

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091124\
 Data File : VD079821.D
 Acq On : 11 Sep 2024 16:00
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 12 01:26:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 12 01:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	173973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84612	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	160197	21.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.799	69	131646	22.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	3.911	65	29474	21.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.440%
21) 2-Butanone-d5	6.981	46	34210	49.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.563	84	132989	23.693	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.228	65	75579	25.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	8.199	84	288378	23.479	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.205	67	86236	22.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	10.263	98	264213	24.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.522	79	39477	24.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.640%
47) 2-Hexanone-d5	10.875	63	32480	52.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.940%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	70112	25.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	75844	23.769	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	72830	22.368	ug/L	98
3) Chloromethane	2.146	50	137736	24.132	ug/L	100
5) Vinyl chloride	2.281	62	161810	23.135	ug/L	98
6) Bromomethane	2.693	94	83769	23.786	ug/L	98
8) Chloroethane	2.834	64	111222	24.069	ug/L	91
9) Trichlorofluoromethane	3.170	101	116110	23.088	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	66267	23.806	ug/L	99
12) 1,1-Dichloroethene	3.940	96	62748	24.202	ug/L	74
13) Acetone	4.022	43	52593	62.530	ug/L	72
14) Carbon disulfide	4.269	76	194835	23.102	ug/L	99
15) Methyl Acetate	4.564	43	35364	26.396	ug/L #	76
16) Methylene chloride	4.799	84	87839	26.033	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	70591	25.535	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	171070	27.508	ug/L	99
19) 1,1-Dichloroethane	6.111	63	139725	25.446	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	79415	26.091	ug/L	98
22) 2-Butanone	7.081	43	56307	57.070	ug/L	94
23) Bromochloromethane	7.422	128	35756	27.678	ug/L	89
25) Chloroform	7.593	83	153283	26.817	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Thu Sep 12 01:25:24 2024
 Response via : Initial Calibration

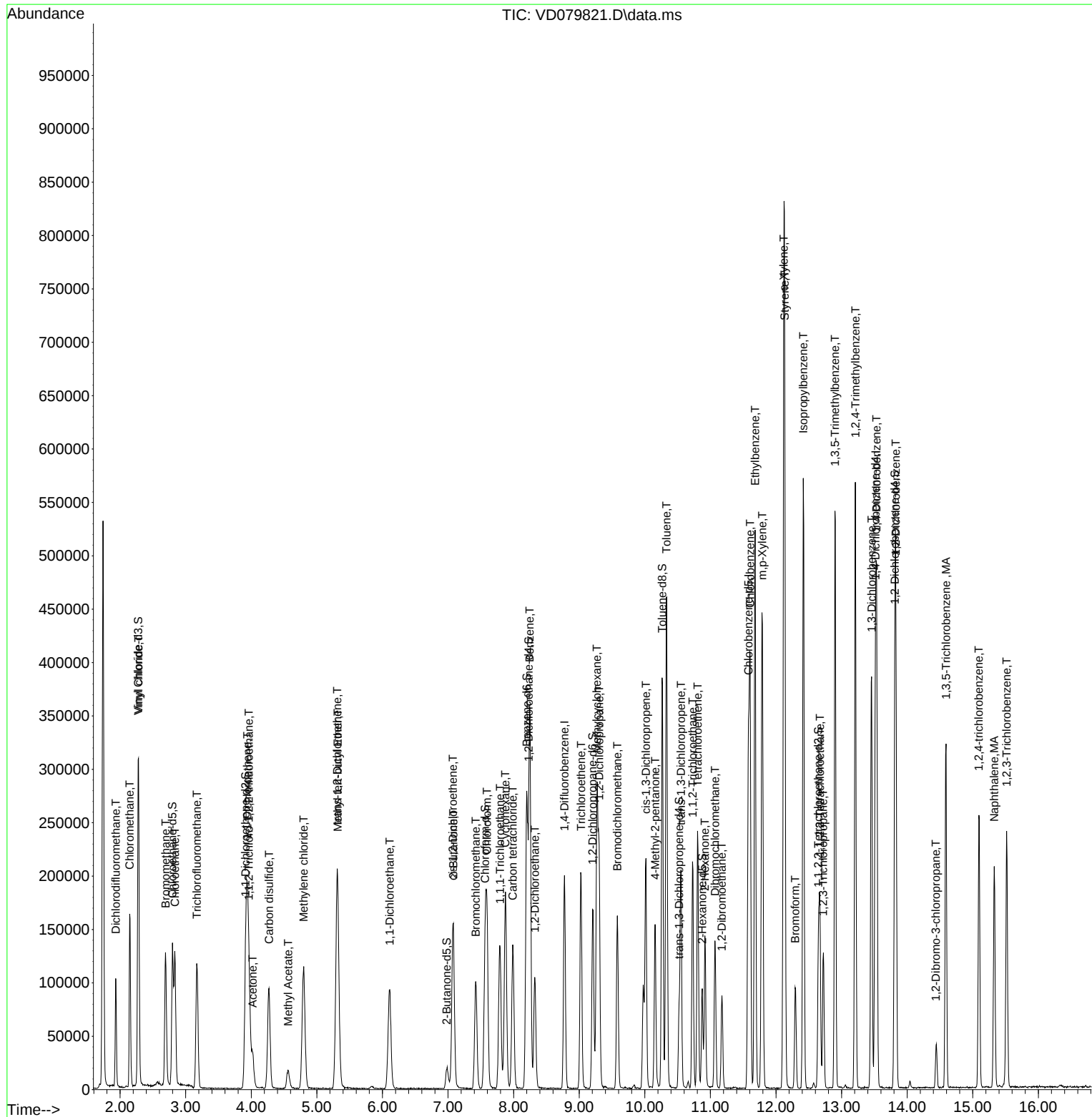
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	90472	25.897	ug/L	96
29) Cyclohexane	7.875	56	96523	22.430	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	113071	23.844	ug/L	99
31) Carbon tetrachloride	7.987	117	102119	24.305	ug/L	99
33) Benzene	8.246	78	329052	25.401	ug/L	100
34) Trichloroethene	9.028	95	72362	24.174	ug/L	97
35) Methylcyclohexane	9.269	83	109510	22.671	ug/L	98
37) 1,2-Dichloropropane	9.305	63	91631	25.937	ug/L #	100
38) Bromodichloromethane	9.581	83	107016	25.997	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	132282	26.664	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	104866	56.705	ug/L	98
42) Toluene	10.328	91	357381	26.190	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	117430	26.859	ug/L	99
45) 1,1,2-Trichloroethane	10.728	97	67796	28.088	ug/L	95
46) Tetrachloroethene	10.804	164	50814	25.005	ug/L	96
48) 2-Hexanone	10.916	43	88694	58.961	ug/L	97
49) Dibromochloromethane	11.069	129	70090	26.604	ug/L	96
50) 1,2-Dibromoethane	11.175	107	55199	26.478	ug/L	93
51) Chlorobenzene	11.604	112	210572	25.714	ug/L	97
52) Ethylbenzene	11.681	91	373592	26.062	ug/L	98
53) m,p-Xylene	11.793	106	144142	26.548	ug/L	97
54) o-Xylene	12.116	106	140413	26.376	ug/L	98
55) Styrene	12.134	104	258924	27.674	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	80454	28.437	ug/L	97
59) Bromoform	12.293	173	39499	27.043	ug/L	99
60) Isopropylbenzene	12.416	105	364523	24.953	ug/L	99
61) 1,2,3-Trichloropropane	12.716	75	54949	26.420	ug/L	99
62) 1,3,5-Trimethylbenzene	12.898	105	286399	26.807	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	290057	25.889	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	155380	25.738	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	163725	25.856	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	143229	26.250	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.440	75	11421	26.839	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	92820	25.357	ug/L	98
70) 1,2,4-trichlorobenzene	15.092	180	73807	23.948	ug/L	96
71) Naphthalene	15.328	128	175890	25.552	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	71446	25.916	ug/L	96

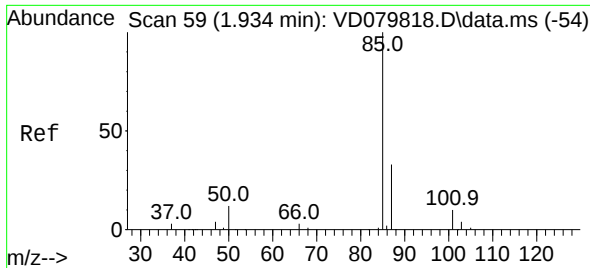
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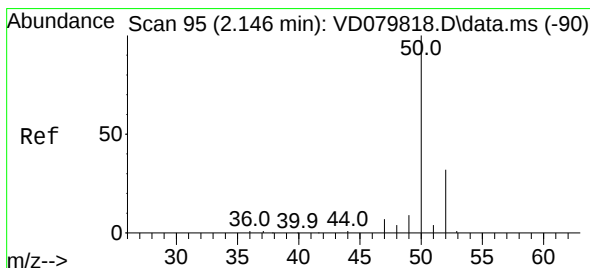
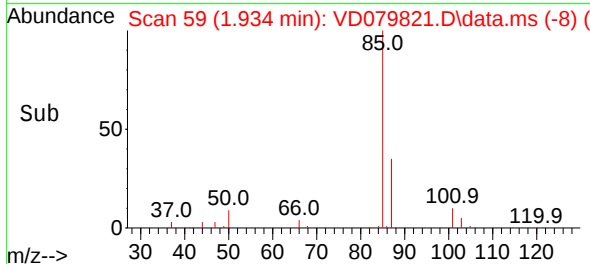
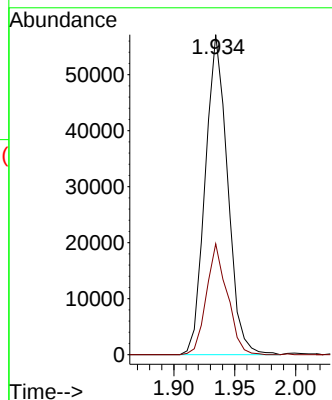
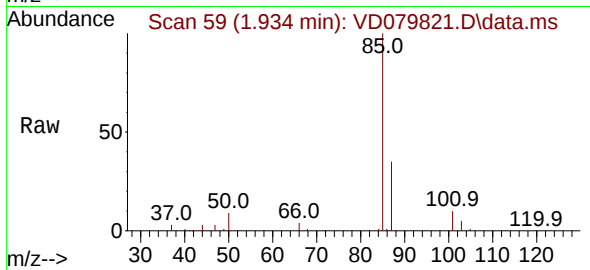




#2
 Dichlorodifluoromethane
 Concen: 22.368 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

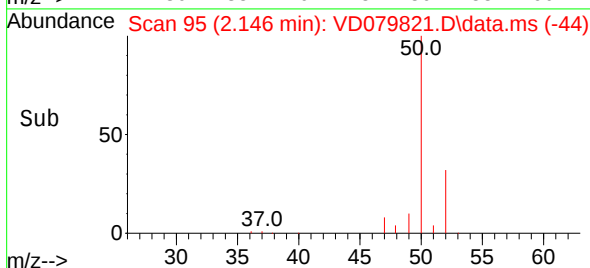
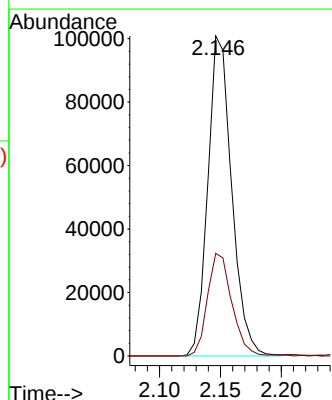
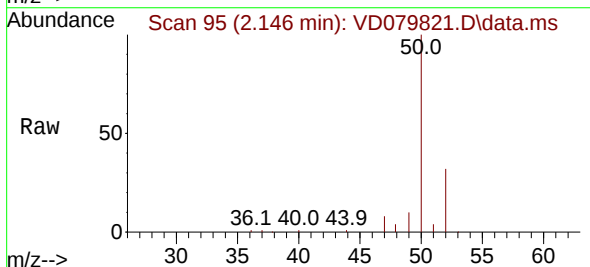
Instrument :
 MSVOA_D
 ClientSampleId :

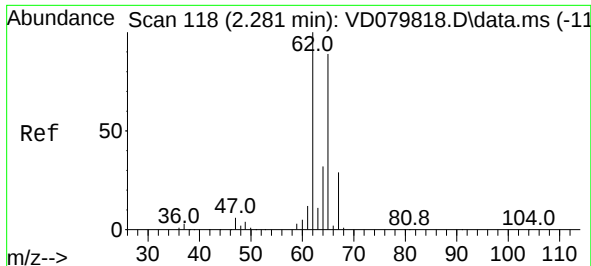
Tgt Ion: 85 Resp: 72830
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.6



#3
 Chloromethane
 Concen: 24.132 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

Tgt Ion: 50 Resp: 137736
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.4 41.6

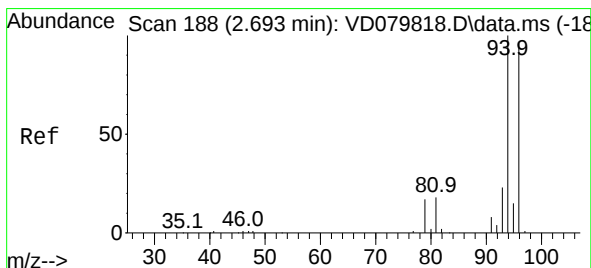
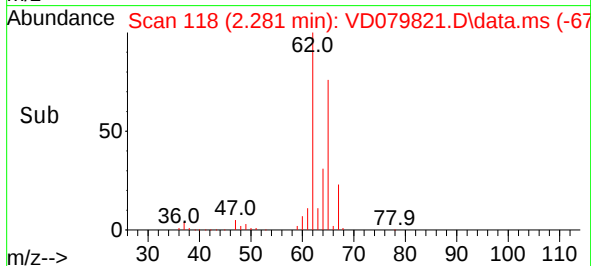
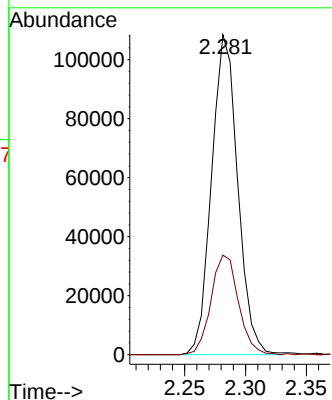
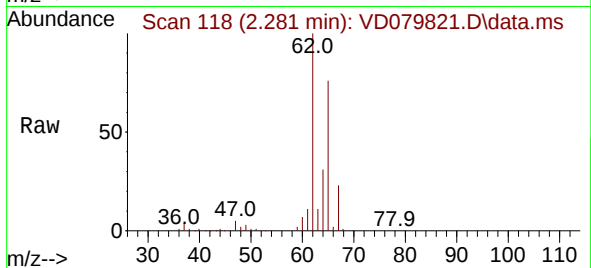




#5
 Vinyl chloride
 Concen: 23.135 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

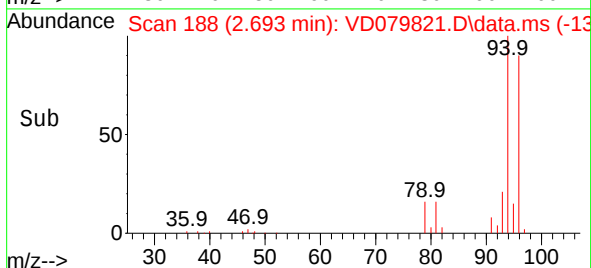
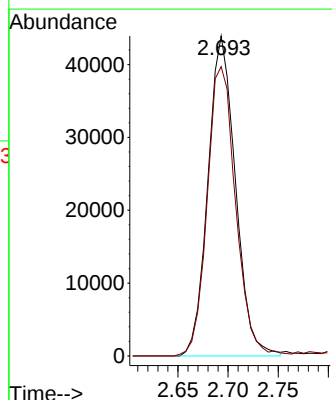
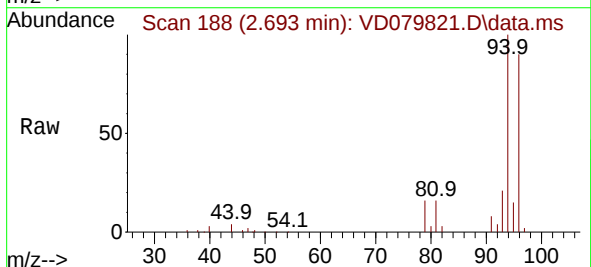
Instrument :
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 ClientSampleId :

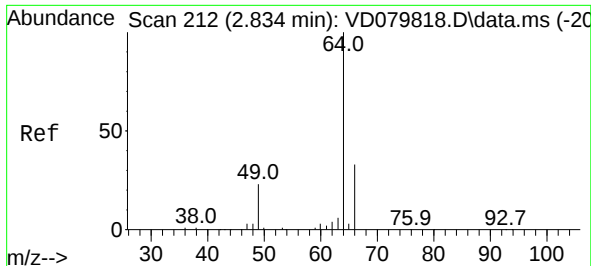
Tgt Ion: 62 Resp: 161810
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.6 42.0



#6
 Bromomethane
 Concen: 23.786 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

Tgt Ion: 94 Resp: 83769
 Ion Ratio Lower Upper
 94 100
 96 90.4 64.3 119.5

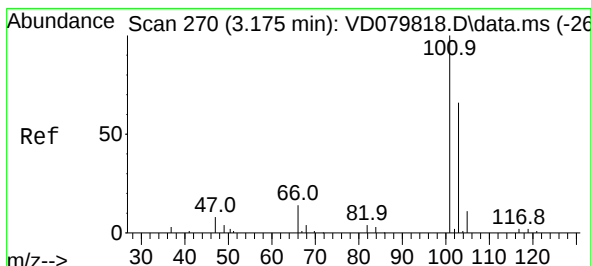
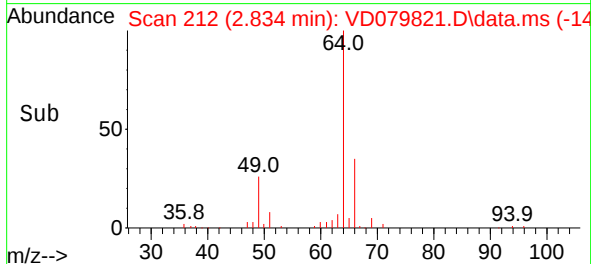
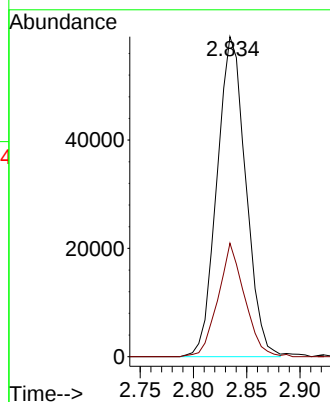
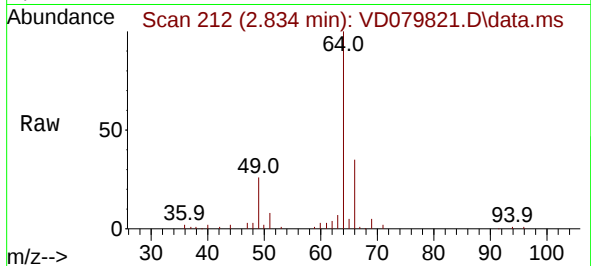




#8
Chloroethane
Concen: 24.069 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

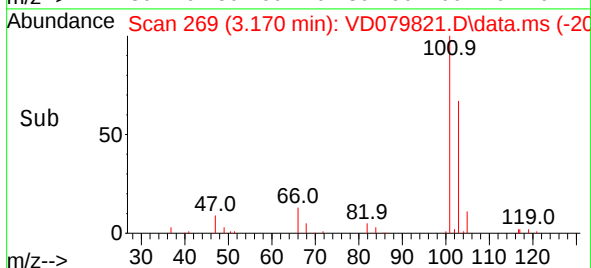
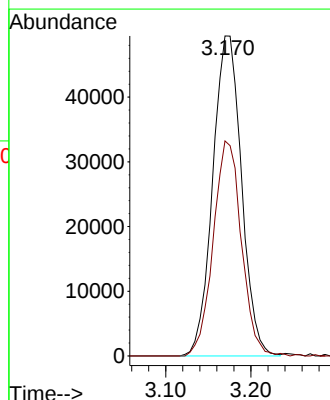
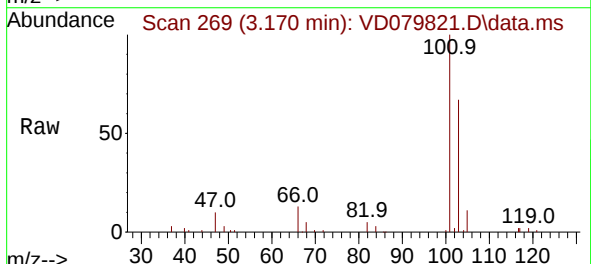
Instrument :
MSVOA_D
ClientSampleId :

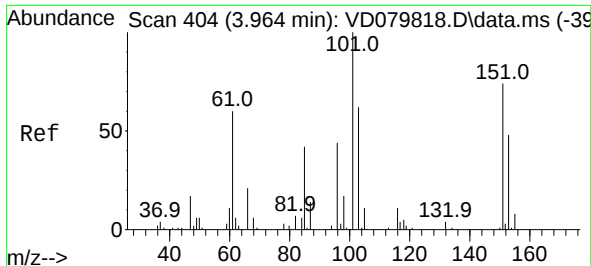
Tgt Ion: 64 Resp: 111222
Ion Ratio Lower Upper
64 100
66 35.5 21.3 39.6



#9
Trichlorofluoromethane
Concen: 23.088 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:101 Resp: 116110
Ion Ratio Lower Upper
101 100
103 65.5 50.5 75.7

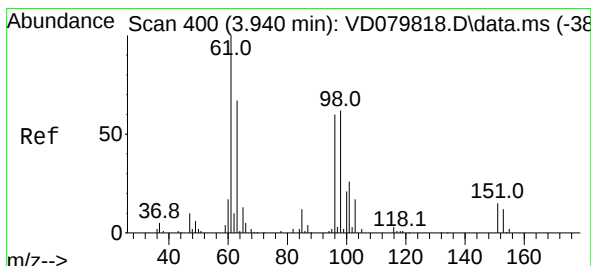
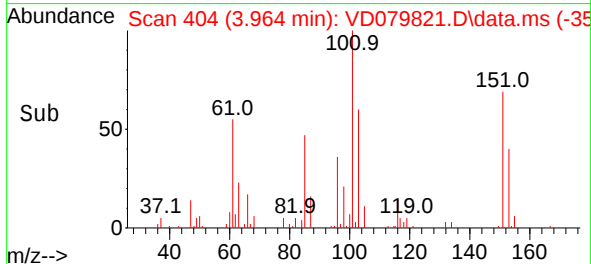
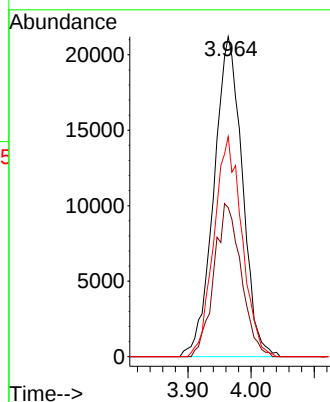
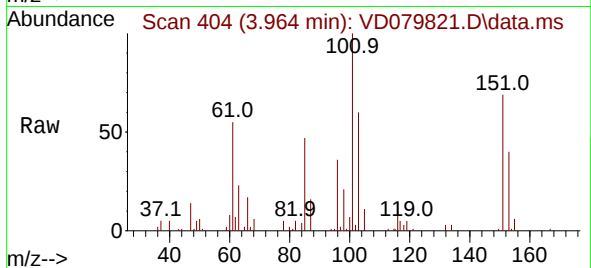




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.806 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

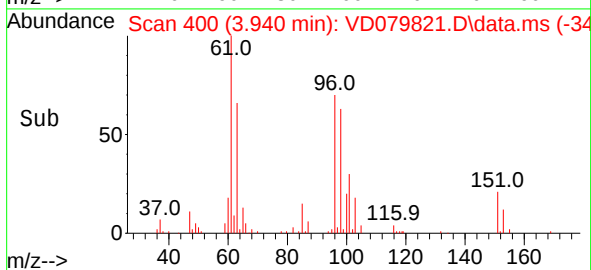
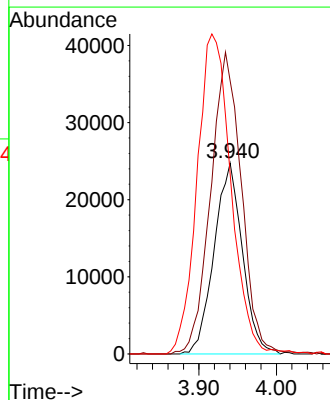
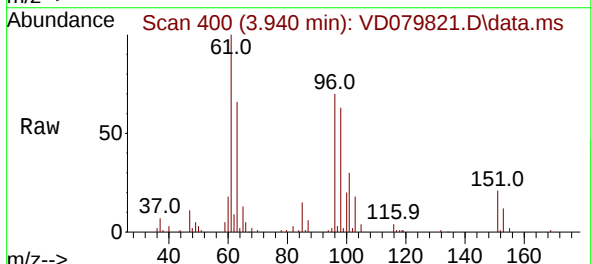
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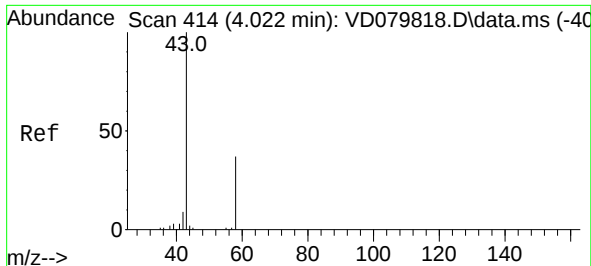
Tgt Ion:	101	Resp:	66267
Ion	Ratio	Lower	Upper
101	100		
85	45.7	37.8	56.8
151	67.5	54.2	81.4



#12
 1,1-Dichloroethene
 Concen: 24.202 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD079821.D
 Acq: 11 Sep 2024 16:00

Tgt Ion:	96	Resp:	62748
Ion	Ratio	Lower	Upper
96	100		
61	143.2	119.8	222.4
63	94.5	93.9	174.3





#13

Acetone

Concen: 62.530 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

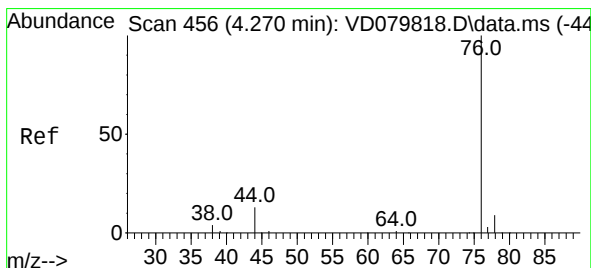
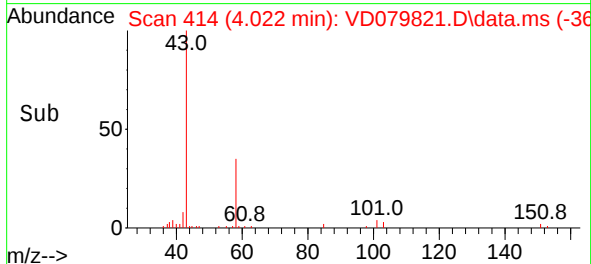
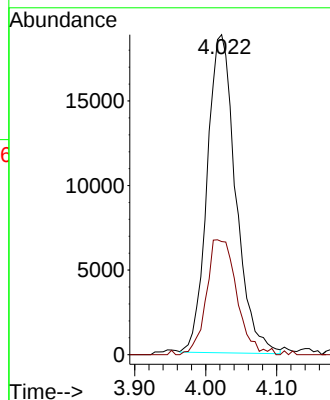
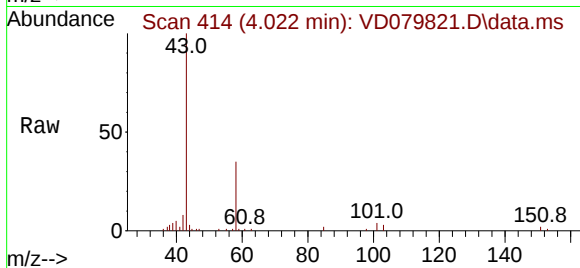
ClientSampleId :

Tgt Ion: 43 Resp: 52593

Ion Ratio Lower Upper

43 100

58 21.0 0.0 75.8



#14

Carbon disulfide

Concen: 23.102 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

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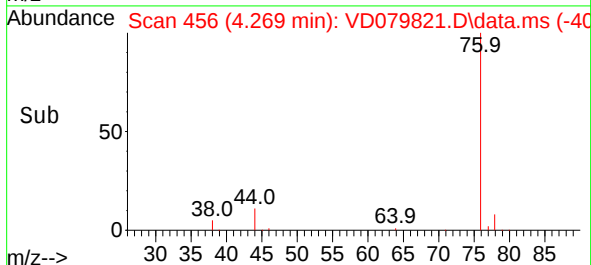
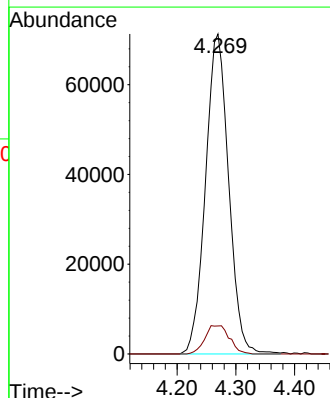
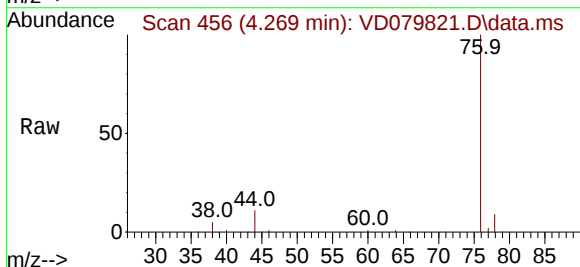
Acq: 11 Sep 2024 16:00

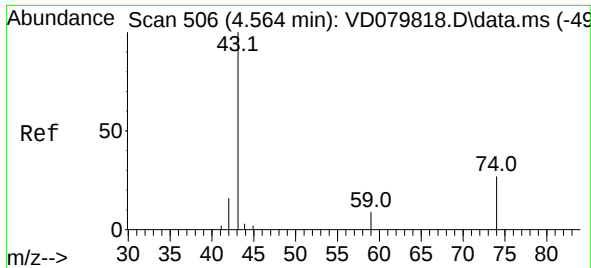
Tgt Ion: 76 Resp: 194835

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

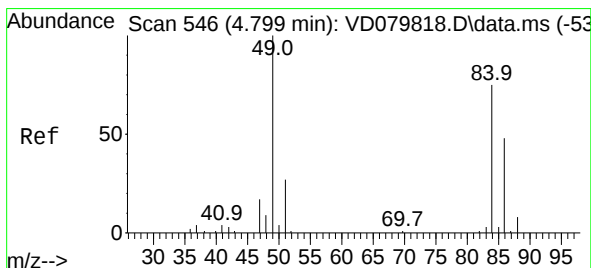
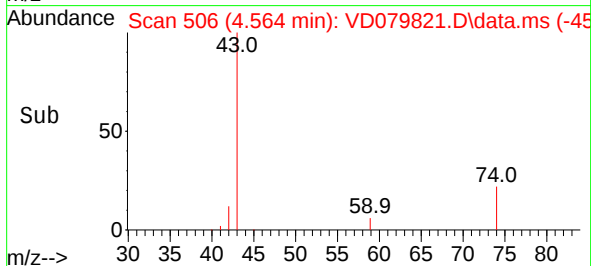
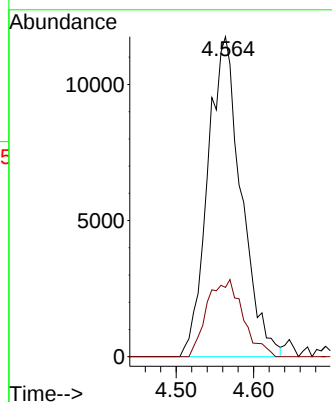
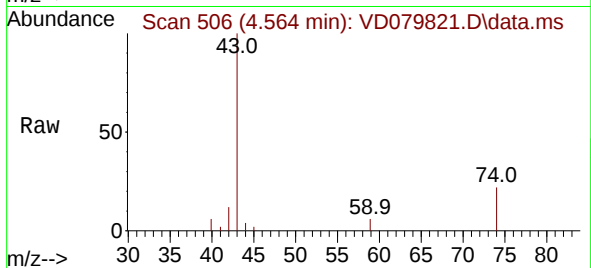




#15
Methyl Acetate
Concen: 26.396 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

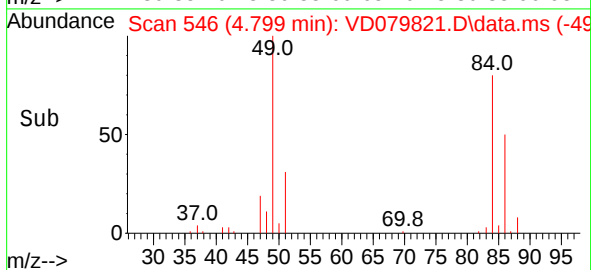
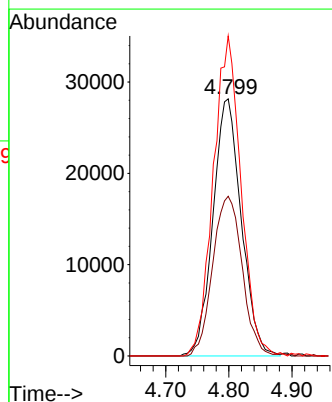
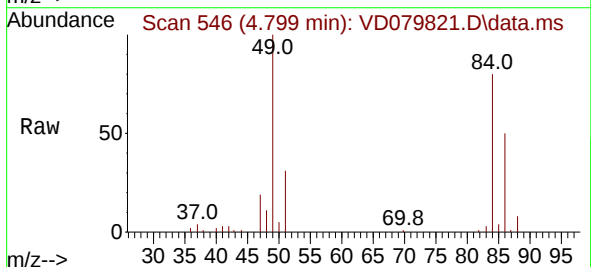
Instrument :
MSVOA_D
ClientSampleId :

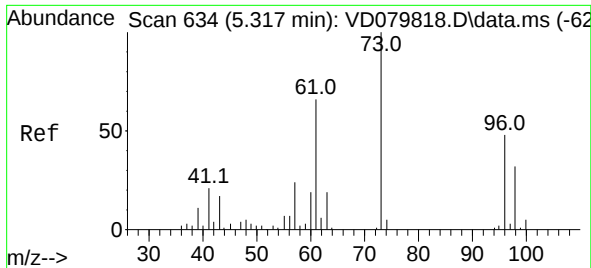
Tgt Ion: 43 Resp: 35364
Ion Ratio Lower Upper
43 100
74 24.8 11.9 17.9#



#16
Methylene chloride
Concen: 26.033 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 84 Resp: 87839
Ion Ratio Lower Upper
84 100
86 62.1 41.0 76.2
49 124.4 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 25.535 ug/L

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :

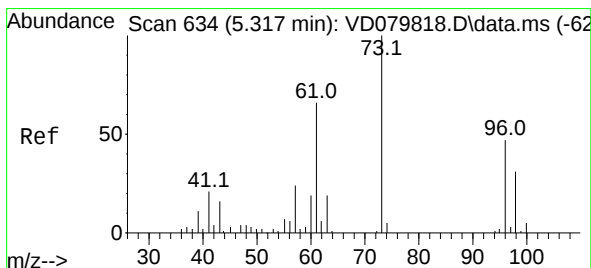
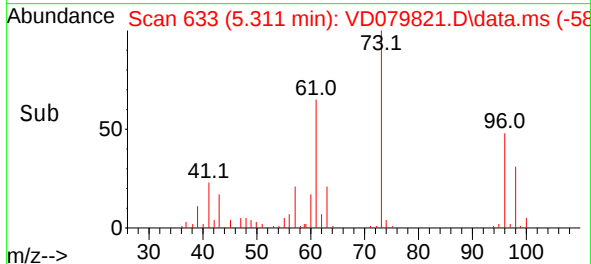
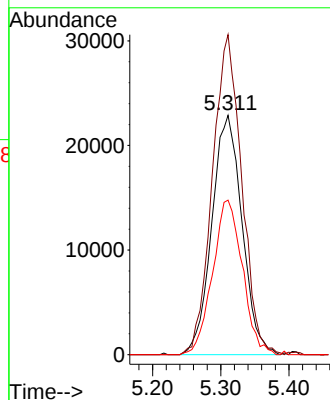
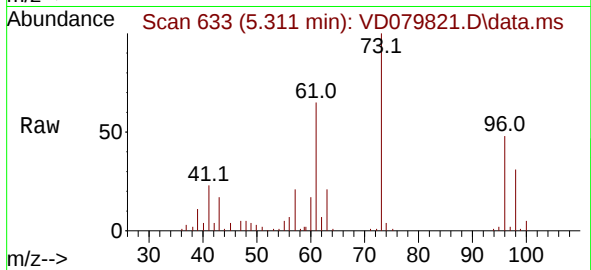
Tgt Ion: 96 Resp: 70591

Ion Ratio Lower Upper

96 100

61 133.7 88.7 164.7

98 64.5 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 27.508 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

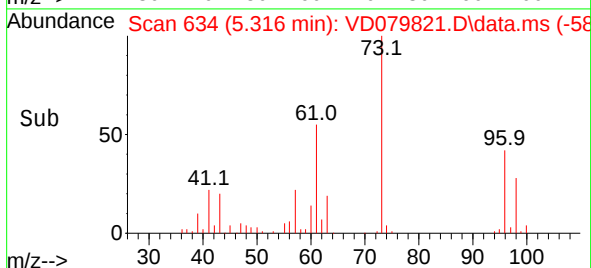
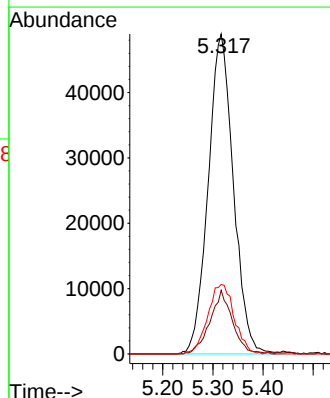
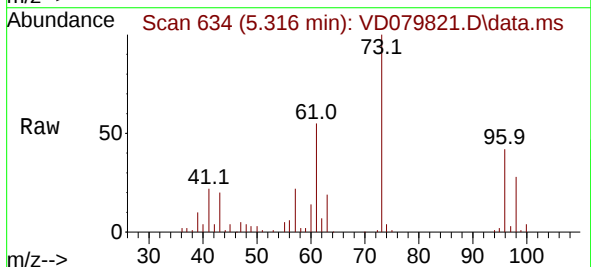
Tgt Ion: 73 Resp: 171070

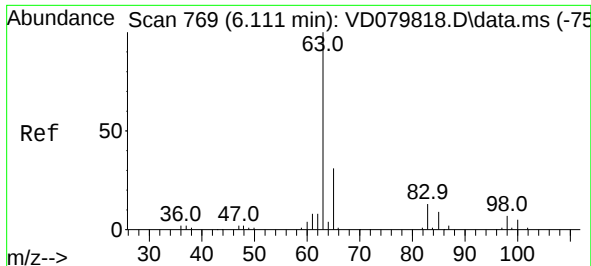
Ion Ratio Lower Upper

73 100

43 17.6 14.5 21.7

57 22.7 18.8 28.2





#19

1,1-Dichloroethane

Concen: 25.446 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :

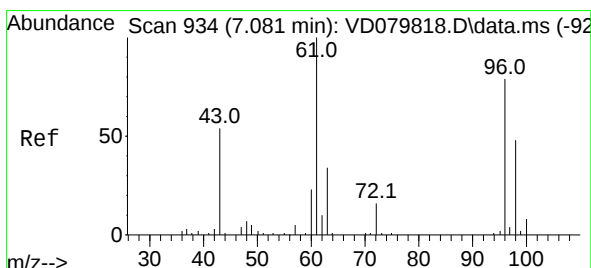
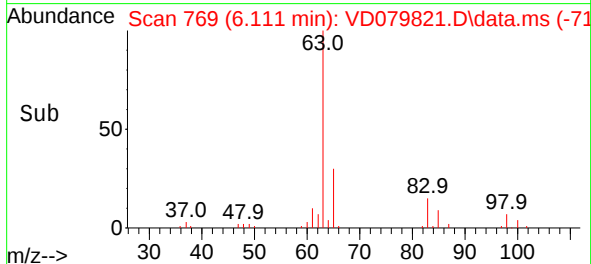
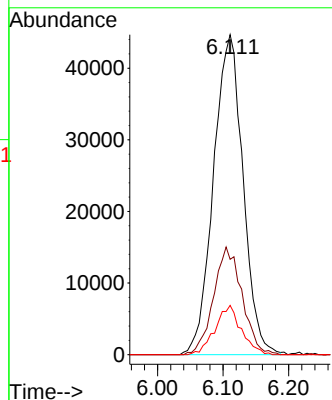
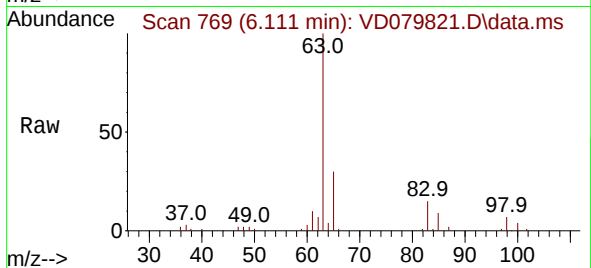
Tgt Ion: 63 Resp: 139725

Ion Ratio Lower Upper

63 100

65 29.8 22.6 42.0

83 15.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.091 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

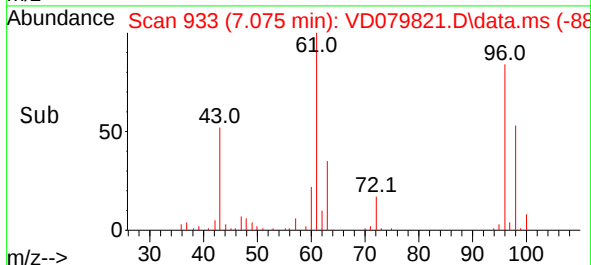
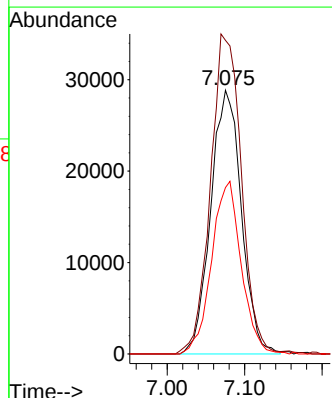
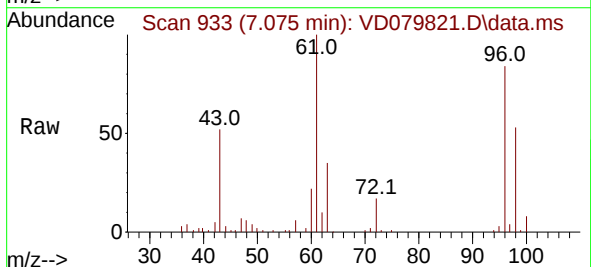
Tgt Ion: 96 Resp: 79415

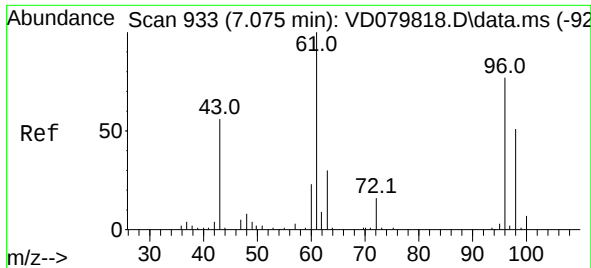
Ion Ratio Lower Upper

96 100

61 118.9 83.8 155.6

98 63.1 45.9 85.3

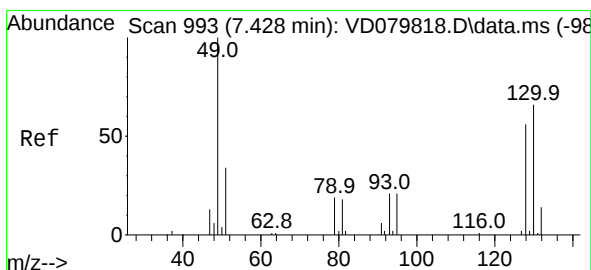
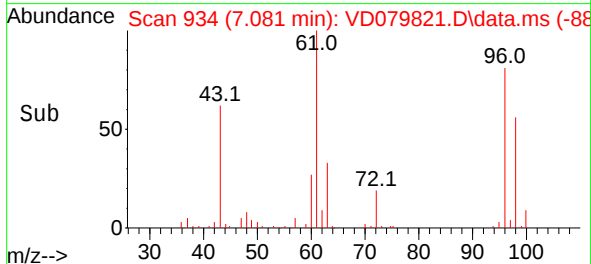
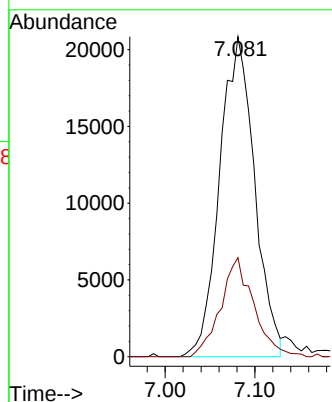
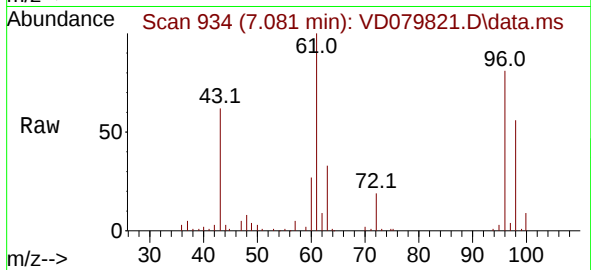




#22
2-Butanone
Concen: 57.070 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

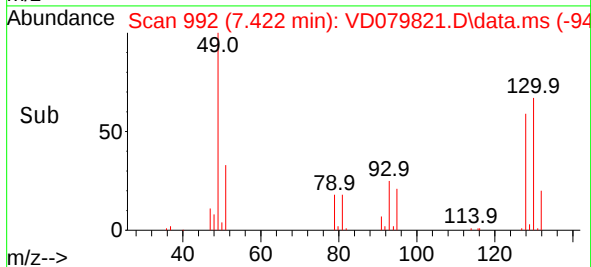
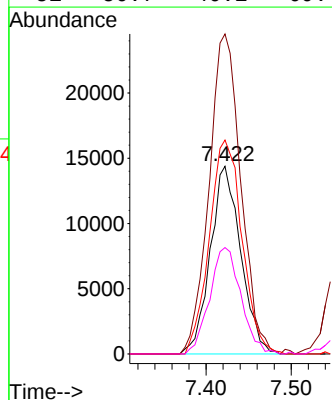
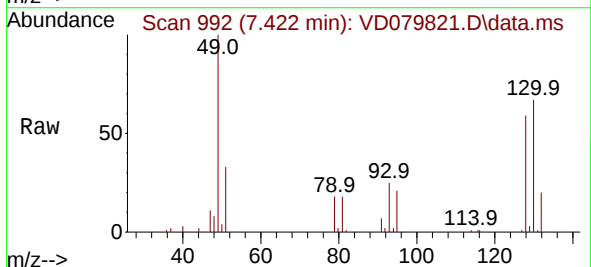
Instrument :
MSVOA_D
ClientSampleId :

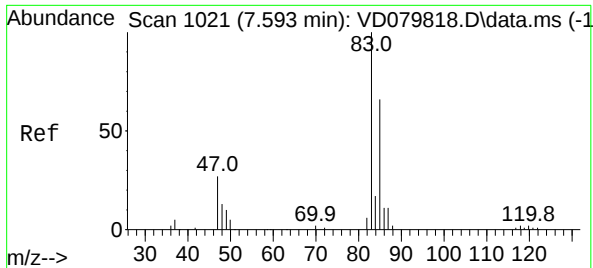
Tgt Ion: 43 Resp: 56307
Ion Ratio Lower Upper
43 100
72 29.5 13.1 39.3



#23
Bromochloromethane
Concen: 27.678 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:128 Resp: 35756
Ion Ratio Lower Upper
128 100
49 170.5 132.3 245.7
130 114.0 89.4 166.0
51 56.7 46.2 69.4

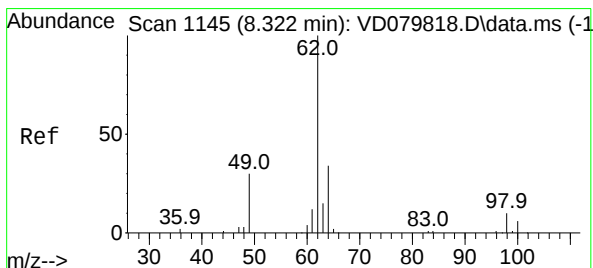
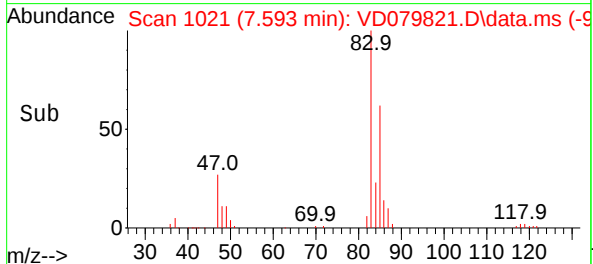
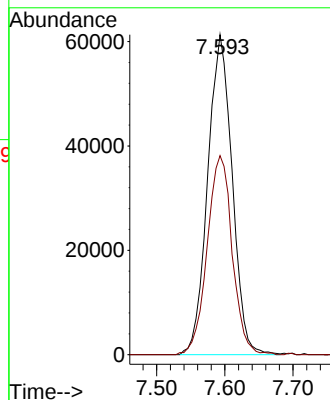
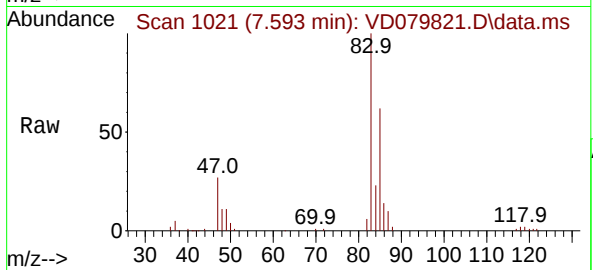




#25
Chloroform
Concen: 26.817 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

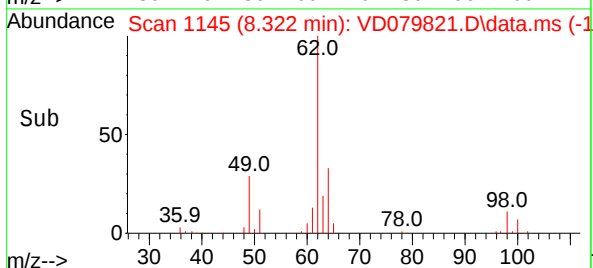
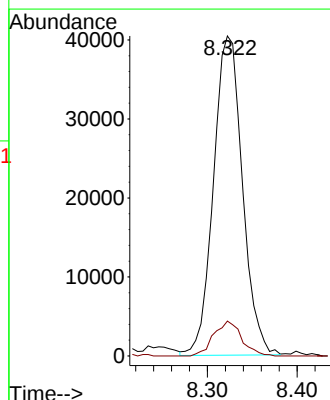
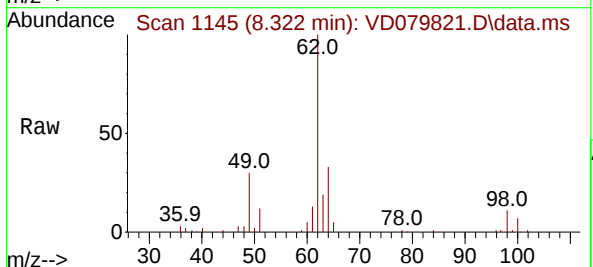
Instrument :
MSVOA_D
ClientSampleId :

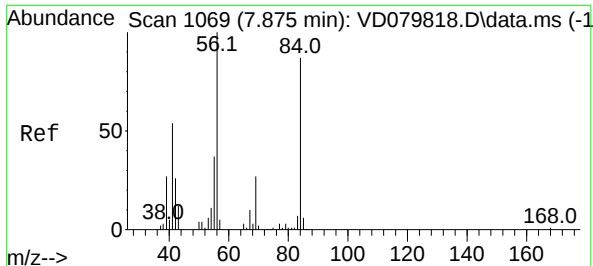
Tgt Ion: 83 Resp: 153283
Ion Ratio Lower Upper
83 100
85 62.2 47.3 87.9



#27
1,2-Dichloroethane
Concen: 25.897 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 62 Resp: 90472
Ion Ratio Lower Upper
62 100
98 10.9 7.5 11.3

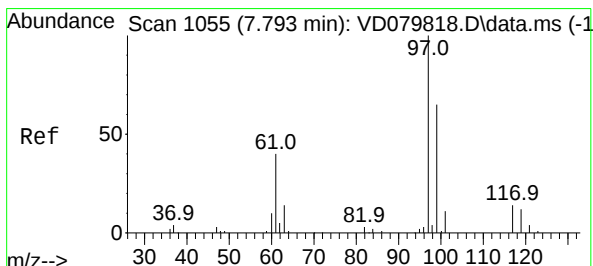
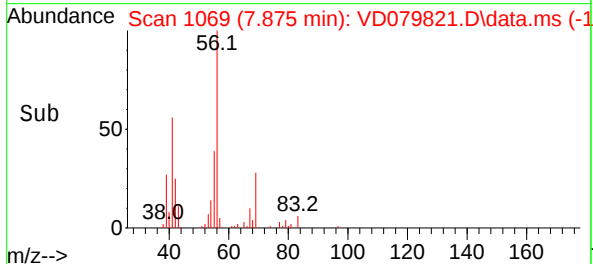
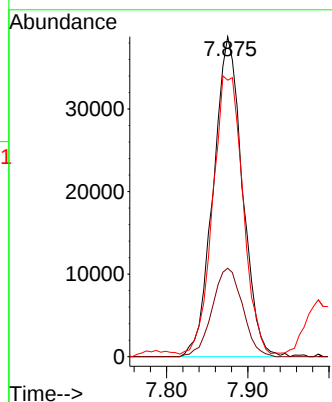
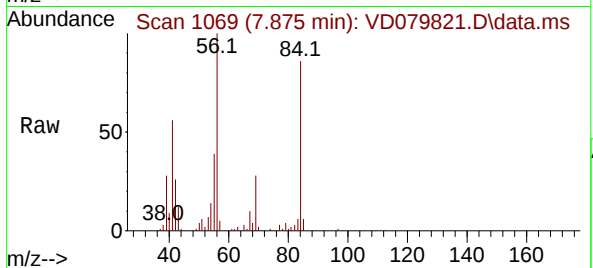




#29
Cyclohexane
Concen: 22.430 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

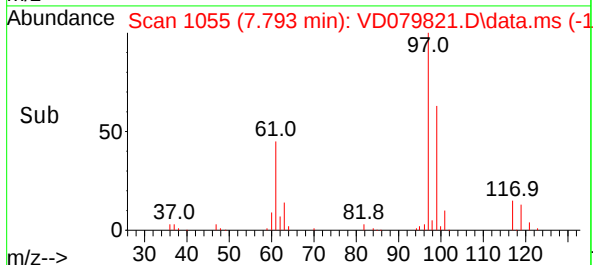
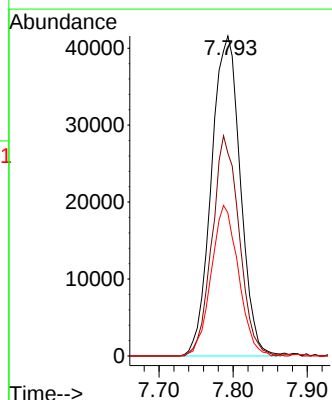
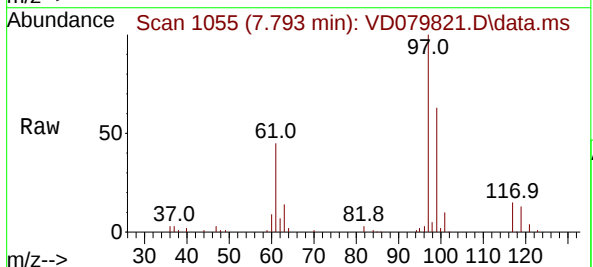
Instrument :
MSVOA_D
ClientSampleId :

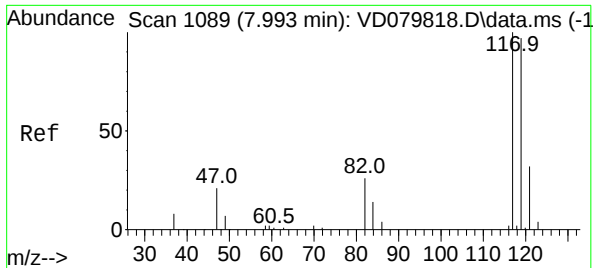
Tgt Ion: 56 Resp: 96523
Ion Ratio Lower Upper
56 100
69 28.9 22.8 34.2
84 91.9 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 23.844 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 97 Resp: 113071
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 44.4 35.4 53.2

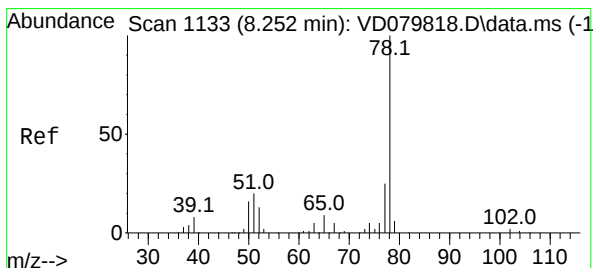
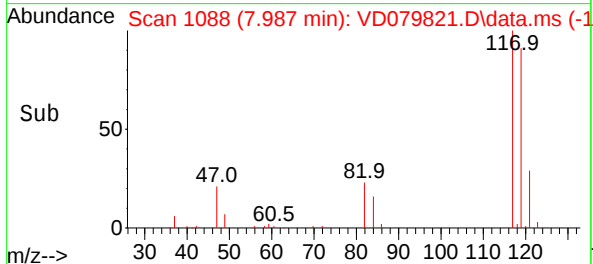
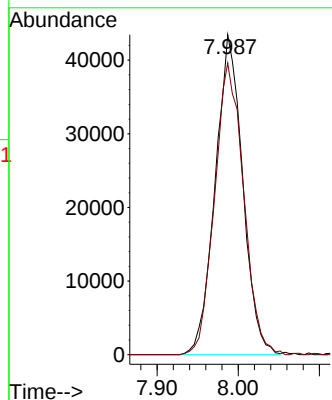
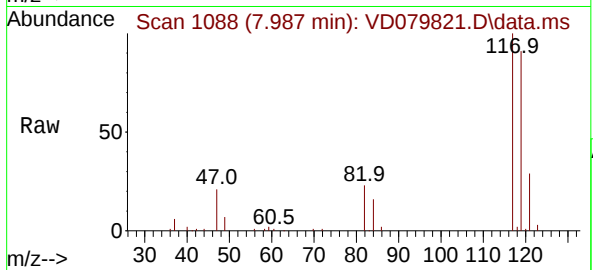




#31
Carbon tetrachloride
Concen: 24.305 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

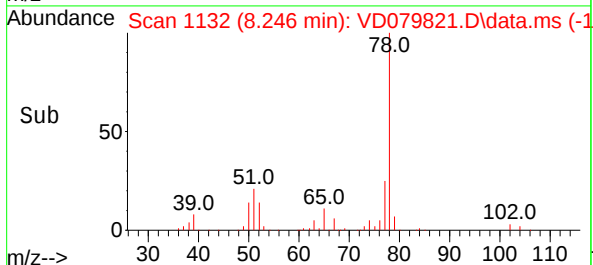
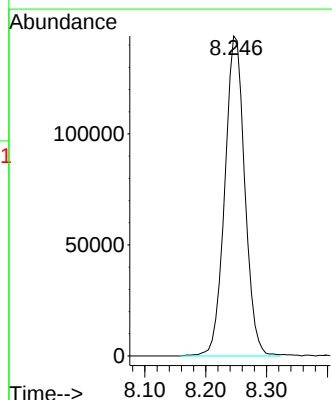
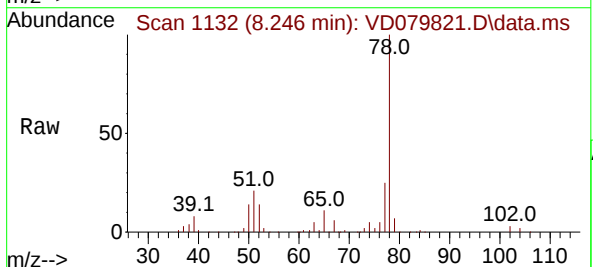
Instrument :
MSVOA_D
ClientSampleId :

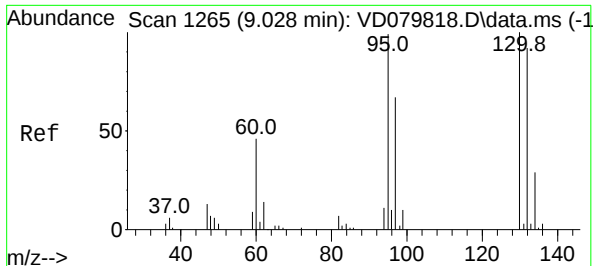
Tgt Ion:117 Resp: 102119
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0



#33
Benzene
Concen: 25.401 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 78 Resp: 329052





#34

Trichloroethene

Concen: 24.174 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

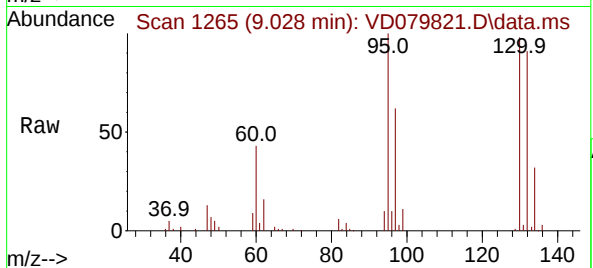
Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 72362

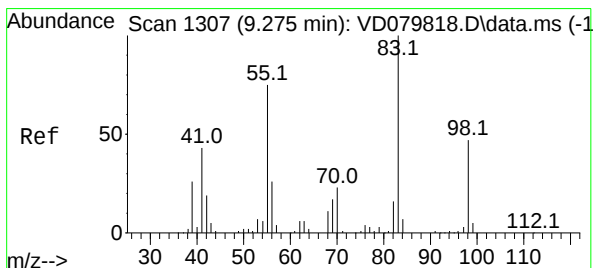
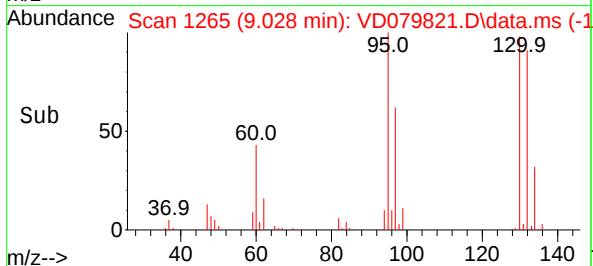
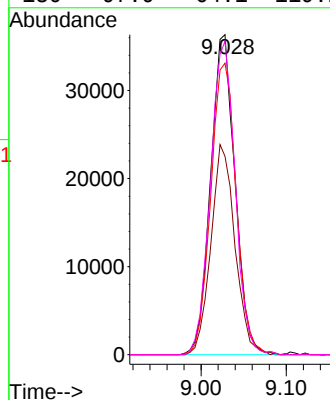
Ion Ratio Lower Upper

95 100

97 62.0 43.5 80.7

132 91.1 64.5 119.7

130 97.9 64.1 119.1



#35

Methylcyclohexane

Concen: 22.671 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

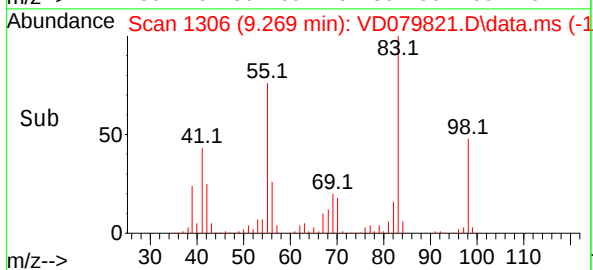
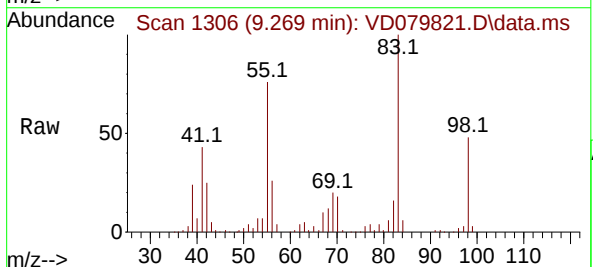
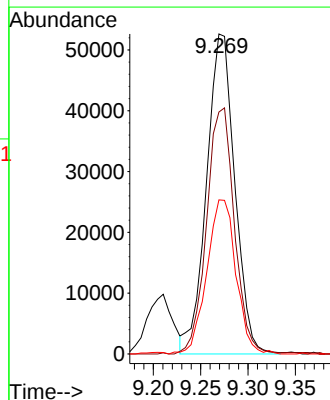
Tgt Ion: 83 Resp: 109510

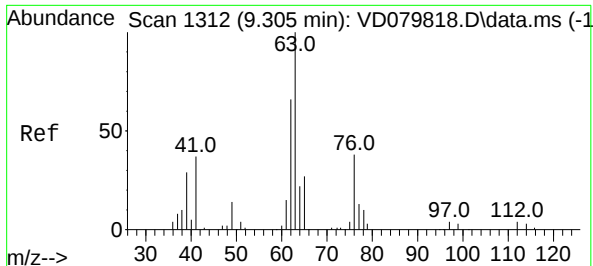
Ion Ratio Lower Upper

83 100

55 75.7 58.9 88.3

98 49.4 38.6 58.0

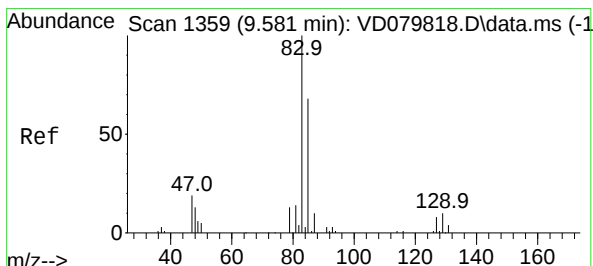
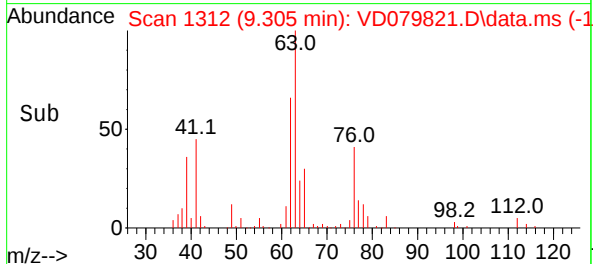
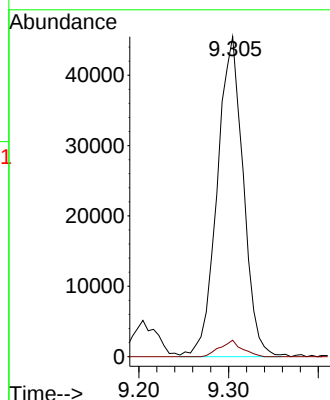
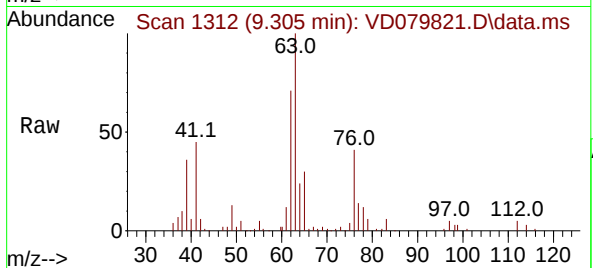




#37
1,2-Dichloropropane
Concen: 25.937 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

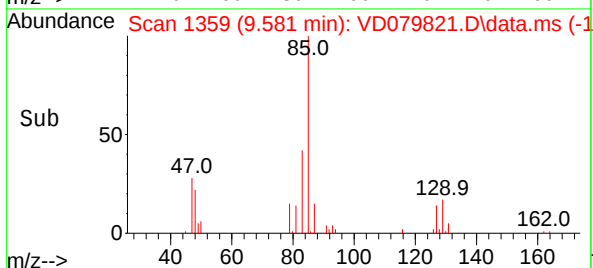
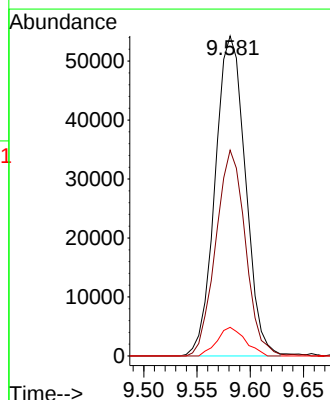
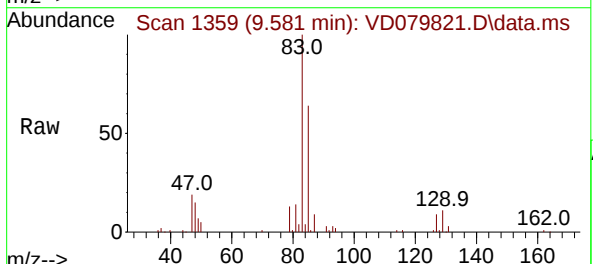
Instrument :
MSVOA_D
ClientSampleId :

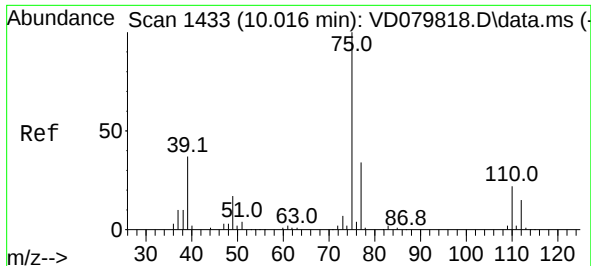
Tgt Ion: 63 Resp: 91631
Ion Ratio Lower Upper
63 100
112 4.3 0.0 0.0#



#38
Bromodichloromethane
Concen: 25.997 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 83 Resp: 107016
Ion Ratio Lower Upper
83 100
85 64.3 45.9 85.3
127 8.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.664 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

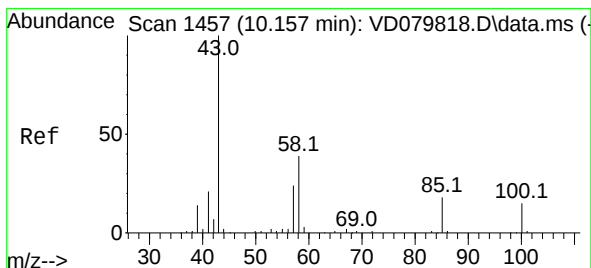
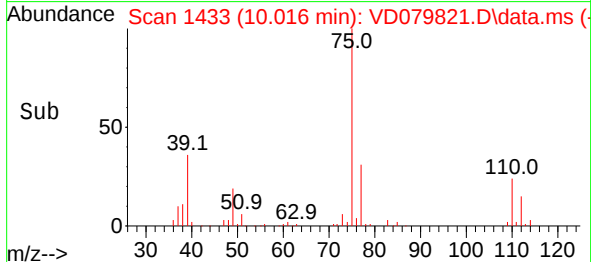
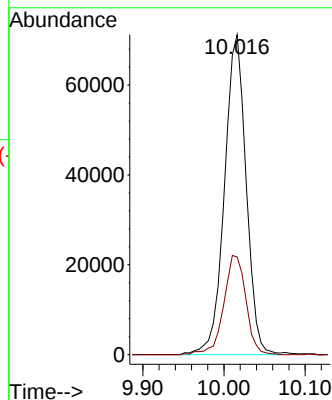
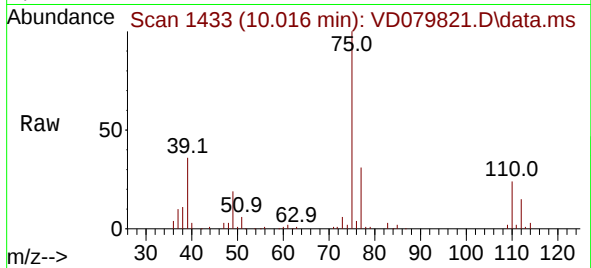
ClientSampleId :

Tgt Ion: 75 Resp: 132282

Ion Ratio Lower Upper

75 100

77 30.6 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 56.705 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

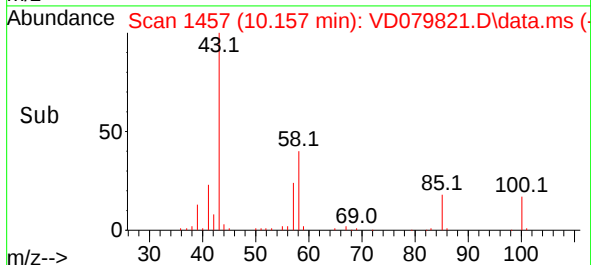
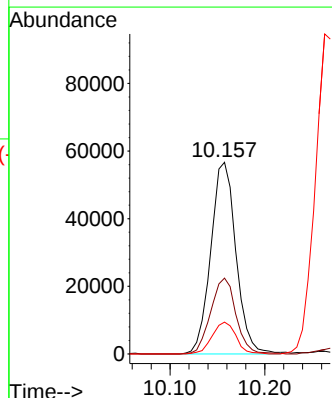
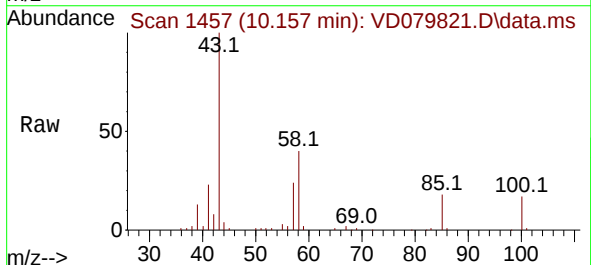
Tgt Ion: 43 Resp: 104866

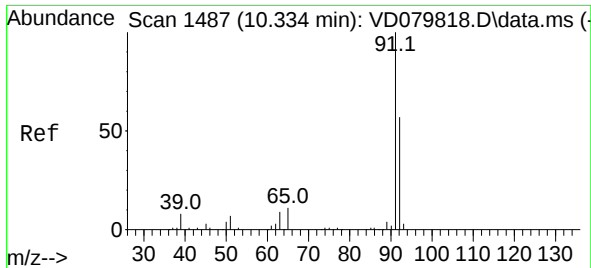
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 15.7 11.8 17.6





#42

Toluene

Concen: 26.190 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

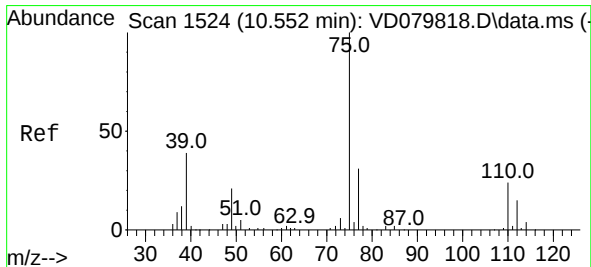
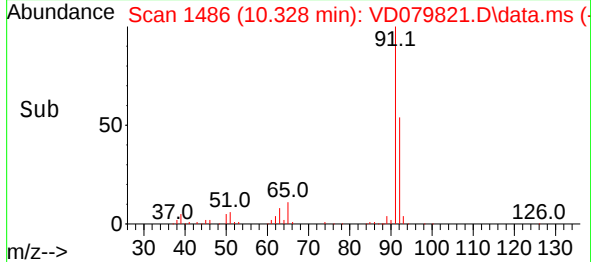
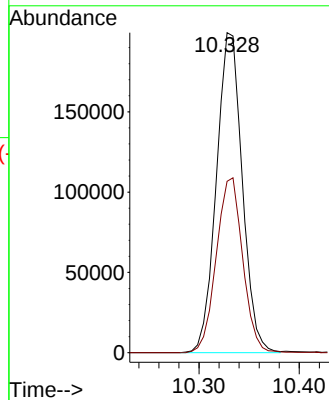
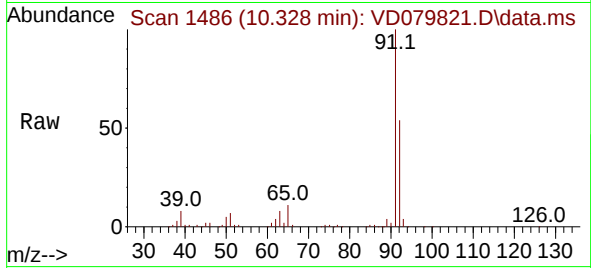
ClientSampleId :

Tgt Ion: 91 Resp: 357381

Ion Ratio Lower Upper

91 100

92 53.5 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 26.859 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079821.D

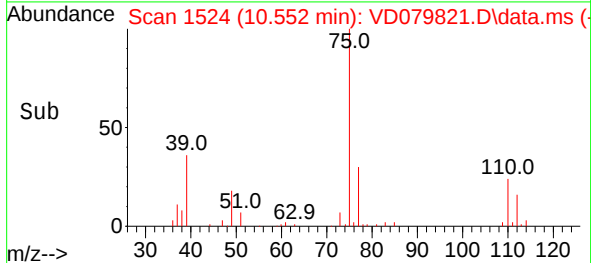
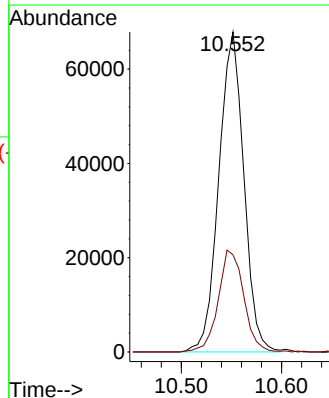
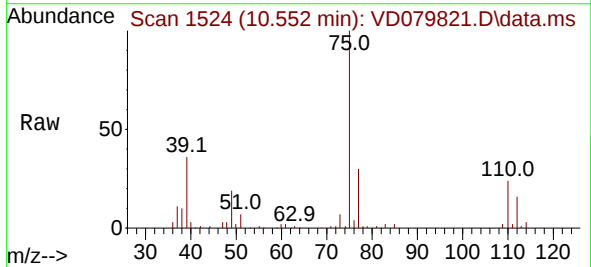
Acq: 11 Sep 2024 16:00

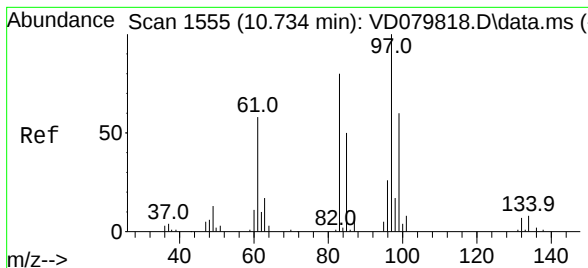
Tgt Ion: 75 Resp: 117430

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 28.088 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

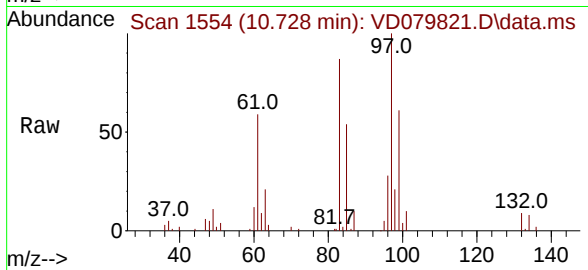
Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 67796

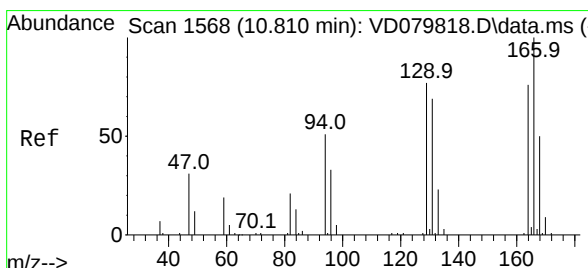
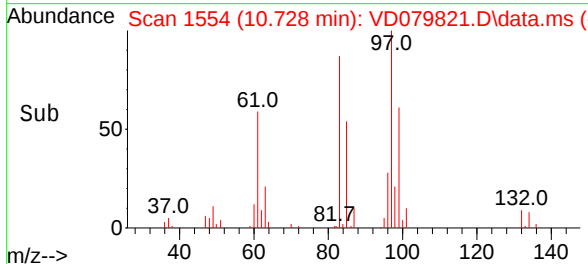
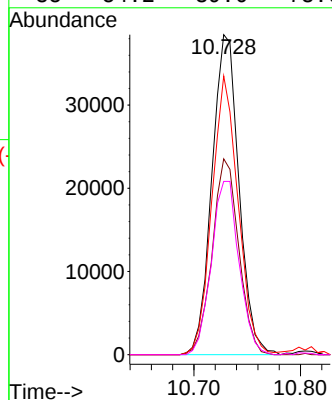
Ion Ratio Lower Upper

97 100

99 61.2 45.1 83.7

83 87.1 65.2 121.0

85 54.2 39.6 73.6



#46

Tetrachloroethene

Concen: 25.005 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Tgt Ion:164 Resp: 50814

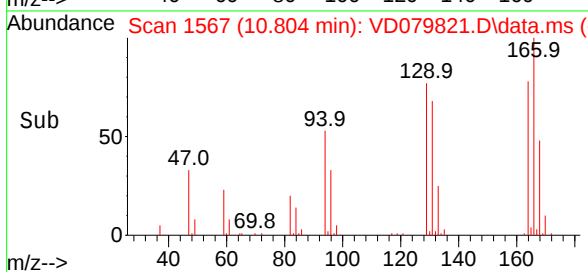
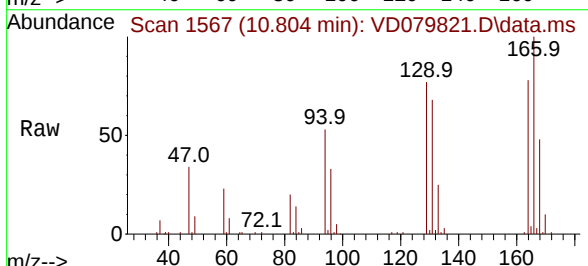
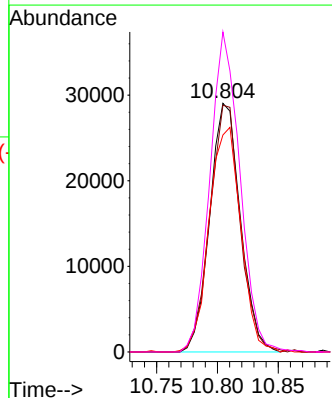
Ion Ratio Lower Upper

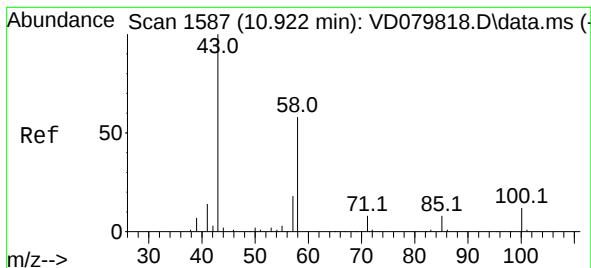
164 100

129 99.2 68.7 127.5

131 87.2 62.5 116.1

166 128.7 85.0 157.8





#48

2-Hexanone

Concen: 58.961 ug/L

RT: 10.916 min Scan# 1586

Delta R.T. -0.006 min MSVOA_D

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43 Resp: 88694

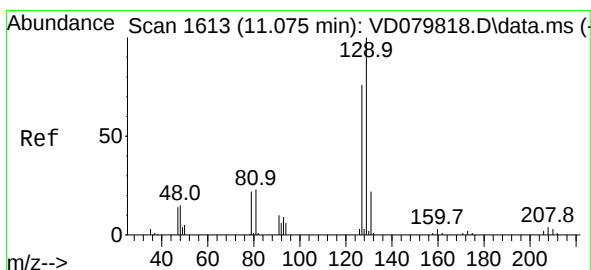
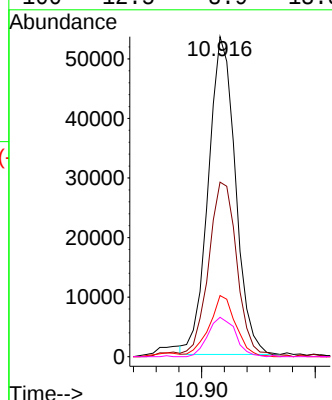
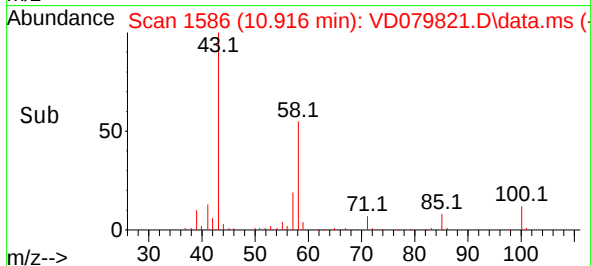
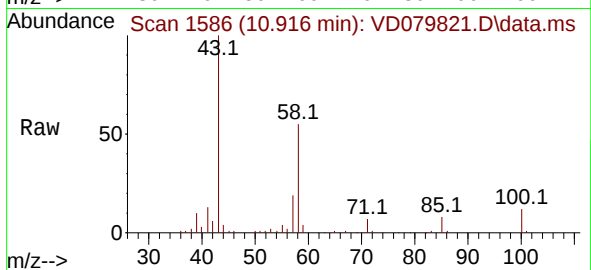
Ion Ratio Lower Upper

43 100

58 57.2 44.7 67.1

57 18.9 13.6 20.4

100 12.5 8.9 13.3



#49

Dibromochloromethane

Concen: 26.604 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079821.D

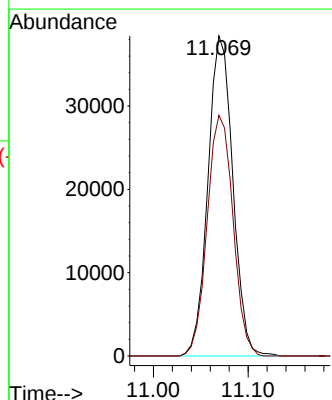
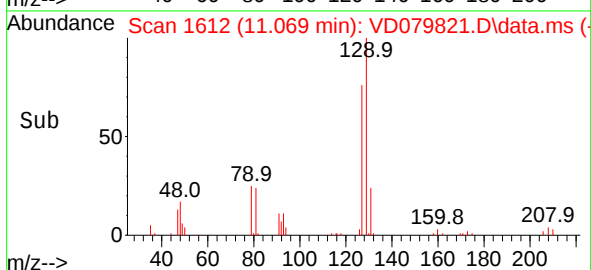
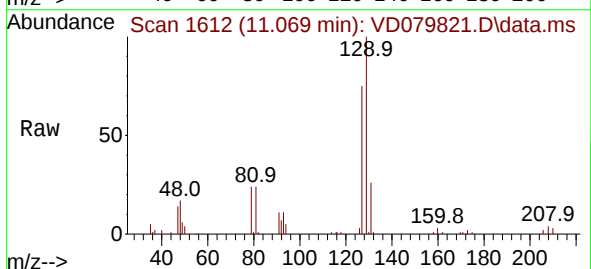
Acq: 11 Sep 2024 16:00

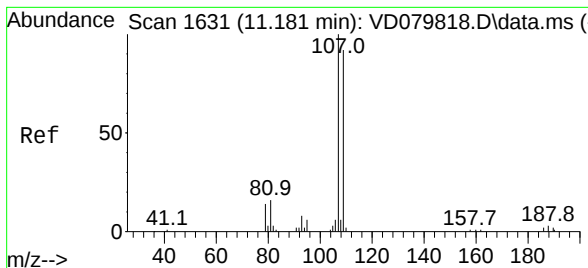
Tgt Ion:129 Resp: 70090

Ion Ratio Lower Upper

129 100

127 75.2 55.2 102.6





#50

1,2-Dibromoethane

Concen: 26.478 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :

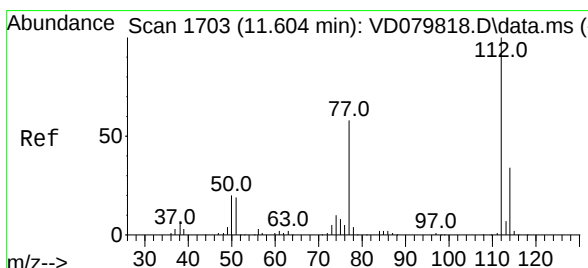
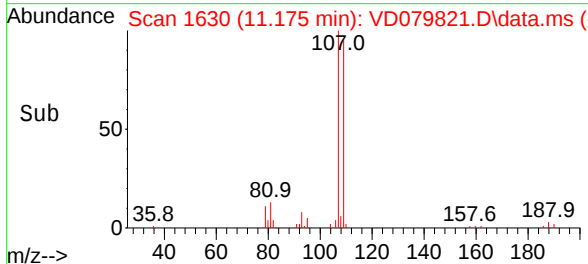
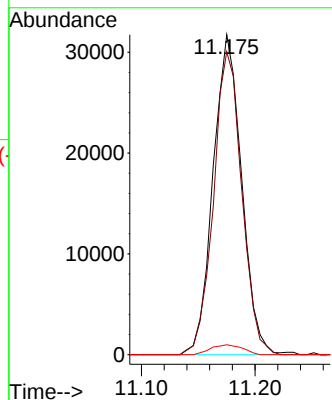
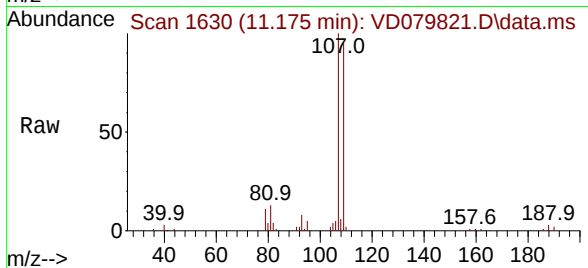
Tgt Ion:107 Resp: 55199

Ion Ratio Lower Upper

107 100

109 94.7 61.5 114.1

188 3.1 2.3 3.5



#51

Chlorobenzene

Concen: 25.714 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

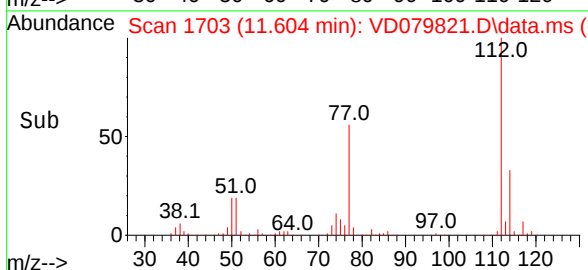
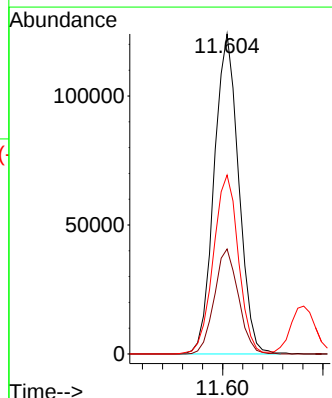
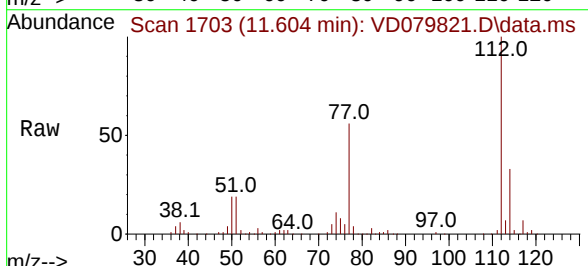
Tgt Ion:112 Resp: 210572

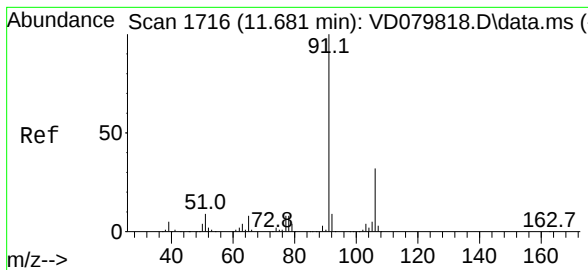
Ion Ratio Lower Upper

112 100

114 32.8 22.0 41.0

77 55.9 46.7 70.1

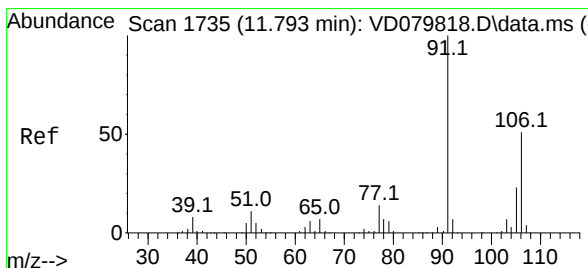
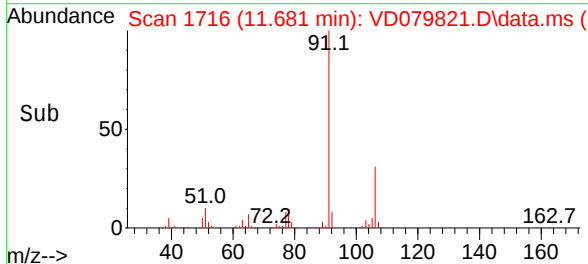
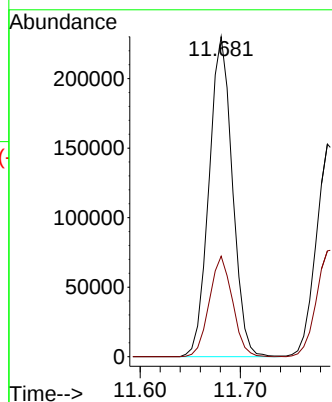
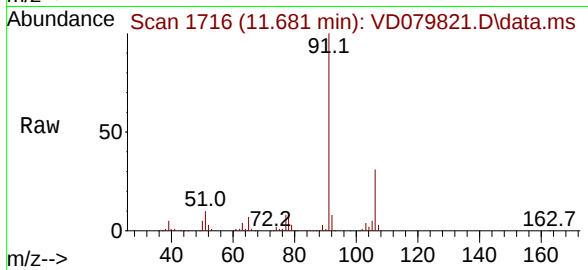




#52
Ethylbenzene
Concen: 26.062 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

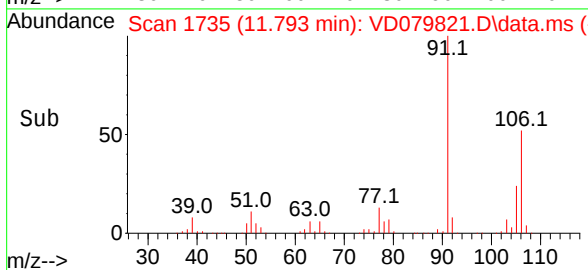
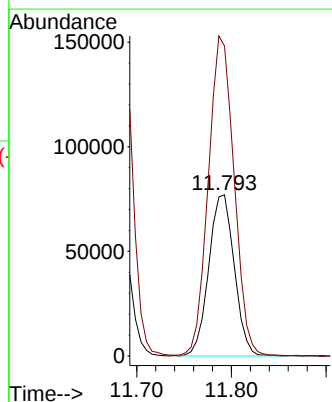
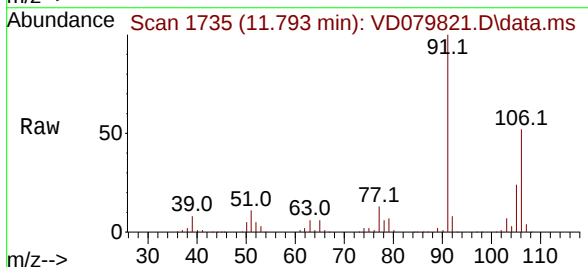
Instrument :
MSVOA_D
ClientSampleId :

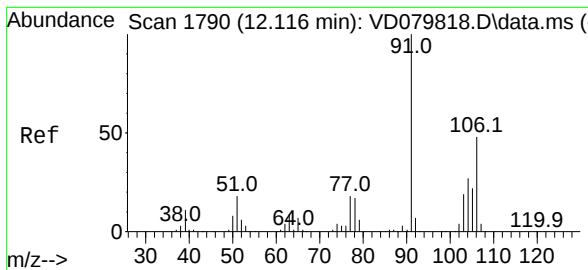
Tgt Ion: 91 Resp: 373592
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.5



#53
m,p-Xylene
Concen: 26.548 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:106 Resp: 144142
Ion Ratio Lower Upper
106 100
91 192.5 138.3 256.9

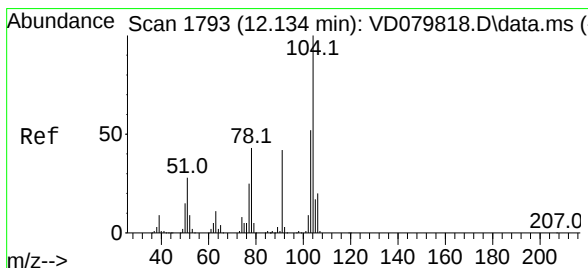
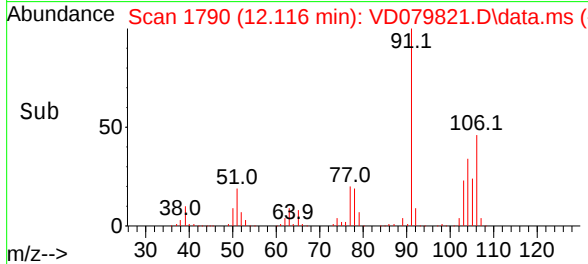
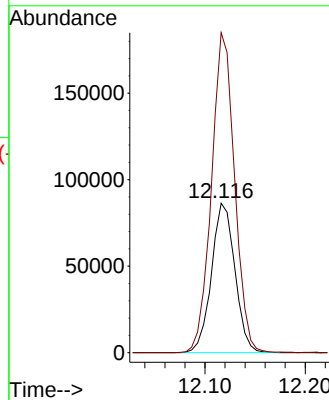
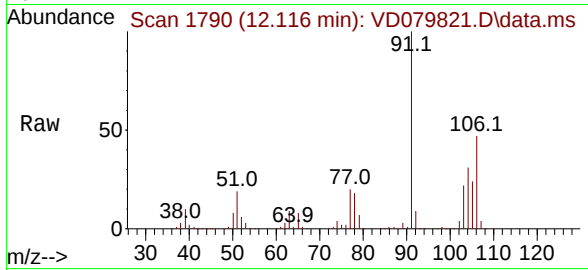




#54
o-Xylene
Concen: 26.376 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

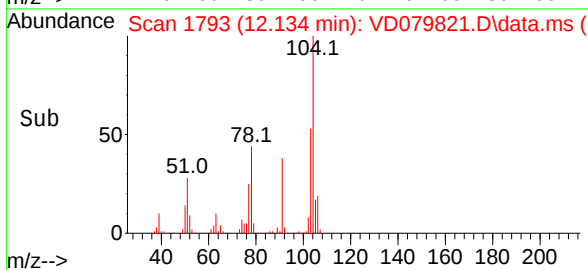
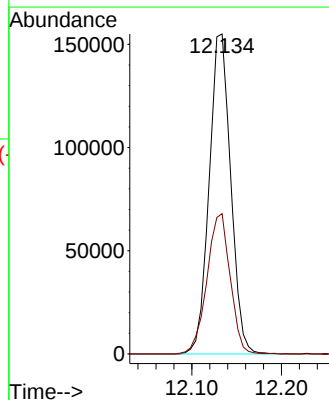
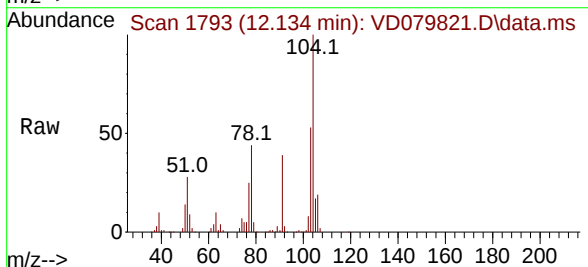
Instrument :
MSVOA_D
ClientSampleId :

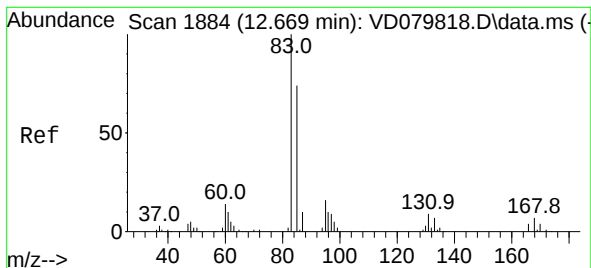
Tgt Ion:106 Resp: 140413
Ion Ratio Lower Upper
106 100
91 214.1 152.6 283.4



#55
Styrene
Concen: 27.674 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:104 Resp: 258924
Ion Ratio Lower Upper
104 100
78 43.8 30.7 57.1

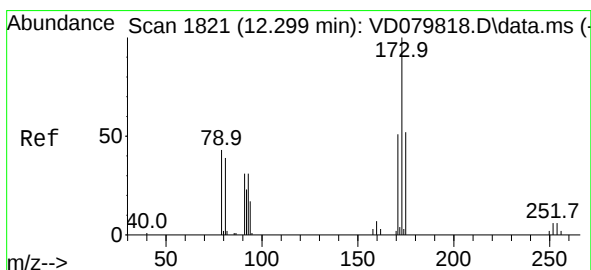
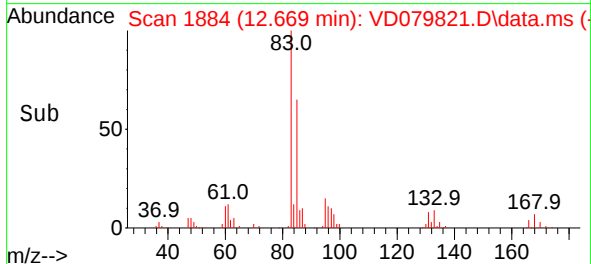
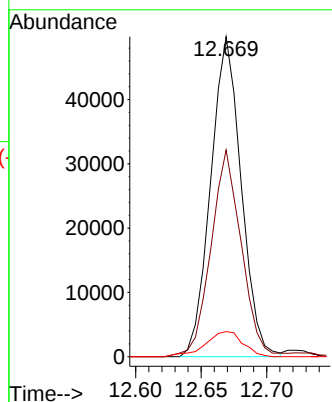
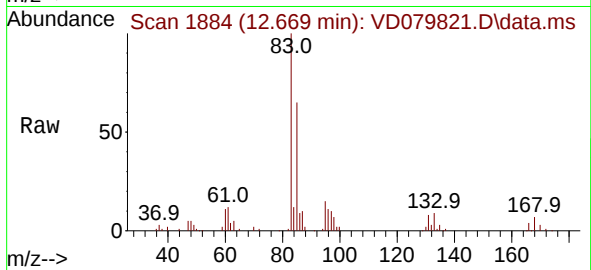




#57
1,1,2,2-Tetrachloroethane
Concen: 28.437 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

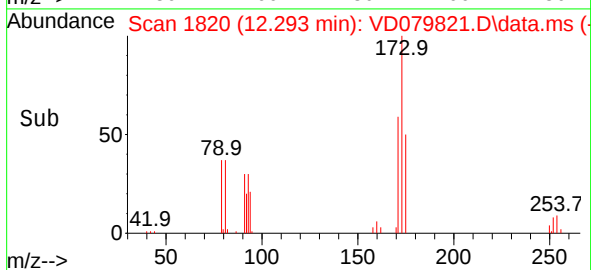
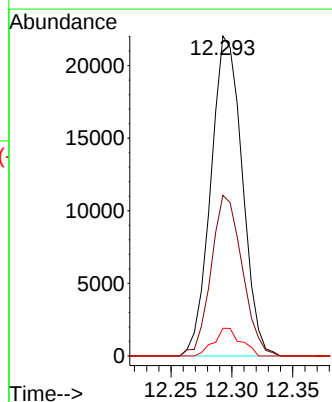
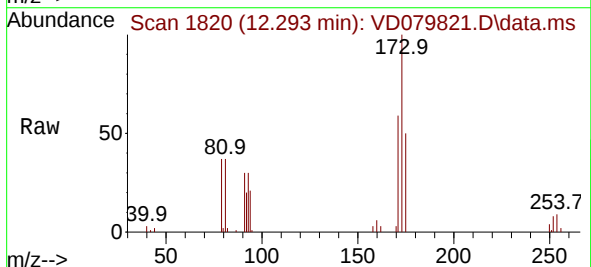
Instrument :
MSVOA_D
ClientSampleId :

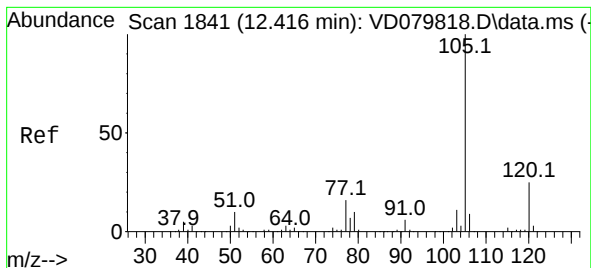
Tgt Ion: 83 Resp: 80454
Ion Ratio Lower Upper
83 100
85 64.6 46.8 87.0
131 7.8 6.5 9.7



#59
Bromoform
Concen: 27.043 ug/L
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:173 Resp: 39499
Ion Ratio Lower Upper
173 100
175 49.7 39.2 58.8
254 7.4 5.5 8.3





#60

Isopropylbenzene

Concen: 24.953 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :

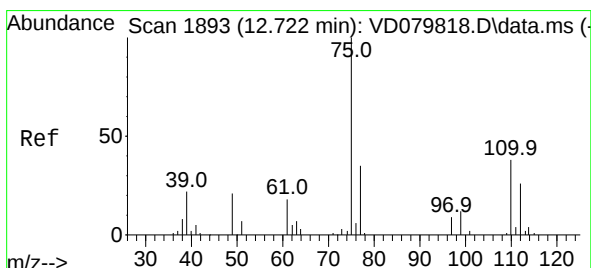
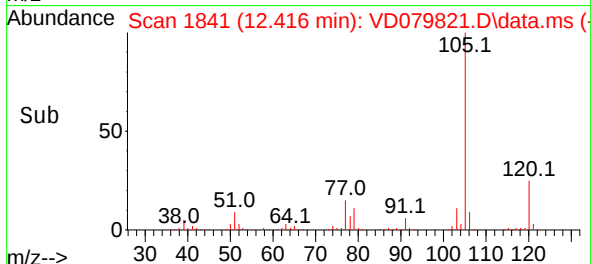
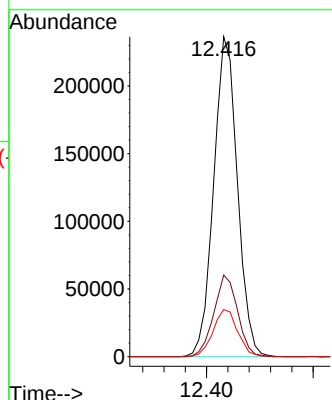
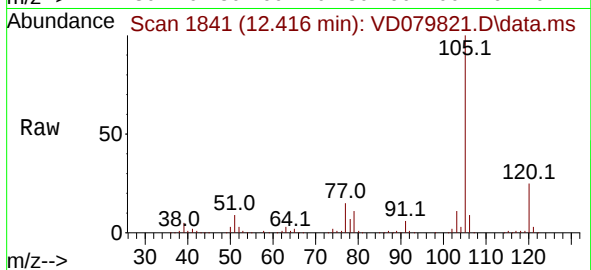
Tgt Ion:105 Resp: 364523

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 26.420 ug/L

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

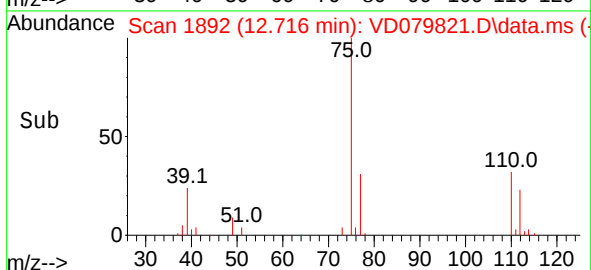
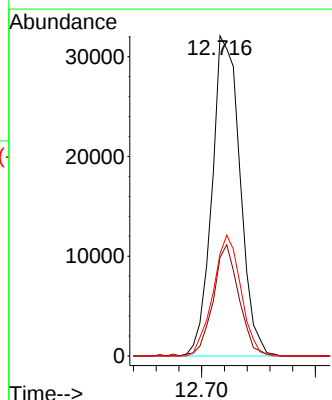
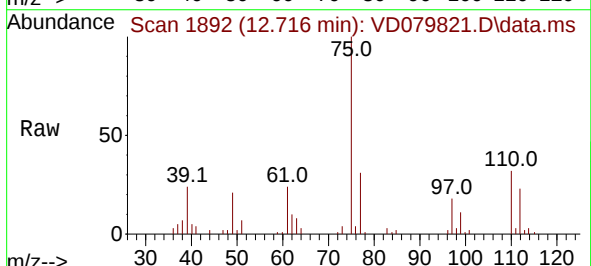
Tgt Ion: 75 Resp: 54949

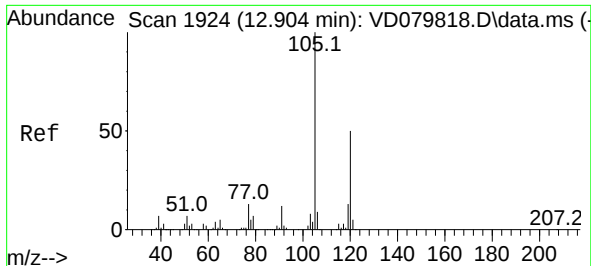
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

110 37.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 26.807 ug/L

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

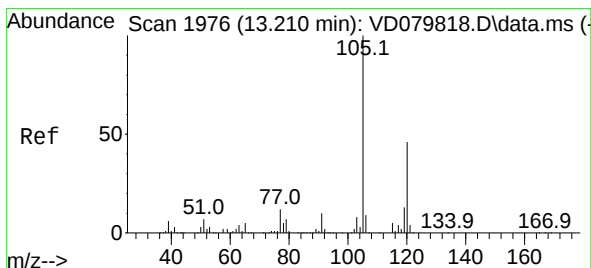
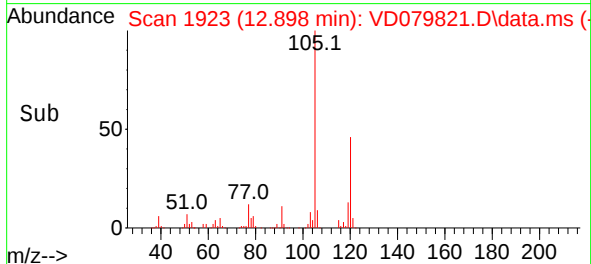
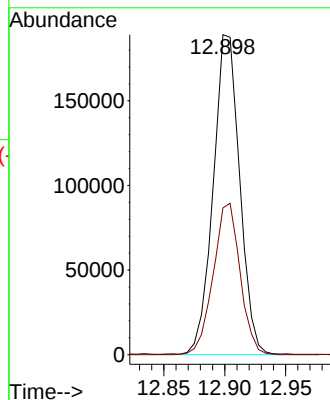
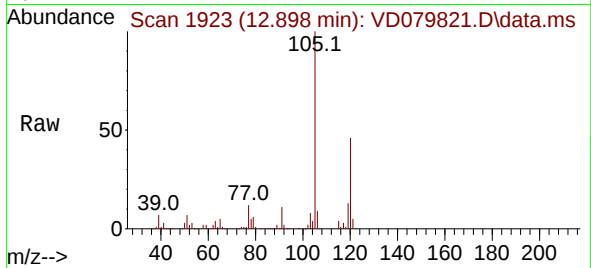
ClientSampleId :

Tgt Ion:105 Resp: 286399

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 25.889 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079821.D

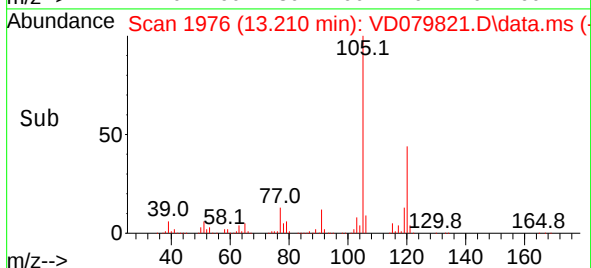
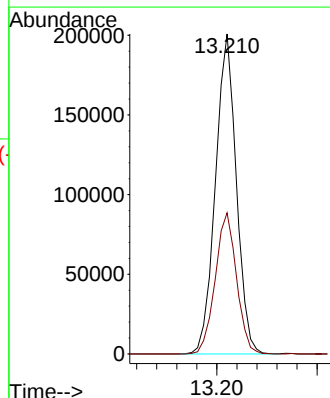
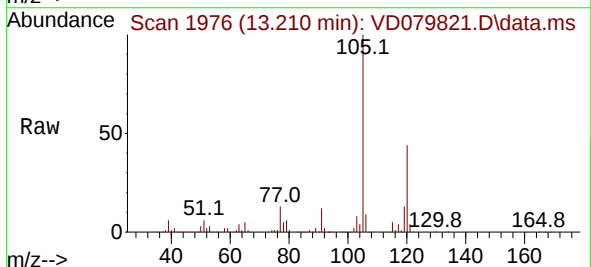
Acq: 11 Sep 2024 16:00

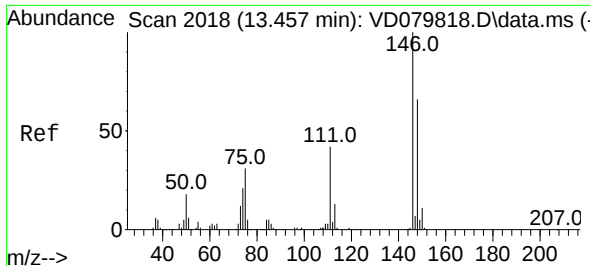
Tgt Ion:105 Resp: 290057

Ion Ratio Lower Upper

105 100

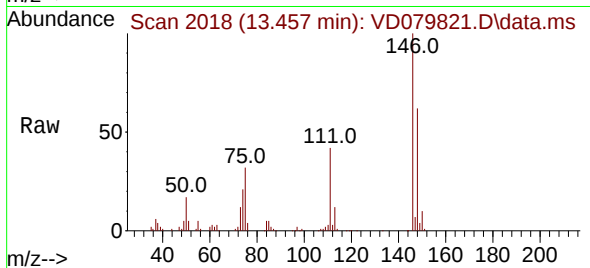
120 45.0 36.3 54.5



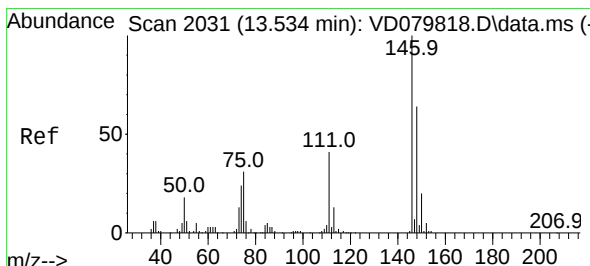
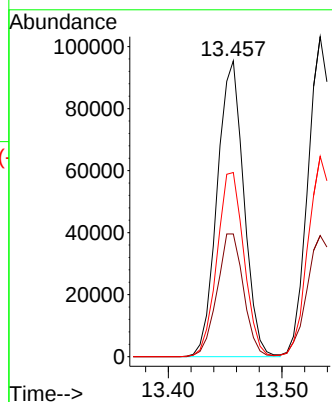
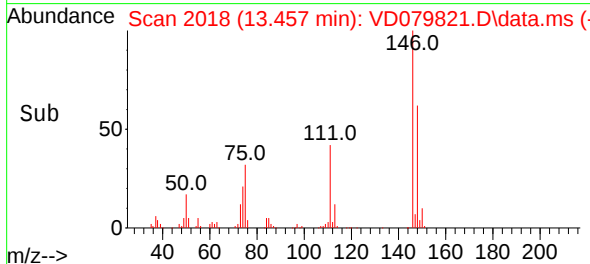


#64
1,3-Dichlorobenzene
Concen: 25.738 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

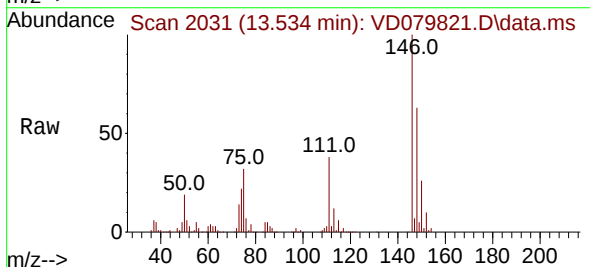
Instrument :
MSVOA_D
ClientSampleId :



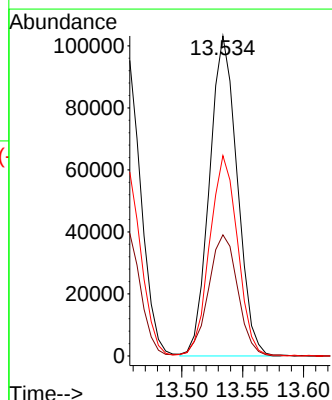
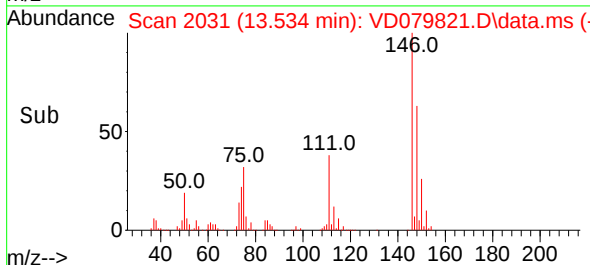
Tgt Ion:146 Resp: 155380
Ion Ratio Lower Upper
146 100
111 41.5 27.4 50.8
148 62.2 45.6 84.8

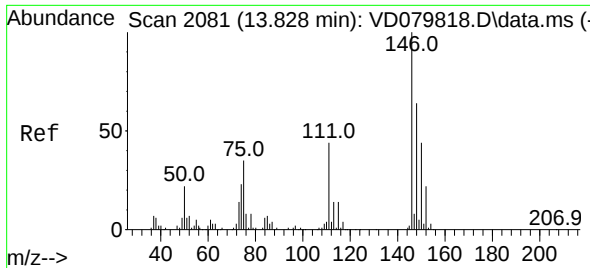


#65
1,4-Dichlorobenzene
Concen: 25.856 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00



Tgt Ion:146 Resp: 163725
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.4
148 62.6 46.1 85.7

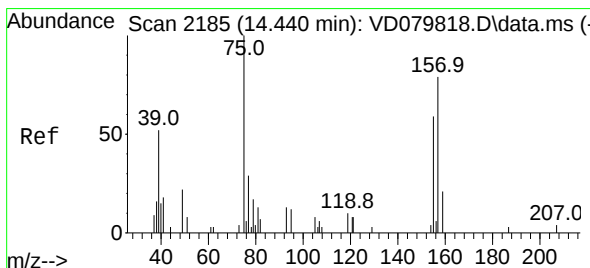
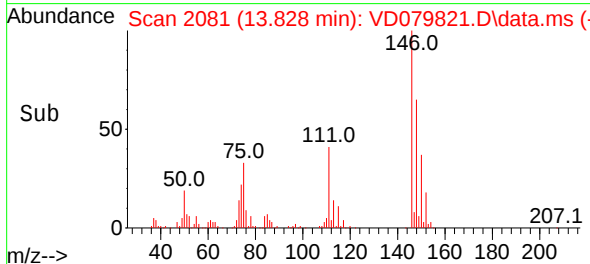
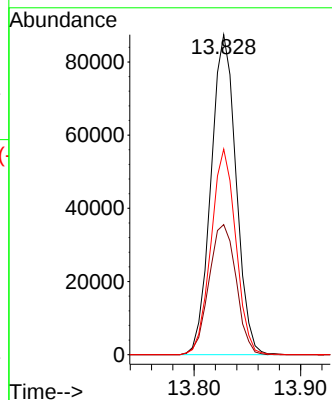
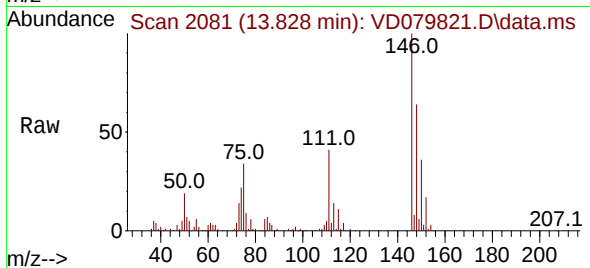




#67
1,2-Dichlorobenzene
Concen: 26.250 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

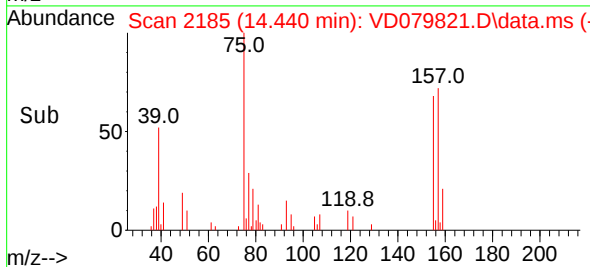
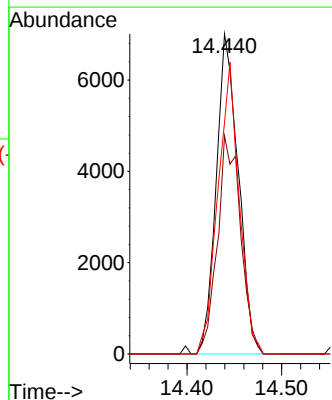
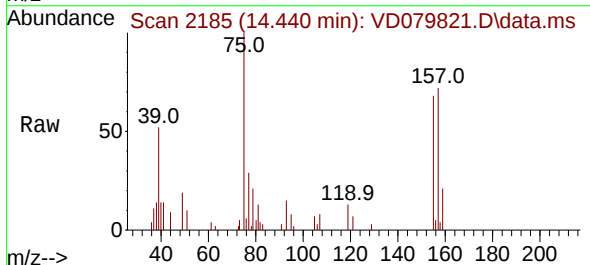
Instrument :
MSVOA_D
ClientSampleId :

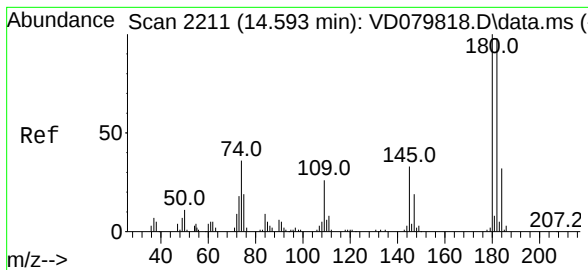
Tgt Ion:146 Resp: 143229
Ion Ratio Lower Upper
146 100
111 40.6 36.9 55.3
148 64.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 26.839 ug/L
RT: 14.440 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion: 75 Resp: 11421
Ion Ratio Lower Upper
75 100
155 68.1 57.2 85.8
157 72.3 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 25.357 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

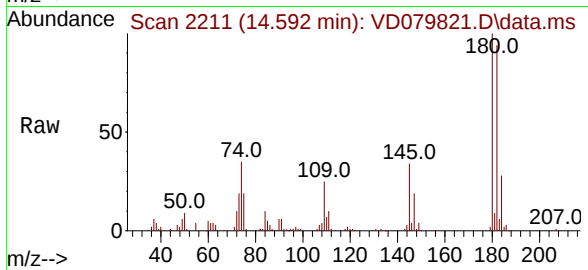
Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 92820

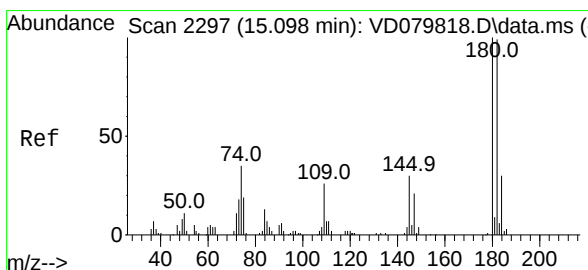
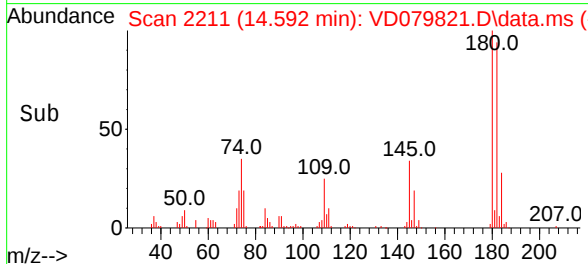
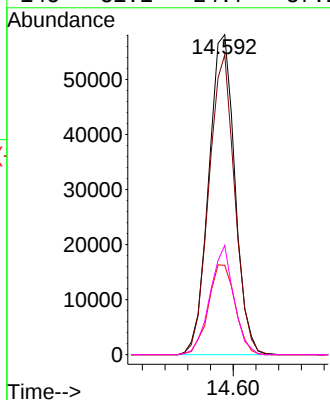
Ion Ratio Lower Upper

180 100

182 92.4 72.6 109.0

184 28.9 24.2 36.2

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.948 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079821.D

Acq: 11 Sep 2024 16:00

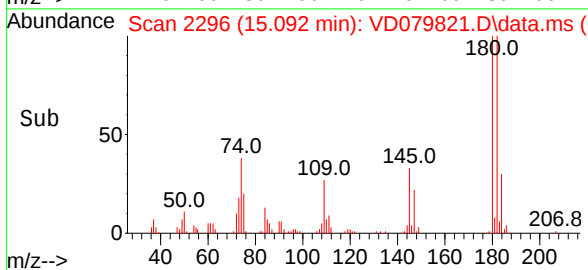
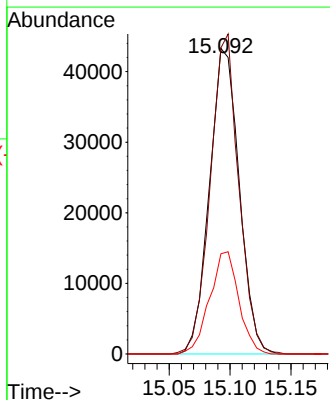
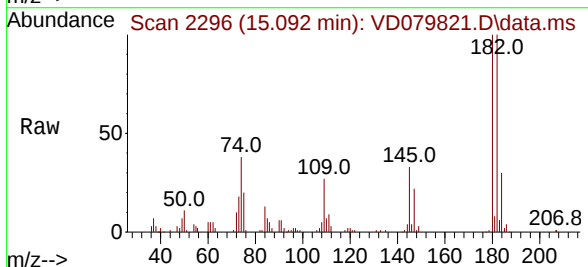
Tgt Ion:180 Resp: 73807

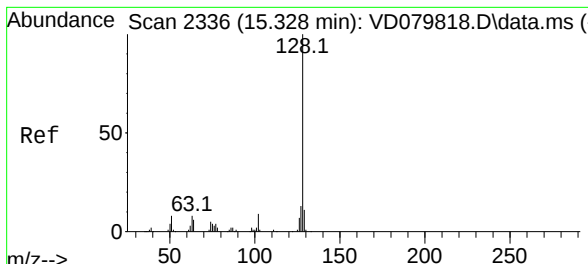
Ion Ratio Lower Upper

180 100

182 99.6 75.9 113.9

145 32.6 26.6 40.0

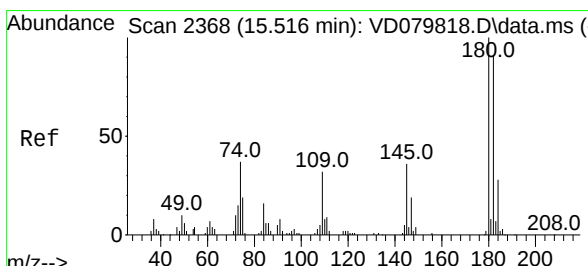
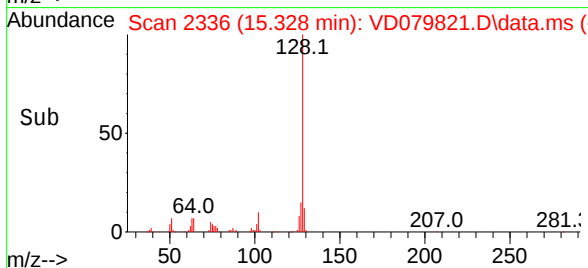
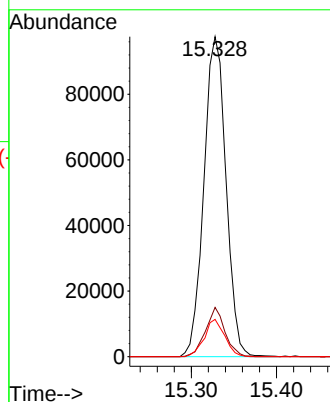
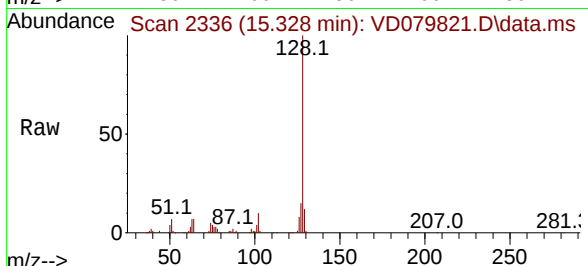




#71
Naphthalene
Concen: 25.552 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 175890
Ion Ratio Lower Upper
128 100
127 13.6 11.2 16.8
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.916 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079821.D
Acq: 11 Sep 2024 16:00

Tgt Ion:180 Resp: 71446
Ion Ratio Lower Upper
180 100
182 96.9 74.1 111.1
145 32.2 26.4 39.6

