

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079115.D
 Acq On : 03 Jun 2024 09:10
 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 04 05:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	237098	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	118633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	160038	21.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
7) Chloroethane-d5	2.805	69	145014	20.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	3.916	65	28013	21.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	6.981	46	26212	46.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.940%
24) Chloroform-d	7.569	84	142417	21.483	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	8.228	65	68184	22.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	8.199	84	292091	22.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	9.210	67	78363	21.202	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	10.269	98	282536	23.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.528	79	35827	23.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.875	63	24214	50.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75847	23.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	91128	22.258	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91698	24.432	ug/L	100
3) Chloromethane	2.146	50	116822	23.353	ug/L	100
5) Vinyl chloride	2.287	62	220295	26.681	ug/L	95
6) Bromomethane	2.693	94	146506	22.984	ug/L	99
8) Chloroethane	2.840	64	146897	24.274	ug/L	91
9) Trichlorofluoromethane	3.175	101	152619	24.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	97436	25.834	ug/L	98
12) 1,1-Dichloroethene	3.940	96	83581	25.454	ug/L	94
13) Acetone	4.016	43	46921	58.075	ug/L	100
14) Carbon disulfide	4.269	76	286804	25.038	ug/L	97
15) Methyl Acetate	4.564	43	29596	26.886	ug/L	96
16) Methylene chloride	4.793	84	96510	22.844	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	92061	25.943	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	173107	27.505	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	146590	25.658	ug/L	94
20) cis-1,2-Dichloroethene	7.081	96	99287	26.871	ug/L	98
22) 2-Butanone	7.081	43	48020	56.578	ug/L	97
23) Bromochloromethane	7.428	128	49147	26.235	ug/L	96
25) Chloroform	7.593	83	170401	26.270	ug/L	94

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 Response via : Initial Calibration

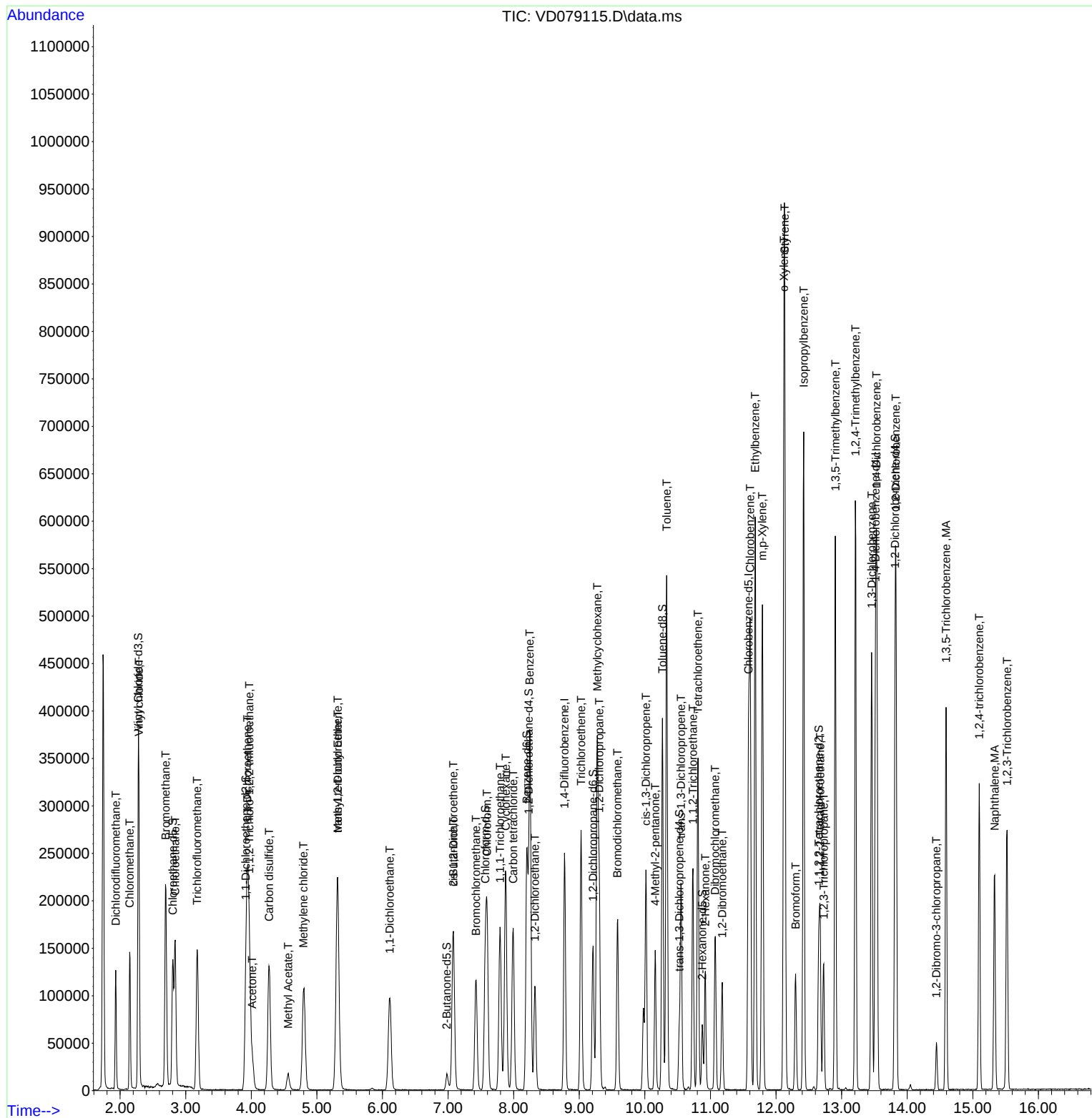
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	98970	26.284	ug/L	99
29) Cyclohexane	7.881	56	121630	29.126	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	143289	26.149	ug/L	99
31) Carbon tetrachloride	7.993	117	135645	26.638	ug/L	95
33) Benzene	8.246	78	379599	27.537	ug/L	100
34) Trichloroethene	9.028	95	96492	27.177	ug/L	94
35) Methylcyclohexane	9.275	83	165615	28.151	ug/L	99
37) 1,2-Dichloropropane	9.304	63	93582	27.715	ug/L	98
38) Bromodichloromethane	9.581	83	123870	26.389	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	142090	26.957	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	84409	59.884	ug/L	95
42) Toluene	10.334	91	428622	28.001	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	125783	28.220	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	78679	26.560	ug/L	98
46) Tetrachloroethene	10.810	164	82573	26.413	ug/L	98
48) 2-Hexanone	10.922	43	72208	59.202	ug/L	95
49) Dibromochloromethane	11.069	129	91521	26.090	ug/L	94
50) 1,2-Dibromoethane	11.181	107	73093	26.849	ug/L #	97
51) Chlorobenzene	11.604	112	275561	27.055	ug/L	98
52) Ethylbenzene	11.681	91	451433	28.273	ug/L	98
53) m,p-Xylene	11.793	106	177012	28.256	ug/L	98
54) o-Xylene	12.122	106	173432	28.655	ug/L	99
55) Styrene	12.134	104	310279	28.913	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	90529	27.302	ug/L	94
59) Bromoform	12.298	173	57429	26.413	ug/L	100
60) Isopropylbenzene	12.422	105	452837	28.868	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	56900	27.167	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	310789	28.977	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	338963	29.548	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	207262	27.504	ug/L	99
65) 1,4-Dichlorobenzene	13.534	146	215243	26.957	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	188366	27.039	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11571	26.874	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	128909	27.123	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	105513	26.731	ug/L	98
71) Naphthalene	15.334	128	210062	28.456	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	100109	29.344	ug/L	97

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

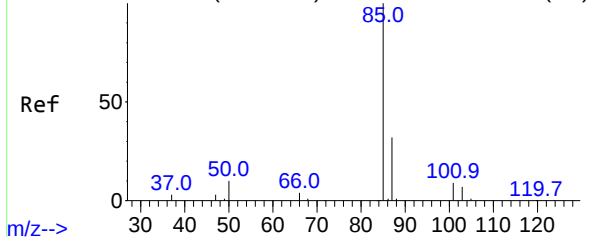
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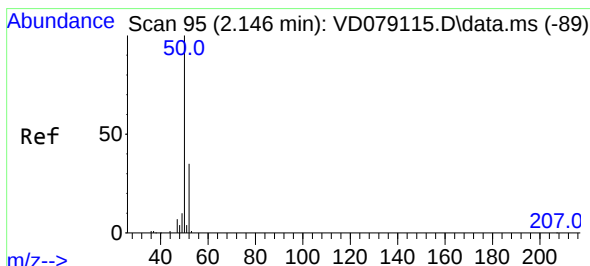
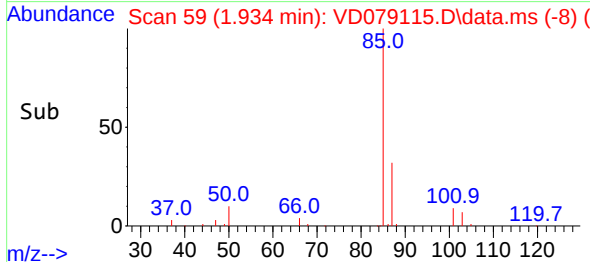
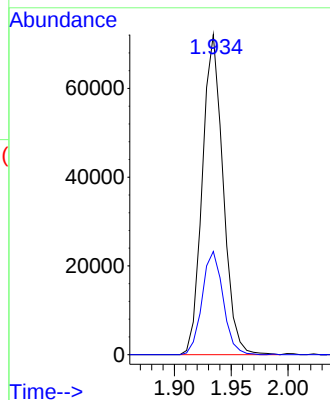
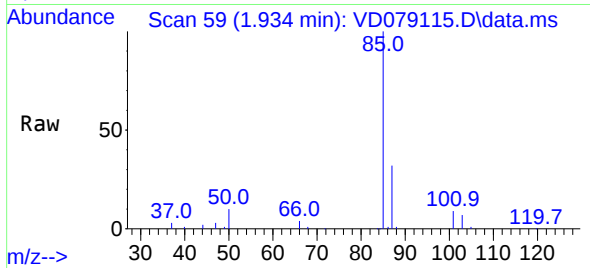
Abundance Scan 59 (1.934 min): VD079115.D\data.ms (-54)



#2
Dichlorodifluoromethane
Concen: 24.432 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

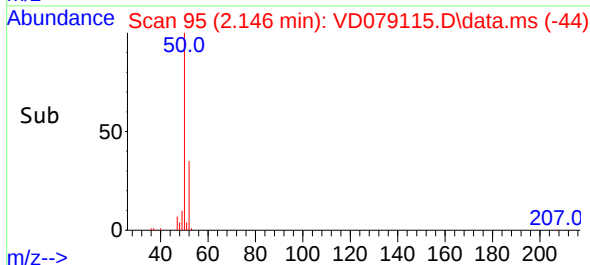
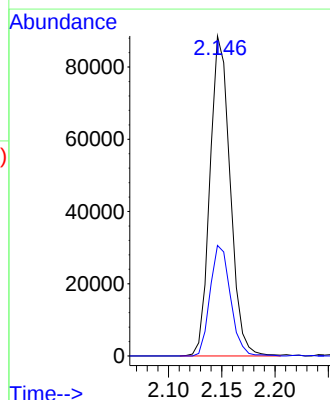
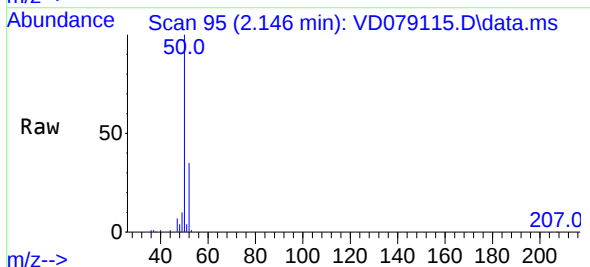
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ClientSampleId :

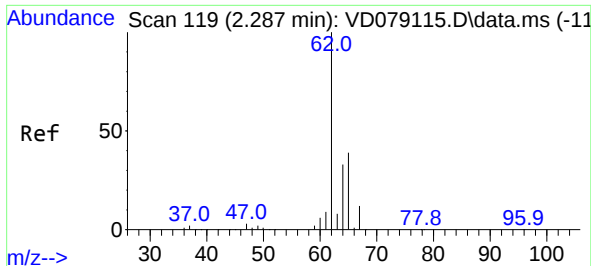
Tgt Ion: 85 Resp: 91698
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 23.353 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 50 Resp: 116822
Ion Ratio Lower Upper
50 100
52 34.5 24.4 45.2

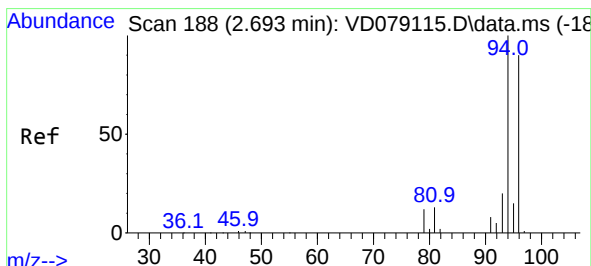
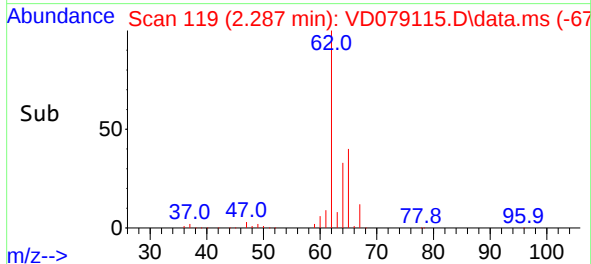
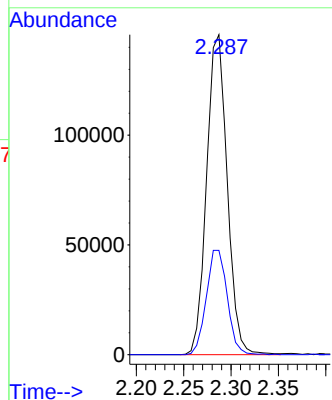
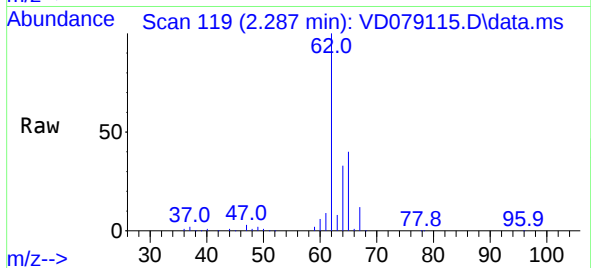




#5
Vinyl chloride
Concen: 26.681 ug/L
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

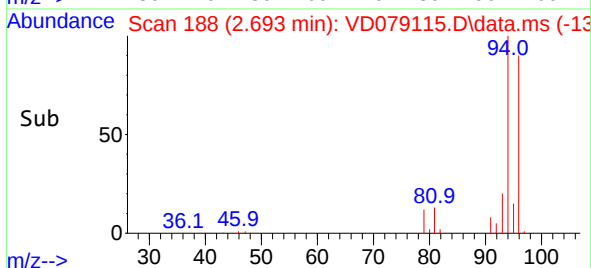
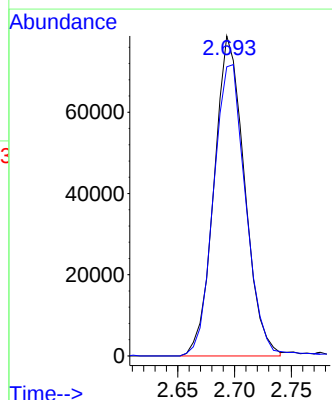
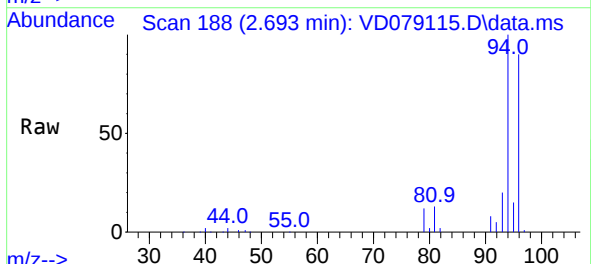
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ClientSampleId :

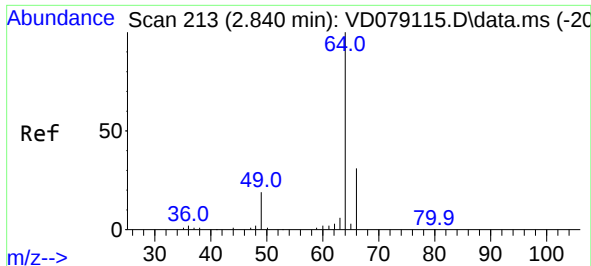
Tgt Ion: 62 Resp: 220295
Ion Ratio Lower Upper
62 100
64 32.6 24.8 46.1



#6
Bromomethane
Concen: 22.984 ug/L
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 94 Resp: 146506
Ion Ratio Lower Upper
94 100
96 90.3 63.6 118.2

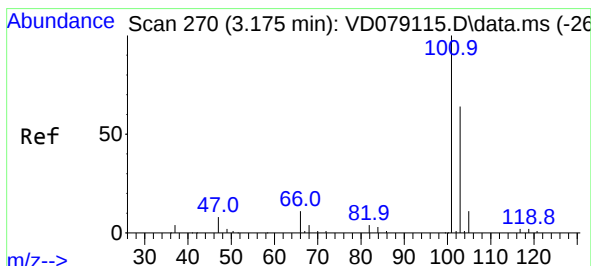
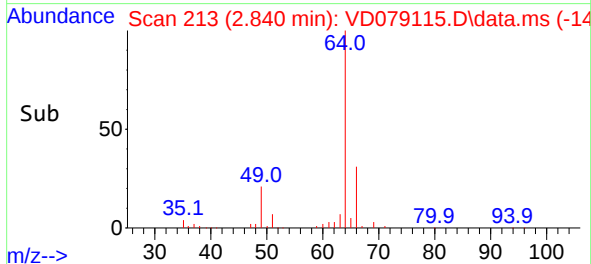
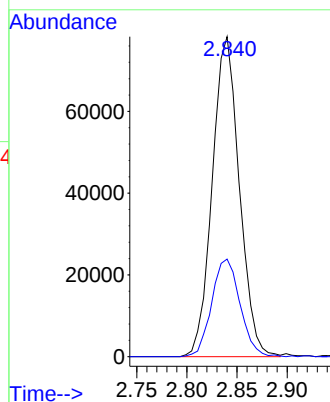
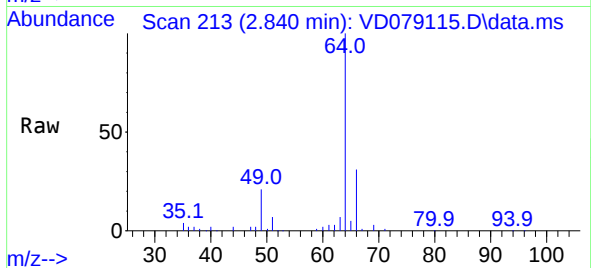




#8
Chloroethane
Concen: 24.274 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

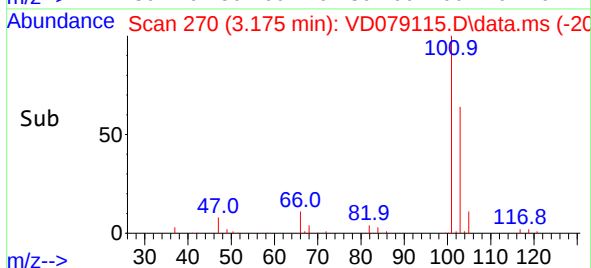
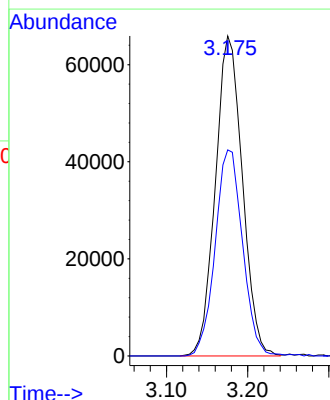
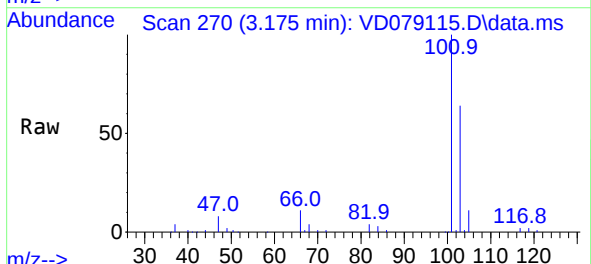
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MSVOA_D
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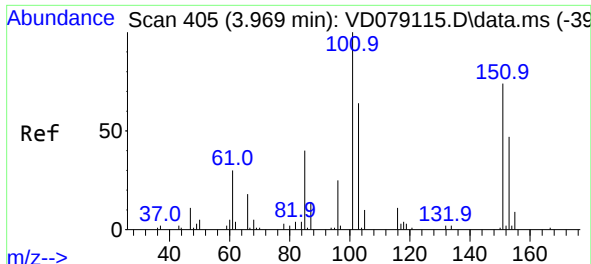
Tgt Ion: 64 Resp: 146897
Ion Ratio Lower Upper
64 100
66 30.5 24.8 46.1



#9
Trichlorofluoromethane
Concen: 24.265 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:101 Resp: 152619
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0

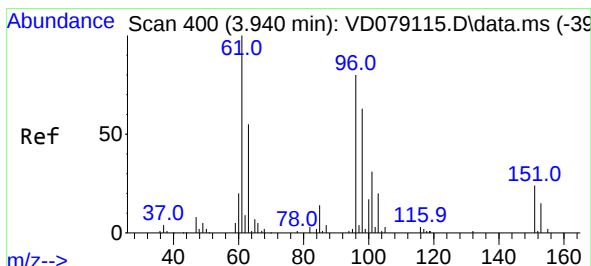
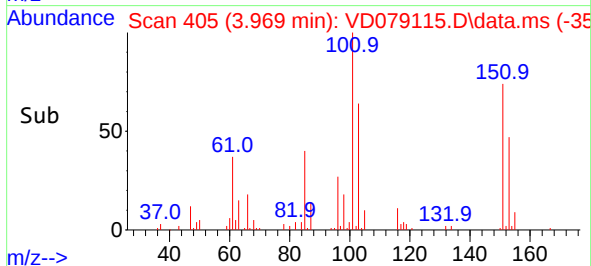
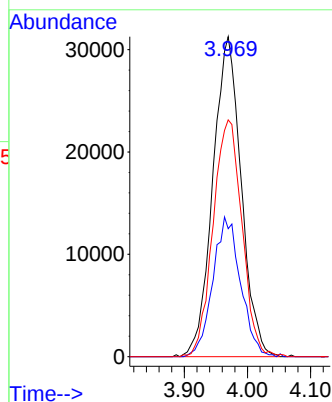
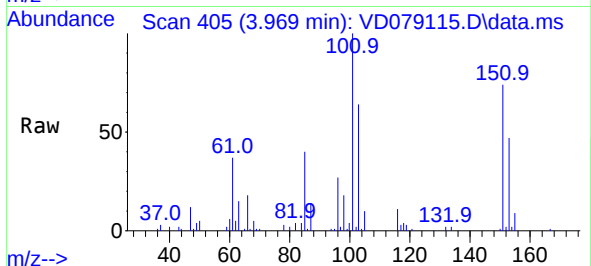




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.834 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

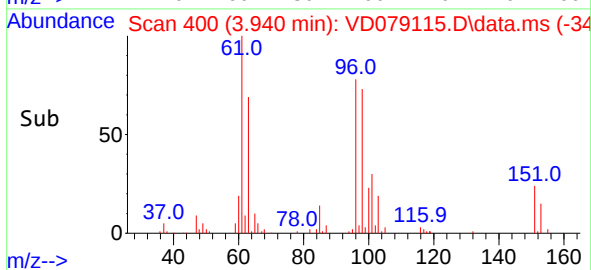
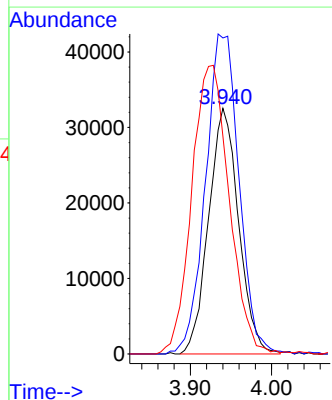
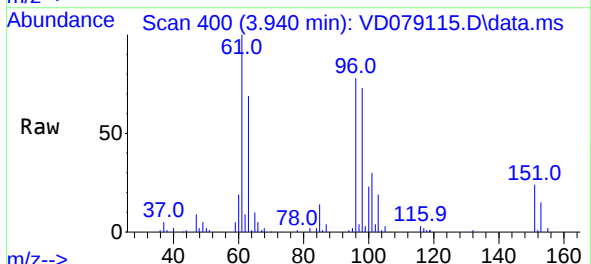
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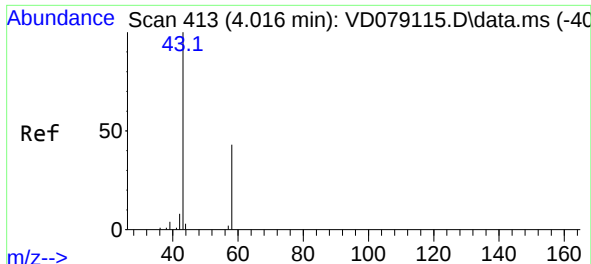
Tgt Ion:101 Resp: 97436
Ion Ratio Lower Upper
101 100
85 42.7 35.4 53.0
151 75.0 59.1 88.7



#12
1,1-Dichloroethene
Concen: 25.454 ug/L
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 96 Resp: 83581
Ion Ratio Lower Upper
96 100
61 128.7 93.9 174.3
63 88.7 67.7 125.7

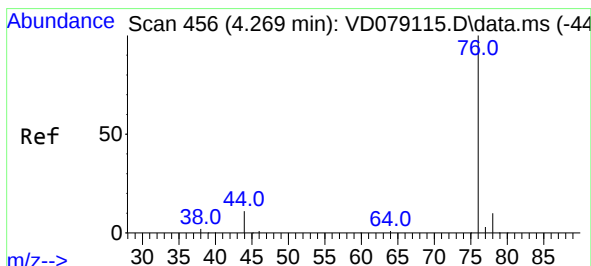
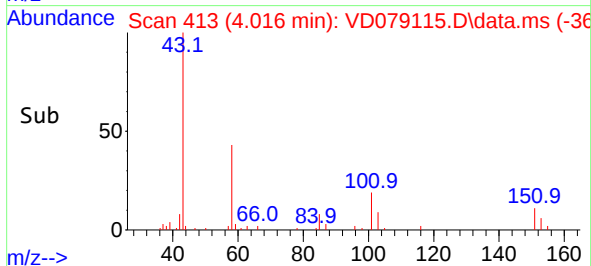
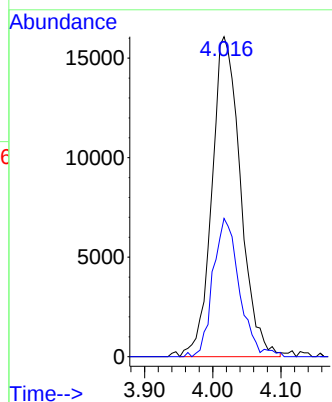
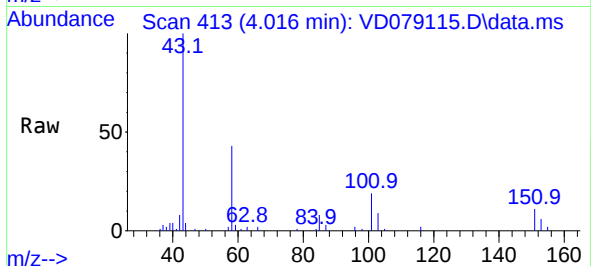




#13
Acetone
Concen: 58.075 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079115.D
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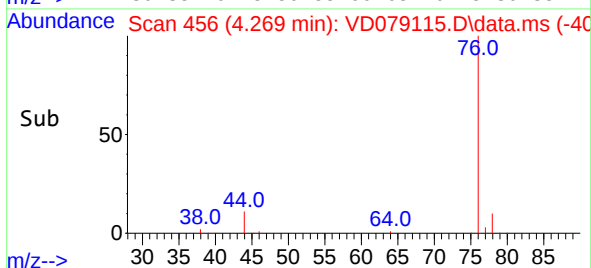
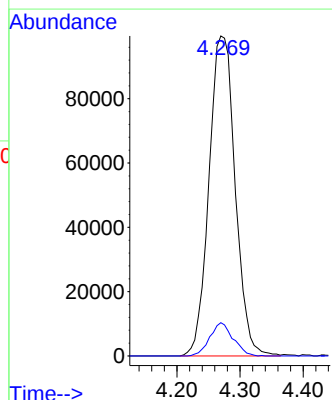
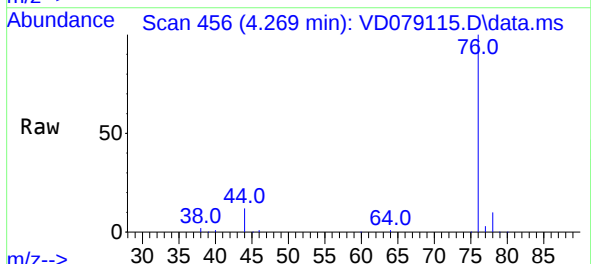
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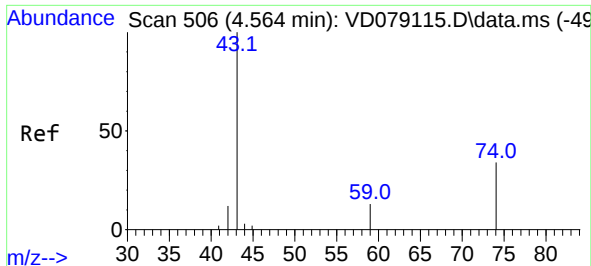
Tgt Ion: 43 Resp: 46921
Ion Ratio Lower Upper
43 100
58 38.8 0.0 78.2



#14
Carbon disulfide
Concen: 25.038 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 76 Resp: 286804
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

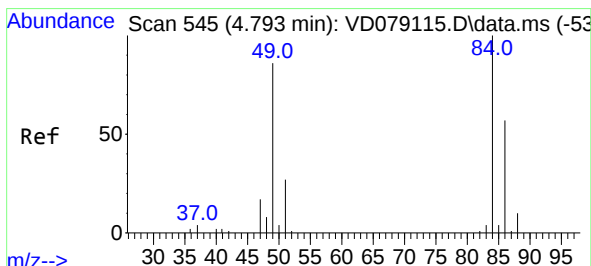
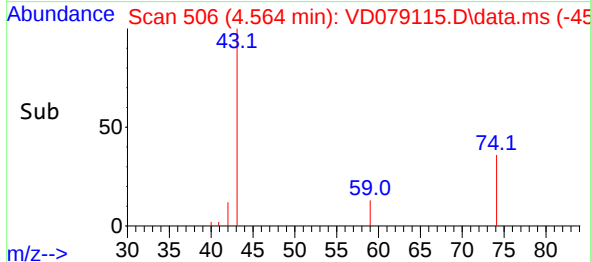
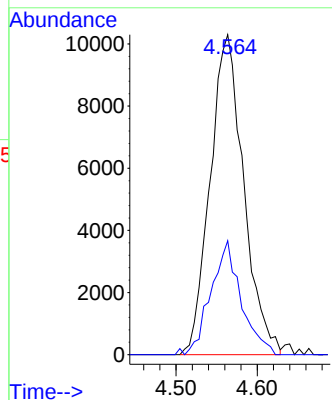
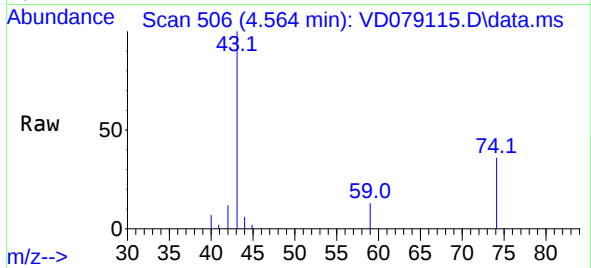




#15
Methyl Acetate
Concen: 26.886 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

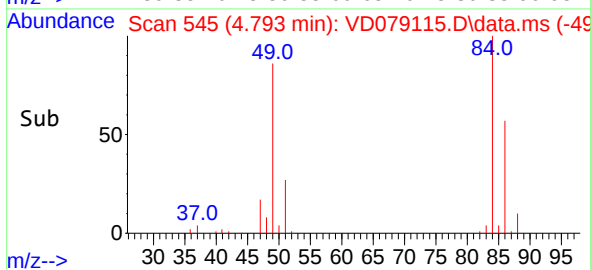
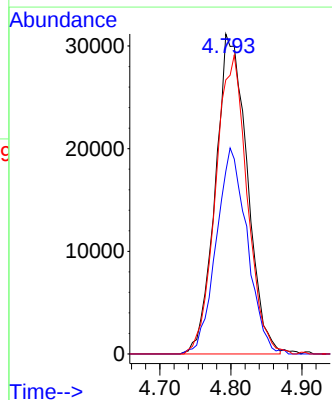
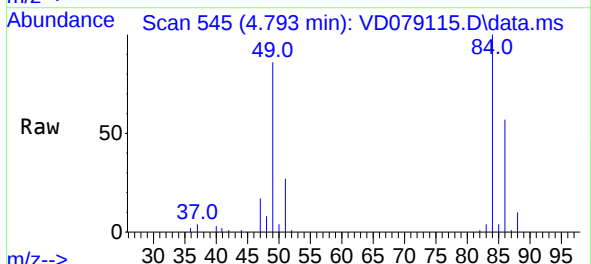
Instrument :
MSVOA_D
ClientSampleId :

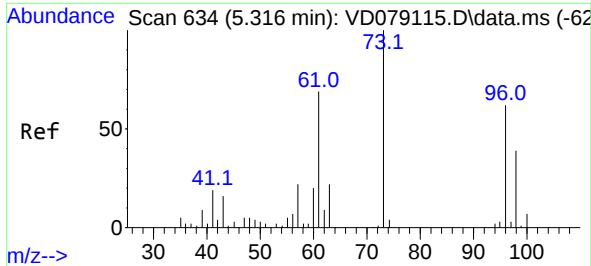
Tgt Ion: 43 Resp: 29596
Ion Ratio Lower Upper
43 100
74 31.8 23.8 35.6



#16
Methylene chloride
Concen: 22.844 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

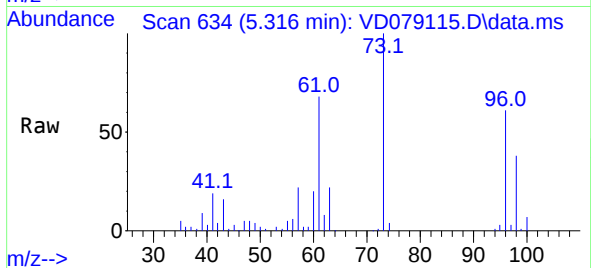
Tgt Ion: 84 Resp: 96510
Ion Ratio Lower Upper
84 100
86 57.1 40.9 76.0
49 85.6 67.5 125.3



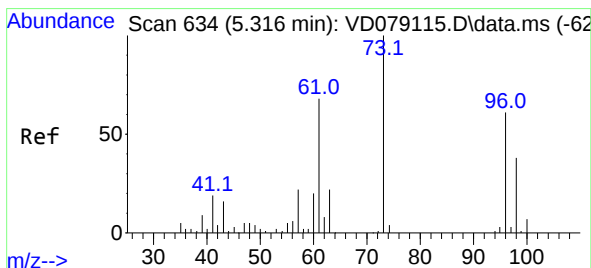
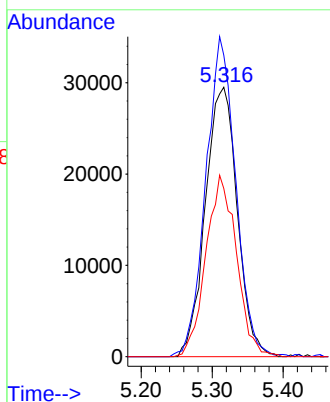
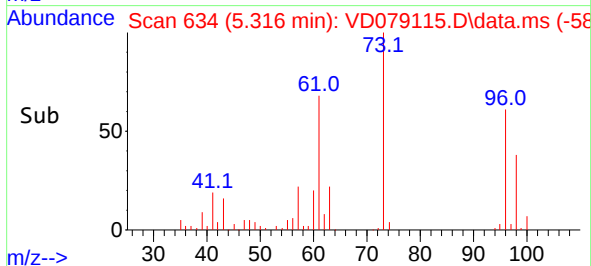


#17
trans-1,2-Dichloroethene
Concen: 25.943 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :

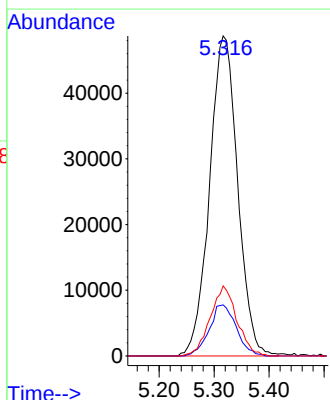
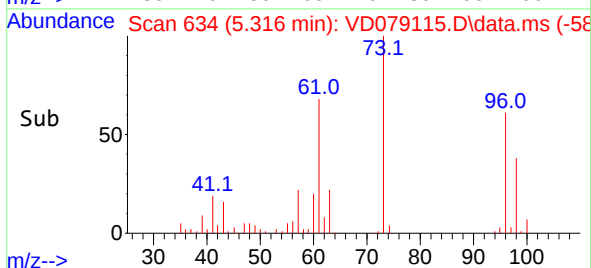
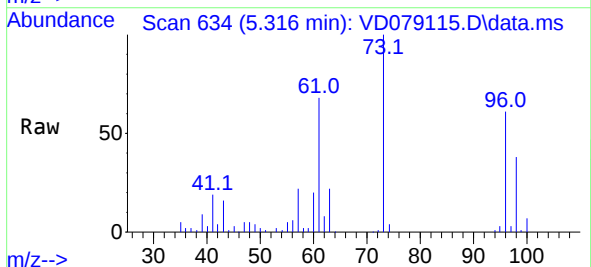


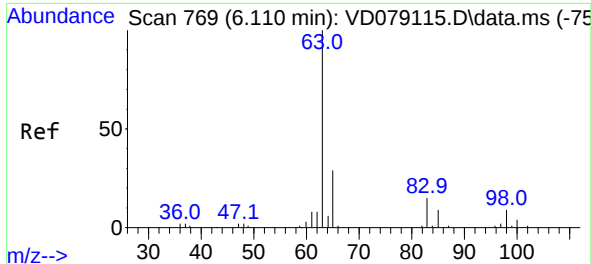
Tgt Ion: 96 Resp: 92061
Ion Ratio Lower Upper
96 100
61 111.9 71.9 133.5
98 62.4 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 27.505 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 73 Resp: 173107
Ion Ratio Lower Upper
73 100
43 15.4 12.0 18.0
57 20.8 9.6 14.4#





#19

1,1-Dichloroethane

Concen: 25.658 ug/L

RT: 6.110 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

Instrument :

MSVOA_D

ClientSampleId :

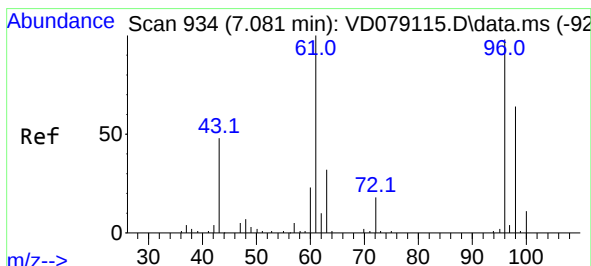
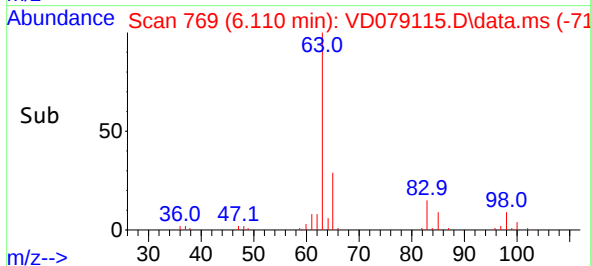
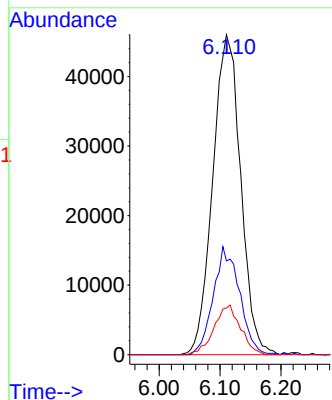
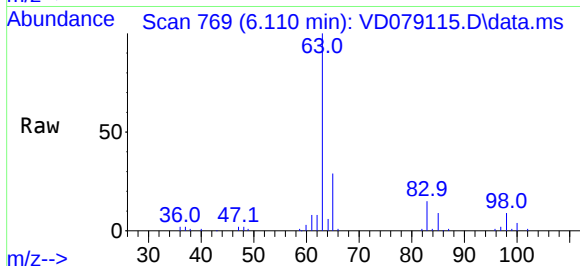
Tgt Ion: 63 Resp: 146590

Ion Ratio Lower Upper

63 100

65 29.3 22.8 42.4

83 14.6 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 26.871 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

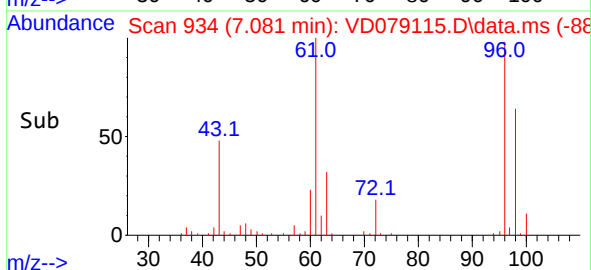
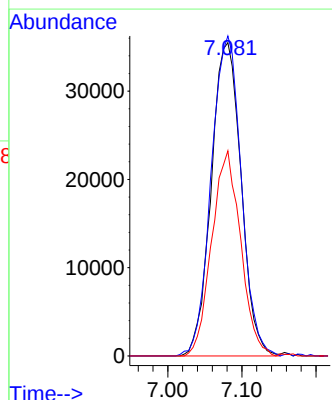
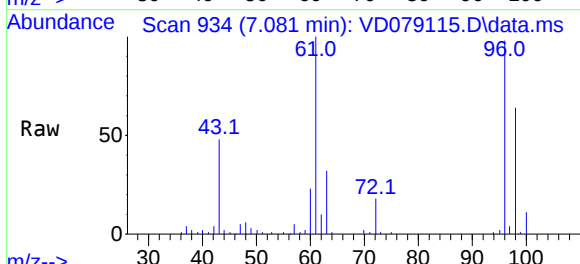
Tgt Ion: 96 Resp: 99287

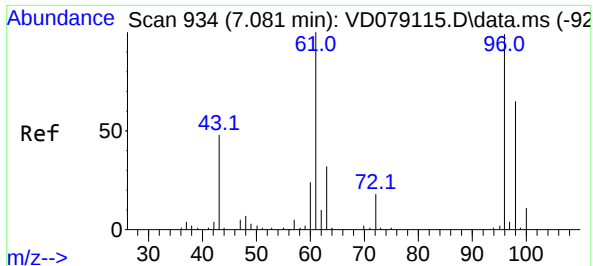
Ion Ratio Lower Upper

96 100

61 102.2 72.6 134.8

98 65.5 43.8 81.3

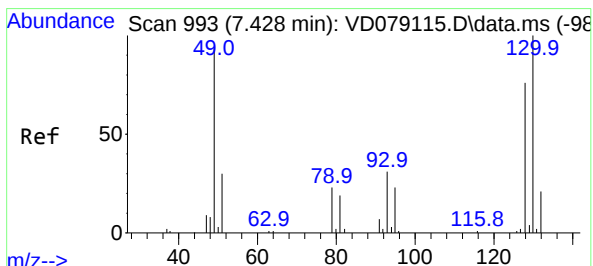
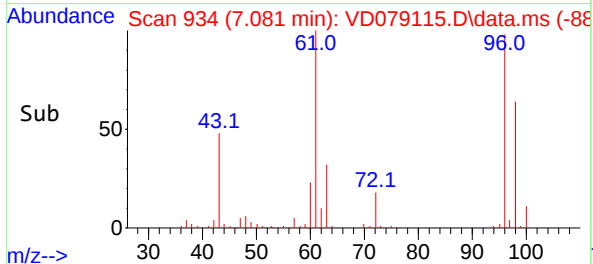
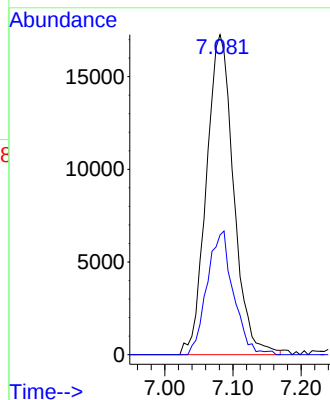
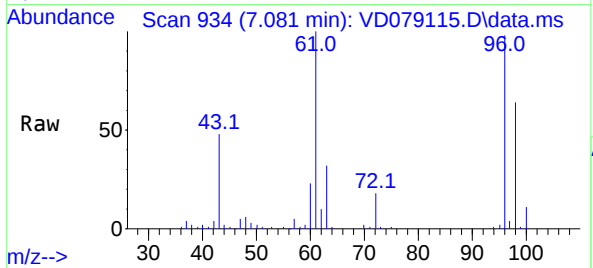




#22
2-Butanone
Concen: 56.578 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

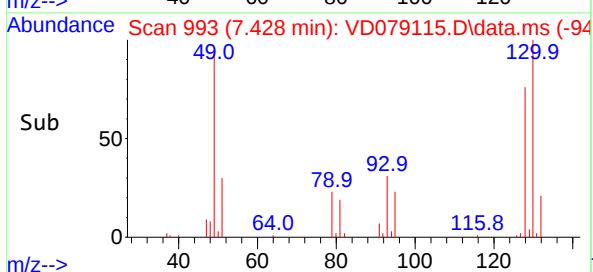
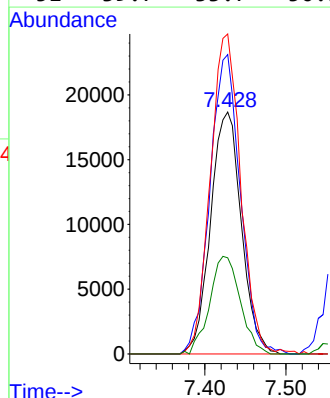
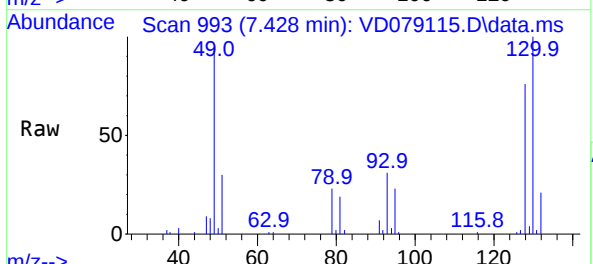
Instrument :
MSVOA_D
ClientSampleId :

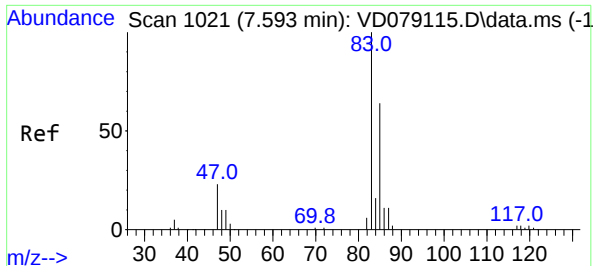
Tgt Ion: 43 Resp: 48020
Ion Ratio Lower Upper
43 100
72 36.8 19.3 57.8



#23
Bromochloromethane
Concen: 26.235 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:128 Resp: 49147
Ion Ratio Lower Upper
128 100
49 123.7 81.8 151.8
130 132.2 90.4 167.8
51 39.7 33.7 50.5

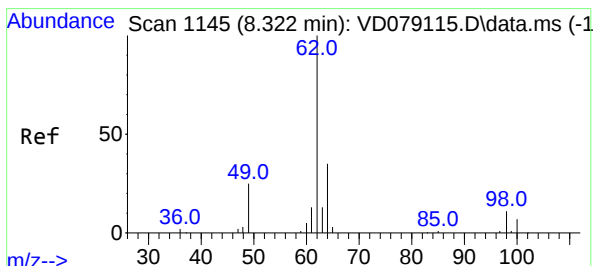
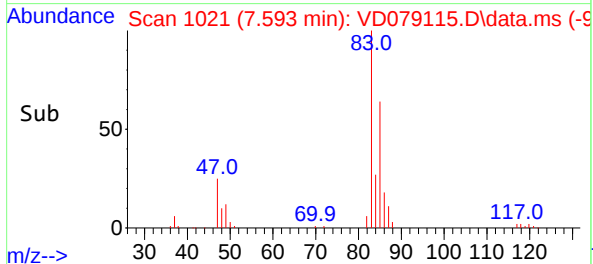
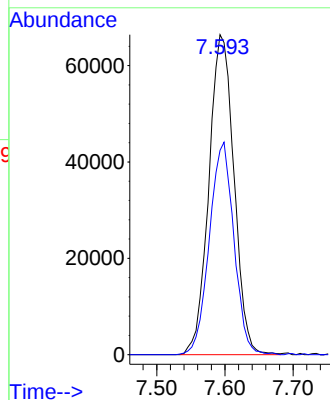
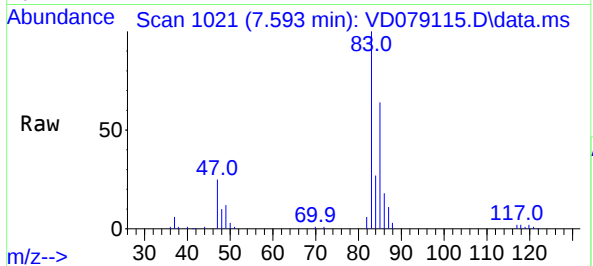




#25
Chloroform
Concen: 26.270 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

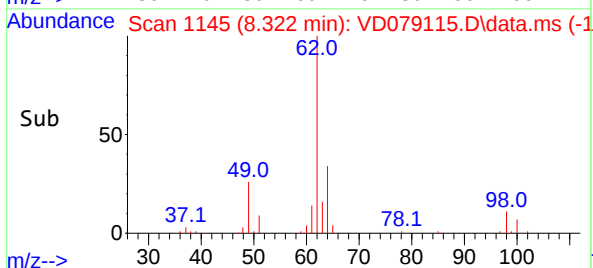
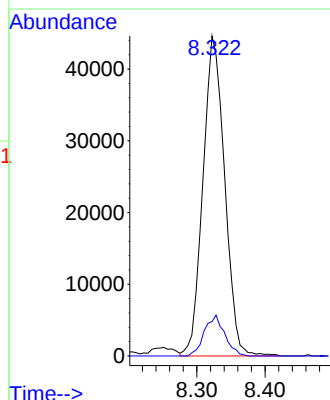
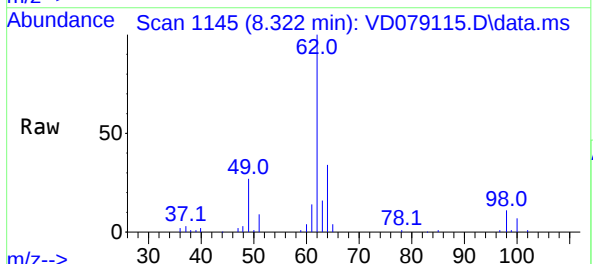
Instrument :
MSVOA_D
ClientSampleId :

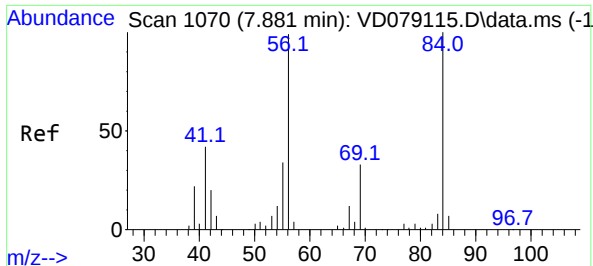
Tgt Ion: 83 Resp: 170401
Ion Ratio Lower Upper
83 100
85 63.9 47.9 89.1



#27
1,2-Dichloroethane
Concen: 26.284 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

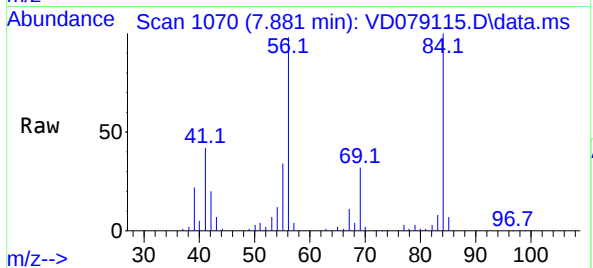
Tgt Ion: 62 Resp: 98970
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4



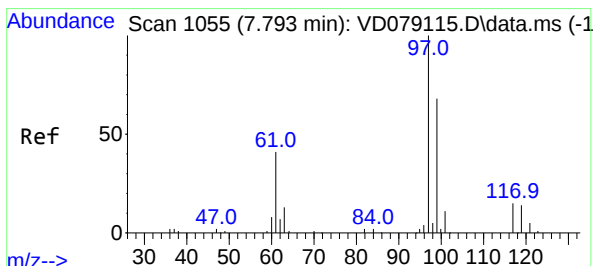
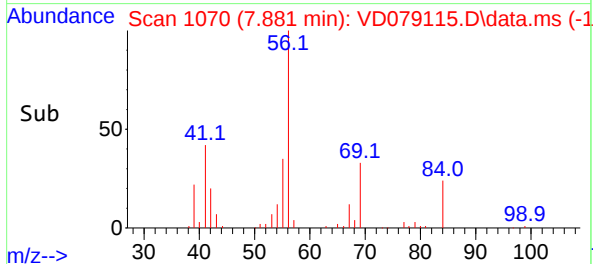
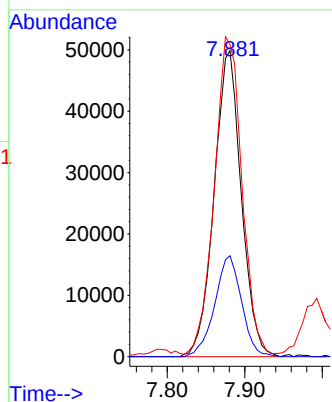


#29
Cyclohexane
Concen: 29.126 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :

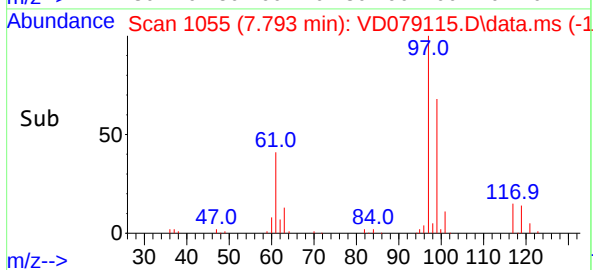
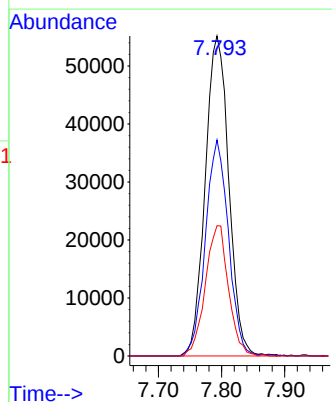
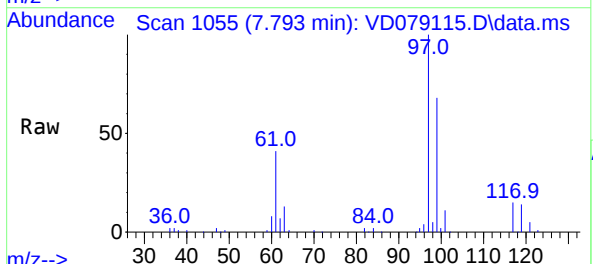


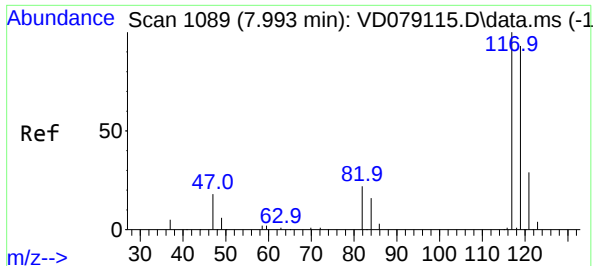
Tgt Ion: 56 Resp: 121630
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 107.1 87.5 131.3



#30
1,1,1-Trichloroethane
Concen: 26.149 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 97 Resp: 143289
Ion Ratio Lower Upper
97 100
99 66.0 52.3 78.5
61 39.9 31.7 47.5

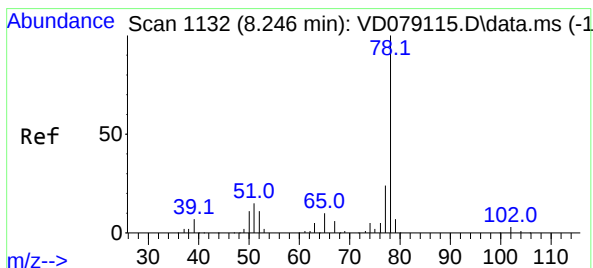
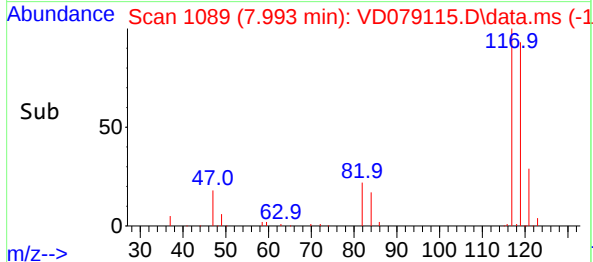
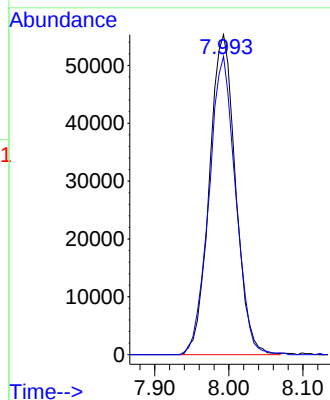
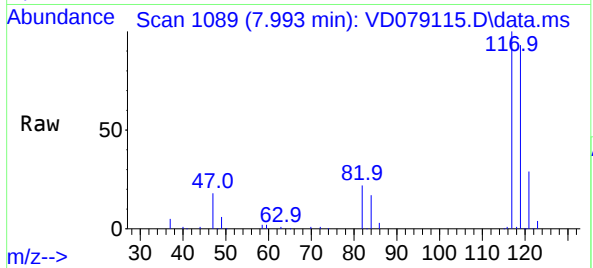




#31
Carbon tetrachloride
Concen: 26.638 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

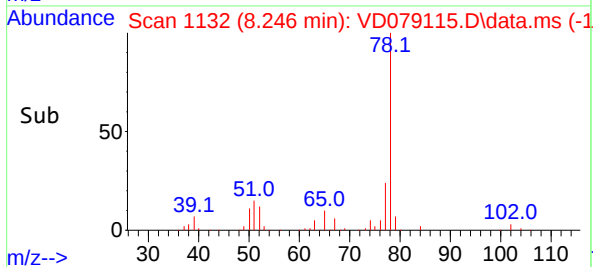
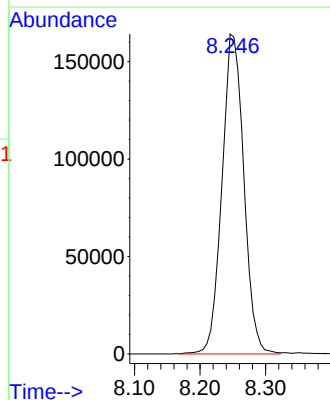
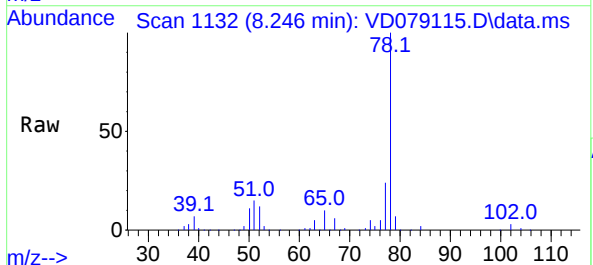
Instrument :
MSVOA_D
ClientSampleId :

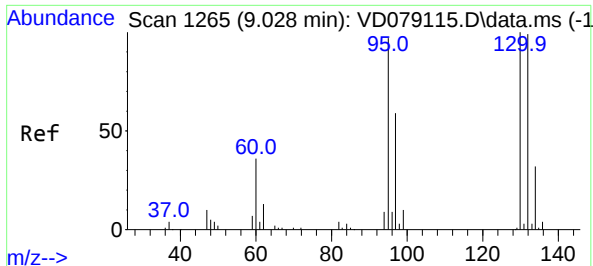
Tgt Ion:117 Resp: 135645
Ion Ratio Lower Upper
117 100
119 94.7 79.6 119.4



#33
Benzene
Concen: 27.537 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

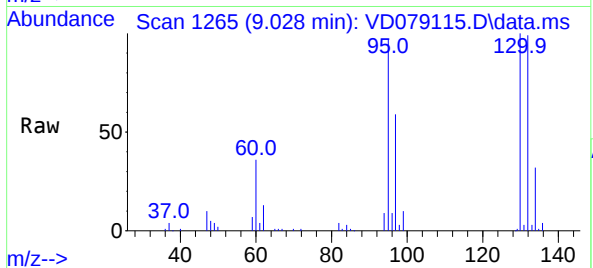
Tgt Ion: 78 Resp: 379599





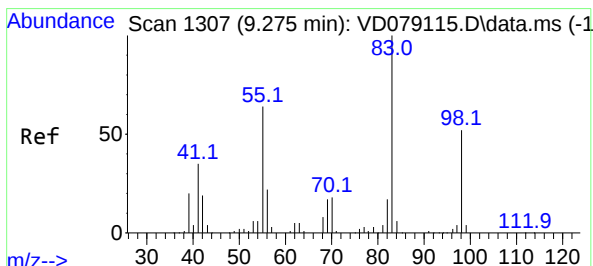
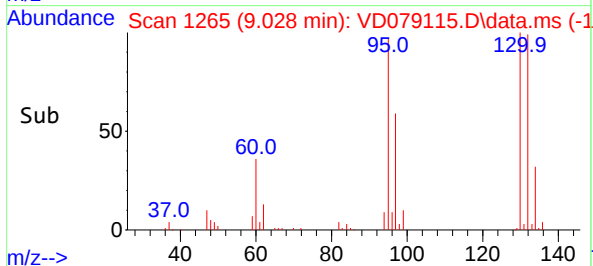
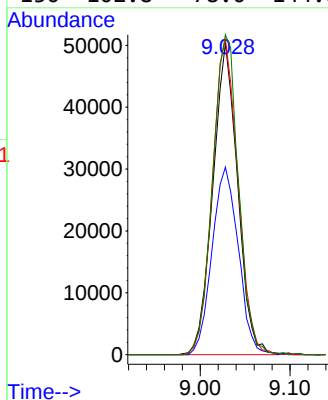
#34
Trichloroethene
Concen: 27.177 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 96492

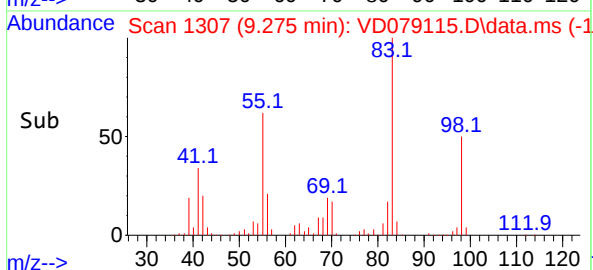
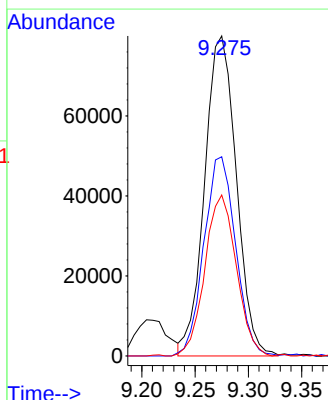
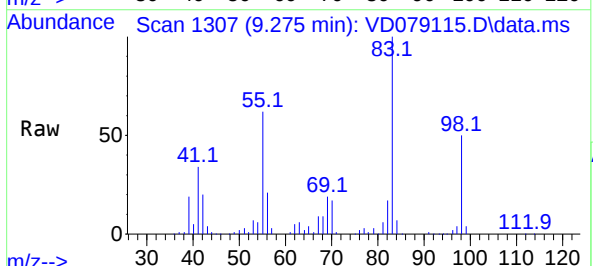
Ion	Ratio	Lower	Upper
95	100		
97	60.2	44.6	82.8
132	101.3	74.9	139.1
130	102.8	78.0	144.8

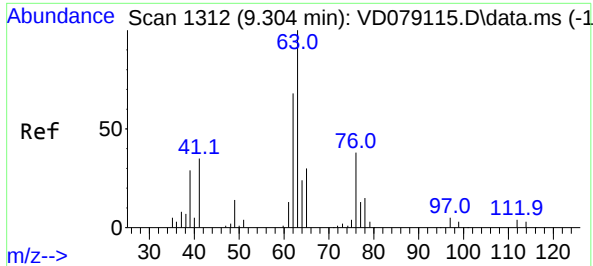


#35
Methylcyclohexane
Concen: 28.151 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 83 Resp: 165615

Ion	Ratio	Lower	Upper
83	100		
55	62.2	48.6	72.8
98	49.9	40.2	60.2

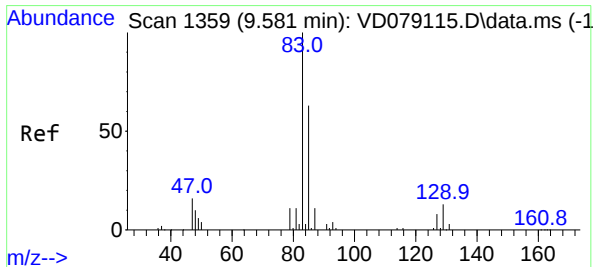
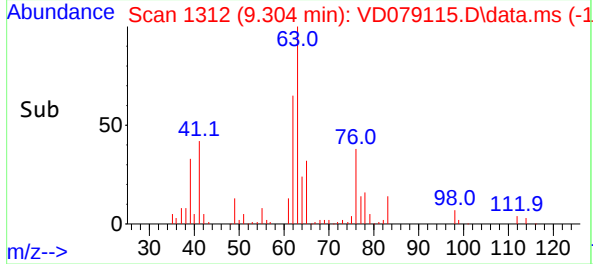
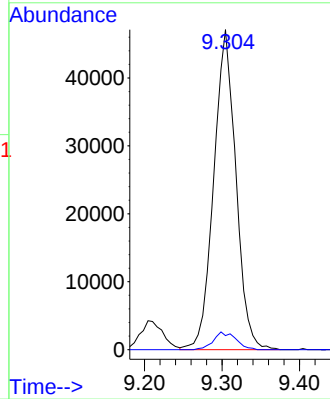
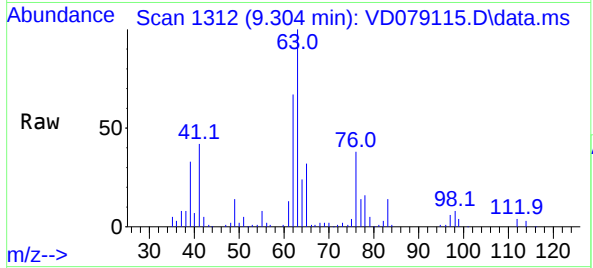




#37
1,2-Dichloropropane
Concen: 27.715 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

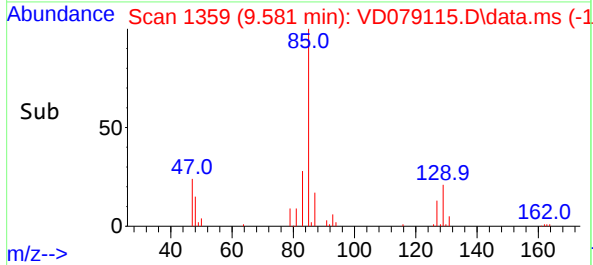
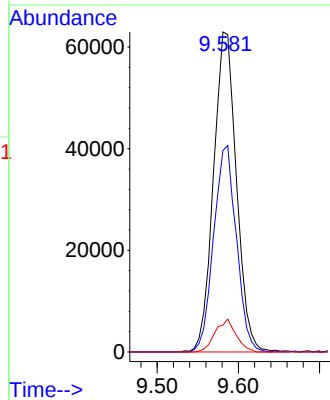
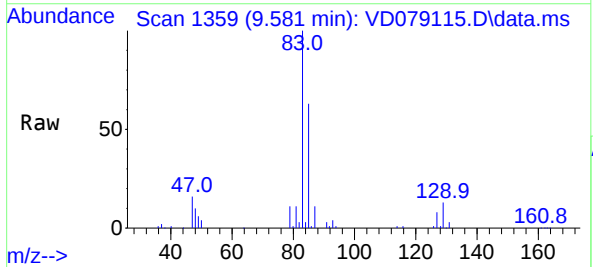
Instrument :
MSVOA_D
ClientSampleId :

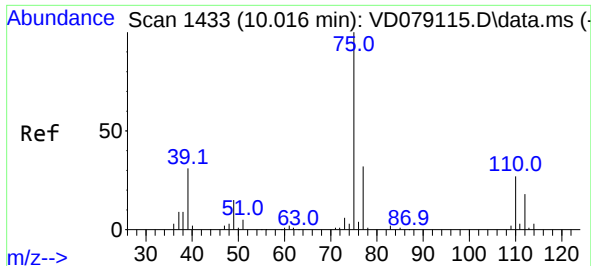
Tgt Ion: 63 Resp: 93582
Ion Ratio Lower Upper
63 100
112 5.6 3.9 5.9



#38
Bromodichloromethane
Concen: 26.389 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 83 Resp: 123870
Ion Ratio Lower Upper
83 100
85 62.9 46.5 86.5
127 8.3 7.0 10.6

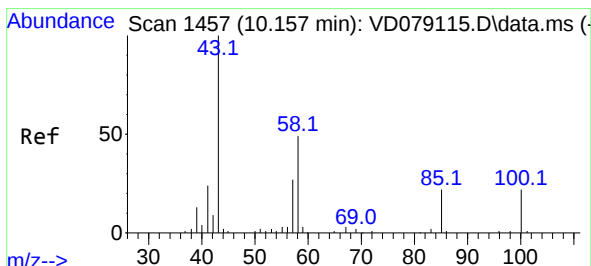
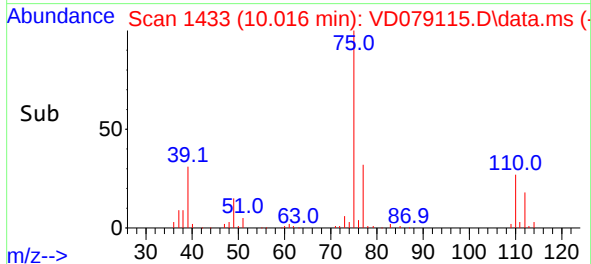
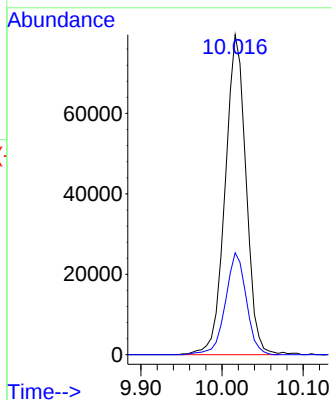
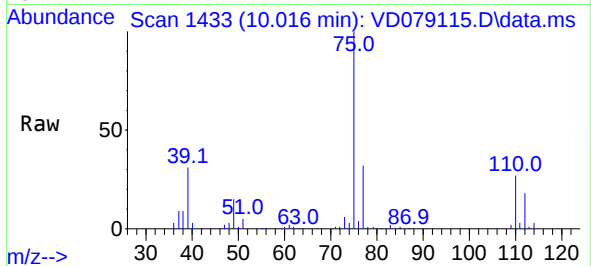




#39
 cis-1,3-Dichloropropene
 Concen: 26.957 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079115.D
 Acq: 03 Jun 2024 09:10

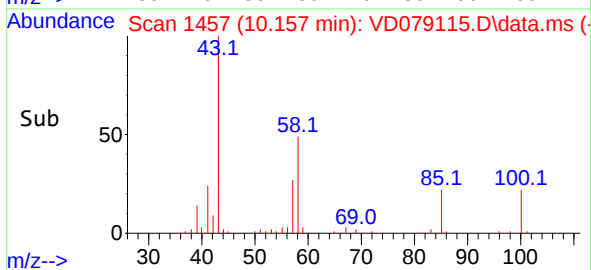
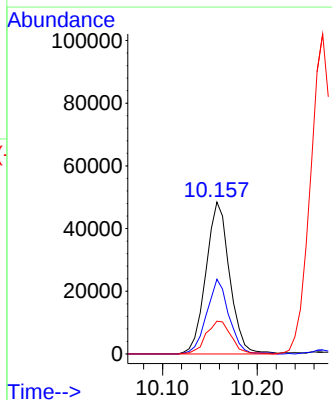
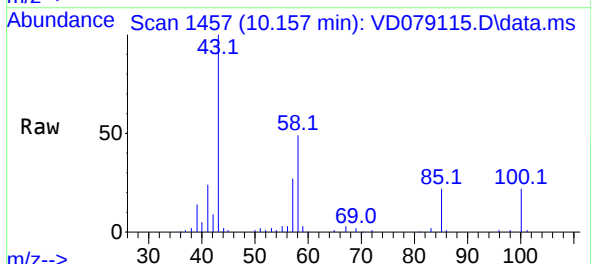
Instrument :
 MSVOA_D
 ClientSampleId :

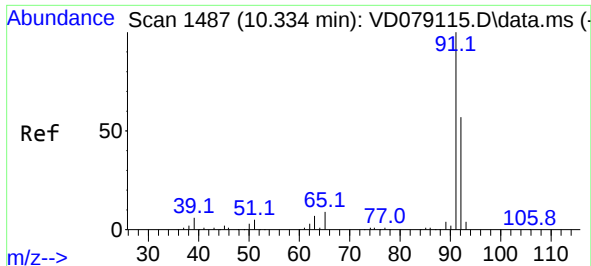
Tgt Ion: 75 Resp: 142090
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 59.884 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD079115.D
 Acq: 03 Jun 2024 09:10

Tgt Ion: 43 Resp: 84409
 Ion Ratio Lower Upper
 43 100
 58 46.0 34.0 51.0
 100 23.0 16.9 25.3

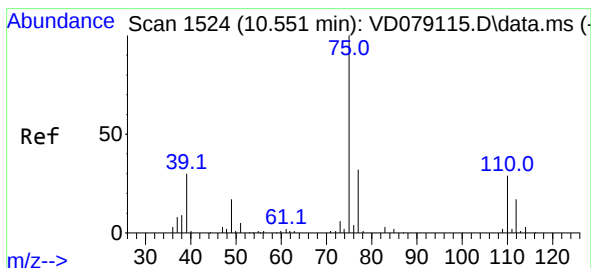
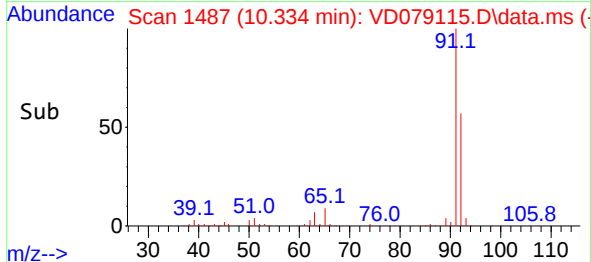
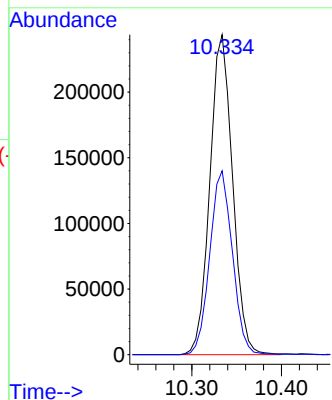
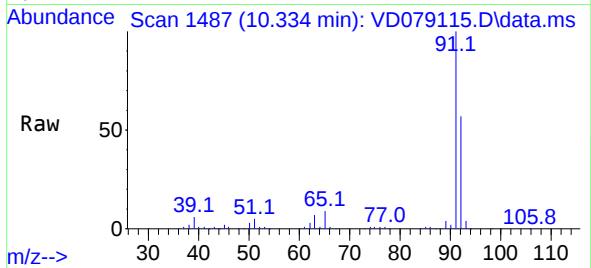




#42
Toluene
Concen: 28.001 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

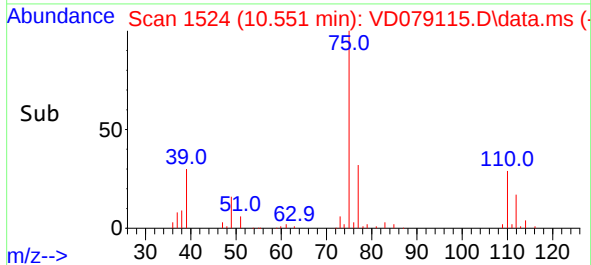
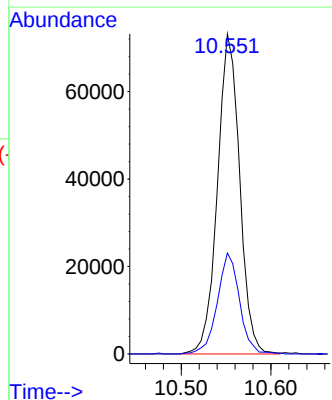
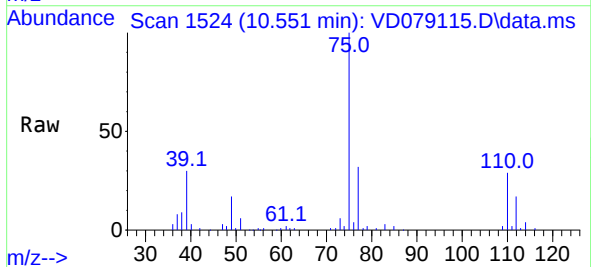
Instrument :
MSVOA_D
ClientSampleId :

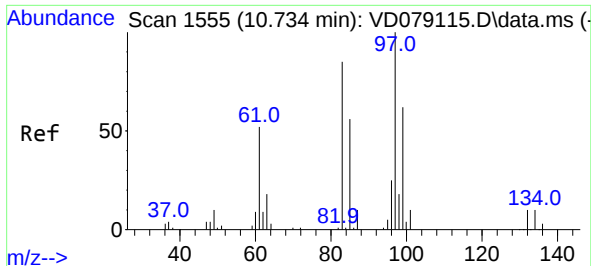
Tgt Ion: 91 Resp: 428622
Ion Ratio Lower Upper
91 100
92 57.5 38.9 72.3



#44
trans-1,3-Dichloropropene
Concen: 28.220 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 75 Resp: 125783
Ion Ratio Lower Upper
75 100
77 31.6 24.3 45.1



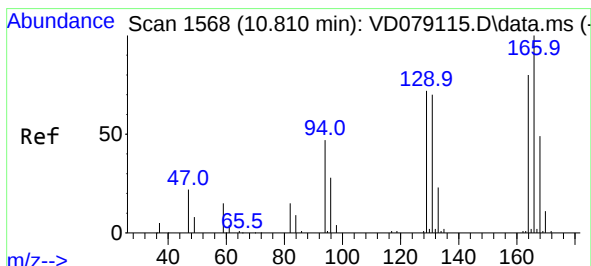
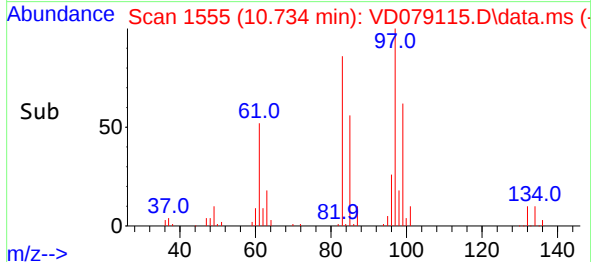
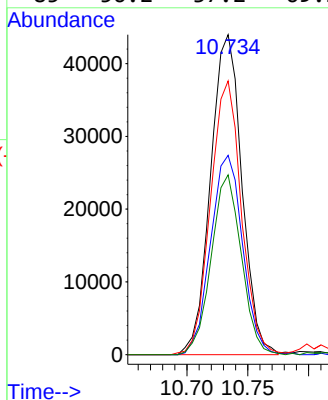
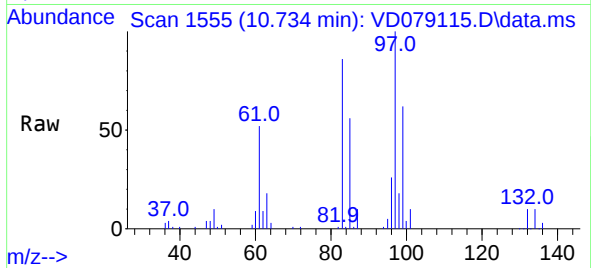


#45
1,1,2-Trichloroethane
Concen: 26.560 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 78679

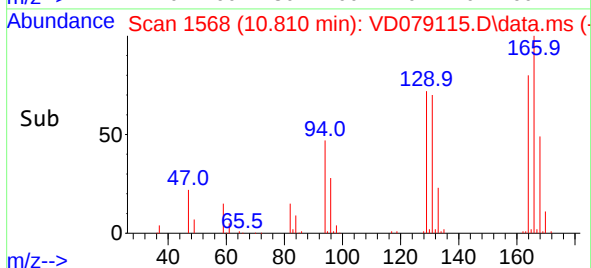
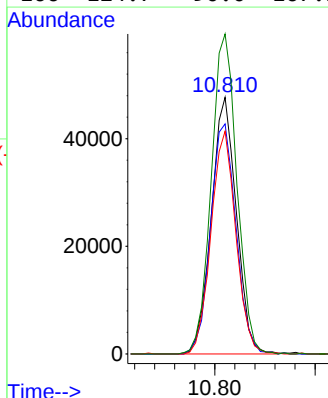
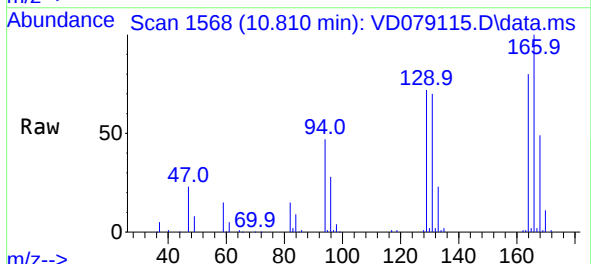
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.0	79.8
83	85.6	58.9	109.5
85	56.2	37.2	69.2

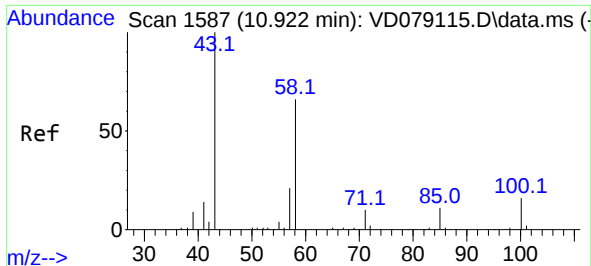


#46
Tetrachloroethene
Concen: 26.413 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 164 Resp: 82573

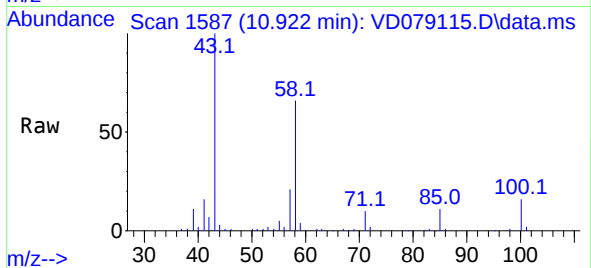
Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.3	119.5
131	86.8	61.2	113.8
166	124.7	90.0	167.2



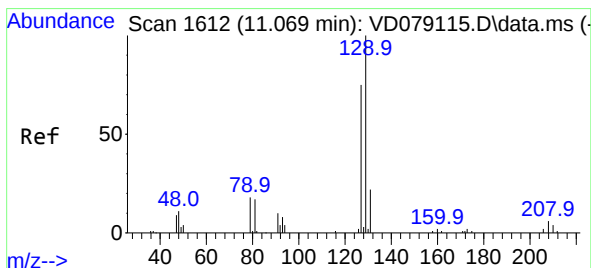
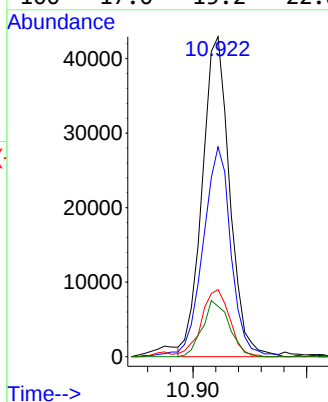
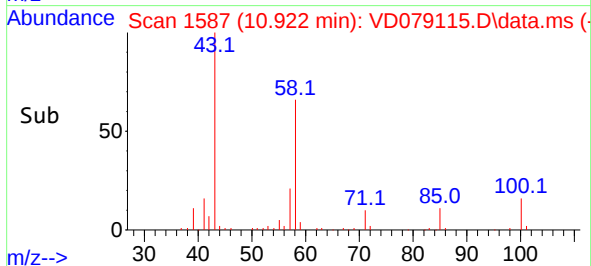


#48
2-Hexanone
Concen: 59.202 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :

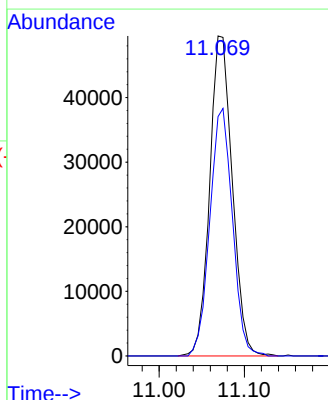
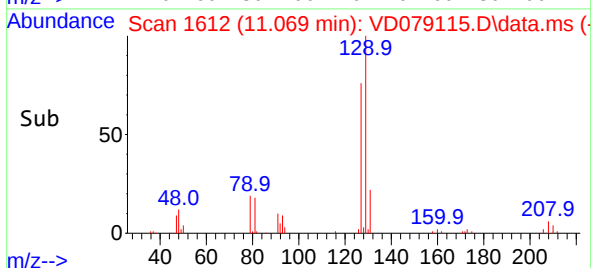
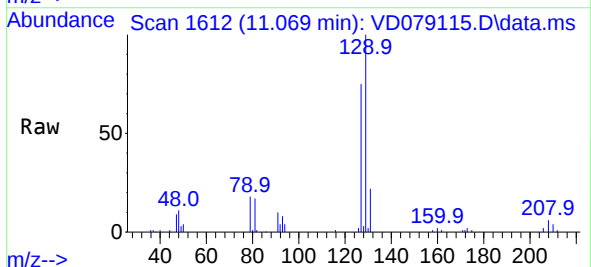


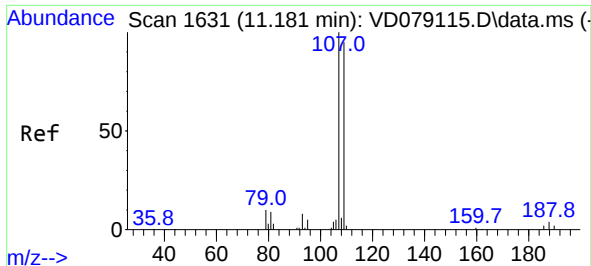
Tgt Ion: 43 Resp: 72208
Ion Ratio Lower Upper
43 100
58 67.0 50.1 75.1
57 21.8 16.5 24.7
100 17.0 15.2 22.8



#49
Dibromochloromethane
Concen: 26.090 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:129 Resp: 91521
Ion Ratio Lower Upper
129 100
127 74.8 56.4 104.7





#50

1,2-Dibromoethane

Concen: 26.849 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

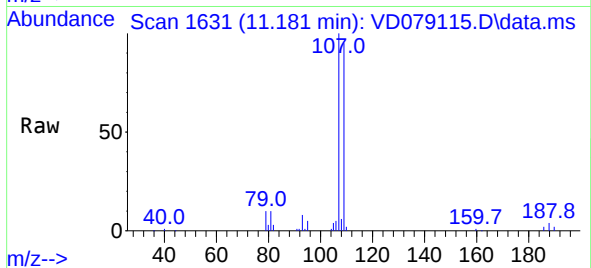
Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

Instrument :

MSVOA_D

ClientSampleId :



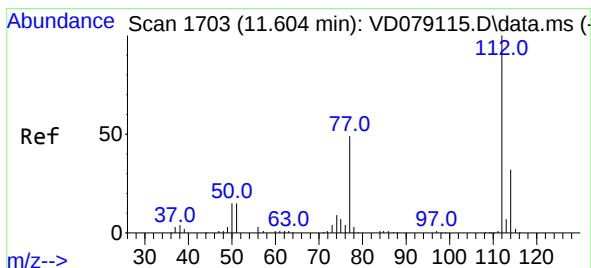
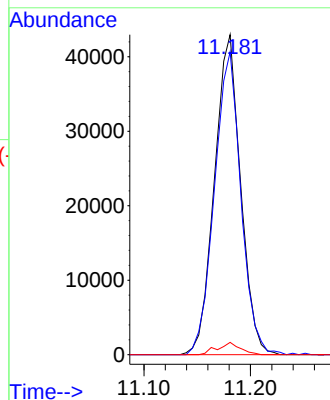
Tgt Ion:107 Resp: 73093

Ion Ratio Lower Upper

107 100

109 94.7 64.5 119.7

188 3.9 2.6 3.8#



#51

Chlorobenzene

Concen: 27.055 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

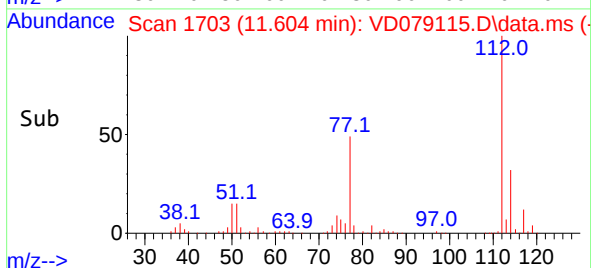
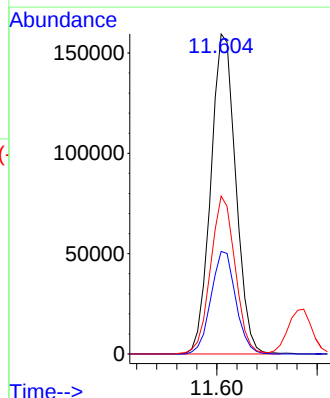
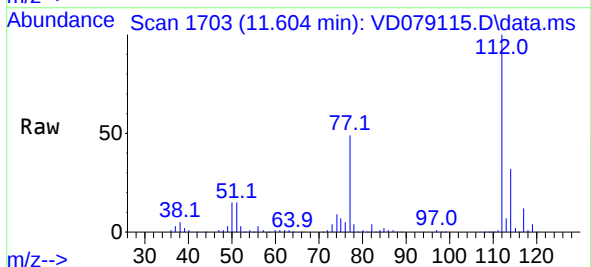
Tgt Ion:112 Resp: 275561

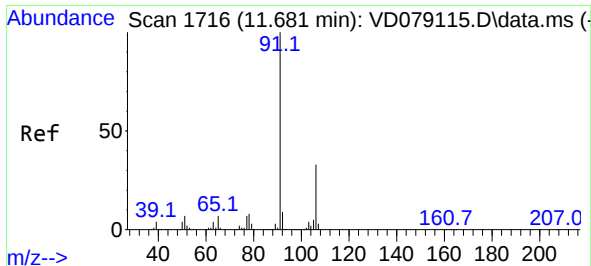
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 49.4 38.4 57.6

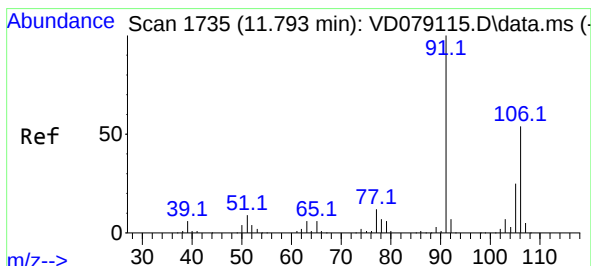
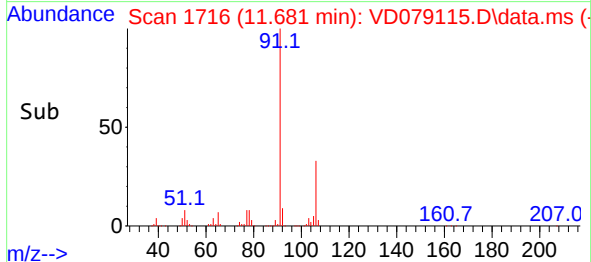
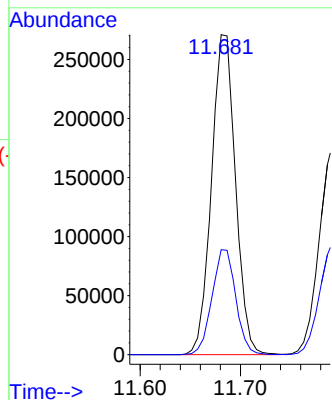
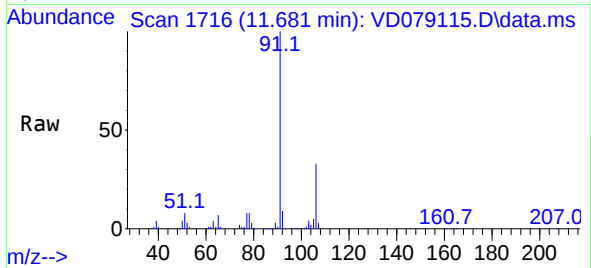




#52
Ethylbenzene
Concen: 28.273 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

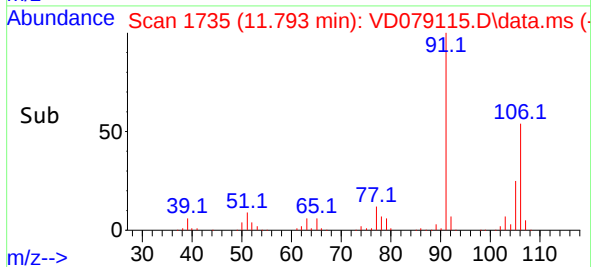
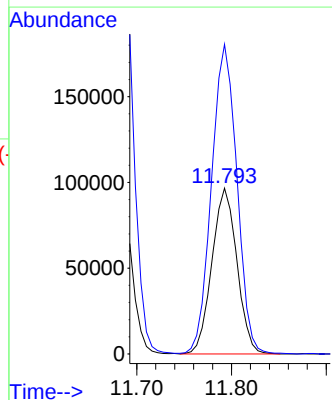
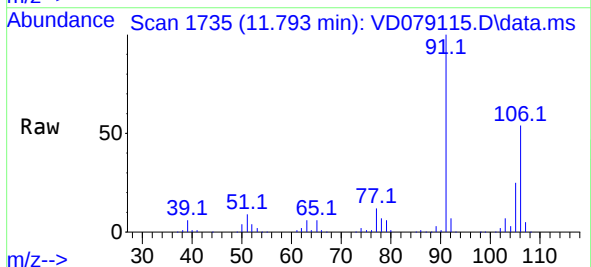
Instrument :
MSVOA_D
ClientSampleId :

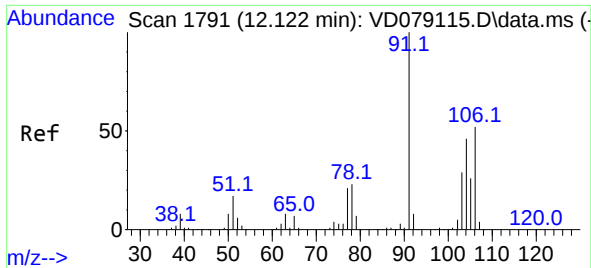
Tgt Ion: 91 Resp: 451433
Ion Ratio Lower Upper
91 100
106 32.8 22.3 41.5



#53
m,p-Xylene
Concen: 28.256 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 106 Resp: 177012
Ion Ratio Lower Upper
106 100
91 186.8 133.1 247.1

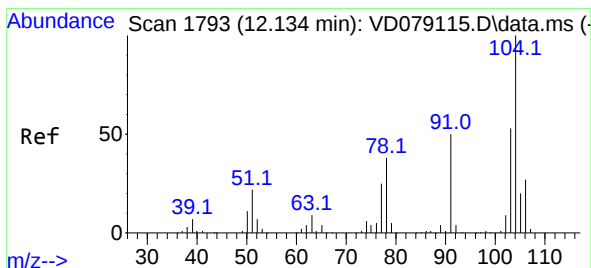
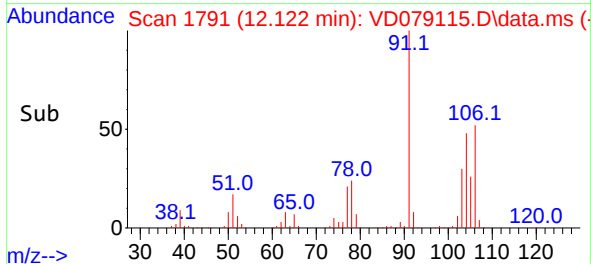
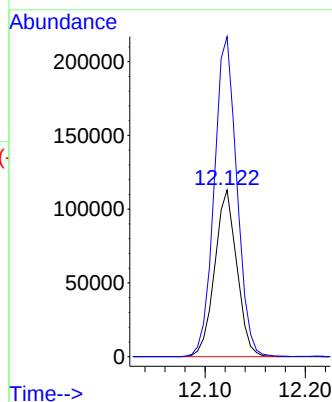
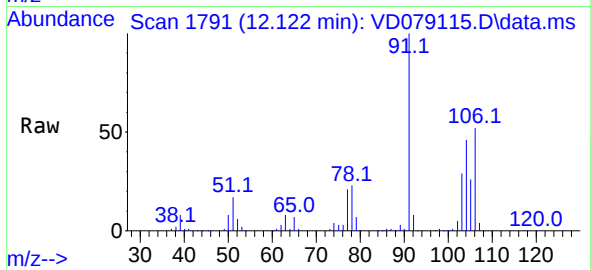




#54
o-Xylene
Concen: 28.655 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

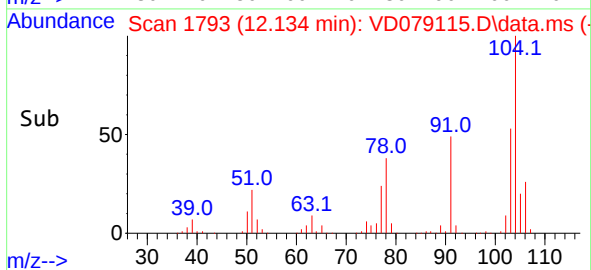
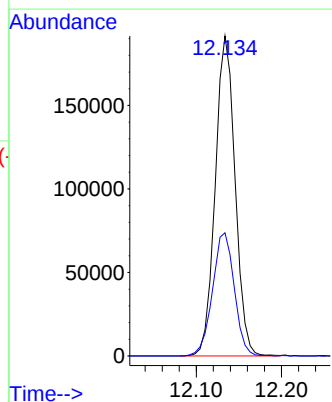
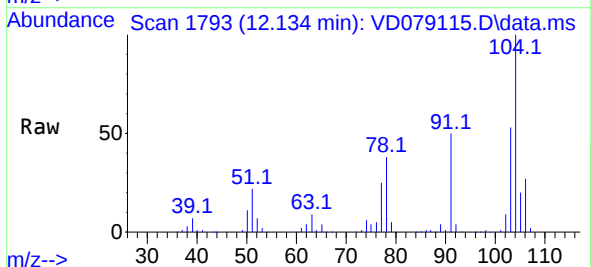
Instrument :
MSVOA_D
ClientSampleId :

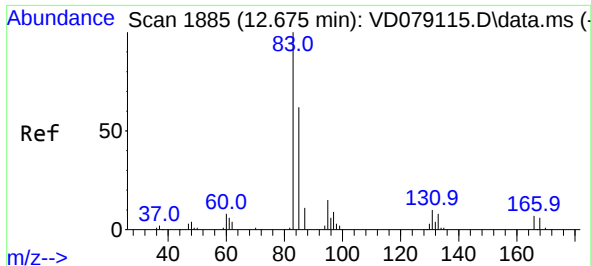
Tgt Ion:106 Resp: 173432
Ion Ratio Lower Upper
106 100
91 191.9 132.9 246.9



#55
Styrene
Concen: 28.913 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:104 Resp: 310279
Ion Ratio Lower Upper
104 100
78 38.5 27.8 51.6

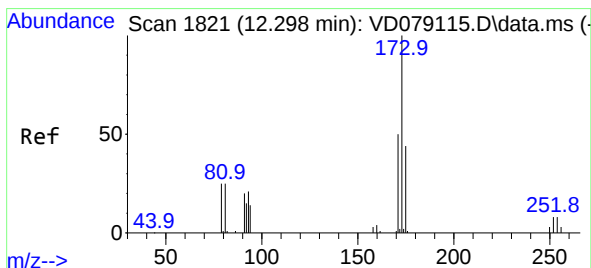
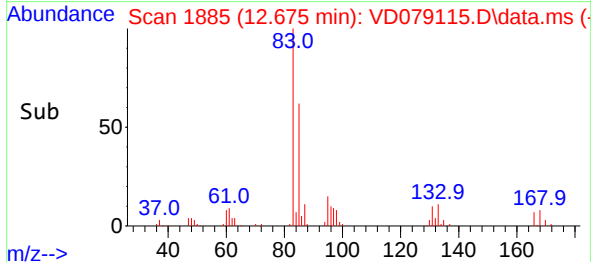
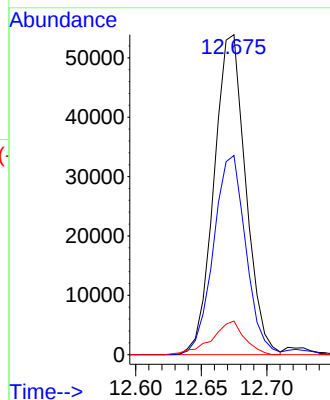
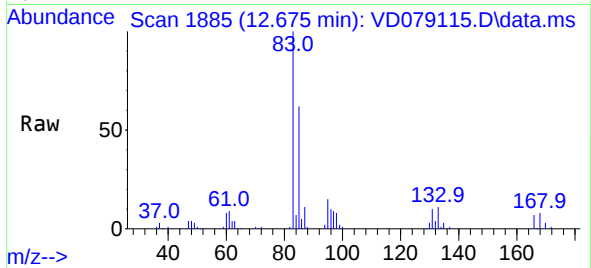




#57
1,1,2,2-Tetrachloroethane
Concen: 27.302 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

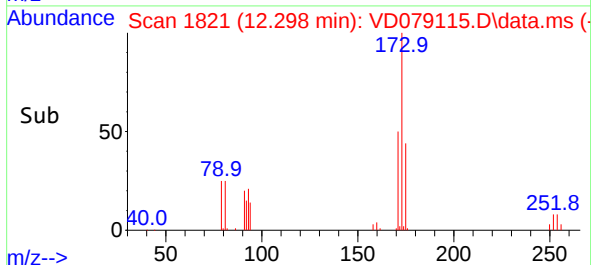
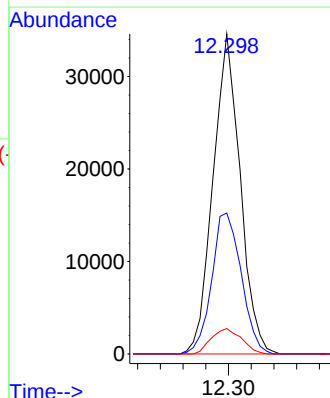
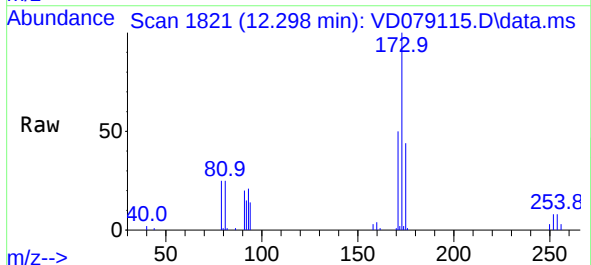
Instrument :
MSVOA_D
ClientSampleId :

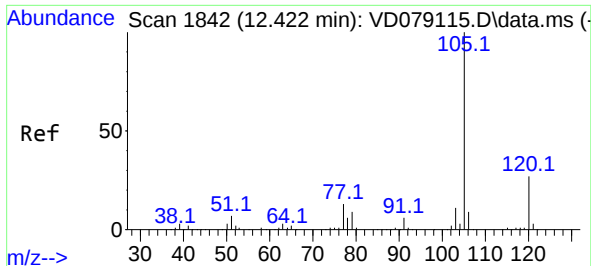
Tgt Ion: 83 Resp: 90529
Ion Ratio Lower Upper
83 100
85 62.3 47.5 88.1
131 10.5 8.6 13.0



#59
Bromoform
Concen: 26.413 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 173 Resp: 57429
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 8.9 7.0 10.6

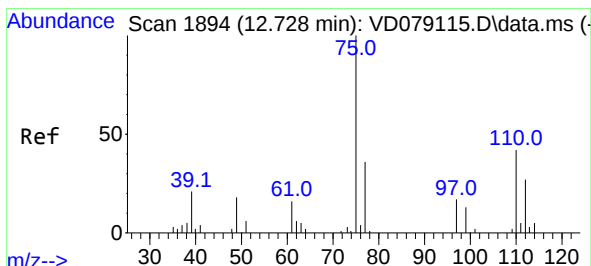
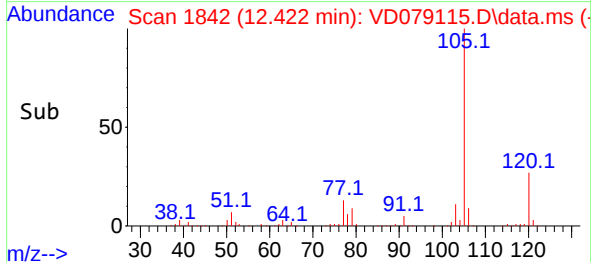
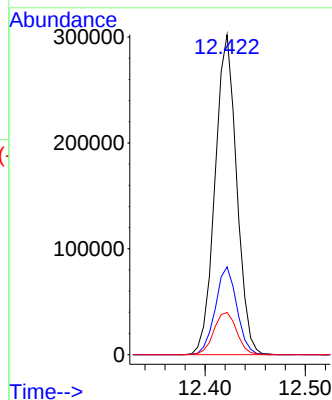
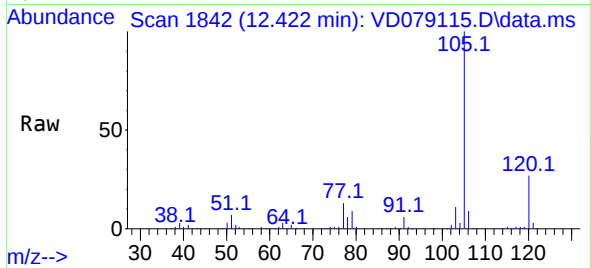




#60
Isopropylbenzene
Concen: 28.868 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

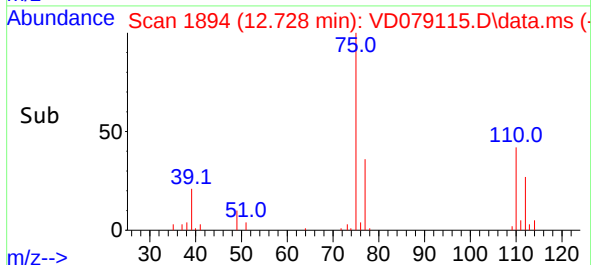
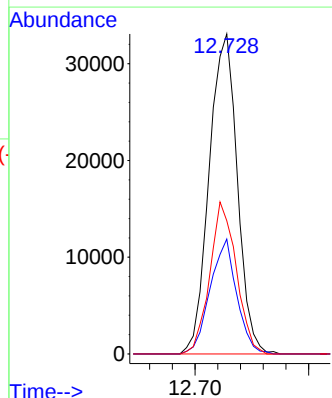
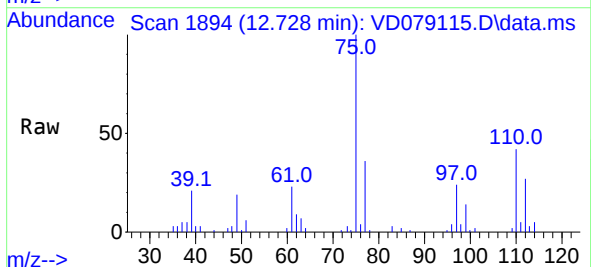
Instrument :
MSVOA_D
ClientSampleId :

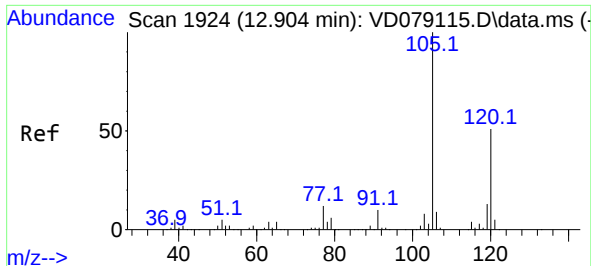
Tgt Ion:105 Resp: 452837
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 14.0 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 27.167 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion: 75 Resp: 56900
Ion Ratio Lower Upper
75 100
77 34.0 25.9 38.9
110 44.7 34.2 51.4

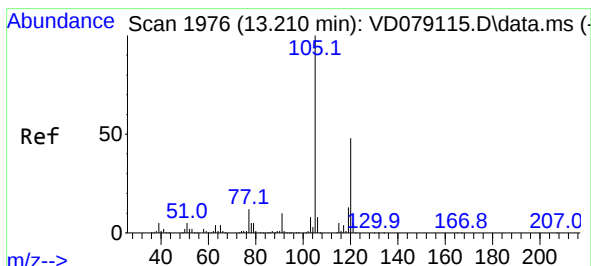
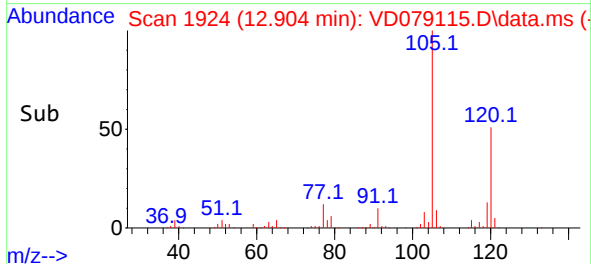
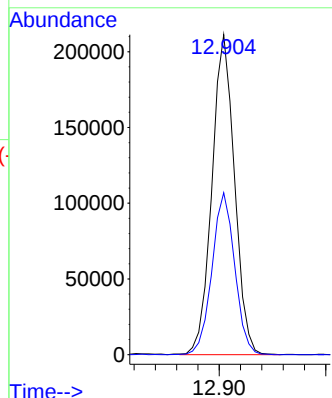
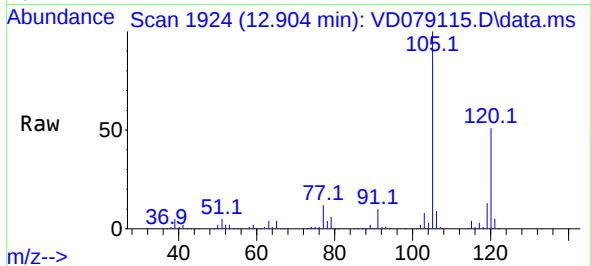




#62
1,3,5-Trimethylbenzene
Concen: 28.977 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

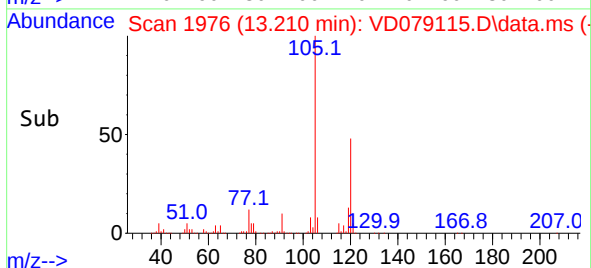
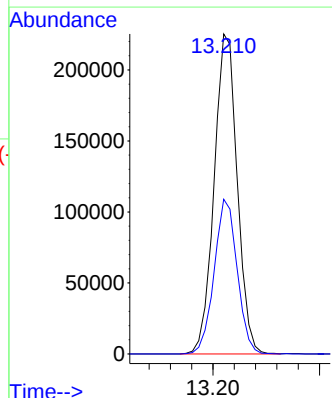
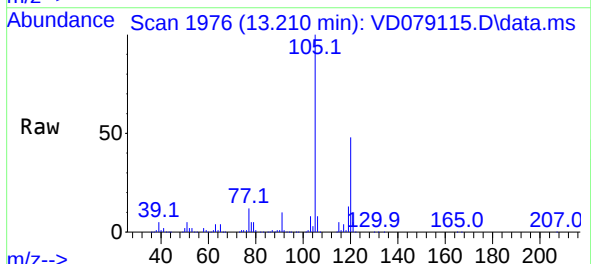
Instrument :
MSVOA_D
ClientSampleId :

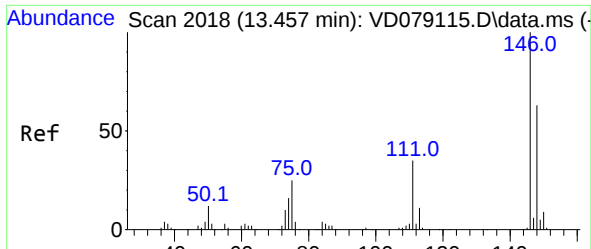
Tgt Ion:105 Resp: 310789
Ion Ratio Lower Upper
105 100
120 50.9 40.7 61.1



#63
1,2,4-Trimethylbenzene
Concen: 29.548 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:105 Resp: 338963
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0

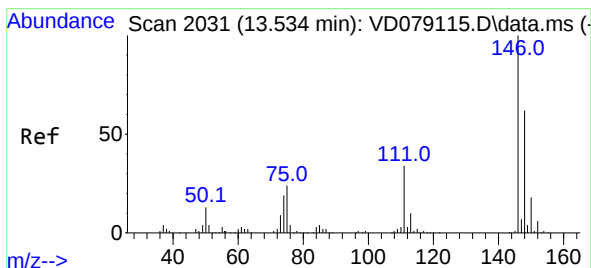
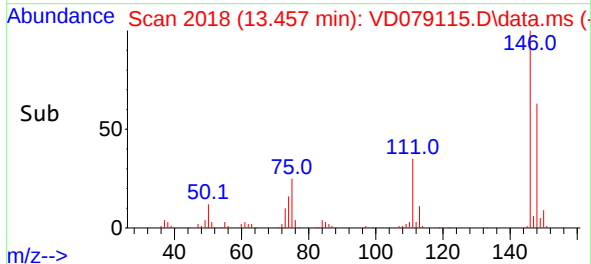
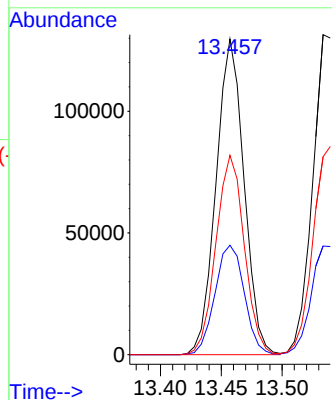
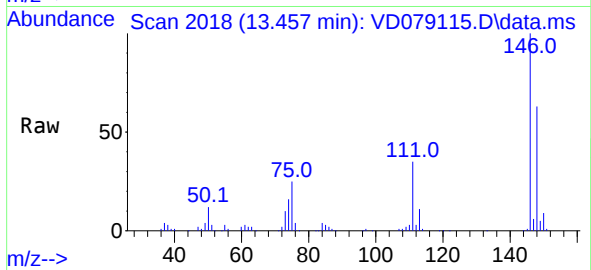




#64
1,3-Dichlorobenzene
Concen: 27.504 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

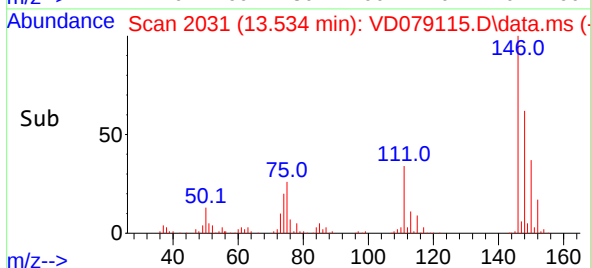
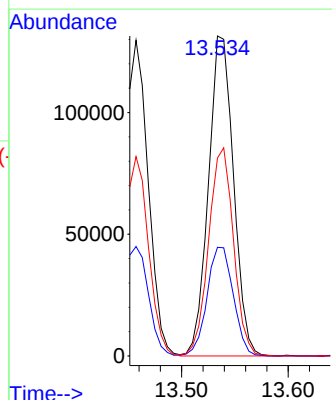
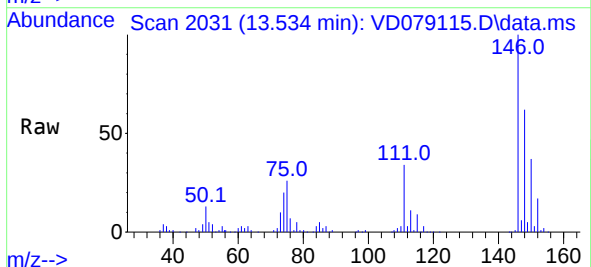
Instrument :
MSVOA_D
ClientSampleId :

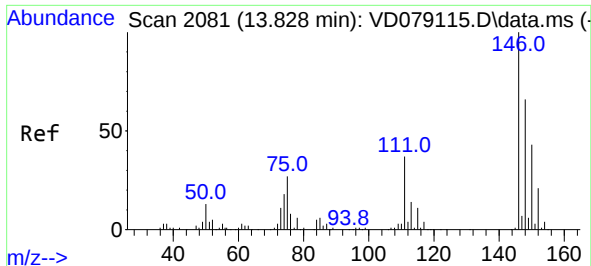
Tgt Ion:146 Resp: 207262
Ion Ratio Lower Upper
146 100
111 34.6 24.4 45.4
148 63.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 26.957 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:146 Resp: 215243
Ion Ratio Lower Upper
146 100
111 33.9 26.3 48.9
148 61.8 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 27.039 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

Instrument :

MSVOA_D

ClientSampleId :

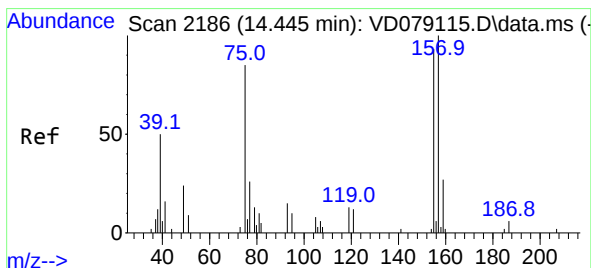
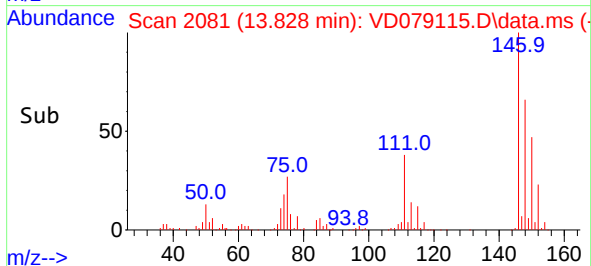
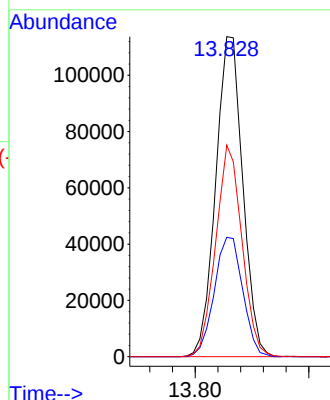
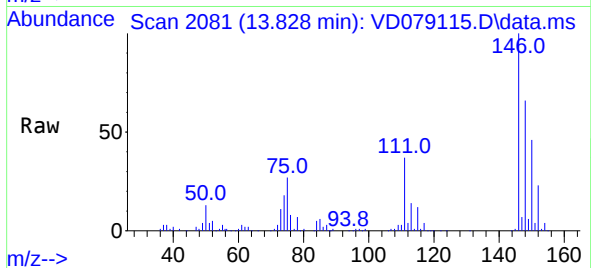
Tgt Ion:146 Resp: 188366

Ion Ratio Lower Upper

146 100

111 37.3 29.1 43.7

148 66.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.874 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD079115.D

Acq: 03 Jun 2024 09:10

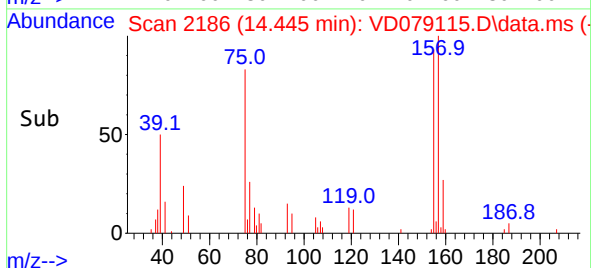
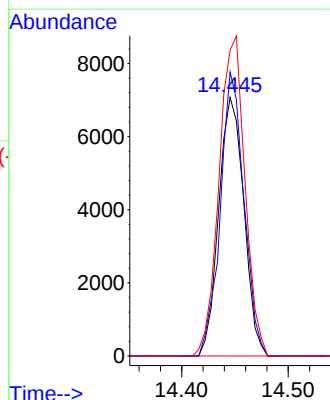
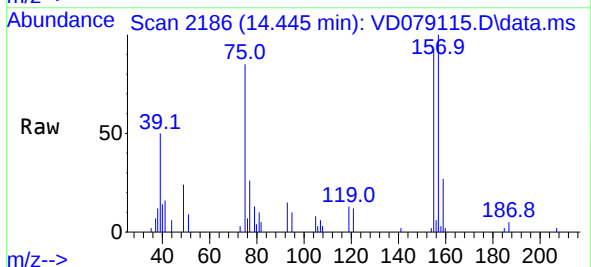
Tgt Ion: 75 Resp: 11571

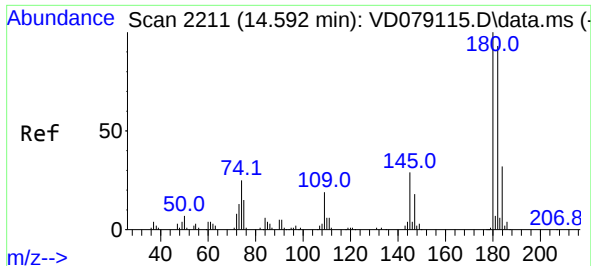
Ion Ratio Lower Upper

75 100

155 109.8 68.1 102.1#

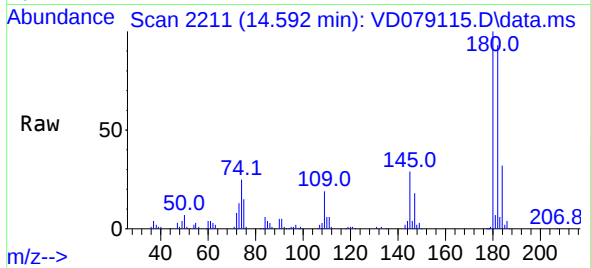
157 118.3 91.6 137.4





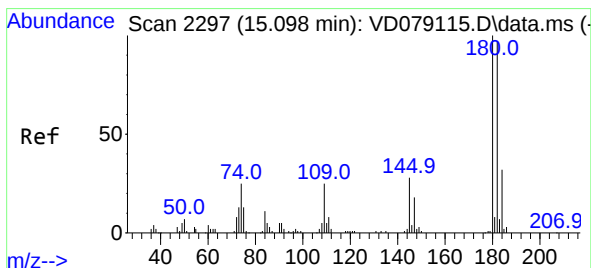
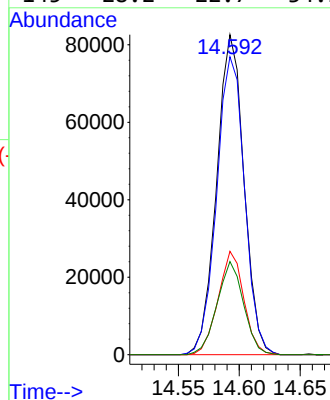
#69
 1,3,5-Trichlorobenzene
 Concen: 27.123 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD079115.D
 Acq: 03 Jun 2024 09:10

Instrument :
 MSVOA_D
 ClientSampleId :

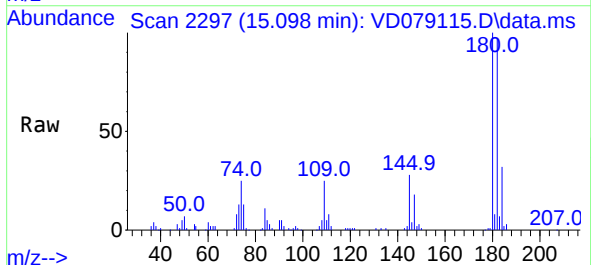


Tgt Ion:180 Resp: 128909

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
184	30.5	23.3	34.9
145	28.2	22.7	34.1

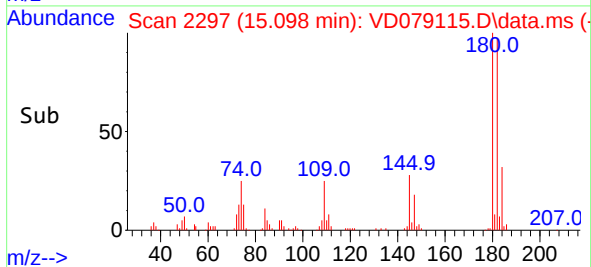
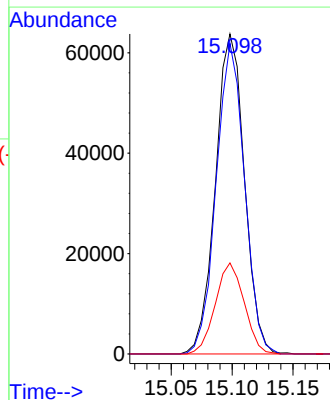


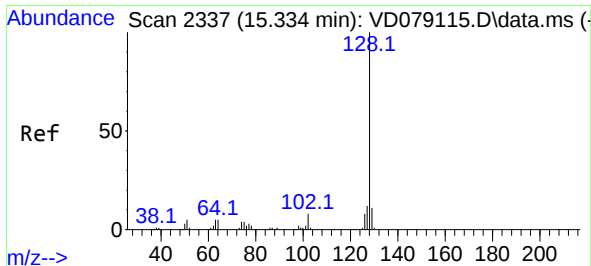
#70
 1,2,4-trichlorobenzene
 Concen: 26.731 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD079115.D
 Acq: 03 Jun 2024 09:10



Tgt Ion:180 Resp: 105513

Ion	Ratio	Lower	Upper
180	100		
182	94.6	73.8	110.6
145	28.3	22.3	33.5

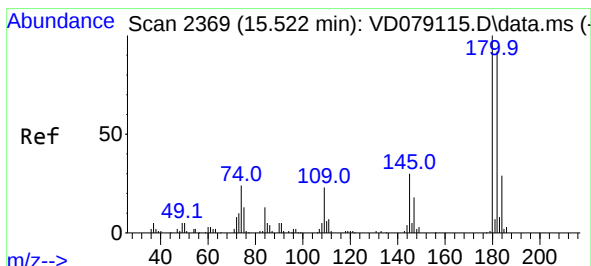
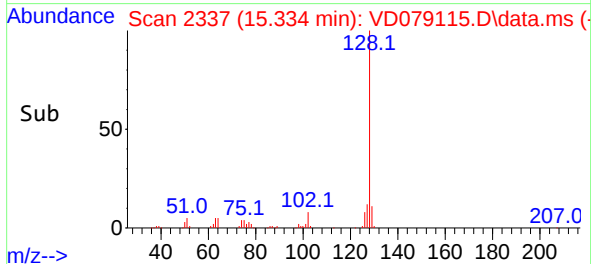
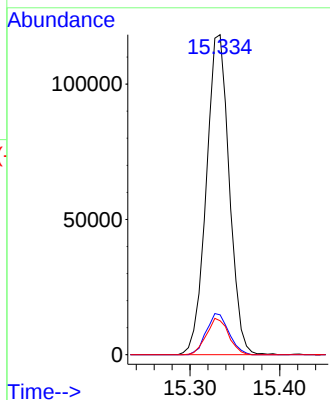
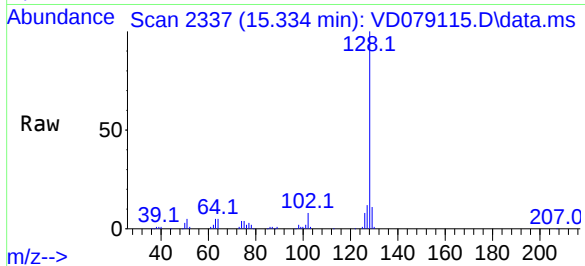




#71
Naphthalene
Concen: 28.456 ug/L
RT: 15.334 min Scan# 210062
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	210062
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 29.344 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD079115.D
Acq: 03 Jun 2024 09:10

Tgt Ion:	180	Resp:	100109
Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.4	119.2
145	30.9	24.7	37.1

