

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091224\
 Data File : VD079823.D
 Acq On : 12 Sep 2024 09:43
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 00:12:59 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	171583	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	170411	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84624	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	152740	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.799	69	127412	21.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	3.916	65	28834	21.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	6.981	46	32201	46.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
24) Chloroform-d	7.569	84	128616	22.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	8.234	65	72760	24.670	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	8.204	84	283967	23.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.210	67	86064	23.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.269	98	259351	24.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	10.528	79	36229	22.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.480%
47) 2-Hexanone-d5	10.875	63	30232	50.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67863	25.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	74479	23.338	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70506	21.550	ug/L	99
3) Chloromethane	2.146	50	121384	21.164	ug/L	99
5) Vinyl chloride	2.287	62	154915	22.042	ug/L	99
6) Bromomethane	2.693	94	83950	23.723	ug/L	95
8) Chloroethane	2.840	64	103441	22.278	ug/L	97
9) Trichlorofluoromethane	3.175	101	114642	22.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	63564	22.725	ug/L	100
12) 1,1-Dichloroethene	3.940	96	56798	21.802	ug/L	94
13) Acetone	4.022	43	47060	55.683	ug/L	68
14) Carbon disulfide	4.269	76	187284	22.100	ug/L	96
15) Methyl Acetate	4.558	43	33510	24.892	ug/L #	80
16) Methylene chloride	4.799	84	76981	22.706	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	65335	23.520	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	154996	24.803	ug/L #	88
19) 1,1-Dichloroethane	6.110	63	131559	23.843	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	73048	23.883	ug/L	93
22) 2-Butanone	7.081	43	53140	53.601	ug/L	94
23) Bromochloromethane	7.422	128	31976	24.633	ug/L	94
25) Chloroform	7.593	83	142149	24.749	ug/L	91

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

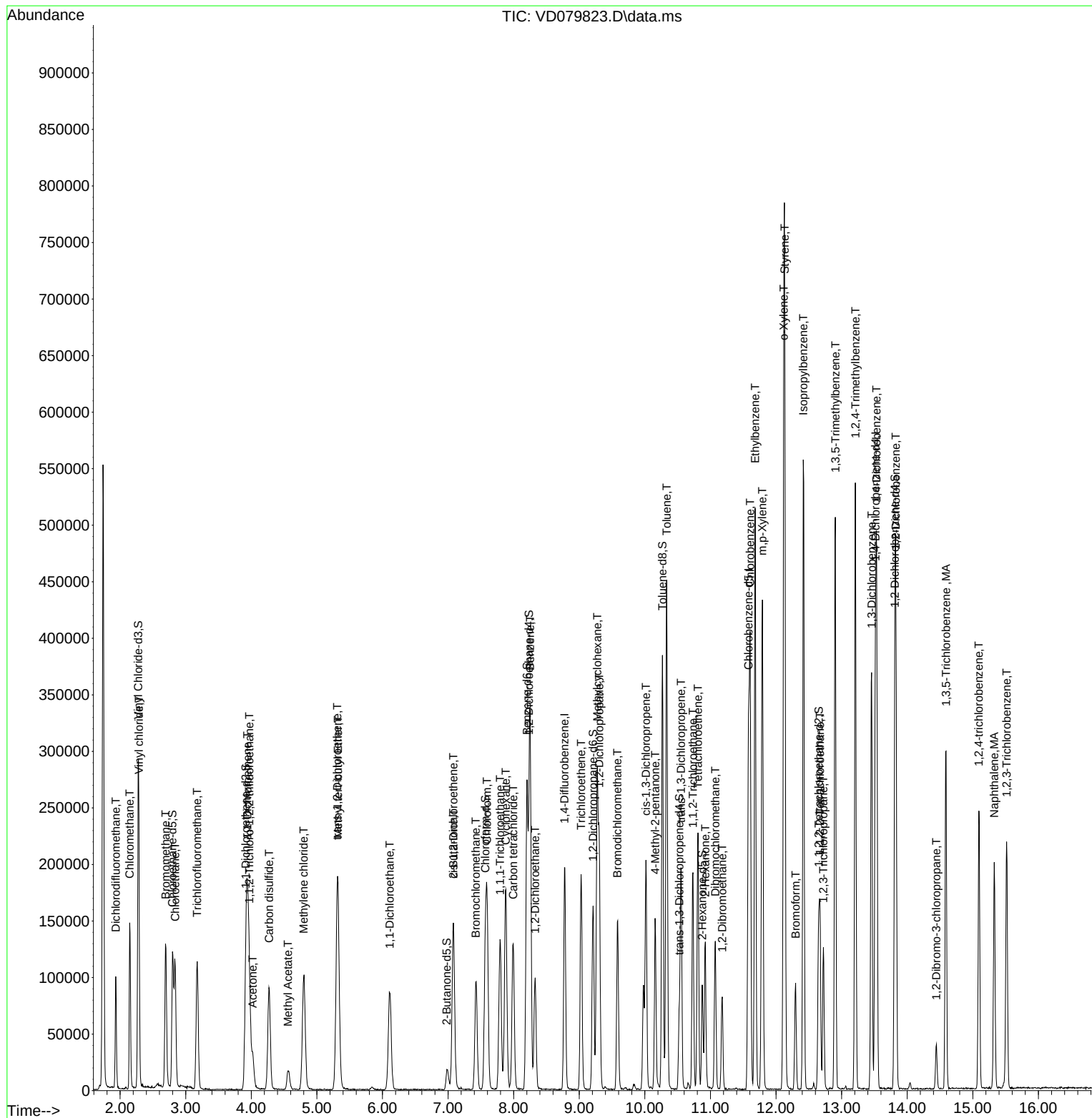
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	89316	25.443	ug/L #	95
29) Cyclohexane	7.881	56	95406	22.634	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	112146	24.143	ug/L	98
31) Carbon tetrachloride	7.993	117	100122	24.328	ug/L	99
33) Benzene	8.251	78	310446	24.465	ug/L	100
34) Trichloroethene	9.028	95	68355	23.313	ug/L	94
35) Methylcyclohexane	9.275	83	110667	23.389	ug/L	99
37) 1,2-Dichloropropane	9.304	63	84889	24.531	ug/L #	100
38) Bromodichloromethane	9.581	83	99063	24.568	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	124179	25.554	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	98567	54.413	ug/L	98
42) Toluene	10.334	91	338451	25.322	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	111274	25.983	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	62406	26.396	ug/L	94
46) Tetrachloroethene	10.810	164	47095	23.659	ug/L	88
48) 2-Hexanone	10.922	43	86563	58.747	ug/L	98
49) Dibromochloromethane	11.075	129	66449	25.749	ug/L	98
50) 1,2-Dibromoethane	11.181	107	52318	25.620	ug/L	90
51) Chlorobenzene	11.604	112	196932	24.551	ug/L	100
52) Ethylbenzene	11.681	91	353732	25.192	ug/L	96
53) m,p-Xylene	11.792	106	138052	25.958	ug/L	94
54) o-Xylene	12.116	106	129965	24.923	ug/L	97
55) Styrene	12.134	104	249702	27.246	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	74084	26.732	ug/L	92
59) Bromoform	12.298	173	37489	25.663	ug/L	100
60) Isopropylbenzene	12.416	105	349713	23.936	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	51640	24.826	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	270662	25.331	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	270935	24.179	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	147727	24.467	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	154871	24.455	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	135307	24.794	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	10732	25.216	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.592	180	85014	23.222	ug/L	96
70) 1,2,4-trichlorobenzene	15.092	180	72580	23.547	ug/L	99
71) Naphthalene	15.328	128	166634	24.204	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	68595	24.879	ug/L	100

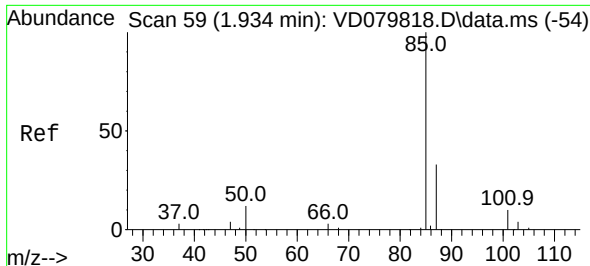
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

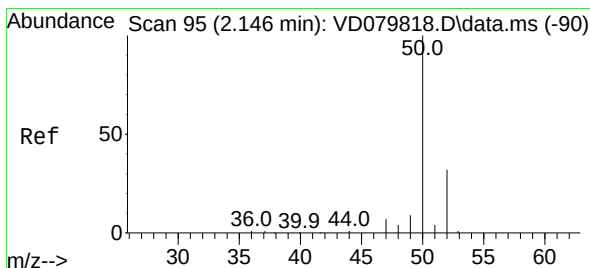
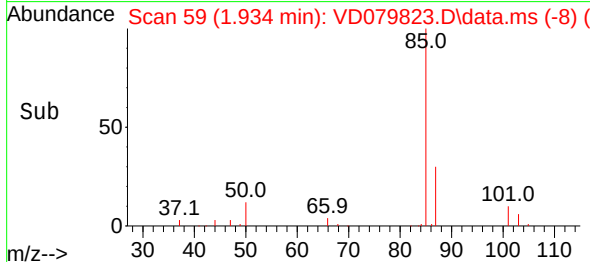
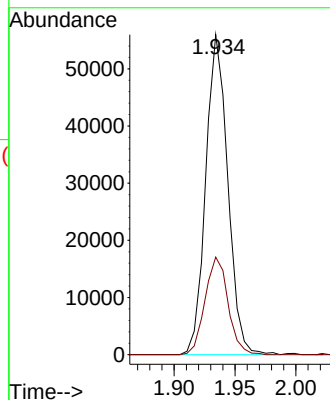
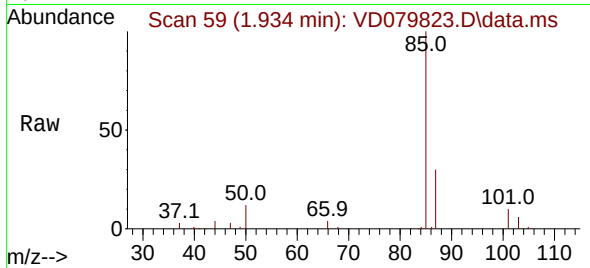




#2
 Dichlorodifluoromethane
 Concen: 21.550 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079823.D
 Acq: 12 Sep 2024 09:43

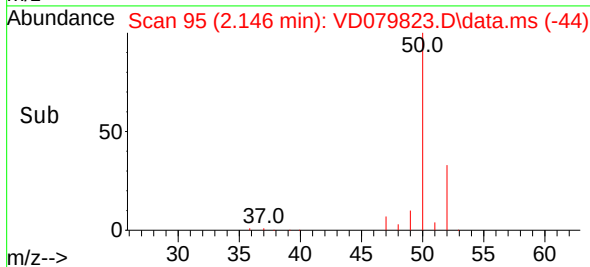
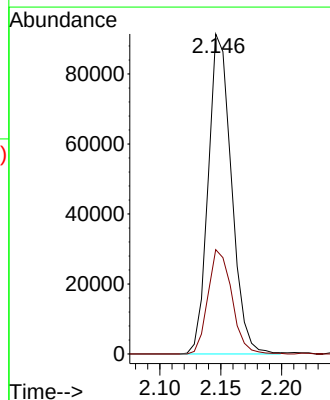
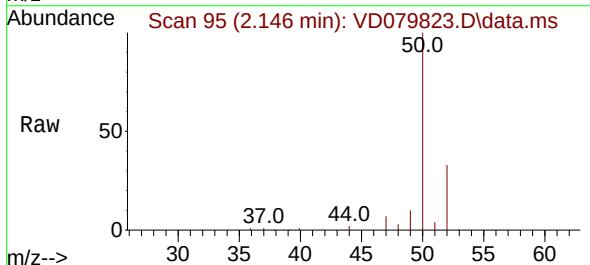
Instrument :
 MSVOA_D
 ClientSampleId :

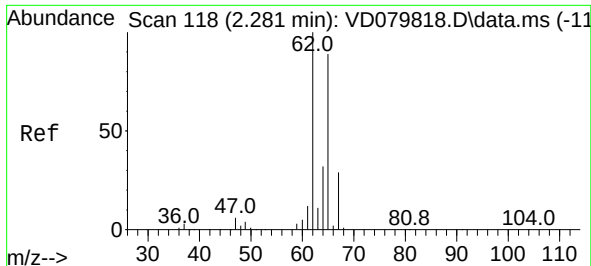
Tgt Ion: 85 Resp: 70506
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.0 37.6



#3
 Chloromethane
 Concen: 21.164 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079823.D
 Acq: 12 Sep 2024 09:43

Tgt Ion: 50 Resp: 121384
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.4 41.6

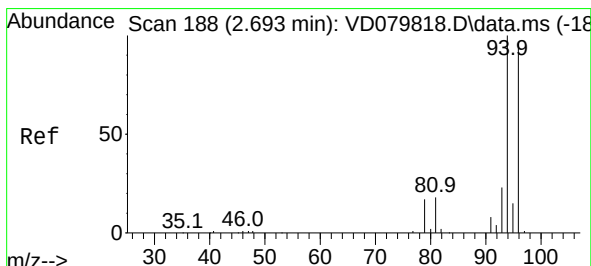
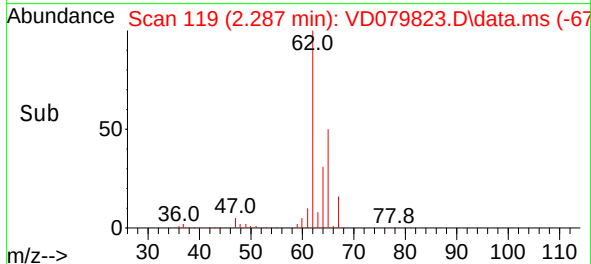
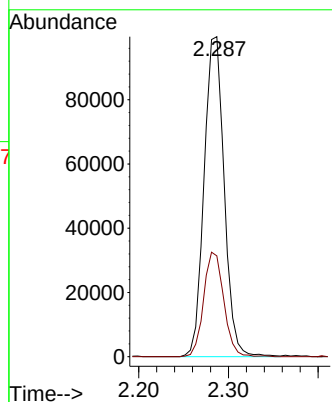
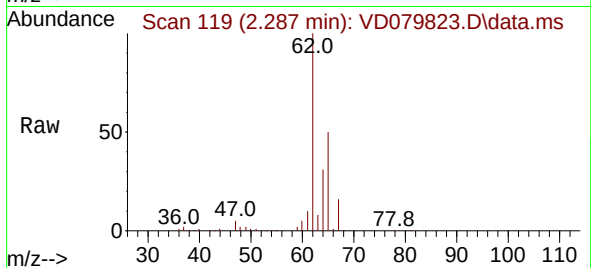




#5
Vinyl chloride
Concen: 22.042 ug/L
RT: 2.287 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

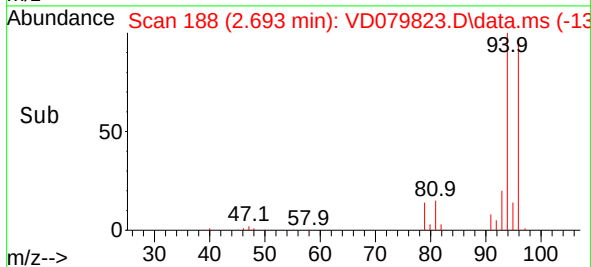
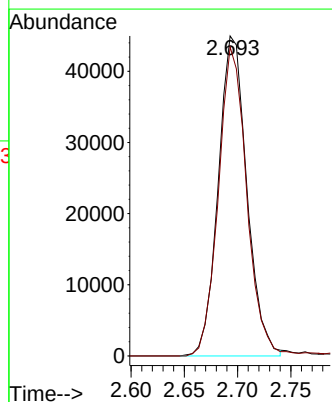
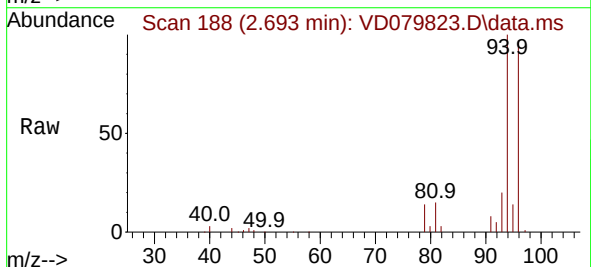
Instrument :
MSVOA_D
ClientSampleId :

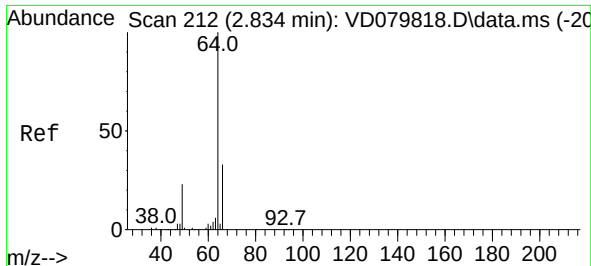
Tgt Ion: 62 Resp: 154915
Ion Ratio Lower Upper
62 100
64 31.5 22.6 42.0



#6
Bromomethane
Concen: 23.723 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 94 Resp: 83950
Ion Ratio Lower Upper
94 100
96 96.6 64.3 119.5





#8

Chloroethane

Concen: 22.278 ug/L

RT: 2.840 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

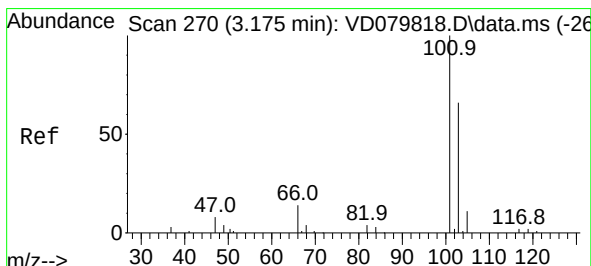
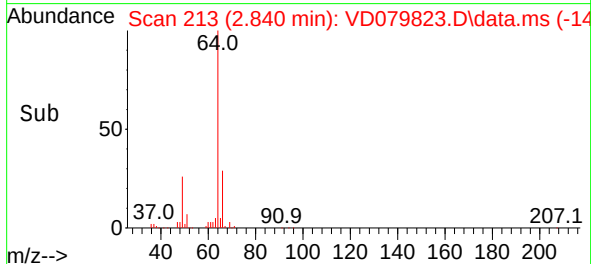
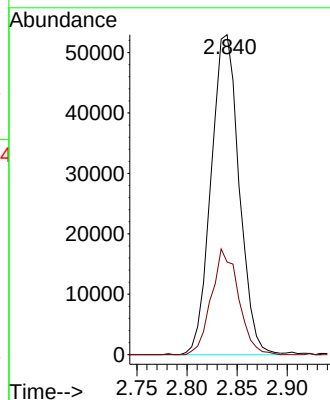
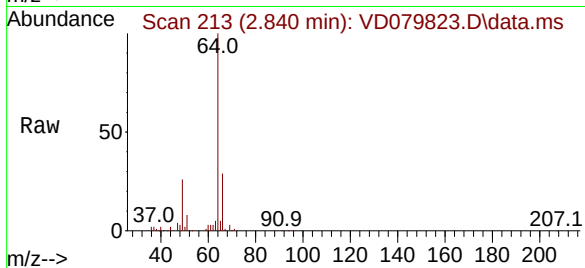
ClientSampleId :

Tgt Ion: 64 Resp: 103441

Ion Ratio Lower Upper

64 100

66 29.0 21.3 39.6



#9

Trichlorofluoromethane

Concen: 22.687 ug/L

RT: 3.175 min Scan# 270

Delta R.T. -0.000 min

Lab File: VD079823.D

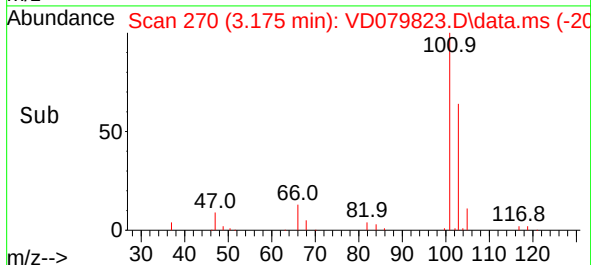
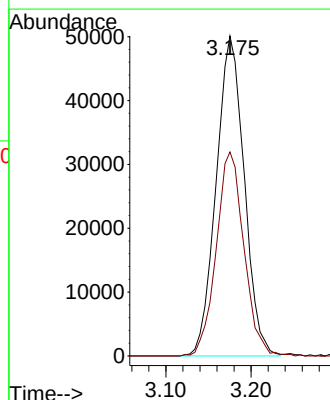
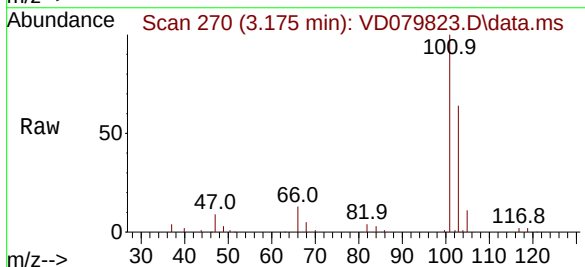
Acq: 12 Sep 2024 09:43

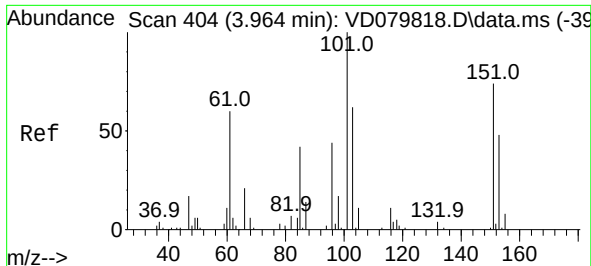
Tgt Ion:101 Resp: 114642

Ion Ratio Lower Upper

101 100

103 62.5 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.725 ug/L

RT: 3.969 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

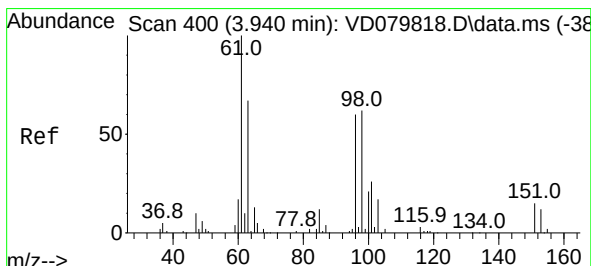
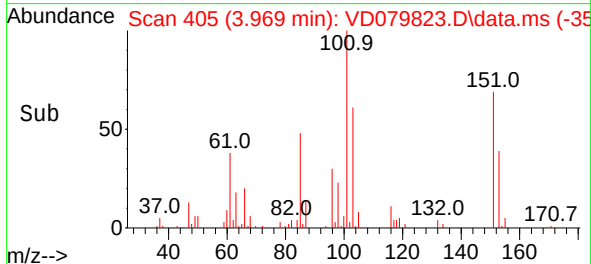
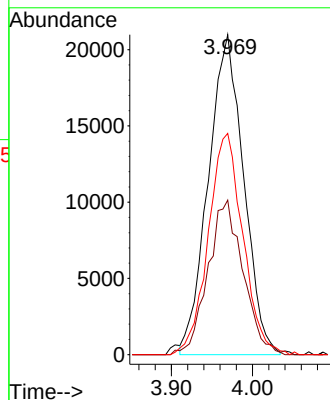
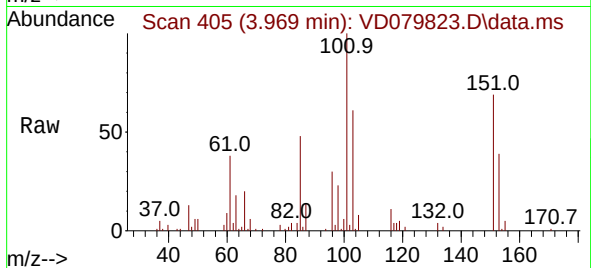
Tgt Ion:101 Resp: 63564

Ion Ratio Lower Upper

101 100

85 47.8 37.8 56.8

151 67.6 54.2 81.4



#12

1,1-Dichloroethene

Concen: 21.802 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

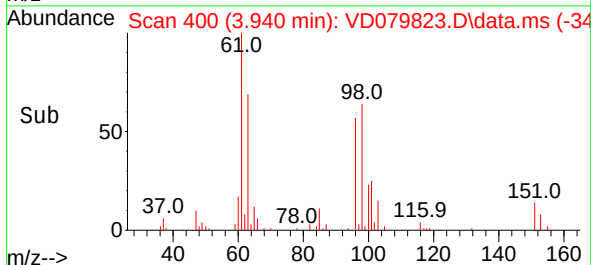
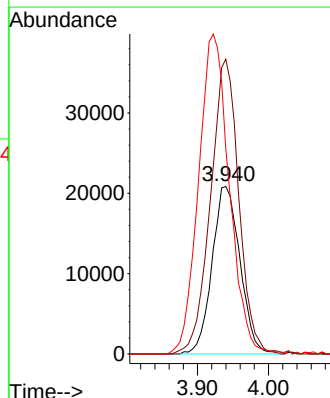
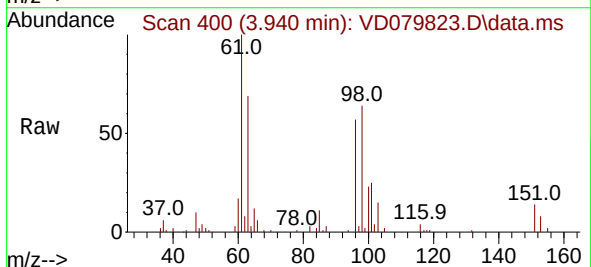
Tgt Ion: 96 Resp: 56798

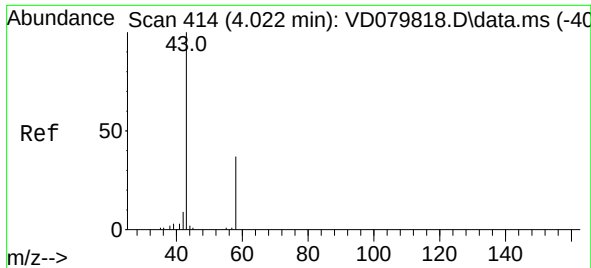
Ion Ratio Lower Upper

96 100

61 175.9 119.8 222.4

63 122.2 93.9 174.3





#13

Acetone

Concen: 55.683 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

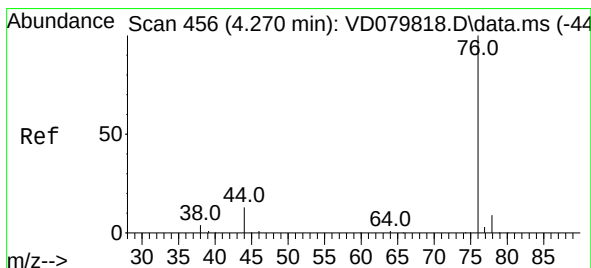
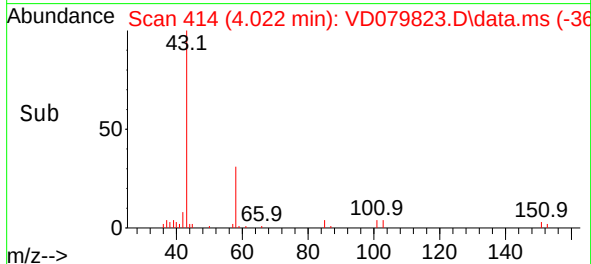
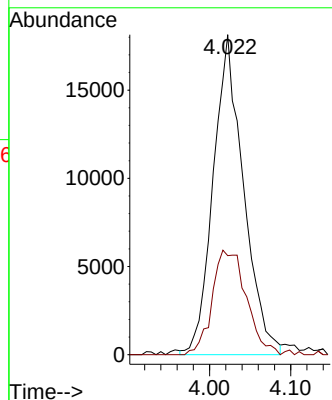
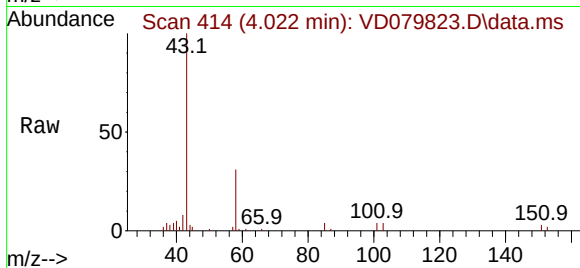
ClientSampleId :

Tgt Ion: 43 Resp: 47060

Ion Ratio Lower Upper

43 100

58 18.5 0.0 75.8



#14

Carbon disulfide

Concen: 22.100 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD079823.D

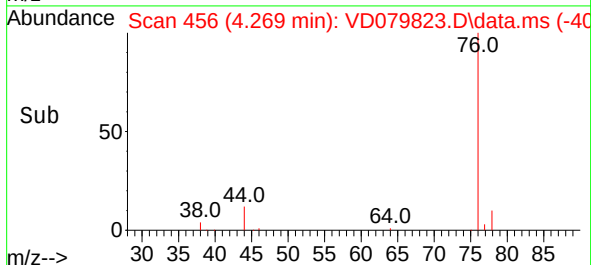
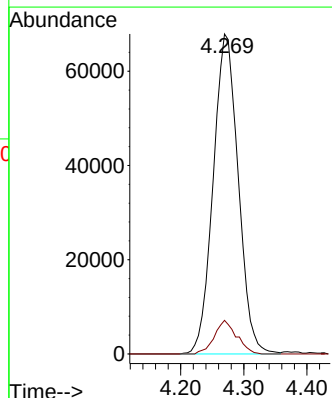
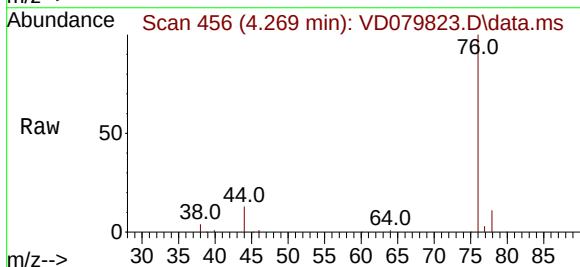
Acq: 12 Sep 2024 09:43

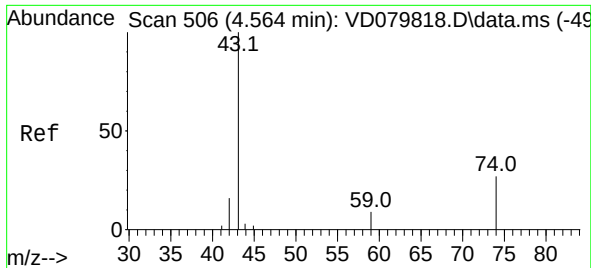
Tgt Ion: 76 Resp: 187284

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9

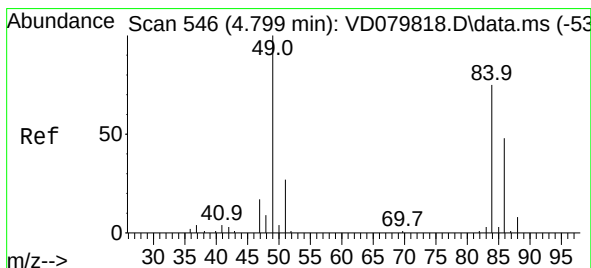
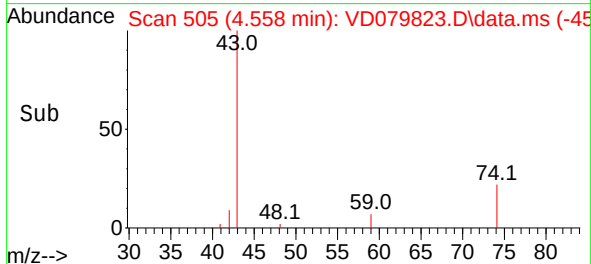
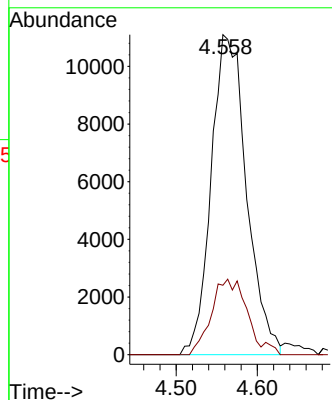
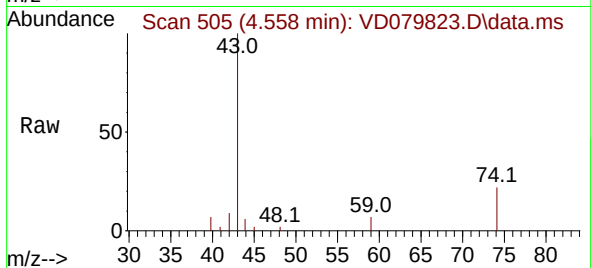




#15
Methyl Acetate
Concen: 24.892 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

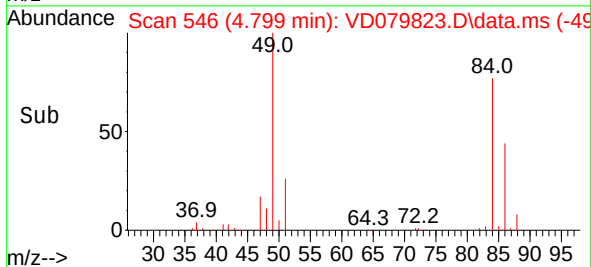
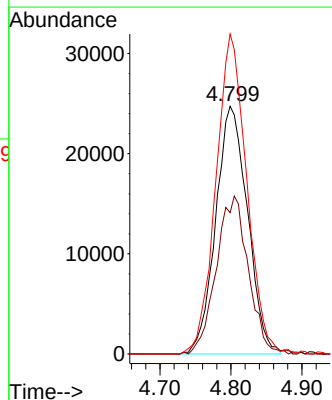
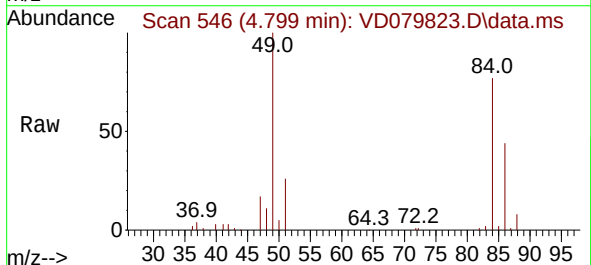
Instrument :
MSVOA_D
ClientSampleId :

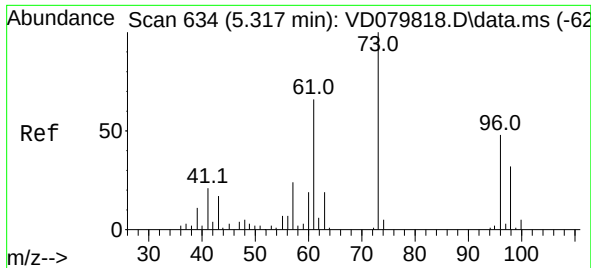
Tgt Ion: 43 Resp: 33510
Ion Ratio Lower Upper
43 100
74 23.0 11.9 17.9#



#16
Methylene chloride
Concen: 22.706 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 84 Resp: 76981
Ion Ratio Lower Upper
84 100
86 57.1 41.0 76.2
49 129.2 90.0 167.2

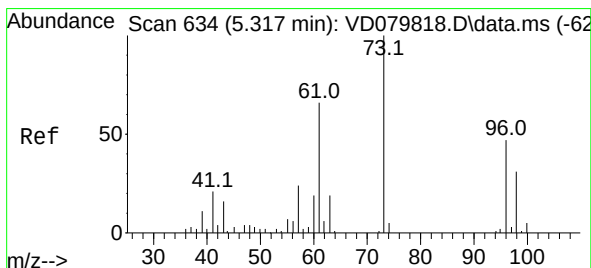
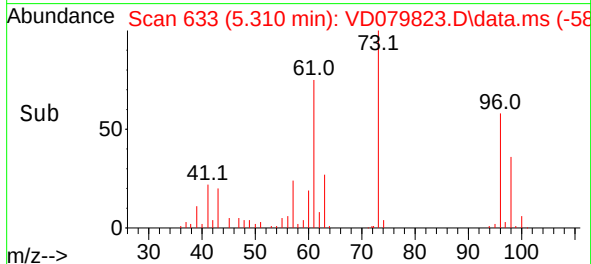
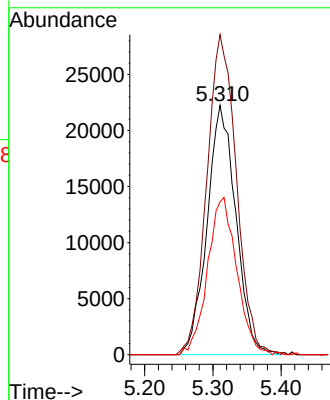
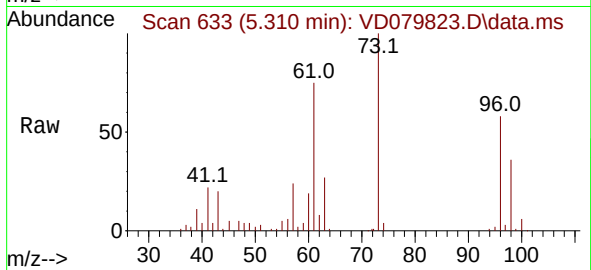




#17
trans-1,2-Dichloroethene
Concen: 23.520 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

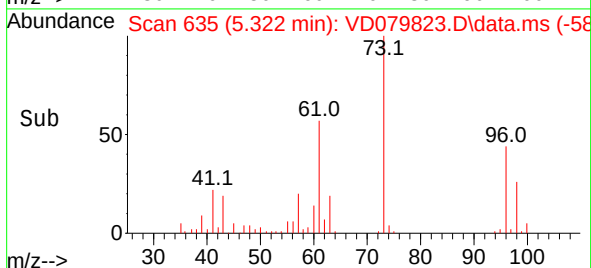
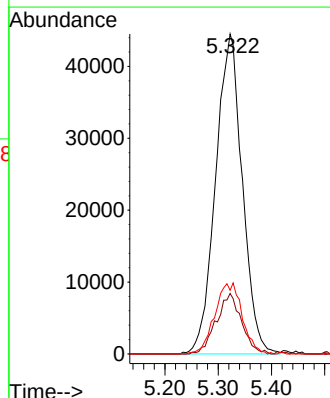
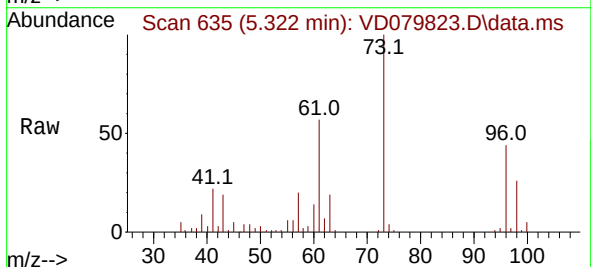
Instrument :
MSVOA_D
ClientSampleId :

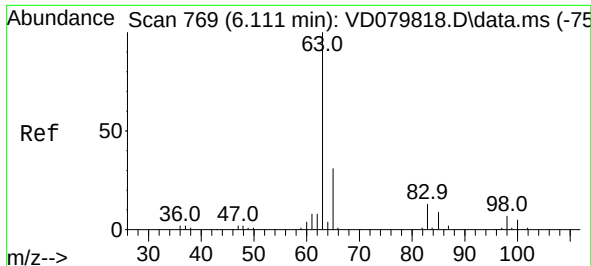
Tgt Ion: 96 Resp: 65335
Ion Ratio Lower Upper
96 100
61 128.4 88.7 164.7
98 61.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 24.803 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 73 Resp: 154996
Ion Ratio Lower Upper
73 100
43 17.6 14.5 21.7
57 13.5 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 23.843 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

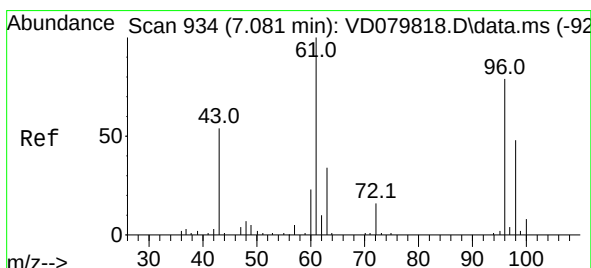
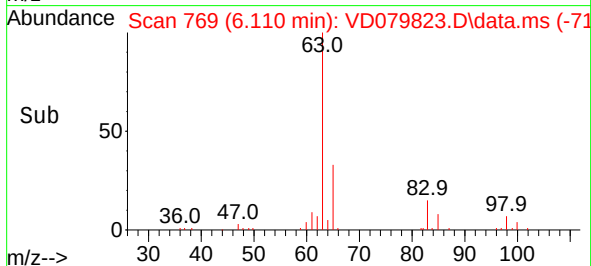
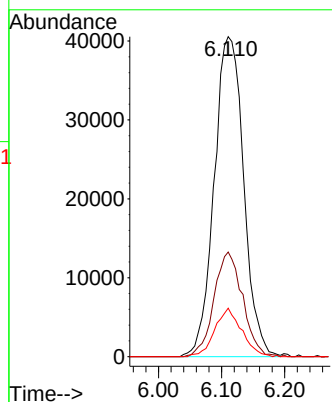
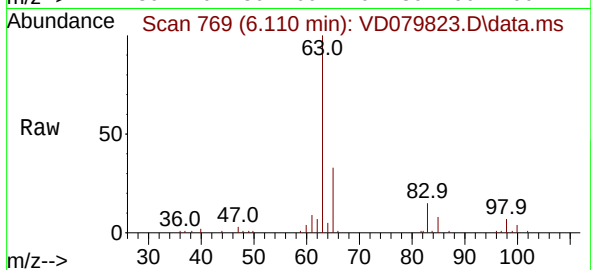
Tgt Ion: 63 Resp: 131559

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 15.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.883 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

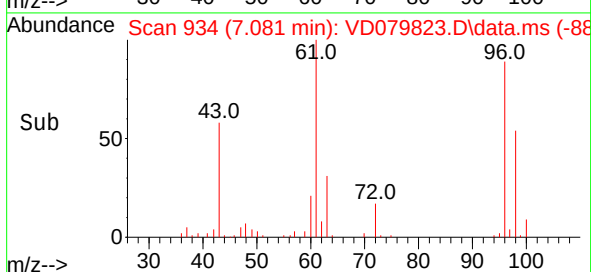
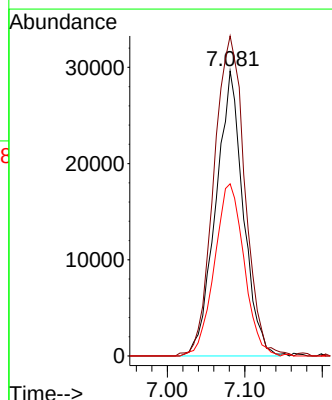
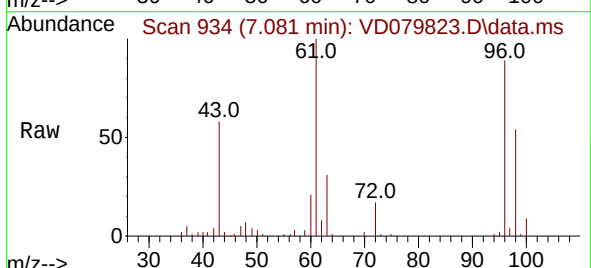
Tgt Ion: 96 Resp: 73048

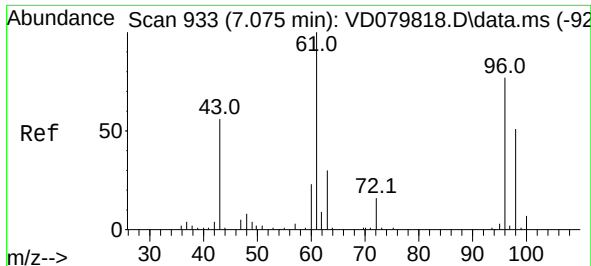
Ion Ratio Lower Upper

96 100

61 112.3 83.8 155.6

98 60.4 45.9 85.3





#22

2-Butanone

Concen: 53.601 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

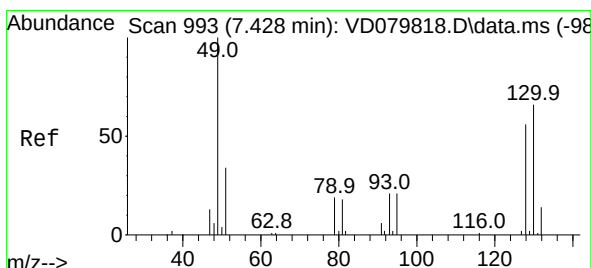
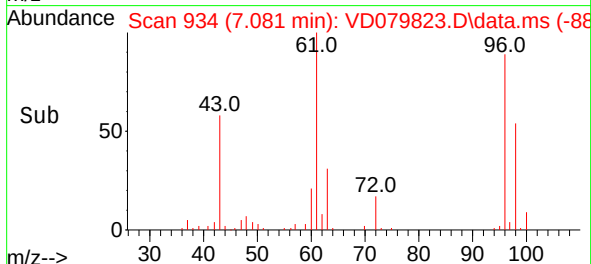
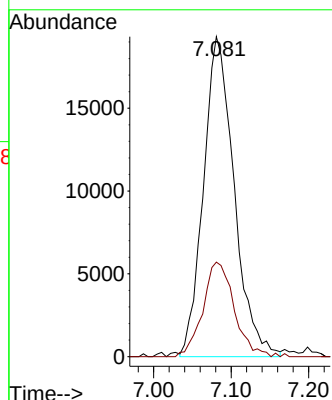
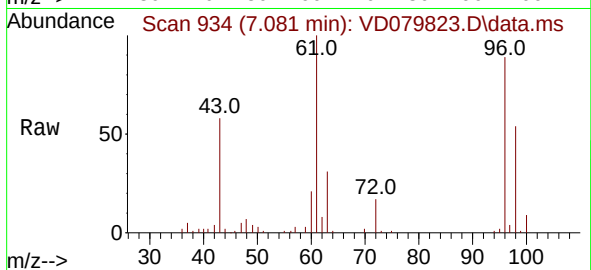
ClientSampleId :

Tgt Ion: 43 Resp: 53140

Ion Ratio Lower Upper

43 100

72 29.3 13.1 39.3



#23

Bromochloromethane

Concen: 24.633 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Tgt Ion: 128 Resp: 31976

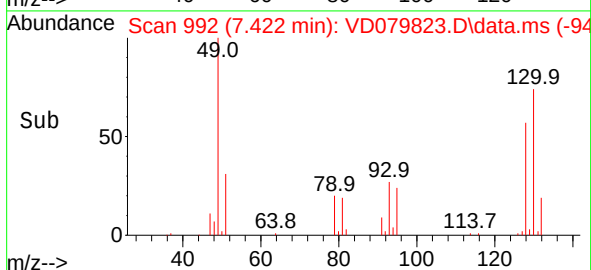
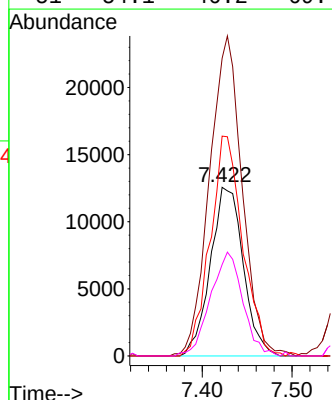
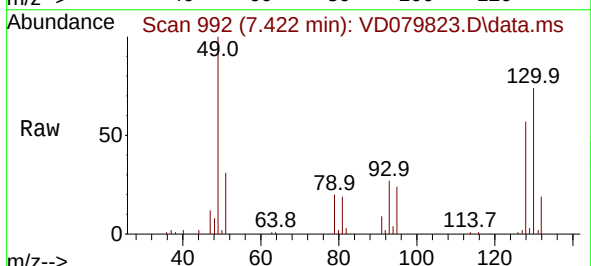
Ion Ratio Lower Upper

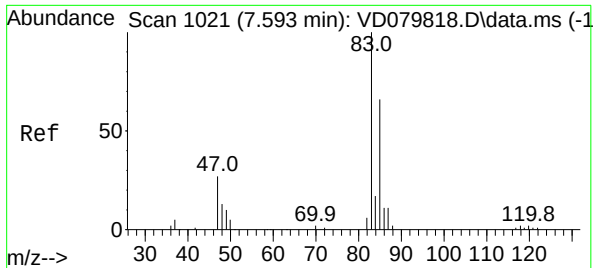
128 100

49 176.4 132.3 245.7

130 130.3 89.4 166.0

51 54.1 46.2 69.4





#25

Chloroform

Concen: 24.749 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

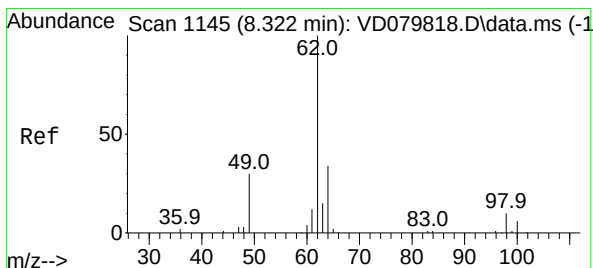
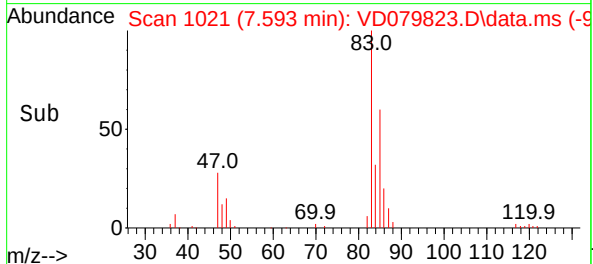
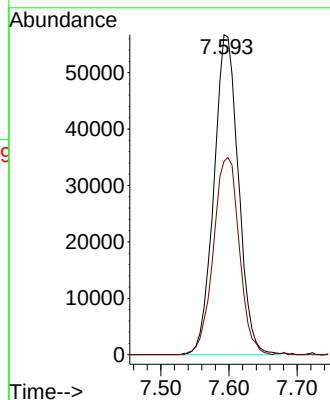
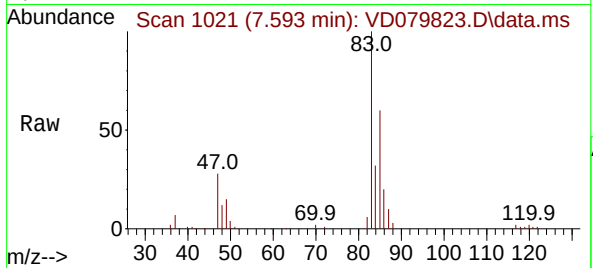
ClientSampleId :

Tgt Ion: 83 Resp: 142149

Ion Ratio Lower Upper

83 100

85 60.4 47.3 87.9



#27

1,2-Dichloroethane

Concen: 25.443 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD079823.D

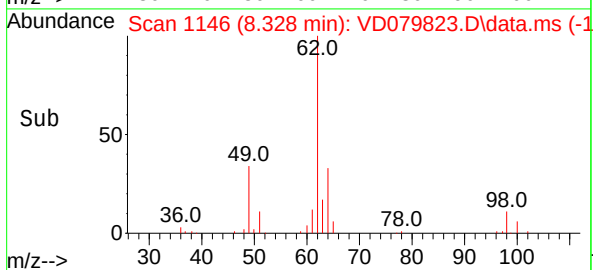
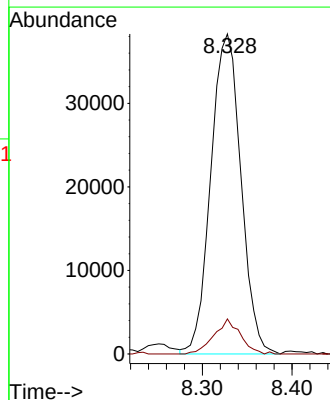
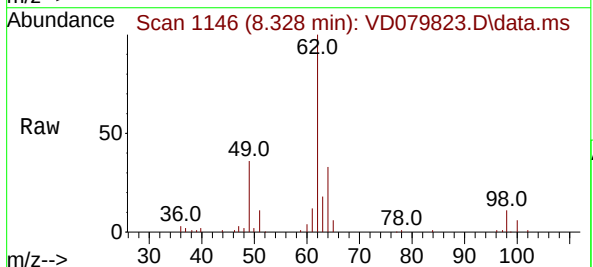
Acq: 12 Sep 2024 09:43

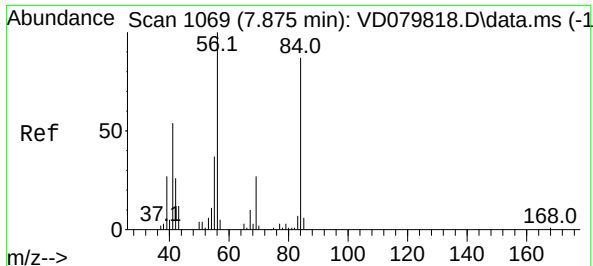
Tgt Ion: 62 Resp: 89316

Ion Ratio Lower Upper

62 100

98 11.3 7.5 11.3#

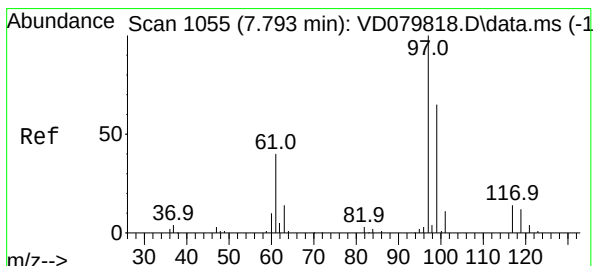
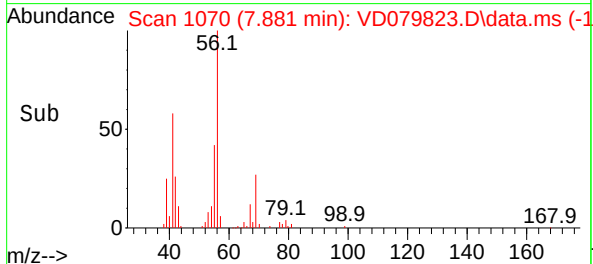
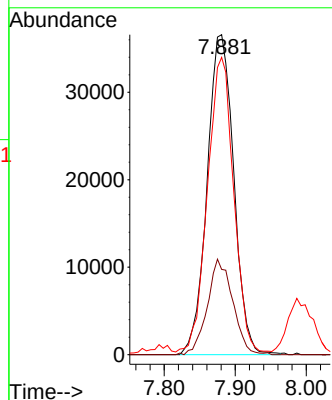
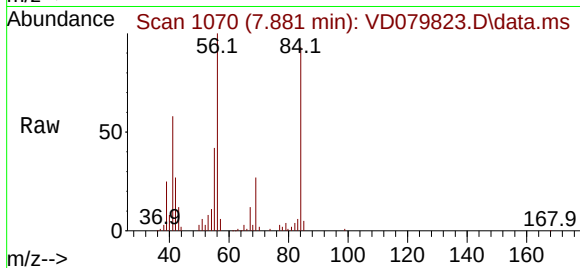




#29
Cyclohexane
Concen: 22.634 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

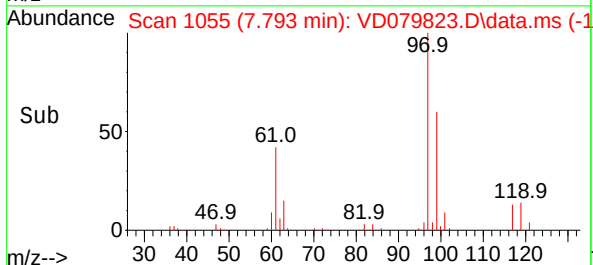
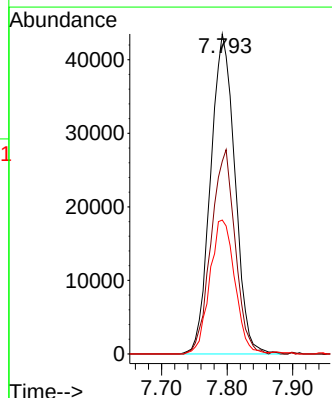
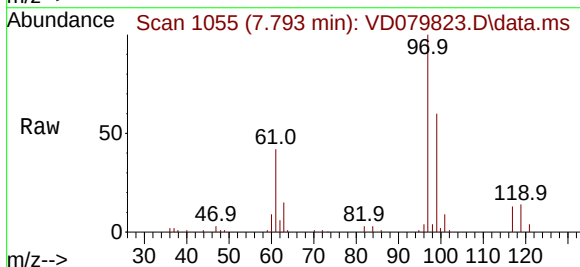
Instrument :
MSVOA_D
ClientSampleId :

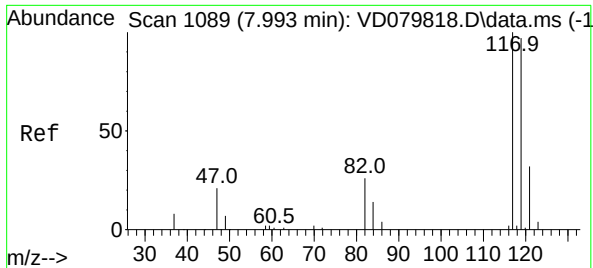
Tgt Ion: 56 Resp: 95406
Ion Ratio Lower Upper
56 100
69 28.3 22.8 34.2
84 91.5 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 24.143 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 97 Resp: 112146
Ion Ratio Lower Upper
97 100
99 63.1 51.9 77.9
61 43.1 35.4 53.2

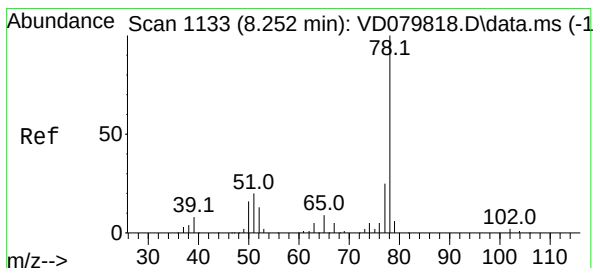
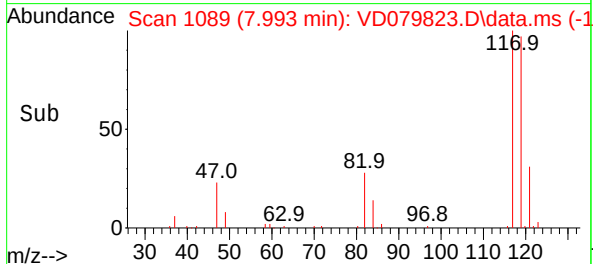
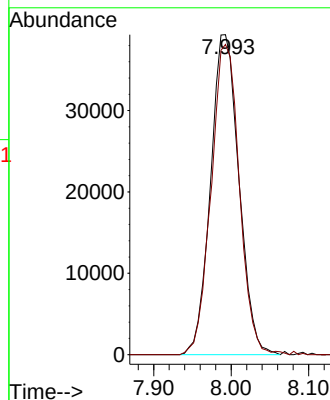
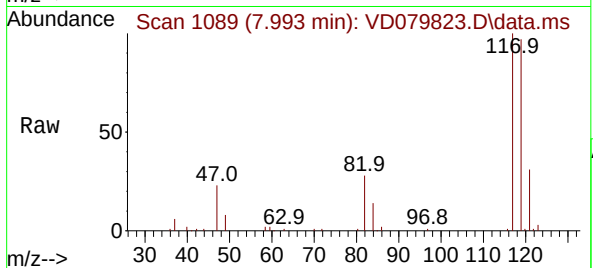




#31
Carbon tetrachloride
Concen: 24.328 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

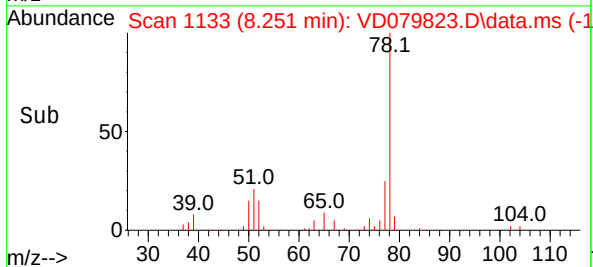
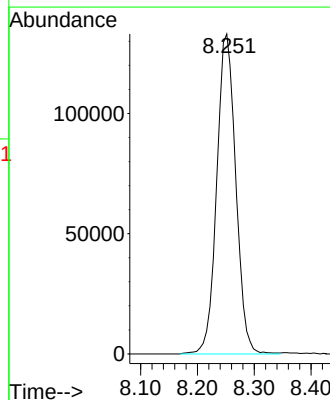
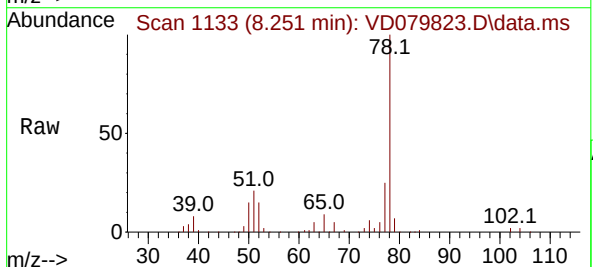
Instrument :
MSVOA_D
ClientSampleId :

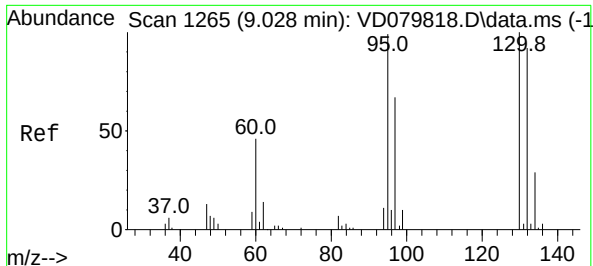
Tgt Ion:117 Resp: 100122
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 24.465 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 78 Resp: 310446





#34

Trichloroethene

Concen: 23.313 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

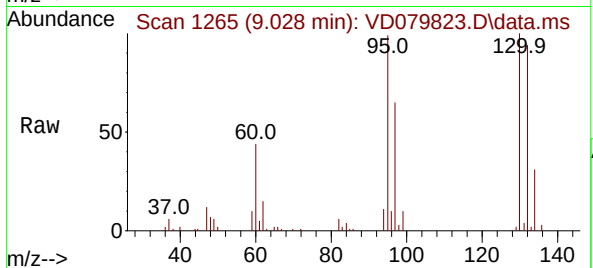
Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 68355

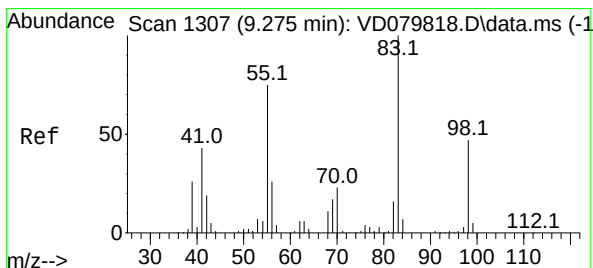
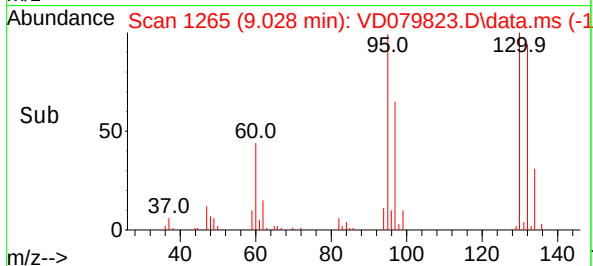
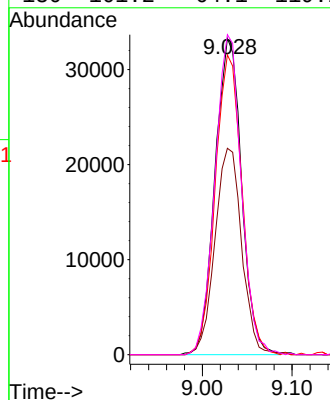
Ion Ratio Lower Upper

95 100

97 65.3 43.5 80.7

132 94.8 64.5 119.7

130 101.2 64.1 119.1



#35

Methylcyclohexane

Concen: 23.389 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

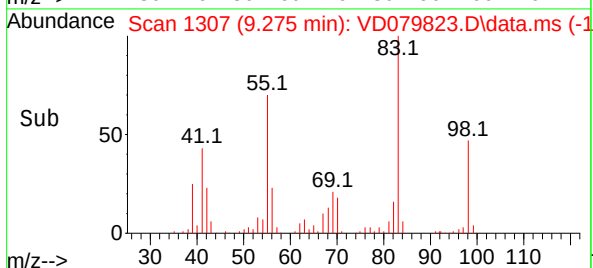
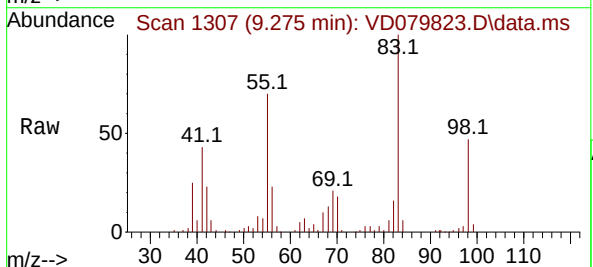
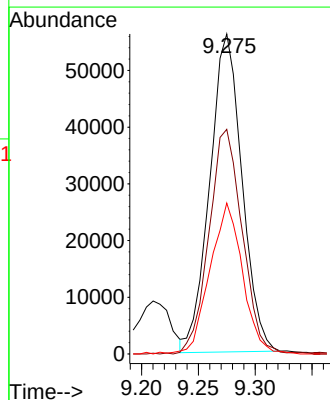
Tgt Ion: 83 Resp: 110667

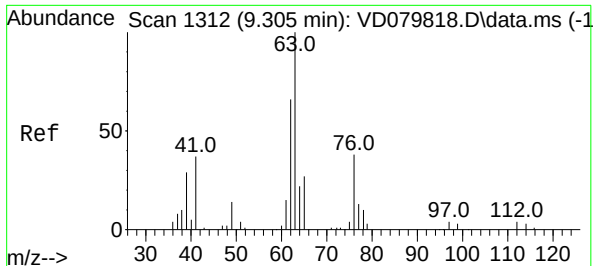
Ion Ratio Lower Upper

83 100

55 72.7 58.9 88.3

98 48.0 38.6 58.0





#37

1,2-Dichloropropane

Concen: 24.531 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

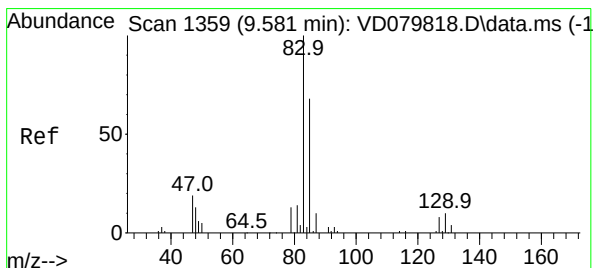
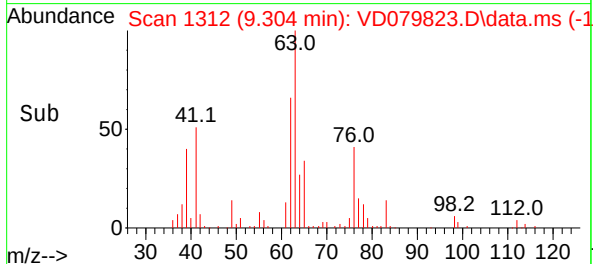
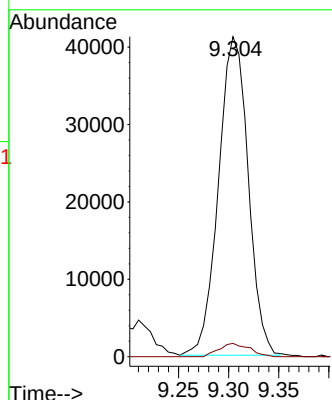
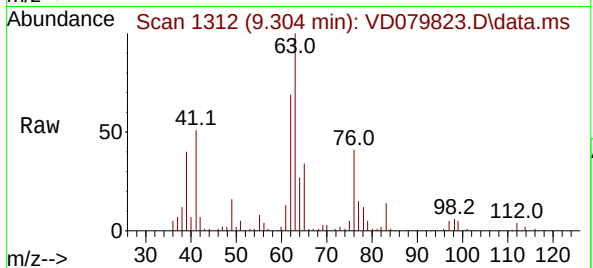
ClientSampleId :

Tgt Ion: 63 Resp: 84889

Ion Ratio Lower Upper

63 100

112 4.3 0.0 0.0#



#38

Bromodichloromethane

Concen: 24.568 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

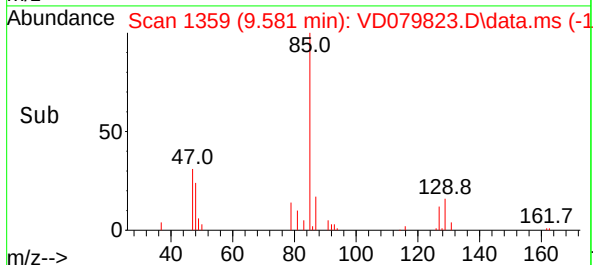
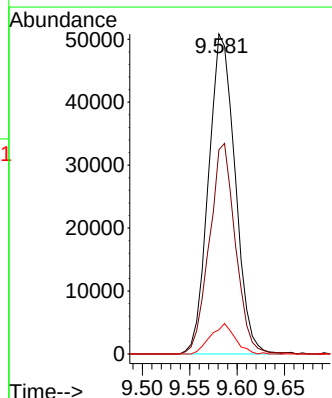
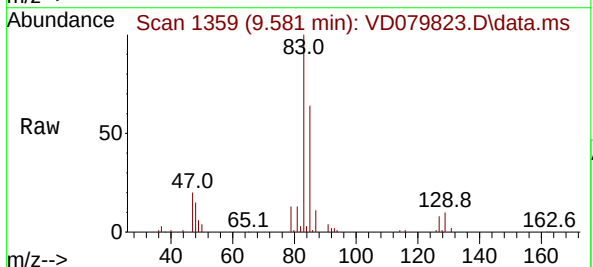
Tgt Ion: 83 Resp: 99063

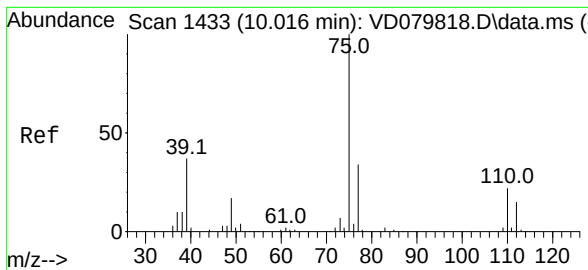
Ion Ratio Lower Upper

83 100

85 63.8 45.9 85.3

127 7.6 6.7 10.1

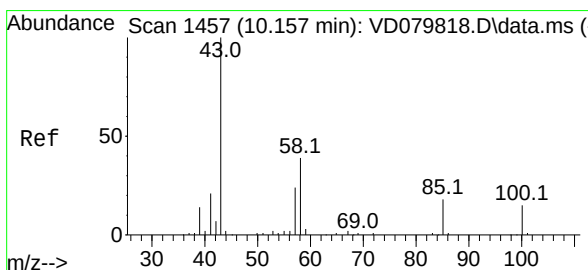
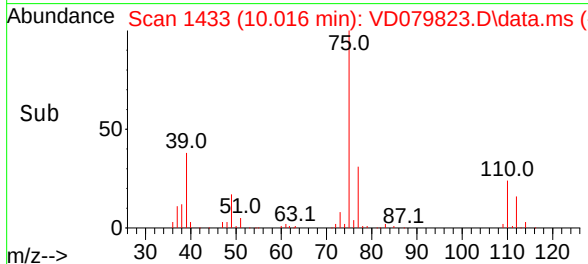
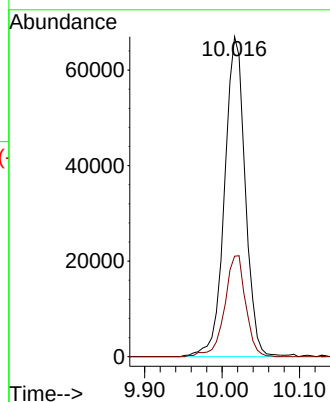
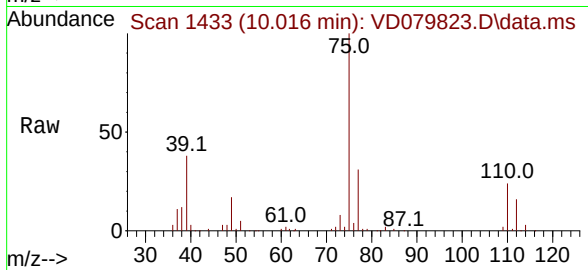




#39
cis-1,3-Dichloropropene
Concen: 25.554 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

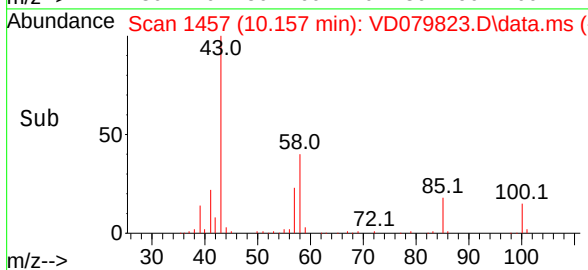
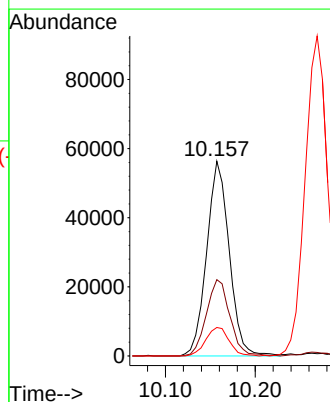
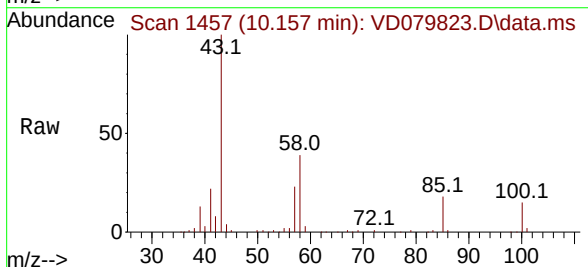
Instrument :
MSVOA_D
ClientSampleId :

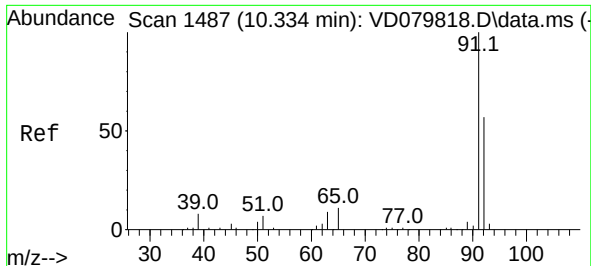
Tgt Ion: 75 Resp: 124179
Ion Ratio Lower Upper
75 100
77 31.4 24.1 44.8



#40
4-Methyl-2-pentanone
Concen: 54.413 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 43 Resp: 98567
Ion Ratio Lower Upper
43 100
58 40.6 31.1 46.7
100 15.1 11.8 17.6





#42

Toluene

Concen: 25.322 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

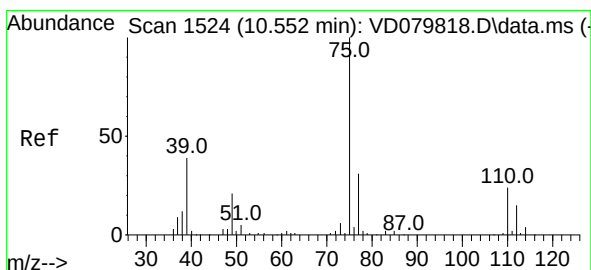
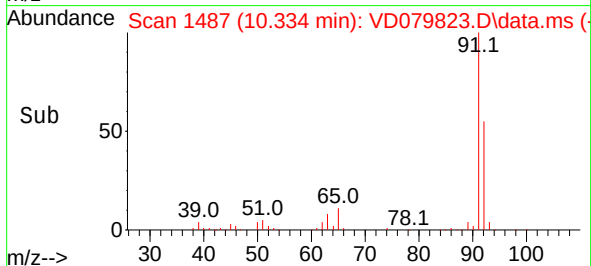
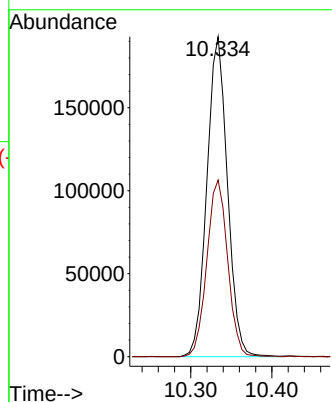
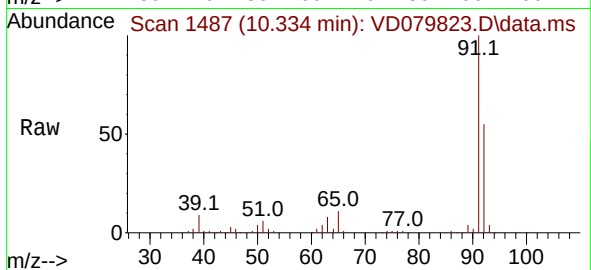
ClientSampleId :

Tgt Ion: 91 Resp: 338451

Ion Ratio Lower Upper

91 100

92 55.2 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.983 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079823.D

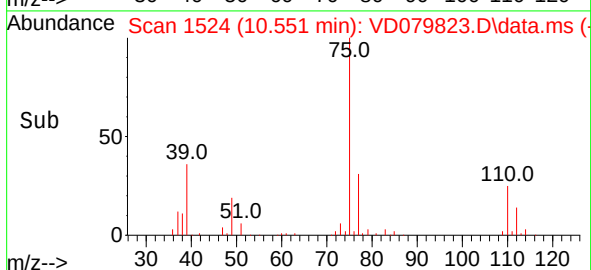
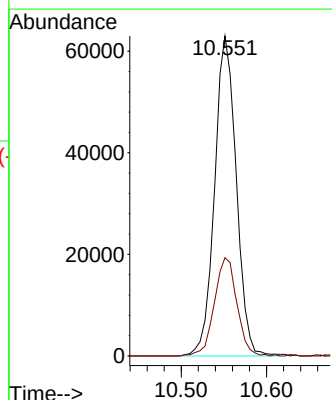
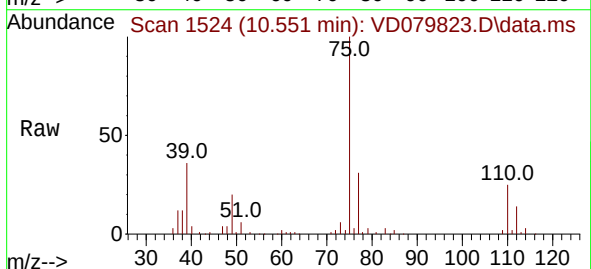
Acq: 12 Sep 2024 09:43

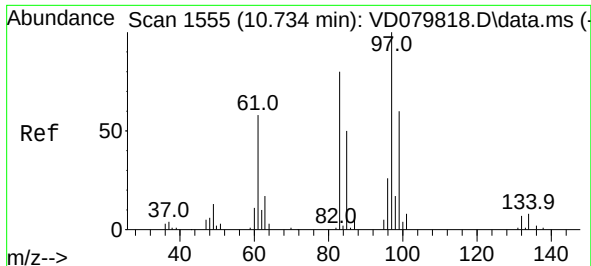
Tgt Ion: 75 Resp: 111274

Ion Ratio Lower Upper

75 100

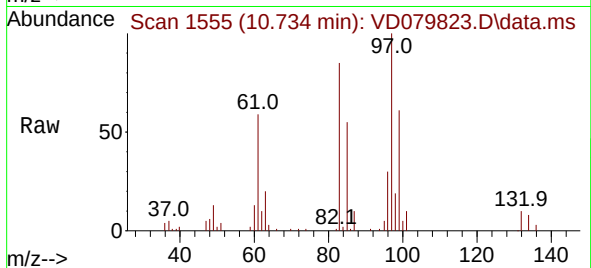
77 30.7 21.8 40.4



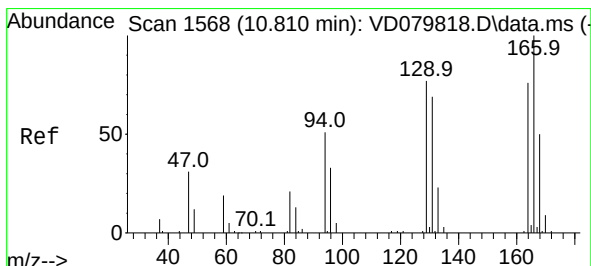
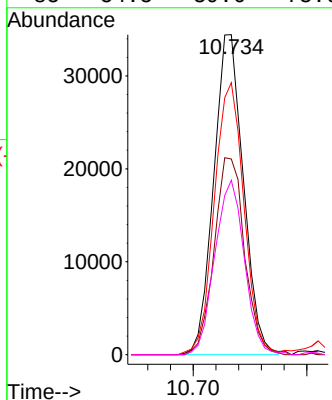
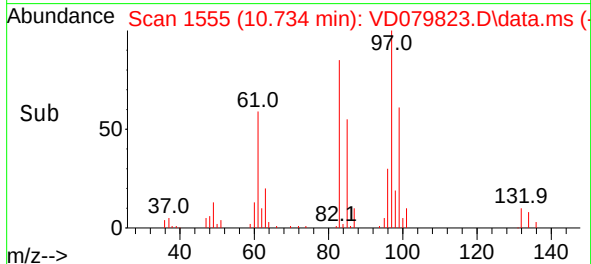


#45
1,1,2-Trichloroethane
Concen: 26.396 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

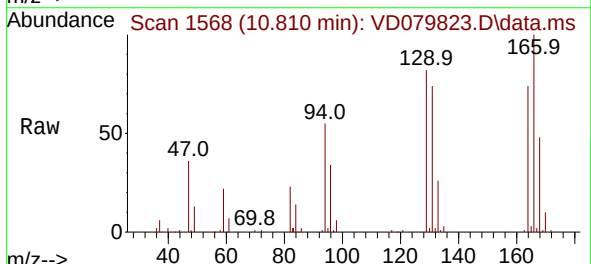
Instrument :
MSVOA_D
ClientSampleId :



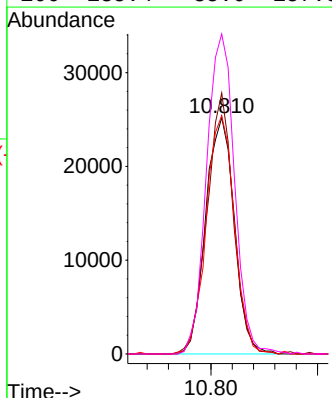
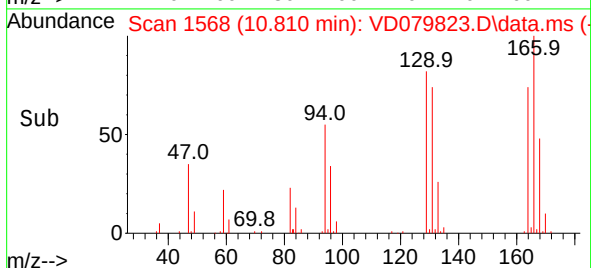
Tgt Ion:	97	Resp:	62406
Ion	Ratio	Lower	Upper
97	100		
99	61.2	45.1	83.7
83	85.0	65.2	121.0
85	54.5	39.6	73.6

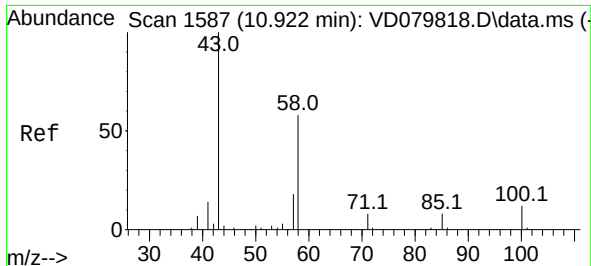


#46
Tetrachloroethene
Concen: 23.659 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43



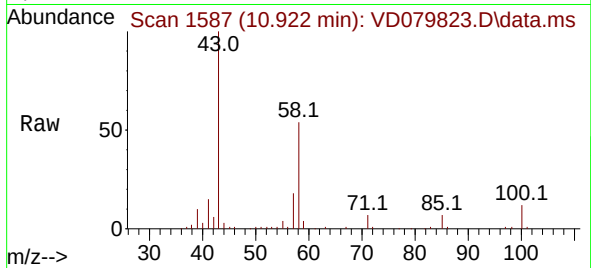
Tgt Ion:	164	Resp:	47095
Ion	Ratio	Lower	Upper
164	100		
129	110.4	68.7	127.5
131	100.9	62.5	116.1
166	135.4	85.0	157.8



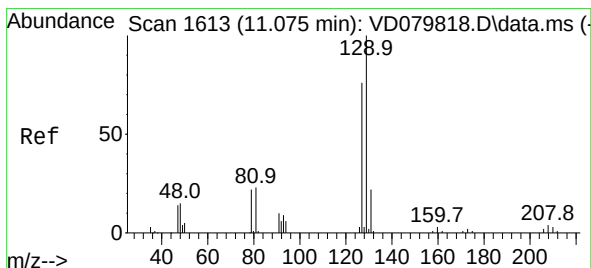
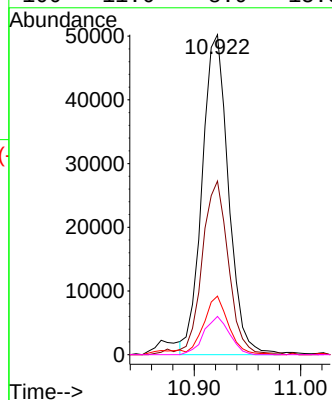
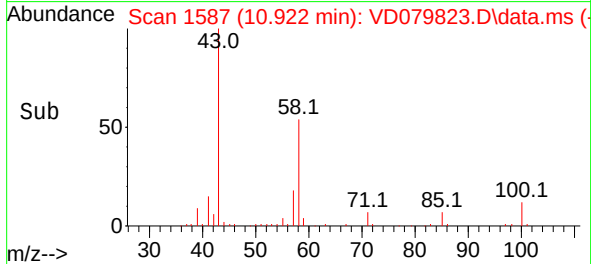


#48
2-Hexanone
Concen: 58.747 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Instrument :
MSVOA_D
ClientSampleId :

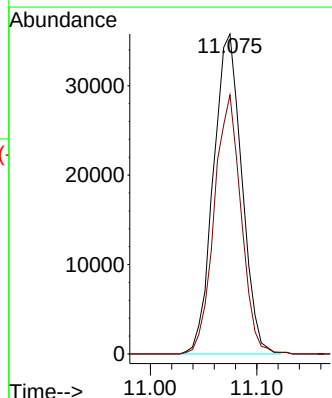
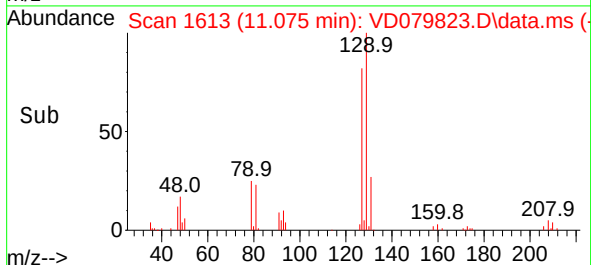
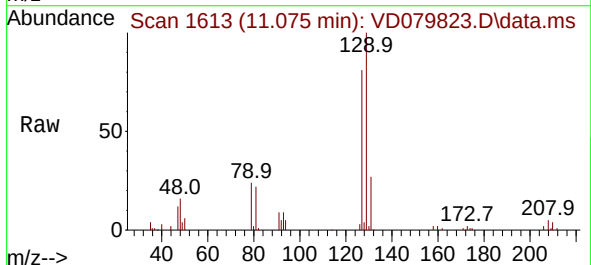


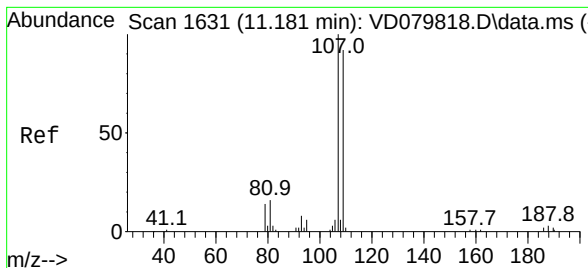
Tgt Ion: 43 Resp: 86563
Ion Ratio Lower Upper
43 100
58 53.9 44.7 67.1
57 16.4 13.6 20.4
100 11.6 8.9 13.3



#49
Dibromochloromethane
Concen: 25.749 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion: 129 Resp: 66449
Ion Ratio Lower Upper
129 100
127 80.9 55.2 102.6





#50

1,2-Dibromoethane

Concen: 25.620 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

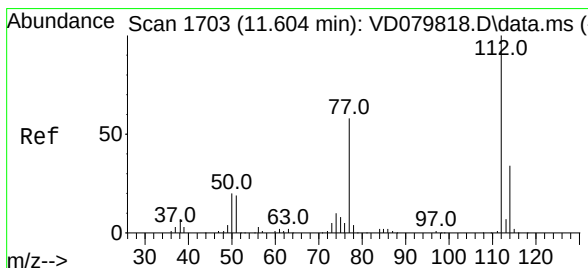
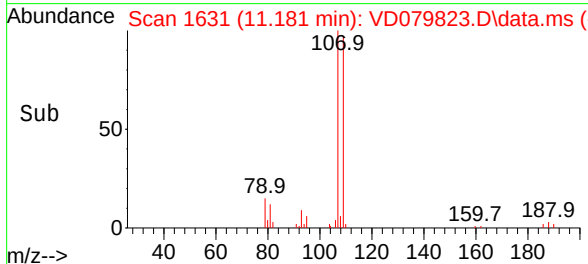
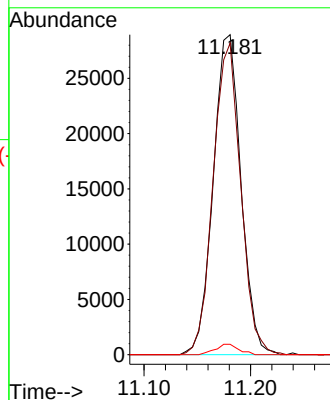
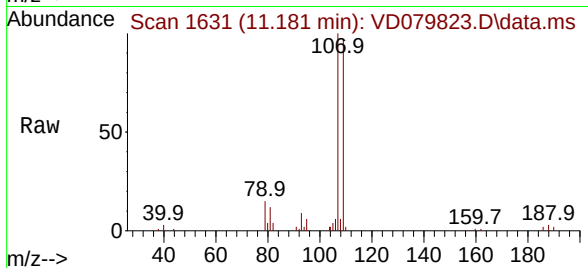
Tgt Ion:107 Resp: 52318

Ion Ratio Lower Upper

107 100

109 97.4 61.5 114.1

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 24.551 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

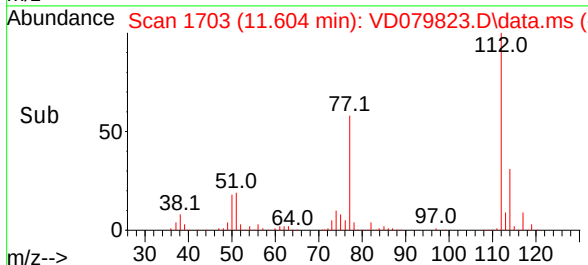
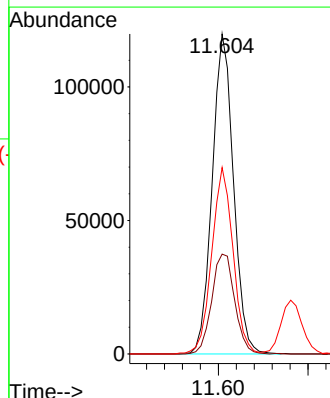
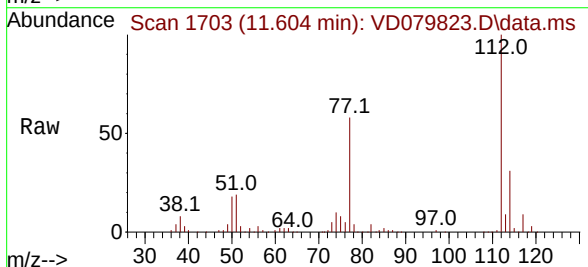
Tgt Ion:112 Resp: 196932

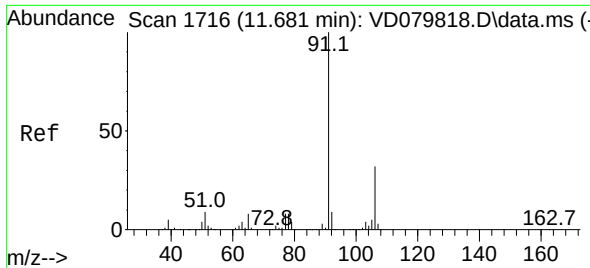
Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 58.3 46.7 70.1

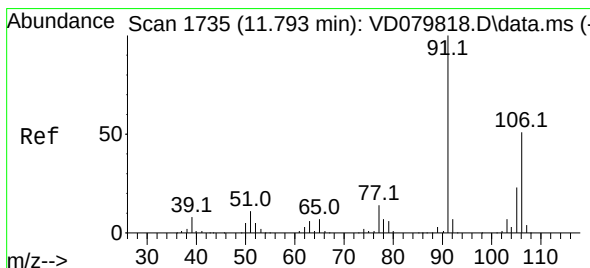
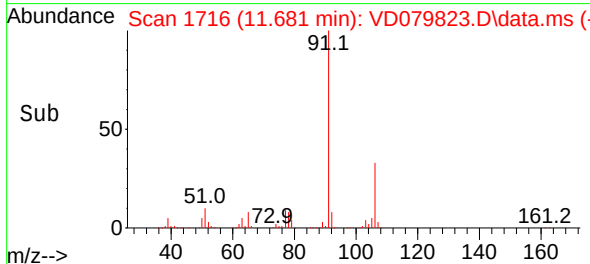
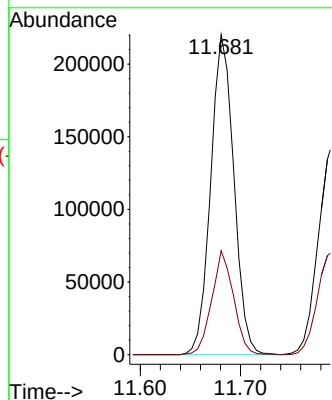
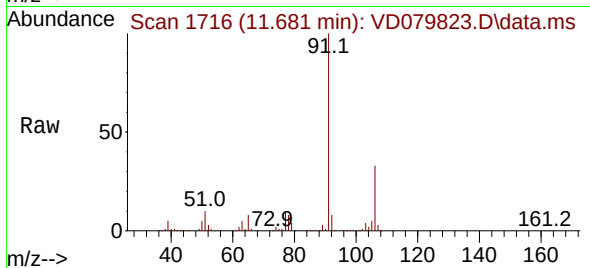




#52
Ethylbenzene
Concen: 25.192 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

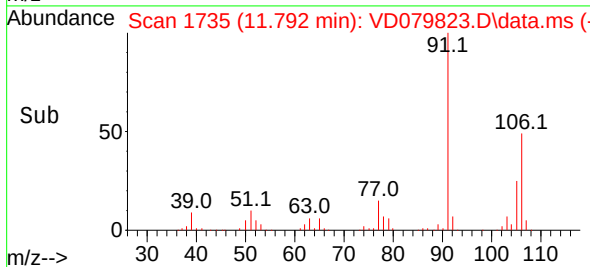
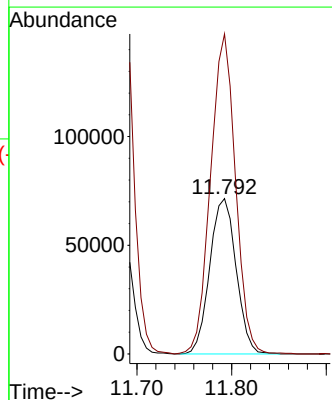
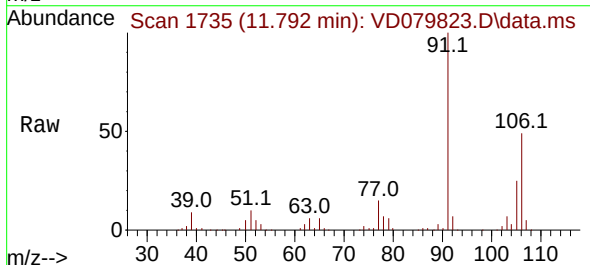
Instrument :
MSVOA_D
ClientSampleId :

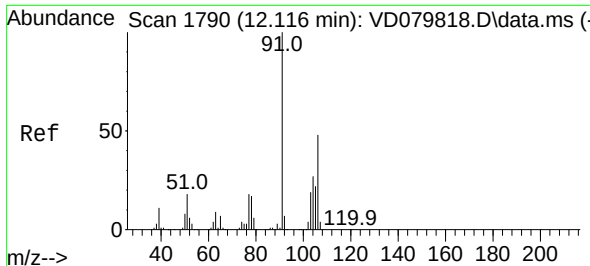
Tgt Ion: 91 Resp: 353732
Ion Ratio Lower Upper
91 100
106 32.5 21.3 39.5



#53
m,p-Xylene
Concen: 25.958 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion:106 Resp: 138052
Ion Ratio Lower Upper
106 100
91 206.0 138.3 256.9

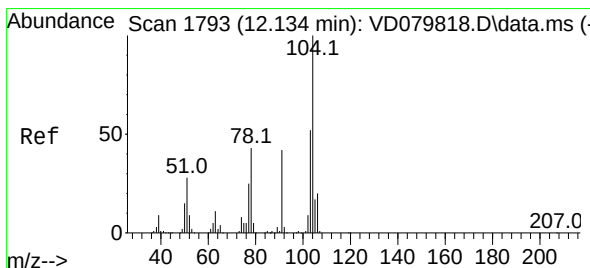
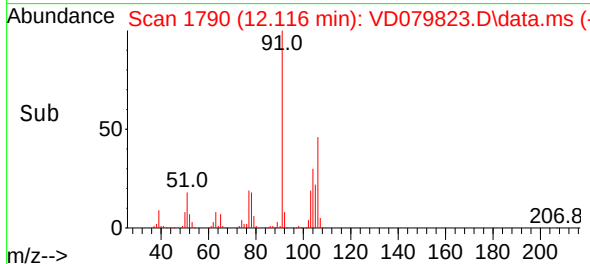
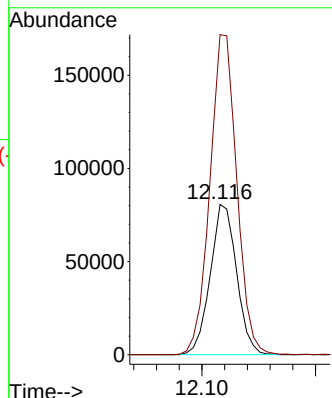
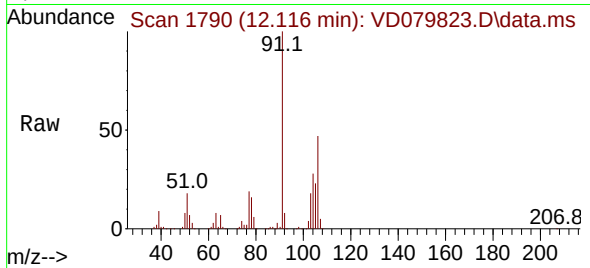




#54
o-Xylene
Concen: 24.923 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

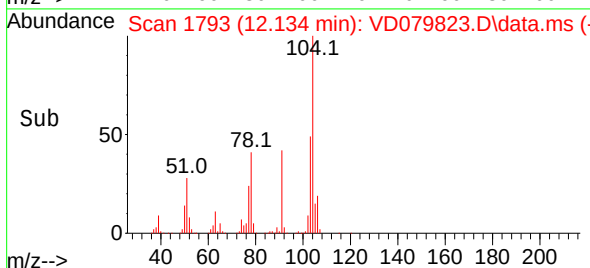
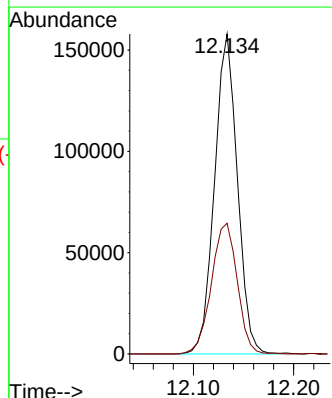
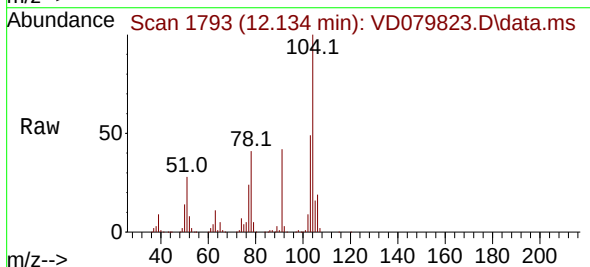
Instrument :
MSVOA_D
ClientSampleId :

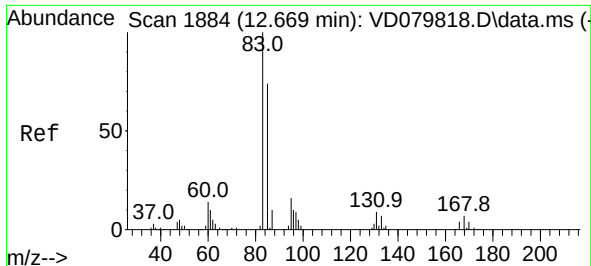
Tgt Ion:106 Resp: 129965
Ion Ratio Lower Upper
106 100
91 213.0 152.6 283.4



#55
Styrene
Concen: 27.246 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion:104 Resp: 249702
Ion Ratio Lower Upper
104 100
78 40.9 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.732 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079823.D

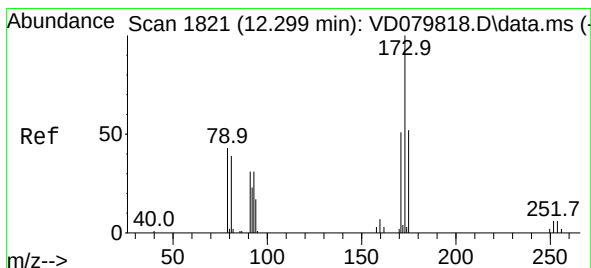
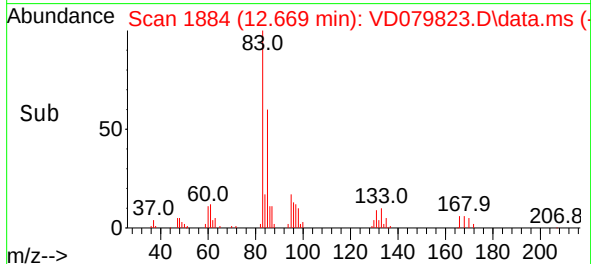
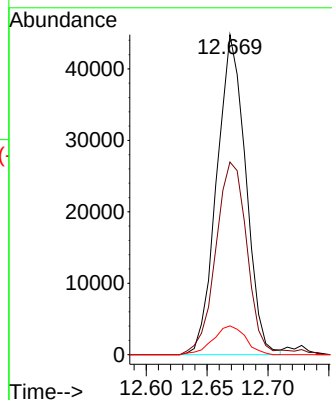
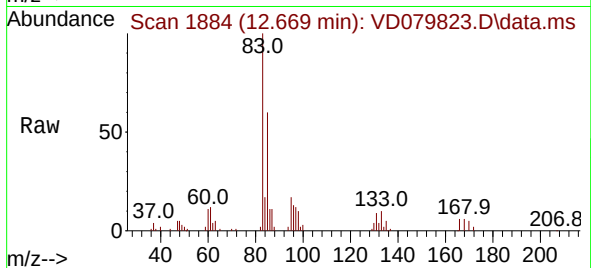
Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	74084
Ion	Ratio	Lower	Upper
83	100		
85	60.2	46.8	87.0
131	9.0	6.5	9.7



#59

Bromoform

Concen: 25.663 ug/L

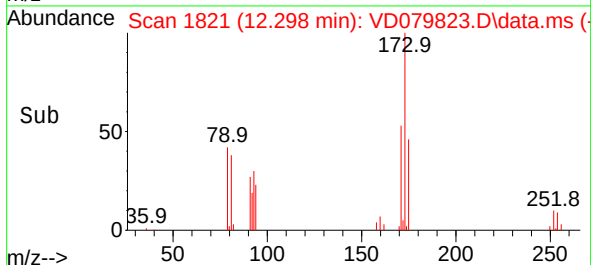
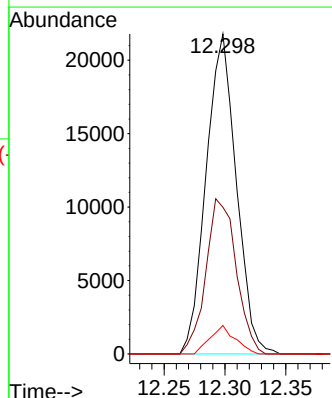
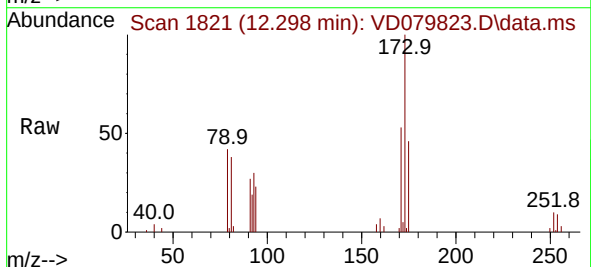
RT: 12.298 min Scan# 1821

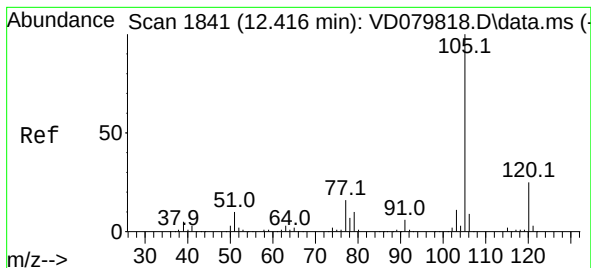
Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Tgt Ion:	173	Resp:	37489
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.2	58.8
254	7.3	5.5	8.3





#60

Isopropylbenzene

Concen: 23.936 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

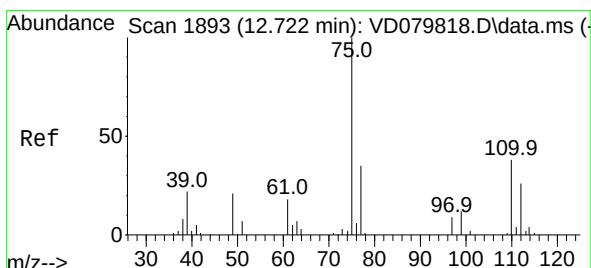
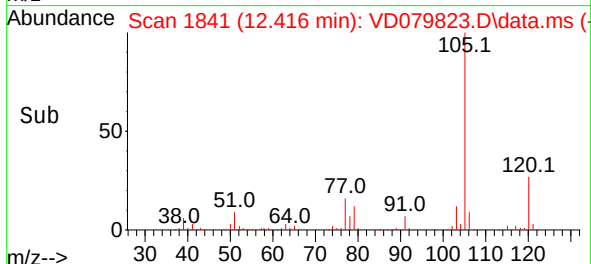
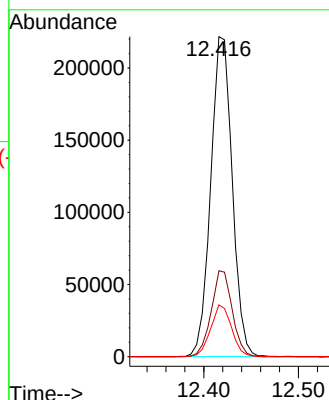
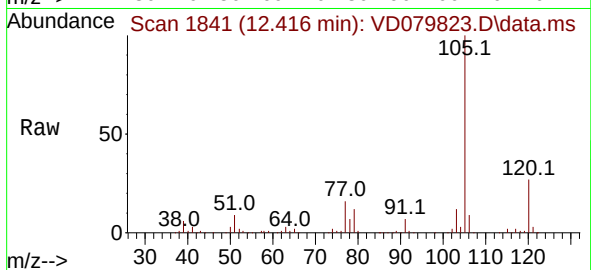
Tgt Ion:105 Resp: 349713

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.826 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

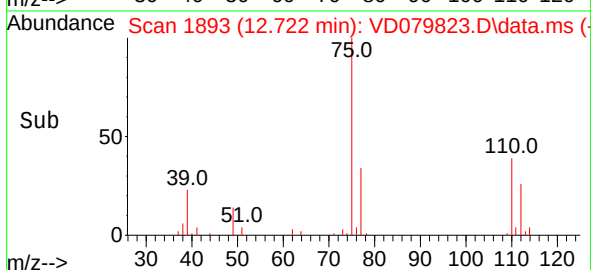
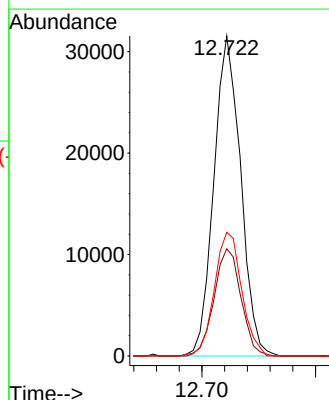
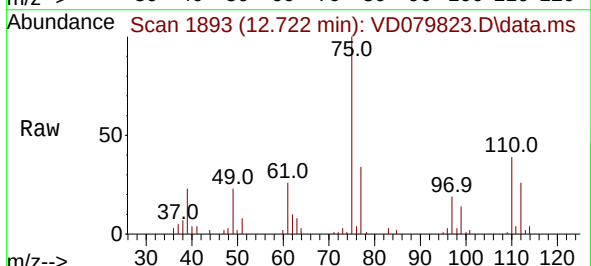
Tgt Ion: 75 Resp: 51640

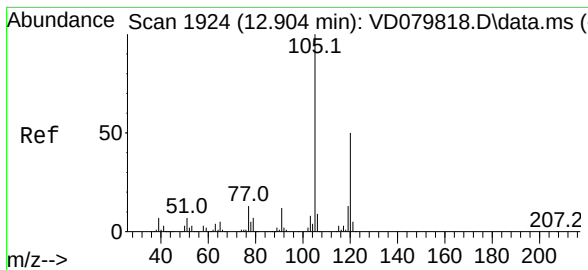
Ion Ratio Lower Upper

75 100

77 33.6 25.1 37.7

110 39.4 30.1 45.1

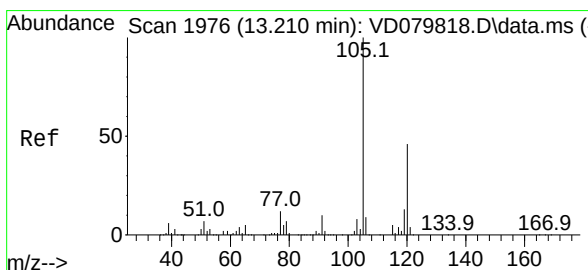
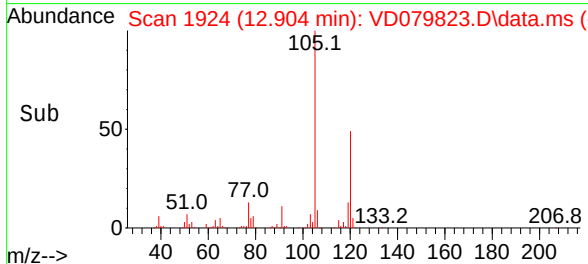
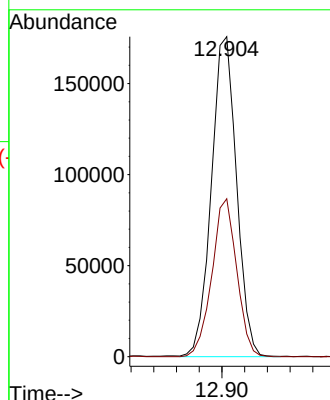
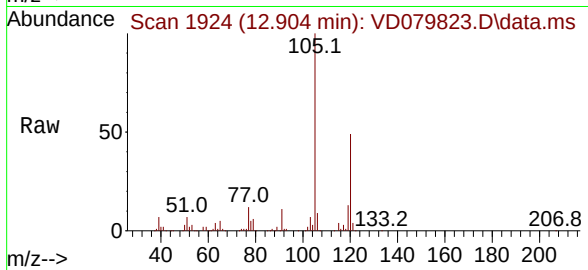




#62
1,3,5-Trimethylbenzene
Concen: 25.331 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

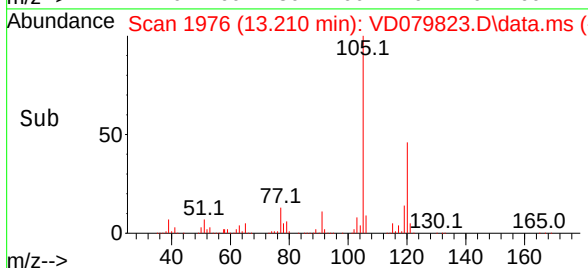
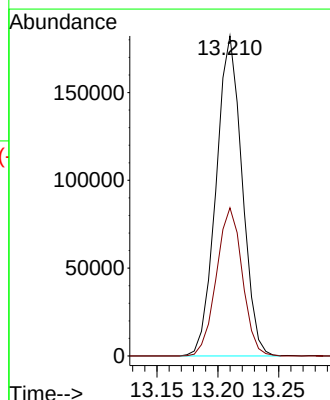
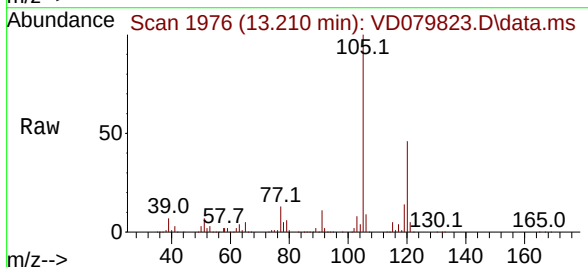
Instrument :
MSVOA_D
ClientSampleId :

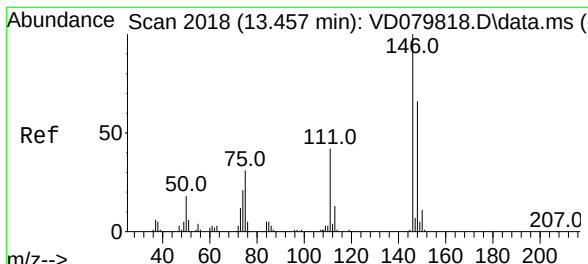
Tgt Ion:105 Resp: 270662
Ion Ratio Lower Upper
105 100
120 48.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.179 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion:105 Resp: 270935
Ion Ratio Lower Upper
105 100
120 46.1 36.3 54.5

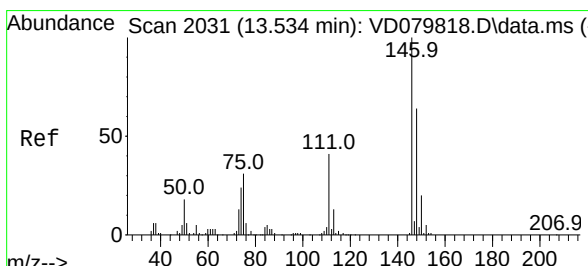
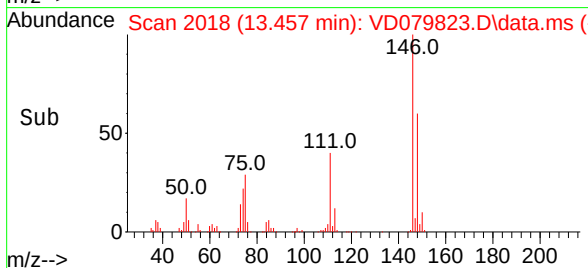
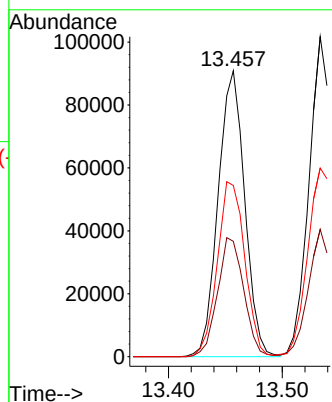
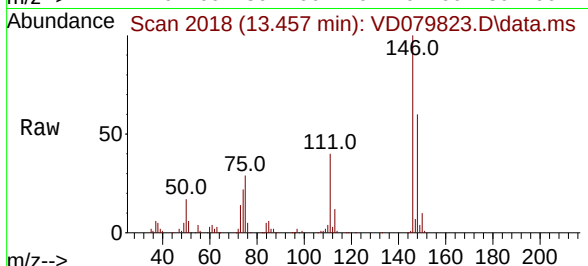




#64
1,3-Dichlorobenzene
Concen: 24.467 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

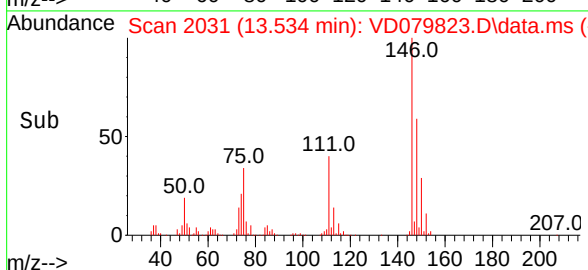
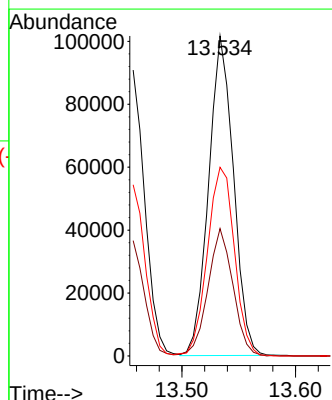
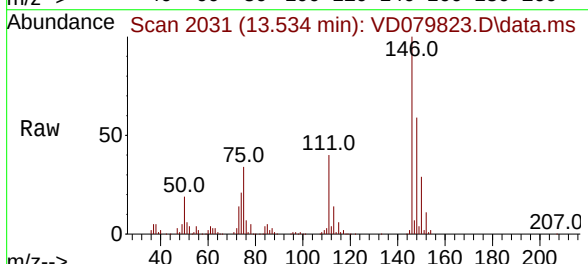
Instrument :
MSVOA_D
ClientSampleId :

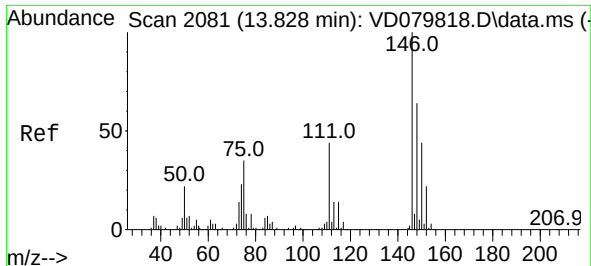
Tgt Ion:146 Resp: 147727
Ion Ratio Lower Upper
146 100
111 40.3 27.4 50.8
148 59.9 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 24.455 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079823.D
Acq: 12 Sep 2024 09:43

Tgt Ion:146 Resp: 154871
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.4
148 59.0 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.794 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :

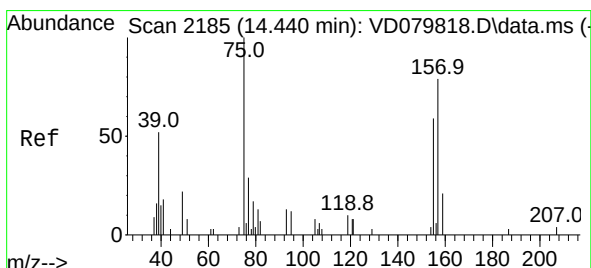
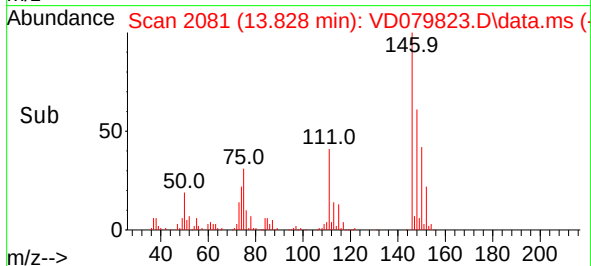
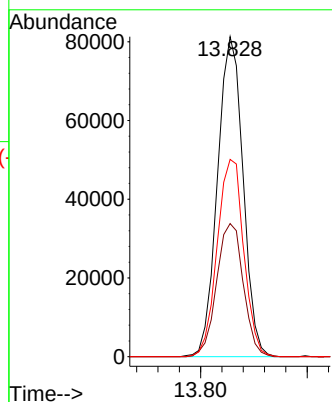
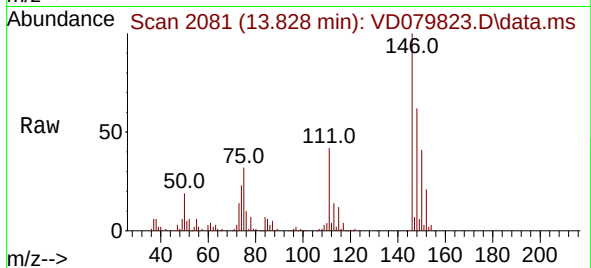
Tgt Ion:146 Resp: 135307

Ion Ratio Lower Upper

146 100

111 41.6 36.9 55.3

148 61.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.216 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

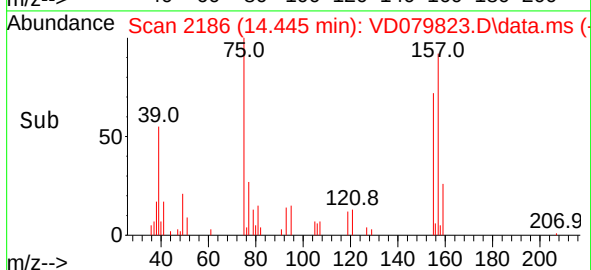
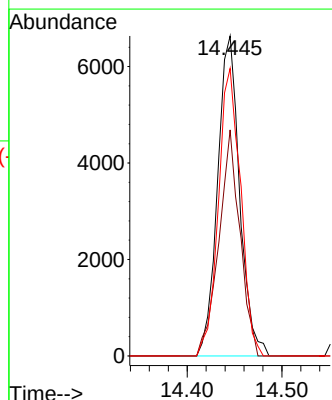
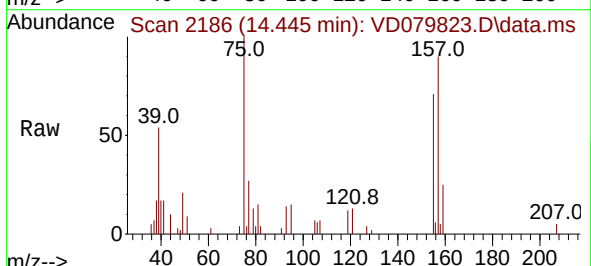
Tgt Ion: 75 Resp: 10732

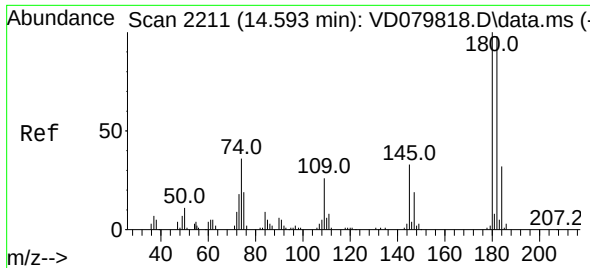
Ion Ratio Lower Upper

75 100

155 70.7 57.2 85.8

157 89.8 59.7 89.5#





#69

1,3,5-Trichlorobenzene

Concen: 23.222 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min MSVOA_D

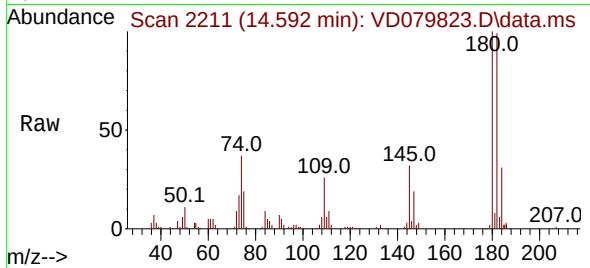
Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 85014

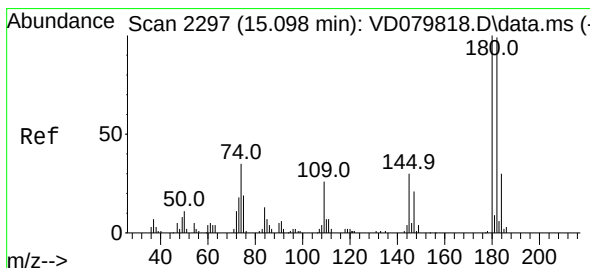
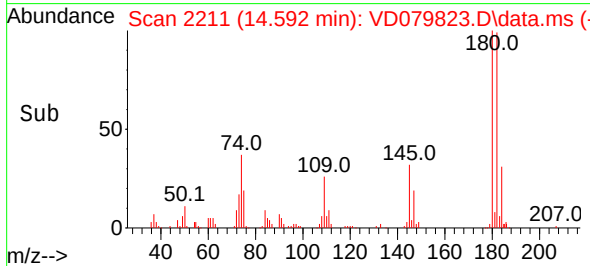
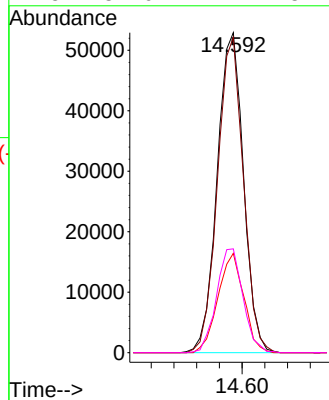
Ion Ratio Lower Upper

180 100

182 96.6 72.6 109.0

184 30.5 24.2 36.2

145 32.6 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.547 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. -0.006 min

Lab File: VD079823.D

Acq: 12 Sep 2024 09:43

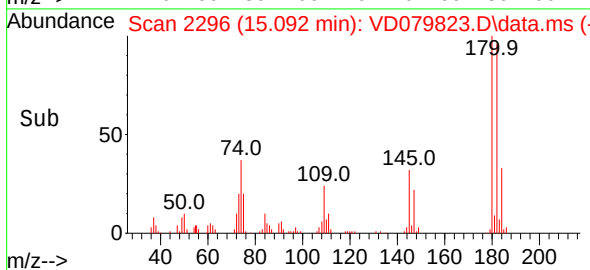
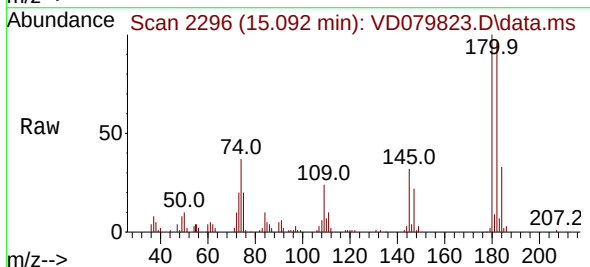
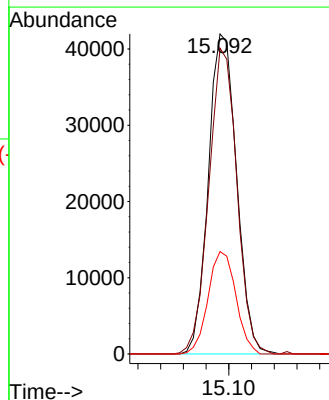
Tgt Ion:180 Resp: 72580

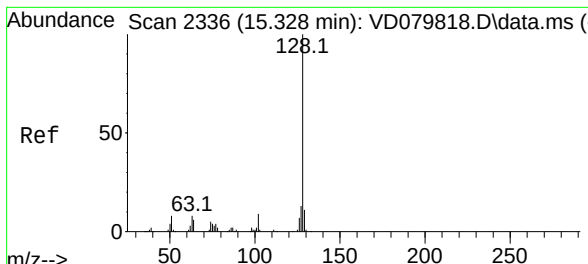
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

145 31.4 26.6 40.0



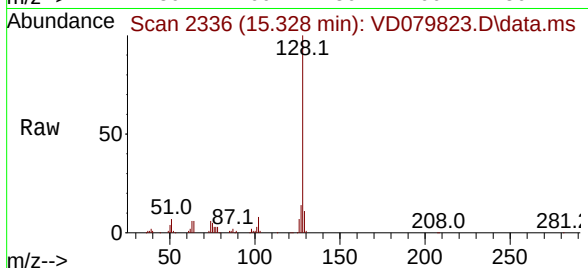


#71
 Naphthalene
 Concen: 24.204 ug/L
 RT: 15.328 min Scan# 2336
 Delta R.T. -0.000 min
 Lab File: VD079823.D
 Acq: 12 Sep 2024 09:43

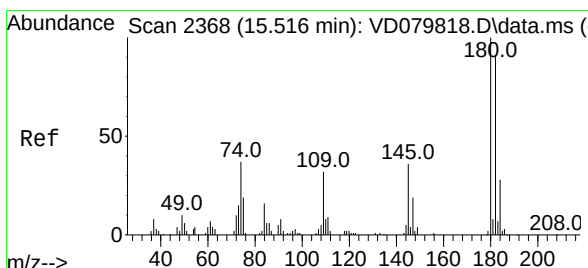
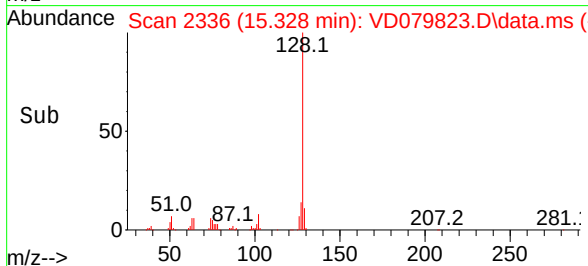
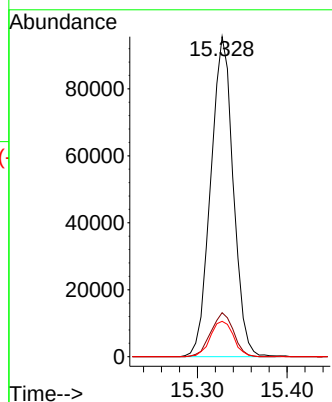
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	128	Resp:	166634
Ion Ratio	Lower	Upper	
128	100		
127	13.8	11.2	16.8
129	11.4	8.6	13.0



#72
 1,2,3-Trichlorobenzene
 Concen: 24.879 ug/L
 RT: 15.516 min Scan# 2368
 Delta R.T. -0.000 min
 Lab File: VD079823.D
 Acq: 12 Sep 2024 09:43

Tgt Ion:	180	Resp:	68595
Ion Ratio	Lower	Upper	
180	100		
182	92.6	74.1	111.1
145	33.4	26.4	39.6

