

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079213.D
 Acq On : 20 Jun 2024 10:51
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:10:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 09:05:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	189789	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	197023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	109911	18.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.280%
7) Chloroethane-d5	2.799	69	102150	18.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.360%
11) 1,1-Dichloroethene-d2	3.916	65	19141	18.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.840%
21) 2-Butanone-d5	6.987	46	24267	54.324	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.640%
24) Chloroform-d	7.563	84	119947	22.603	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	8.228	65	58537	23.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.640%
32) Benzene-d6	8.199	84	238949	21.877	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.520%
36) 1,2-Dichloropropane-d6	9.210	67	68479	21.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.080%
41) Toluene-d8	10.263	98	228081	22.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	10.522	79	31195	23.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.360%
47) 2-Hexanone-d5	10.869	63	23539	57.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	72371	25.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	81138	22.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65765	21.890	ug/L	99
3) Chloromethane	2.146	50	109588	27.368	ug/L	99
5) Vinyl chloride	2.281	62	156758	23.718	ug/L	97
6) Bromomethane	2.687	94	112081	21.967	ug/L	94
8) Chloroethane	2.834	64	110788	22.871	ug/L	91
9) Trichlorofluoromethane	3.169	101	115632	22.967	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	73427	24.321	ug/L	96
12) 1,1-Dichloroethene	3.934	96	63620	24.205	ug/L	93
13) Acetone	4.016	43	30192	46.685	ug/L	74
14) Carbon disulfide	4.263	76	222158	24.229	ug/L	97
15) Methyl Acetate	4.563	43	25350	28.769	ug/L	94
16) Methylene chloride	4.793	84	83560	24.709	ug/L	92
17) trans-1,2-Dichloroethene	5.310	96	73175	25.761	ug/L	88
18) Methyl tert-butyl Ether	5.316	73	145458	28.873	ug/L #	90
19) 1,1-Dichloroethane	6.105	63	117580	25.710	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	80421	27.191	ug/L	90
22) 2-Butanone	7.087	43	37010	54.476	ug/L	76
23) Bromochloromethane	7.422	128	43259	28.848	ug/L	92
25) Chloroform	7.593	83	137711	26.522	ug/L	99

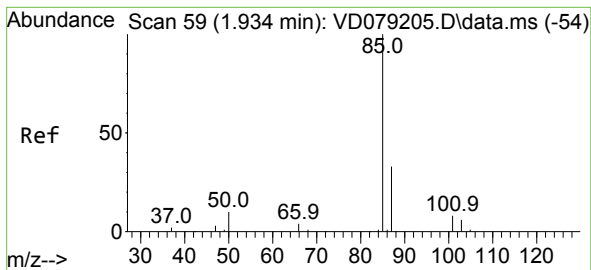
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
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Quant Time: Jun 21 04:10:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 09:05:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	82509	27.374	ug/L	96
29) Cyclohexane	7.875	56	82445	23.193	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	113503	24.333	ug/L	100
31) Carbon tetrachloride	7.993	117	107346	24.764	ug/L	94
33) Benzene	8.246	78	306057	26.081	ug/L	100
34) Trichloroethene	9.028	95	74977	24.807	ug/L	95
35) Methylcyclohexane	9.275	83	117543	23.471	ug/L	99
37) 1,2-Dichloropropane	9.304	63	75477	26.259	ug/L	98
38) Bromodichloromethane	9.581	83	103445	25.889	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	114976	25.624	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	74853	62.384	ug/L	96
42) Toluene	10.334	91	346516	26.593	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	106890	28.171	ug/L	97
45) 1,1,2-Trichloroethane	10.728	97	69281	27.475	ug/L	99
46) Tetrachloroethene	10.804	164	66457	24.972	ug/L	95
48) 2-Hexanone	10.922	43	60464	58.235	ug/L	99
49) Dibromochloromethane	11.069	129	80804	27.060	ug/L	98
50) 1,2-Dibromoethane	11.175	107	67141	28.972	ug/L	98
51) Chlorobenzene	11.604	112	224770	25.925	ug/L	98
52) Ethylbenzene	11.681	91	358439	26.371	ug/L	99
53) m,p-Xylene	11.793	106	143258	26.864	ug/L	100
54) o-Xylene	12.116	106	137030	26.597	ug/L	93
55) Styrene	12.134	104	258487	28.296	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	81554	28.893	ug/L	99
59) Bromoform	12.298	173	53573	28.439	ug/L	99
60) Isopropylbenzene	12.416	105	352397	25.929	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	52837	29.117	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	235730	25.368	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	261493	26.310	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	173416	26.561	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	181065	26.174	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	160507	26.593	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	10756	28.834	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.592	180	105011	25.502	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	86170	25.197	ug/L	97
71) Naphthalene	15.328	128	177507	27.754	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	86258	29.183	ug/L	94

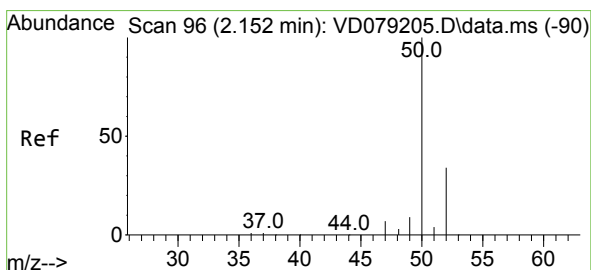
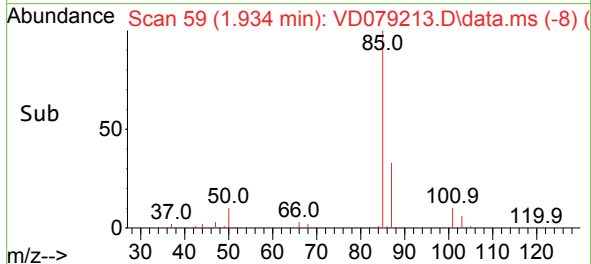
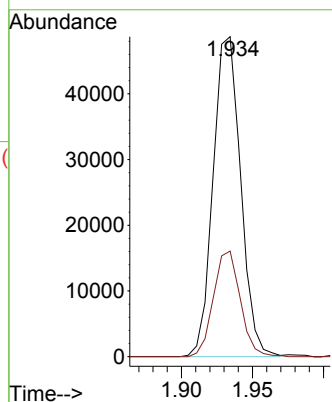
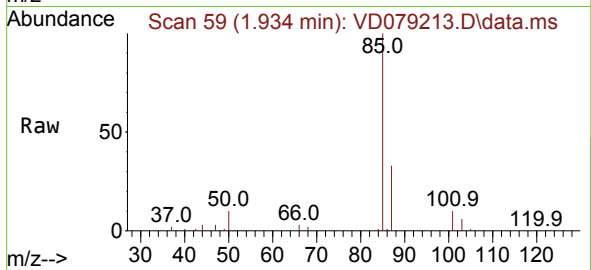
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 21.890 ug/L
 RT: 1.934 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

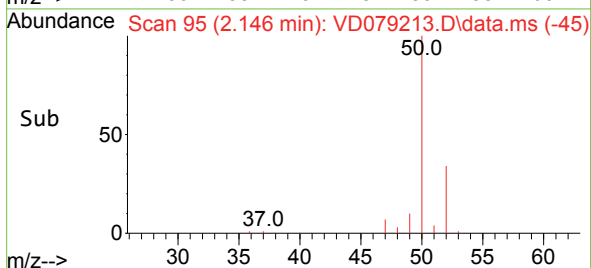
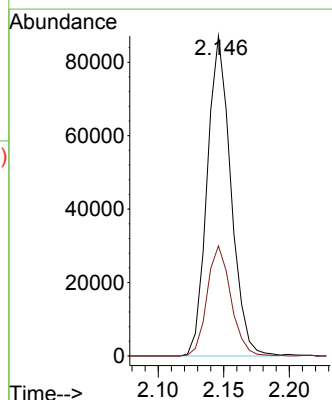
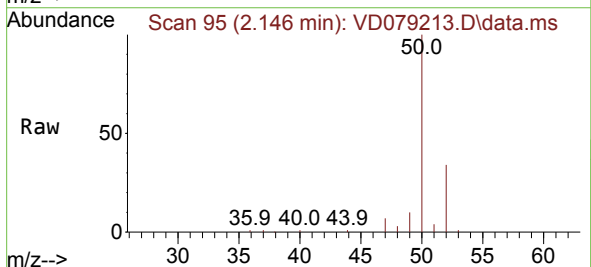
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 ClientSampleId :

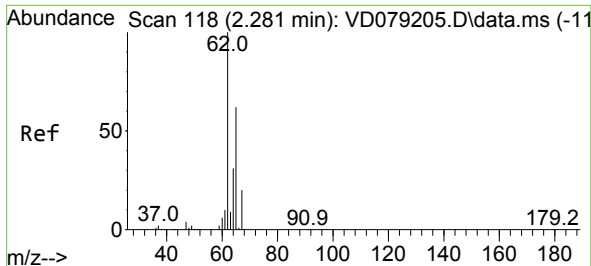
Tgt Ion: 85 Resp: 65765
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 27.368 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

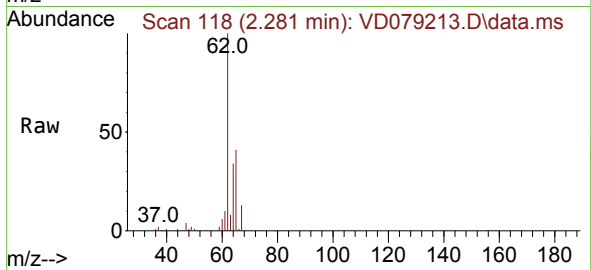
Tgt Ion: 50 Resp: 109588
 Ion Ratio Lower Upper
 50 100
 52 34.4 24.4 45.2



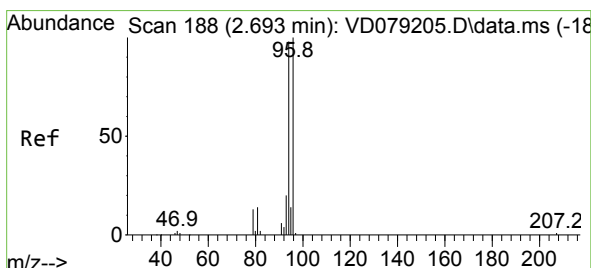
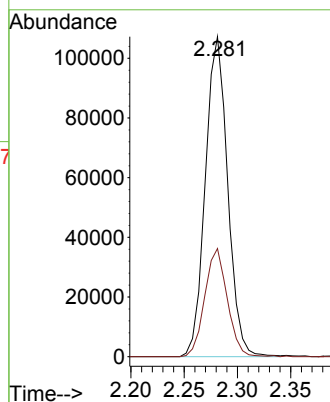
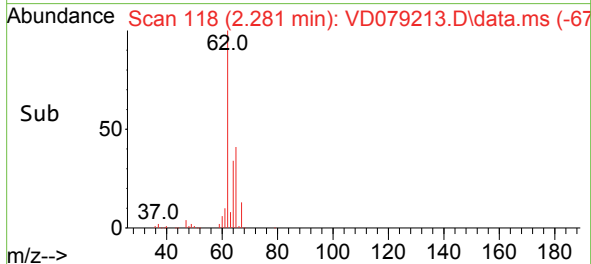


#5
 Vinyl chloride
 Concen: 23.718 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

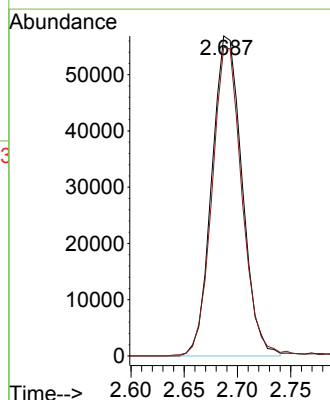
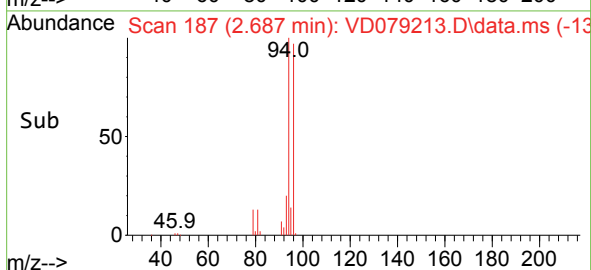
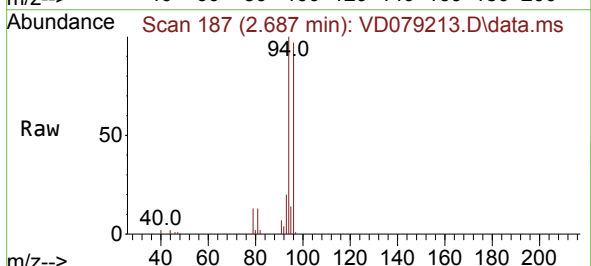


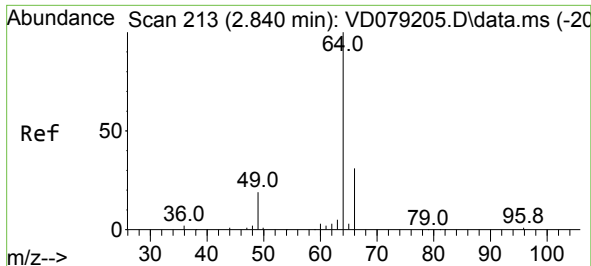
Tgt Ion: 62 Resp: 156758
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.8 46.1



#6
 Bromomethane
 Concen: 21.967 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Tgt Ion: 94 Resp: 112081
 Ion Ratio Lower Upper
 94 100
 96 96.5 63.6 118.2

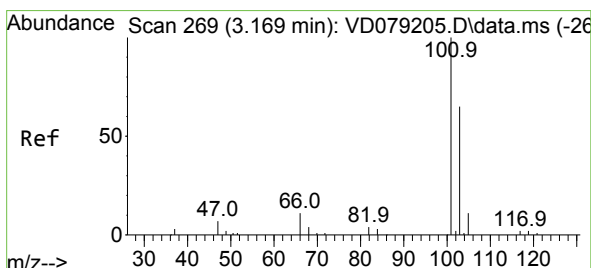
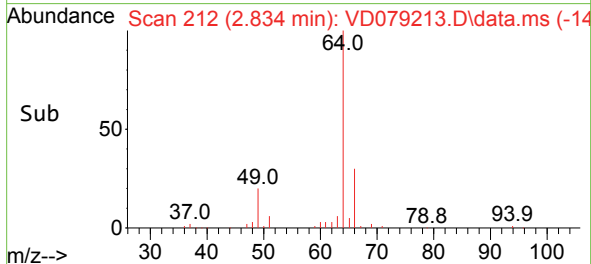
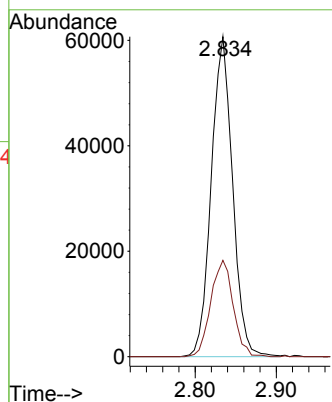
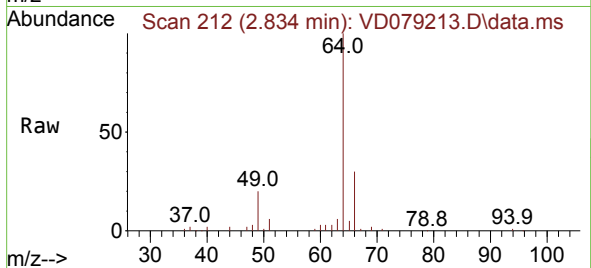




#8
Chloroethane
Concen: 22.871 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

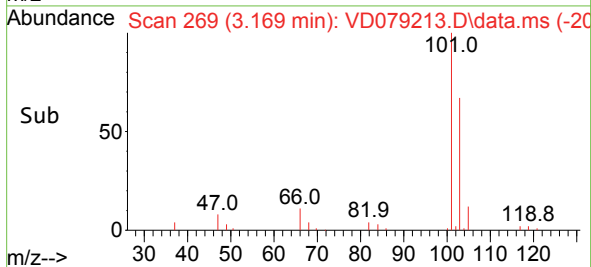
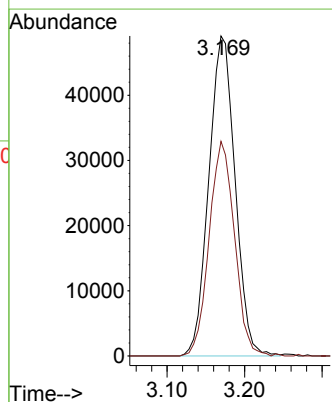
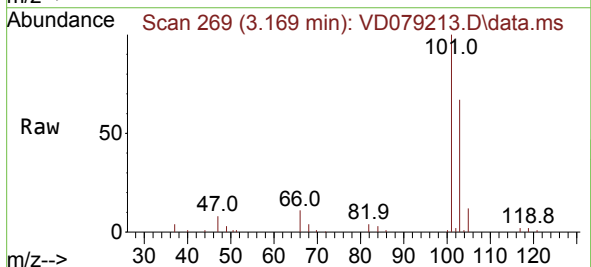
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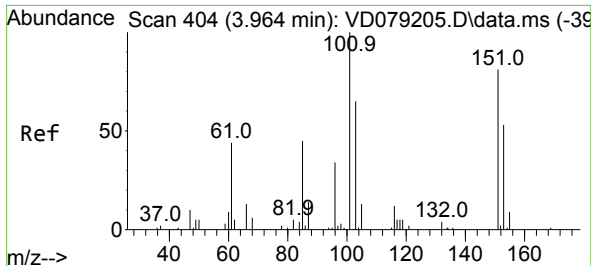
Tgt Ion: 64 Resp: 110788
Ion Ratio Lower Upper
64 100
66 30.1 24.8 46.1



#9
Trichlorofluoromethane
Concen: 22.967 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:101 Resp: 115632
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

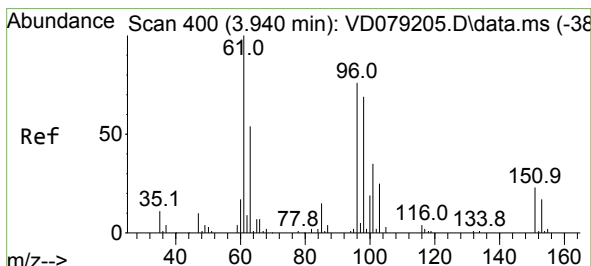
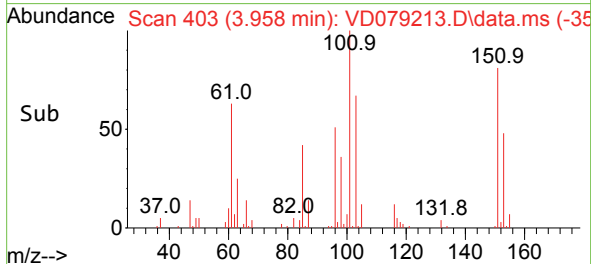
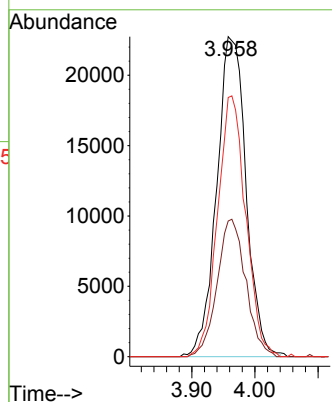
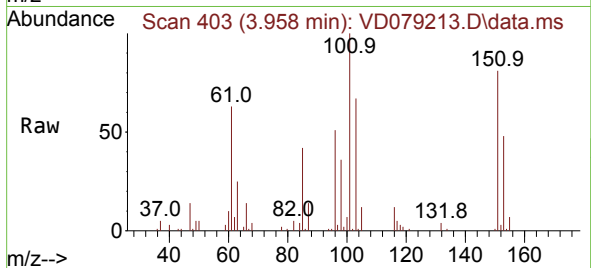




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.321 ug/L
 RT: 3.958 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

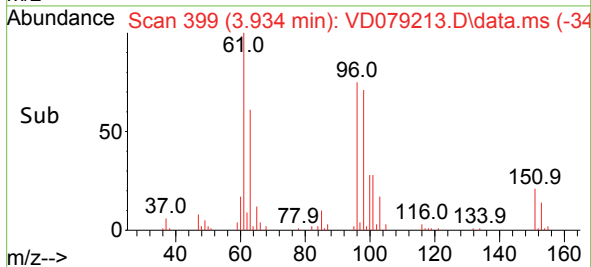
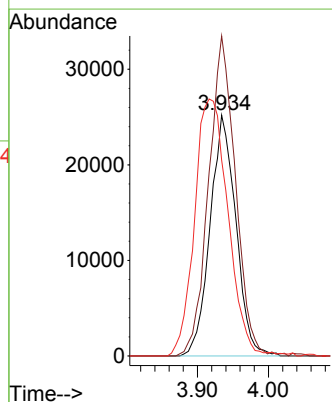
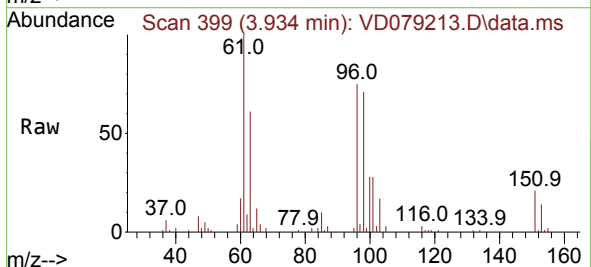
Instrument :
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 ClientSampleId :

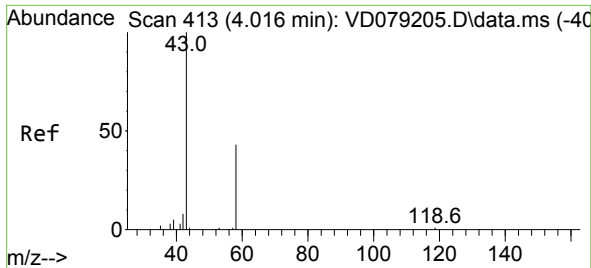
Tgt Ion:101 Resp: 73427
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.4 53.0
 151 78.0 59.1 88.7



#12
 1,1-Dichloroethene
 Concen: 24.205 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Tgt Ion: 96 Resp: 63620
 Ion Ratio Lower Upper
 96 100
 61 132.9 93.9 174.3
 63 81.3 67.7 125.7





#13

Acetone

Concen: 46.685 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

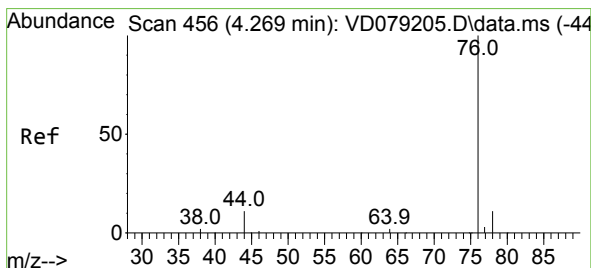
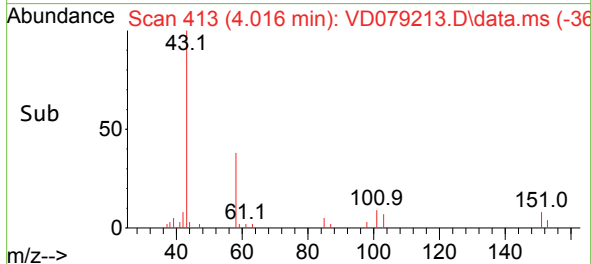
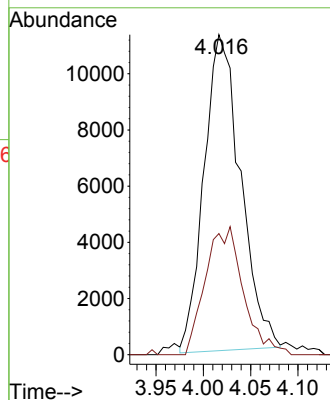
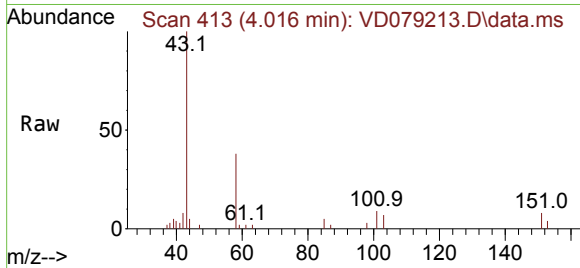
ClientSampleId :

Tgt Ion: 43 Resp: 30192

Ion Ratio Lower Upper

43 100

58 23.1 0.0 78.2



#14

Carbon disulfide

Concen: 24.229 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD079213.D

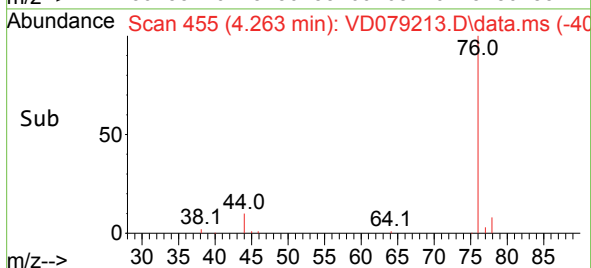
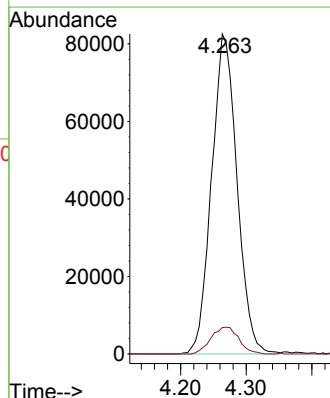
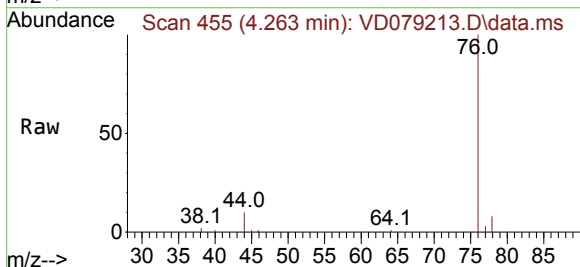
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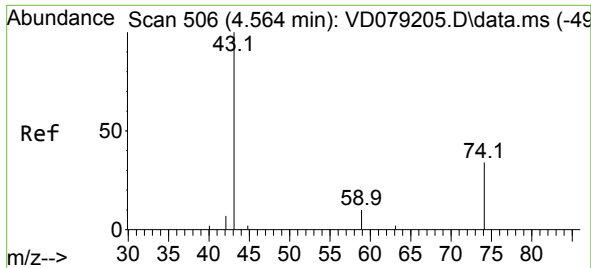
Tgt Ion: 76 Resp: 222158

Ion Ratio Lower Upper

76 100

78 8.3 7.5 11.3

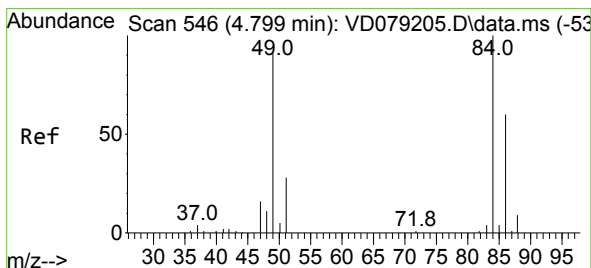
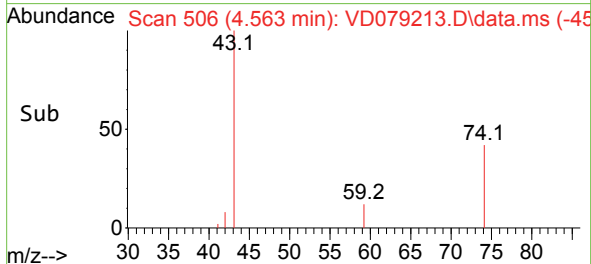
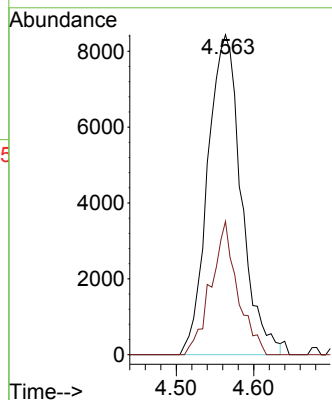
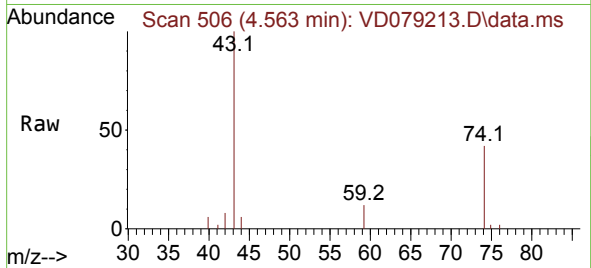




#15
Methyl Acetate
Concen: 28.769 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

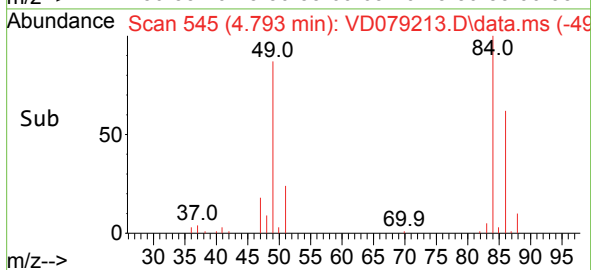
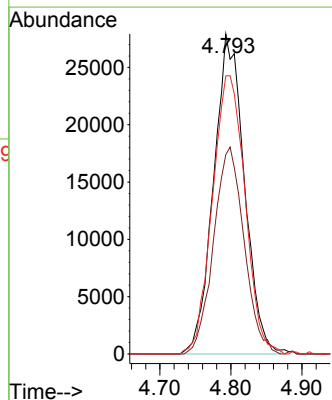
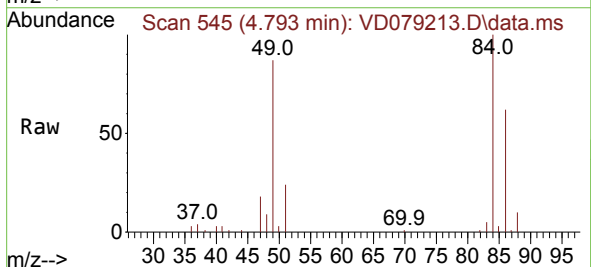
Instrument :
MSVOA_D
ClientSampleId :

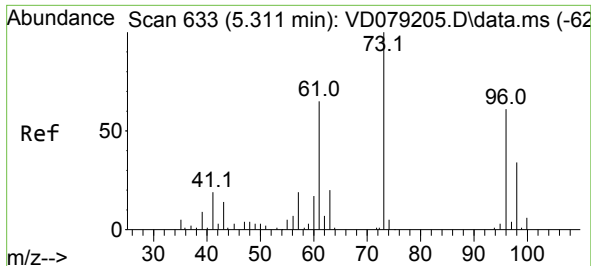
Tgt Ion: 43 Resp: 25350
Ion Ratio Lower Upper
43 100
74 33.1 23.8 35.6



#16
Methylene chloride
Concen: 24.709 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion: 84 Resp: 83560
Ion Ratio Lower Upper
84 100
86 62.3 40.9 76.0
49 86.9 67.5 125.3





#17

trans-1,2-Dichloroethene

Concen: 25.761 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

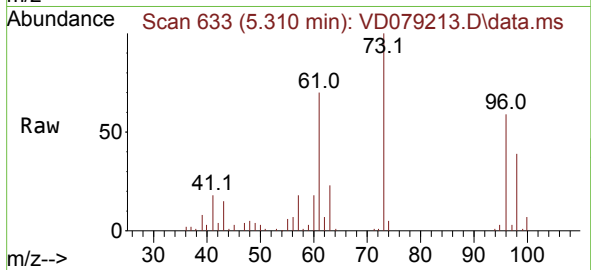
Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

ClientSampleId :



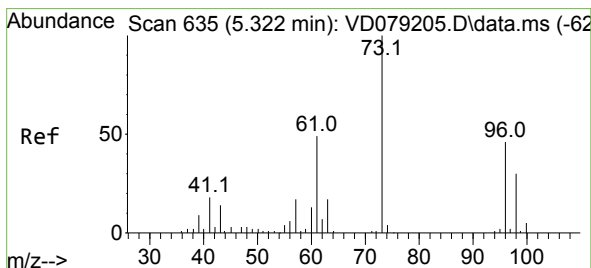
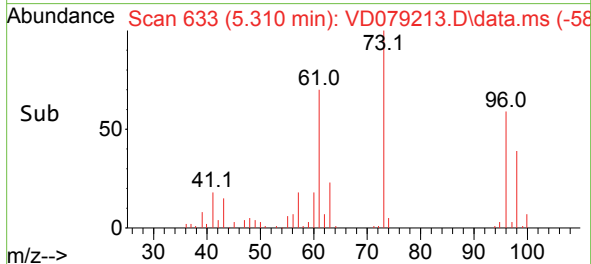
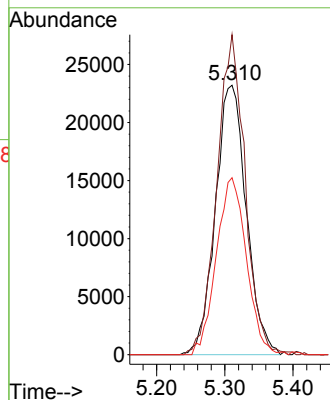
Tgt Ion: 96 Resp: 73175

Ion	Ratio	Lower	Upper
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96	100		
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61	118.7	71.9	133.5
----	-------	------	-------

98	65.7	42.6	79.2
----	------	------	------



#18

Methyl tert-butyl Ether

Concen: 28.873 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

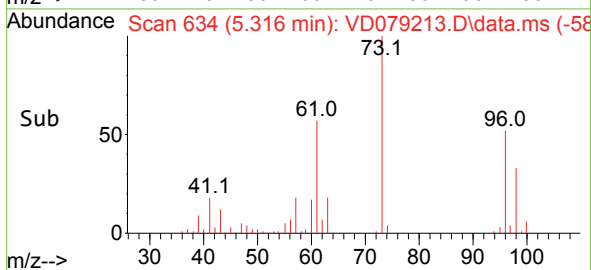
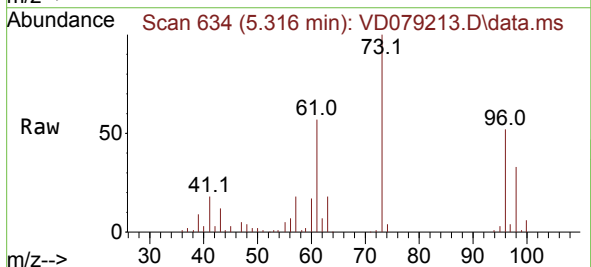
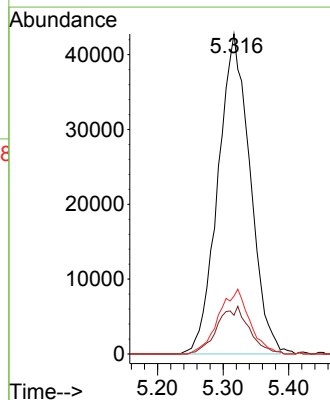
Tgt Ion: 73 Resp: 145458

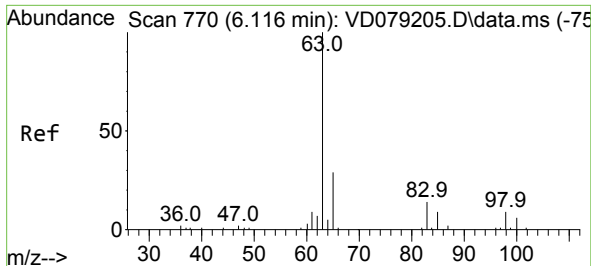
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

73	100		
----	-----	--	--

43	8.3	12.0	18.0#
----	-----	------	-------

57	10.8	9.6	14.4
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#19

1,1-Dichloroethane

Concen: 25.710 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.012 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

ClientSampleId :

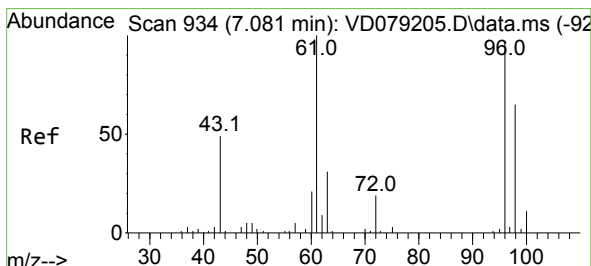
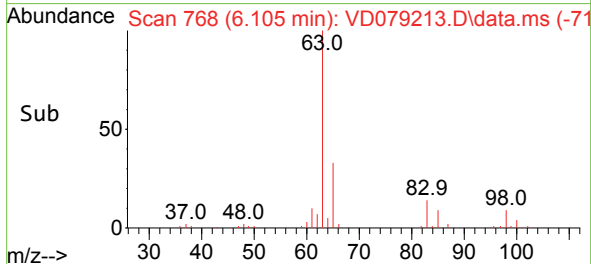
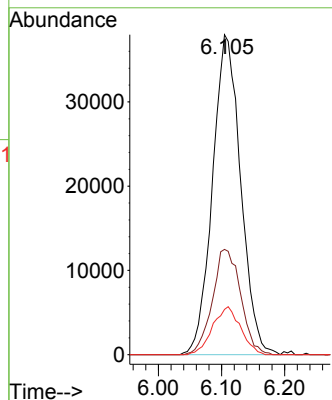
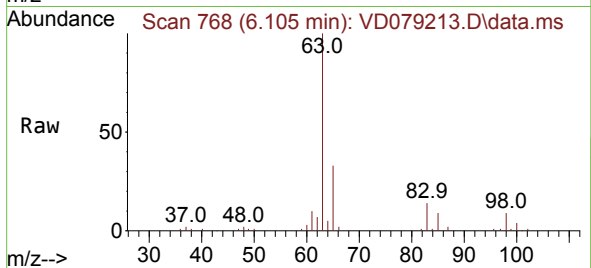
Tgt Ion: 63 Resp: 117580

Ion Ratio Lower Upper

63 100

65 32.9 22.8 42.4

83 14.2 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 27.191 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

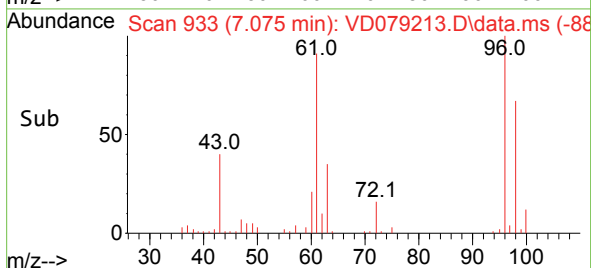
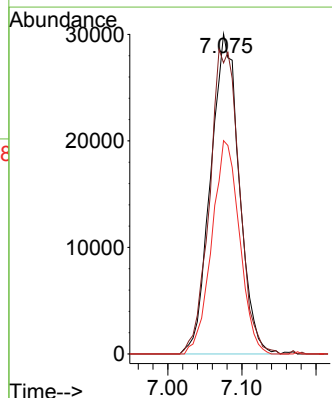
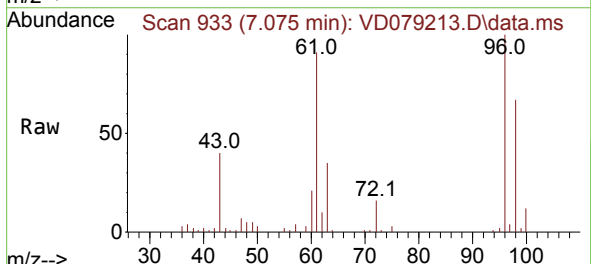
Tgt Ion: 96 Resp: 80421

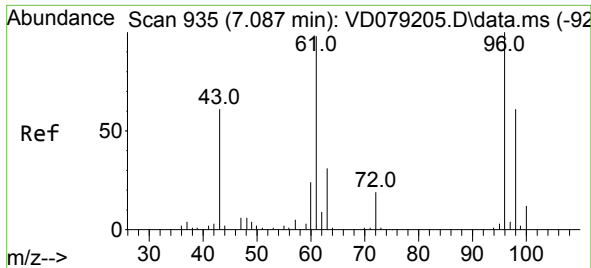
Ion Ratio Lower Upper

96 100

61 91.0 72.6 134.8

98 66.7 43.8 81.3

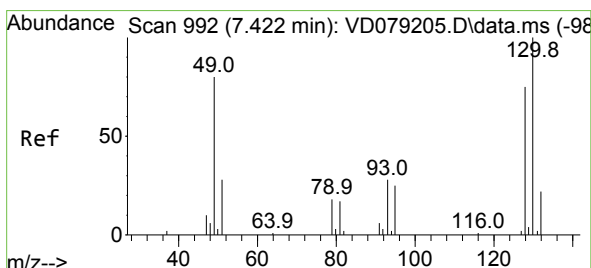
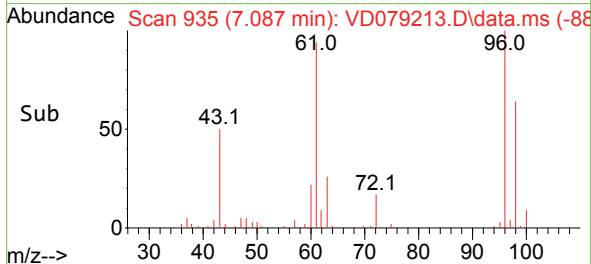
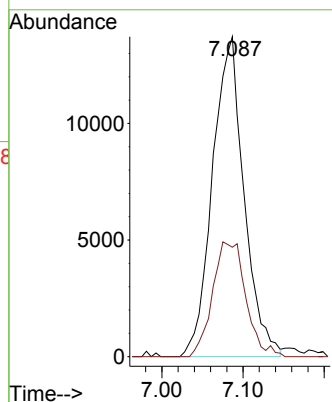
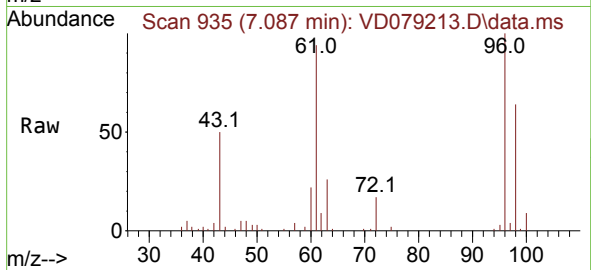




#22
2-Butanone
Concen: 54.476 ug/L
RT: 7.087 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

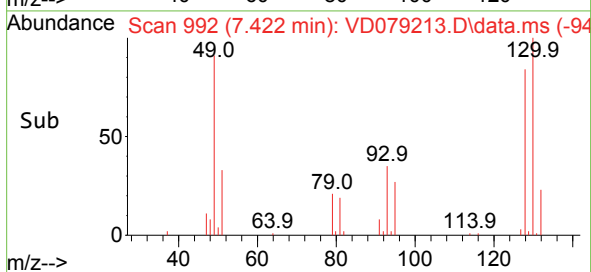
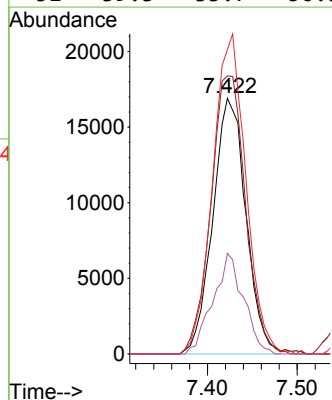
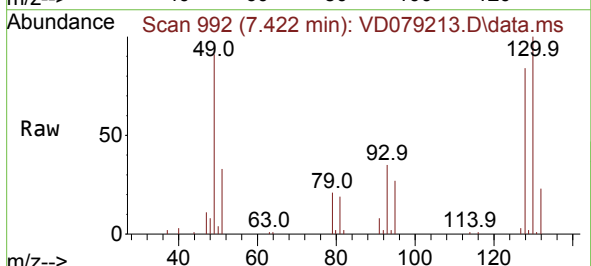
Instrument :
MSVOA_D
ClientSampleId :

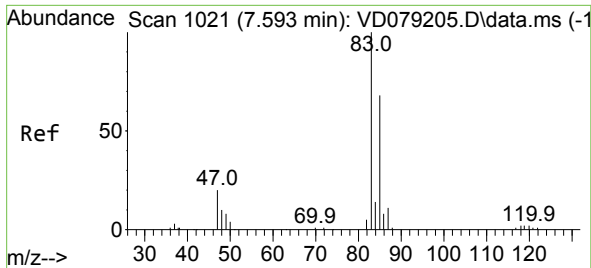
Tgt Ion: 43 Resp: 37010
Ion Ratio Lower Upper
43 100
72 23.8 19.3 57.8



#23
Bromochloromethane
Concen: 28.848 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:128 Resp: 43259
Ion Ratio Lower Upper
128 100
49 108.8 81.8 151.8
130 119.0 90.4 167.8
51 39.3 33.7 50.5

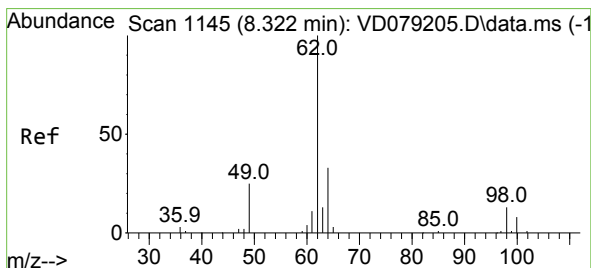
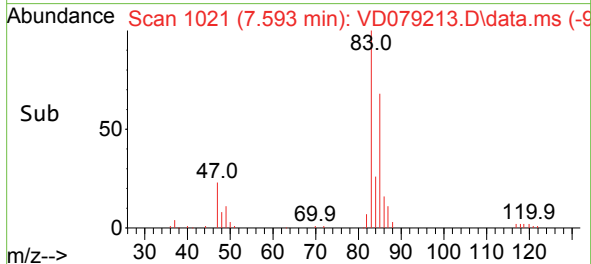
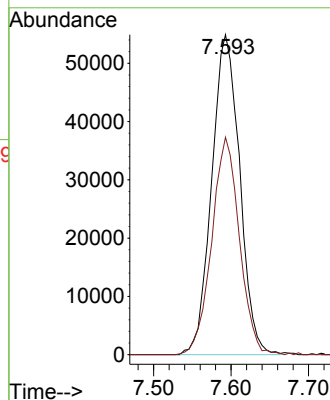
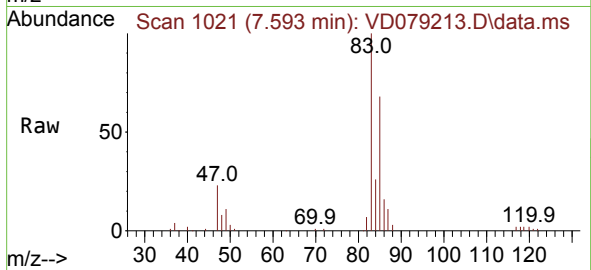




#25
Chloroform
Concen: 26.522 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

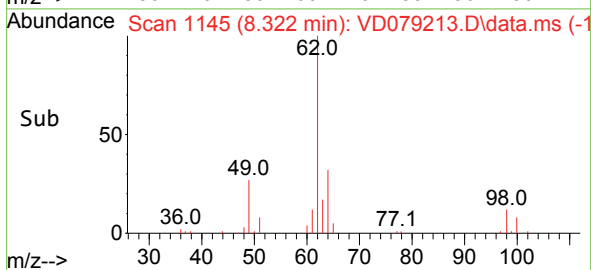
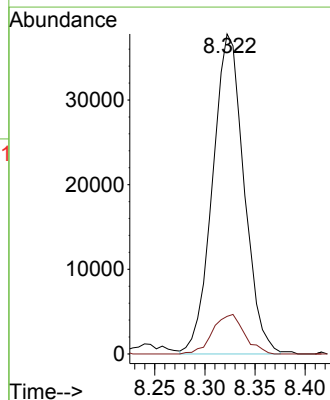
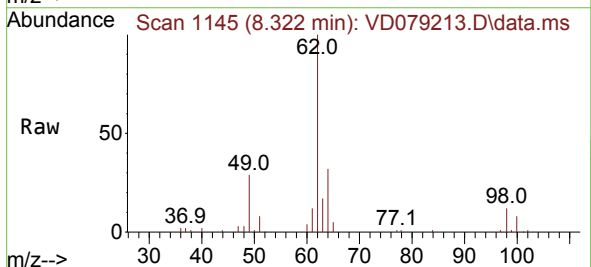
Instrument :
MSVOA_D
ClientSampleId :

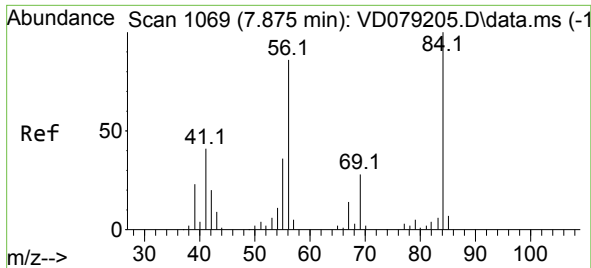
Tgt Ion: 83 Resp: 137711
Ion Ratio Lower Upper
83 100
85 67.9 47.9 89.1



#27
1,2-Dichloroethane
Concen: 27.374 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

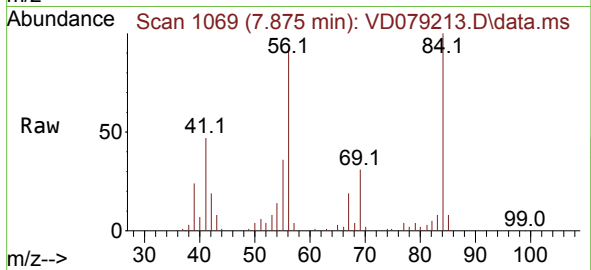
Tgt Ion: 62 Resp: 82509
Ion Ratio Lower Upper
62 100
98 11.8 8.2 12.4



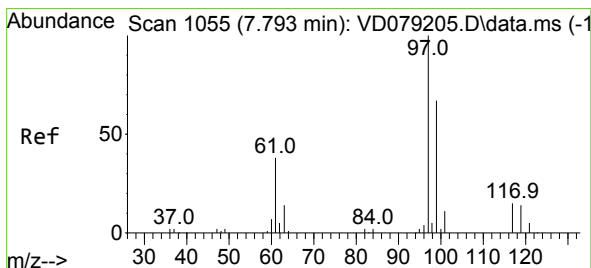
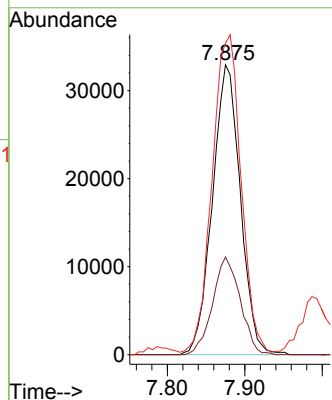
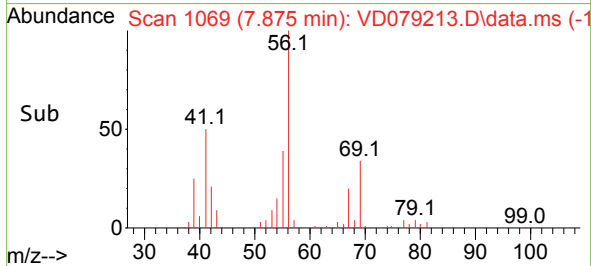


#29
Cyclohexane
Concen: 23.193 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

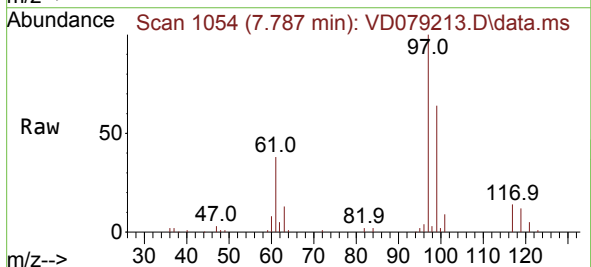
Instrument :
MSVOA_D
ClientSampleId :



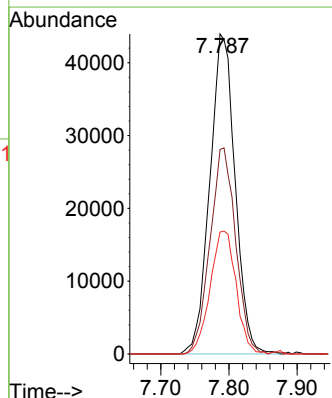
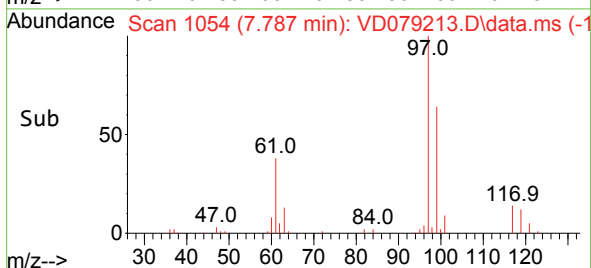
Tgt Ion: 56 Resp: 82445
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 114.4 87.5 131.3

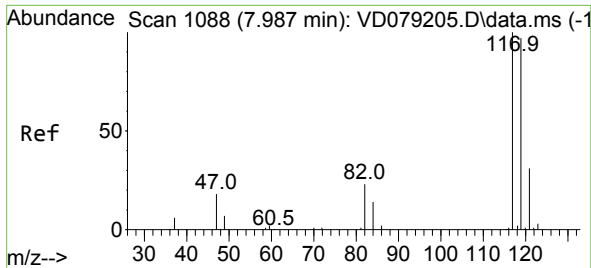


#30
1,1,1-Trichloroethane
Concen: 24.333 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51



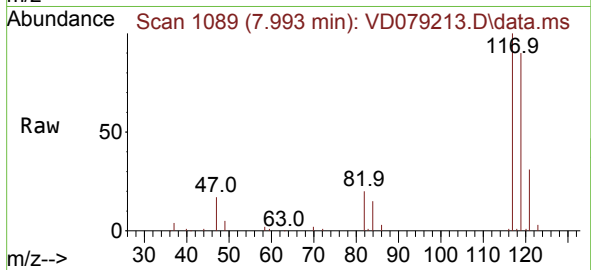
Tgt Ion: 97 Resp: 113503
Ion Ratio Lower Upper
97 100
99 65.3 52.3 78.5
61 39.3 31.7 47.5



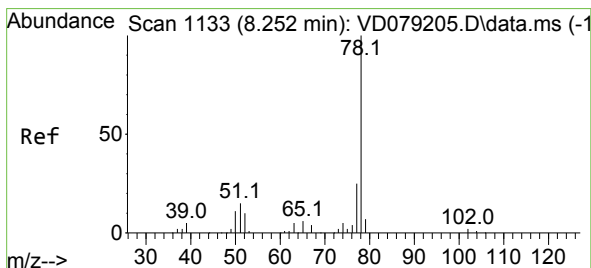
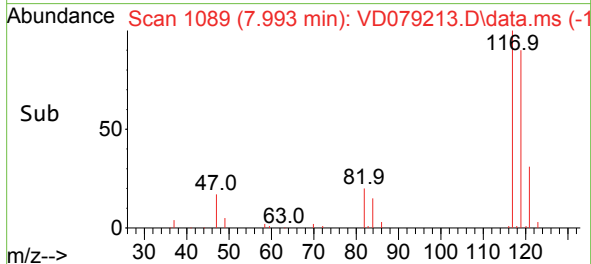
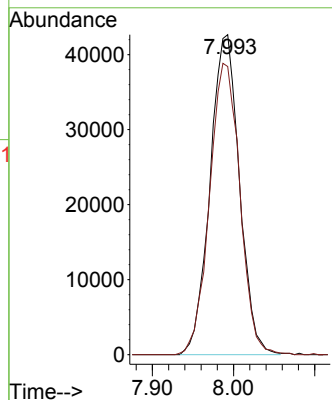


#31
Carbon tetrachloride
Concen: 24.764 ug/L
RT: 7.993 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Instrument :
MSVOA_D
ClientSampleId :

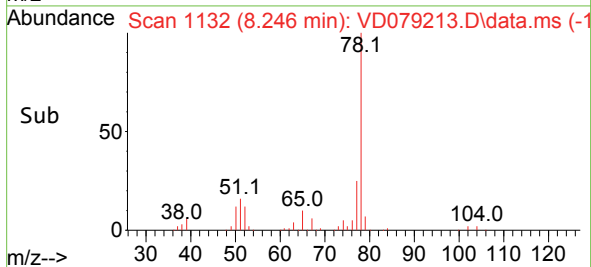
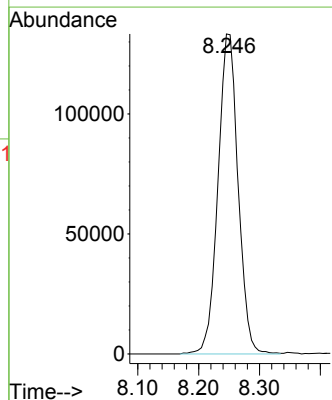
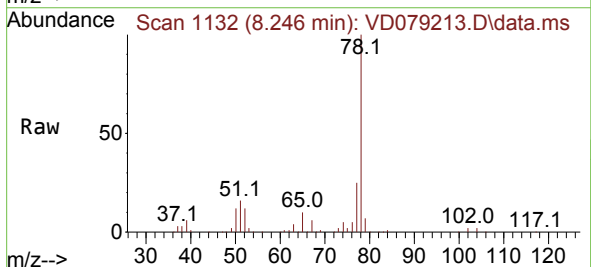


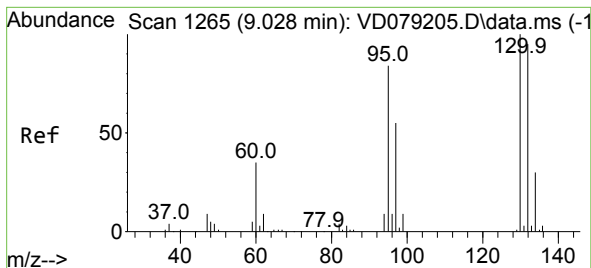
Tgt Ion:117 Resp: 107346
Ion Ratio Lower Upper
117 100
119 94.0 79.6 119.4



#33
Benzene
Concen: 26.081 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion: 78 Resp: 306057





#34

Trichloroethene

Concen: 24.807 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

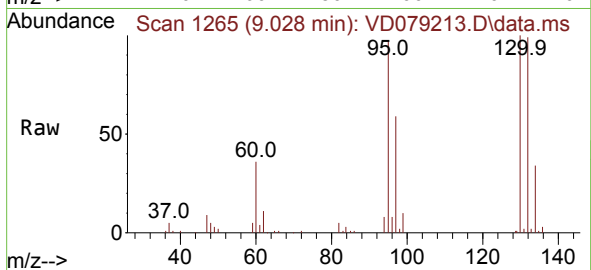
Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 74977

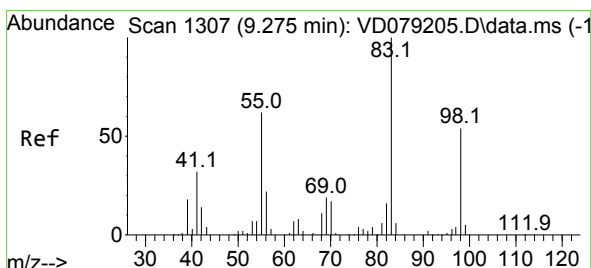
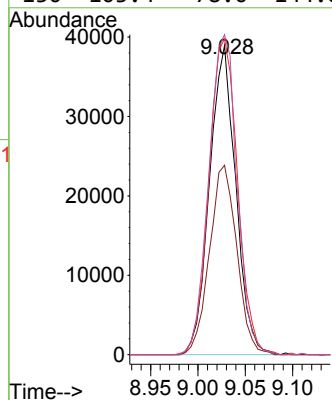
Ion Ratio Lower Upper

95 100

97 61.2 44.6 82.8

132 102.1 74.9 139.1

130 103.4 78.0 144.8



#35

Methylcyclohexane

Concen: 23.471 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

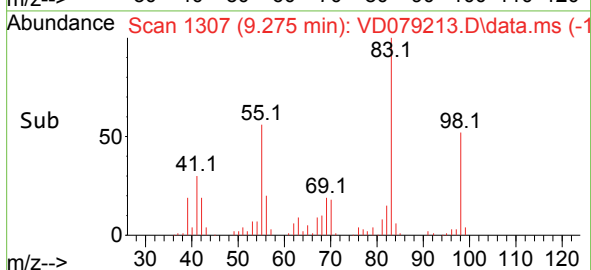
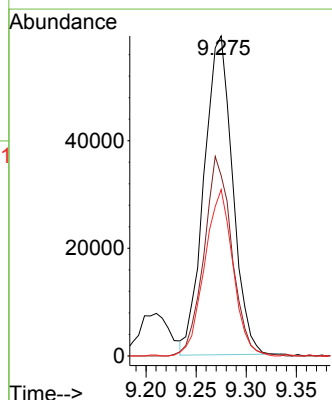
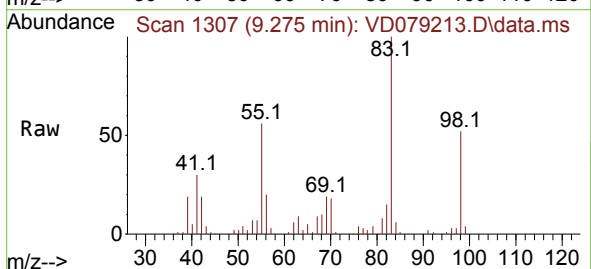
Tgt Ion: 83 Resp: 117543

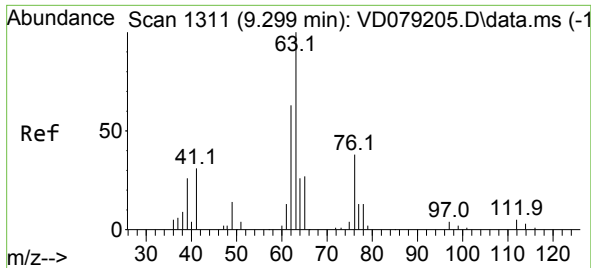
Ion Ratio Lower Upper

83 100

55 60.9 48.6 72.8

98 51.9 40.2 60.2

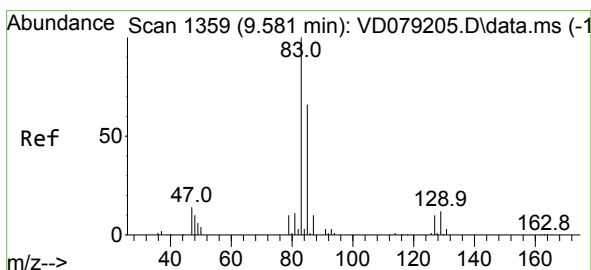
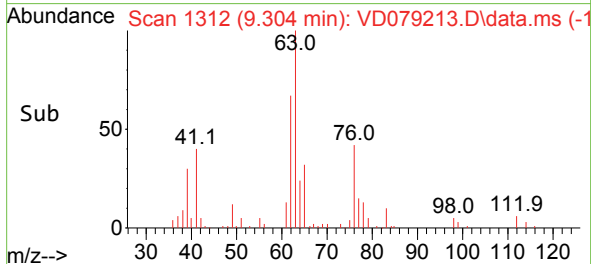
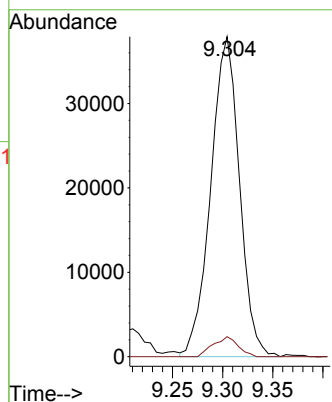
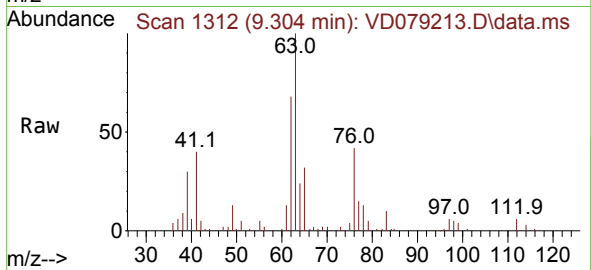




#37
1,2-Dichloropropane
Concen: 26.259 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

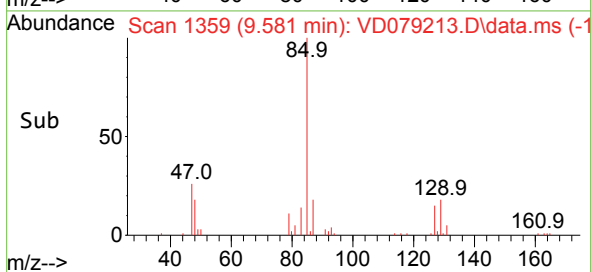
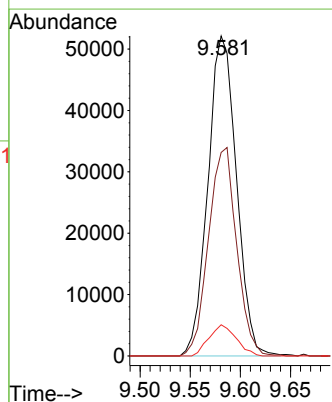
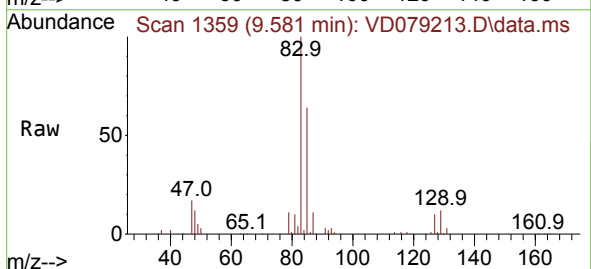
Instrument :
MSVOA_D
ClientSampleId :

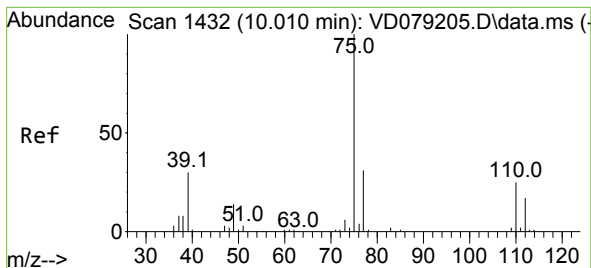
Tgt Ion: 63 Resp: 75477
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 25.889 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion: 83 Resp: 103445
Ion Ratio Lower Upper
83 100
85 63.6 46.5 86.5
127 9.7 7.0 10.6

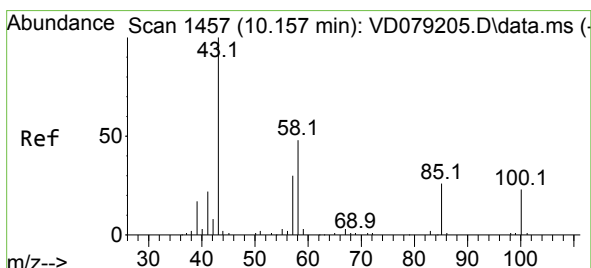
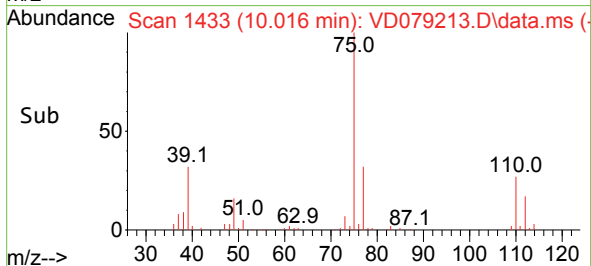
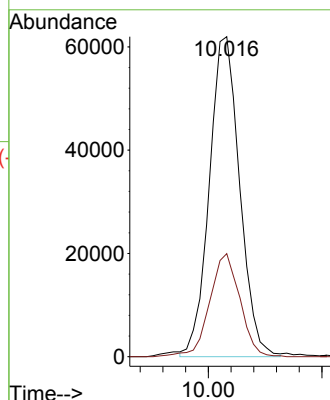
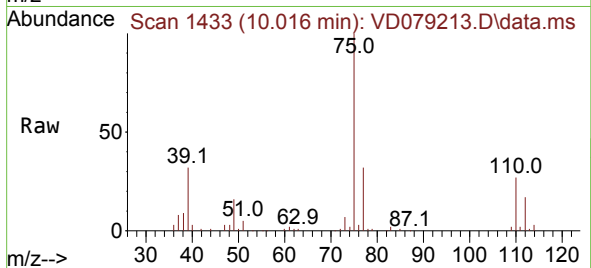




#39
 cis-1,3-Dichloropropene
 Concen: 25.624 ug/L
 RT: 10.016 min Scan# 1432
 Delta R.T. 0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

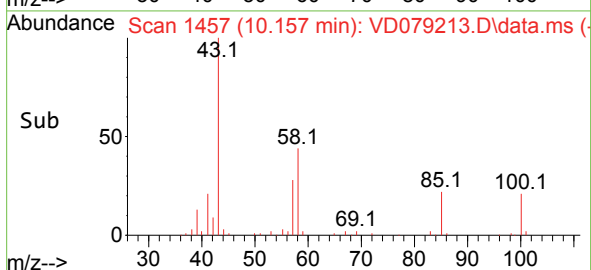
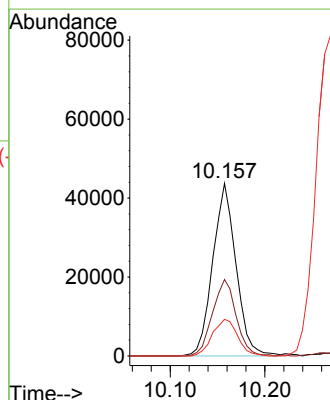
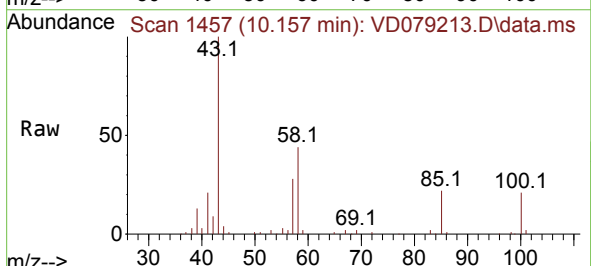
Instrument :
 MSVOA_D
 ClientSampleId :

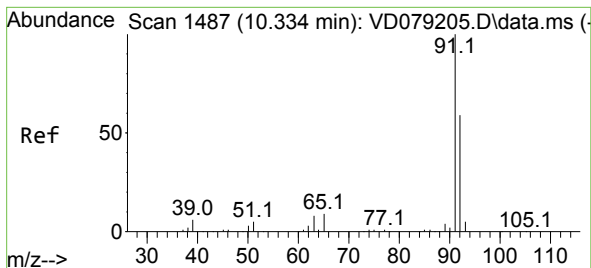
Tgt Ion: 75 Resp: 114976
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 62.384 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Tgt Ion: 43 Resp: 74853
 Ion Ratio Lower Upper
 43 100
 58 44.9 34.0 51.0
 100 22.9 16.9 25.3





#42

Toluene

Concen: 26.593 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

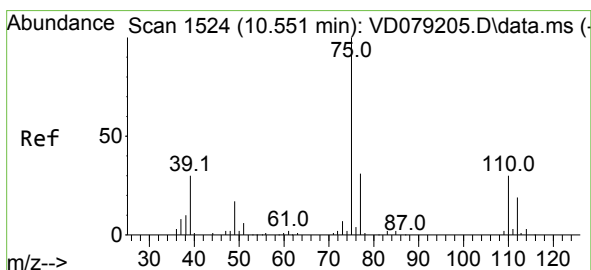
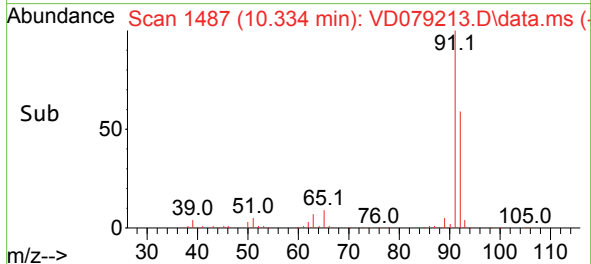
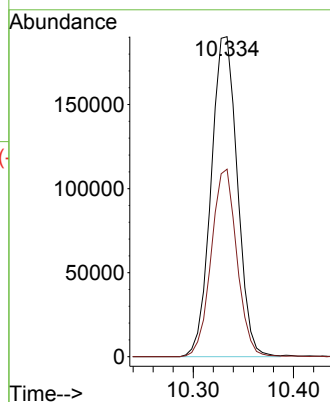
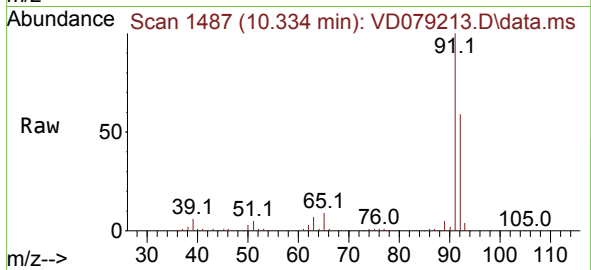
ClientSampleId :

Tgt Ion: 91 Resp: 346516

Ion Ratio Lower Upper

91 100

92 58.6 38.9 72.3



#44

trans-1,3-Dichloropropene

Concen: 28.171 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079213.D

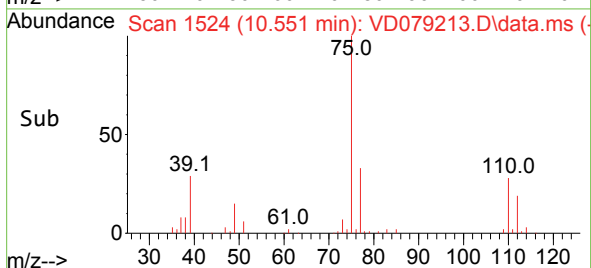
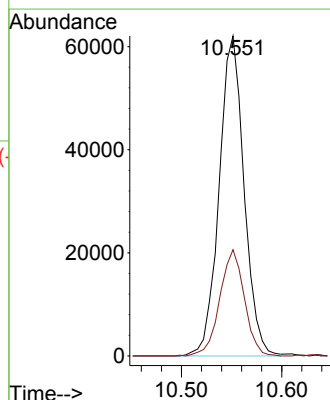
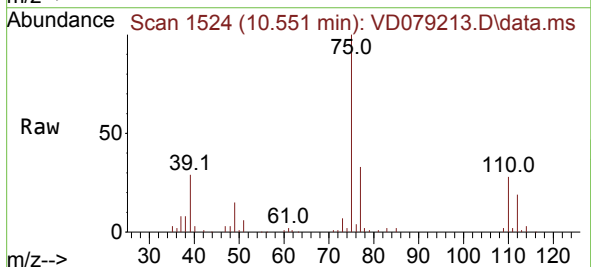
Acq: 20 Jun 2024 10:51

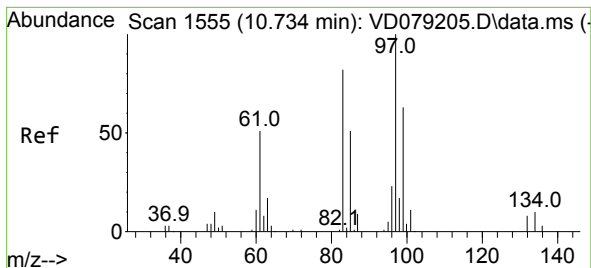
Tgt Ion: 75 Resp: 106890

Ion Ratio Lower Upper

75 100

77 33.2 24.3 45.1





#45

1,1,2-Trichloroethane

Concen: 27.475 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

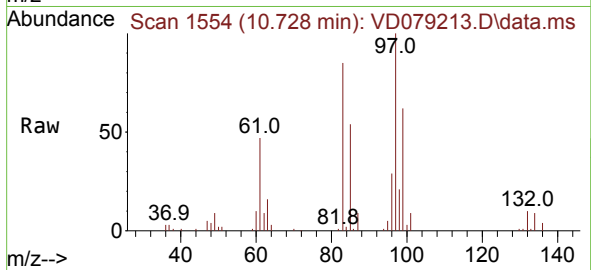
Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 69281

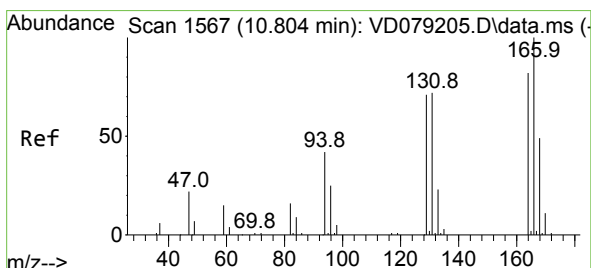
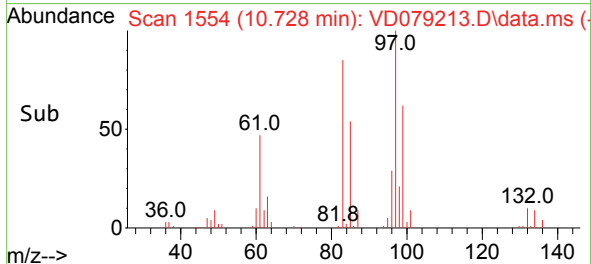
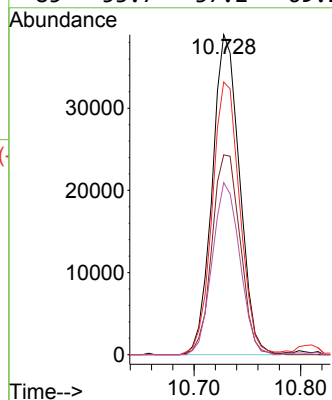
Ion Ratio Lower Upper

97 100

99 62.5 43.0 79.8

83 85.2 58.9 109.5

85 53.7 37.2 69.2



#46

Tetrachloroethene

Concen: 24.972 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VD079213.D

Acq: 20 Jun 2024 10:51

Tgt Ion: 164 Resp: 66457

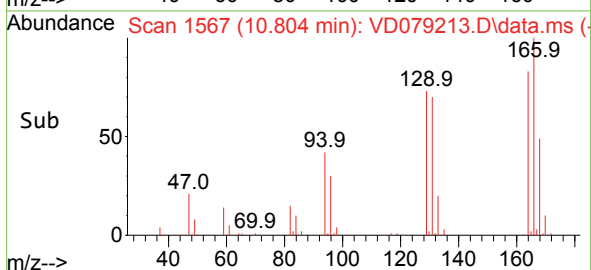
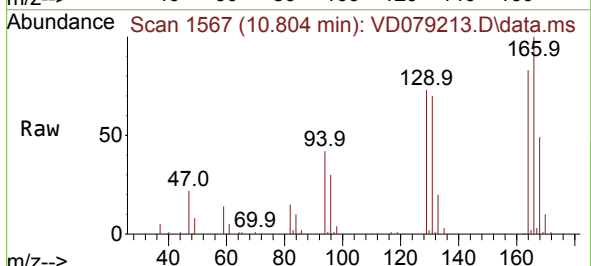
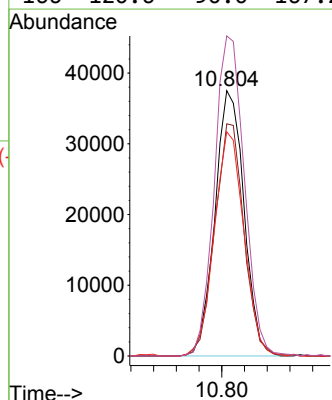
Ion Ratio Lower Upper

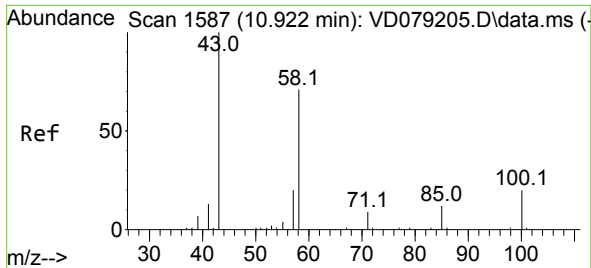
164 100

129 87.5 64.3 119.5

131 84.5 61.2 113.8

166 120.6 90.0 167.2

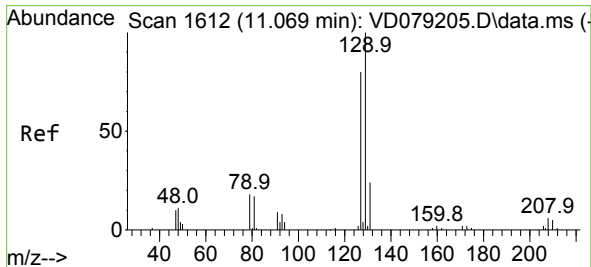
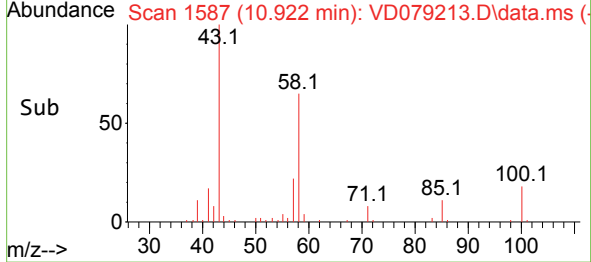
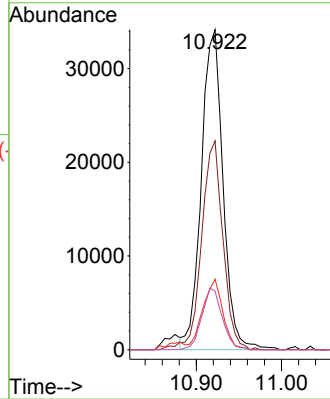
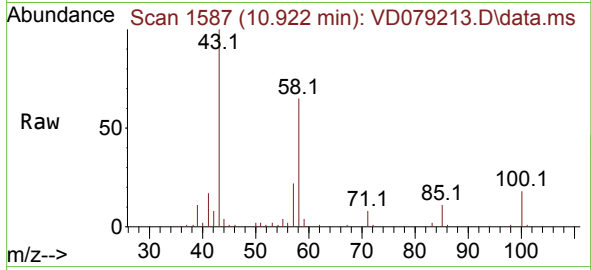




#48
2-Hexanone
Concen: 58.235 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

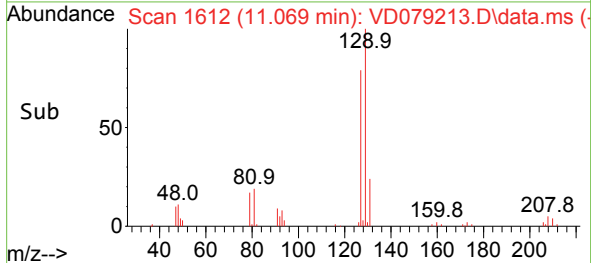
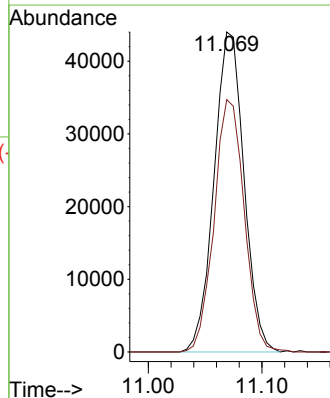
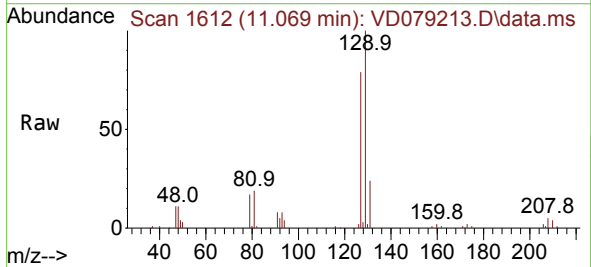
Instrument :
MSVOA_D
ClientSampleId :

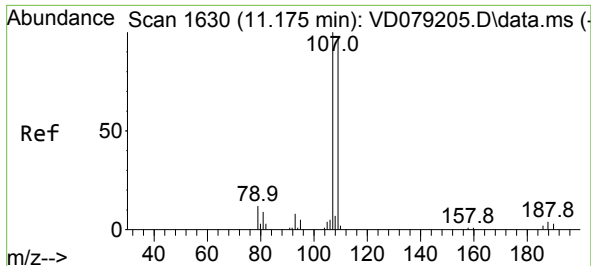
Tgt Ion: 43 Resp: 60464
Ion Ratio Lower Upper
43 100
58 63.9 50.1 75.1
57 20.6 16.5 24.7
100 18.0 15.2 22.8



#49
Dibromochloromethane
Concen: 27.060 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion: 129 Resp: 80804
Ion Ratio Lower Upper
129 100
127 78.9 56.4 104.7

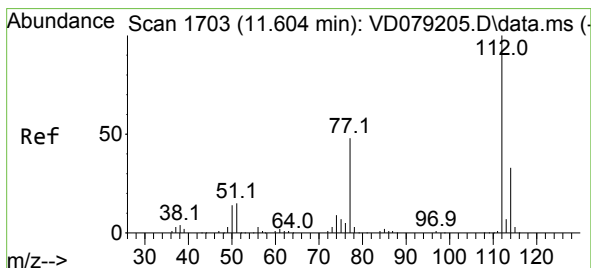
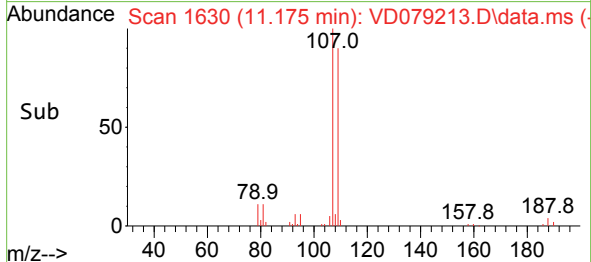
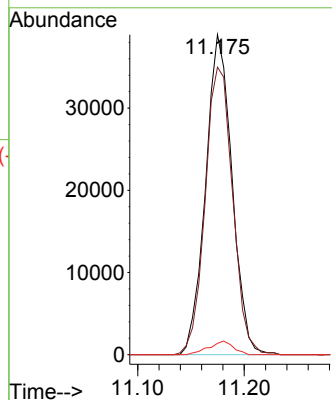
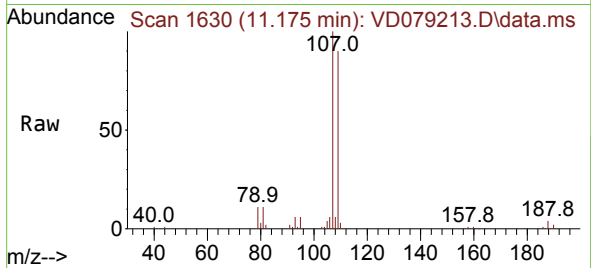




#50
1,2-Dibromoethane
Concen: 28.972 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

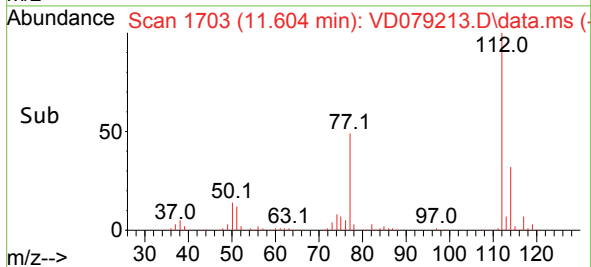
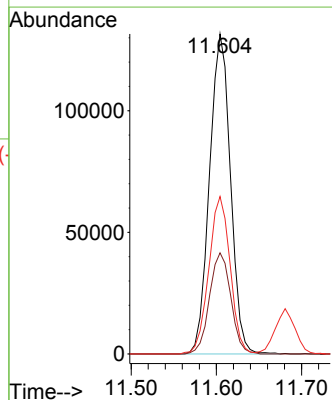
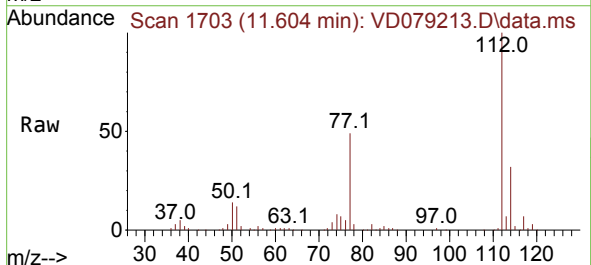
Instrument :
MSVOA_D
ClientSampleId :

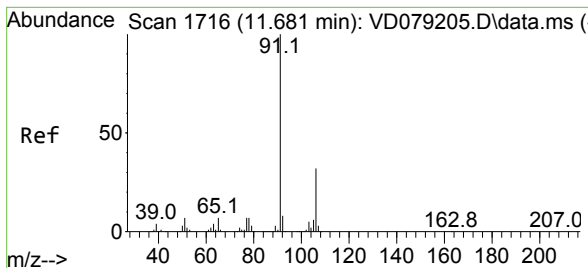
Tgt Ion:107 Resp: 67141
Ion Ratio Lower Upper
107 100
109 89.9 64.5 119.7
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 25.925 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:112 Resp: 224770
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.3
77 49.2 38.4 57.6

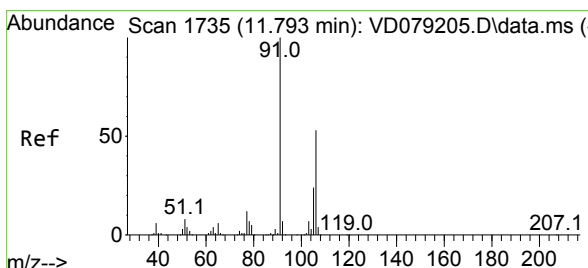
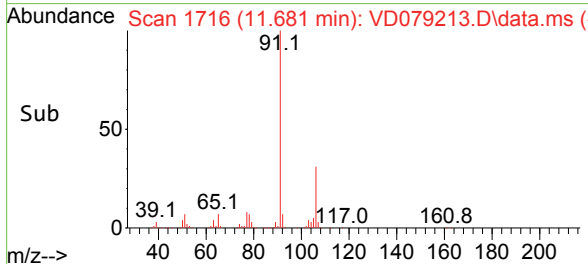
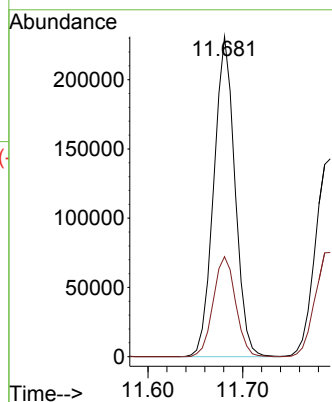
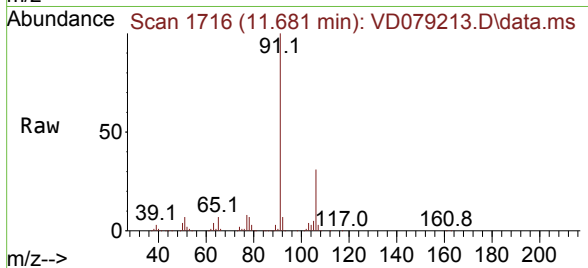




#52
Ethylbenzene
Concen: 26.371 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

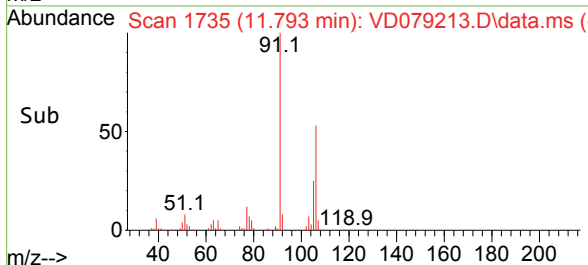
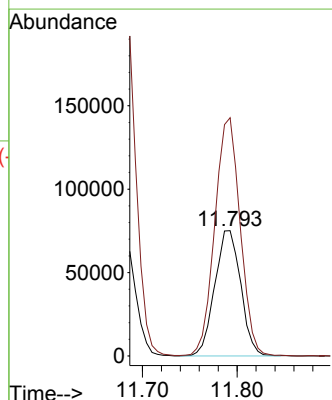
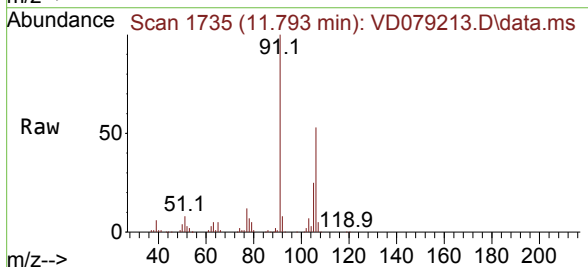
Instrument :
MSVOA_D
ClientSampleId :

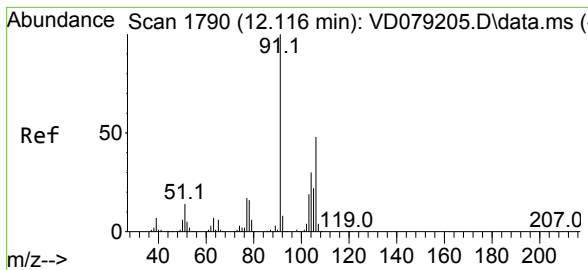
Tgt Ion: 91 Resp: 358439
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-Xylene
Concen: 26.864 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:106 Resp: 143258
Ion Ratio Lower Upper
106 100
91 190.1 133.1 247.1

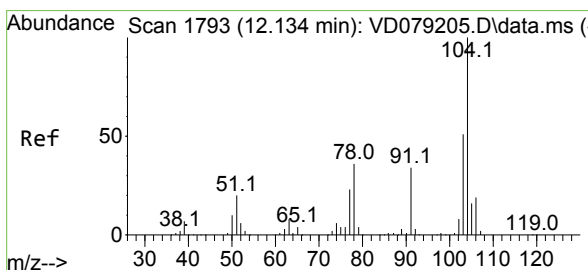
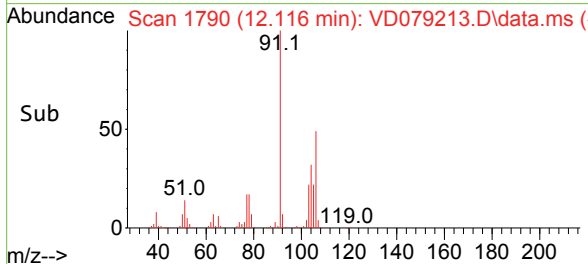
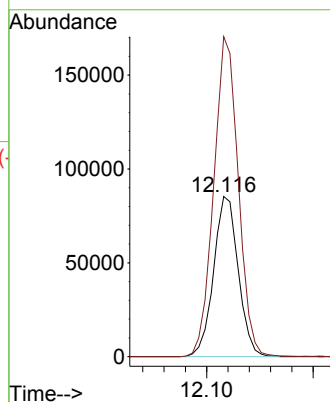
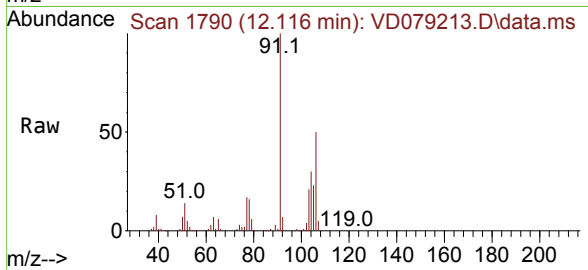




#54
o-Xylene
Concen: 26.597 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

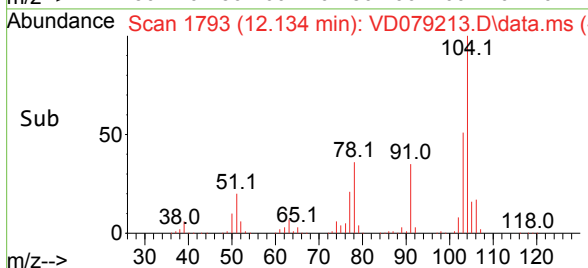
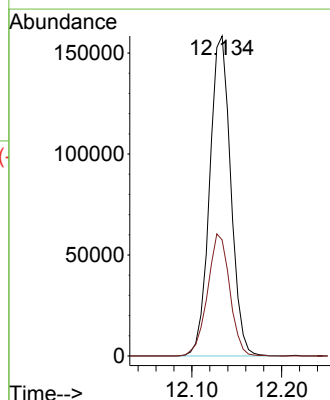
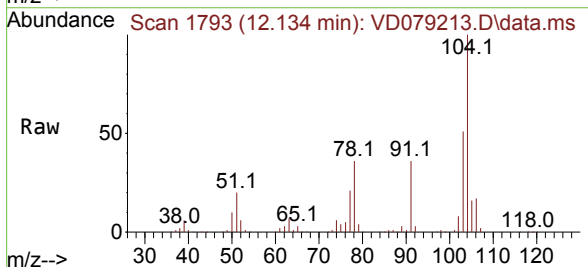
Instrument :
MSVOA_D
ClientSampleId :

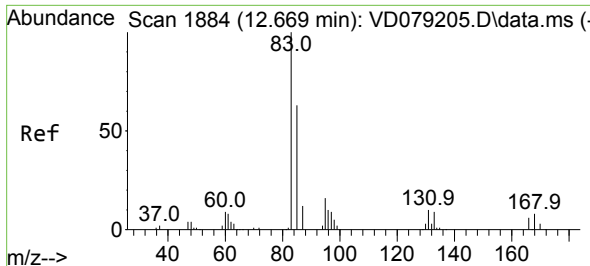
Tgt Ion:106 Resp: 137030
Ion Ratio Lower Upper
106 100
91 199.8 132.9 246.9



#55
Styrene
Concen: 28.296 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:104 Resp: 258487
Ion Ratio Lower Upper
104 100
78 36.2 27.8 51.6

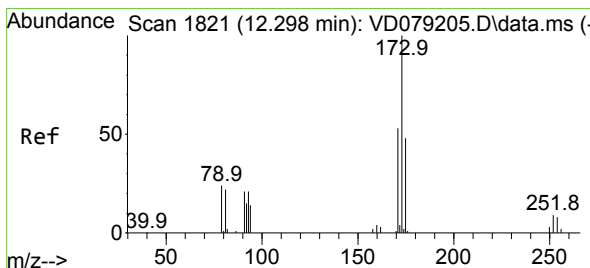
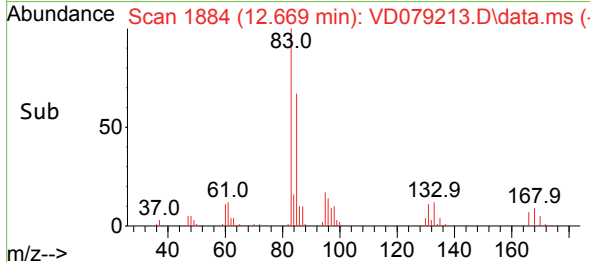
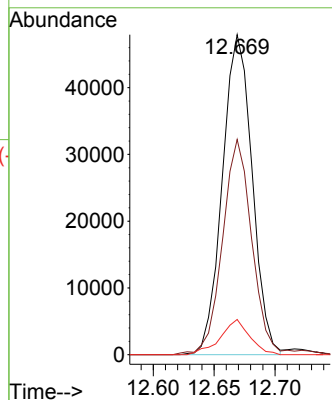
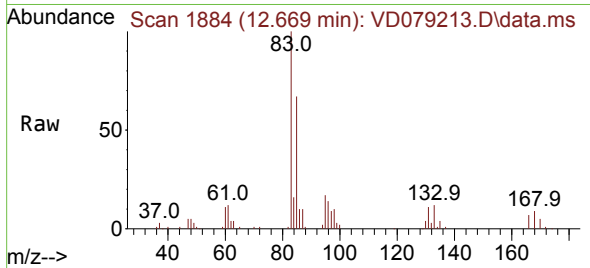




#57
1,1,2,2-Tetrachloroethane
Concen: 28.893 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

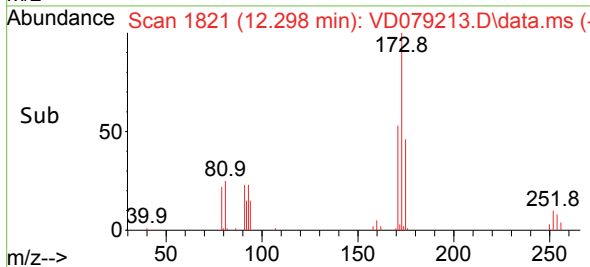
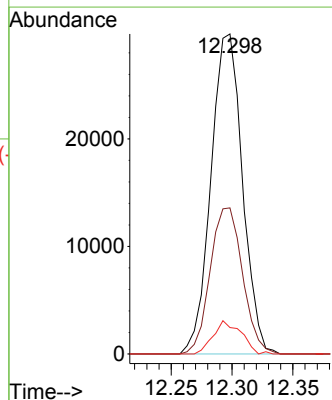
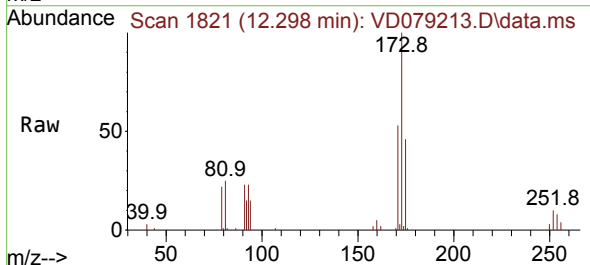
Instrument :
MSVOA_D
ClientSampleId :

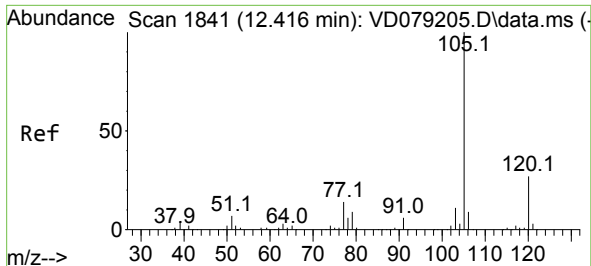
Tgt Ion: 83 Resp: 81554
Ion Ratio Lower Upper
83 100
85 67.3 47.5 88.1
131 11.0 8.6 13.0



#59
Bromoform
Concen: 28.439 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

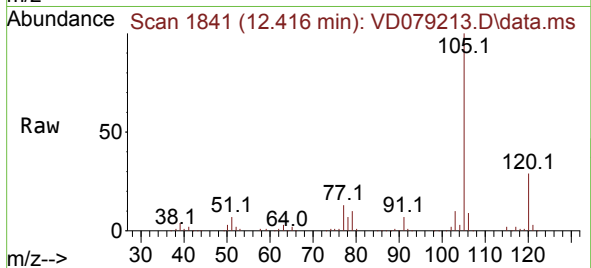
Tgt Ion: 173 Resp: 53573
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.4
254 9.1 7.0 10.6



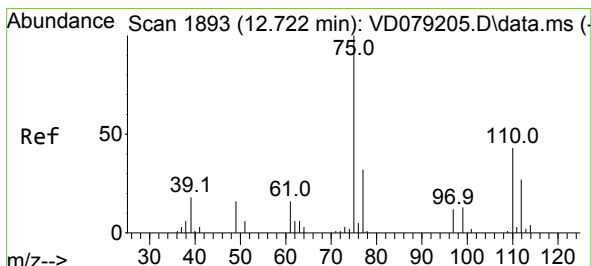
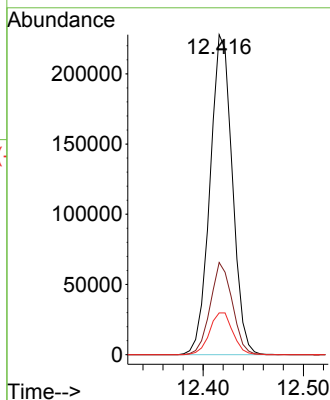
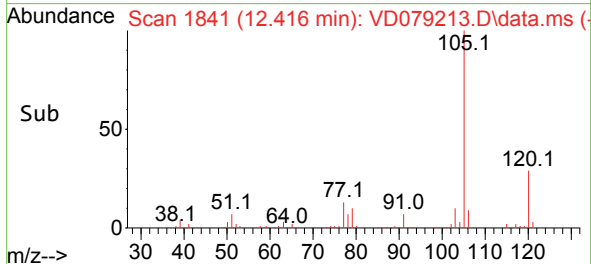


#60
Isopropylbenzene
Concen: 25.929 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

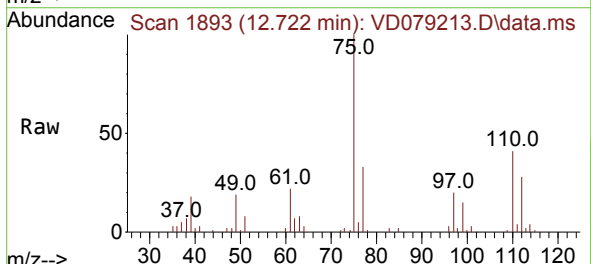
Instrument :
MSVOA_D
ClientSampleId :



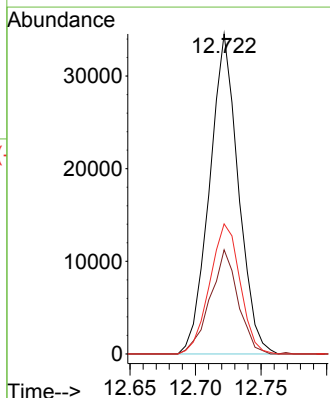
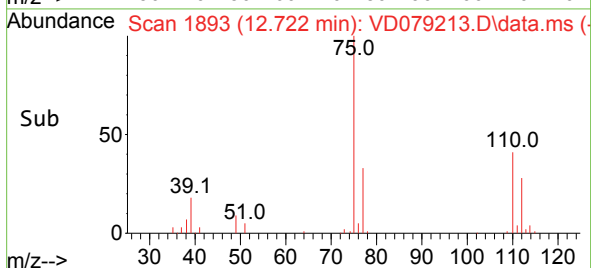
Tgt Ion:105 Resp: 352397
Ion Ratio Lower Upper
105 100
120 28.5 21.9 32.9
77 13.7 10.9 16.3

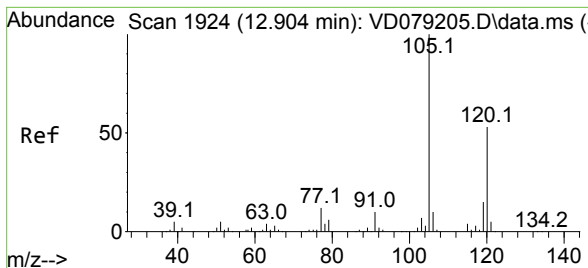


#61
1,2,3-Trichloropropane
Concen: 29.117 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51



Tgt Ion: 75 Resp: 52837
Ion Ratio Lower Upper
75 100
77 31.5 25.9 38.9
110 42.8 34.2 51.4

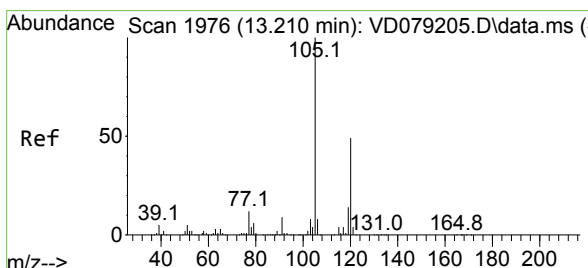
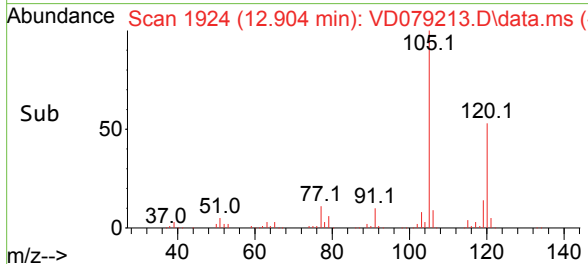
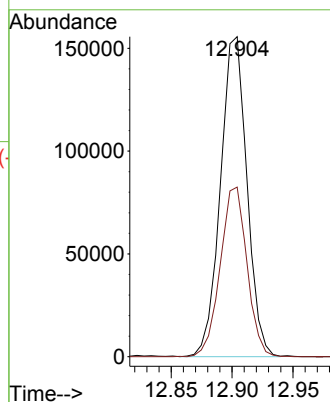
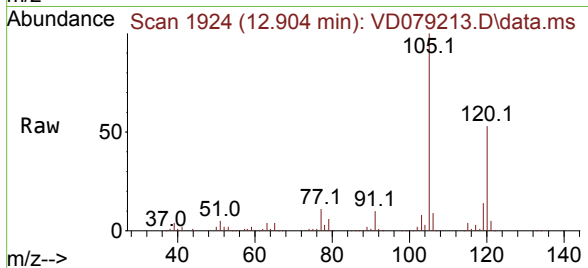




#62
1,3,5-Trimethylbenzene
Concen: 25.368 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

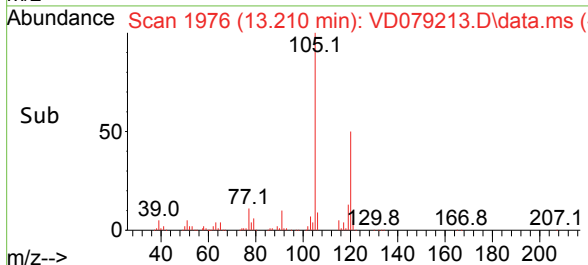
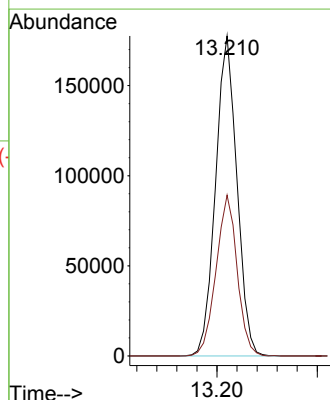
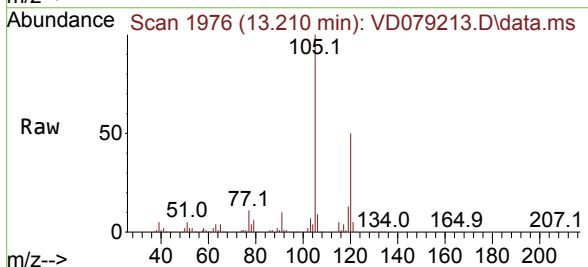
Instrument :
MSVOA_D
ClientSampleId :

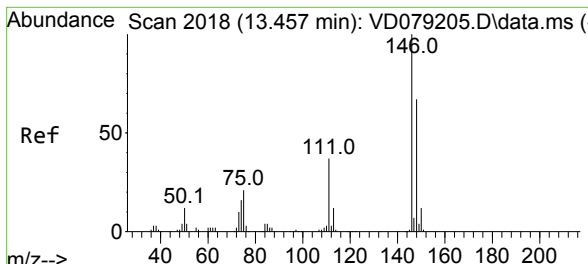
Tgt Ion:105 Resp: 235730
Ion Ratio Lower Upper
105 100
120 53.4 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 26.310 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:105 Resp: 261493
Ion Ratio Lower Upper
105 100
120 49.7 38.0 57.0

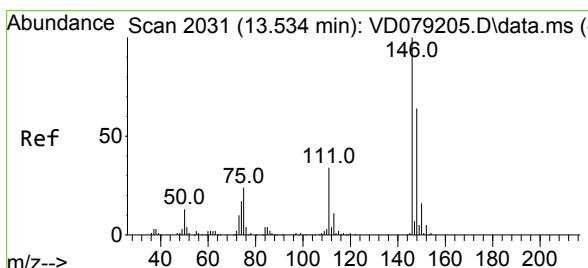
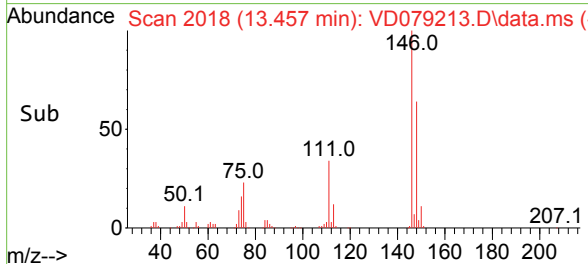
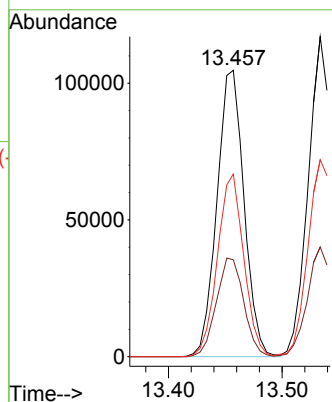
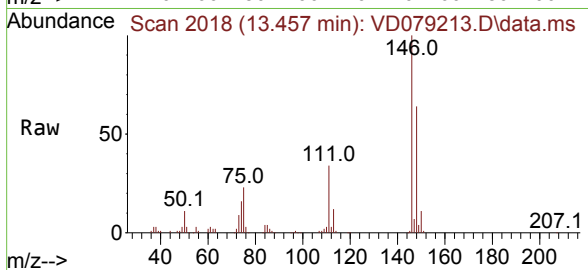




#64
1,3-Dichlorobenzene
Concen: 26.561 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

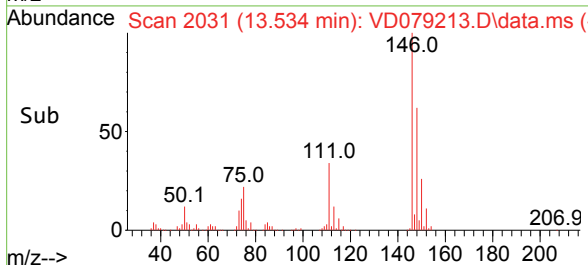
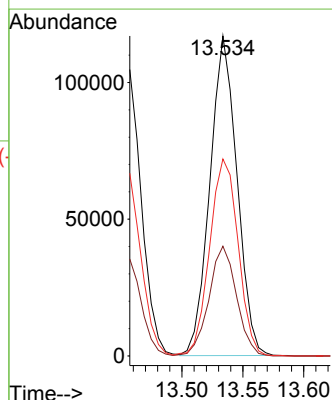
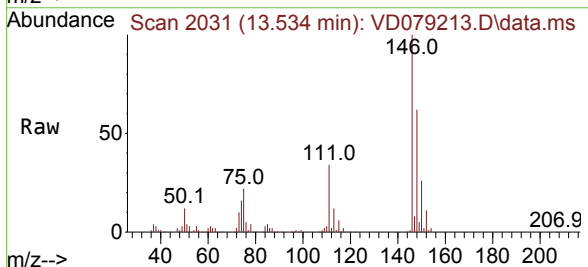
Instrument :
MSVOA_D
ClientSampleId :

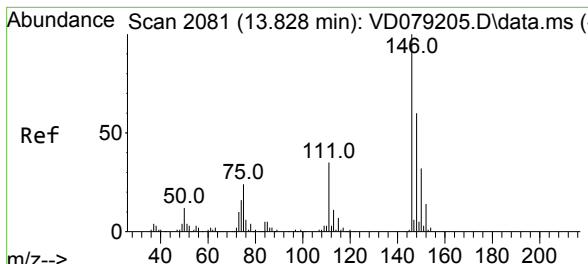
Tgt Ion:146 Resp: 173416
Ion Ratio Lower Upper
146 100
111 33.9 24.4 45.4
148 63.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 26.174 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

Tgt Ion:146 Resp: 181065
Ion Ratio Lower Upper
146 100
111 34.3 26.3 48.9
148 61.6 43.1 80.1

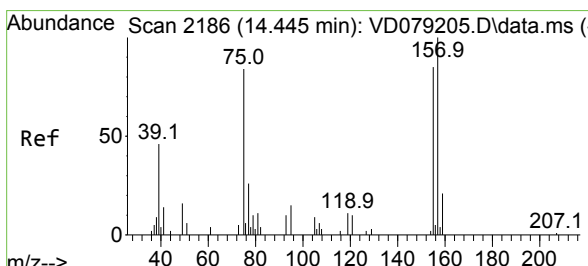
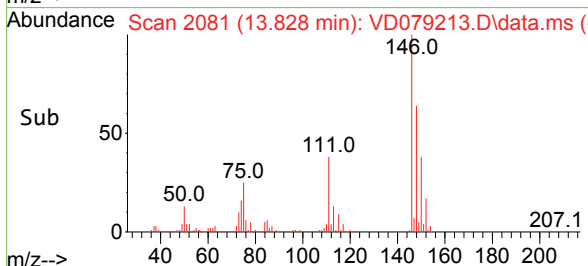
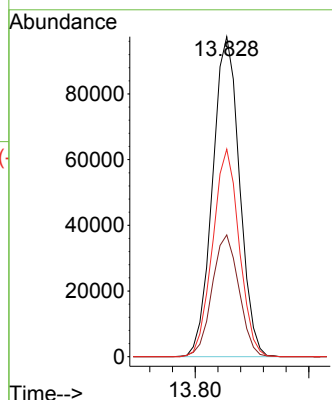
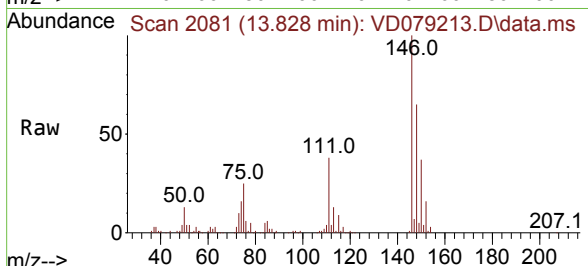




#67
 1,2-Dichlorobenzene
 Concen: 26.593 ug/L
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

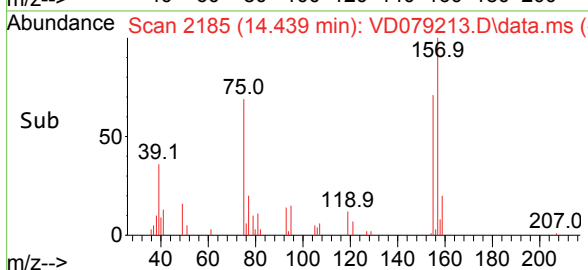
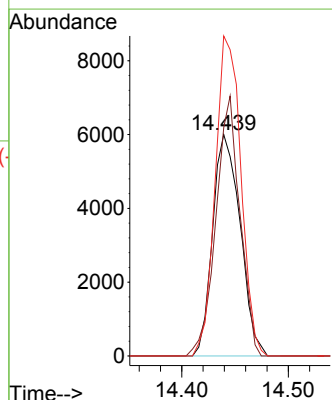
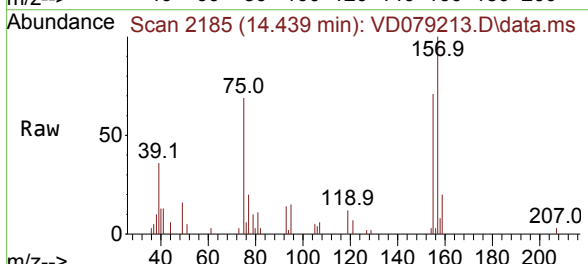
Instrument :
 MSVOA_D
 ClientSampleId :

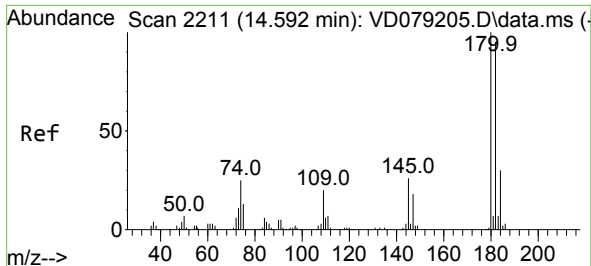
Tgt Ion:146 Resp: 160507
 Ion Ratio Lower Upper
 146 100
 111 38.0 29.1 43.7
 148 64.9 51.2 76.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.834 ug/L
 RT: 14.439 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

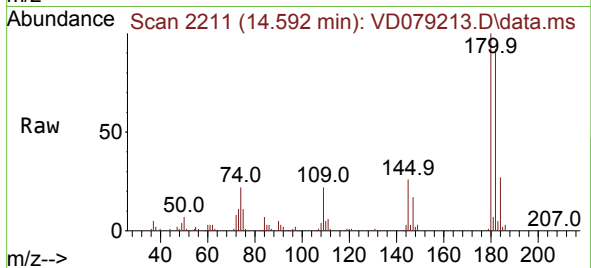
Tgt Ion: 75 Resp: 10756
 Ion Ratio Lower Upper
 75 100
 155 103.0 68.1 102.1#
 157 144.5 91.6 137.4#



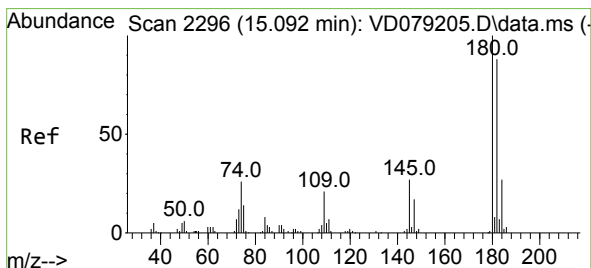
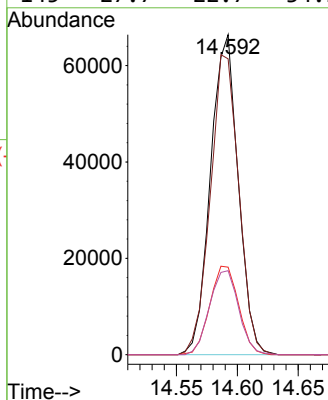
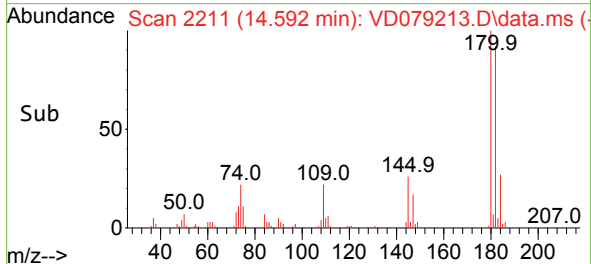


#69
1,3,5-Trichlorobenzene
Concen: 25.502 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51

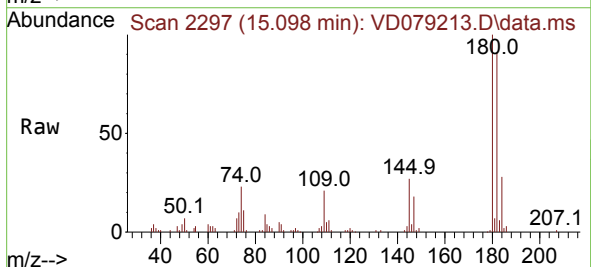
Instrument :
MSVOA_D
ClientSampleId :



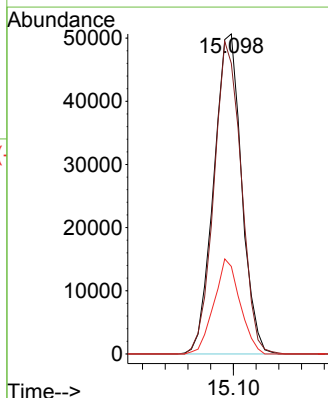
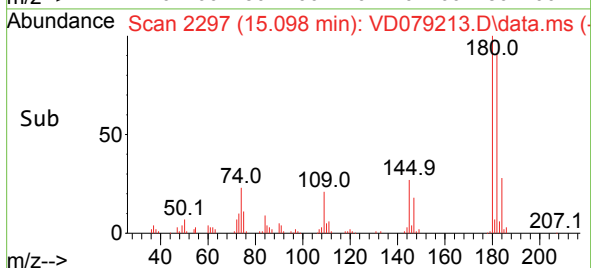
Tgt Ion:180 Resp: 105011
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
184 28.8 23.3 34.9
145 27.7 22.7 34.1

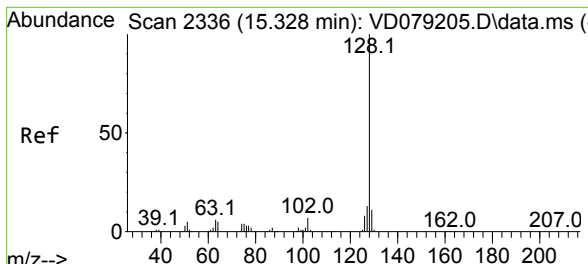


#70
1,2,4-trichlorobenzene
Concen: 25.197 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VD079213.D
Acq: 20 Jun 2024 10:51



Tgt Ion:180 Resp: 86170
Ion Ratio Lower Upper
180 100
182 95.6 73.8 110.6
145 27.9 22.3 33.5



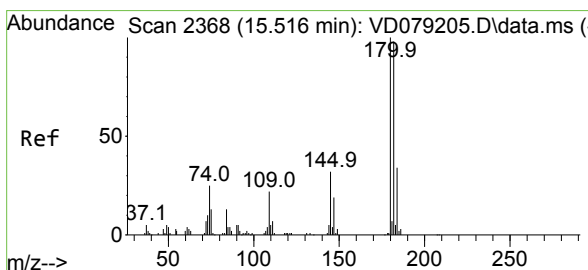
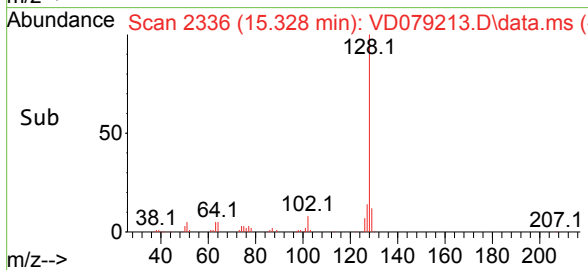
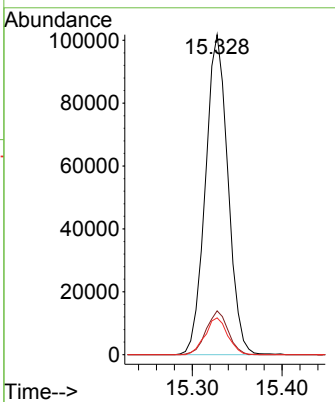
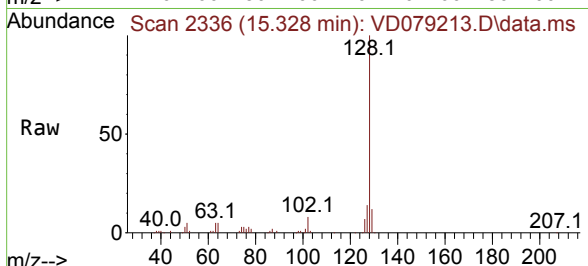


#71
 Naphthalene
 Concen: 27.754 ug/L
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:128 Resp: 177507

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	11.5	8.5	12.7



#72
 1,2,3-Trichlorobenzene
 Concen: 29.183 ug/L
 RT: 15.516 min Scan# 2368
 Delta R.T. -0.000 min
 Lab File: VD079213.D
 Acq: 20 Jun 2024 10:51

Tgt Ion:180 Resp: 86258

Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.4	119.2
145	29.2	24.7	37.1

