

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077538.D
 Acq On : 13 Nov 2023 09:20
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	381762	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	347263	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	164388	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	196543	20.238	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
7) Chloroethane-d5	2.811	69	162957	21.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	3.928	65	63468	21.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.560%
21) 2-Butanone-d5	6.993	46	83450	49.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.260%
24) Chloroform-d	7.575	84	251439	22.800	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	8.234	65	134725	22.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.880%
32) Benzene-d6	8.204	84	508056	22.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.210	67	170003	23.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	10.269	98	453455	22.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	10.528	79	71863	22.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	10.875	63	64308	48.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	114479	23.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	133642	22.852	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	132570	21.562	ug/L	99
3) Chloromethane	2.152	50	201411	22.770	ug/L	100
5) Vinyl chloride	2.293	62	218985	21.934	ug/L	97
6) Bromomethane	2.705	94	116574	21.932	ug/L	92
8) Chloroethane	2.846	64	137614	22.172	ug/L	94
9) Trichlorofluoromethane	3.187	101	205847	22.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	119845	21.434	ug/L	99
12) 1,1-Dichloroethene	3.952	96	115214	21.222	ug/L	92
13) Acetone	4.022	43	90973	51.473	ug/L	95
14) Carbon disulfide	4.281	76	417395	21.352	ug/L	98
15) Methyl Acetate	4.575	43	64061	22.032	ug/L	# 83
16) Methylene chloride	4.811	84	127277	19.746	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	121420	21.262	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	293144	21.871	ug/L	99
19) 1,1-Dichloroethane	6.116	63	257435	22.468	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	131900	21.259	ug/L	96
22) 2-Butanone	7.081	43	95263	44.797	ug/L	95
23) Bromochloromethane	7.428	128	52826	21.190	ug/L	89
25) Chloroform	7.599	83	234622	22.290	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077538.D
 Acq On : 13 Nov 2023 09:20
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

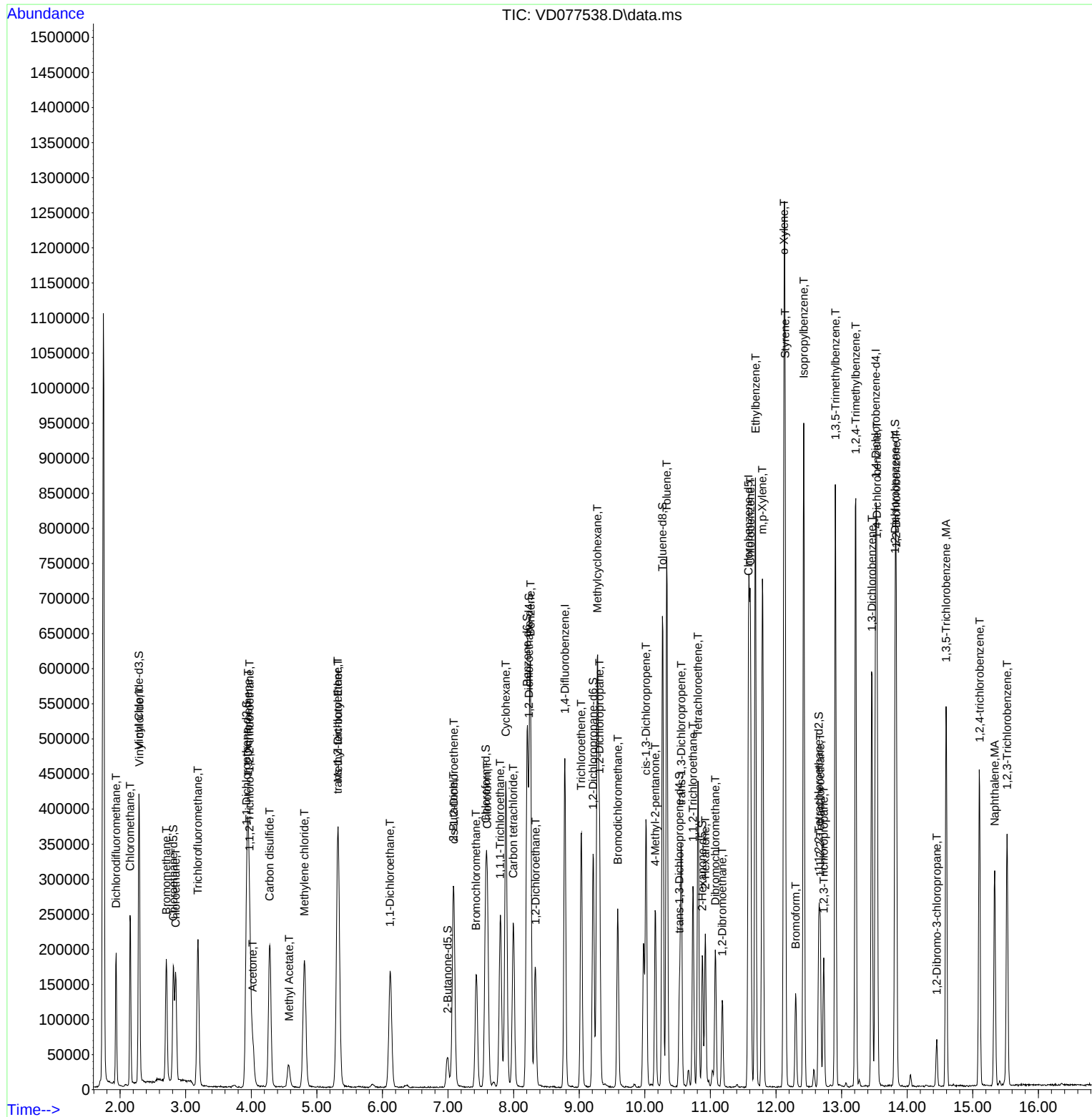
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	154836	22.190	ug/L	95
29) Cyclohexane	7.881	56	252519	22.396	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	200685	22.075	ug/L	99
31) Carbon tetrachloride	7.993	117	174146	22.290	ug/L	99
33) Benzene	8.257	78	529163	21.974	ug/L	100
34) Trichloroethene	9.028	95	131114	21.973	ug/L	96
35) Methylcyclohexane	9.275	83	238592	22.157	ug/L	98
37) 1,2-Dichloropropane	9.310	63	147915	22.095	ug/L	98
38) Bromodichloromethane	9.587	83	166686	21.707	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	225035	21.875	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	185180	45.391	ug/L	99
42) Toluene	10.334	91	552513	21.853	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	186551	21.946	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	88670	21.668	ug/L	98
46) Tetrachloroethene	10.810	164	94257	21.468	ug/L	93
48) 2-Hexanone	10.922	43	150371	46.501	ug/L	100
49) Dibromochloromethane	11.075	129	97008	20.869	ug/L	100
50) 1,2-Dibromoethane	11.181	107	82579	21.102	ug/L	99
51) Chlorobenzene	11.610	112	321470	21.703	ug/L	100
52) Ethylbenzene	11.687	91	612528	22.018	ug/L	97
53) m,p-Xylene	11.793	106	220640	21.795	ug/L	94
54) o-Xylene	12.122	106	211745	21.839	ug/L	97
55) Styrene	12.140	104	371411	21.939	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	104945	21.769	ug/L	98
59) Bromoform	12.298	173	57537	20.529	ug/L	99
60) Isopropylbenzene	12.422	105	591263	22.236	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74966	21.409	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	445805	22.091	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	450009	22.014	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	231570	21.228	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	236742	21.504	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	205486	21.306	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	16737	21.974	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	158453	21.333	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	136191	21.756	ug/L	99
71) Naphthalene	15.334	128	249303	21.131	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	115279	21.597	ug/L	97

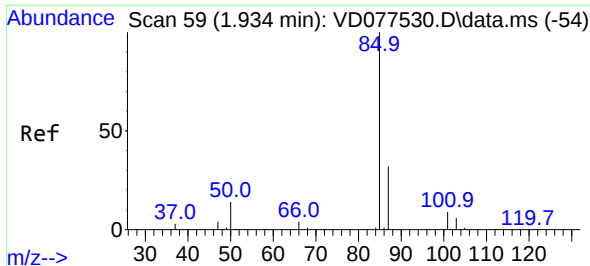
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077538.D
Acq On : 13 Nov 2023 09:20
Operator : JC/SY
Sample : VSTDCCC025
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 16 00:40:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

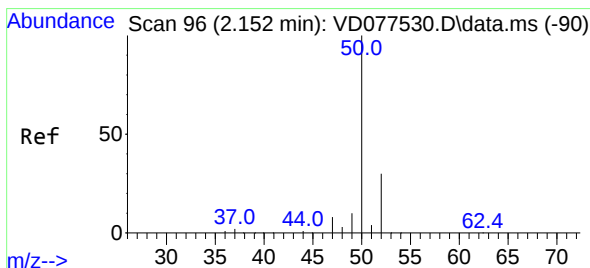
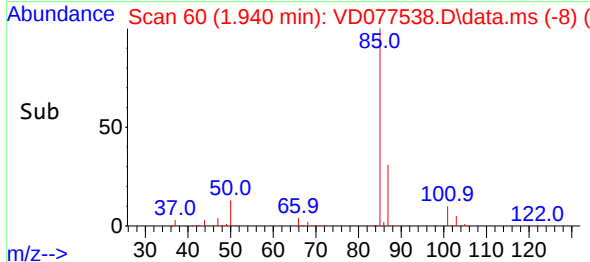
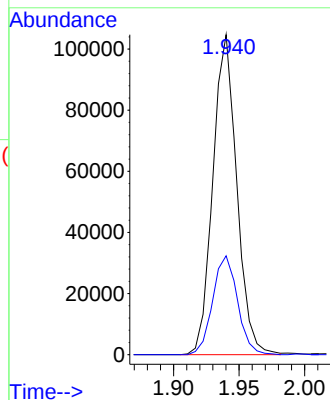
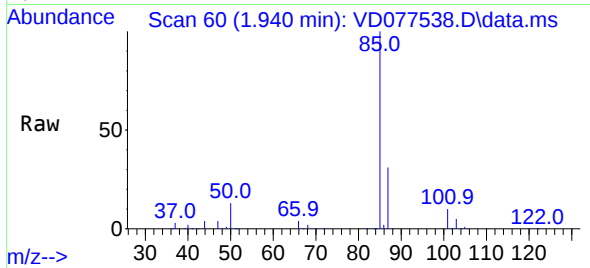




#2
 Dichlorodifluoromethane
 Concen: 21.562 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

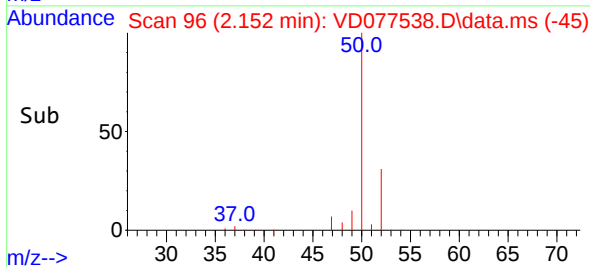
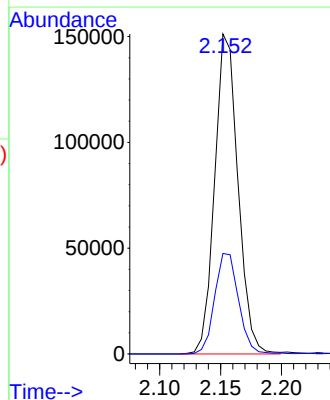
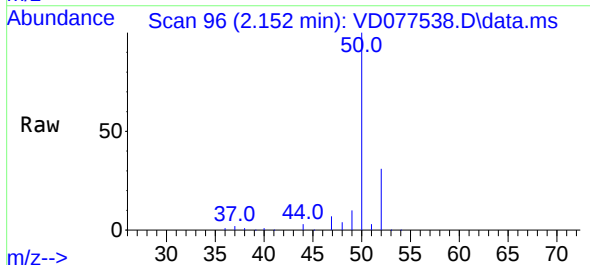
Instrument :
 MSVOA_D
 ClientSampleId :

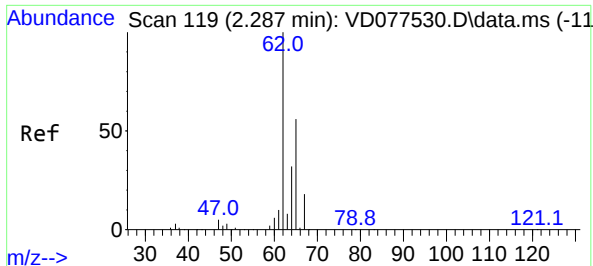
Tgt Ion: 85 Resp: 132570
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.2



#3
 Chloromethane
 Concen: 22.770 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

Tgt Ion: 50 Resp: 201411
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.1 41.1

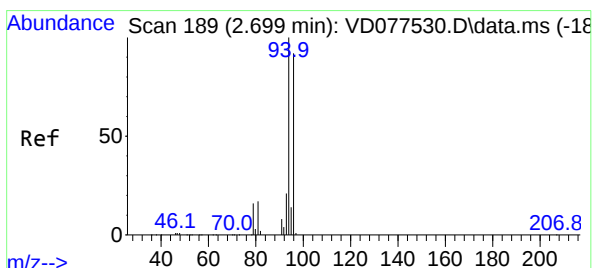
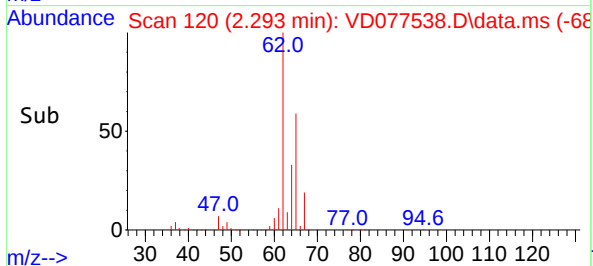
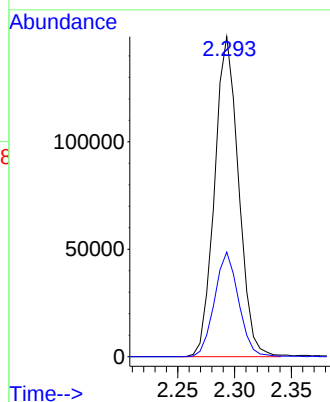
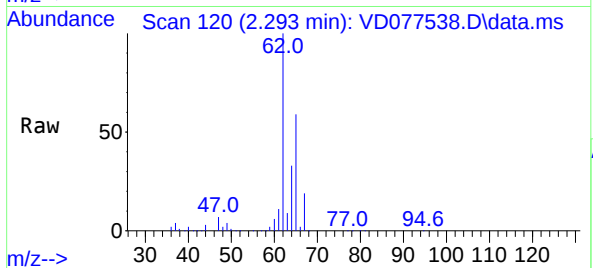




#5
 Vinyl chloride
 Concen: 21.934 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

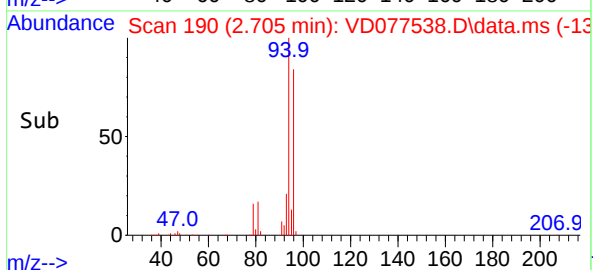
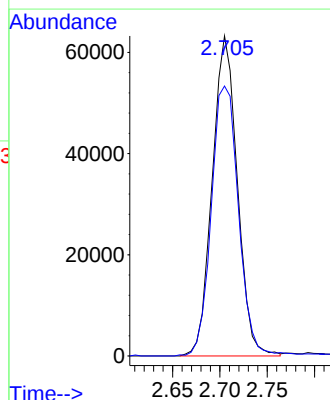
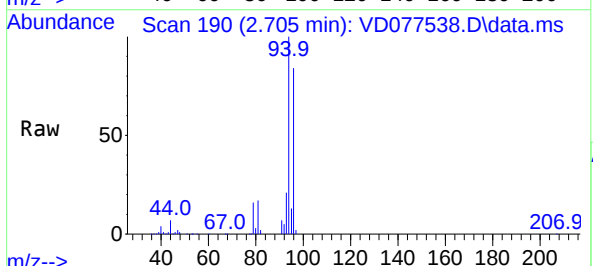
Instrument :
 MSVOA_D
 ClientSampleId :

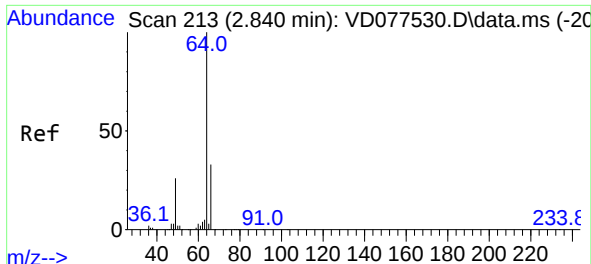
Tgt Ion: 62 Resp: 218985
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.9 44.5



#6
 Bromomethane
 Concen: 21.932 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

Tgt Ion: 94 Resp: 116574
 Ion Ratio Lower Upper
 94 100
 96 84.4 64.5 119.9

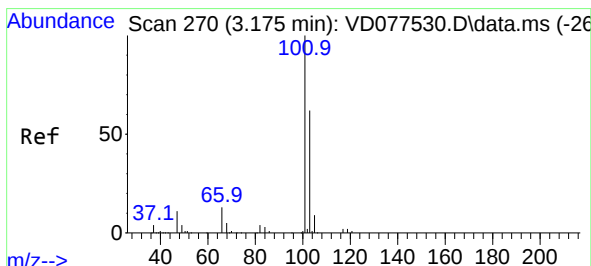
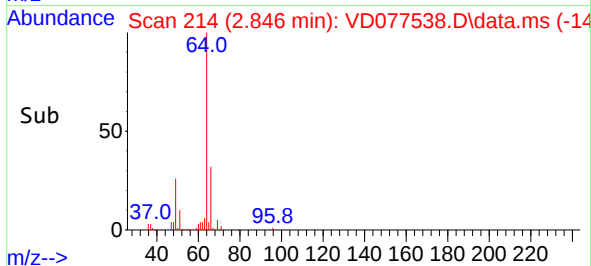
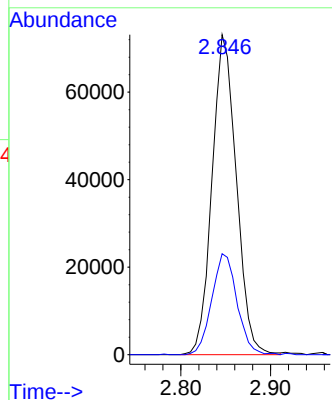
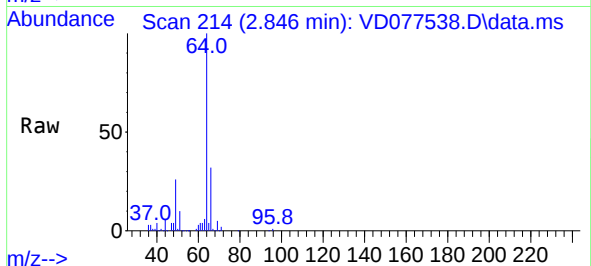




#8
Chloroethane
Concen: 22.172 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

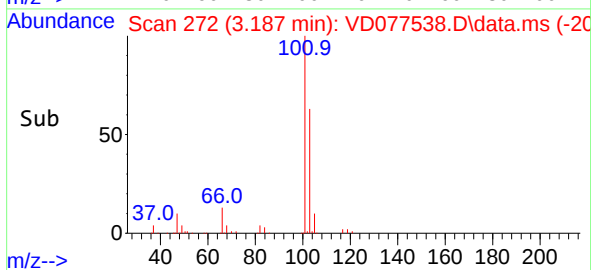
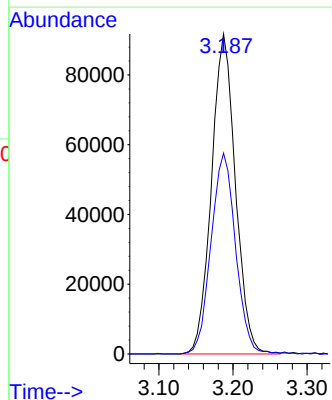
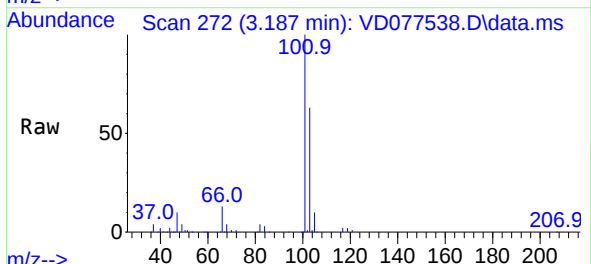
Instrument :
MSVOA_D
ClientSampleId :

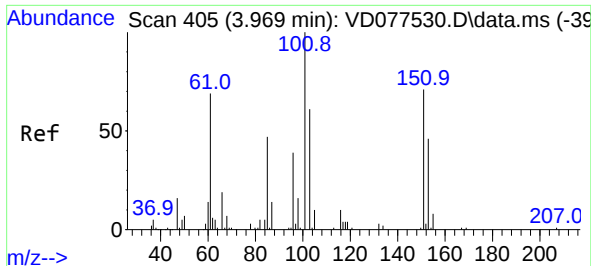
Tgt Ion: 64 Resp: 137614
Ion Ratio Lower Upper
64 100
66 31.5 19.8 36.8



#9
Trichlorofluoromethane
Concen: 22.656 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.012 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:101 Resp: 205847
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

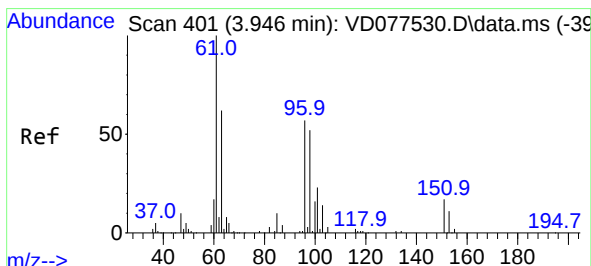
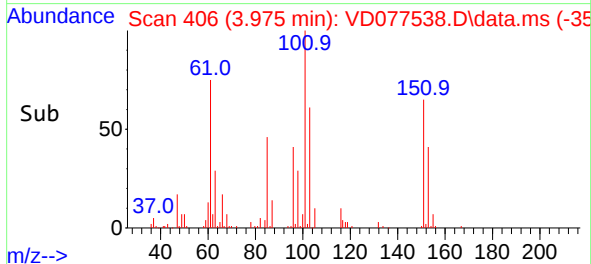
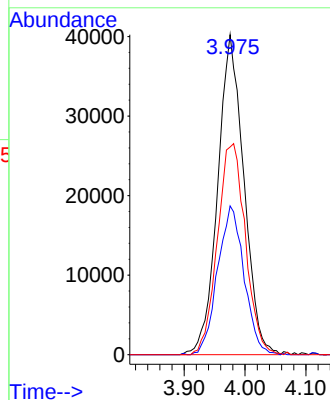
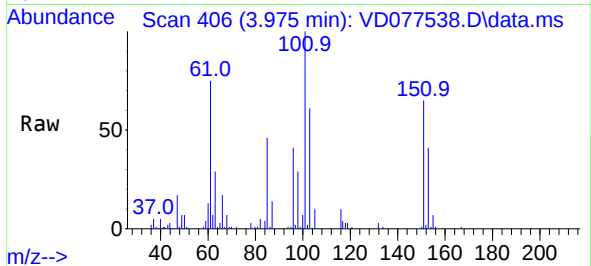




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.434 ug/L
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

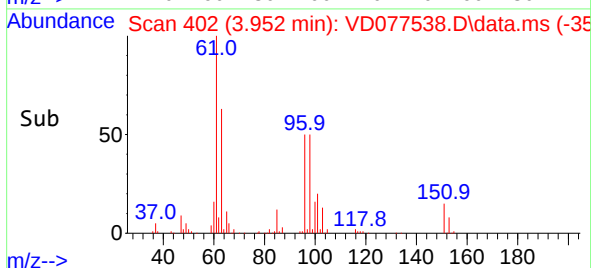
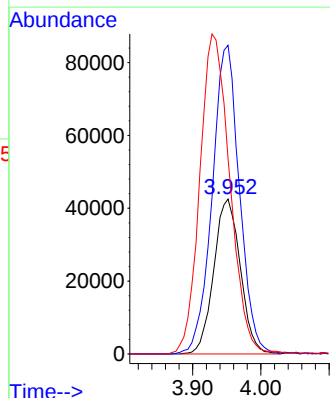
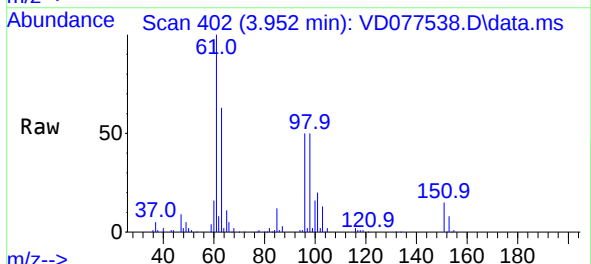
Instrument :
MSVOA_D
ClientSampleId :

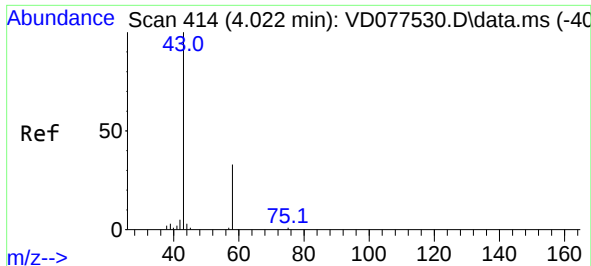
Tgt Ion:101 Resp: 119845
Ion Ratio Lower Upper
101 100
85 47.0 36.8 55.2
151 70.7 56.6 84.8



#12
1,1-Dichloroethene
Concen: 21.222 ug/L
RT: 3.952 min Scan# 402
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 96 Resp: 115214
Ion Ratio Lower Upper
96 100
61 199.3 127.5 236.9
63 126.3 86.4 160.4





#13

Acetone

Concen: 51.473 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

Instrument :

MSVOA_D

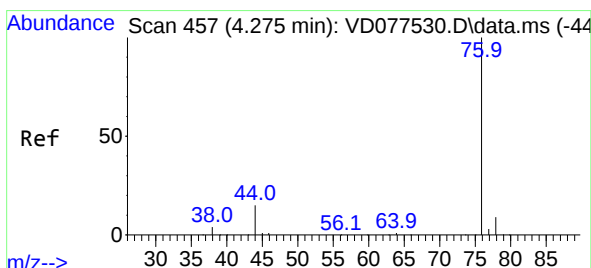
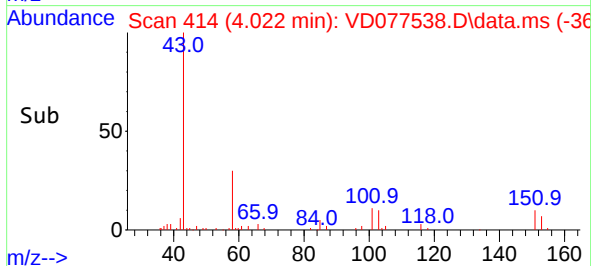
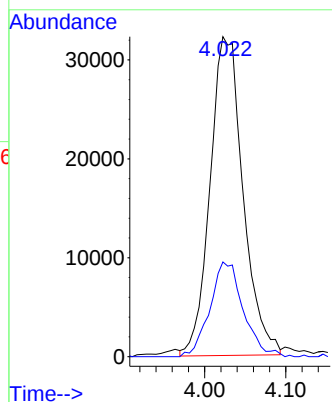
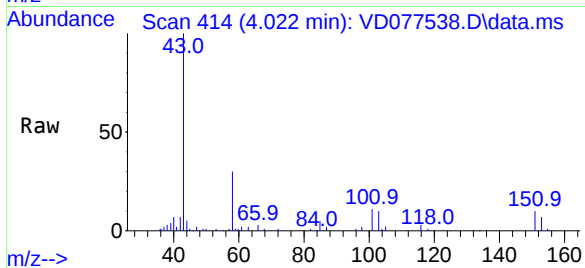
ClientSampleId :

Tgt Ion: 43 Resp: 90973

Ion Ratio Lower Upper

43 100

58 29.3 0.0 64.0



#14

Carbon disulfide

Concen: 21.352 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077538.D

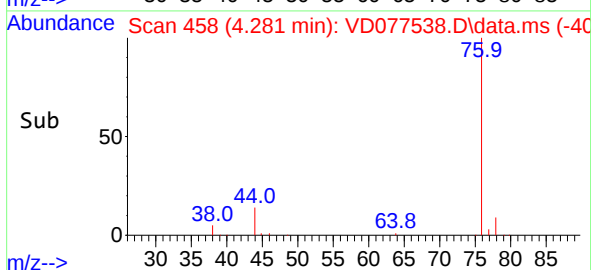
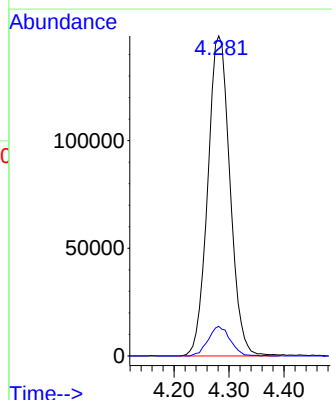
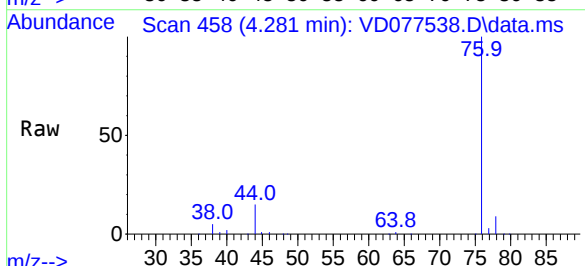
Acq: 13 Nov 2023 09:20

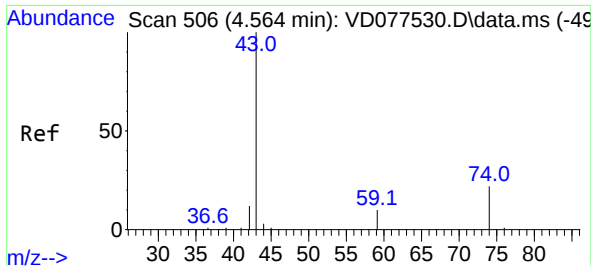
Tgt Ion: 76 Resp: 417395

Ion Ratio Lower Upper

76 100

78 9.3 6.9 10.3

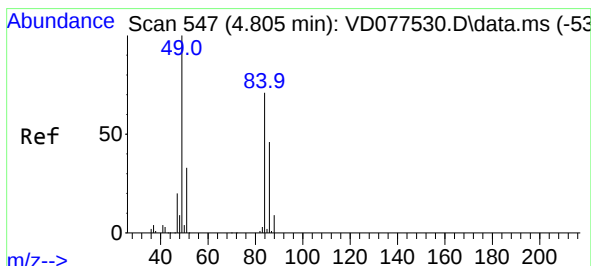
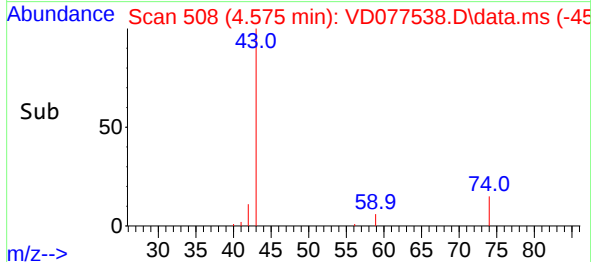
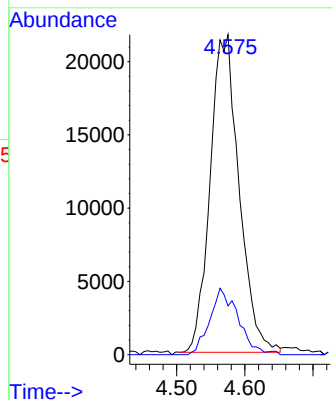
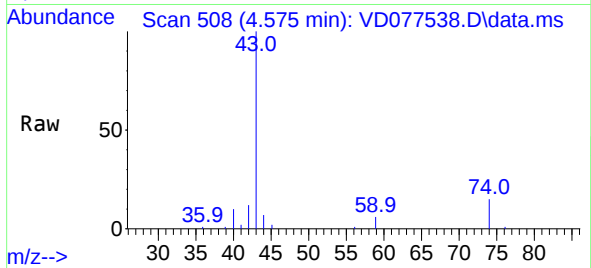




#15
Methyl Acetate
Concen: 22.032 ug/L
RT: 4.575 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

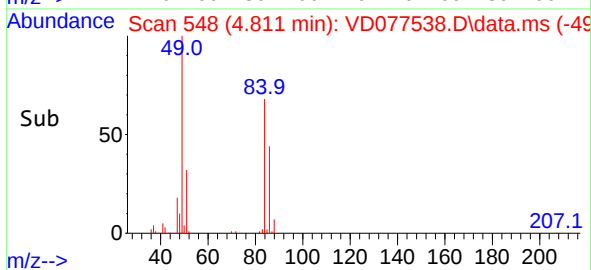
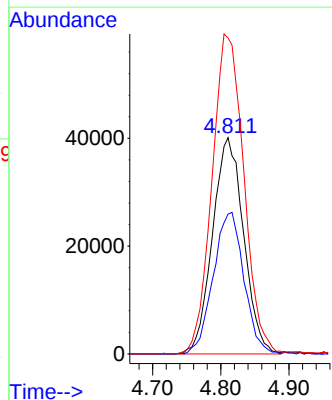
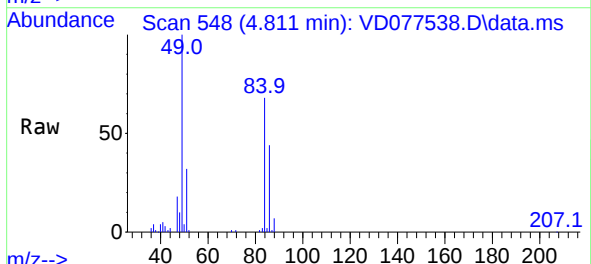
Instrument :
MSVOA_D
ClientSampleId :

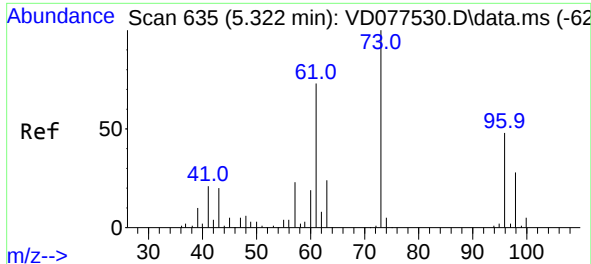
Tgt Ion: 43 Resp: 64061
Ion Ratio Lower Upper
43 100
74 12.9 16.6 24.8#



#16
Methylene chloride
Concen: 19.746 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

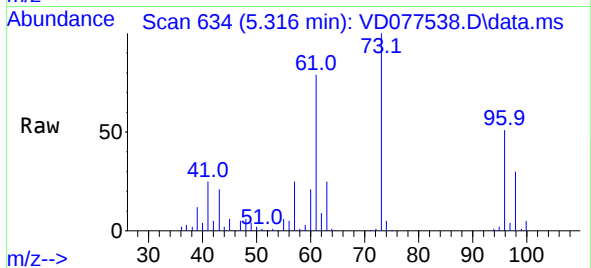
Tgt Ion: 84 Resp: 127277
Ion Ratio Lower Upper
84 100
86 64.6 46.5 86.5
49 146.0 98.3 182.7



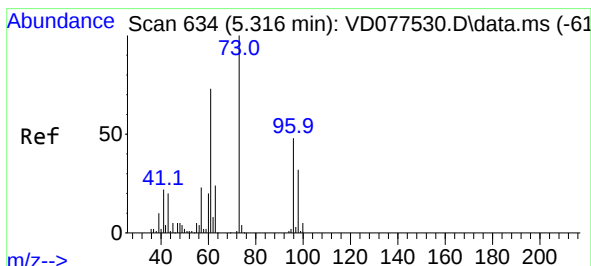
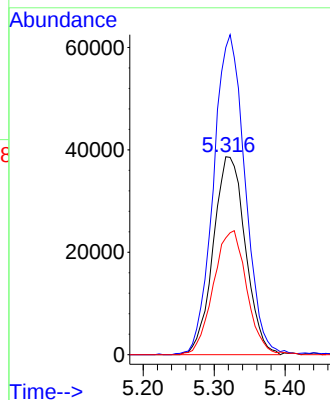
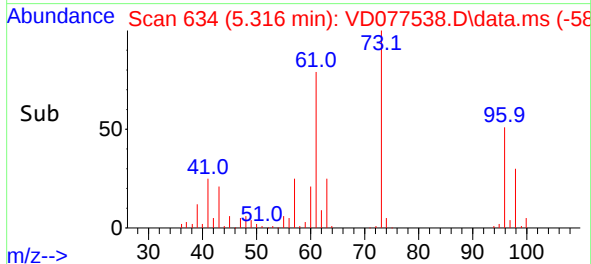


#17
trans-1,2-Dichloroethene
Concen: 21.262 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

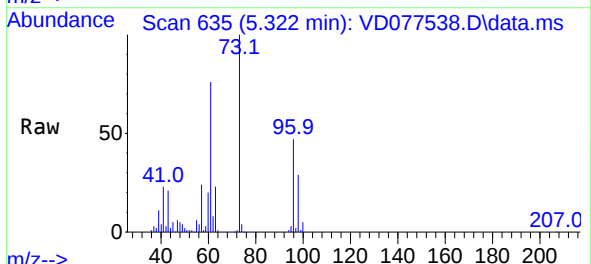
Instrument :
MSVOA_D
ClientSampleId :



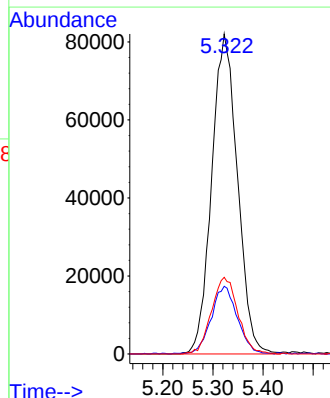
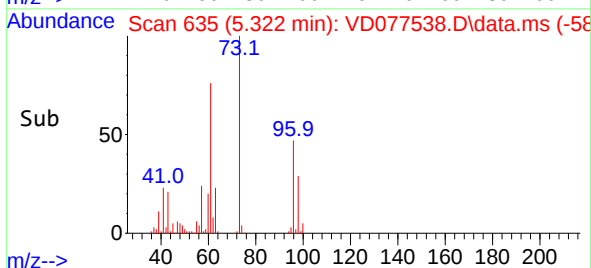
Tgt Ion: 96 Resp: 121420
Ion Ratio Lower Upper
96 100
61 155.2 104.0 193.2
98 59.0 43.1 80.1

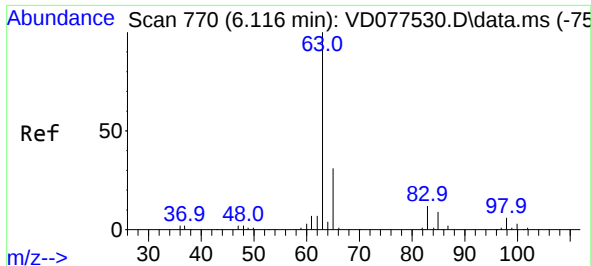


#18
Methyl tert-butyl Ether
Concen: 21.871 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20



Tgt Ion: 73 Resp: 293144
Ion Ratio Lower Upper
73 100
43 21.4 16.4 24.6
57 24.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.468 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

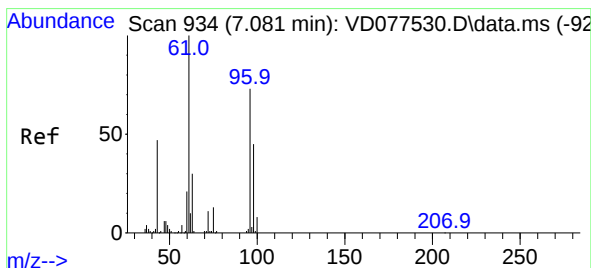
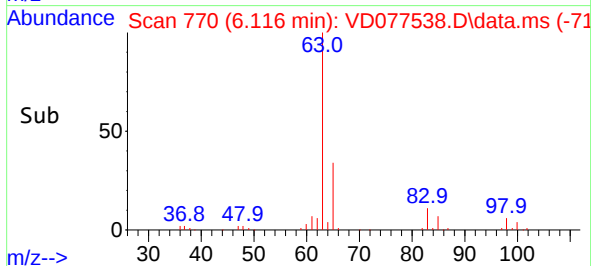
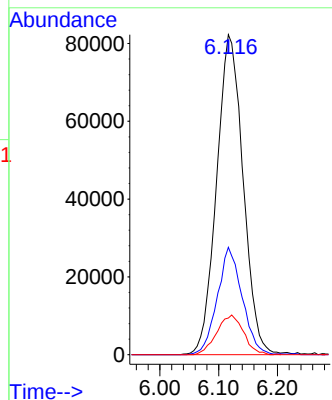
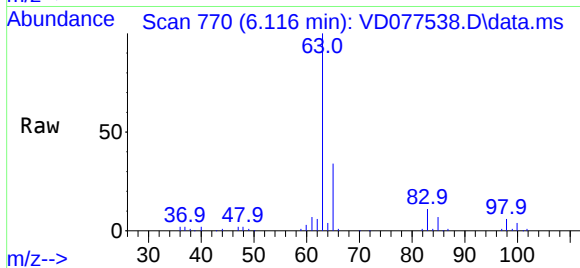
Tgt Ion: 63 Resp: 257435

Ion Ratio Lower Upper

63 100

65 33.5 22.6 42.0

83 11.5 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 21.259 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

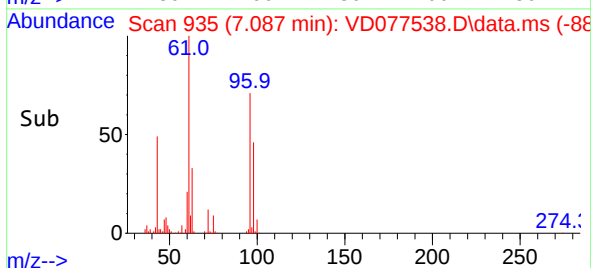
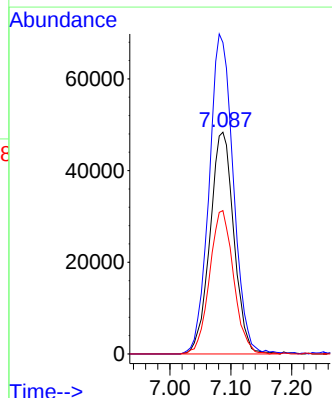
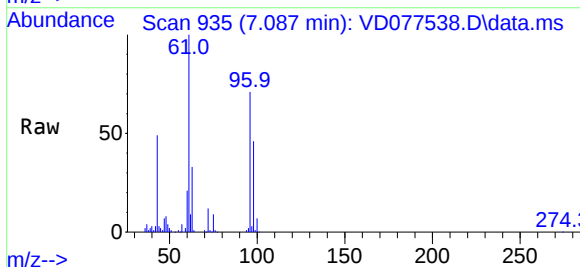
Tgt Ion: 96 Resp: 131900

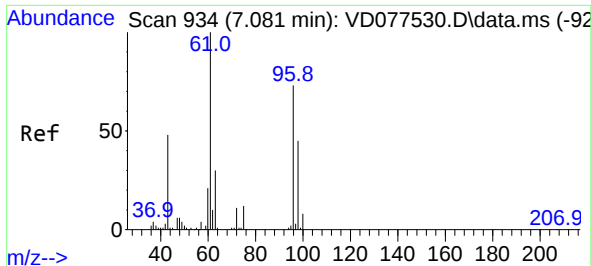
Ion Ratio Lower Upper

96 100

61 140.4 95.0 176.4

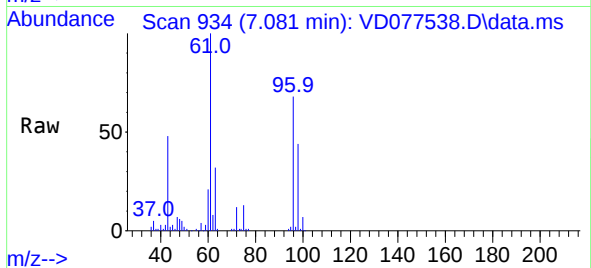
98 64.6 43.1 80.1



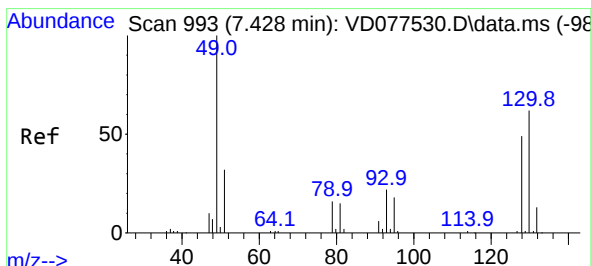
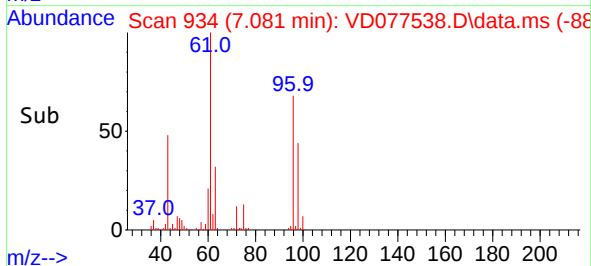
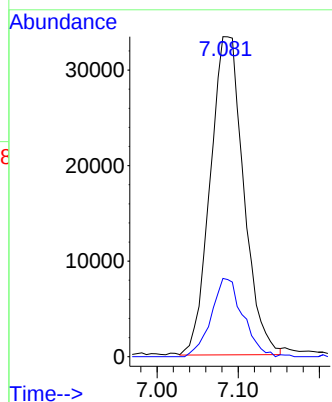


#22
2-Butanone
Concen: 44.797 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :

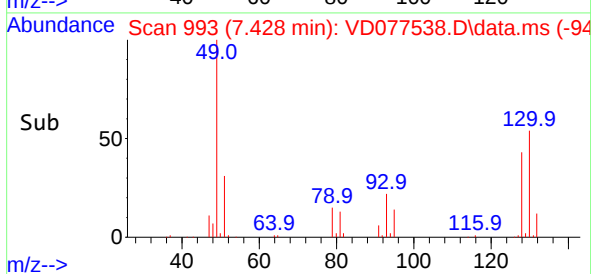
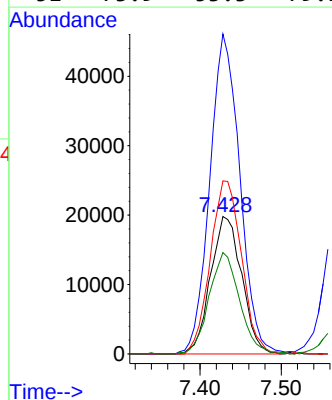
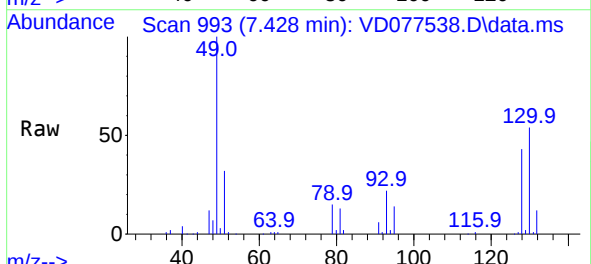


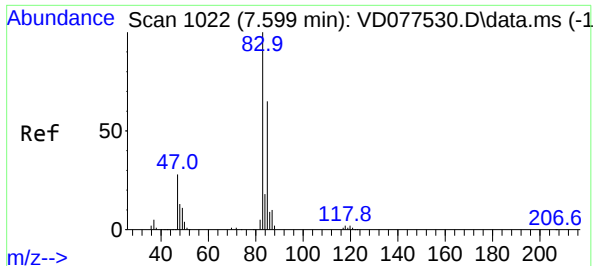
Tgt Ion: 43 Resp: 95263
Ion Ratio Lower Upper
43 100
72 23.3 12.8 38.4



#23
Bromochloromethane
Concen: 21.190 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:128 Resp: 52826
Ion Ratio Lower Upper
128 100
49 232.8 146.7 272.5
130 125.9 83.2 154.6
51 73.9 53.3 79.9





#25

Chloroform

Concen: 22.290 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

Instrument :

MSVOA_D

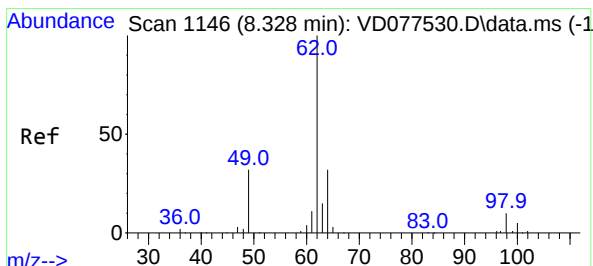
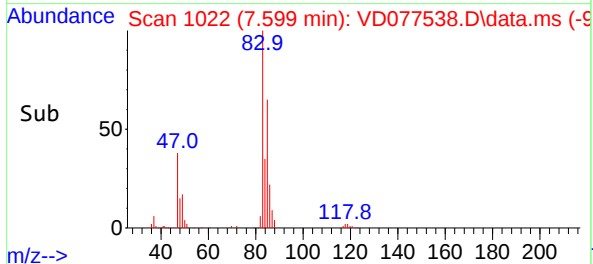
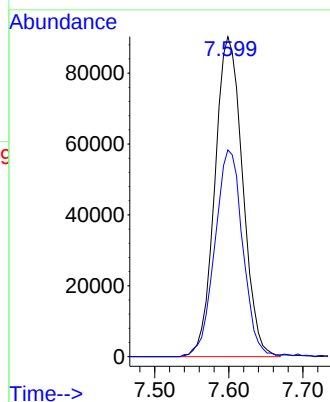
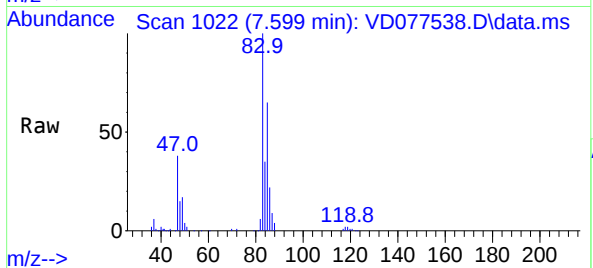
ClientSampleId :

Tgt Ion: 83 Resp: 234622

Ion Ratio Lower Upper

83 100

85 64.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 22.190 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD077538.D

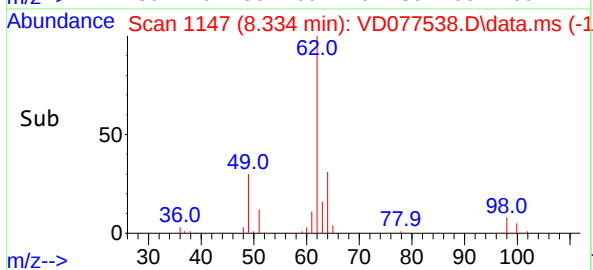
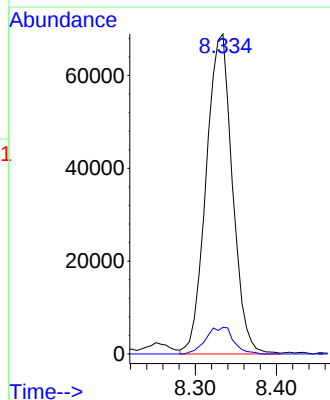
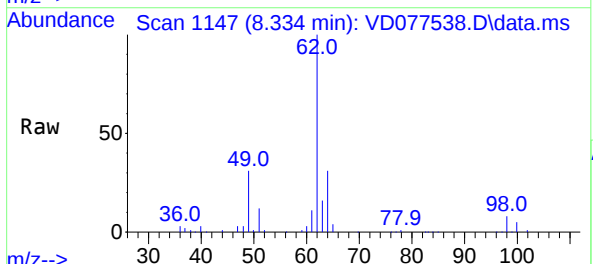
Acq: 13 Nov 2023 09:20

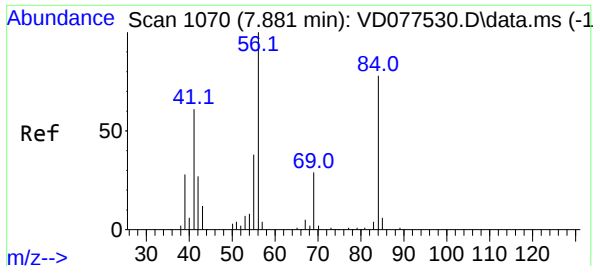
Tgt Ion: 62 Resp: 154836

Ion Ratio Lower Upper

62 100

98 8.3 8.0 12.0





#29

Cyclohexane

Concen: 22.396 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

Instrument :

MSVOA_D

ClientSampleId :

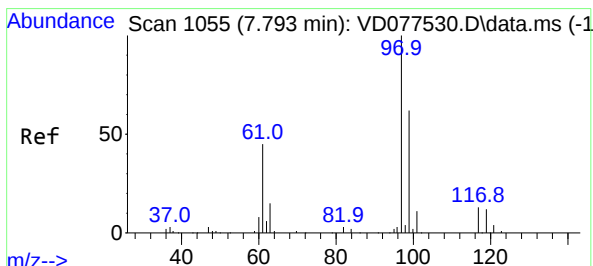
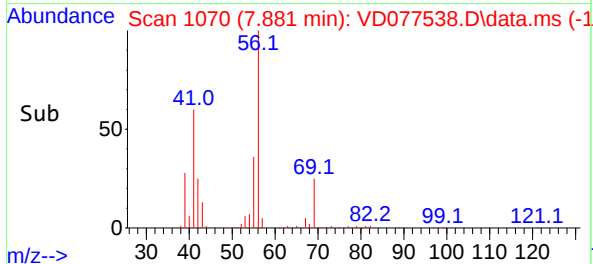
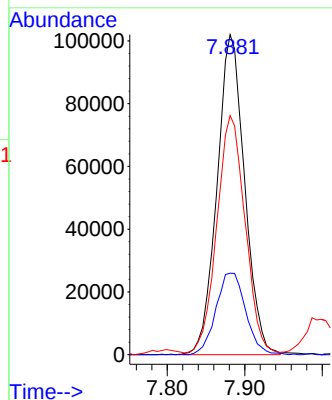
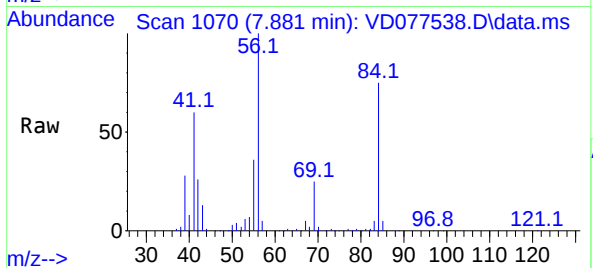
Tgt Ion: 56 Resp: 252519

Ion Ratio Lower Upper

56 100

69 27.5 22.6 33.8

84 75.3 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 22.075 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077538.D

Acq: 13 Nov 2023 09:20

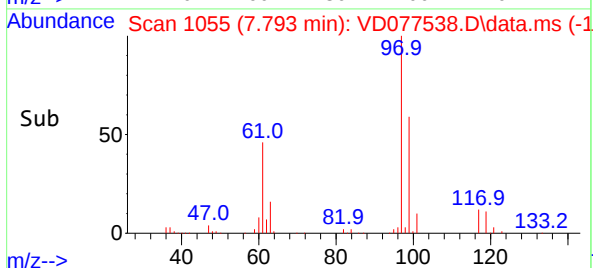
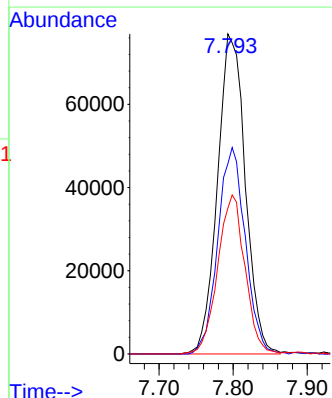
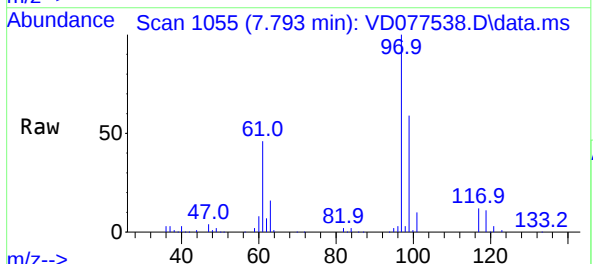
Tgt Ion: 97 Resp: 200685

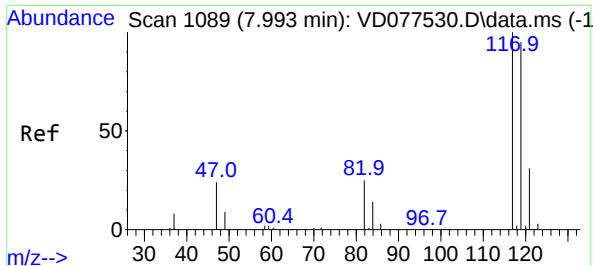
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 48.7 38.1 57.1

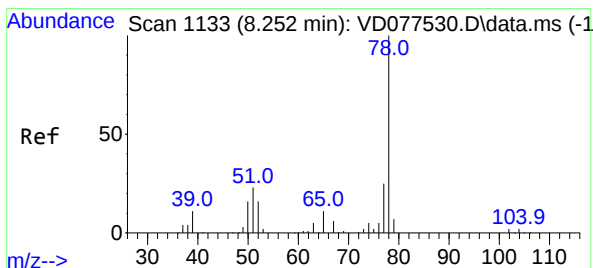
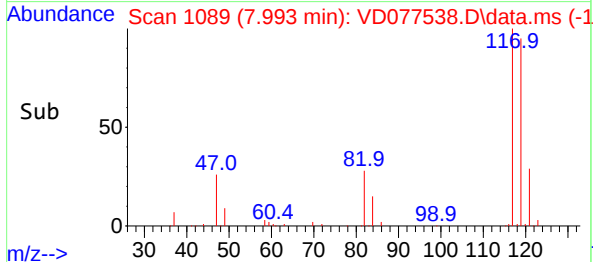
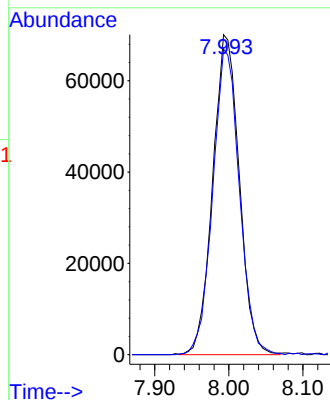
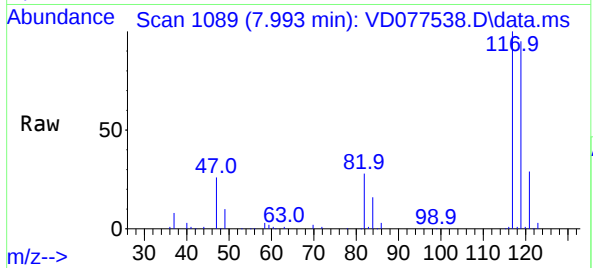




#31
Carbon tetrachloride
Concen: 22.290 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

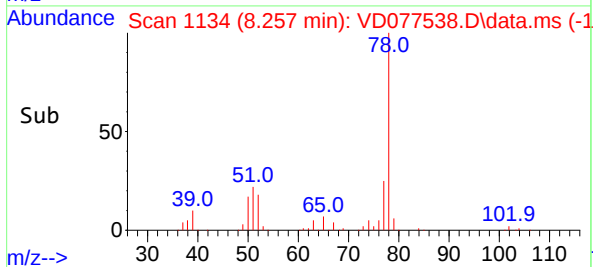
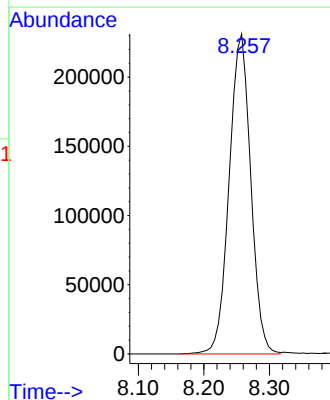
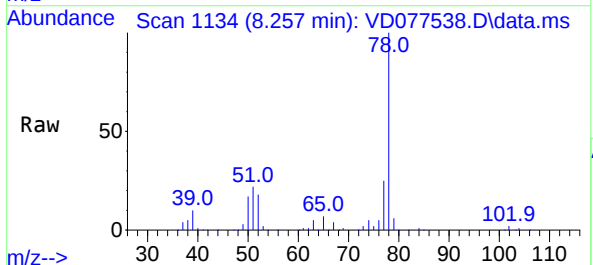
Instrument :
MSVOA_D
ClientSampleId :

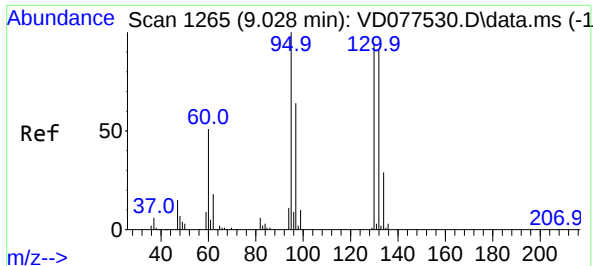
Tgt Ion:117 Resp: 174146
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0



#33
Benzene
Concen: 21.974 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

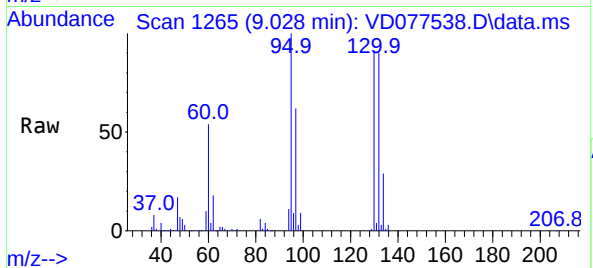
Tgt Ion: 78 Resp: 529163



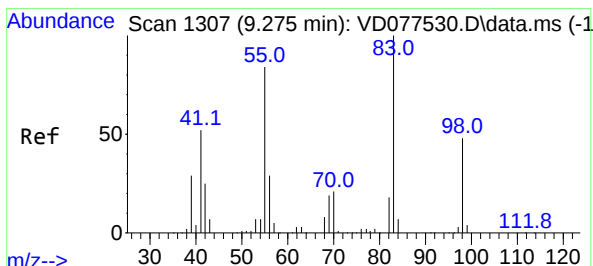
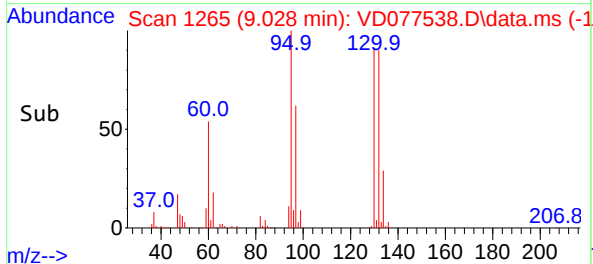
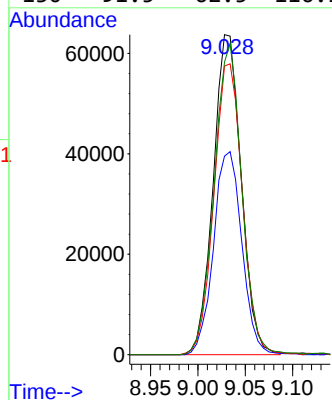


#34
Trichloroethene
Concen: 21.973 ug/L
RT: 9.028 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :

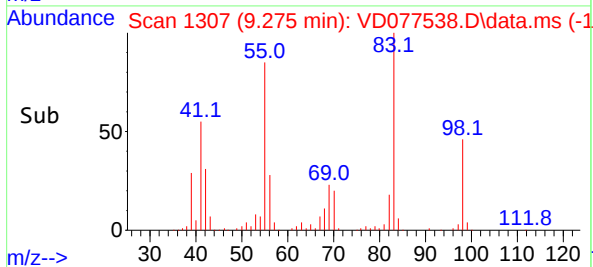
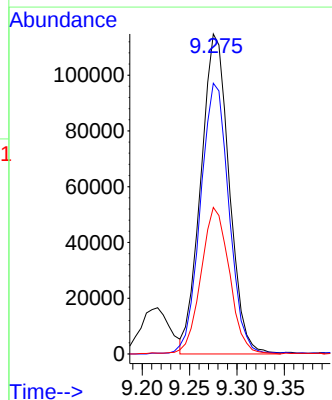
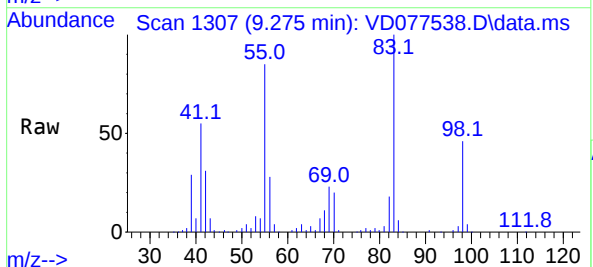


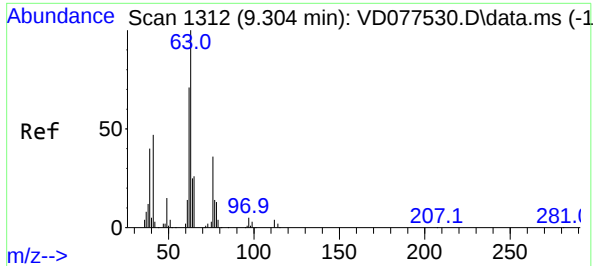
Tgt Ion: 95 Resp: 131114
Ion Ratio Lower Upper
95 100
97 62.1 42.4 78.6
132 90.2 59.4 110.2
130 91.5 62.5 116.1



#35
Methylcyclohexane
Concen: 22.157 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 83 Resp: 238592
Ion Ratio Lower Upper
83 100
55 85.0 66.5 99.7
98 45.8 37.4 56.2

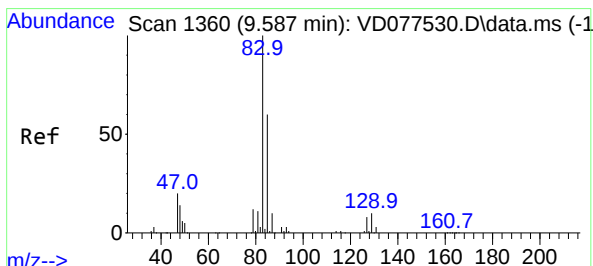
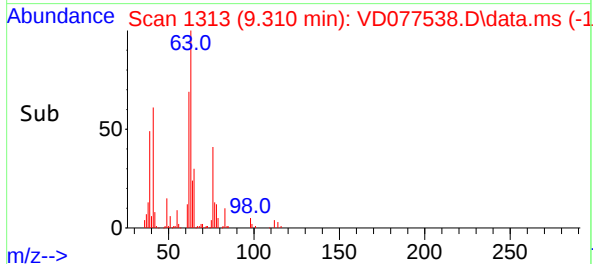
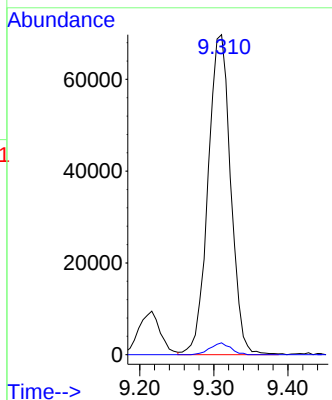
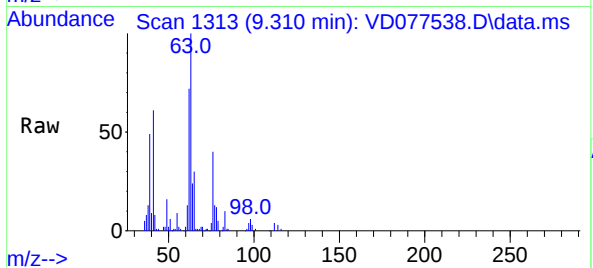




#37
1,2-Dichloropropane
Concen: 22.095 ug/L
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

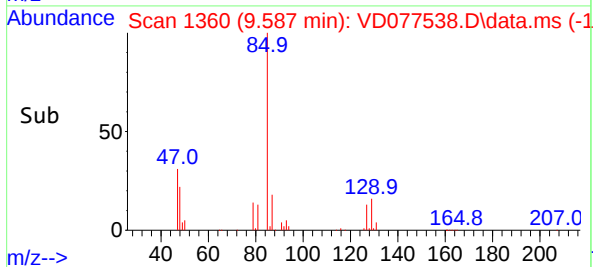
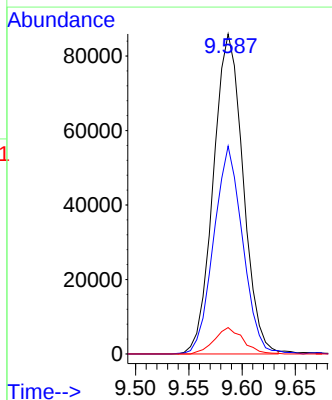
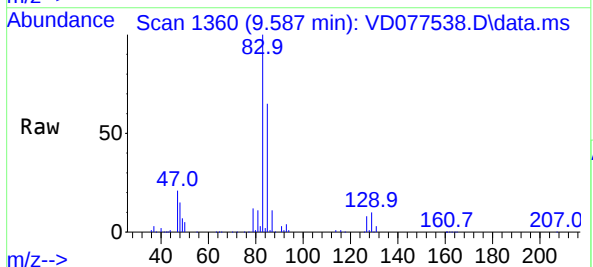
Instrument :
MSVOA_D
ClientSampleId :

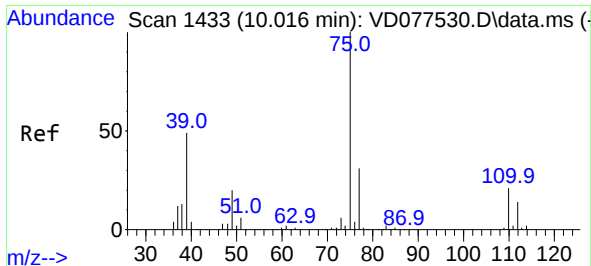
Tgt Ion: 63 Resp: 147915
Ion Ratio Lower Upper
63 100
112 3.3 3.2 4.8



#38
Bromodichloromethane
Concen: 21.707 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 83 Resp: 166686
Ion Ratio Lower Upper
83 100
85 65.0 42.4 78.8
127 8.2 6.4 9.6

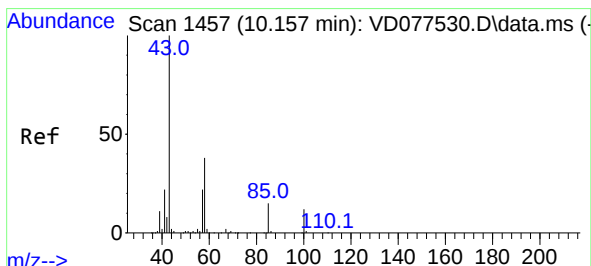
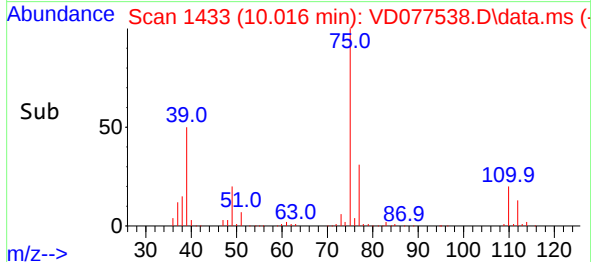
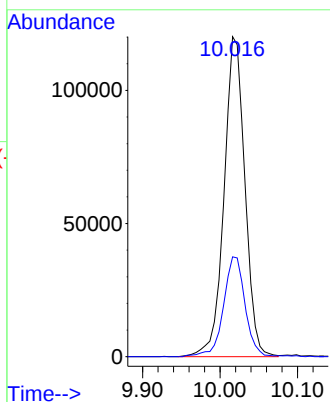
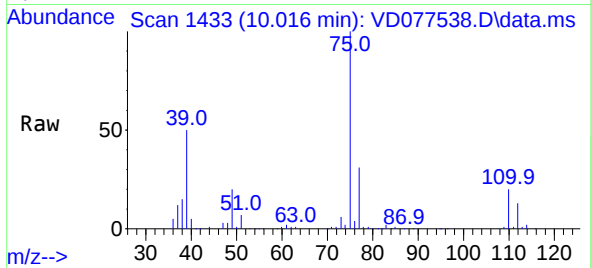




#39
cis-1,3-Dichloropropene
Concen: 21.875 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

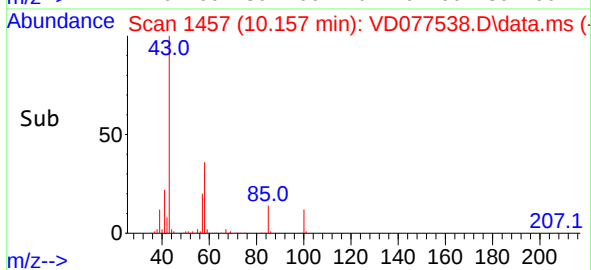
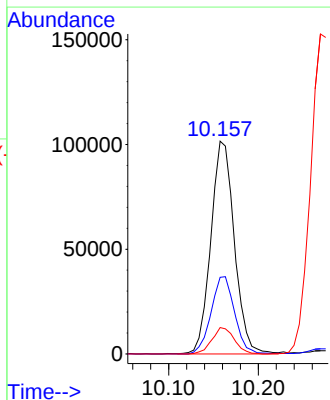
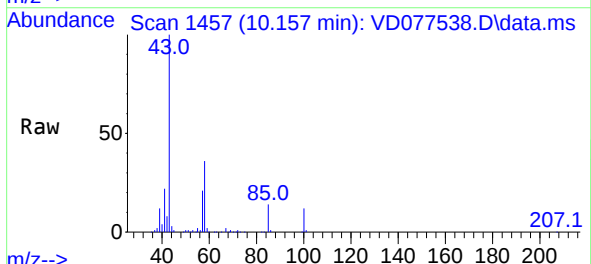
Instrument :
MSVOA_D
ClientSampleId :

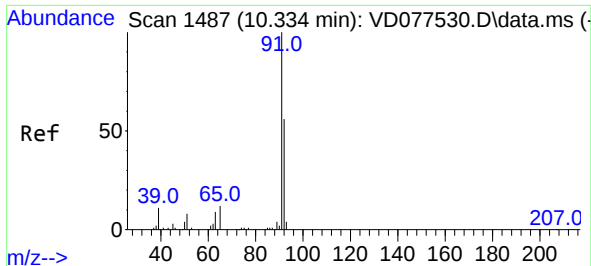
Tgt Ion: 75 Resp: 225035
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 45.391 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 43 Resp: 185180
Ion Ratio Lower Upper
43 100
58 36.4 29.8 44.8
100 11.8 9.5 14.3

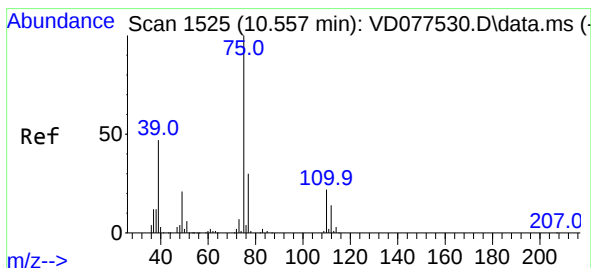
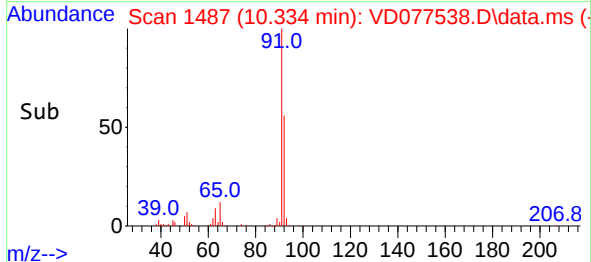
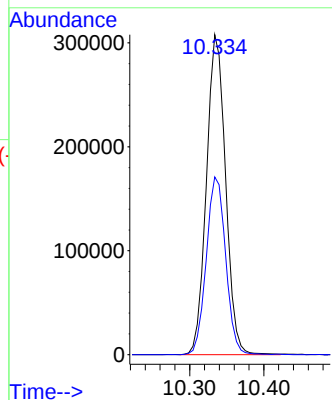
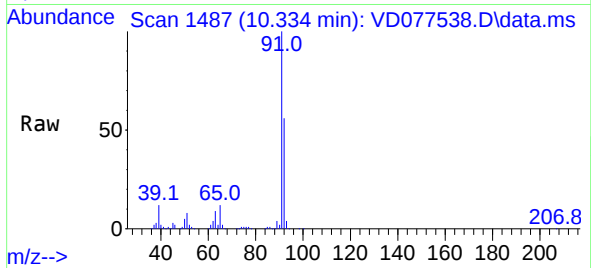




#42
Toluene
Concen: 21.853 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

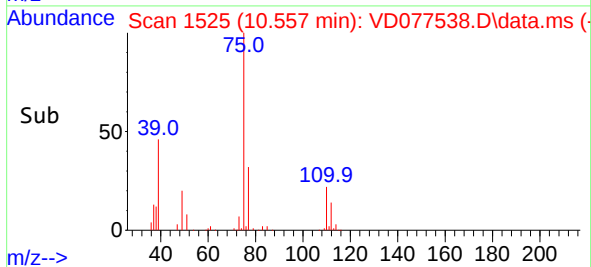
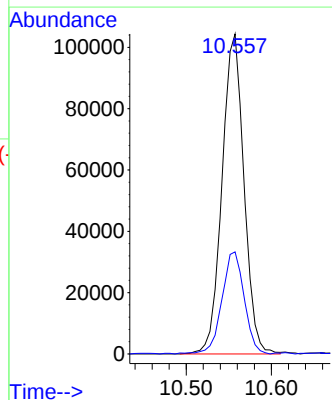
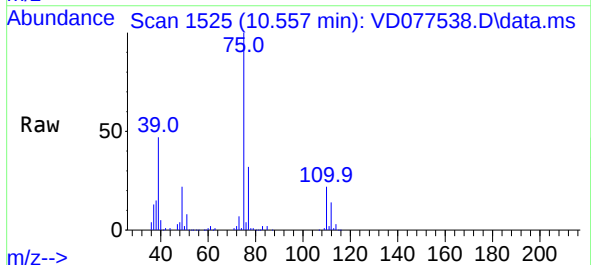
Instrument :
MSVOA_D
ClientSampleId :

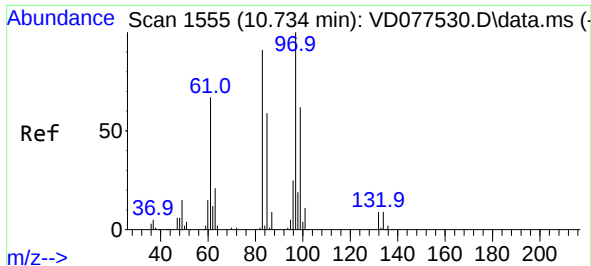
Tgt Ion: 91 Resp: 552513
Ion Ratio Lower Upper
91 100
92 55.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 21.946 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

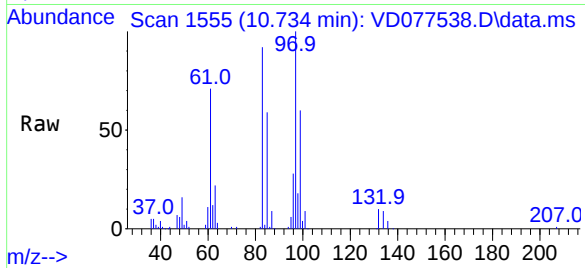
Tgt Ion: 75 Resp: 186551
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5



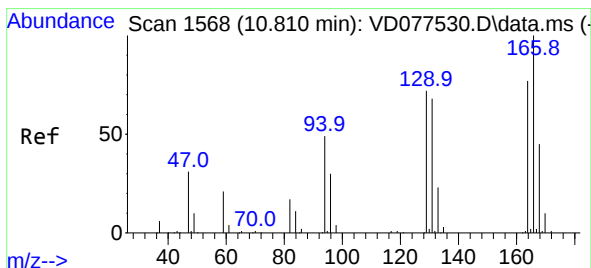
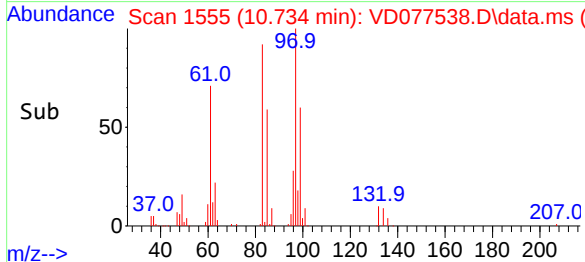
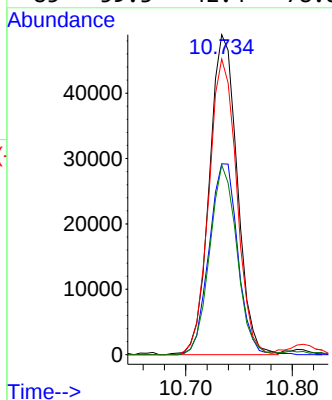


#45
1,1,2-Trichloroethane
Concen: 21.668 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :

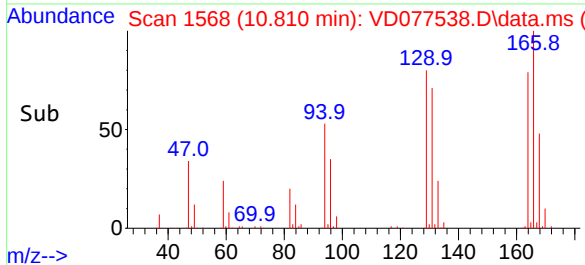
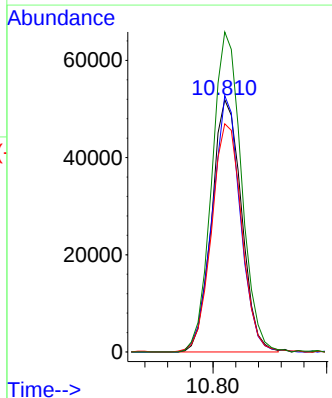
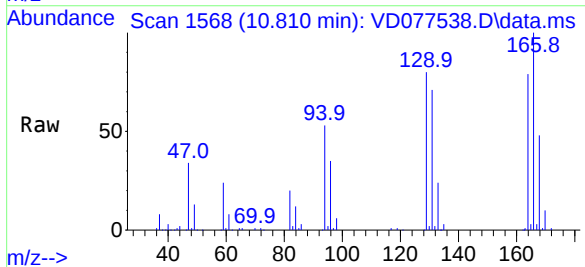


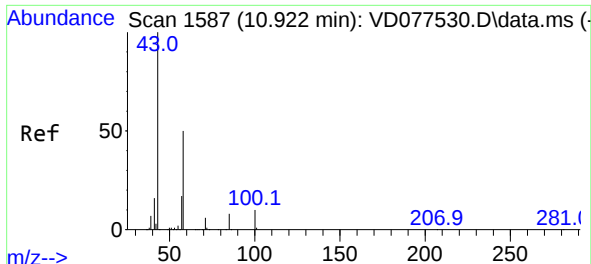
Tgt Ion:	97	Resp:	88670
Ion	Ratio	Lower	Upper
97	100		
99	59.7	43.5	80.7
83	92.4	63.1	117.3
85	59.3	42.4	78.8



#46
Tetrachloroethene
Concen: 21.468 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

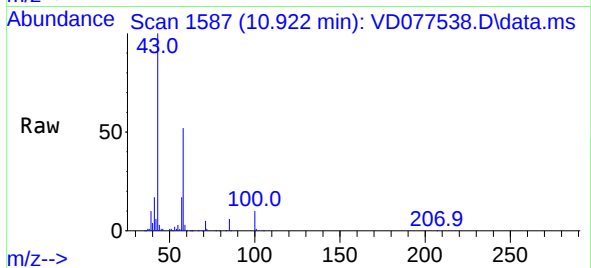
Tgt Ion:	164	Resp:	94257
Ion	Ratio	Lower	Upper
164	100		
129	101.6	60.6	112.6
131	90.4	61.6	114.4
166	126.9	85.4	158.6





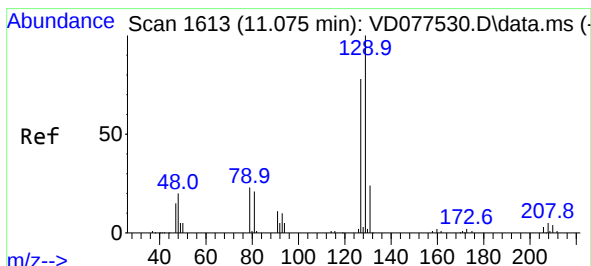
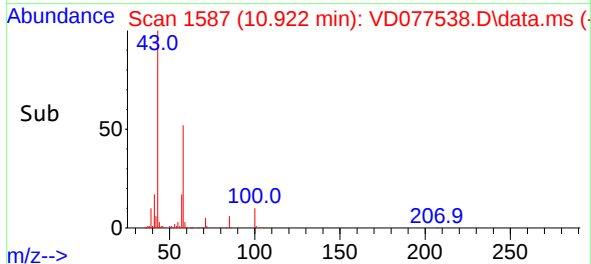
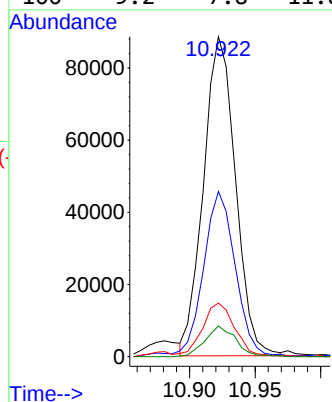
#48
2-Hexanone
Concen: 46.501 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 150371

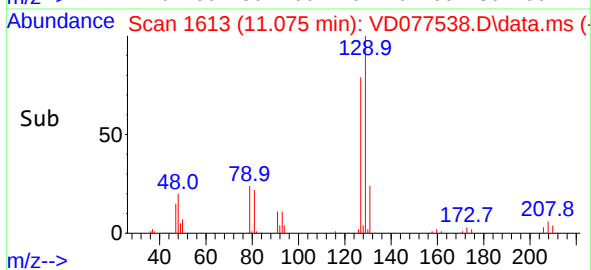
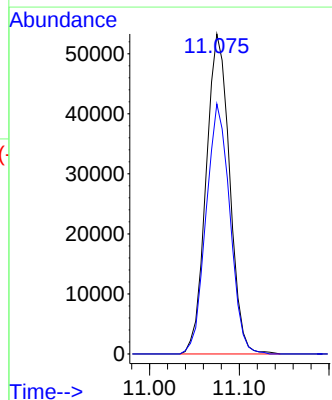
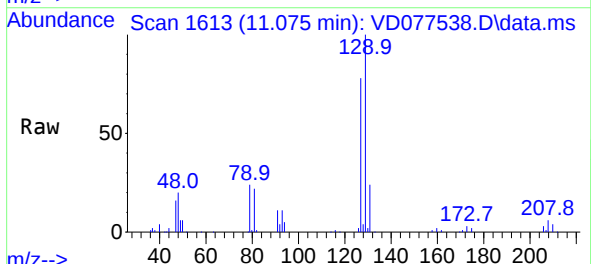
Ion	Ratio	Lower	Upper
43	100		
58	51.0	40.8	61.2
57	17.2	13.7	20.5
100	9.2	7.8	11.8

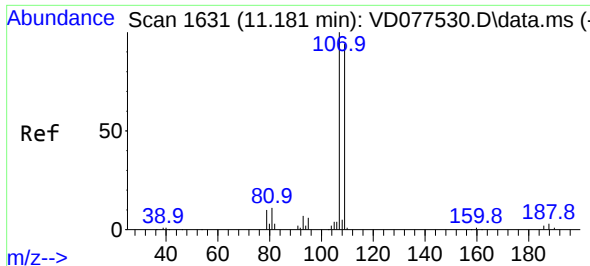


#49
Dibromochloromethane
Concen: 20.869 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 129 Resp: 97008

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.9	102.1

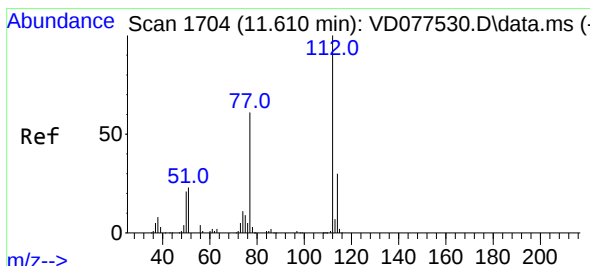
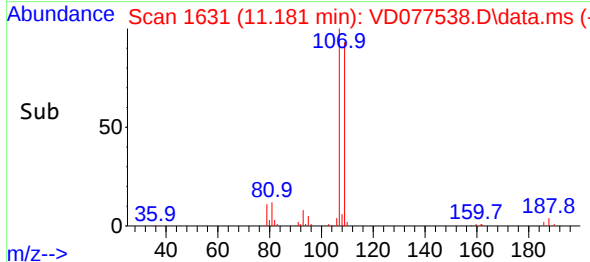
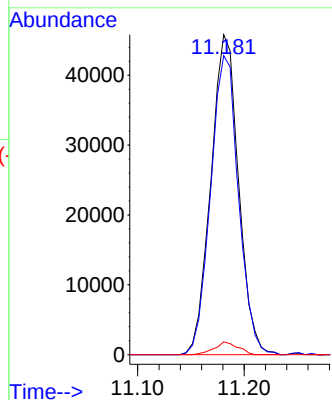
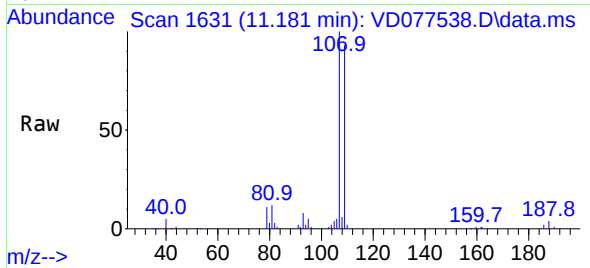




#50
1,2-Dibromoethane
Concen: 21.102 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

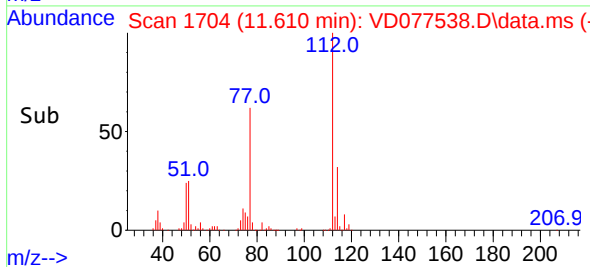
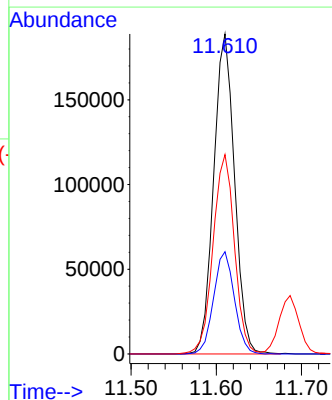
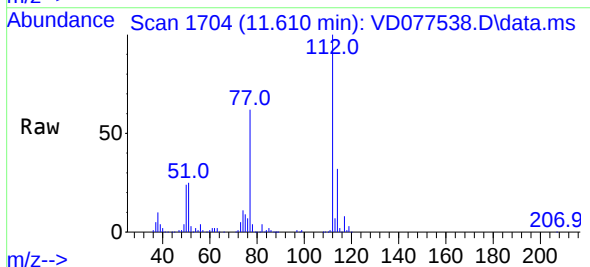
Instrument :
MSVOA_D
ClientSampleId :

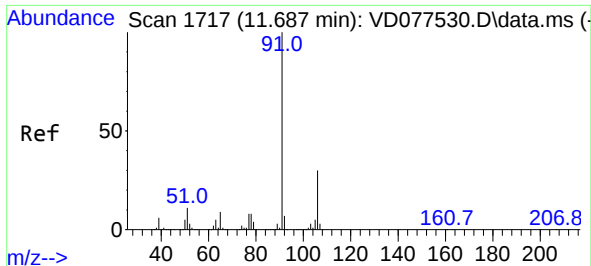
Tgt Ion:107 Resp: 82579
Ion Ratio Lower Upper
107 100
109 93.4 64.8 120.3
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 21.703 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:112 Resp: 321470
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 62.3 49.6 74.4

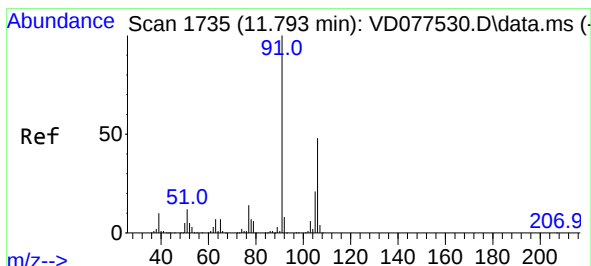
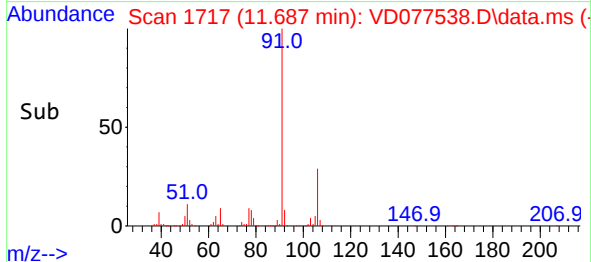
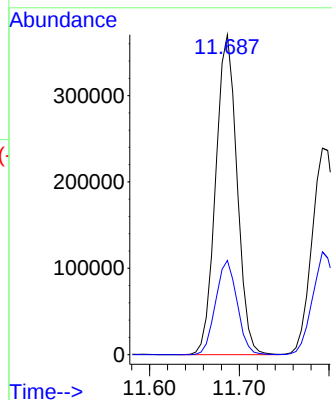
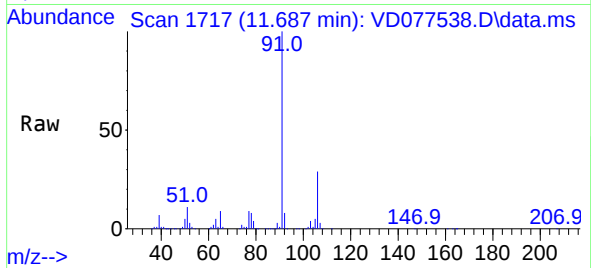




#52
Ethylbenzene
Concen: 22.018 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

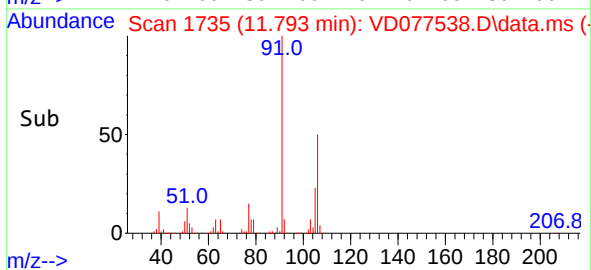
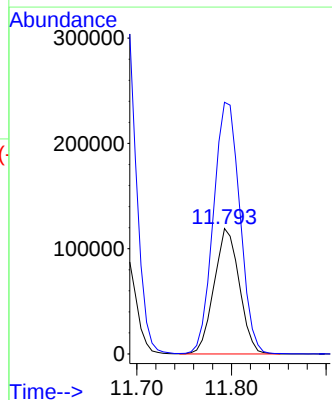
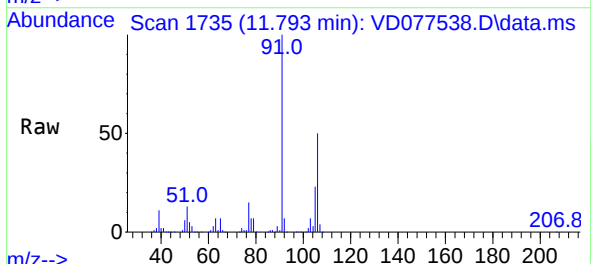
Instrument :
MSVOA_D
ClientSampleId :

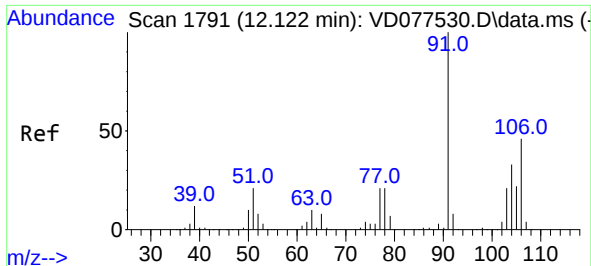
Tgt Ion: 91 Resp: 612528
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 21.795 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:106 Resp: 220640
Ion Ratio Lower Upper
106 100
91 200.8 146.7 272.4

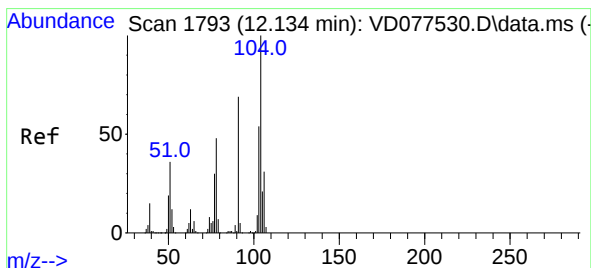
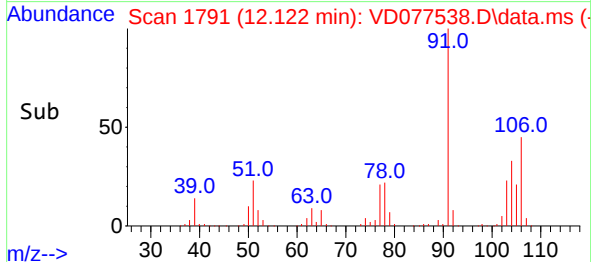
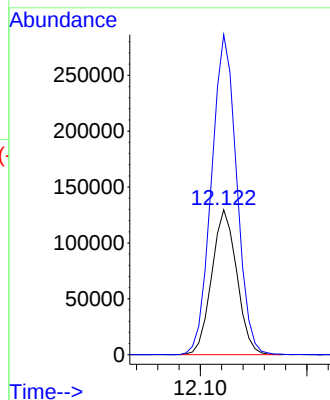
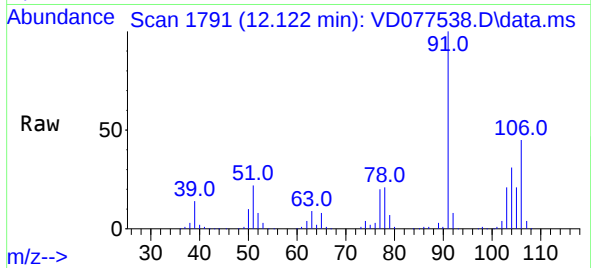




#54
o-Xylene
Concen: 21.839 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

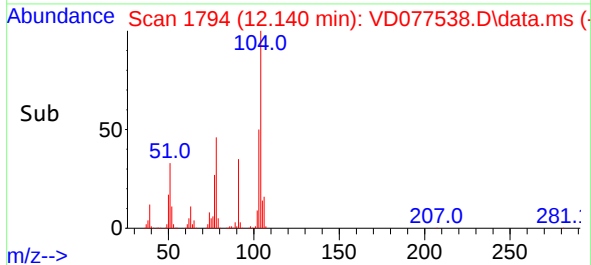
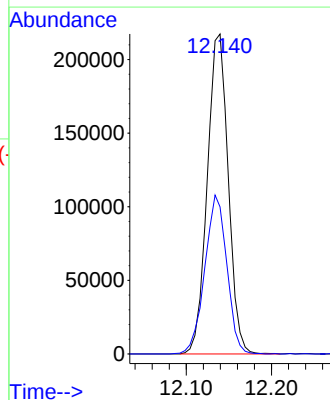
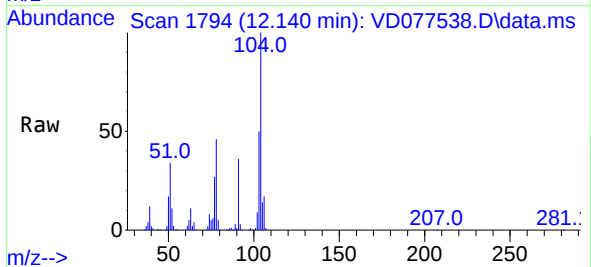
Instrument :
MSVOA_D
ClientSampleId :

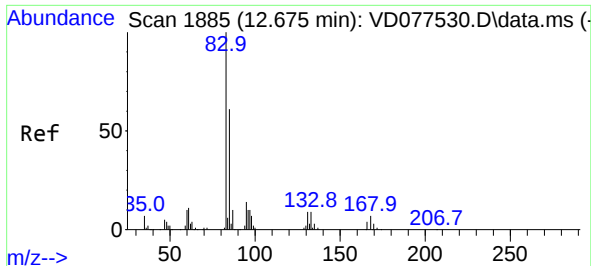
Tgt Ion:106 Resp: 211745
Ion Ratio Lower Upper
106 100
91 220.8 158.5 294.4



#55
Styrene
Concen: 21.939 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:104 Resp: 371411
Ion Ratio Lower Upper
104 100
78 46.0 34.9 64.9

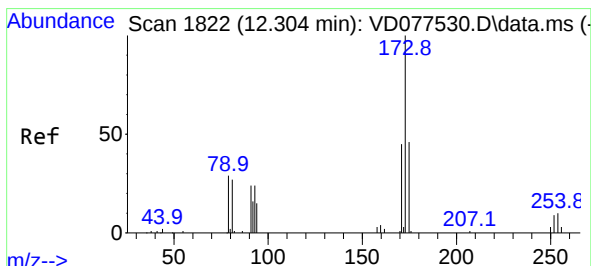
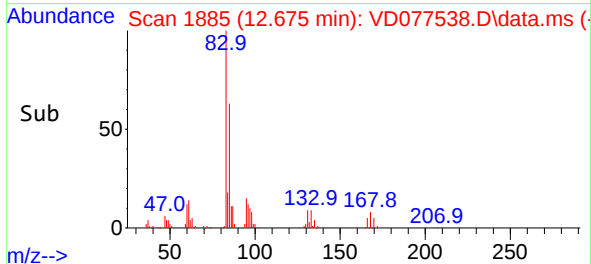
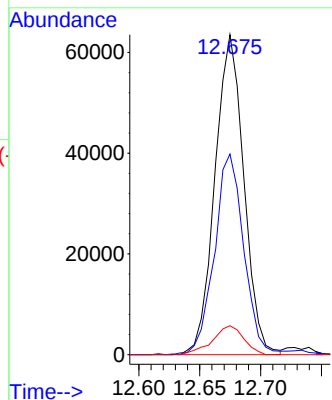
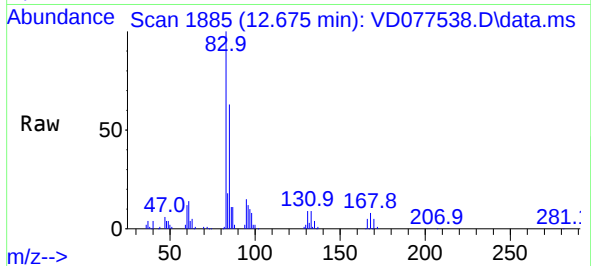




#57
1,1,2,2-Tetrachloroethane
Concen: 21.769 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

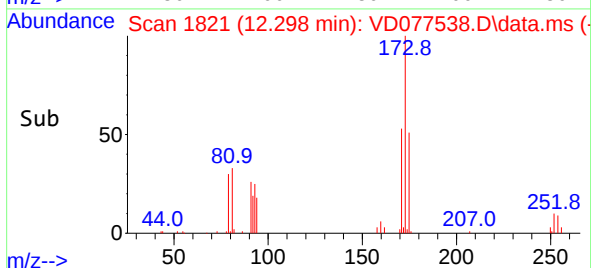
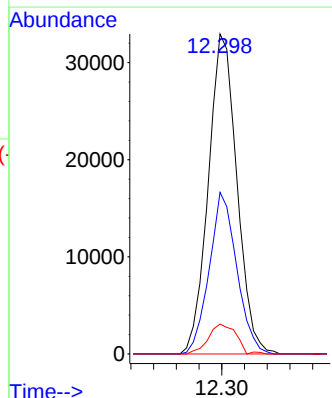
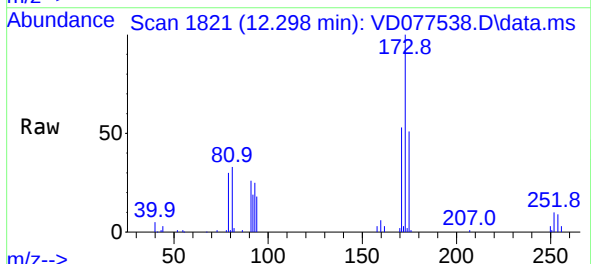
Instrument :
MSVOA_D
ClientSampleId :

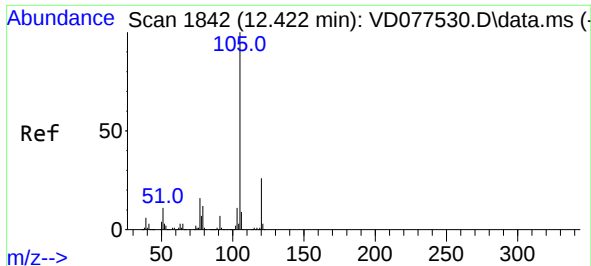
Tgt Ion: 83 Resp: 104945
Ion Ratio Lower Upper
83 100
85 62.7 44.9 83.3
131 9.1 7.2 10.8



#59
Bromoform
Concen: 20.529 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

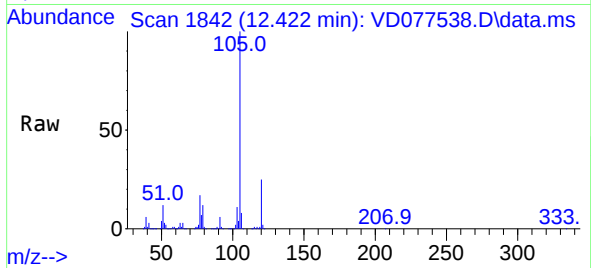
Tgt Ion:173 Resp: 57537
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.2
254 8.9 7.1 10.7



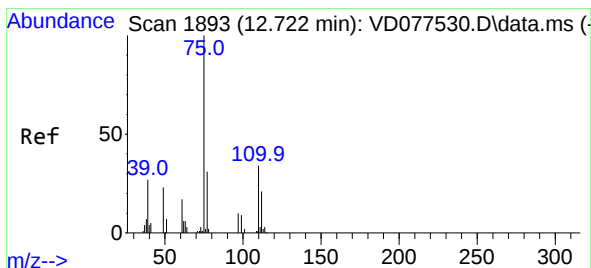
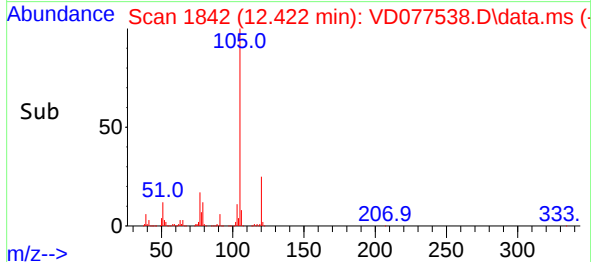
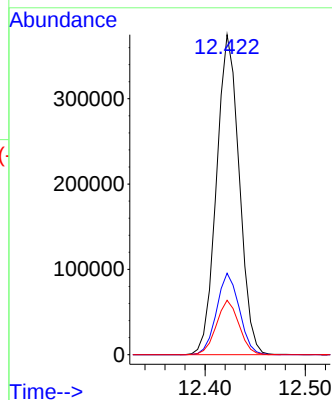


#60
Isopropylbenzene
Concen: 22.236 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :

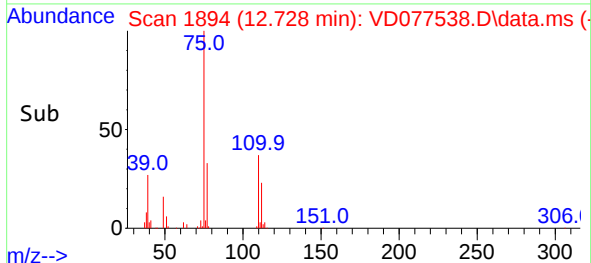
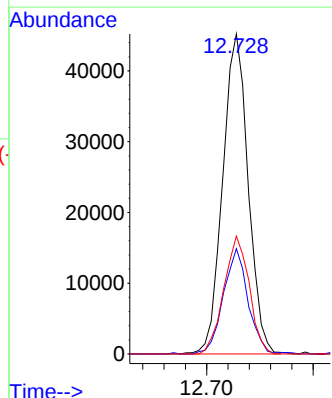
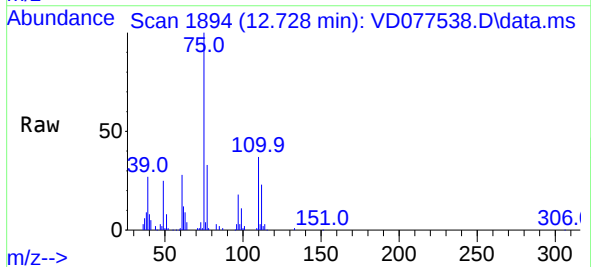


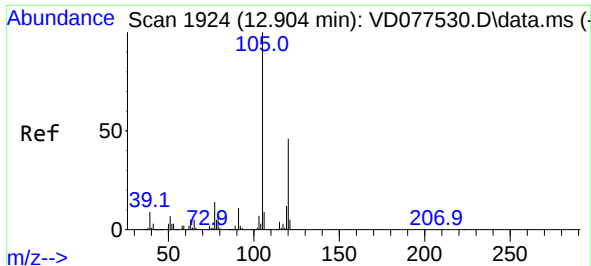
Tgt Ion:105 Resp: 591263
Ion Ratio Lower Upper
105 100
120 25.4 21.0 31.4
77 16.9 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 21.409 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion: 75 Resp: 74966
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 36.7 29.6 44.4

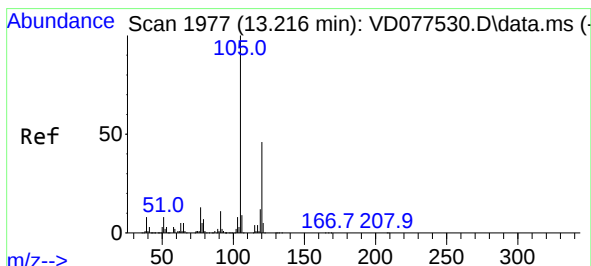
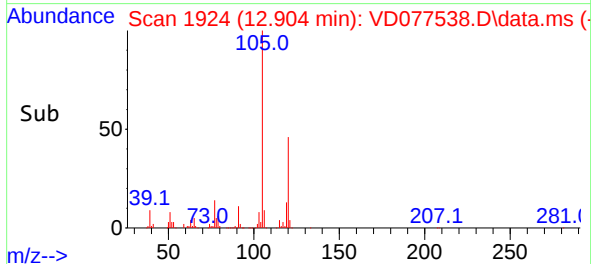
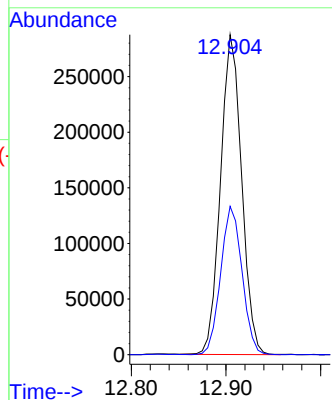
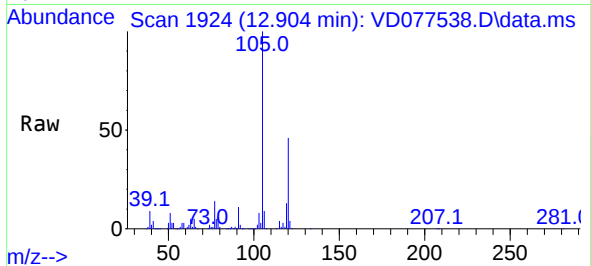




#62
1,3,5-Trimethylbenzene
Concen: 22.091 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

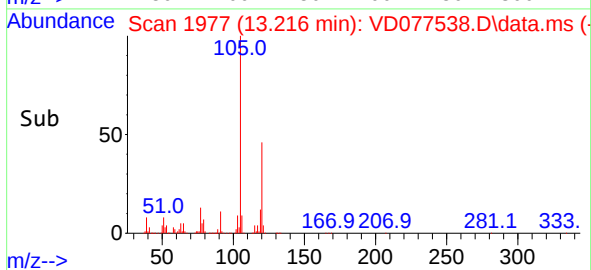
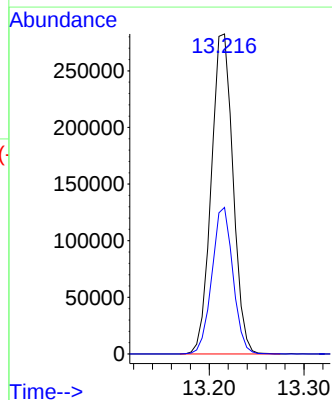
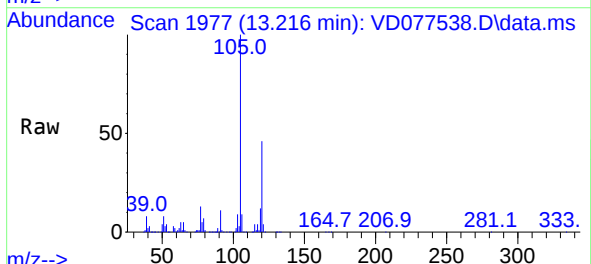
Instrument :
MSVOA_D
ClientSampleId :

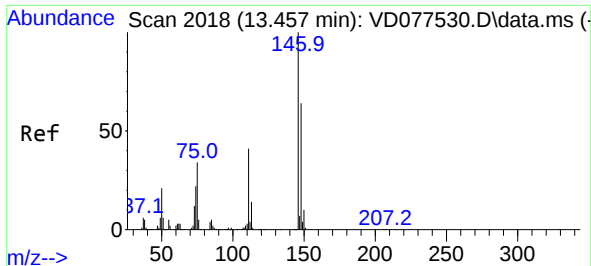
Tgt Ion:105 Resp: 445805
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 22.014 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:105 Resp: 450009
Ion Ratio Lower Upper
105 100
120 44.3 35.6 53.4

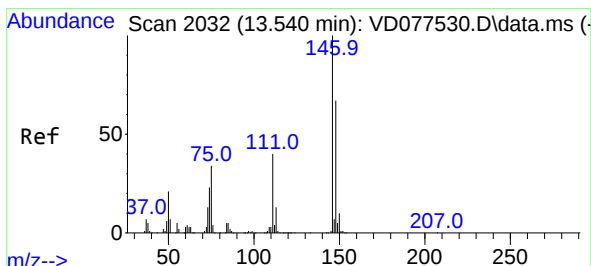
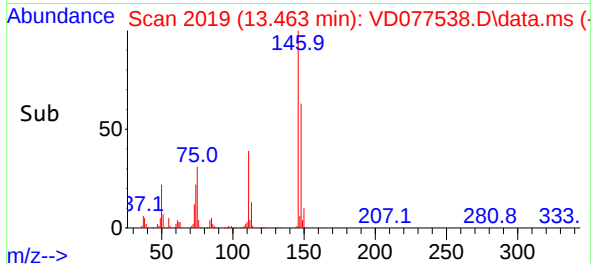
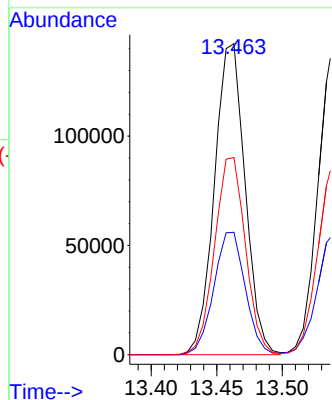
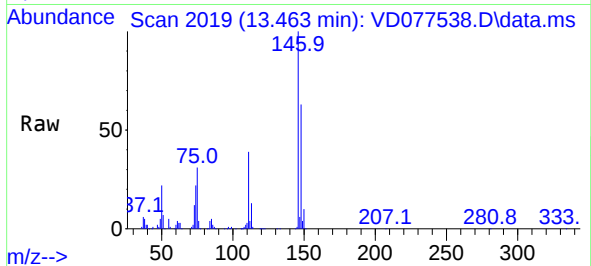




#64
1,3-Dichlorobenzene
Concen: 21.228 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

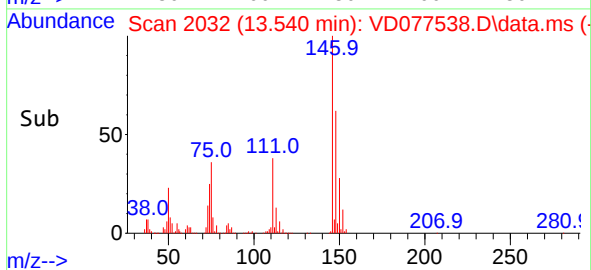
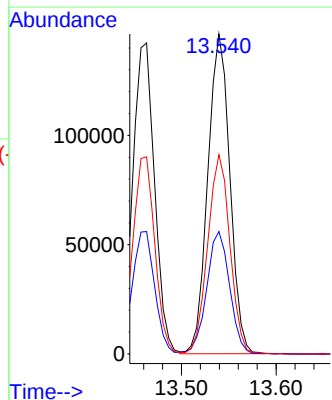
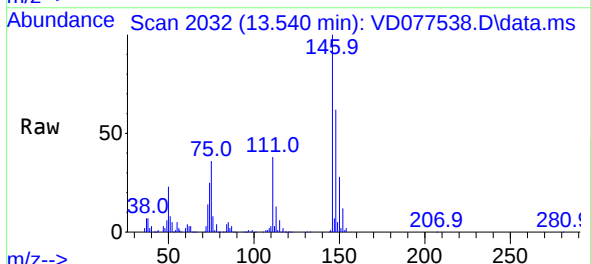
Instrument :
MSVOA_D
ClientSampleId :

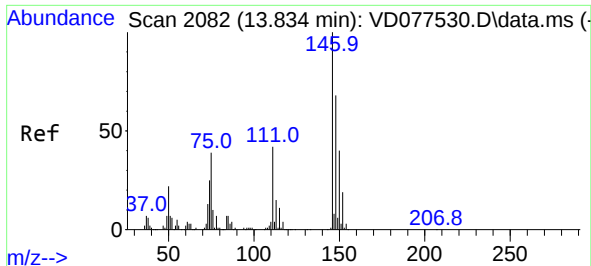
Tgt Ion:146 Resp: 231570
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 63.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 21.504 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:146 Resp: 236742
Ion Ratio Lower Upper
146 100
111 38.3 25.6 47.4
148 62.2 44.1 81.9

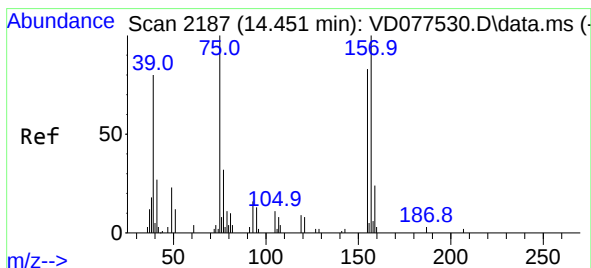
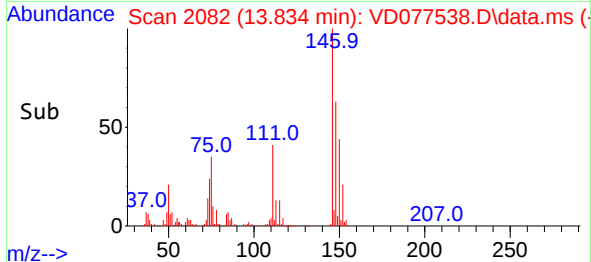
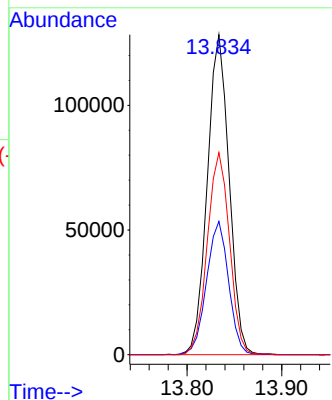
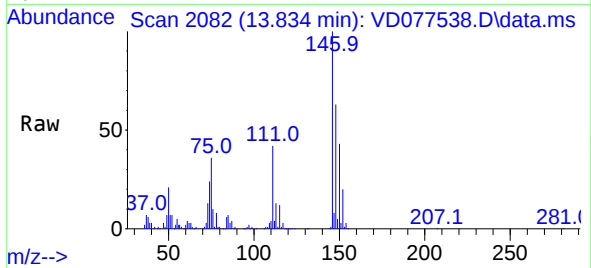




#67
1,2-Dichlorobenzene
Concen: 21.306 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

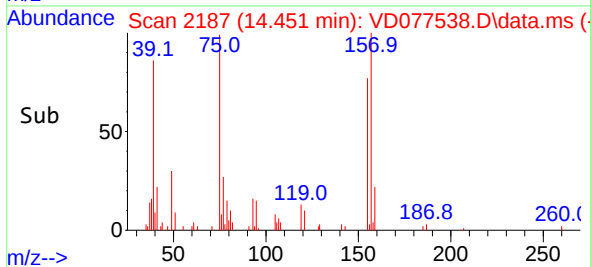
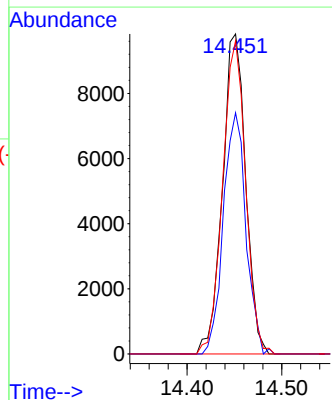
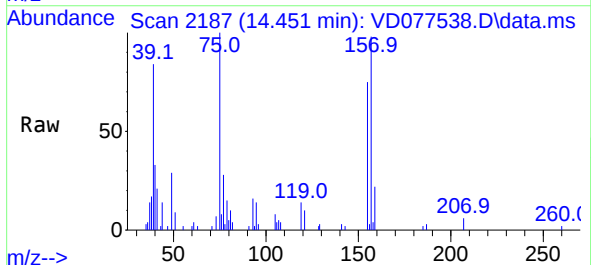
Instrument :
MSVOA_D
ClientSampleId :

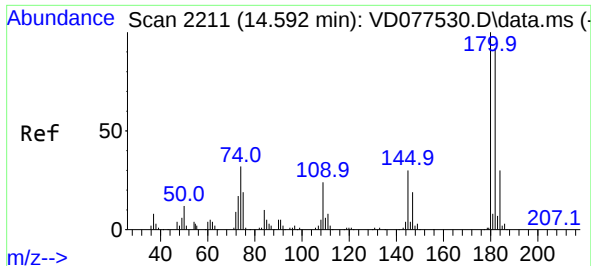
Tgt Ion:146 Resp: 205486
Ion Ratio Lower Upper
146 100
111 41.6 33.8 50.6
148 63.2 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.974 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

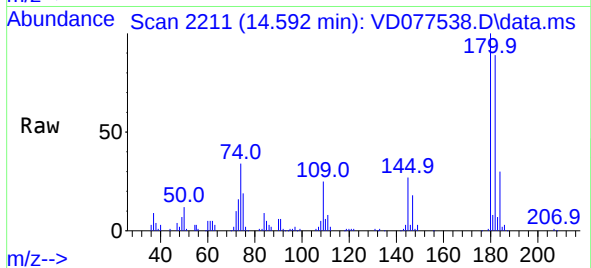
Tgt Ion: 75 Resp: 16737
Ion Ratio Lower Upper
75 100
155 75.4 58.2 87.2
157 97.8 68.7 103.1



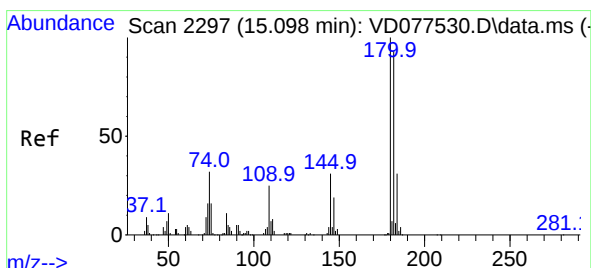
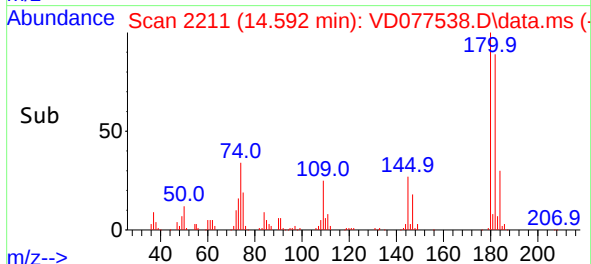
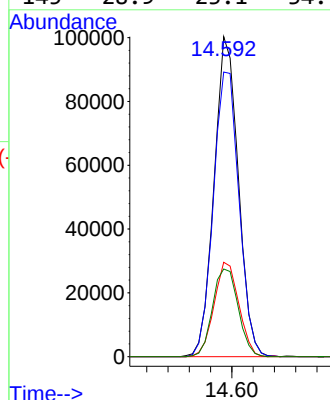


#69
 1,3,5-Trichlorobenzene
 Concen: 21.333 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

Instrument :
 MSVOA_D
 ClientSampleId :

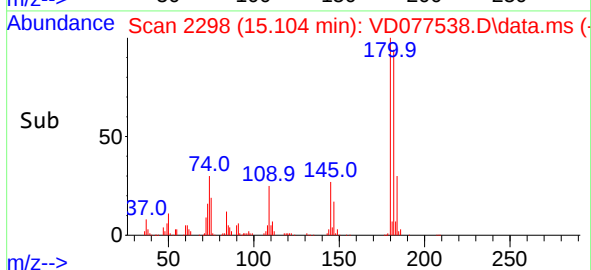
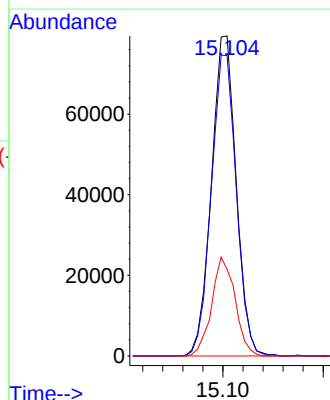
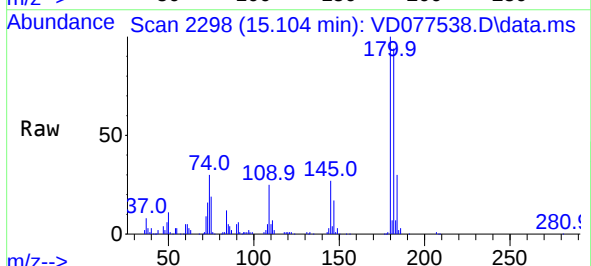


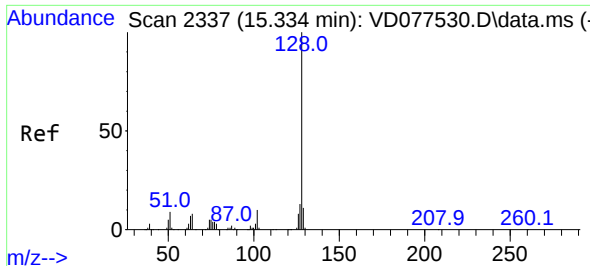
Tgt Ion:180 Resp: 158453
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.1 114.1
 184 30.1 24.0 36.0
 145 28.9 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 21.756 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD077538.D
 Acq: 13 Nov 2023 09:20

Tgt Ion:180 Resp: 136191
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.6
 145 29.1 24.1 36.1

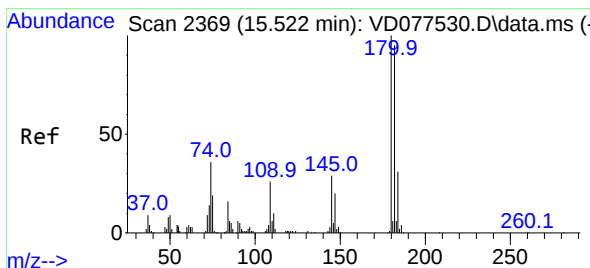
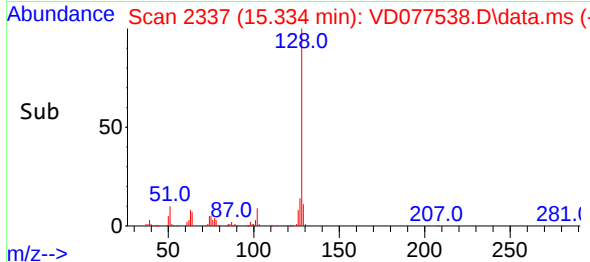
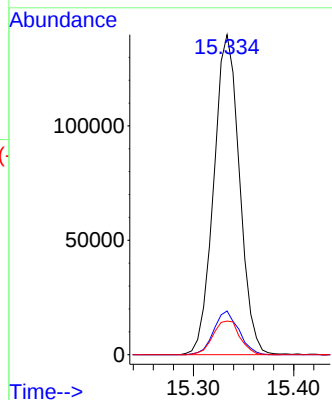
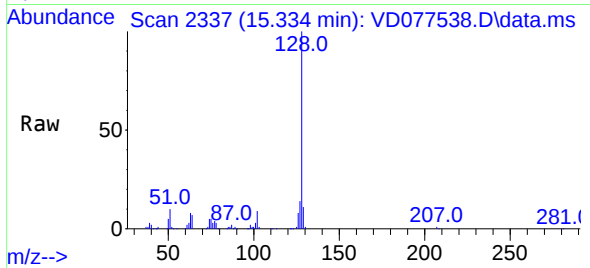




#71
Naphthalene
Concen: 21.131 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 249303
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 21.597 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077538.D
Acq: 13 Nov 2023 09:20

Tgt Ion:180 Resp: 115279
Ion Ratio Lower Upper
180 100
182 93.5 76.8 115.2
145 30.8 26.0 39.0

