

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091224\
 Data File : VD079828.D
 Acq On : 12 Sep 2024 14:53
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 00:17:56 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	169276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	164986	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83325	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	171597	23.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
7) Chloroethane-d5	2.799	69	138013	23.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	3.917	65	32329	24.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.760%
21) 2-Butanone-d5	6.987	46	35299	51.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.220%
24) Chloroform-d	7.563	84	140253	25.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	8.228	65	74950	25.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.040%
32) Benzene-d6	8.199	84	301759	25.907	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.210	67	89758	25.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	10.269	98	280787	27.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.560%
43) trans-1,3-Dichloroprop...	10.522	79	39488	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.000%
47) 2-Hexanone-d5	10.875	63	34135	58.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.400%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	75718	28.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	80244	25.536	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	75691	23.450	ug/L	99
3) Chloromethane	2.146	50	125642	22.205	ug/L	100
5) Vinyl chloride	2.281	62	164570	23.735	ug/L	100
6) Bromomethane	2.693	94	85377	24.455	ug/L	99
8) Chloroethane	2.834	64	109837	23.978	ug/L	95
9) Trichlorofluoromethane	3.170	101	118808	23.832	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	68646	24.877	ug/L	99
12) 1,1-Dichloroethene	3.940	96	61444	23.907	ug/L	87
13) Acetone	4.017	43	47938	57.495	ug/L	93
14) Carbon disulfide	4.269	76	188396	22.535	ug/L	100
15) Methyl Acetate	4.564	43	33673	25.354	ug/L	97
16) Methylene chloride	4.799	84	78442	23.452	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	69391	25.321	ug/L	91
18) Methyl tert-butyl Ether	5.316	73	154053	24.988	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	134026	24.622	ug/L	95
20) cis-1,2-Dichloroethene	7.075	96	75824	25.129	ug/L	96
22) 2-Butanone	7.087	43	53961	55.171	ug/L	96
23) Bromochloromethane	7.428	128	34122	26.644	ug/L	87
25) Chloroform	7.593	83	141422	24.958	ug/L	90

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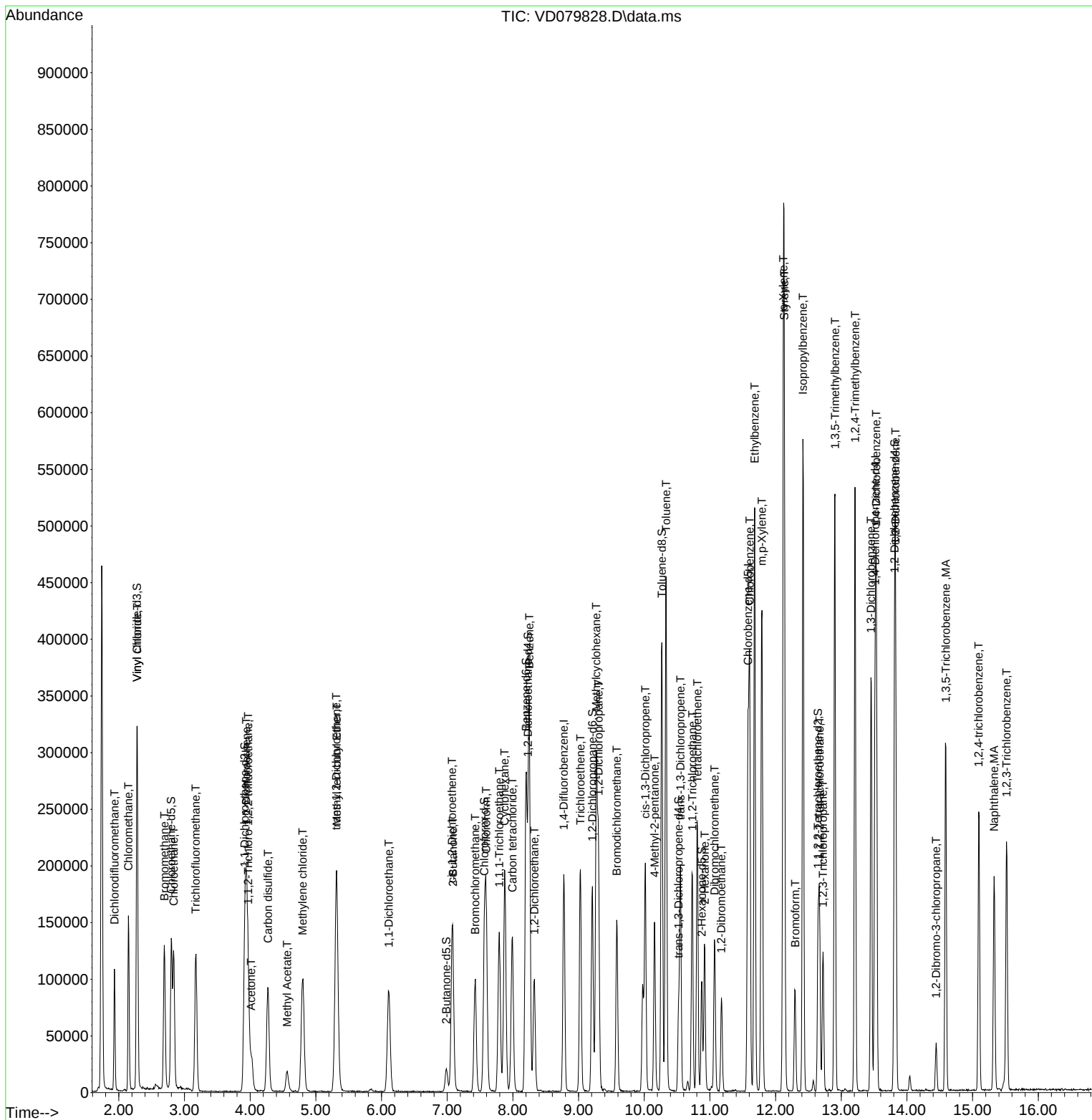
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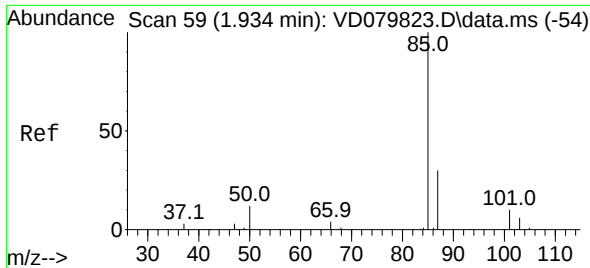
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	85325	24.637	ug/L	95
29) Cyclohexane	7.875	56	103111	25.267	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	116769	25.965	ug/L	98
31) Carbon tetrachloride	7.993	117	104446	26.213	ug/L	99
33) Benzene	8.252	78	313621	25.528	ug/L	100
34) Trichloroethene	9.028	95	71672	25.248	ug/L	94
35) Methylcyclohexane	9.269	83	121439	26.509	ug/L	99
37) 1,2-Dichloropropane	9.305	63	86657	25.865	ug/L #	100
38) Bromodichloromethane	9.581	83	100917	25.851	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	124613	26.487	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	99041	56.472	ug/L	99
42) Toluene	10.334	91	348155	26.904	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	113907	27.472	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	61115	26.699	ug/L	96
46) Tetrachloroethene	10.810	164	52074	27.021	ug/L	98
48) 2-Hexanone	10.922	43	84574	59.285	ug/L	99
49) Dibromochloromethane	11.069	129	67088	26.852	ug/L	97
50) 1,2-Dibromoethane	11.175	107	53079	26.848	ug/L	98
51) Chlorobenzene	11.604	112	201819	25.987	ug/L	96
52) Ethylbenzene	11.681	91	364265	26.796	ug/L	99
53) m,p-Xylene	11.793	106	138434	26.886	ug/L	97
54) o-Xylene	12.116	106	132884	26.321	ug/L	97
55) Styrene	12.134	104	246392	27.769	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	77956	29.055	ug/L	93
59) Bromoform	12.298	173	38375	26.679	ug/L	98
60) Isopropylbenzene	12.416	105	359057	24.959	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	49915	24.371	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	279259	26.543	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	277790	25.177	ug/L	99
64) 1,3-Dichlorobenzene	13.451	146	148971	25.058	ug/L	93
65) 1,4-Dichlorobenzene	13.534	146	154493	24.775	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	136578	25.417	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	11262	26.874	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	89255	24.760	ug/L	97
70) 1,2,4-trichlorobenzene	15.092	180	73316	24.156	ug/L	99
71) Naphthalene	15.328	128	166827	24.610	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	67800	24.974	ug/L	97

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

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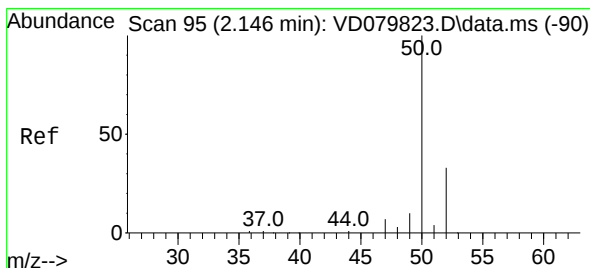
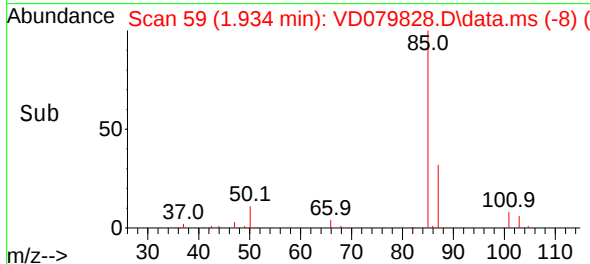
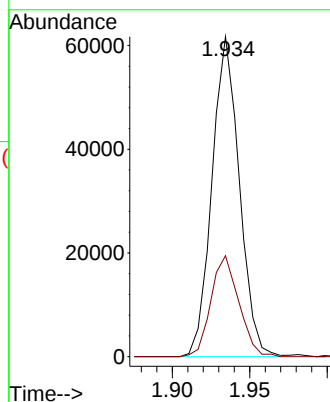
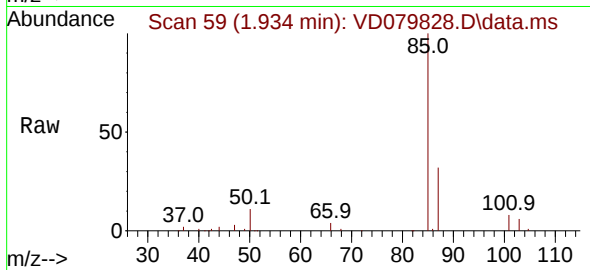




#2
 Dichlorodifluoromethane
 Concen: 23.450 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

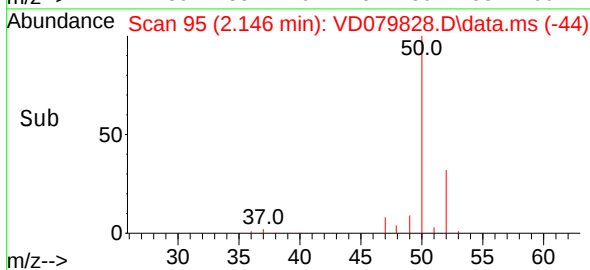
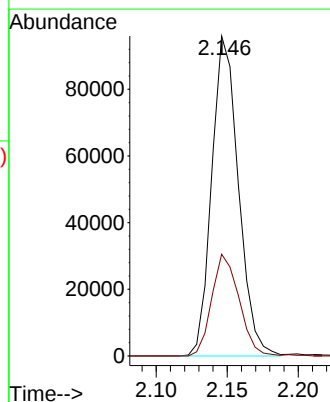
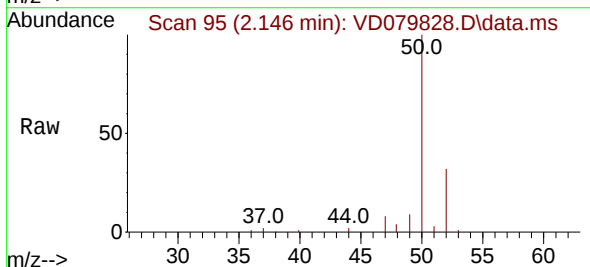
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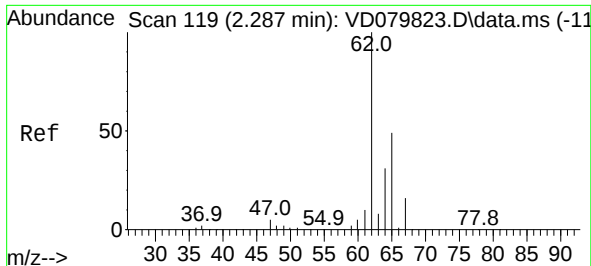
Tgt Ion: 85 Resp: 75691
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.0 37.6



#3
 Chloromethane
 Concen: 22.205 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

Tgt Ion: 50 Resp: 125642
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.4 41.6

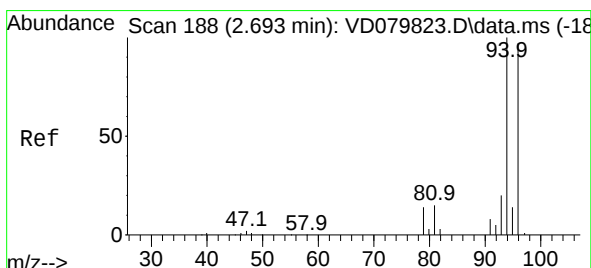
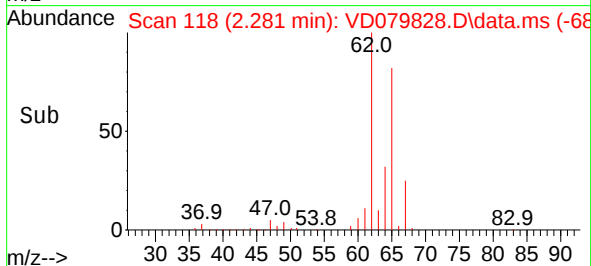
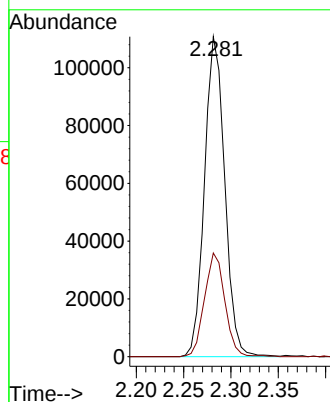
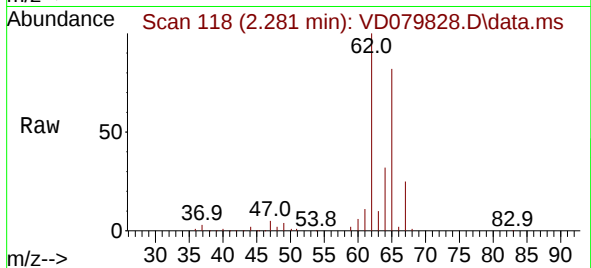




#5
 Vinyl chloride
 Concen: 23.735 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

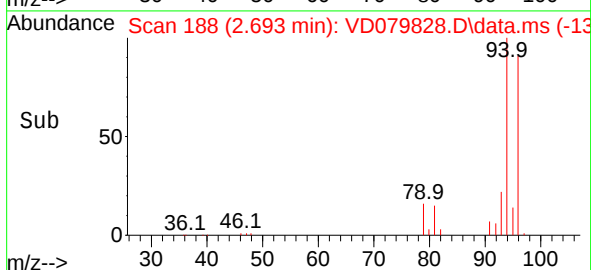
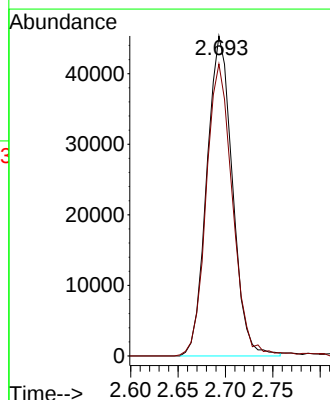
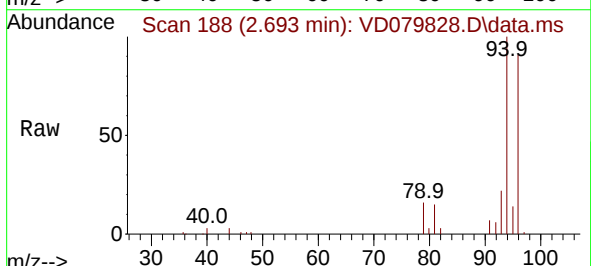
Instrument :
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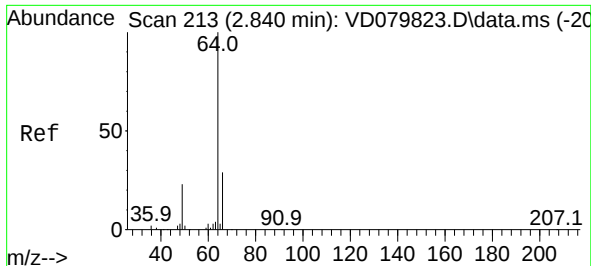
Tgt Ion: 62 Resp: 164570
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#6
 Bromomethane
 Concen: 24.455 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

Tgt Ion: 94 Resp: 85377
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.3 119.5

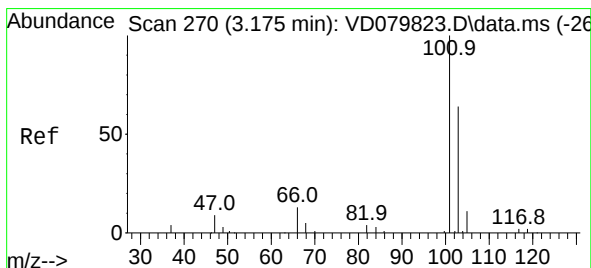
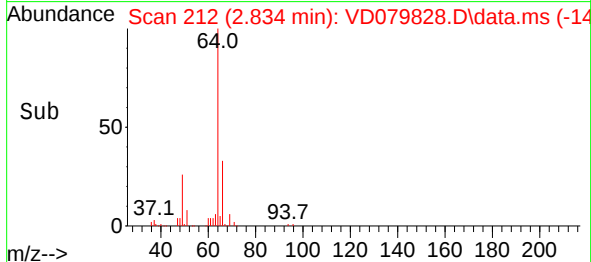
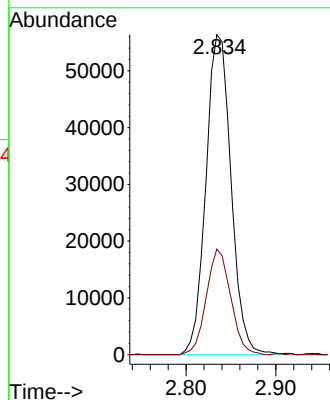
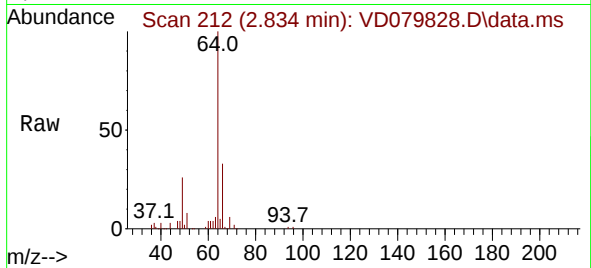




#8
Chloroethane
Concen: 23.978 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

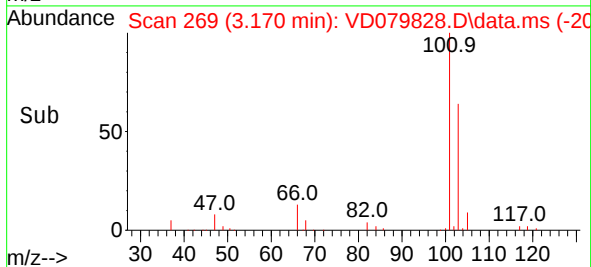
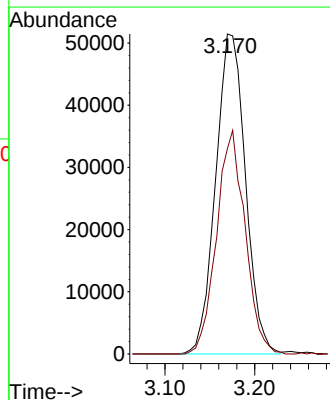
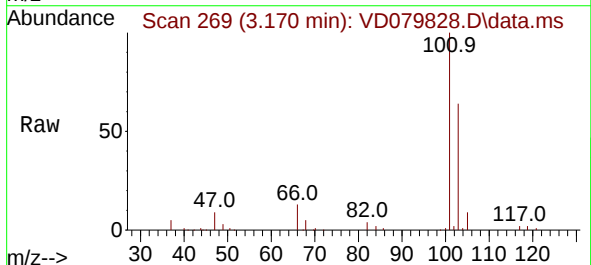
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ClientSampleId :

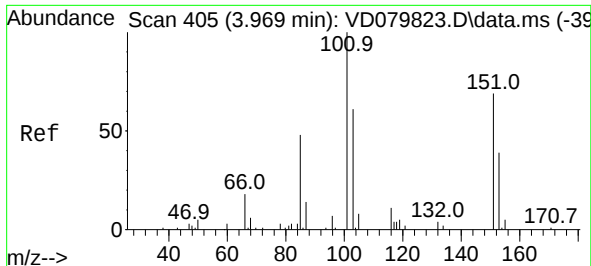
Tgt Ion: 64 Resp: 109837
Ion Ratio Lower Upper
64 100
66 33.0 21.3 39.6



#9
Trichlorofluoromethane
Concen: 23.832 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion:101 Resp: 118808
Ion Ratio Lower Upper
101 100
103 66.7 50.5 75.7

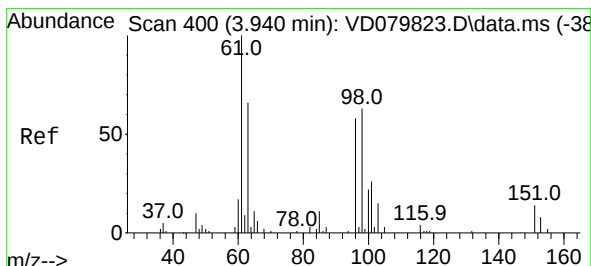
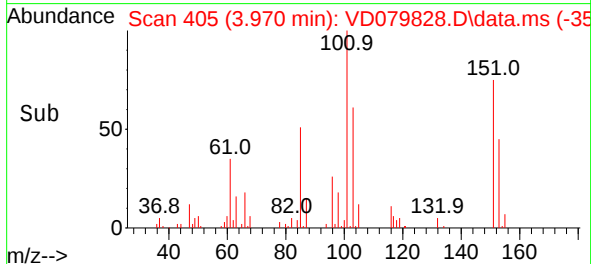
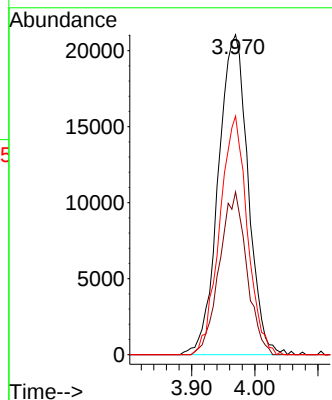
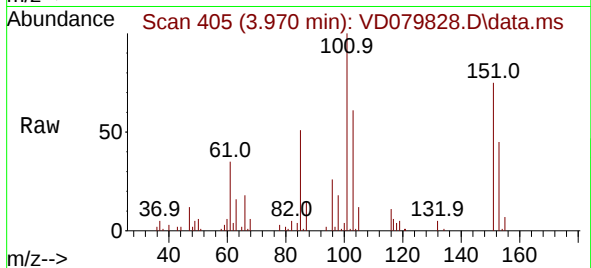




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.877 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

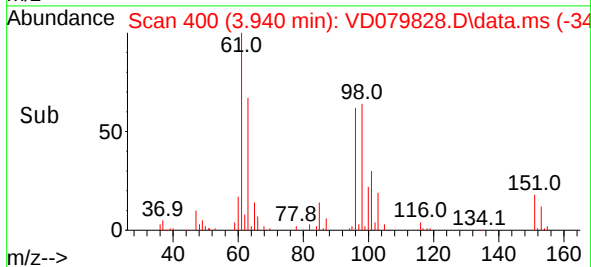
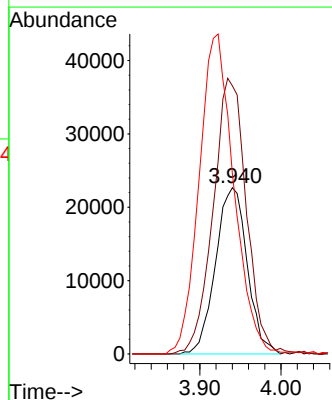
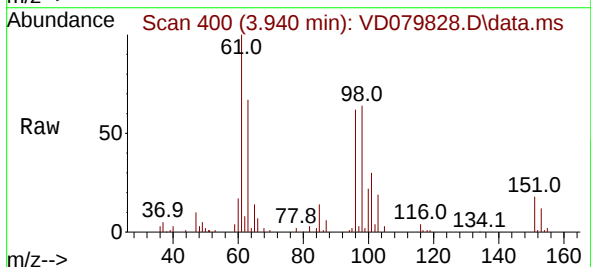
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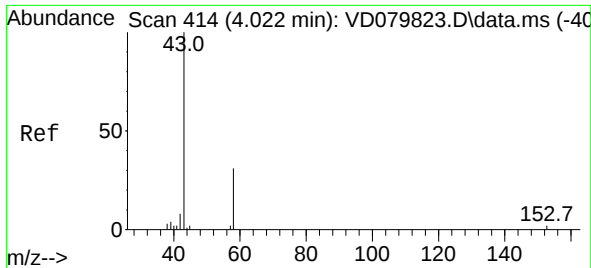
Tgt Ion:101 Resp: 68646
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.8 56.8
 151 69.3 54.2 81.4



#12
 1,1-Dichloroethene
 Concen: 23.907 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

Tgt Ion: 96 Resp: 61444
 Ion Ratio Lower Upper
 96 100
 61 161.3 119.8 222.4
 63 108.5 93.9 174.3

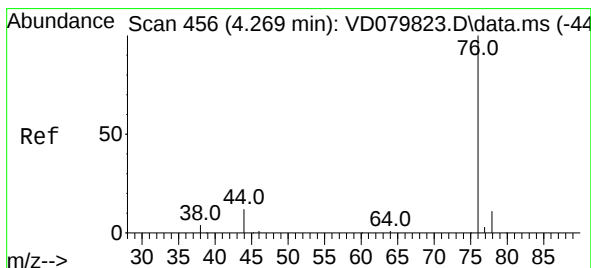
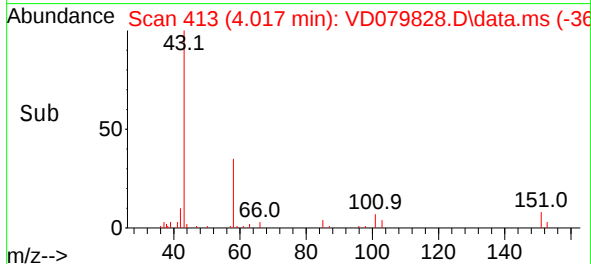
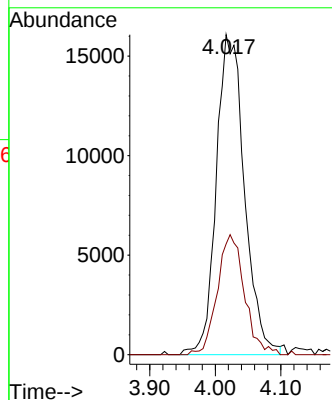
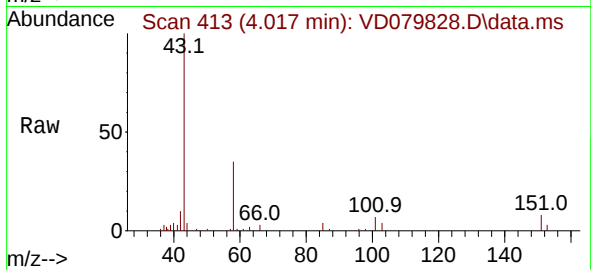




#13
Acetone
Concen: 57.495 ug/L
RT: 4.017 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

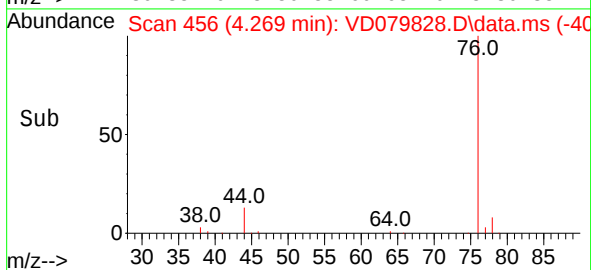
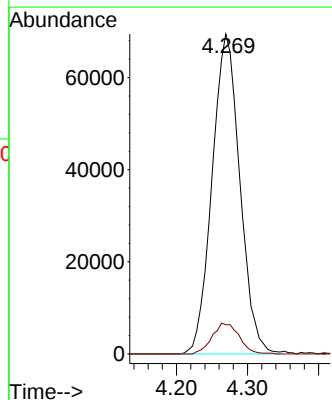
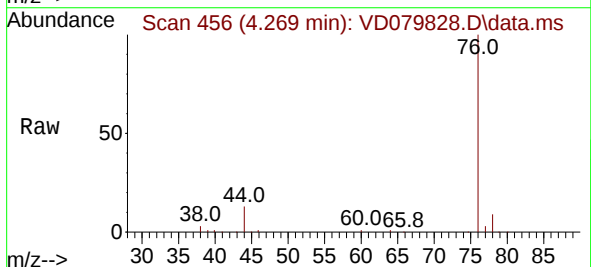
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ClientSampleId :

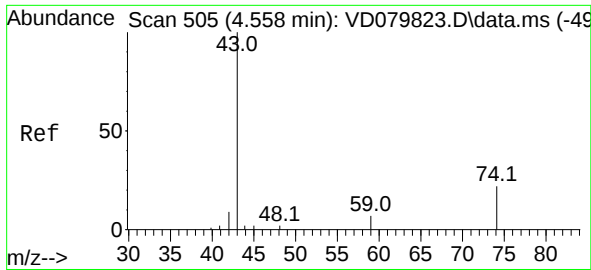
Tgt Ion: 43 Resp: 47938
Ion Ratio Lower Upper
43 100
58 34.0 0.0 75.8



#14
Carbon disulfide
Concen: 22.535 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 76 Resp: 188396
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 25.354 ug/L

RT: 4.564 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

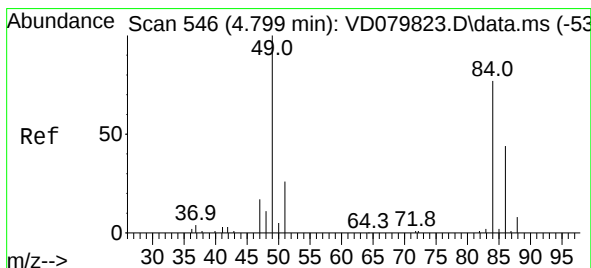
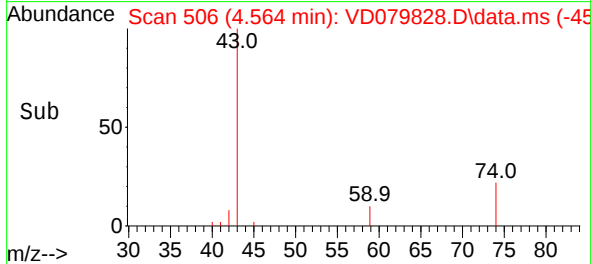
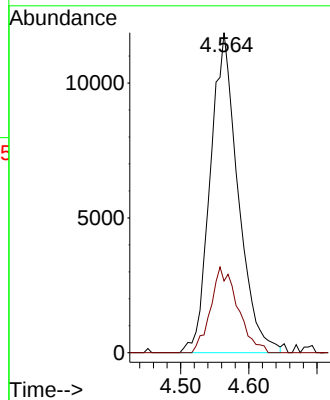
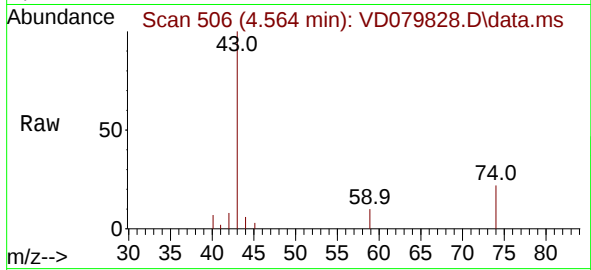
ClientSampleId :

Tgt Ion: 43 Resp: 33673

Ion Ratio Lower Upper

43 100

74 13.8 11.9 17.9



#16

Methylene chloride

Concen: 23.452 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

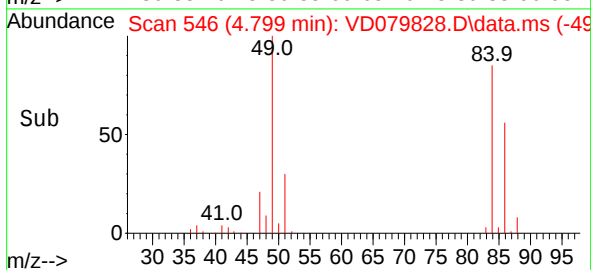
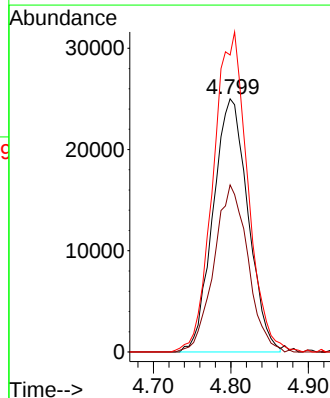
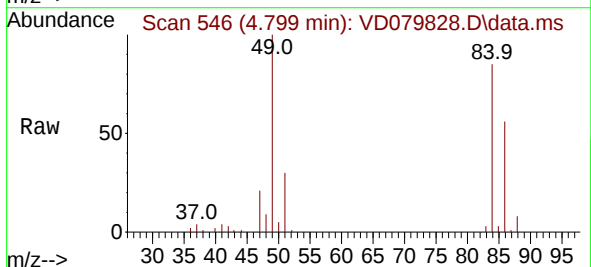
Tgt Ion: 84 Resp: 78442

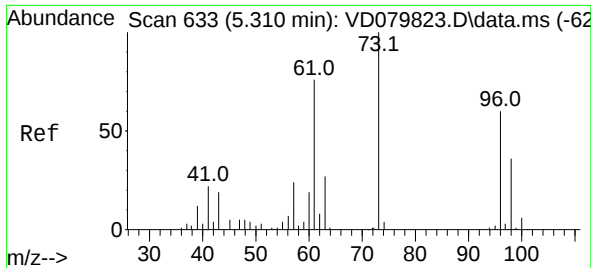
Ion Ratio Lower Upper

84 100

86 66.0 41.0 76.2

49 117.3 90.0 167.2

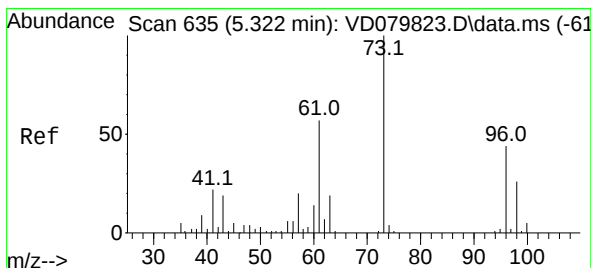
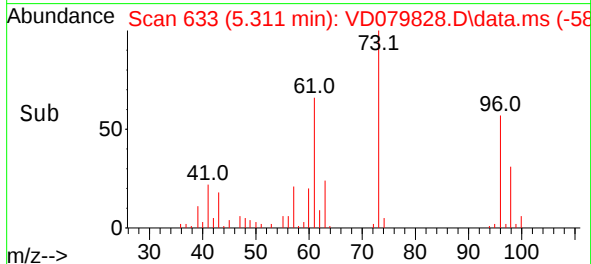
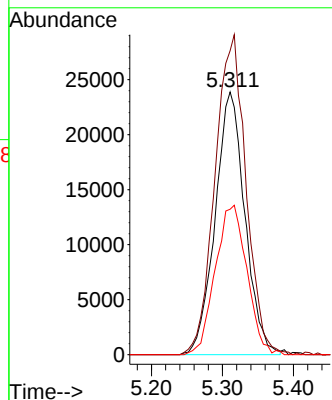
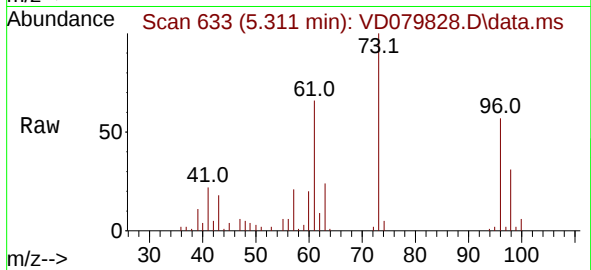




#17
trans-1,2-Dichloroethene
Concen: 25.321 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

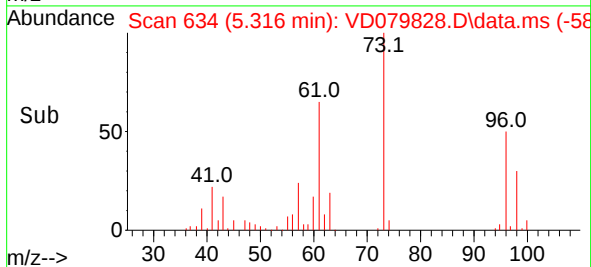
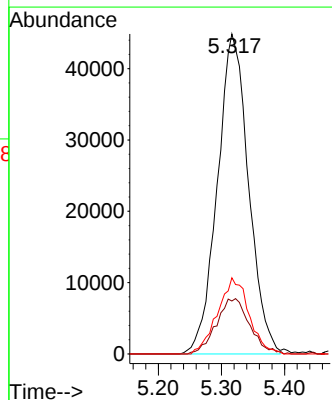
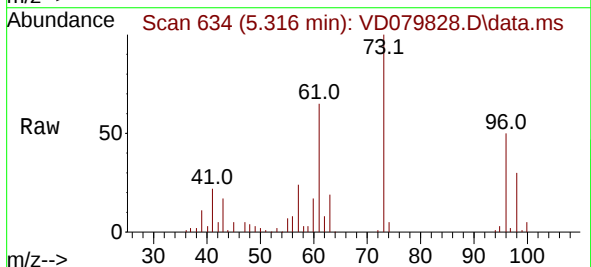
Instrument :
MSVOA_D
ClientSampleId :

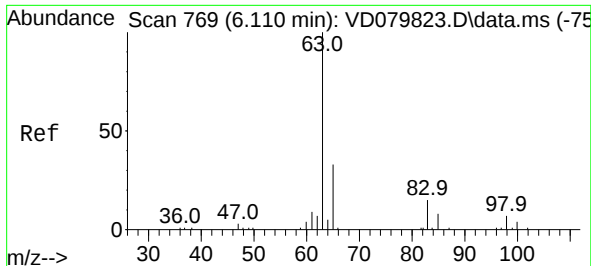
Tgt Ion: 96 Resp: 69391
Ion Ratio Lower Upper
96 100
61 115.7 88.7 164.7
98 55.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 24.988 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 73 Resp: 154053
Ion Ratio Lower Upper
73 100
43 9.5 14.5 21.7#
57 23.8 18.8 28.2

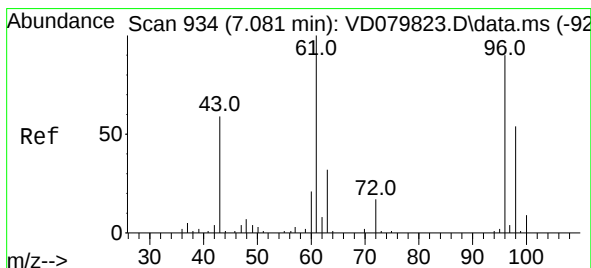
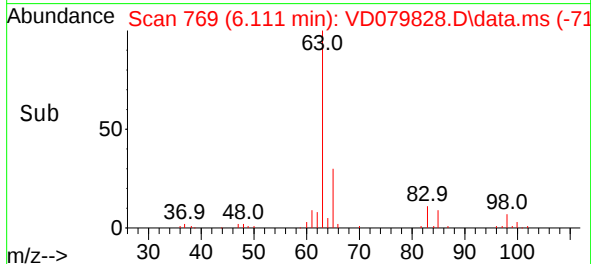
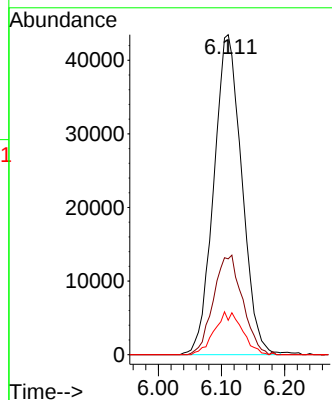
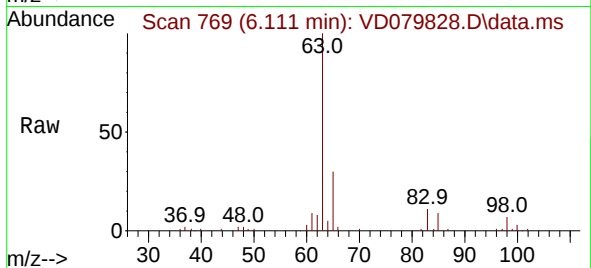




#19
1,1-Dichloroethane
Concen: 24.622 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

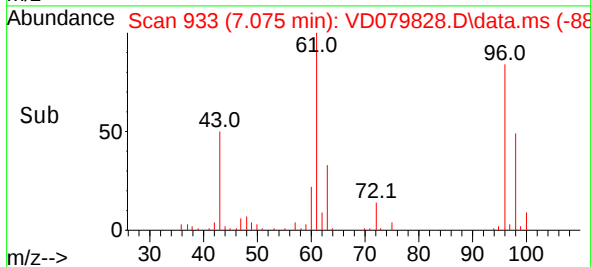
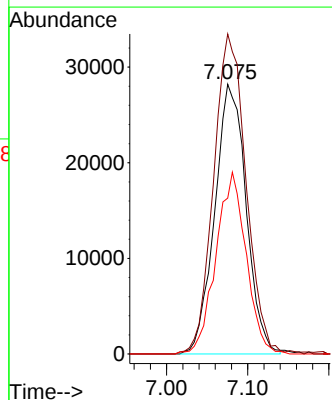
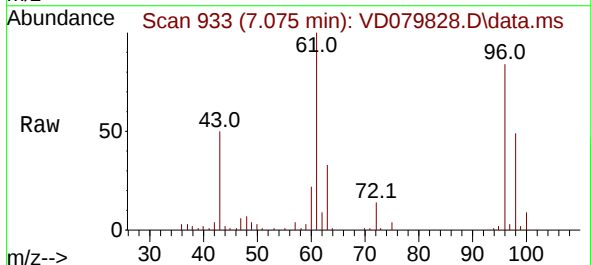
Instrument :
MSVOA_D
ClientSampleId :

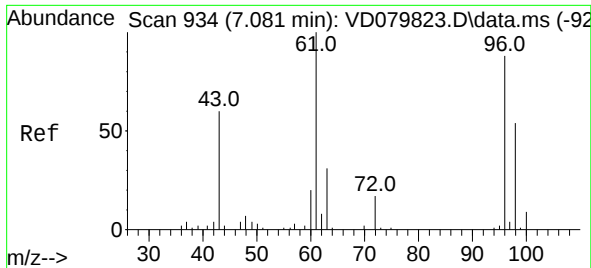
Tgt Ion: 63 Resp: 134026
Ion Ratio Lower Upper
63 100
65 29.9 22.6 42.0
83 10.8 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 25.129 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 96 Resp: 75824
Ion Ratio Lower Upper
96 100
61 118.6 83.8 155.6
98 57.7 45.9 85.3

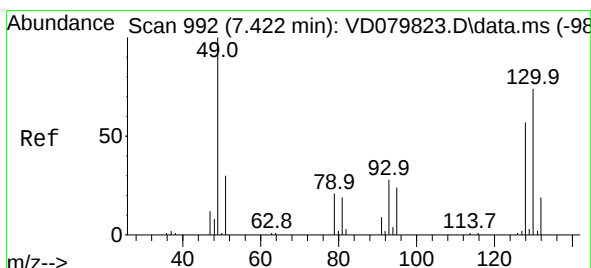
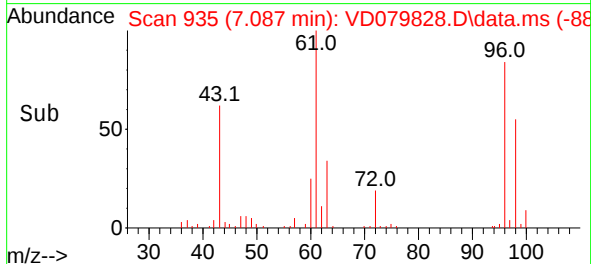
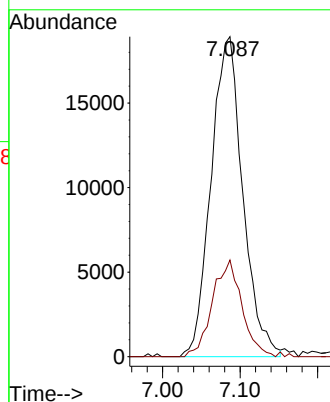
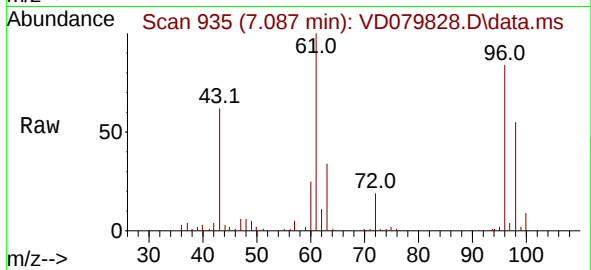




#22
2-Butanone
Concen: 55.171 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

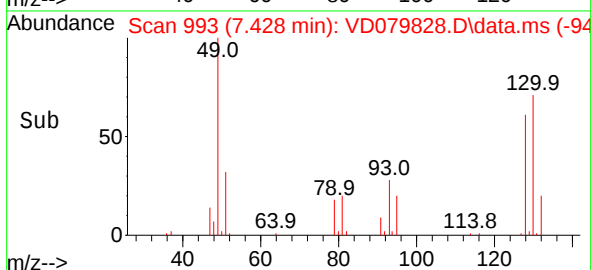
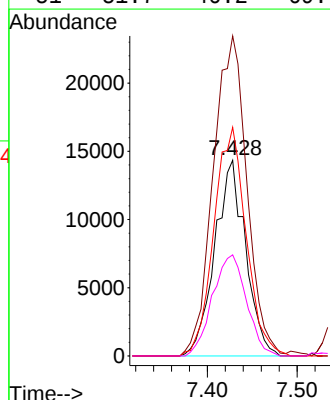
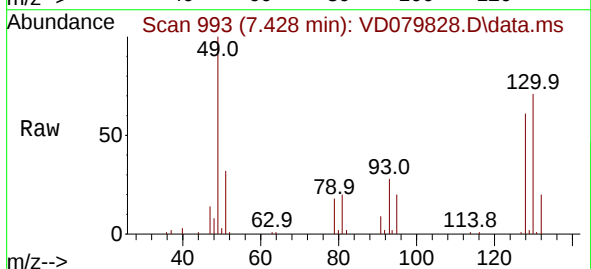
Instrument :
MSVOA_D
ClientSampleId :

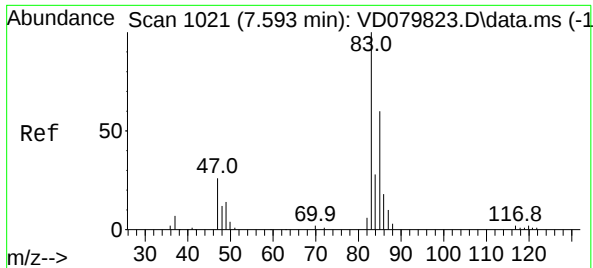
Tgt Ion: 43 Resp: 53961
Ion Ratio Lower Upper
43 100
72 28.0 13.1 39.3



#23
Bromochloromethane
Concen: 26.644 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion:128 Resp: 34122
Ion Ratio Lower Upper
128 100
49 163.5 132.3 245.7
130 116.9 89.4 166.0
51 51.7 46.2 69.4

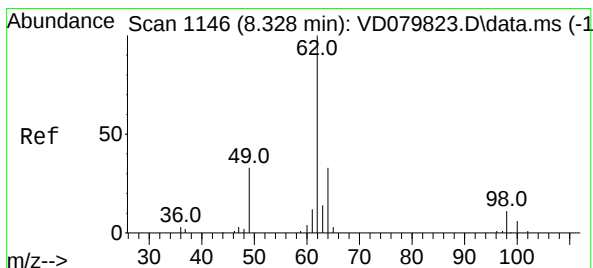
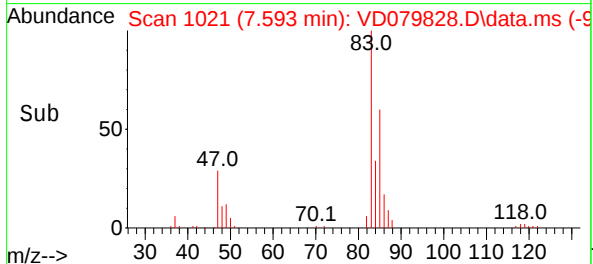
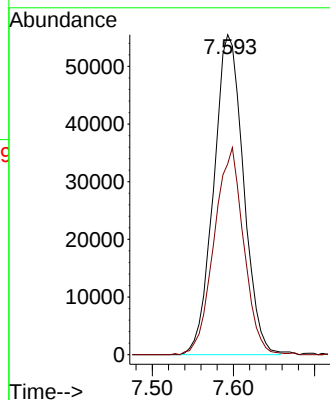
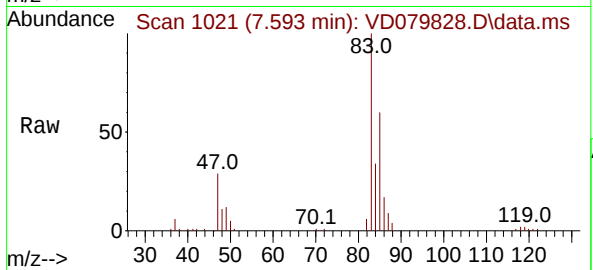




#25
Chloroform
Concen: 24.958 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

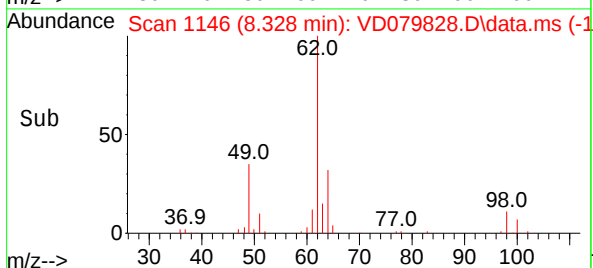
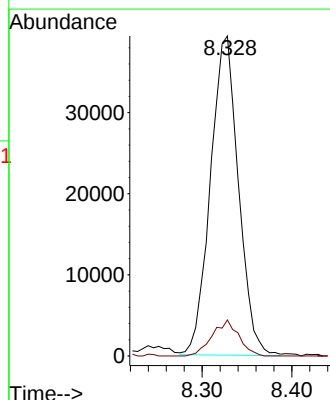
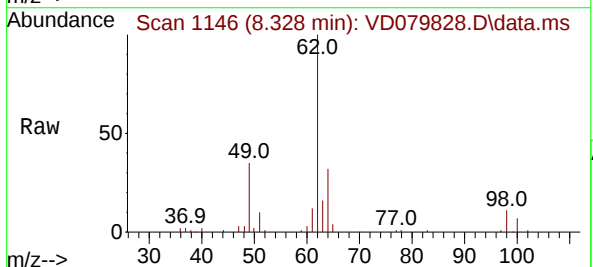
Instrument :
MSVOA_D
ClientSampleId :

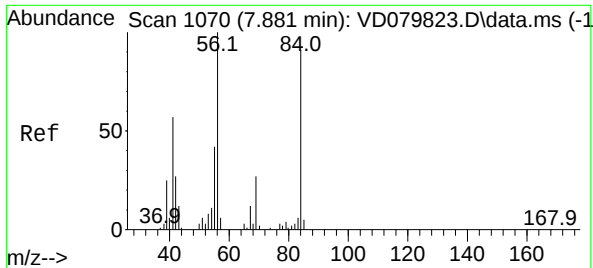
Tgt Ion: 83 Resp: 141422
Ion Ratio Lower Upper
83 100
85 59.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 24.637 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

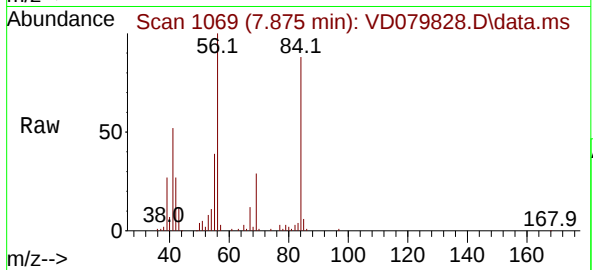
Tgt Ion: 62 Resp: 85325
Ion Ratio Lower Upper
62 100
98 11.3 7.5 11.3



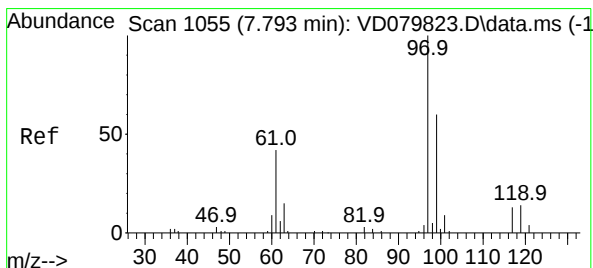
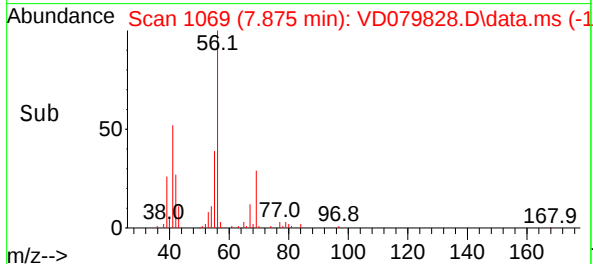
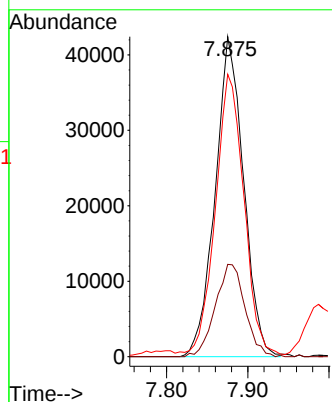


#29
Cyclohexane
Concen: 25.267 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :

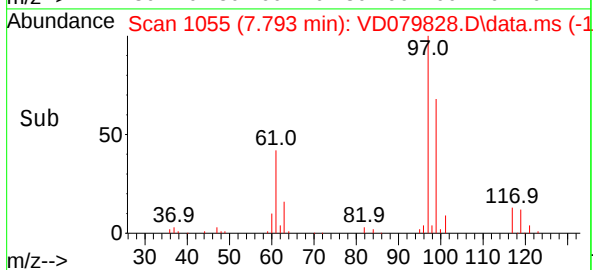
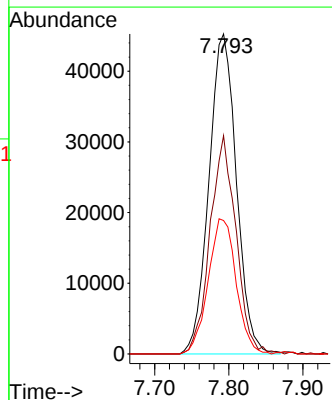
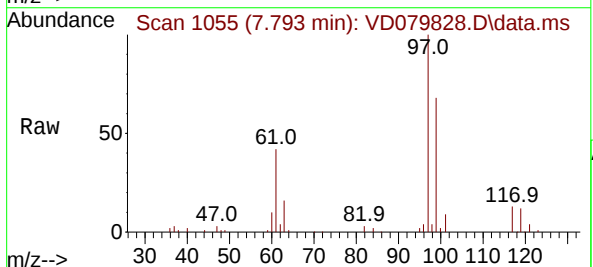


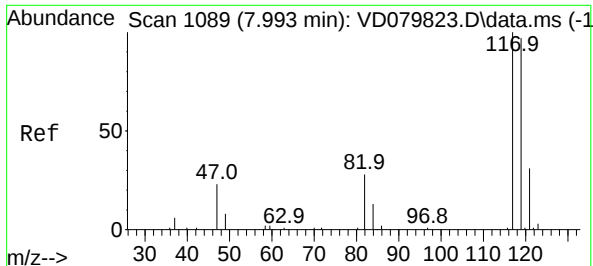
Tgt Ion: 56 Resp: 103111
Ion Ratio Lower Upper
56 100
69 30.0 22.8 34.2
84 89.6 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 25.965 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 97 Resp: 116769
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 42.9 35.4 53.2





#31

Carbon tetrachloride

Concen: 26.213 ug/L

RT: 7.993 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

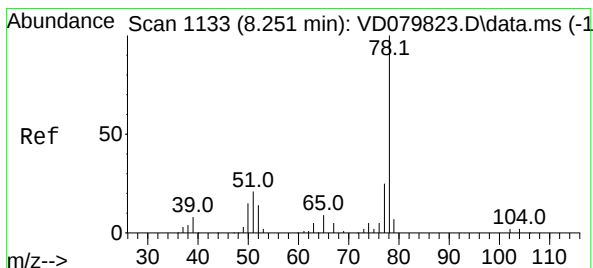
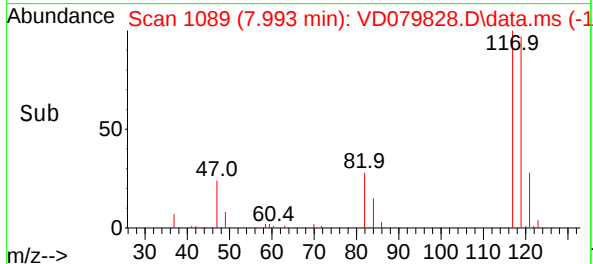
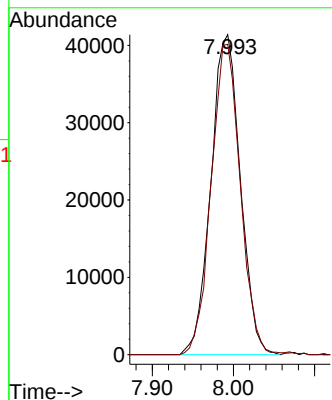
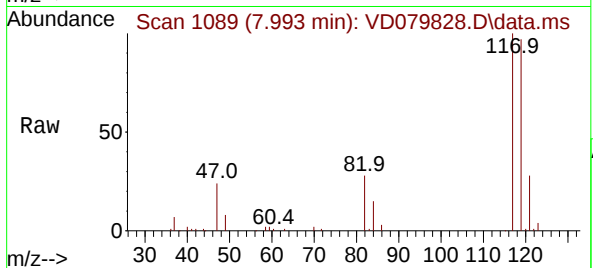
ClientSampleId :

Tgt Ion:117 Resp: 104446

Ion Ratio Lower Upper

117 100

119 95.6 76.0 114.0



#33

Benzene

Concen: 25.528 ug/L

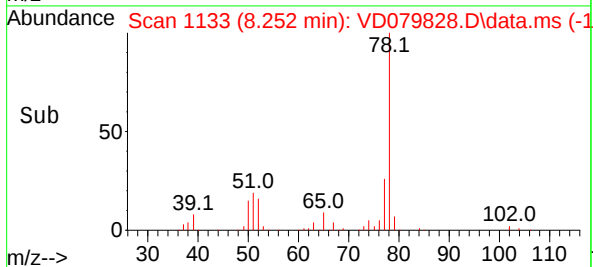
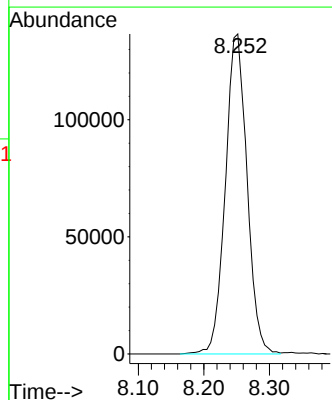
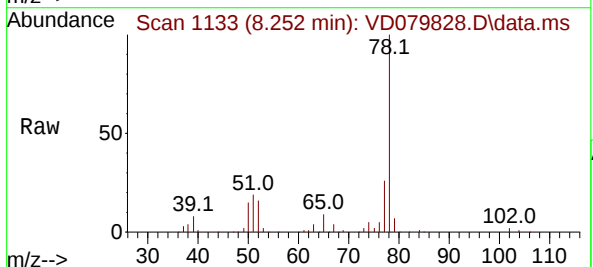
RT: 8.252 min Scan# 1133

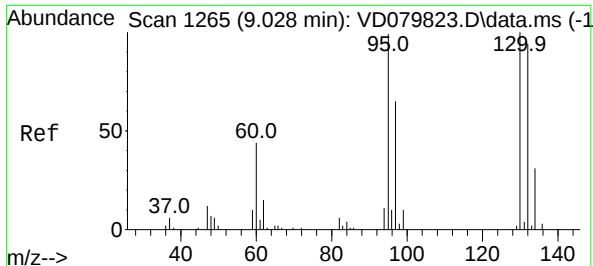
Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Tgt Ion: 78 Resp: 313621





#34

Trichloroethene

Concen: 25.248 ug/L

RT: 9.028 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 71672

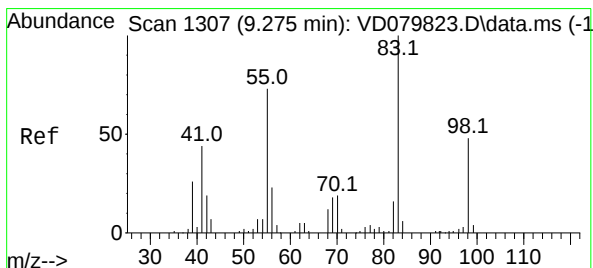
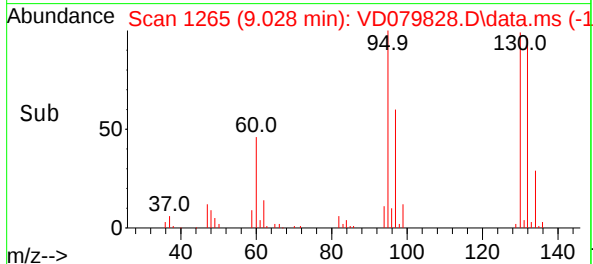
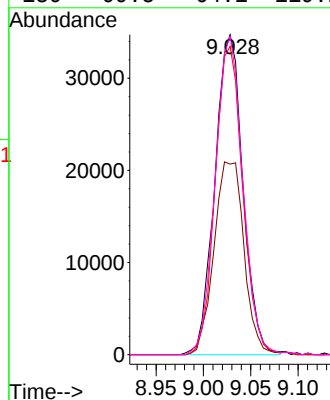
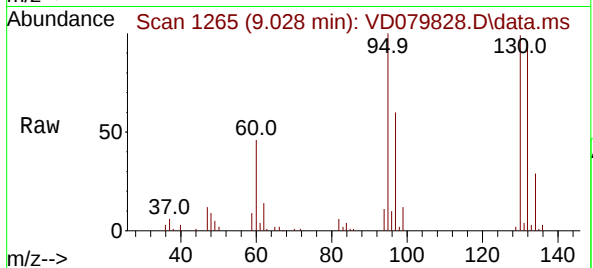
Ion Ratio Lower Upper

95 100

97 59.6 43.5 80.7

132 96.4 64.5 119.7

130 99.5 64.1 119.1



#35

Methylcyclohexane

Concen: 26.509 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

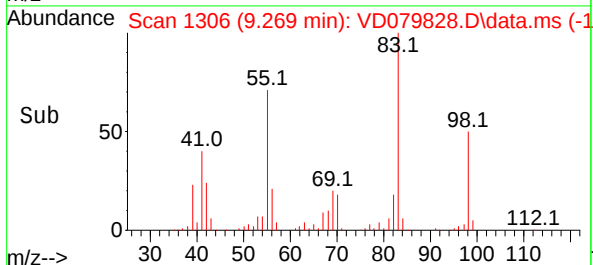
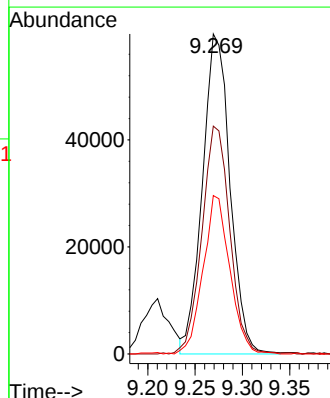
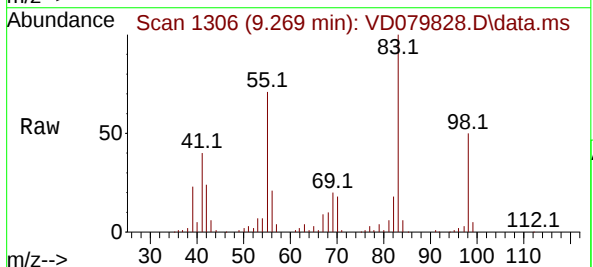
Tgt Ion: 83 Resp: 121439

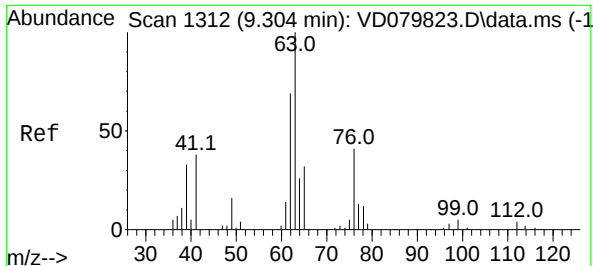
Ion Ratio Lower Upper

83 100

55 72.0 58.9 88.3

98 47.8 38.6 58.0

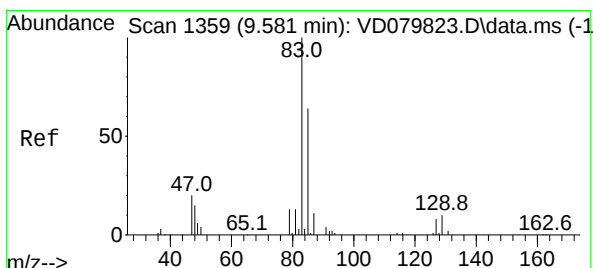
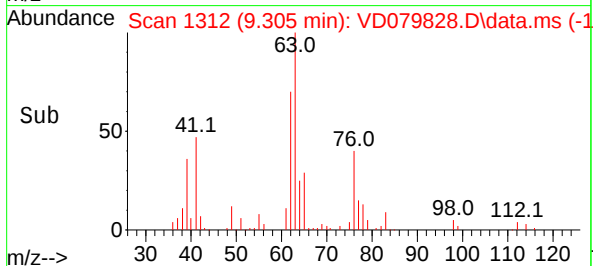
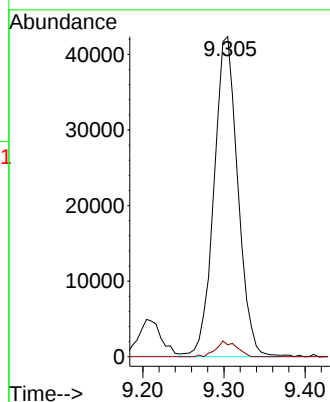
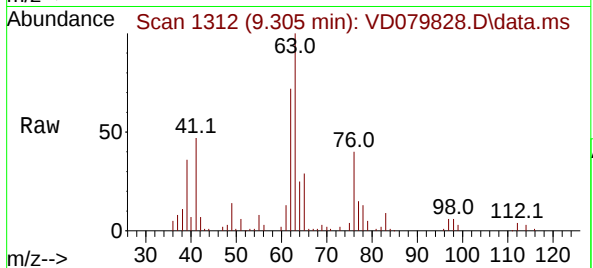




#37
1,2-Dichloropropane
Concen: 25.865 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

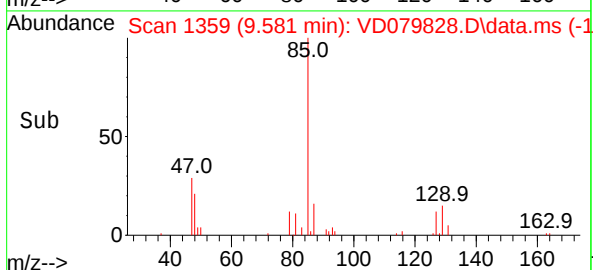
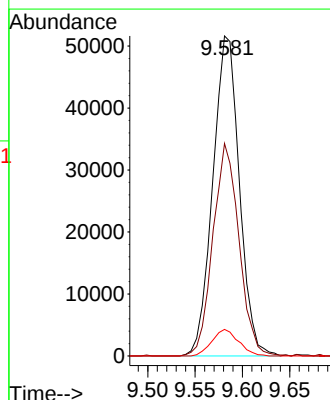
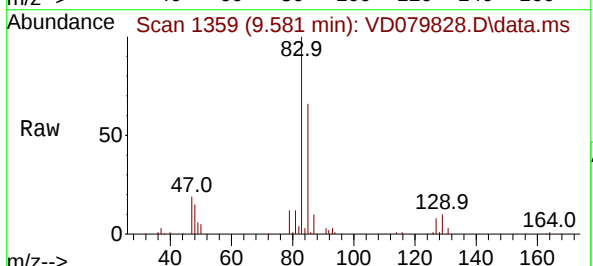
Instrument :
MSVOA_D
ClientSampleId :

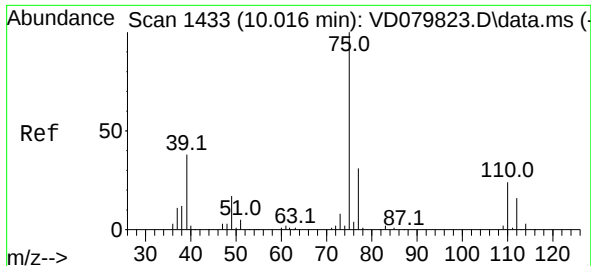
Tgt Ion: 63 Resp: 86657
Ion Ratio Lower Upper
63 100
112 4.1 0.0 0.0#



#38
Bromodichloromethane
Concen: 25.851 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 83 Resp: 100917
Ion Ratio Lower Upper
83 100
85 66.4 45.9 85.3
127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 26.487 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

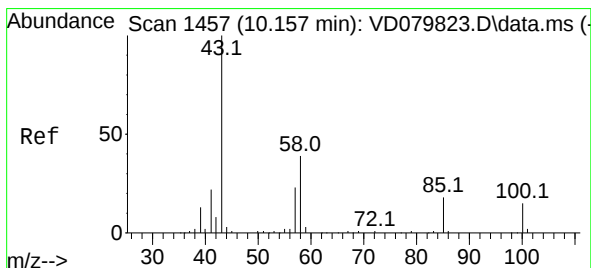
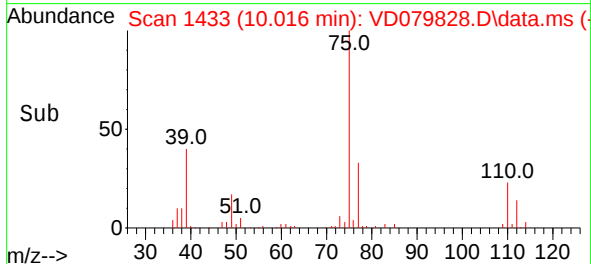
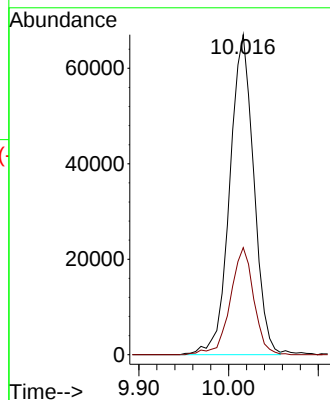
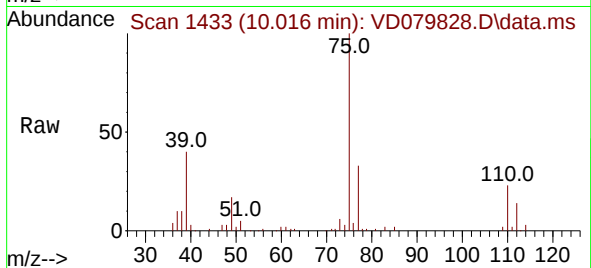
ClientSampleId :

Tgt Ion: 75 Resp: 124613

Ion Ratio Lower Upper

75 100

77 33.4 24.1 44.8



#40

4-Methyl-2-pentanone

Concen: 56.472 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

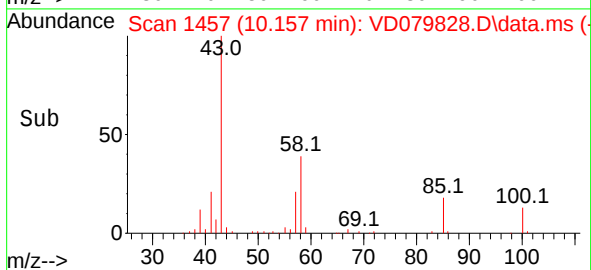
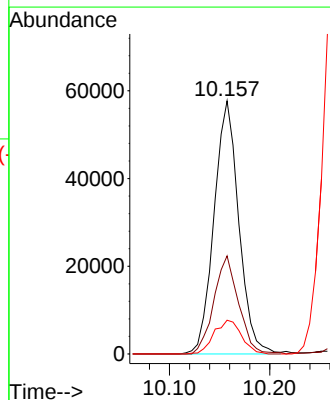
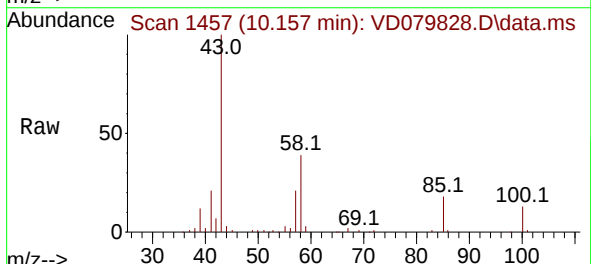
Tgt Ion: 43 Resp: 99041

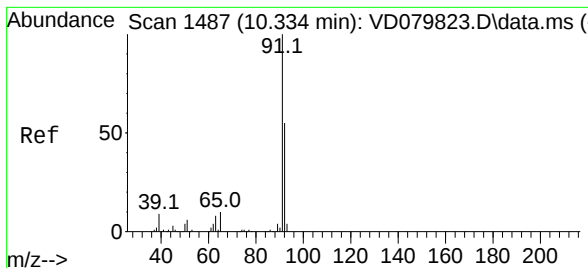
Ion Ratio Lower Upper

43 100

58 38.4 31.1 46.7

100 14.7 11.8 17.6





#42

Toluene

Concen: 26.904 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

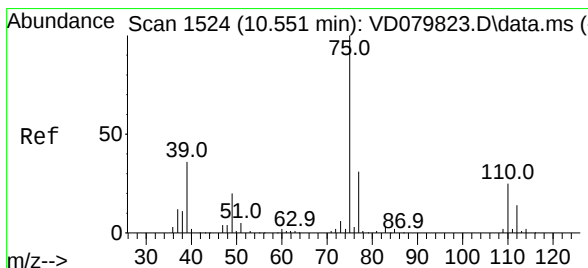
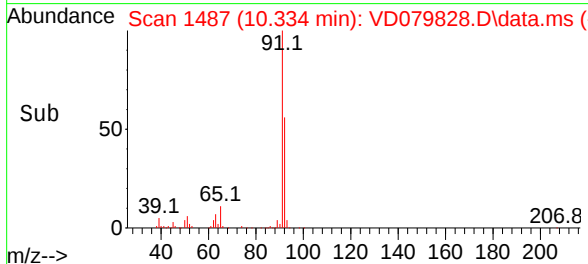
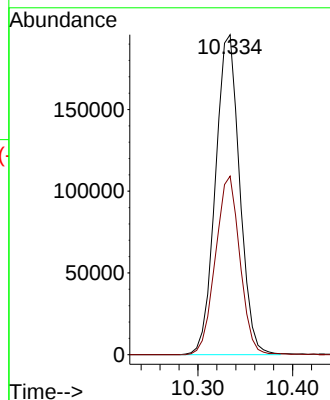
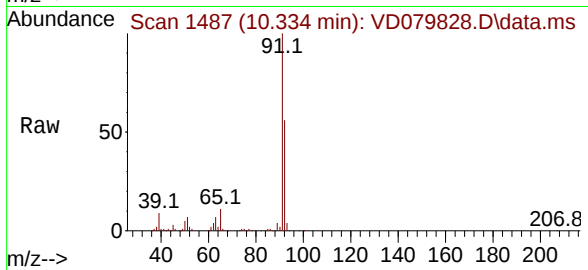
ClientSampleId :

Tgt Ion: 91 Resp: 348155

Ion Ratio Lower Upper

91 100

92 55.8 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 27.472 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079828.D

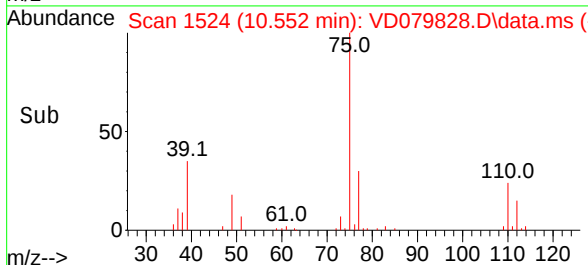
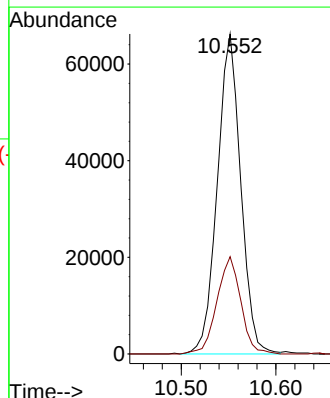
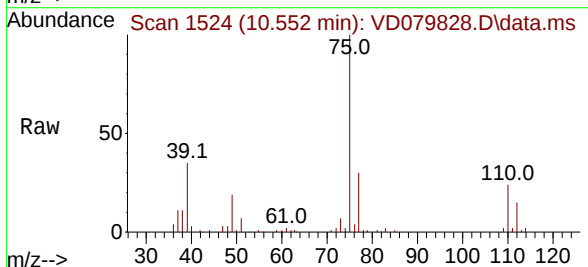
Acq: 12 Sep 2024 14:53

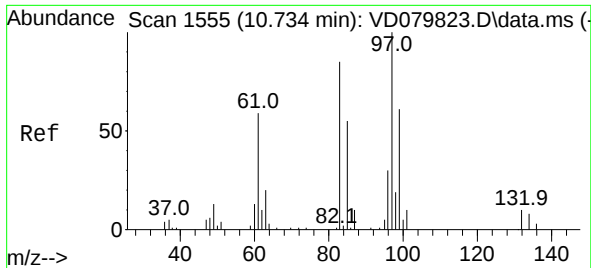
Tgt Ion: 75 Resp: 113907

Ion Ratio Lower Upper

75 100

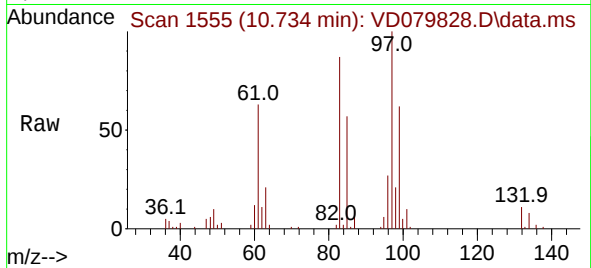
77 30.4 21.8 40.4



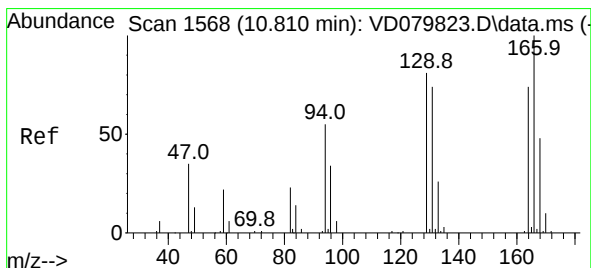
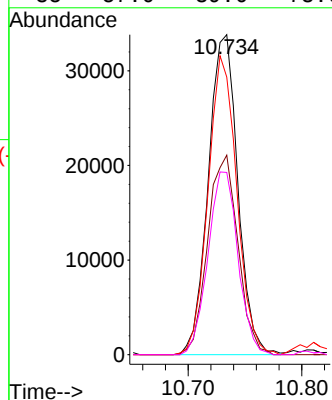
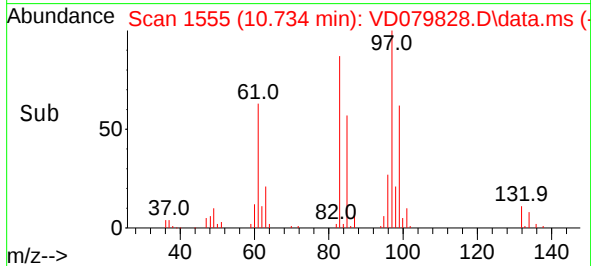


#45
1,1,2-Trichloroethane
Concen: 26.699 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

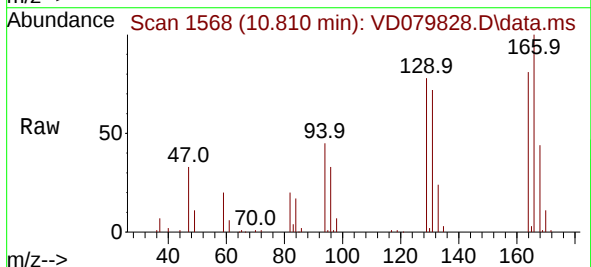
Instrument :
MSVOA_D
ClientSampleId :



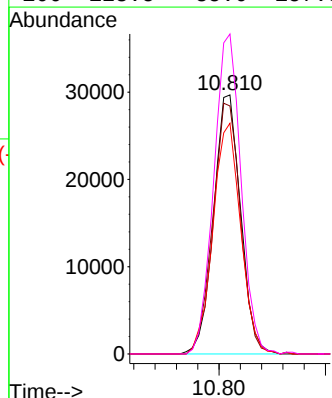
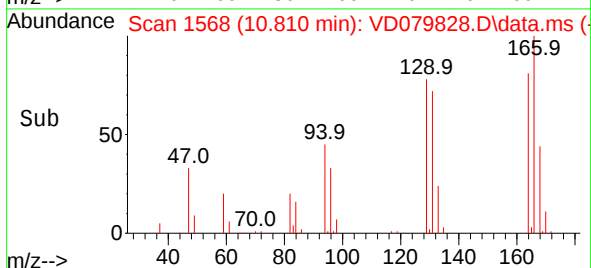
Tgt Ion:	97	Resp:	61115
Ion	Ratio	Lower	Upper
97	100		
99	62.4	45.1	83.7
83	86.7	65.2	121.0
85	57.0	39.6	73.6

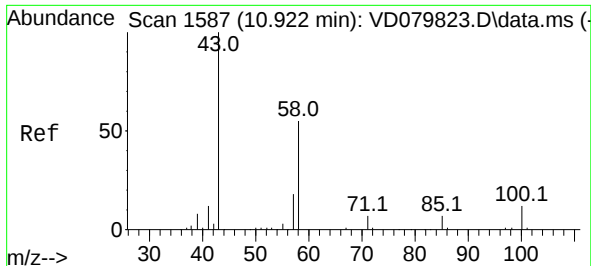


#46
Tetrachloroethene
Concen: 27.021 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53



Tgt Ion:	164	Resp:	52074
Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.7	127.5
131	89.1	62.5	116.1
166	123.5	85.0	157.8





#48

2-Hexanone

Concen: 59.285 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

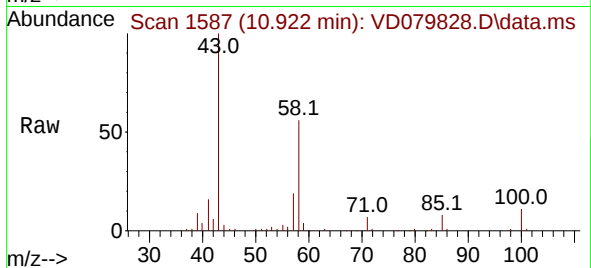
Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 84574

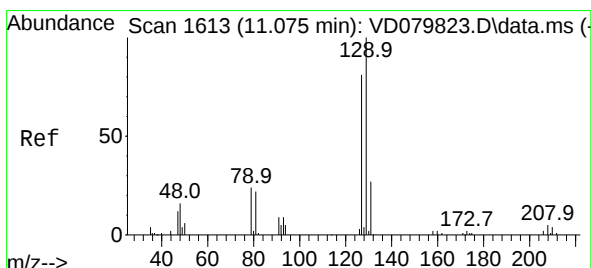
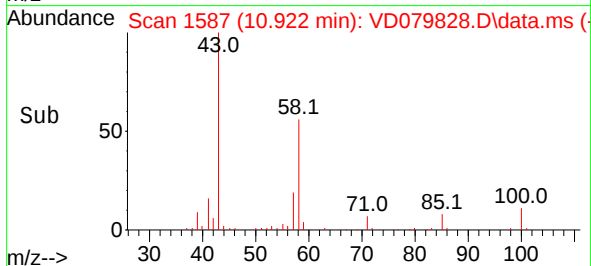
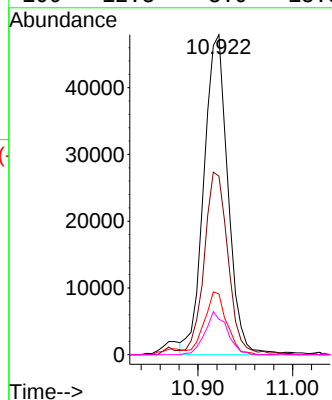
Ion Ratio Lower Upper

43 100

58 56.5 44.7 67.1

57 18.2 13.6 20.4

100 12.3 8.9 13.3



#49

Dibromochloromethane

Concen: 26.852 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079828.D

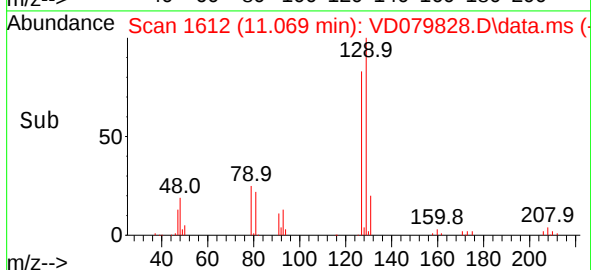
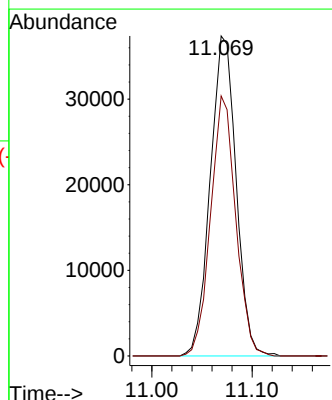
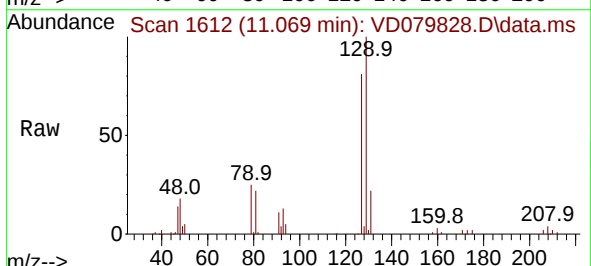
Acq: 12 Sep 2024 14:53

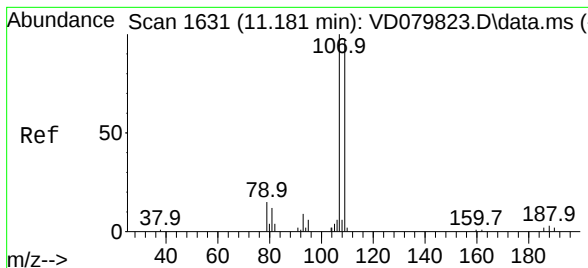
Tgt Ion: 129 Resp: 67088

Ion Ratio Lower Upper

129 100

127 81.3 55.2 102.6





#50

1,2-Dibromoethane

Concen: 26.848 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

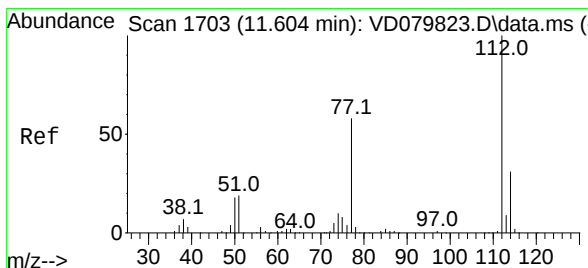
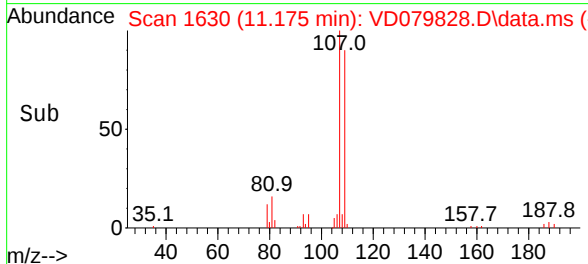
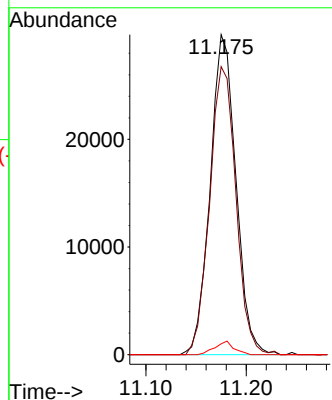
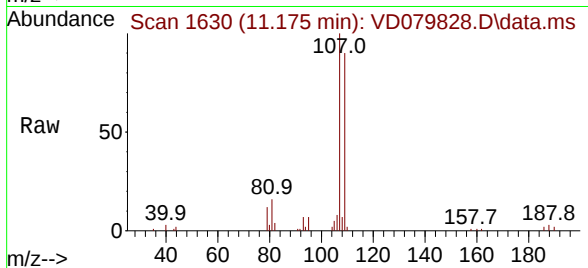
Tgt Ion:107 Resp: 53079

Ion Ratio Lower Upper

107 100

109 90.0 61.5 114.1

188 3.4 2.3 3.5



#51

Chlorobenzene

Concen: 25.987 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

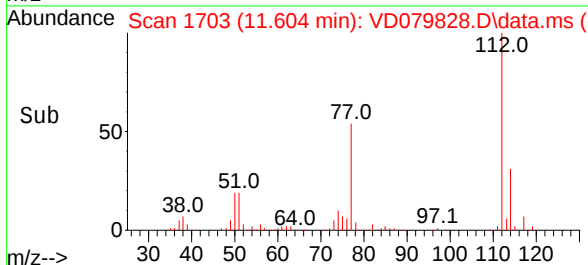
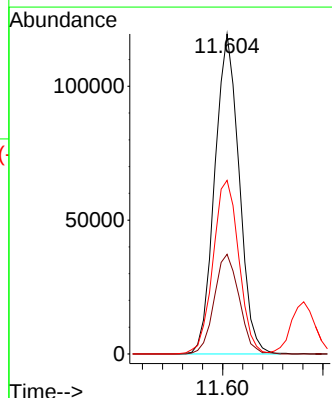
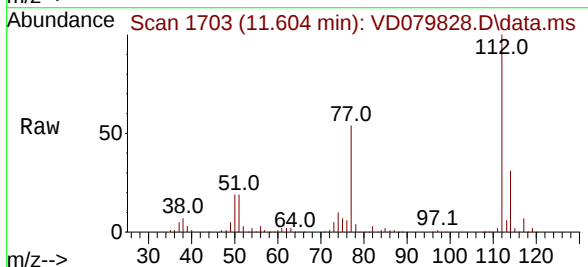
Tgt Ion:112 Resp: 201819

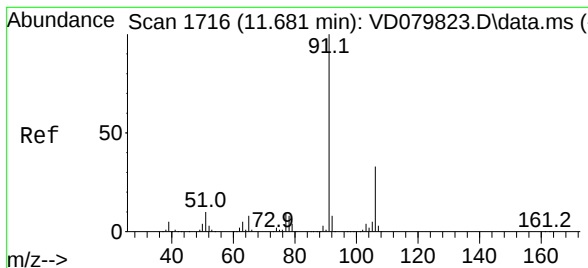
Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 54.2 46.7 70.1

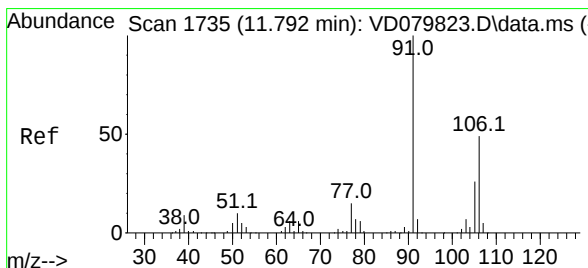
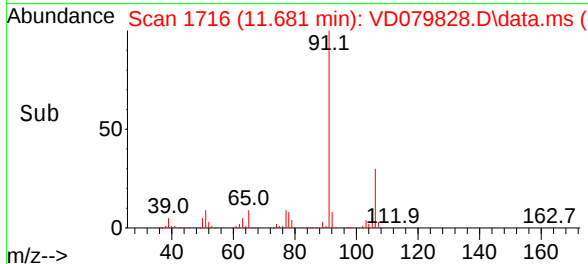
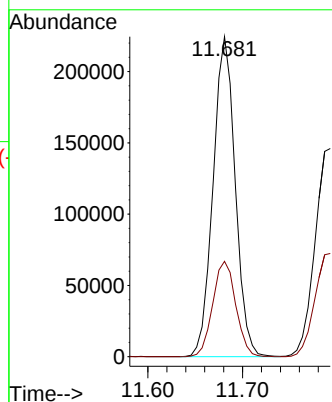
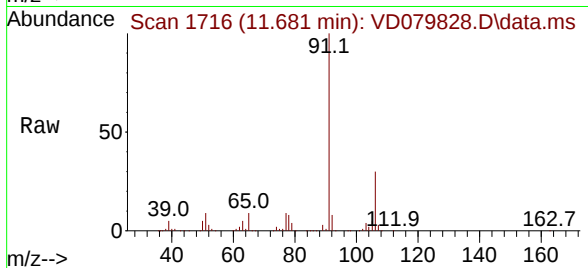




#52
Ethylbenzene
Concen: 26.796 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

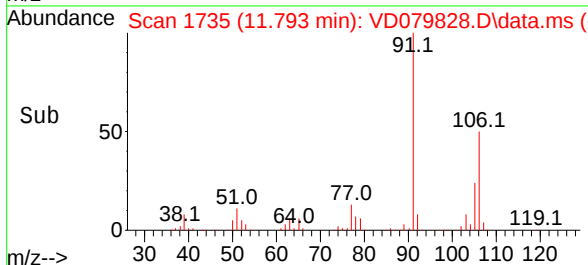
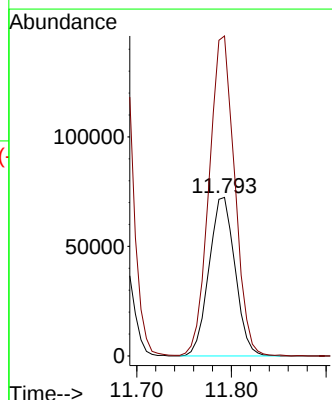
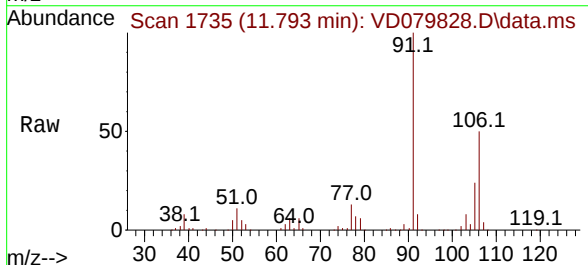
Instrument :
MSVOA_D
ClientSampleId :

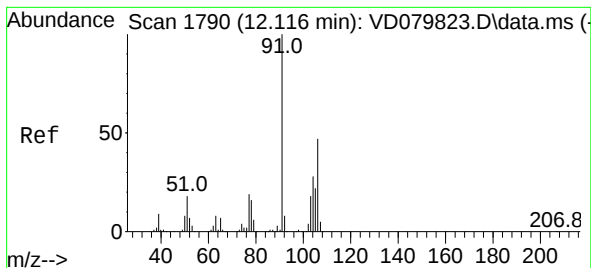
Tgt Ion: 91 Resp: 364265
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 26.886 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion:106 Resp: 138434
Ion Ratio Lower Upper
106 100
91 201.8 138.3 256.9





#54

o-Xylene

Concen: 26.321 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

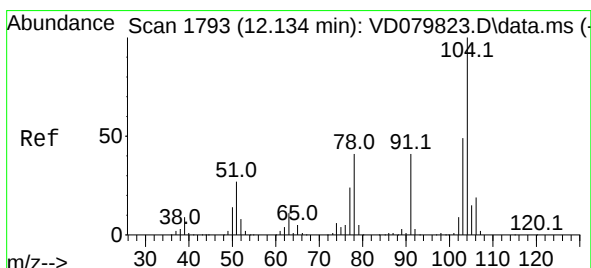
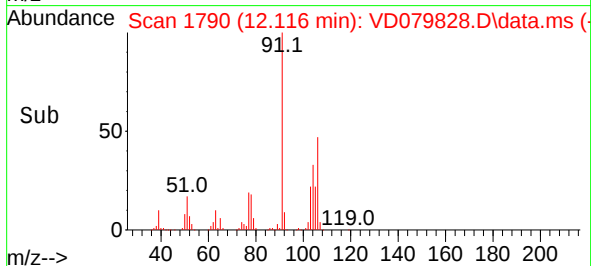
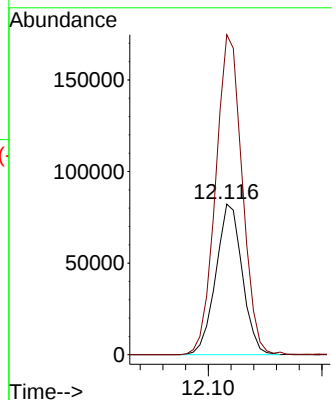
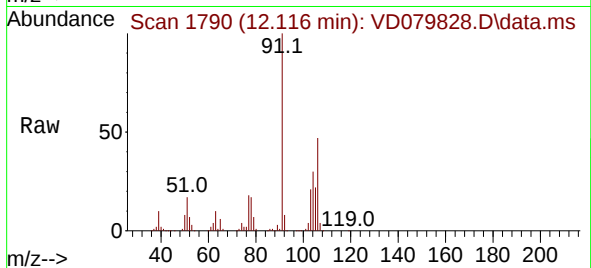
ClientSampleId :

Tgt Ion:106 Resp: 132884

Ion Ratio Lower Upper

106 100

91 212.4 152.6 283.4



#55

Styrene

Concen: 27.769 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079828.D

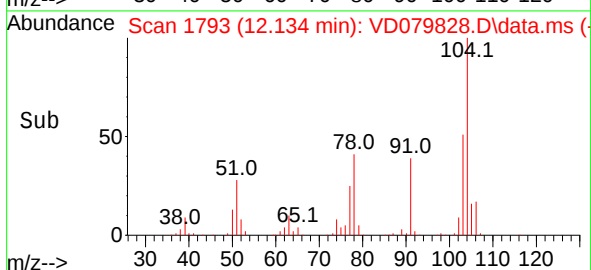
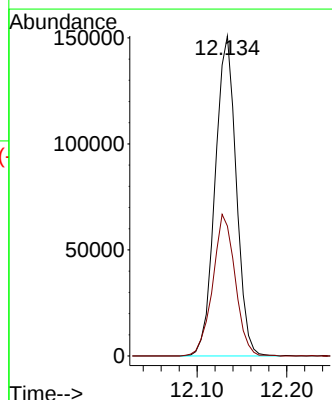
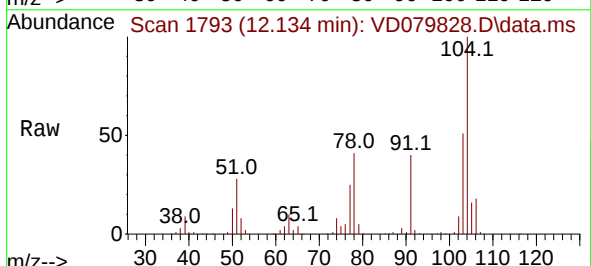
Acq: 12 Sep 2024 14:53

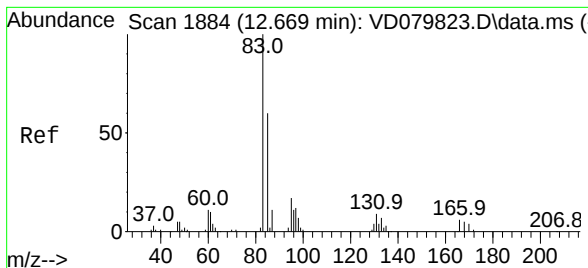
Tgt Ion:104 Resp: 246392

Ion Ratio Lower Upper

104 100

78 40.6 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 29.055 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

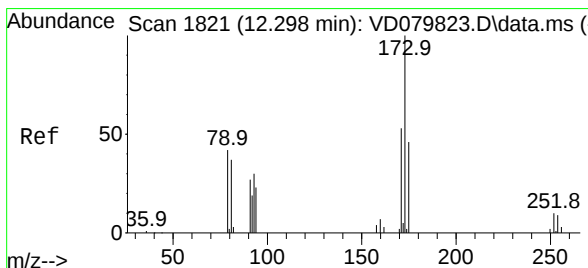
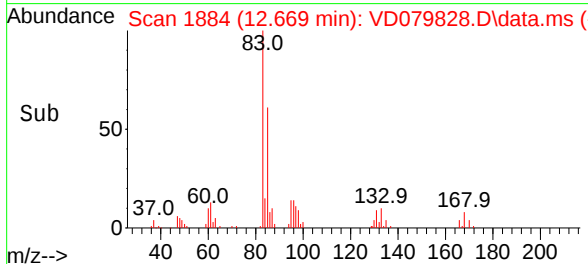
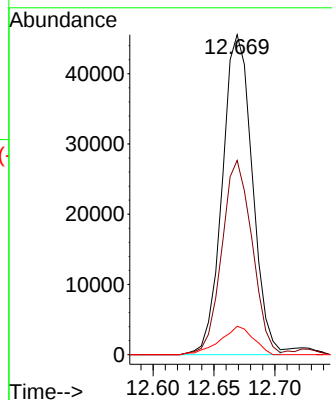
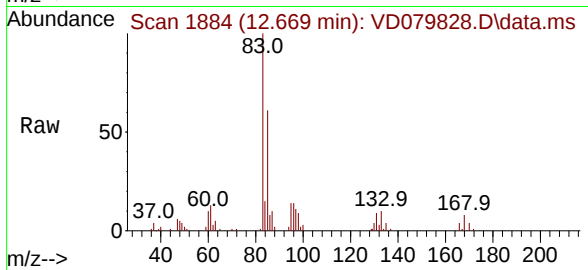
Tgt Ion: 83 Resp: 77956

Ion Ratio Lower Upper

83 100

85 60.7 46.8 87.0

131 8.9 6.5 9.7



#59

Bromoform

Concen: 26.679 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

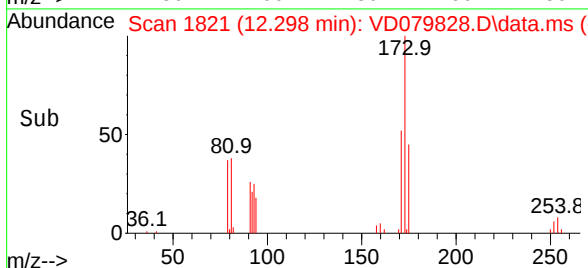
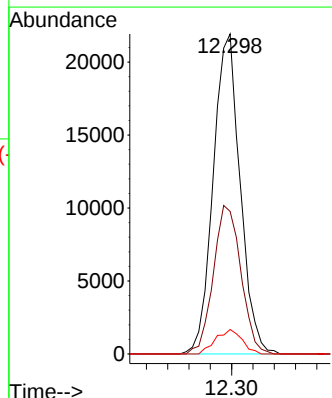
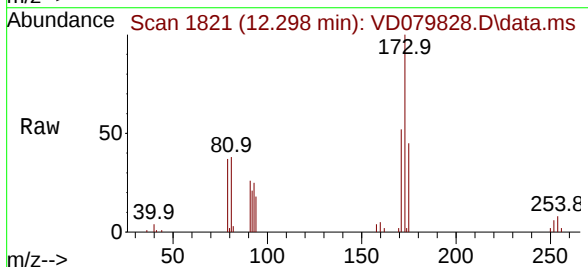
Tgt Ion:173 Resp: 38375

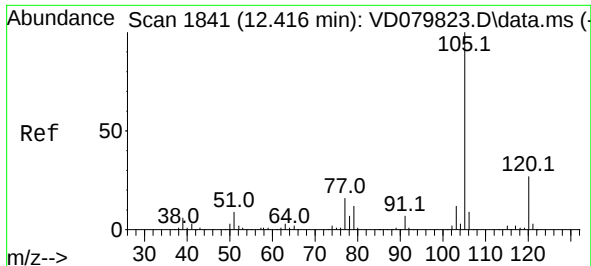
Ion Ratio Lower Upper

173 100

175 47.5 39.2 58.8

254 7.5 5.5 8.3

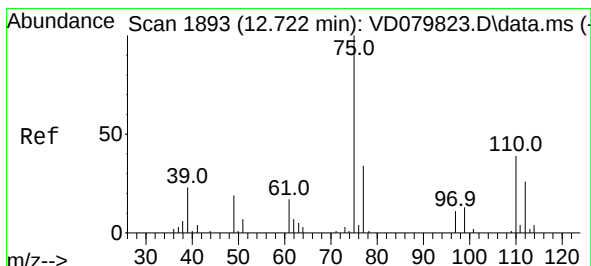
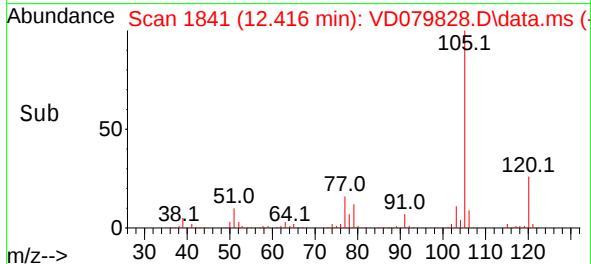
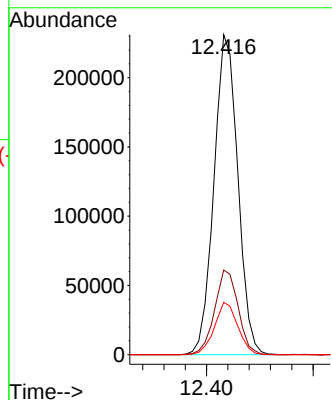
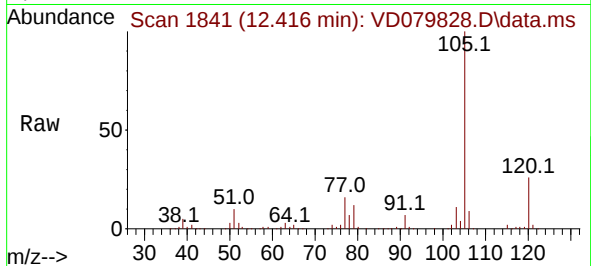




#60
Isopropylbenzene
Concen: 24.959 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

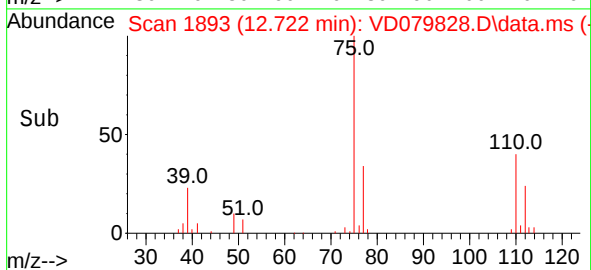
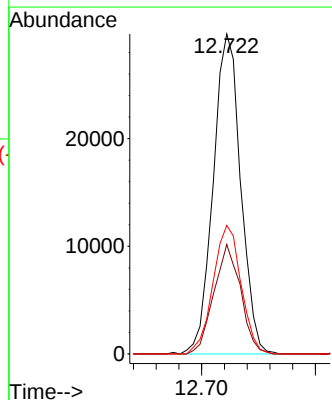
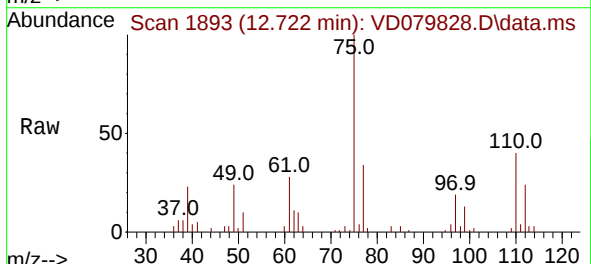
Instrument :
MSVOA_D
ClientSampleId :

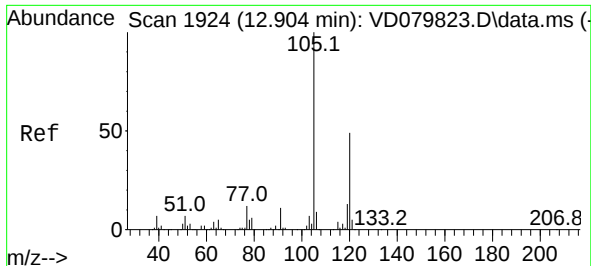
Tgt Ion:105 Resp: 359057
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 24.371 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

Tgt Ion: 75 Resp: 49915
Ion Ratio Lower Upper
75 100
77 33.4 25.1 37.7
110 41.0 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 26.543 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

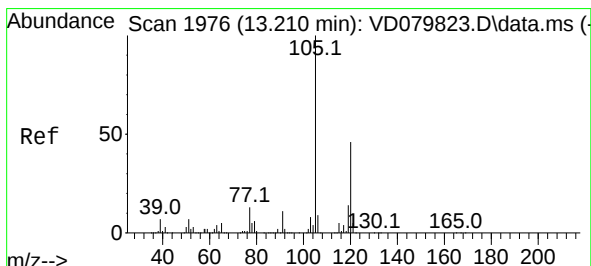
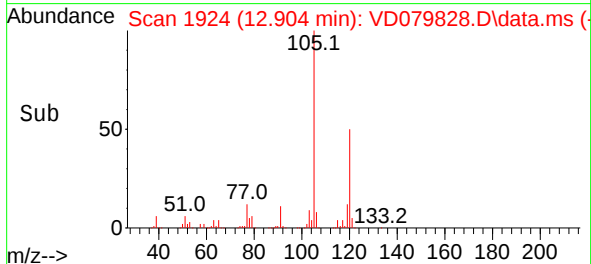
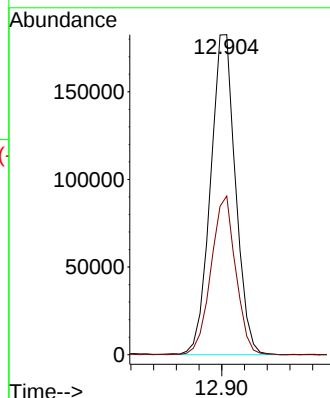
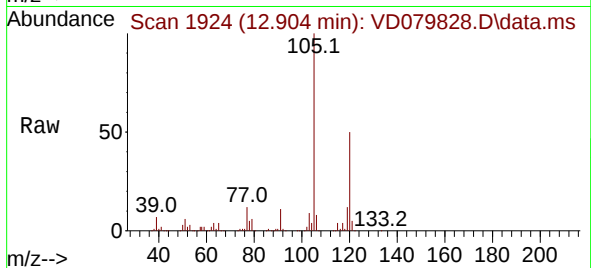
ClientSampleId :

Tgt Ion:105 Resp: 279259

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 25.177 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079828.D

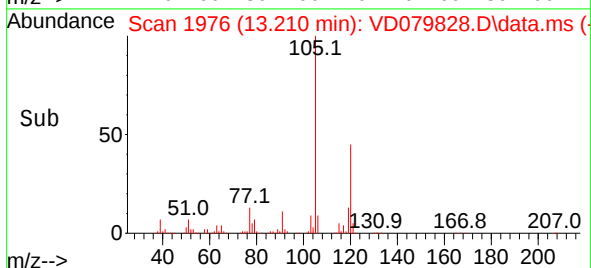
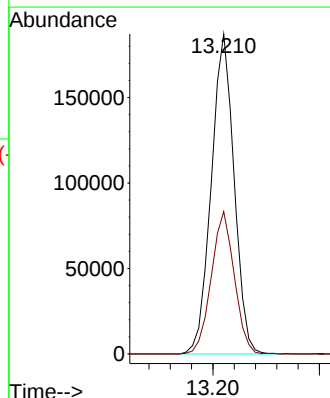
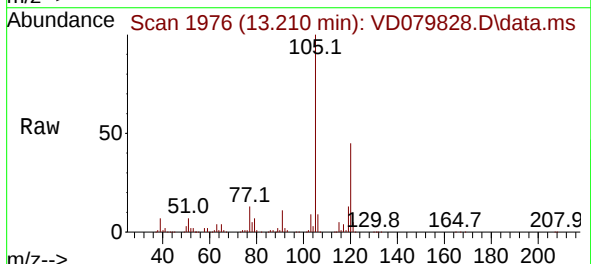
Acq: 12 Sep 2024 14:53

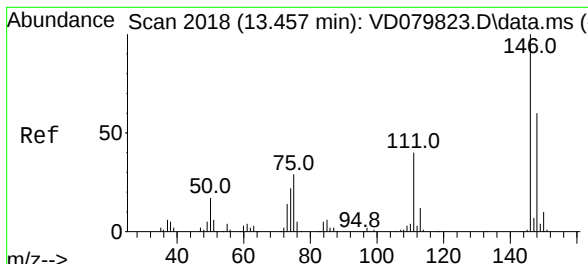
Tgt Ion:105 Resp: 277790

Ion Ratio Lower Upper

105 100

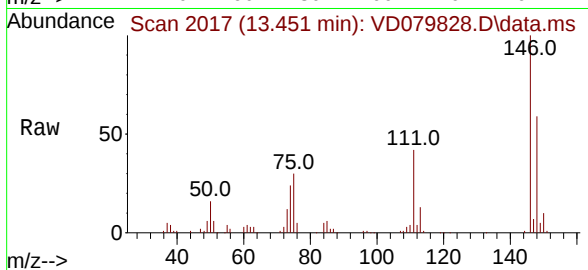
120 44.8 36.3 54.5



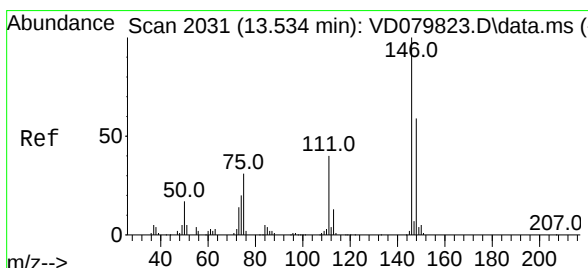
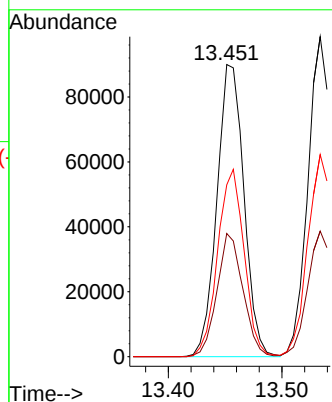
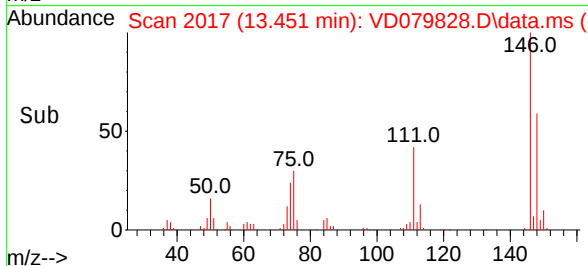


#64
1,3-Dichlorobenzene
Concen: 25.058 ug/L
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53

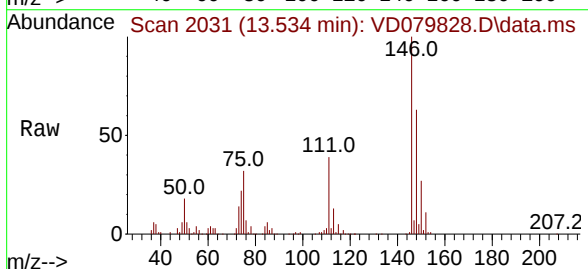
Instrument :
MSVOA_D
ClientSampleId :



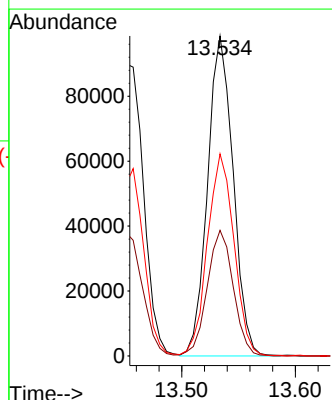
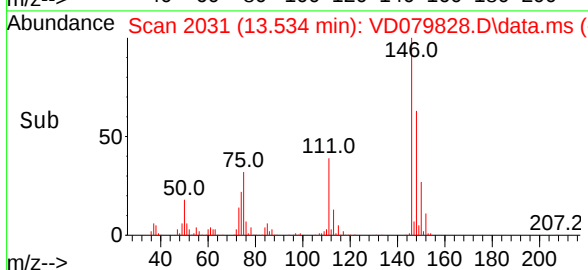
Tgt Ion:146 Resp: 148971
Ion Ratio Lower Upper
146 100
111 42.2 27.4 50.8
148 58.8 45.6 84.8

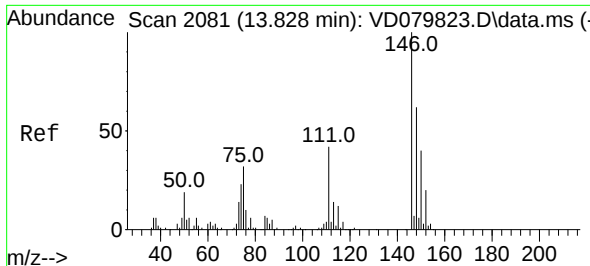


#65
1,4-Dichlorobenzene
Concen: 24.775 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079828.D
Acq: 12 Sep 2024 14:53



Tgt Ion:146 Resp: 154493
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.4
148 63.2 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 25.417 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

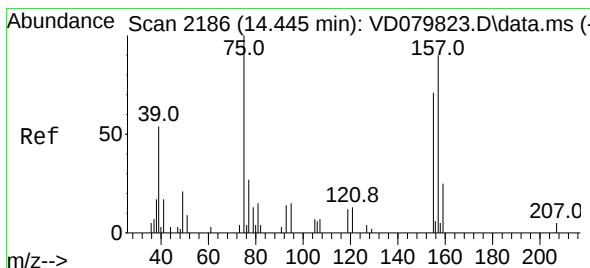
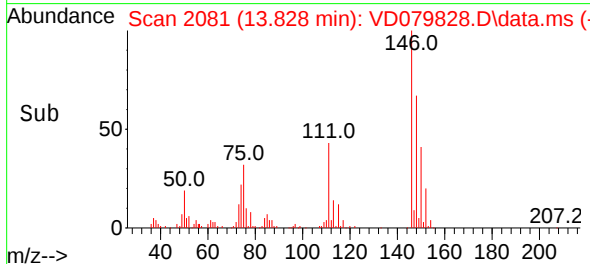
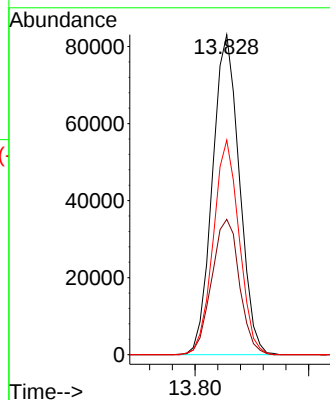
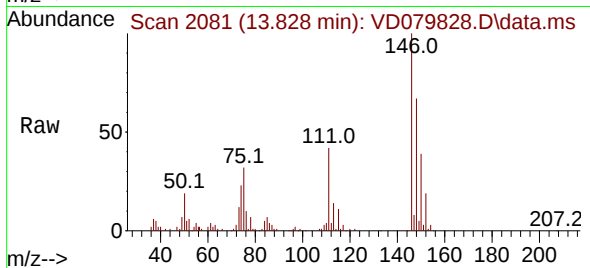
Tgt Ion:146 Resp: 136578

Ion Ratio Lower Upper

146 100

111 42.3 36.9 55.3

148 67.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.874 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

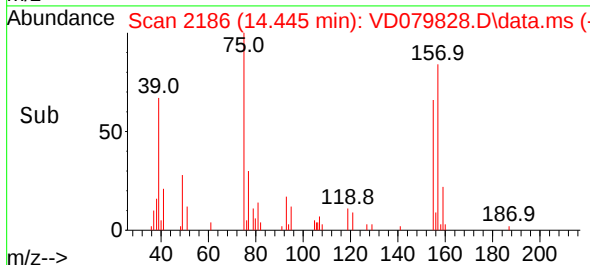
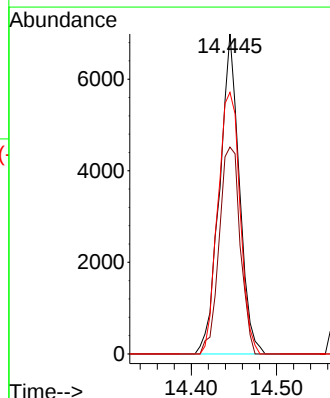
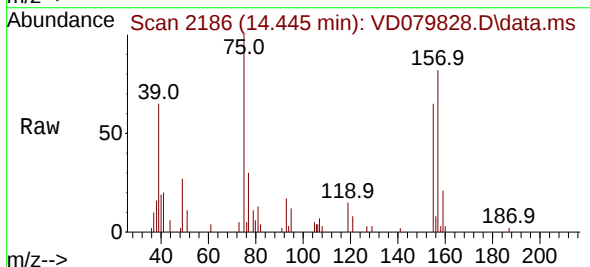
Tgt Ion: 75 Resp: 11262

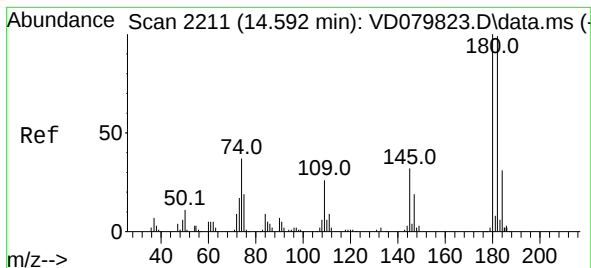
Ion Ratio Lower Upper

75 100

155 64.7 57.2 85.8

157 81.8 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 24.760 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

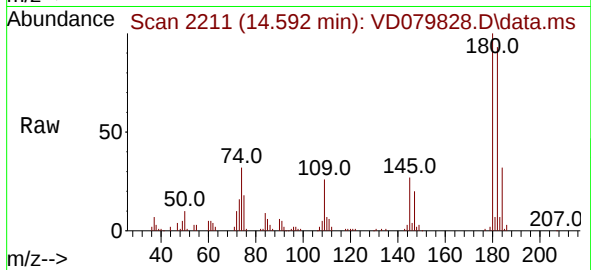
Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 89255

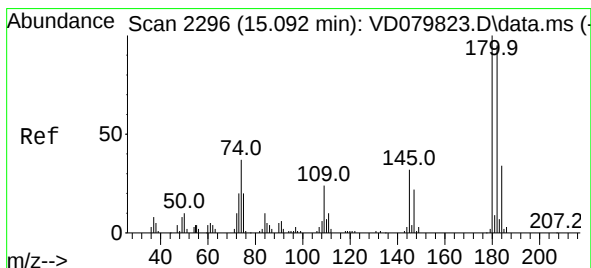
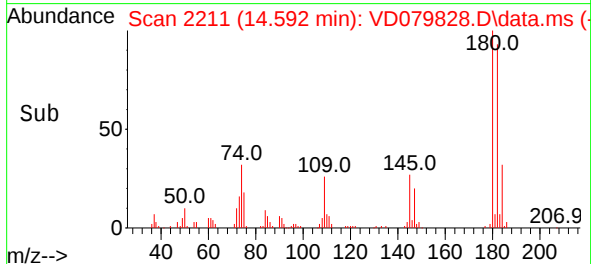
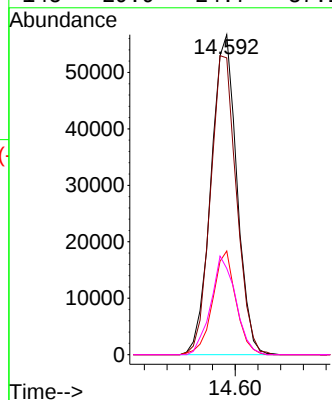
Ion Ratio Lower Upper

180 100

182 94.0 72.6 109.0

184 29.2 24.2 36.2

145 29.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.156 ug/L

RT: 15.092 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VD079828.D

Acq: 12 Sep 2024 14:53

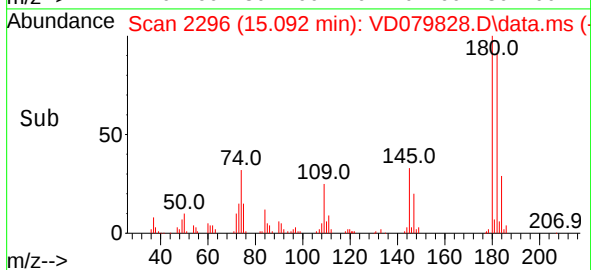
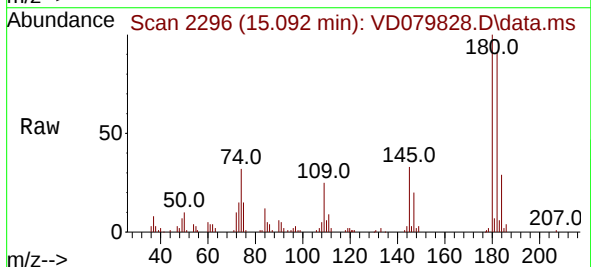
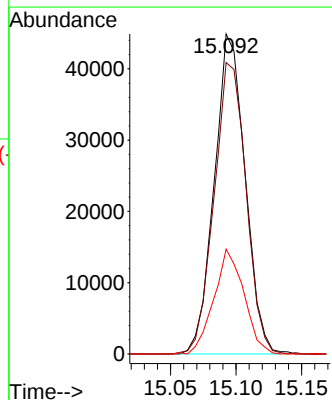
Tgt Ion:180 Resp: 73316

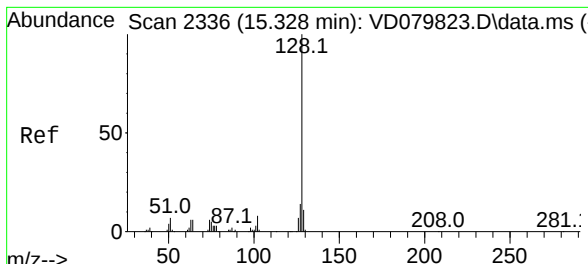
Ion Ratio Lower Upper

180 100

182 94.1 75.9 113.9

145 31.9 26.6 40.0

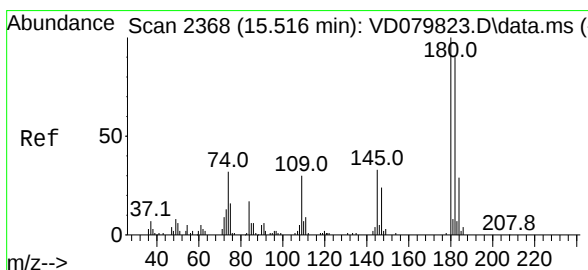
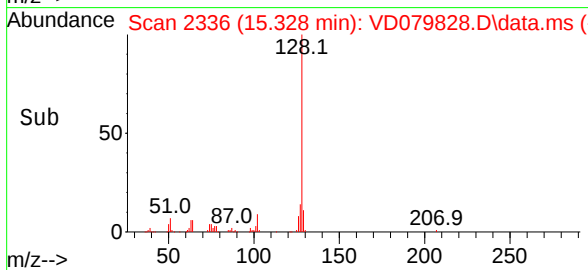
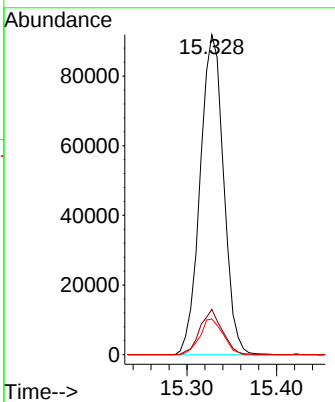
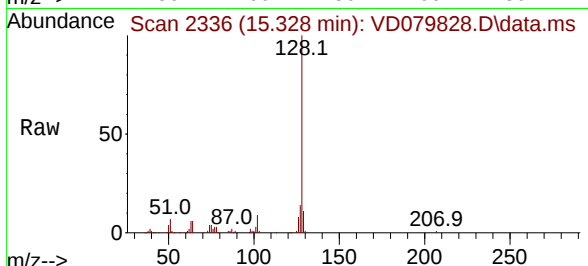




#71
 Naphthalene
 Concen: 24.610 ug/L
 RT: 15.328 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	166827
Ion Ratio	Lower	Upper	
128	100		
127	13.5	11.2	16.8
129	11.0	8.6	13.0



#72
 1,2,3-Trichlorobenzene
 Concen: 24.974 ug/L
 RT: 15.516 min Scan# 2368
 Delta R.T. 0.000 min
 Lab File: VD079828.D
 Acq: 12 Sep 2024 14:53

Tgt Ion:	180	Resp:	67800
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.1	111.1
145	33.9	26.4	39.6

