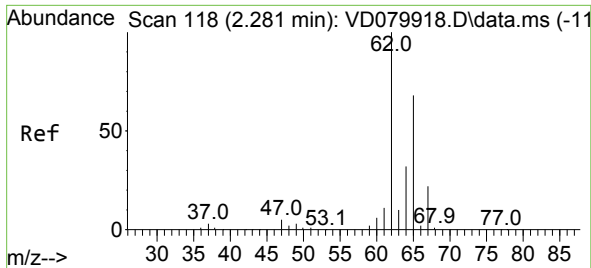
Tgt Ion: 85 Resp: 61994
Ion Ratio Lower Upper
85 100
87 33.7 25.0 37.6



#3
Chloromethane
Concen: 25.309 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

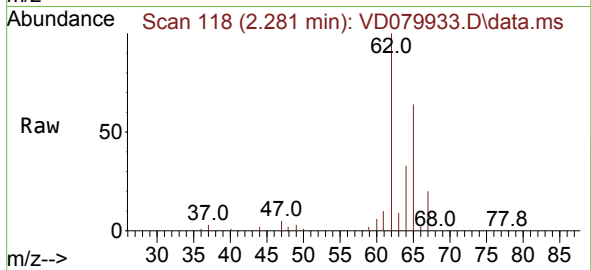
Tgt Ion: 50 Resp: 124488
Ion Ratio Lower Upper
50 100
52 31.2 22.4 41.6



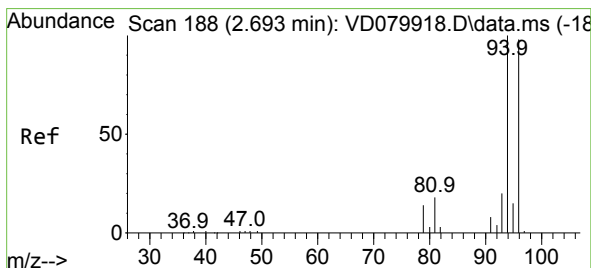
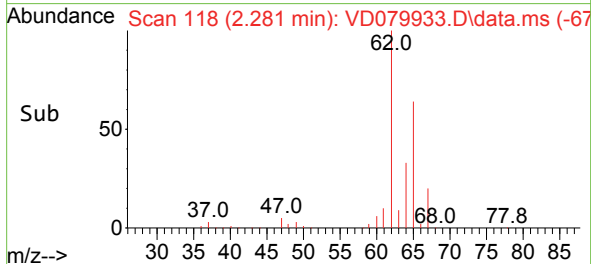
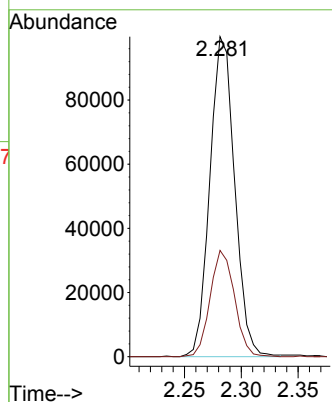


#5
 Vinyl chloride
 Concen: 25.150 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Instrument :
 MSVOA_D
 ClientSampleId :

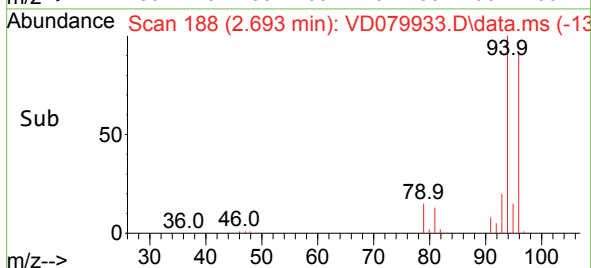
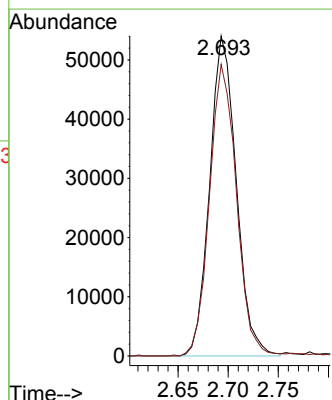
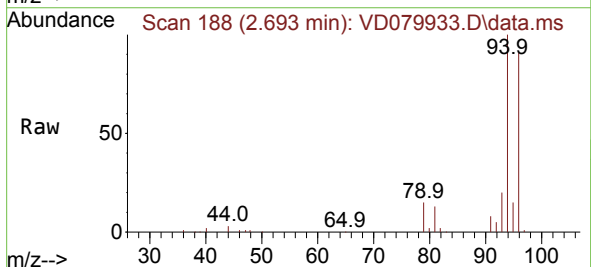


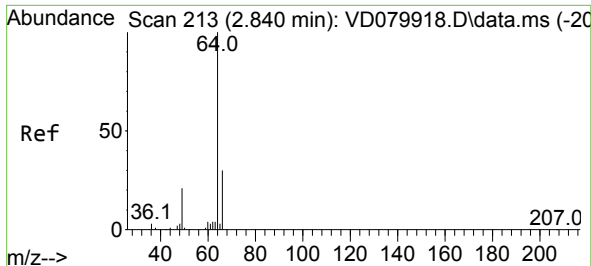
Tgt Ion: 62 Resp: 151589
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 32.866 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Tgt Ion: 94 Resp: 99748
 Ion Ratio Lower Upper
 94 100
 96 91.1 64.3 119.5

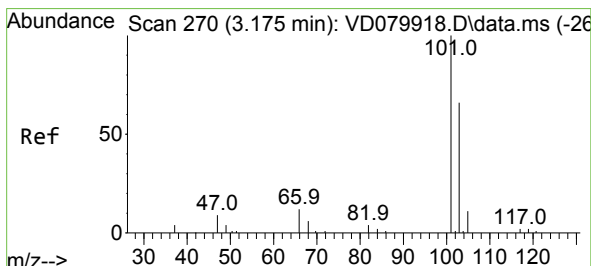
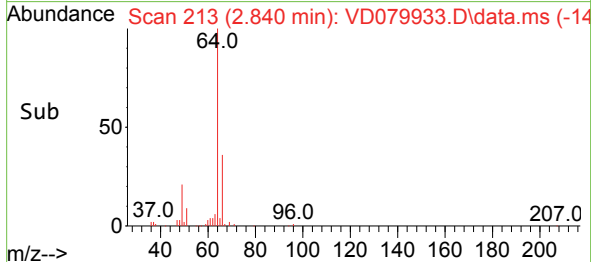
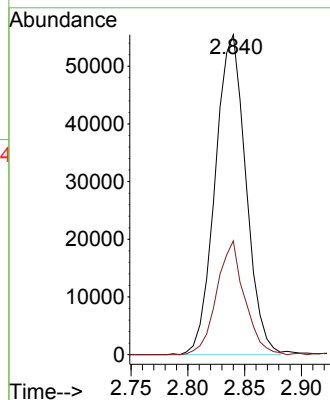
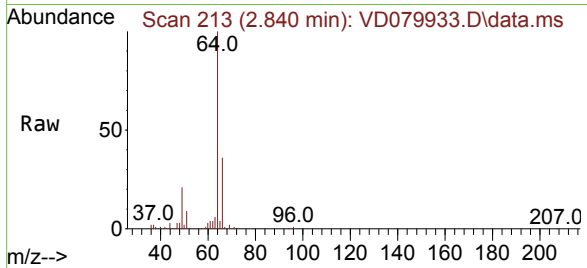




#8
Chloroethane
Concen: 26.185 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

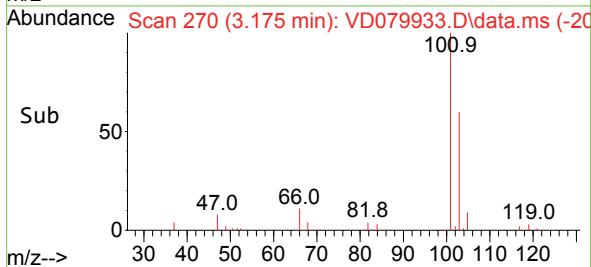
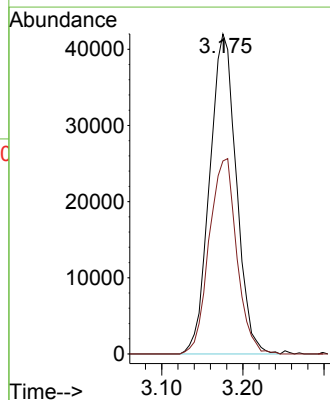
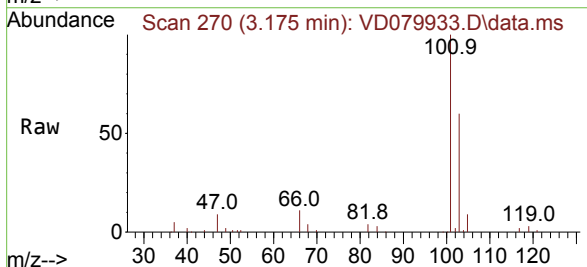
Instrument :
MSVOA_D
ClientSampleId :

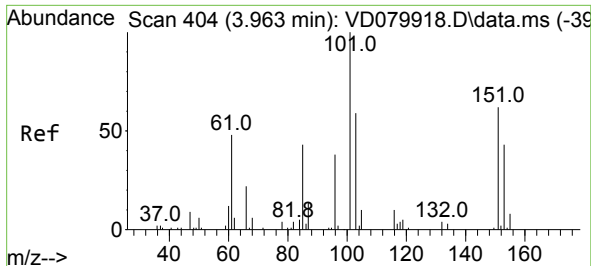
Tgt Ion: 64 Resp: 104274
Ion Ratio Lower Upper
64 100
66 35.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.113 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

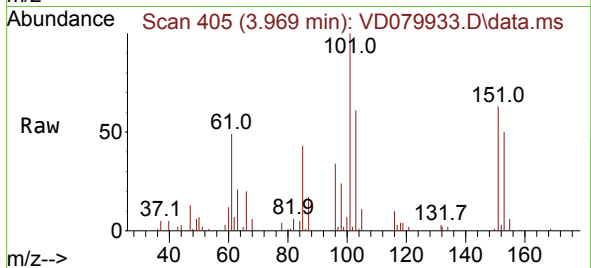
Tgt Ion:101 Resp: 95833
Ion Ratio Lower Upper
101 100
103 62.9 50.5 75.7



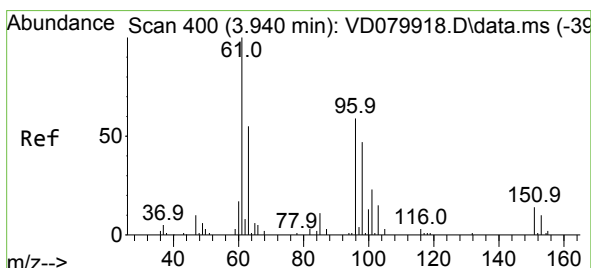
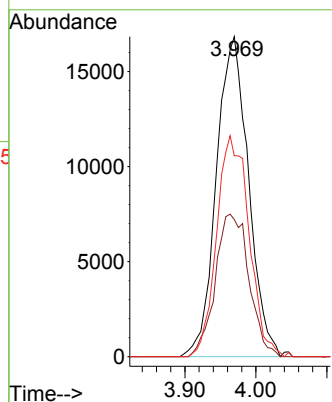
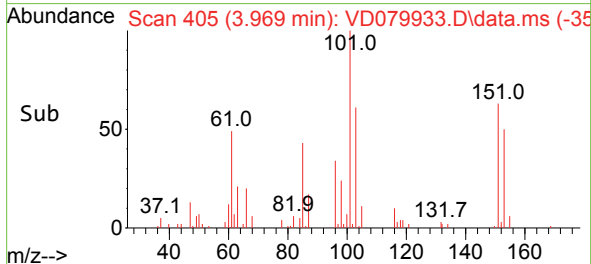


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.030 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

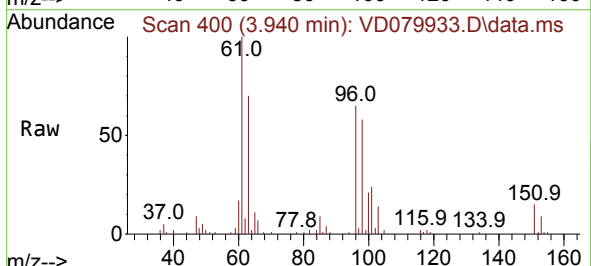
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 ClientSampleId :



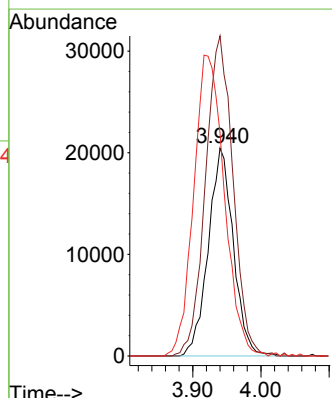
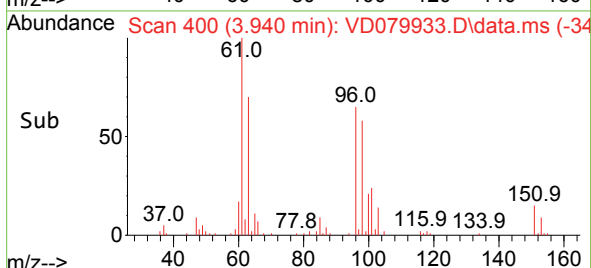
Tgt Ion:101 Resp: 52846
 Ion Ratio Lower Upper
 101 100
 85 32.4 37.8 56.8#
 151 47.0 54.2 81.4#

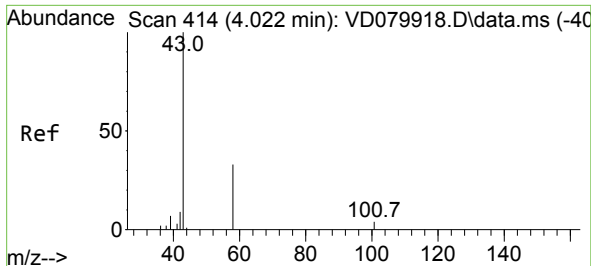


#12
 1,1-Dichloroethene
 Concen: 23.420 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07



Tgt Ion: 96 Resp: 52327
 Ion Ratio Lower Upper
 96 100
 61 154.0 119.8 222.4
 63 107.3 93.9 174.3





#13

Acetone

Concen: 37.129 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

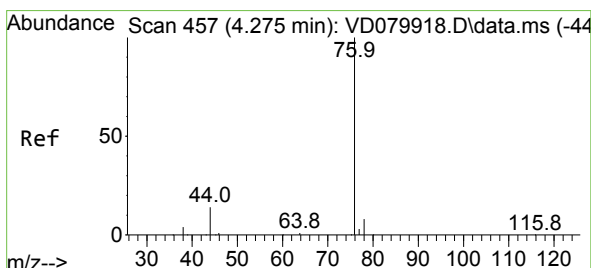
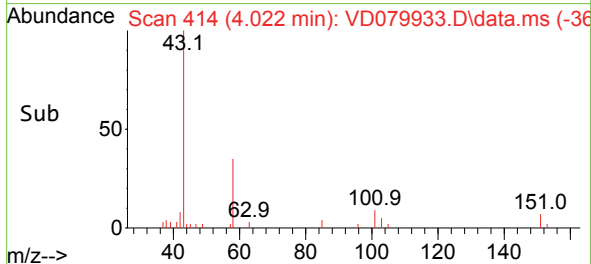
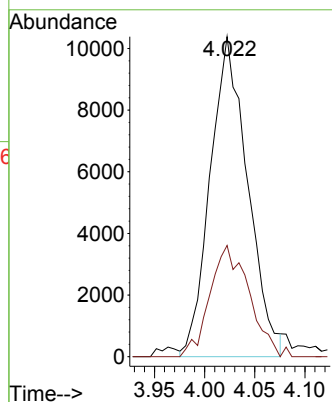
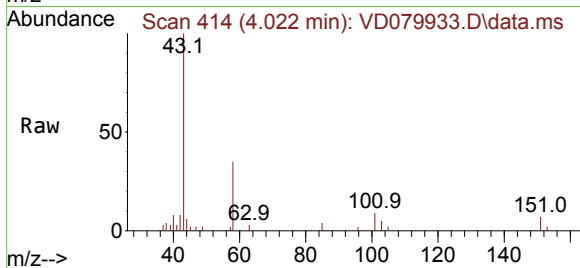
ClientSampleId :

Tgt Ion: 43 Resp: 26912

Ion Ratio Lower Upper

43 100

58 17.6 0.0 75.8



#14

Carbon disulfide

Concen: 27.293 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD079933.D

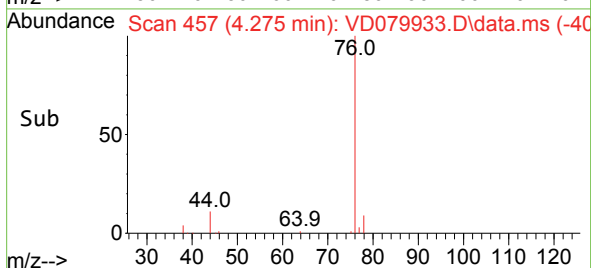
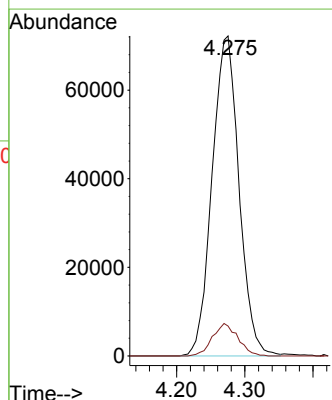
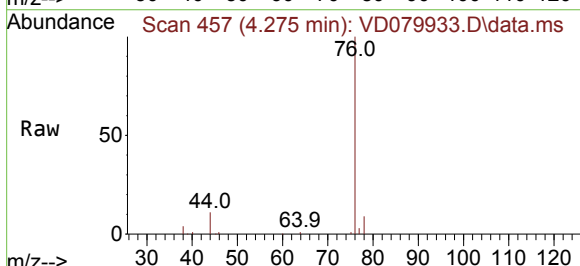
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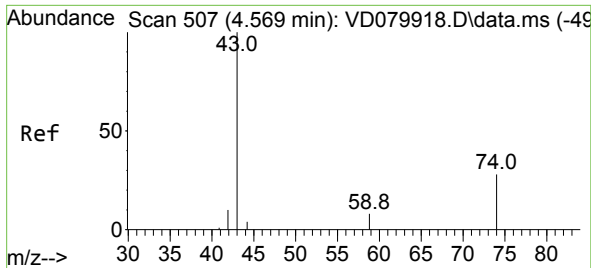
Tgt Ion: 76 Resp: 198357

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

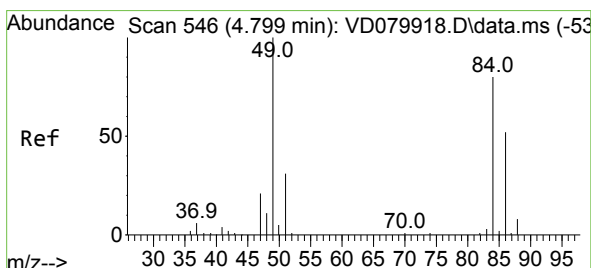
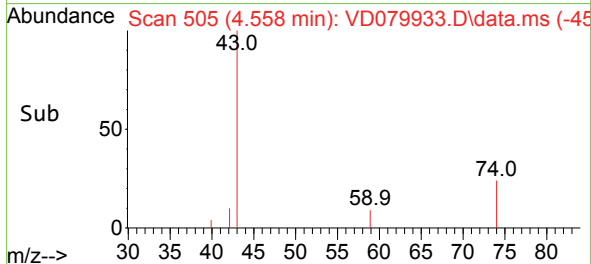
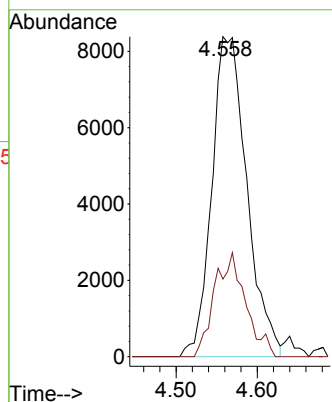
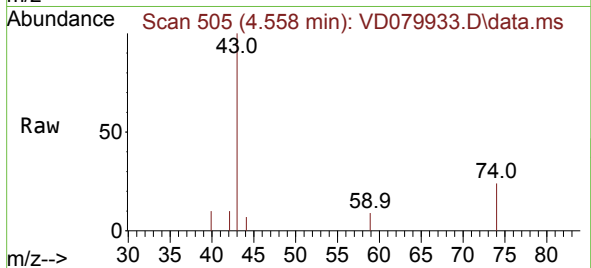




#15
Methyl Acetate
Concen: 21.791 ug/L
RT: 4.558 min Scan# 507
Delta R.T. -0.012 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

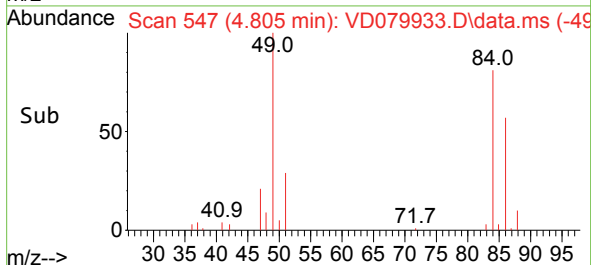
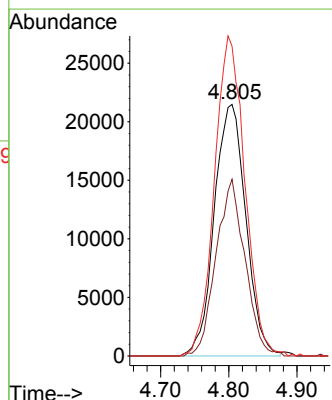
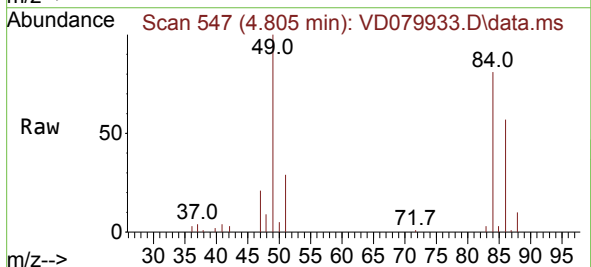
Instrument :
MSVOA_D
ClientSampleId :

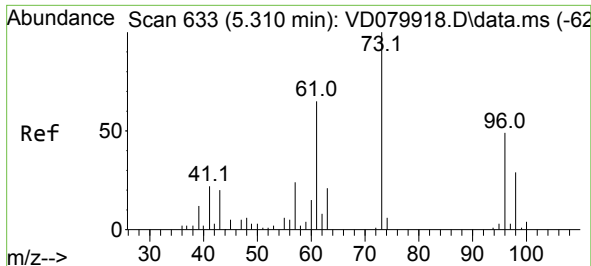
Tgt Ion: 43 Resp: 25159
Ion Ratio Lower Upper
43 100
74 10.8 11.9 17.9#



#16
Methylene chloride
Concen: 23.812 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

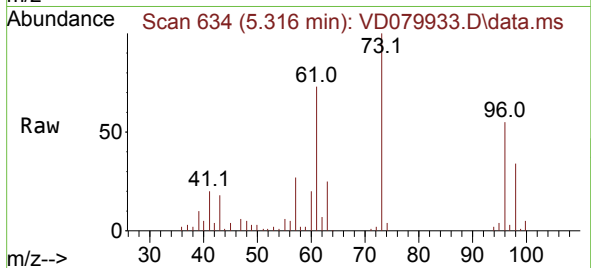
Tgt Ion: 84 Resp: 69238
Ion Ratio Lower Upper
84 100
86 70.2 41.0 76.2
49 123.2 90.0 167.2



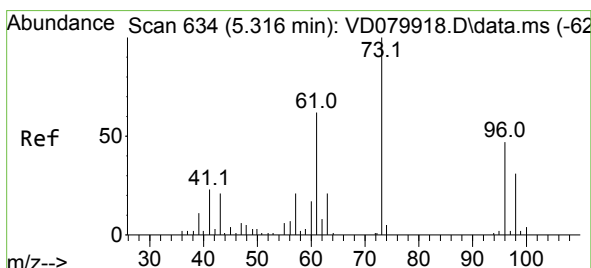
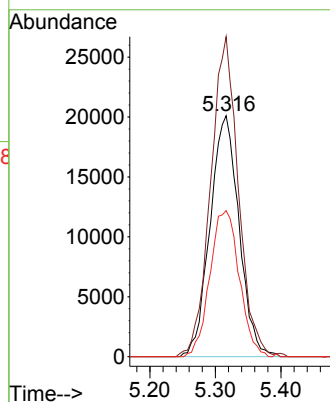
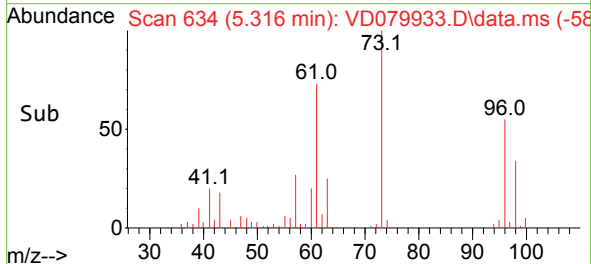


#17
trans-1,2-Dichloroethene
Concen: 25.901 ug/L
RT: 5.316 min Scan# 617
Delta R.T. 0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

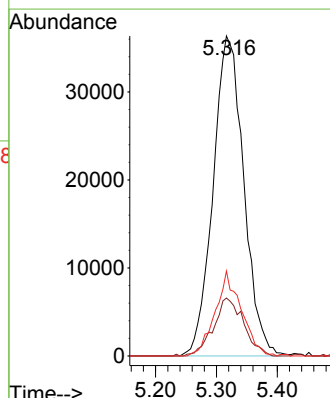
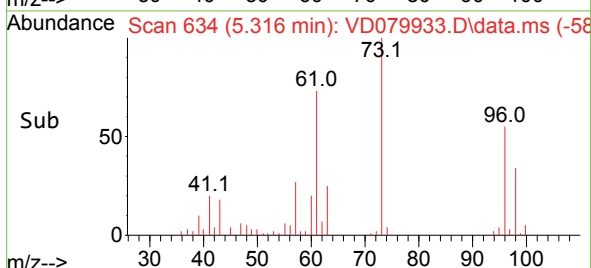
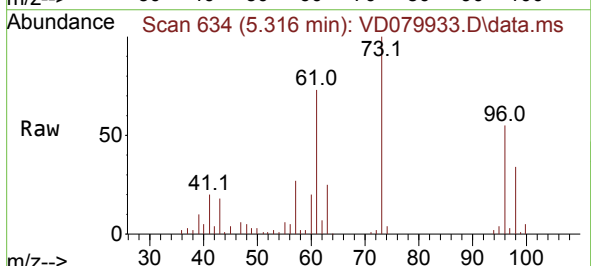


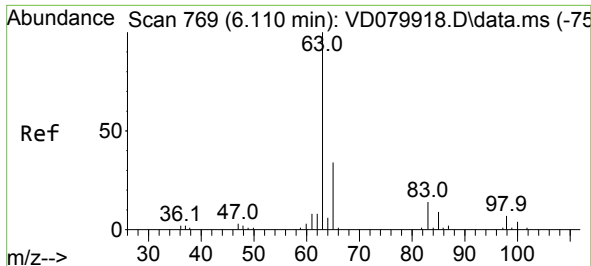
Tgt Ion: 96 Resp: 61704
Ion Ratio Lower Upper
96 100
61 132.8 88.7 164.7
98 60.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 23.741 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion: 73 Resp: 127237
Ion Ratio Lower Upper
73 100
43 17.8 14.5 21.7
57 22.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 23.811 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

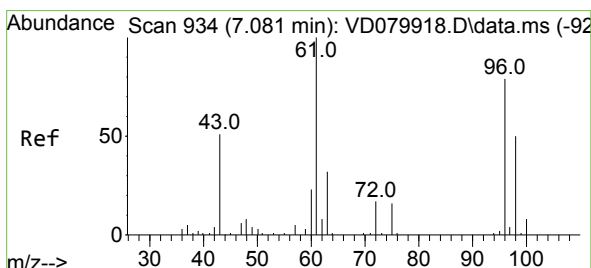
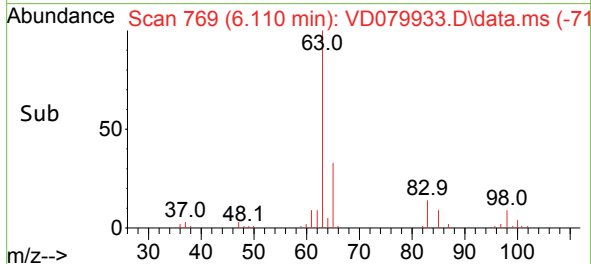
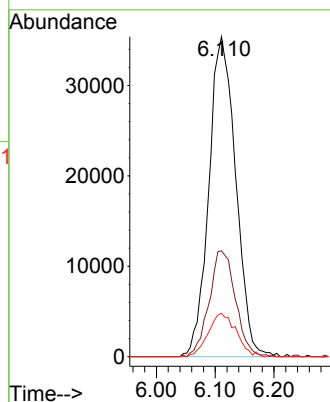
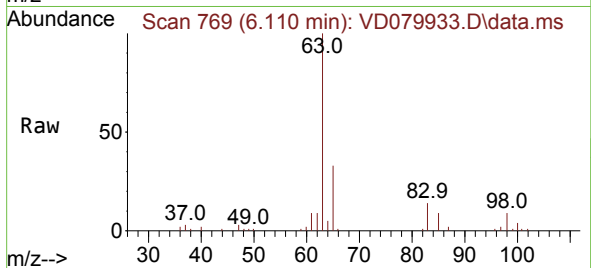
Tgt Ion: 63 Resp: 112677

Ion Ratio Lower Upper

63 100

65 33.1 22.6 42.0

83 13.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 25.095 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

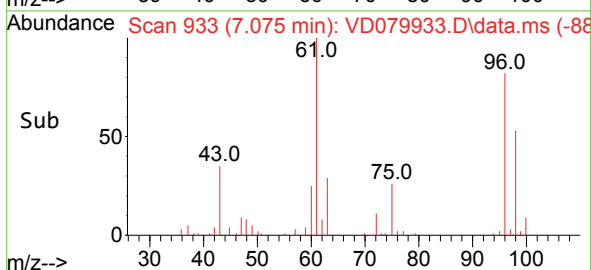
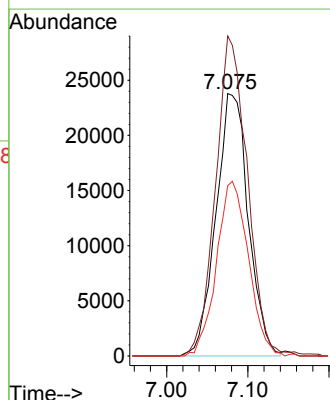
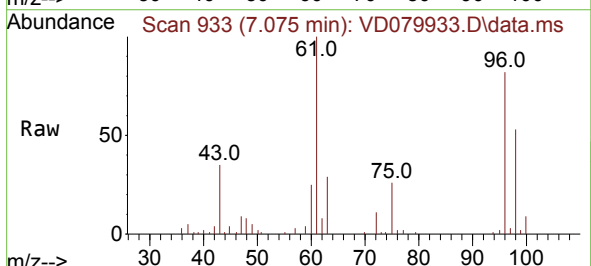
Tgt Ion: 96 Resp: 65827

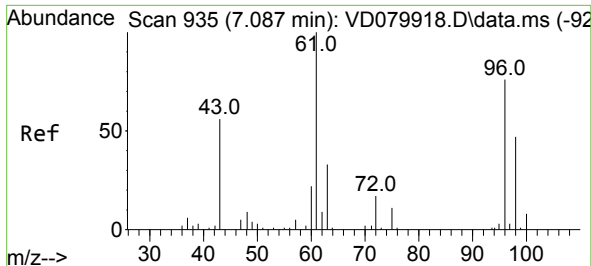
Ion Ratio Lower Upper

96 100

61 122.0 83.8 155.6

98 64.9 45.9 85.3

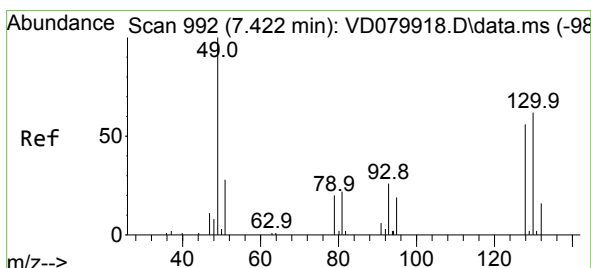
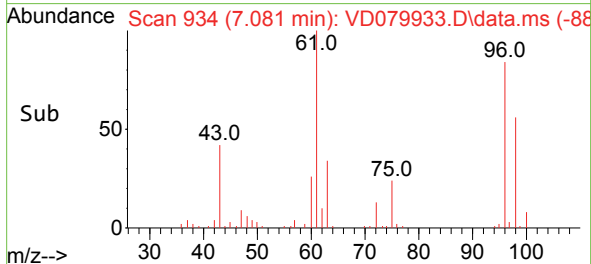
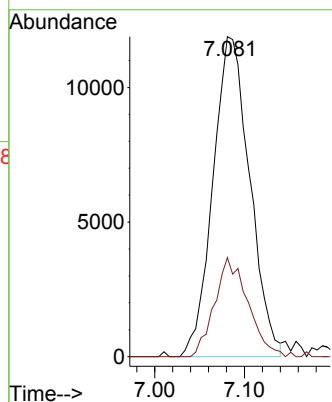
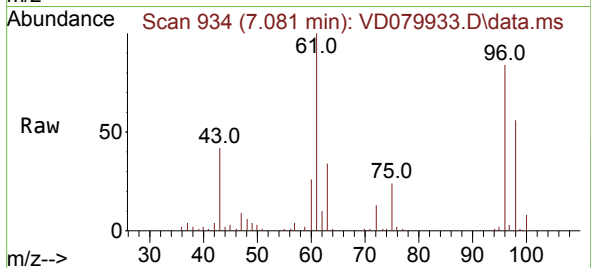




#22
2-Butanone
Concen: 39.805 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

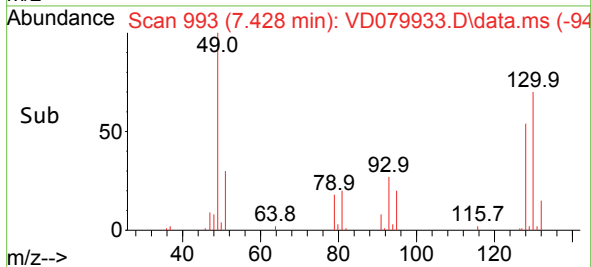
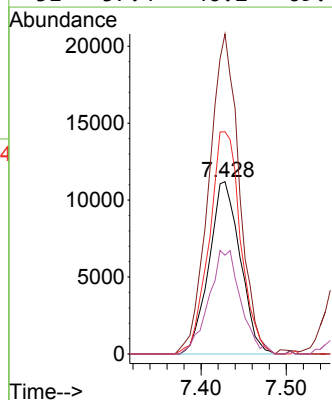
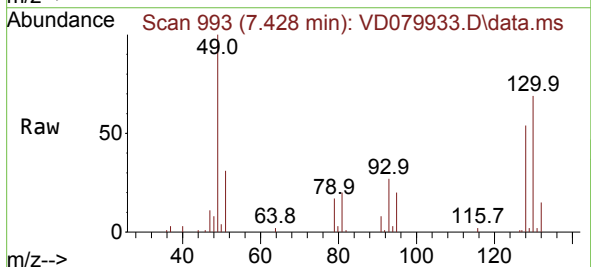
Instrument :
MSVOA_D
ClientSampleId :

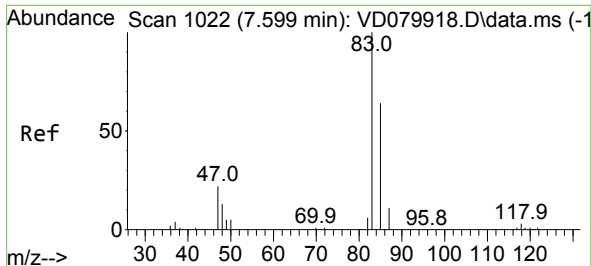
Tgt Ion: 43 Resp: 33844
Ion Ratio Lower Upper
43 100
72 27.9 13.1 39.3



#23
Bromochloromethane
Concen: 25.570 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:128 Resp: 28467
Ion Ratio Lower Upper
128 100
49 185.8 132.3 245.7
130 129.0 89.4 166.0
51 57.4 46.2 69.4





#25

Chloroform

Concen: 24.106 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

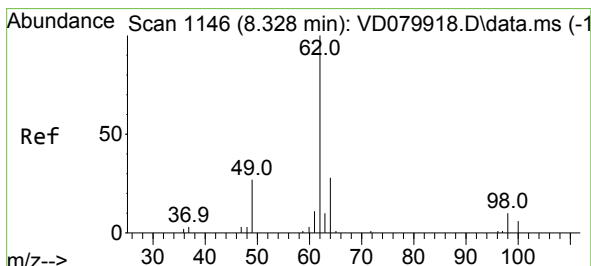
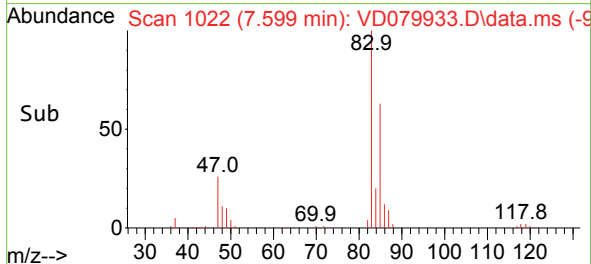
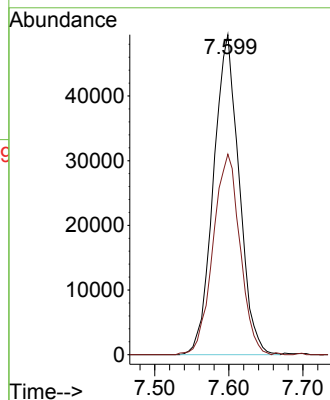
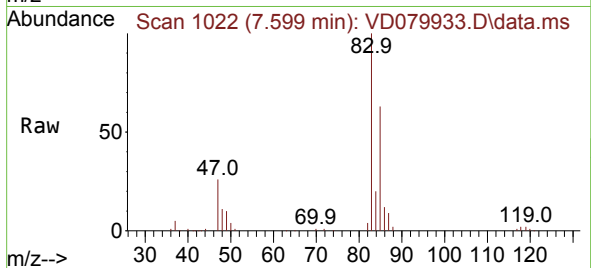
ClientSampleId :

Tgt Ion: 83 Resp: 118740

Ion Ratio Lower Upper

83 100

85 62.7 47.3 87.9



#27

1,2-Dichloroethane

Concen: 23.689 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079933.D

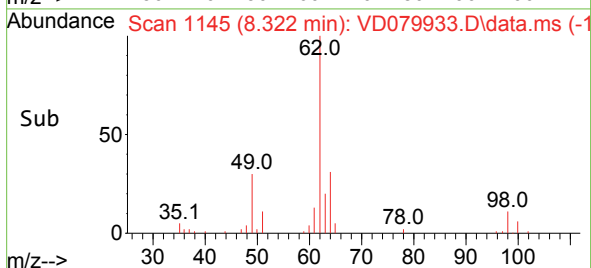
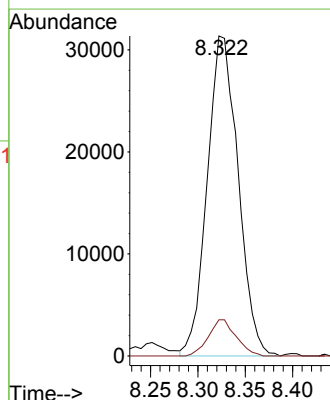
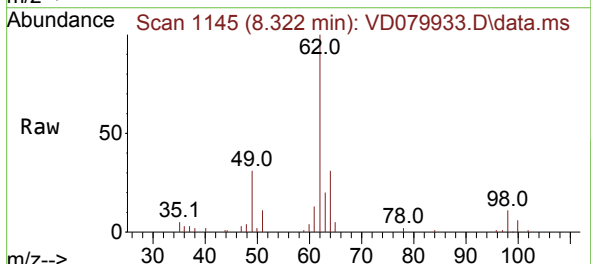
Acq: 27 Sep 2024 20:07

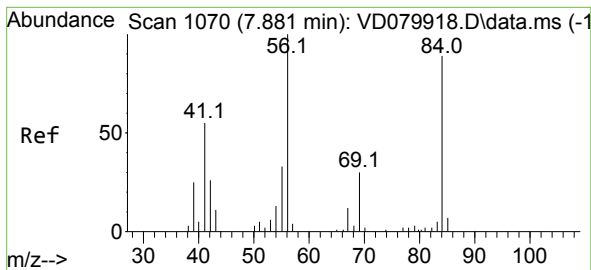
Tgt Ion: 62 Resp: 71320

Ion Ratio Lower Upper

62 100

98 11.3 7.5 11.3#





#29

Cyclohexane

Concen: 22.479 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD079933.D

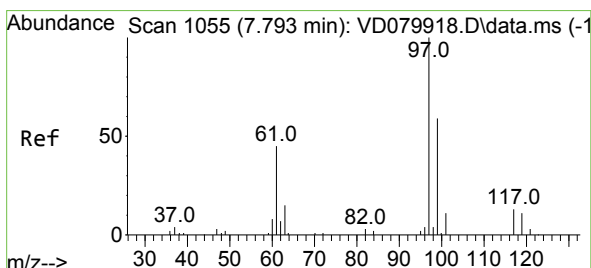
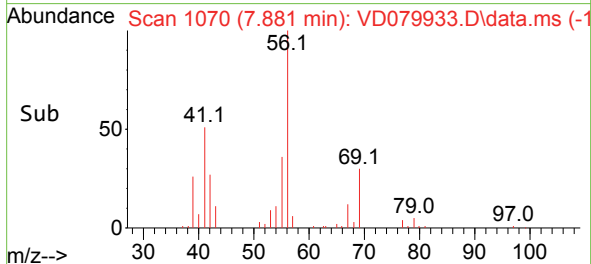
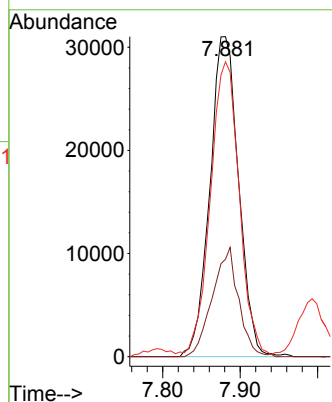
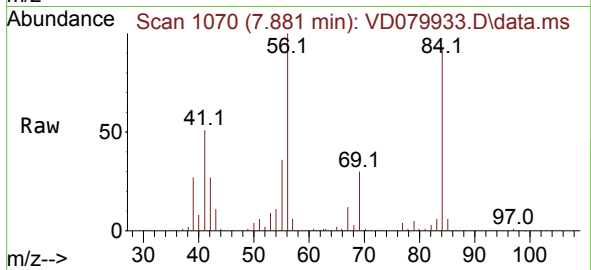
Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	79992
Ion	Ratio	Lower	Upper
56	100		
69	30.9	22.8	34.2
84	91.0	69.1	103.7



#30

1,1,1-Trichloroethane

Concen: 22.944 ug/L

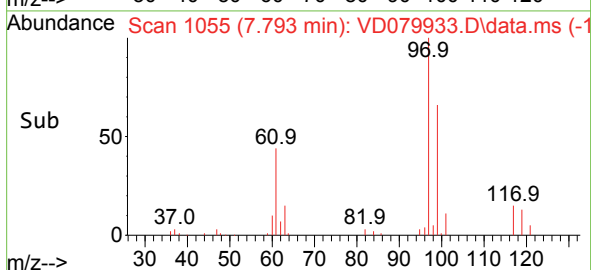
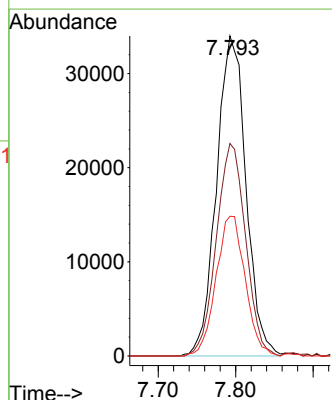
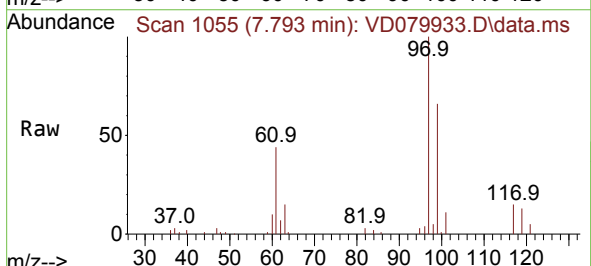
RT: 7.793 min Scan# 1055

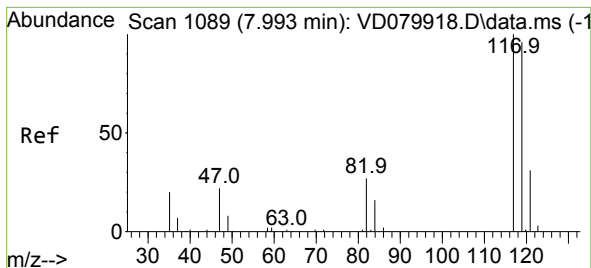
Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

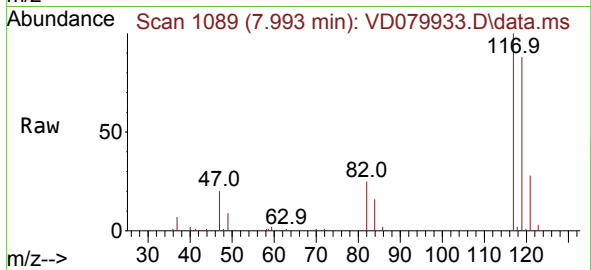
Tgt Ion:	97	Resp:	89979
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.9	77.9
61	43.2	35.4	53.2



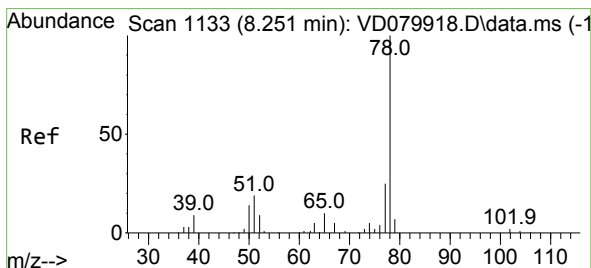
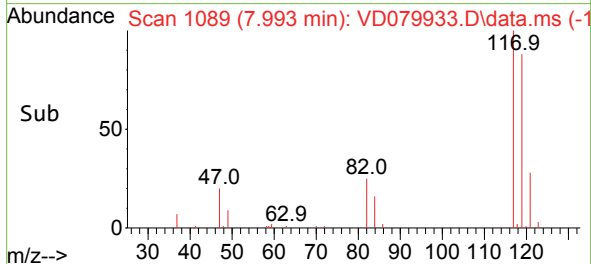
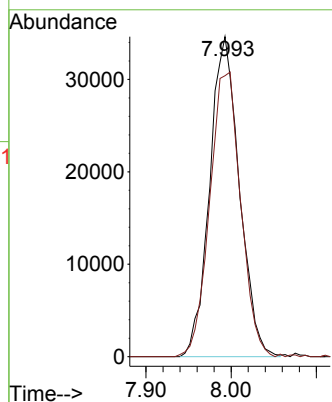


#31
Carbon tetrachloride
Concen: 24.147 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

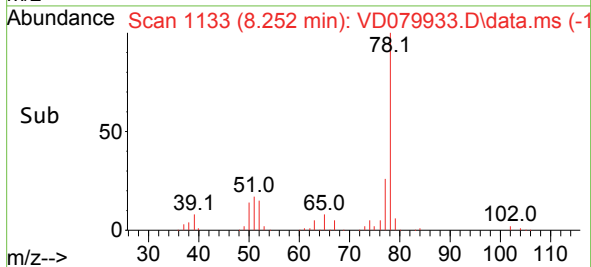
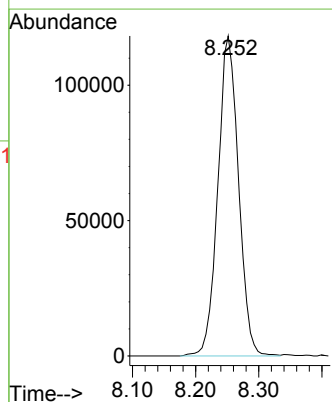
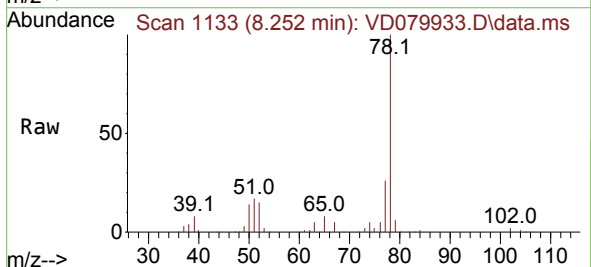


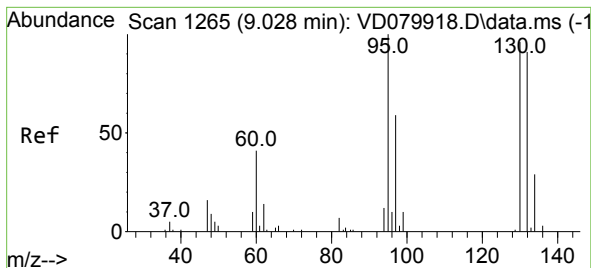
Tgt Ion:117 Resp: 83901
Ion Ratio Lower Upper
117 100
119 92.6 76.0 114.0



#33
Benzene
Concen: 25.060 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion: 78 Resp: 268458





#34

Trichloroethene

Concen: 24.328 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

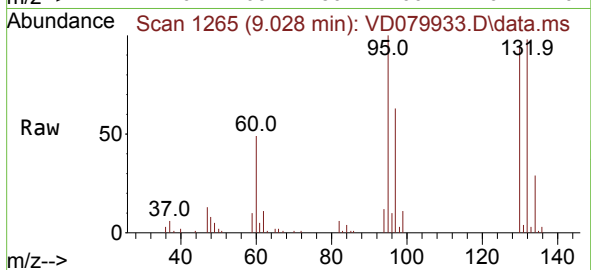
Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 60220

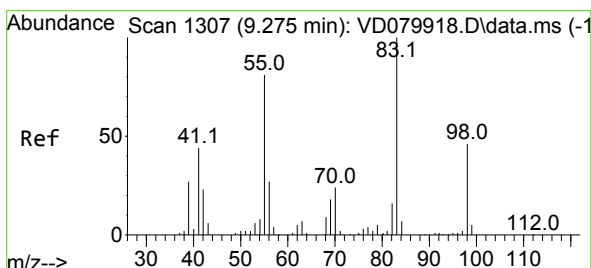
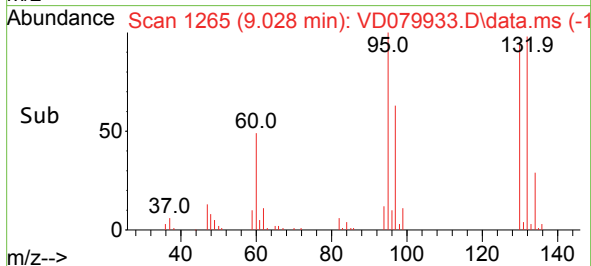
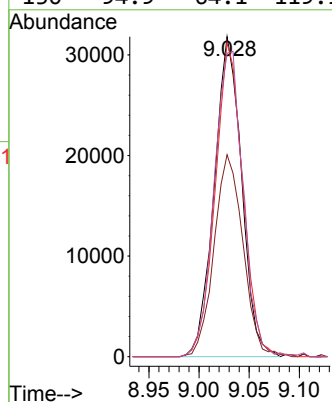
Ion Ratio Lower Upper

95 100

97 63.1 43.5 80.7

132 98.1 64.5 119.7

130 94.9 64.1 119.1



#35

Methylcyclohexane

Concen: 23.936 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

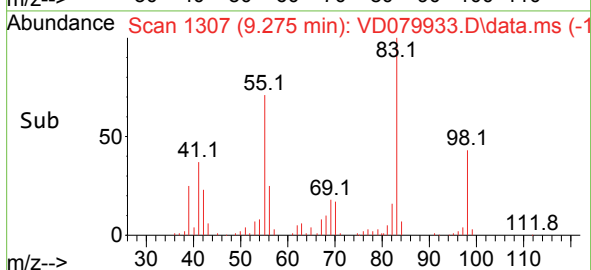
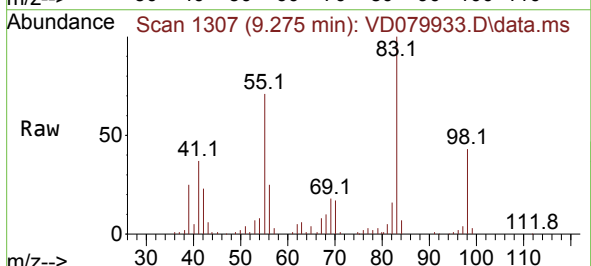
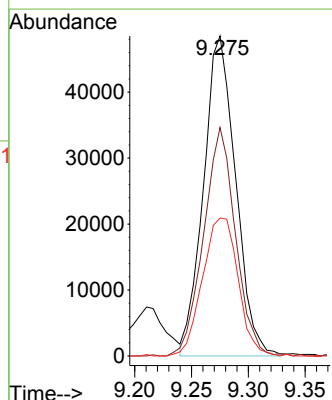
Tgt Ion: 83 Resp: 95616

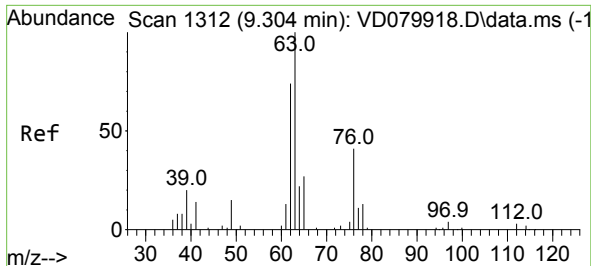
Ion Ratio Lower Upper

83 100

55 70.4 58.9 88.3

98 47.7 38.6 58.0

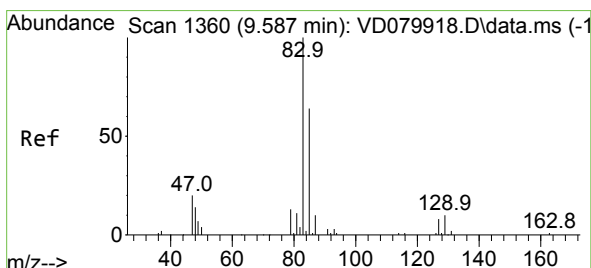
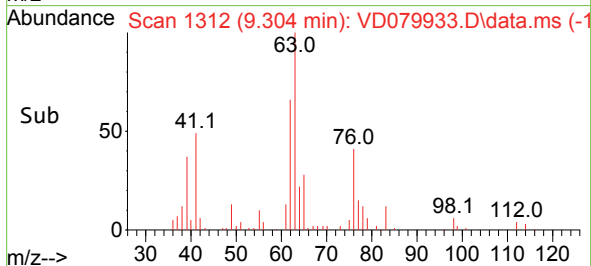
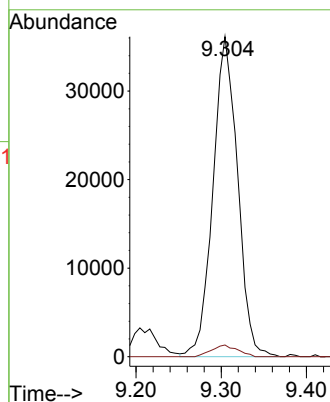
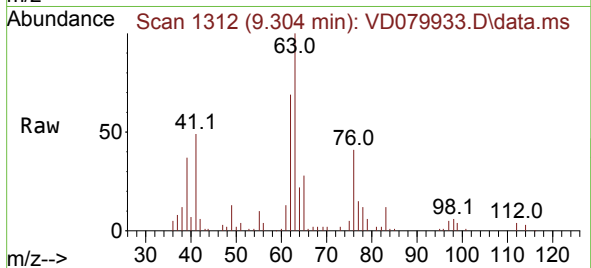




#37
1,2-Dichloropropane
Concen: 24.874 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

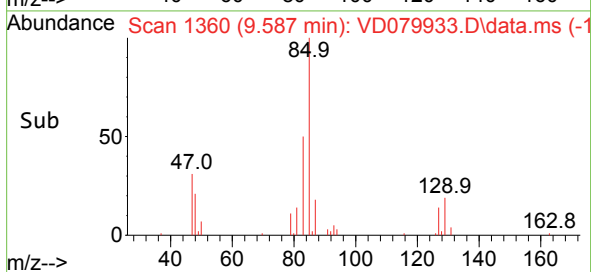
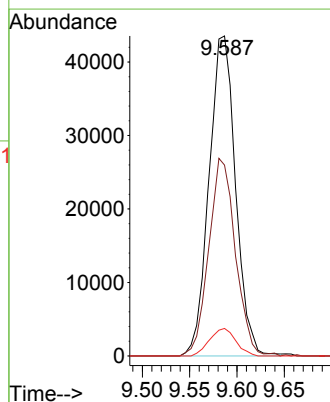
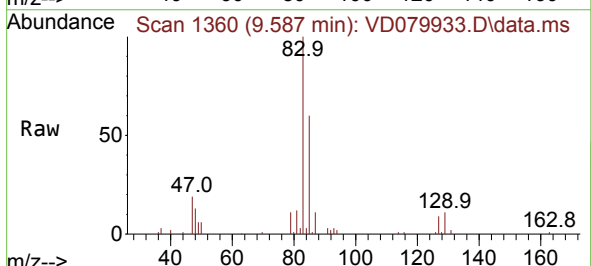
Instrument :
MSVOA_D
ClientSampleId :

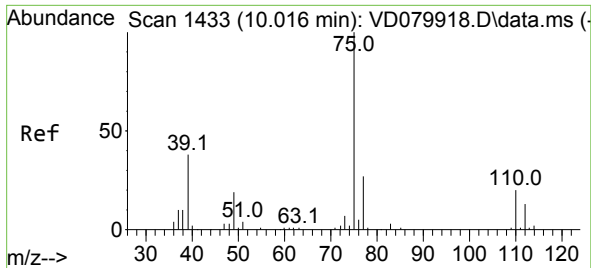
Tgt Ion: 63 Resp: 72670
Ion Ratio Lower Upper
63 100
112 3.9 0.0 0.0#



#38
Bromodichloromethane
Concen: 24.952 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion: 83 Resp: 84941
Ion Ratio Lower Upper
83 100
85 59.6 45.9 85.3
127 8.6 6.7 10.1

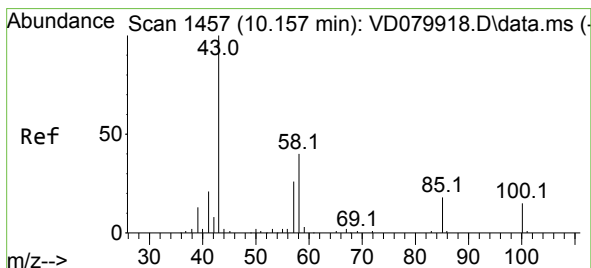
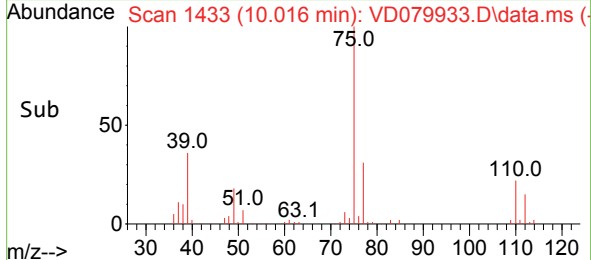
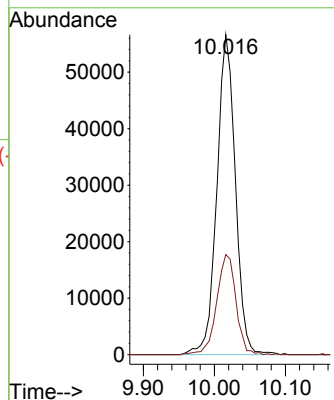
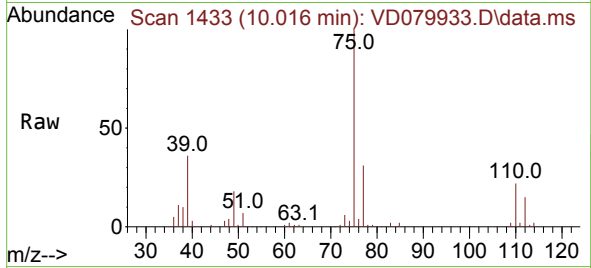




#39
 cis-1,3-Dichloropropene
 Concen: 24.954 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

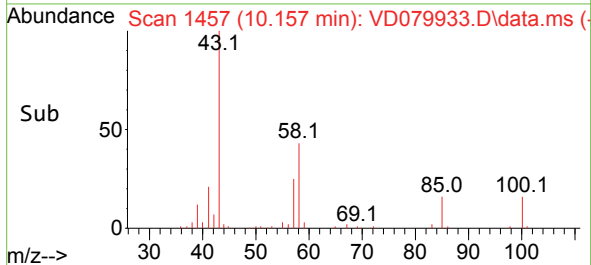
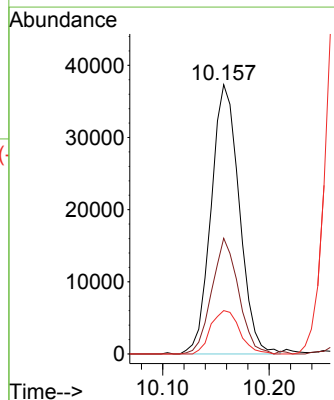
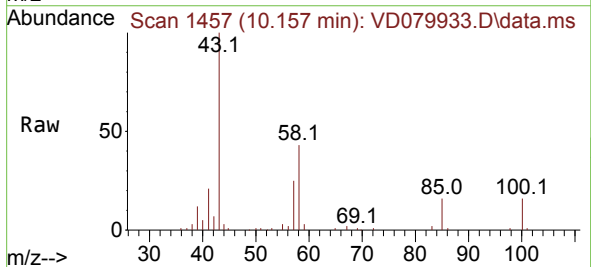
Instrument :
 MSVOA_D
 ClientSampleId :

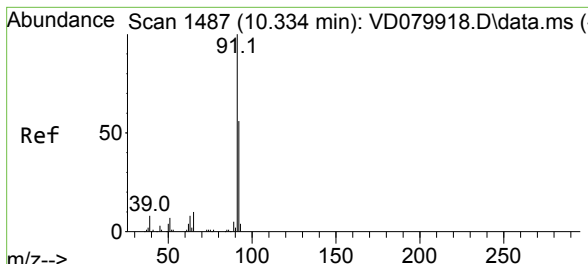
Tgt Ion: 75 Resp: 102374
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 44.858 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Tgt Ion: 43 Resp: 68602
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.1 46.7
 100 16.5 11.8 17.6

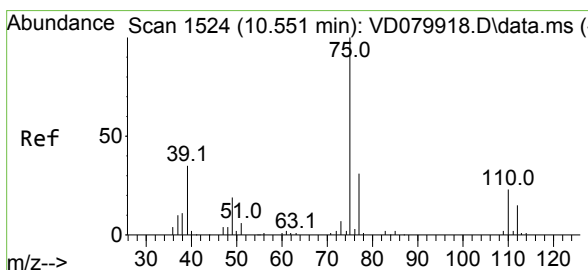
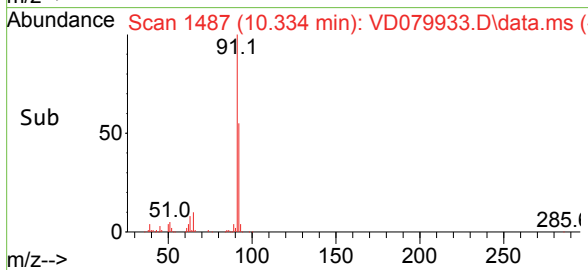
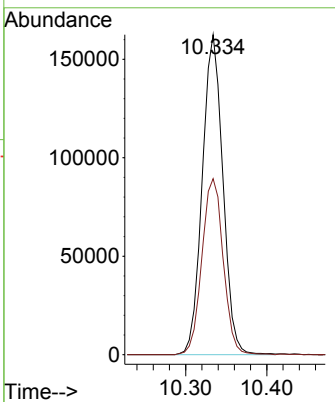
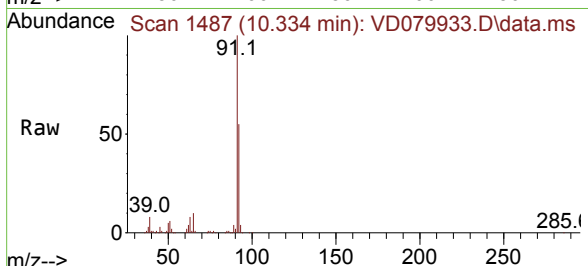




#42
Toluene
Concen: 25.355 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

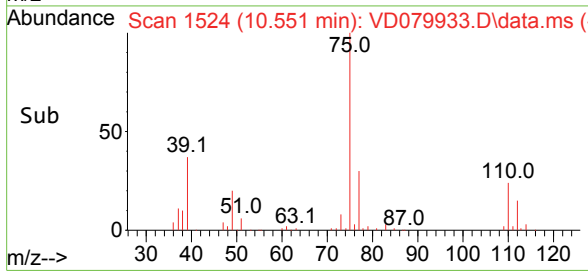
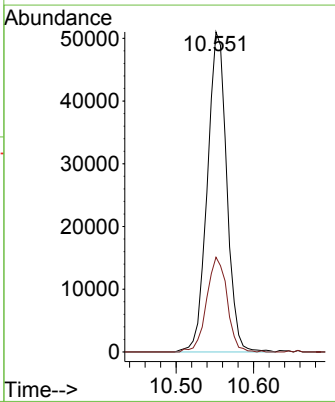
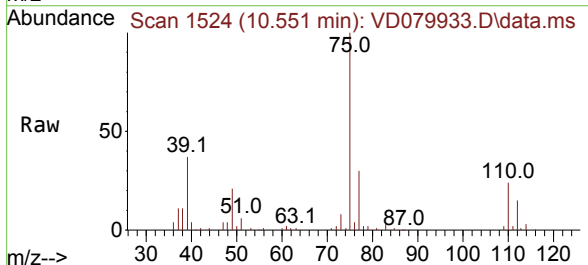
Instrument :
MSVOA_D
ClientSampleId :

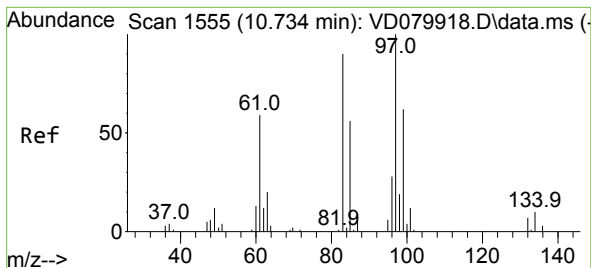
Tgt Ion:	91	Resp:	286115
Ion Ratio	Lower	Upper	
91	100		
92	55.0	38.6	71.8



#44
trans-1,3-Dichloropropene
Concen: 24.538 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:	75	Resp:	88718
Ion Ratio	Lower	Upper	
75	100		
77	29.6	21.8	40.4





#45

1,1,2-Trichloroethane

Concen: 25.225 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 50350

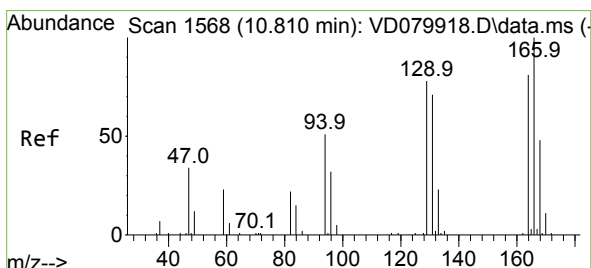
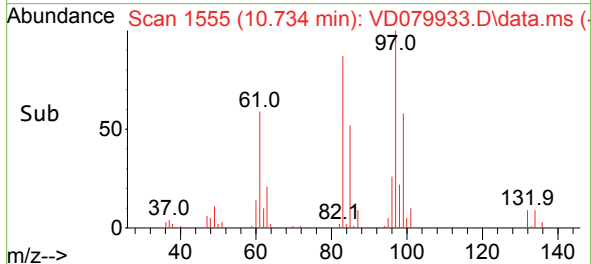
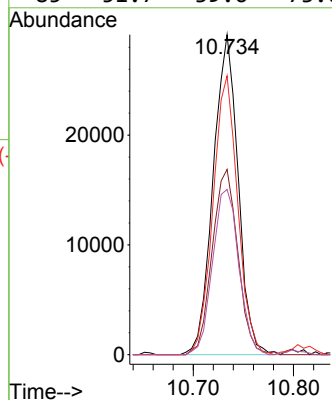
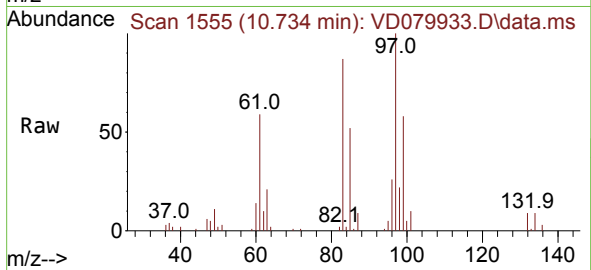
Ion Ratio Lower Upper

97 100

99 57.9 45.1 83.7

83 87.2 65.2 121.0

85 51.7 39.6 73.6



#46

Tetrachloroethene

Concen: 26.109 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Tgt Ion:164 Resp: 43876

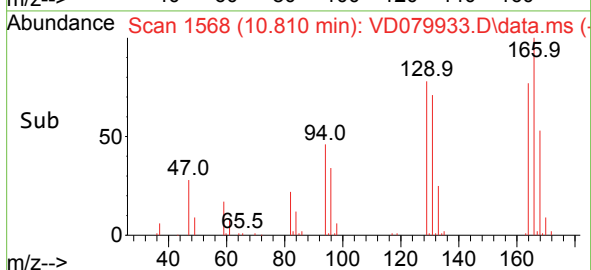
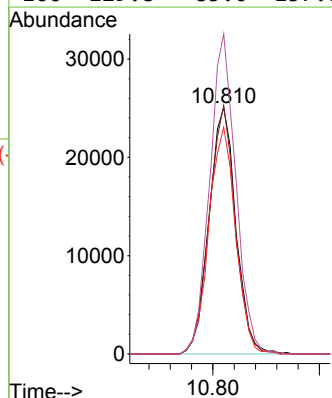
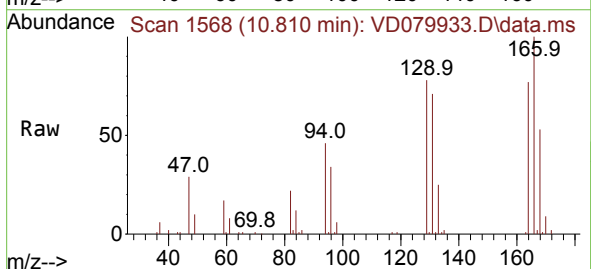
Ion Ratio Lower Upper

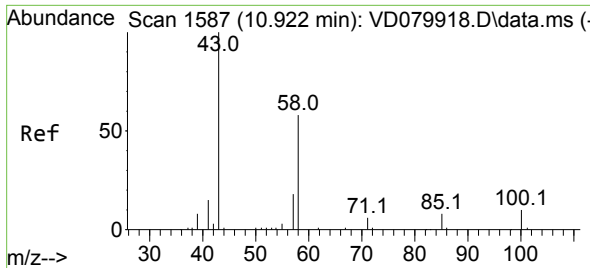
164 100

129 100.7 68.7 127.5

131 91.9 62.5 116.1

166 129.8 85.0 157.8

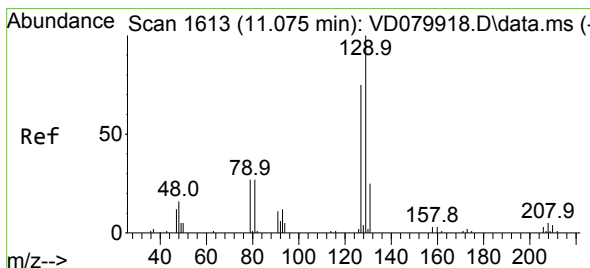
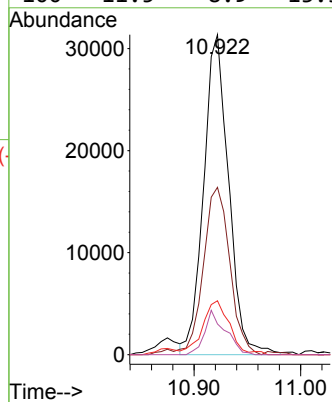
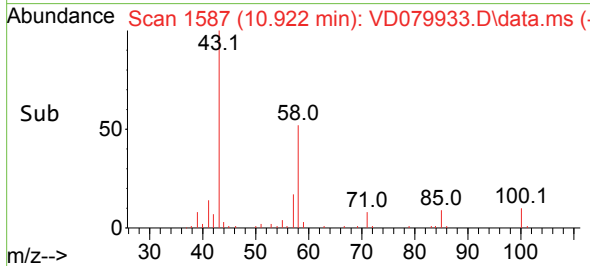
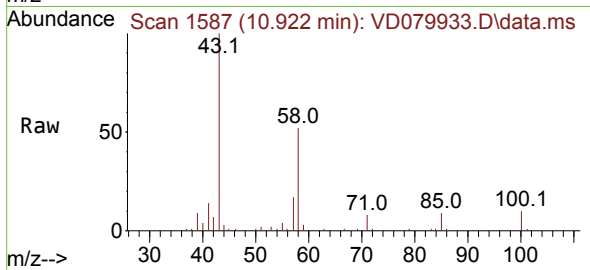




#48
2-Hexanone
Concen: 41.113 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

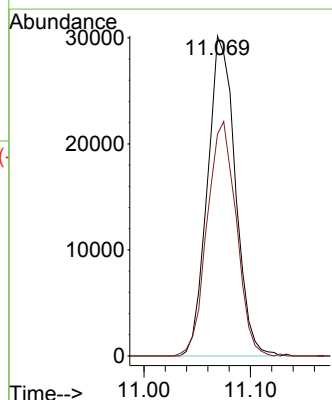
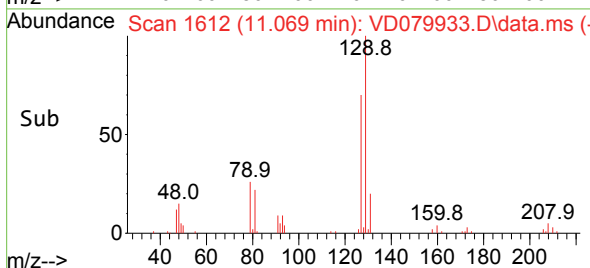
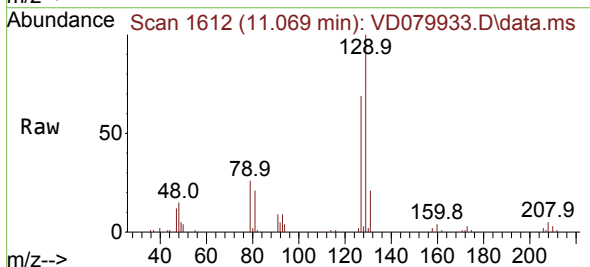
Instrument :
MSVOA_D
ClientSampleId :

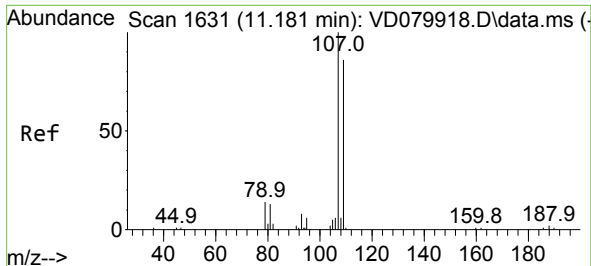
Tgt Ion: 43	Resp: 51143
Ion Ratio	Lower Upper
43	100
58	55.3 44.7 67.1
57	17.8 13.6 20.4
100	11.5 8.9 13.3



#49
Dibromochloromethane
Concen: 25.142 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion: 129	Resp: 54777
Ion Ratio	Lower Upper
129	100
127	69.3 55.2 102.6

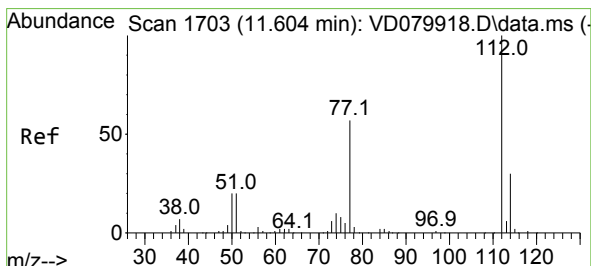
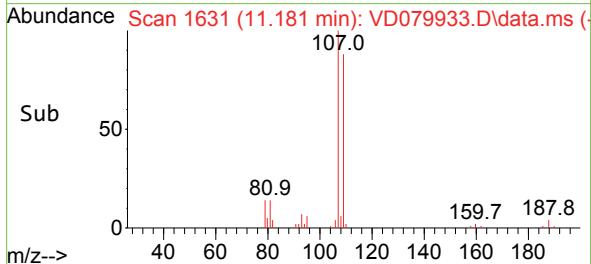
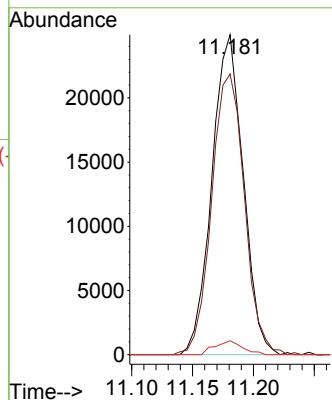
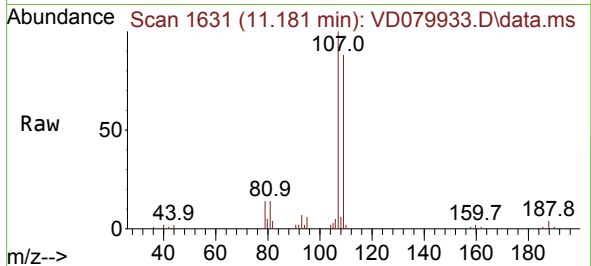




#50
1,2-Dibromoethane
Concen: 25.895 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

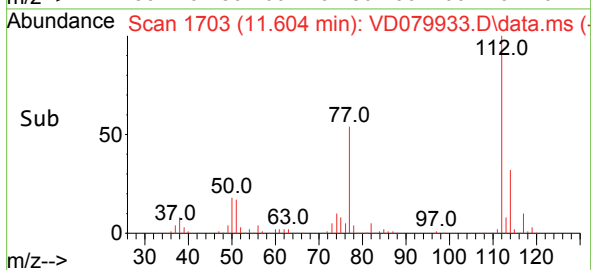
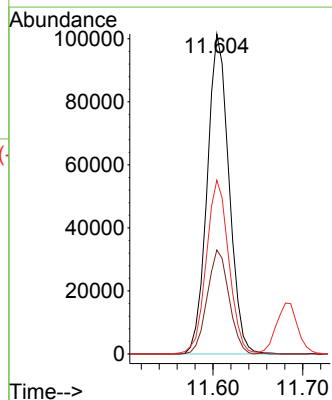
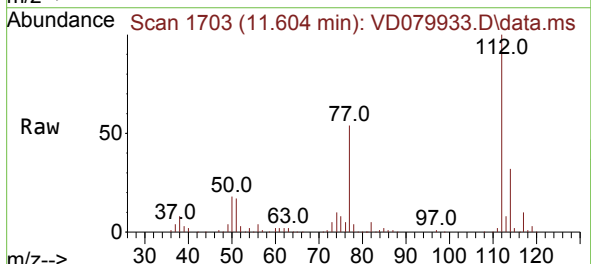
Instrument :
MSVOA_D
ClientSampleId :

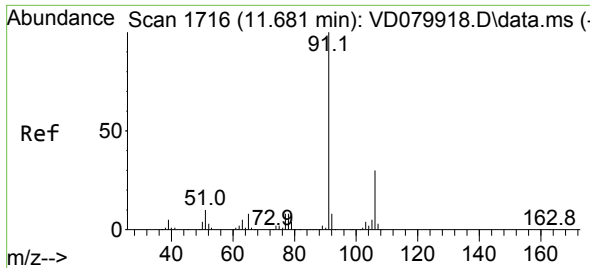
Tgt Ion:107 Resp: 44642
Ion Ratio Lower Upper
107 100
109 87.7 61.5 114.1
188 4.3 2.3 3.5#



#51
Chlorobenzene
Concen: 25.275 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:112 Resp: 171165
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 54.3 46.7 70.1

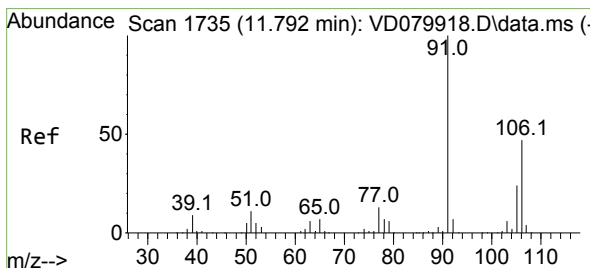
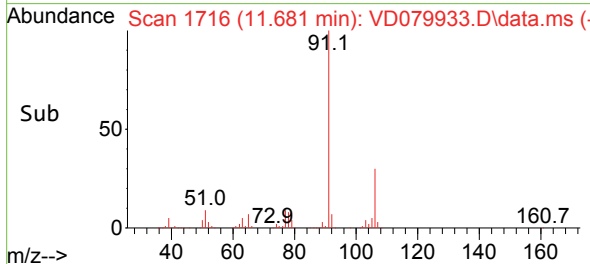
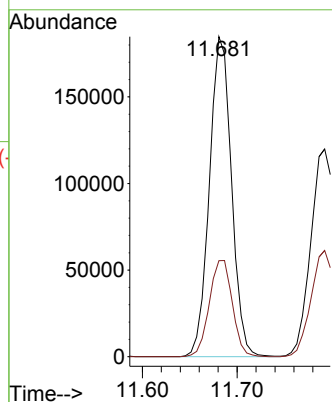
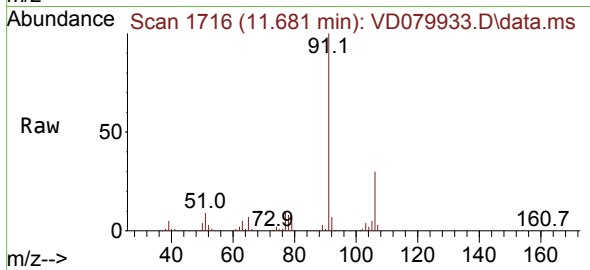




#52
Ethylbenzene
Concen: 25.194 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

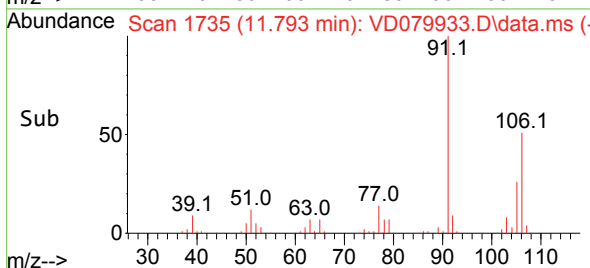
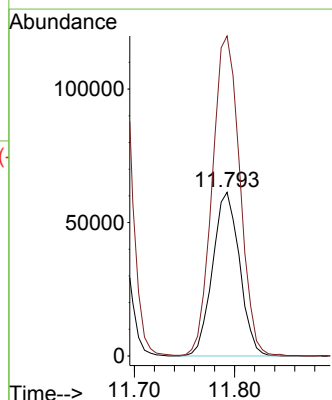
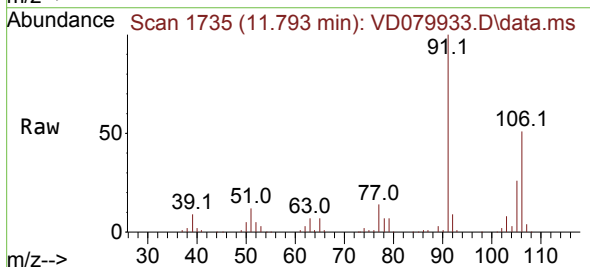
Instrument :
MSVOA_D
ClientSampleId :

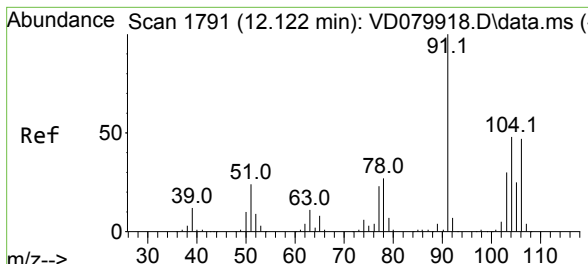
Tgt Ion: 91 Resp: 298650
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 25.529 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:106 Resp: 114624
Ion Ratio Lower Upper
106 100
91 195.6 138.3 256.9

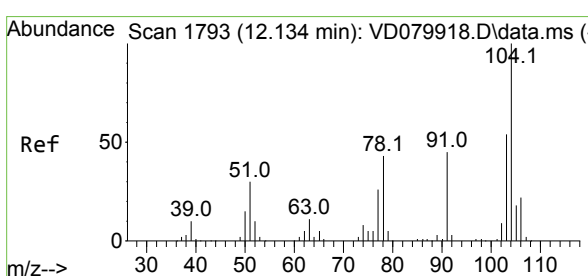
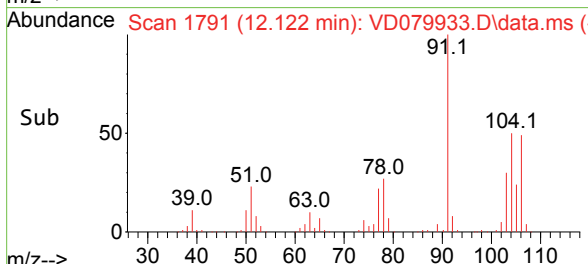
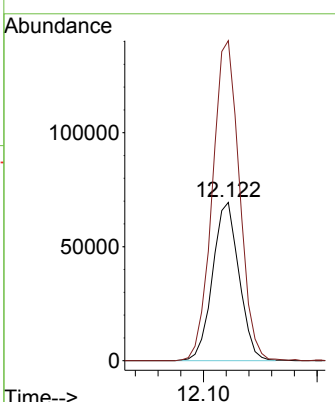
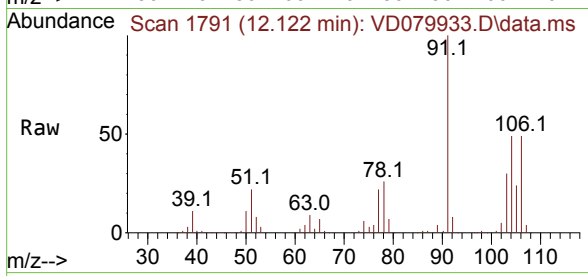




#54
o-Xylene
Concen: 25.502 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

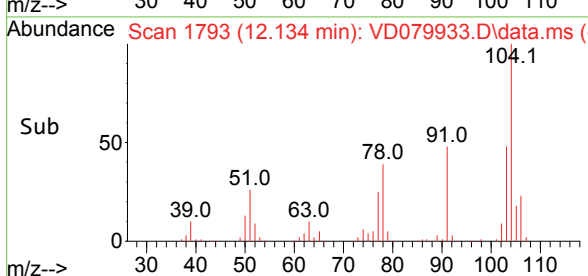
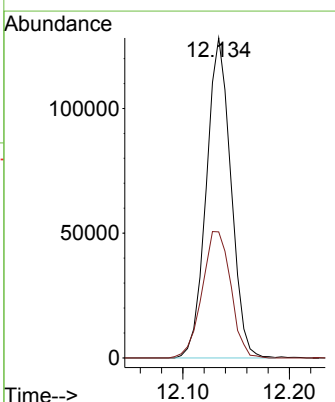
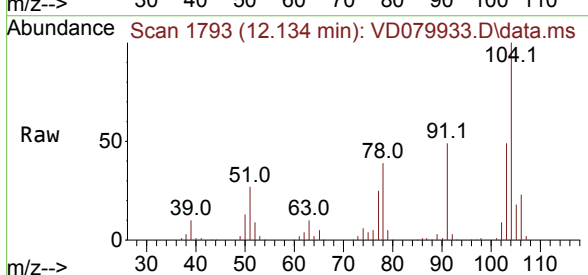
Instrument :
MSVOA_D
ClientSampleId :

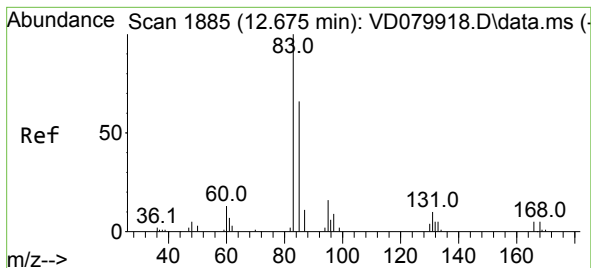
Tgt Ion:	106	Resp:	112267
Ion Ratio	Lower	Upper	
106	100		
91	202.1	152.6	283.4



#55
Styrene
Concen: 26.610 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:	104	Resp:	205883
Ion Ratio	Lower	Upper	
104	100		
78	39.4	30.7	57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.211 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD079933.D

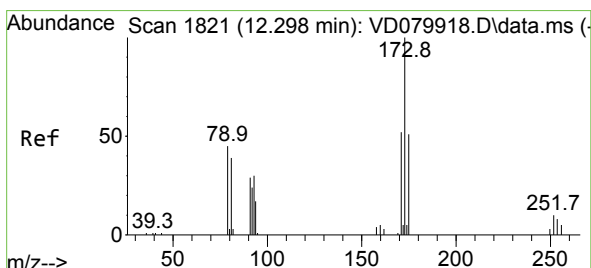
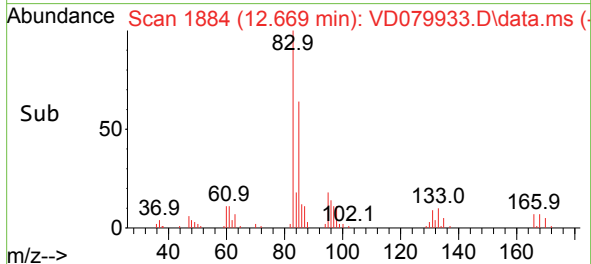
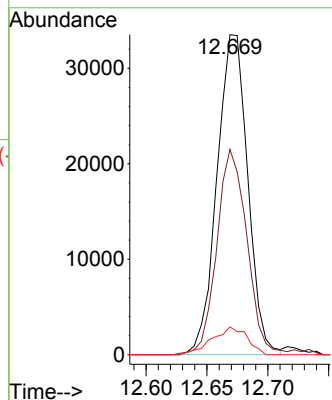
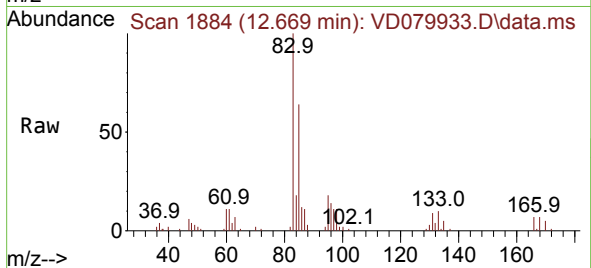
Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 58986
Ion Ratio	Lower Upper
83	100
85	64.2 46.8 87.0
131	8.7 6.5 9.7



#59

Bromoform

Concen: 24.284 ug/L

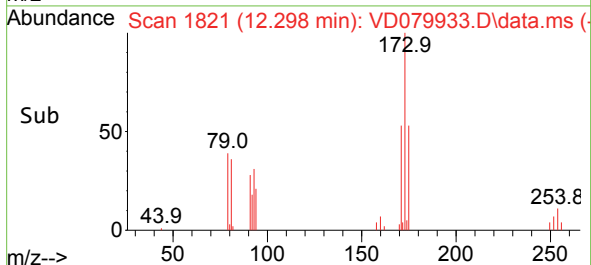
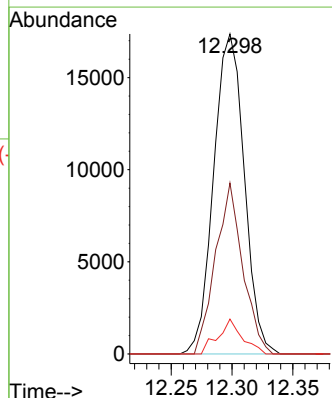
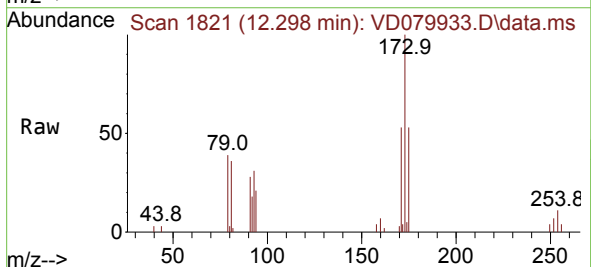
RT: 12.298 min Scan# 1821

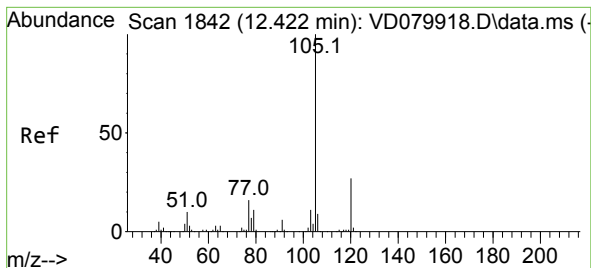
Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Tgt Ion: 173	Resp: 30362
Ion Ratio	Lower Upper
173	100
175	47.6 39.2 58.8
254	8.6 5.5 8.3





#60

Isopropylbenzene

Concen: 22.821 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

Instrument :

MSVOA_D

ClientSampleId :

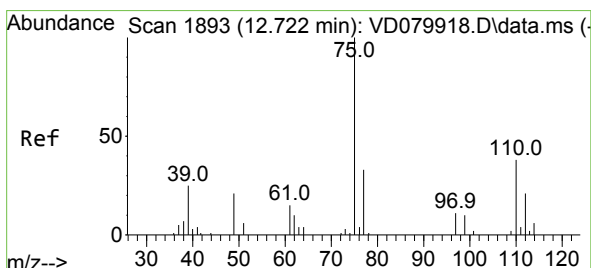
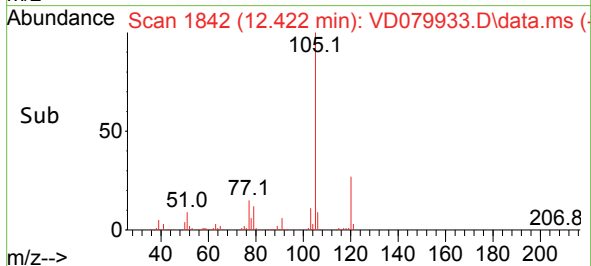
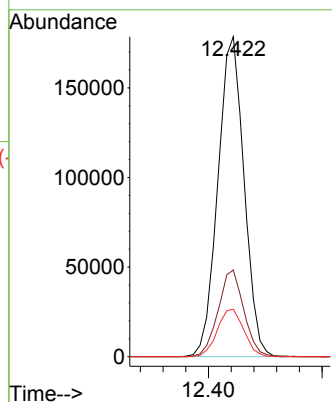
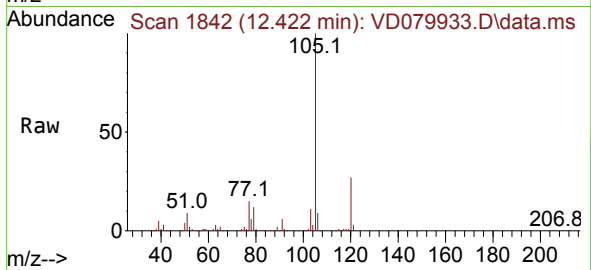
Tgt Ion:105 Resp: 285361

Ion Ratio Lower Upper

105 100

120 26.6 20.9 31.3

77 15.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 21.724 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079933.D

Acq: 27 Sep 2024 20:07

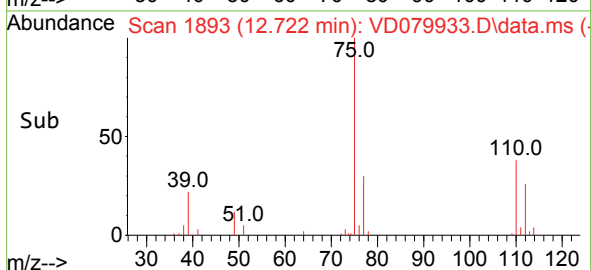
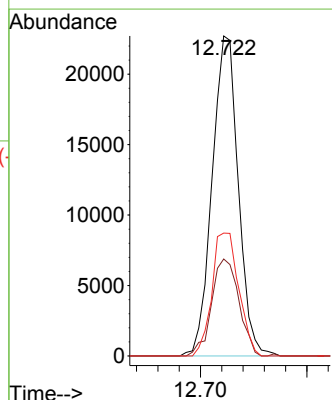
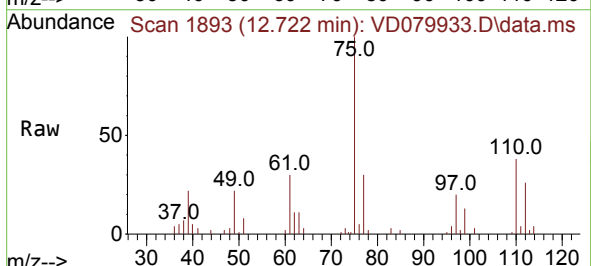
Tgt Ion: 75 Resp: 38674

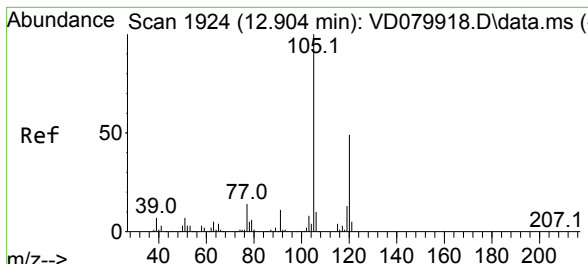
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

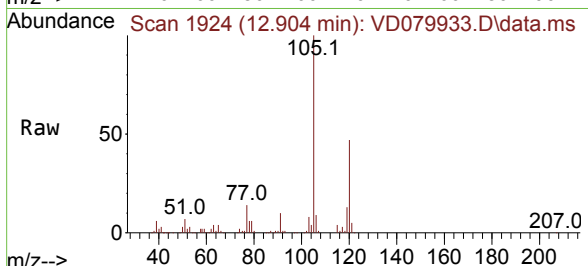
110 39.4 30.1 45.1



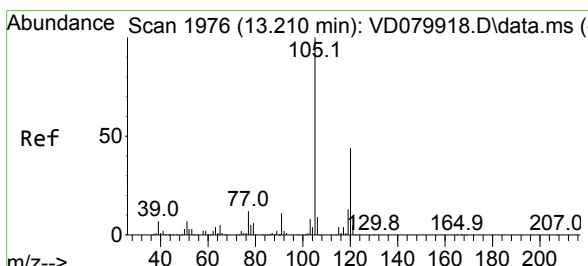
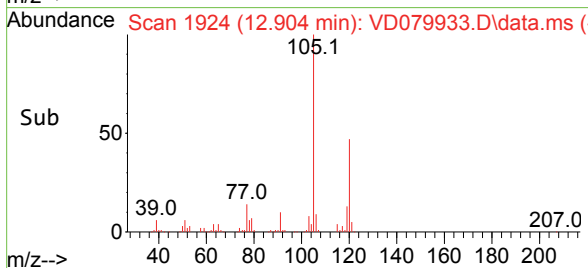
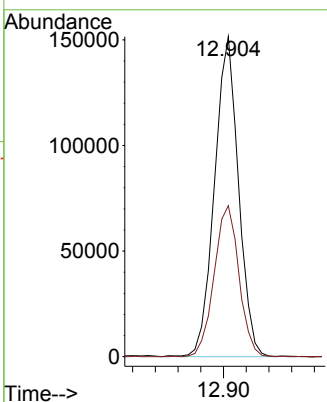


#62
 1,3,5-Trimethylbenzene
 Concen: 24.257 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Instrument :
 MSVOA_D
 ClientSampleId :

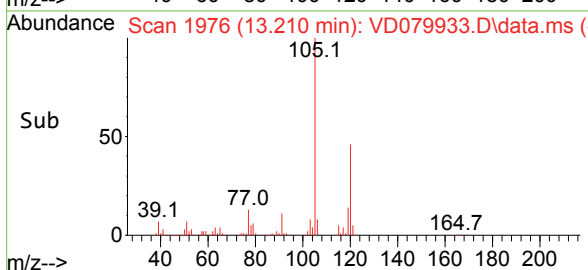
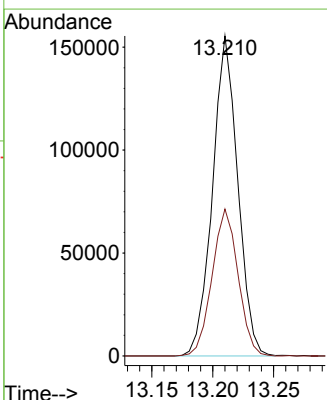
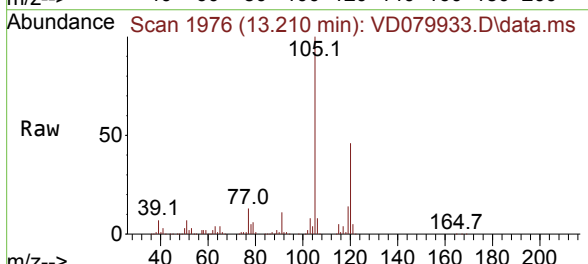


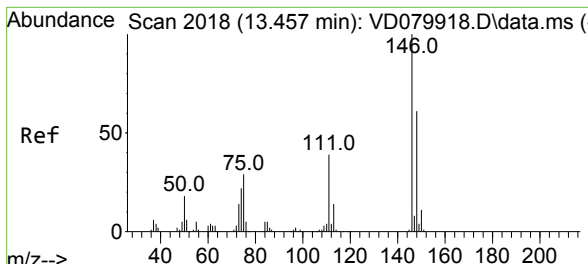
Tgt Ion:105 Resp: 221835
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 23.412 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Tgt Ion:105 Resp: 224531
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.3 54.5

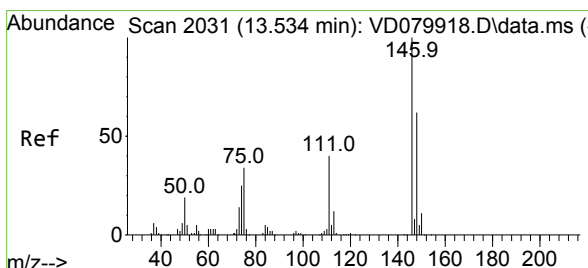
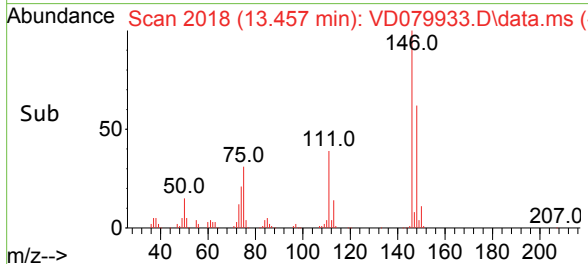
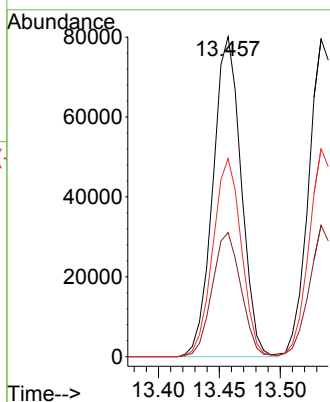
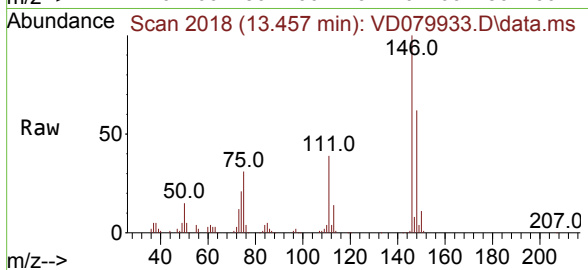




#64
1,3-Dichlorobenzene
Concen: 25.018 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

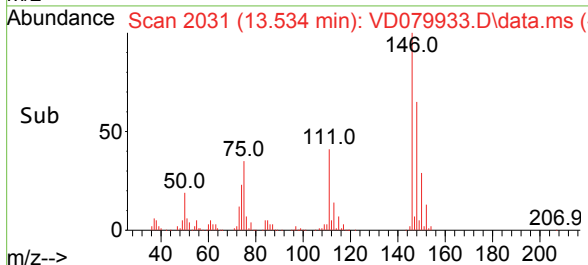
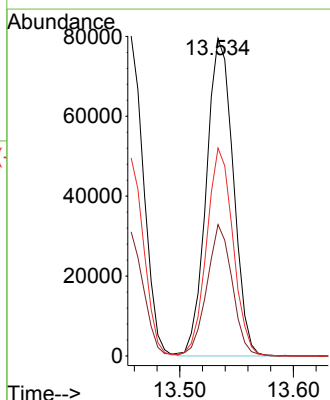
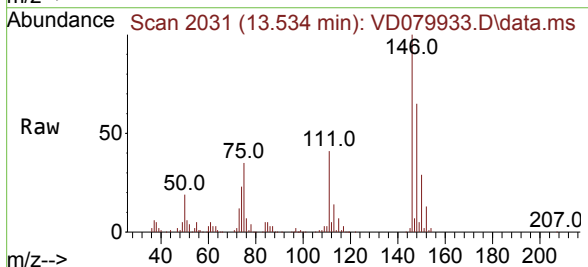
Instrument :
MSVOA_D
ClientSampleId :

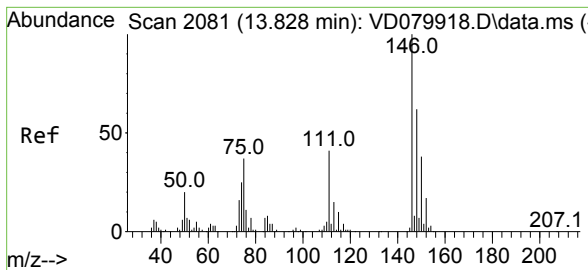
Tgt Ion:146 Resp: 129280
Ion Ratio Lower Upper
146 100
111 38.8 27.4 50.8
148 61.9 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 24.191 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

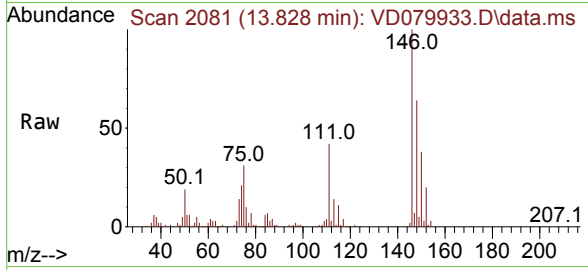
Tgt Ion:146 Resp: 131122
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.4
148 65.4 46.1 85.7



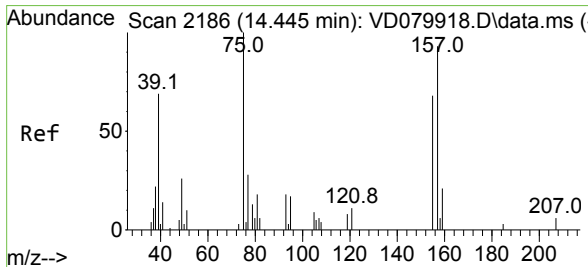
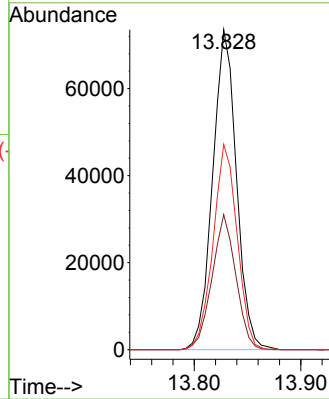
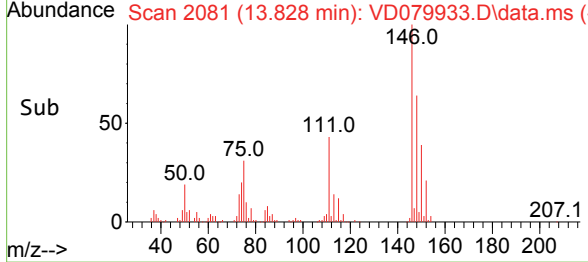


#67
1,2-Dichlorobenzene
Concen: 24.411 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

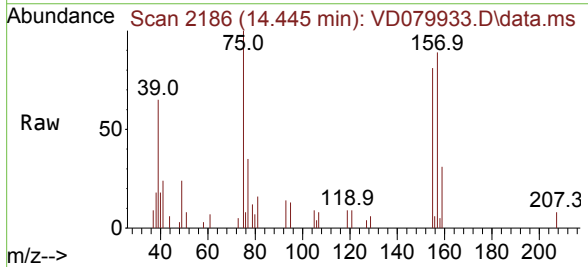
Instrument :
MSVOA_D
ClientSampleId :



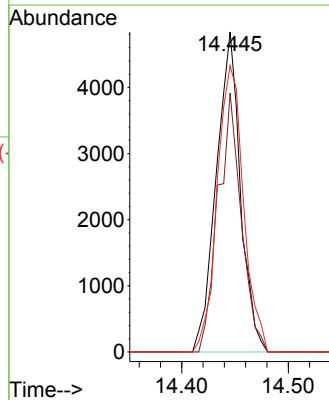
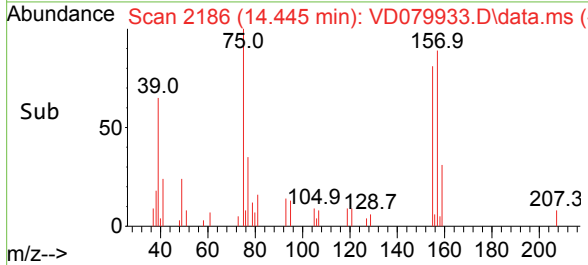
Tgt Ion:146 Resp: 114016
Ion Ratio Lower Upper
146 100
111 42.2 36.9 55.3
148 64.1 51.8 77.8

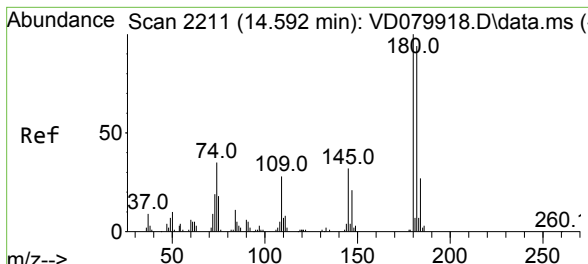


#68
1,2-Dibromo-3-chloropropane
Concen: 20.861 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07



Tgt Ion: 75 Resp: 7599
Ion Ratio Lower Upper
75 100
155 80.9 57.2 85.8
157 89.5 59.7 89.5

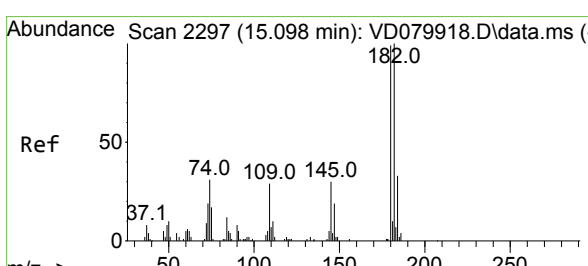
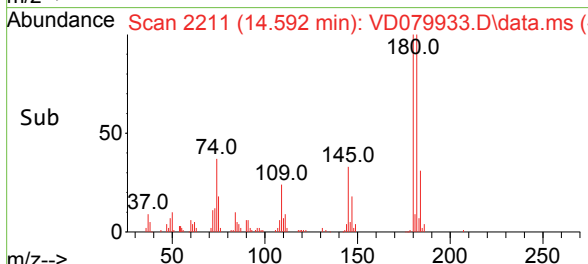
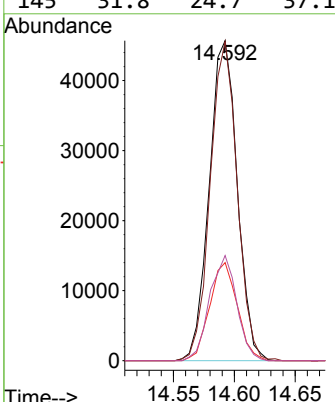
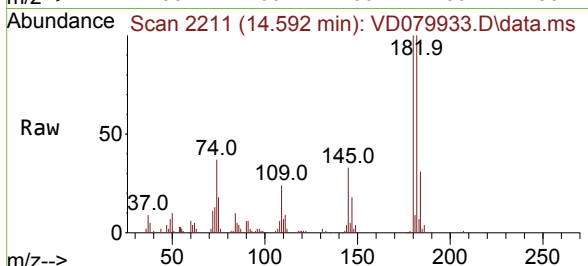




#69
 1,3,5-Trichlorobenzene
 Concen: 23.347 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

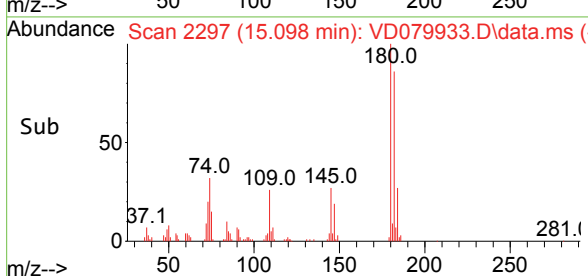
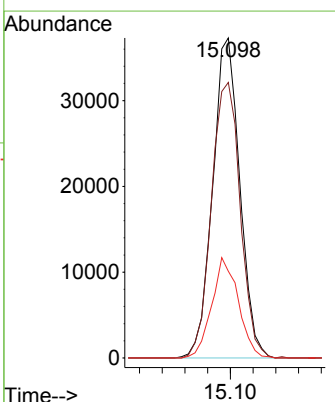
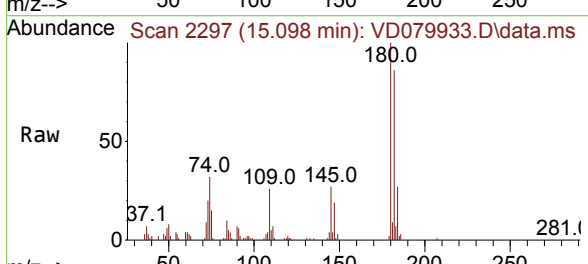
Instrument :
 MSVOA_D
 ClientSampleId :

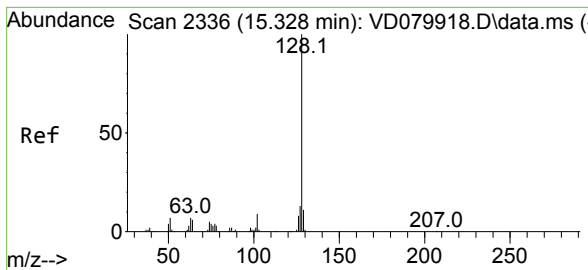
Tgt Ion:180	Resp:	73154
Ion Ratio	Lower	Upper
180	100	
182	95.6	72.6 109.0
184	30.4	24.2 36.2
145	31.8	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 23.472 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079933.D
 Acq: 27 Sep 2024 20:07

Tgt Ion:180	Resp:	61923
Ion Ratio	Lower	Upper
180	100	
182	91.2	75.9 113.9
145	30.7	26.6 40.0

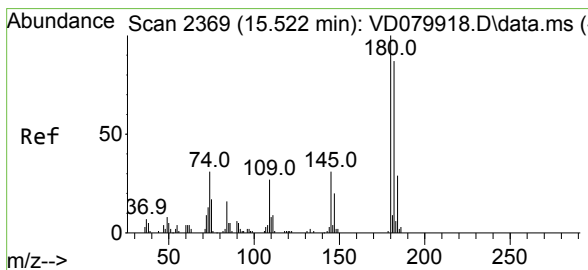
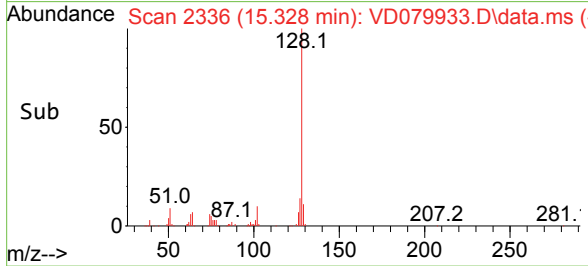
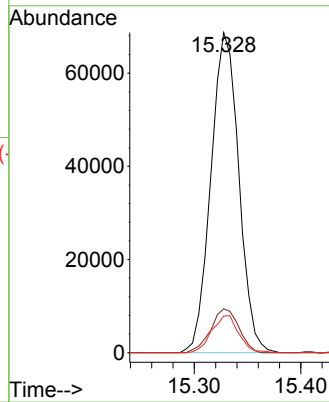
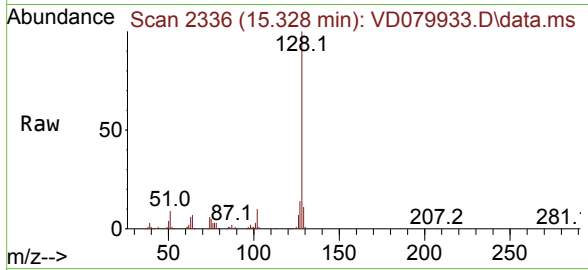




#71
Naphthalene
Concen: 21.254 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	125232
Ion Ratio	Lower	Upper	
128	100		
127	13.8	11.2	16.8
129	11.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.937 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079933.D
Acq: 27 Sep 2024 20:07

Tgt Ion:	180	Resp:	56487
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.1	111.1
145	33.9	26.4	39.6

