

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
 Data File : VD079886.D
 Acq On : 25 Sep 2024 09:45
 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 26 01:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:31:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	106970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	110139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	54603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	93238	20.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.160%
7) Chloroethane-d5	2.804	69	89347	24.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	3.916	65	16467	19.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	6.981	46	13398	31.002	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.000%
24) Chloroform-d	7.569	84	92726	26.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.480%
26) 1,2-Dichloroethane-d4	8.228	65	53616	29.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.640%
32) Benzene-d6	8.198	84	191488	24.626	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.210	67	61337	25.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.040%
41) Toluene-d8	10.269	98	175392	25.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.520%
43) trans-1,3-Dichloroprop...	10.522	79	26295	25.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.720%
47) 2-Hexanone-d5	10.875	63	24443	62.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.920%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	55705	31.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.320%#
66) 1,2-Dichlorobenzene-d4	13.816	152	56442	27.410	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39419	19.326	ug/L	98
3) Chloromethane	2.152	50	69805	19.523	ug/L	94
5) Vinyl chloride	2.287	62	97793	22.320	ug/L	97
6) Bromomethane	2.699	94	59745	27.081	ug/L	99
8) Chloroethane	2.840	64	70347	24.302	ug/L	90
9) Trichlorofluoromethane	3.181	101	76152	24.173	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	39581	22.699	ug/L	98
12) 1,1-Dichloroethene	3.940	96	34092	20.991	ug/L	97
13) Acetone	4.022	43	29176	55.374	ug/L	98
14) Carbon disulfide	4.269	76	100158	18.958	ug/L	100
15) Methyl Acetate	4.569	43	22838	27.211	ug/L #	82
16) Methylene chloride	4.798	84	27031	12.789	ug/L	94
17) trans-1,2-Dichloroethene	5.316	96	38688	22.340	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	101546	26.065	ug/L	95
19) 1,1-Dichloroethane	6.110	63	81800	23.780	ug/L #	97
20) cis-1,2-Dichloroethene	7.081	96	47438	24.879	ug/L	91
22) 2-Butanone	7.081	43	34456	55.748	ug/L	96
23) Bromochloromethane	7.428	128	20979	25.923	ug/L	96
25) Chloroform	7.598	83	93740	26.179	ug/L	94

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 Quant Title : SFAM01.0
 QLast Update : Thu Sep 26 01:31:42 2024
 Response via : Initial Calibration

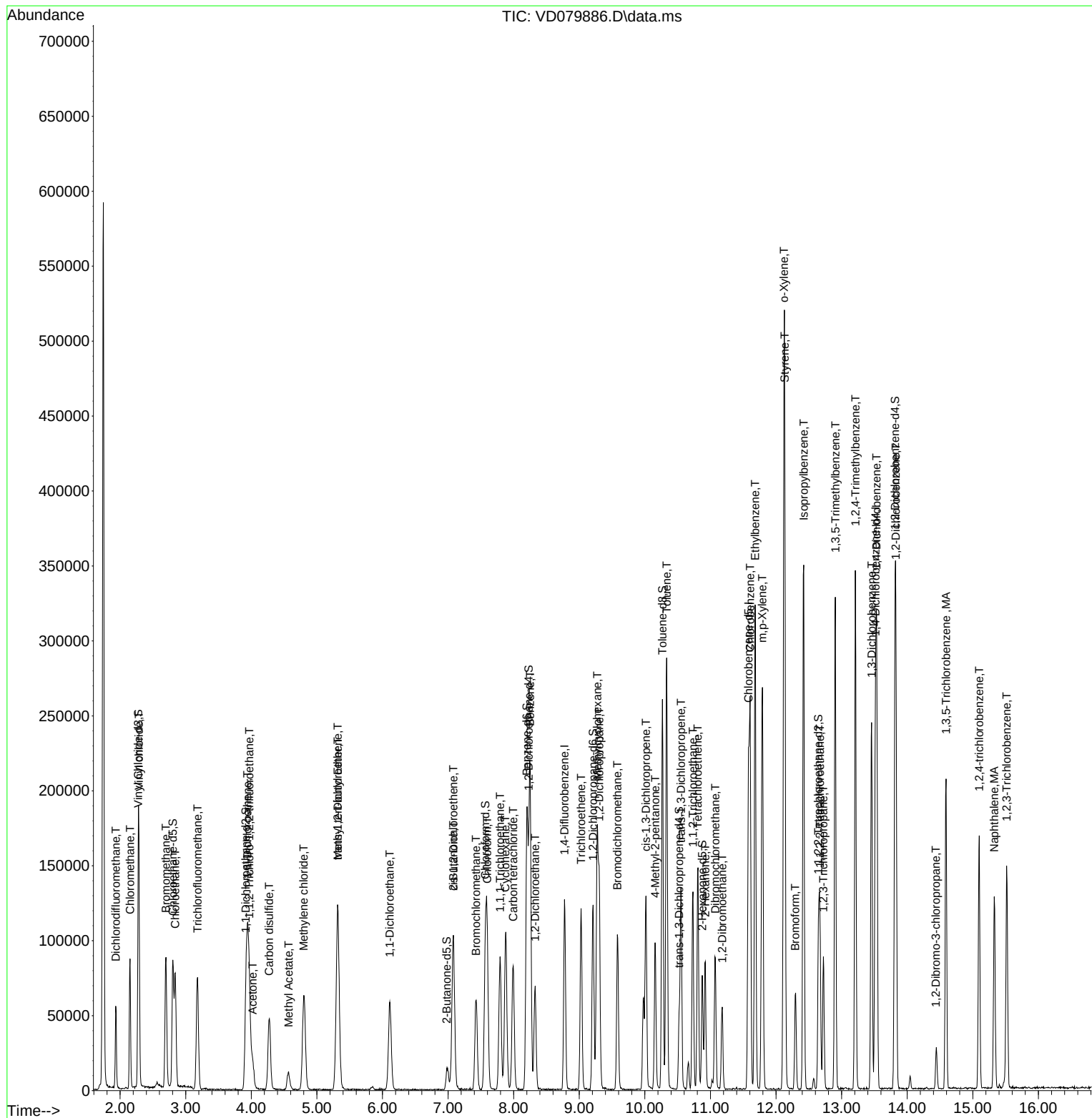
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	60035	27.432	ug/L	98
29) Cyclohexane	7.875	56	55782	20.476	ug/L	96
30) 1,1,1-Trichloroethane	7.792	97	71275	23.741	ug/L	98
31) Carbon tetrachloride	7.992	117	63164	23.746	ug/L	98
33) Benzene	8.251	78	194668	23.737	ug/L	100
34) Trichloroethene	9.028	95	42722	22.544	ug/L	94
35) Methylcyclohexane	9.275	83	65358	21.372	ug/L	98
37) 1,2-Dichloropropane	9.304	63	55115	24.642	ug/L #	100
38) Bromodichloromethane	9.581	83	68914	26.443	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	79487	25.309	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	65773	56.179	ug/L	100
42) Toluene	10.334	91	216108	25.016	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	74227	26.817	ug/L	99
45) 1,1,2-Trichloroethane	10.733	97	43069	28.185	ug/L	90
46) Tetrachloroethene	10.804	164	30757	23.907	ug/L	96
48) 2-Hexanone	10.922	43	56069	58.876	ug/L	99
49) Dibromochloromethane	11.075	129	45601	27.340	ug/L	84
50) 1,2-Dibromoethane	11.181	107	34993	26.514	ug/L #	91
51) Chlorobenzene	11.604	112	129122	24.906	ug/L	97
52) Ethylbenzene	11.680	91	228526	25.182	ug/L	99
53) m,p-Xylene	11.792	106	86858	25.269	ug/L	97
54) o-Xylene	12.122	106	84114	24.958	ug/L	94
55) Styrene	12.133	104	157975	26.671	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	52049	29.059	ug/L	93
59) Bromoform	12.292	173	26376	27.983	ug/L	97
60) Isopropylbenzene	12.422	105	222495	23.601	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	34821	25.944	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	171590	24.888	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	174679	24.160	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	96434	24.753	ug/L	100
65) 1,4-Dichlorobenzene	13.533	146	102963	25.197	ug/L	100
67) 1,2-Dichlorobenzene	13.827	146	91666	26.033	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.439	75	7389	26.906	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	57801	24.469	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	47461	23.863	ug/L	97
71) Naphthalene	15.327	128	109921	24.745	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	44370	24.940	ug/L	98

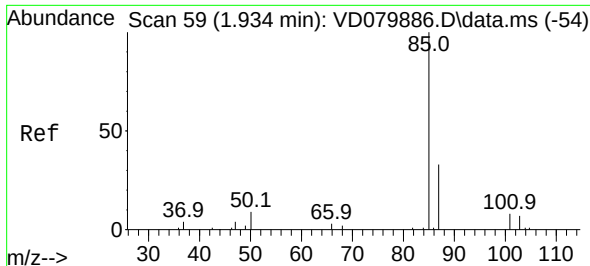
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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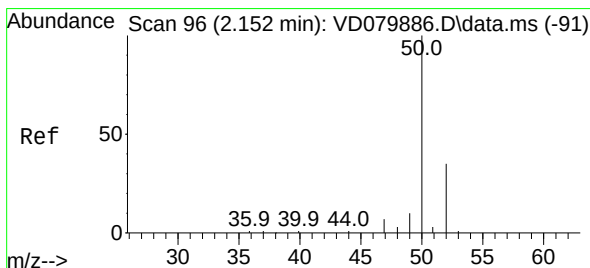
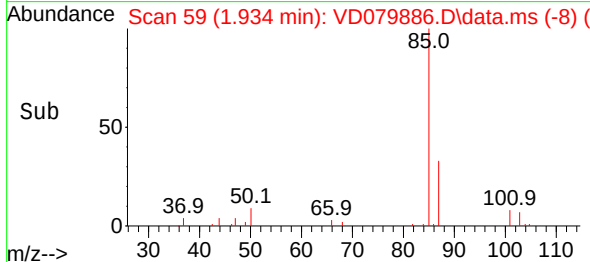
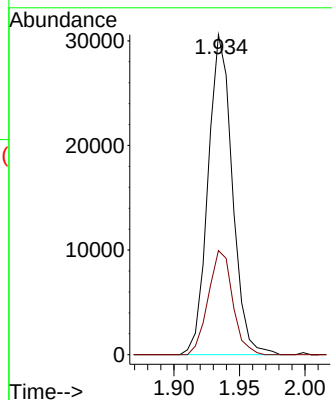
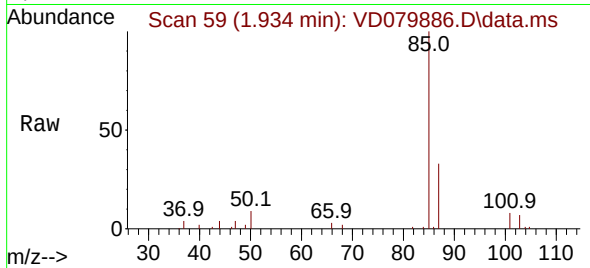




#2
Dichlorodifluoromethane
Concen: 19.326 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

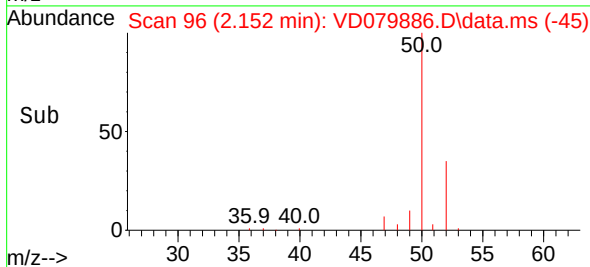
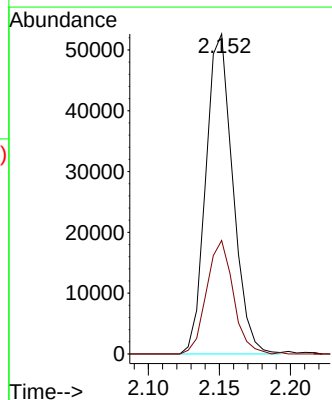
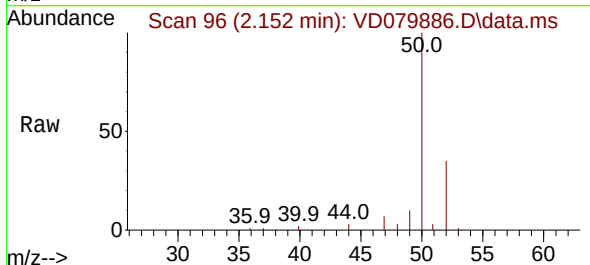
Instrument :
MSVOA_D
ClientSampleId :

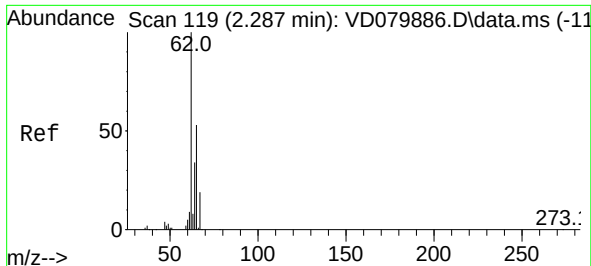
Tgt Ion: 85 Resp: 39419
Ion Ratio Lower Upper
85 100
87 32.6 25.0 37.6



#3
Chloromethane
Concen: 19.523 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 50 Resp: 69805
Ion Ratio Lower Upper
50 100
52 35.5 22.4 41.6

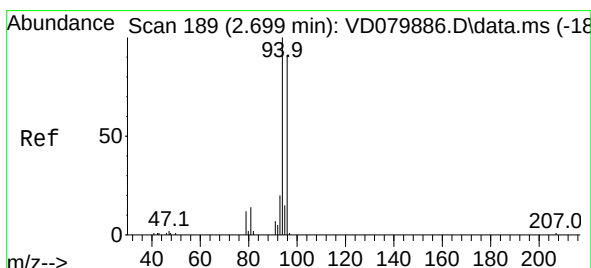
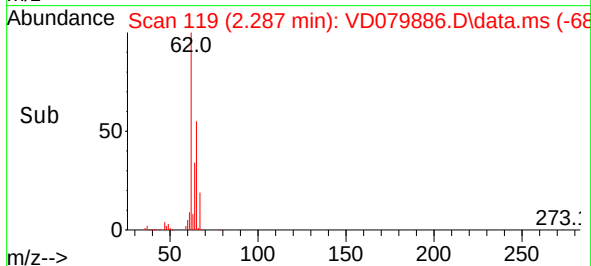
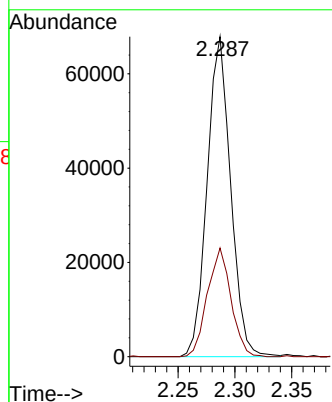
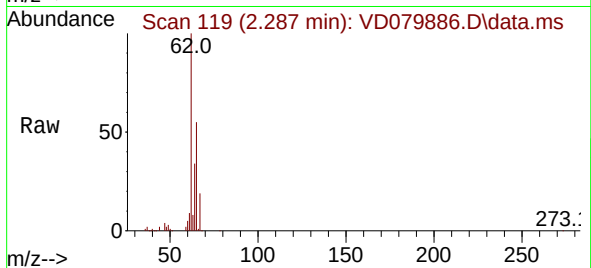




#5
Vinyl chloride
Concen: 22.320 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

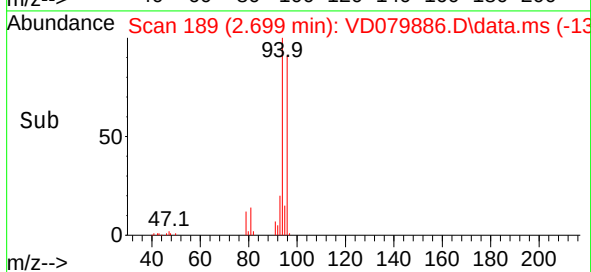
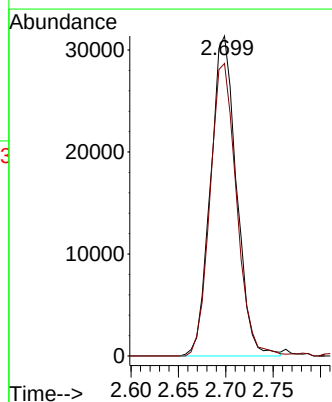
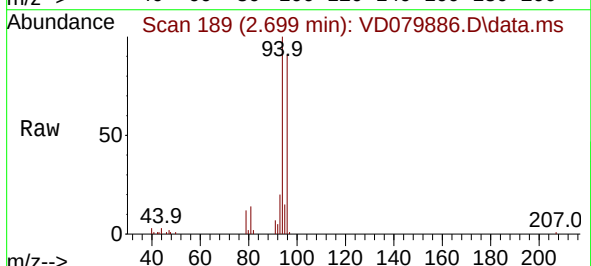
Instrument :
MSVOA_D
ClientSampleId :

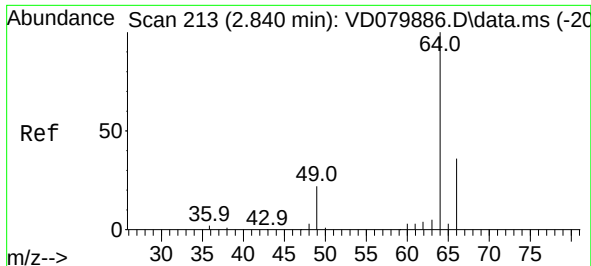
Tgt Ion: 62 Resp: 97793
Ion Ratio Lower Upper
62 100
64 34.0 22.6 42.0



#6
Bromomethane
Concen: 27.081 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 94 Resp: 59745
Ion Ratio Lower Upper
94 100
96 91.4 64.3 119.5

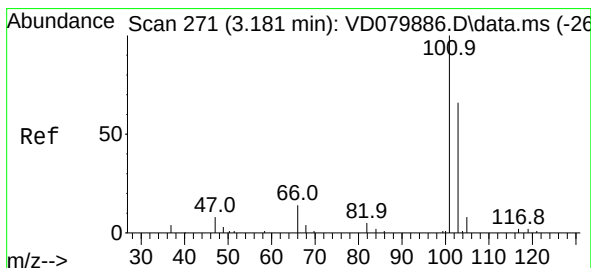
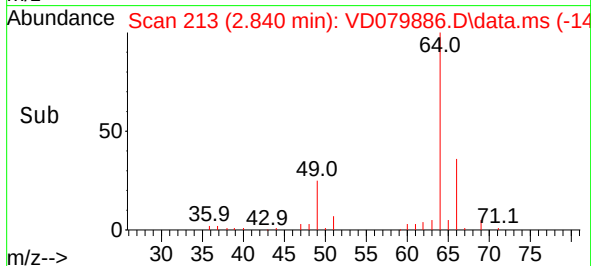
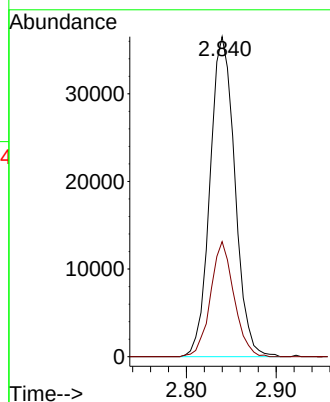
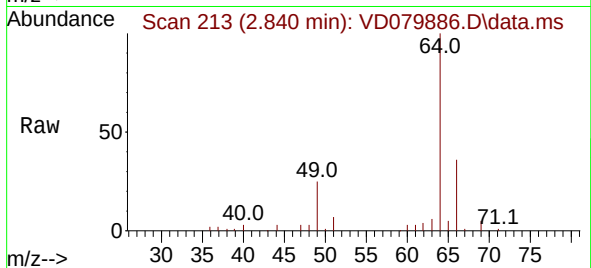




#8
Chloroethane
Concen: 24.302 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

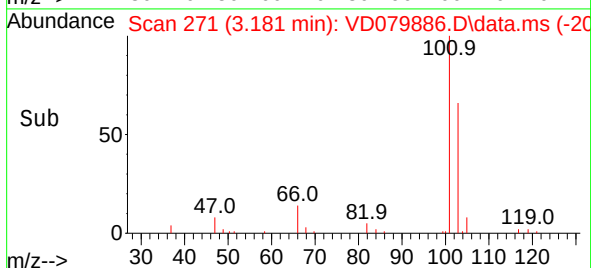
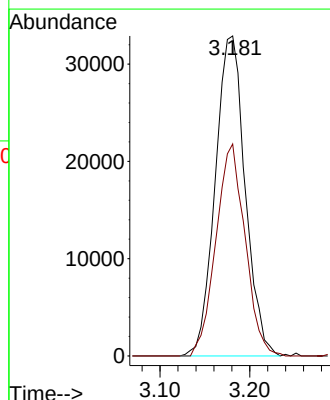
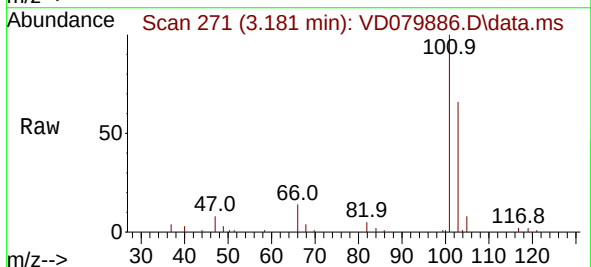
Instrument :
MSVOA_D
ClientSampleId :

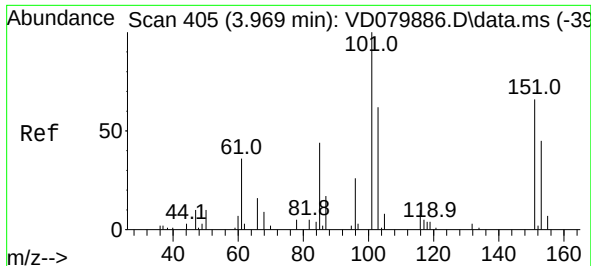
Tgt Ion: 64 Resp: 70347
Ion Ratio Lower Upper
64 100
66 35.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 24.173 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion:101 Resp: 76152
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7





#10

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

Concen: 22.699 ug/L

RT: 3.969 min Scan# 405

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

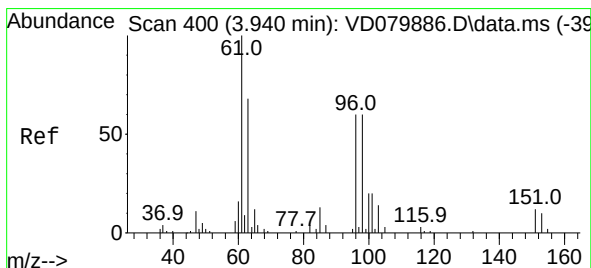
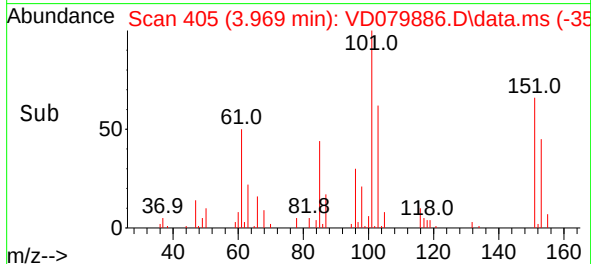
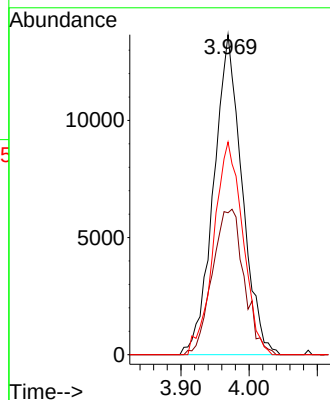
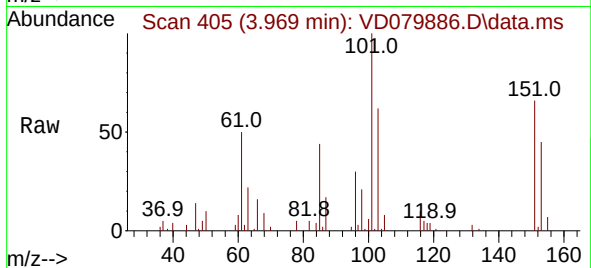
Tgt Ion:101 Resp: 39581

Ion Ratio Lower Upper

101 100

85 50.9 37.8 56.8

151 68.1 54.2 81.4



#12

1,1-Dichloroethene

Concen: 20.991 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

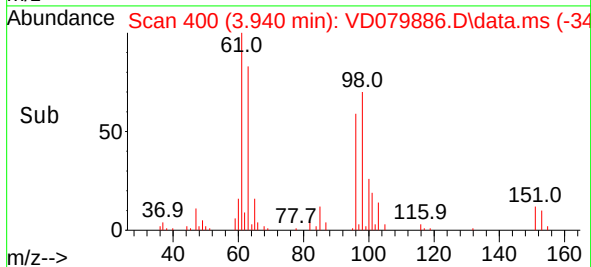
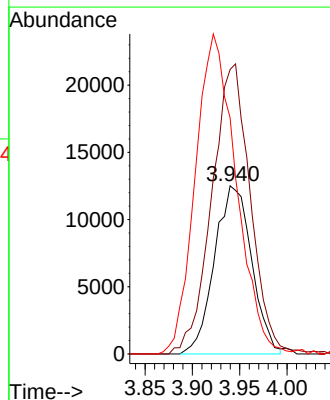
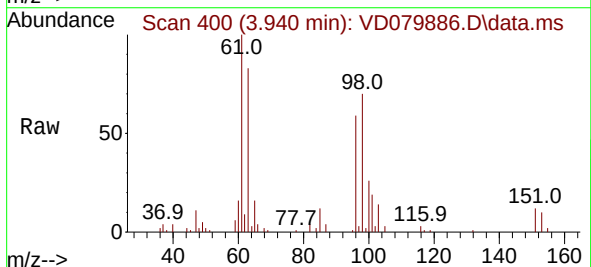
Tgt Ion: 96 Resp: 34092

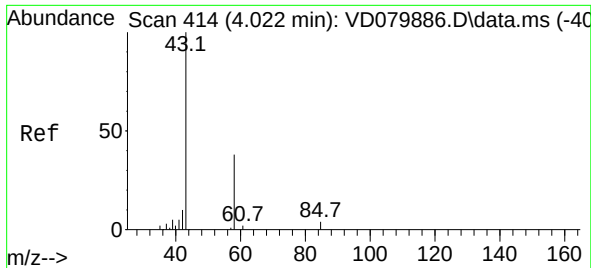
Ion Ratio Lower Upper

96 100

61 169.2 119.8 222.4

63 140.5 93.9 174.3





#13

Acetone

Concen: 55.374 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

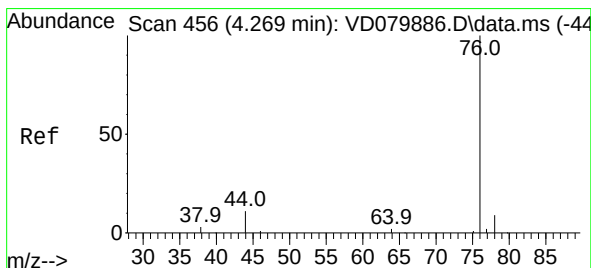
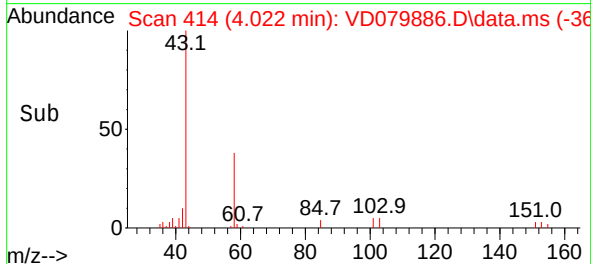
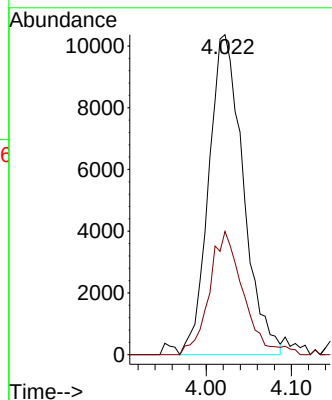
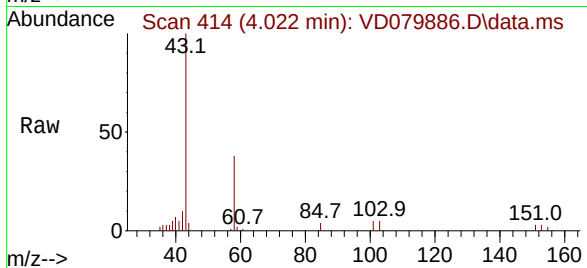
ClientSampleId :

Tgt Ion: 43 Resp: 29176

Ion Ratio Lower Upper

43 100

58 36.6 0.0 75.8



#14

Carbon disulfide

Concen: 18.958 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD079886.D

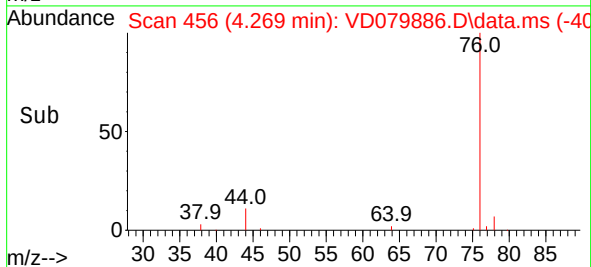
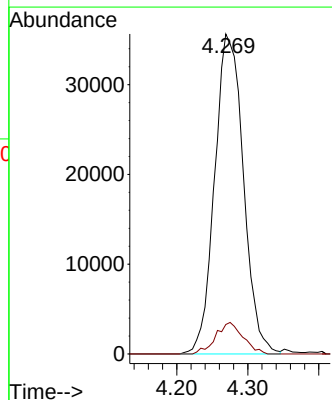
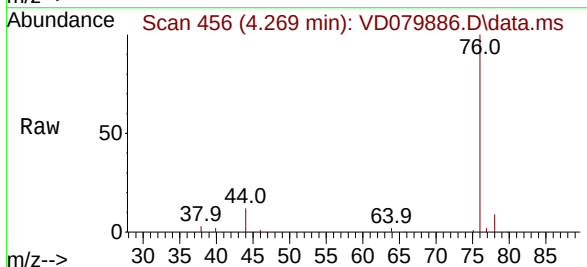
Acq: 25 Sep 2024 09:45

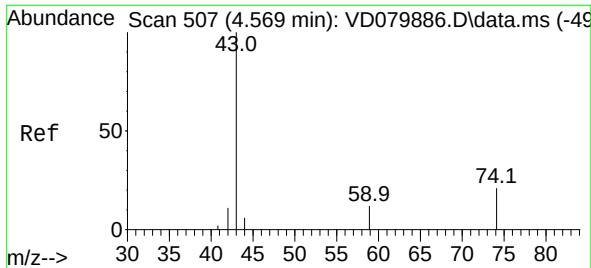
Tgt Ion: 76 Resp: 100158

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

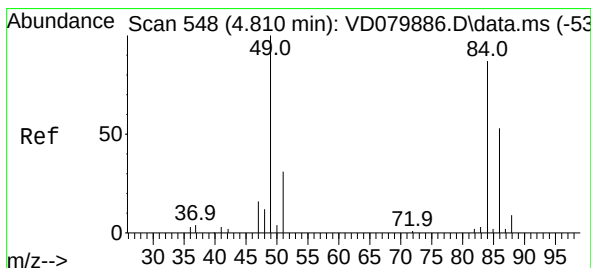
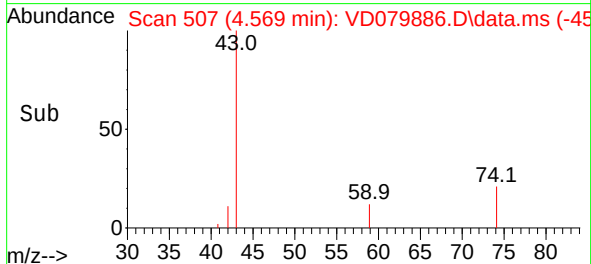
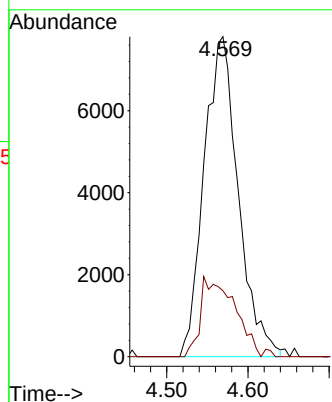
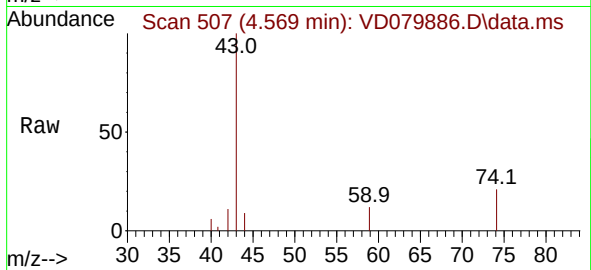




#15
Methyl Acetate
Concen: 27.211 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

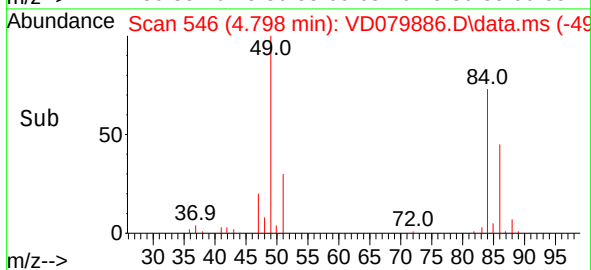
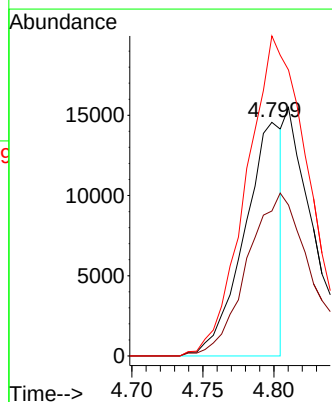
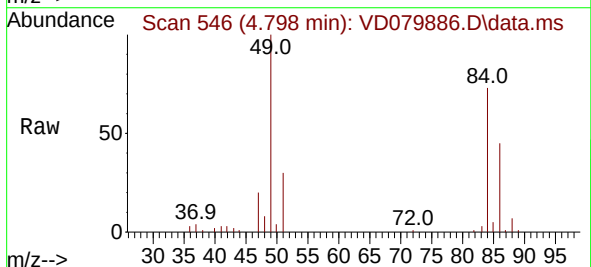
Instrument :
MSVOA_D
ClientSampleId :

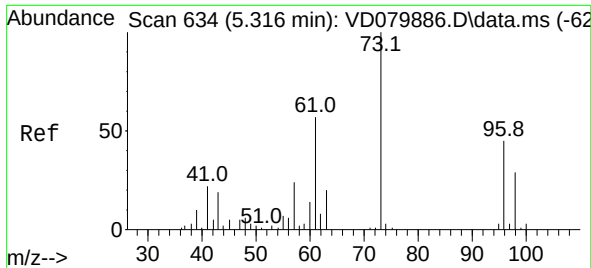
Tgt Ion: 43 Resp: 22838
Ion Ratio Lower Upper
43 100
74 7.4 11.9 17.9#



#16
Methylene chloride
Concen: 12.789 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 84 Resp: 27031
Ion Ratio Lower Upper
84 100
86 62.0 41.0 76.2
49 136.9 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 22.340 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

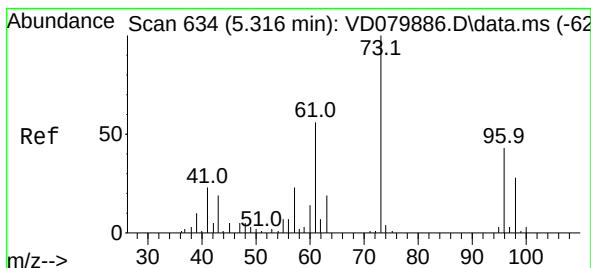
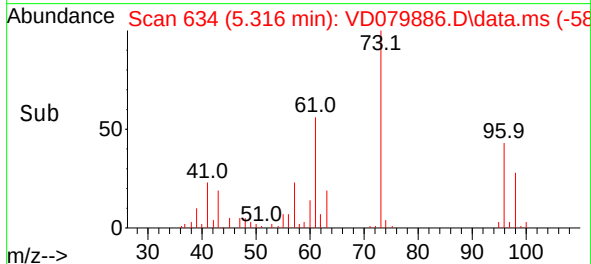
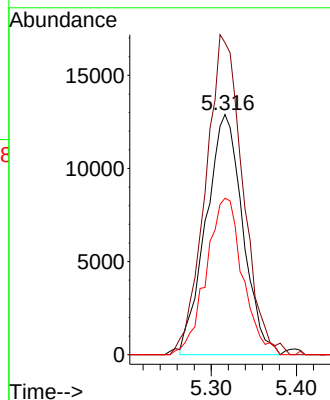
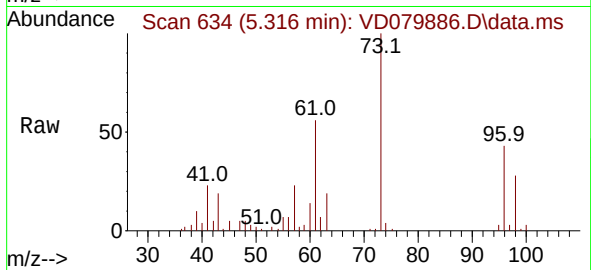
Tgt Ion: 96 Resp: 38688

Ion Ratio Lower Upper

96 100

61 129.9 88.7 164.7

98 65.2 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 26.065 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

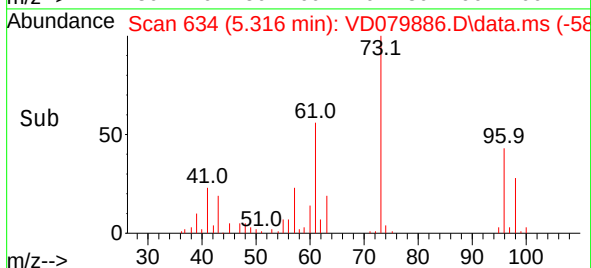
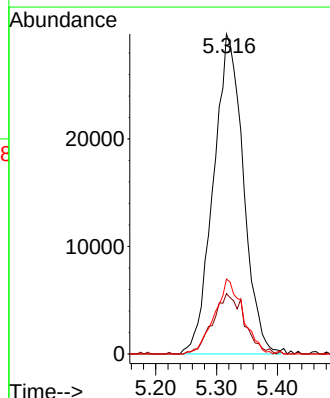
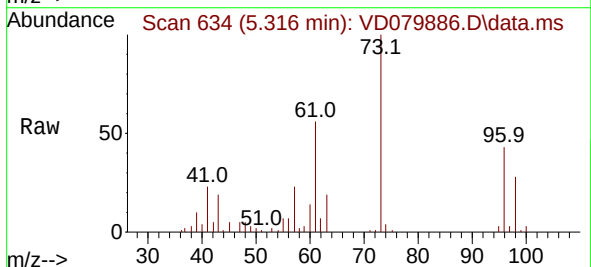
Tgt Ion: 73 Resp: 101546

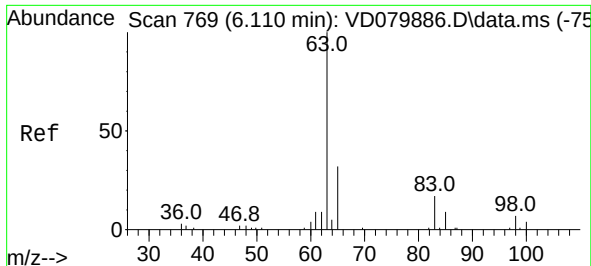
Ion Ratio Lower Upper

73 100

43 14.7 14.5 21.7

57 22.1 18.8 28.2

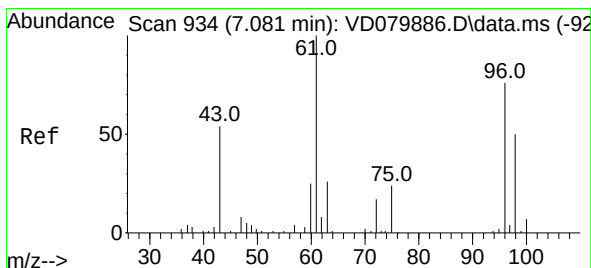
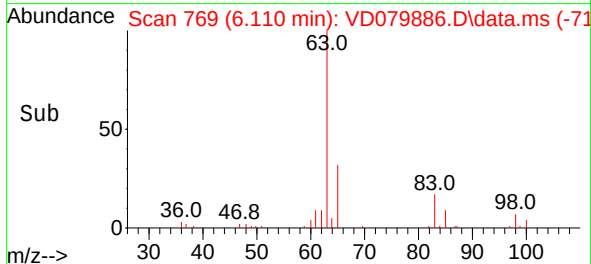
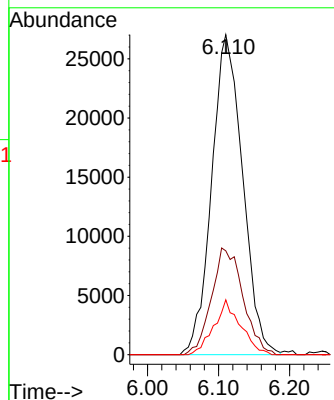
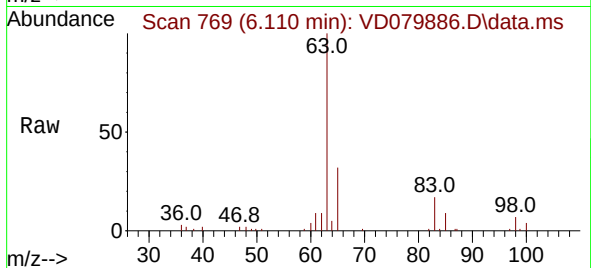




#19
1,1-Dichloroethane
Concen: 23.780 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

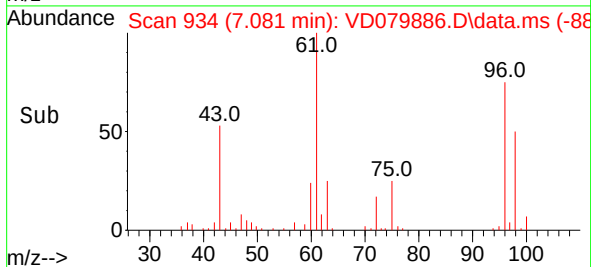
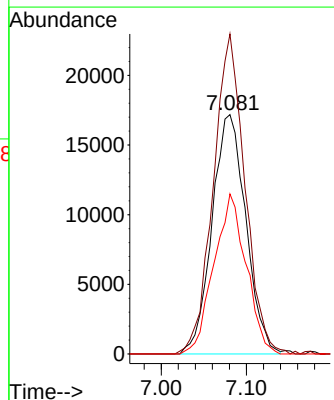
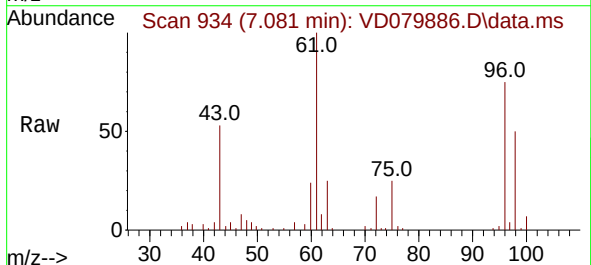
Instrument :
MSVOA_D
ClientSampleId :

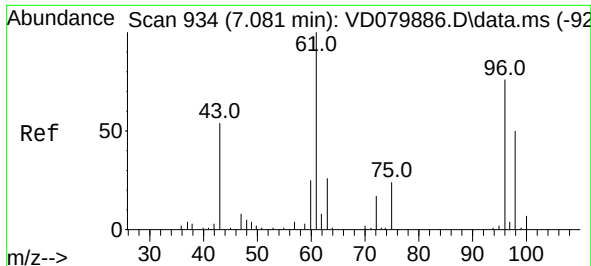
Tgt Ion: 63 Resp: 81800
Ion Ratio Lower Upper
63 100
65 32.4 22.6 42.0
83 17.1 9.0 16.8#



#20
cis-1,2-Dichloroethene
Concen: 24.879 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 96 Resp: 47438
Ion Ratio Lower Upper
96 100
61 133.6 83.8 155.6
98 66.8 45.9 85.3

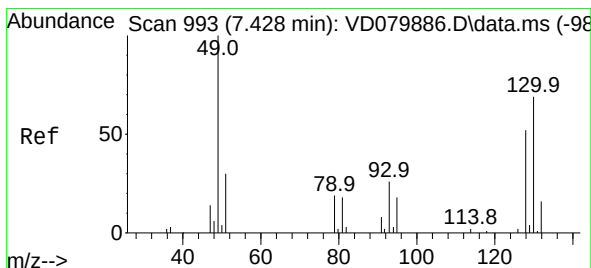
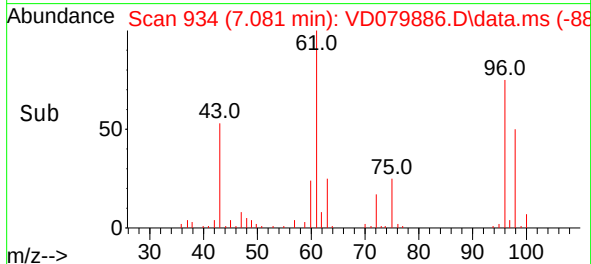
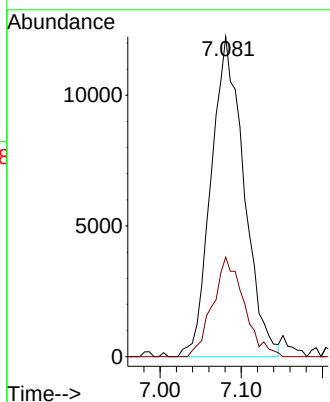
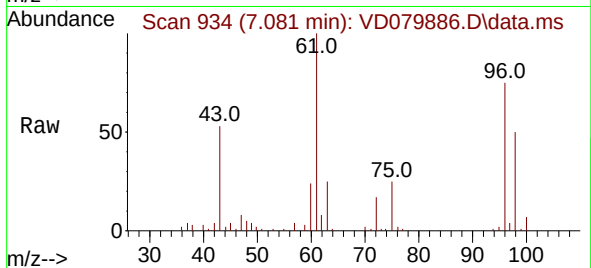




#22
2-Butanone
Concen: 55.748 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

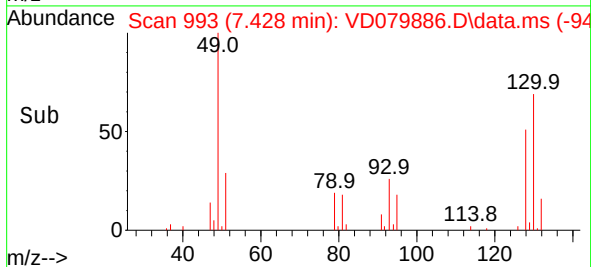
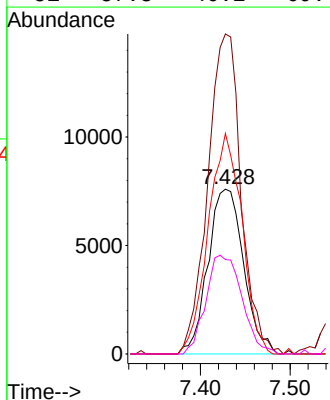
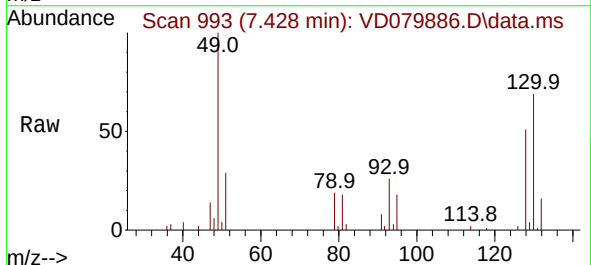
Instrument :
MSVOA_D
ClientSampleId :

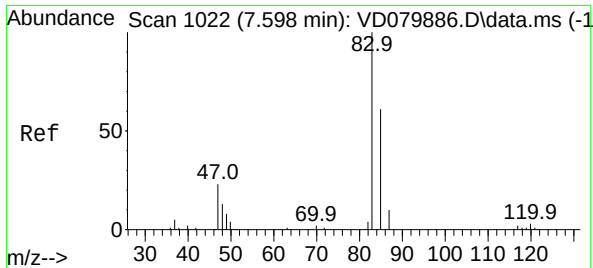
Tgt Ion: 43 Resp: 34456
Ion Ratio Lower Upper
43 100
72 28.4 13.1 39.3



#23
Bromochloromethane
Concen: 25.923 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 128 Resp: 20979
Ion Ratio Lower Upper
128 100
49 194.2 132.3 245.7
130 133.8 89.4 166.0
51 57.3 46.2 69.4

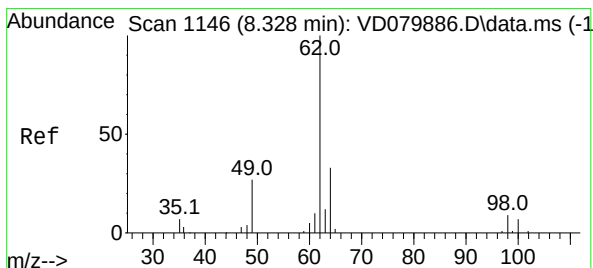
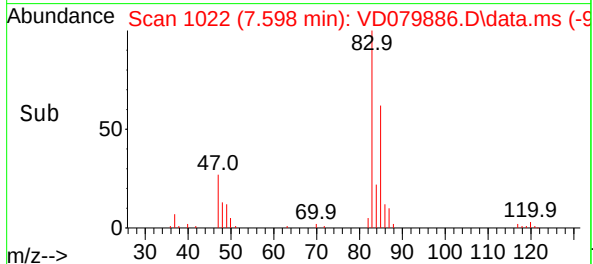
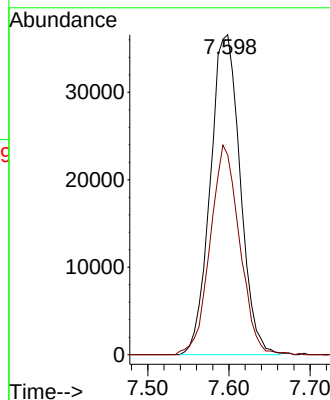
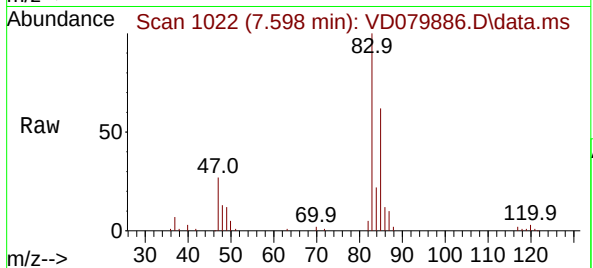




#25
Chloroform
Concen: 26.179 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

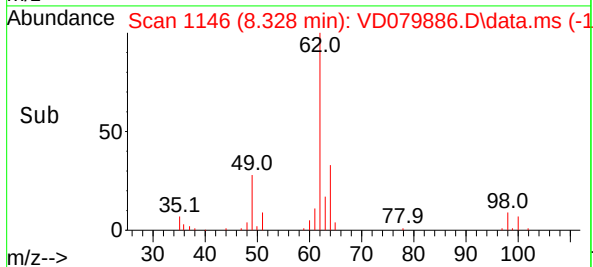
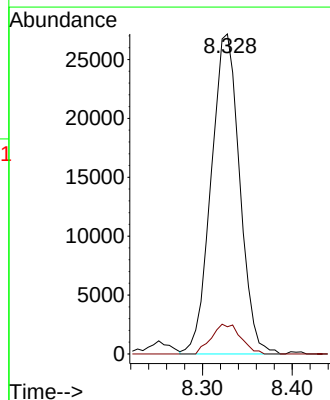
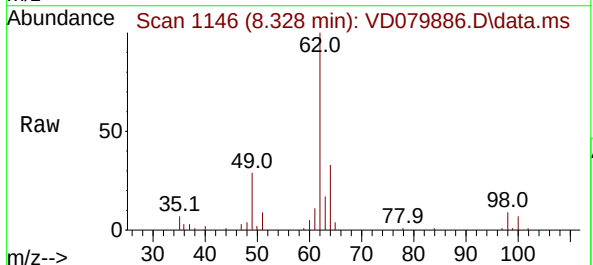
Instrument :
MSVOA_D
ClientSampleId :

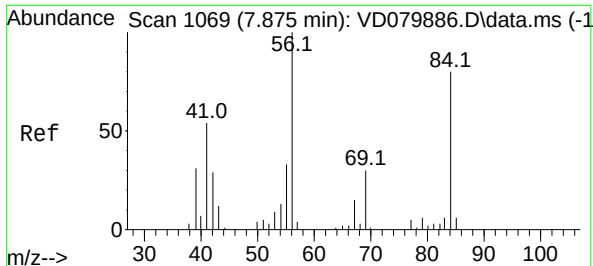
Tgt Ion: 83 Resp: 93740
Ion Ratio Lower Upper
83 100
85 62.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 27.432 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 62 Resp: 60035
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3

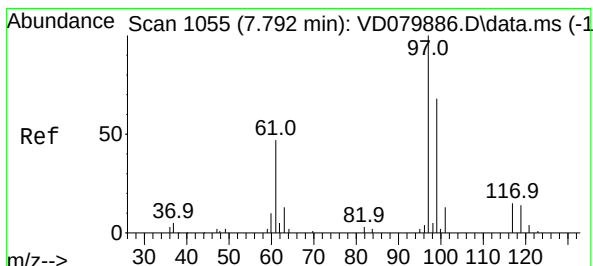
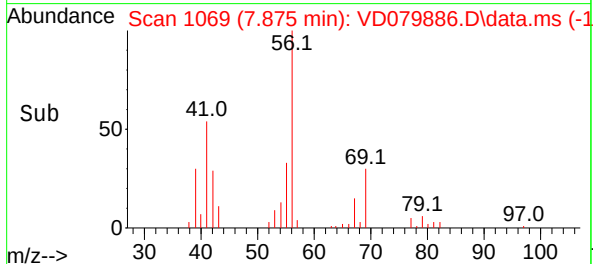
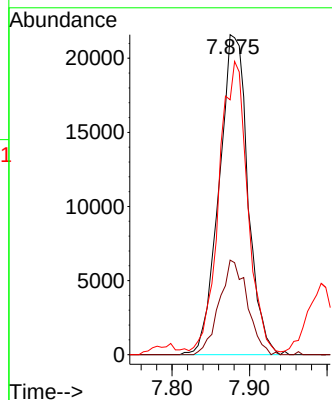
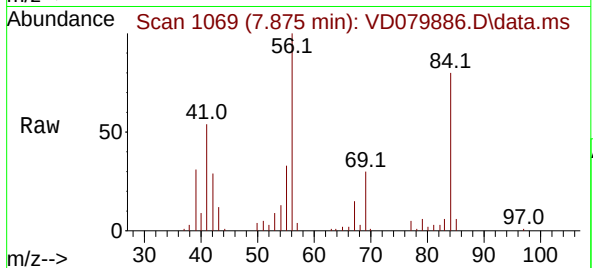




#29
Cyclohexane
Concen: 20.476 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

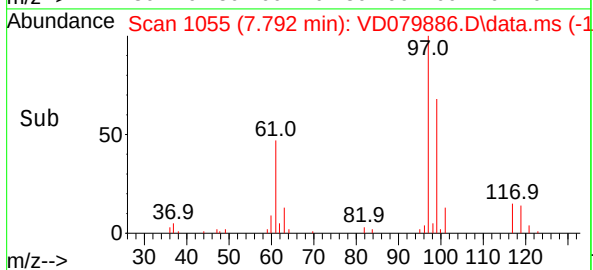
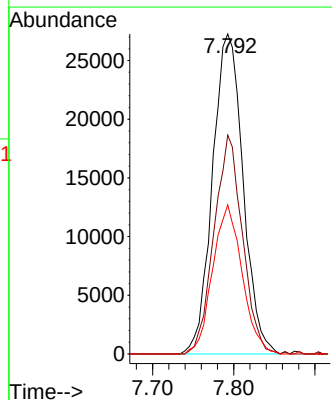
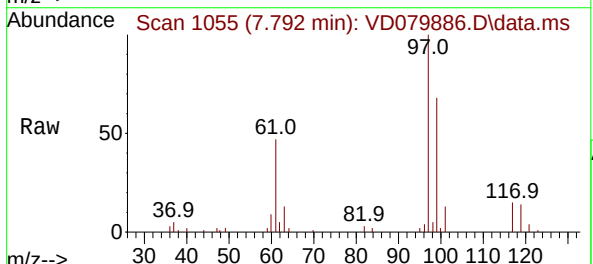
Instrument :
MSVOA_D
ClientSampleId :

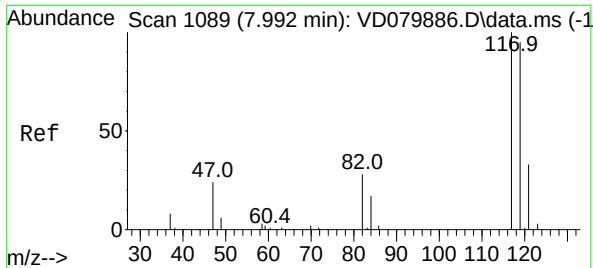
Tgt Ion: 56 Resp: 55782
Ion Ratio Lower Upper
56 100
69 28.7 22.8 34.2
84 91.7 69.1 103.7



#30
1,1,1-Trichloroethane
Concen: 23.741 ug/L
RT: 7.792 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 97 Resp: 71275
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 45.0 35.4 53.2

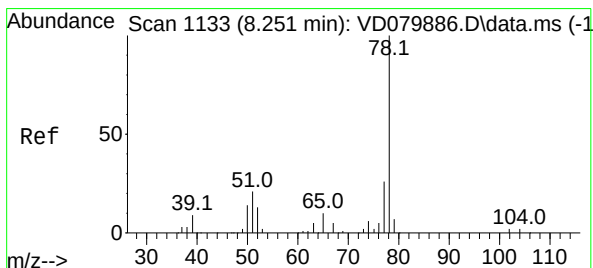
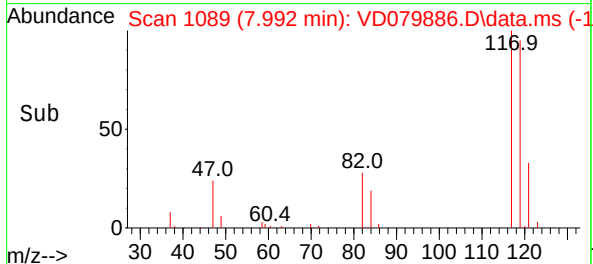
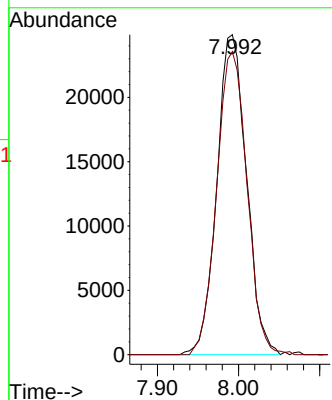
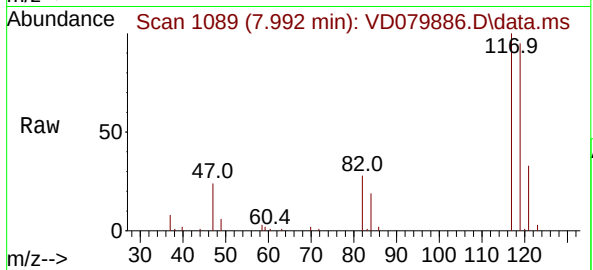




#31
Carbon tetrachloride
Concen: 23.746 ug/L
RT: 7.992 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

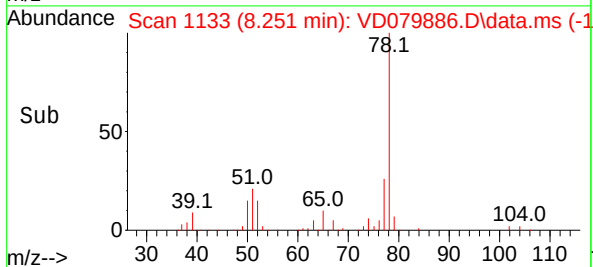
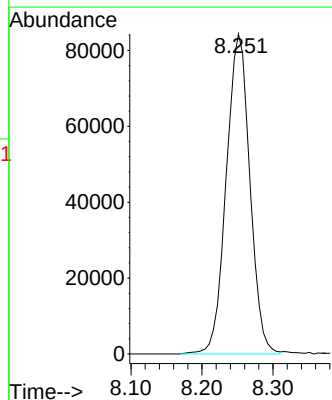
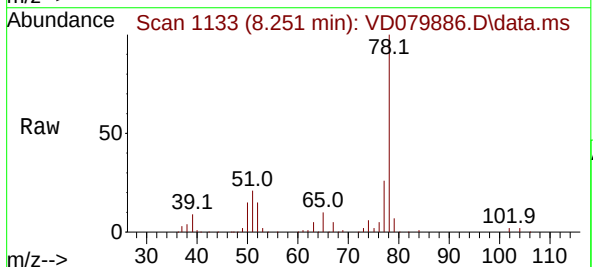
Instrument :
MSVOA_D
ClientSampleId :

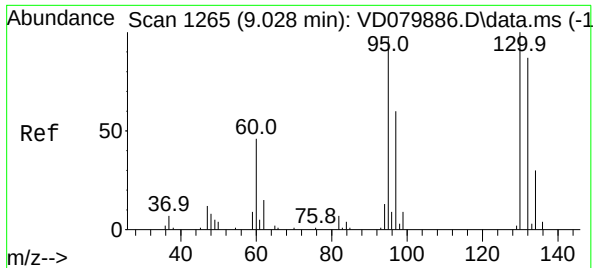
Tgt Ion:117 Resp: 63164
Ion Ratio Lower Upper
117 100
119 96.6 76.0 114.0



#33
Benzene
Concen: 23.737 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 78 Resp: 194668



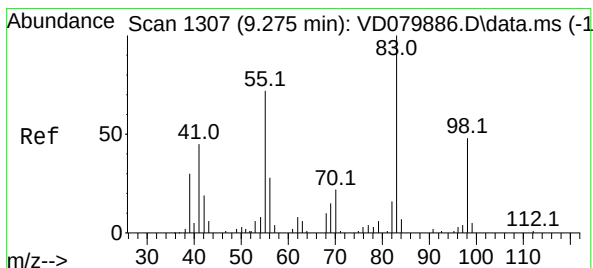
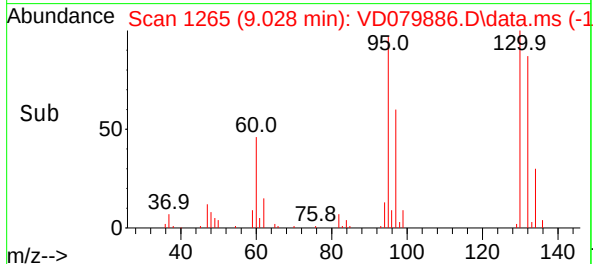
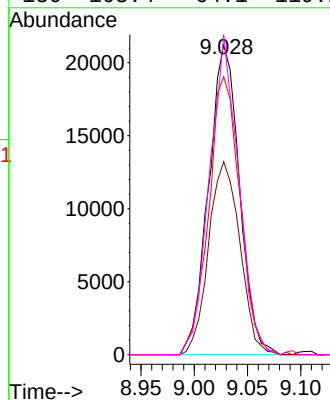
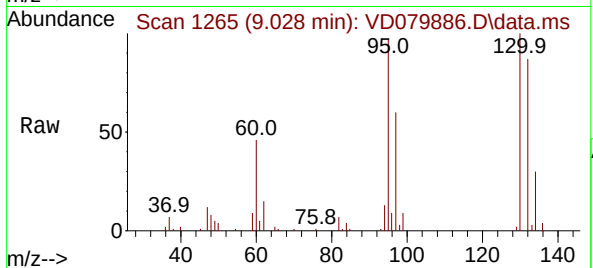


#34
Trichloroethene
Concen: 22.544 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 42722

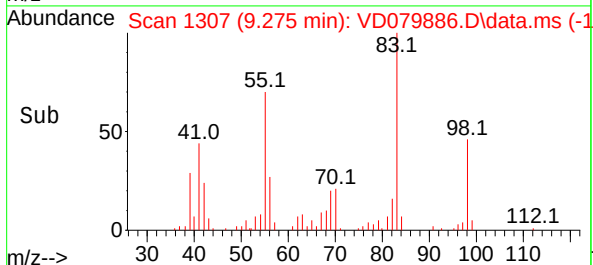
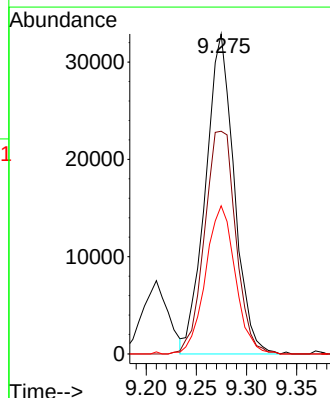
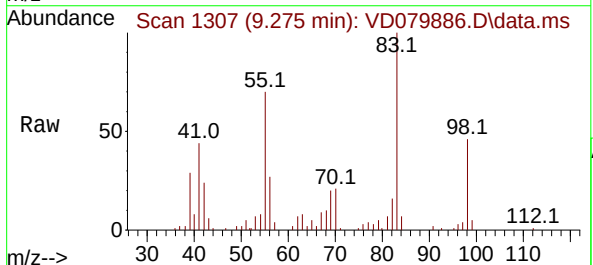
Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.5	80.7
132	89.8	64.5	119.7
130	103.4	64.1	119.1

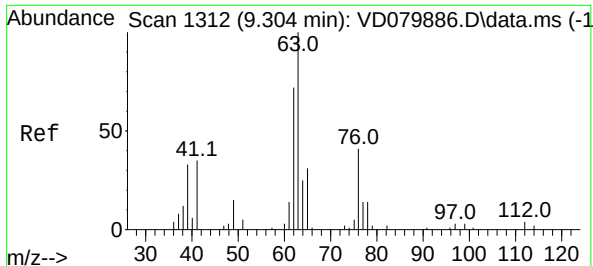


#35
Methylcyclohexane
Concen: 21.372 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 83 Resp: 65358

Ion	Ratio	Lower	Upper
83	100		
55	75.9	58.9	88.3
98	48.0	38.6	58.0

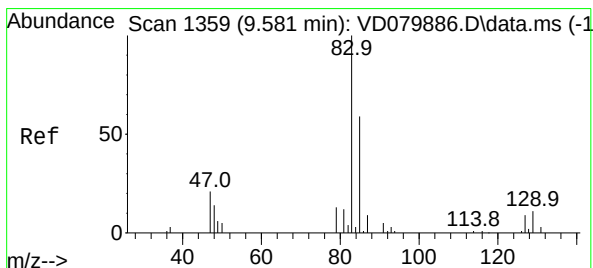
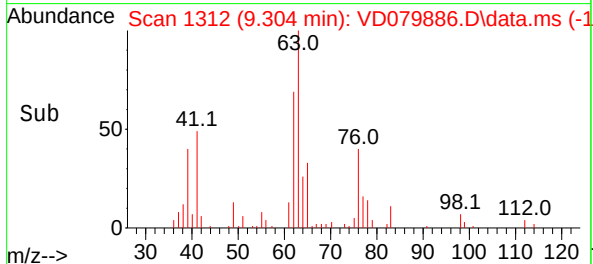
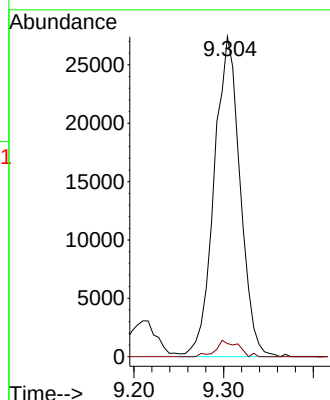
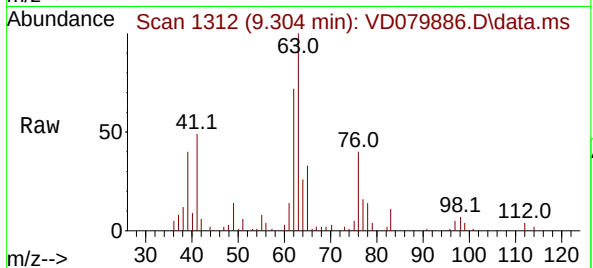




#37
1,2-Dichloropropane
Concen: 24.642 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

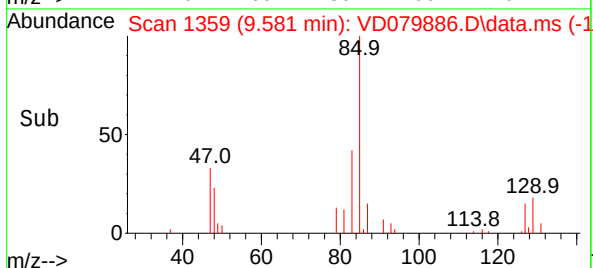
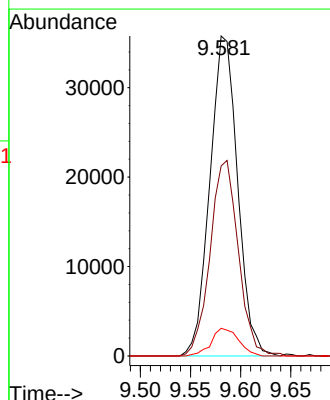
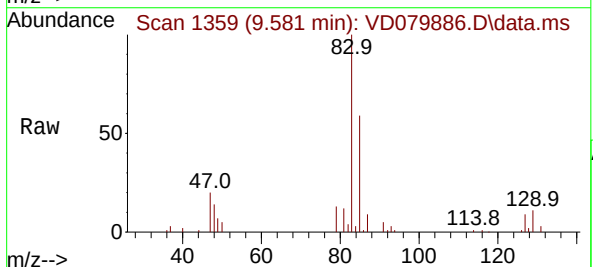
Instrument :
MSVOA_D
ClientSampleId :

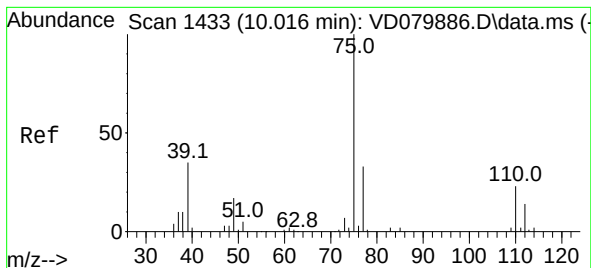
Tgt Ion: 63 Resp: 55115
Ion Ratio Lower Upper
63 100
112 2.8 0.0 0.0#



#38
Bromodichloromethane
Concen: 26.443 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion: 83 Resp: 68914
Ion Ratio Lower Upper
83 100
85 59.4 45.9 85.3
127 8.6 6.7 10.1

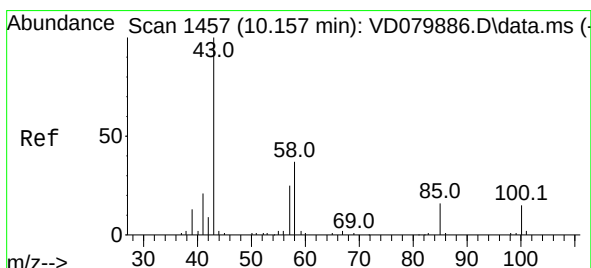
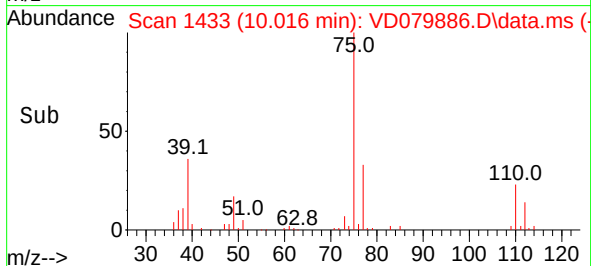
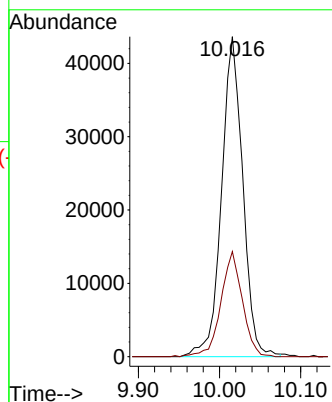
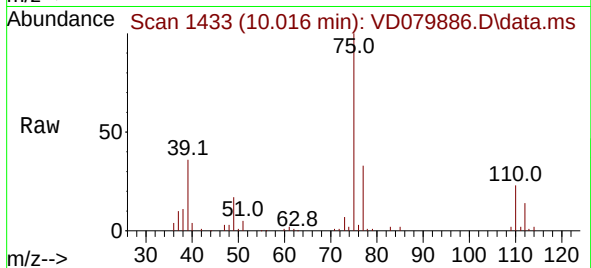




#39
 cis-1,3-Dichloropropene
 Concen: 25.309 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079886.D
 Acq: 25 Sep 2024 09:45

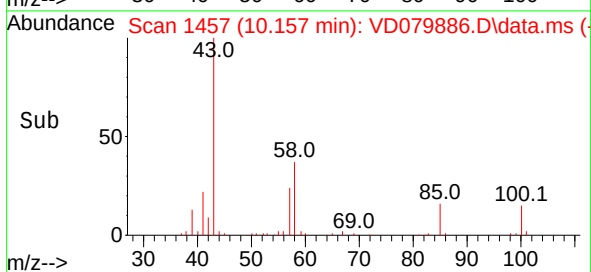
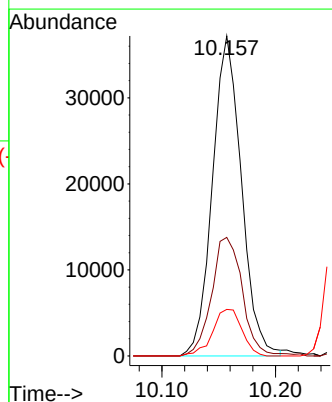
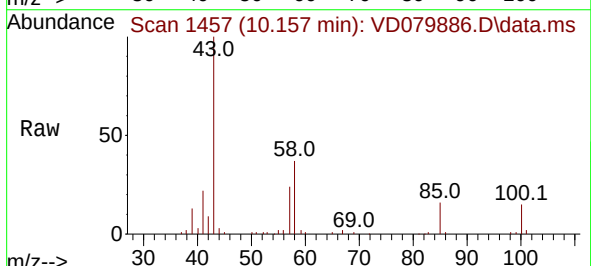
Instrument :
 MSVOA_D
 ClientSampleId :

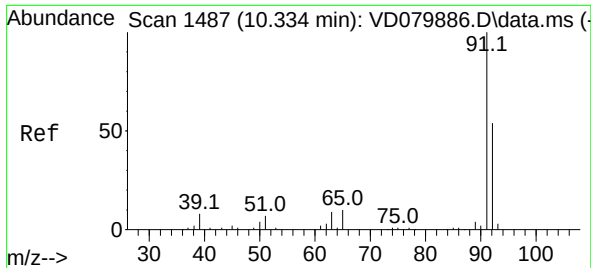
Tgt Ion: 75 Resp: 79487
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 56.179 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079886.D
 Acq: 25 Sep 2024 09:45

Tgt Ion: 43 Resp: 65773
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.1 46.7
 100 14.9 11.8 17.6





#42

Toluene

Concen: 25.016 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

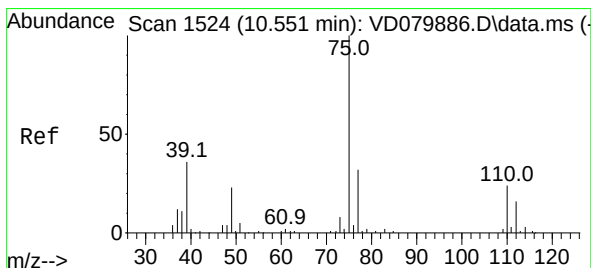
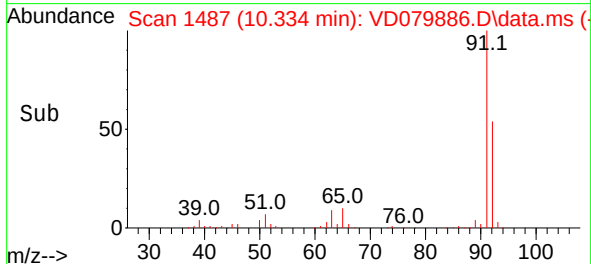
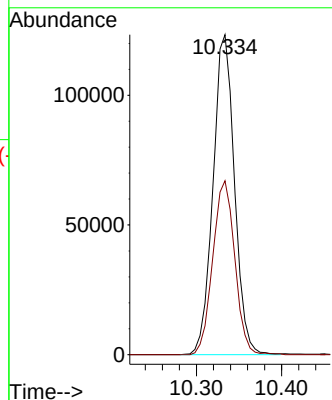
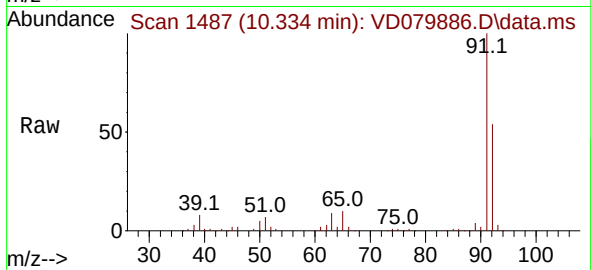
ClientSampleId :

Tgt Ion: 91 Resp: 216108

Ion Ratio Lower Upper

91 100

92 54.3 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 26.817 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079886.D

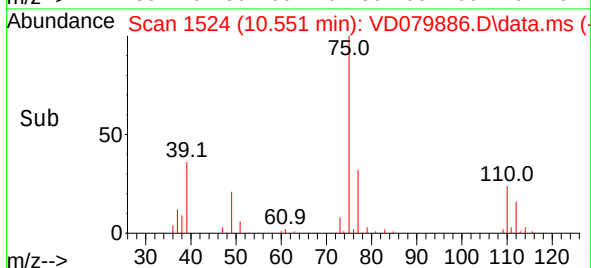
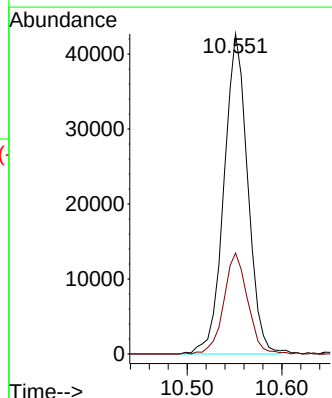
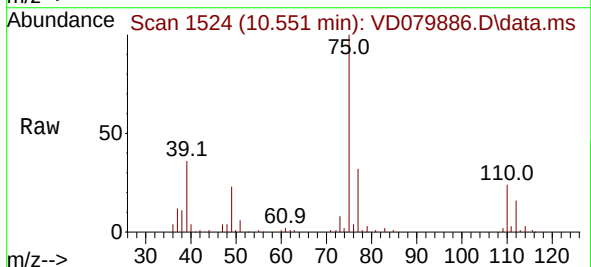
Acq: 25 Sep 2024 09:45

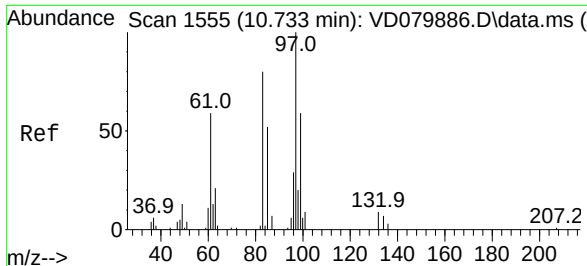
Tgt Ion: 75 Resp: 74227

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4

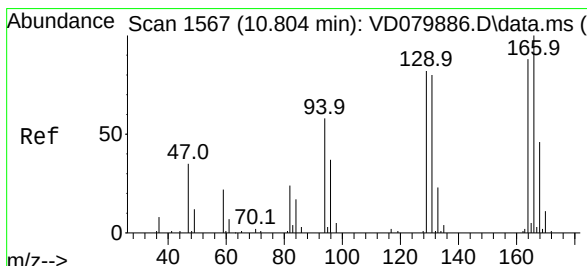
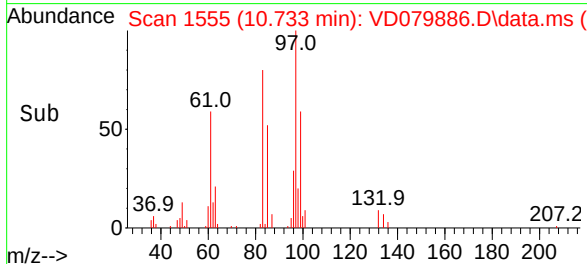
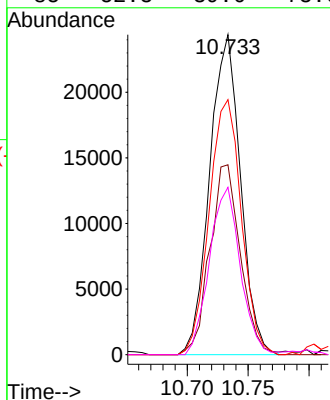
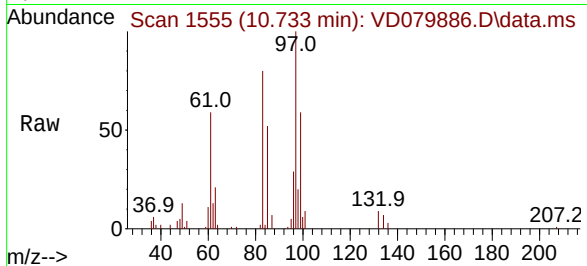




#45
1,1,2-Trichloroethane
Concen: 28.185 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

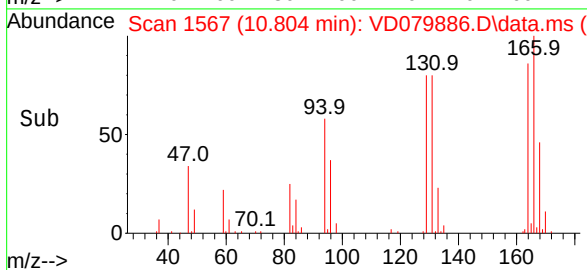
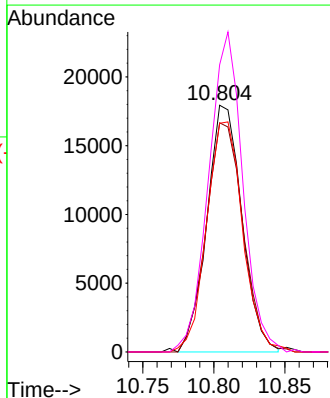
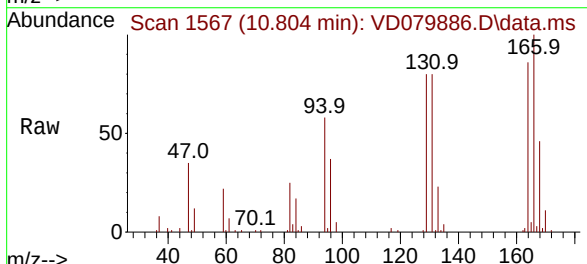
Instrument :
MSVOA_D
ClientSampleId :

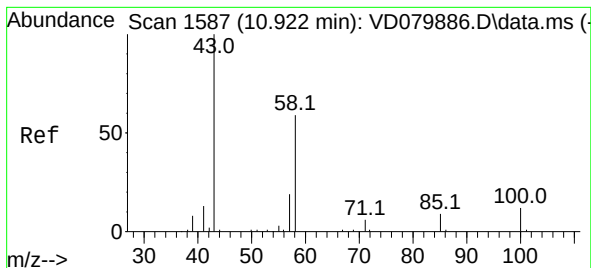
Tgt Ion:	97	Resp:	43069
Ion	Ratio	Lower	Upper
97	100		
99	59.3	45.1	83.7
83	79.7	65.2	121.0
85	52.3	39.6	73.6



#46
Tetrachloroethene
Concen: 23.907 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion:	164	Resp:	30757
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.7	127.5
131	92.6	62.5	116.1
166	116.4	85.0	157.8





#48

2-Hexanone

Concen: 58.876 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

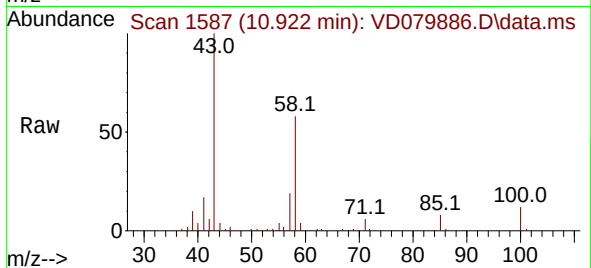
Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 56069

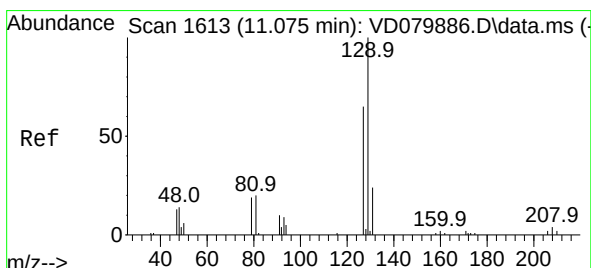
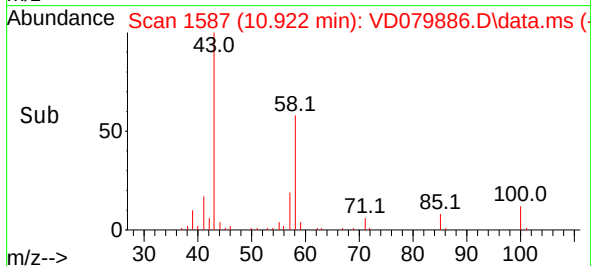
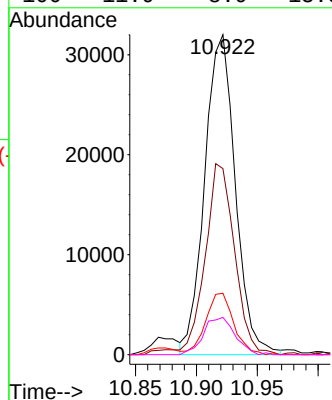
Ion Ratio Lower Upper

43 100

58 56.8 44.7 67.1

57 17.6 13.6 20.4

100 11.9 8.9 13.3



#49

Dibromochloromethane

Concen: 27.340 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD079886.D

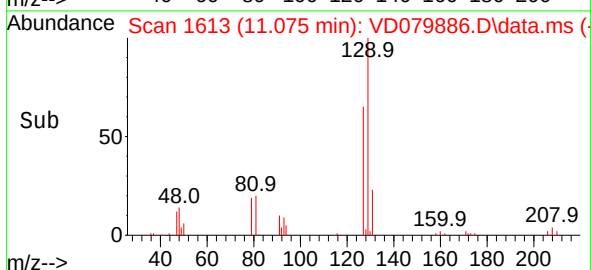
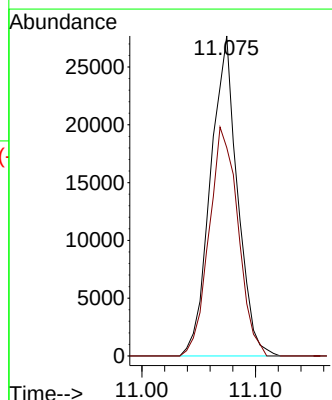
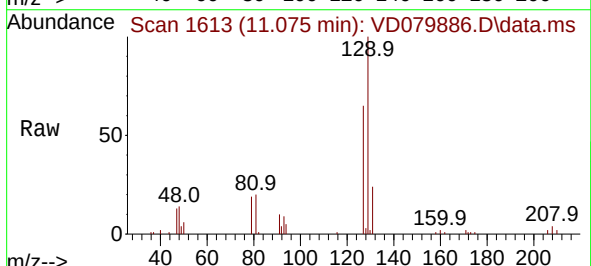
Acq: 25 Sep 2024 09:45

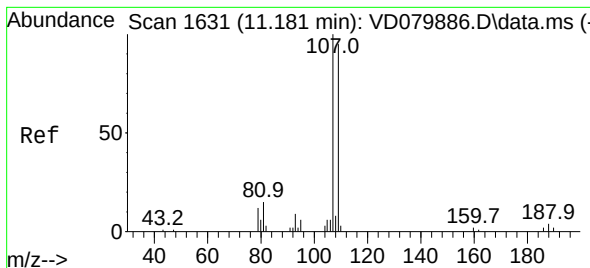
Tgt Ion:129 Resp: 45601

Ion Ratio Lower Upper

129 100

127 65.1 55.2 102.6





#50

1,2-Dibromoethane

Concen: 26.514 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079886.D

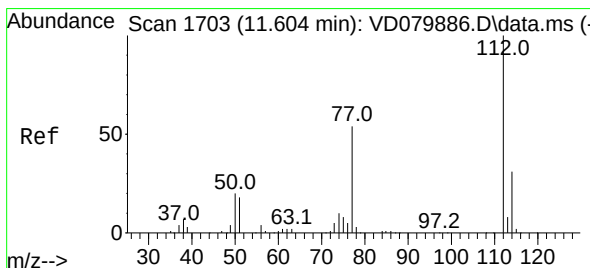
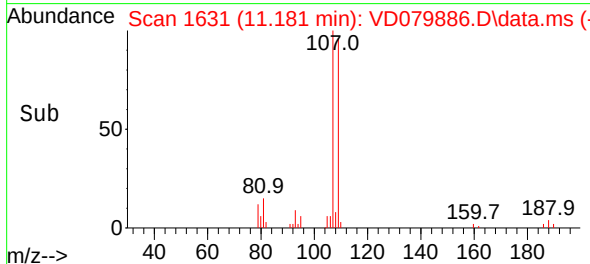
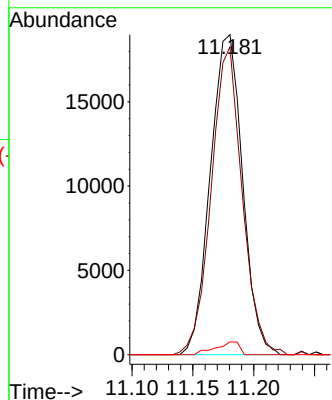
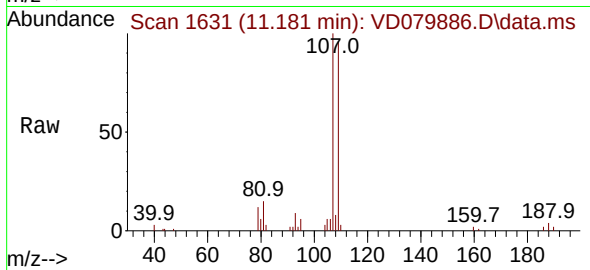
Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	34993
Ion Ratio	Lower	Upper	
107	100		
109	96.2	61.5	114.1
188	4.0	2.3	3.5#



#51

Chlorobenzene

Concen: 24.906 ug/L

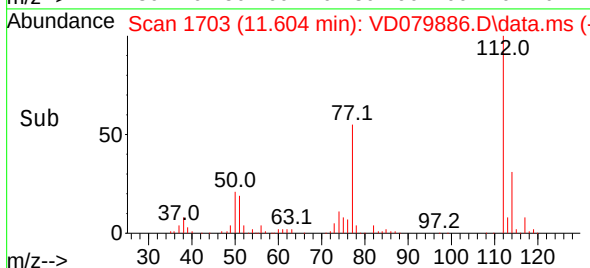
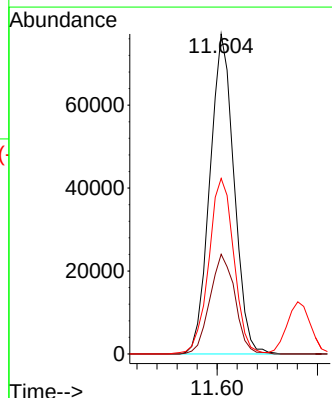
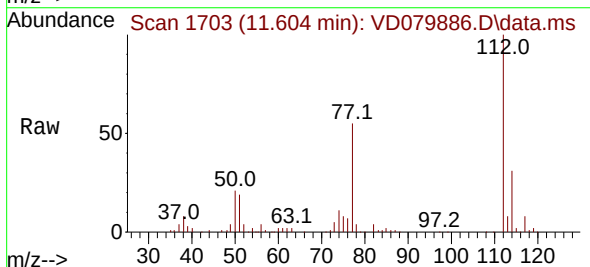
RT: 11.604 min Scan# 1703

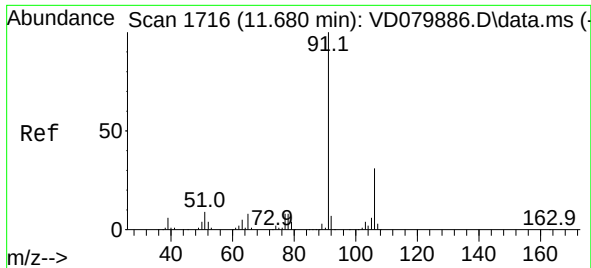
Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Tgt Ion:	112	Resp:	129122
Ion Ratio	Lower	Upper	
112	100		
114	31.2	22.0	41.0
77	54.9	46.7	70.1





#52

Ethylbenzene

Concen: 25.182 ug/L

RT: 11.680 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

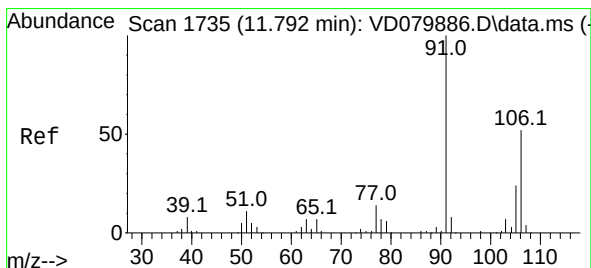
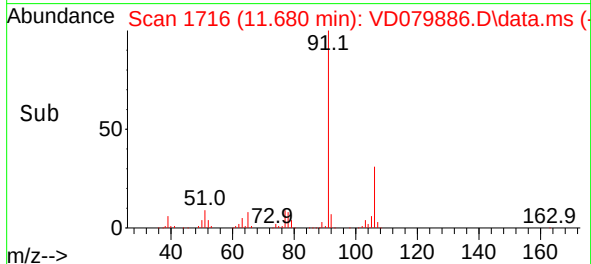
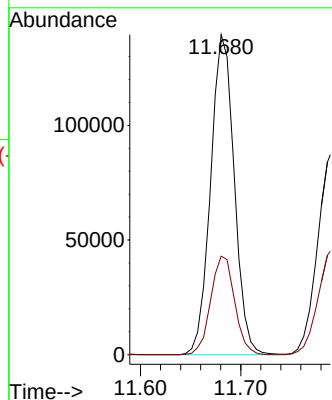
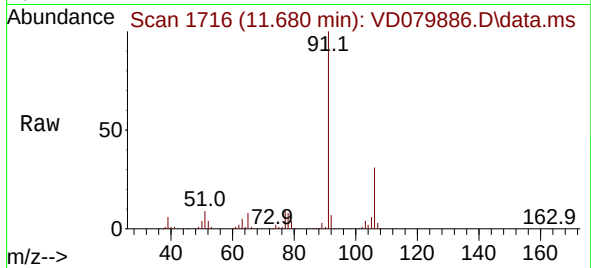
ClientSampleId :

Tgt Ion: 91 Resp: 228526

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5



#53

m,p-Xylene

Concen: 25.269 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079886.D

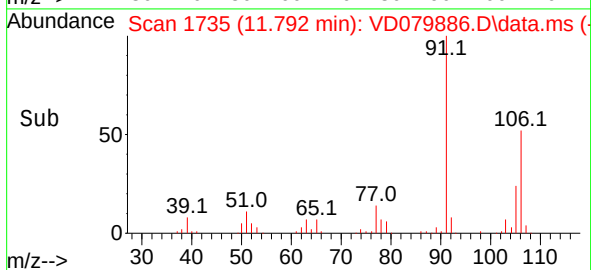
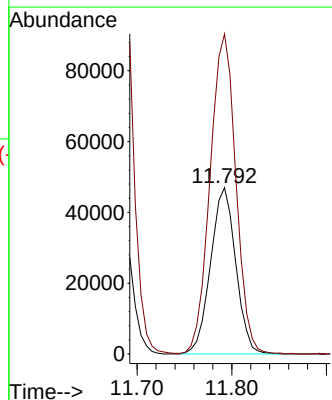
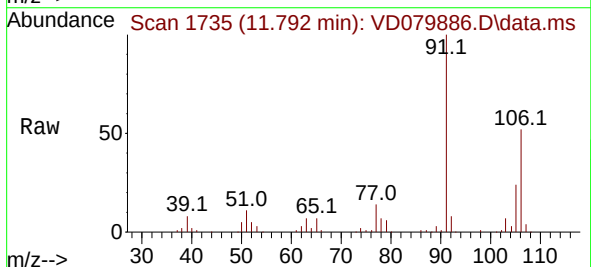
Acq: 25 Sep 2024 09:45

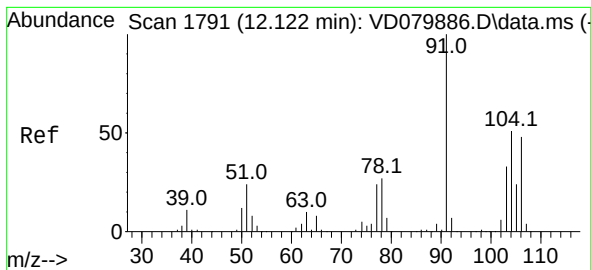
Tgt Ion:106 Resp: 86858

Ion Ratio Lower Upper

106 100

91 192.5 138.3 256.9

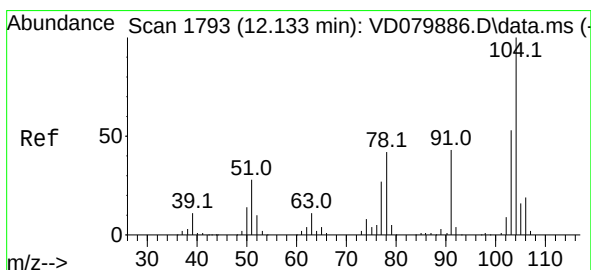
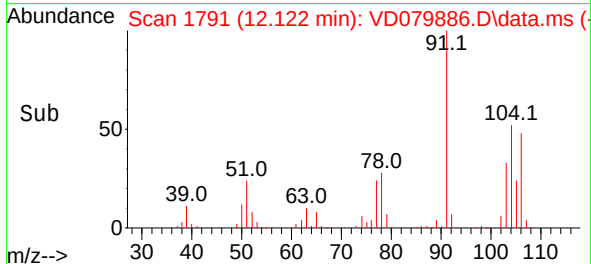
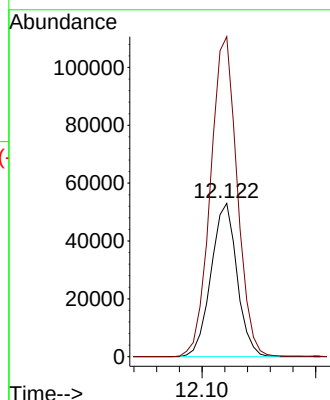
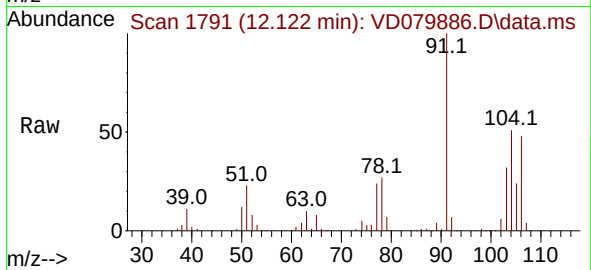




#54
o-Xylene
Concen: 24.958 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

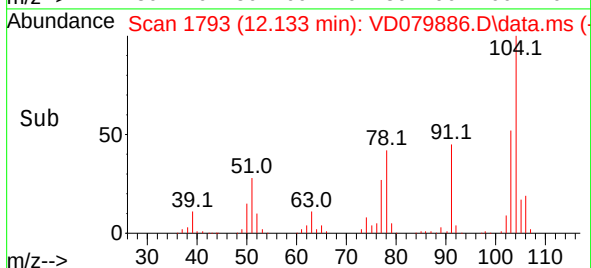
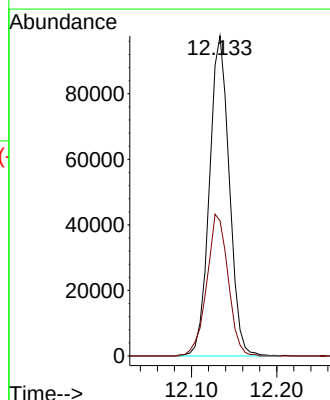
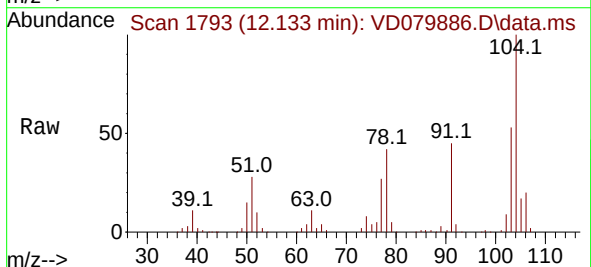
Instrument :
MSVOA_D
ClientSampleId :

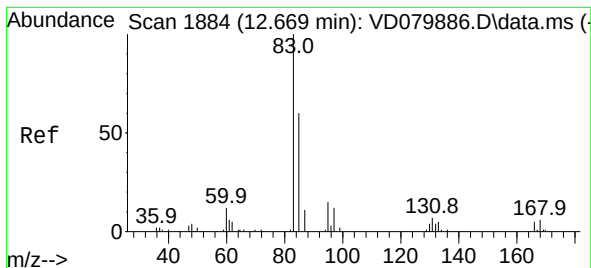
Tgt Ion:106 Resp: 84114
Ion Ratio Lower Upper
106 100
91 208.8 152.6 283.4



#55
Styrene
Concen: 26.671 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion:104 Resp: 157975
Ion Ratio Lower Upper
104 100
78 42.2 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 29.059 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

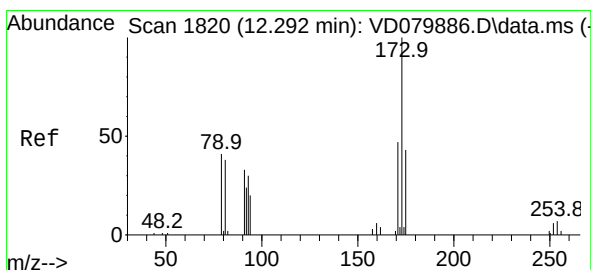
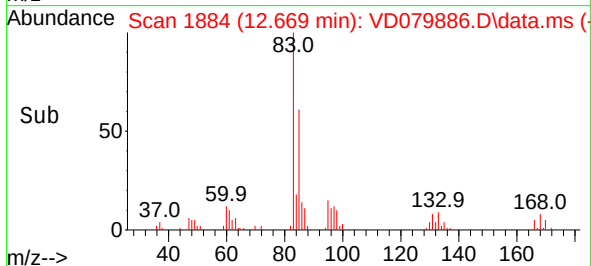
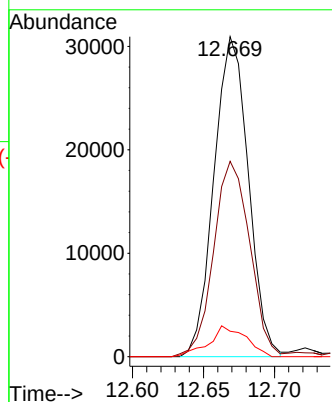
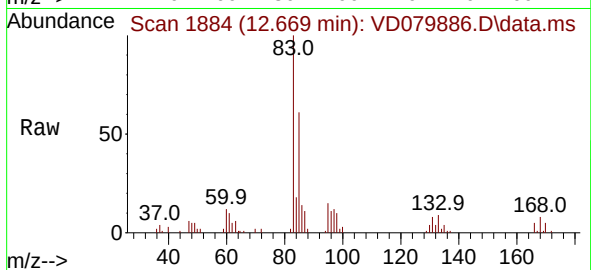
Tgt Ion: 83 Resp: 52049

Ion Ratio Lower Upper

83 100

85 61.0 46.8 87.0

131 8.0 6.5 9.7



#59

Bromoform

Concen: 27.983 ug/L

RT: 12.292 min Scan# 1820

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

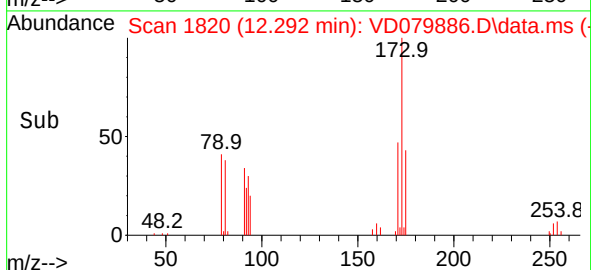
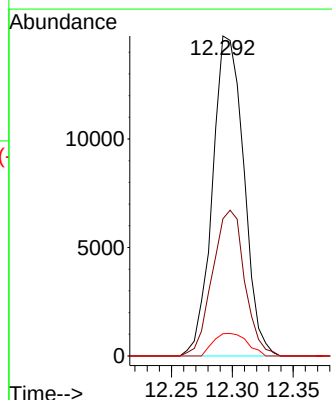
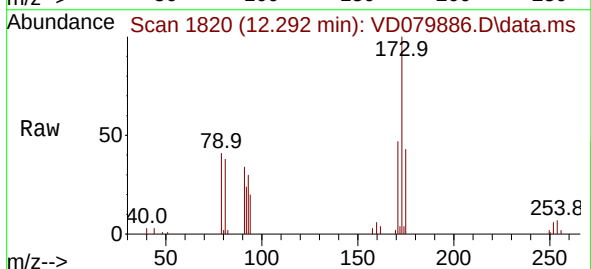
Tgt Ion:173 Resp: 26376

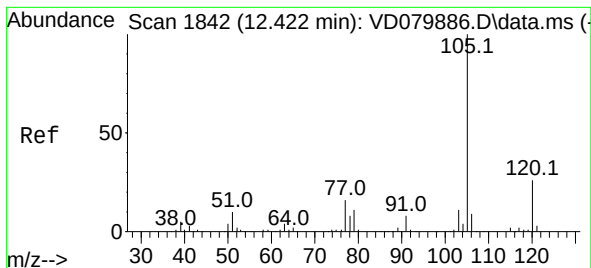
Ion Ratio Lower Upper

173 100

175 46.9 39.2 58.8

254 7.6 5.5 8.3





#60

Isopropylbenzene

Concen: 23.601 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

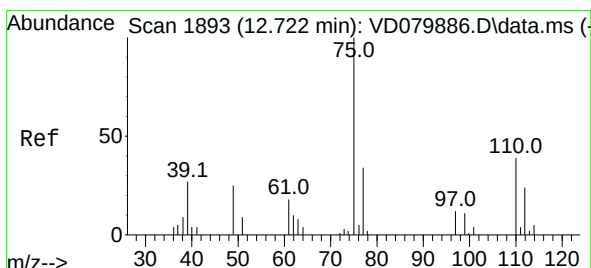
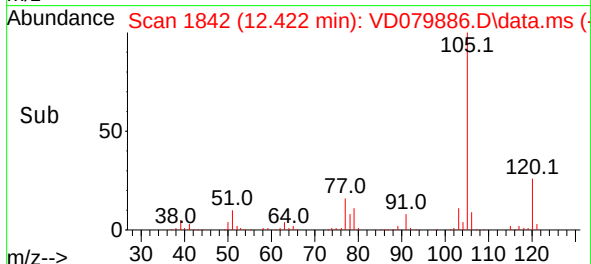
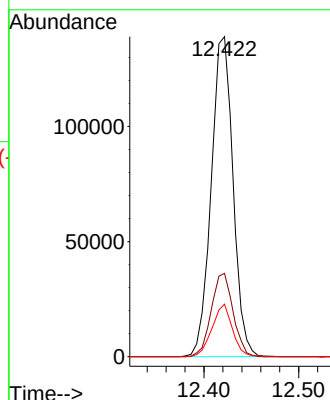
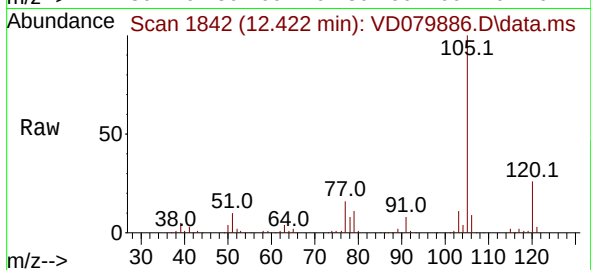
Tgt Ion:105 Resp: 222495

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 25.944 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

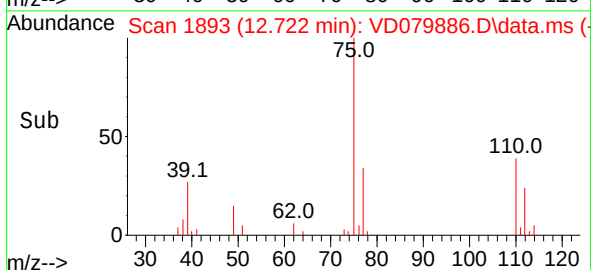
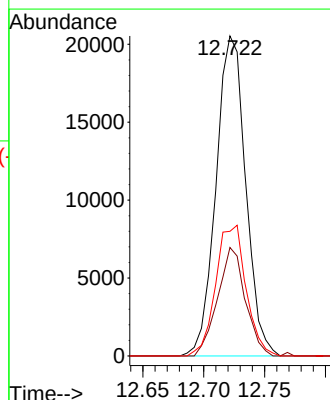
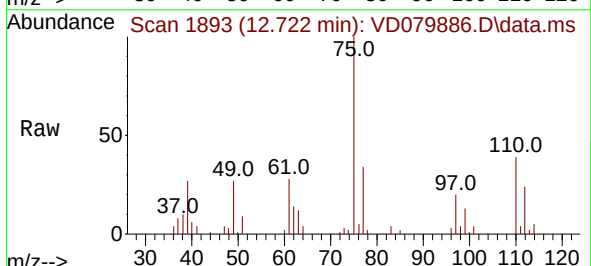
Tgt Ion: 75 Resp: 34821

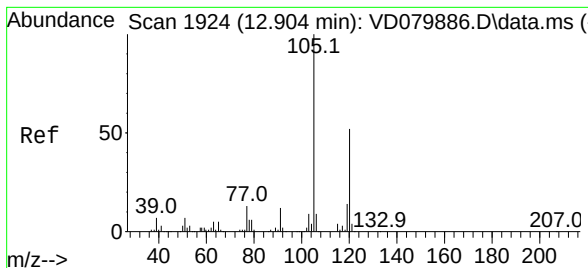
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

110 41.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 24.888 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

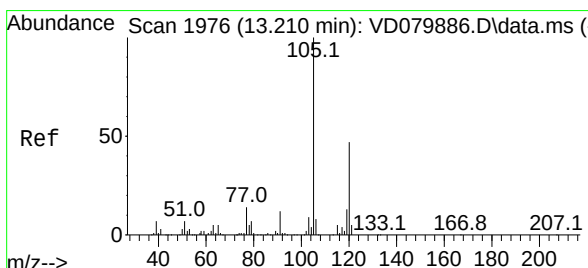
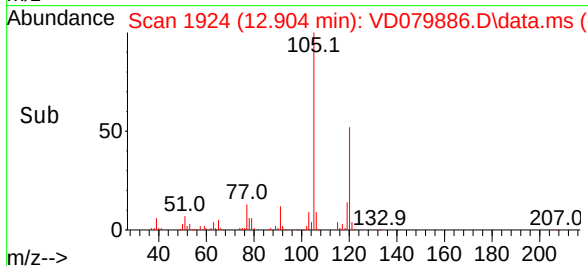
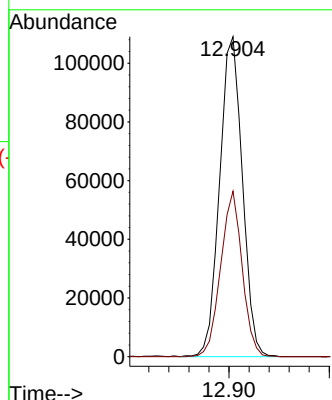
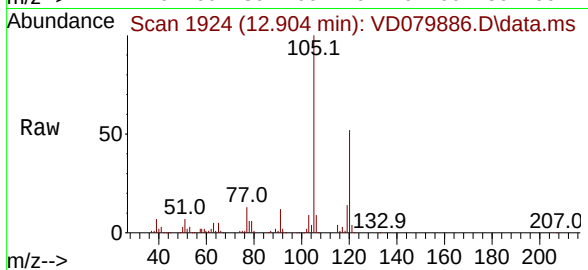
ClientSampleId :

Tgt Ion:105 Resp: 171590

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 24.160 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079886.D

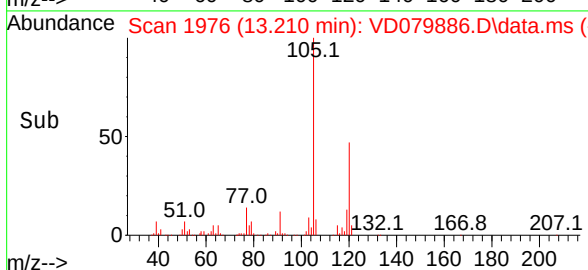
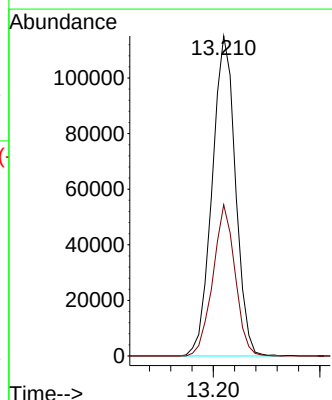
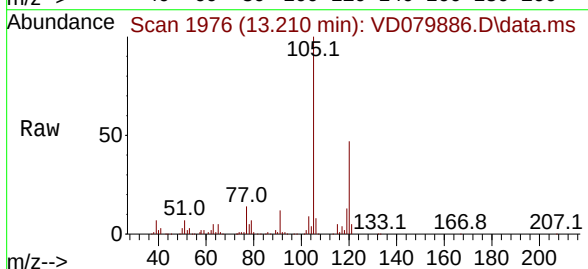
Acq: 25 Sep 2024 09:45

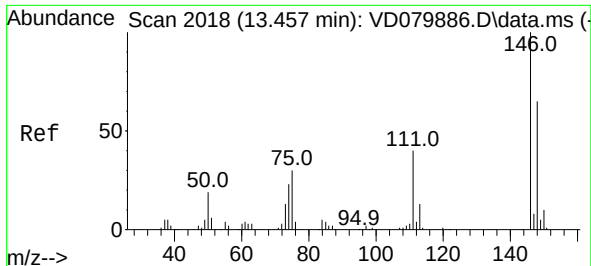
Tgt Ion:105 Resp: 174679

Ion Ratio Lower Upper

105 100

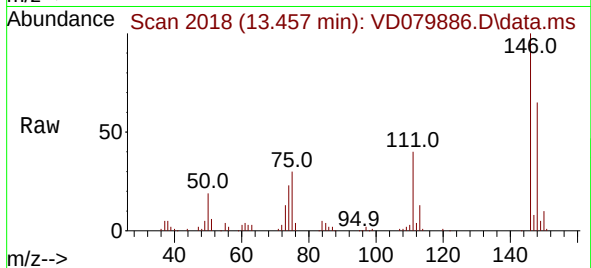
120 44.9 36.3 54.5



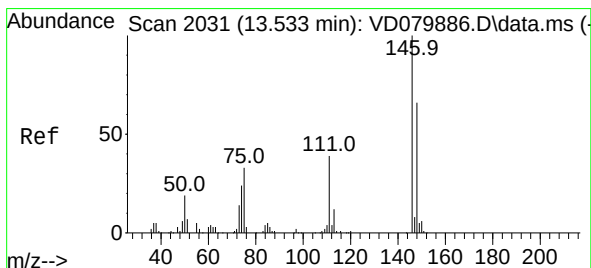
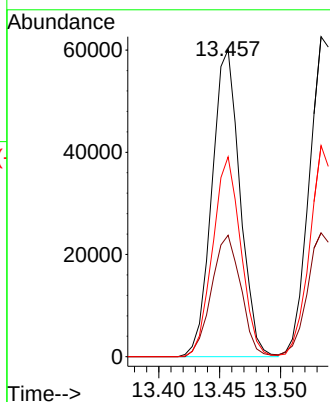
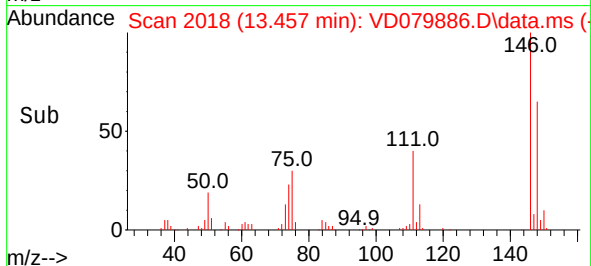


#64
1,3-Dichlorobenzene
Concen: 24.753 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Instrument :
MSVOA_D
ClientSampleId :

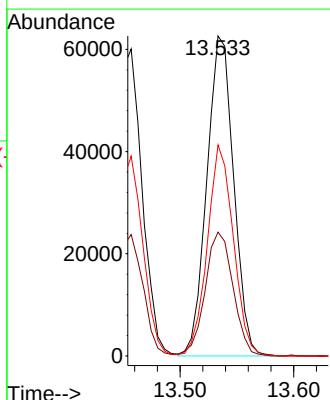
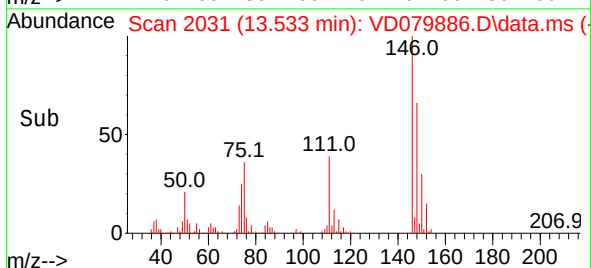
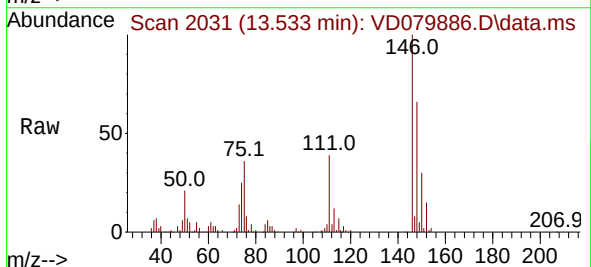


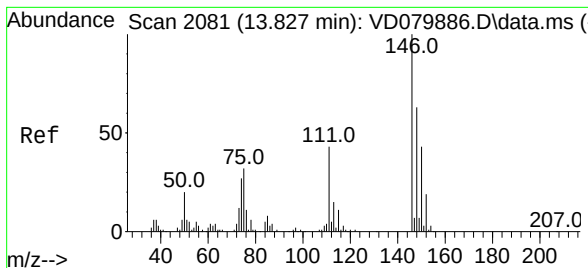
Tgt Ion:146 Resp: 96434
Ion Ratio Lower Upper
146 100
111 39.5 27.4 50.8
148 65.1 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 25.197 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion:146 Resp: 102963
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.4
148 65.9 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 26.033 ug/L

RT: 13.827 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :

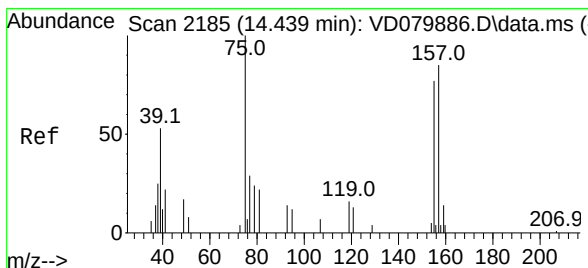
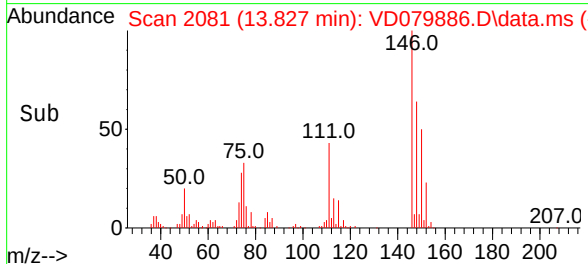
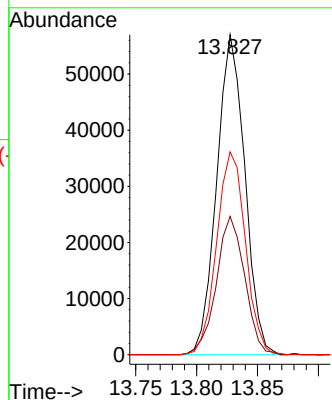
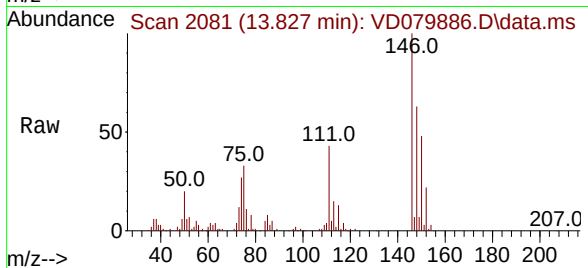
Tgt Ion:146 Resp: 91666

Ion Ratio Lower Upper

146 100

111 43.2 36.9 55.3

148 63.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.906 ug/L

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

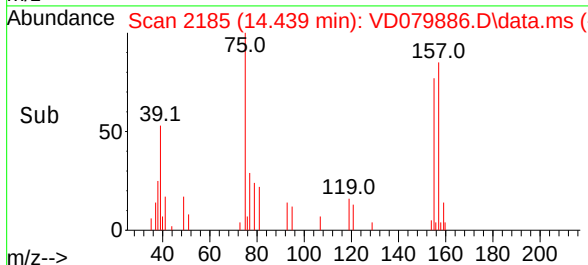
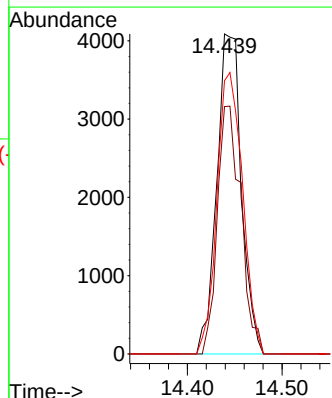
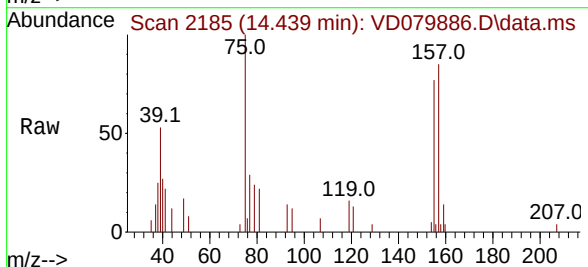
Tgt Ion: 75 Resp: 7389

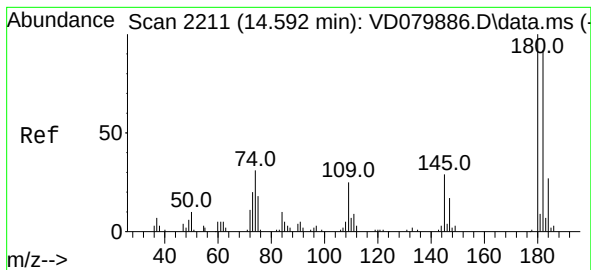
Ion Ratio Lower Upper

75 100

155 77.3 57.2 85.8

157 85.4 59.7 89.5





#69

1,3,5-Trichlorobenzene

Concen: 24.469 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

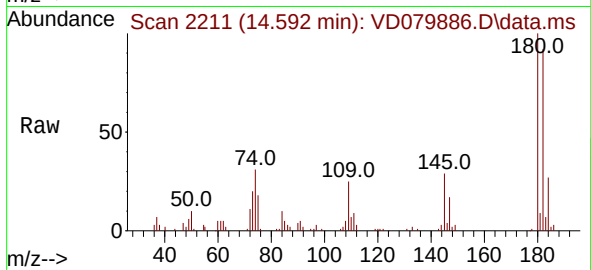
Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 57801

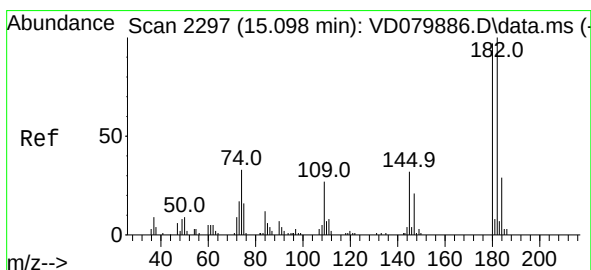
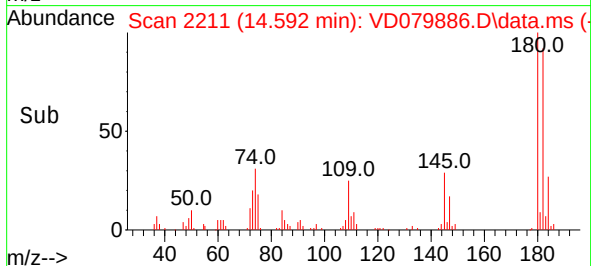
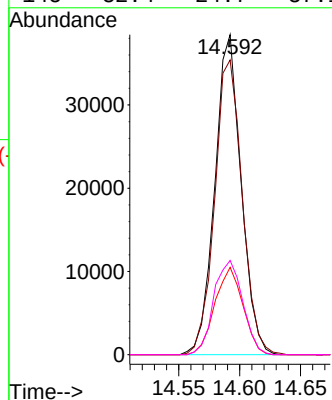
Ion Ratio Lower Upper

180 100

182 96.4 72.6 109.0

184 29.2 24.2 36.2

145 32.4 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.863 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079886.D

Acq: 25 Sep 2024 09:45

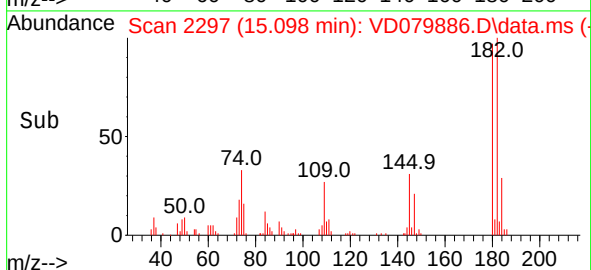
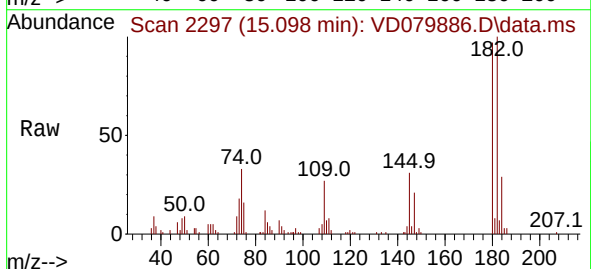
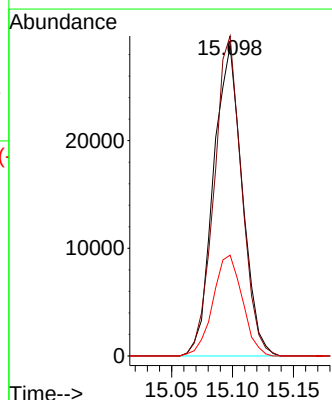
Tgt Ion:180 Resp: 47461

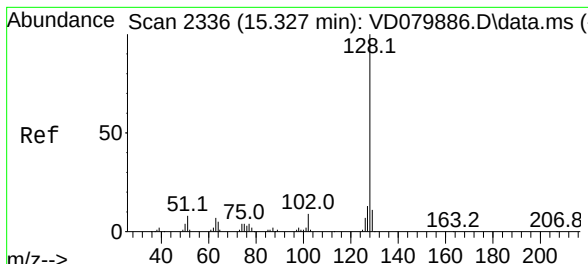
Ion Ratio Lower Upper

180 100

182 98.6 75.9 113.9

145 33.1 26.6 40.0

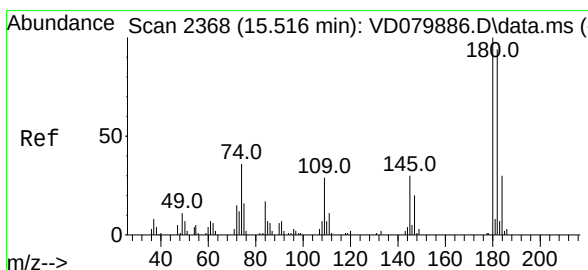
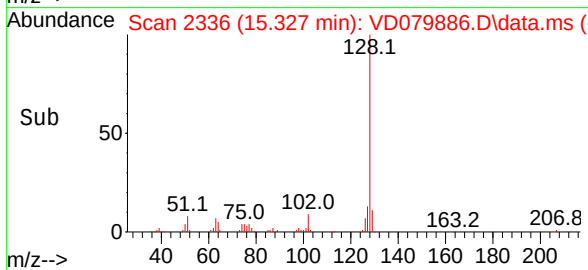
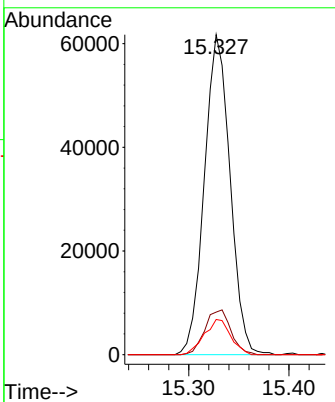
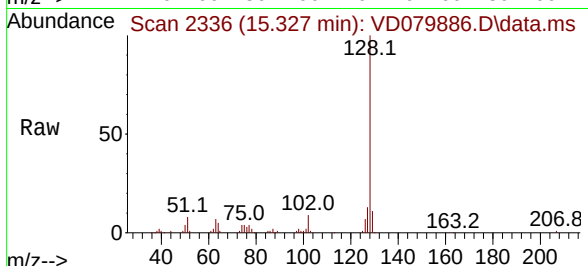




#71
Naphthalene
Concen: 24.745 ug/L
RT: 15.327 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp: 109921
Ion Ratio	Lower Upper
128 100	
127 14.2	11.2 16.8
129 11.3	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.940 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079886.D
Acq: 25 Sep 2024 09:45

Tgt Ion:180	Resp:	44370	
Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.1	111.1
145	33.2	26.4	39.6

