

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092424\
 Data File : VD079872.D
 Acq On : 24 Sep 2024 10:31
 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 25 01:17:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	161607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	154669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	73879	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	130003	18.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
7) Chloroethane-d5	2.805	69	117887	21.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	3.917	65	25453	19.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	6.987	46	31643	48.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.920%
24) Chloroform-d	7.569	84	122098	22.984	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.234	65	69294	24.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	8.199	84	257580	23.589	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	9.210	67	79244	23.695	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.269	98	234232	24.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.522	79	34722	24.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.875	63	31555	57.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.760%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	67245	27.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	70127	25.170	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	60878	19.756	ug/L	98
3) Chloromethane	2.152	50	109463	20.264	ug/L	97
5) Vinyl chloride	2.287	62	140289	21.194	ug/L	100
6) Bromomethane	2.693	94	72864	21.861	ug/L	99
8) Chloroethane	2.840	64	92165	21.075	ug/L	96
9) Trichlorofluoromethane	3.175	101	103534	21.753	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	57616	21.871	ug/L	99
12) 1,1-Dichloroethene	3.940	96	51569	21.017	ug/L	98
13) Acetone	4.022	43	40190	50.490	ug/L	94
14) Carbon disulfide	4.269	76	149753	18.762	ug/L	99
15) Methyl Acetate	4.558	43	15079	11.892	ug/L #	70
16) Methylene chloride	4.805	84	66719	20.894	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	56442	21.573	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	137327	23.332	ug/L #	94
19) 1,1-Dichloroethane	6.111	63	116510	22.420	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	66990	23.255	ug/L	96
22) 2-Butanone	7.075	43	45269	48.481	ug/L	96
23) Bromochloromethane	7.422	128	27193	22.241	ug/L	96
25) Chloroform	7.593	83	125056	23.117	ug/L	99

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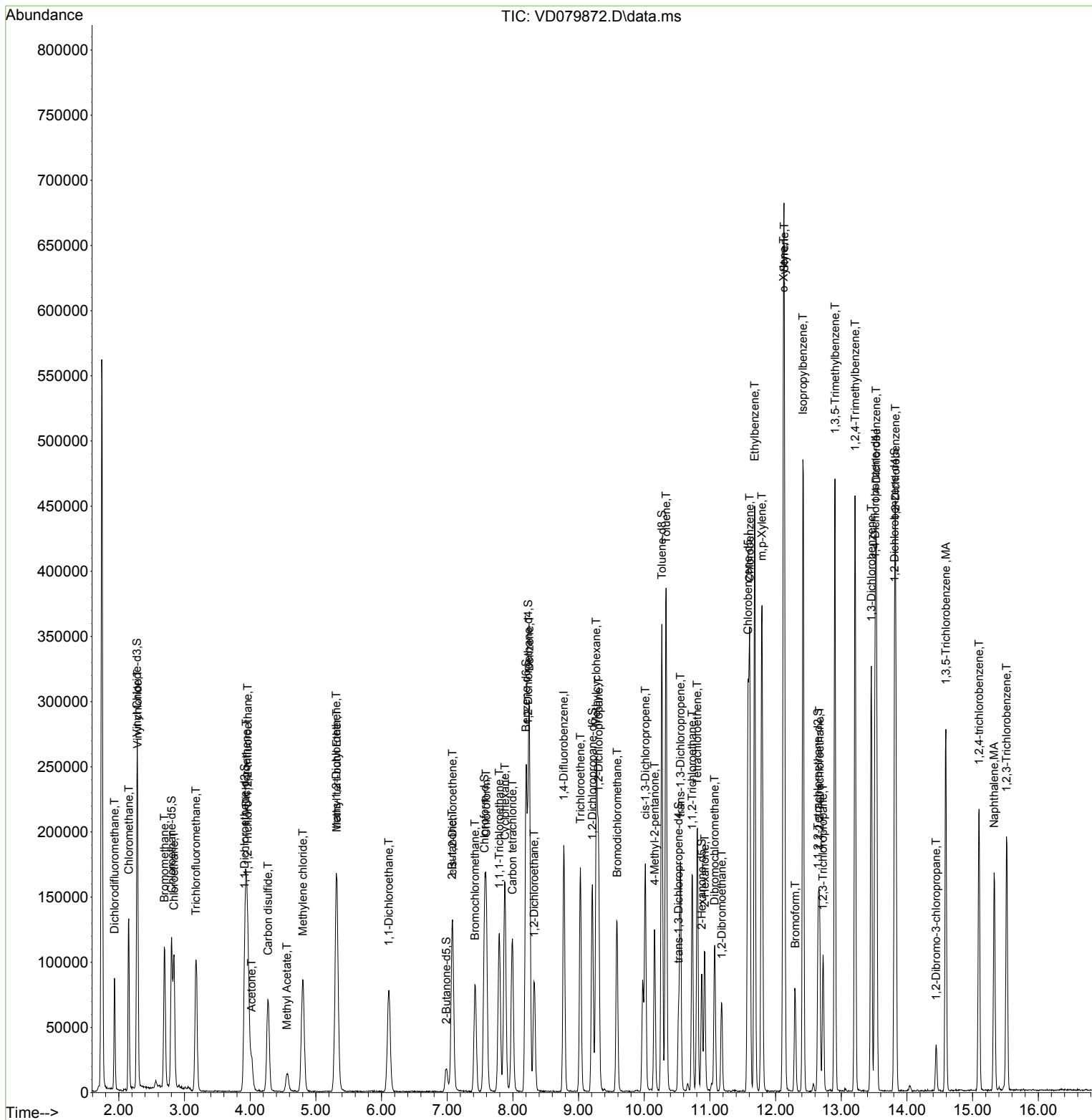
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 ClientSampleId :

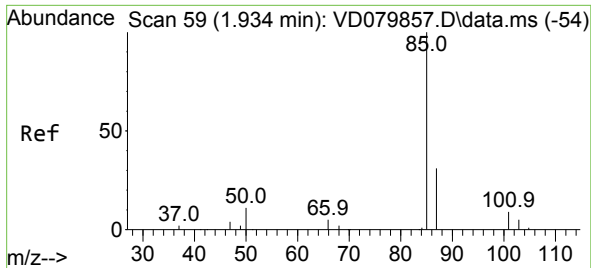
Quant Time: Sep 25 01:17:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 19 01:50:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	76687	23.194	ug/L	99
29) Cyclohexane	7.881	56	87234	22.802	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	100242	23.776	ug/L	99
31) Carbon tetrachloride	7.993	117	88322	23.645	ug/L	96
33) Benzene	8.252	78	269684	23.416	ug/L	100
34) Trichloroethene	9.028	95	61939	23.275	ug/L	95
35) Methylcyclohexane	9.269	83	98946	23.040	ug/L	98
37) 1,2-Dichloropropane	9.305	63	76890	24.481	ug/L #	100
38) Bromodichloromethane	9.587	83	88224	24.107	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	105041	23.816	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	86041	52.332	ug/L	97
42) Toluene	10.334	91	292521	24.113	ug/L	98
44) trans-1,3-Dichloropropene	10.552	75	99730	25.657	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	52574	24.500	ug/L	95
46) Tetrachloroethene	10.804	164	40542	22.440	ug/L	91
48) 2-Hexanone	10.922	43	71625	53.557	ug/L	98
49) Dibromochloromethane	11.069	129	57056	24.360	ug/L	91
50) 1,2-Dibromoethane	11.181	107	45031	24.296	ug/L #	97
51) Chlorobenzene	11.604	112	172010	23.626	ug/L	99
52) Ethylbenzene	11.681	91	311061	24.408	ug/L	98
53) m,p-Xylene	11.793	106	117803	24.405	ug/L	100
54) o-Xylene	12.122	106	113372	23.954	ug/L	96
55) Styrene	12.134	104	210463	25.302	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	64464	25.629	ug/L	93
59) Bromoform	12.298	173	31090	24.378	ug/L	99
60) Isopropylbenzene	12.416	105	310950	24.378	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	41639	22.929	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	234885	25.180	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	237938	24.323	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	128531	24.384	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	131754	23.830	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	116930	24.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	9898	26.639	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.592	180	75131	23.507	ug/L	95
70) 1,2,4-trichlorobenzene	15.098	180	62030	23.051	ug/L	98
71) Naphthalene	15.328	128	143770	23.920	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	60050	24.947	ug/L	98

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

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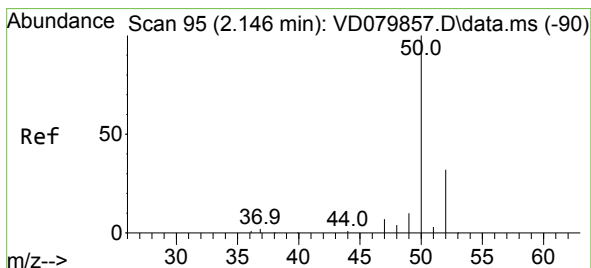
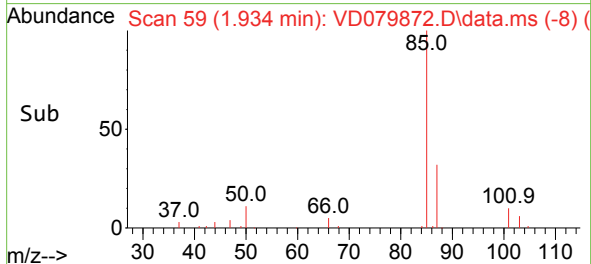
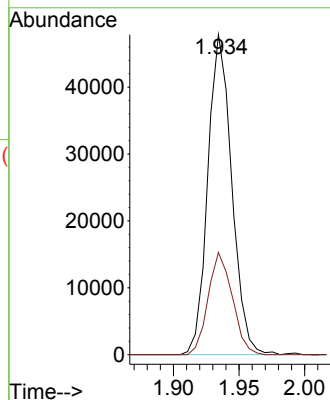
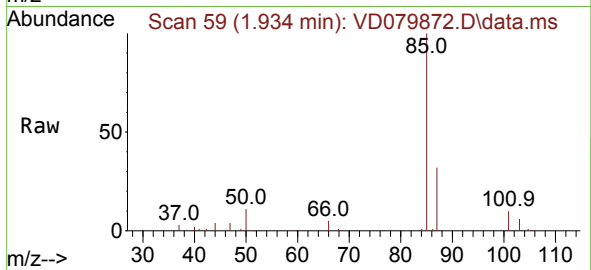




#2
 Dichlorodifluoromethane
 Concen: 19.756 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

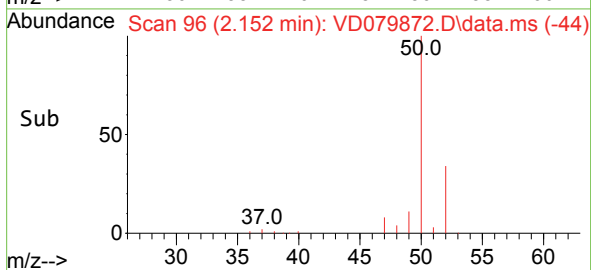
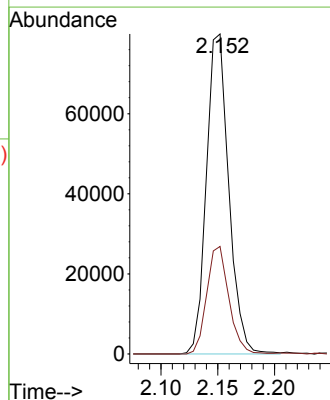
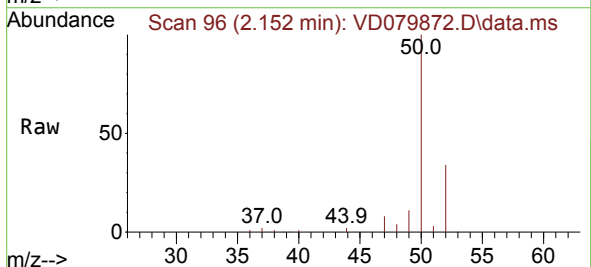
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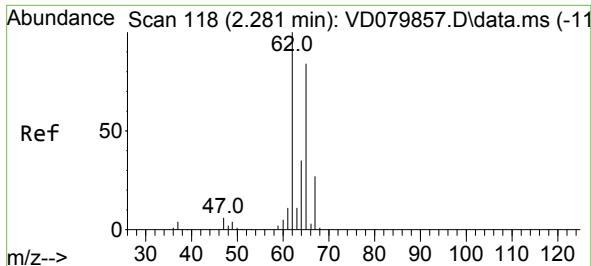
Tgt Ion: 85 Resp: 60878
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.6



#3
 Chloromethane
 Concen: 20.264 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

Tgt Ion: 50 Resp: 109463
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.4 41.6

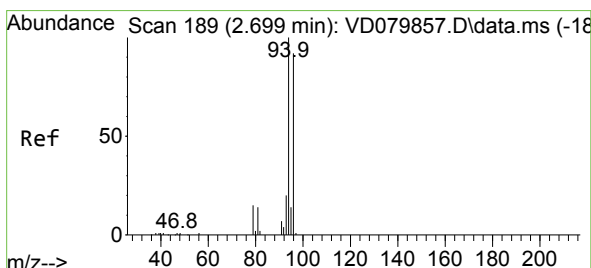
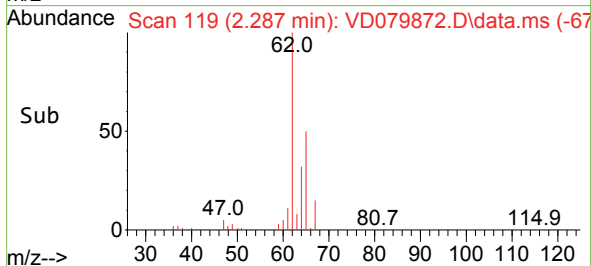
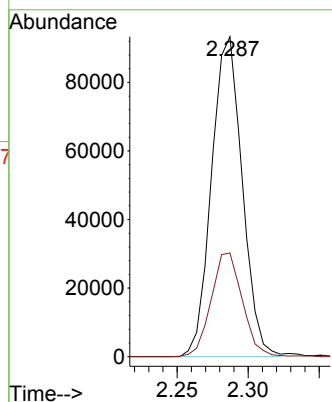
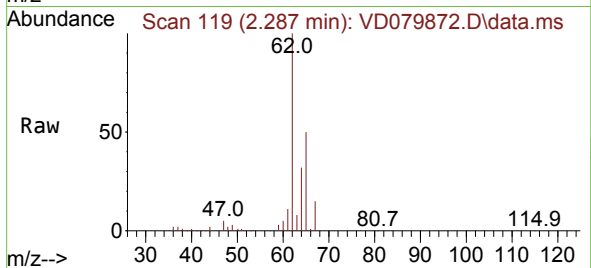




#5
 Vinyl chloride
 Concen: 21.194 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

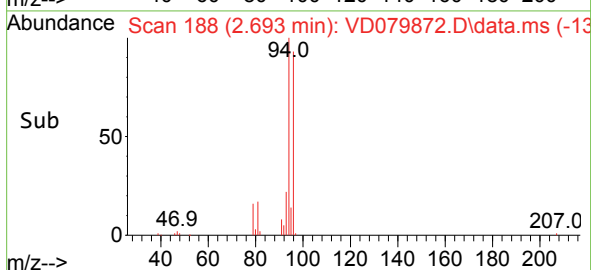
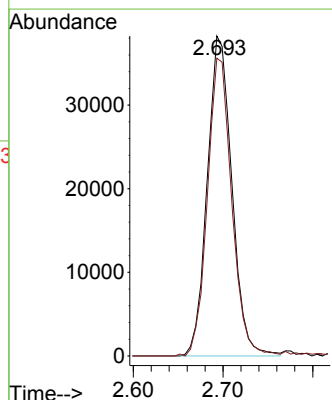
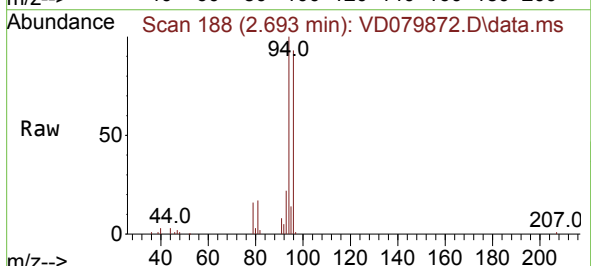
Instrument :
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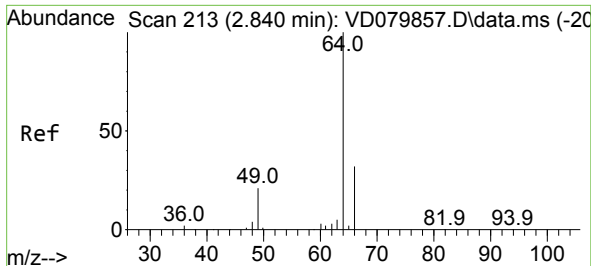
Tgt Ion: 62 Resp: 140289
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



#6
 Bromomethane
 Concen: 21.861 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

Tgt Ion: 94 Resp: 72864
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.3 119.5

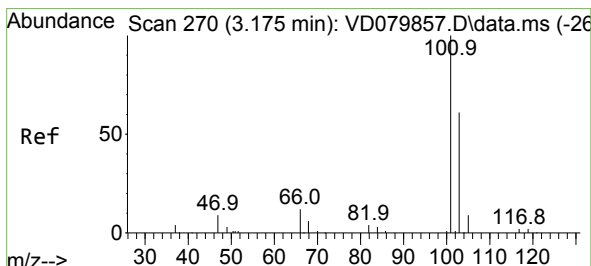
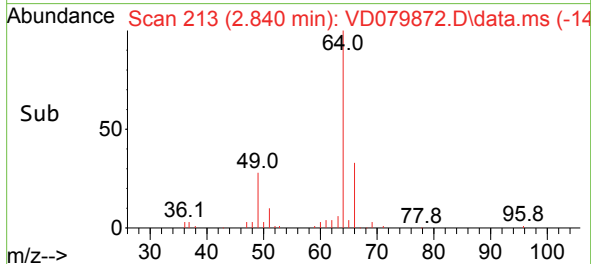
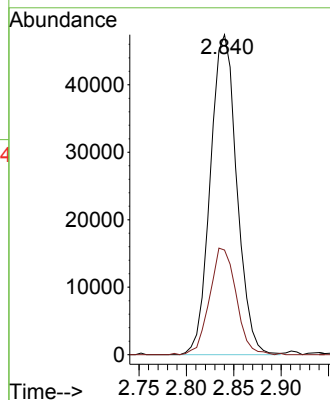
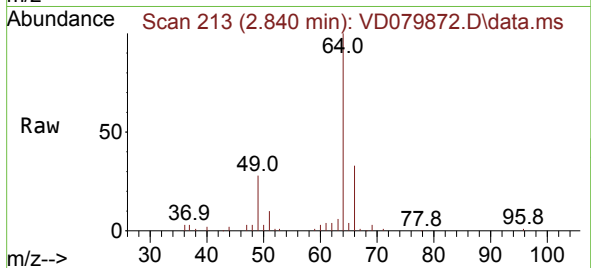




#8
Chloroethane
Concen: 21.075 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

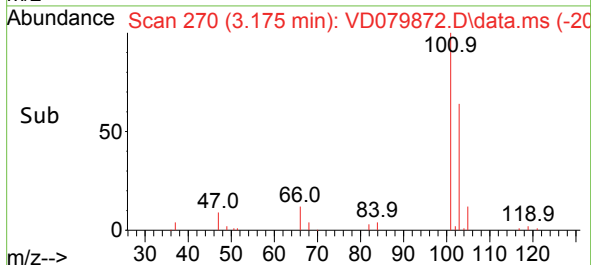
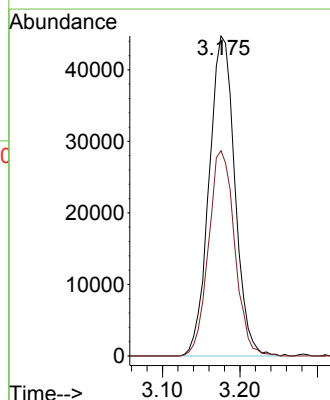
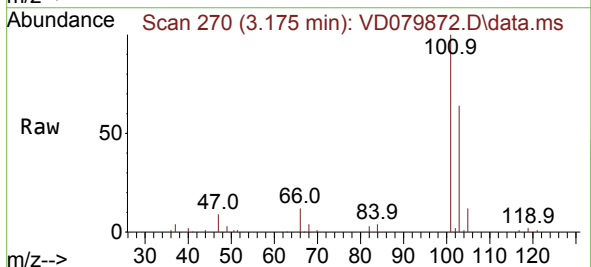
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ClientSampleId :

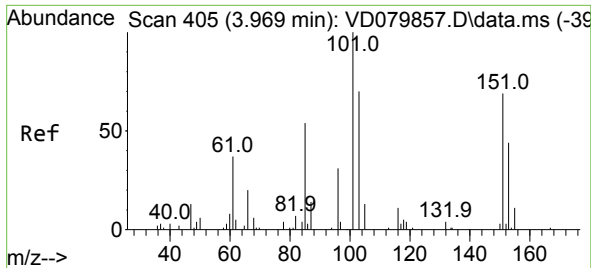
Tgt Ion: 64 Resp: 92165
Ion Ratio Lower Upper
64 100
66 32.7 21.3 39.6



#9
Trichlorofluoromethane
Concen: 21.753 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:101 Resp: 103534
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7

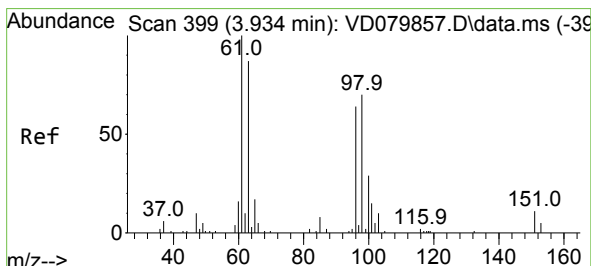
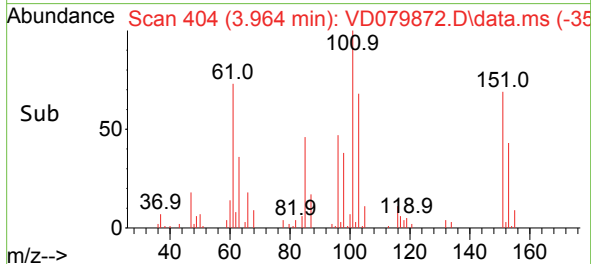
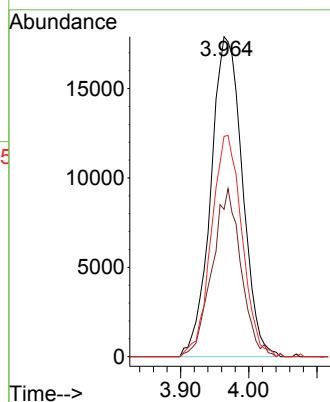
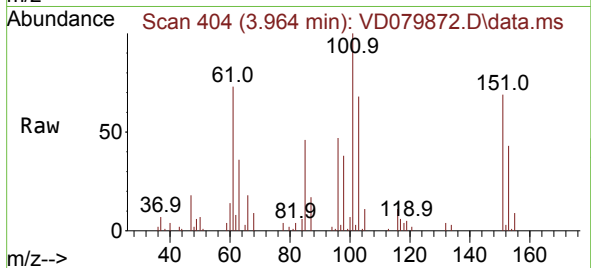




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.871 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

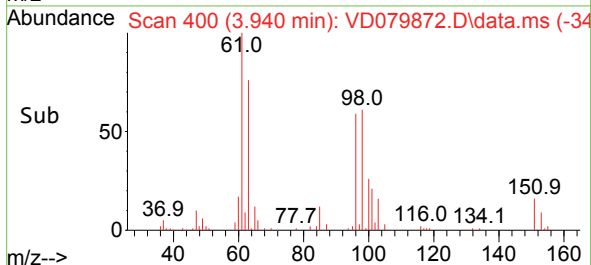
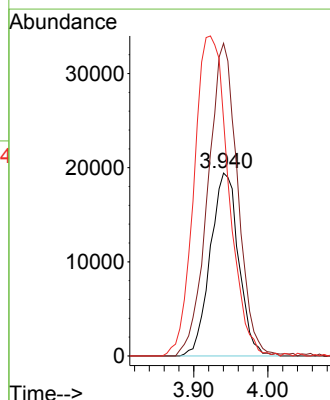
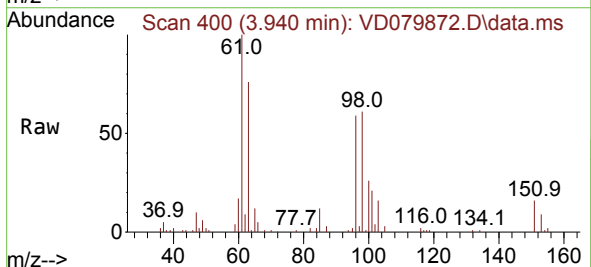
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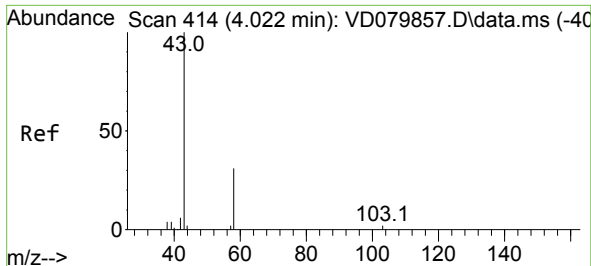
Tgt Ion:	101	Resp:	57616
Ion	Ratio	Lower	Upper
101	100		
85	48.1	37.8	56.8
151	67.3	54.2	81.4



#12
 1,1-Dichloroethene
 Concen: 21.017 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.006 min
 Lab File: VD079872.D
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Tgt Ion:	96	Resp:	51569
Ion	Ratio	Lower	Upper
96	100		
61	170.9	119.8	222.4
63	129.2	93.9	174.3

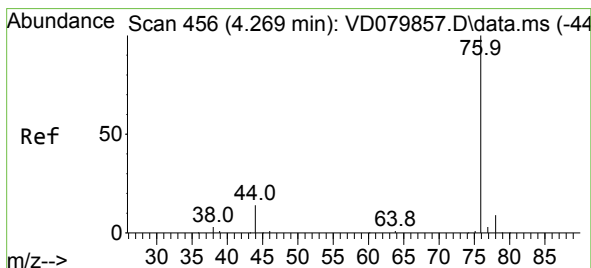
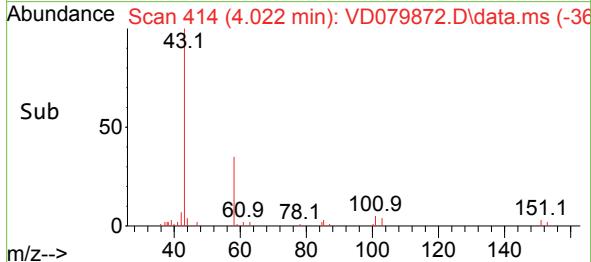
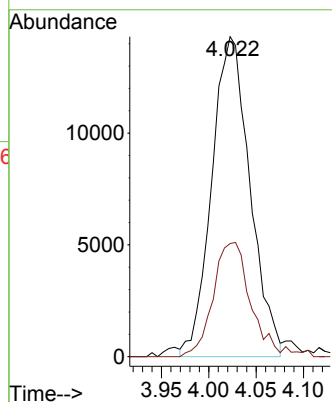
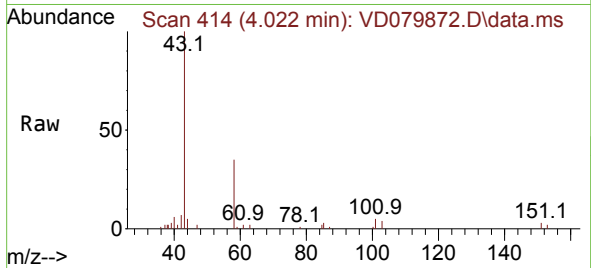




#13
Acetone
Concen: 50.490 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

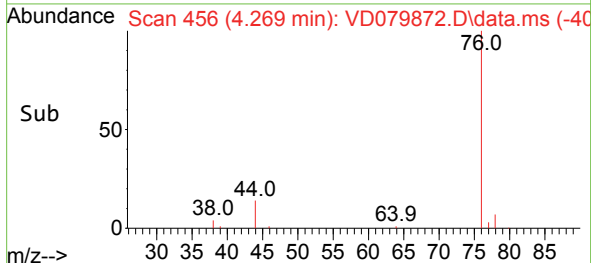
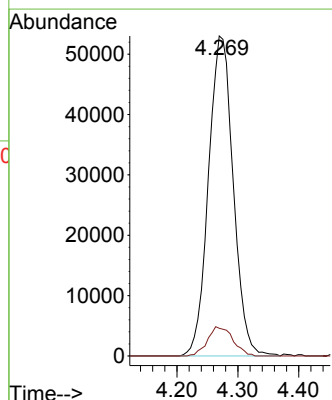
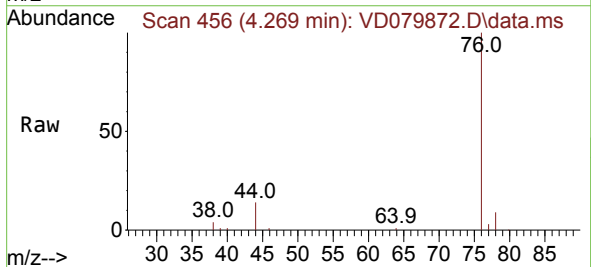
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ClientSampleId :

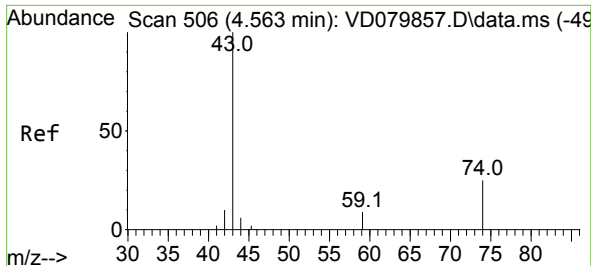
Tgt Ion: 43 Resp: 40190
Ion Ratio Lower Upper
43 100
58 34.4 0.0 75.8



#14
Carbon disulfide
Concen: 18.762 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion: 76 Resp: 149753
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

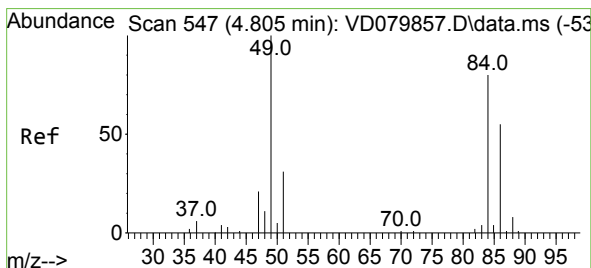
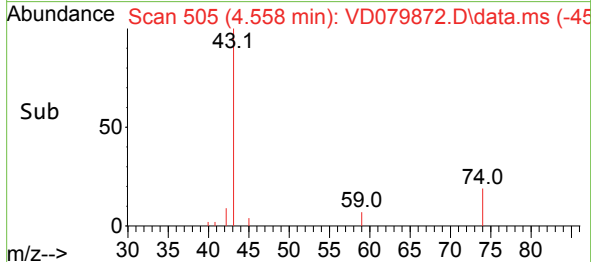
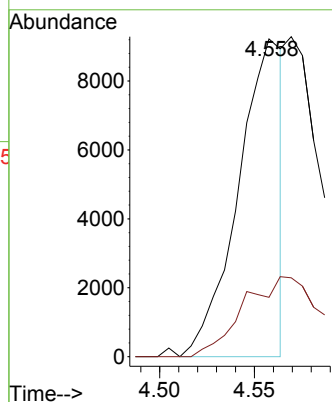
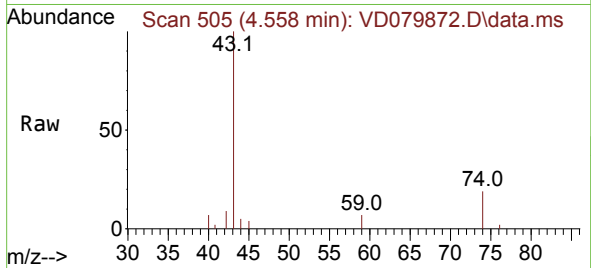




#15
Methyl Acetate
Concen: 11.892 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

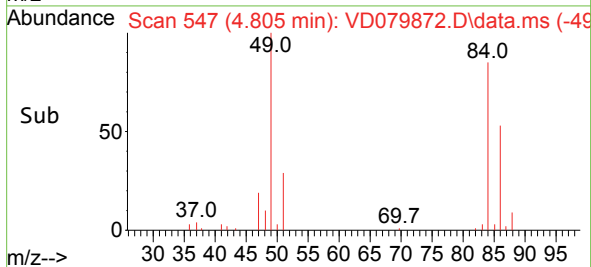
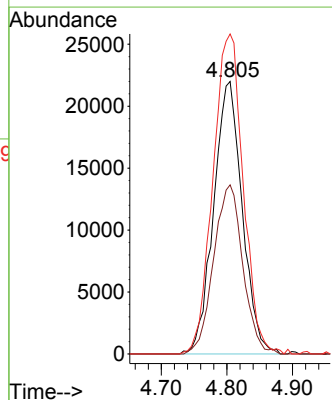
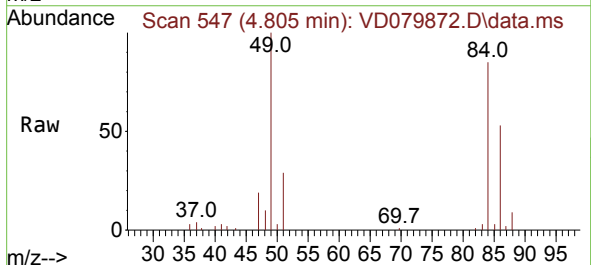
Instrument :
MSVOA_D
ClientSampleId :

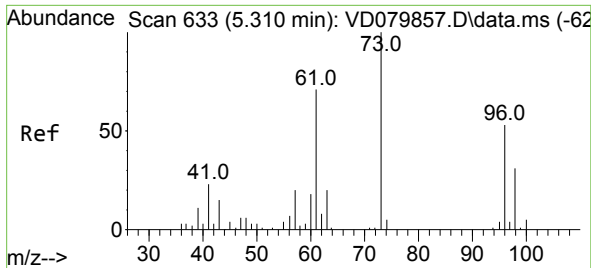
Tgt Ion: 43 Resp: 15079
Ion Ratio Lower Upper
43 100
74 27.5 11.9 17.9#



#16
Methylene chloride
Concen: 20.894 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion: 84 Resp: 66719
Ion Ratio Lower Upper
84 100
86 62.0 41.0 76.2
49 117.4 90.0 167.2





#17

trans-1,2-Dichloroethene

Concen: 21.573 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

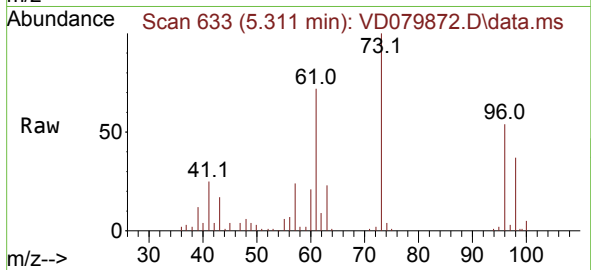
Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



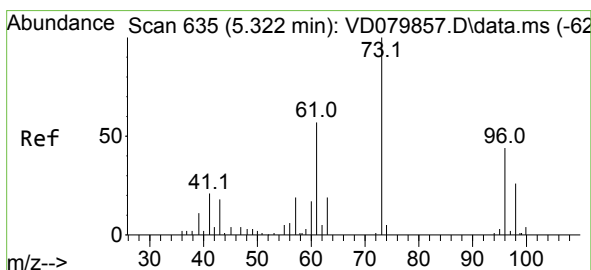
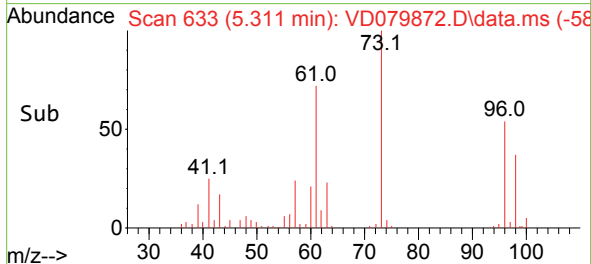
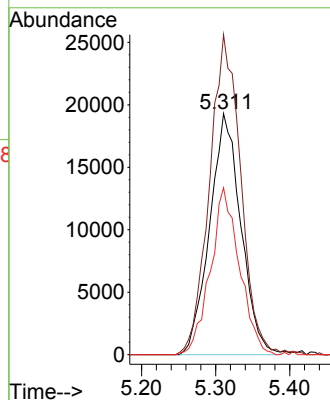
Tgt Ion: 96 Resp: 56442

Ion Ratio Lower Upper

96 100

61 132.8 88.7 164.7

98 69.2 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 23.332 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

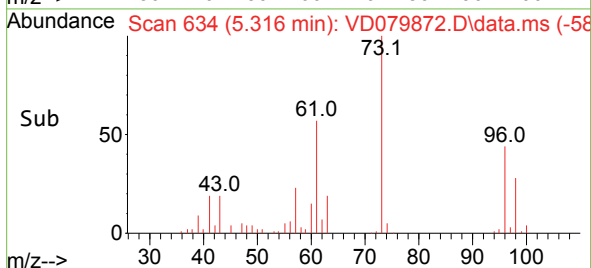
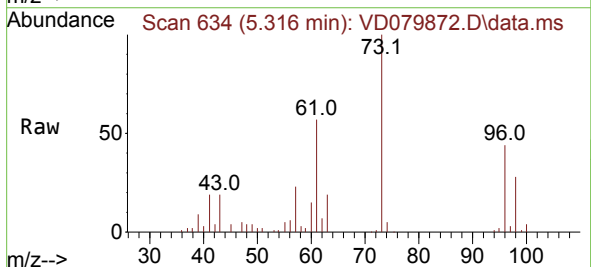
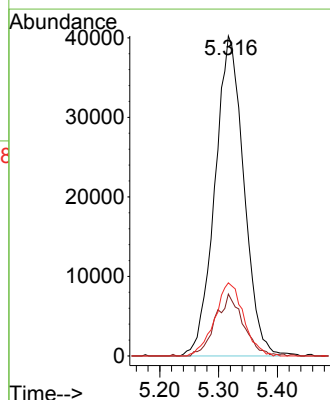
Tgt Ion: 73 Resp: 137327

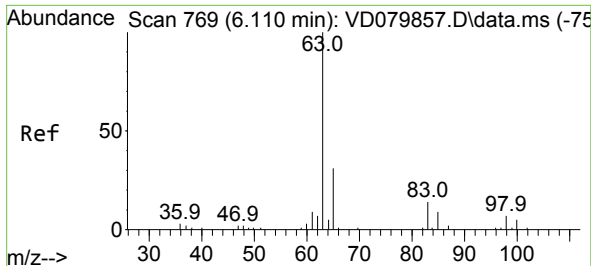
Ion Ratio Lower Upper

73 100

43 12.4 14.5 21.7#

57 22.7 18.8 28.2





#19

1,1-Dichloroethane

Concen: 22.420 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

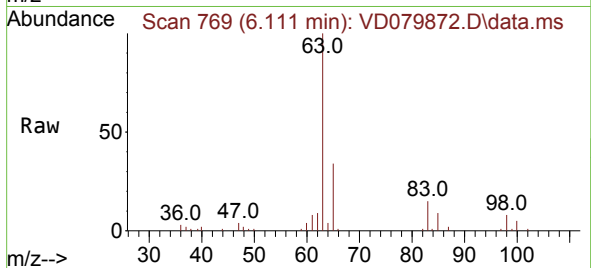
Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



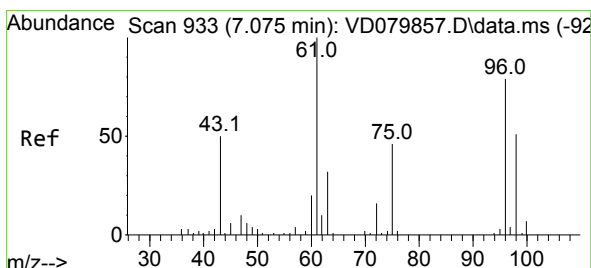
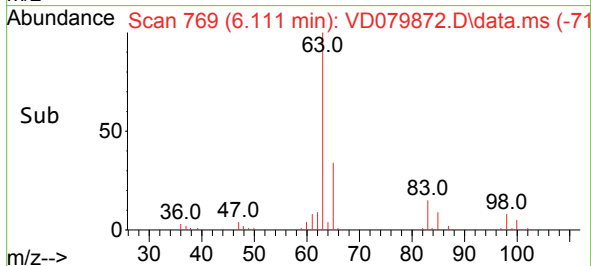
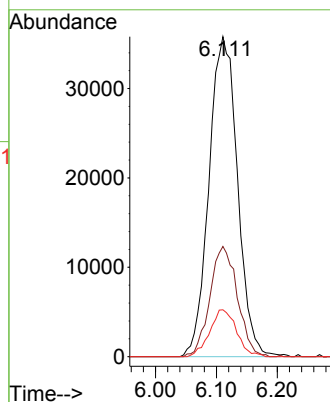
Tgt Ion: 63 Resp: 116510

Ion Ratio Lower Upper

63 100

65 34.5 22.6 42.0

83 14.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.255 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

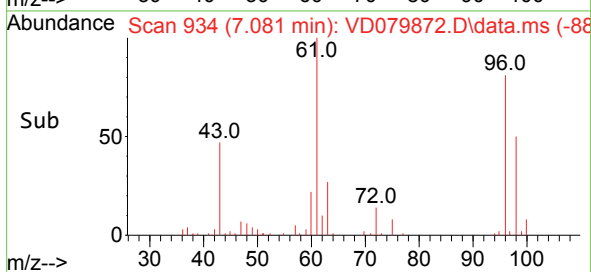
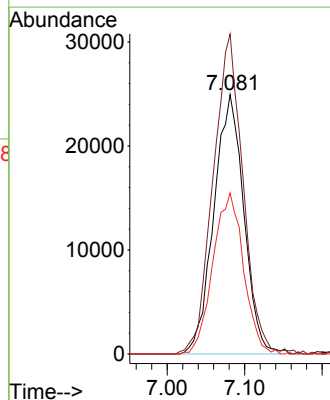
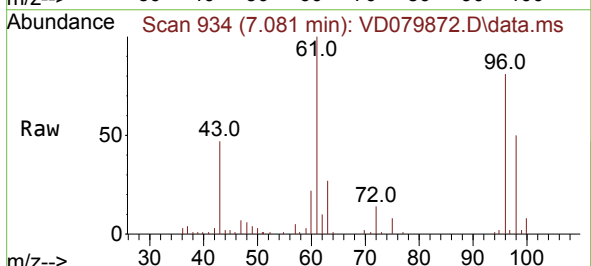
Tgt Ion: 96 Resp: 66990

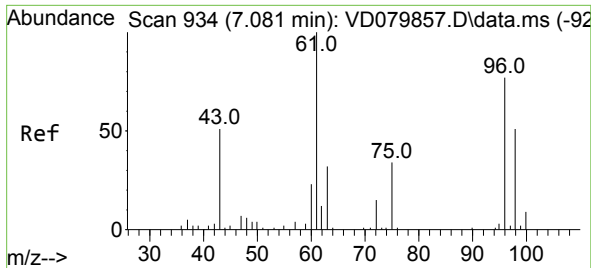
Ion Ratio Lower Upper

96 100

61 123.4 83.8 155.6

98 62.0 45.9 85.3

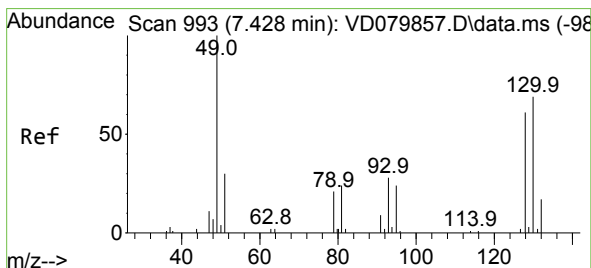
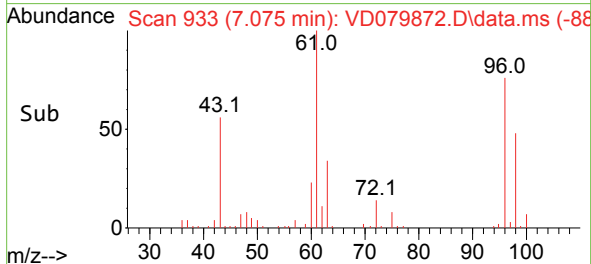
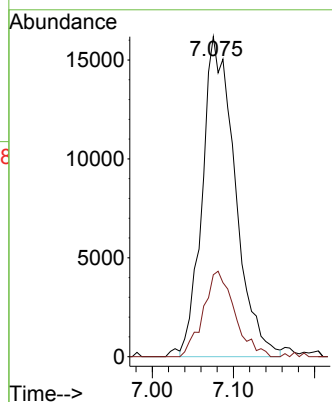
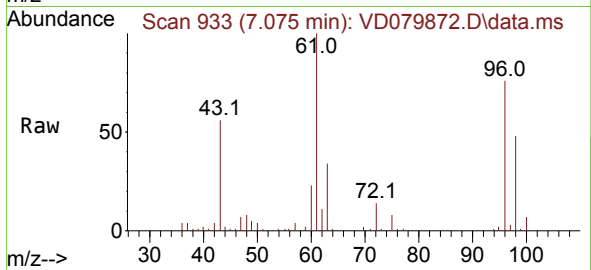




#22
2-Butanone
Concen: 48.481 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

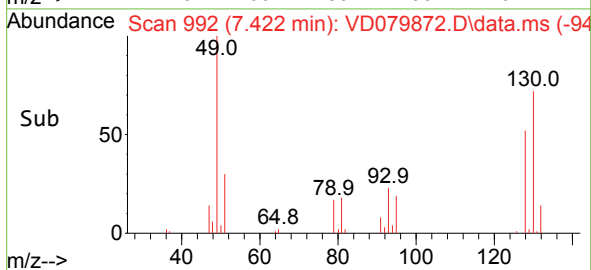
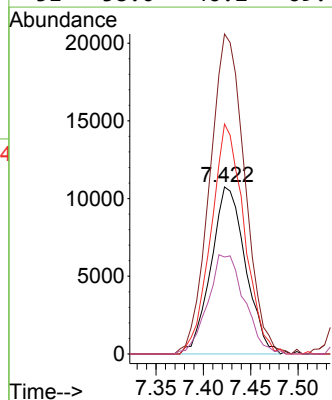
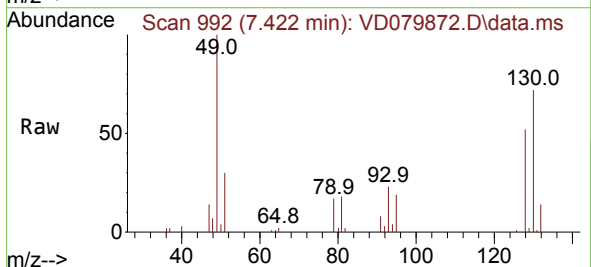
Instrument :
MSVOA_D
ClientSampleId :

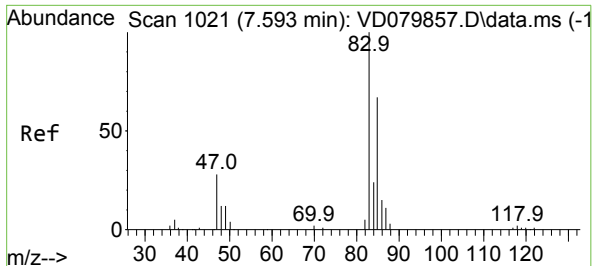
Tgt Ion: 43 Resp: 45269
Ion Ratio Lower Upper
43 100
72 24.2 13.1 39.3



#23
Bromochloromethane
Concen: 22.241 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:128 Resp: 27193
Ion Ratio Lower Upper
128 100
49 191.6 132.3 245.7
130 137.6 89.4 166.0
51 58.0 46.2 69.4





#25

Chloroform

Concen: 23.117 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

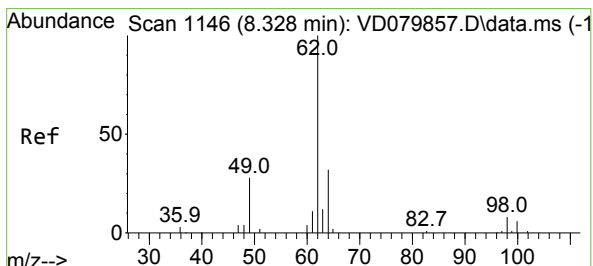
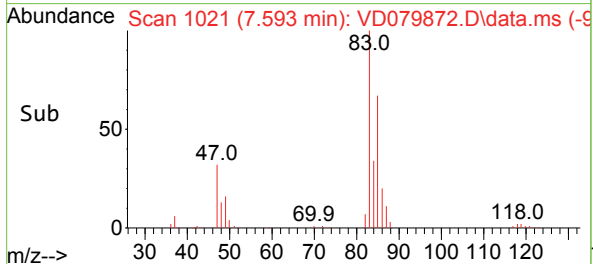
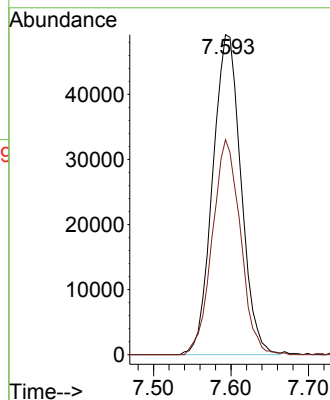
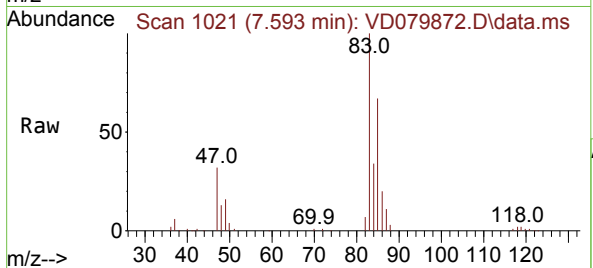
ClientSampleId :

Tgt Ion: 83 Resp: 125056

Ion Ratio Lower Upper

83 100

85 67.2 47.3 87.9



#27

1,2-Dichloroethane

Concen: 23.194 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD079872.D

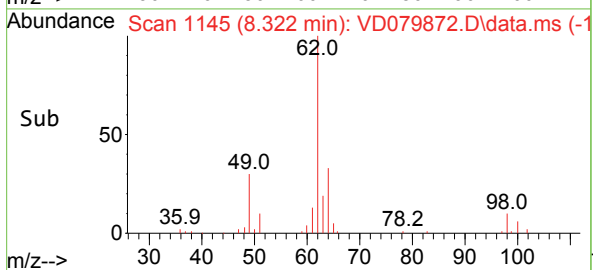
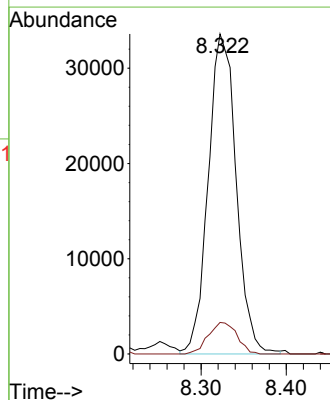
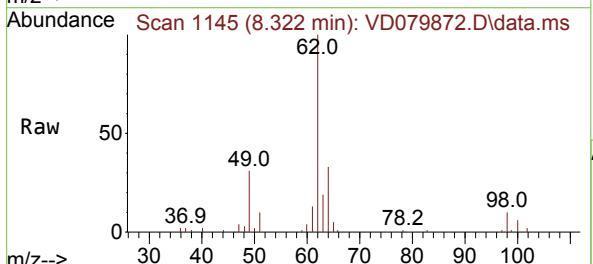
Acq: 24 Sep 2024 10:31

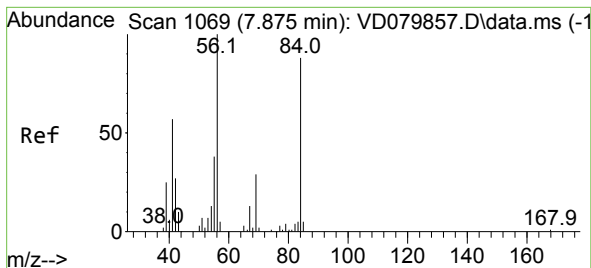
Tgt Ion: 62 Resp: 76687

Ion Ratio Lower Upper

62 100

98 9.9 7.5 11.3





#29

Cyclohexane

Concen: 22.802 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

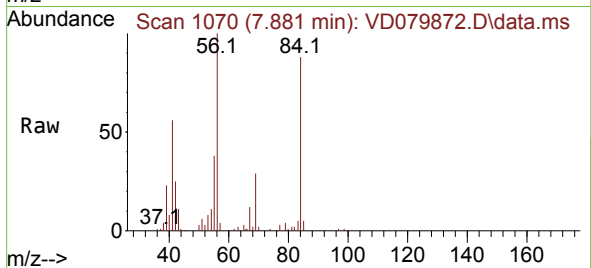
Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



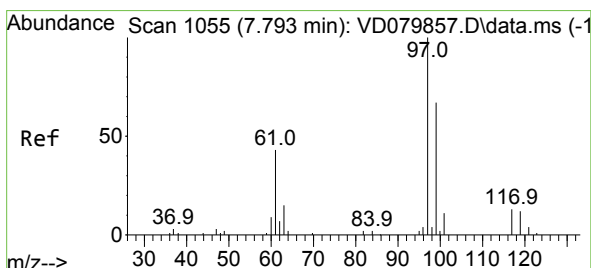
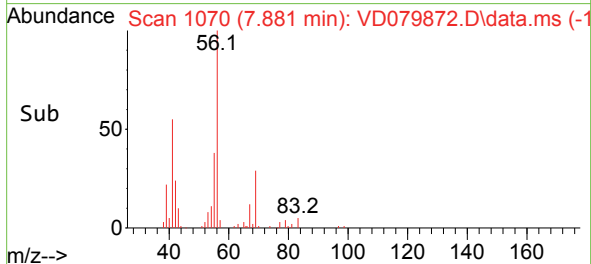
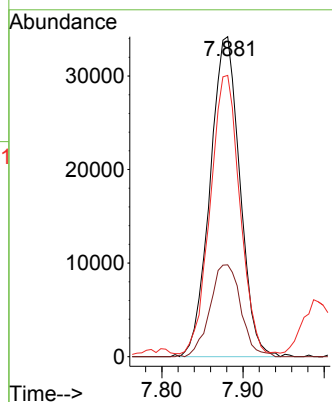
Tgt Ion: 56 Resp: 87234

Ion Ratio Lower Upper

56 100

69 29.5 22.8 34.2

84 87.7 69.1 103.7



#30

1,1,1-Trichloroethane

Concen: 23.776 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

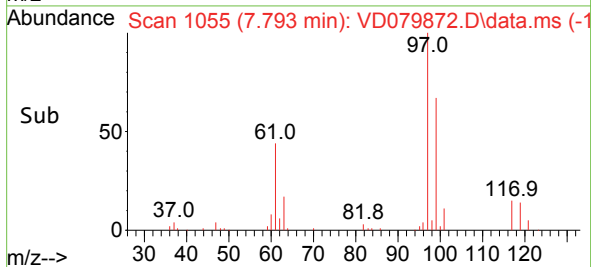
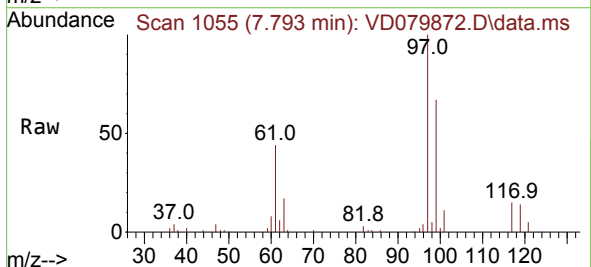
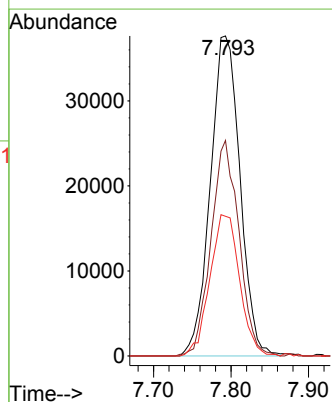
Tgt Ion: 97 Resp: 100242

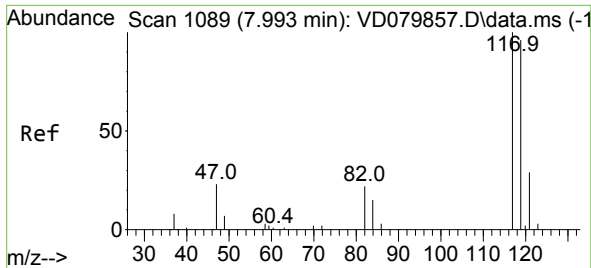
Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 44.1 35.4 53.2

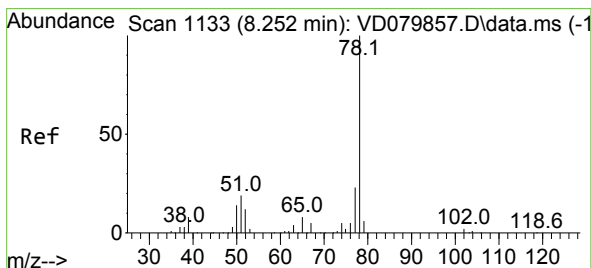
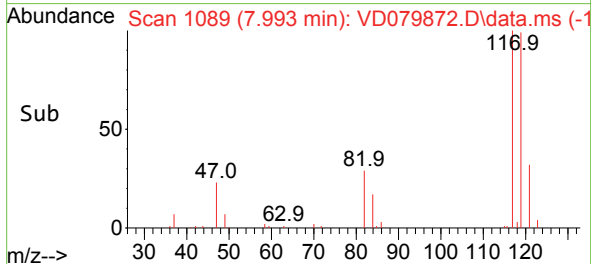
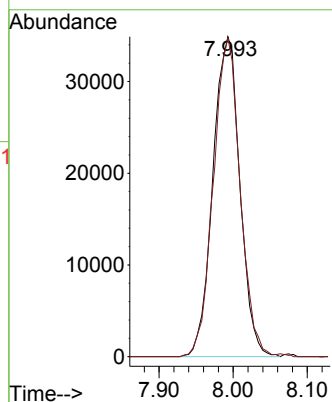
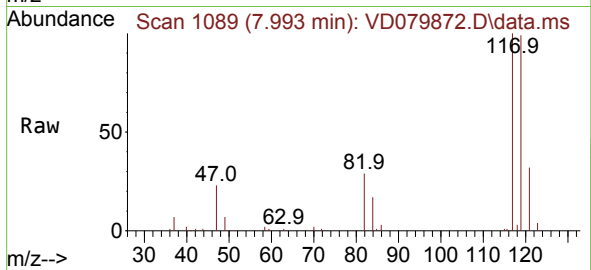




#31
Carbon tetrachloride
Concen: 23.645 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

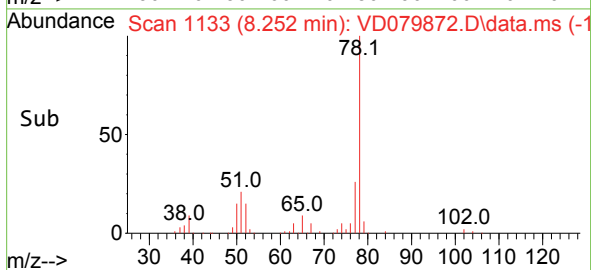
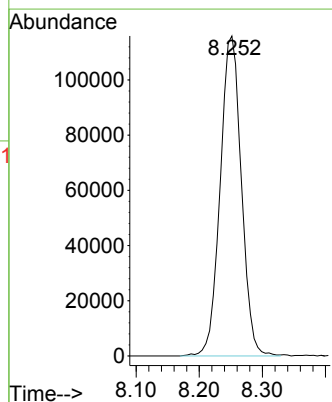
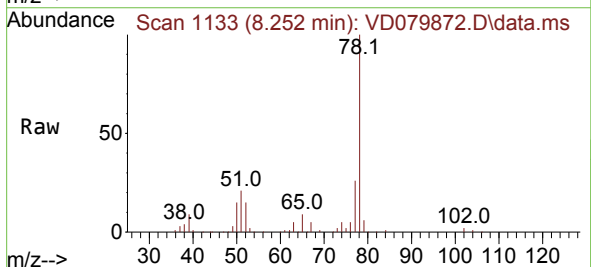
Instrument :
MSVOA_D
ClientSampleId :

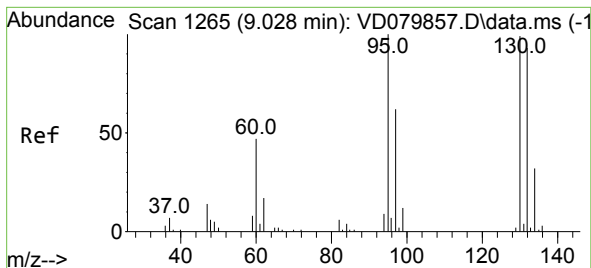
Tgt Ion:117 Resp: 88322
Ion Ratio Lower Upper
117 100
119 98.7 76.0 114.0



#33
Benzene
Concen: 23.416 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion: 78 Resp: 269684





#34

Trichloroethene

Concen: 23.275 ug/L

RT: 9.028 min Scan# 1

Delta R.T. 0.000 min

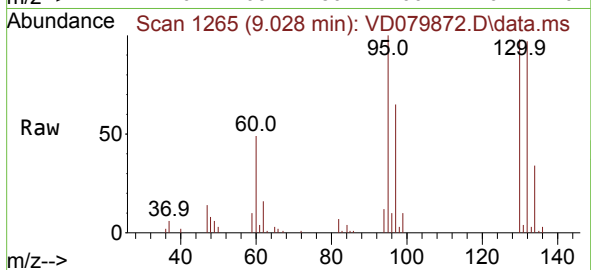
Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 61939

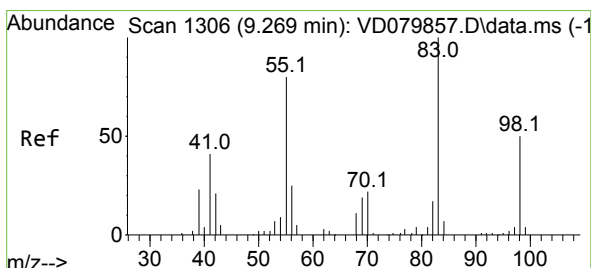
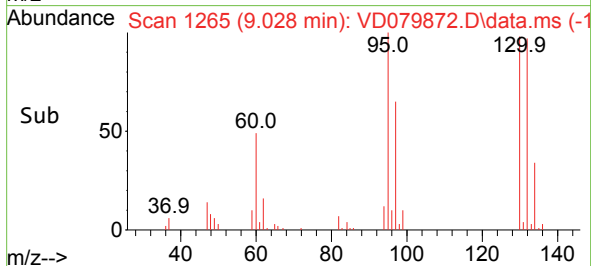
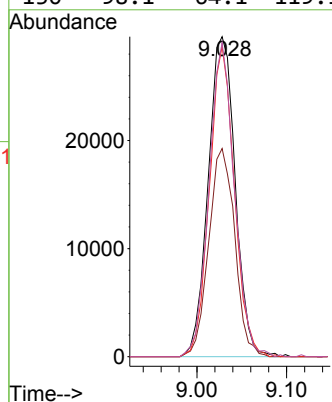
Ion Ratio Lower Upper

95 100

97 65.1 43.5 80.7

132 96.9 64.5 119.7

130 98.1 64.1 119.1



#35

Methylcyclohexane

Concen: 23.040 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

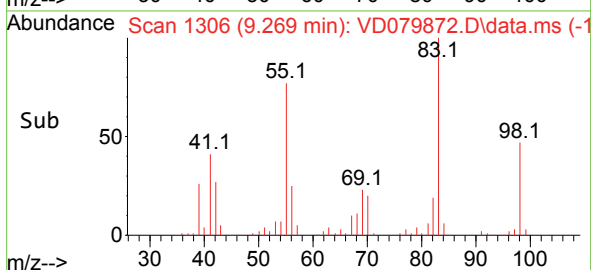
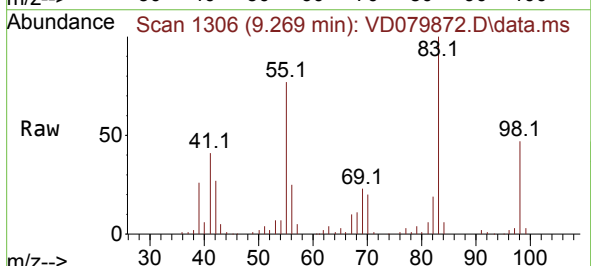
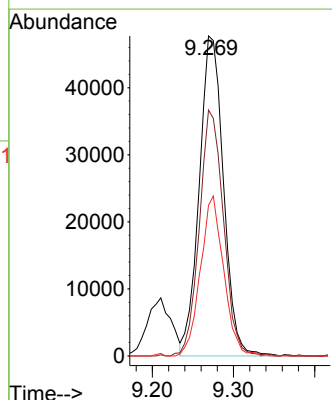
Tgt Ion: 83 Resp: 98946

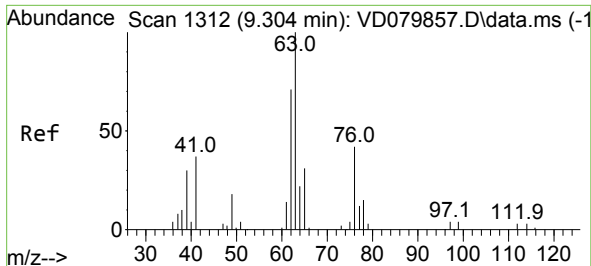
Ion Ratio Lower Upper

83 100

55 76.4 58.9 88.3

98 47.7 38.6 58.0

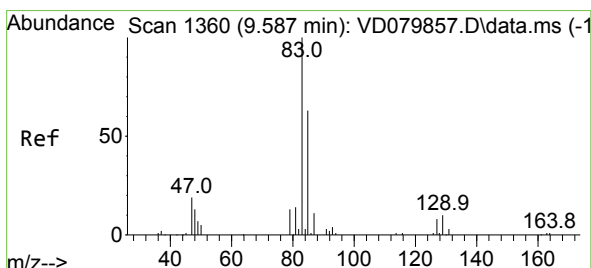
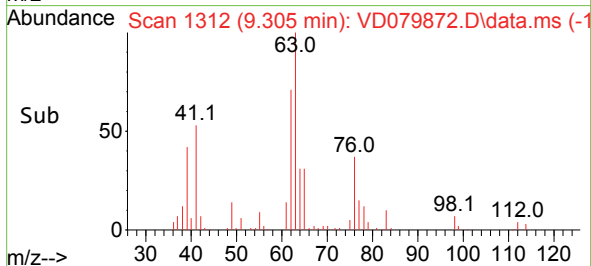
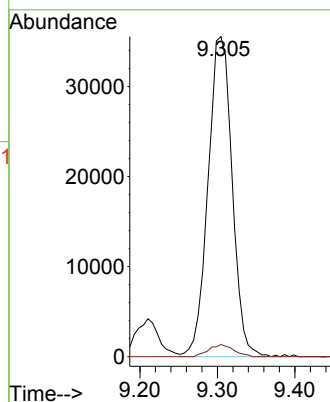
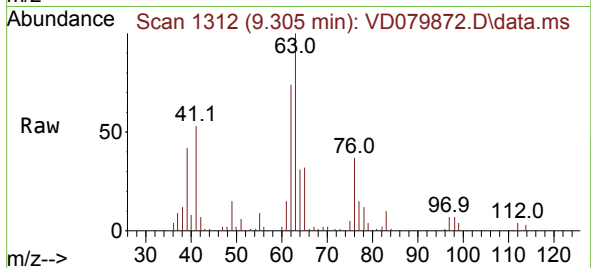




#37
1,2-Dichloropropane
Concen: 24.481 ug/L
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

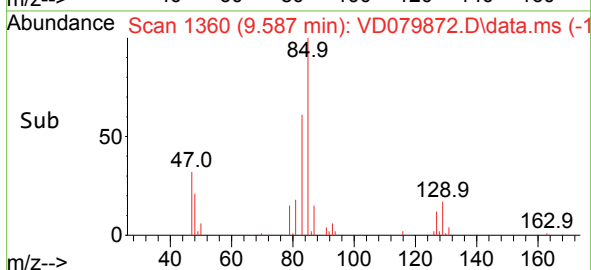
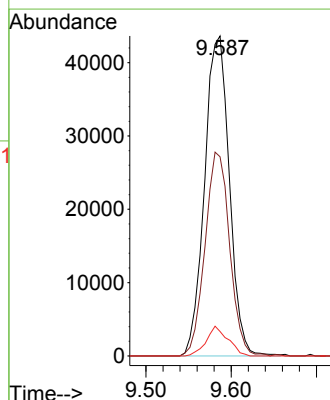
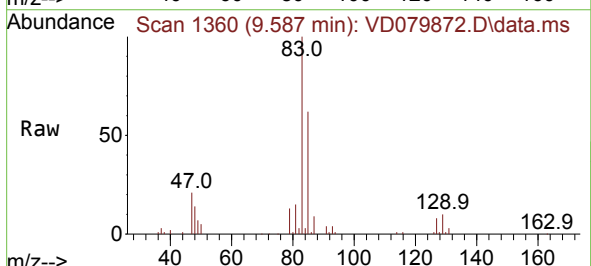
Instrument :
MSVOA_D
ClientSampleId :

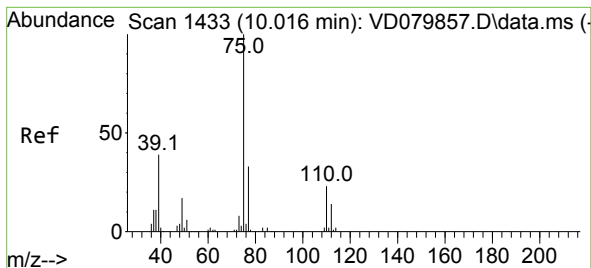
Tgt Ion: 63 Resp: 76890
Ion Ratio Lower Upper
63 100
112 3.9 0.0 0.0#



#38
Bromodichloromethane
Concen: 24.107 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion: 83 Resp: 88224
Ion Ratio Lower Upper
83 100
85 62.3 45.9 85.3
127 7.6 6.7 10.1

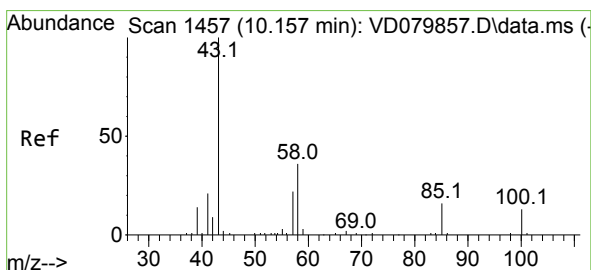
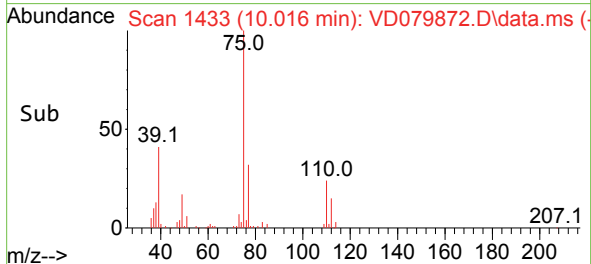
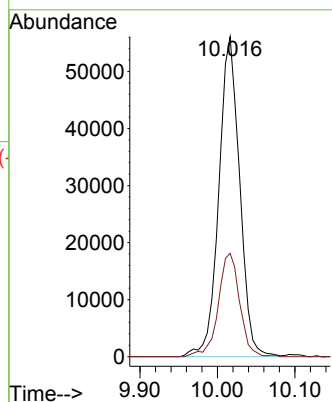
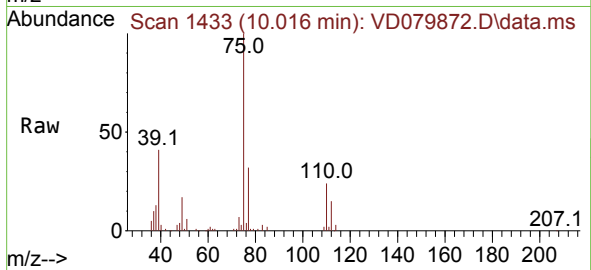




#39
 cis-1,3-Dichloropropene
 Concen: 23.816 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

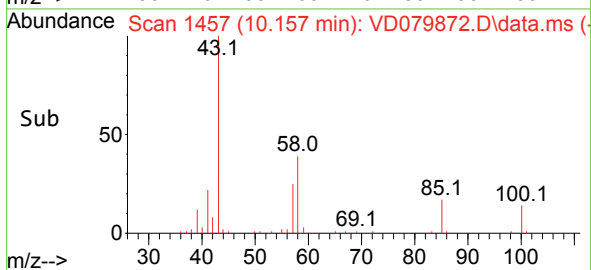
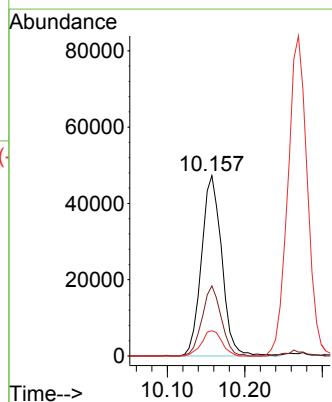
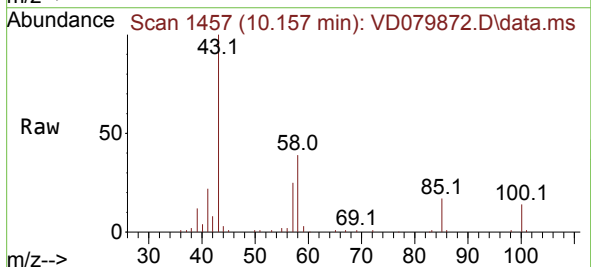
Instrument :
 MSVOA_D
 ClientSampleId :

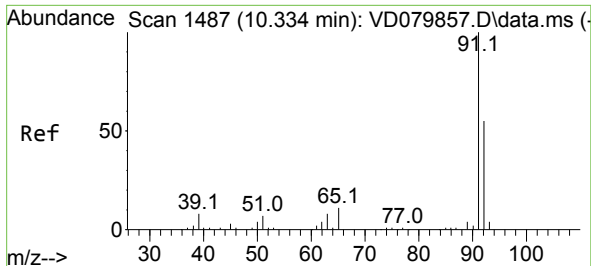
Tgt Ion: 75 Resp: 105041
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.1 44.8



#40
 4-Methyl-2-pentanone
 Concen: 52.332 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

Tgt Ion: 43 Resp: 86041
 Ion Ratio Lower Upper
 43 100
 58 36.7 31.1 46.7
 100 14.0 11.8 17.6





#42

Toluene

Concen: 24.113 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

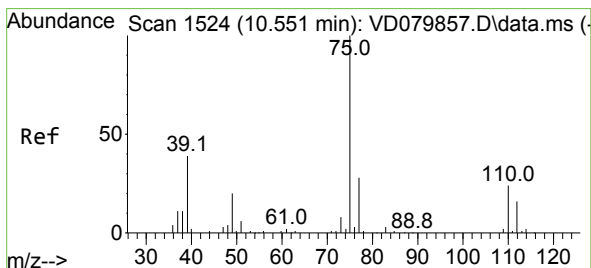
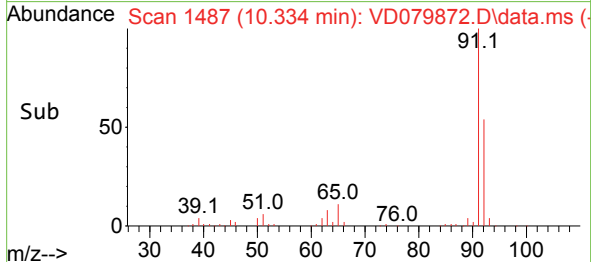
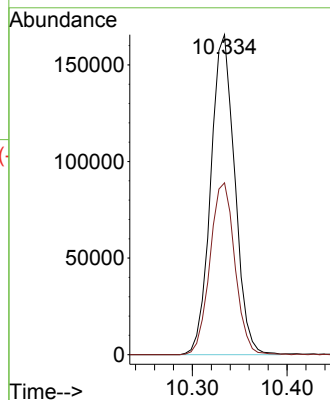
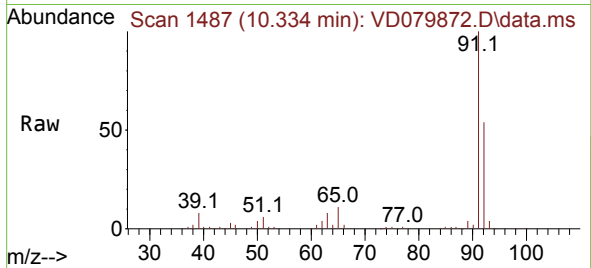
ClientSampleId :

Tgt Ion: 91 Resp: 292521

Ion Ratio Lower Upper

91 100

92 53.7 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.657 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079872.D

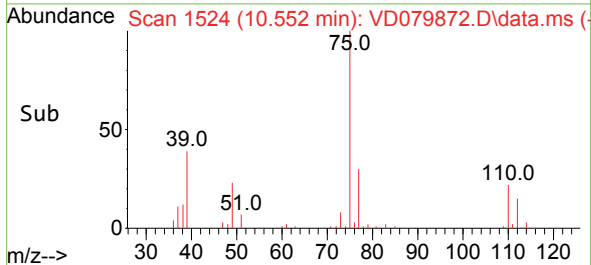
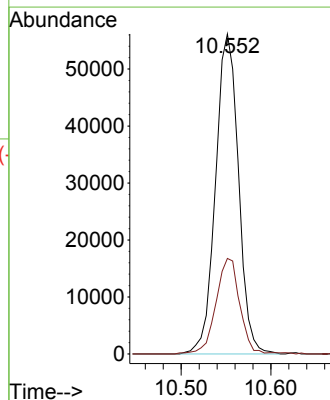
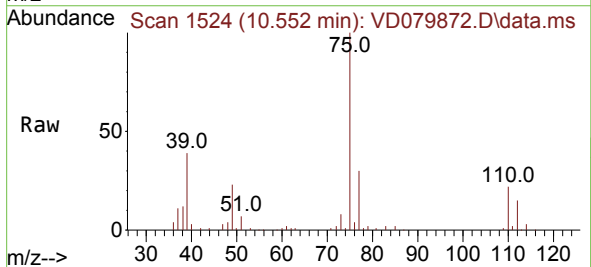
Acq: 24 Sep 2024 10:31

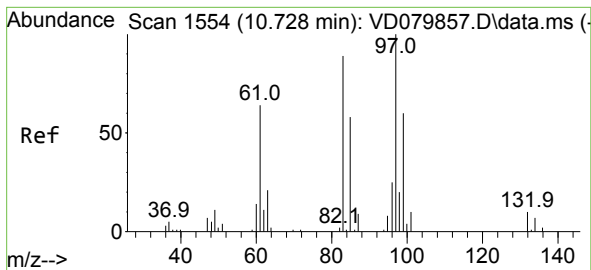
Tgt Ion: 75 Resp: 99730

Ion Ratio Lower Upper

75 100

77 29.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.500 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 52574

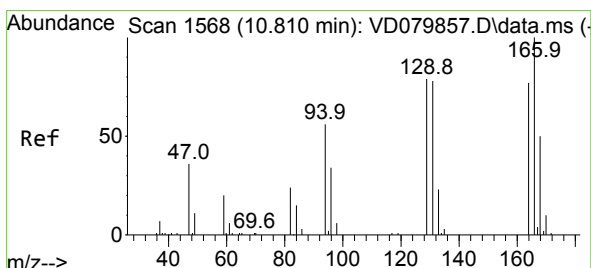
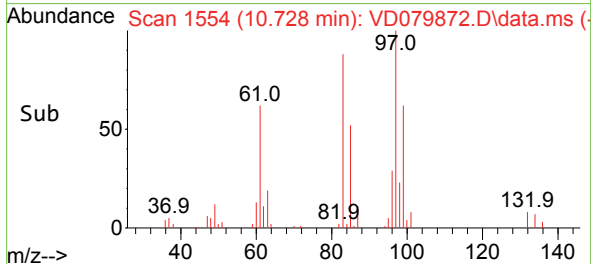
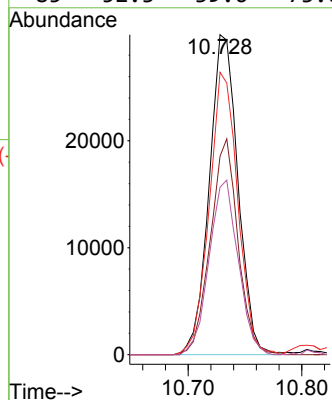
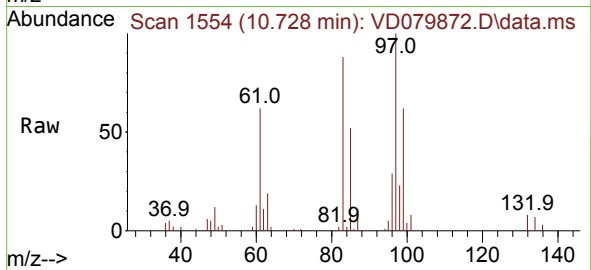
Ion Ratio Lower Upper

97 100

99 62.0 45.1 83.7

83 88.2 65.2 121.0

85 52.3 39.6 73.6



#46

Tetrachloroethene

Concen: 22.440 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Tgt Ion: 164 Resp: 40542

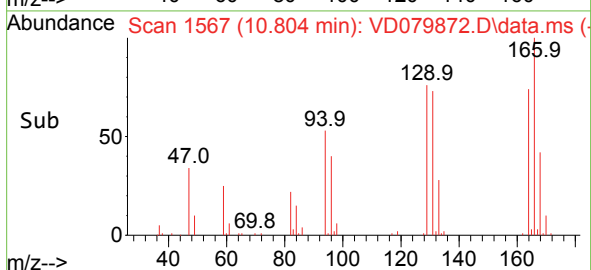
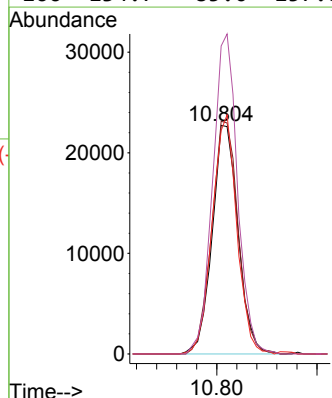
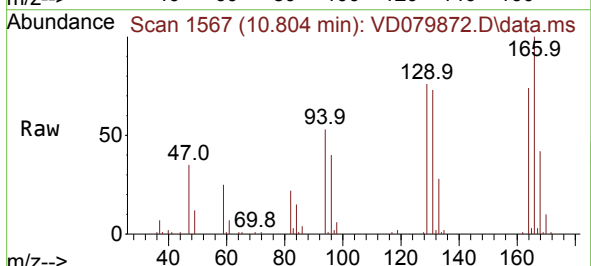
Ion Ratio Lower Upper

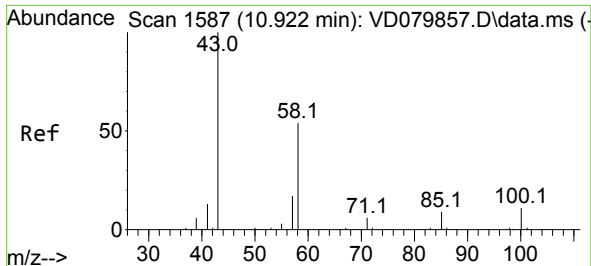
164 100

129 101.8 68.7 127.5

131 97.8 62.5 116.1

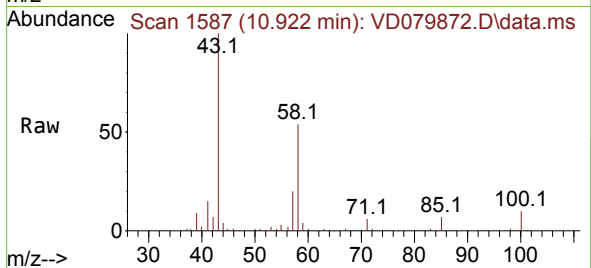
166 134.7 85.0 157.8



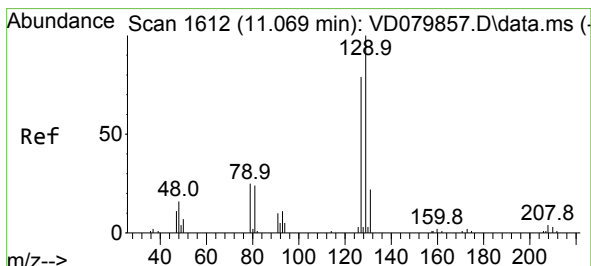
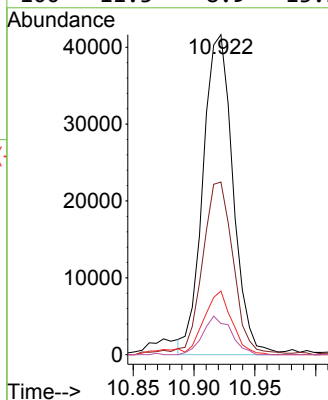
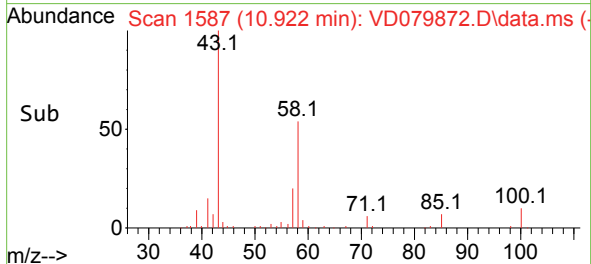


#48
2-Hexanone
Concen: 53.557 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

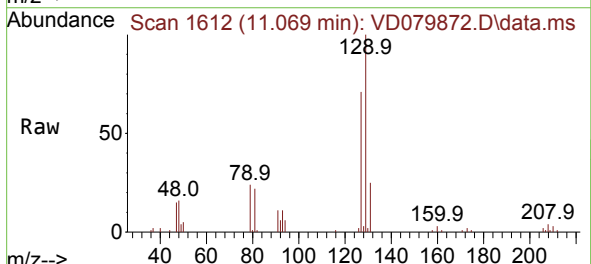
Instrument :
MSVOA_D
ClientSampleId :



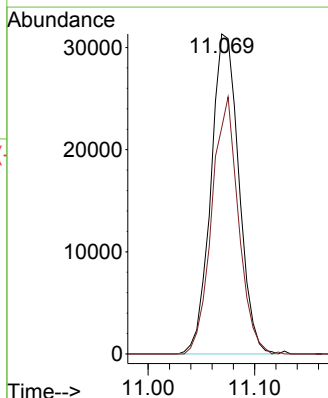
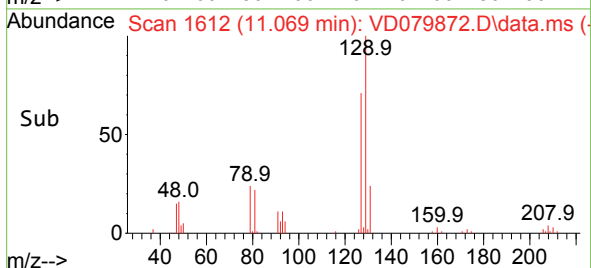
Tgt Ion: 43 Resp: 71625
Ion Ratio Lower Upper
43 100
58 54.9 44.7 67.1
57 18.3 13.6 20.4
100 11.3 8.9 13.3

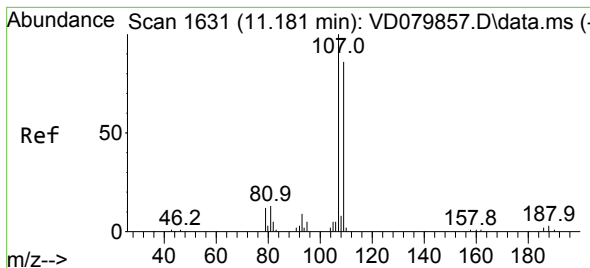


#49
Dibromochloromethane
Concen: 24.360 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31



Tgt Ion: 129 Resp: 57056
Ion Ratio Lower Upper
129 100
127 70.7 55.2 102.6





#50

1,2-Dibromoethane

Concen: 24.296 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079872.D

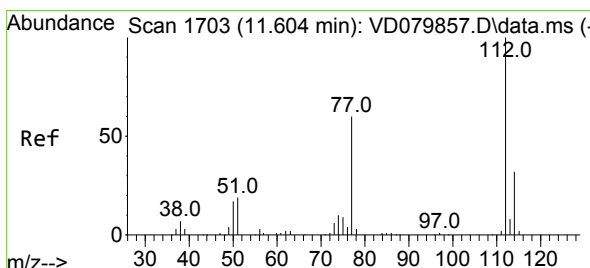
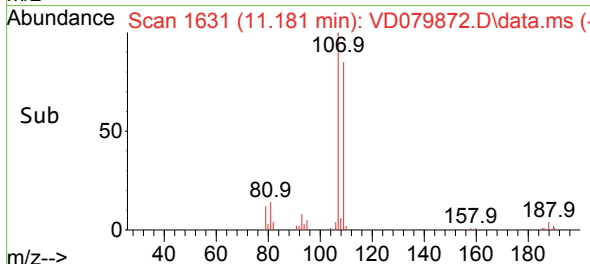
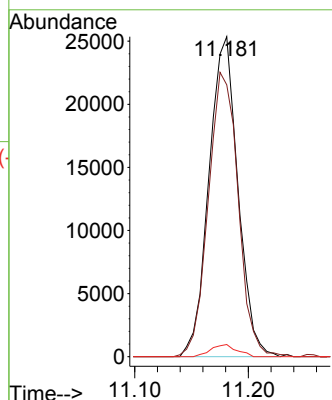
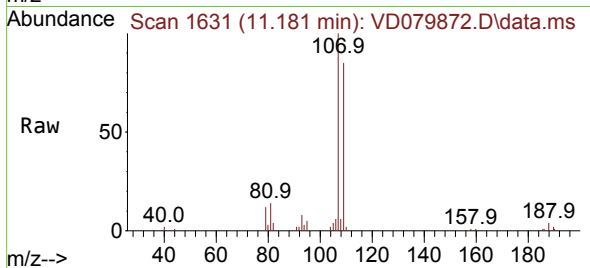
Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	107	Resp:	45031
Ion Ratio	Lower	Upper	
107	100		
109	85.0	61.5	114.1
188	3.8	2.3	3.5#



#51

Chlorobenzene

Concen: 23.626 ug/L

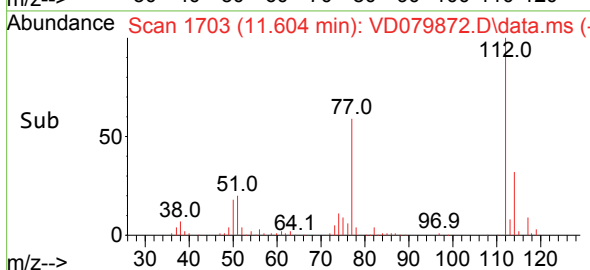
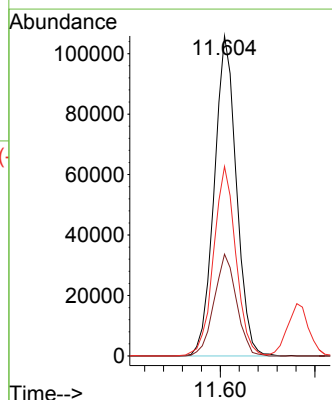
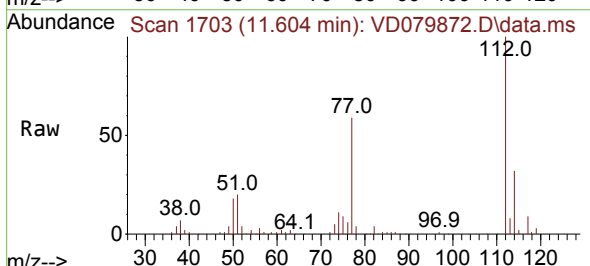
RT: 11.604 min Scan# 1703

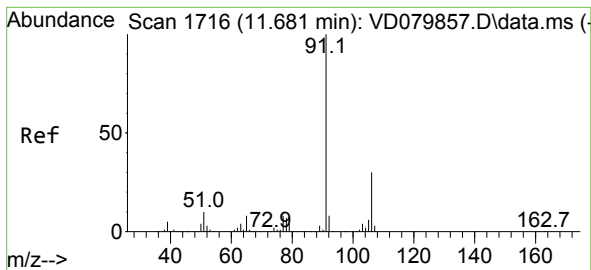
Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Tgt Ion:	112	Resp:	172010
Ion Ratio	Lower	Upper	
112	100		
114	31.8	22.0	41.0
77	59.2	46.7	70.1

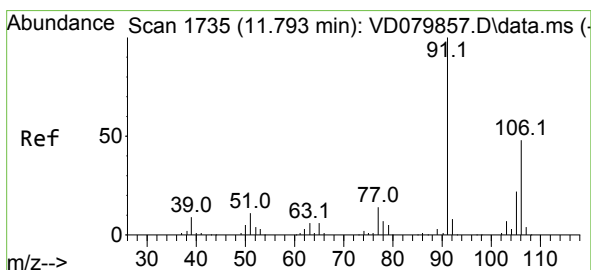
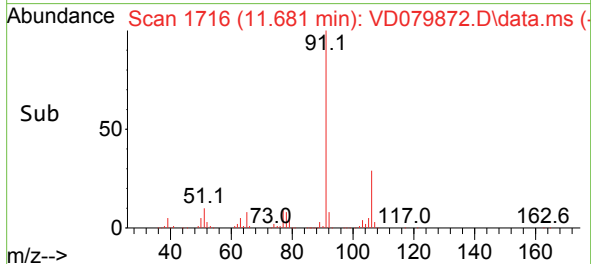
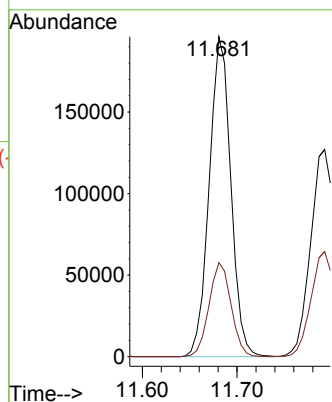
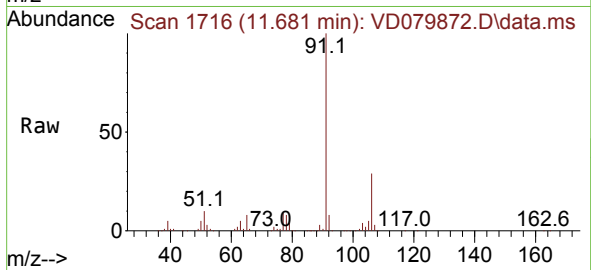




#52
Ethylbenzene
Concen: 24.408 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

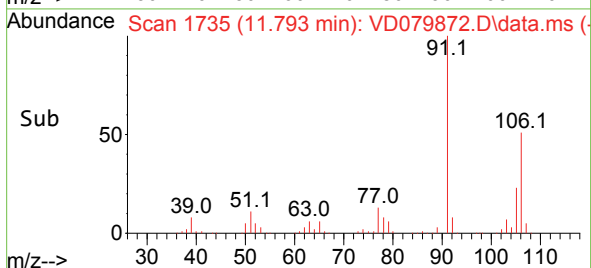
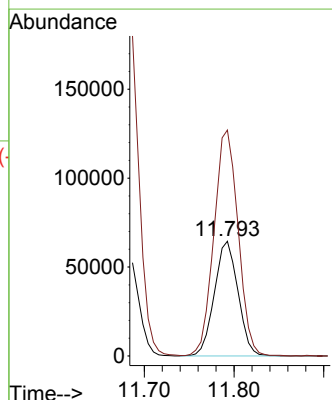
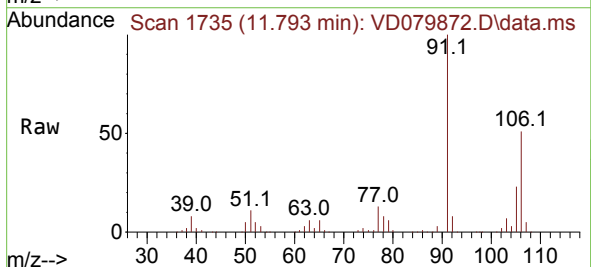
Instrument :
MSVOA_D
ClientSampleId :

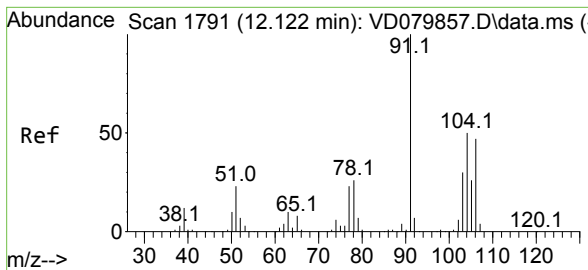
Tgt Ion: 91 Resp: 311061
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.5



#53
m,p-Xylene
Concen: 24.405 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:106 Resp: 117803
Ion Ratio Lower Upper
106 100
91 197.0 138.3 256.9

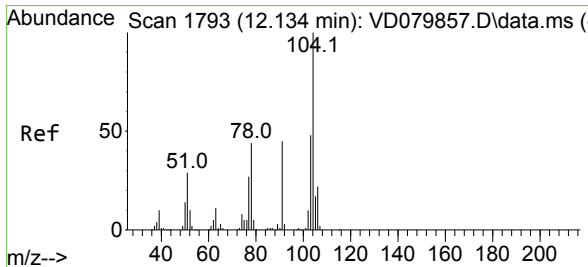
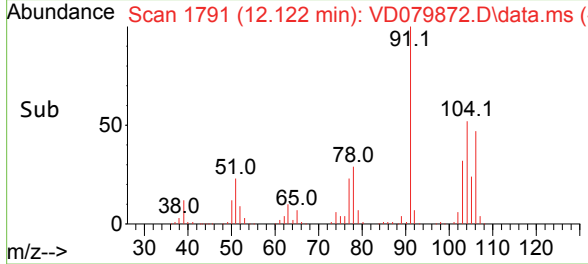
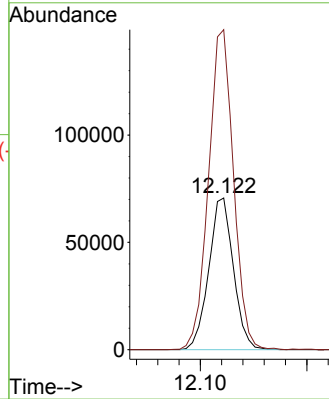
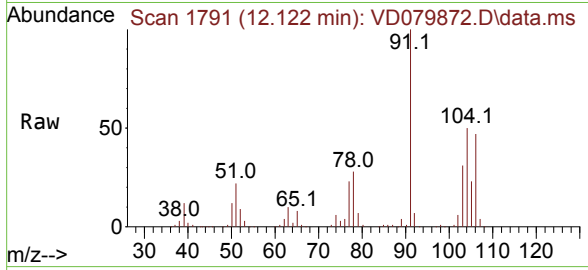




#54
o-Xylene
Concen: 23.954 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

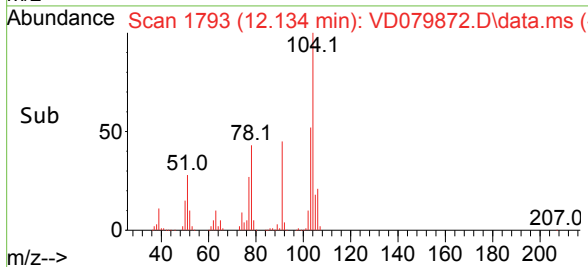
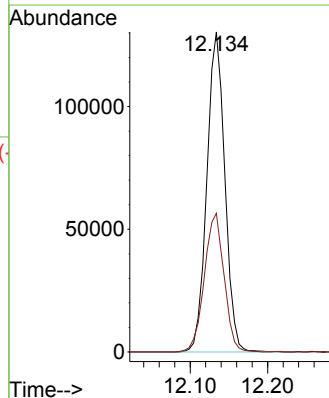
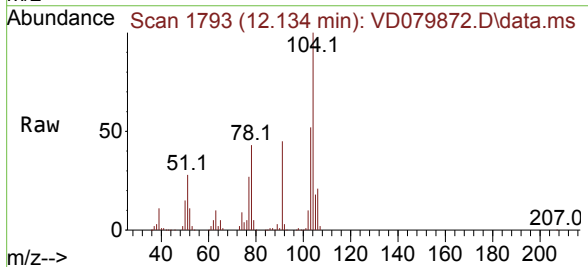
Instrument :
MSVOA_D
ClientSampleId :

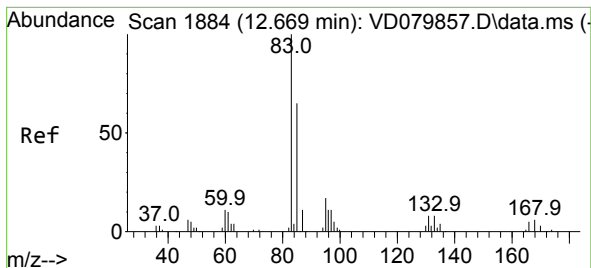
Tgt Ion:106 Resp: 113372
Ion Ratio Lower Upper
106 100
91 210.9 152.6 283.4



#55
Styrene
Concen: 25.302 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:104 Resp: 210463
Ion Ratio Lower Upper
104 100
78 43.3 30.7 57.1

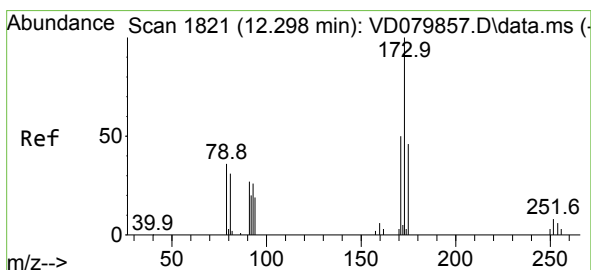
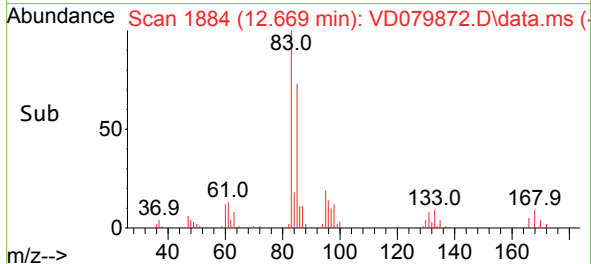
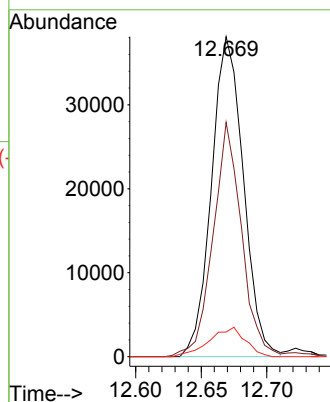
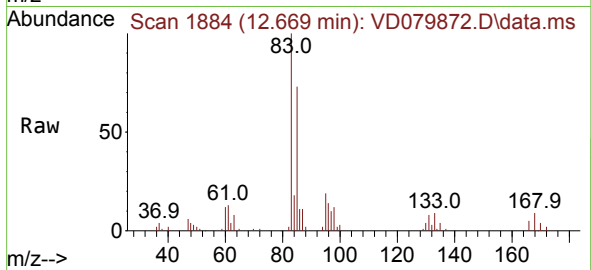




#57
1,1,2,2-Tetrachloroethane
Concen: 25.629 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

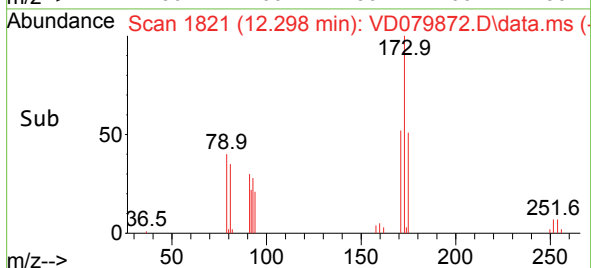
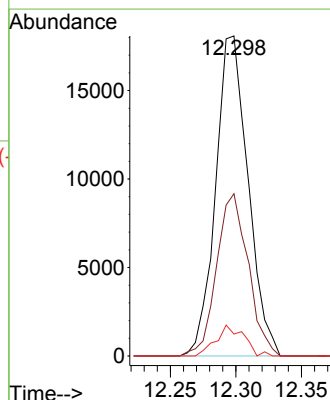
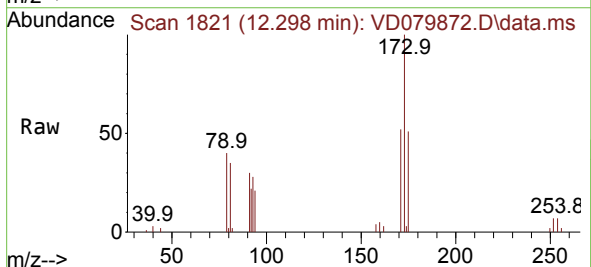
Instrument :
MSVOA_D
ClientSampleId :

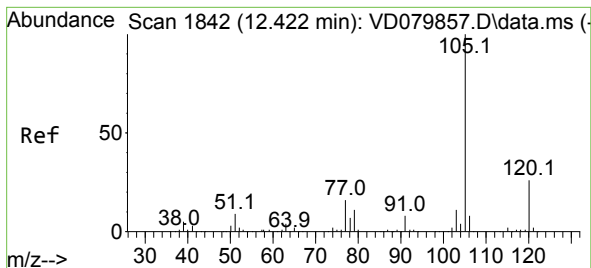
Tgt Ion: 83 Resp: 64464
Ion Ratio Lower Upper
83 100
85 73.2 46.8 87.0
131 7.7 6.5 9.7



#59
Bromoform
Concen: 24.378 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:173 Resp: 31090
Ion Ratio Lower Upper
173 100
175 49.3 39.2 58.8
254 8.0 5.5 8.3





#60

Isopropylbenzene

Concen: 24.378 ug/L

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

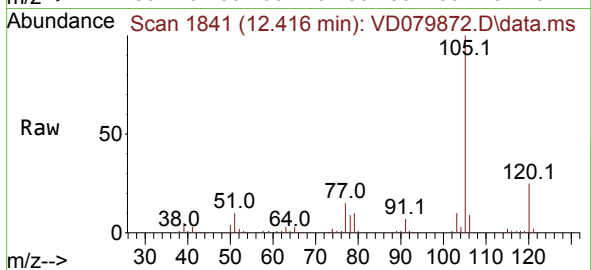
Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

Instrument :

MSVOA_D

ClientSampleId :



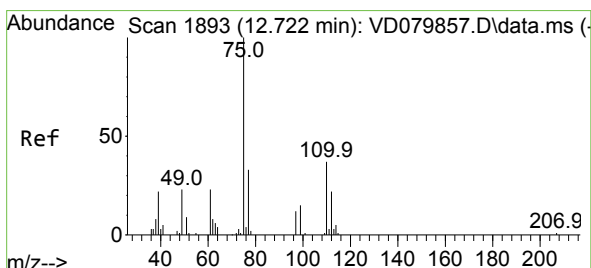
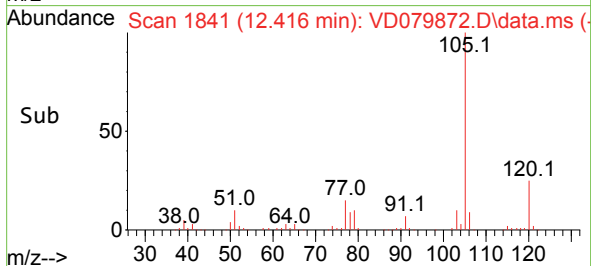
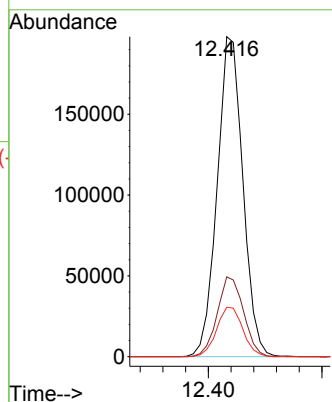
Tgt Ion:105 Resp: 310950

Ion Ratio Lower Upper

105 100

120 25.5 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.929 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079872.D

Acq: 24 Sep 2024 10:31

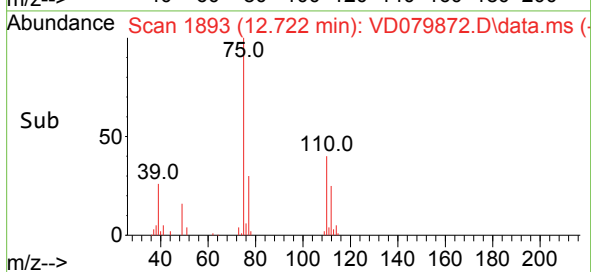
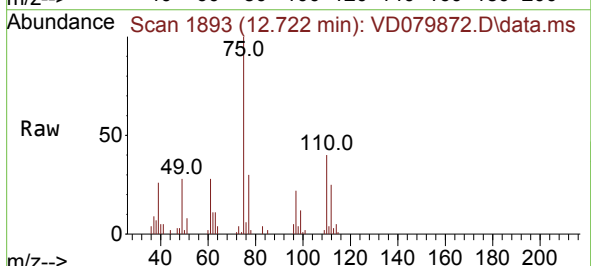
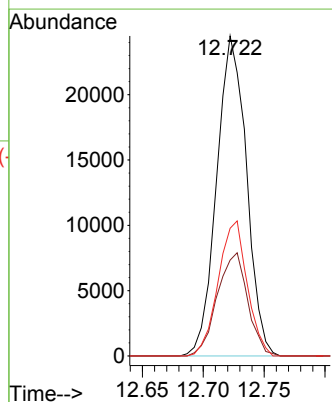
Tgt Ion: 75 Resp: 41639

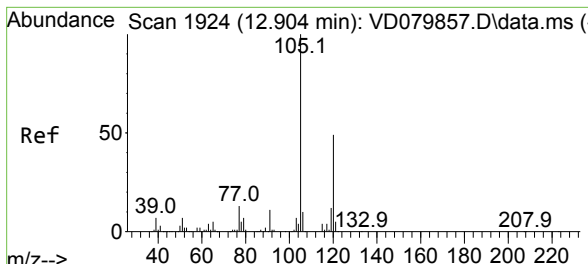
Ion Ratio Lower Upper

75 100

77 33.0 25.1 37.7

110 41.1 30.1 45.1

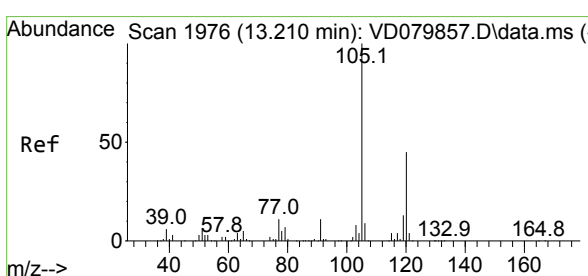
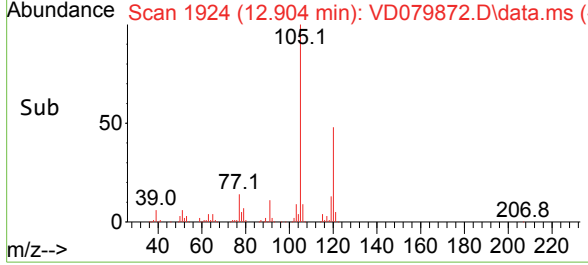
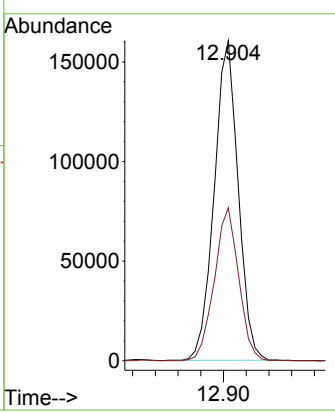
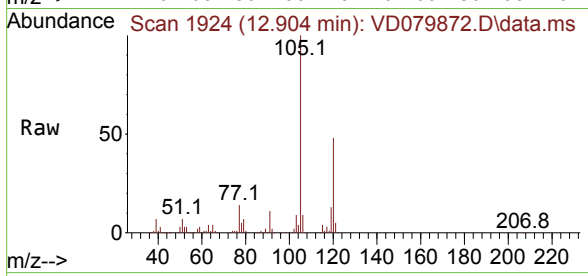




#62
 1,3,5-Trimethylbenzene
 Concen: 25.180 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

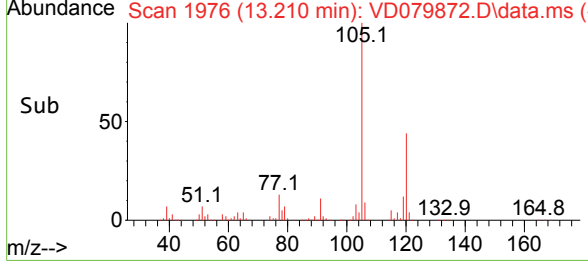
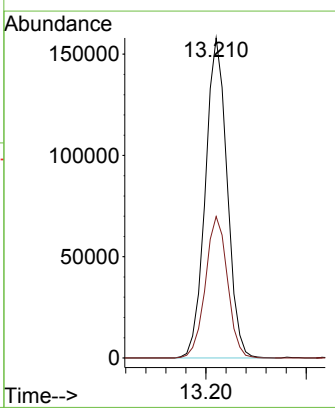
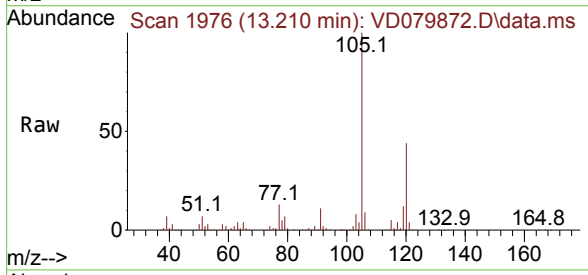
Instrument :
 MSVOA_D
 ClientSampleId :

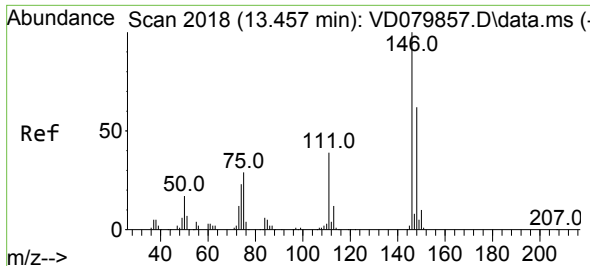
Tgt Ion:105 Resp: 234885
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 24.323 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

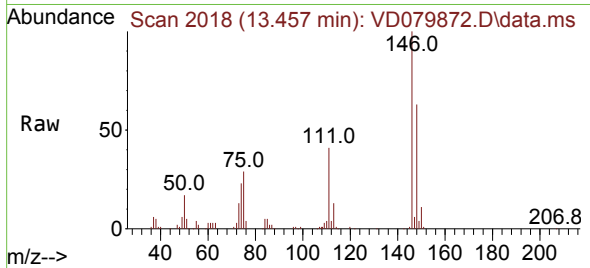
Tgt Ion:105 Resp: 237938
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.3 54.5



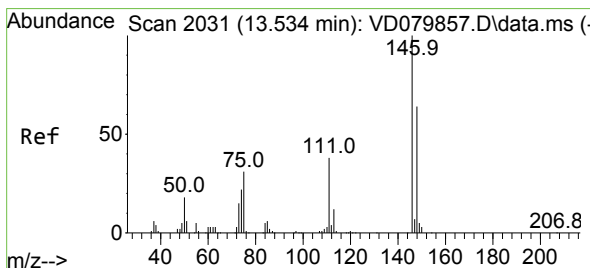
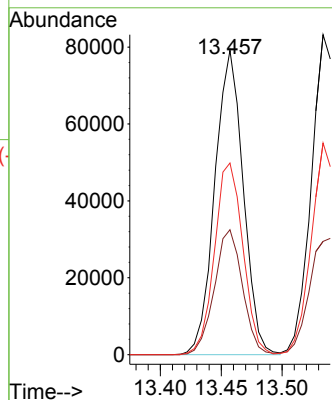
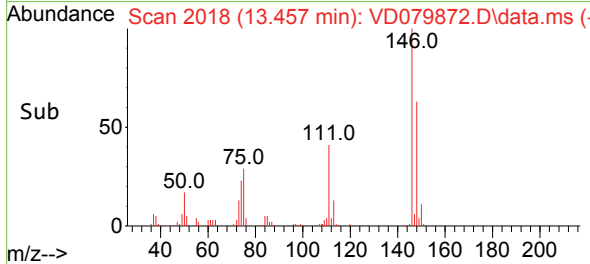


#64
1,3-Dichlorobenzene
Concen: 24.384 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

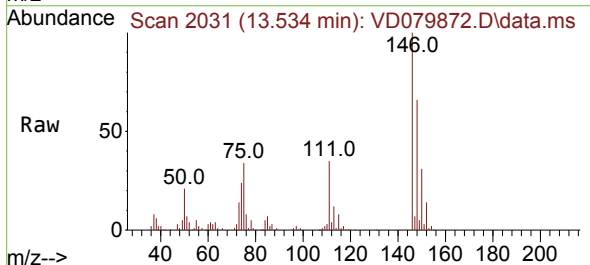
Instrument :
MSVOA_D
ClientSampleId :



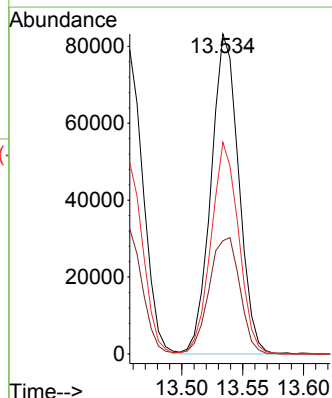
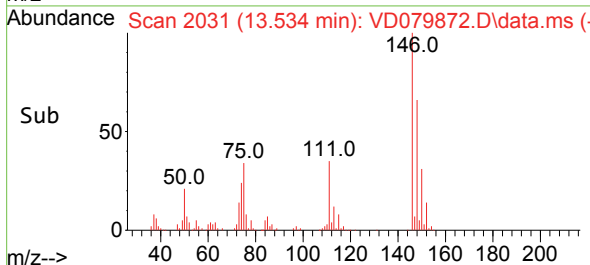
Tgt Ion:146 Resp: 128531
Ion Ratio Lower Upper
146 100
111 41.0 27.4 50.8
148 63.0 45.6 84.8

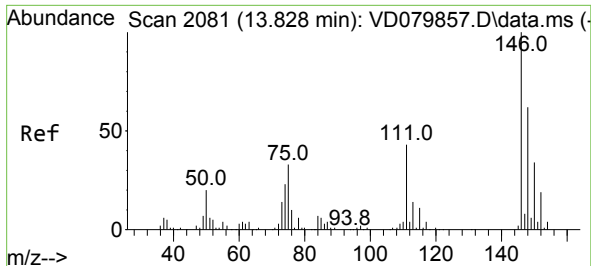


#65
1,4-Dichlorobenzene
Concen: 23.830 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31



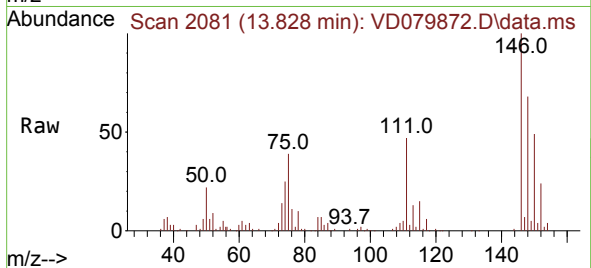
Tgt Ion:146 Resp: 131754
Ion Ratio Lower Upper
146 100
111 35.4 27.6 51.4
148 66.1 46.1 85.7



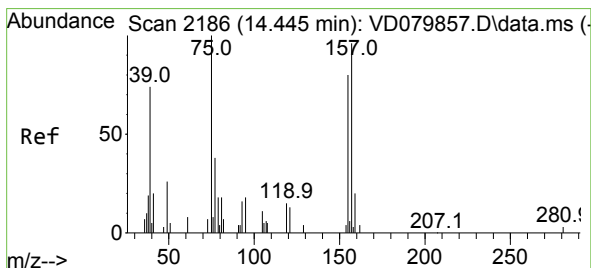
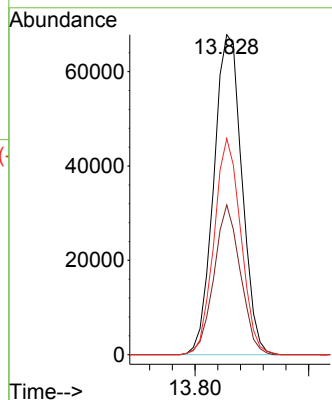
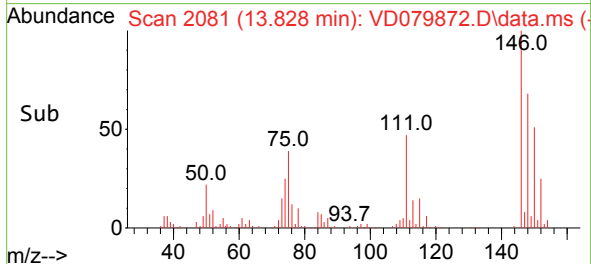


#67
1,2-Dichlorobenzene
Concen: 24.543 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

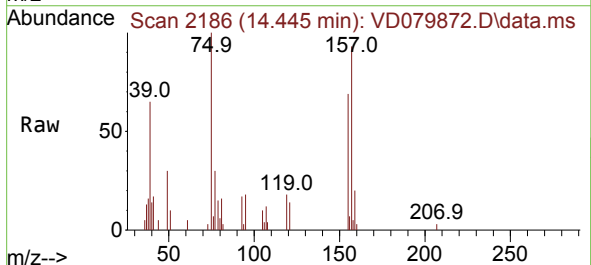
Instrument :
MSVOA_D
ClientSampleId :



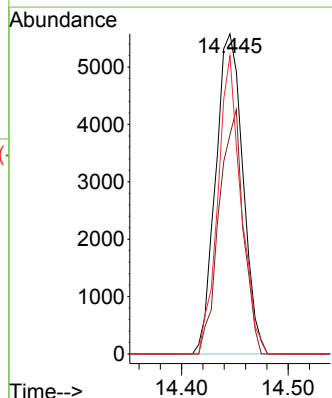
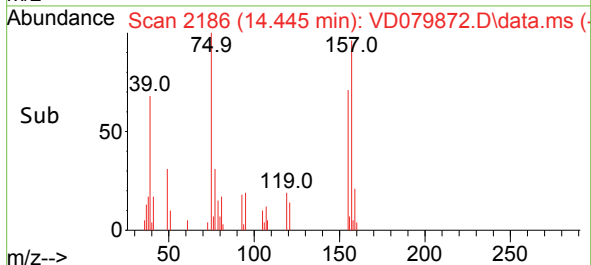
Tgt Ion:146 Resp: 116930
Ion Ratio Lower Upper
146 100
111 46.8 36.9 55.3
148 67.6 51.8 77.8

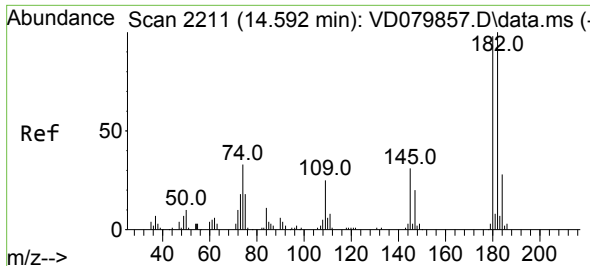


#68
1,2-Dibromo-3-chloropropane
Concen: 26.639 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31



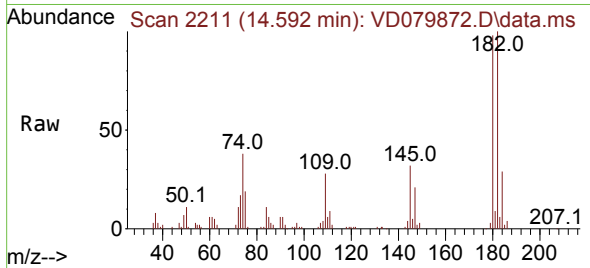
Tgt Ion: 75 Resp: 9898
Ion Ratio Lower Upper
75 100
155 68.5 57.2 85.8
157 93.2 59.7 89.5#



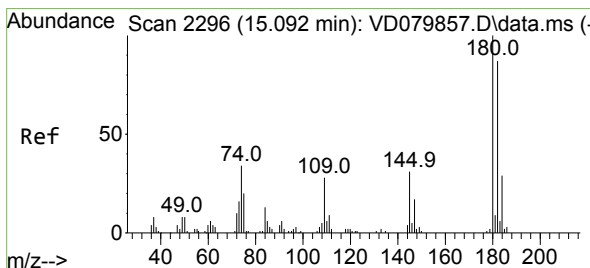
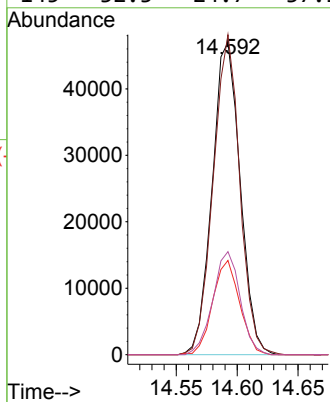
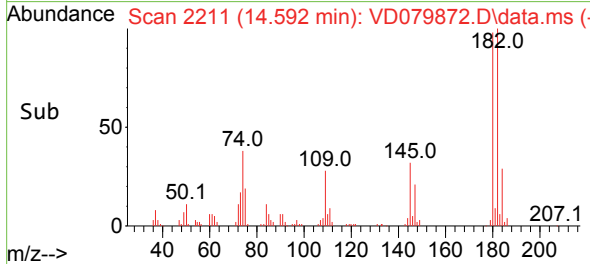


#69
 1,3,5-Trichlorobenzene
 Concen: 23.507 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31

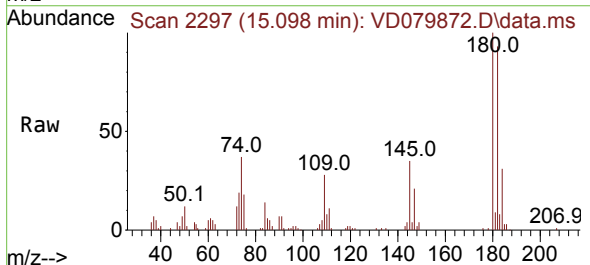
Instrument :
 MSVOA_D
 ClientSampleId :



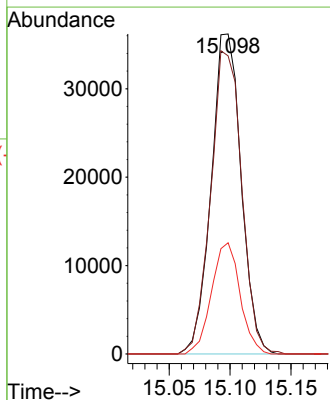
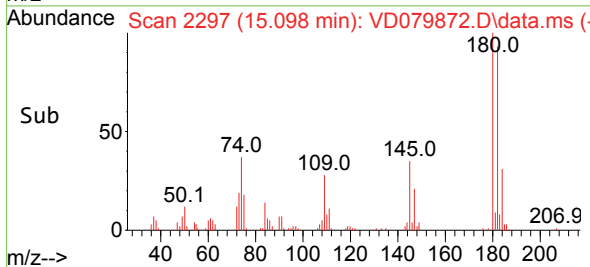
Tgt Ion:180	Resp:	75131
Ion Ratio	Lower	Upper
180	100	
182	97.1	72.6 109.0
184	29.1	24.2 36.2
145	32.3	24.7 37.1

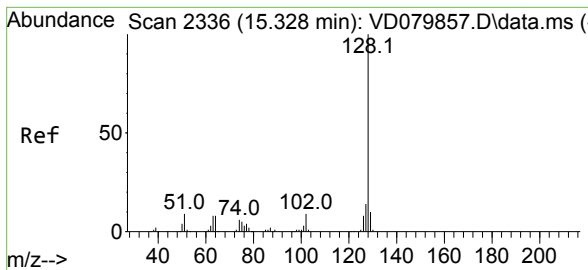


#70
 1,2,4-trichlorobenzene
 Concen: 23.051 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD079872.D
 Acq: 24 Sep 2024 10:31



Tgt Ion:180	Resp:	62030
Ion Ratio	Lower	Upper
180	100	
182	97.5	75.9 113.9
145	33.1	26.6 40.0

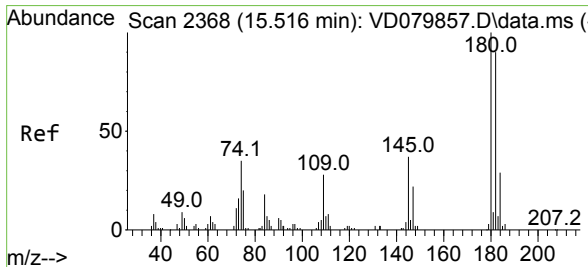
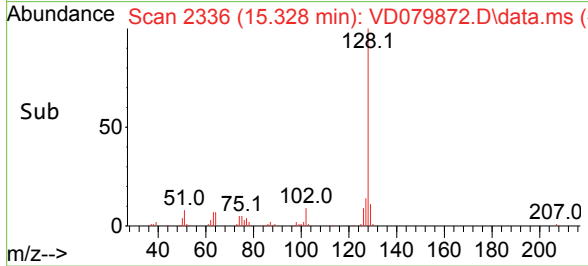
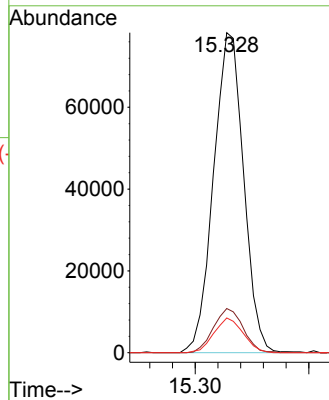
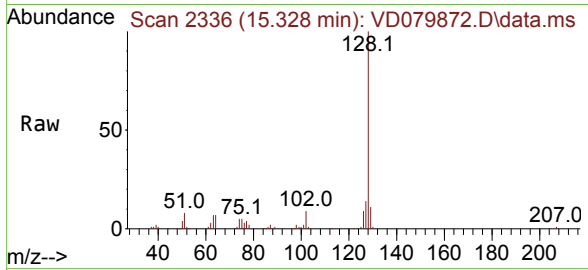




#71
Naphthalene
Concen: 23.920 ug/L
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	143770
Ion Ratio	Lower	Upper	
128	100		
127	13.6	11.2	16.8
129	10.5	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.947 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079872.D
Acq: 24 Sep 2024 10:31

Tgt Ion:	180	Resp:	60050
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.1	111.1
145	34.0	26.4	39.6

