

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
 Data File : VD077524.D
 Acq On : 09 Nov 2023 08:52
 Operator : JC/SY
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 10 00:03:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	354486	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	320906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	147947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	25567	2.835	ug/L	0.00
7) Chloroethane-d5	2.811	69	20213	2.853	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	7872	2.823	ug/L	0.00
21) 2-Butanone-d5	6.993	46	6782	4.488	ug/L	0.00
24) Chloroform-d	7.569	84	25635	2.503	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	13732	2.521	ug/L	0.00
32) Benzene-d6	8.204	84	53115	2.550	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	17953	2.646	ug/L	0.00
41) Toluene-d8	10.269	98	47712	2.535	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	7432	2.541	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	6274	5.170	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	11149	2.480	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	12740	2.421	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	14882	2.607	ug/L	100
3) Chloromethane	2.152	50	20900	2.545	ug/L	95
5) Vinyl chloride	2.287	62	23477	2.532	ug/L	98
6) Bromomethane	2.699	94	11385	2.307	ug/L	98
8) Chloroethane	2.846	64	14700	2.551	ug/L	94
9) Trichlorofluoromethane	3.187	101	20798	2.465	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	6961	1.341	ug/L #	82
12) 1,1-Dichloroethene	3.946	96	12442	2.455	ug/L	94
13) Acetone	4.028	43	7855	4.787	ug/L	78
14) Carbon disulfide	4.275	76	45946	2.531	ug/L	100
15) Methyl Acetate	4.575	43	6952	2.575	ug/L #	64
16) Methylene chloride	4.810	84	18169	3.034	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	13006	2.453	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	30500	2.451	ug/L #	69
19) 1,1-Dichloroethane	6.116	63	26178	2.460	ug/L	94
20) cis-1,2-Dichloroethene	7.087	96	14656	2.544	ug/L	87
22) 2-Butanone	7.087	43	9866	4.939	ug/L	79
23) Bromochloromethane	7.428	128	5672	2.450	ug/L	88
25) Chloroform	7.599	83	24183	2.474	ug/L	93
27) 1,2-Dichloroethane	8.334	62	16100	2.485	ug/L	96
29) Cyclohexane	7.881	56	25989	2.494	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	20793	2.475	ug/L	98
31) Carbon tetrachloride	7.993	117	17688	2.450	ug/L	96
33) Benzene	8.251	78	53281	2.394	ug/L	100
34) Trichloroethene	9.034	95	13222	2.398	ug/L	94
35) Methylcyclohexane	9.281	83	23565	2.369	ug/L	93
37) 1,2-Dichloropropane	9.310	63	15296	2.472	ug/L #	95
38) Bromodichloromethane	9.581	83	17362	2.447	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	22747	2.393	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	19299	5.119	ug/L	96
42) Toluene	10.334	91	55728	2.385	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	18671	2.377	ug/L	97

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 ClientSampleId :

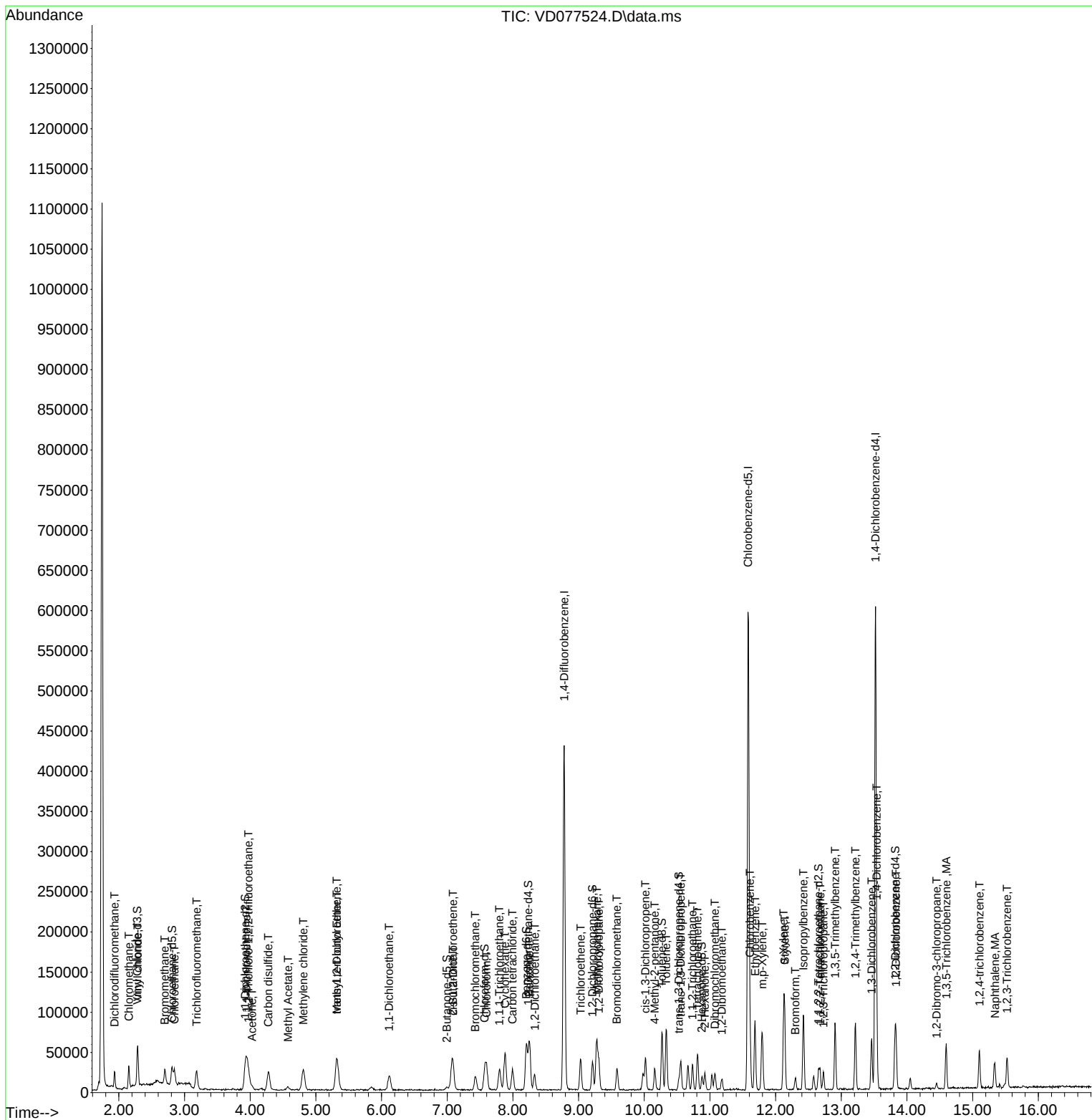
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 00:03:14 2023
 Response via : Initial Calibration

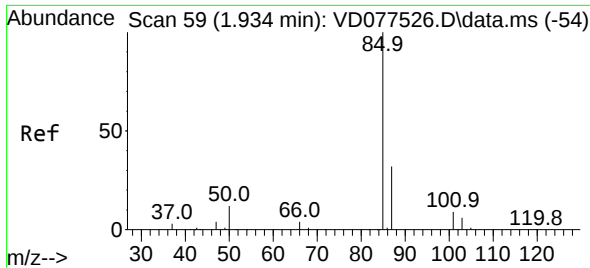
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	9210	2.435	ug/L	95
46) Tetrachloroethene	10.810	164	9567	2.358	ug/L	94
48) 2-Hexanone	10.922	43	15041	5.033	ug/L	94
49) Dibromochloromethane	11.075	129	10483	2.440	ug/L	91
50) 1,2-Dibromoethane	11.181	107	8958	2.477	ug/L	85
51) Chlorobenzene	11.610	112	32299	2.360	ug/L	98
52) Ethylbenzene	11.687	91	60136	2.339	ug/L	97
53) m,p-Xylene	11.798	106	21943	2.346	ug/L	95
54) o-Xylene	12.122	106	20791	2.320	ug/L	95
55) Styrene	12.139	104	35288	2.256	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.681	83	11093	2.490	ug/L	91
59) Bromoform	12.298	173	6582	2.609	ug/L #	86
60) Isopropylbenzene	12.422	105	56404	2.357	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	8167	2.592	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	42957	2.365	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	42881	2.331	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	23588	2.403	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	24630	2.486	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	21260	2.449	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.451	75	1974	2.880	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	16115	2.411	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	13612	2.416	ug/L	96
71) Naphthalene	15.339	128	25198	2.373	ug/L #	92
72) 1,2,3-Trichlorobenzene	15.522	180	11383	2.370	ug/L	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 00:03:14 2023
Response via : Initial Calibration

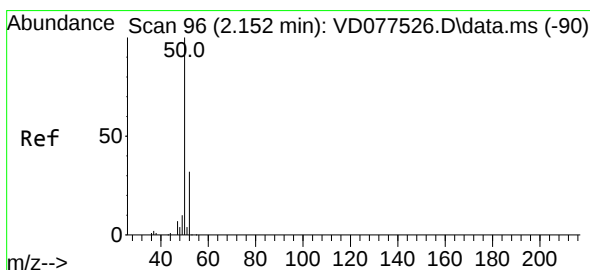
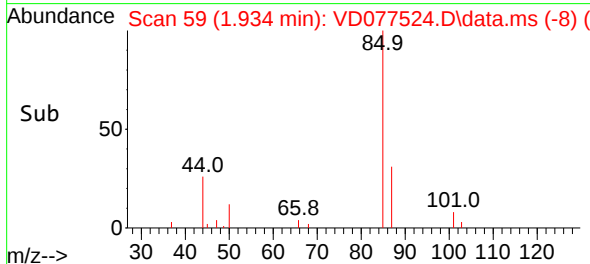
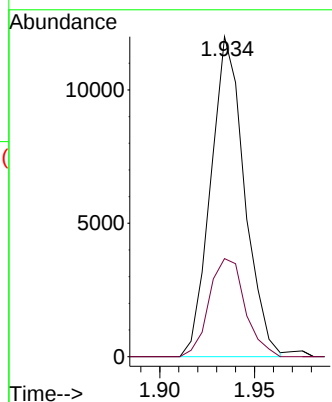
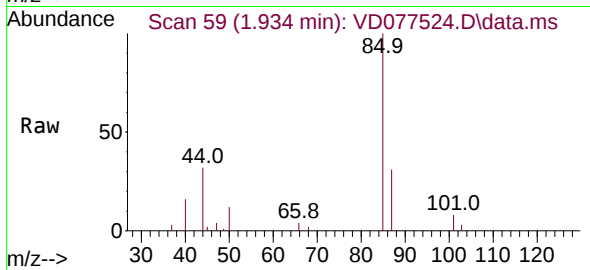




#2
 Dichlorodifluoromethane
 Concen: 2.607 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

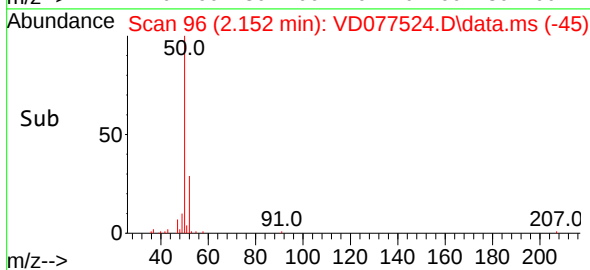
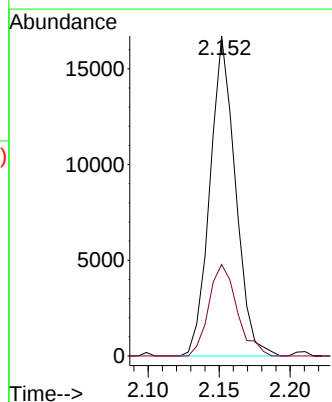
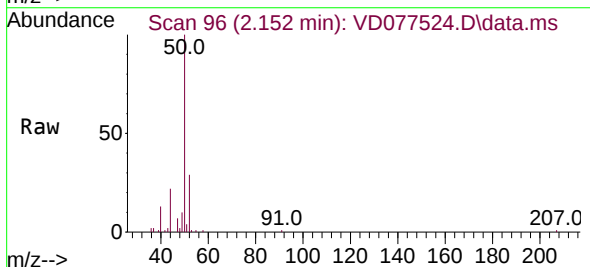
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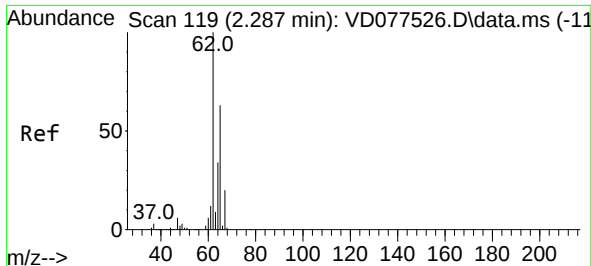
Tgt Ion: 85 Resp: 14882
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.2



#3
 Chloromethane
 Concen: 2.545 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Tgt Ion: 50 Resp: 20900
 Ion Ratio Lower Upper
 50 100
 52 28.6 22.1 41.1

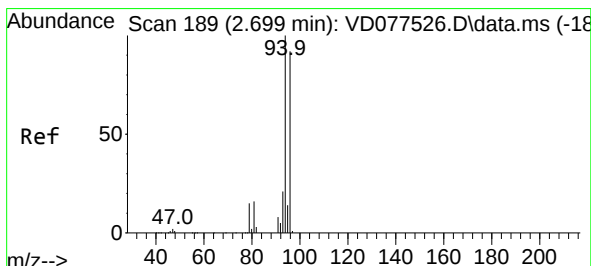
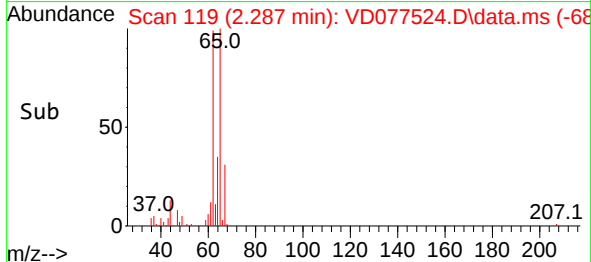
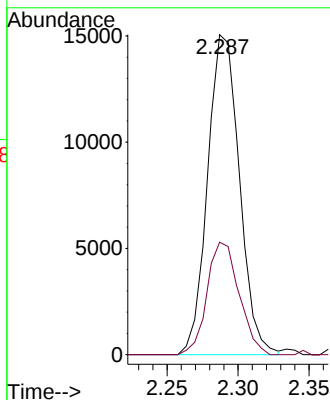
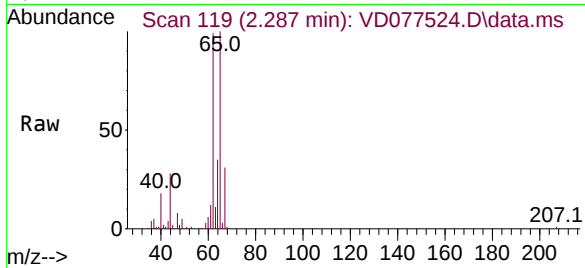




#5
 Vinyl chloride
 Concen: 2.532 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

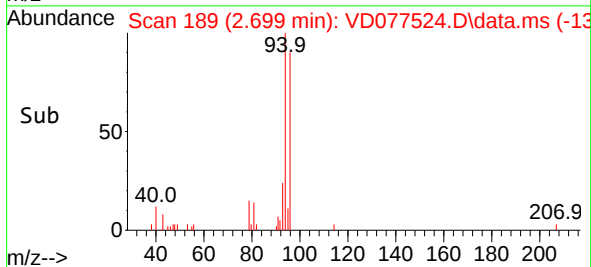
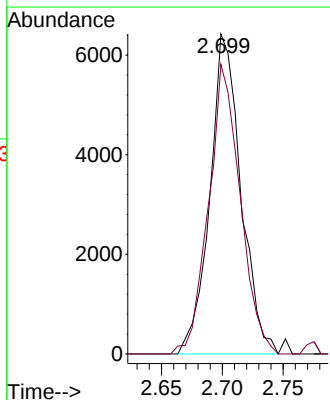
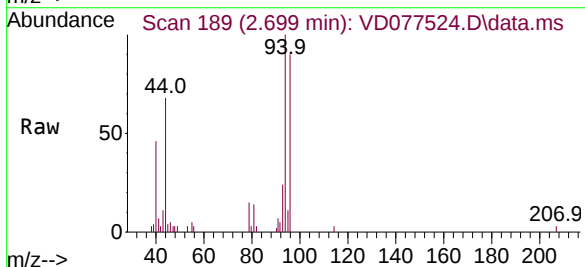
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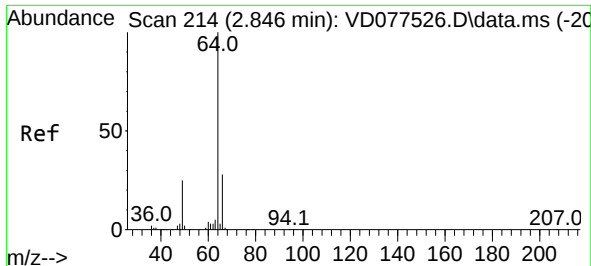
Tgt Ion: 62 Resp: 23477
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.9 44.5



#6
 Bromomethane
 Concen: 2.307 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

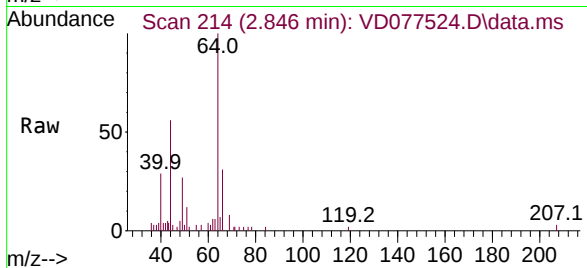
Tgt Ion: 94 Resp: 11385
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.5 119.9



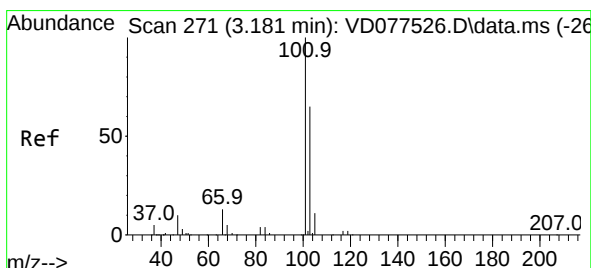
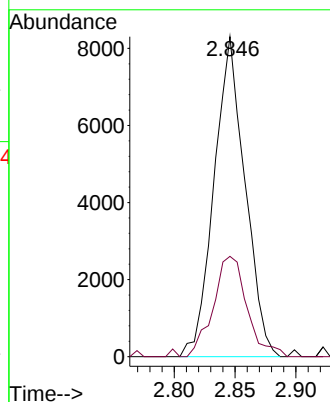
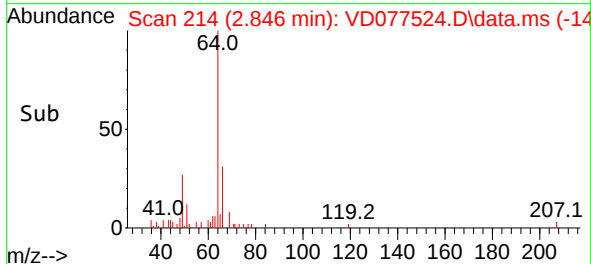


#8
Chloroethane
Concen: 2.551 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

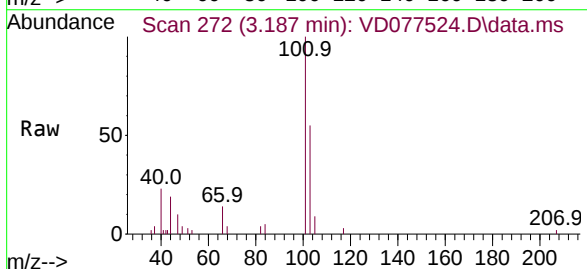
Instrument :
MSVOA_D
ClientSampleId :



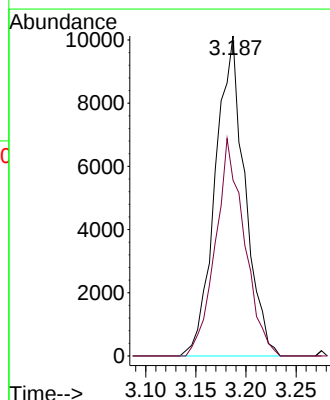
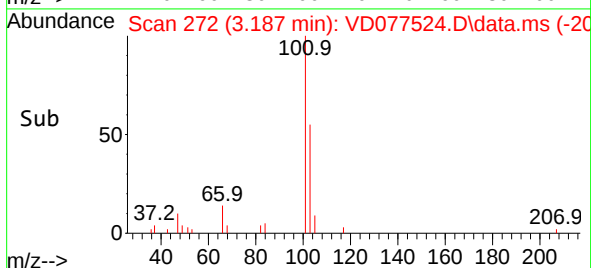
Tgt Ion: 64 Resp: 14700
Ion Ratio Lower Upper
64 100
66 31.3 19.8 36.8

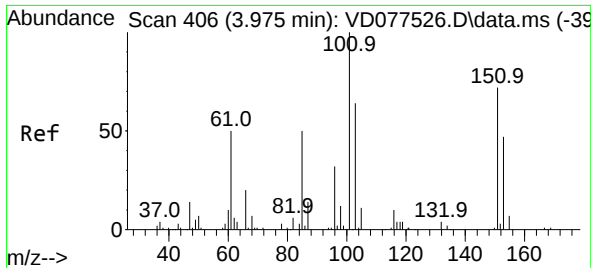


#9
Trichlorofluoromethane
Concen: 2.465 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52



Tgt Ion: 101 Resp: 20798
Ion Ratio Lower Upper
101 100
103 66.6 51.9 77.9

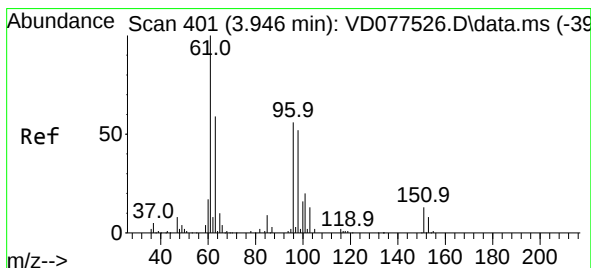
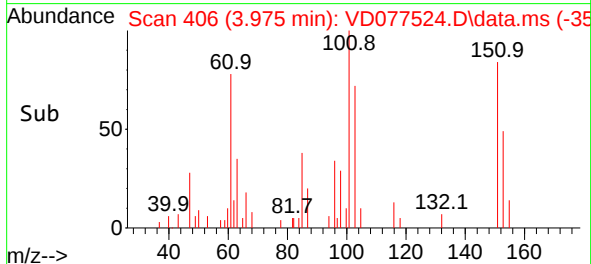
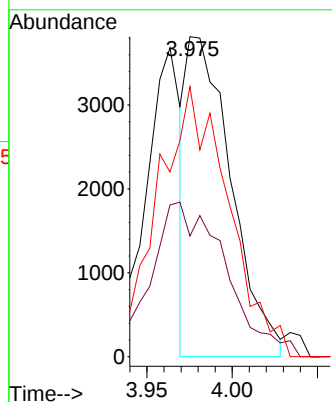
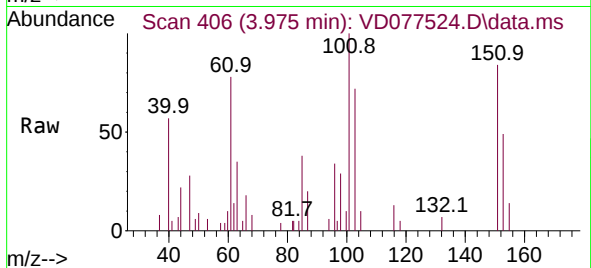




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.341 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

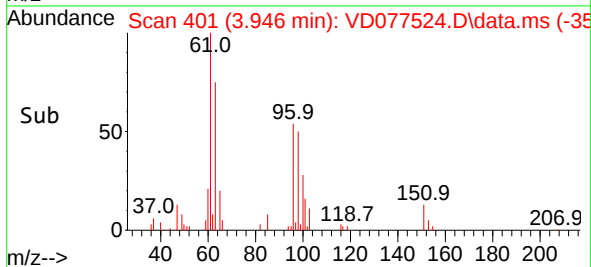
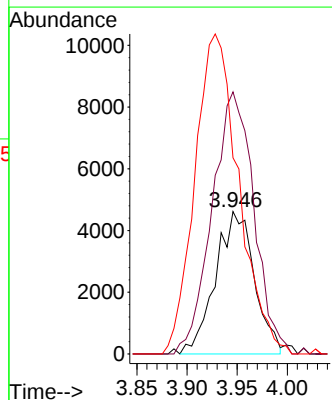
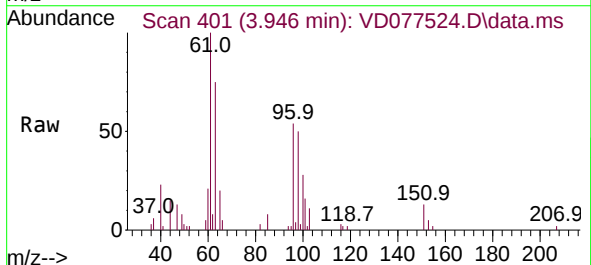
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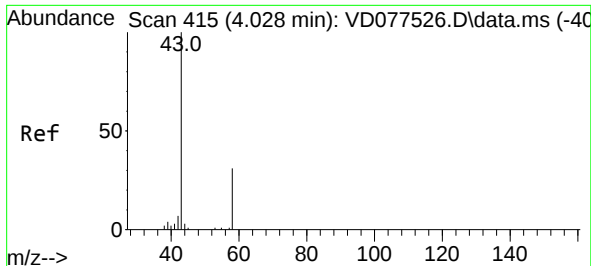
Tgt Ion:101 Resp: 6961
 Ion Ratio Lower Upper
 101 100
 85 47.3 36.8 55.2
 151 93.8 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 2.455 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Tgt Ion: 96 Resp: 12442
 Ion Ratio Lower Upper
 96 100
 61 184.1 127.5 236.9
 63 137.8 86.4 160.4





#13

Acetone

Concen: 4.787 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

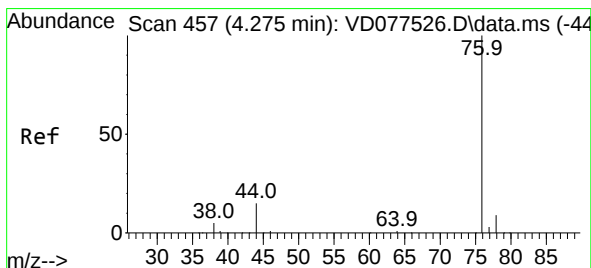
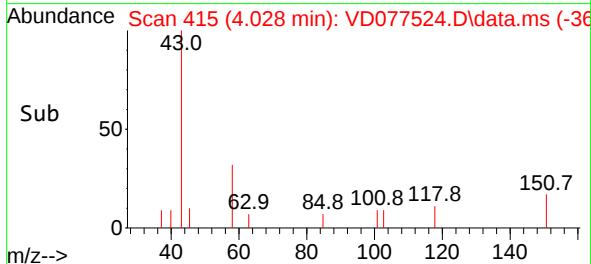
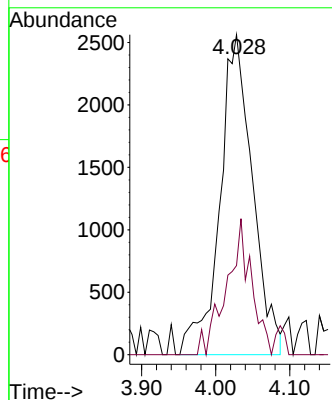
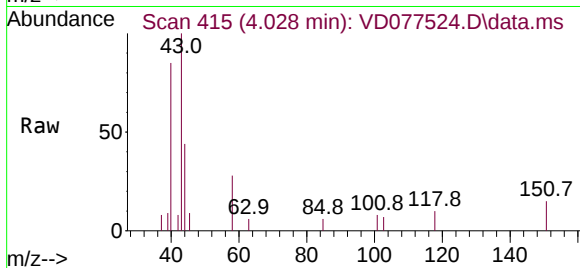
ClientSampleId :

Tgt Ion: 43 Resp: 7855

Ion Ratio Lower Upper

43 100

58 19.5 0.0 64.0



#14

Carbon disulfide

Concen: 2.531 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD077524.D

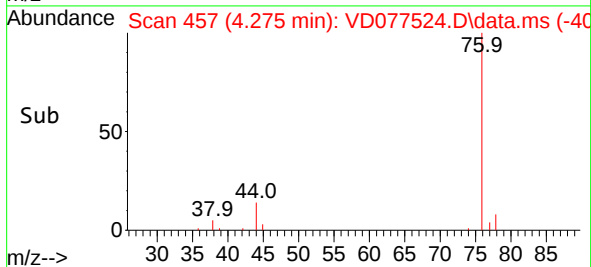
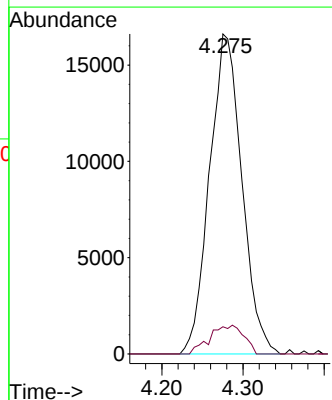
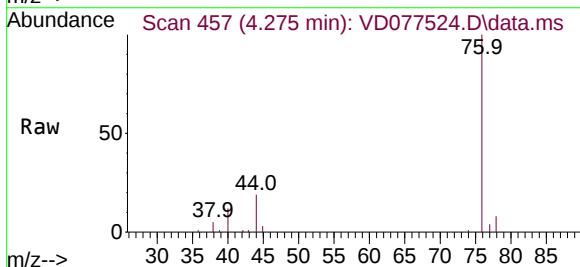
Acq: 09 Nov 2023 08:52

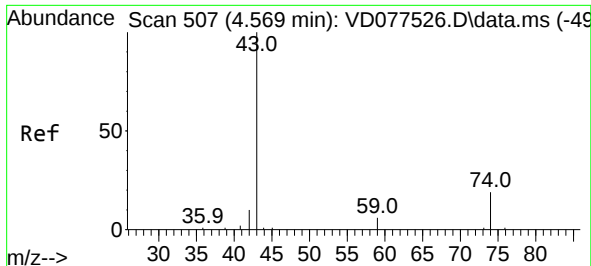
Tgt Ion: 76 Resp: 45946

Ion Ratio Lower Upper

76 100

78 8.5 6.9 10.3

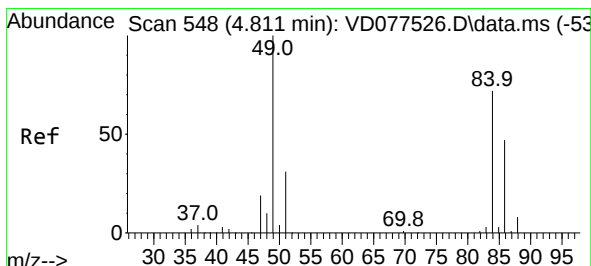
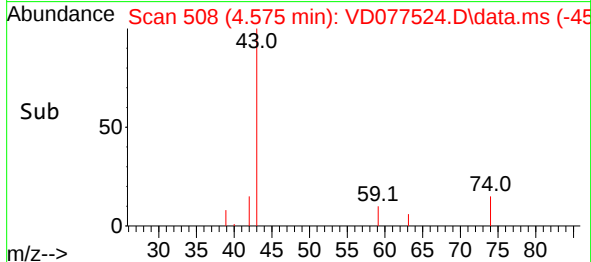
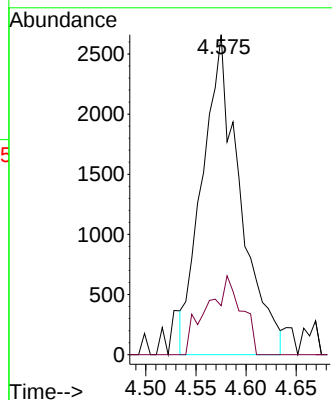
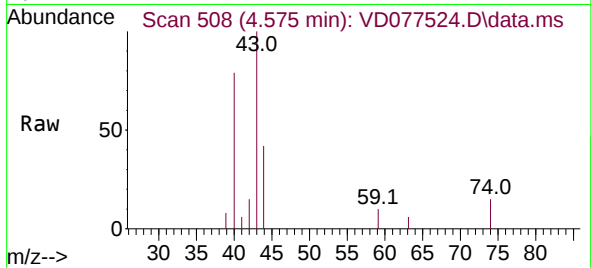




#15
Methyl Acetate
Concen: 2.575 ug/L
RT: 4.575 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

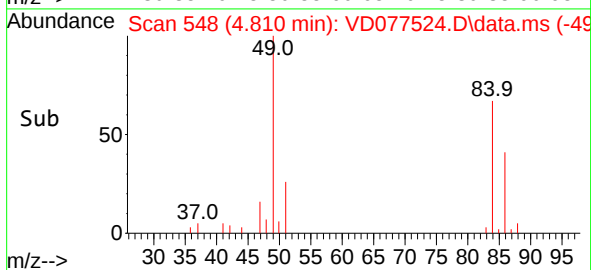
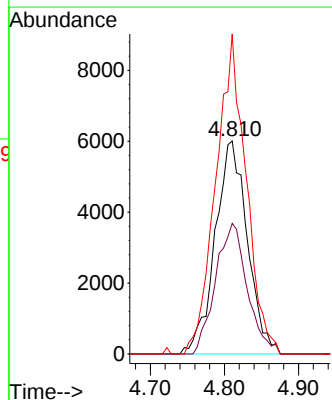
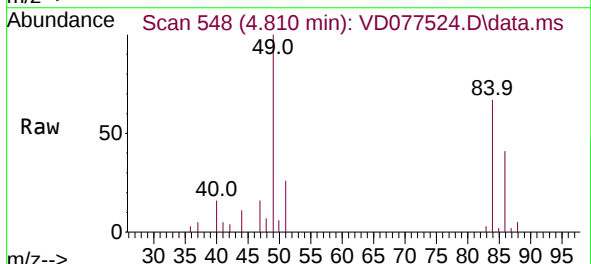
Instrument :
MSVOA_D
ClientSampleId :

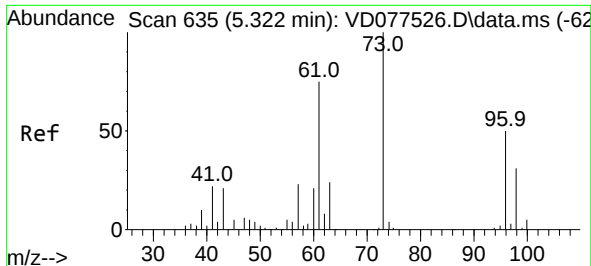
Tgt Ion: 43 Resp: 6952
Ion Ratio Lower Upper
43 100
74 3.8 16.6 24.8#



#16
Methylene chloride
Concen: 3.034 ug/L
RT: 4.810 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion: 84 Resp: 18169
Ion Ratio Lower Upper
84 100
86 61.3 46.5 86.5
49 150.2 98.3 182.7





#17

trans-1,2-Dichloroethene

Concen: 2.453 ug/L

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

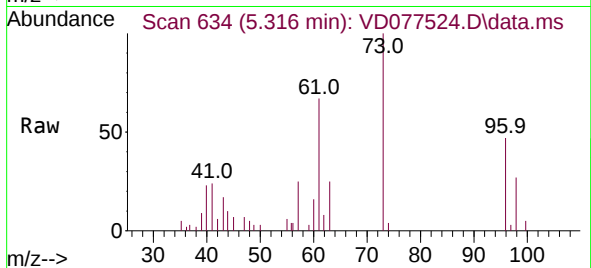
Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :



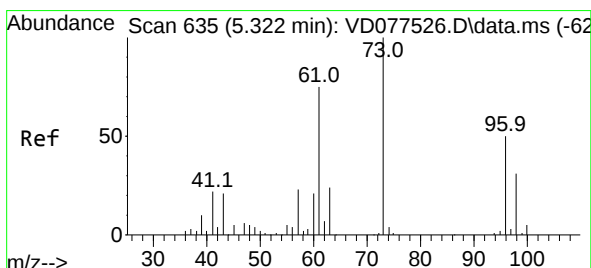
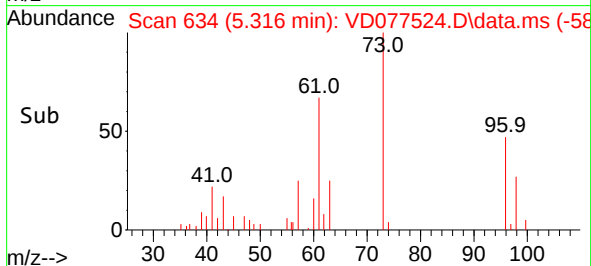
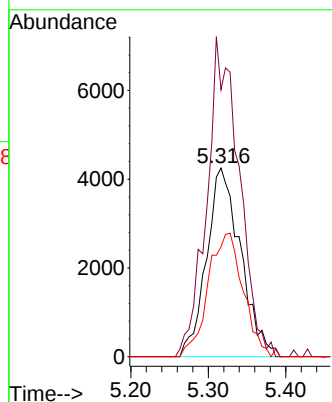
Tgt Ion: 96 Resp: 13006

Ion Ratio Lower Upper

96 100

61 141.6 104.0 193.2

98 58.2 43.1 80.1



#18

Methyl tert-butyl Ether

Concen: 2.451 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

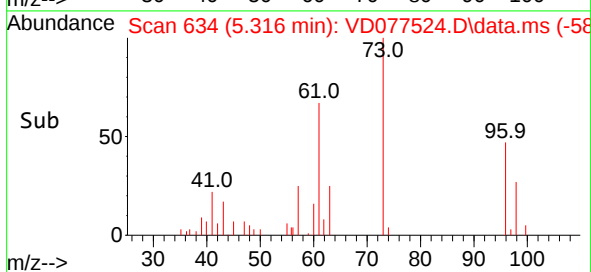
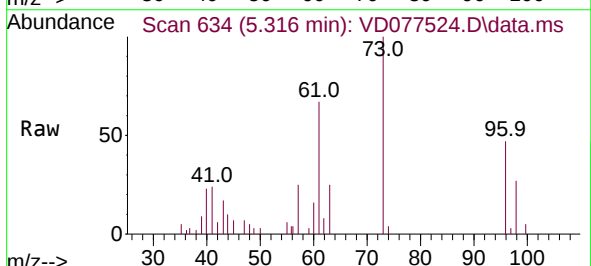
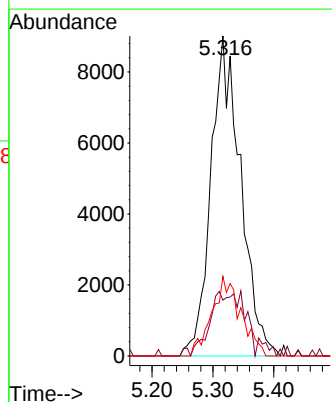
Tgt Ion: 73 Resp: 30500

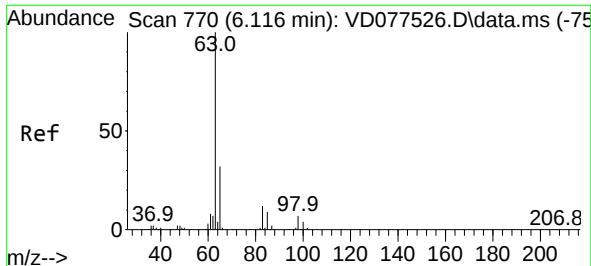
Ion Ratio Lower Upper

73 100

43 5.6 16.4 24.6#

57 9.0 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 2.460 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

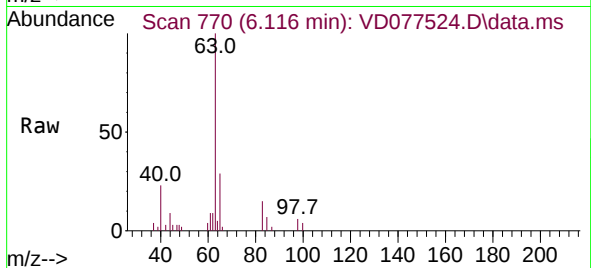
Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :



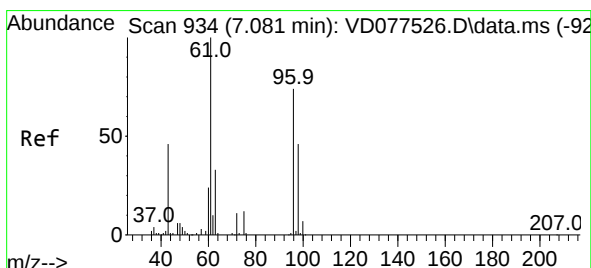
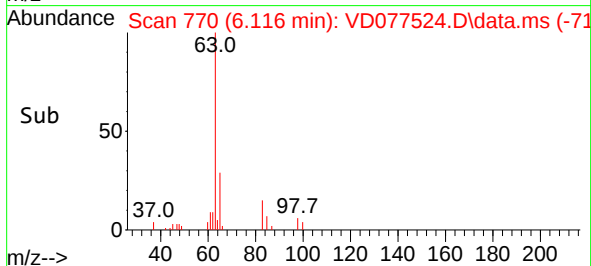
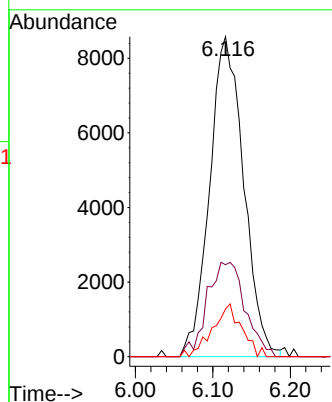
Tgt Ion: 63 Resp: 26178

Ion Ratio Lower Upper

63 100

65 28.7 22.6 42.0

83 14.9 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 2.544 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

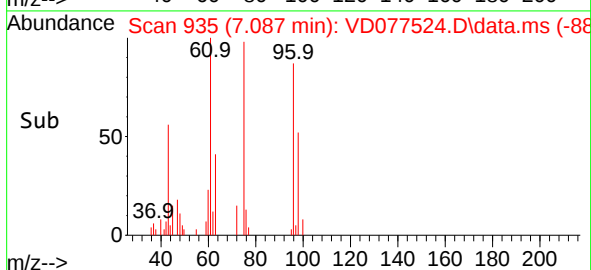
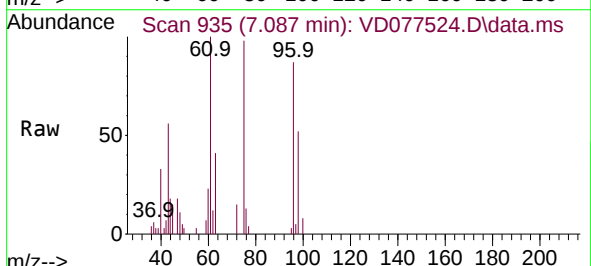
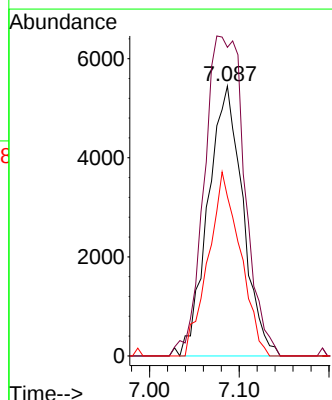
Tgt Ion: 96 Resp: 14656

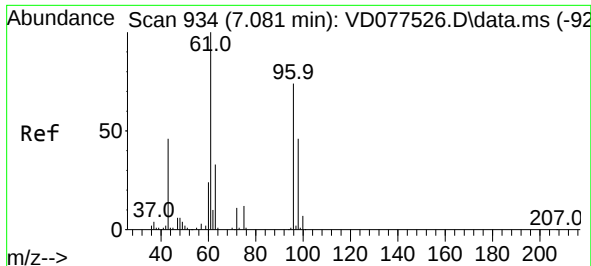
Ion Ratio Lower Upper

96 100

61 114.4 95.0 176.4

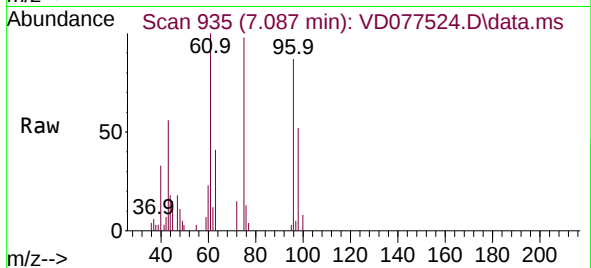
98 59.0 43.1 80.1



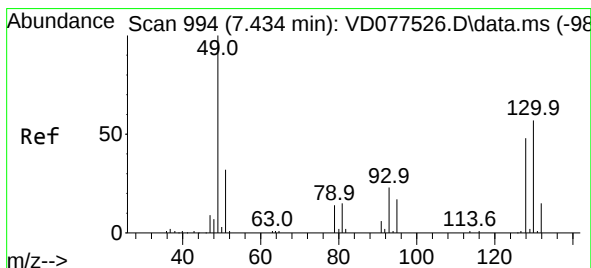
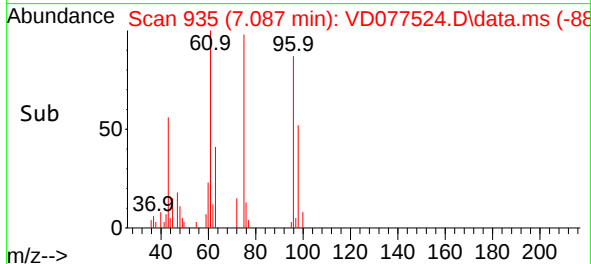
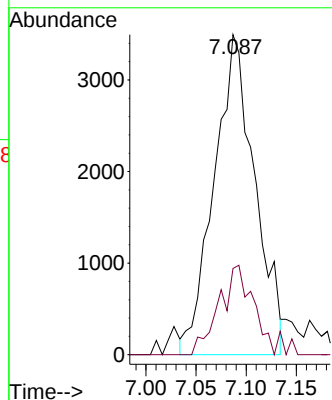


#22
2-Butanone
Concen: 4.939 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Instrument :
MSVOA_D
ClientSampleId :

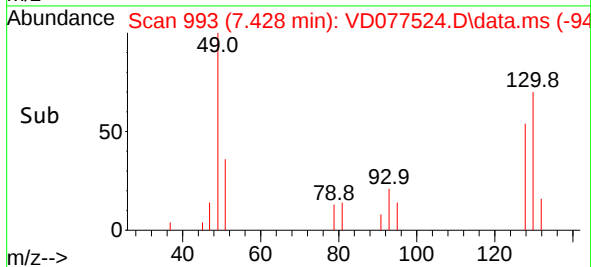
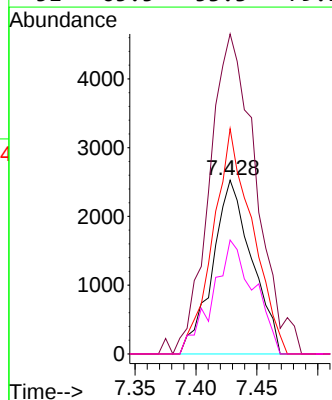
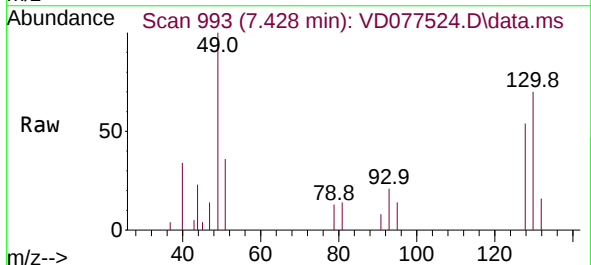


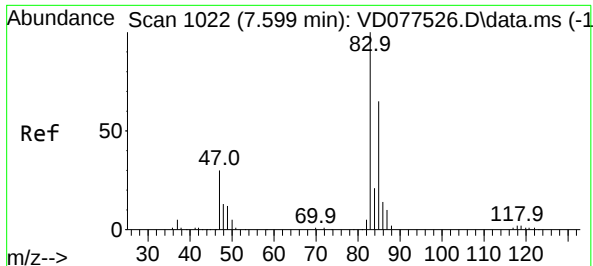
Tgt Ion: 43 Resp: 9866
Ion Ratio Lower Upper
43 100
72 15.1 12.8 38.4



#23
Bromochloromethane
Concen: 2.450 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion: 128 Resp: 5672
Ion Ratio Lower Upper
128 100
49 184.1 146.7 272.5
130 129.6 83.2 154.6
51 65.5 53.3 79.9





#25

Chloroform

Concen: 2.474 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

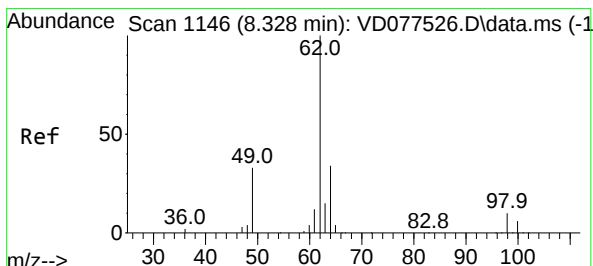
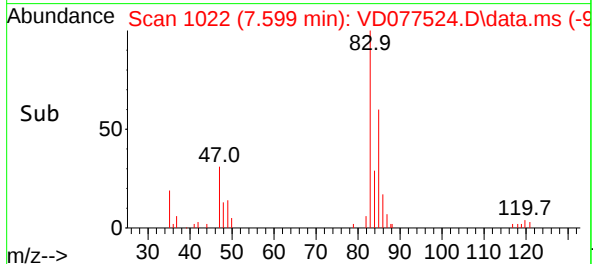
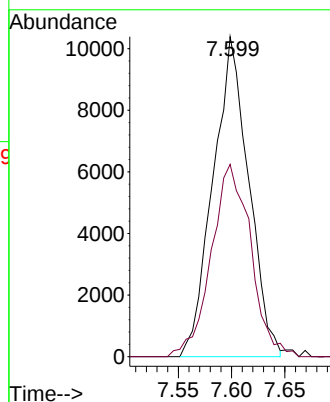
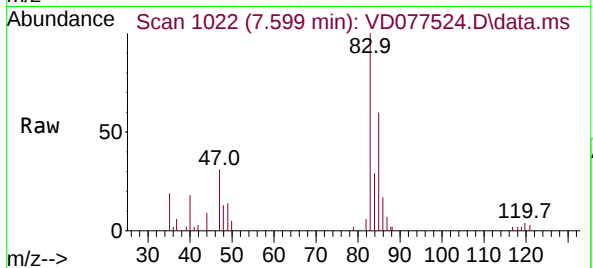
ClientSampleId :

Tgt Ion: 83 Resp: 24183

Ion Ratio Lower Upper

83 100

85 60.1 45.9 85.3



#27

1,2-Dichloroethane

Concen: 2.485 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD077524.D

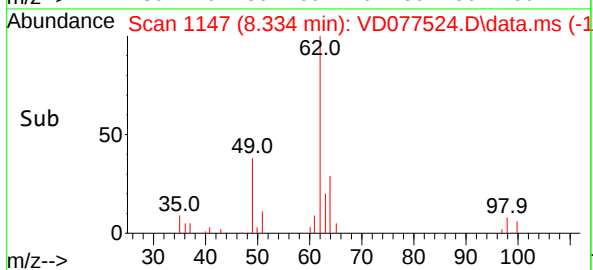
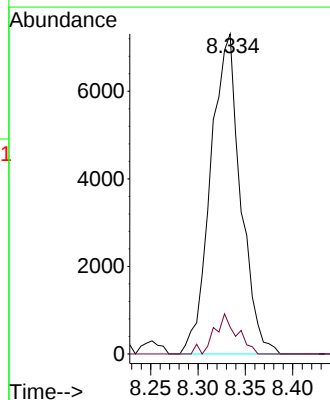
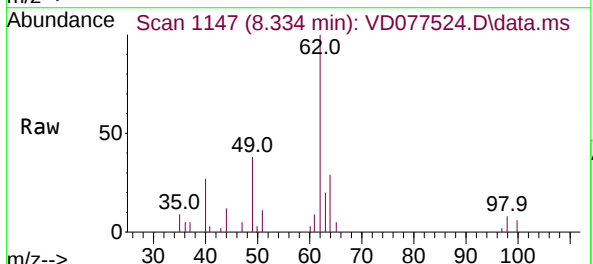
Acq: 09 Nov 2023 08:52

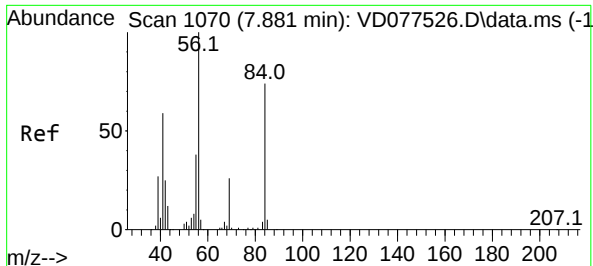
Tgt Ion: 62 Resp: 16100

Ion Ratio Lower Upper

62 100

98 8.4 8.0 12.0





#29

Cyclohexane

Concen: 2.494 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

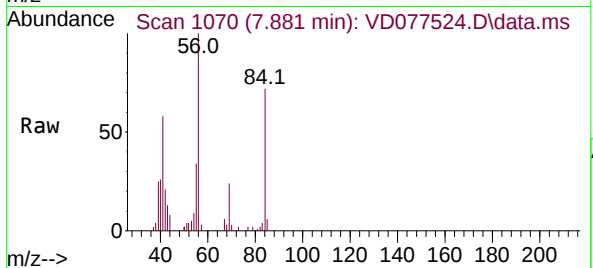
Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :



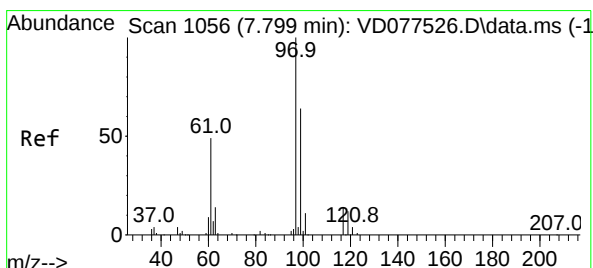
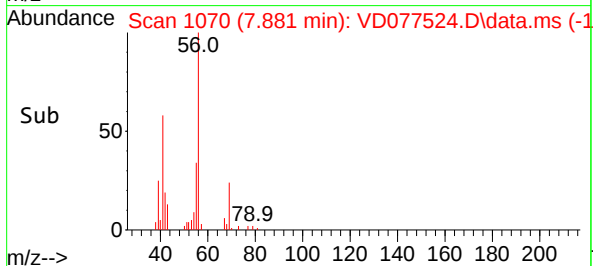
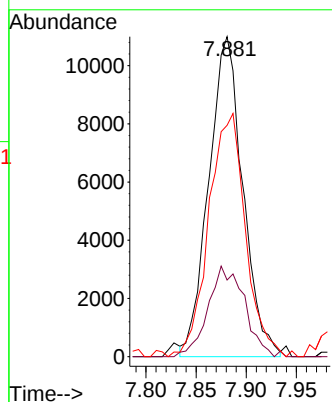
Tgt Ion: 56 Resp: 25989

Ion Ratio Lower Upper

56 100

69 30.0 22.6 33.8

84 81.6 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 2.475 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

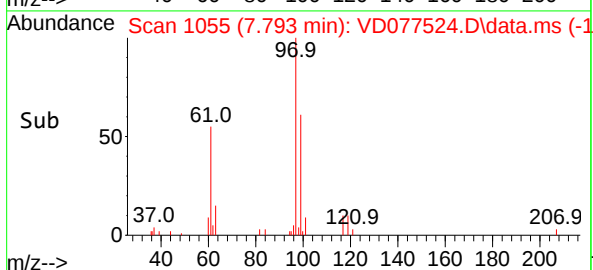
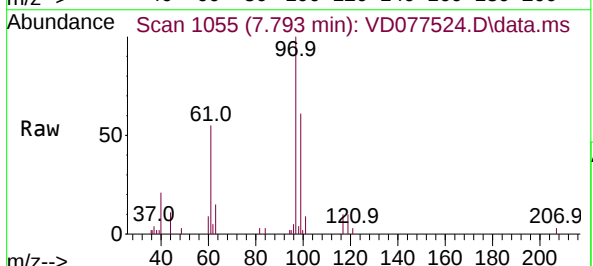
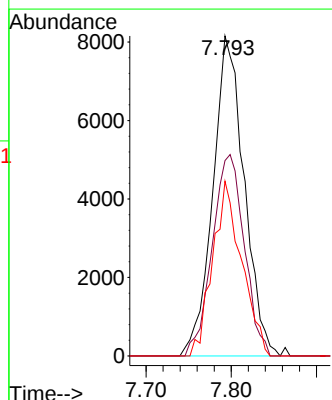
Tgt Ion: 97 Resp: 20793

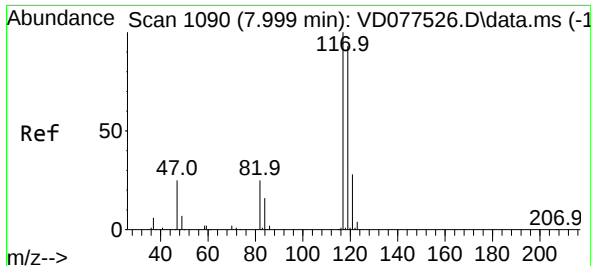
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 50.6 38.1 57.1

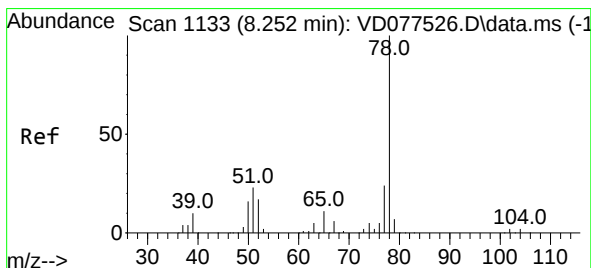
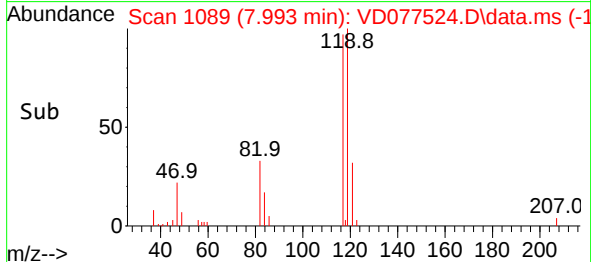
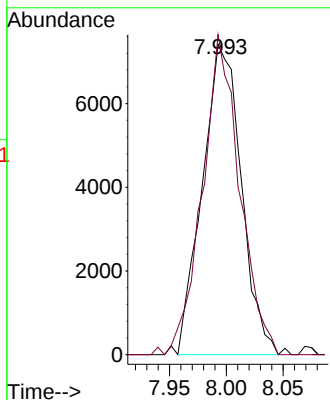
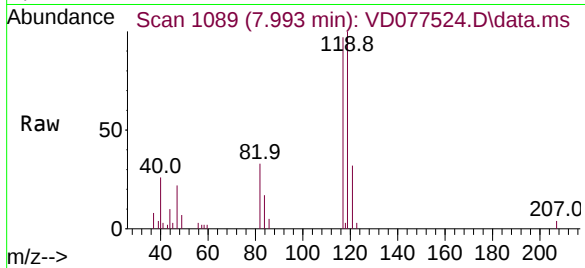




#31
Carbon tetrachloride
Concen: 2.450 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

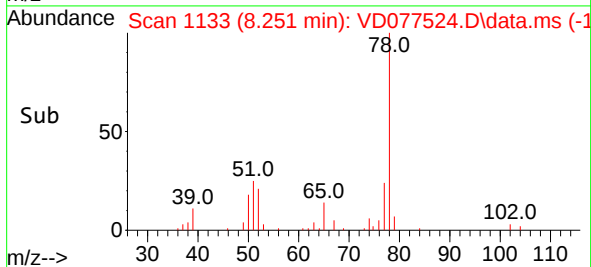
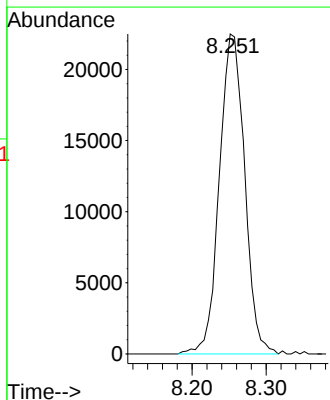
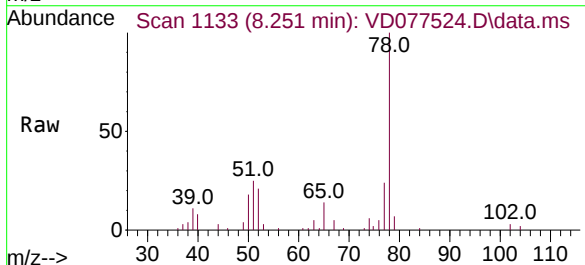
Instrument :
MSVOA_D
ClientSampleId :

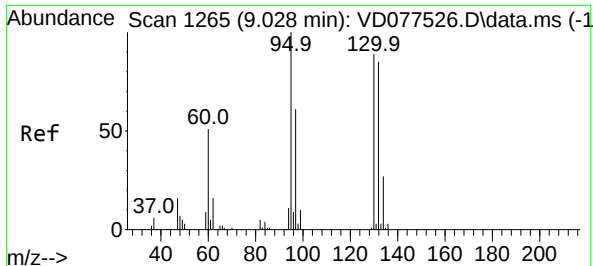
Tgt Ion:117 Resp: 17688
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0



#33
Benzene
Concen: 2.394 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

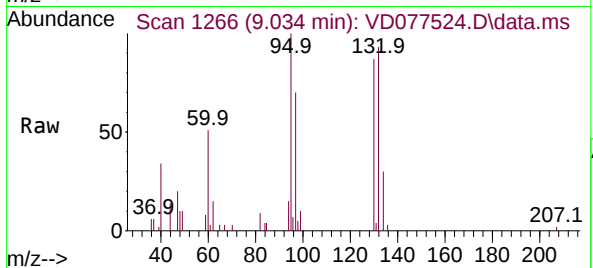
Tgt Ion: 78 Resp: 53281





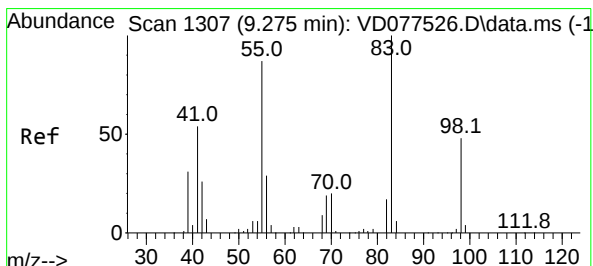
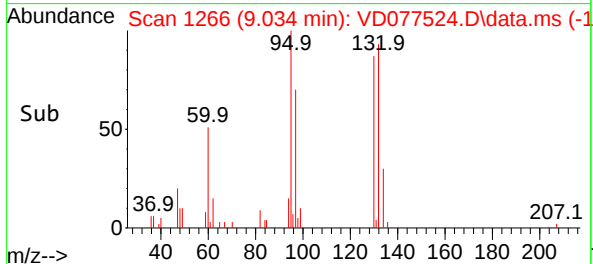
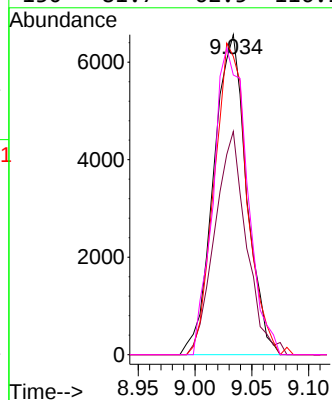
#34
Trichloroethene
Concen: 2.398 ug/L
RT: 9.034 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 13222

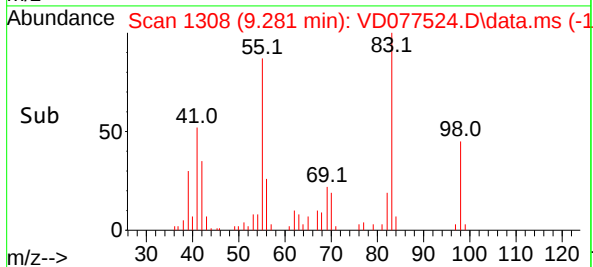
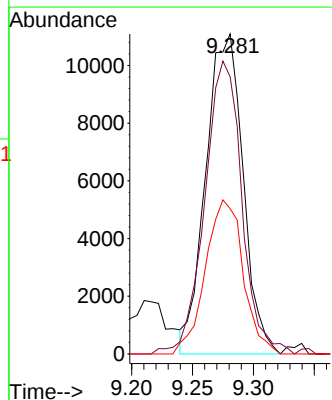
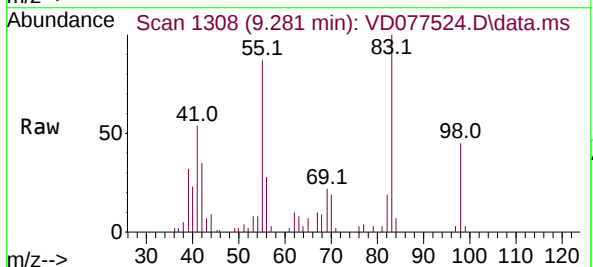
Ion	Ratio	Lower	Upper
95	100		
97	65.2	42.4	78.6
132	87.2	59.4	110.2
130	81.7	62.5	116.1

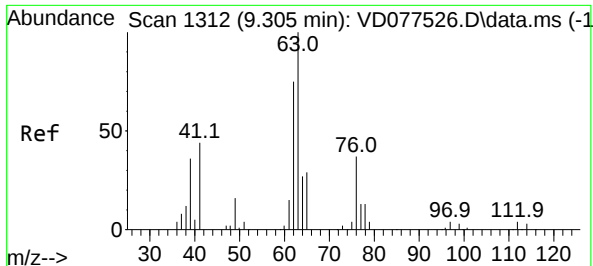


#35
Methylcyclohexane
Concen: 2.369 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion: 83 Resp: 23565

Ion	Ratio	Lower	Upper
83	100		
55	90.9	66.5	99.7
98	48.8	37.4	56.2





#37

1,2-Dichloropropane

Concen: 2.472 ug/L

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

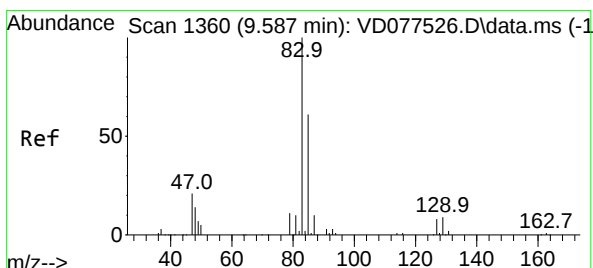
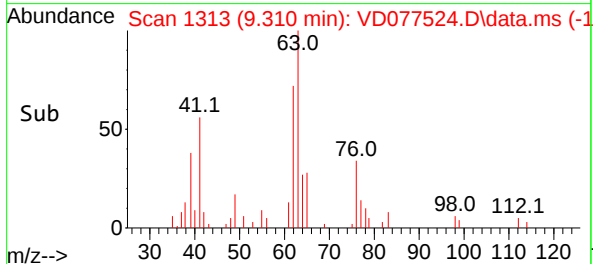
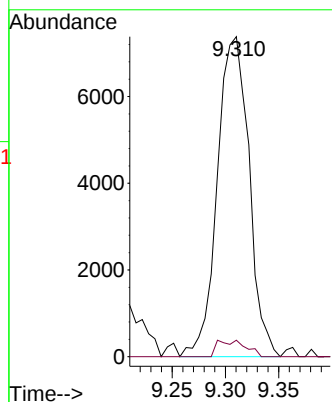
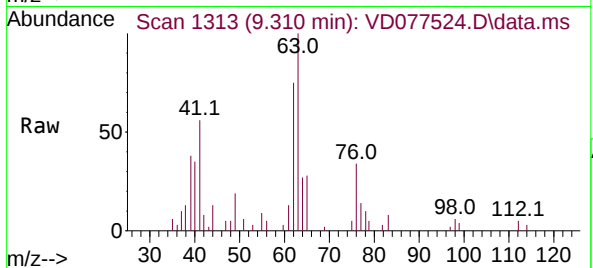
ClientSampleId :

Tgt Ion: 63 Resp: 15296

Ion Ratio Lower Upper

63 100

112 2.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 2.447 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

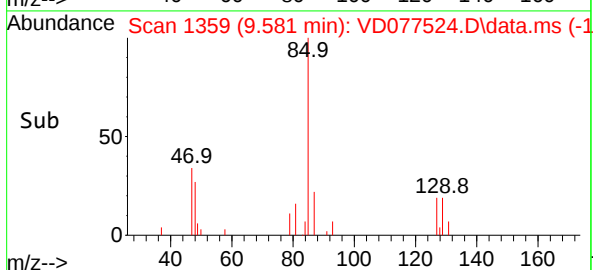
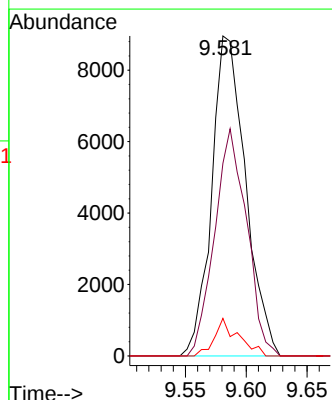
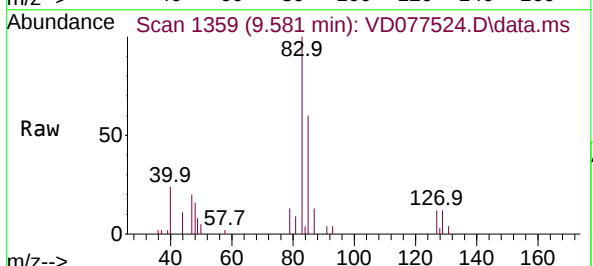
Tgt Ion: 83 Resp: 17362

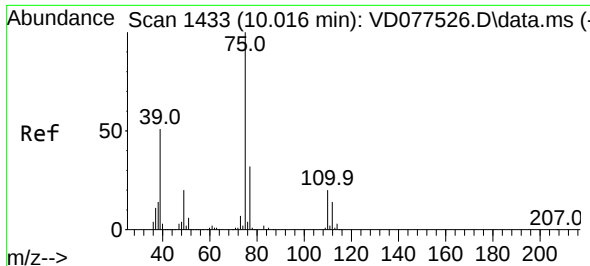
Ion Ratio Lower Upper

83 100

85 60.2 42.4 78.8

127 11.7 6.4 9.6#

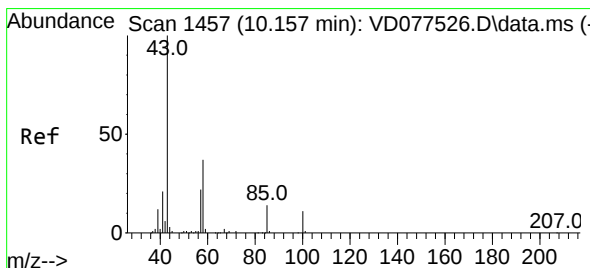
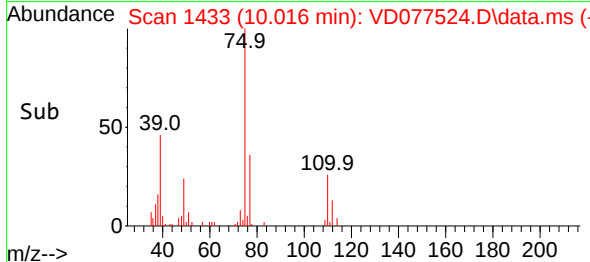
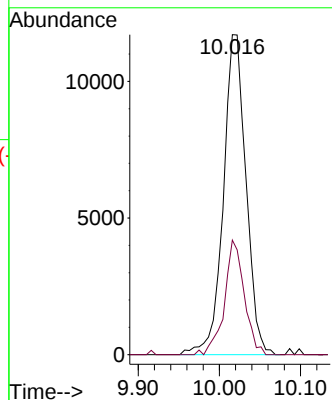
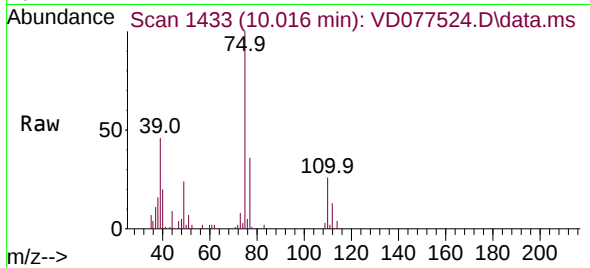




#39
 cis-1,3-Dichloropropene
 Concen: 2.393 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

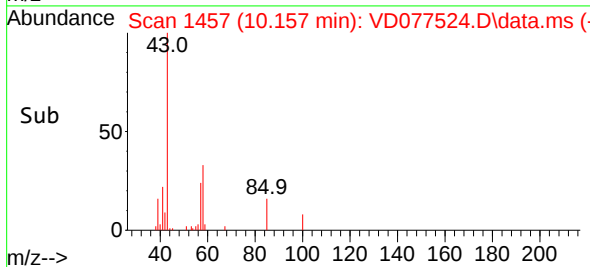
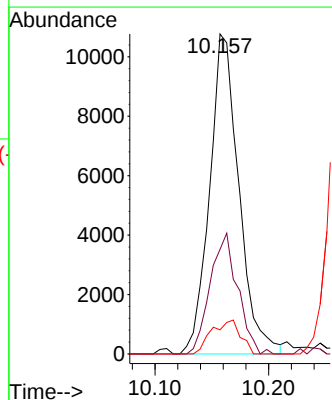
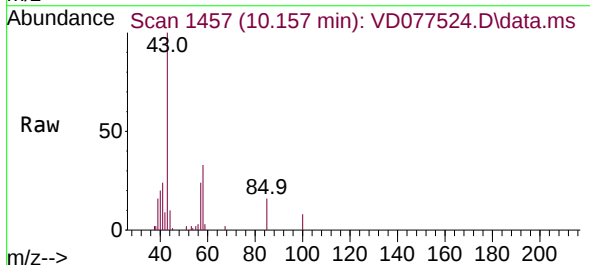
Instrument :
 MSVOA_D
 ClientSampleId :

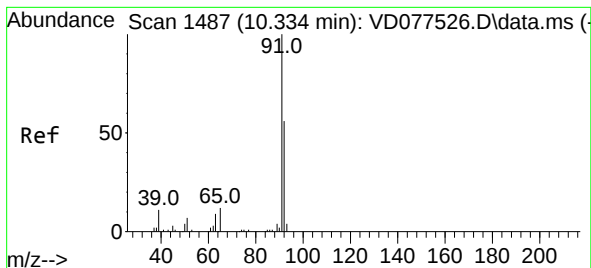
Tgt Ion: 75 Resp: 22747
 Ion Ratio Lower Upper
 75 100
 77 35.8 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 5.119 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Tgt Ion: 43 Resp: 19299
 Ion Ratio Lower Upper
 43 100
 58 35.2 29.8 44.8
 100 10.4 9.5 14.3





#42

Toluene

Concen: 2.385 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

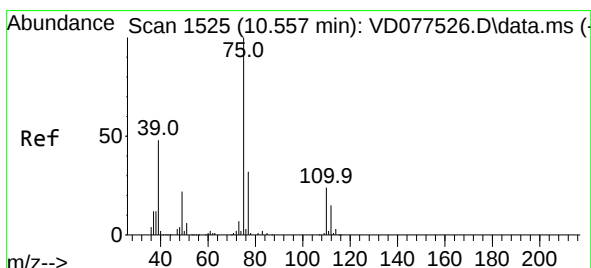
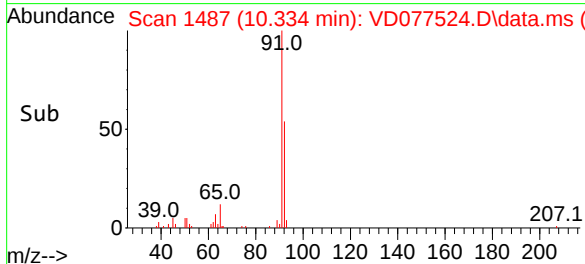
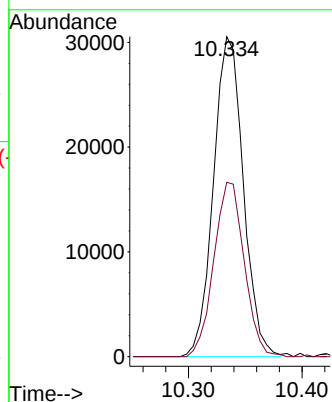
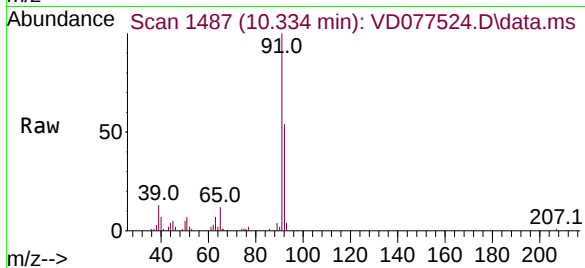
ClientSampleId :

Tgt Ion: 91 Resp: 55728

Ion Ratio Lower Upper

91 100

92 54.5 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 2.377 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD077524.D

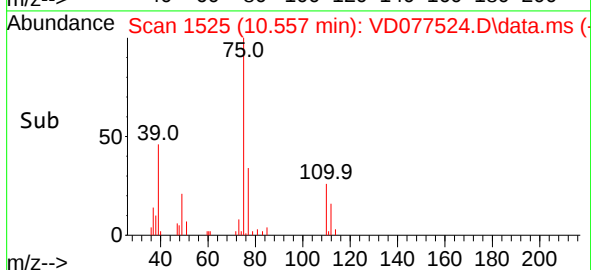
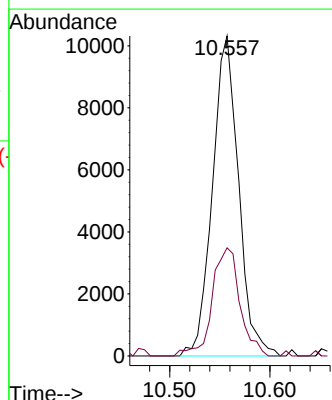
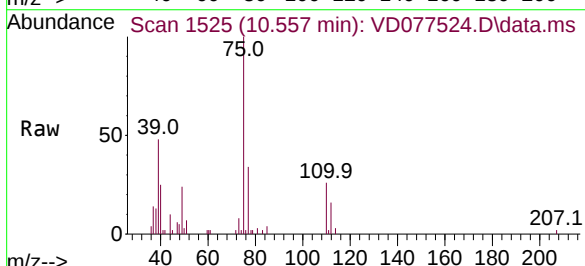
Acq: 09 Nov 2023 08:52

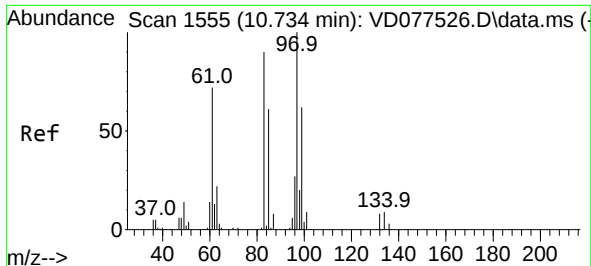
Tgt Ion: 75 Resp: 18671

Ion Ratio Lower Upper

75 100

77 33.8 22.3 41.5

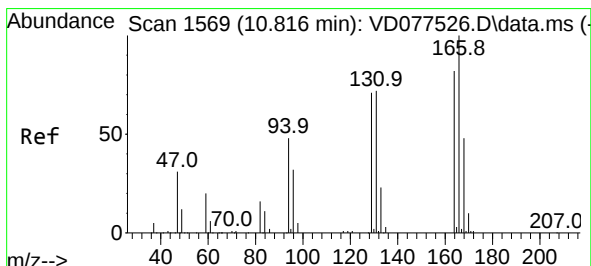
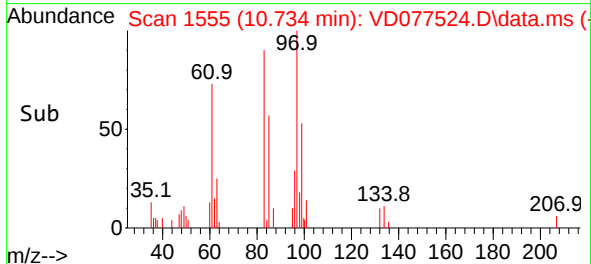
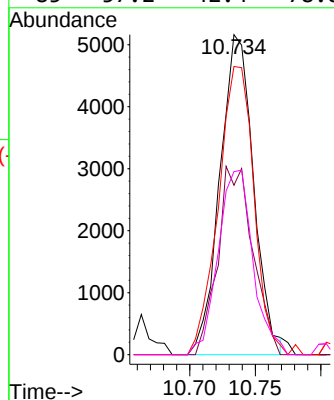
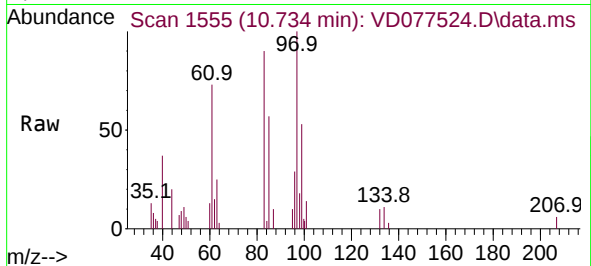




#45
1,1,2-Trichloroethane
Concen: 2.435 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

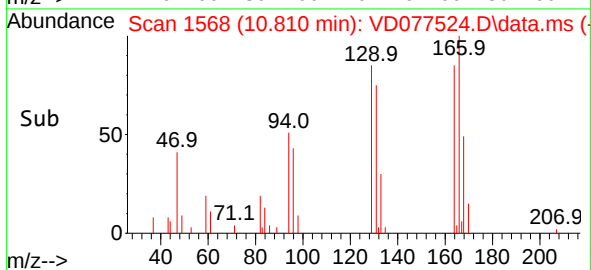
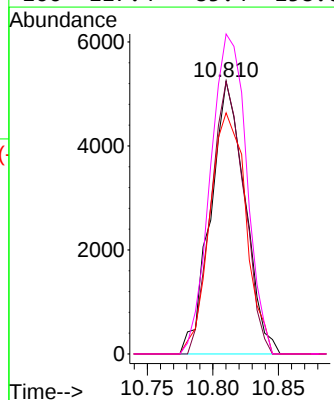
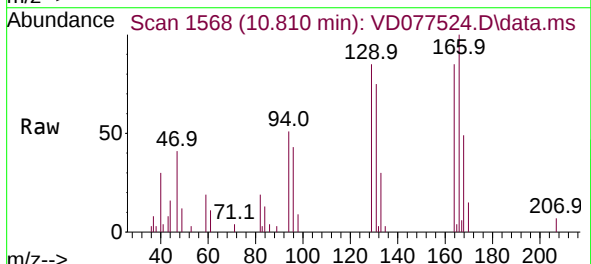
Instrument :
MSVOA_D
ClientSampleId :

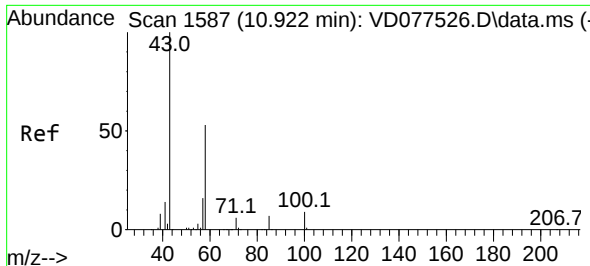
Tgt Ion: 97	Resp: 9210
Ion Ratio	Lower Upper
97 100	
99 53.0	43.5 80.7
83 90.1	63.1 117.3
85 57.2	42.4 78.8



#46
Tetrachloroethene
Concen: 2.358 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt	Ion:164	Resp:	9567
Ion	Ratio	Lower	Upper
164	100		
129	99.9	60.6	112.6
131	88.5	61.6	114.4
166	117.4	85.4	158.6

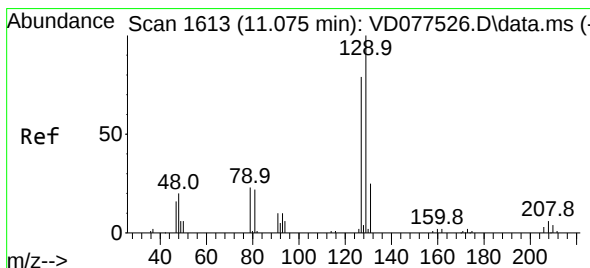
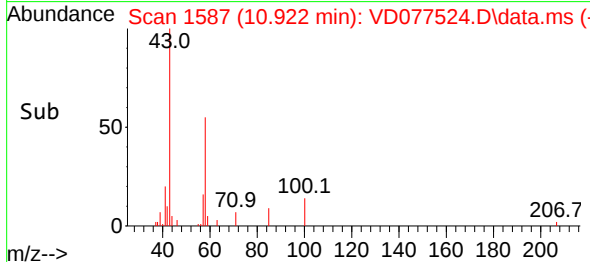
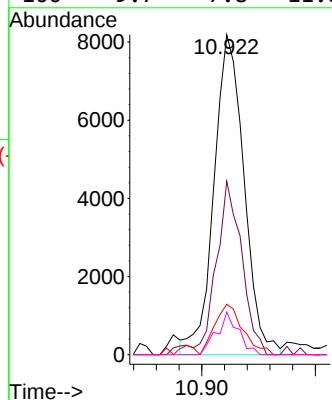
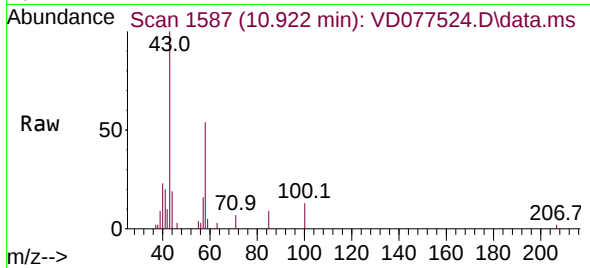




#48
2-Hexanone
Concen: 5.033 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

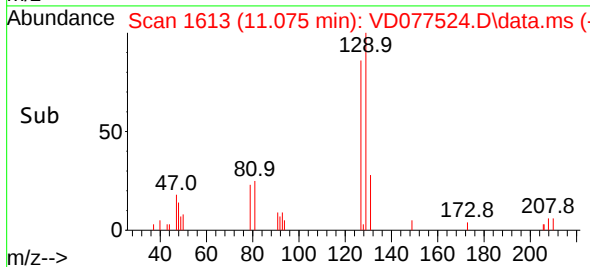
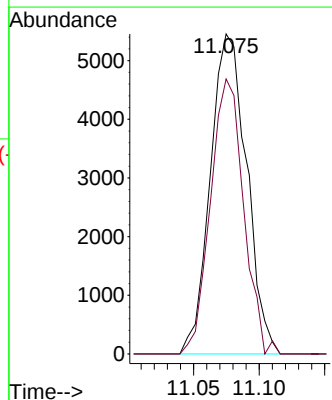
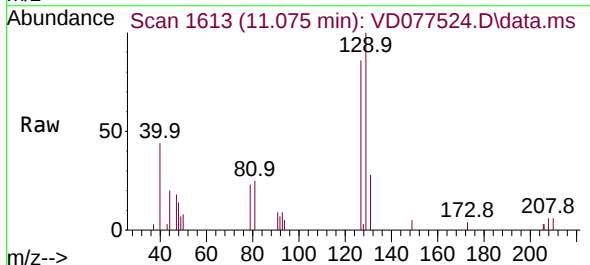
Instrument :
MSVOA_D
ClientSampleId :

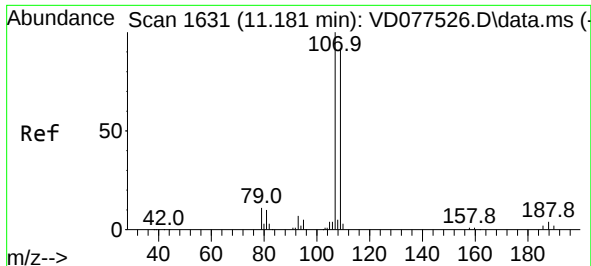
Tgt Ion: 43	Resp: 15041
Ion Ratio	Lower Upper
43 100	
58 45.4	40.8 61.2
57 14.8	13.7 20.5
100 9.7	7.8 11.8



#49
Dibromochloromethane
Concen: 2.440 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion:129	Resp:	10483	
Ion	Ratio	Lower	Upper
129	100		
127	86.0	54.9	102.1

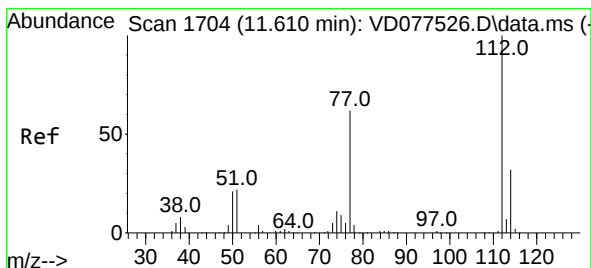
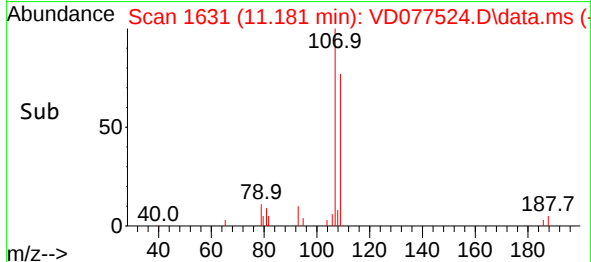
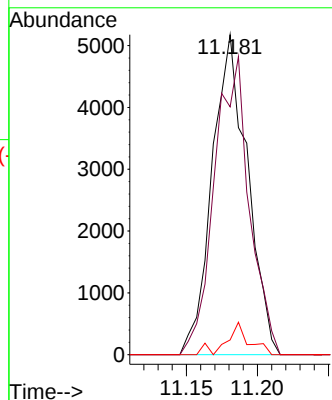
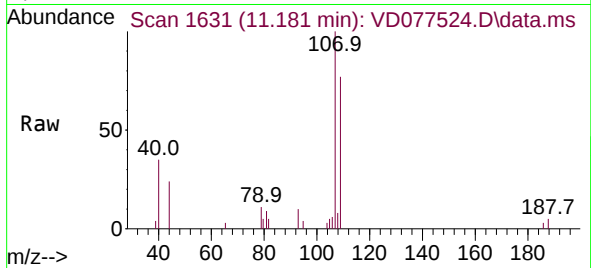




#50
1,2-Dibromoethane
Concen: 2.477 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

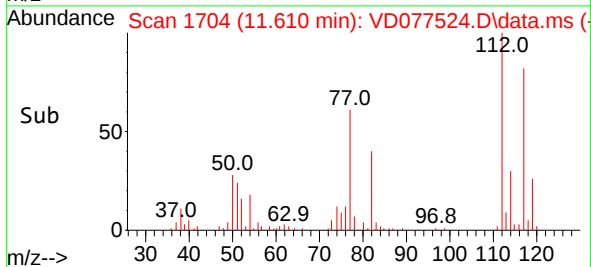
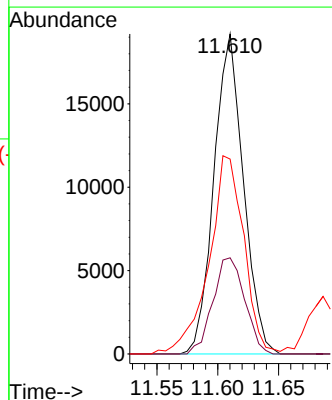
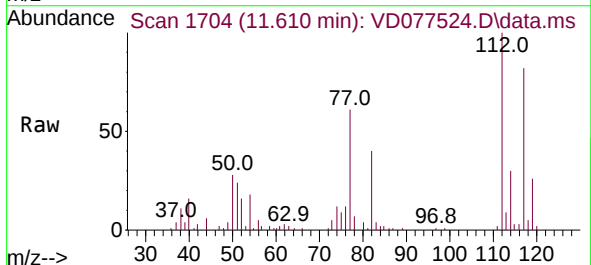
Instrument :
MSVOA_D
ClientSampleId :

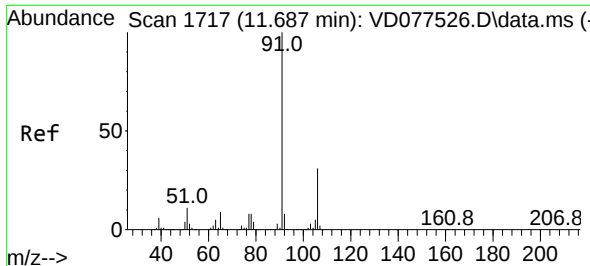
Tgt Ion:107 Resp: 8958
Ion Ratio Lower Upper
107 100
109 77.5 64.8 120.3
188 4.6 3.2 4.8



#51
Chlorobenzene
Concen: 2.360 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion:112 Resp: 32299
Ion Ratio Lower Upper
112 100
114 30.0 22.4 41.6
77 60.9 49.6 74.4

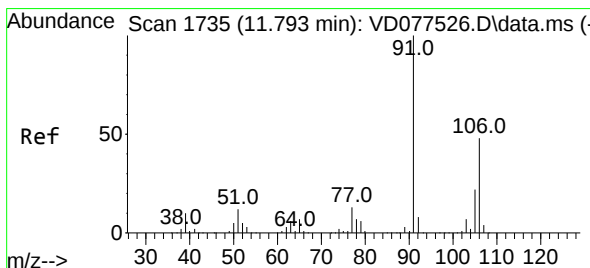
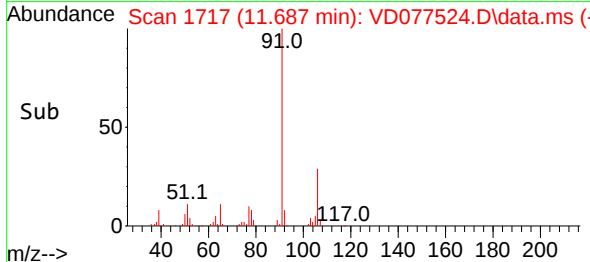
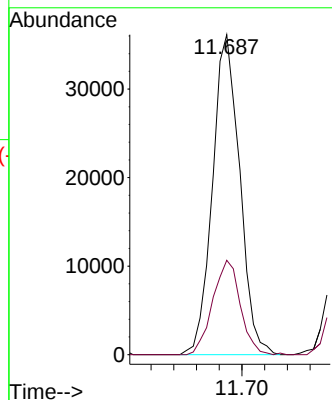
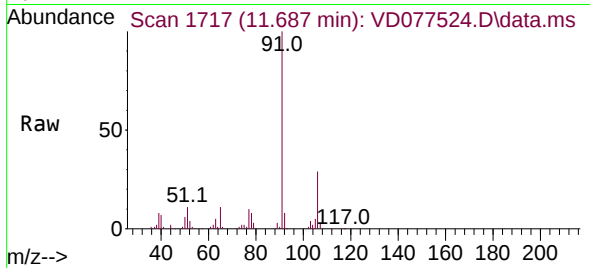




#52
Ethylbenzene
Concen: 2.339 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

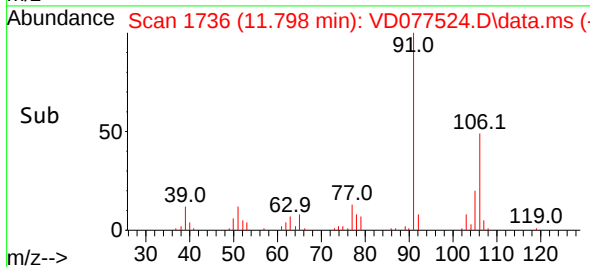
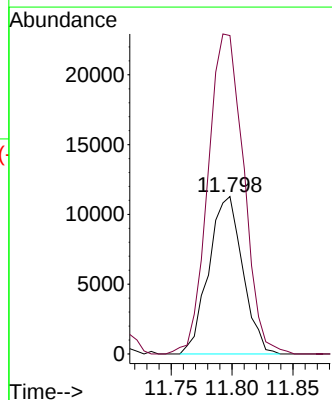
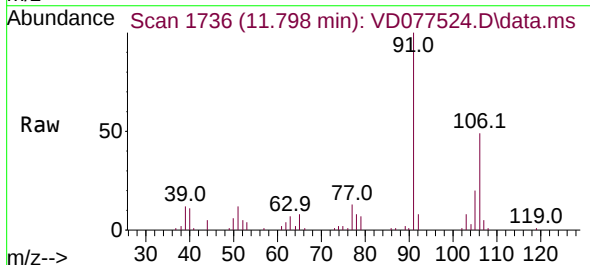
Instrument :
MSVOA_D
ClientSampleId :

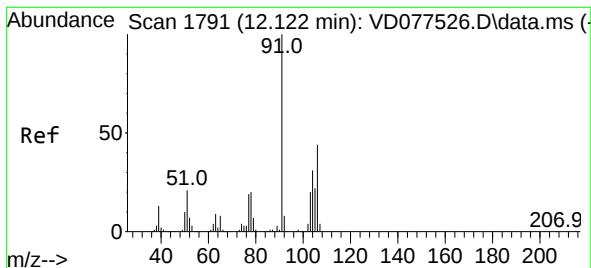
Tgt Ion: 91 Resp: 60136
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 2.346 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion: 106 Resp: 21943
Ion Ratio Lower Upper
106 100
91 202.3 146.7 272.4





#54

o-Xylene

Concen: 2.320 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

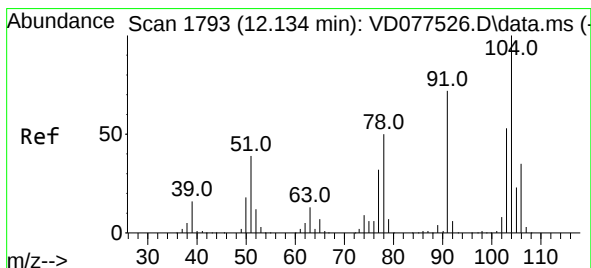
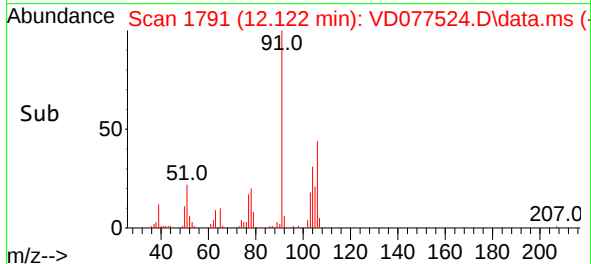
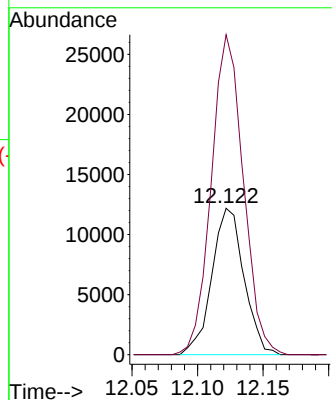
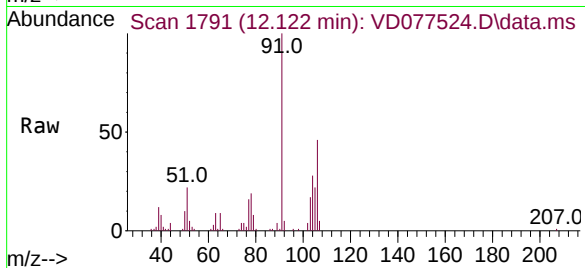
ClientSampleId :

Tgt Ion:106 Resp: 20791

Ion Ratio Lower Upper

106 100

91 218.5 158.5 294.4



#55

Styrene

Concen: 2.256 ug/L

RT: 12.139 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD077524.D

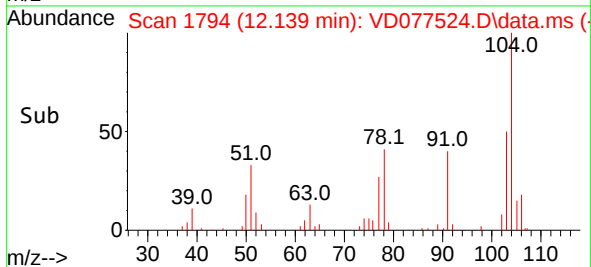
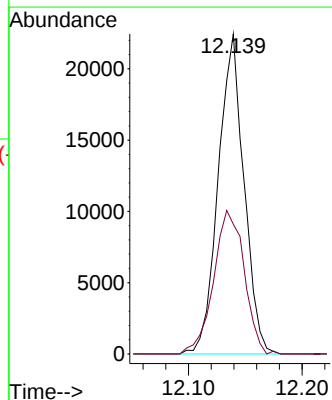
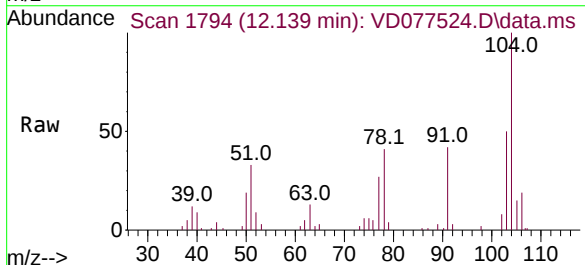
Acq: 09 Nov 2023 08:52

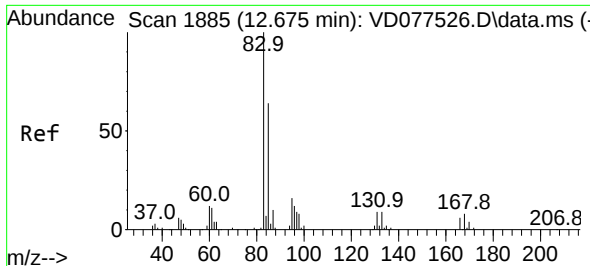
Tgt Ion:104 Resp: 35288

Ion Ratio Lower Upper

104 100

78 40.6 34.9 64.9





#57

1,1,2,2-Tetrachloroethane

Concen: 2.490 ug/L

RT: 12.681 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :

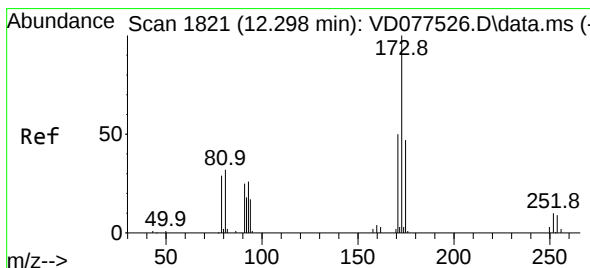
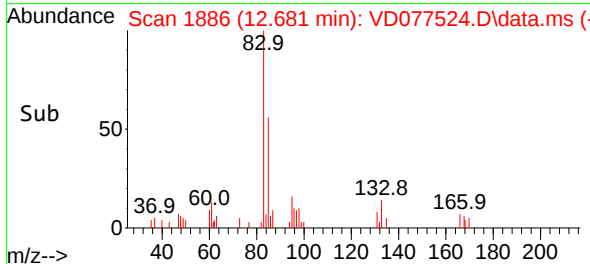
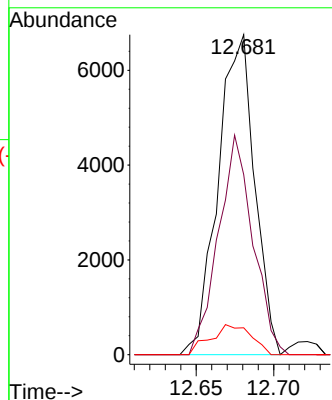
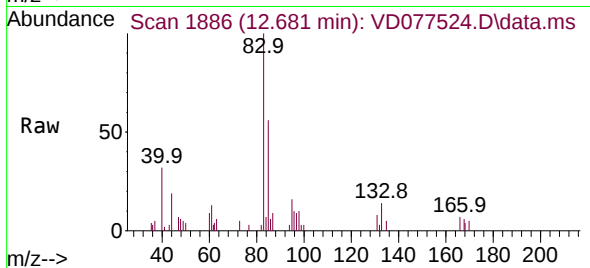
Tgt Ion: 83 Resp: 11093

Ion Ratio Lower Upper

83 100

85 56.3 44.9 83.3

131 8.4 7.2 10.8



#59

Bromoform

Concen: 2.609 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

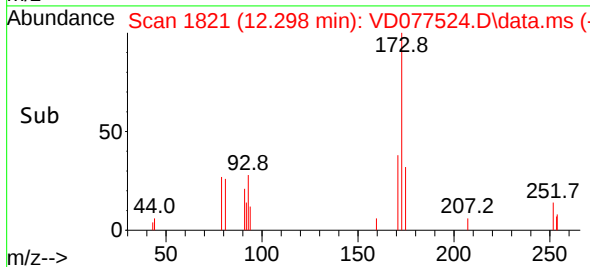
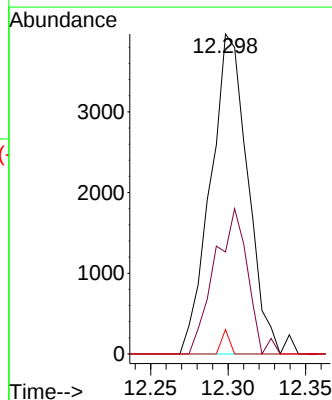
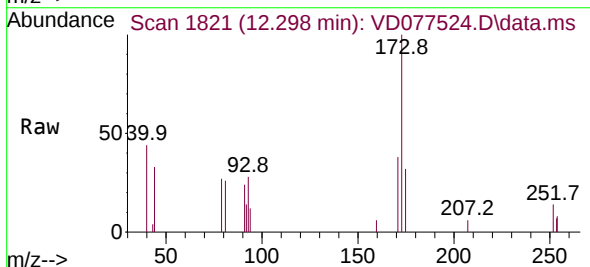
Tgt Ion:173 Resp: 6582

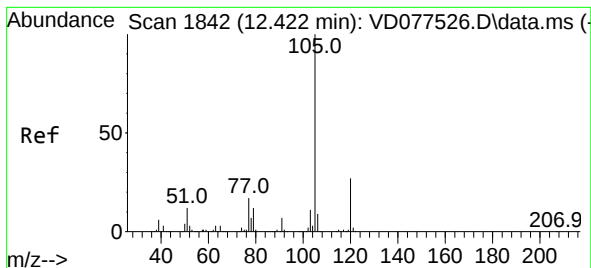
Ion Ratio Lower Upper

173 100

175 39.6 38.2 57.2

254 0.0 7.1 10.7#





#60

Isopropylbenzene

Concen: 2.357 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077524.D

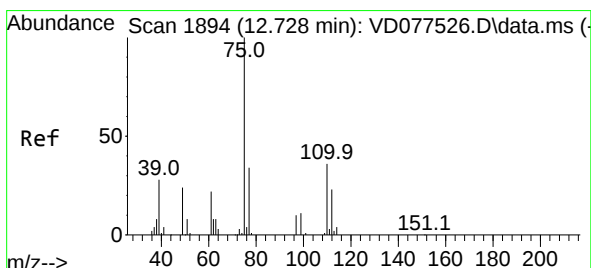
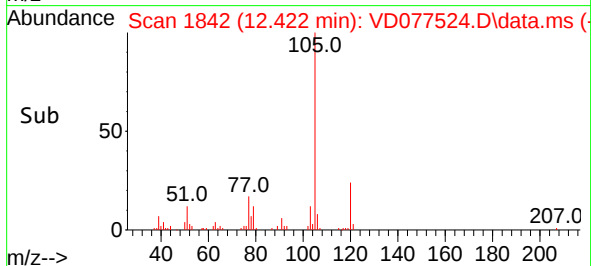
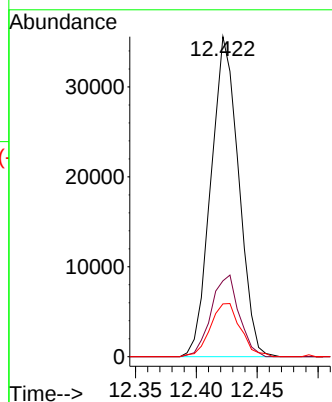
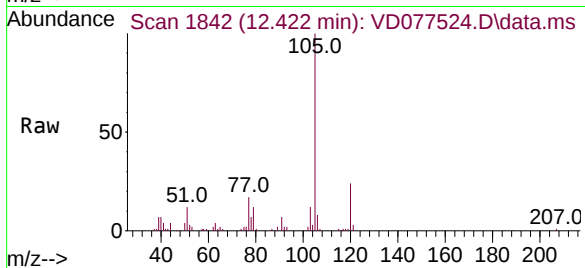
Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	56404
Ion Ratio	Lower	Upper	
105	100		
120	25.6	21.0	31.4
77	18.1	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 2.592 ug/L

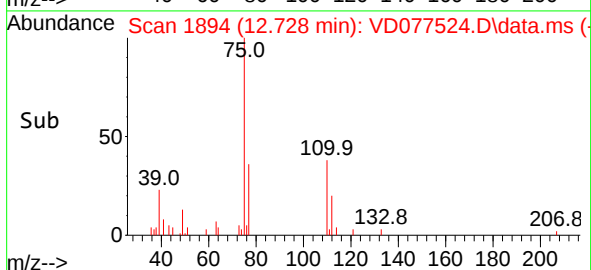
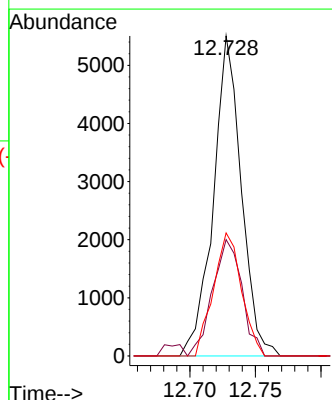
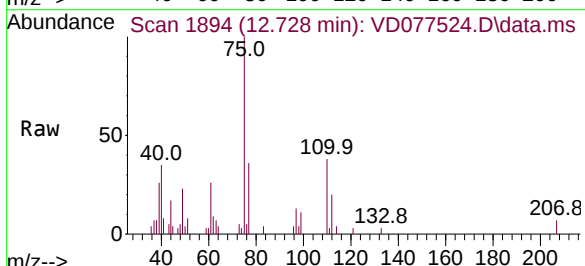
RT: 12.728 min Scan# 1894

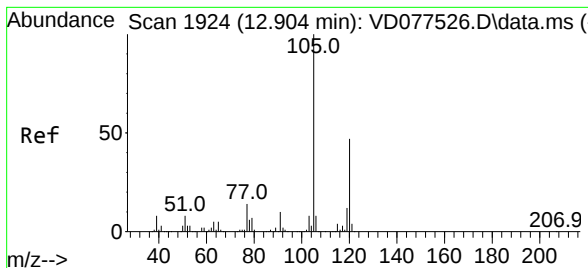
Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Tgt Ion:	75	Resp:	8167
Ion Ratio	Lower	Upper	
75	100		
77	38.1	25.6	38.4
110	38.6	29.6	44.4

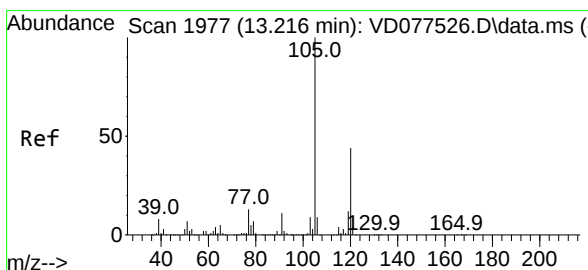
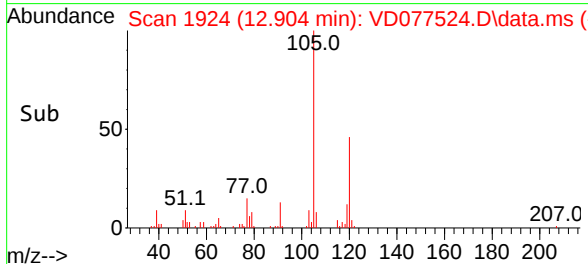
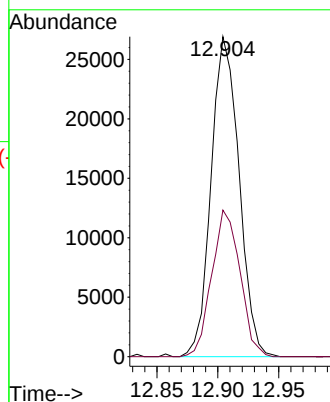
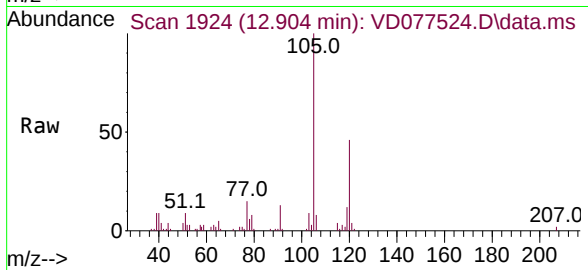




#62
 1,3,5-Trimethylbenzene
 Concen: 2.365 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

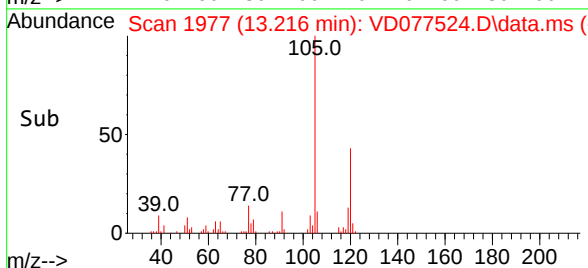
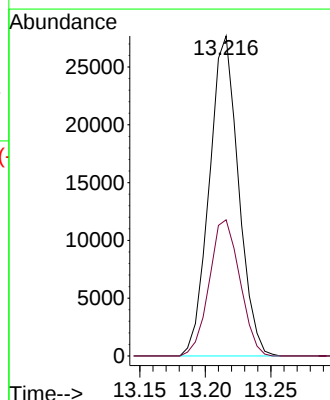
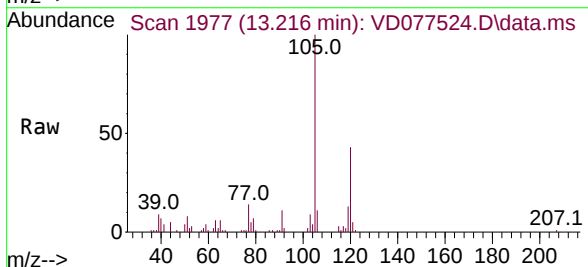
Instrument :
 MSVOA_D
 ClientSampleId :

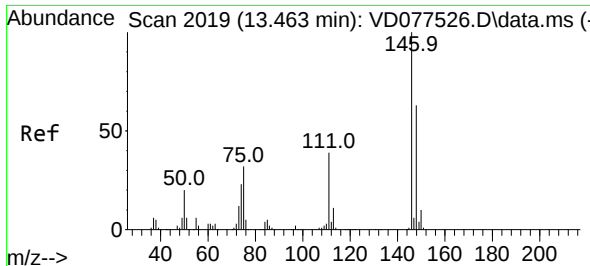
Tgt Ion:105 Resp: 42957
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 2.331 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Tgt Ion:105 Resp: 42881
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.6 53.4

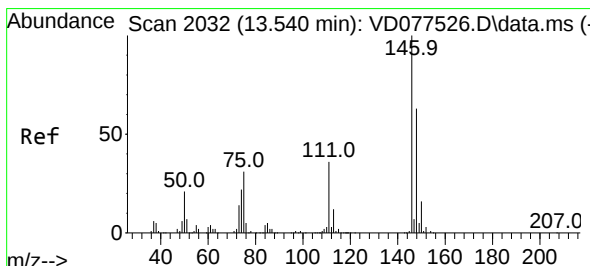
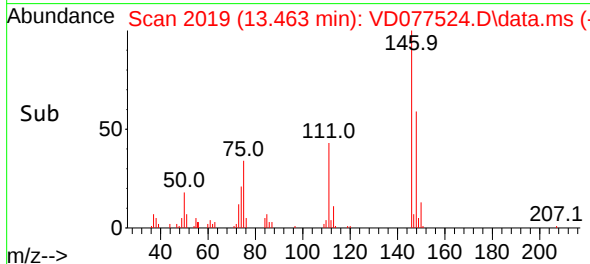
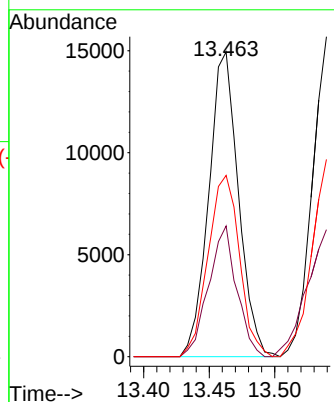
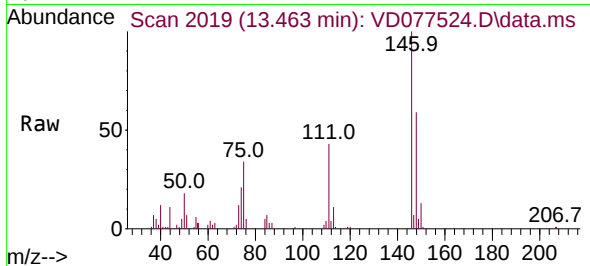




#64
1,3-Dichlorobenzene
Concen: 2.403 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

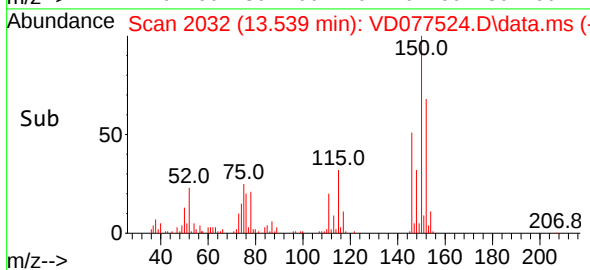
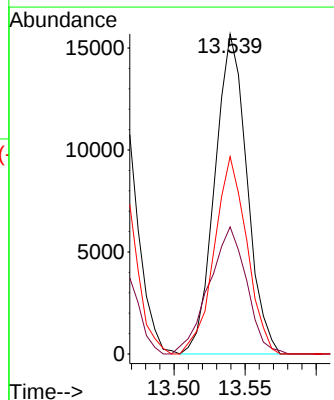
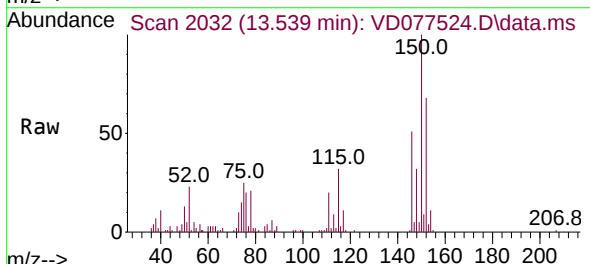
Instrument :
MSVOA_D
ClientSampleId :

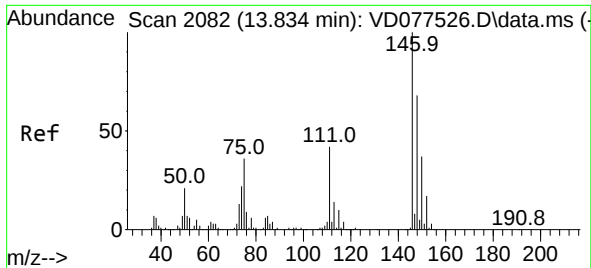
Tgt Ion:146 Resp: 23588
Ion Ratio Lower Upper
146 100
111 42.9 27.2 50.6
148 59.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.486 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077524.D
Acq: 09 Nov 2023 08:52

Tgt Ion:146 Resp: 24630
Ion Ratio Lower Upper
146 100
111 39.7 25.6 47.4
148 61.7 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 2.449 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

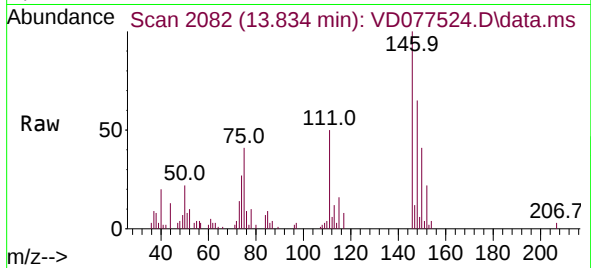
Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

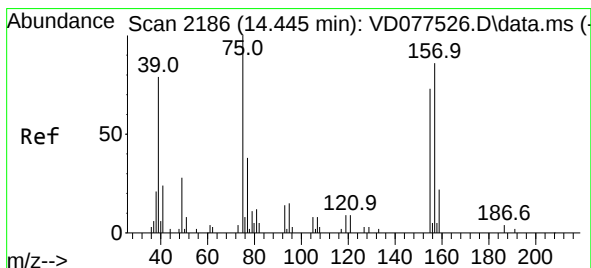
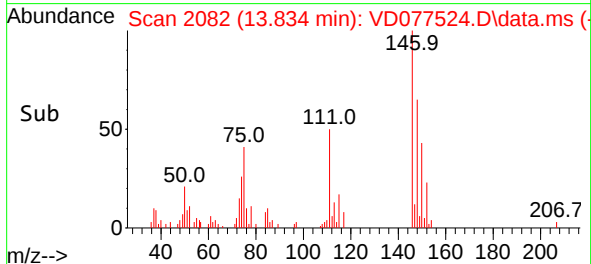
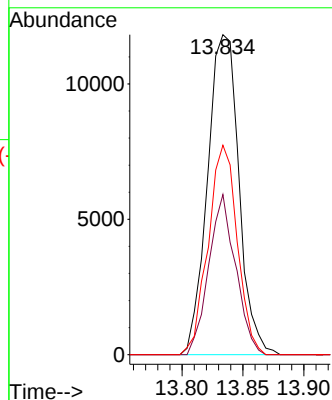
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	21260
Ion	Ratio	Lower	Upper
146	100		
111	50.1	33.8	50.6
148	65.5	54.3	81.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.880 ug/L

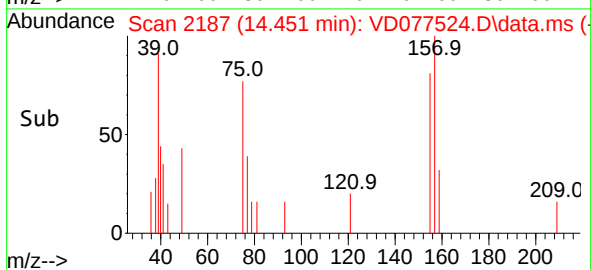
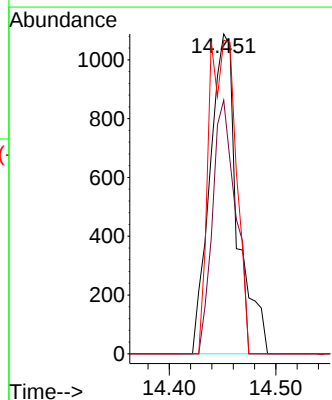
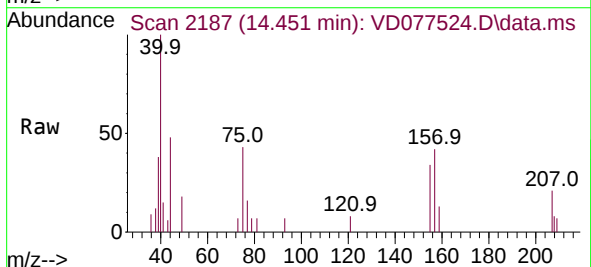
RT: 14.451 min Scan# 2187

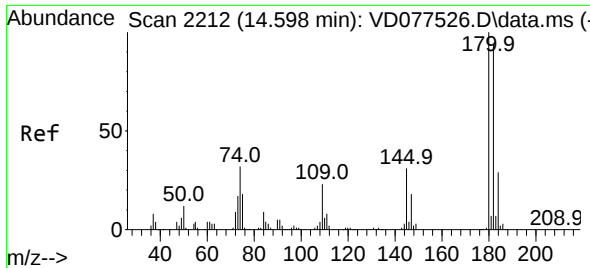
Delta R.T. 0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

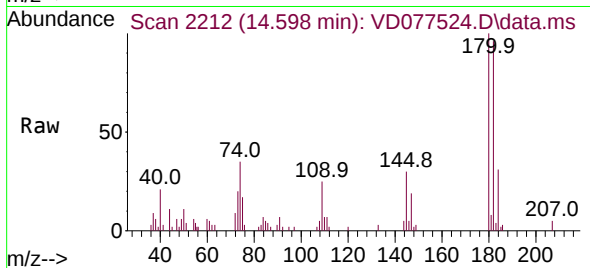
Tgt Ion:	75	Resp:	1974
Ion	Ratio	Lower	Upper
75	100		
155	79.3	58.2	87.2
157	98.1	68.7	103.1



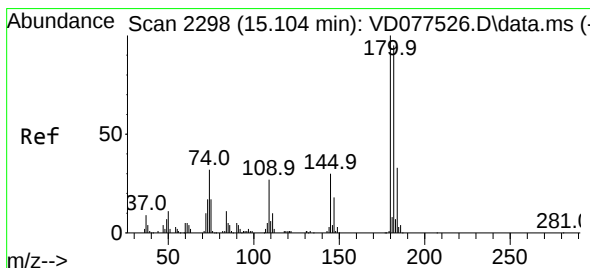
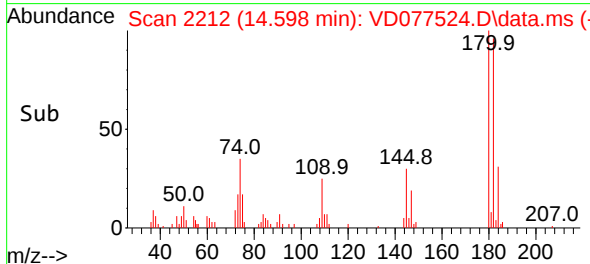
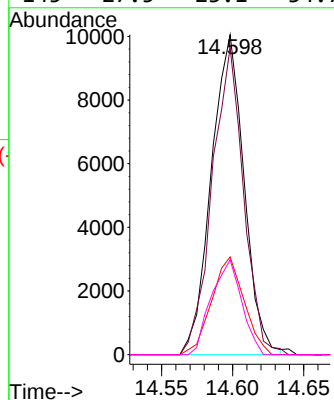


#69
 1,3,5-Trichlorobenzene
 Concen: 2.411 ug/L
 RT: 14.598 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Instrument :
 MSVOA_D
 ClientSampleId :

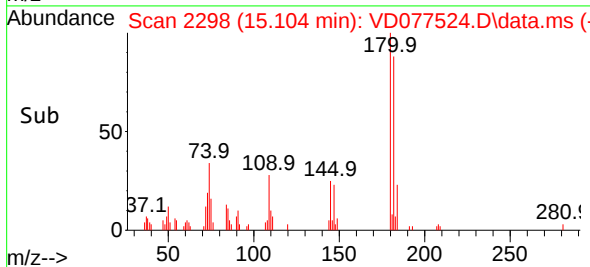
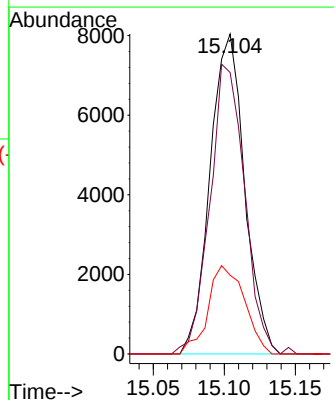
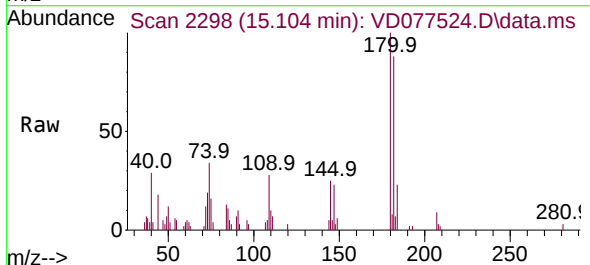


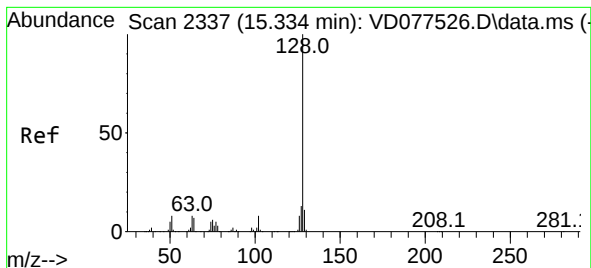
Tgt Ion:	180	Resp:	16115
Ion Ratio	Lower	Upper	
180	100		
182	91.3	76.1	114.1
184	30.3	24.0	36.0
145	27.5	23.1	34.7



#70
 1,2,4-trichlorobenzene
 Concen: 2.416 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077524.D
 Acq: 09 Nov 2023 08:52

Tgt Ion:	180	Resp:	13612
Ion Ratio	Lower	Upper	
180	100		
182	90.5	75.8	113.6
145	29.1	24.1	36.1





#71

Naphthalene

Concen: 2.373 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Instrument :

MSVOA_D

ClientSampleId :

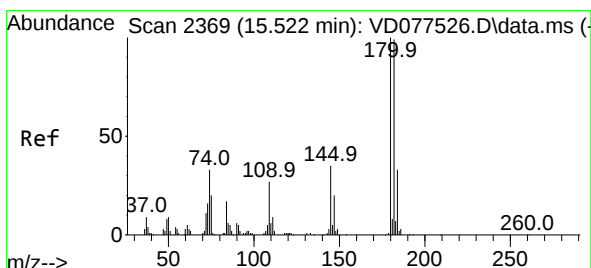
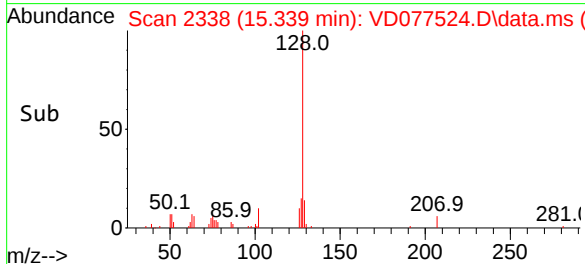
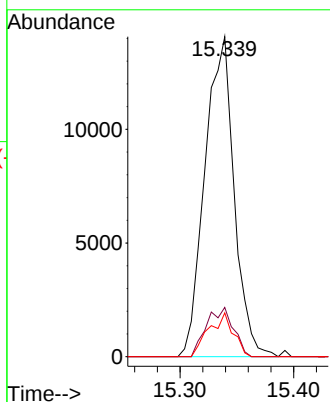
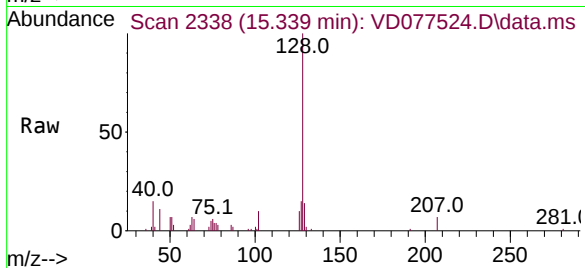
Tgt Ion:128 Resp: 25198

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

129 5.6 9.0 13.6#



#72

1,2,3-Trichlorobenzene

Concen: 2.370 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077524.D

Acq: 09 Nov 2023 08:52

Tgt Ion:180 Resp: 11383

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

145 33.7 26.0 39.0

