

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077015.D
 Acq On : 25 Aug 2023 14:55
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	284415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293662	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	159552	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	140200	17.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.680%
7) Chloroethane-d5	2.793	69	156447	21.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.560%
11) 1,1-Dichloroethene-d2	3.910	65	37323	20.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	6.987	46	84936	67.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.280%#
24) Chloroform-d	7.569	84	256085	27.651	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	8.228	65	131180	28.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.640%
32) Benzene-d6	8.198	84	469736	25.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	9.210	67	150488	26.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.040%
41) Toluene-d8	10.269	98	438967	25.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.720%
43) trans-1,3-Dichloroprop...	10.522	79	66600	25.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.800%
47) 2-Hexanone-d5	10.875	63	75224	69.372	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.740%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	169314	30.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.480%#
66) 1,2-Dichlorobenzene-d4	13.816	152	176220	30.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	91528	19.415	ug/L	100
3) Chloromethane	2.146	50	163779	26.779	ug/L	99
5) Vinyl chloride	2.275	62	192275	21.984	ug/L	96
6) Bromomethane	2.687	94	136524	20.912	ug/L	100
8) Chloroethane	2.828	64	132172	22.449	ug/L	100
9) Trichlorofluoromethane	3.169	101	165722	22.885	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	102665	21.758	ug/L	98
12) 1,1-Dichloroethene	3.928	96	97563	23.318	ug/L	90
13) Acetone	4.016	43	76100	59.263	ug/L	90
14) Carbon disulfide	4.263	76	332409	22.890	ug/L	98
15) Methyl Acetate	4.558	43	51490	23.723	ug/L #	83
16) Methylene chloride	4.799	84	145185	24.335	ug/L	79
17) trans-1,2-Dichloroethene	5.305	96	115845	24.453	ug/L	80
18) Methyl tert-butyl Ether	5.322	73	259663	24.810	ug/L #	92
19) 1,1-Dichloroethane	6.104	63	188705	23.856	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	130810	24.735	ug/L	89
22) 2-Butanone	7.075	43	91465	50.910	ug/L	85
23) Bromochloromethane	7.422	128	64437	25.121	ug/L #	74
25) Chloroform	7.593	83	215282	24.850	ug/L	94

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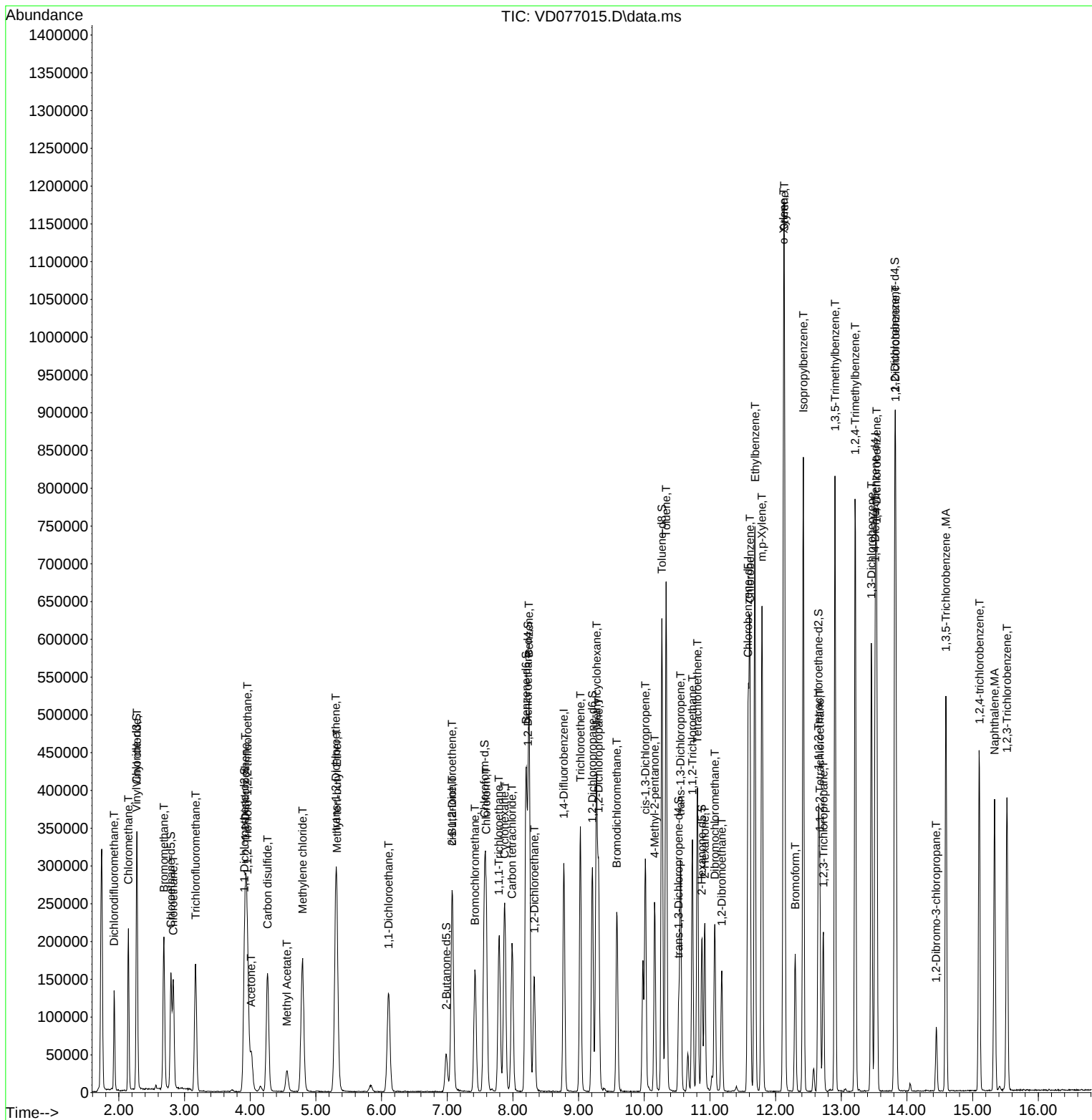
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 ClientSampleId :

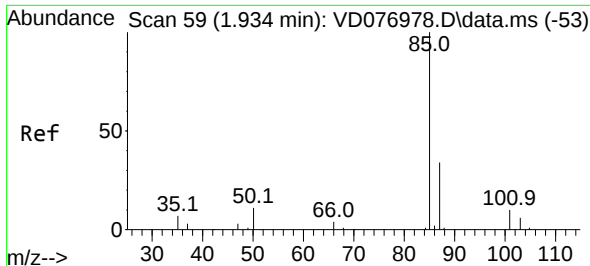
Quant Time: Aug 25 23:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	134680	24.804	ug/L	99
29) Cyclohexane	7.875	56	136200	21.069	ug/L #	81
30) 1,1,1-Trichloroethane	7.787	97	174374	23.964	ug/L	96
31) Carbon tetrachloride	7.987	117	147156	24.711	ug/L	100
33) Benzene	8.246	78	463908	24.100	ug/L	100
34) Trichloroethene	9.028	95	118828	23.705	ug/L	93
35) Methylcyclohexane	9.275	83	179990	22.018	ug/L	90
37) 1,2-Dichloropropane	9.304	63	116789	23.884	ug/L #	97
38) Bromodichloromethane	9.581	83	162986	24.204	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	196560	24.907	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	153986	49.981	ug/L #	89
42) Toluene	10.334	91	524417	25.054	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	173382	25.139	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	108371	24.937	ug/L	98
46) Tetrachloroethene	10.810	164	96260	25.479	ug/L	91
48) 2-Hexanone	10.922	43	131692	55.583	ug/L #	92
49) Dibromochloromethane	11.075	129	122709	25.381	ug/L	98
50) 1,2-Dibromoethane	11.181	107	106356	25.093	ug/L	91
51) Chlorobenzene	11.610	112	342530	25.117	ug/L	95
52) Ethylbenzene	11.687	91	556478	24.949	ug/L	99
53) m,p-Xylene	11.792	106	220989	25.678	ug/L	93
54) o-Xylene	12.122	106	210488	25.430	ug/L	99
55) Styrene	12.134	104	391144	26.136	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	134966	25.110	ug/L	96
59) Bromoform	12.298	173	83401	26.357	ug/L #	98
60) Isopropylbenzene	12.422	105	542183	23.628	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	87712	23.554	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	431429	24.681	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	435316	25.023	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	258591	24.693	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	269355	24.883	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	241299	24.579	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	19200	22.503	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	168145	25.657	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	149413	25.918	ug/L	97
71) Naphthalene	15.333	128	338229	24.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	136422	26.095	ug/L	97

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

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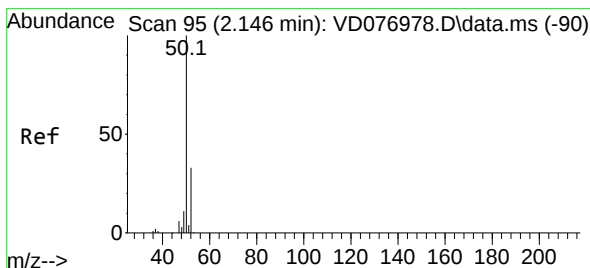
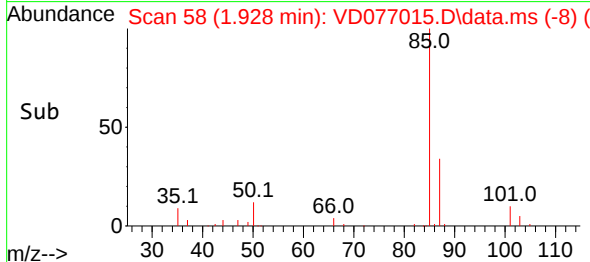
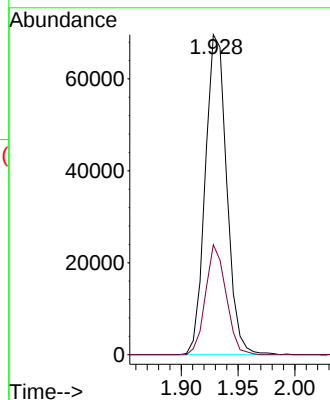
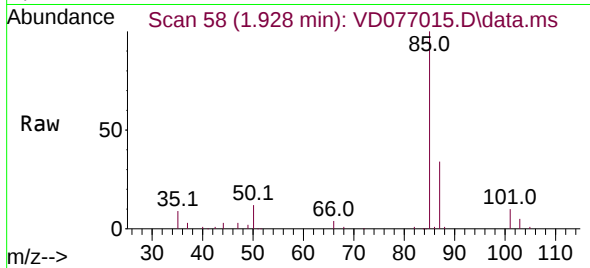




#2
Dichlorodifluoromethane
Concen: 19.415 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

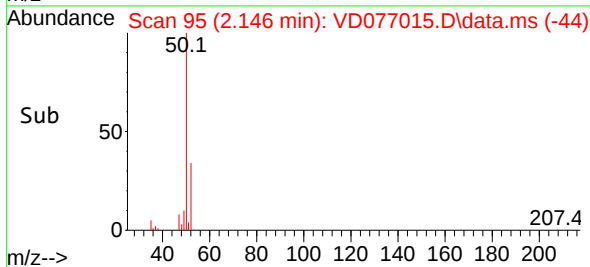
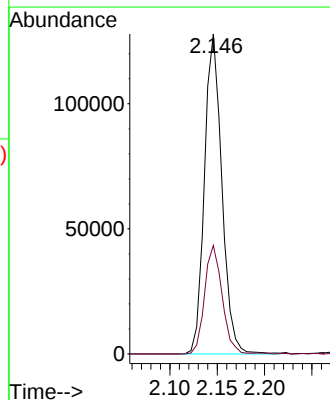
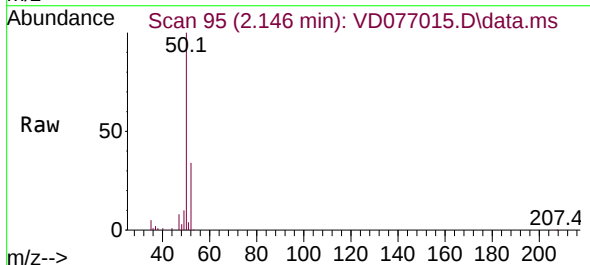
Instrument :
MSVOA_D
ClientSampleId :

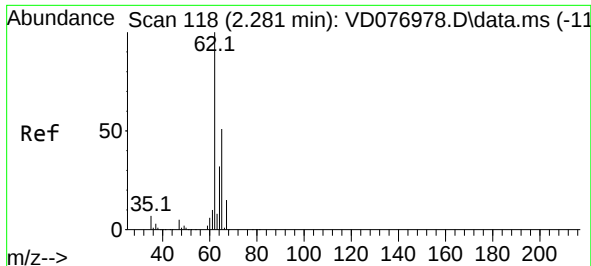
Tgt Ion: 85 Resp: 91528
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5



#3
Chloromethane
Concen: 26.779 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion: 50 Resp: 163779
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

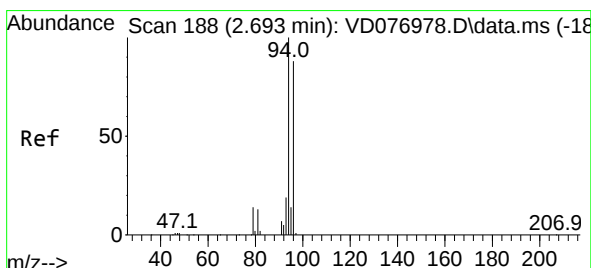
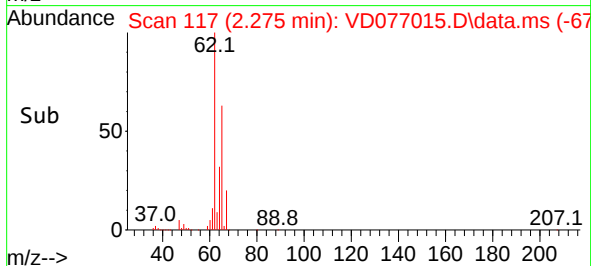
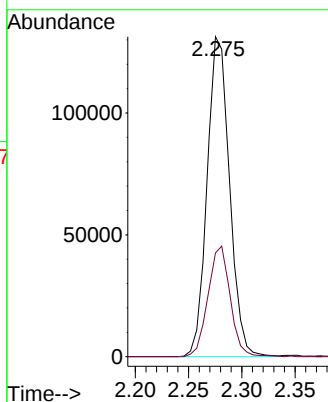
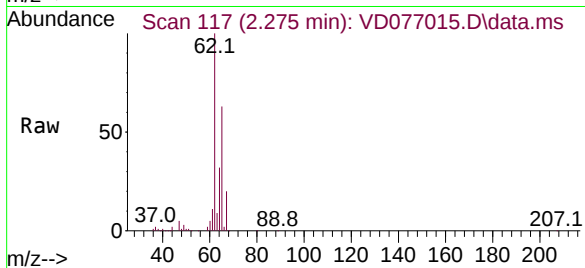




#5
 Vinyl chloride
 Concen: 21.984 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

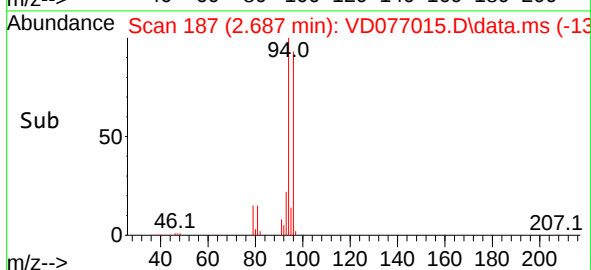
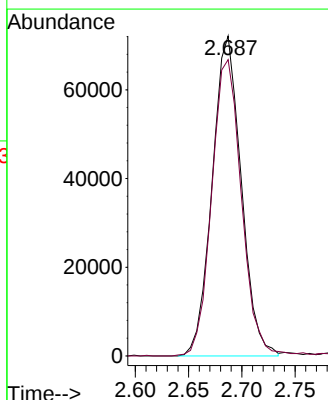
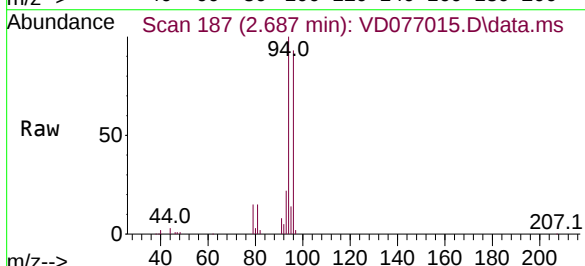
Instrument :
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 ClientSampleId :

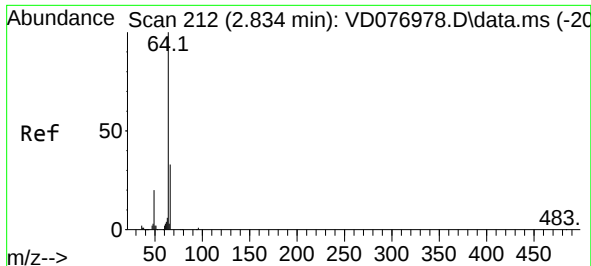
Tgt Ion: 62 Resp: 192275
 Ion Ratio Lower Upper
 62 100
 64 32.4 21.1 39.1



#6
 Bromomethane
 Concen: 20.912 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

Tgt Ion: 94 Resp: 136524
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.7 120.1

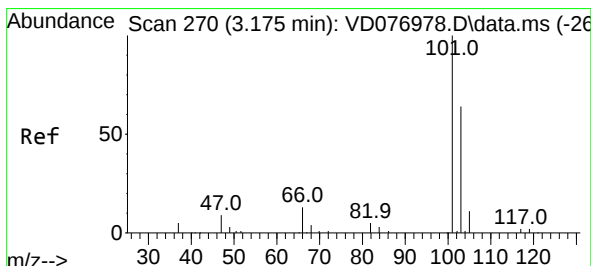
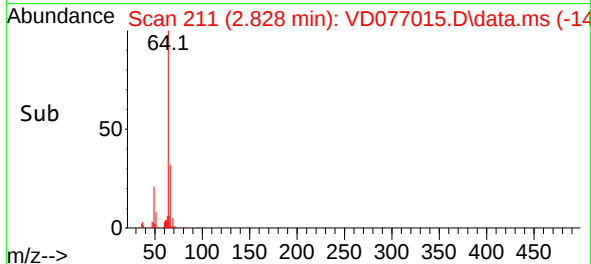
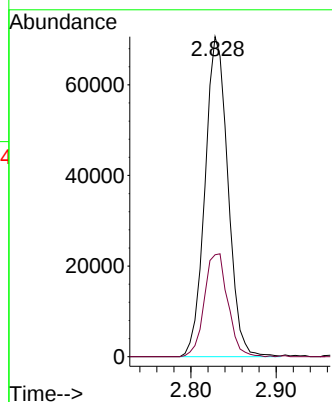
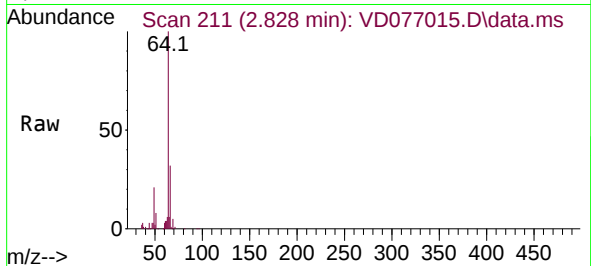




#8
Chloroethane
Concen: 22.449 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

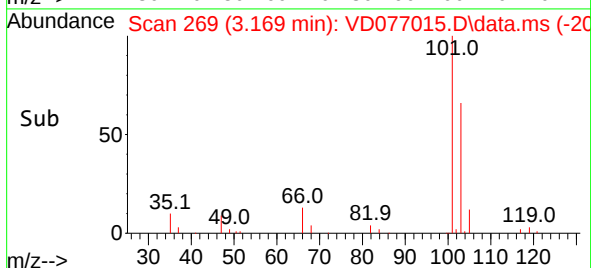
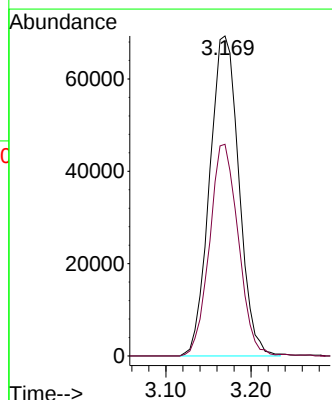
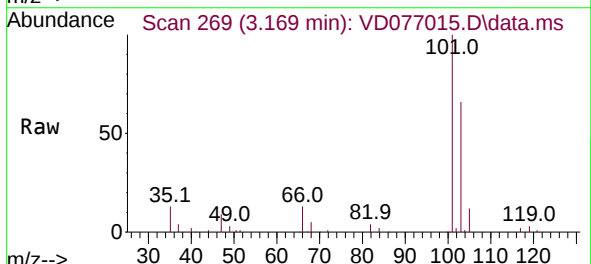
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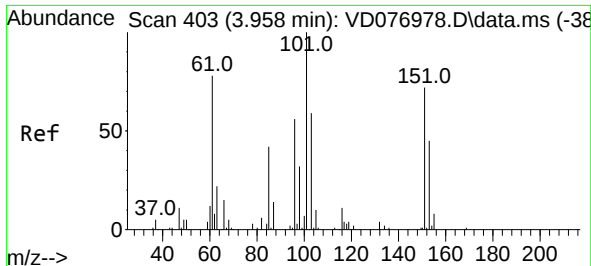
Tgt Ion: 64 Resp: 132172
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.885 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion:101 Resp: 165722
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

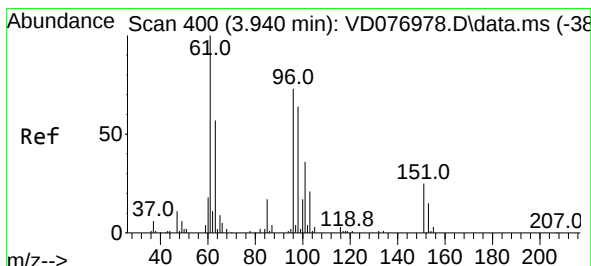
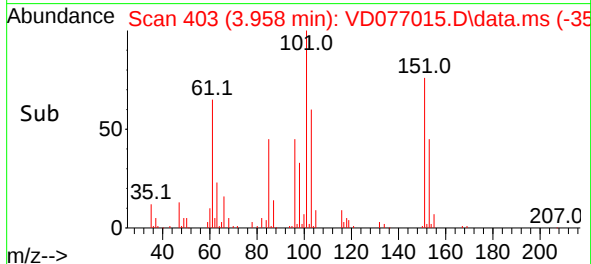
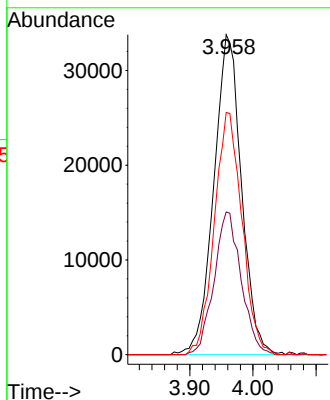
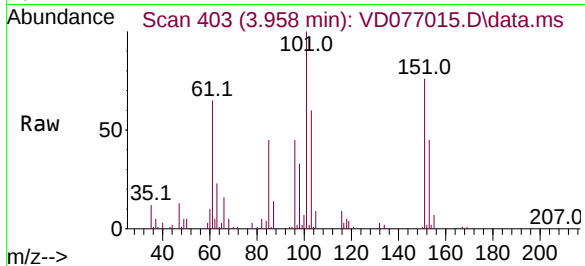




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.758 ug/L
 RT: 3.958 min Scan# 403
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

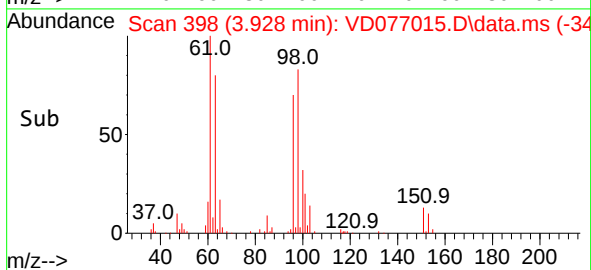
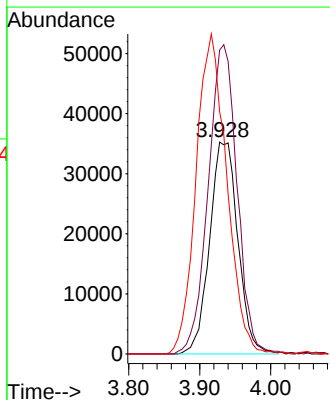
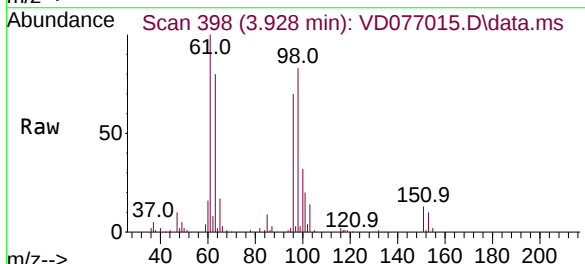
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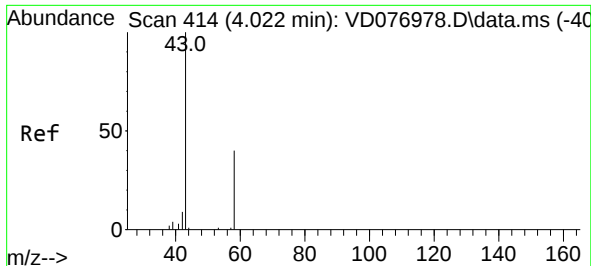
Tgt Ion:101 Resp: 102665
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.5 53.3
 151 75.6 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 23.318 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.012 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

Tgt Ion: 96 Resp: 97563
 Ion Ratio Lower Upper
 96 100
 61 143.4 113.0 209.8
 63 114.3 83.6 155.2





#13

Acetone

Concen: 59.263 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

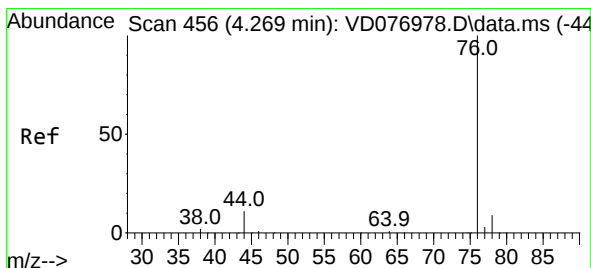
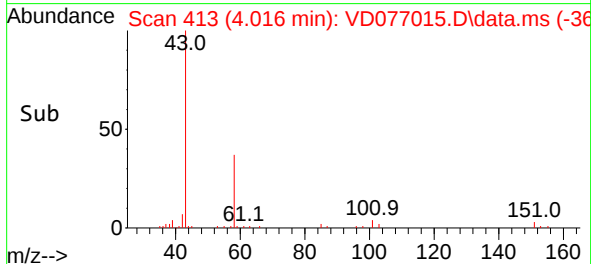
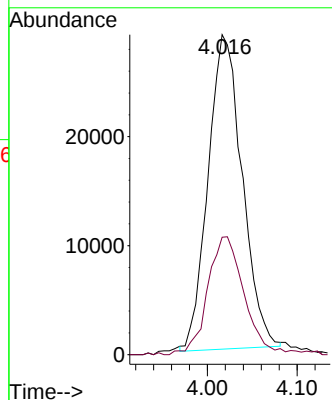
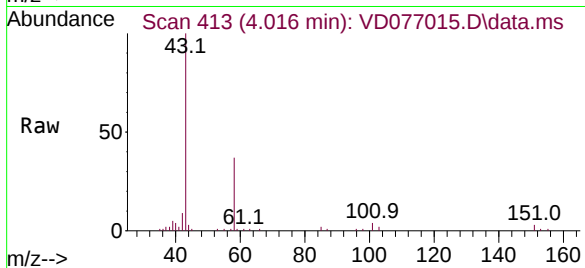
ClientSampleId :

Tgt Ion: 43 Resp: 76100

Ion Ratio Lower Upper

43 100

58 39.2 0.0 67.4



#14

Carbon disulfide

Concen: 22.890 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD077015.D

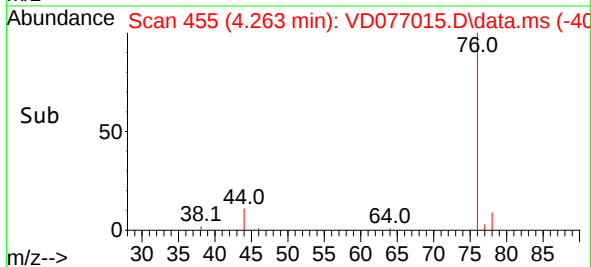
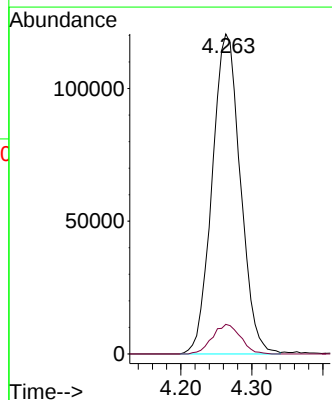
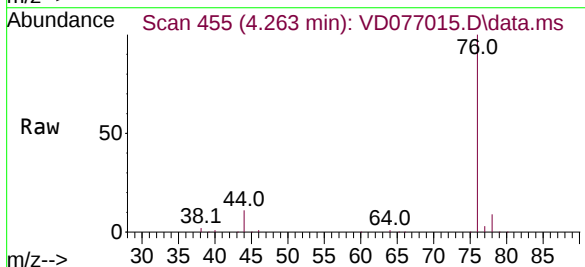
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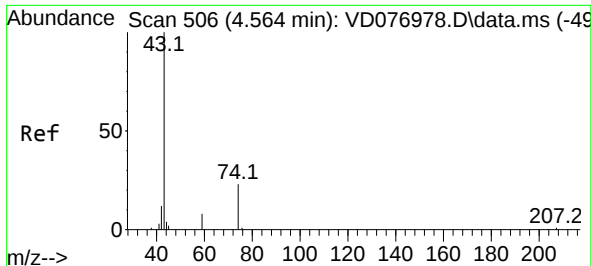
Tgt Ion: 76 Resp: 332409

Ion Ratio Lower Upper

76 100

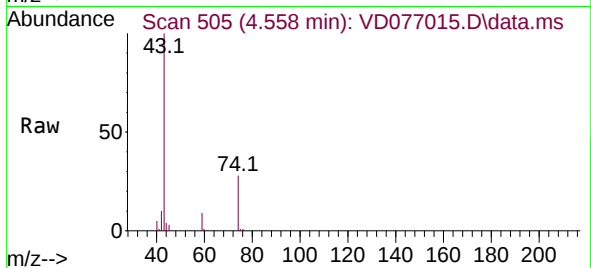
78 9.3 7.0 10.4



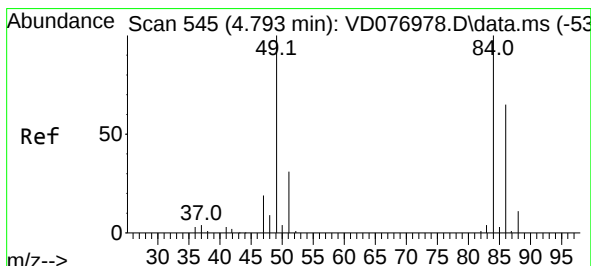
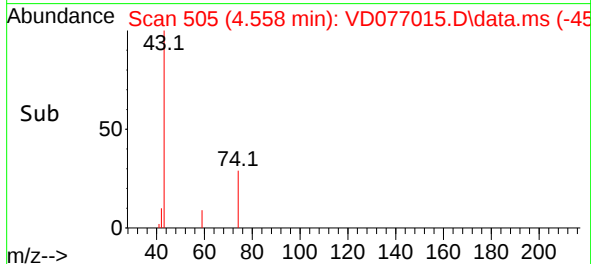
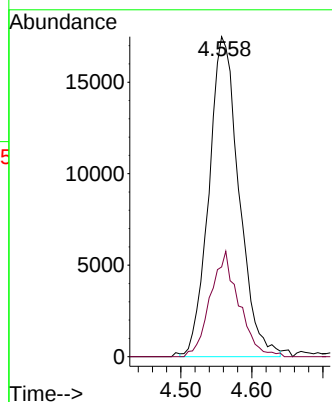


#15
Methyl Acetate
Concen: 23.723 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

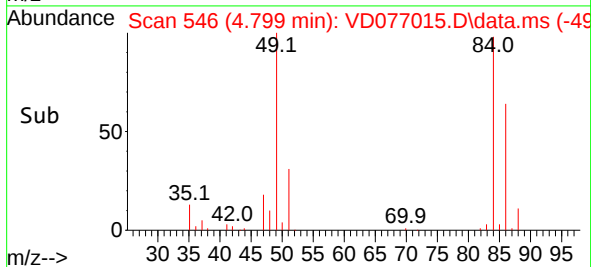
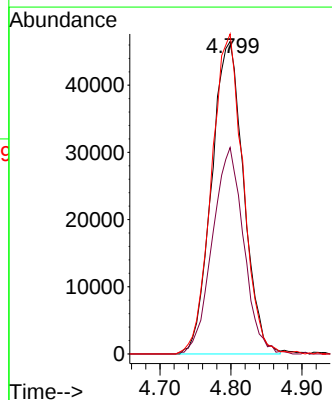
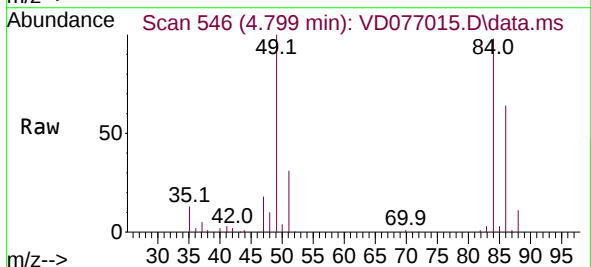


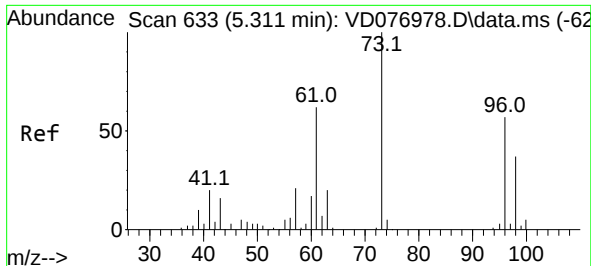
Tgt Ion: 43 Resp: 51490
Ion Ratio Lower Upper
43 100
74 30.8 18.2 27.2#



#16
Methylene chloride
Concen: 24.335 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

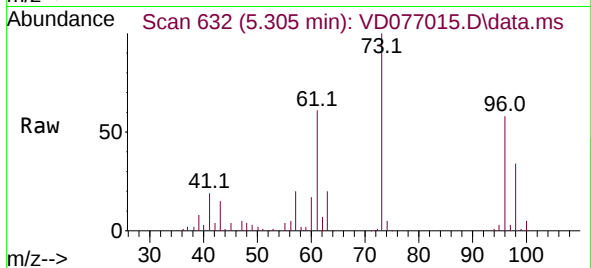
Tgt Ion: 84 Resp: 145185
Ion Ratio Lower Upper
84 100
86 66.0 45.1 83.9
49 102.4 97.2 180.6



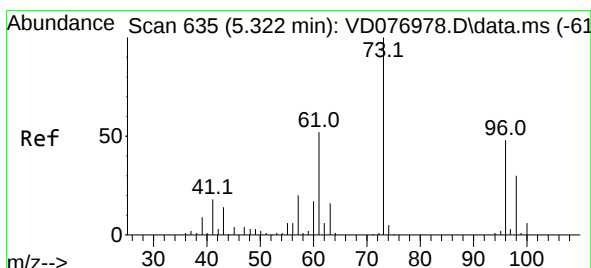
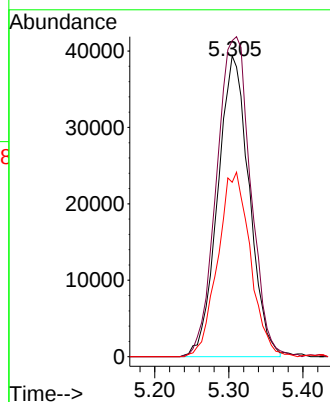
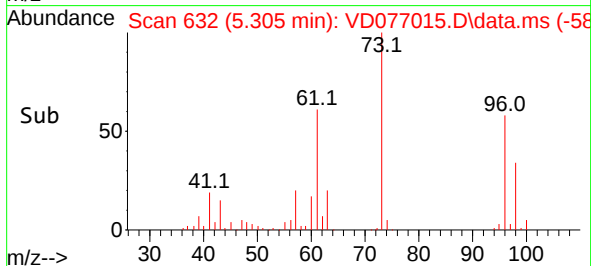


#17
trans-1,2-Dichloroethene
Concen: 24.453 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

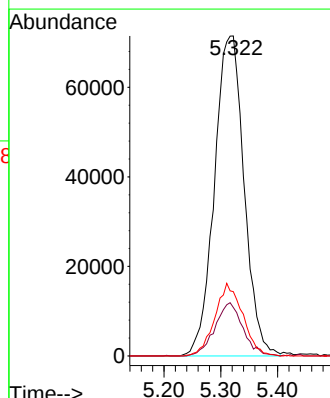
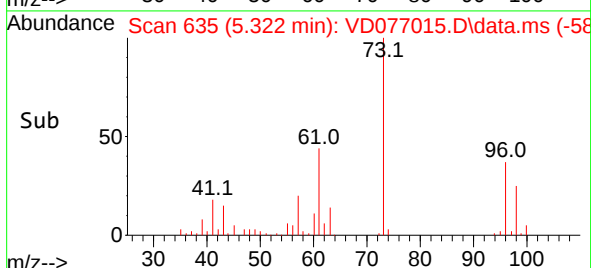
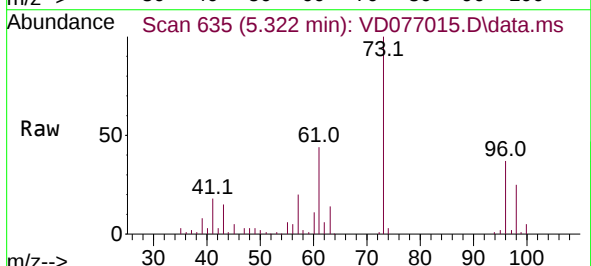


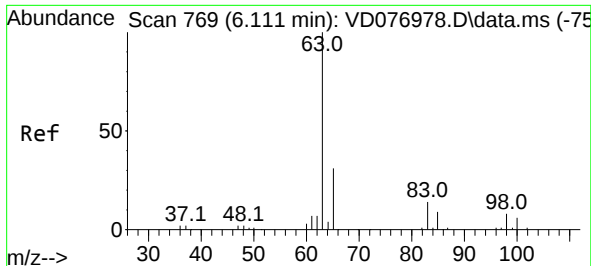
Tgt Ion: 96 Resp: 115845
Ion Ratio Lower Upper
96 100
61 105.1 94.5 175.5
98 58.0 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 24.810 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion: 73 Resp: 259663
Ion Ratio Lower Upper
73 100
43 15.7 7.2 10.8#
57 21.2 18.6 28.0





#19

1,1-Dichloroethane

Concen: 23.856 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.006 min MSVOA_D

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :

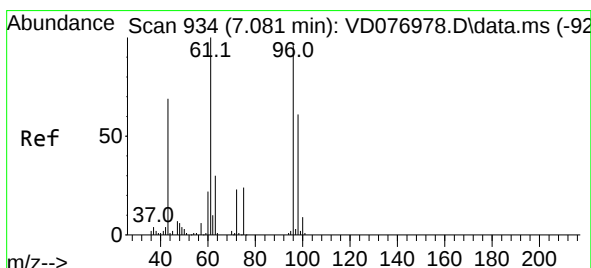
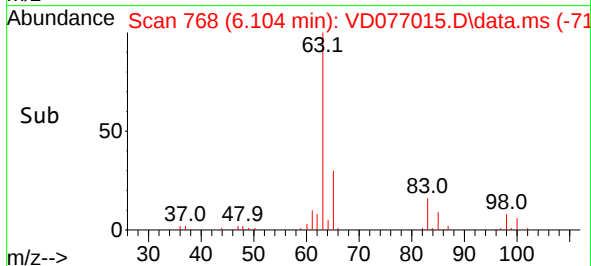
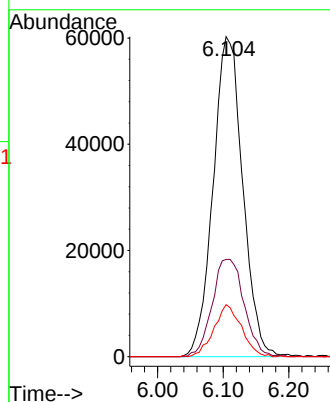
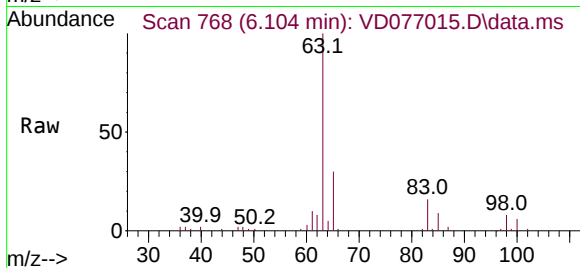
Tgt Ion: 63 Resp: 188705

Ion Ratio Lower Upper

63 100

65 30.4 20.8 38.6

83 16.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.735 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

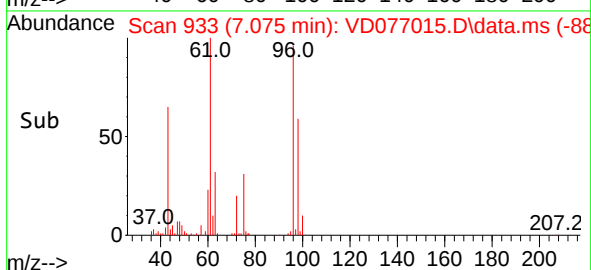
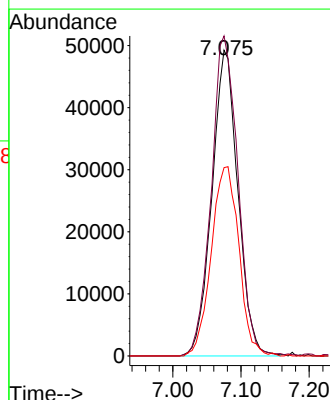
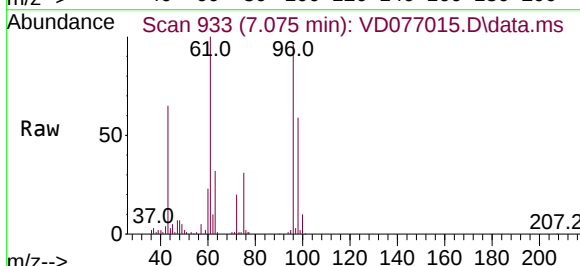
Tgt Ion: 96 Resp: 130810

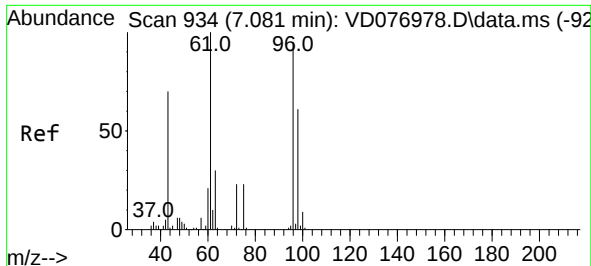
Ion Ratio Lower Upper

96 100

61 104.7 86.0 159.6

98 61.6 42.2 78.4





#22

2-Butanone

Concen: 50.910 ug/L

RT: 7.075 min Scan# 914

Delta R.T. -0.006 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

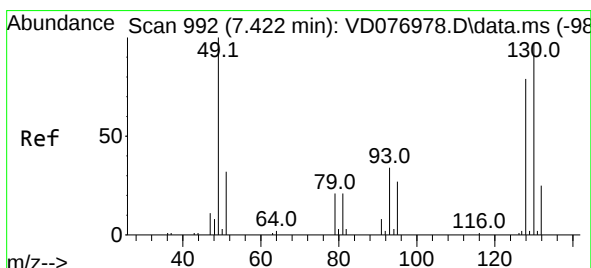
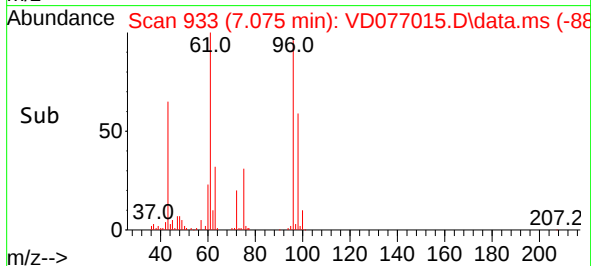
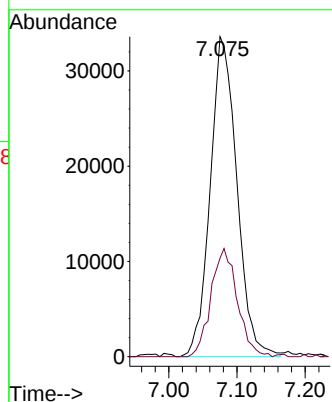
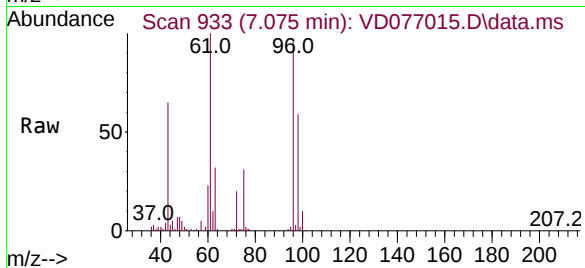
ClientSampleId :

Tgt Ion: 43 Resp: 91465

Ion Ratio Lower Upper

43 100

72 33.3 12.9 38.7



#23

Bromochloromethane

Concen: 25.121 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Tgt Ion: 128 Resp: 64437

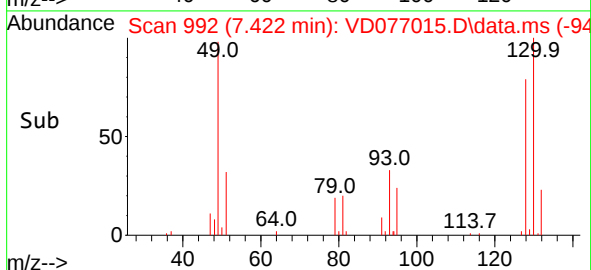
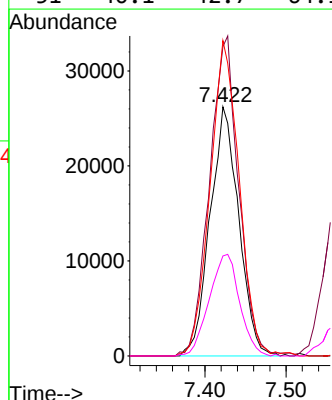
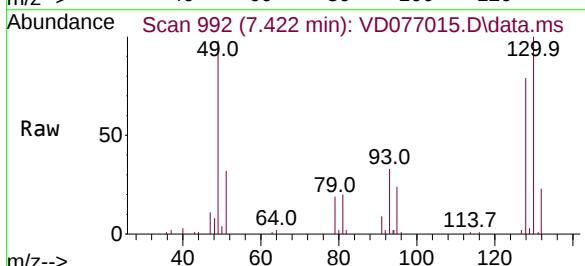
Ion Ratio Lower Upper

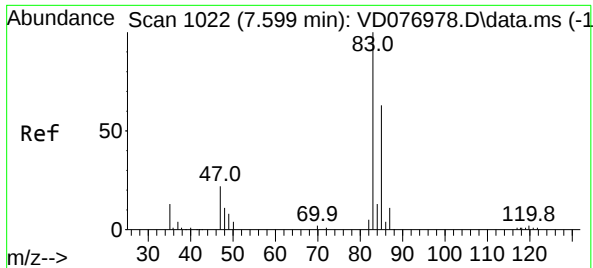
128 100

49 124.2 124.7 231.7#

130 126.6 80.0 148.6

51 40.1 42.7 64.1#





#25

Chloroform

Concen: 24.850 ug/L

RT: 7.593 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

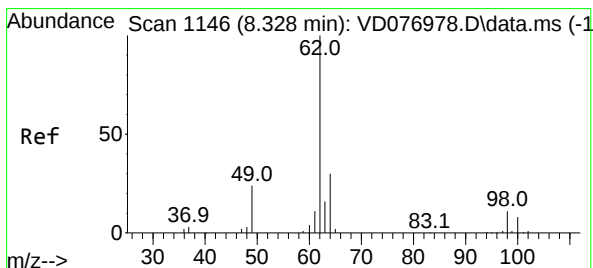
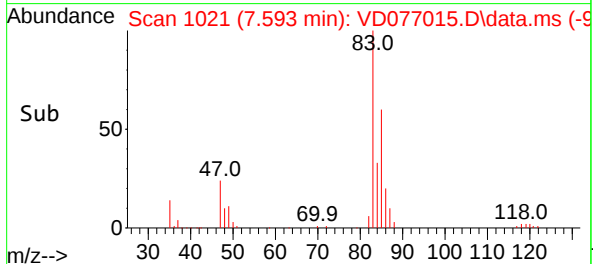
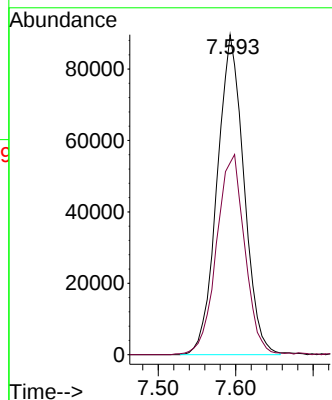
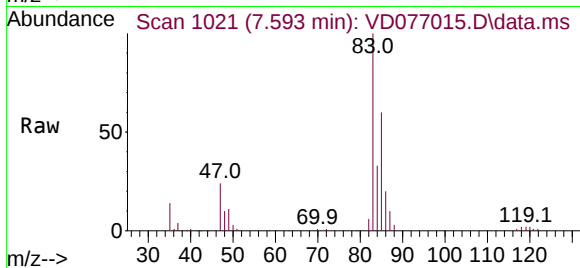
ClientSampleId :

Tgt Ion: 83 Resp: 215282

Ion Ratio Lower Upper

83 100

85 60.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 24.804 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077015.D

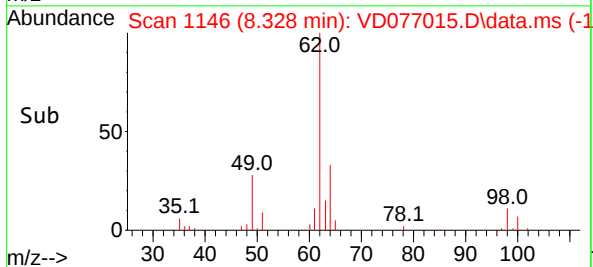
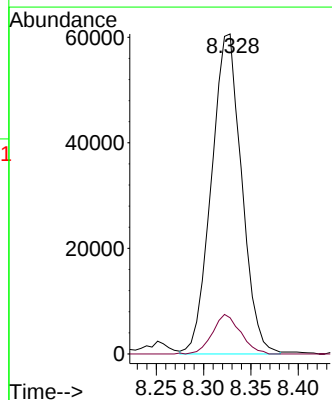
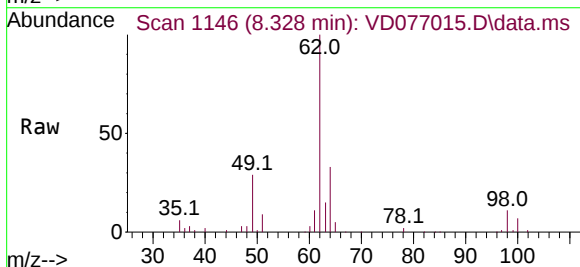
Acq: 25 Aug 2023 14:55

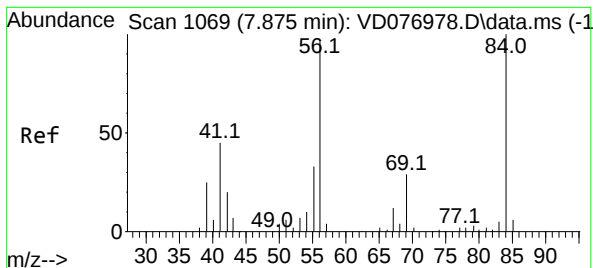
Tgt Ion: 62 Resp: 134680

Ion Ratio Lower Upper

62 100

98 11.3 8.7 13.1





#29

Cyclohexane

Concen: 21.069 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :

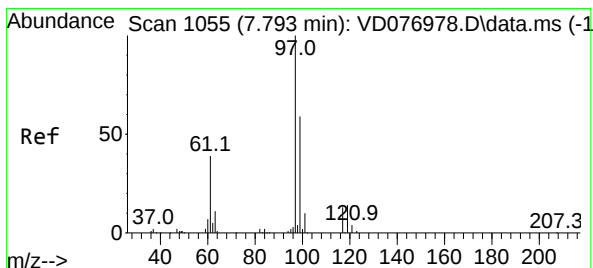
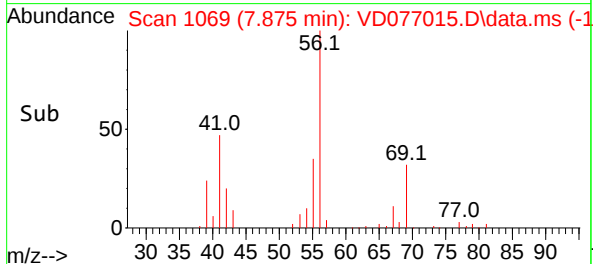
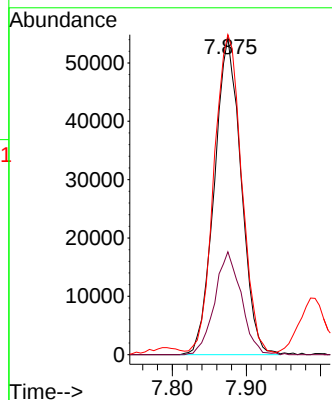
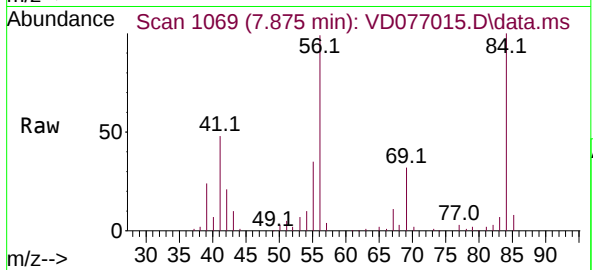
Tgt Ion: 56 Resp: 136200

Ion Ratio Lower Upper

56 100

69 32.0 23.4 35.0

84 104.3 66.3 99.5#



#30

1,1,1-Trichloroethane

Concen: 23.964 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

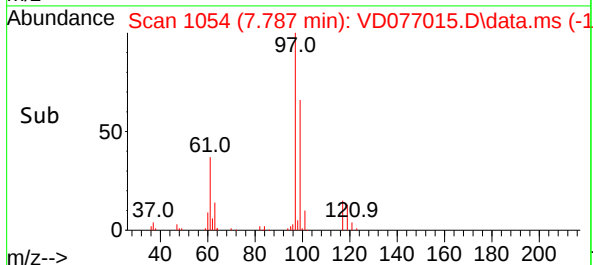
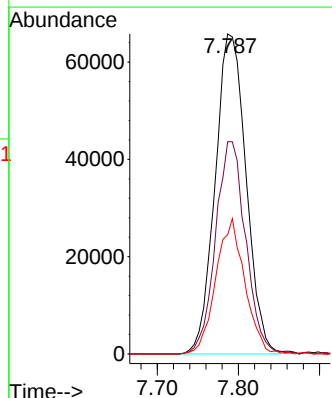
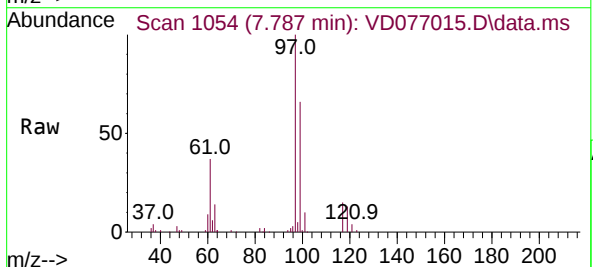
Tgt Ion: 97 Resp: 174374

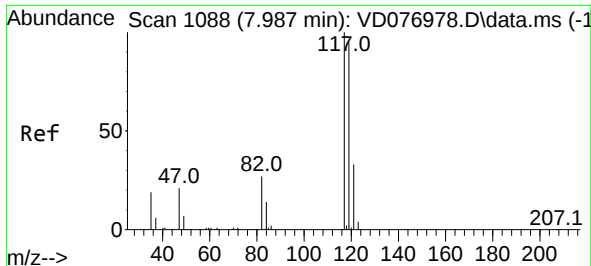
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

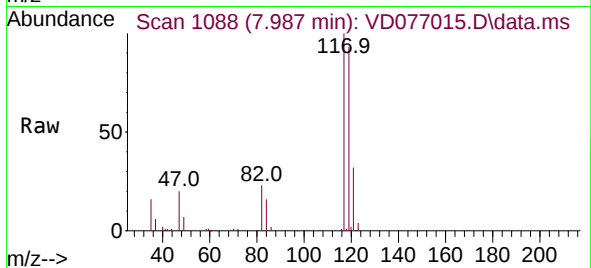
61 39.5 36.4 54.6



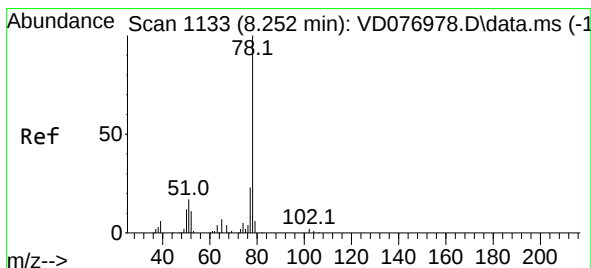
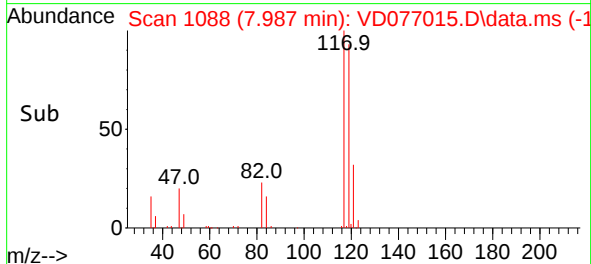
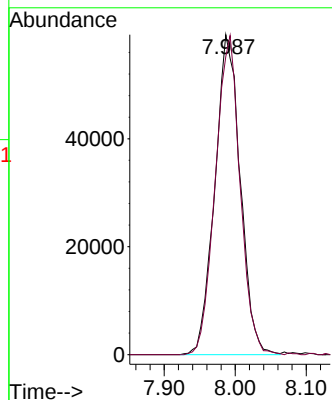


#31
Carbon tetrachloride
Concen: 24.711 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

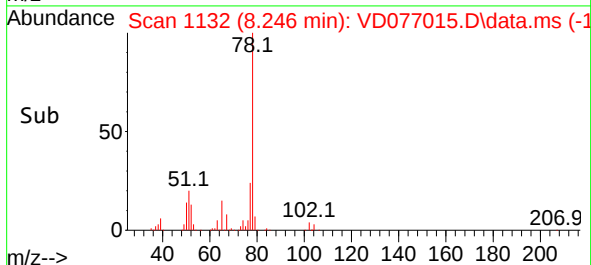
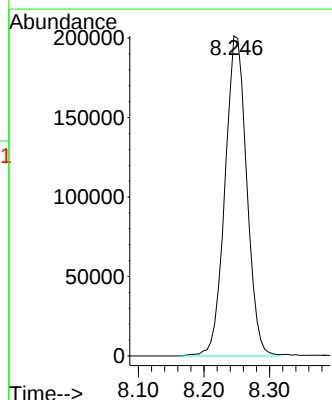
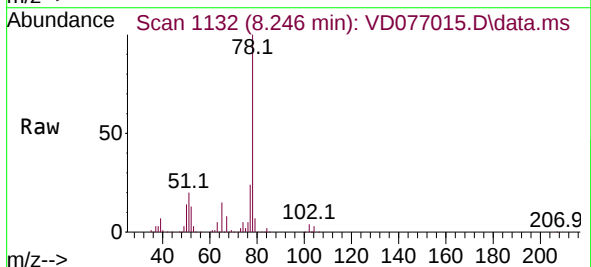


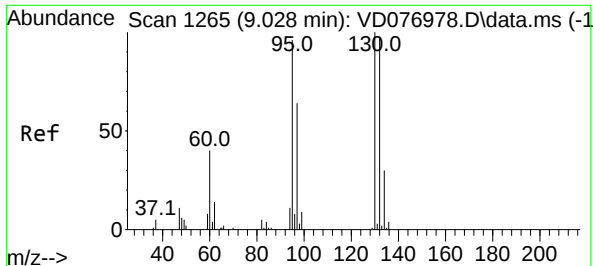
Tgt Ion:117 Resp: 147156
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.6



#33
Benzene
Concen: 24.100 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

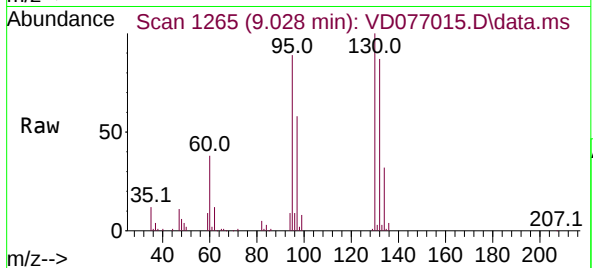
Tgt Ion: 78 Resp: 463908



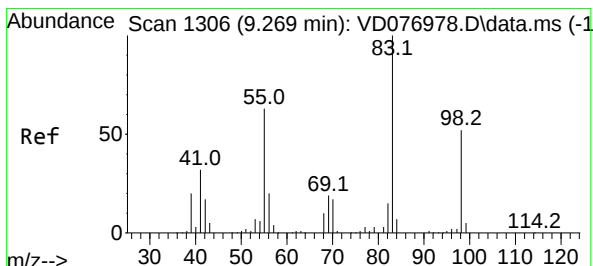
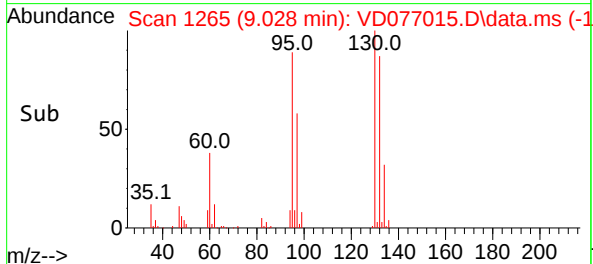
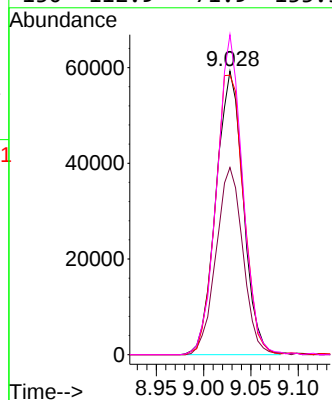


#34
Trichloroethene
Concen: 23.705 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

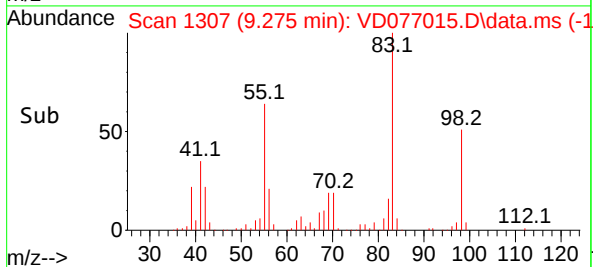
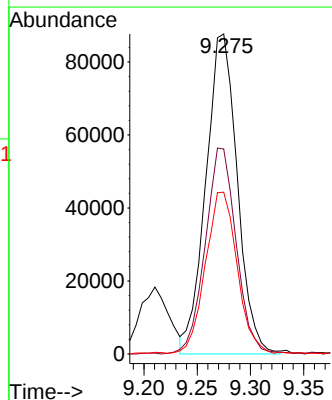
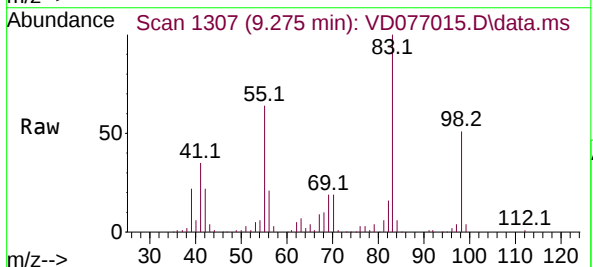


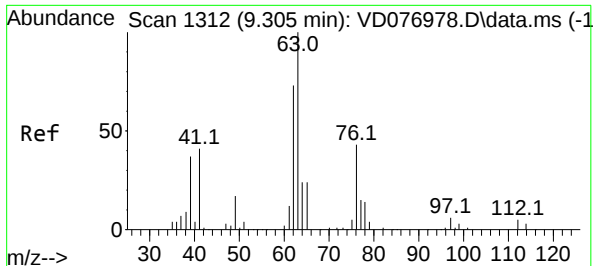
Tgt Ion: 95 Resp: 118828
Ion Ratio Lower Upper
95 100
97 66.0 43.1 80.1
132 98.6 71.8 133.4
130 112.9 71.9 133.5



#35
Methylcyclohexane
Concen: 22.018 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion: 83 Resp: 179990
Ion Ratio Lower Upper
83 100
55 63.4 59.8 89.6
98 50.7 37.8 56.6





#37

1,2-Dichloropropane

Concen: 23.884 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

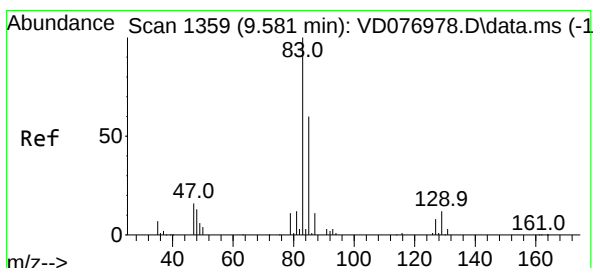
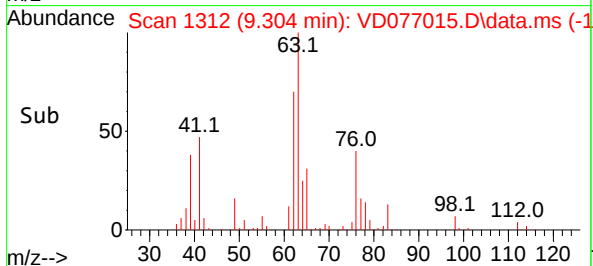
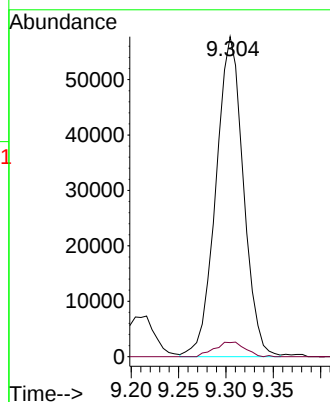
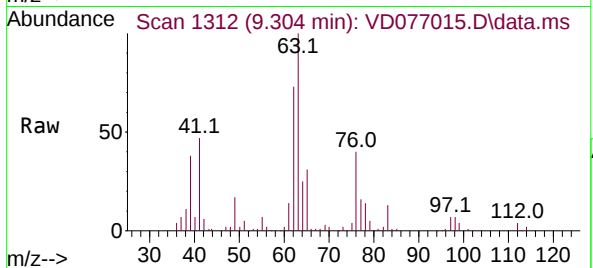
ClientSampleId :

Tgt Ion: 63 Resp: 116789

Ion Ratio Lower Upper

63 100

112 5.0 3.1 4.7#



#38

Bromodichloromethane

Concen: 24.204 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

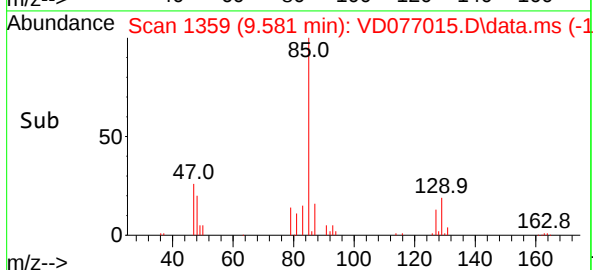
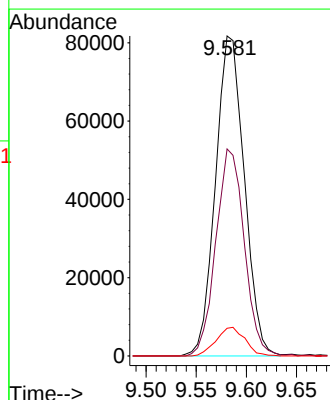
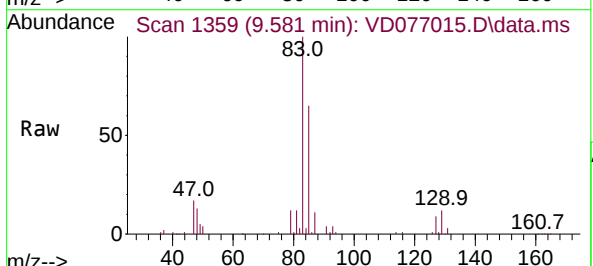
Tgt Ion: 83 Resp: 162986

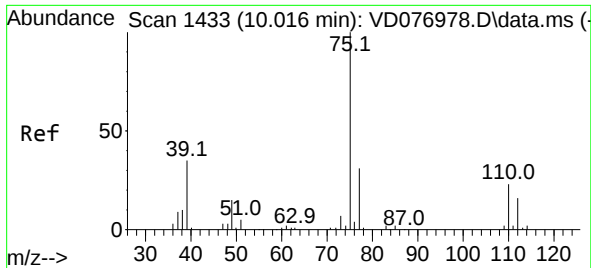
Ion Ratio Lower Upper

83 100

85 64.7 43.9 81.5

127 8.6 6.6 9.8

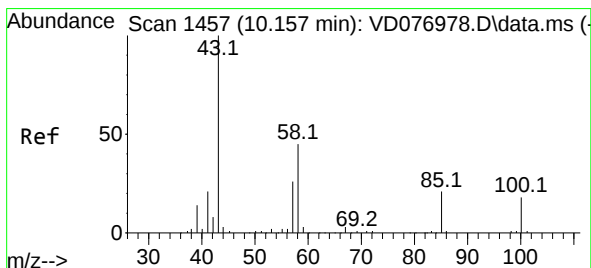
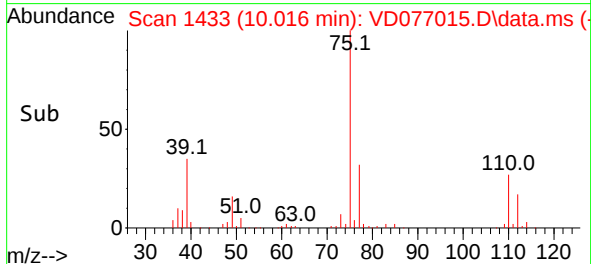
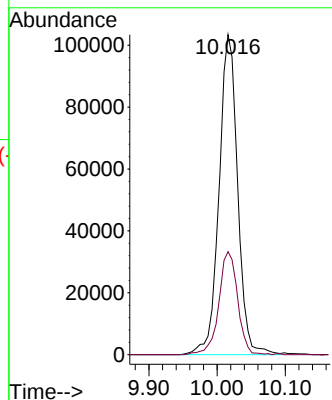
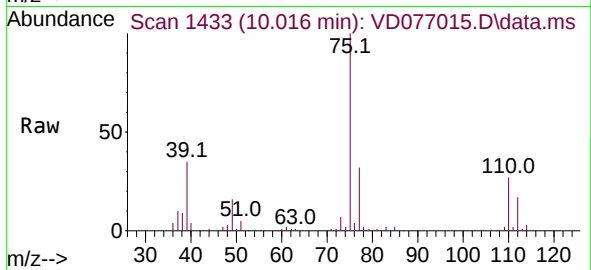




#39
 cis-1,3-Dichloropropene
 Concen: 24.907 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

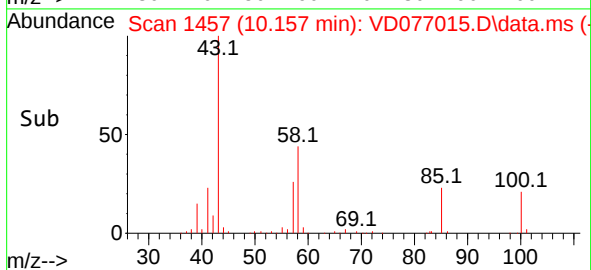
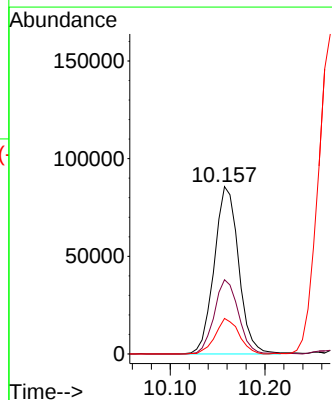
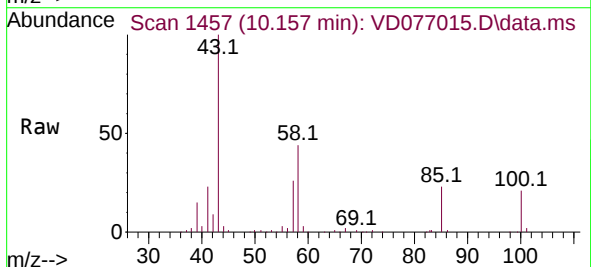
Instrument :
 MSVOA_D
 ClientSampleId :

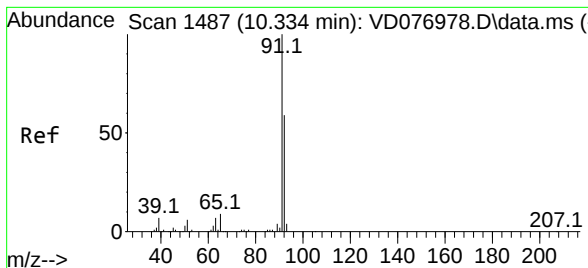
Tgt Ion: 75 Resp: 196560
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 49.981 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

Tgt Ion: 43 Resp: 153986
 Ion Ratio Lower Upper
 43 100
 58 43.6 30.7 46.1
 100 20.6 11.0 16.4#





#42

Toluene

Concen: 25.054 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

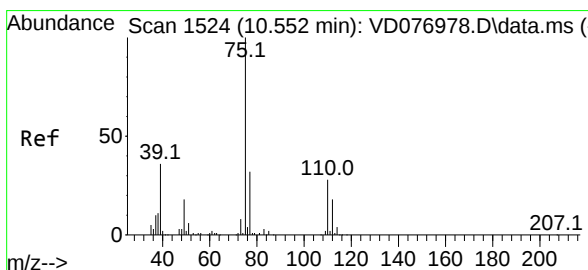
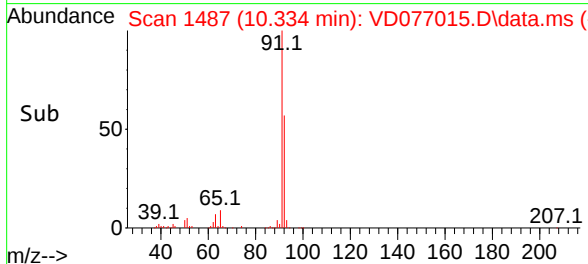
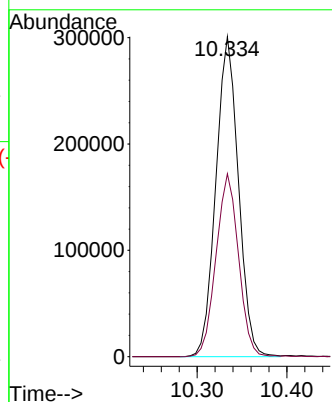
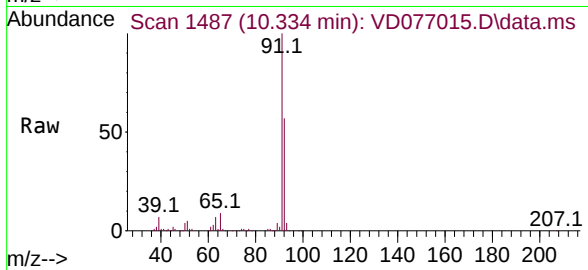
ClientSampleId :

Tgt Ion: 91 Resp: 524417

Ion Ratio Lower Upper

91 100

92 57.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.139 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077015.D

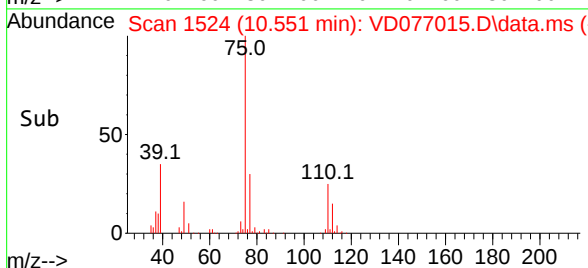
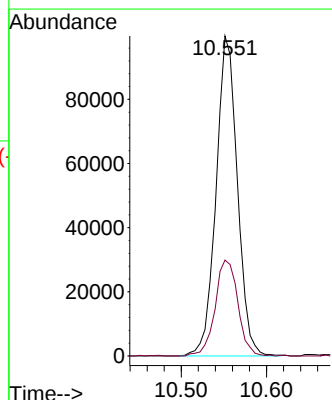
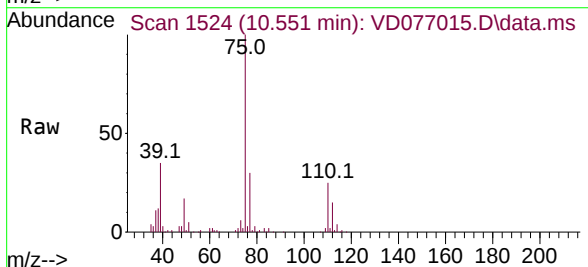
Acq: 25 Aug 2023 14:55

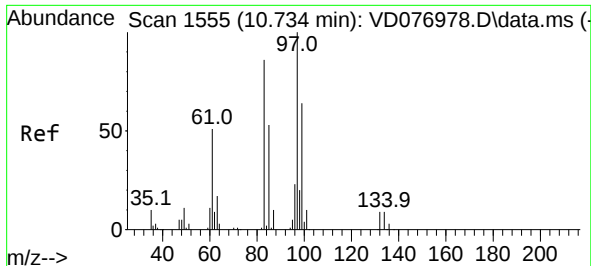
Tgt Ion: 75 Resp: 173382

Ion Ratio Lower Upper

75 100

77 29.9 22.5 41.7

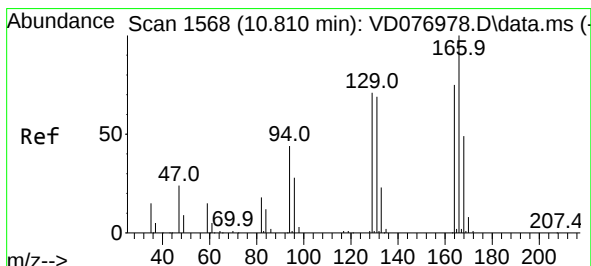
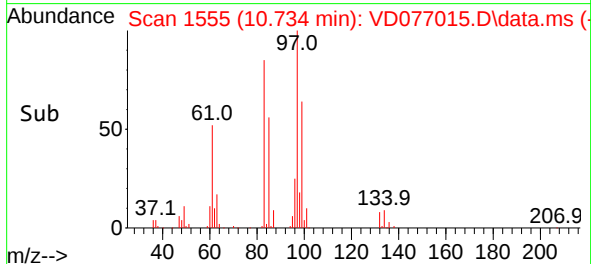
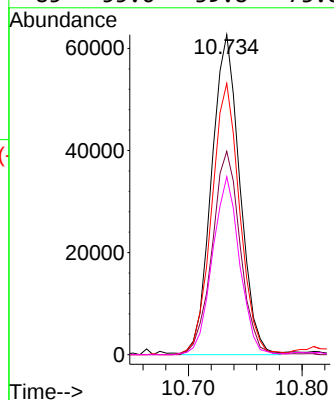
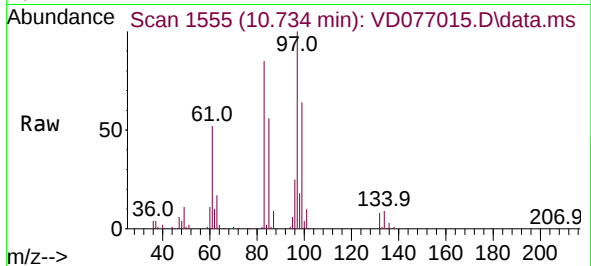




#45
1,1,2-Trichloroethane
Concen: 24.937 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

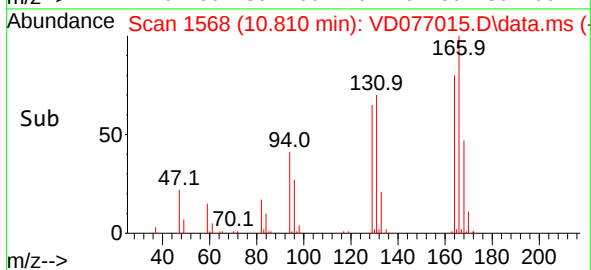
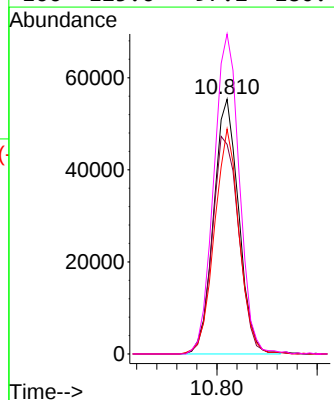
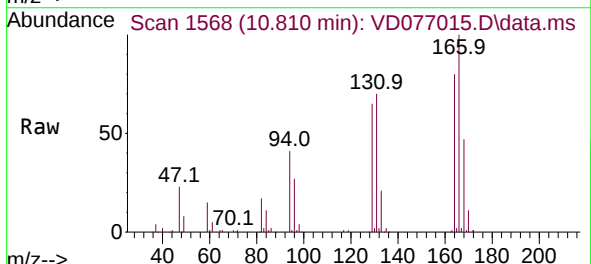
Instrument :
MSVOA_D
ClientSampleId :

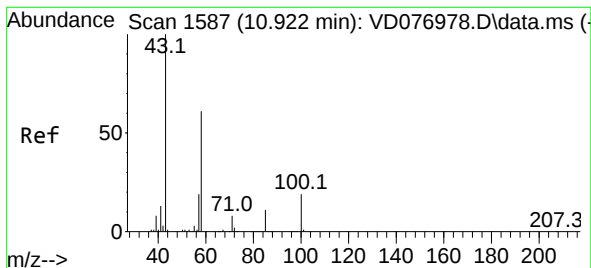
Tgt Ion: 97	Resp: 108371
Ion Ratio	Lower Upper
97 100	
99 63.5	41.9 77.9
83 84.7	59.2 110.0
85 55.6	39.8 73.8



#46
Tetrachloroethene
Concen: 25.479 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion:164	Resp: 96260
Ion Ratio	Lower Upper
164 100	
129 82.3	65.5 121.6
131 88.3	64.8 120.3
166 125.6	97.2 180.4





#48

2-Hexanone

Concen: 55.583 ug/L

RT: 10.922 min Scan# 1

Delta R.T. -0.000 min

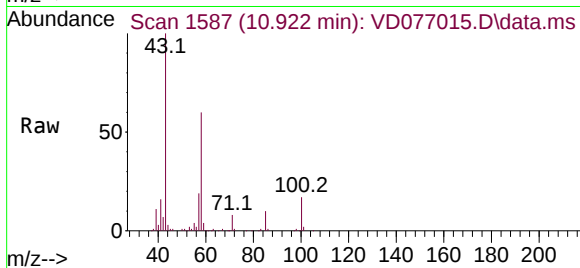
Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 131692

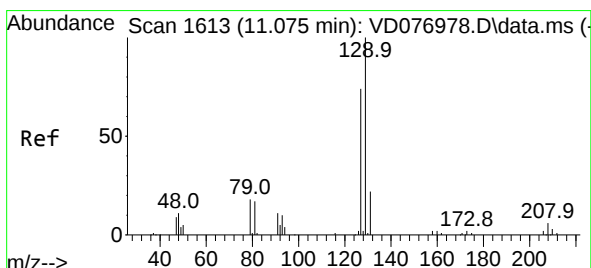
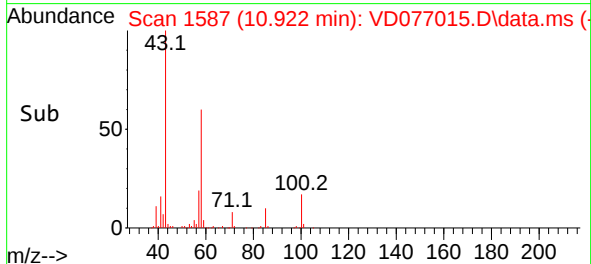
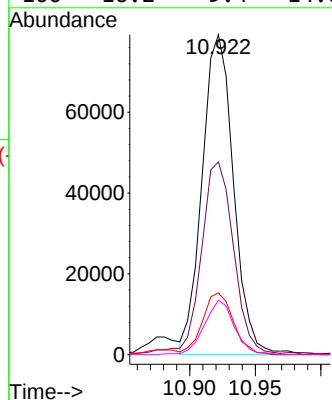
Ion Ratio Lower Upper

43 100

58 60.1 42.9 64.3

57 19.0 13.7 20.5

100 16.2 9.4 14.0#



#49

Dibromochloromethane

Concen: 25.381 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077015.D

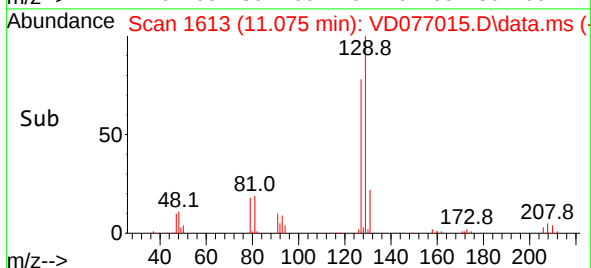
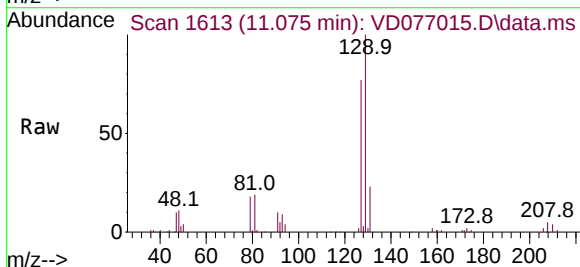
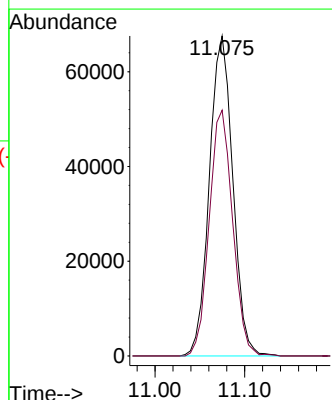
Acq: 25 Aug 2023 14:55

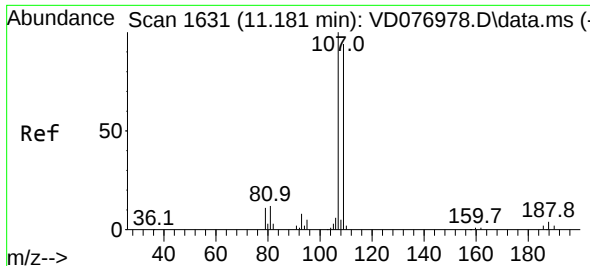
Tgt Ion:129 Resp: 122709

Ion Ratio Lower Upper

129 100

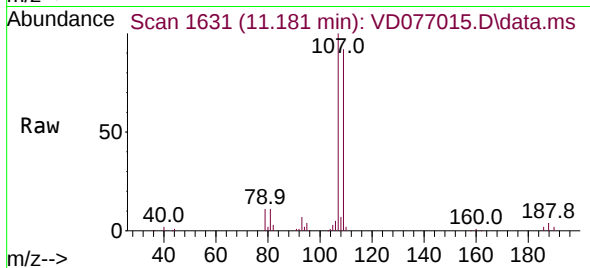
127 76.8 55.2 102.6



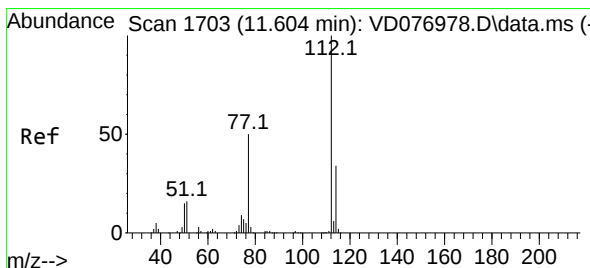
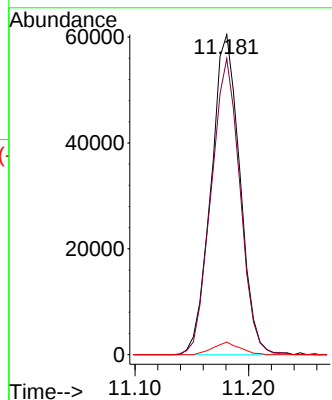
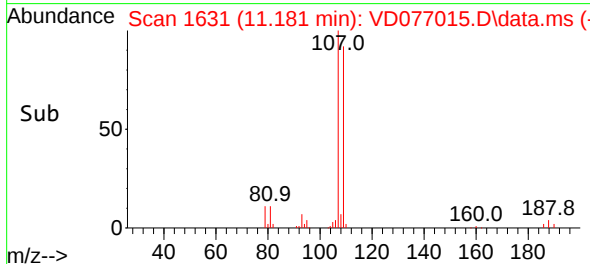


#50
1,2-Dibromoethane
Concen: 25.093 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

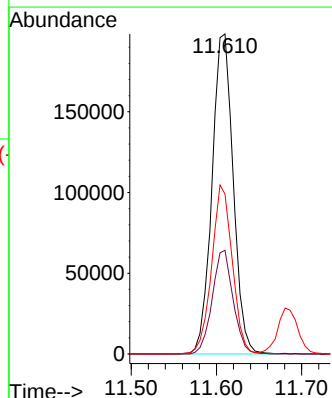
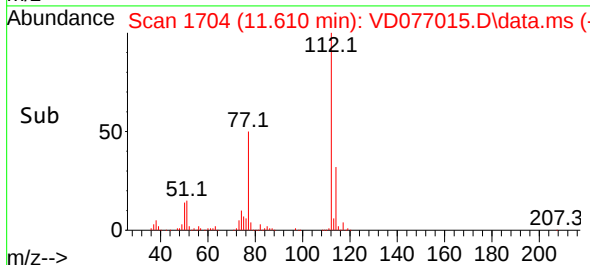
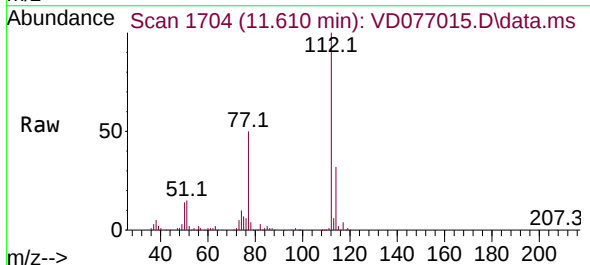


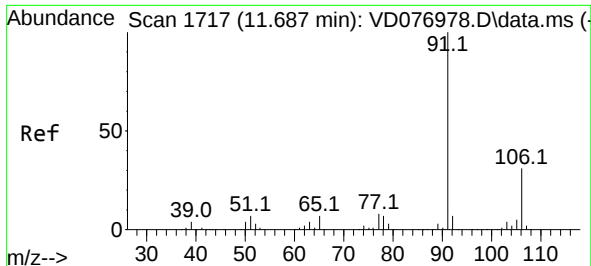
Tgt Ion:107 Resp: 106356
Ion Ratio Lower Upper
107 100
109 92.5 58.8 109.2
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 25.117 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion:112 Resp: 342530
Ion Ratio Lower Upper
112 100
114 32.4 21.5 39.9
77 49.9 43.4 65.2

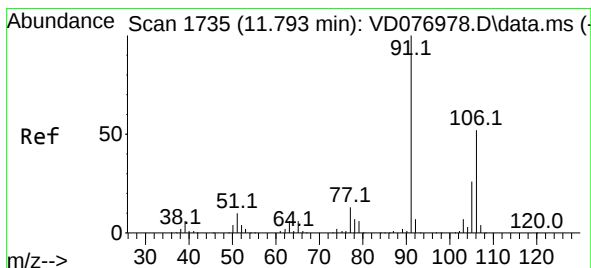
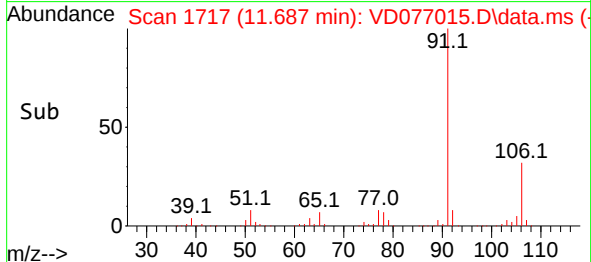
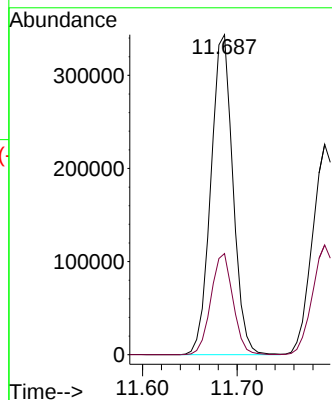
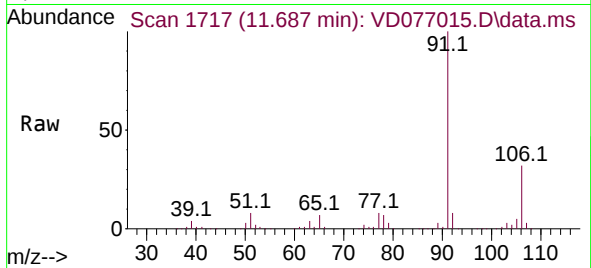




#52
Ethylbenzene
Concen: 24.949 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

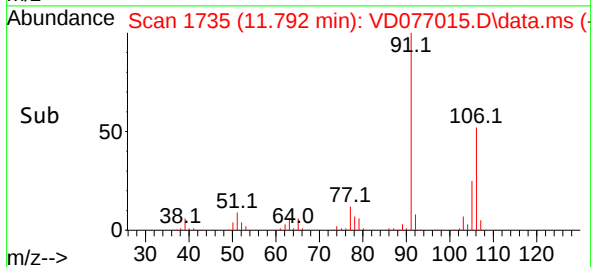
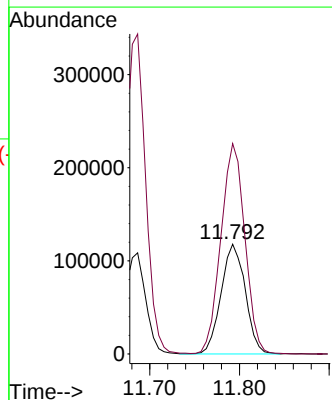
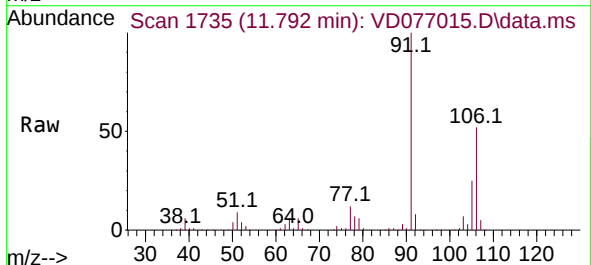
Instrument :
MSVOA_D
ClientSampleId :

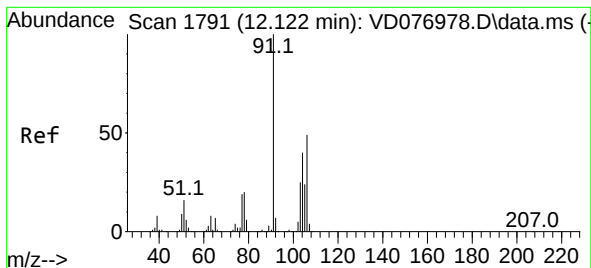
Tgt Ion: 91 Resp: 556478
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 25.678 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion: 106 Resp: 220989
Ion Ratio Lower Upper
106 100
91 191.7 141.5 262.9





#54

o-Xylene

Concen: 25.430 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

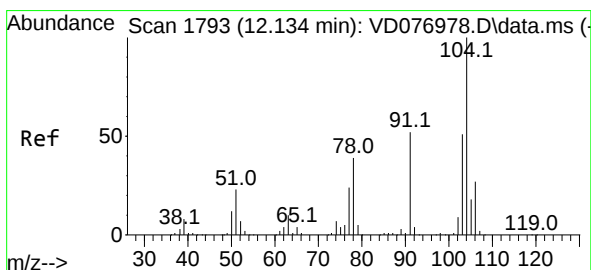
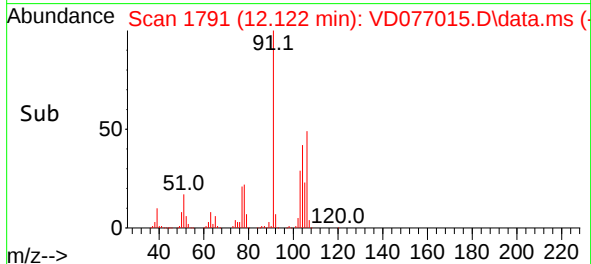
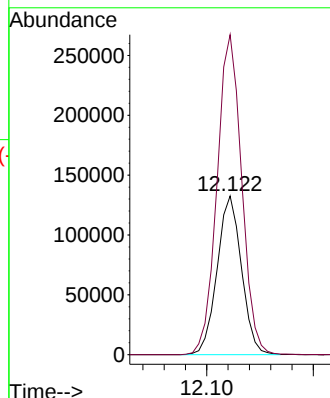
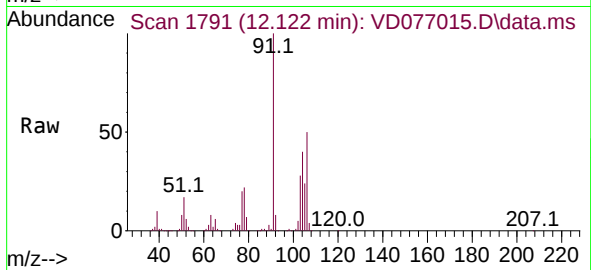
ClientSampleId :

Tgt Ion:106 Resp: 210488

Ion Ratio Lower Upper

106 100

91 201.6 142.2 264.2



#55

Styrene

Concen: 26.136 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD077015.D

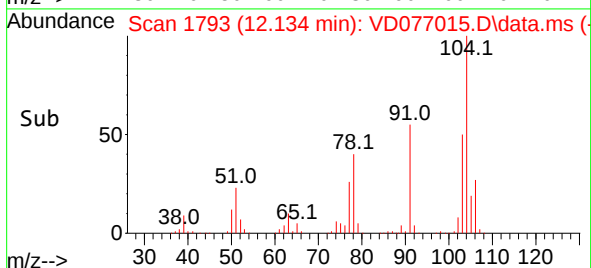
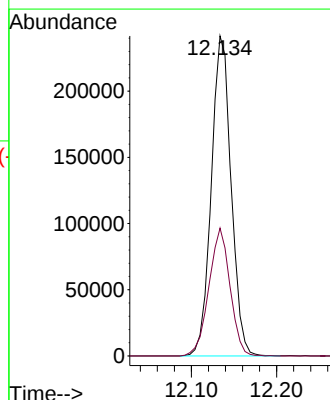
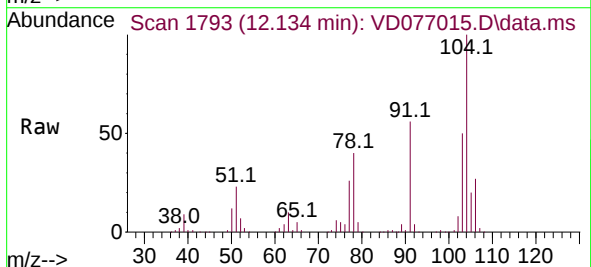
Acq: 25 Aug 2023 14:55

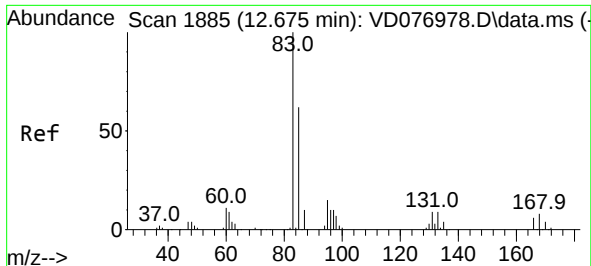
Tgt Ion:104 Resp: 391144

Ion Ratio Lower Upper

104 100

78 39.9 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 25.110 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :

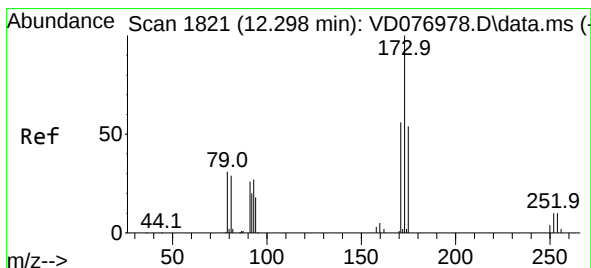
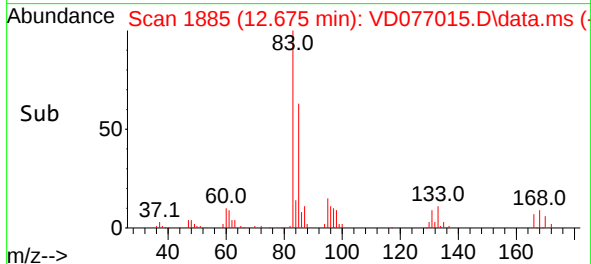
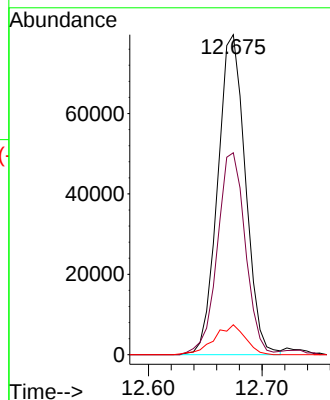
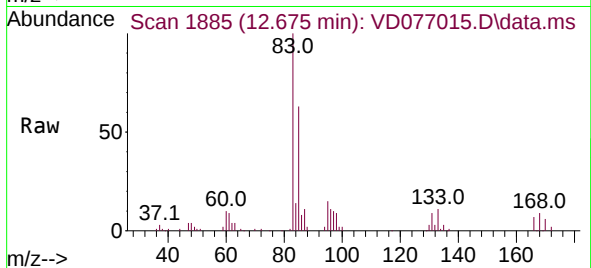
Tgt Ion: 83 Resp: 134966

Ion Ratio Lower Upper

83 100

85 63.1 46.3 86.1

131 9.4 7.0 10.4



#59

Bromoform

Concen: 26.357 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

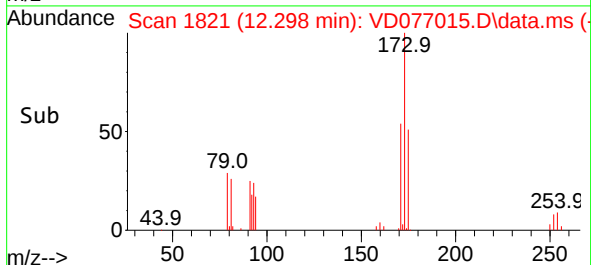
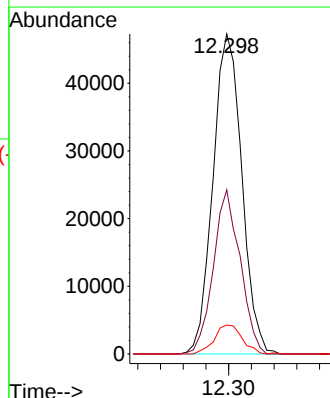
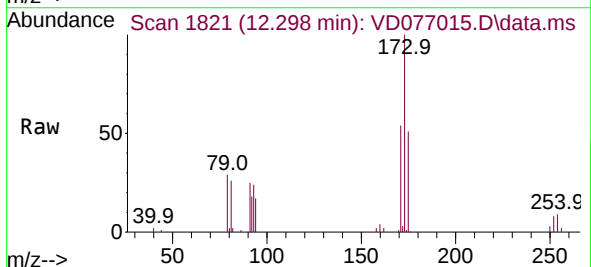
Tgt Ion:173 Resp: 83401

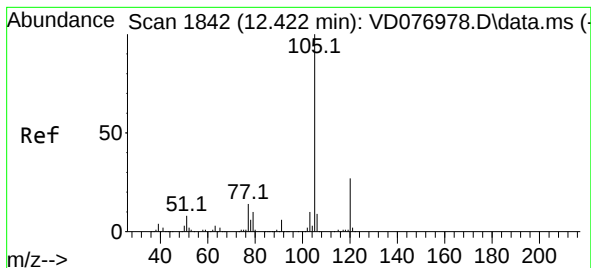
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 8.7 5.3 7.9#





#60

Isopropylbenzene

Concen: 23.628 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

Instrument :

MSVOA_D

ClientSampleId :

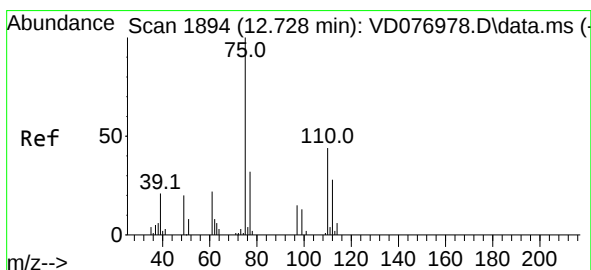
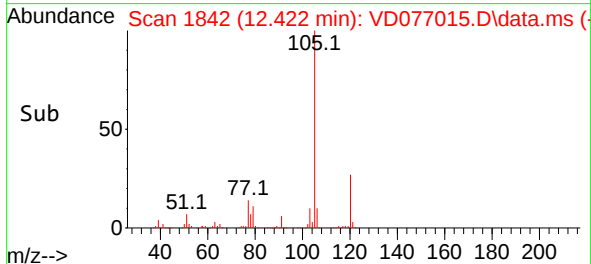
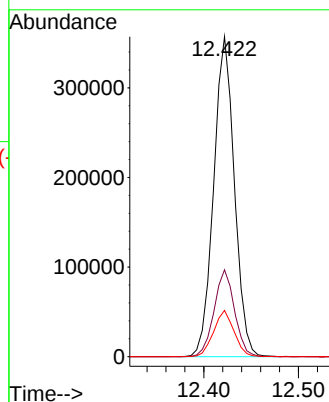
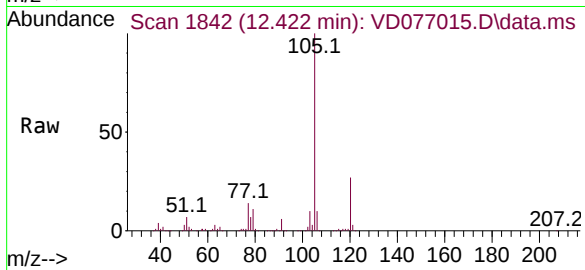
Tgt Ion:105 Resp: 542183

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

77 14.3 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 23.554 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077015.D

Acq: 25 Aug 2023 14:55

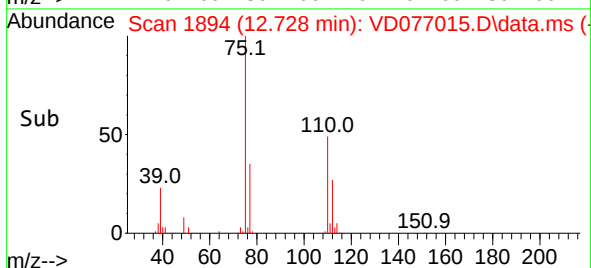
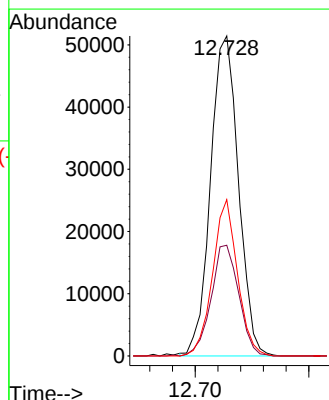
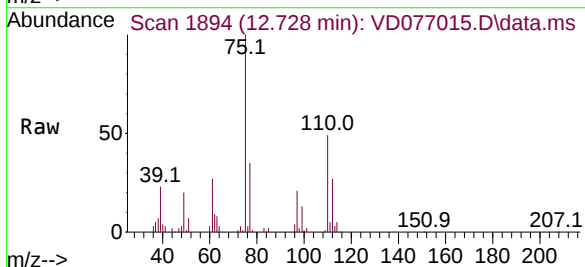
Tgt Ion: 75 Resp: 87712

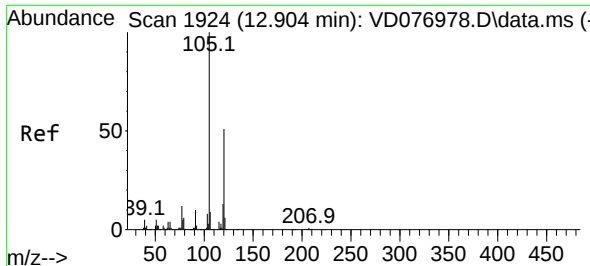
Ion Ratio Lower Upper

75 100

77 34.3 27.2 40.8

110 43.4 31.8 47.6

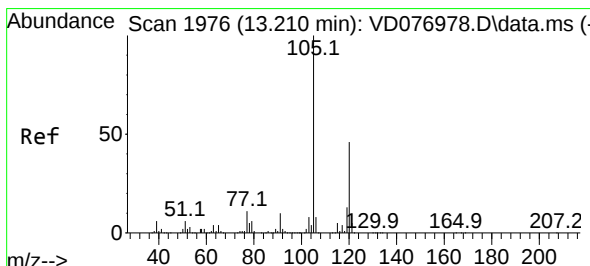
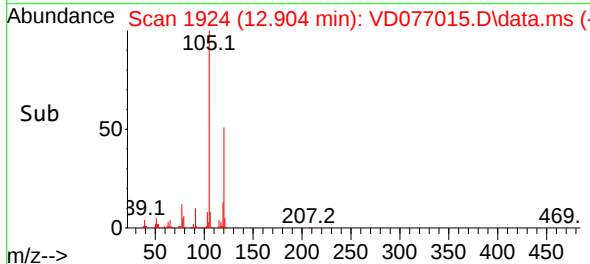
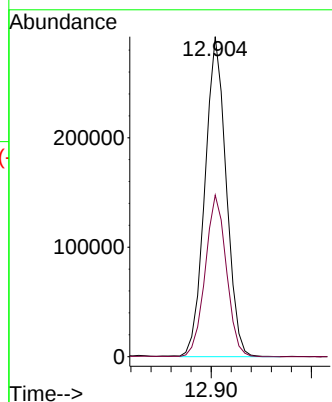
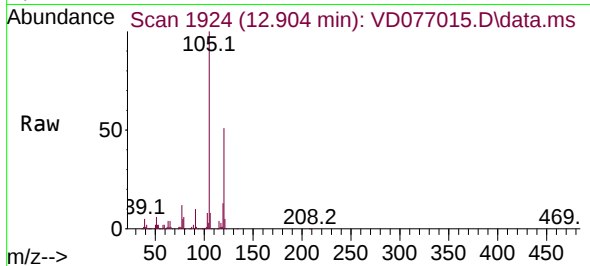




#62
 1,3,5-Trimethylbenzene
 Concen: 24.681 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

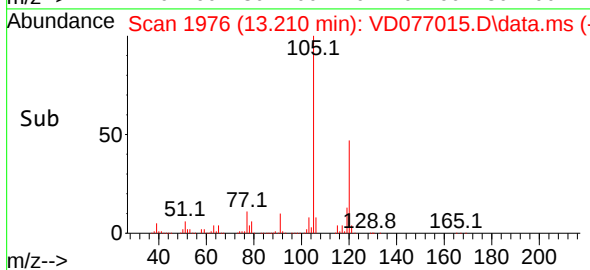
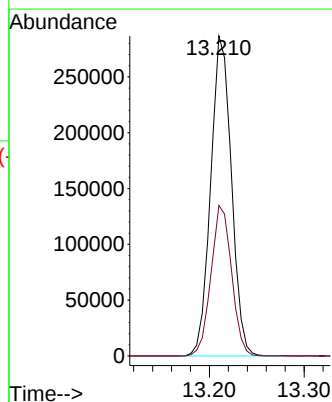
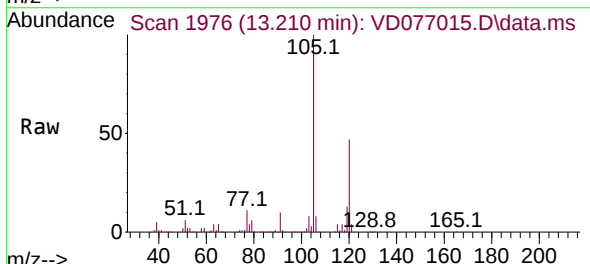
Instrument :
 MSVOA_D
 ClientSampleId :

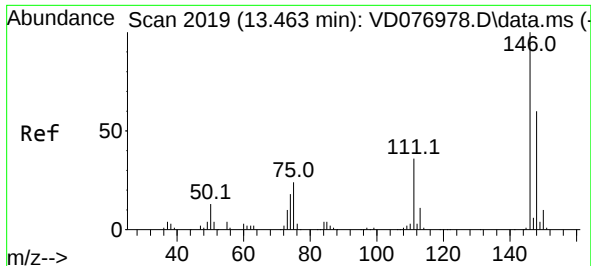
Tgt Ion:105 Resp: 431429
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 25.023 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

Tgt Ion:105 Resp: 435316
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.5 56.3

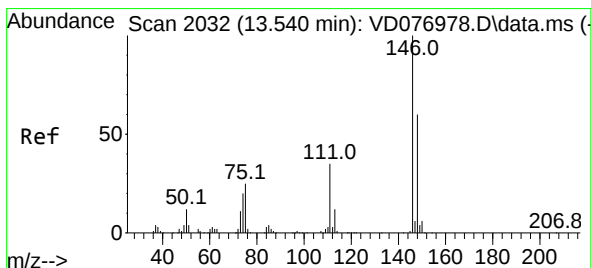
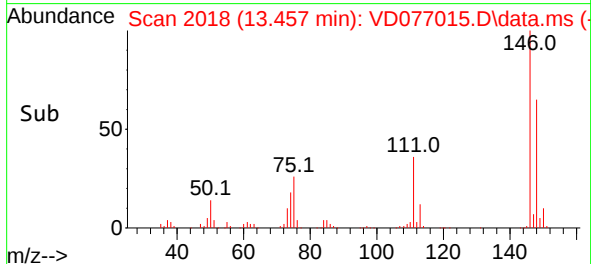
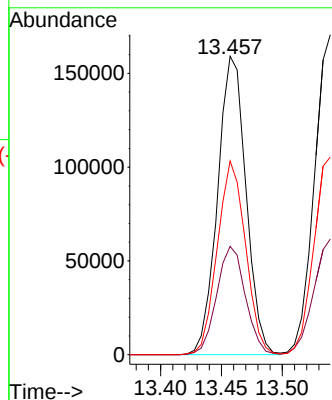
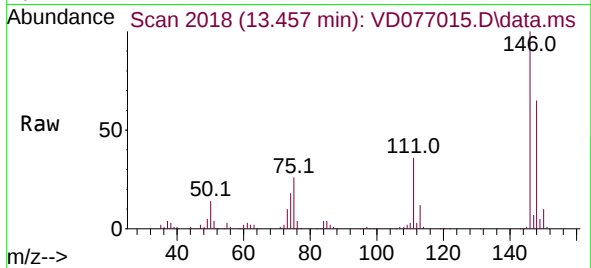




#64
1,3-Dichlorobenzene
Concen: 24.693 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

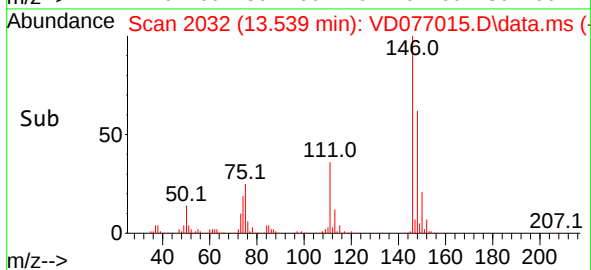
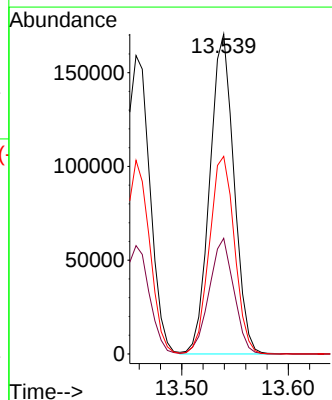
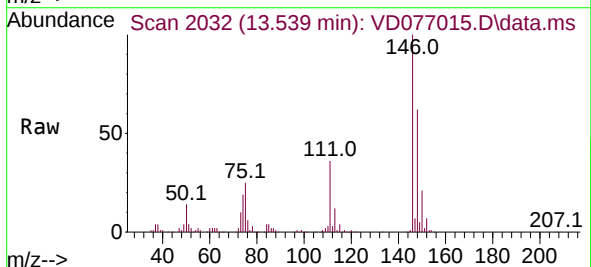
Instrument :
MSVOA_D
ClientSampleId :

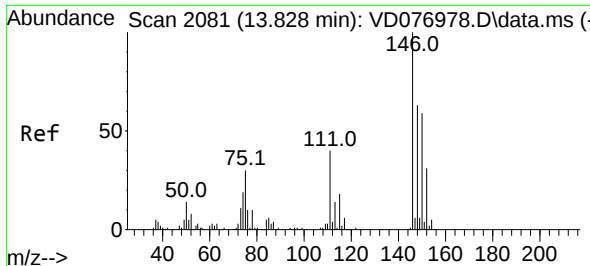
Tgt Ion:146 Resp: 258591
Ion Ratio Lower Upper
146 100
111 36.3 25.6 47.4
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 24.883 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion:146 Resp: 269355
Ion Ratio Lower Upper
146 100
111 36.2 25.7 47.7
148 61.8 45.4 84.2

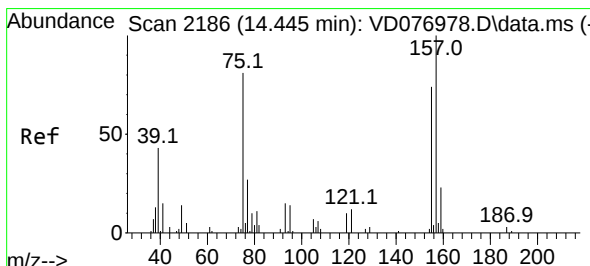
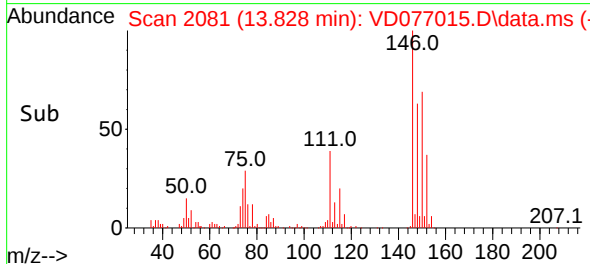
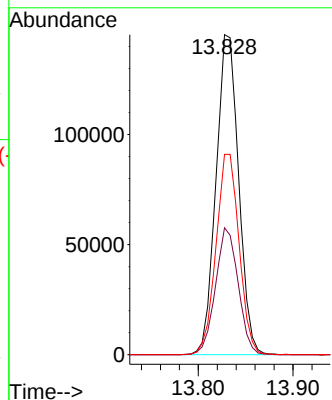
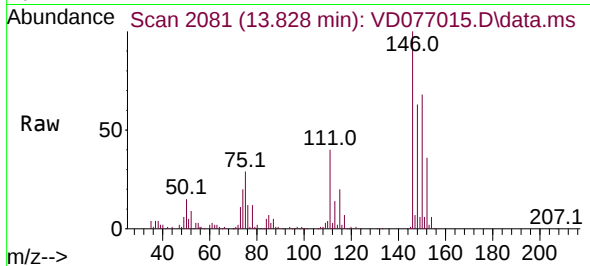




#67
1,2-Dichlorobenzene
Concen: 24.579 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

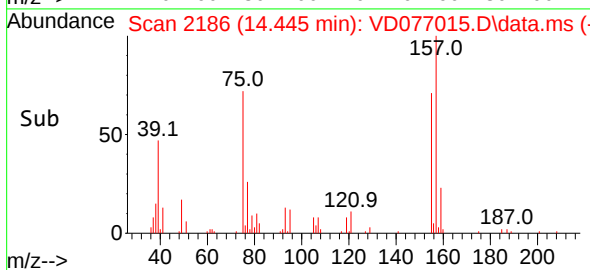
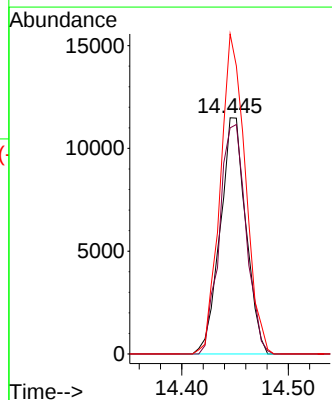
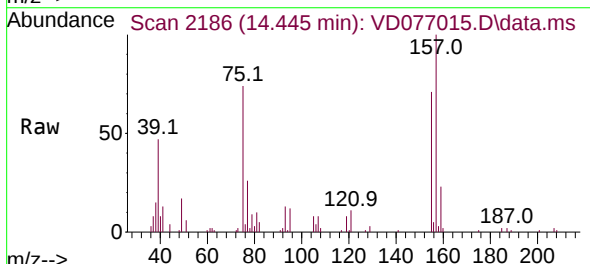
Instrument :
MSVOA_D
ClientSampleId :

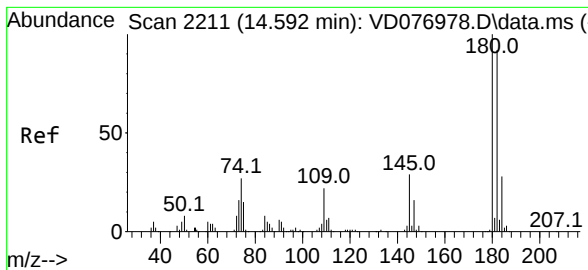
Tgt Ion:146 Resp: 241299
Ion Ratio Lower Upper
146 100
111 39.6 31.3 46.9
148 62.6 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.503 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

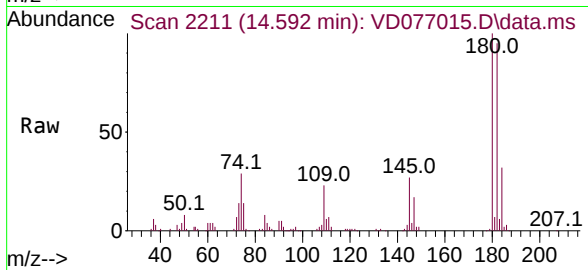
Tgt Ion: 75 Resp: 19200
Ion Ratio Lower Upper
75 100
155 95.7 76.2 114.4
157 135.5 89.4 134.2#



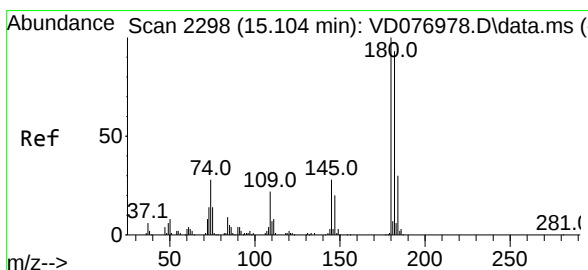
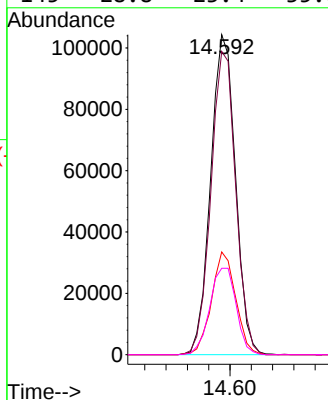
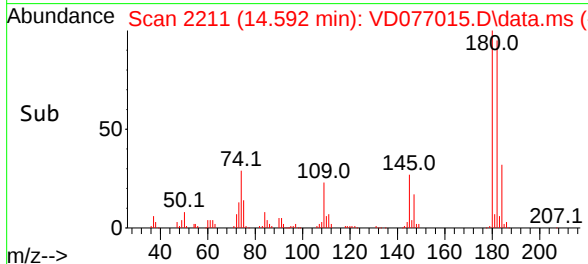


#69
 1,3,5-Trichlorobenzene
 Concen: 25.657 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55

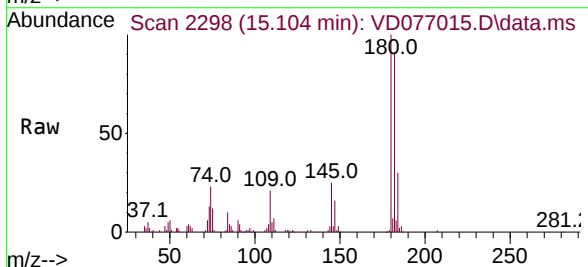
Instrument :
 MSVOA_D
 ClientSampleId :



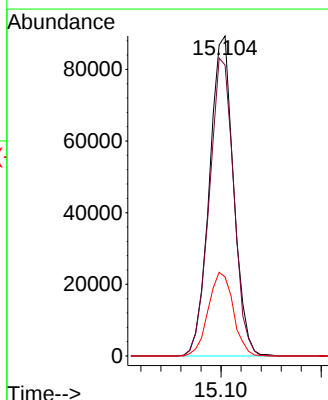
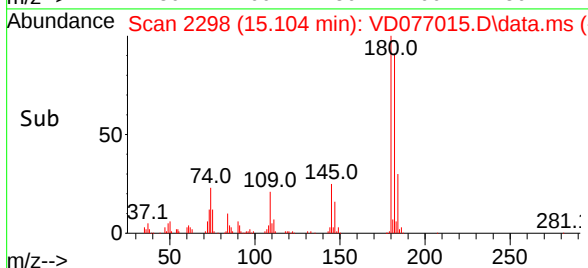
Tgt Ion:	180	Resp:	168145
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.1	115.7
184	31.4	25.0	37.4
145	28.8	23.4	35.0

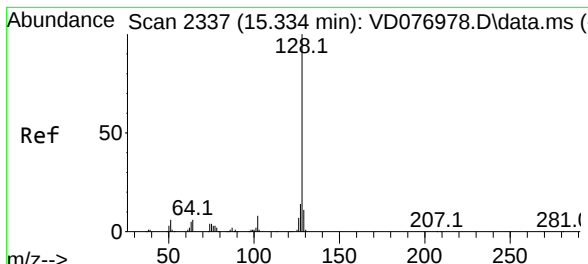


#70
 1,2,4-trichlorobenzene
 Concen: 25.918 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077015.D
 Acq: 25 Aug 2023 14:55



Tgt Ion:	180	Resp:	149413
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.9	115.3
145	26.9	23.5	35.3

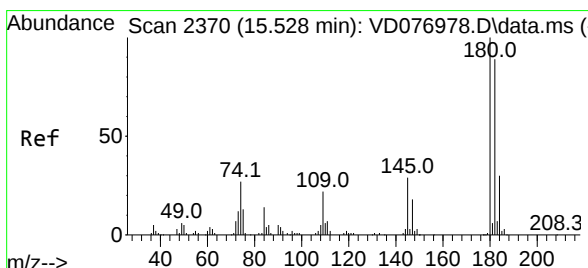
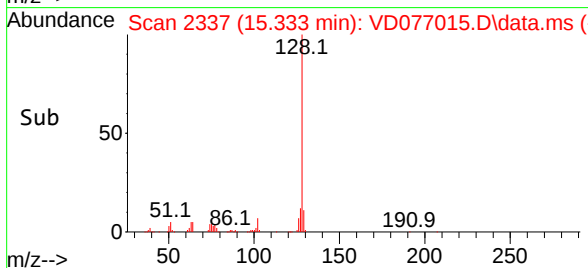
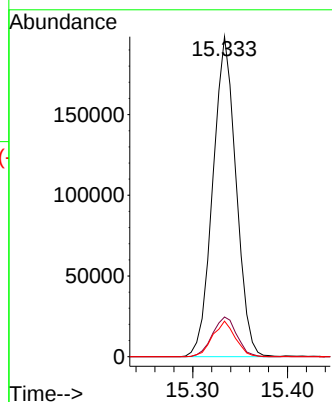
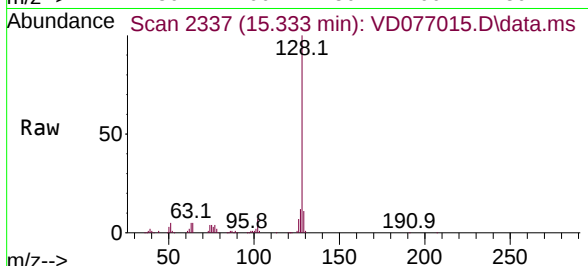




#71
Naphthalene
Concen: 24.952 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 338229
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.095 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077015.D
Acq: 25 Aug 2023 14:55

Tgt Ion:180 Resp: 136422
Ion Ratio Lower Upper
180 100
182 96.3 74.3 111.5
145 31.9 25.0 37.6

