

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077214.D
 Acq On : 25 Sep 2023 11:49
 Operator : JC/SY
 Sample : VSTD050
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 22:53:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	299581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	310281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	174676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	275026	40.129	ug/L	0.00
7) Chloroethane-d5	2.799	69	170852	29.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	83177	51.400	ug/L	0.00
21) 2-Butanone-d5	6.981	46	126641	128.140	ug/L	0.00
24) Chloroform-d	7.569	84	486021	58.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	231638	58.713	ug/L	0.00
32) Benzene-d6	8.204	84	944081	55.649	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	287238	57.485	ug/L	0.00
41) Toluene-d8	10.269	98	861173	56.014	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	118676	54.311	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	102984	126.630	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	272642	60.124	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	299123	53.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	184654	49.183	ug/L	99
3) Chloromethane	2.146	50	285892	45.000	ug/L	100
5) Vinyl chloride	2.281	62	320494	43.704	ug/L	98
6) Bromomethane	2.687	94	246190	48.354	ug/L	99
8) Chloroethane	2.834	64	153549	31.094	ug/L	99
9) Trichlorofluoromethane	3.175	101	361623	50.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	243116	55.216	ug/L	98
12) 1,1-Dichloroethene	3.940	96	215669	54.264	ug/L	98
13) Acetone	4.016	43	144711	104.081	ug/L	99
14) Carbon disulfide	4.269	76	582202	46.471	ug/L	99
15) Methyl Acetate	4.558	43	112476	59.675	ug/L	100
16) Methylene chloride	4.799	84	278881	45.530	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	249631	56.659	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	607199	62.430	ug/L	99
19) 1,1-Dichloroethane	6.110	63	456232	60.053	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	305147	59.698	ug/L	95
22) 2-Butanone	7.081	43	179460	107.959	ug/L	99
23) Bromochloromethane	7.422	128	140294	57.462	ug/L	87
25) Chloroform	7.599	83	506920	59.986	ug/L	100
27) 1,2-Dichloroethane	8.328	62	294539	58.047	ug/L	98
29) Cyclohexane	7.881	56	309953	54.855	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	405547	55.502	ug/L	100
31) Carbon tetrachloride	7.993	117	333840	54.603	ug/L	98
33) Benzene	8.252	78	1098546	58.299	ug/L	100
34) Trichloroethene	9.028	95	266334	53.858	ug/L	99
35) Methylcyclohexane	9.275	83	388878	52.577	ug/L	99
37) 1,2-Dichloropropane	9.304	63	287863	59.227	ug/L	98
38) Bromodichloromethane	9.587	83	380249	57.281	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	459971	60.510	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	341748	126.068	ug/L	99
42) Toluene	10.334	91	1219915	59.708	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	401914	61.603	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
 Data File : VD077214.D
 Acq On : 25 Sep 2023 11:49
 Operator : JC/SY
 Sample : VSTD050
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 22:53:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 22:51:27 2023
 Response via : Initial Calibration

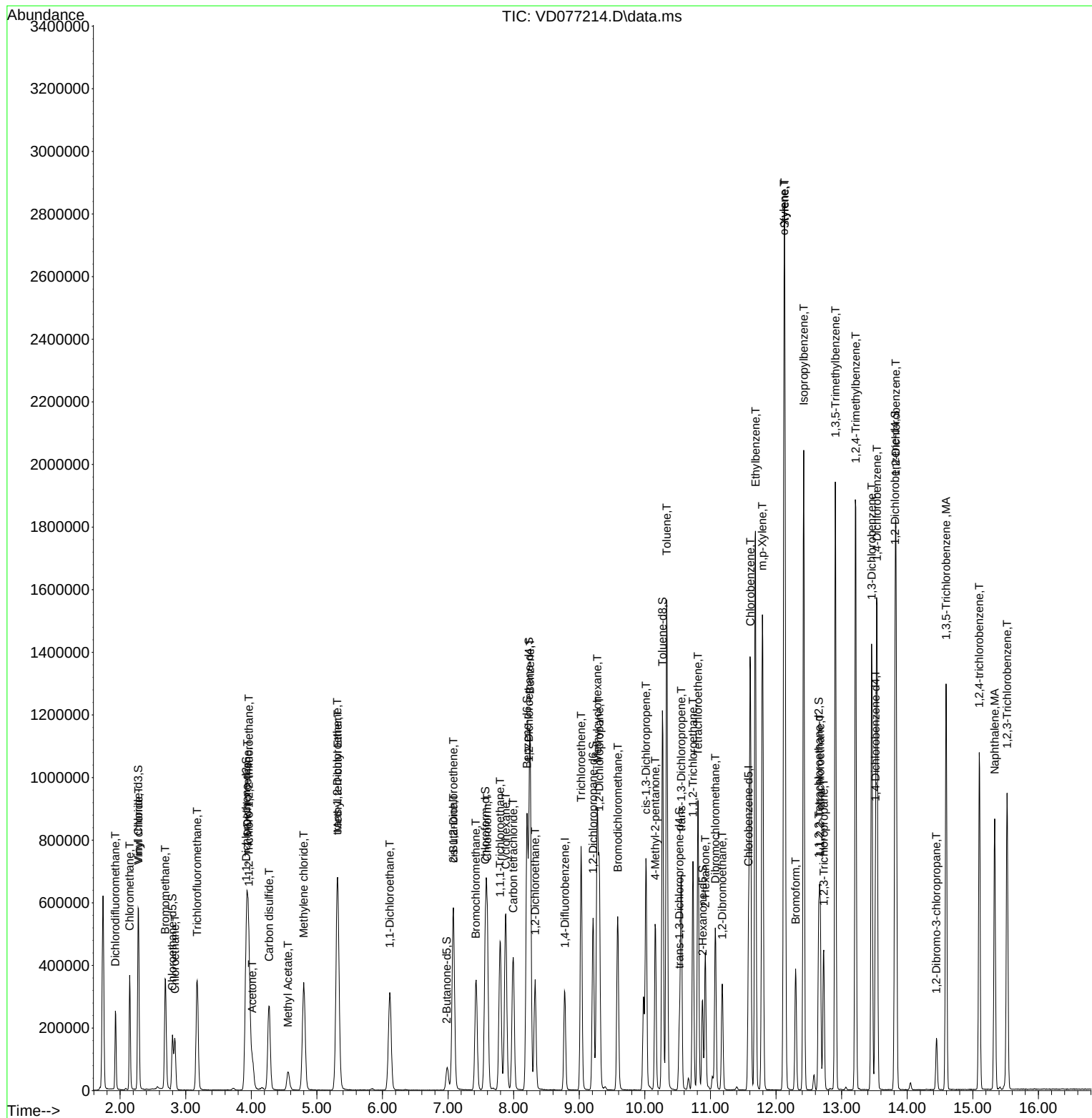
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	240750	58.180	ug/L	96
46) Tetrachloroethene	10.810	164	209002	51.981	ug/L	95
48) 2-Hexanone	10.922	43	269641	128.543	ug/L	99
49) Dibromochloromethane	11.075	129	278070	58.334	ug/L	99
50) 1,2-Dibromoethane	11.181	107	229459	57.383	ug/L	94
51) Chlorobenzene	11.610	112	784410	57.519	ug/L	97
52) Ethylbenzene	11.687	91	1331885	60.442	ug/L	97
53) m,p-Xylene	11.793	106	517335	60.781	ug/L	95
54) o-Xylene	12.122	106	507600	61.872	ug/L	98
55) Styrene	12.134	104	927596	62.772	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	289611	59.551	ug/L	95
59) Bromoform	12.298	173	176780	55.350	ug/L	100
60) Isopropylbenzene	12.422	105	1337029	59.193	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	191302	55.542	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	1049141	60.079	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	1053146	61.297	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	612594	56.506	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	629684	55.310	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	562883	56.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	39673	55.435	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	403492	56.264	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	355573	58.157	ug/L	99
71) Naphthalene	15.334	128	748015	60.849	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	329346	58.141	ug/L	99

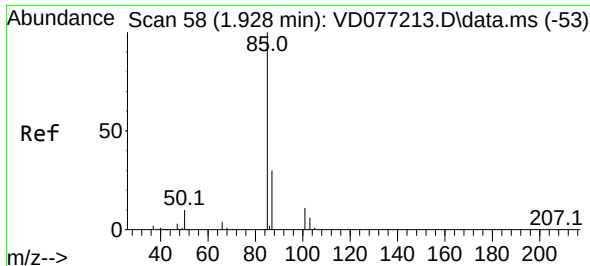
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092523\
Data File : VD077214.D
Acq On : 25 Sep 2023 11:49
Operator : JC/SY
Sample : VSTD050
Misc : 5.00G/10.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 25 22:53:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Sep 25 22:51:27 2023
Response via : Initial Calibration

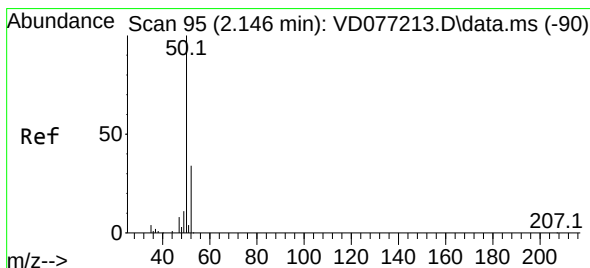
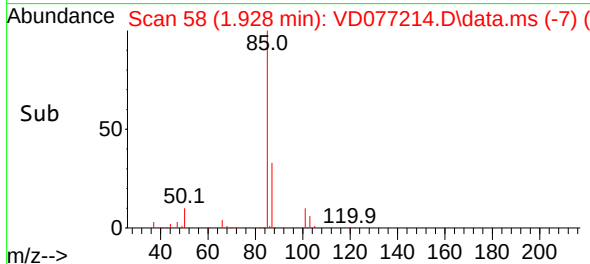
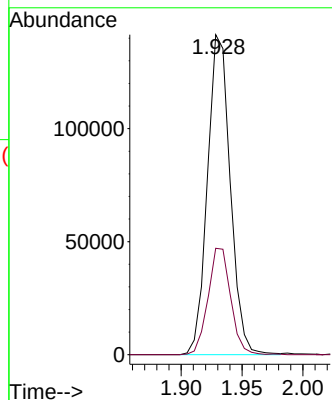
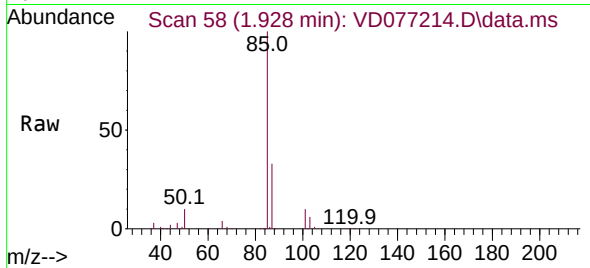




#2
Dichlorodifluoromethane
Concen: 49.183 ug/L
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

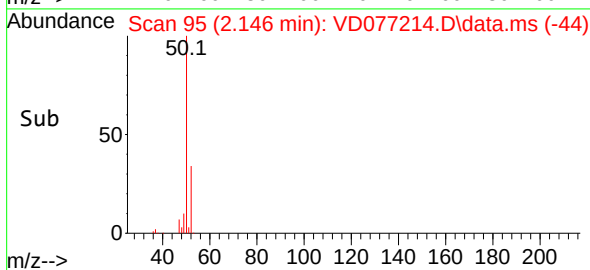
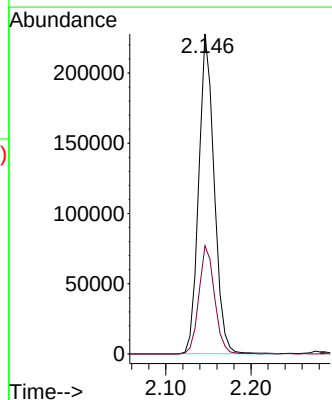
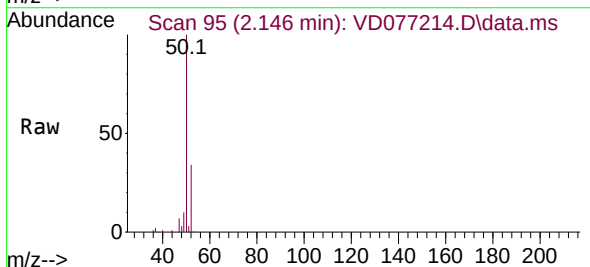
Instrument :
MSVOA_D
ClientSampleId :

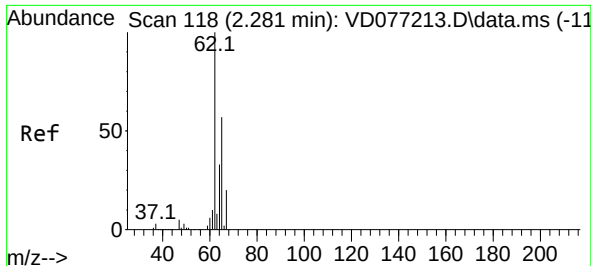
Tgt Ion: 85 Resp: 184654
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 45.000 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 50 Resp: 285892
Ion Ratio Lower Upper
50 100
52 33.8 23.6 43.8

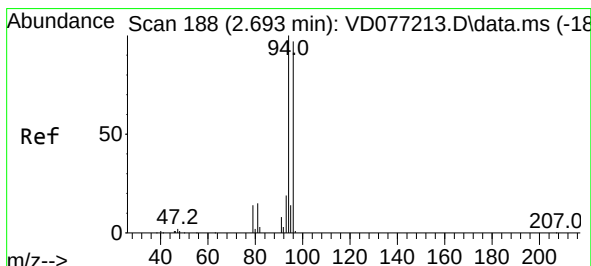
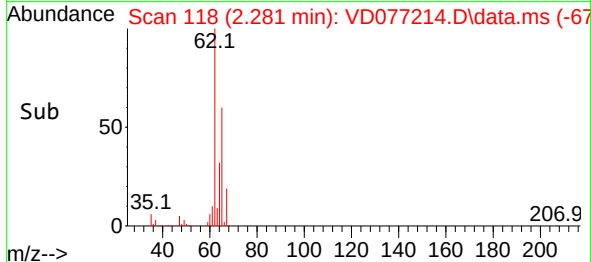
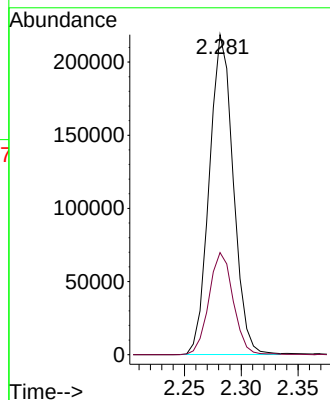
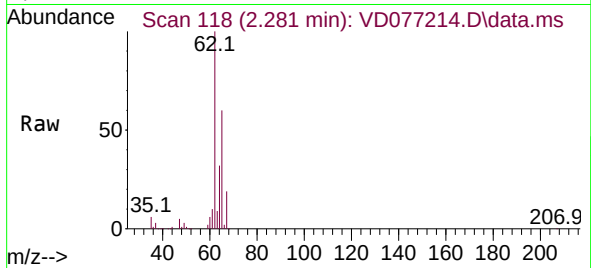




#5
 Vinyl chloride
 Concen: 43.704 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

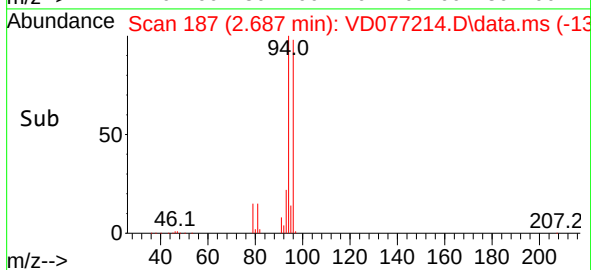
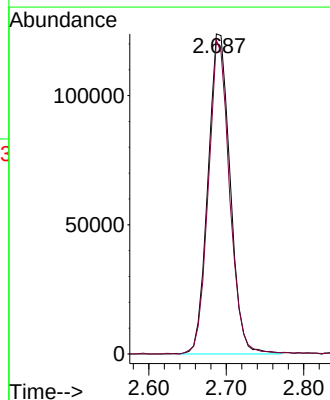
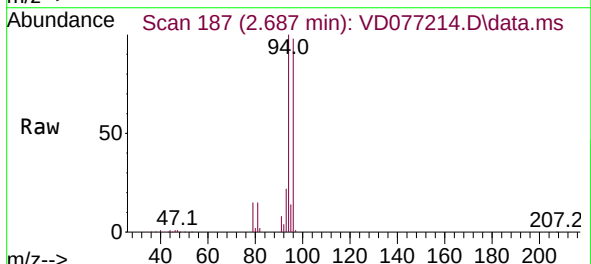
Instrument :
 MSVOA_D
 ClientSampleId :

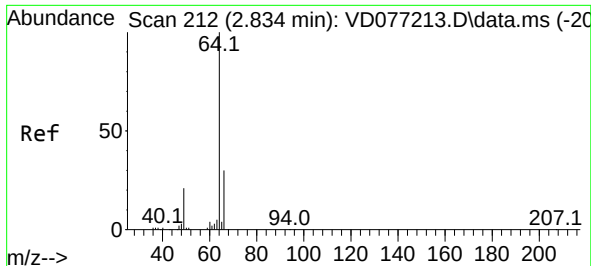
Tgt Ion: 62 Resp: 320494
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.8



#6
 Bromomethane
 Concen: 48.354 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

Tgt Ion: 94 Resp: 246190
 Ion Ratio Lower Upper
 94 100
 96 98.1 67.8 125.8

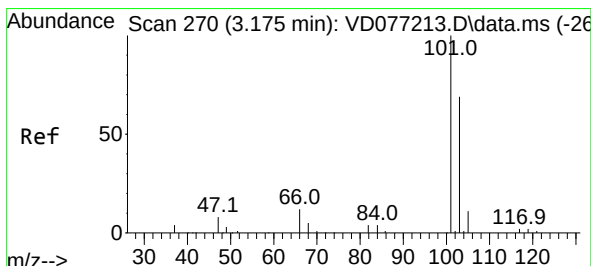
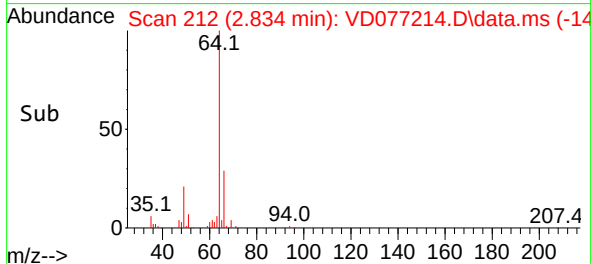
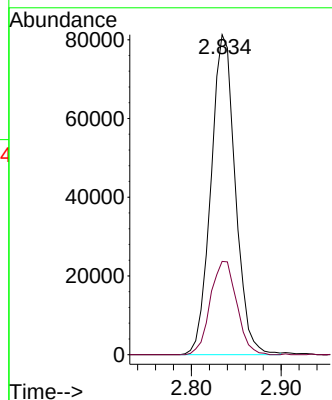
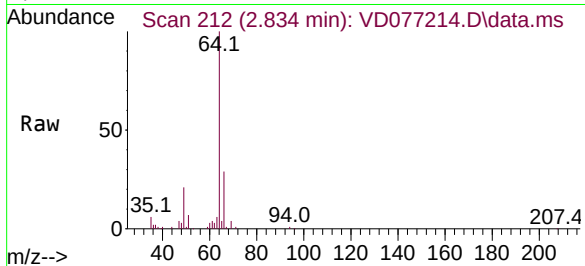




#8
Chloroethane
Concen: 31.094 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

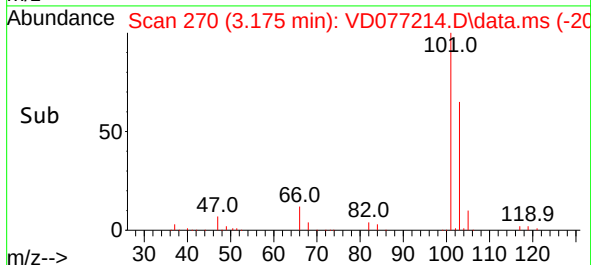
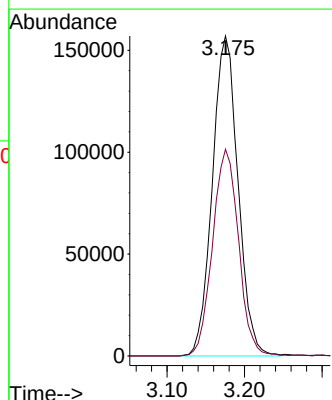
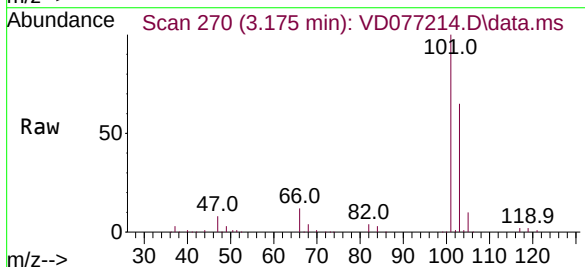
Instrument :
MSVOA_D
ClientSampleId :

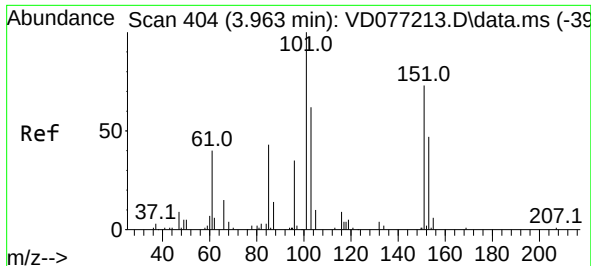
Tgt Ion: 64 Resp: 153549
Ion Ratio Lower Upper
64 100
66 29.2 20.8 38.6



#9
Trichlorofluoromethane
Concen: 50.617 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:101 Resp: 361623
Ion Ratio Lower Upper
101 100
103 65.2 52.9 79.3

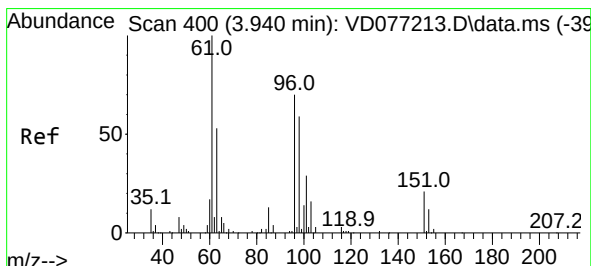
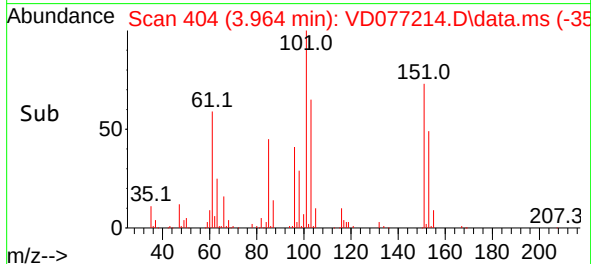
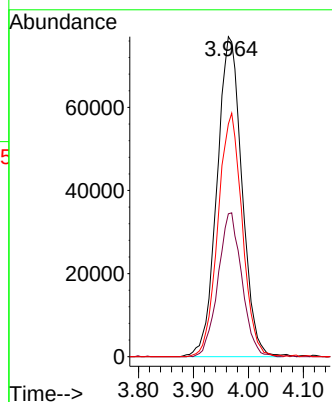
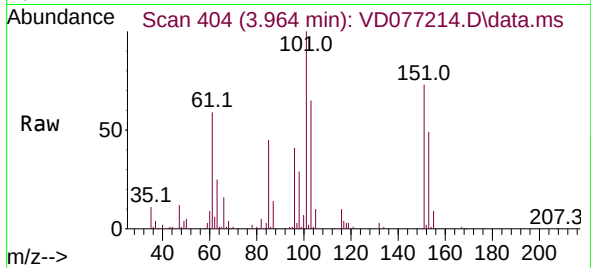




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.216 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

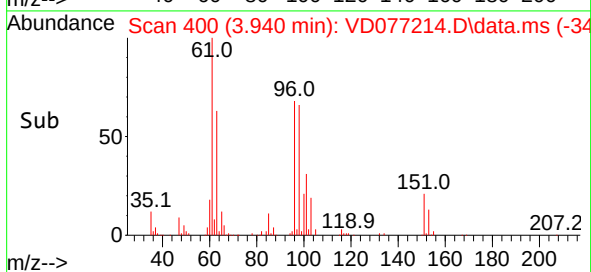
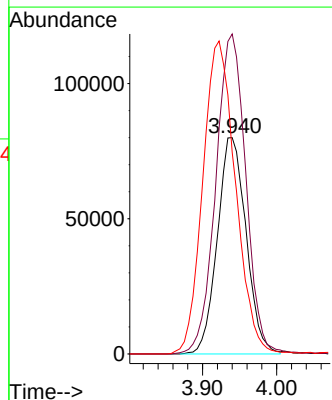
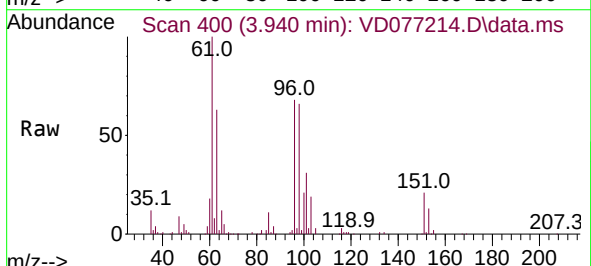
Instrument :
 MSVOA_D
 ClientSampleId :

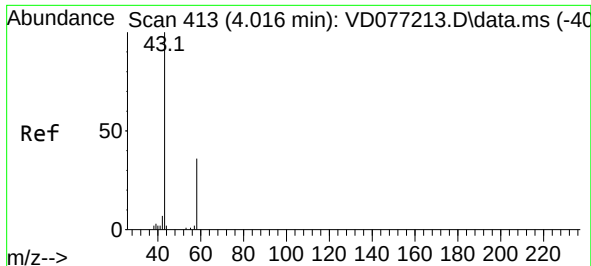
Tgt Ion:101 Resp: 243116
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.3 52.9
 151 73.8 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 54.264 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

Tgt Ion: 96 Resp: 215669
 Ion Ratio Lower Upper
 96 100
 61 147.9 102.1 189.5
 63 93.2 63.3 117.5

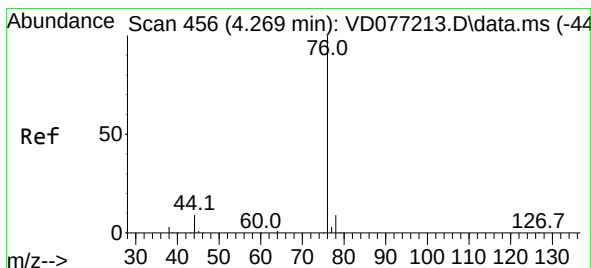
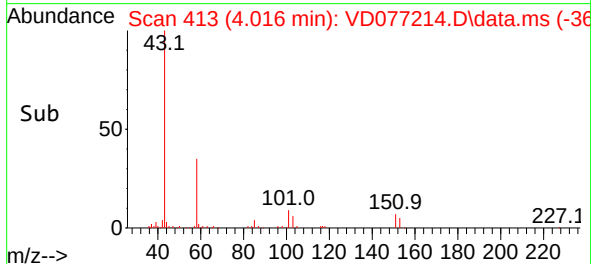
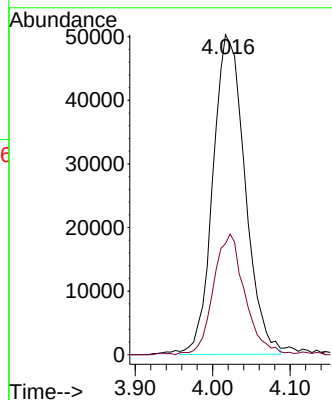
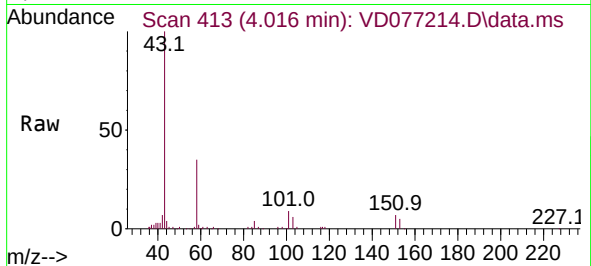




#13
Acetone
Concen: 104.081 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

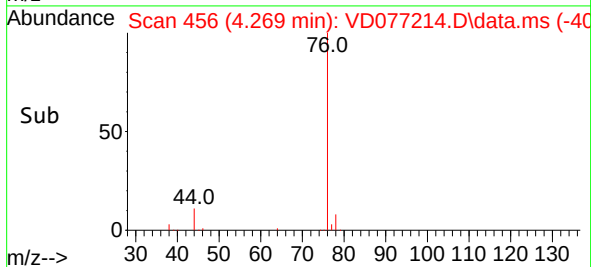
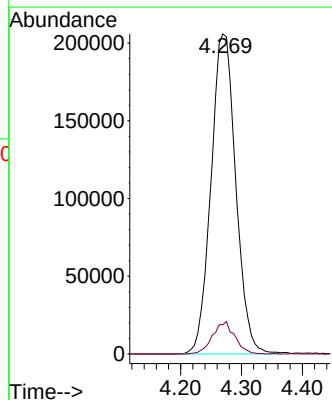
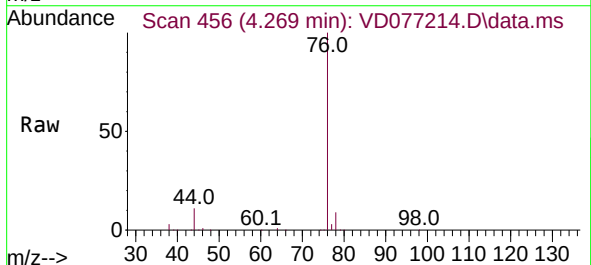
Instrument :
MSVOA_D
ClientSampleId :

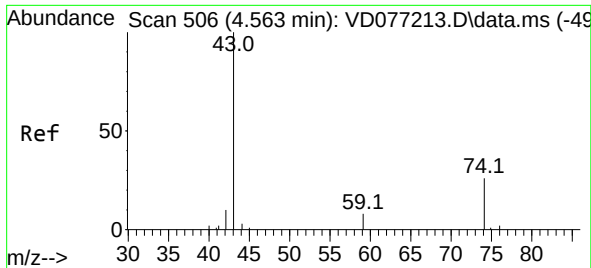
Tgt Ion: 43 Resp: 144711
Ion Ratio Lower Upper
43 100
58 36.5 0.0 74.0



#14
Carbon disulfide
Concen: 46.471 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 76 Resp: 582202
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

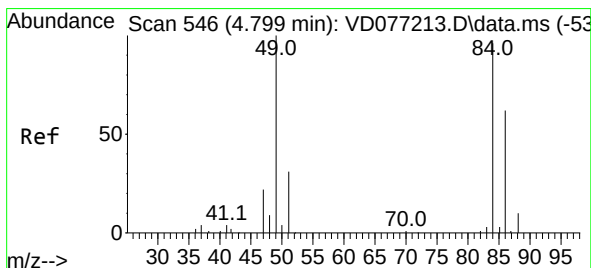
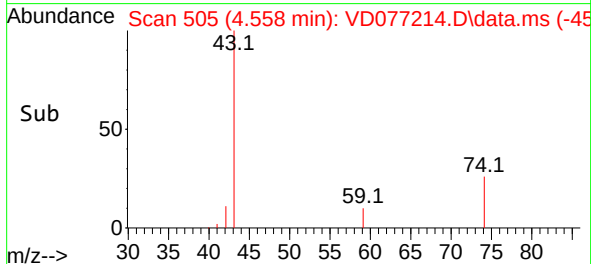
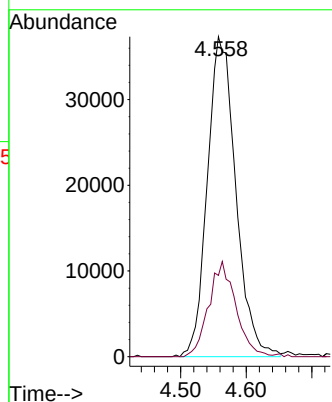
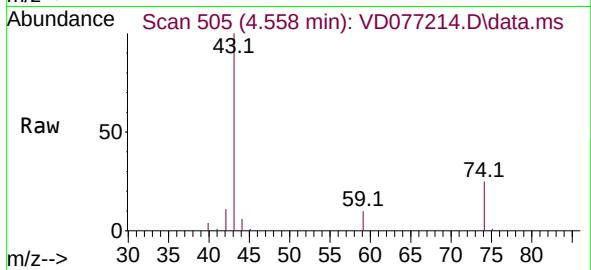




#15
Methyl Acetate
Concen: 59.675 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

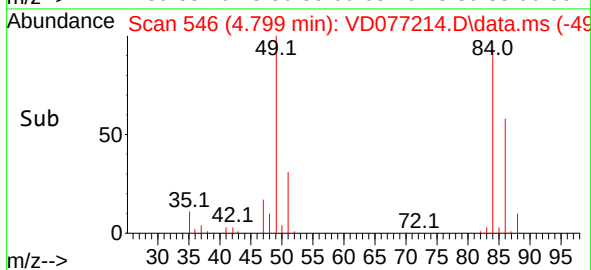
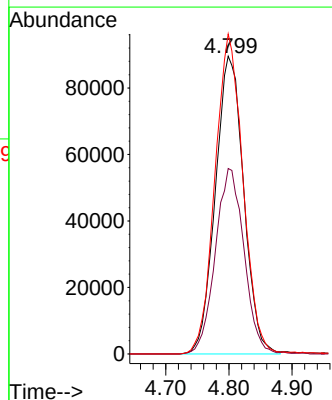
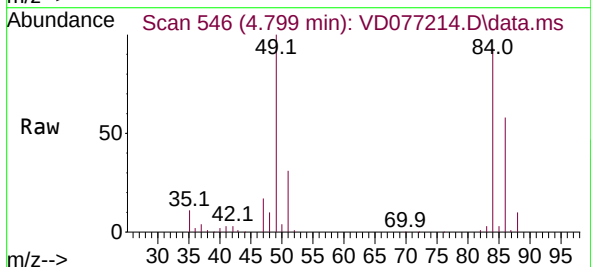
Instrument :
MSVOA_D
ClientSampleId :

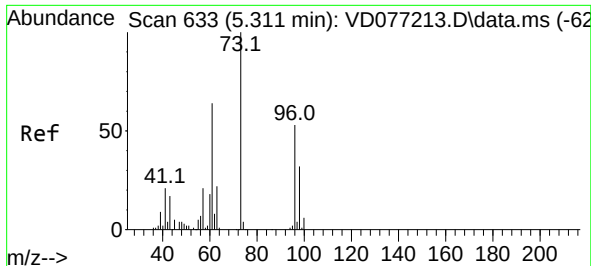
Tgt Ion: 43 Resp: 112476
Ion Ratio Lower Upper
43 100
74 28.2 22.5 33.7



#16
Methylene chloride
Concen: 45.530 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 84 Resp: 278881
Ion Ratio Lower Upper
84 100
86 62.3 45.2 84.0
49 107.4 73.4 136.4





#17

trans-1,2-Dichloroethene

Concen: 56.659 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :

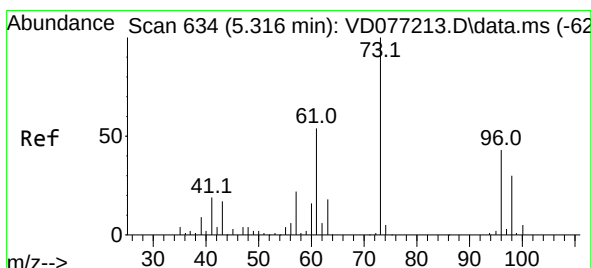
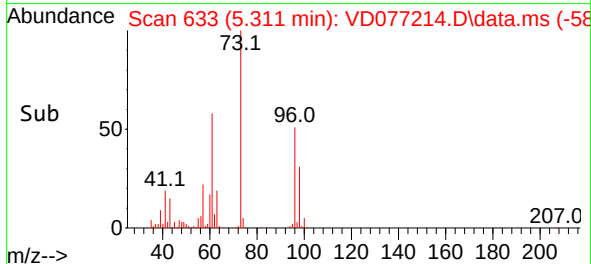
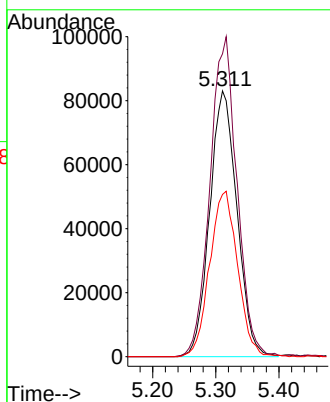
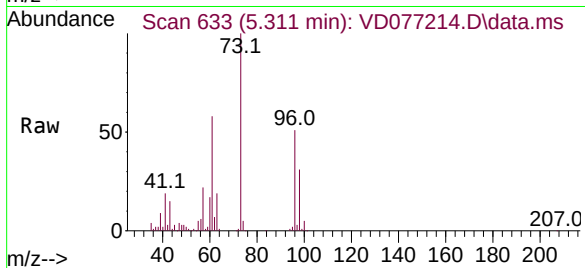
Tgt Ion: 96 Resp: 249631

Ion Ratio Lower Upper

96 100

61 114.0 84.1 156.3

98 61.1 42.0 78.0



#18

Methyl tert-butyl Ether

Concen: 62.430 ug/L

RT: 5.316 min Scan# 634

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

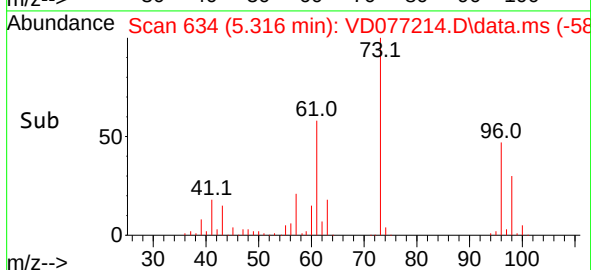
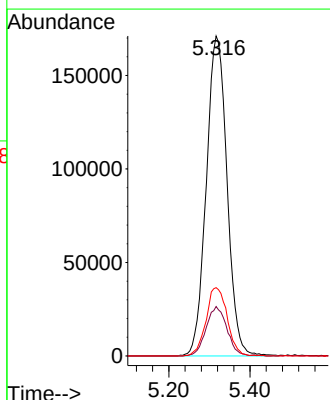
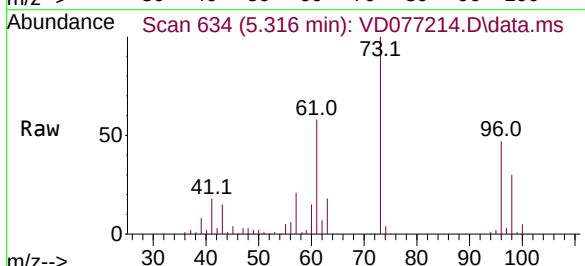
Tgt Ion: 73 Resp: 607199

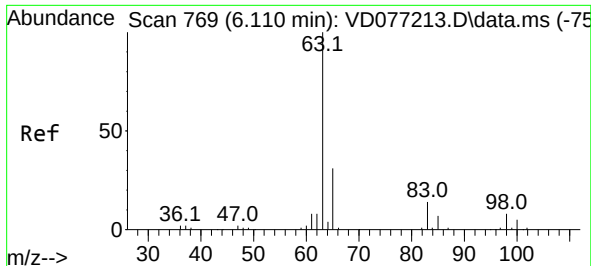
Ion Ratio Lower Upper

73 100

43 15.4 12.7 19.1

57 21.7 17.2 25.8





#19

1,1-Dichloroethane

Concen: 60.053 ug/L

RT: 6.110 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :

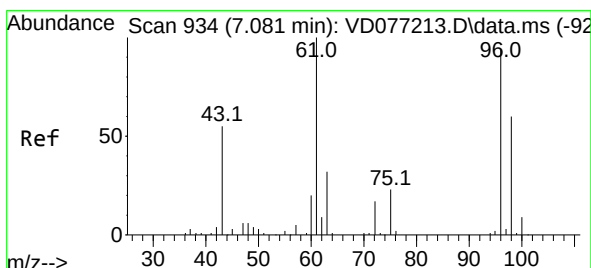
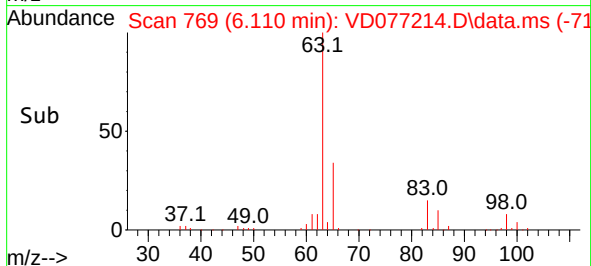
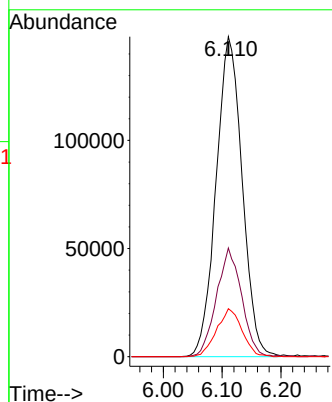
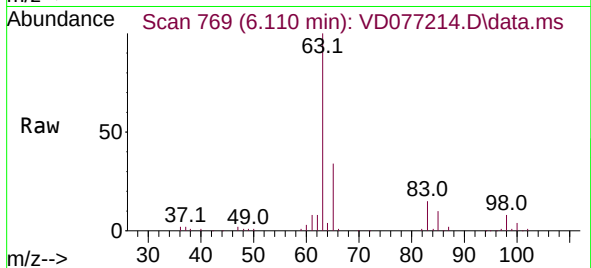
Tgt Ion: 63 Resp: 456232

Ion Ratio Lower Upper

63 100

65 34.0 21.9 40.7

83 15.0 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 59.698 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

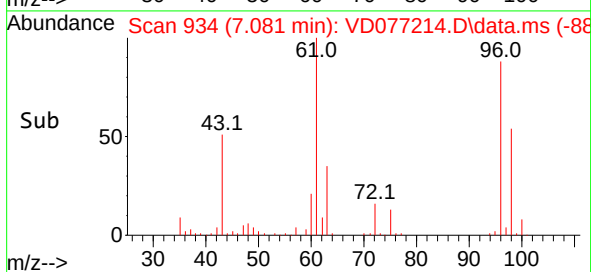
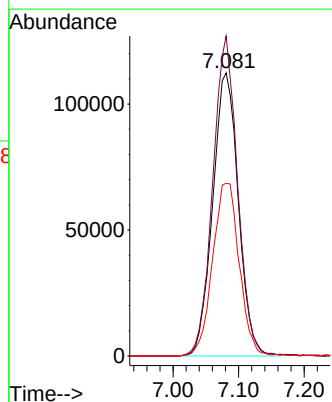
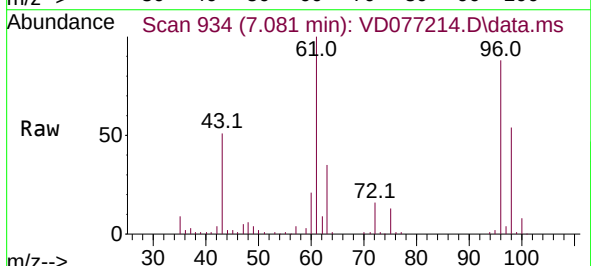
Tgt Ion: 96 Resp: 305147

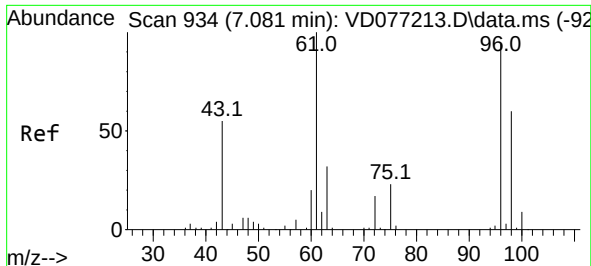
Ion Ratio Lower Upper

96 100

61 113.0 74.8 139.0

98 61.0 45.1 83.7

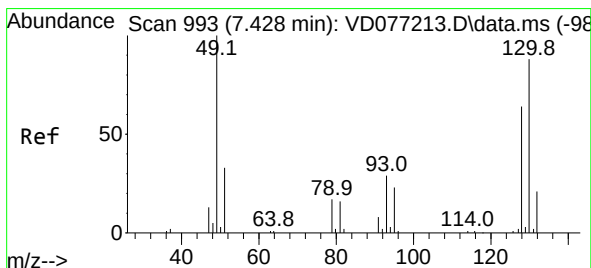
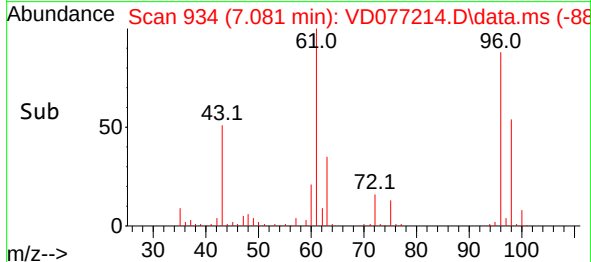
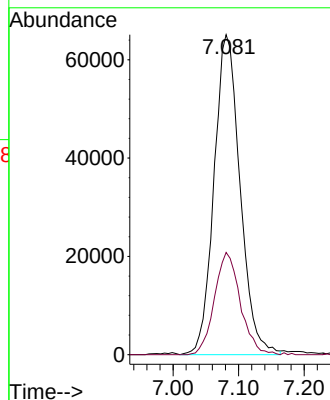
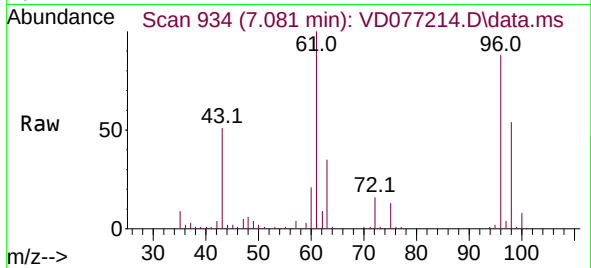




#22
2-Butanone
Concen: 107.959 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

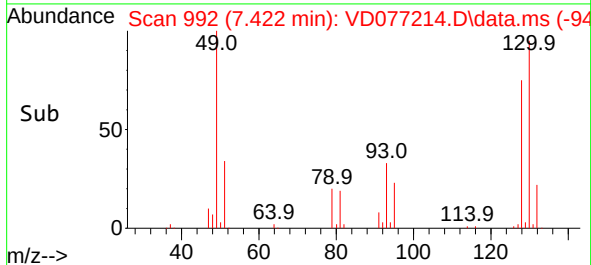
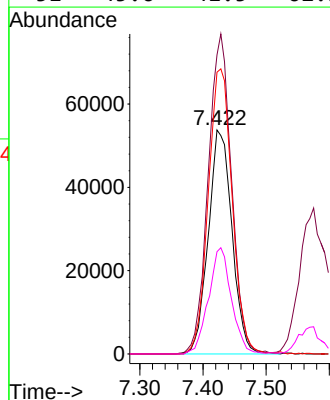
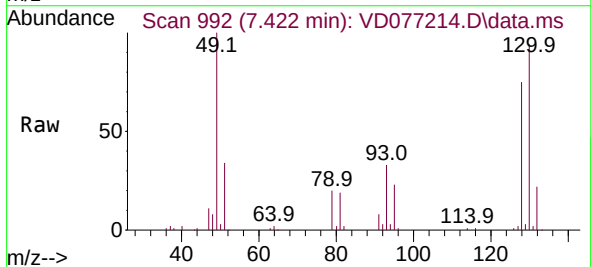
Instrument :
MSVOA_D
ClientSampleId :

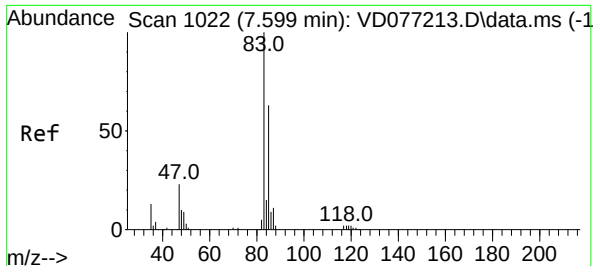
Tgt Ion: 43 Resp: 179460
Ion Ratio Lower Upper
43 100
72 31.7 15.4 46.4



#23
Bromochloromethane
Concen: 57.462 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:128 Resp: 140294
Ion Ratio Lower Upper
128 100
49 133.5 109.4 203.2
130 125.8 97.1 180.3
51 45.6 41.5 62.3





#25

Chloroform

Concen: 59.986 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

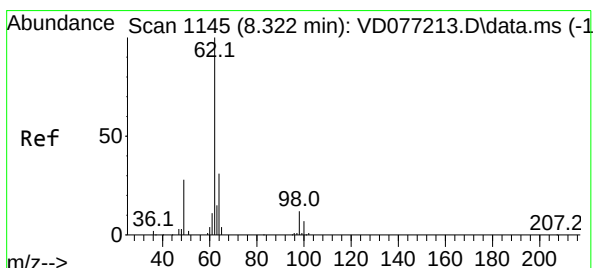
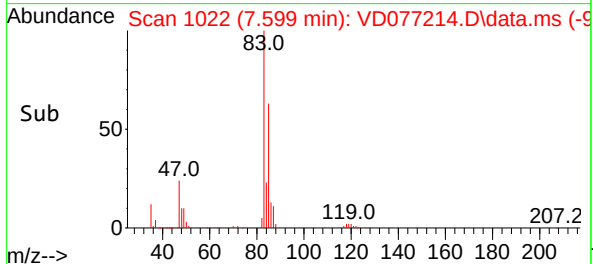
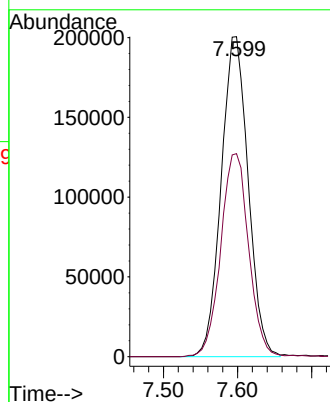
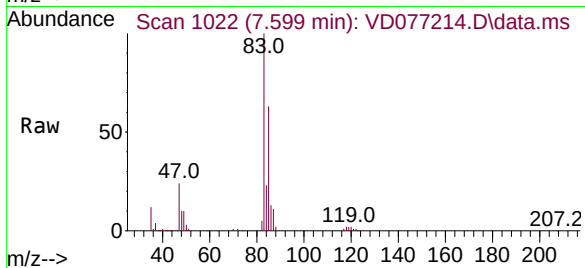
ClientSampleId :

Tgt Ion: 83 Resp: 506920

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 58.047 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD077214.D

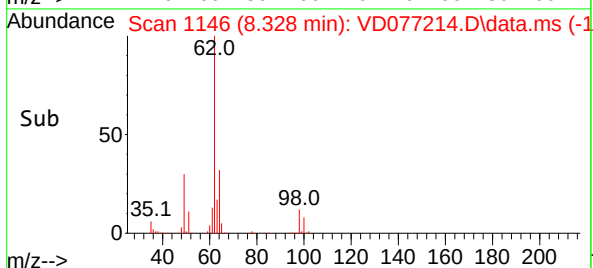
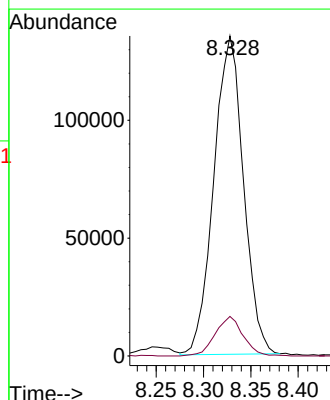
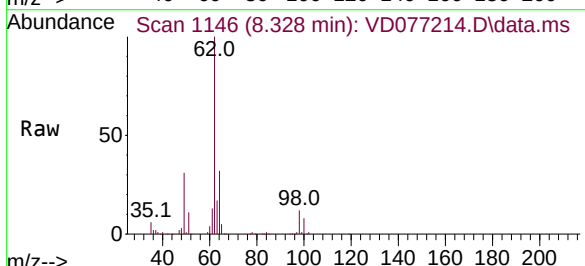
Acq: 25 Sep 2023 11:49

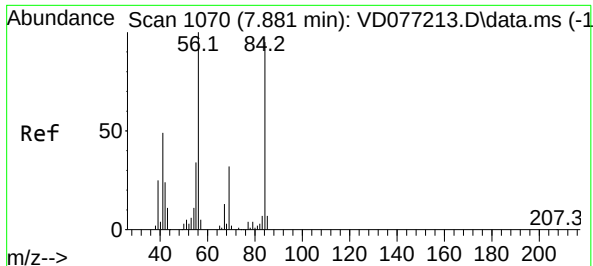
Tgt Ion: 62 Resp: 294539

Ion Ratio Lower Upper

62 100

98 12.4 9.4 14.0





#29

Cyclohexane

Concen: 54.855 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

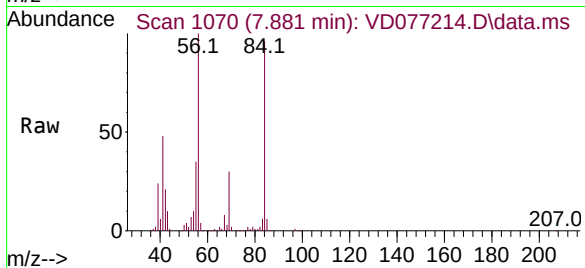
Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :



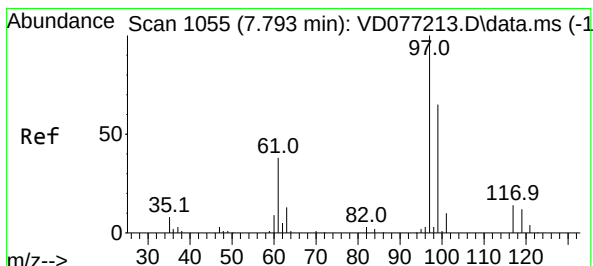
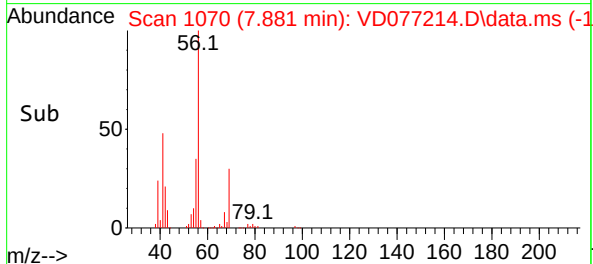
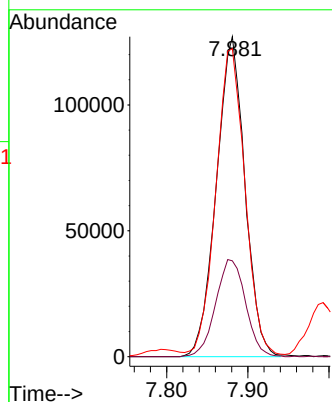
Tgt Ion: 56 Resp: 309953

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.0

84 98.4 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 55.502 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

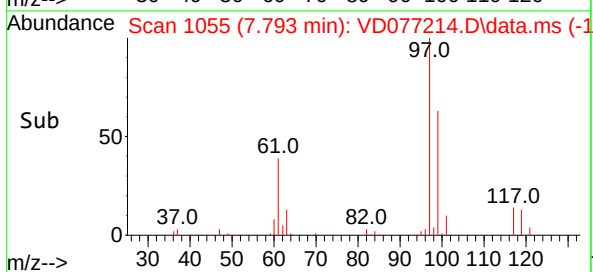
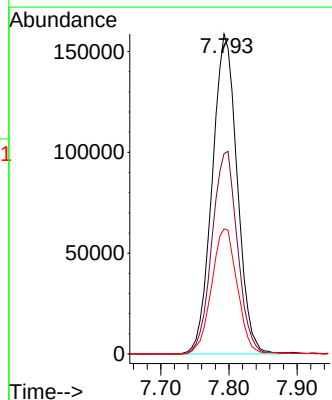
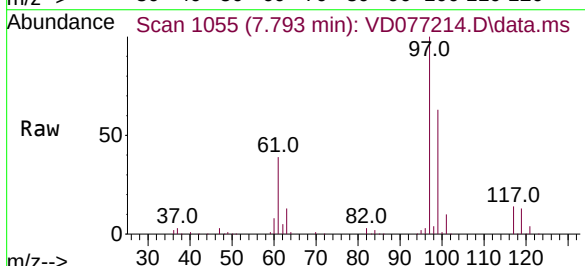
Tgt Ion: 97 Resp: 405547

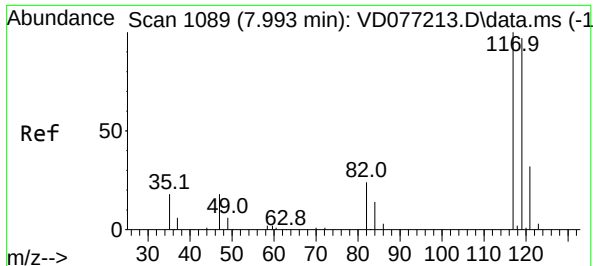
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 39.9 31.6 47.4

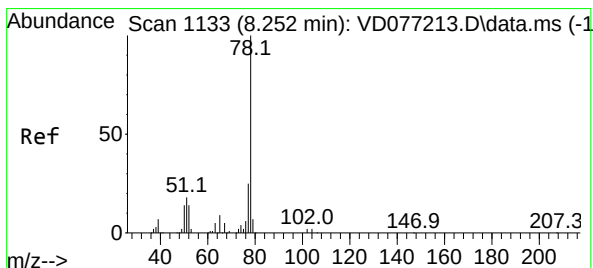
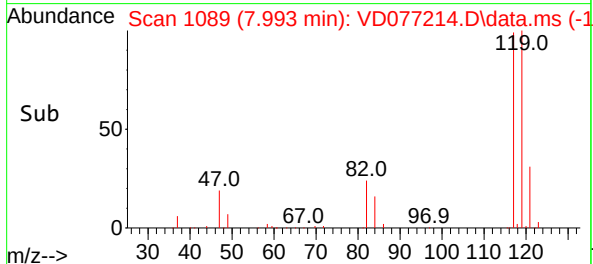
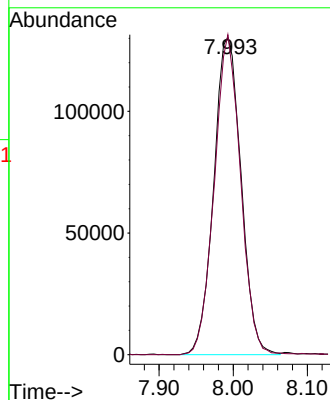
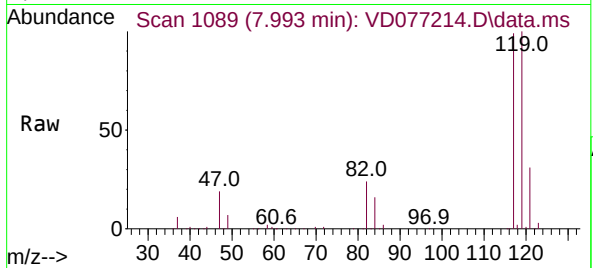




#31
Carbon tetrachloride
Concen: 54.603 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

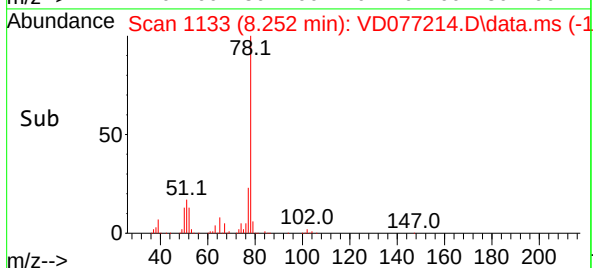
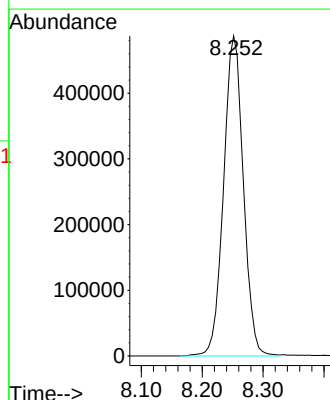
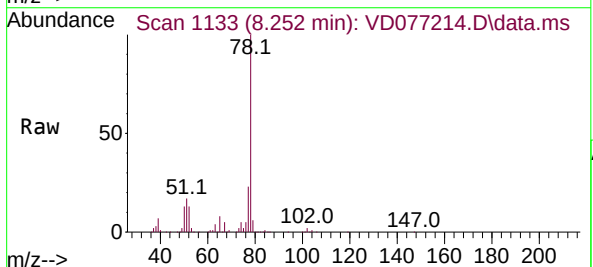
Instrument :
MSVOA_D
ClientSampleId :

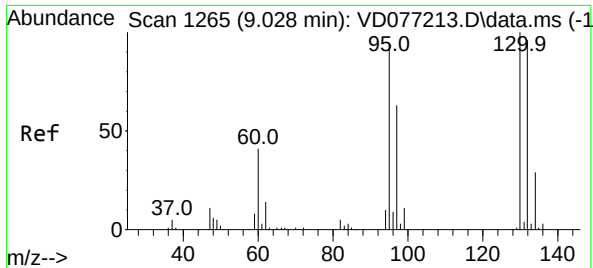
Tgt Ion:117 Resp: 333840
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0



#33
Benzene
Concen: 58.299 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 78 Resp: 1098546

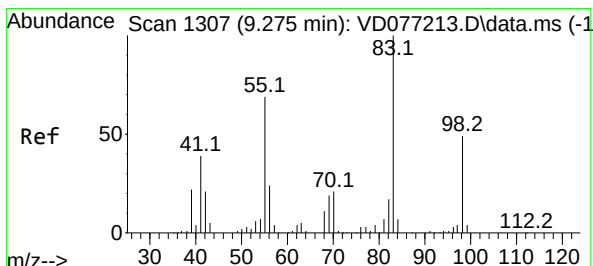
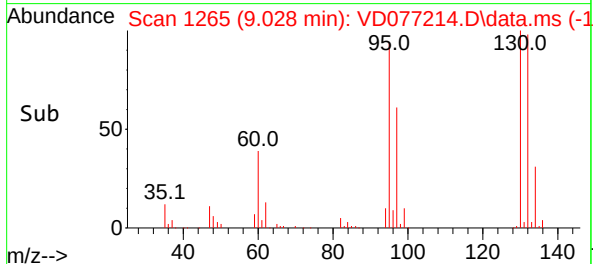
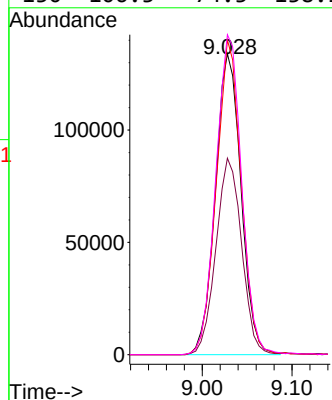
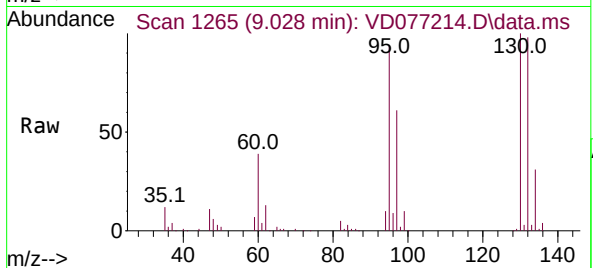




#34
Trichloroethene
Concen: 53.858 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

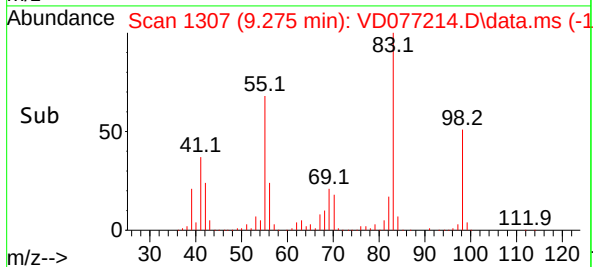
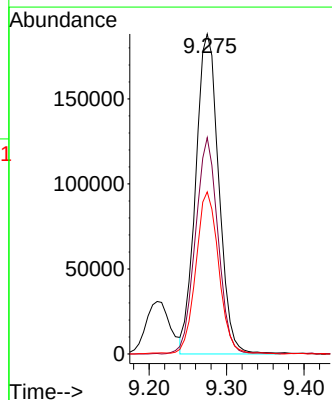
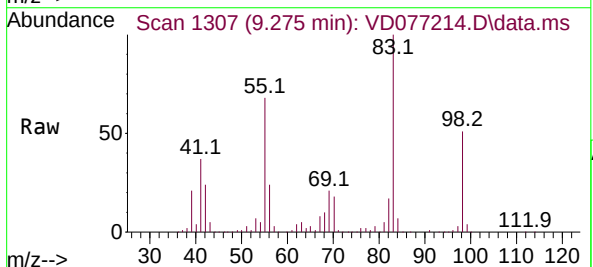
Instrument :
MSVOA_D
ClientSampleId :

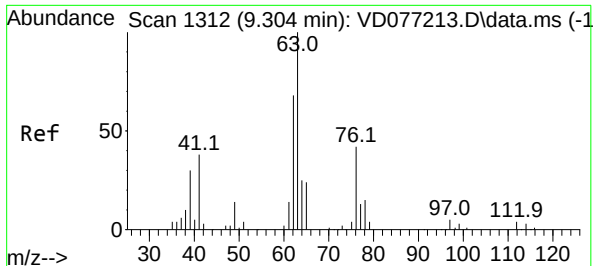
Tgt Ion: 95 Resp: 266334
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.5
132 104.5 71.8 133.4
130 106.3 74.3 138.1



#35
Methylcyclohexane
Concen: 52.577 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 83 Resp: 388878
Ion Ratio Lower Upper
83 100
55 66.3 53.0 79.4
98 50.1 39.4 59.0





#37

1,2-Dichloropropane

Concen: 59.227 ug/L

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

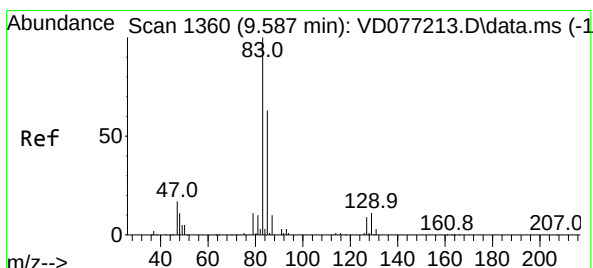
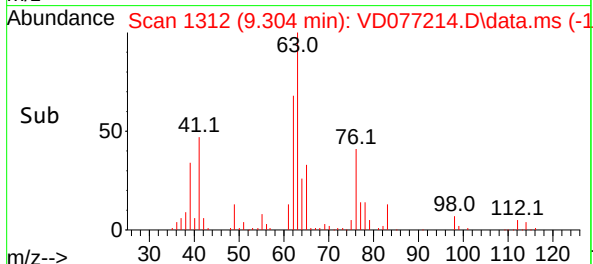
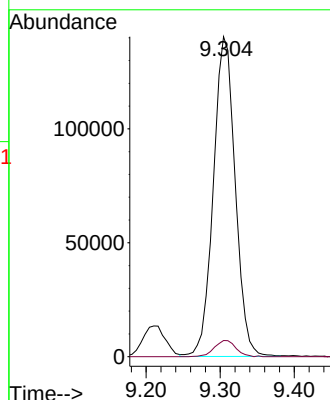
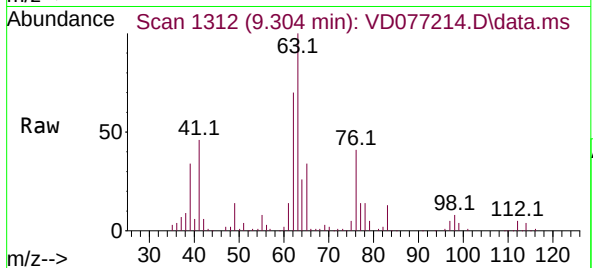
ClientSampleId :

Tgt Ion: 63 Resp: 287863

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 57.281 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

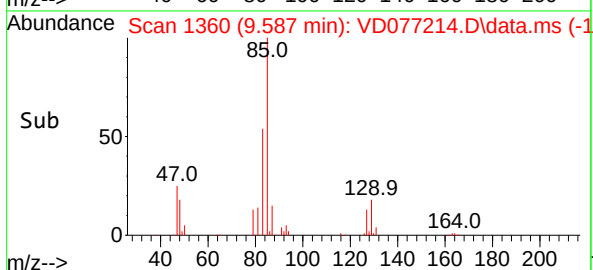
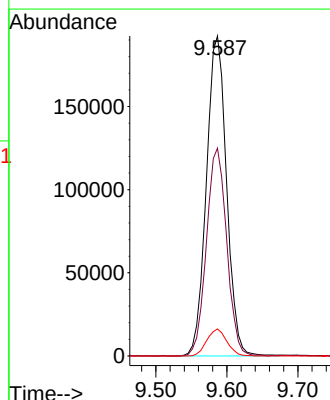
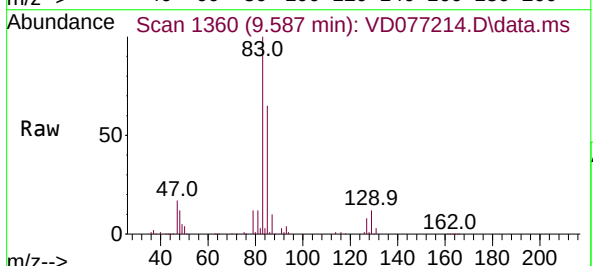
Tgt Ion: 83 Resp: 380249

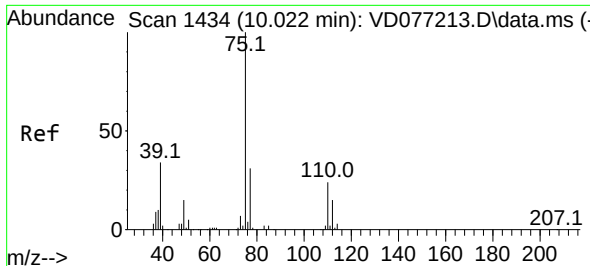
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.2

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 60.510 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

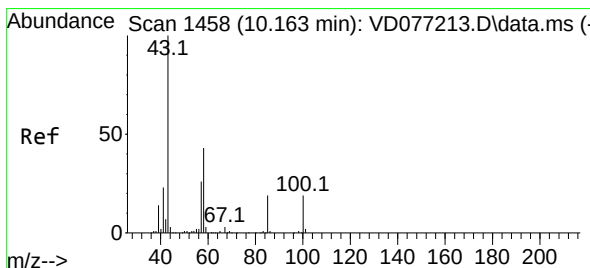
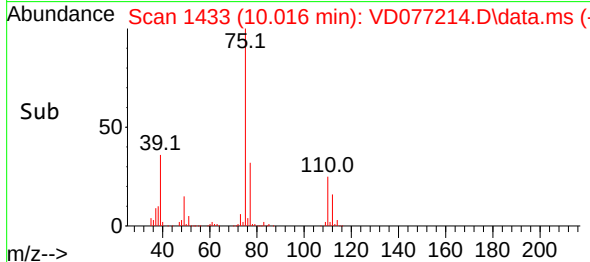
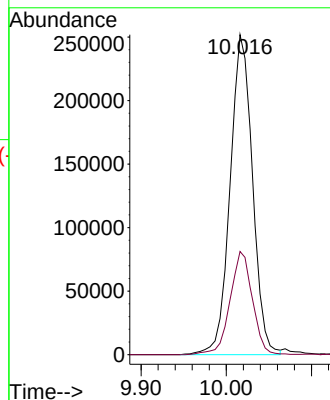
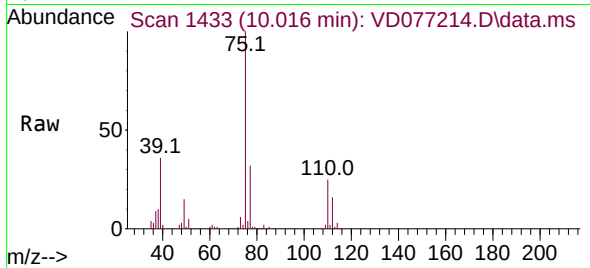
ClientSampleId :

Tgt Ion: 75 Resp: 459971

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 126.068 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

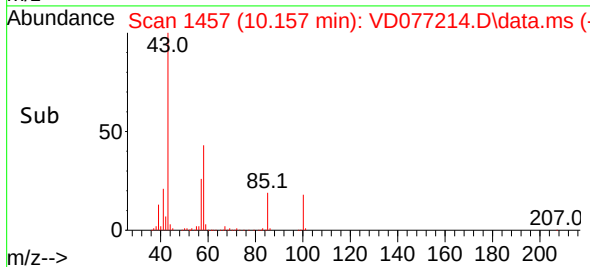
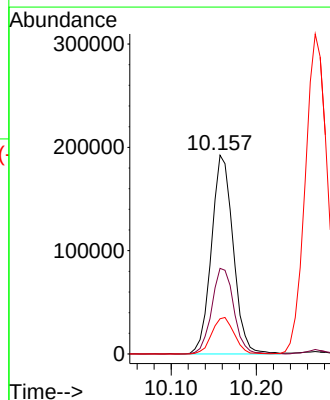
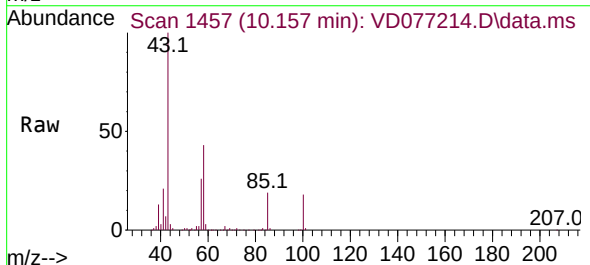
Tgt Ion: 43 Resp: 341748

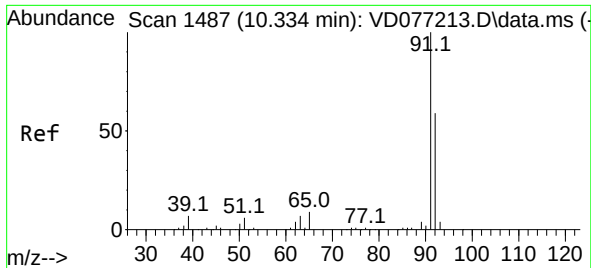
Ion Ratio Lower Upper

43 100

58 43.5 33.9 50.9

100 18.9 14.9 22.3

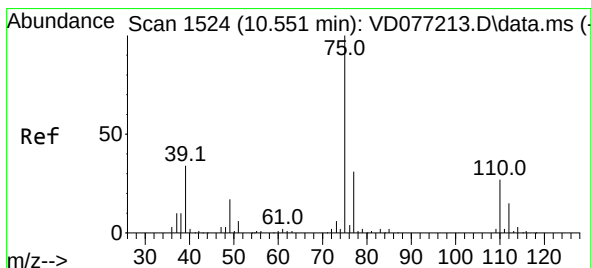
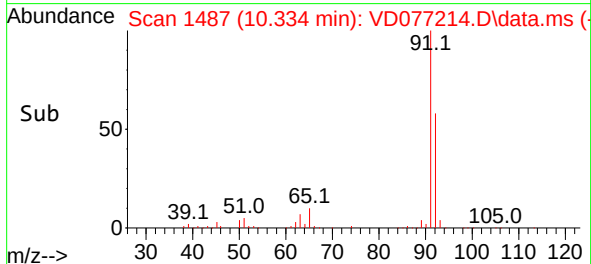
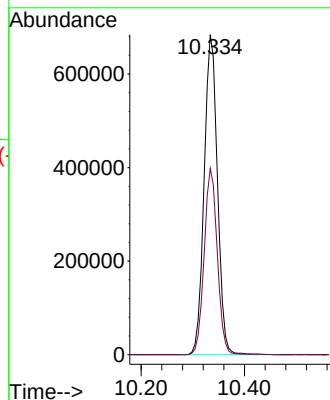
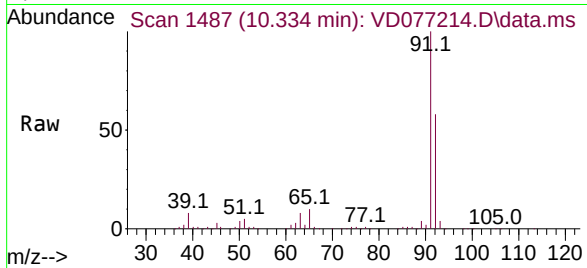




#42
Toluene
Concen: 59.708 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

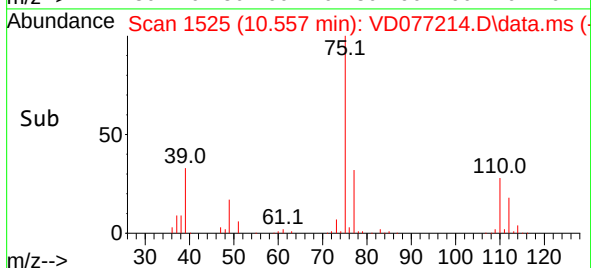
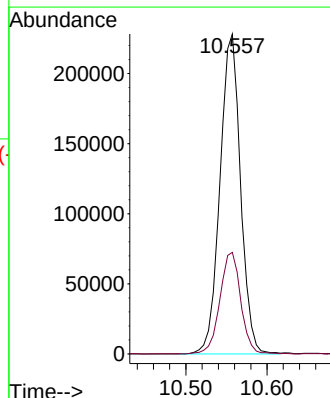
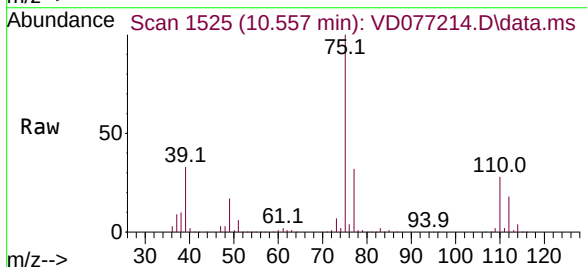
Instrument :
MSVOA_D
ClientSampleId :

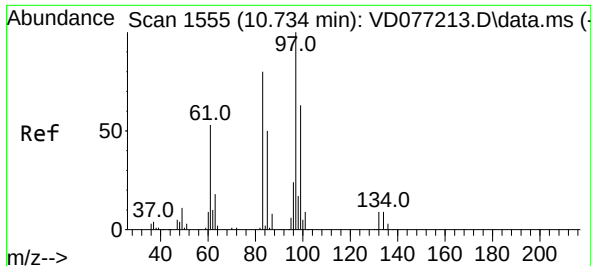
Tgt Ion: 91 Resp: 1219915
Ion Ratio Lower Upper
91 100
92 58.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 61.603 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 75 Resp: 401914
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1

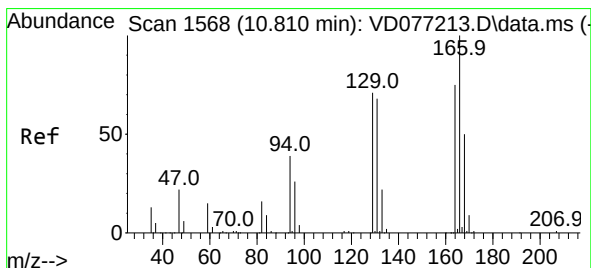
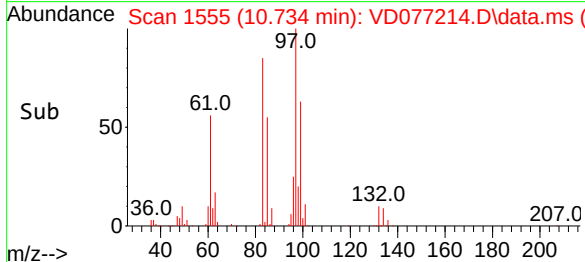
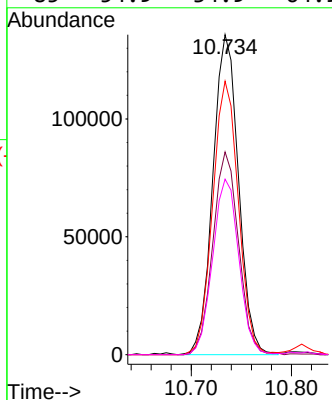
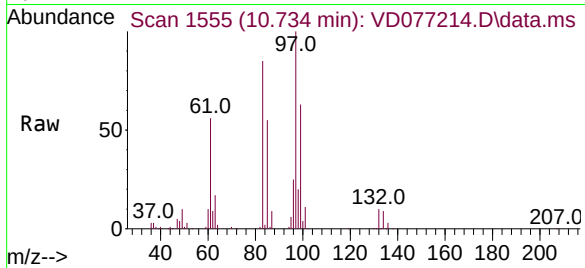




#45
1,1,2-Trichloroethane
Concen: 58.180 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

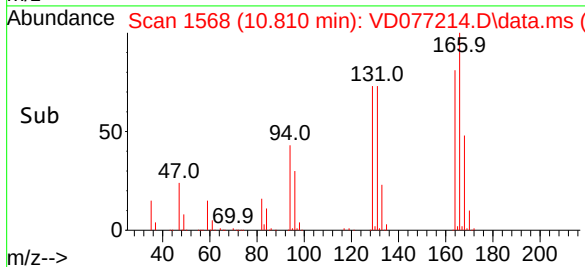
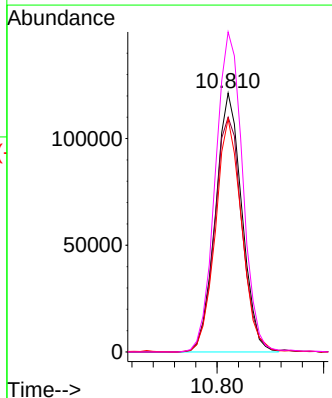
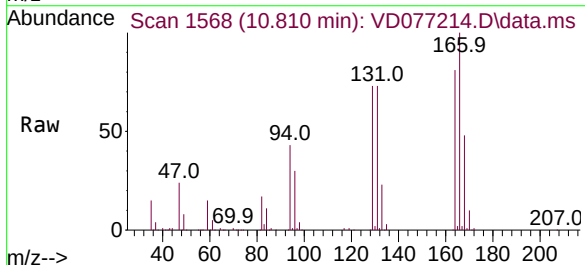
Instrument :
MSVOA_D
ClientSampleId :

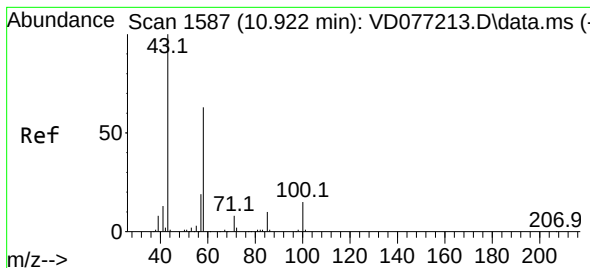
Tgt Ion:	97	Resp:	240750
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.2	82.0
83	85.4	56.4	104.7
85	54.9	34.9	64.9



#46
Tetrachloroethene
Concen: 51.981 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:	164	Resp:	209002
Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.1	122.8
131	90.0	63.5	117.9
166	123.6	93.4	173.4





#48

2-Hexanone

Concen: 128.543 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

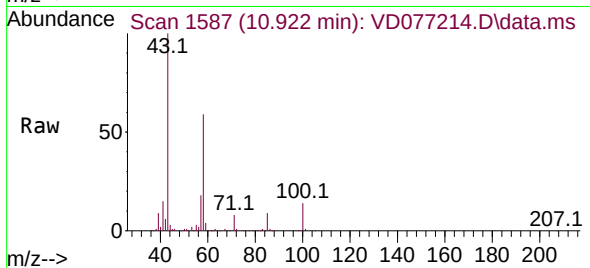
Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 269641

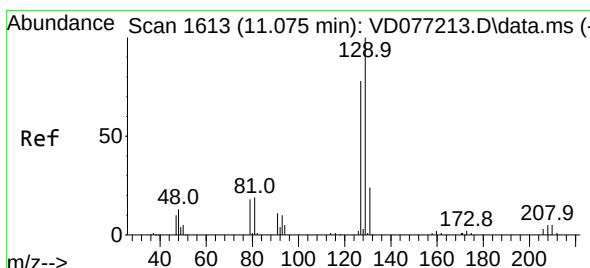
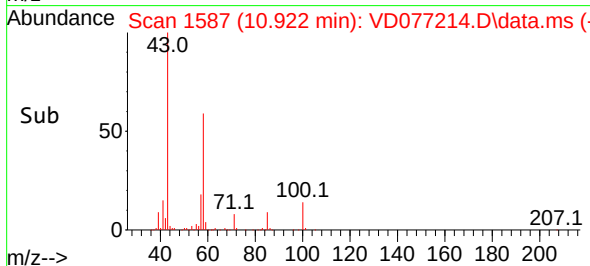
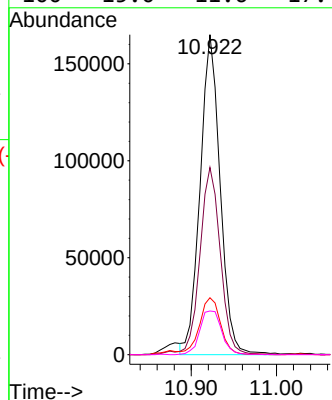
Ion Ratio Lower Upper

43 100

58 59.1 47.8 71.8

57 18.7 15.6 23.4

100 15.0 11.6 17.4



#49

Dibromochloromethane

Concen: 58.334 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077214.D

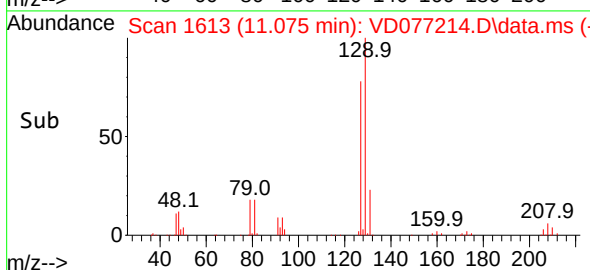
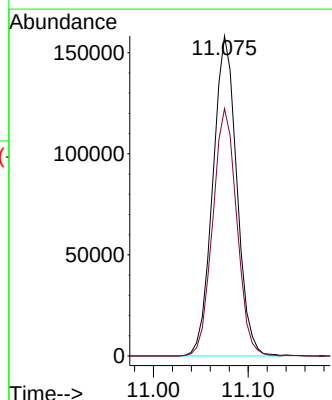
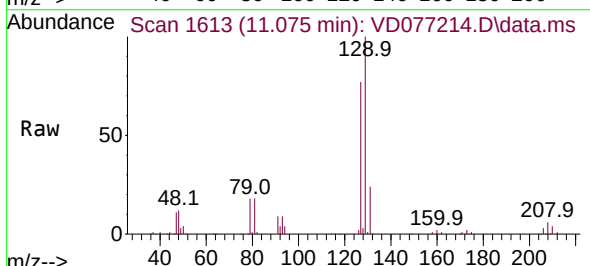
Acq: 25 Sep 2023 11:49

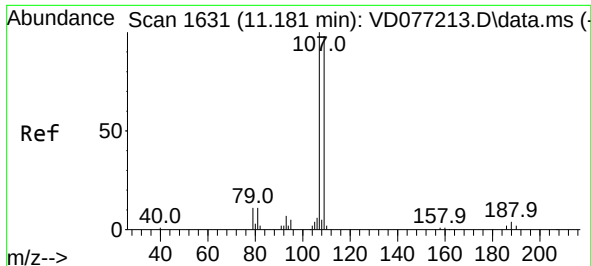
Tgt Ion: 129 Resp: 278070

Ion Ratio Lower Upper

129 100

127 77.3 54.5 101.1

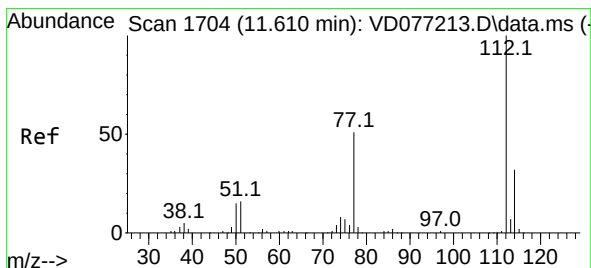
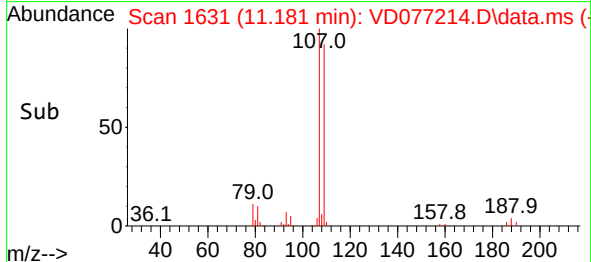
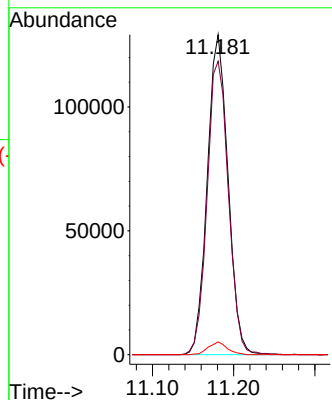
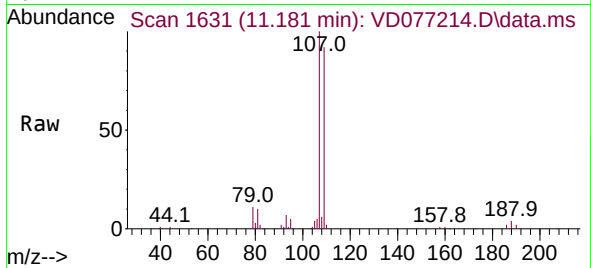




#50
1,2-Dibromoethane
Concen: 57.383 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

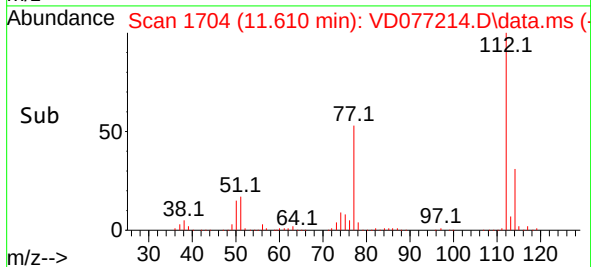
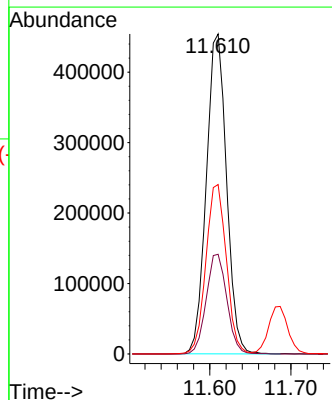
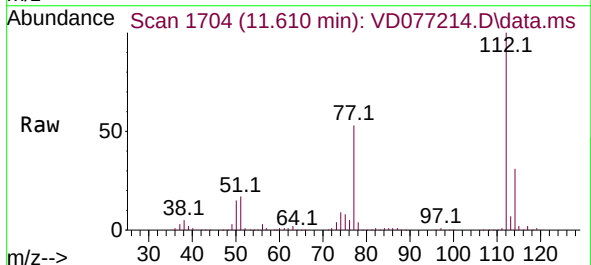
Instrument :
MSVOA_D
ClientSampleId :

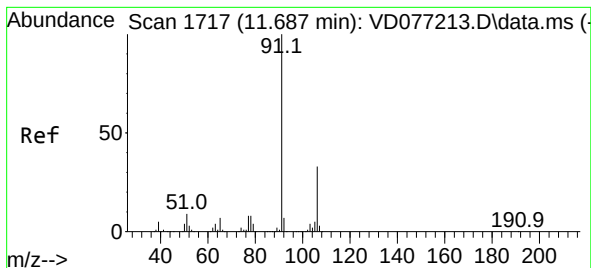
Tgt Ion:107 Resp: 229459
Ion Ratio Lower Upper
107 100
109 91.7 68.8 127.8
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 57.519 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:112 Resp: 784410
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.1
77 53.0 40.8 61.2

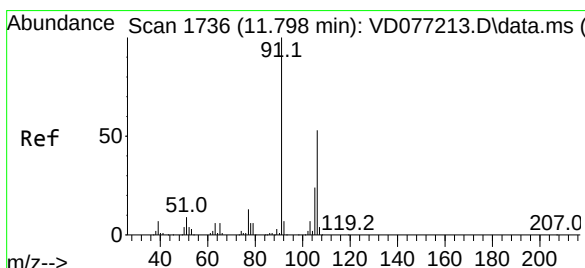
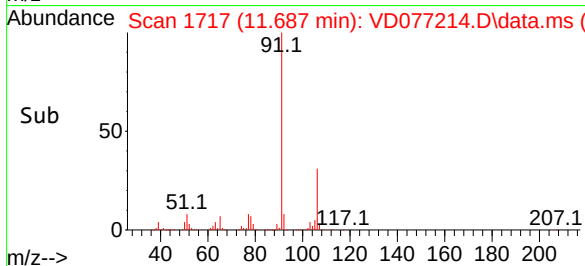
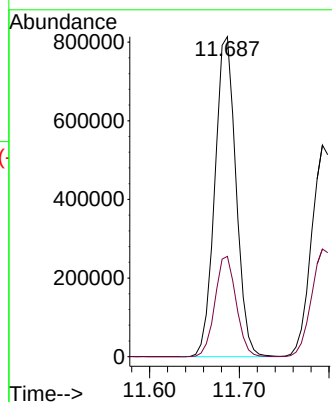
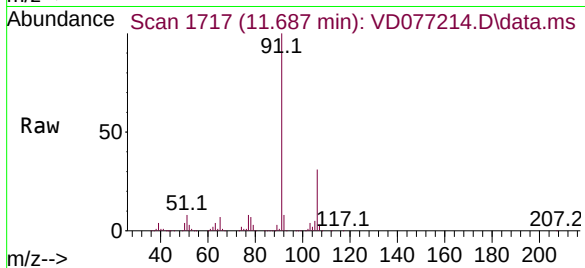




#52
Ethylbenzene
Concen: 60.442 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

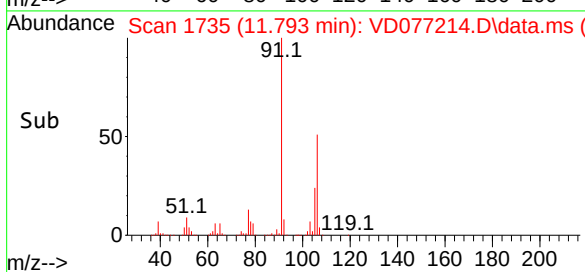
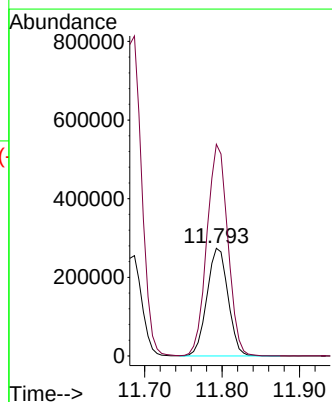
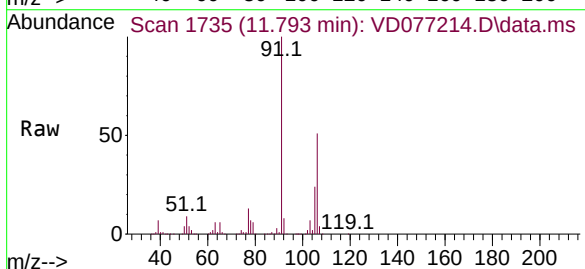
Instrument :
MSVOA_D
ClientSampleId :

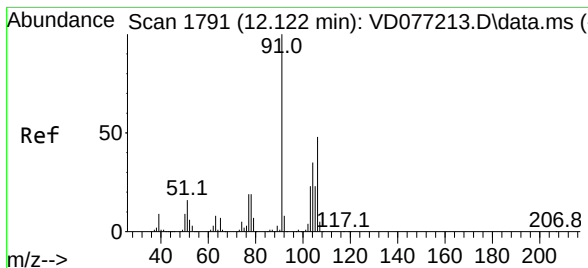
Tgt Ion: 91 Resp: 1331885
Ion Ratio Lower Upper
91 100
106 31.4 23.2 43.0



#53
m,p-Xylene
Concen: 60.781 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:106 Resp: 517335
Ion Ratio Lower Upper
106 100
91 196.5 132.8 246.6

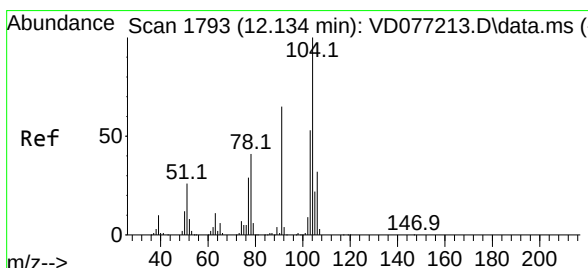
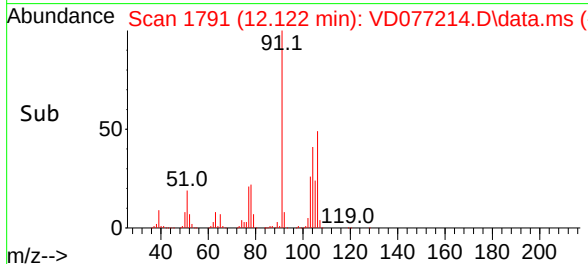
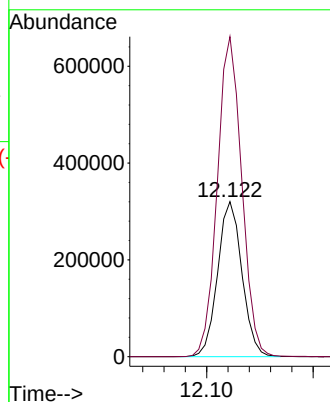
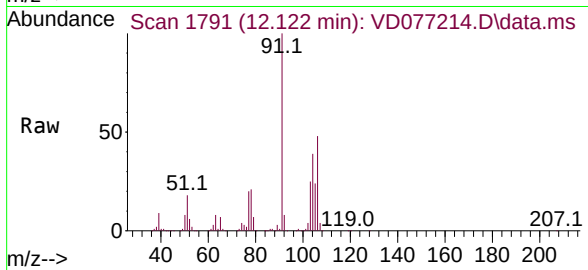




#54
o-Xylene
Concen: 61.872 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

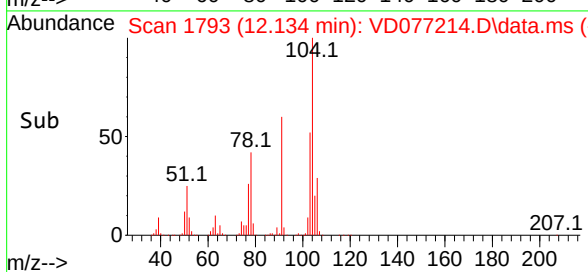
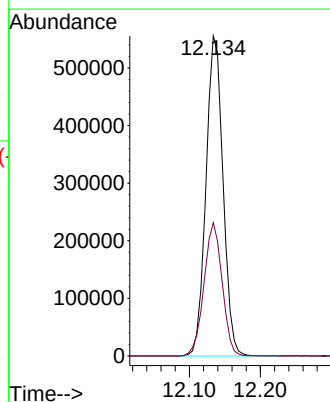
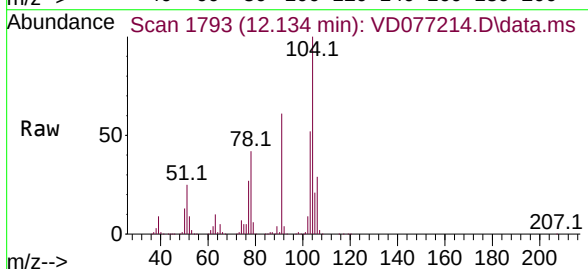
Instrument :
MSVOA_D
ClientSampleId :

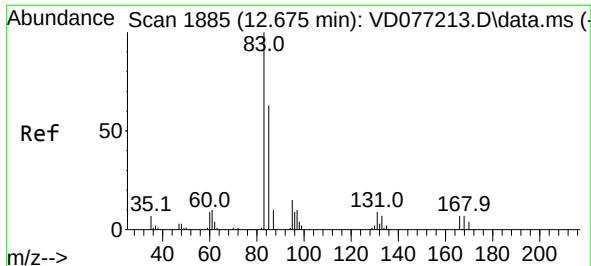
Tgt Ion:106 Resp: 507600
Ion Ratio Lower Upper
106 100
91 206.4 146.7 272.5



#55
Styrene
Concen: 62.772 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:104 Resp: 927596
Ion Ratio Lower Upper
104 100
78 41.7 29.0 53.8





#57

1,1,2,2-Tetrachloroethane

Concen: 59.551 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :

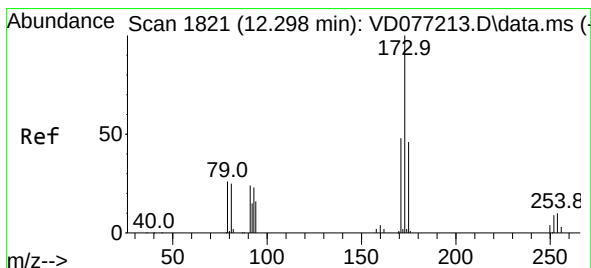
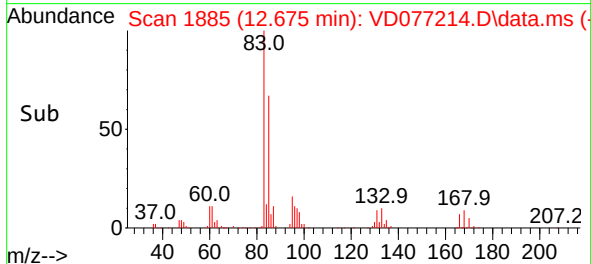
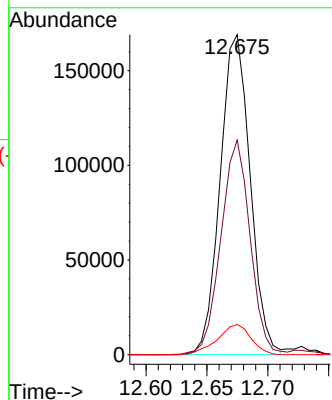
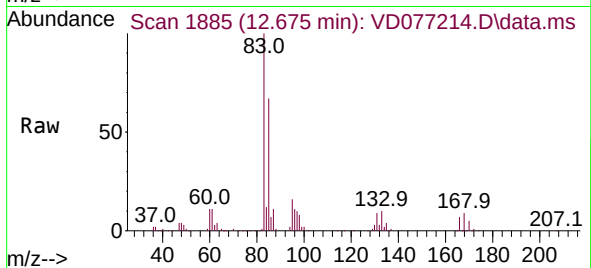
Tgt Ion: 83 Resp: 289611

Ion Ratio Lower Upper

83 100

85 67.0 44.0 81.8

131 9.4 7.7 11.5



#59

Bromoform

Concen: 55.350 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

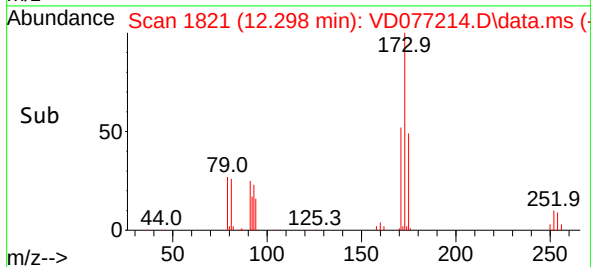
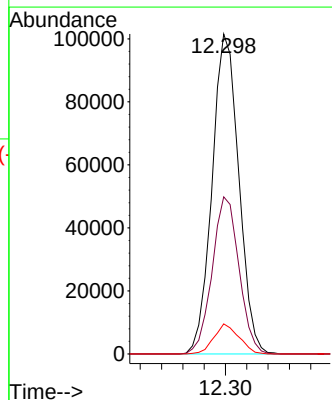
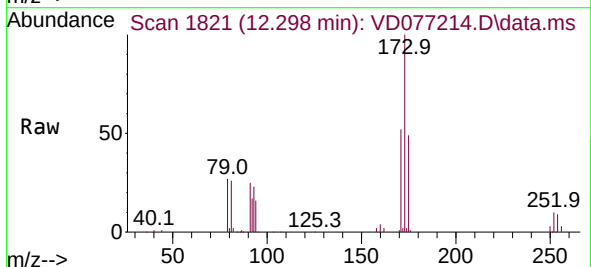
Tgt Ion:173 Resp: 176780

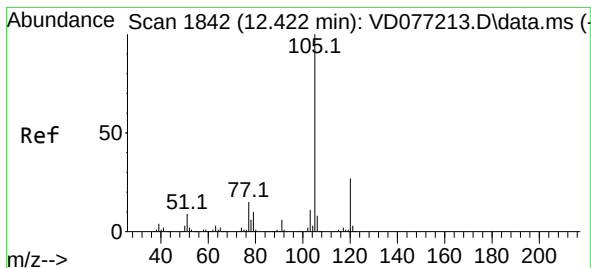
Ion Ratio Lower Upper

173 100

175 49.2 39.5 59.3

254 8.8 7.1 10.7





#60

Isopropylbenzene

Concen: 59.193 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_D

ClientSampleId :

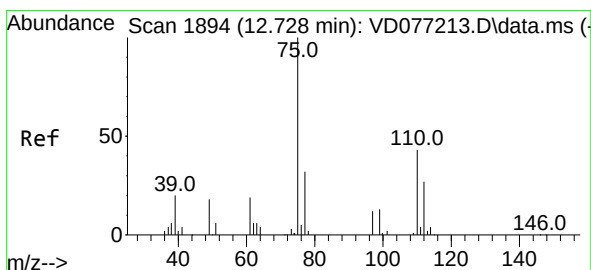
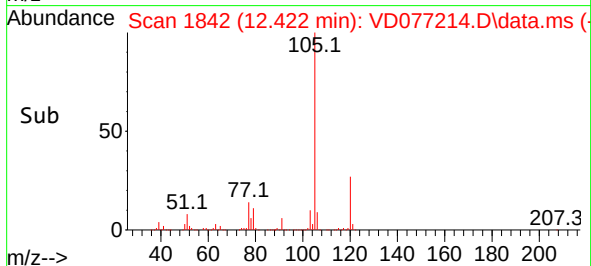
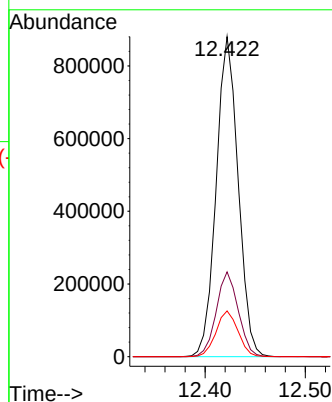
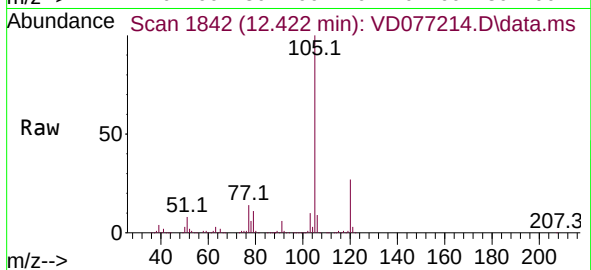
Tgt Ion:105 Resp: 1337029

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 14.3 11.5 17.3



#61

1,2,3-Trichloropropane

Concen: 55.542 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077214.D

Acq: 25 Sep 2023 11:49

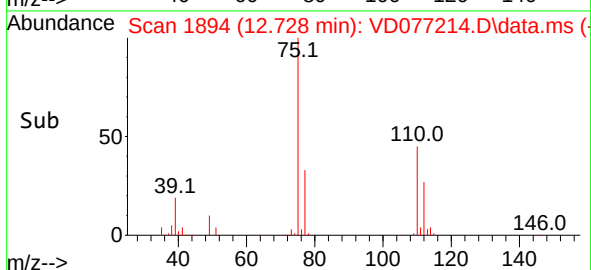
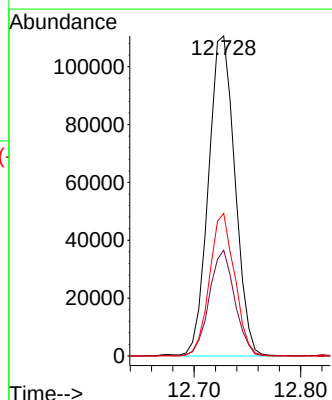
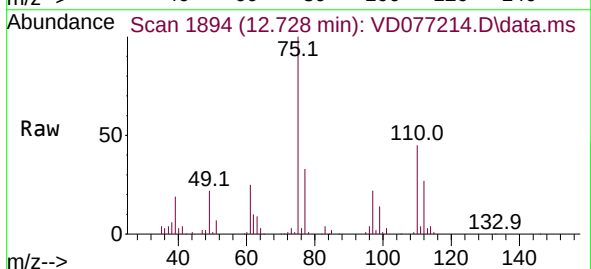
Tgt Ion: 75 Resp: 191302

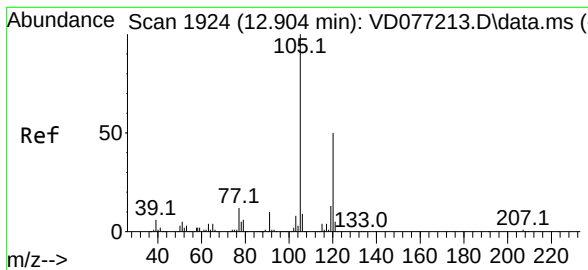
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

110 42.2 33.8 50.8

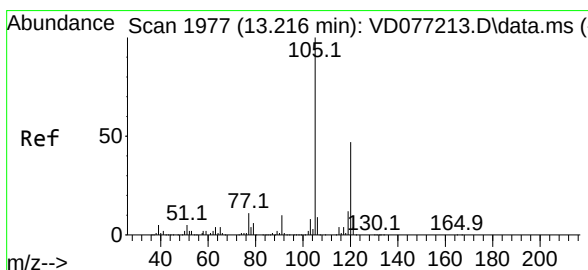
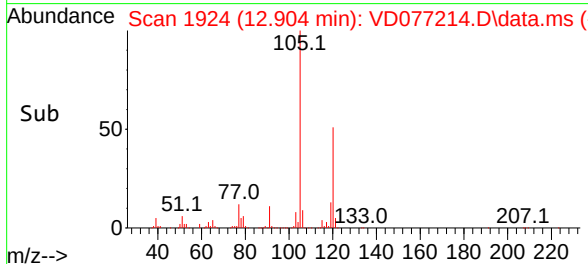
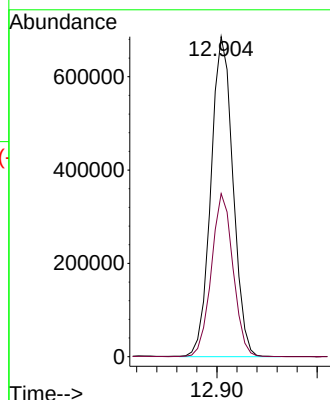
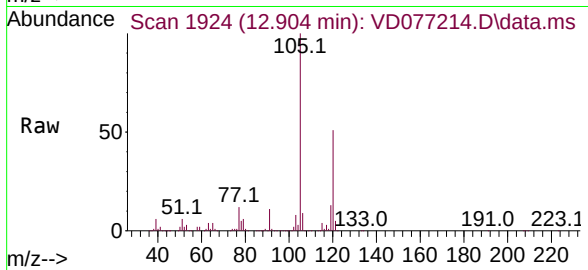




#62
 1,3,5-Trimethylbenzene
 Concen: 60.079 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

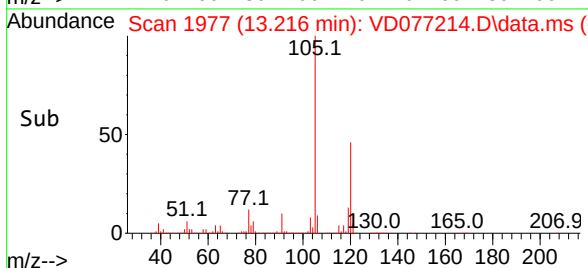
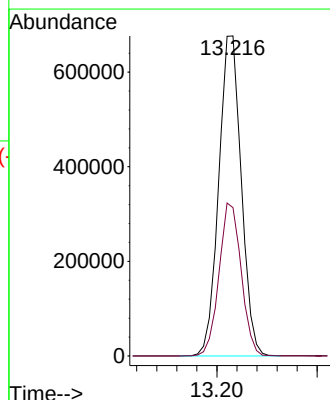
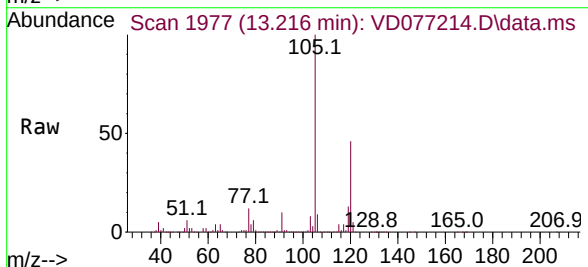
Instrument :
 MSVOA_D
 ClientSampleId :

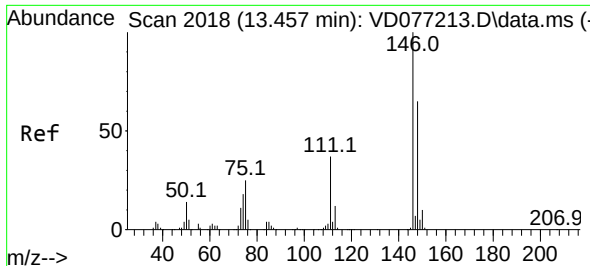
Tgt Ion:105 Resp: 1049141
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 61.297 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

Tgt Ion:105 Resp: 1053146
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.6 56.4

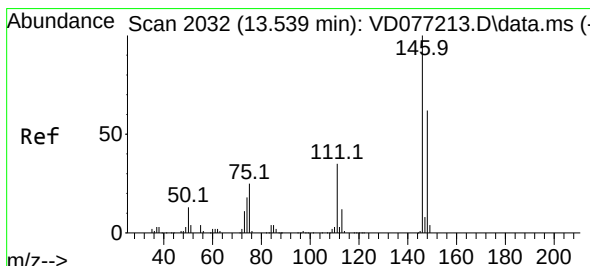
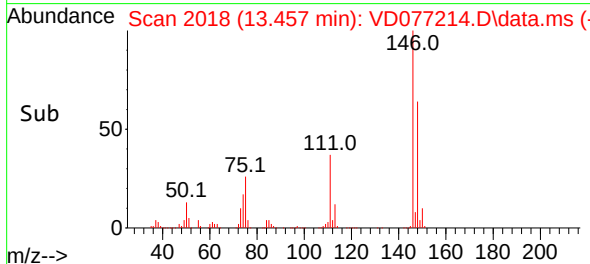
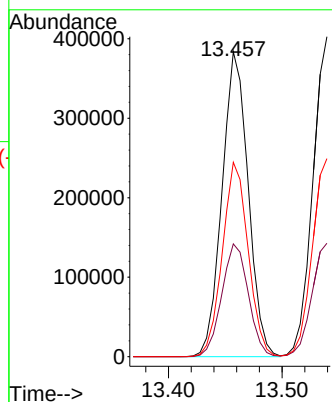
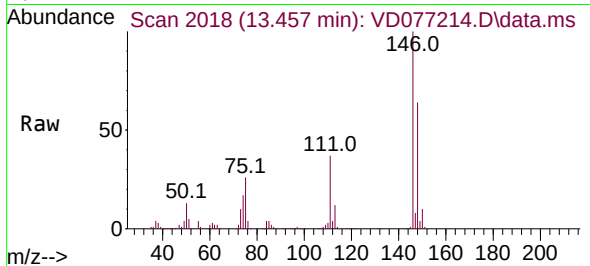




#64
1,3-Dichlorobenzene
Concen: 56.506 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

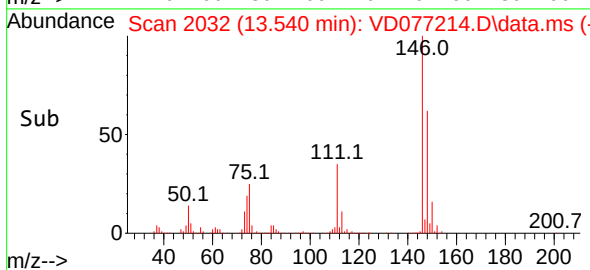
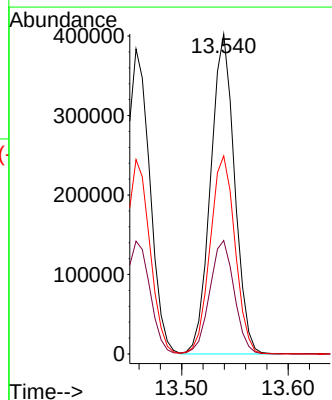
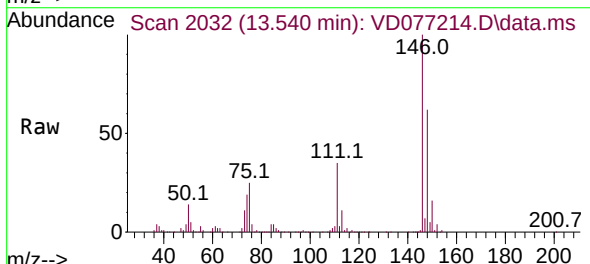
Instrument :
MSVOA_D
ClientSampleId :

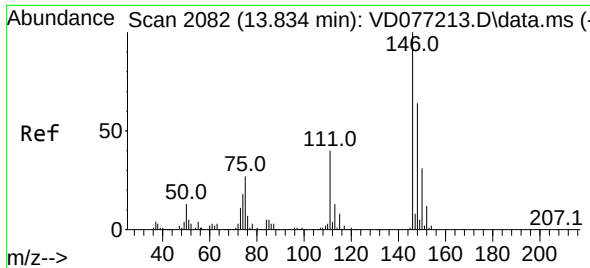
Tgt Ion:146 Resp: 612594
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 63.8 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 55.310 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:146 Resp: 629684
Ion Ratio Lower Upper
146 100
111 35.4 24.6 45.8
148 61.9 43.5 80.7

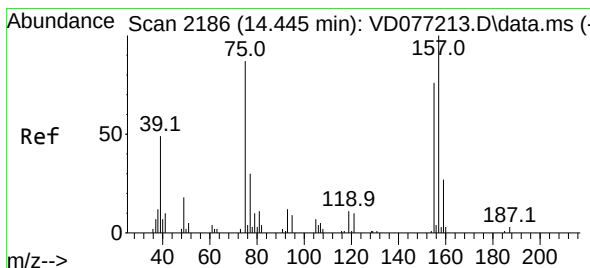
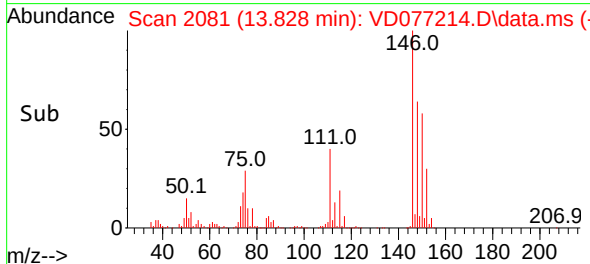
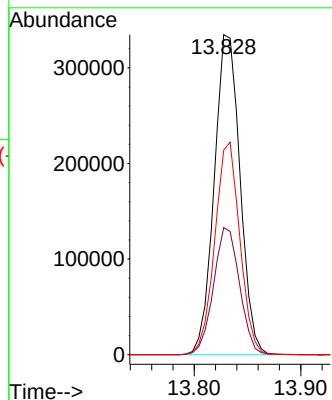
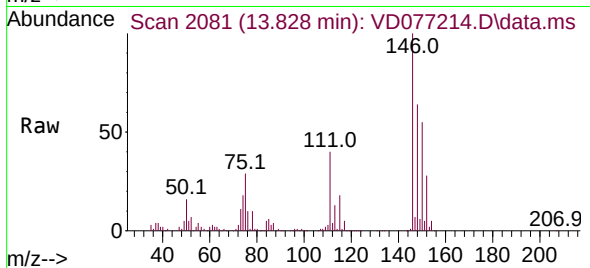




#67
1,2-Dichlorobenzene
Concen: 56.263 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

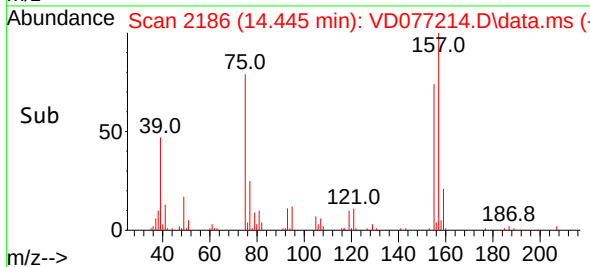
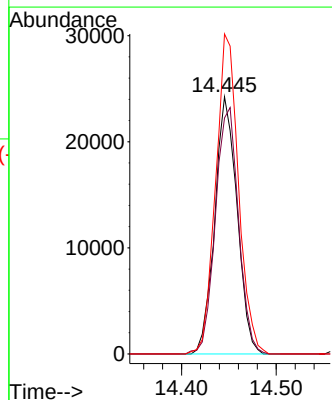
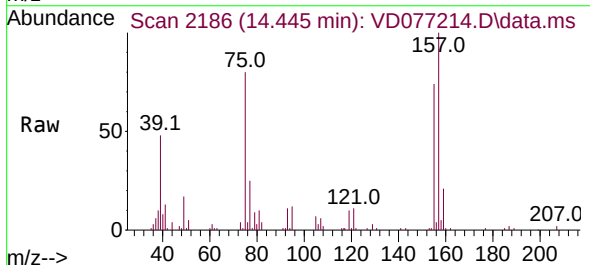
Instrument :
MSVOA_D
ClientSampleId :

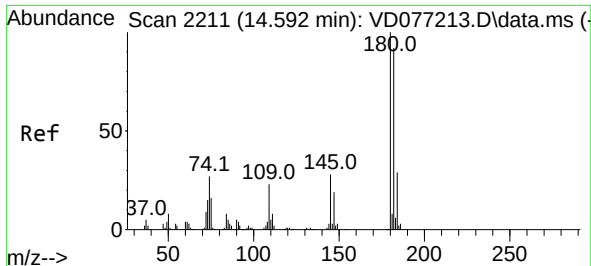
Tgt Ion:146 Resp: 562883
Ion Ratio Lower Upper
146 100
111 39.7 32.3 48.5
148 64.0 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 55.435 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 75 Resp: 39673
Ion Ratio Lower Upper
75 100
155 91.8 69.8 104.6
157 124.5 91.5 137.3

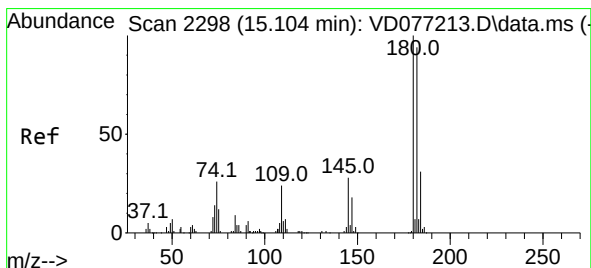
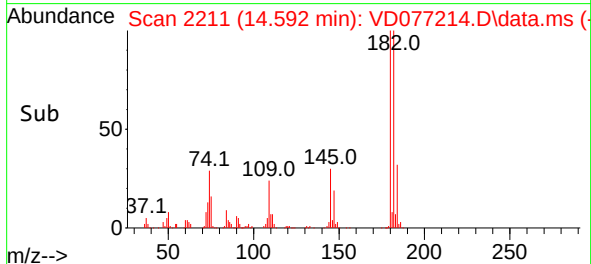
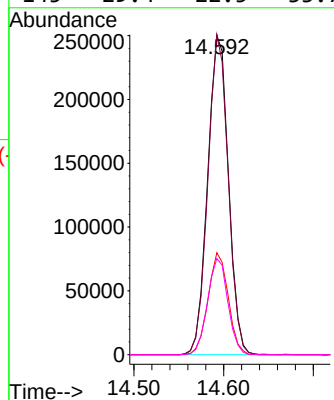
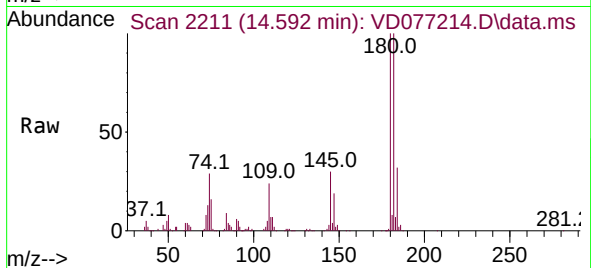




#69
 1,3,5-Trichlorobenzene
 Concen: 56.264 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

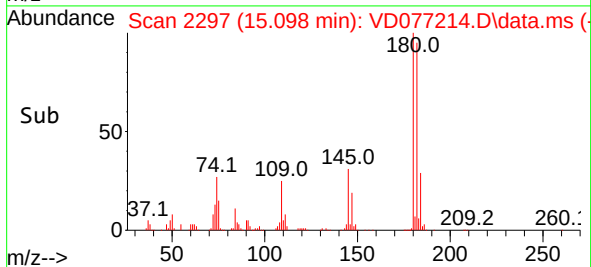
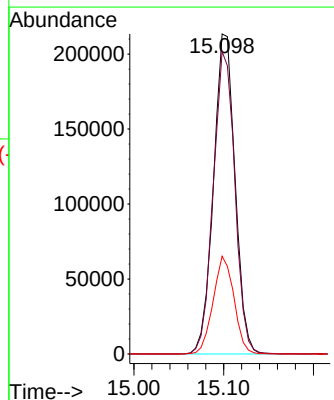
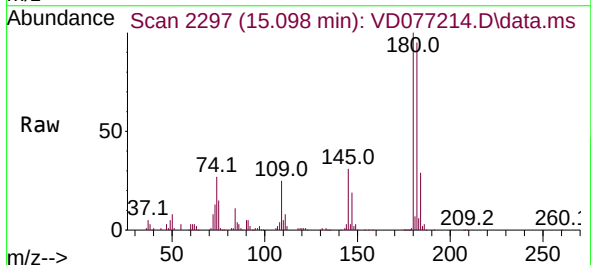
Instrument :
 MSVOA_D
 ClientSampleId :

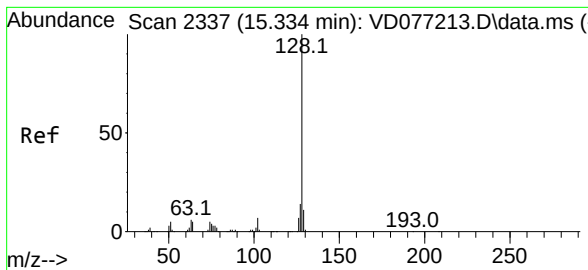
Tgt Ion:180	Resp: 403492
Ion Ratio	Lower Upper
180 100	
182 97.2	75.2 112.8
184 30.9	25.0 37.4
145 29.4	22.5 33.7



#70
 1,2,4-trichlorobenzene
 Concen: 58.157 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077214.D
 Acq: 25 Sep 2023 11:49

Tgt Ion:180	Resp: 355573
Ion Ratio	Lower Upper
180 100	
182 94.7	76.8 115.2
145 29.6	23.0 34.6

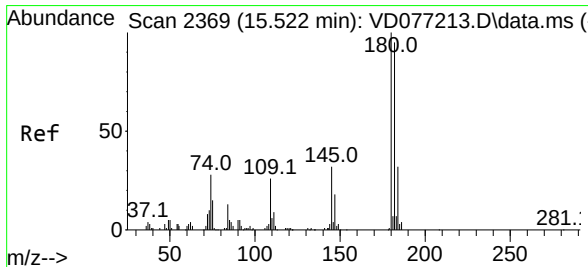
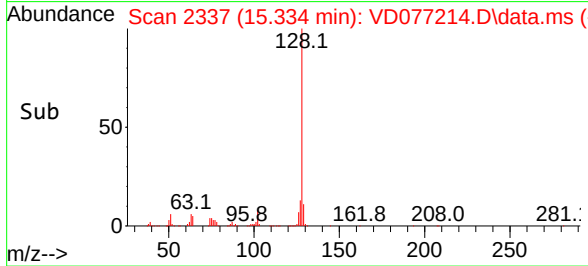
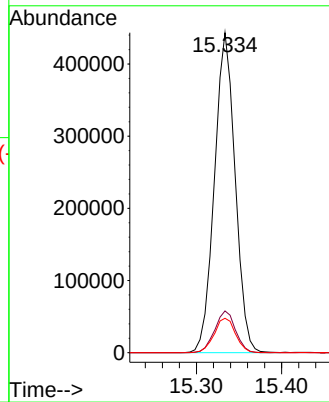
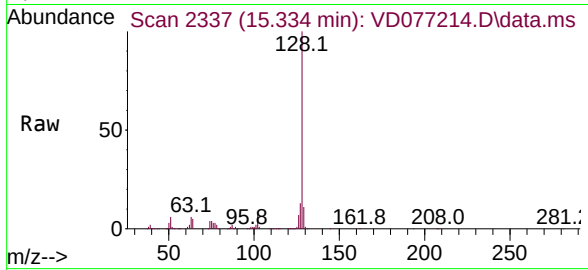




#71
Naphthalene
Concen: 60.849 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 748015
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 58.141 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077214.D
Acq: 25 Sep 2023 11:49

Tgt Ion:180 Resp: 329346
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.2
145 31.0 25.5 38.3

