

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091324\
 Data File : VD079830.D
 Acq On : 13 Sep 2024 10:15
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 23:45:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	164989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	160687	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	80651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	147781	20.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.400%
7) Chloroethane-d5	2.805	69	120722	21.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	3.922	65	27560	21.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	6.987	46	29317	43.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
24) Chloroform-d	7.563	84	125729	23.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	8.228	65	68232	24.059	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.199	84	273214	24.084	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.210	67	82259	23.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.269	98	255130	25.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	10.522	79	35144	23.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.875	63	28186	49.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	65365	25.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.810	152	70828	23.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	70255	22.331	ug/L	99
3) Chloromethane	2.146	50	112422	20.385	ug/L	99
5) Vinyl chloride	2.281	62	148497	21.974	ug/L	100
6) Bromomethane	2.699	94	82237	24.168	ug/L	94
8) Chloroethane	2.840	64	98465	22.054	ug/L	99
9) Trichlorofluoromethane	3.175	101	110265	22.693	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	62237	23.140	ug/L	97
12) 1,1-Dichloroethene	3.940	96	56226	22.445	ug/L	90
13) Acetone	4.016	43	38939	47.915	ug/L	95
14) Carbon disulfide	4.269	76	177166	21.742	ug/L	98
15) Methyl Acetate	4.558	43	15000	11.587	ug/L #	27
16) Methylene chloride	4.799	84	70387	21.590	ug/L	95
17) trans-1,2-Dichloroethene	5.310	96	62709	23.477	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	138083	22.980	ug/L #	87
19) 1,1-Dichloroethane	6.110	63	124193	23.408	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	67828	23.063	ug/L	99
22) 2-Butanone	7.081	43	44320	46.491	ug/L	95
23) Bromochloromethane	7.434	128	29972	24.012	ug/L	82
25) Chloroform	7.593	83	131496	23.810	ug/L	95

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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

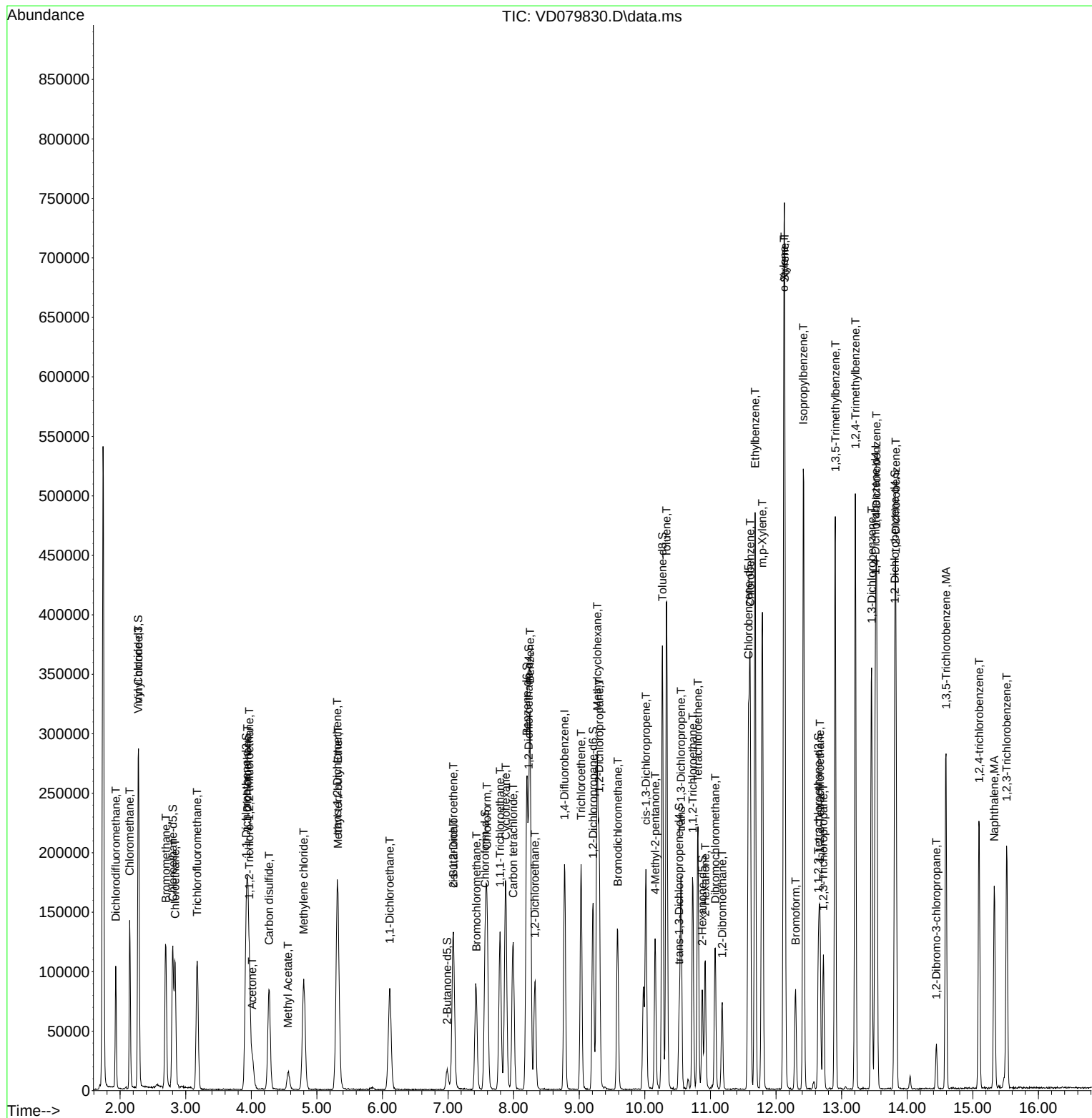
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	79180	23.457	ug/L	97
29) Cyclohexane	7.881	56	94566	23.793	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	107758	24.602	ug/L	97
31) Carbon tetrachloride	7.993	117	97153	25.035	ug/L	100
33) Benzene	8.251	78	291194	24.337	ug/L	100
34) Trichloroethene	9.028	95	66680	24.118	ug/L	97
35) Methylcyclohexane	9.275	83	111524	24.996	ug/L	97
37) 1,2-Dichloropropane	9.304	63	80381	24.634	ug/L #	100
38) Bromodichloromethane	9.587	83	91761	24.134	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	113035	24.669	ug/L	90
40) 4-Methyl-2-pentanone	10.157	43	85751	50.202	ug/L	99
42) Toluene	10.328	91	320717	25.447	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	101484	25.131	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	55975	25.108	ug/L	99
46) Tetrachloroethene	10.810	164	47260	25.179	ug/L	93
48) 2-Hexanone	10.922	43	71417	51.401	ug/L	98
49) Dibromochloromethane	11.075	129	61620	25.323	ug/L	98
50) 1,2-Dibromoethane	11.181	107	47380	24.606	ug/L	93
51) Chlorobenzene	11.604	112	188544	24.928	ug/L	97
52) Ethylbenzene	11.681	91	339580	25.648	ug/L	99
53) m,p-Xylene	11.792	106	130113	25.946	ug/L	95
54) o-Xylene	12.122	106	124371	25.294	ug/L	99
55) Styrene	12.134	104	228964	26.495	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	68836	26.342	ug/L	96
59) Bromoform	12.298	173	34448	24.743	ug/L #	98
60) Isopropylbenzene	12.416	105	334599	24.030	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	45108	22.754	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	255097	25.050	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	251185	23.521	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	139690	24.276	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	143770	23.820	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	125555	24.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	9865	24.321	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	80664	23.119	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	67342	22.923	ug/L	99
71) Naphthalene	15.328	128	147394	22.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	63332	24.101	ug/L	99

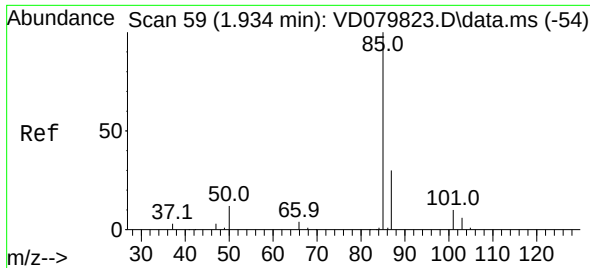
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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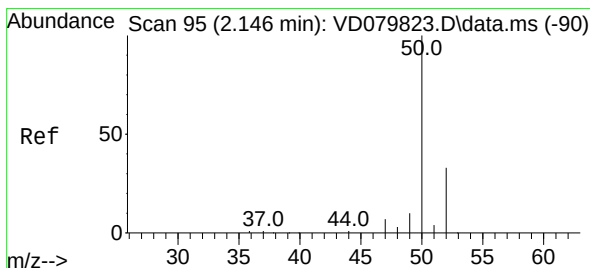
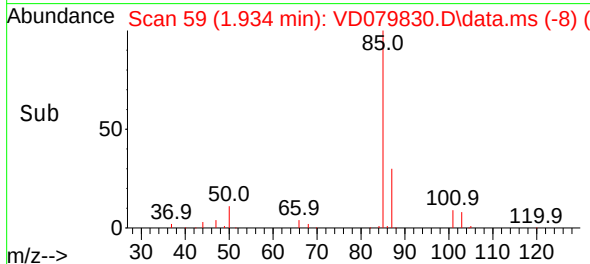
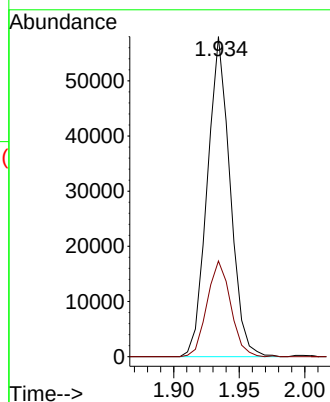
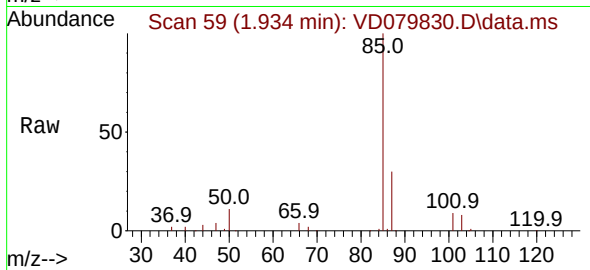




#2
 Dichlorodifluoromethane
 Concen: 22.331 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079830.D
 Acq: 13 Sep 2024 10:15

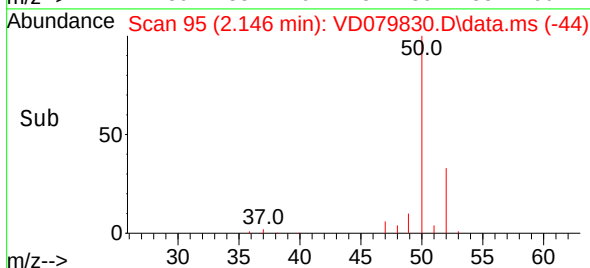
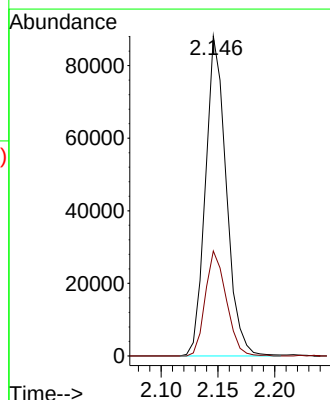
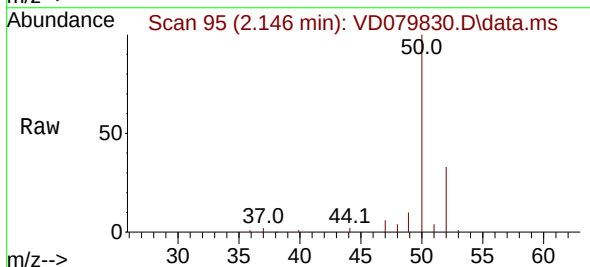
Instrument :
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 ClientSampleId :

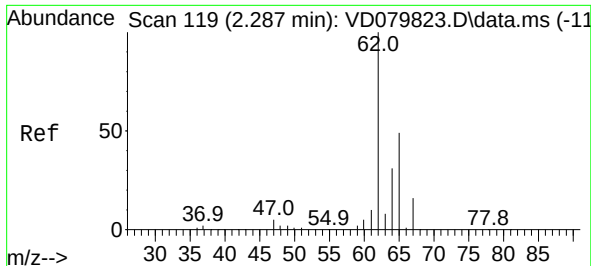
Tgt Ion: 85 Resp: 70255
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.0 37.6



#3
 Chloromethane
 Concen: 20.385 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079830.D
 Acq: 13 Sep 2024 10:15

Tgt Ion: 50 Resp: 112422
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.4 41.6

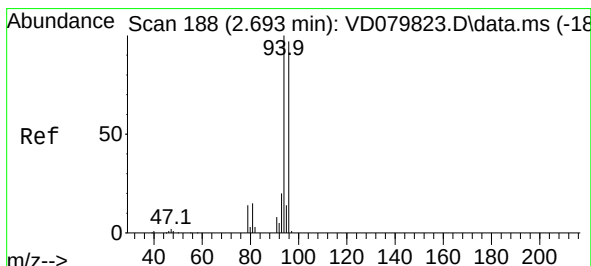
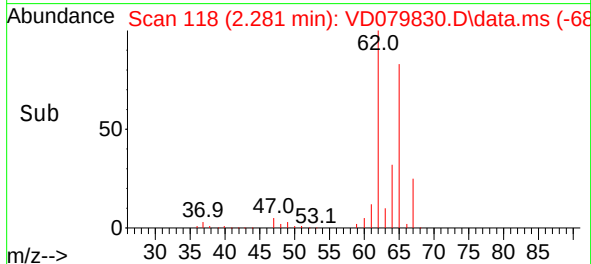
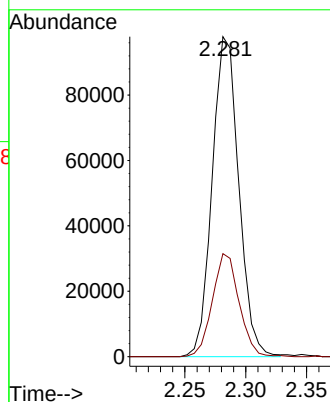
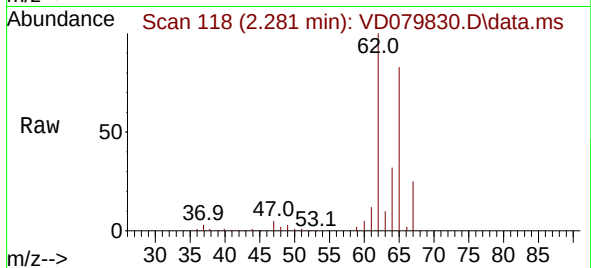




#5
 Vinyl chloride
 Concen: 21.974 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079830.D
 Acq: 13 Sep 2024 10:15

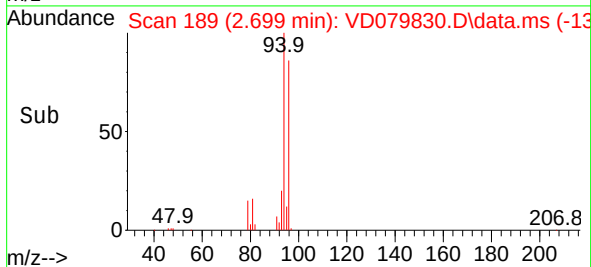
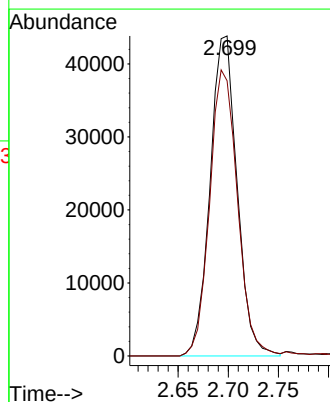
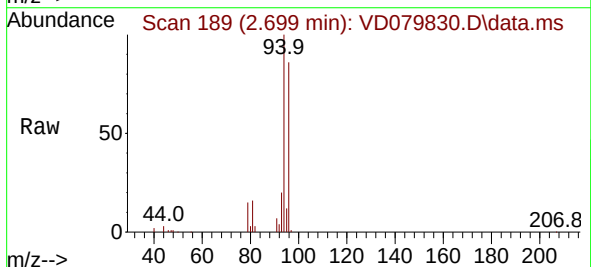
Instrument :
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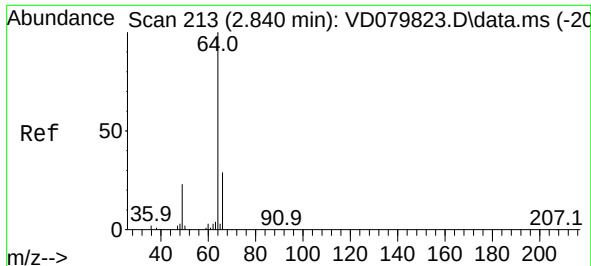
Tgt Ion: 62 Resp: 148497
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 24.168 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD079830.D
 Acq: 13 Sep 2024 10:15

Tgt Ion: 94 Resp: 82237
 Ion Ratio Lower Upper
 94 100
 96 86.0 64.3 119.5

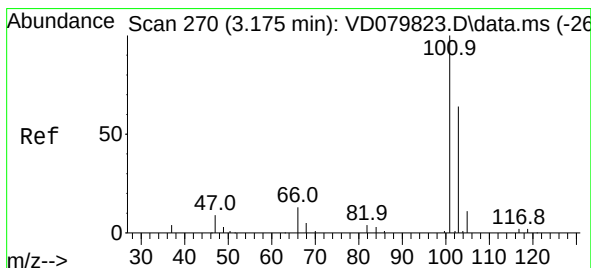
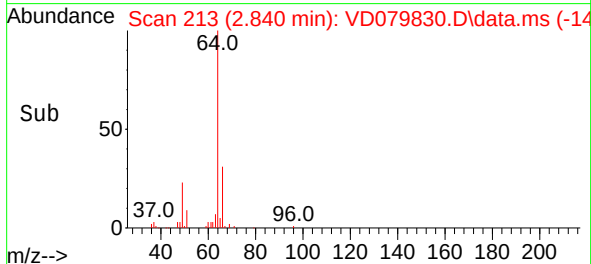
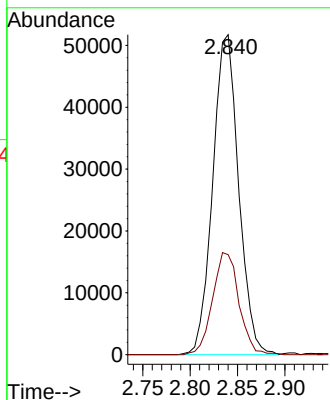
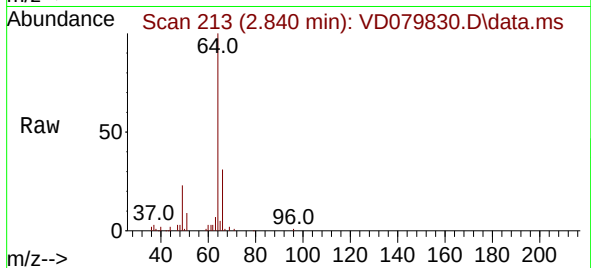




#8
Chloroethane
Concen: 22.054 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

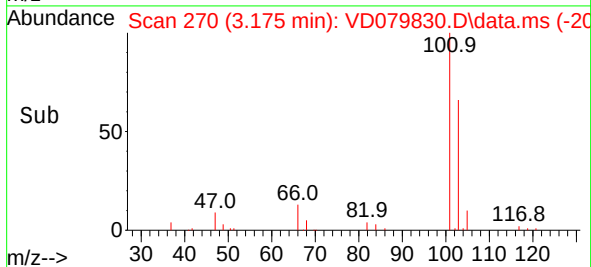
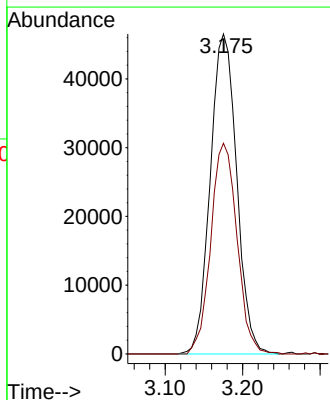
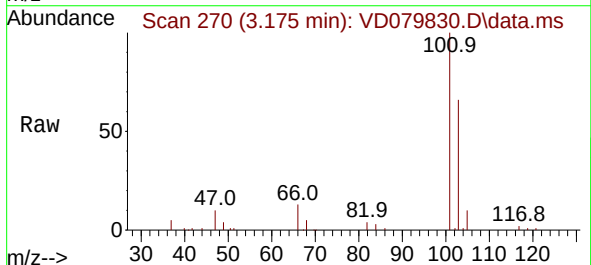
Instrument :
MSVOA_D
ClientSampleId :

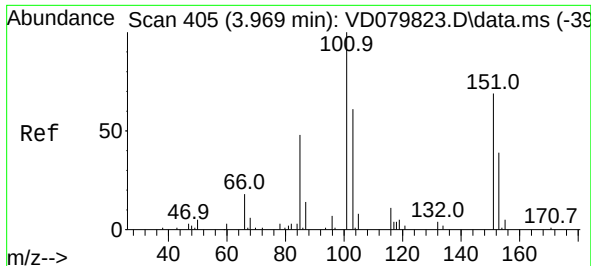
Tgt Ion: 64 Resp: 98465
Ion Ratio Lower Upper
64 100
66 31.3 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.693 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion:101 Resp: 110265
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

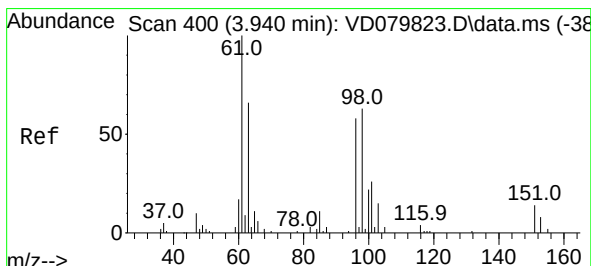
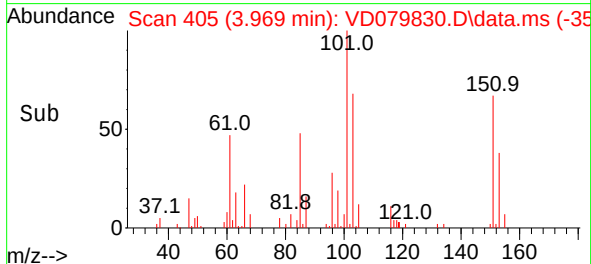
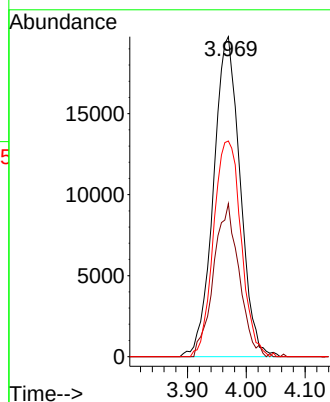
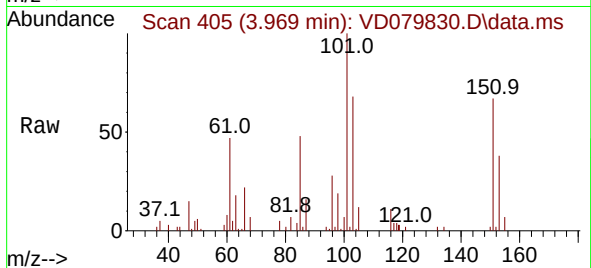




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.140 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

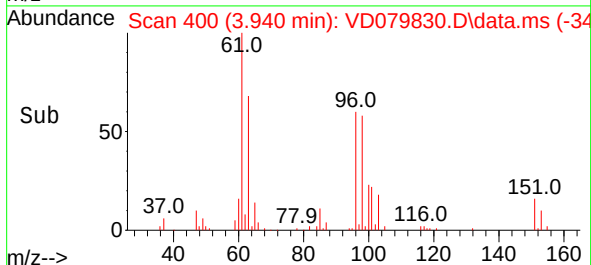
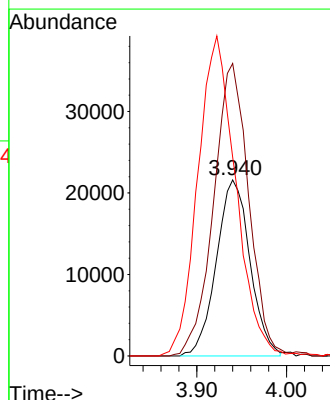
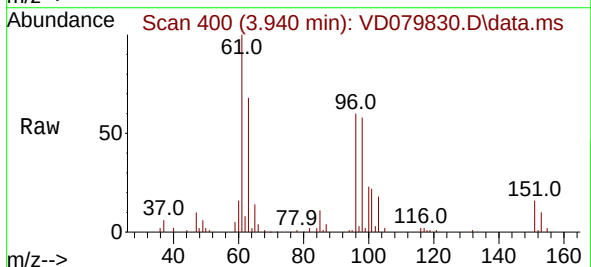
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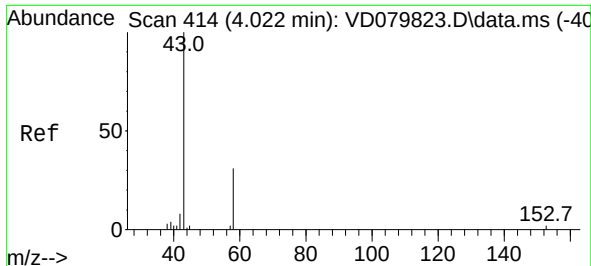
Tgt Ion:101 Resp: 62237
Ion Ratio Lower Upper
101 100
85 45.0 37.8 56.8
151 69.6 54.2 81.4



#12
1,1-Dichloroethene
Concen: 22.445 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 96 Resp: 56226
Ion Ratio Lower Upper
96 100
61 166.1 119.8 222.4
63 112.9 93.9 174.3

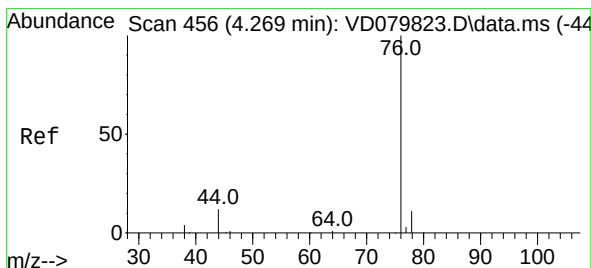
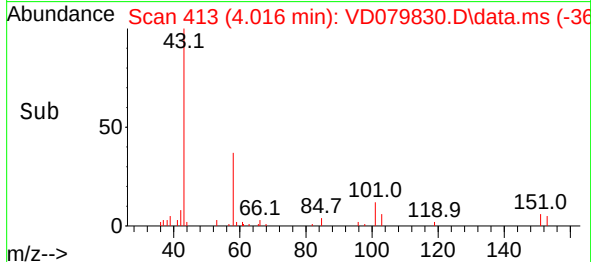
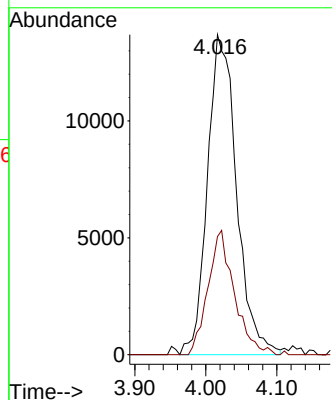
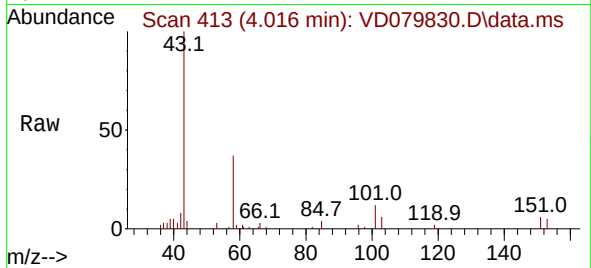




#13
Acetone
Concen: 47.915 ug/L
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

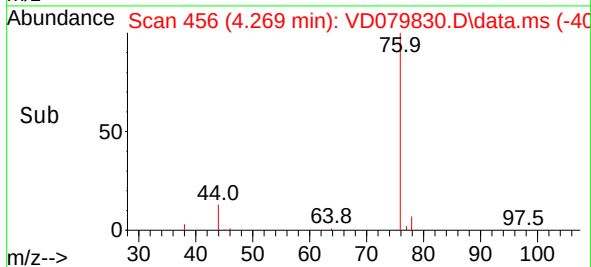
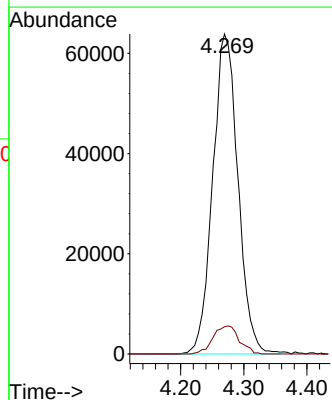
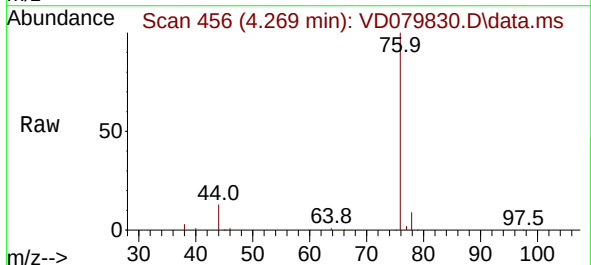
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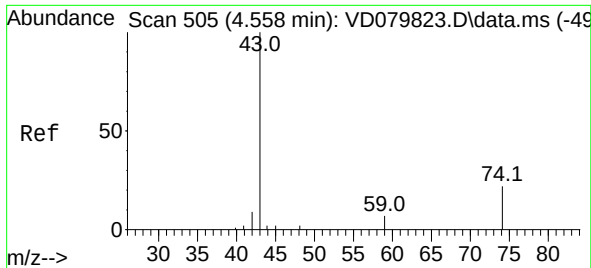
Tgt Ion: 43 Resp: 38939
Ion Ratio Lower Upper
43 100
58 34.8 0.0 75.8



#14
Carbon disulfide
Concen: 21.742 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 177166
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

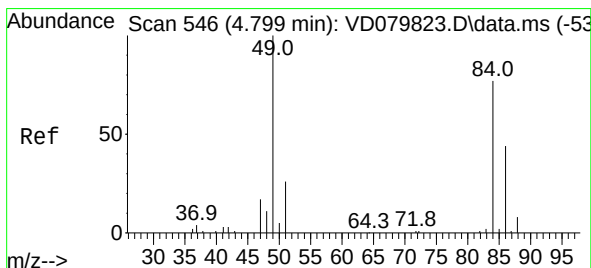
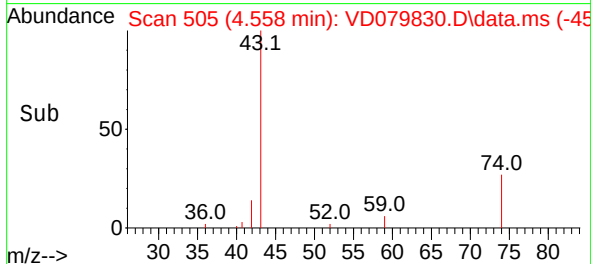
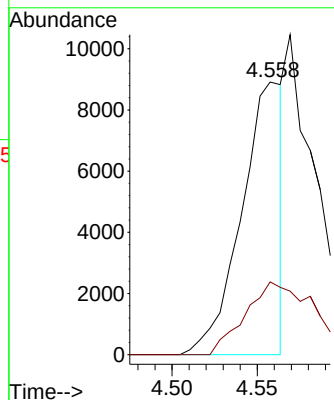
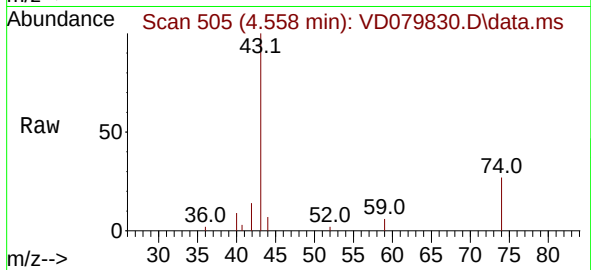




#15
Methyl Acetate
Concen: 11.587 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

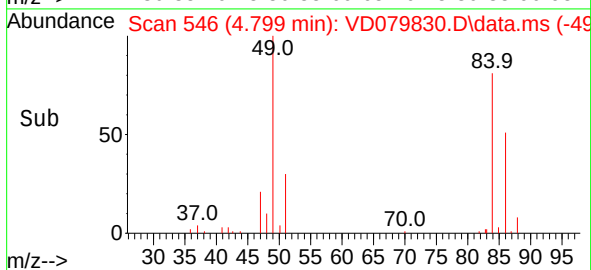
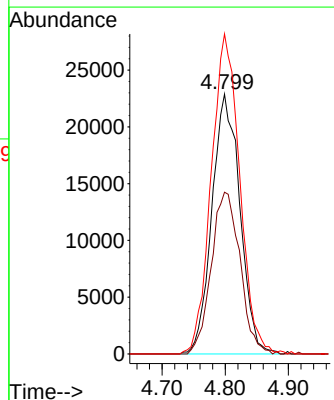
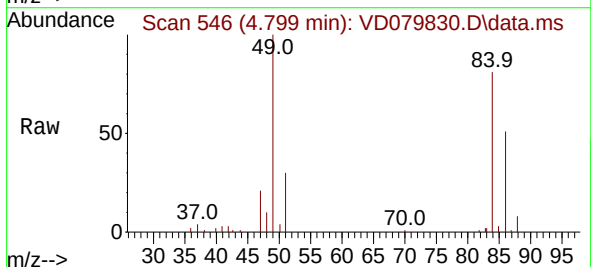
Instrument :
MSVOA_D
ClientSampleId :

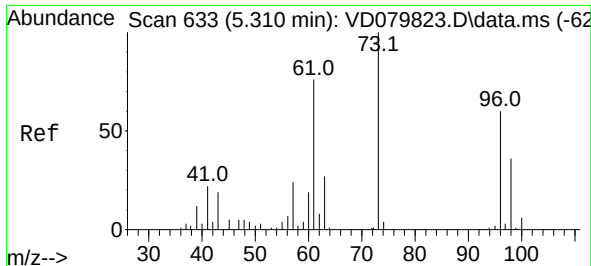
Tgt Ion: 43 Resp: 15000
Ion Ratio Lower Upper
43 100
74 45.3 11.9 17.9#



#16
Methylene chloride
Concen: 21.590 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 84 Resp: 70387
Ion Ratio Lower Upper
84 100
86 62.3 41.0 76.2
49 123.1 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 23.477 ug/L

RT: 5.310 min Scan# 61

Delta R.T. 0.000 min

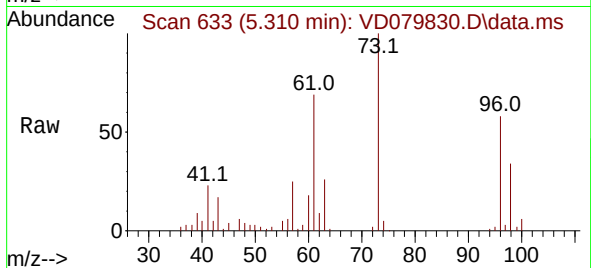
Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :



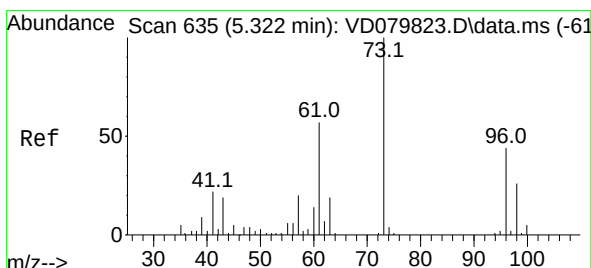
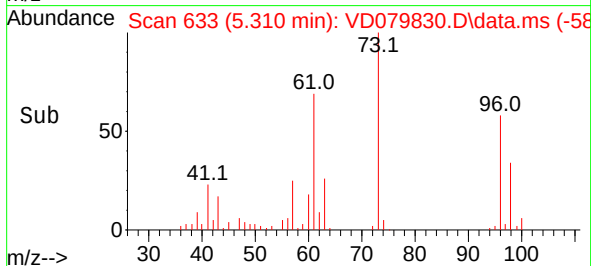
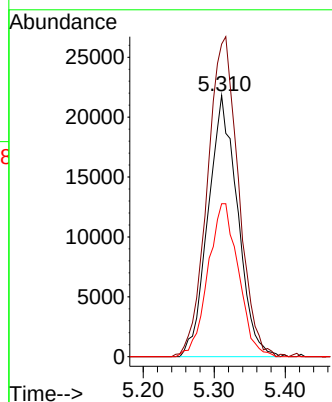
Tgt Ion: 96 Resp: 62709

Ion Ratio Lower Upper

96 100

61 119.7 88.7 164.7

98 58.6 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 22.980 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

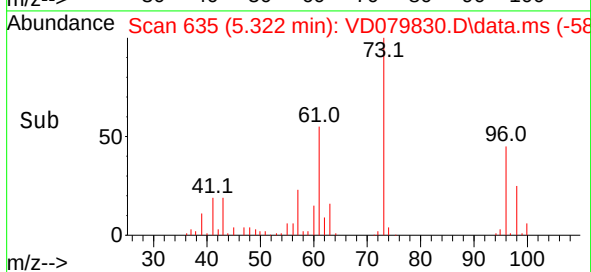
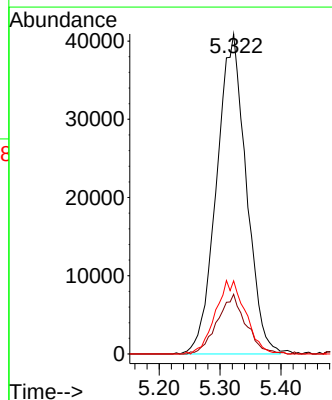
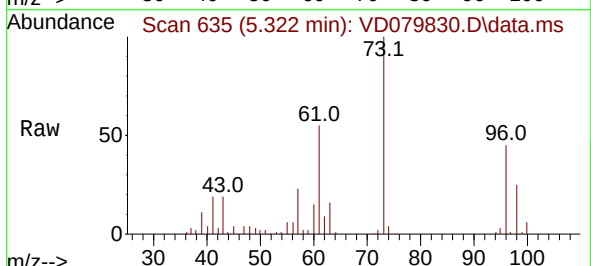
Tgt Ion: 73 Resp: 138083

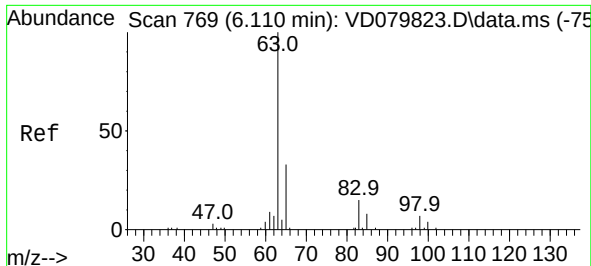
Ion Ratio Lower Upper

73 100

43 17.9 14.5 21.7

57 12.2 18.8 28.2#

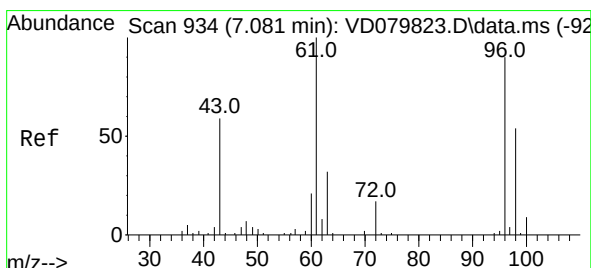
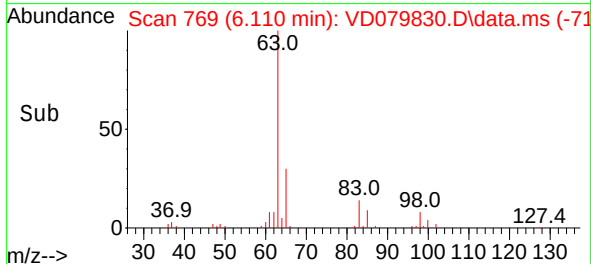
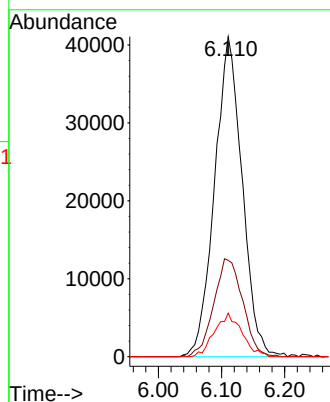
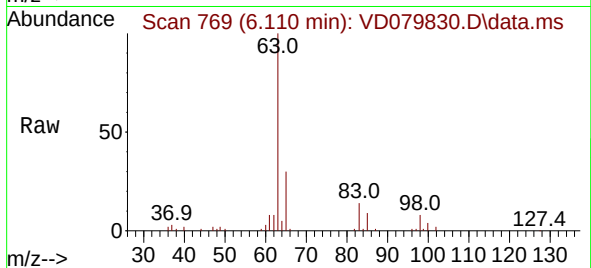




#19
1,1-Dichloroethane
Concen: 23.408 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

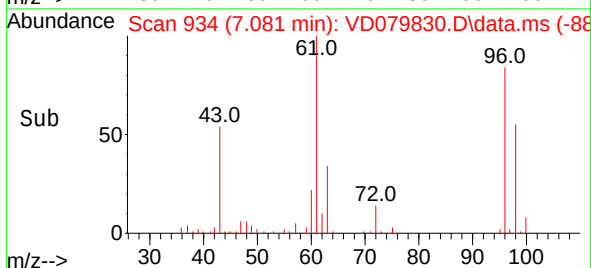
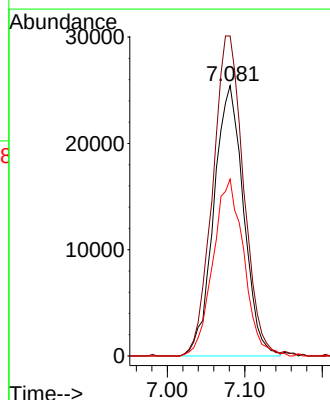
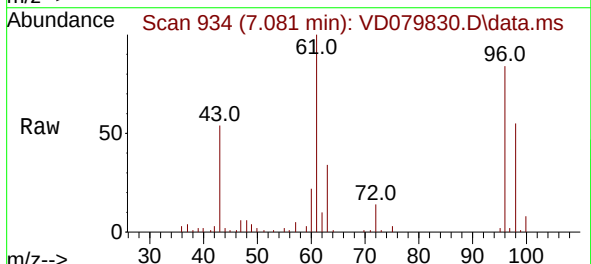
Instrument :
MSVOA_D
ClientSampleId :

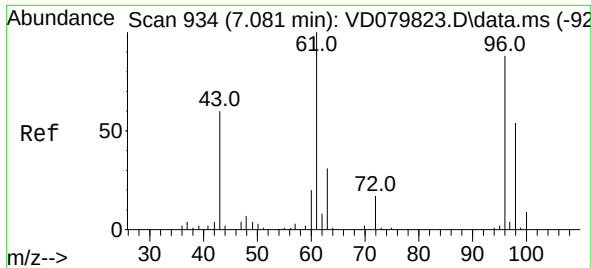
Tgt Ion: 63 Resp: 124193
Ion Ratio Lower Upper
63 100
65 30.1 22.6 42.0
83 13.6 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 23.063 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 96 Resp: 67828
Ion Ratio Lower Upper
96 100
61 118.4 83.8 155.6
98 65.4 45.9 85.3





#22

2-Butanone

Concen: 46.491 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

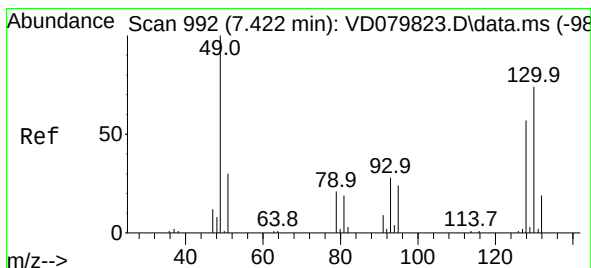
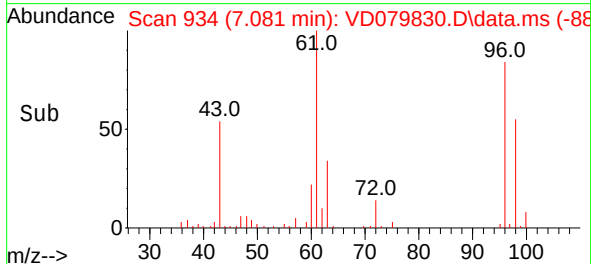
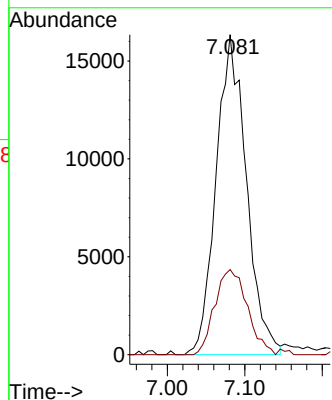
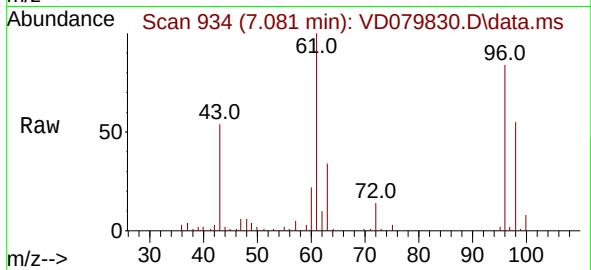
ClientSampleId :

Tgt Ion: 43 Resp: 44320

Ion Ratio Lower Upper

43 100

72 28.6 13.1 39.3



#23

Bromochloromethane

Concen: 24.012 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Tgt Ion: 128 Resp: 29972

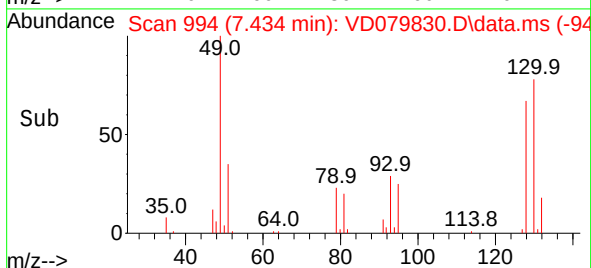
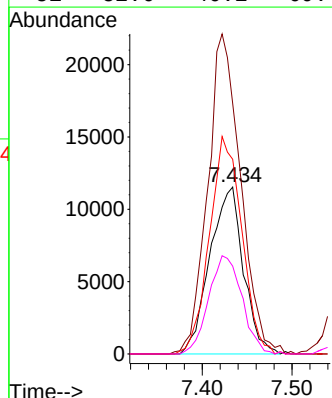
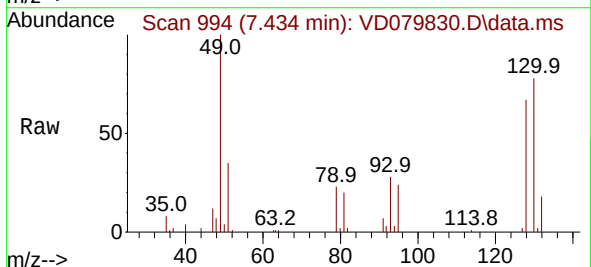
Ion Ratio Lower Upper

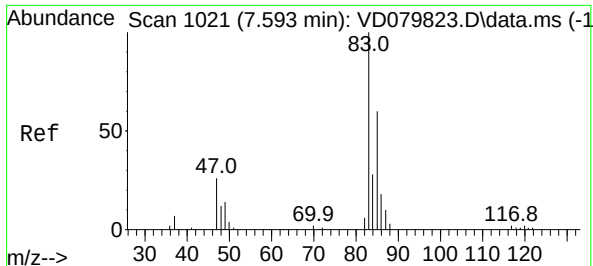
128 100

49 150.1 132.3 245.7

130 116.6 89.4 166.0

51 52.6 46.2 69.4

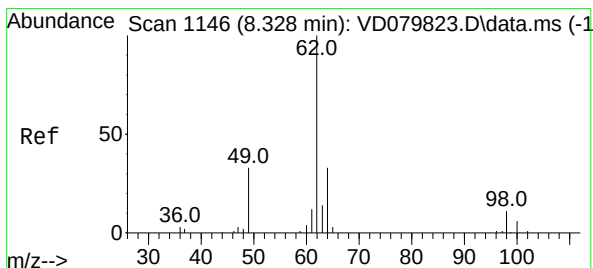
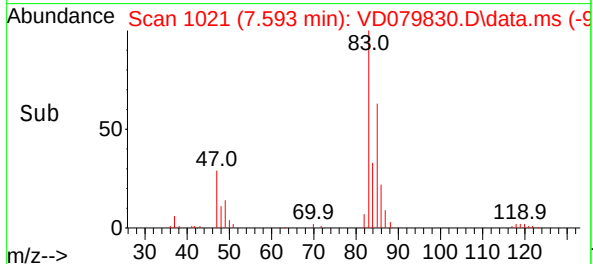
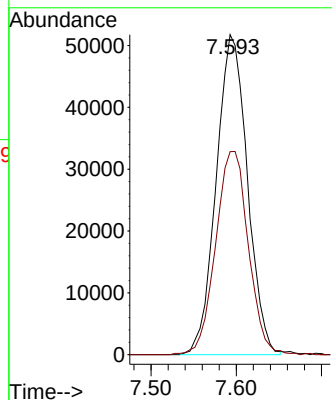
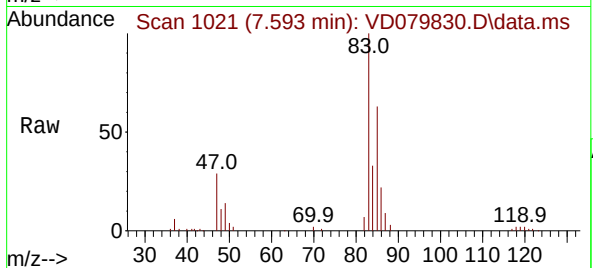




#25
Chloroform
Concen: 23.810 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

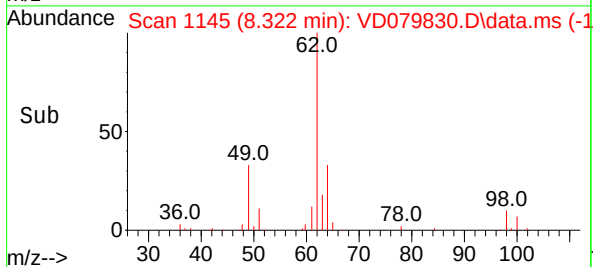
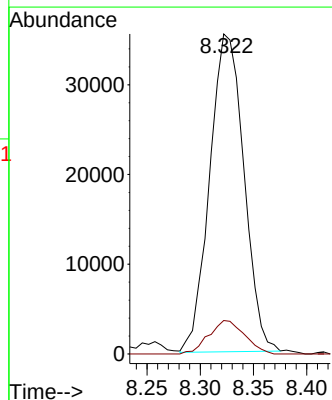
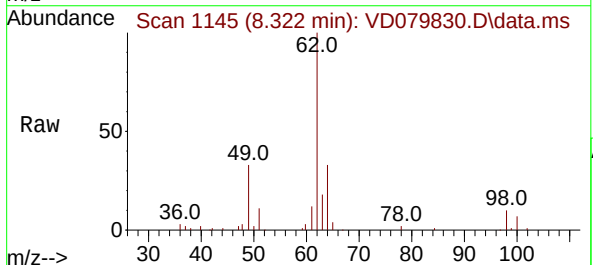
Instrument :
MSVOA_D
ClientSampleId :

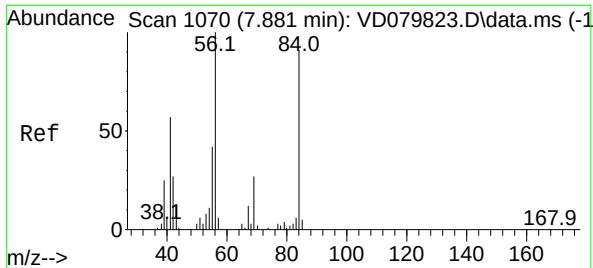
Tgt Ion: 83 Resp: 131496
Ion Ratio Lower Upper
83 100
85 63.5 47.3 87.9



#27
1,2-Dichloroethane
Concen: 23.457 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 62 Resp: 79180
Ion Ratio Lower Upper
62 100
98 10.5 7.5 11.3

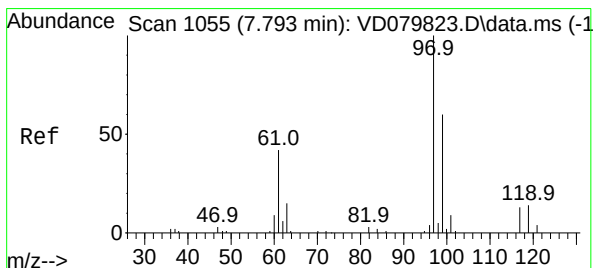
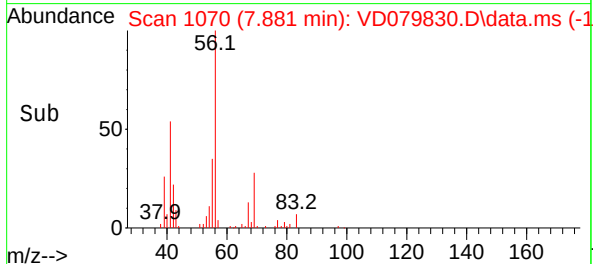
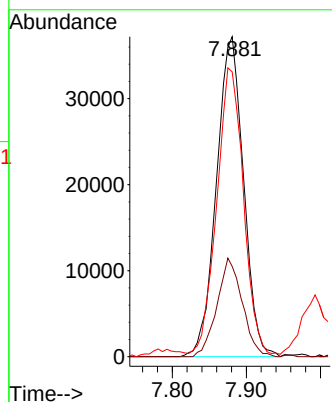
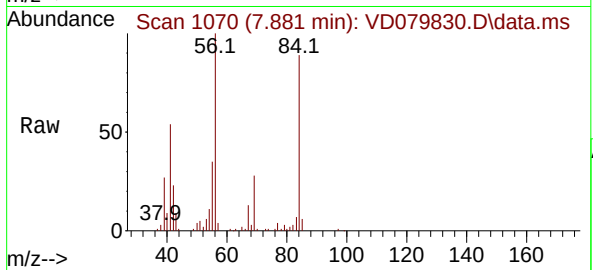




#29
Cyclohexane
Concen: 23.793 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

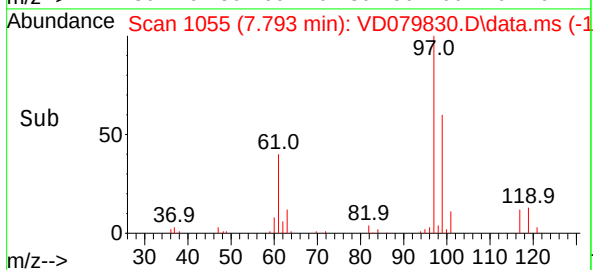
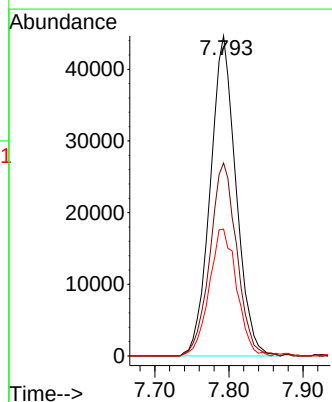
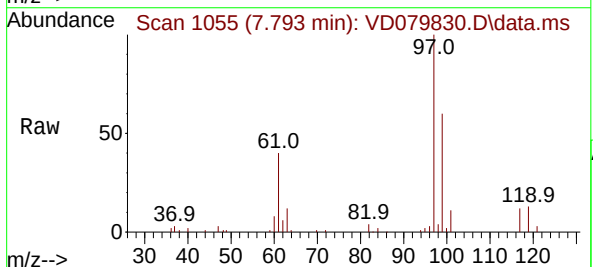
Instrument :
MSVOA_D
ClientSampleId :

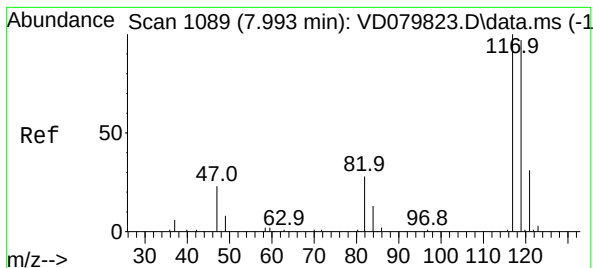
Tgt Ion: 56 Resp: 94566
Ion Ratio Lower Upper
56 100
69 28.7 22.8 34.2
84 88.0 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 24.602 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 97 Resp: 107758
Ion Ratio Lower Upper
97 100
99 62.9 51.9 77.9
61 42.3 35.4 53.2





#31

Carbon tetrachloride

Concen: 25.035 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

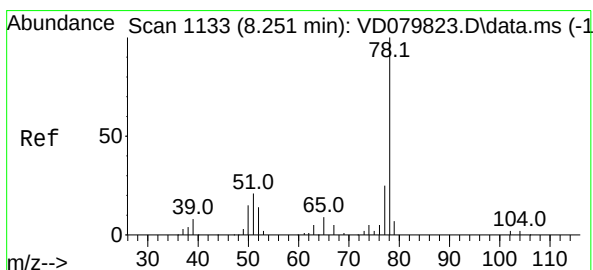
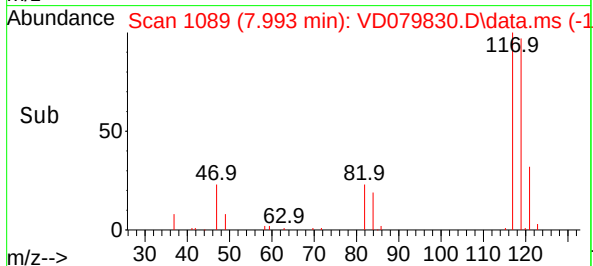
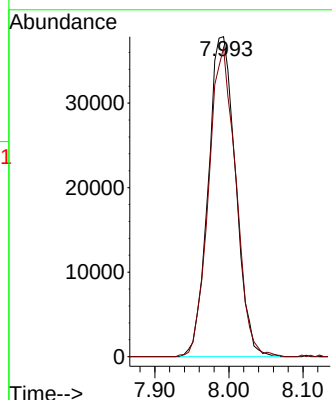
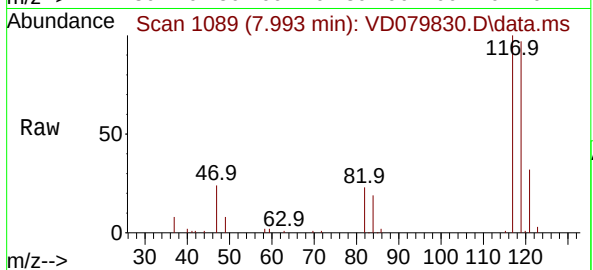
ClientSampleId :

Tgt Ion:117 Resp: 97153

Ion Ratio Lower Upper

117 100

119 95.3 76.0 114.0



#33

Benzene

Concen: 24.337 ug/L

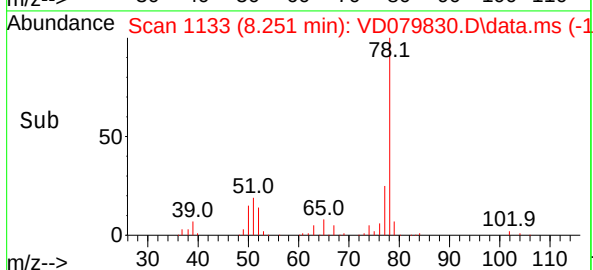
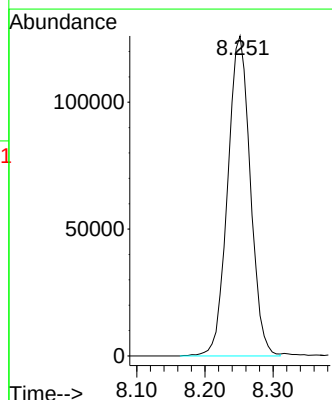
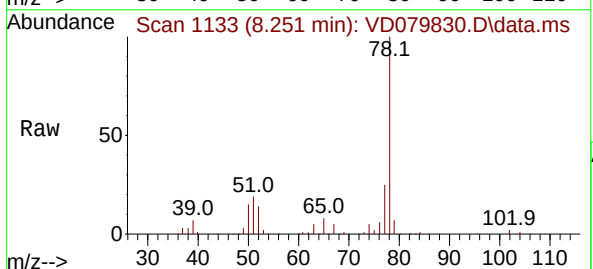
RT: 8.251 min Scan# 1133

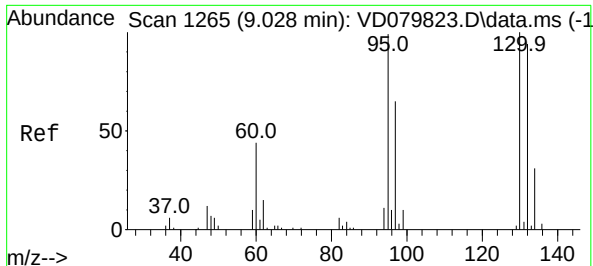
Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Tgt Ion: 78 Resp: 291194

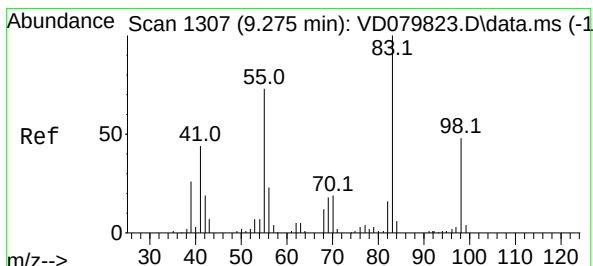
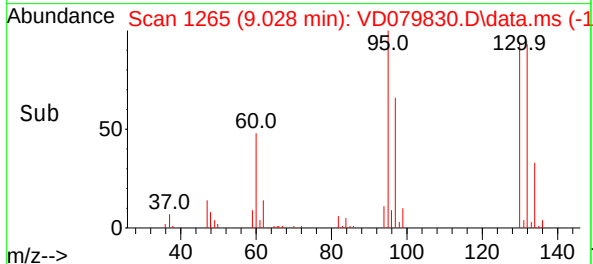
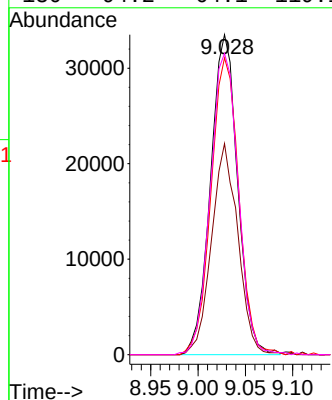
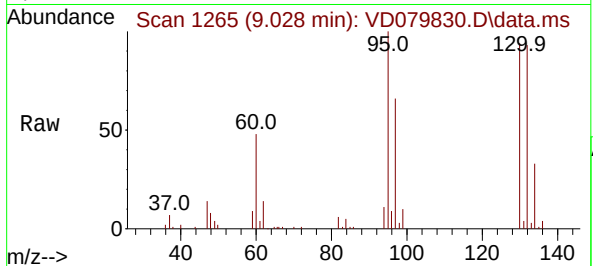




#34
Trichloroethene
Concen: 24.118 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

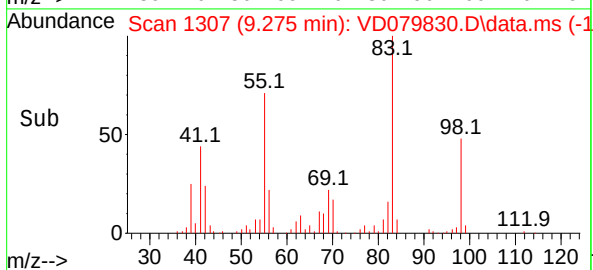
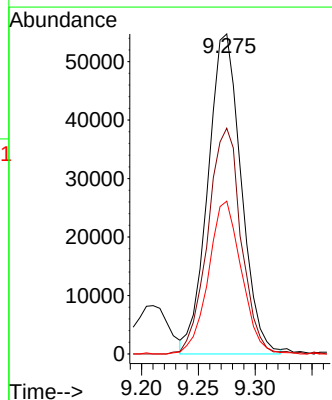
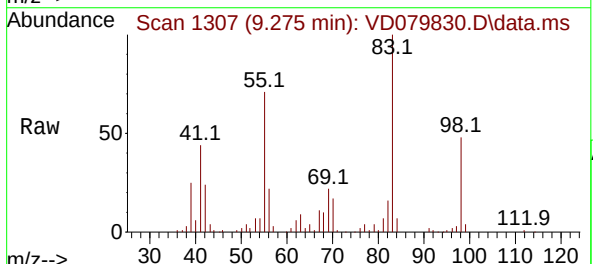
Instrument :
MSVOA_D
ClientSampleId :

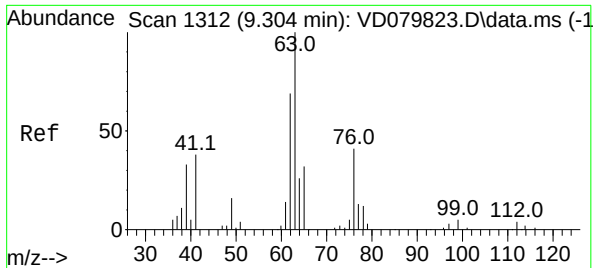
Tgt Ion: 95 Resp: 66680
Ion Ratio Lower Upper
95 100
97 66.0 43.5 80.7
132 92.8 64.5 119.7
130 94.2 64.1 119.1



#35
Methylcyclohexane
Concen: 24.996 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 83 Resp: 111524
Ion Ratio Lower Upper
83 100
55 70.4 58.9 88.3
98 47.3 38.6 58.0

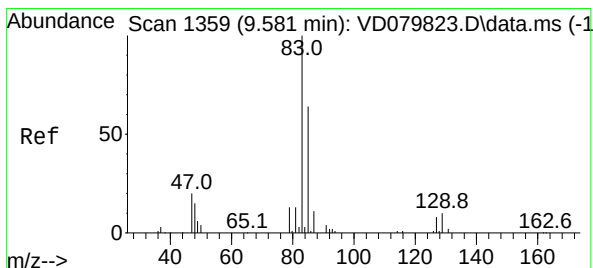
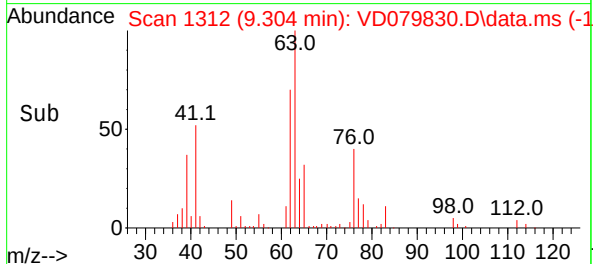
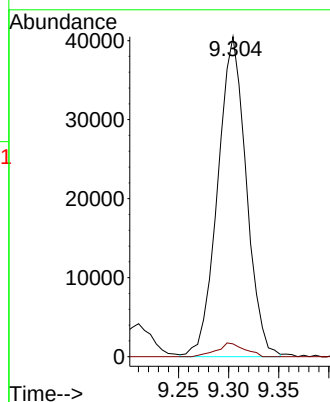
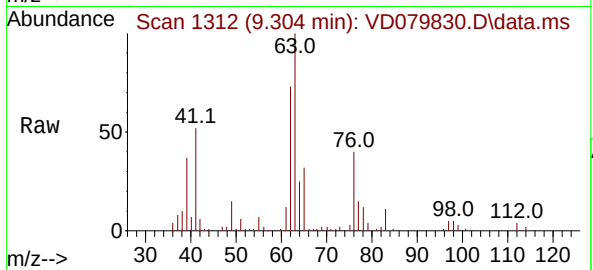




#37
1,2-Dichloropropane
Concen: 24.634 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

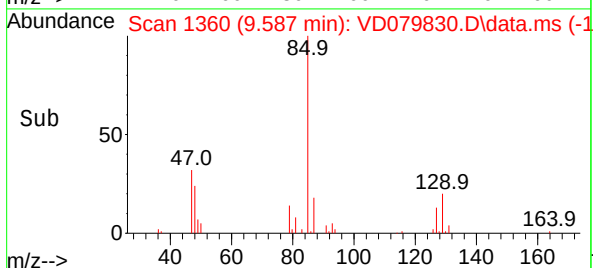
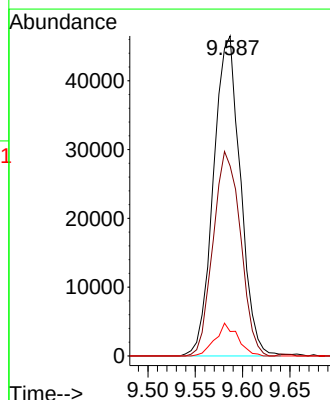
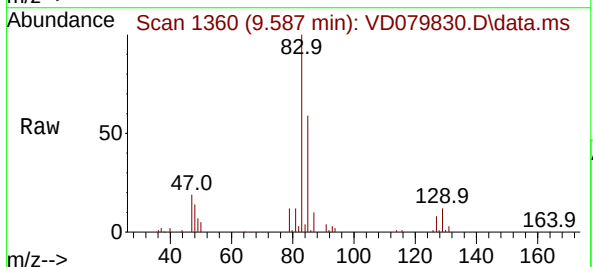
Instrument :
MSVOA_D
ClientSampleId :

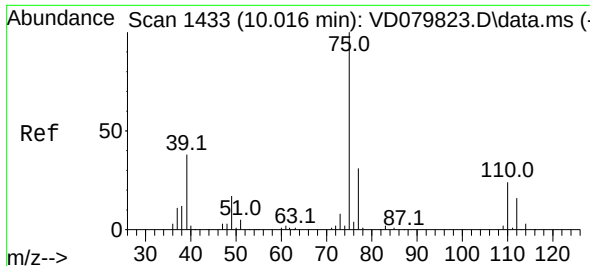
Tgt Ion: 63 Resp: 80381
Ion Ratio Lower Upper
63 100
112 4.1 0.0 0.0#



#38
Bromodichloromethane
Concen: 24.134 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 83 Resp: 91761
Ion Ratio Lower Upper
83 100
85 59.3 45.9 85.3
127 7.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 24.669 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

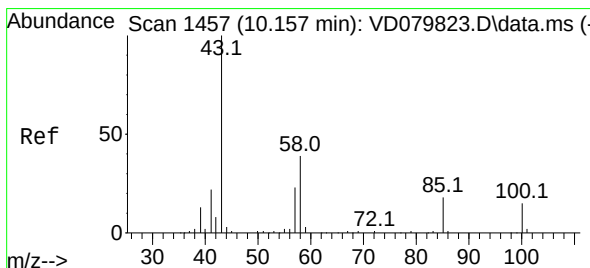
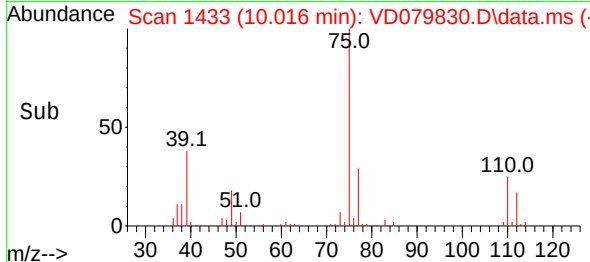
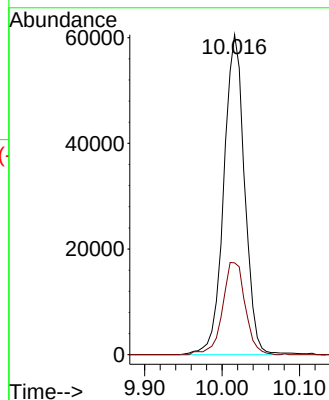
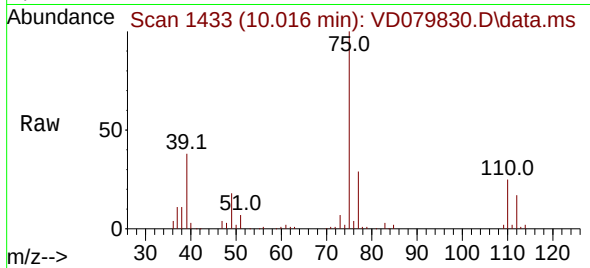
ClientSampleId :

Tgt Ion: 75 Resp: 113035

Ion Ratio Lower Upper

75 100

77 28.7 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 50.202 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

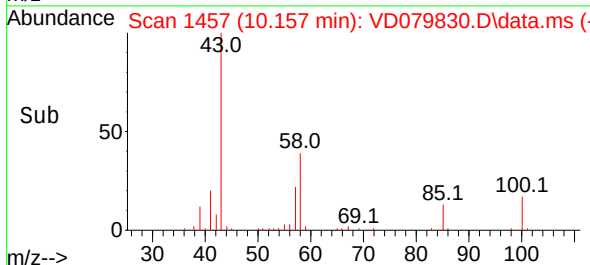
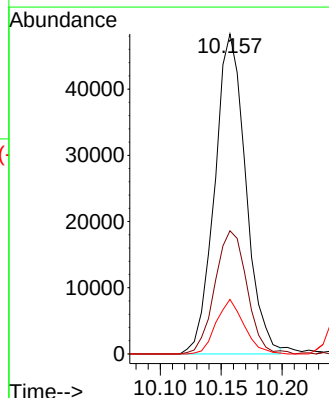
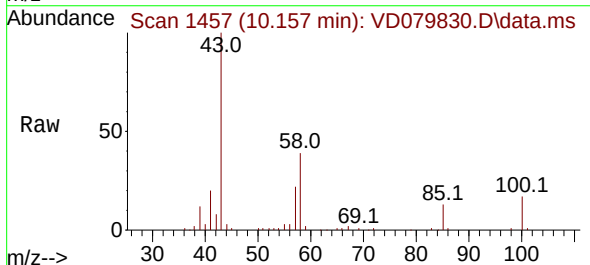
Tgt Ion: 43 Resp: 85751

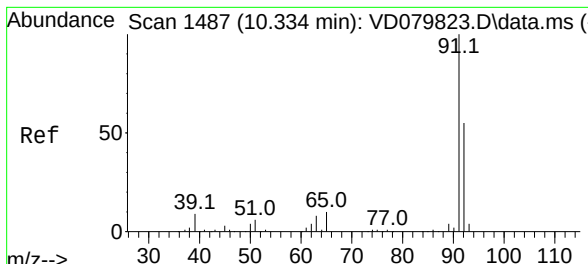
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

100 15.3 11.8 17.6





#42

Toluene

Concen: 25.447 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

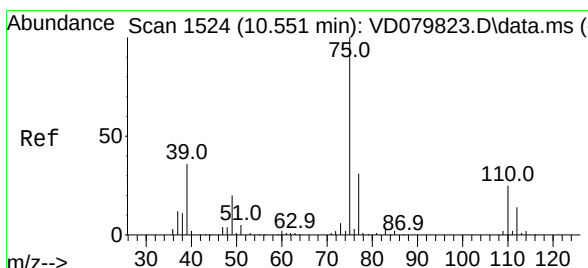
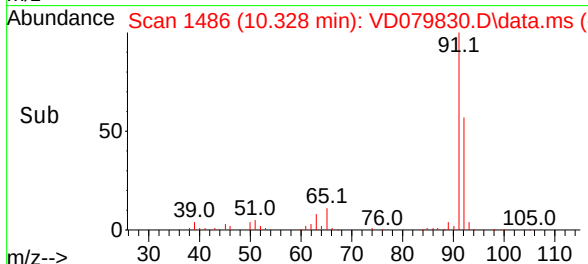
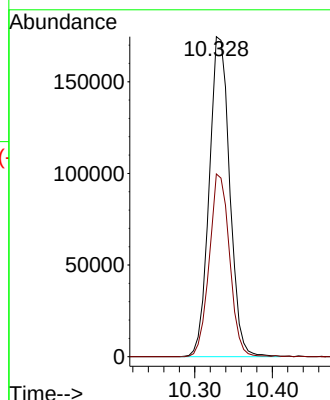
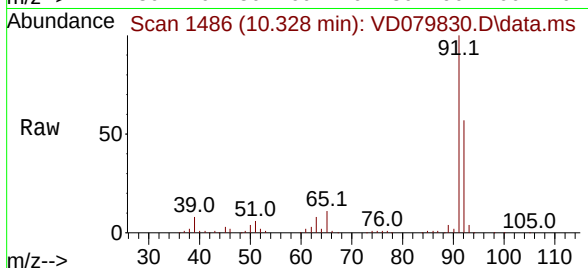
ClientSampleId :

Tgt Ion: 91 Resp: 320717

Ion Ratio Lower Upper

91 100

92 57.1 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.131 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079830.D

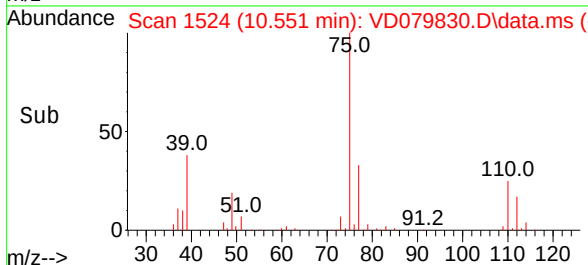
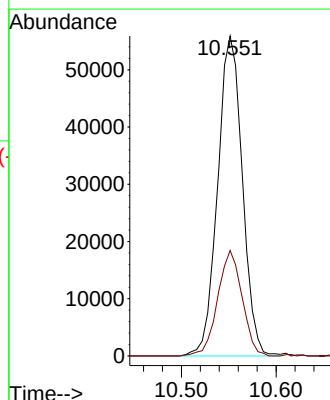
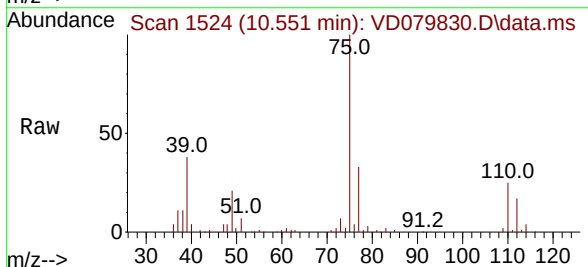
Acq: 13 Sep 2024 10:15

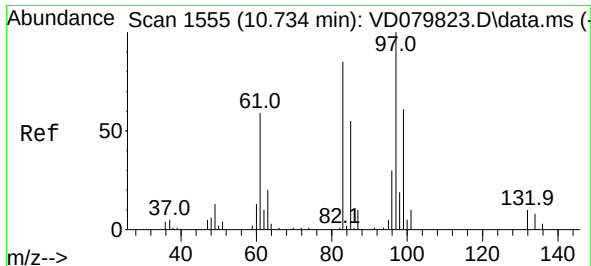
Tgt Ion: 75 Resp: 101484

Ion Ratio Lower Upper

75 100

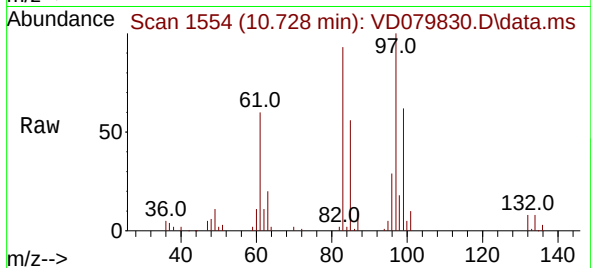
77 33.0 21.8 40.4



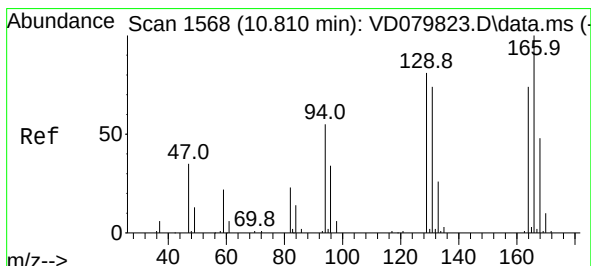
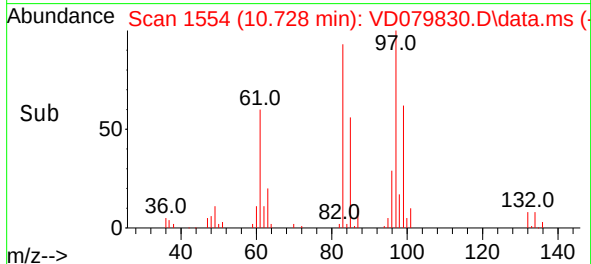
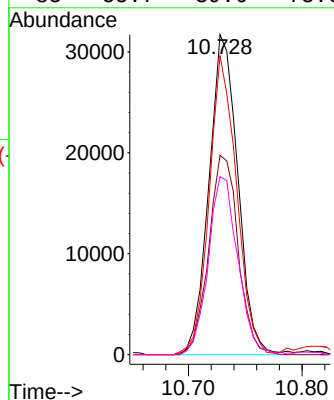


#45
1,1,2-Trichloroethane
Concen: 25.108 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Instrument :
MSVOA_D
ClientSampleId :

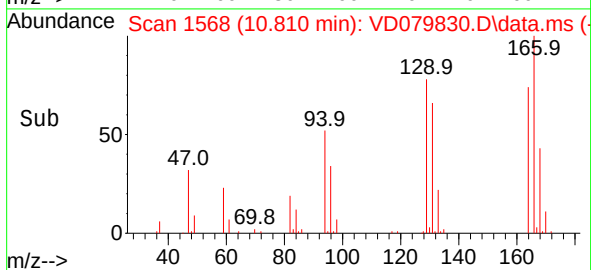
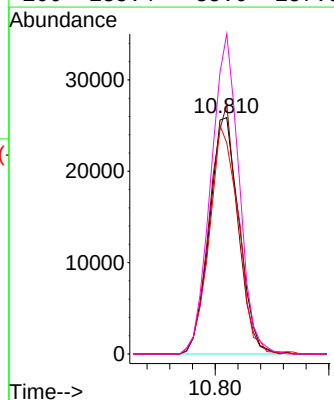
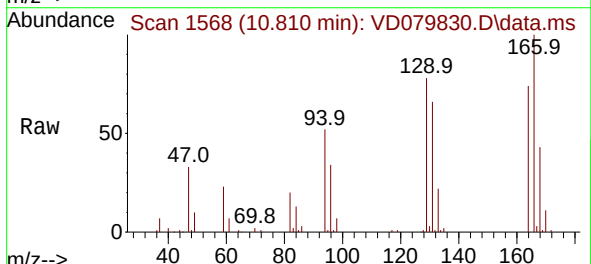


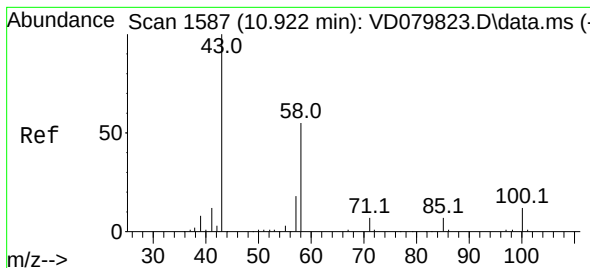
Tgt Ion:	97	Resp:	55975
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.1	83.7
83	93.4	65.2	121.0
85	55.7	39.6	73.6



#46
Tetrachloroethene
Concen: 25.179 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion:	164	Resp:	47260
Ion	Ratio	Lower	Upper
164	100		
129	105.8	68.7	127.5
131	89.4	62.5	116.1
166	135.4	85.0	157.8





#48

2-Hexanone

Concen: 51.401 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

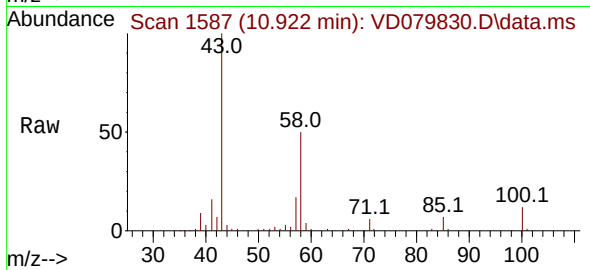
Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 71417

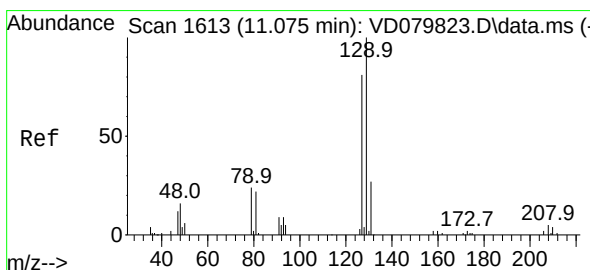
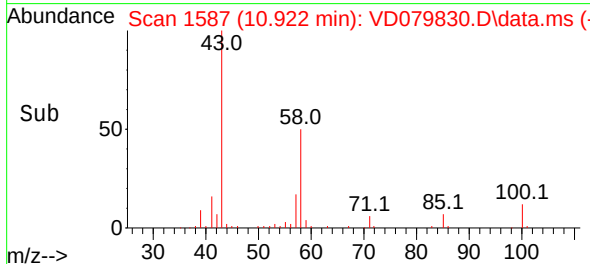
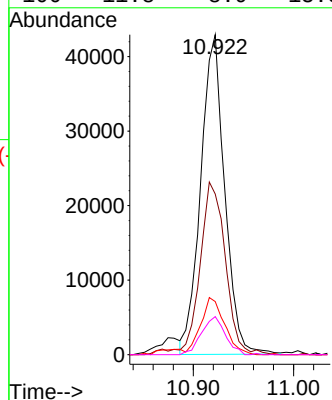
Ion Ratio Lower Upper

43 100

58 54.1 44.7 67.1

57 17.6 13.6 20.4

100 11.8 8.9 13.3



#49

Dibromochloromethane

Concen: 25.323 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079830.D

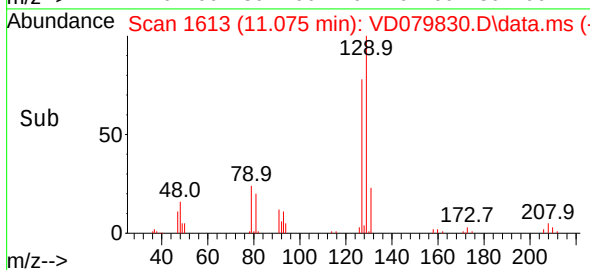
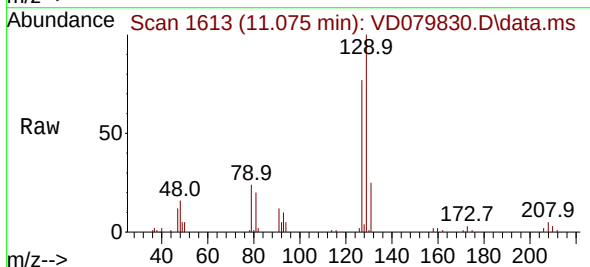
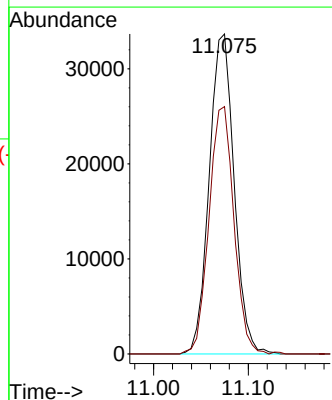
Acq: 13 Sep 2024 10:15

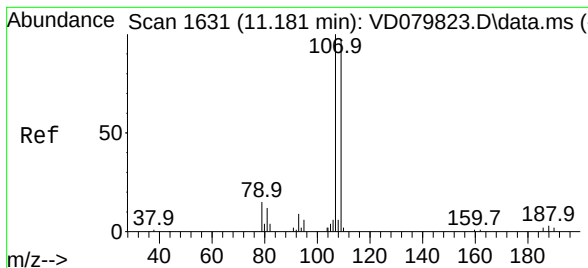
Tgt Ion: 129 Resp: 61620

Ion Ratio Lower Upper

129 100

127 77.3 55.2 102.6





#50

1,2-Dibromoethane

Concen: 24.606 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :

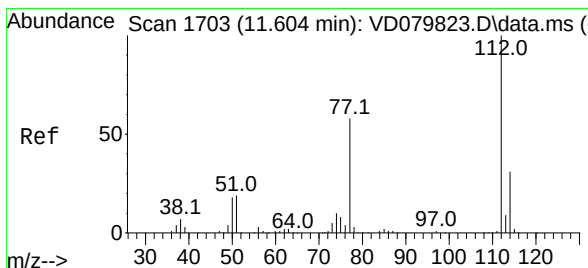
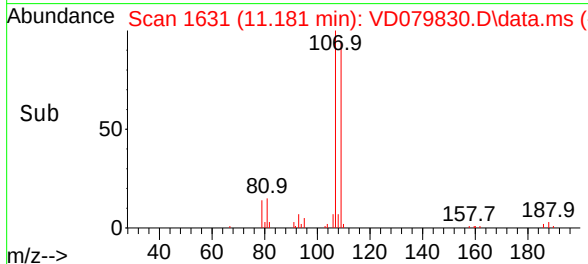
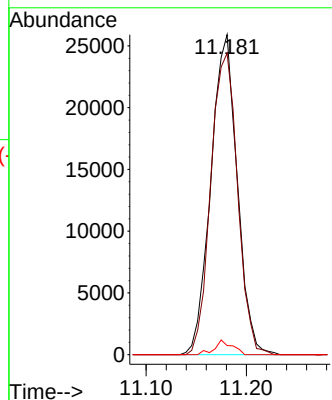
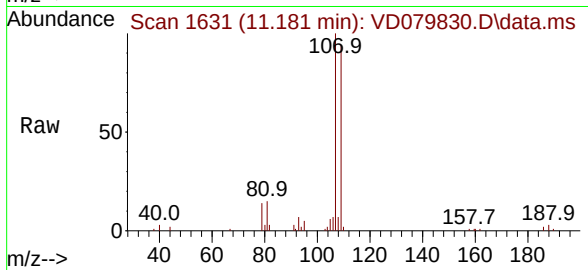
Tgt Ion:107 Resp: 47380

Ion Ratio Lower Upper

107 100

109 94.2 61.5 114.1

188 2.8 2.3 3.5



#51

Chlorobenzene

Concen: 24.928 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

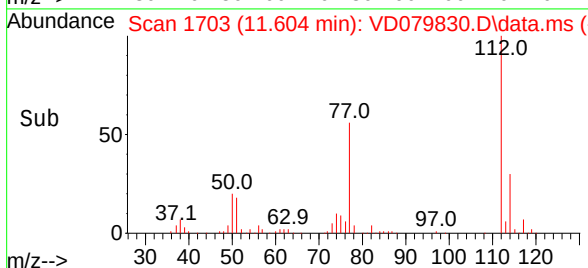
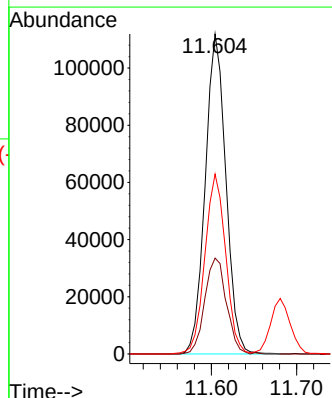
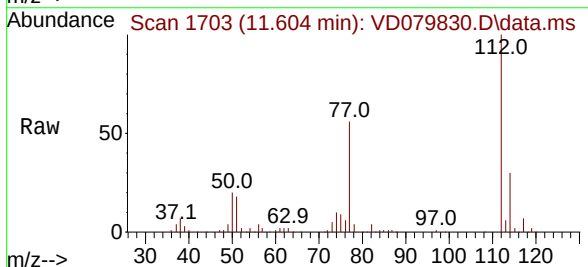
Tgt Ion:112 Resp: 188544

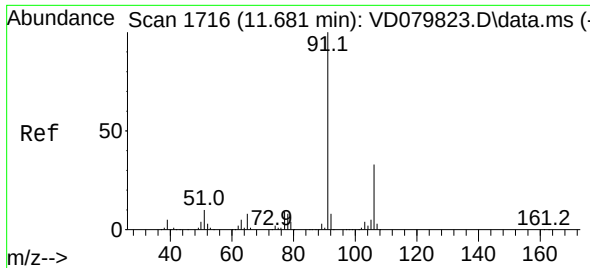
Ion Ratio Lower Upper

112 100

114 30.0 22.0 41.0

77 56.2 46.7 70.1

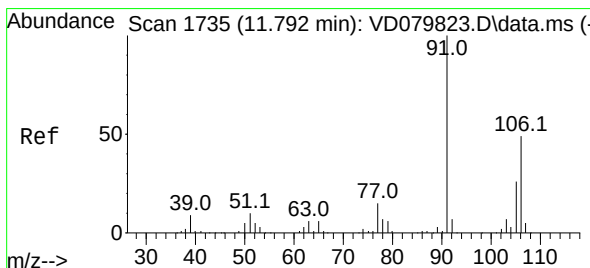
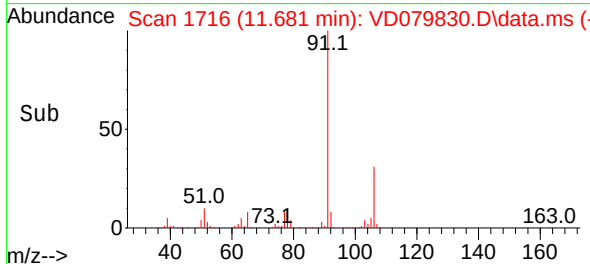
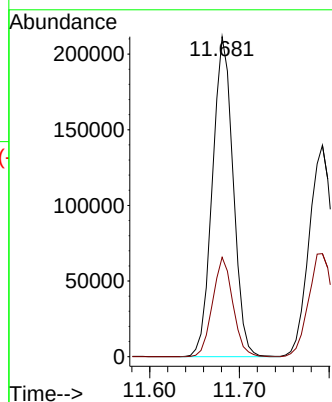
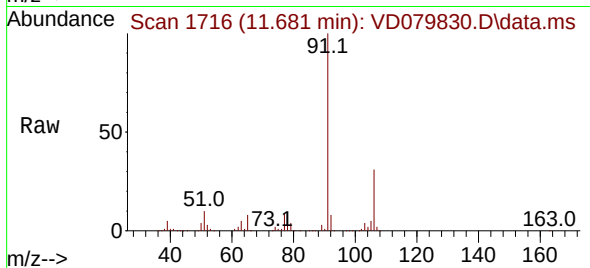




#52
Ethylbenzene
Concen: 25.648 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

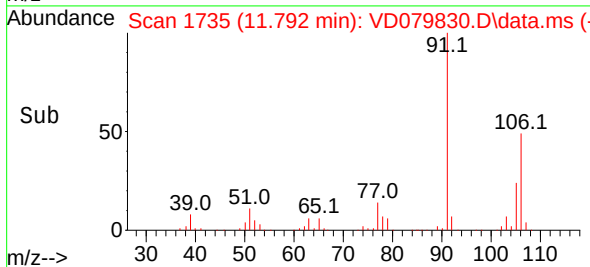
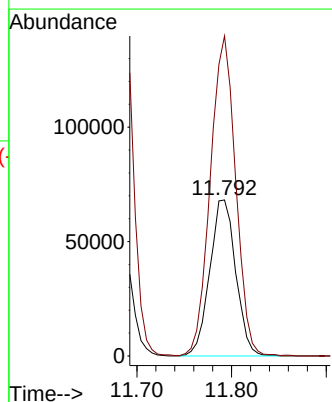
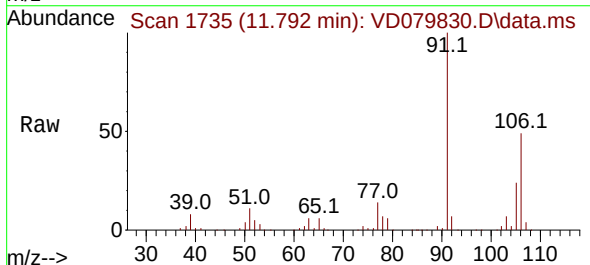
Instrument :
MSVOA_D
ClientSampleId :

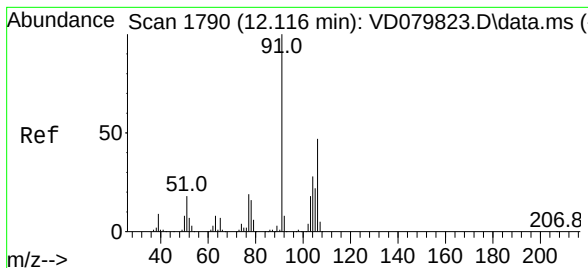
Tgt Ion: 91 Resp: 339580
Ion Ratio Lower Upper
91 100
106 31.0 21.3 39.5



#53
m,p-Xylene
Concen: 25.946 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion:106 Resp: 130113
Ion Ratio Lower Upper
106 100
91 205.2 138.3 256.9

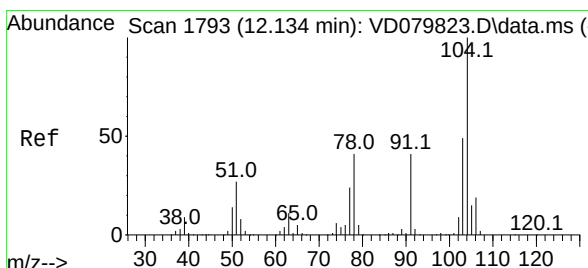
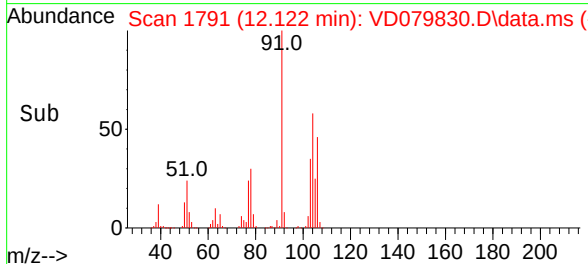
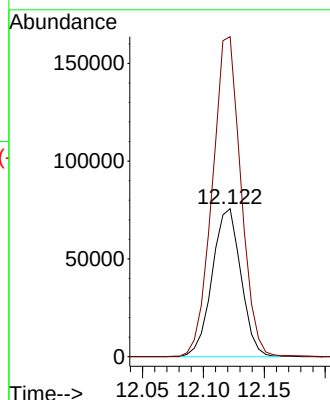
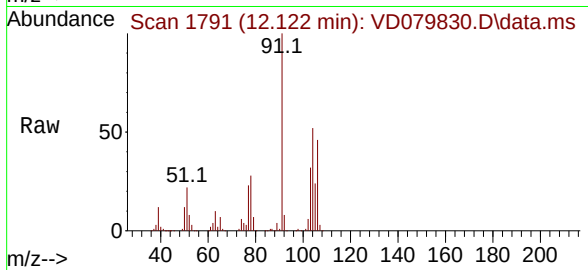




#54
o-Xylene
Concen: 25.294 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

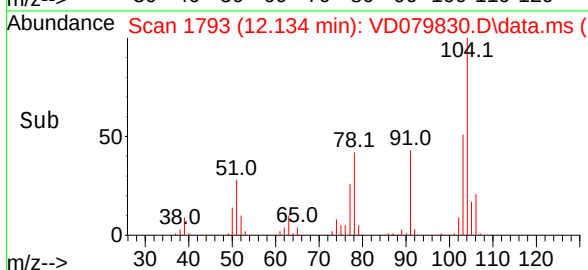
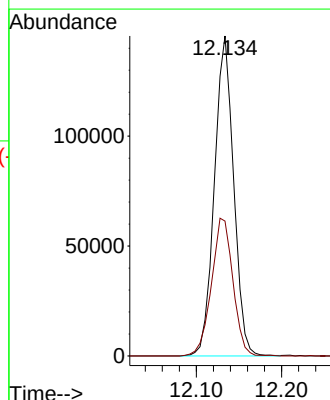
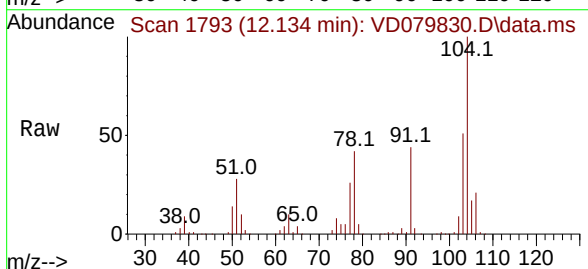
Instrument :
MSVOA_D
ClientSampleId :

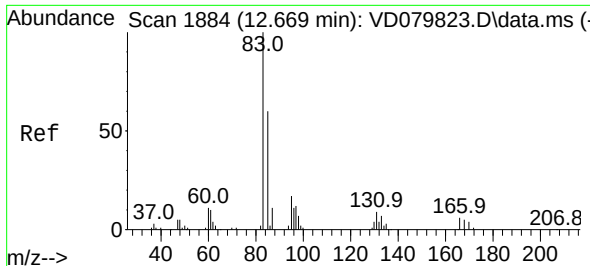
Tgt Ion:106 Resp: 124371
Ion Ratio Lower Upper
106 100
91 216.1 152.6 283.4



#55
Styrene
Concen: 26.495 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion:104 Resp: 228964
Ion Ratio Lower Upper
104 100
78 42.1 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.342 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079830.D

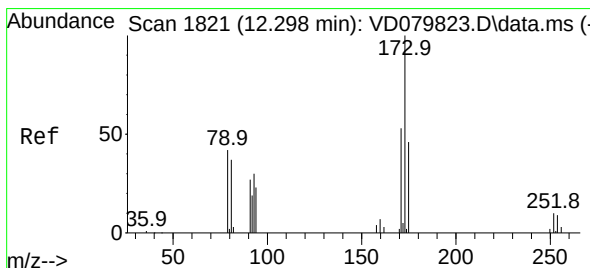
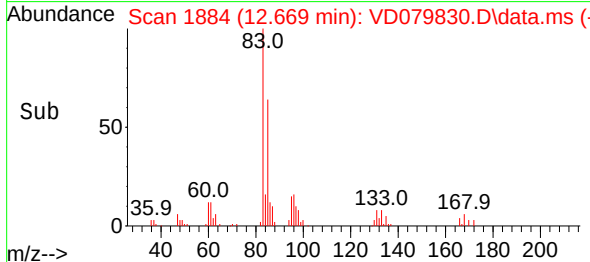
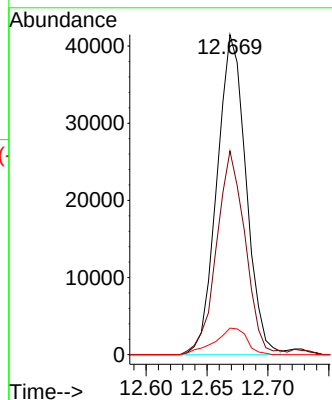
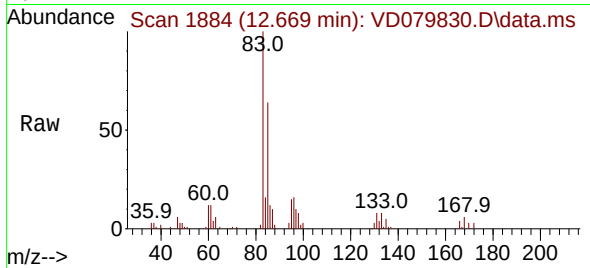
Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	68836
Ion Ratio	Lower	Upper	
83	100		
85	63.7	46.8	87.0
131	8.3	6.5	9.7



#59

Bromoform

Concen: 24.743 ug/L

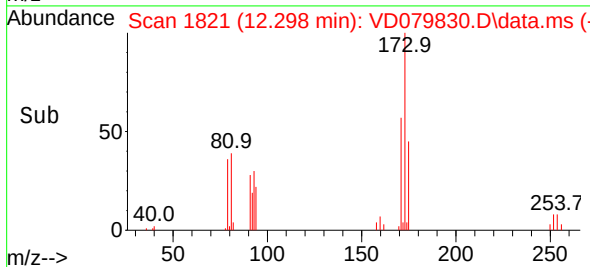
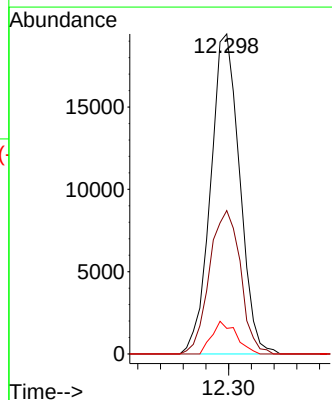
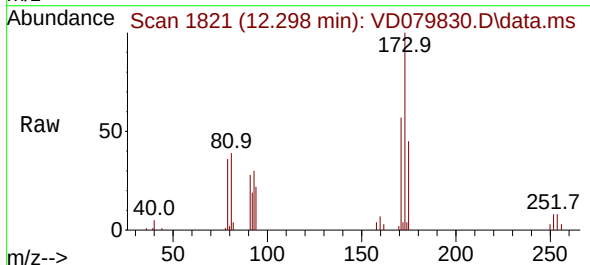
RT: 12.298 min Scan# 1821

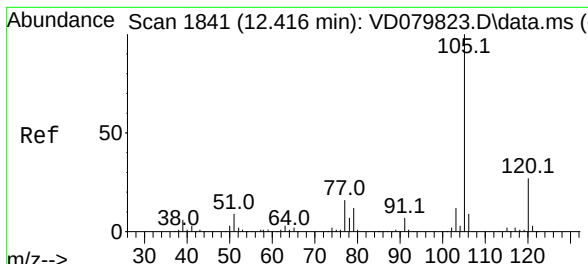
Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Tgt Ion:	173	Resp:	34448
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.2	58.8
254	8.6	5.5	8.3#

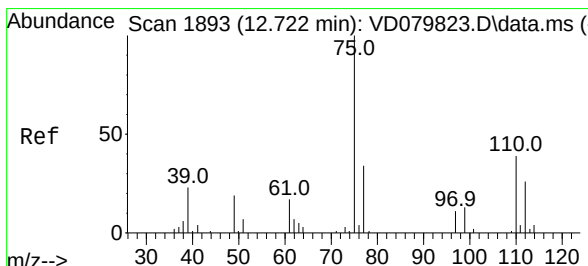
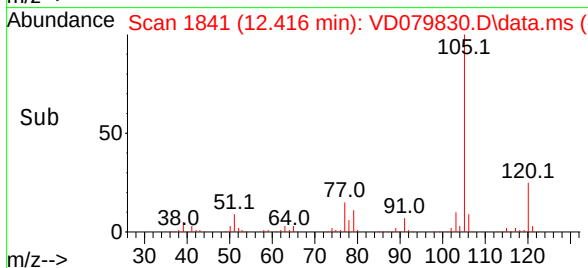
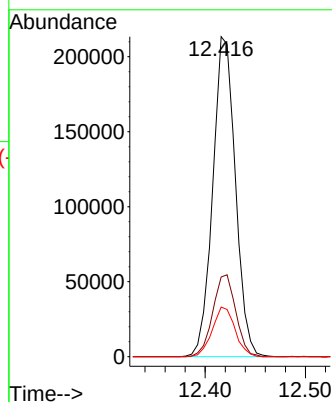
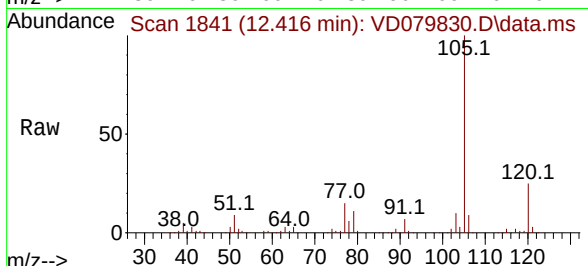




#60
Isopropylbenzene
Concen: 24.030 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

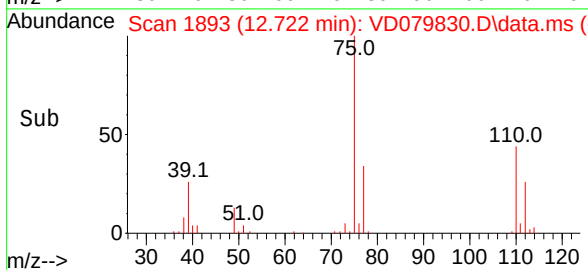
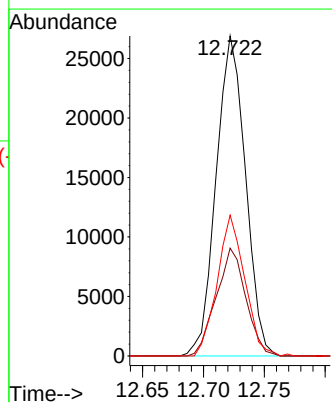
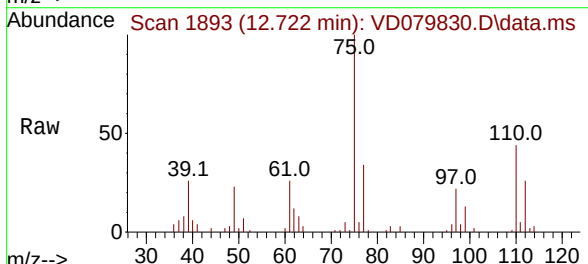
Instrument :
MSVOA_D
ClientSampleId :

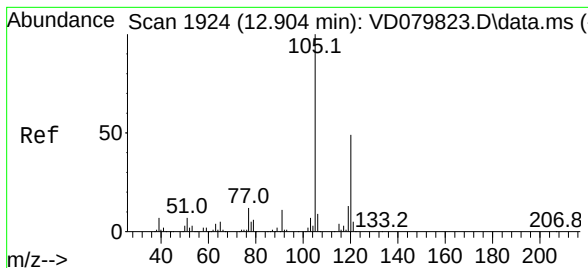
Tgt Ion:105 Resp: 334599
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.754 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion: 75 Resp: 45108
Ion Ratio Lower Upper
75 100
77 34.0 25.1 37.7
110 41.1 30.1 45.1

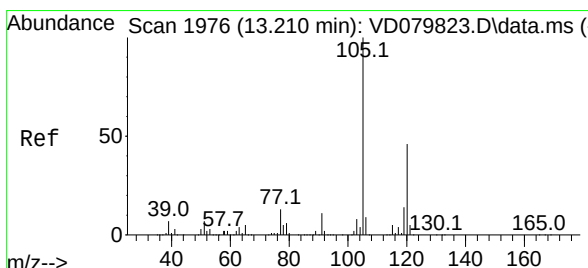
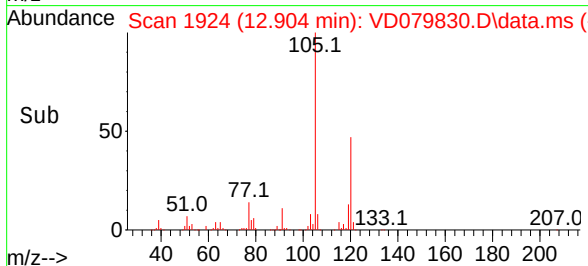
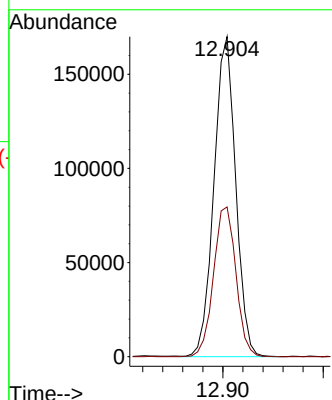
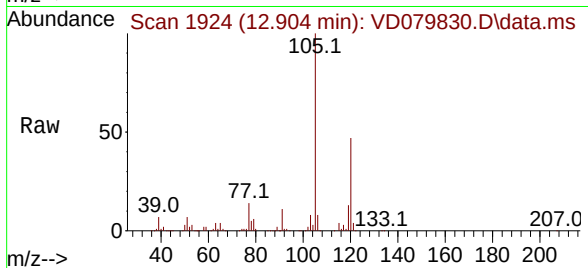




#62
1,3,5-Trimethylbenzene
Concen: 25.050 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

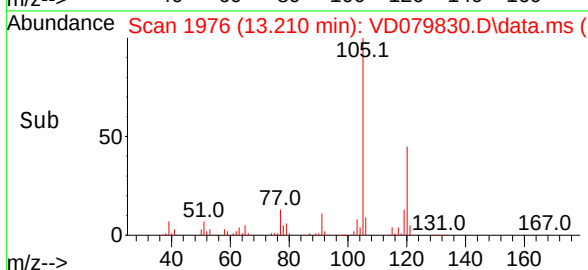
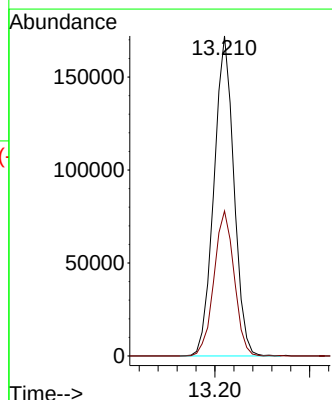
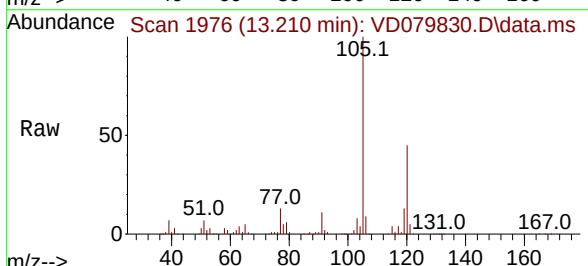
Instrument :
MSVOA_D
ClientSampleId :

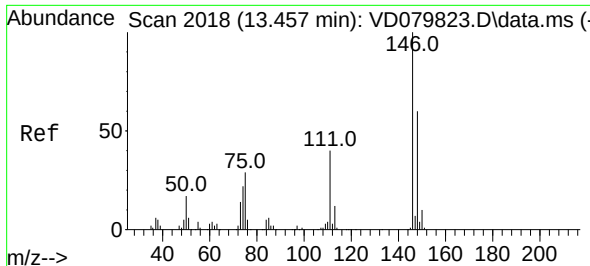
Tgt Ion:105 Resp: 255097
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 23.521 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt Ion:105 Resp: 251185
Ion Ratio Lower Upper
105 100
120 45.9 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 24.276 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :

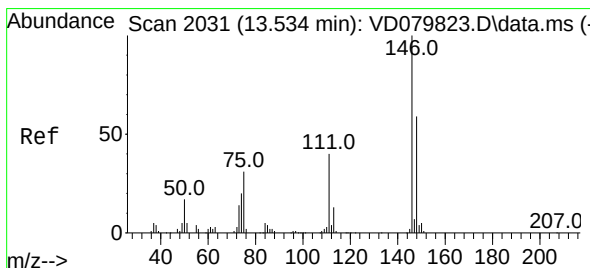
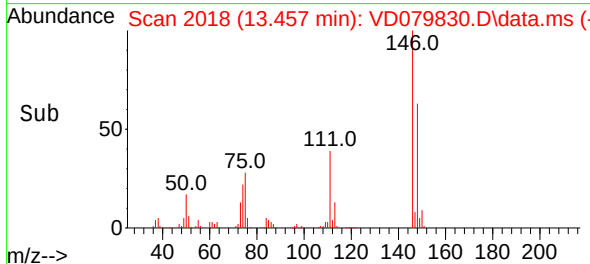
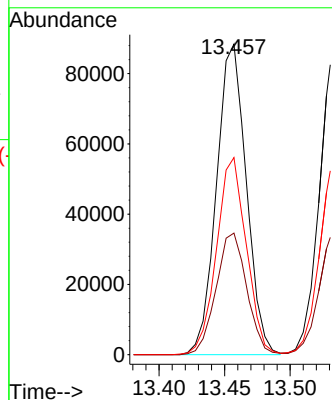
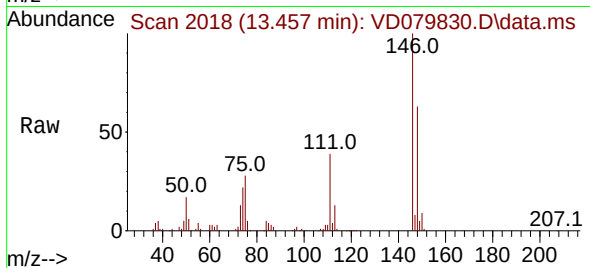
Tgt Ion:146 Resp: 139690

Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 63.5 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 23.820 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

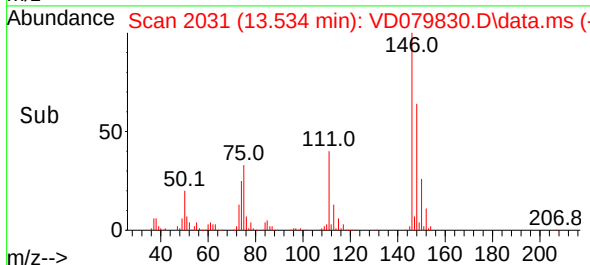
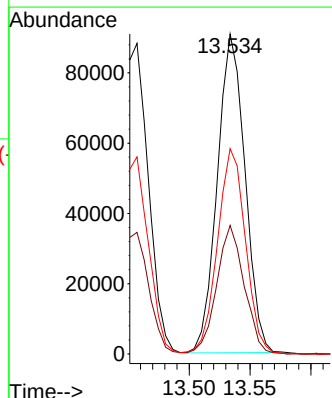
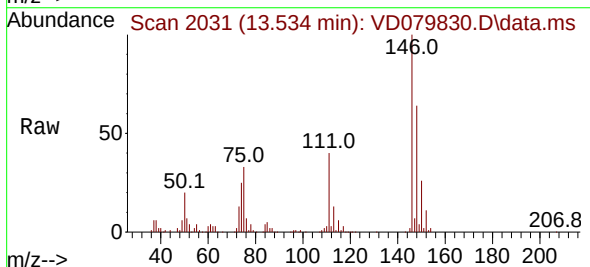
Tgt Ion:146 Resp: 143770

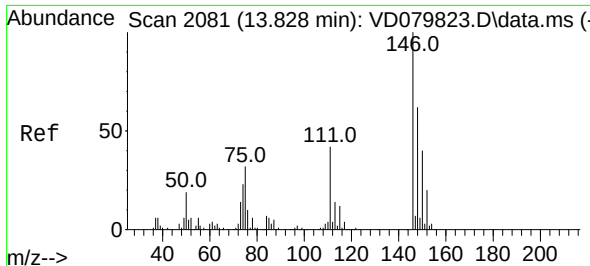
Ion Ratio Lower Upper

146 100

111 40.2 27.6 51.4

148 64.2 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 24.141 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :

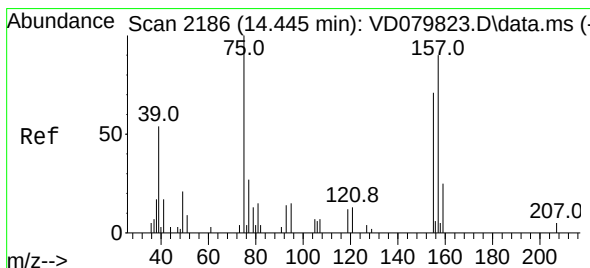
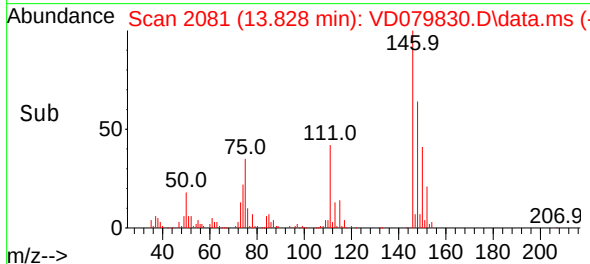
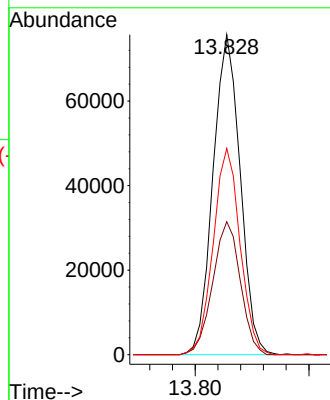
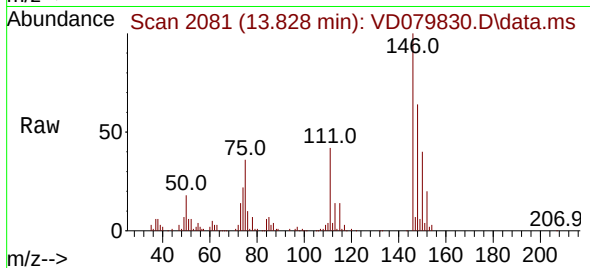
Tgt Ion:146 Resp: 125555

Ion Ratio Lower Upper

146 100

111 41.5 36.9 55.3

148 64.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.321 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

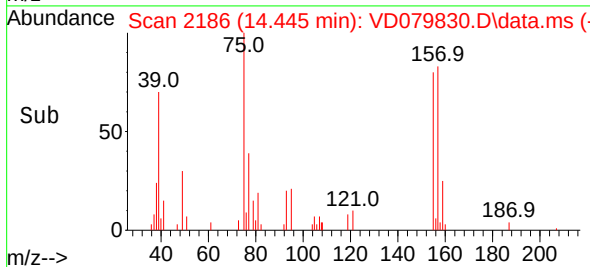
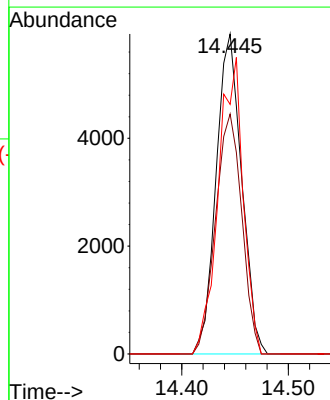
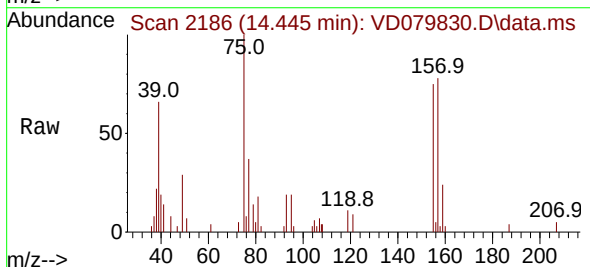
Tgt Ion: 75 Resp: 9865

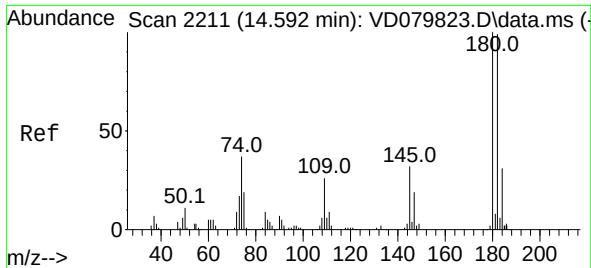
Ion Ratio Lower Upper

75 100

155 75.0 57.2 85.8

157 78.0 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 23.119 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

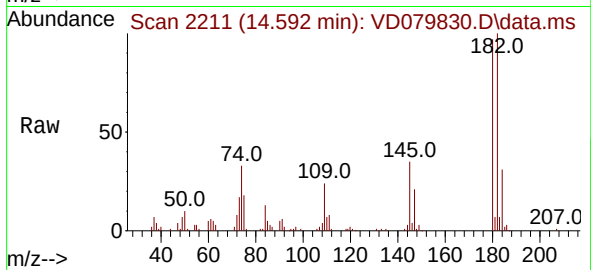
Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 80664

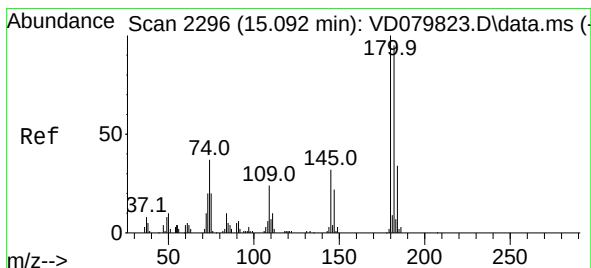
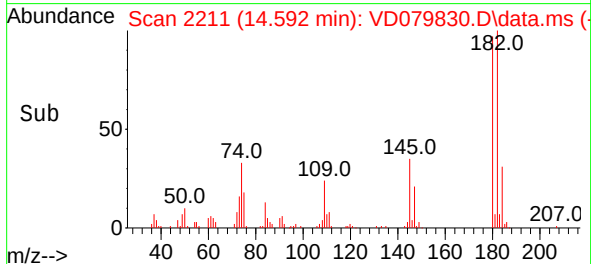
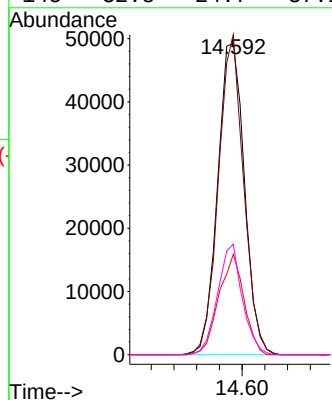
Ion Ratio Lower Upper

180 100

182 96.2 72.6 109.0

184 30.3 24.2 36.2

145 32.8 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 22.923 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079830.D

Acq: 13 Sep 2024 10:15

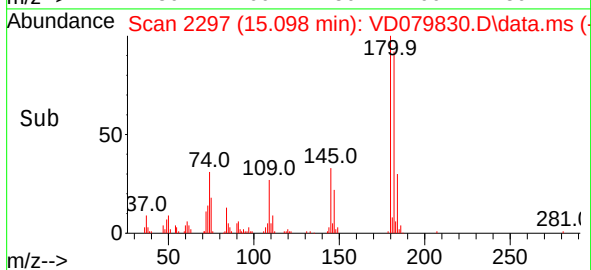
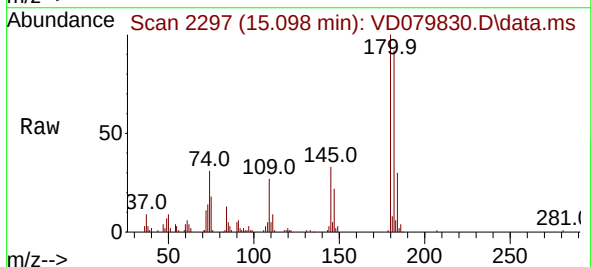
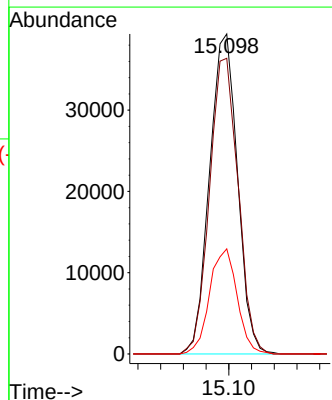
Tgt Ion:180 Resp: 67342

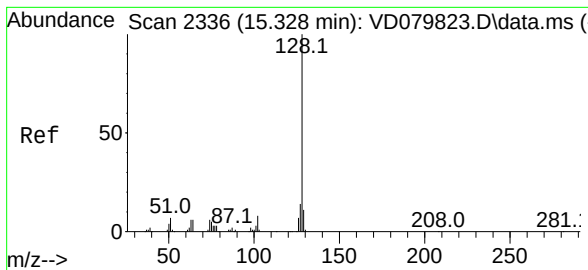
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 32.4 26.6 40.0

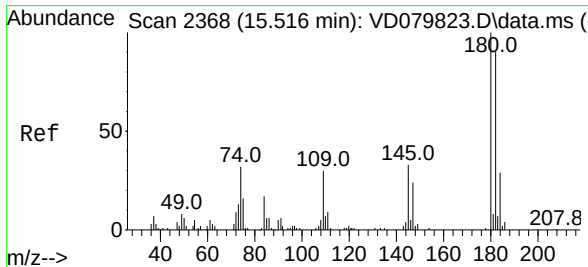
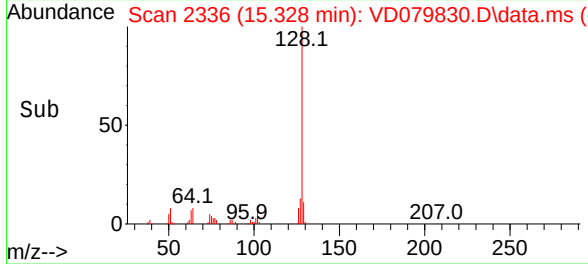
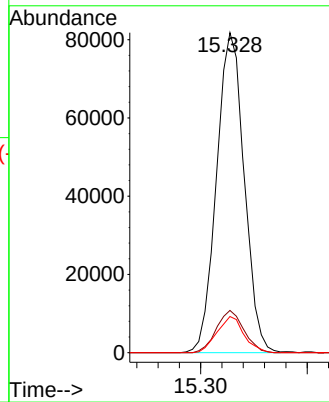
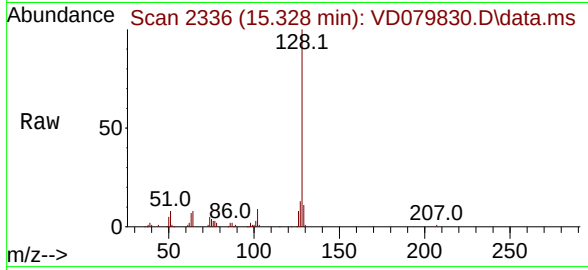




#71
Naphthalene
Concen: 22.464 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Instrument : MSVOA_D
ClientSampleId :

Tgt	Ion:128	Resp:	147394
Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.2	16.8
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.101 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079830.D
Acq: 13 Sep 2024 10:15

Tgt	Ion:180	Resp:	63332
Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.1	111.1
145	33.2	26.4	39.6

