

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027741.D
 Acq On : 06 Sep 2022 14:39
 Operator : SY/MD
 Sample : VSTD00128
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001228

Quant Time: Sep 07 05:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	11640	0.630	ug/L	0.00
7) Chloroethane-d5	1.561	69	9351	0.598	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	23584	0.629	ug/L	0.00
20) 2-Butanone-d5	3.937	46	6721	1.979	ug/L	0.00
24) Chloroform-d	4.349	84	20496	0.540	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	10062	0.579	ug/L	0.00
32) Benzene-d6	5.047	84	36842	0.520	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.072	67	10812	0.486	ug/L	0.00
41) Toluene-d8	7.317	98	31598	0.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3628	0.540	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	11564	4.595	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6985	0.501	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10598	0.586	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	14973	0.631	ug/L	100
3) Chloromethane	1.240	50	14476	0.642	ug/L	97
5) Vinyl chloride	1.307	62	13354	0.616	ug/L	97
6) Bromomethane	1.516	94	7261	0.700	ug/L	99
8) Chloroethane	1.580	64	7688	0.627	ug/L	97
9) Trichlorofluoromethane	1.744	101	21352	0.709	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	10604	0.652	ug/L	98
12) 1,1-Dichloroethene	2.111	96	10474	0.694	ug/L	93
13) Acetone	2.188	43	6369	2.781	ug/L	99
14) Carbon disulfide	2.285	76	29592	0.625	ug/L	99
15) Methyl Acetate	2.449	43	3522	0.566	ug/L	94
16) Methylene chloride	2.503	84	13488	0.728	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	20012	0.610	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	9687	0.580	ug/L	91
19) 1,1-Dichloroethane	3.185	63	18489	0.565	ug/L	97
21) 2-Butanone	4.024	43	7478	2.396	ug/L	88
22) cis-1,2-Dichloroethene	3.912	96	9544	0.558	ug/L #	97
23) Bromochloromethane	4.249	128	4377	0.591	ug/L	88
25) Chloroform	4.371	83	21635	0.623	ug/L	97
27) 1,2-Dichloroethane	5.133	62	10258	0.528	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	18846	0.608	ug/L	96
30) Cyclohexane	4.670	56	12356	0.473	ug/L	95
31) Carbon tetrachloride	4.822	117	15573	0.588	ug/L	97
33) Benzene	5.098	78	35415	0.517	ug/L	100
34) Trichloroethene	5.915	95	9518	0.553	ug/L	94
35) Methylcyclohexane	6.127	83	14123	0.529	ug/L	99
37) 1,2-Dichloropropane	6.175	63	8853	0.508	ug/L	97
38) Bromodichloromethane	6.513	83	12649	0.573	ug/L	92
39) cis-1,3-Dichloropropene	7.034	75	11509	0.549	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	35467	4.697	ug/L	95
42) Toluene	7.387	91	35671	0.525	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	9059	0.530	ug/L	88

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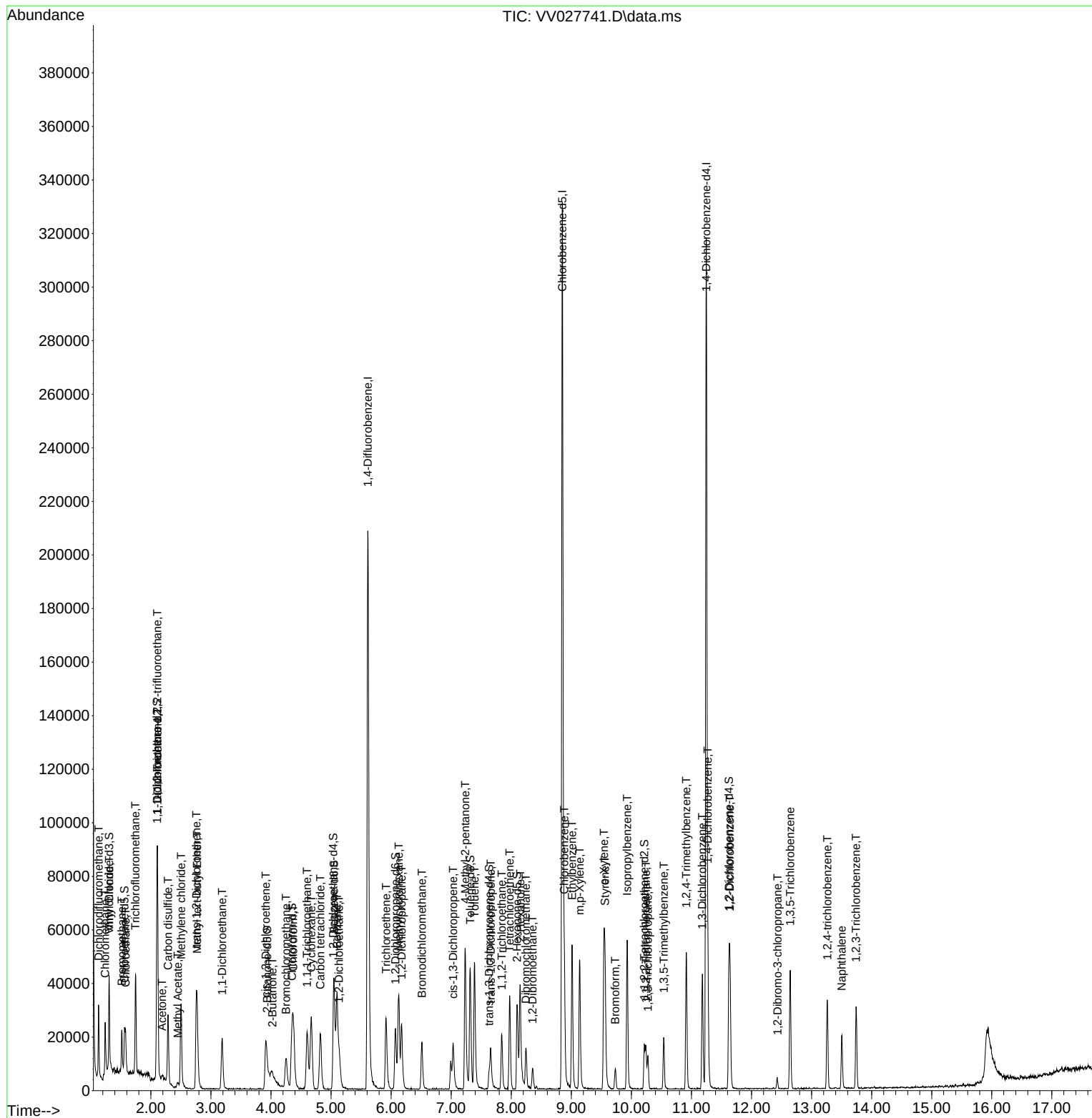
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	6649	0.600	ug/L	90
47) Tetrachloroethene	7.976	164	8147	0.594	ug/L	93
48) 2-Hexanone	8.149	43	25157	4.440	ug/L	98
49) Dibromochloromethane	8.243	129	7589	0.574	ug/L	92
50) 1,2-Dibromoethane	8.352	107	5666	0.569	ug/L	99
51) Chlorobenzene	8.882	112	25702	0.595	ug/L	96
52) Ethylbenzene	9.011	91	38059	0.549	ug/L	97
53) m,p-Xylene	9.140	106	14561	0.543	ug/L	90
54) o-Xylene	9.545	106	14477	0.566	ug/L	96
55) Styrene	9.561	104	22199	0.510	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	7134	0.586	ug/L	98
59) Bromoform	9.731	173	3660	0.627	ug/L	95
60) Isopropylbenzene	9.931	105	35368	0.568	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4882	0.602	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	10918	0.634	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	28466	0.582	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	17991	0.602	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	17570	0.589	ug/L	92
67) 1,2-Dichlorobenzene	11.641	146	16559	0.615	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	920	0.565	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	14086	0.649	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	10969	0.680	ug/L	95
71) Naphthalene	13.503	128	16397	0.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	9745	0.669	ug/L	97

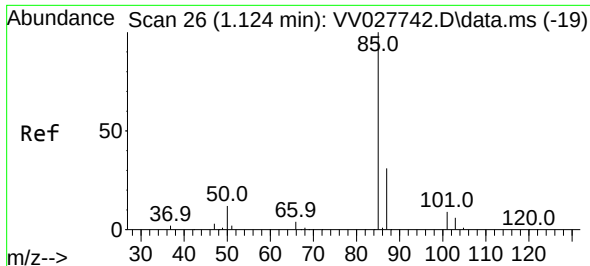
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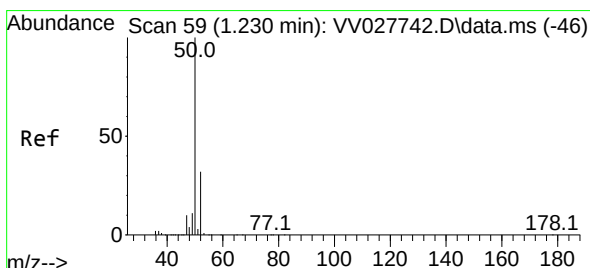
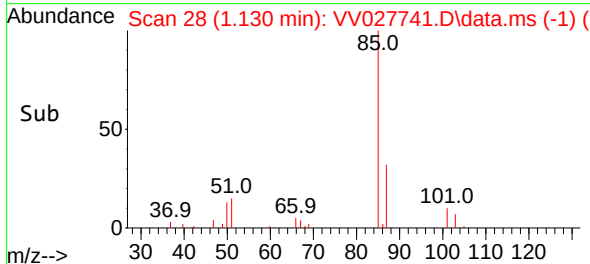
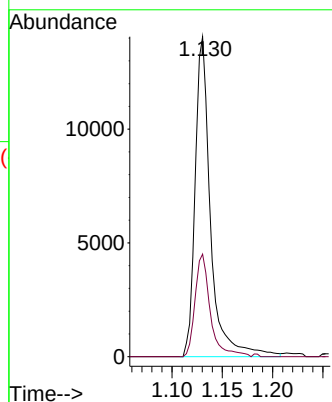
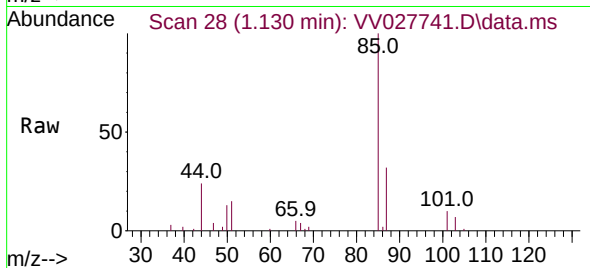




#2
Dichlorodifluoromethane
Concen: 0.631 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

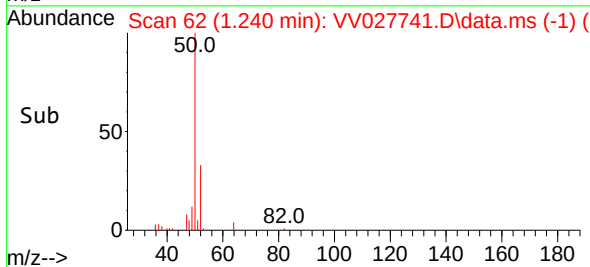
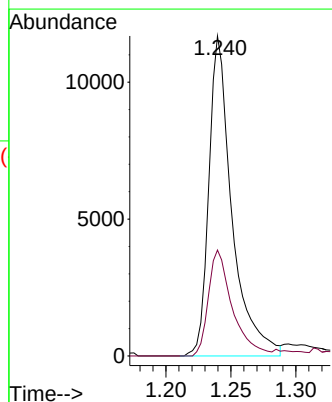
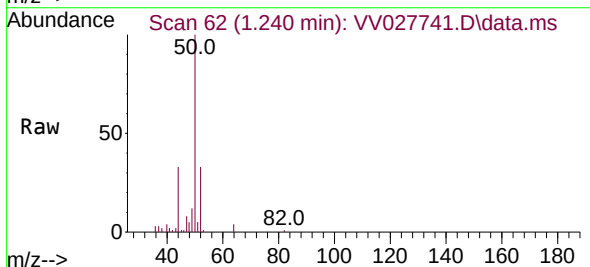
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ClientSampleId :
VSTD001228

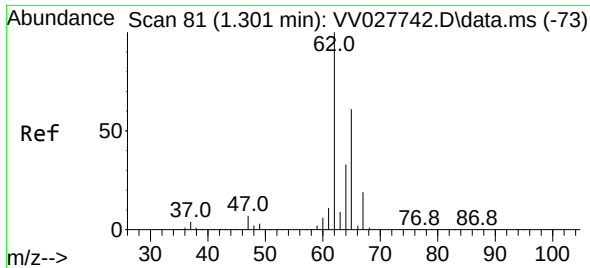
Tgt Ion: 85 Resp: 14973
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.0



#3
Chloromethane
Concen: 0.642 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.010 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion: 50 Resp: 14476
Ion Ratio Lower Upper
50 100
52 33.1 22.1 41.1

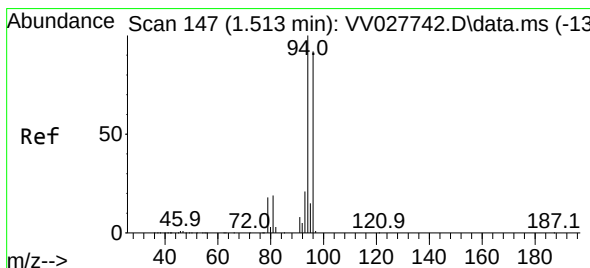
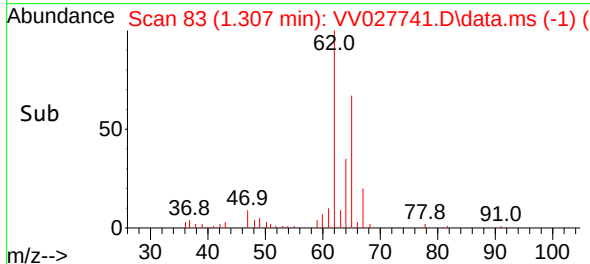
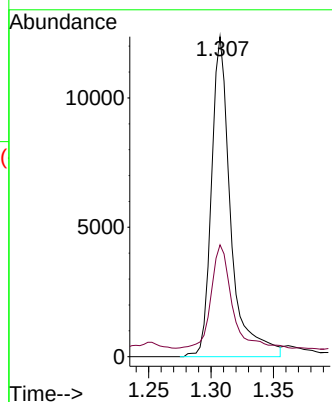
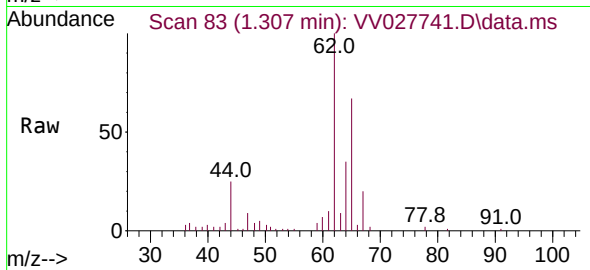




#5
 Vinyl chloride
 Concen: 0.616 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

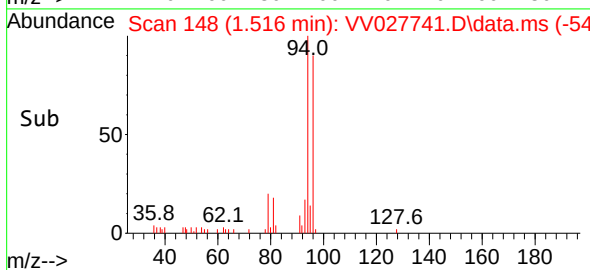
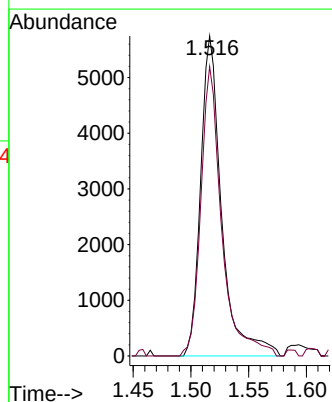
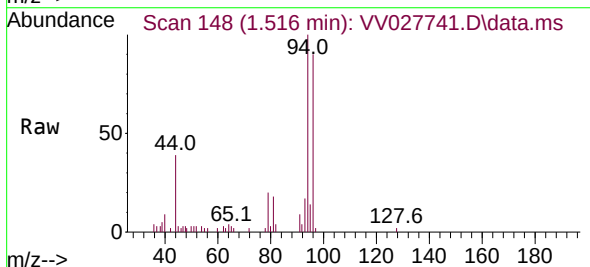
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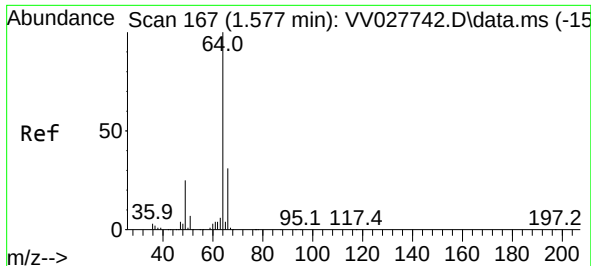
Tgt Ion: 62 Resp: 13354
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.2 43.2



#6
 Bromomethane
 Concen: 0.700 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

Tgt Ion: 94 Resp: 7261
 Ion Ratio Lower Upper
 94 100
 96 90.4 64.2 119.2

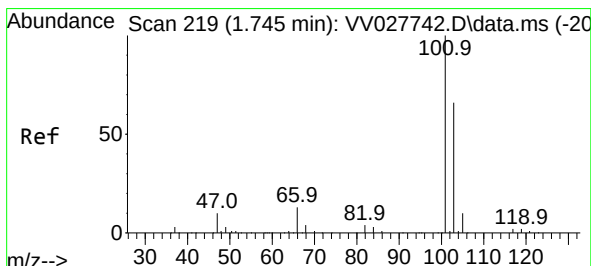
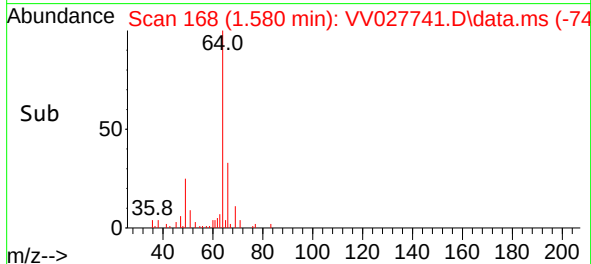
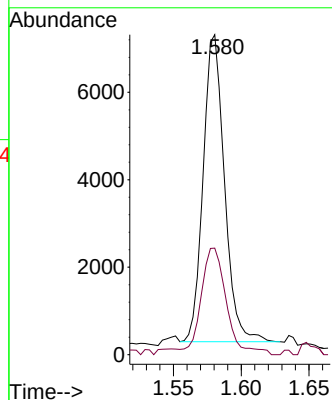
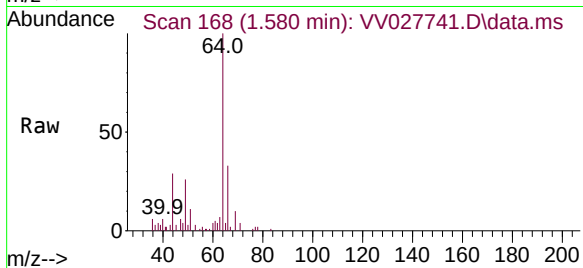




#8
Chloroethane
Concen: 0.627 ug/L
RT: 1.580 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

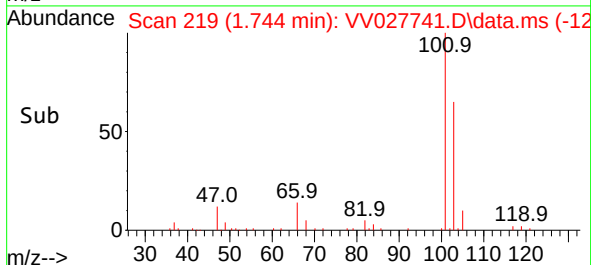
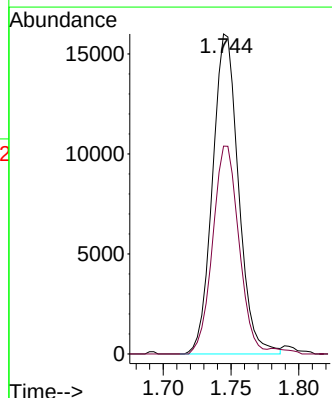
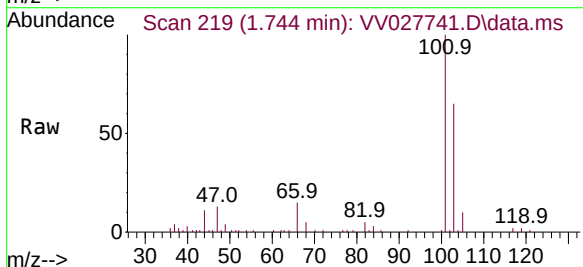
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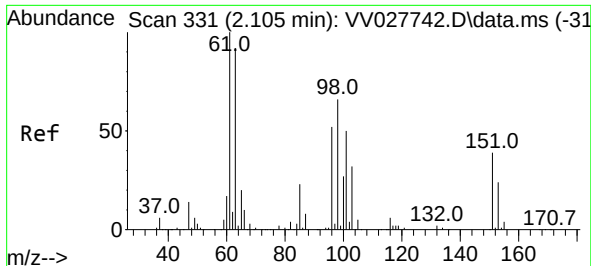
Tgt Ion: 64 Resp: 7688
Ion Ratio Lower Upper
64 100
66 33.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.709 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion: 101 Resp: 21352
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

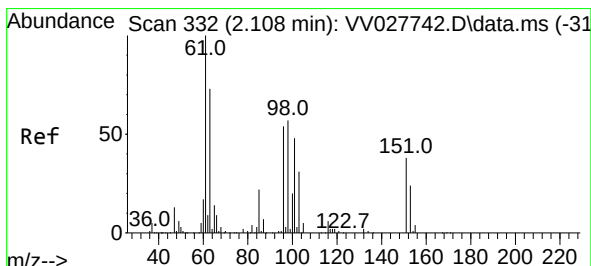
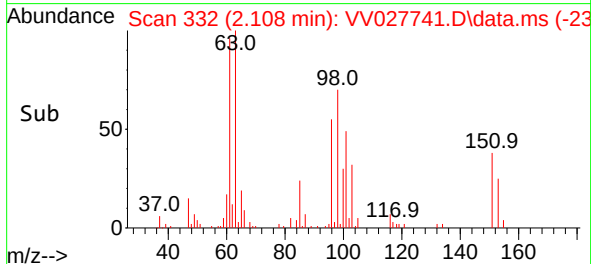
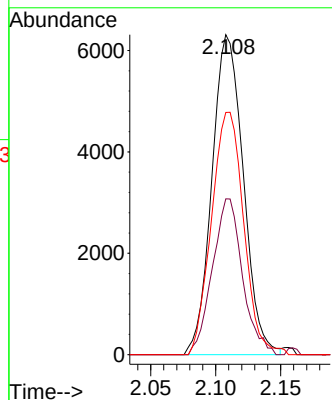
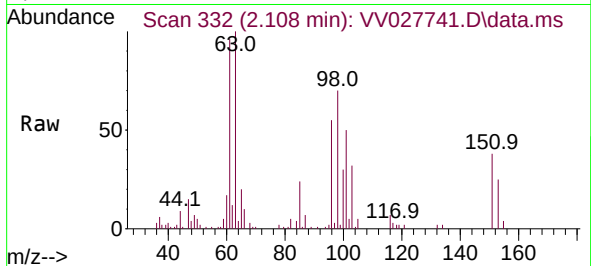




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.652 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

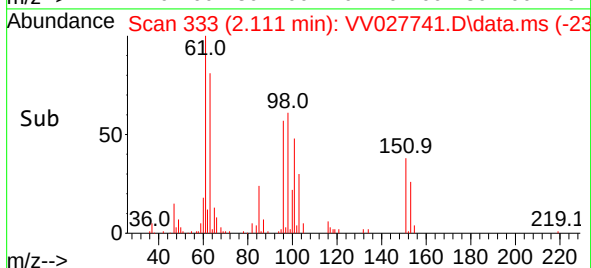
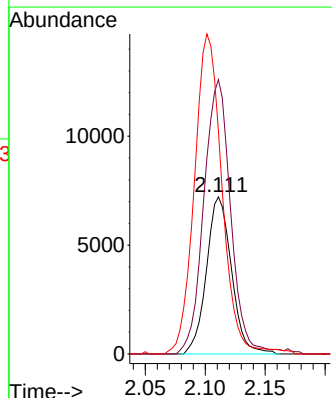
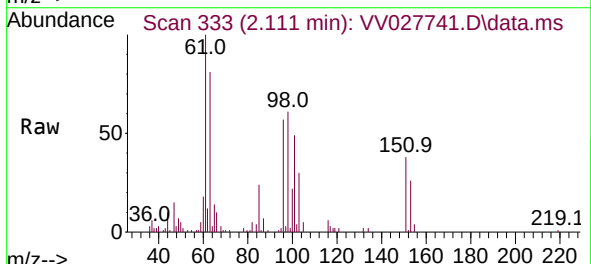
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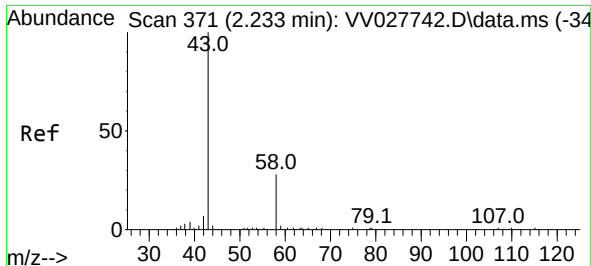
Tgt Ion:101 Resp: 10604
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.8 53.8
 151 77.7 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 0.694 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

Tgt Ion: 96 Resp: 10474
 Ion Ratio Lower Upper
 96 100
 61 174.6 129.9 241.3
 63 141.8 94.6 175.8





#13

Acetone

Concen: 2.781 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.045 min

Lab File: VV027741.D

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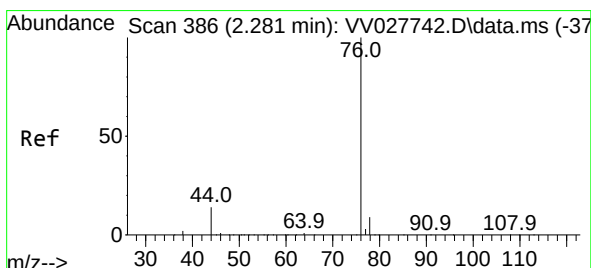
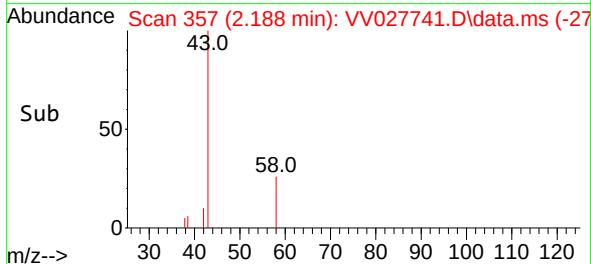
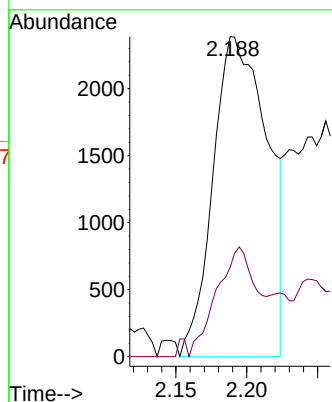
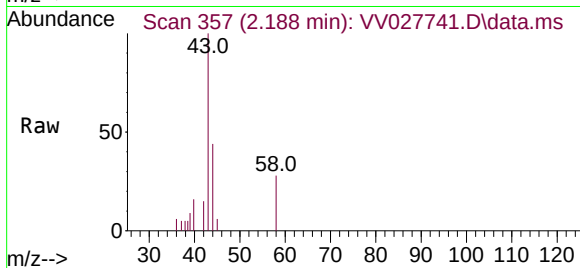
VSTD001228

Tgt Ion: 43 Resp: 6369

Ion Ratio Lower Upper

43 100

58 25.4 0.0 49.4



#14

Carbon disulfide

Concen: 0.625 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.003 min

Lab File: VV027741.D

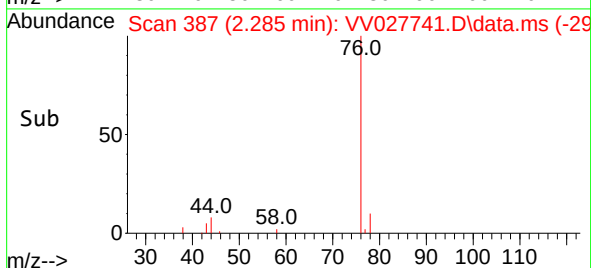
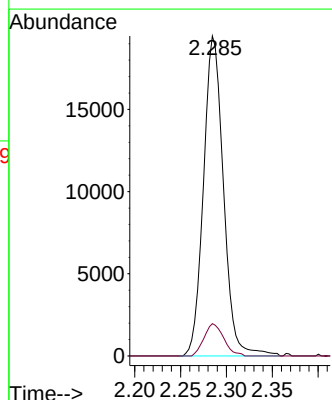
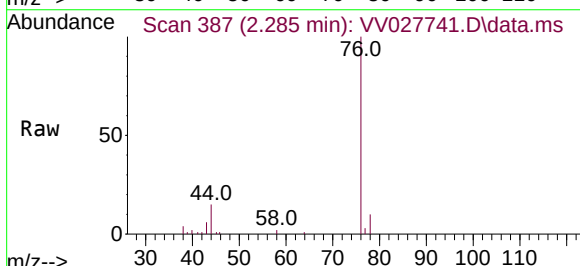
Acq: 06 Sep 2022 14:39

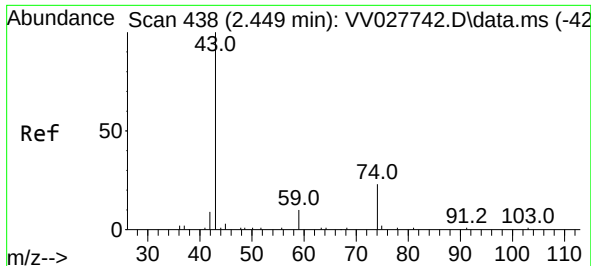
Tgt Ion: 76 Resp: 29592

Ion Ratio Lower Upper

76 100

78 10.1 7.7 11.5

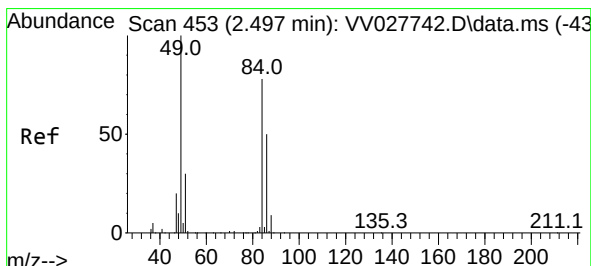
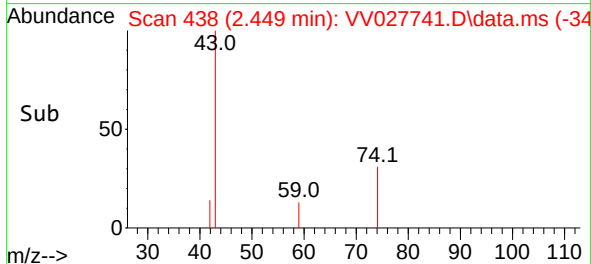
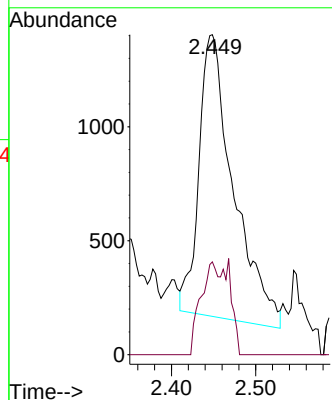
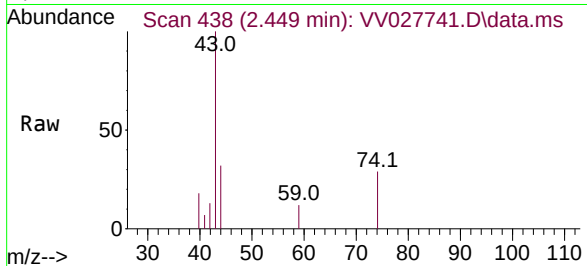




#15
Methyl Acetate
Concen: 0.566 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

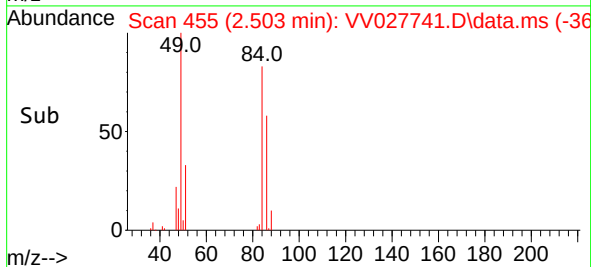
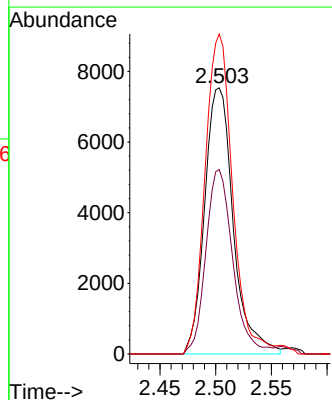
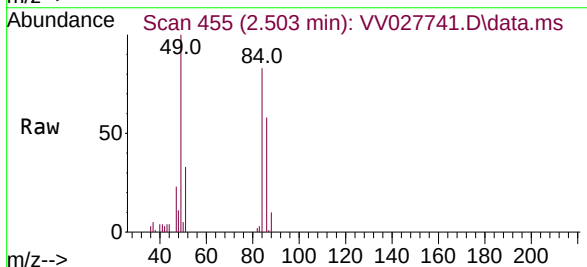
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

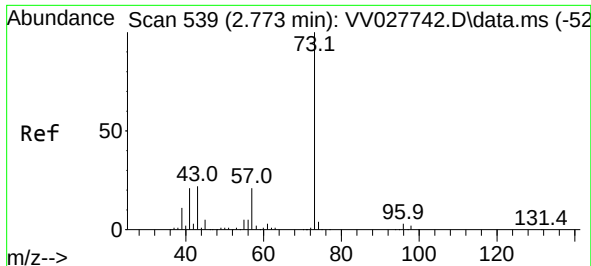
Tgt Ion: 43 Resp: 3522
Ion Ratio Lower Upper
43 100
74 18.1 16.6 25.0



#16
Methylene chloride
Concen: 0.728 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion: 84 Resp: 13488
Ion Ratio Lower Upper
84 100
86 69.3 44.9 83.3
49 120.3 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 0.610 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

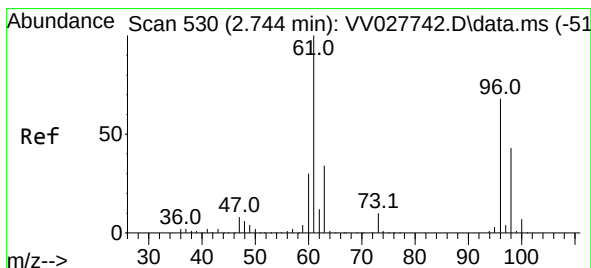
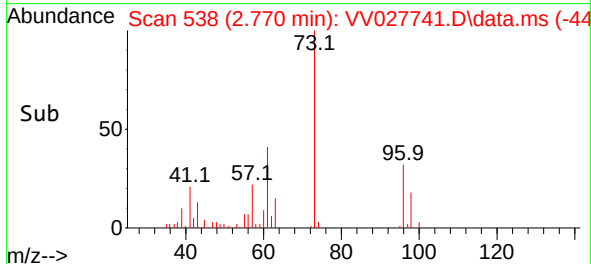
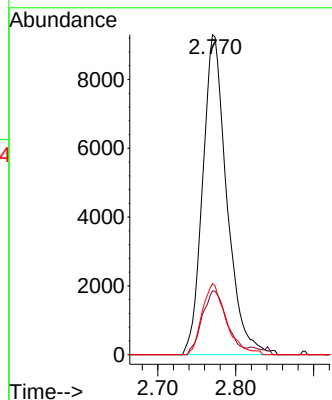
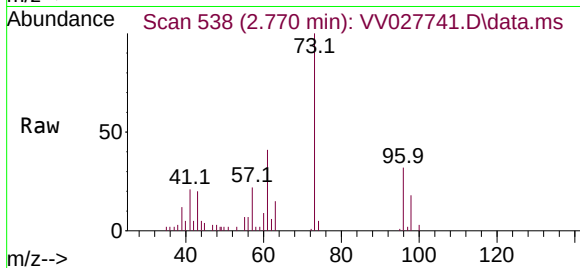
Tgt Ion: 73 Resp: 20012

Ion Ratio Lower Upper

73 100

43 20.3 17.5 26.3

57 22.2 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.580 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.013 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

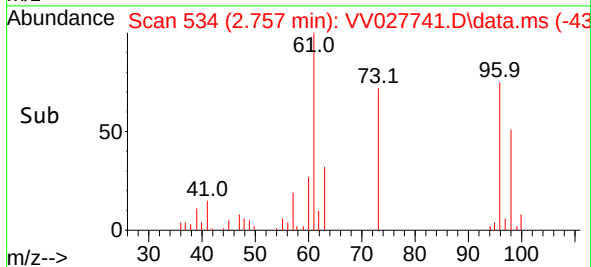
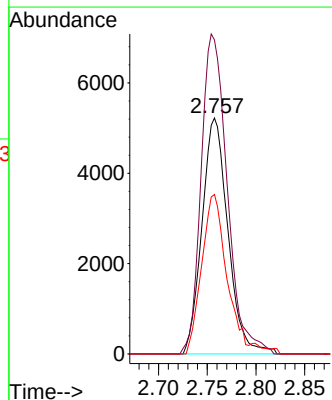
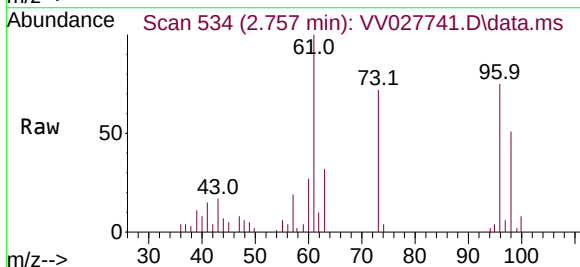
Tgt Ion: 96 Resp: 9687

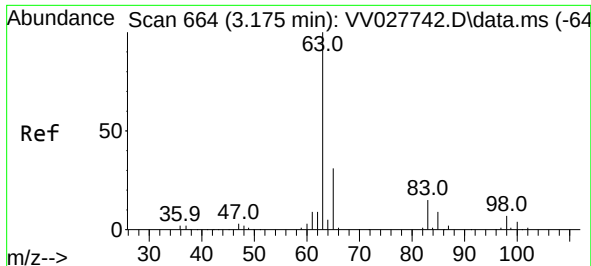
Ion Ratio Lower Upper

96 100

61 133.1 102.6 190.5

98 67.6 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.565 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

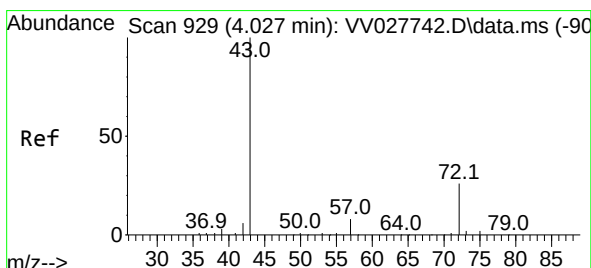
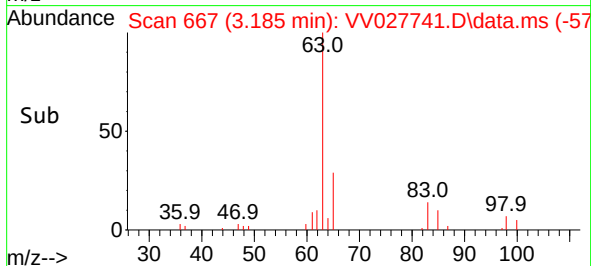
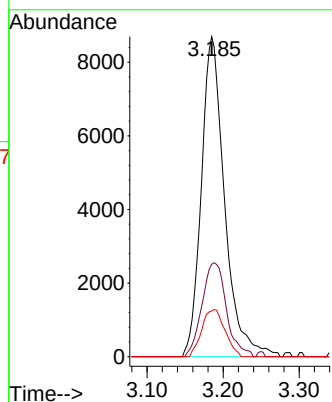
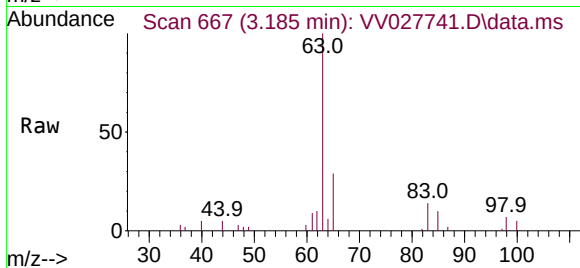
Tgt Ion: 63 Resp: 18489

Ion Ratio Lower Upper

63 100

65 28.9 22.0 41.0

83 14.2 10.1 18.9



#21

2-Butanone

Concen: 2.396 ug/L

RT: 4.024 min Scan# 928

Delta R.T. -0.003 min

Lab File: VV027741.D

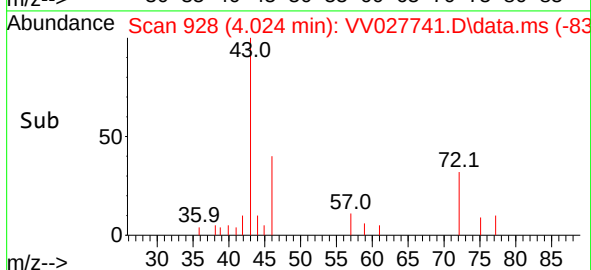
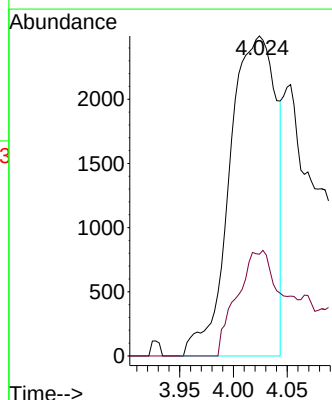
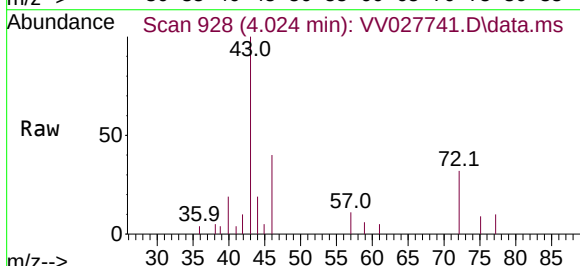
Acq: 06 Sep 2022 14:39

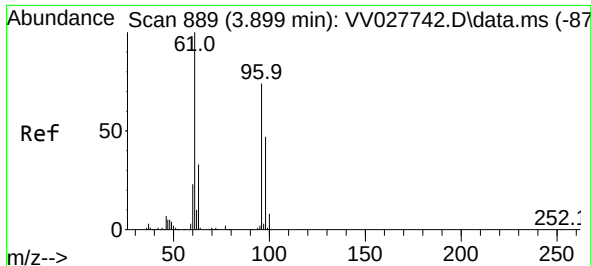
Tgt Ion: 43 Resp: 7478

Ion Ratio Lower Upper

43 100

72 32.3 13.0 39.0

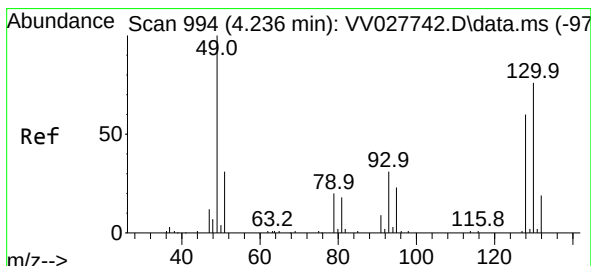
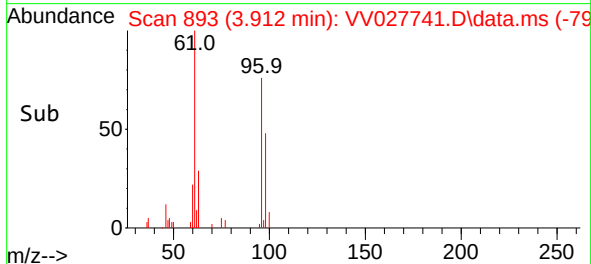
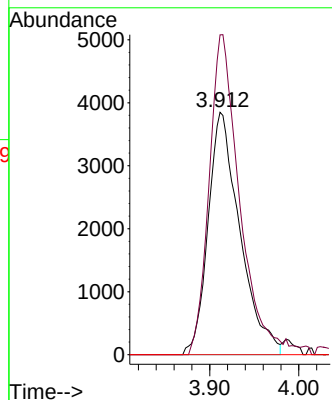
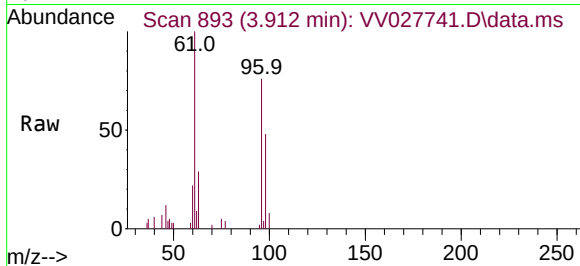




#22
 cis-1,2-Dichloroethene
 Concen: 0.558 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.013 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

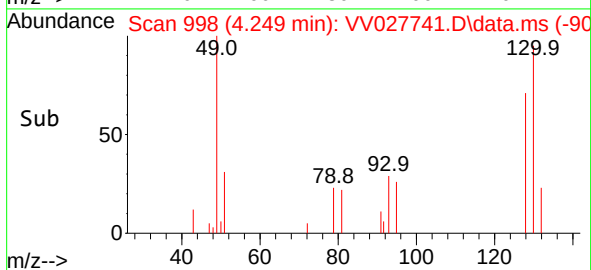
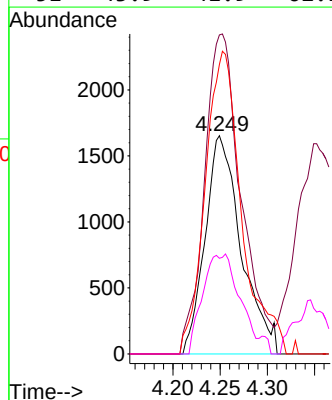
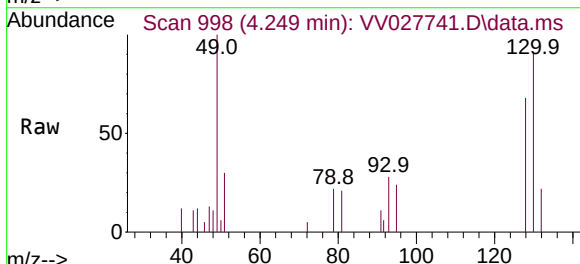
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001228

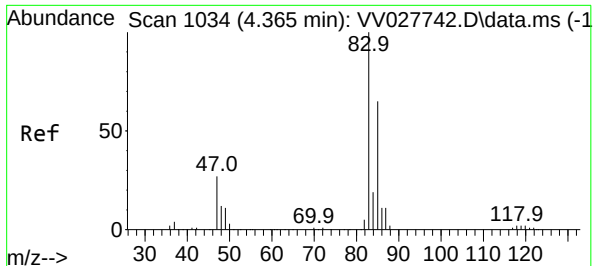
Tgt Ion: 96 Resp: 9544
 Ion Ratio Lower Upper
 96 100
 61 131.9 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 0.591 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.013 min
 Lab File: VV027741.D
 Acq: 06 Sep 2022 14:39

Tgt Ion: 128 Resp: 4377
 Ion Ratio Lower Upper
 128 100
 49 146.2 118.4 219.8
 130 132.7 89.2 165.6
 51 43.9 41.9 62.9





#25

Chloroform

Concen: 0.623 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

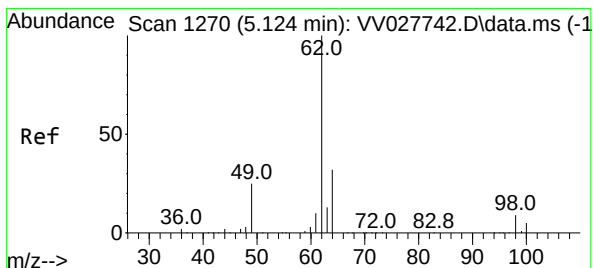
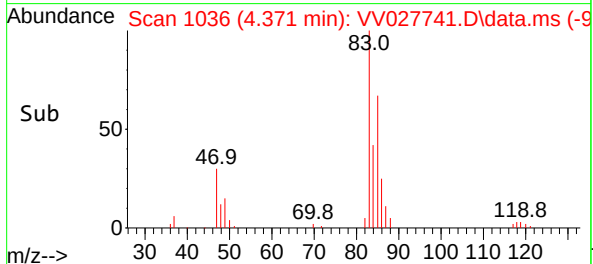
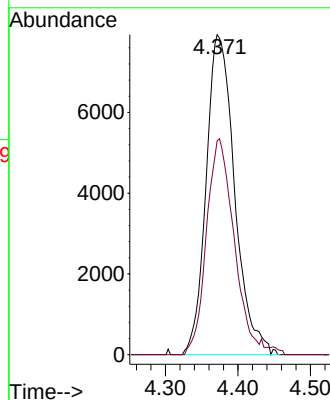
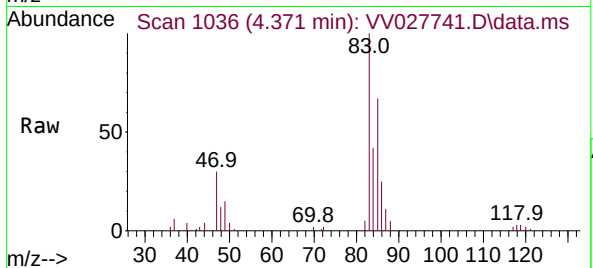
VSTD001228

Tgt Ion: 83 Resp: 21635

Ion Ratio Lower Upper

83 100

85 66.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.528 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV027741.D

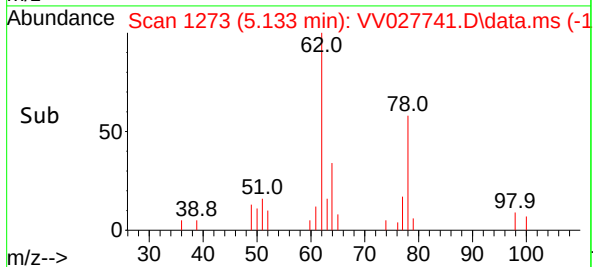
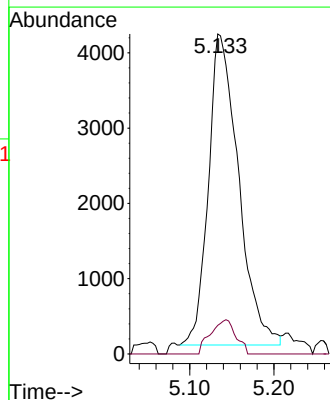
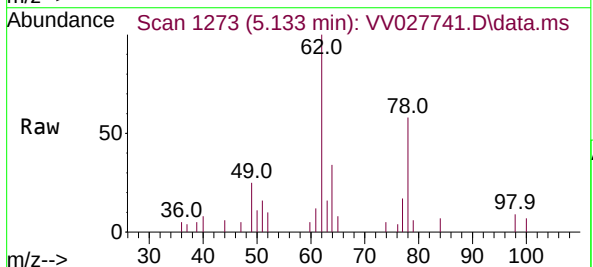
Acq: 06 Sep 2022 14:39

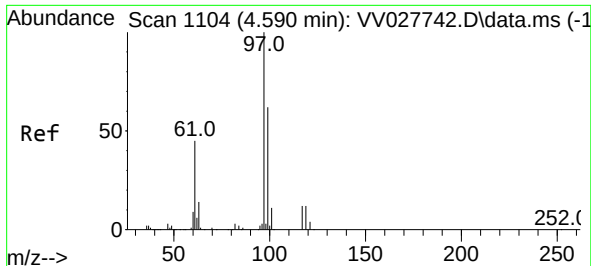
Tgt Ion: 62 Resp: 10258

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 0.608 ug/L

RT: 4.600 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

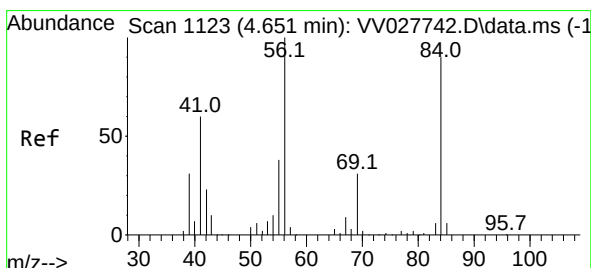
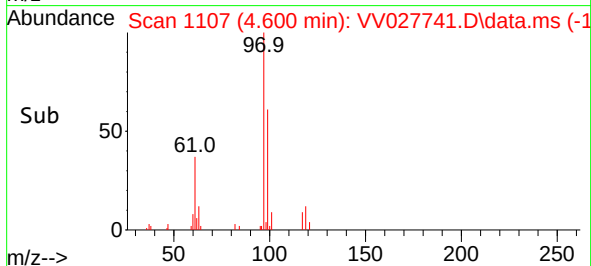
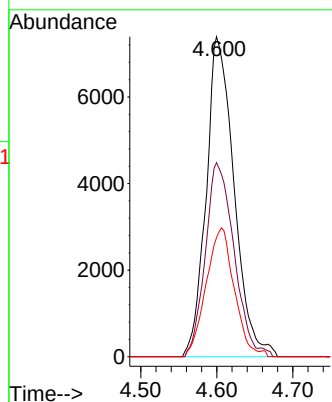
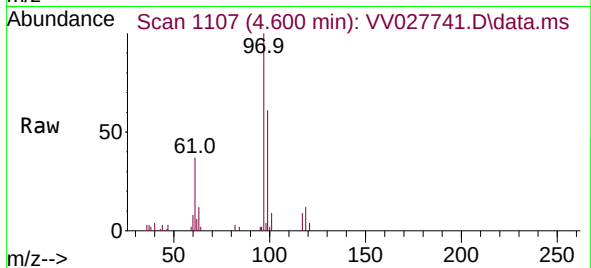
Tgt Ion: 97 Resp: 18846

Ion Ratio Lower Upper

97 100

99 62.3 50.8 76.2

61 40.6 36.2 54.4



#30

Cyclohexane

Concen: 0.473 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

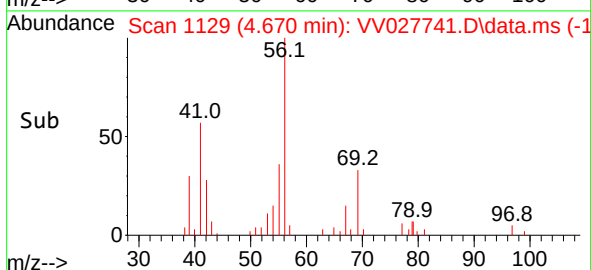
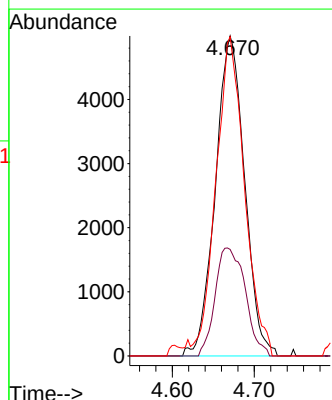
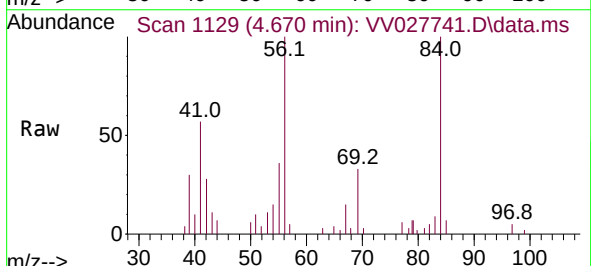
Tgt Ion: 56 Resp: 12356

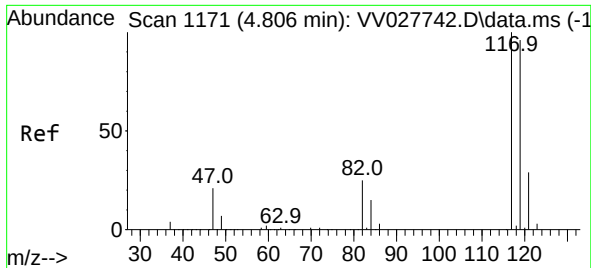
Ion Ratio Lower Upper

56 100

69 34.7 25.4 38.2

84 97.3 73.8 110.8

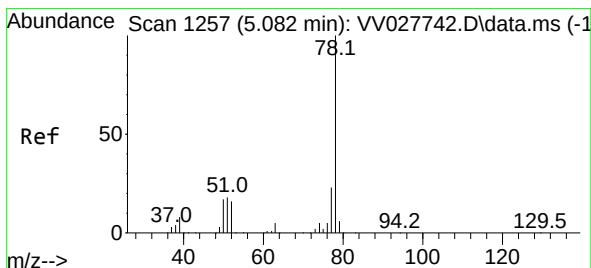
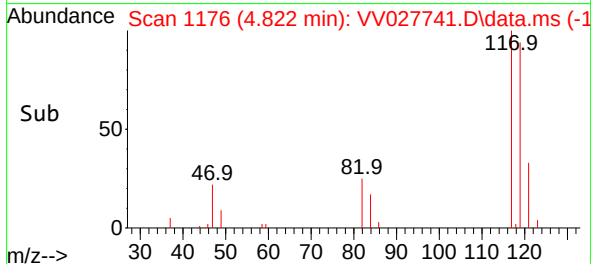
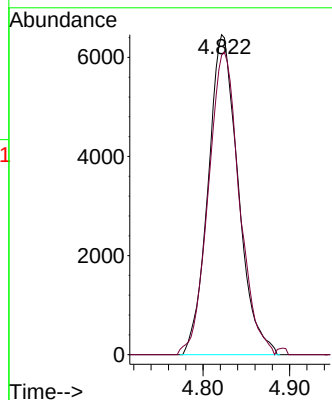
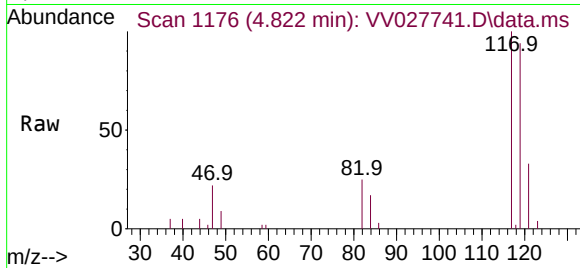




#31
Carbon tetrachloride
Concen: 0.588 ug/L
RT: 4.822 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

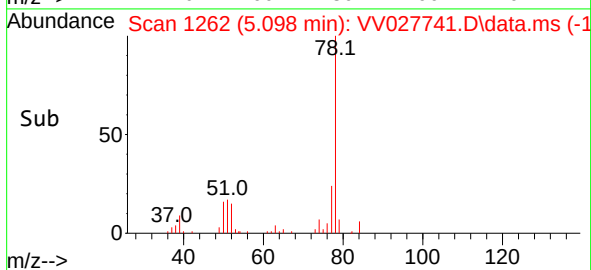
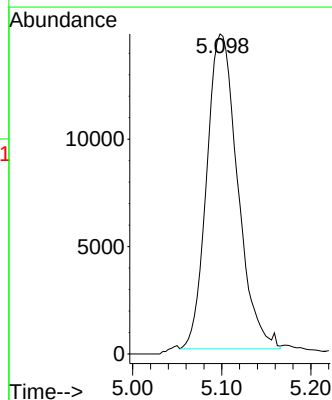
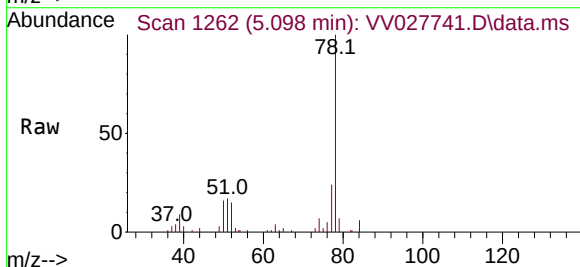
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

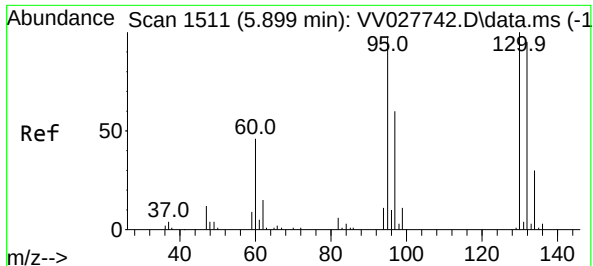
Tgt Ion:117 Resp: 15573
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8



#33
Benzene
Concen: 0.517 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.016 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion: 78 Resp: 35415





#34

Trichloroethene

Concen: 0.553 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

Tgt Ion: 95 Resp: 9518

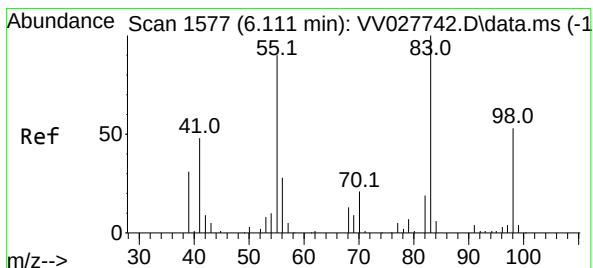
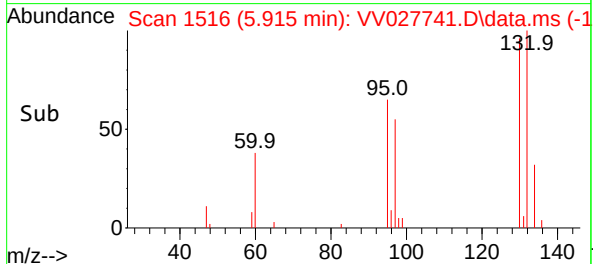
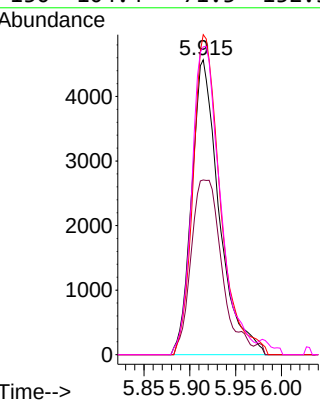
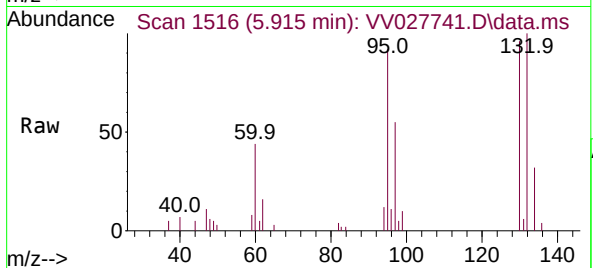
Ion Ratio Lower Upper

95 100

97 59.2 42.9 79.7

132 108.5 67.9 126.1

130 104.4 71.3 132.3



#35

Methylcyclohexane

Concen: 0.529 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.016 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

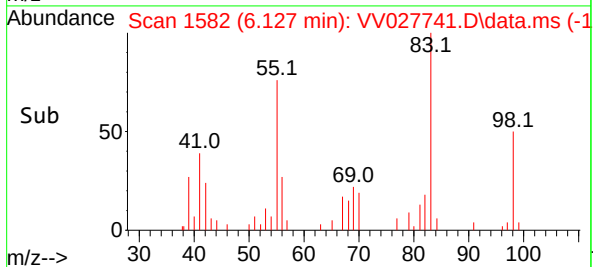
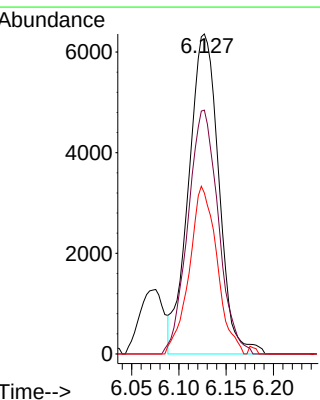
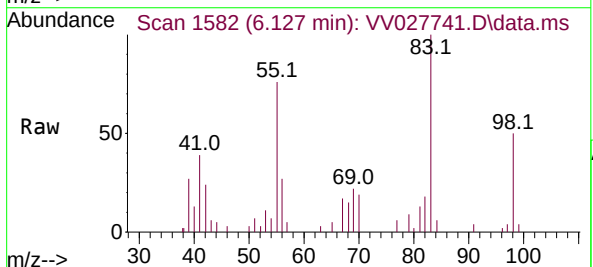
Tgt Ion: 83 Resp: 14123

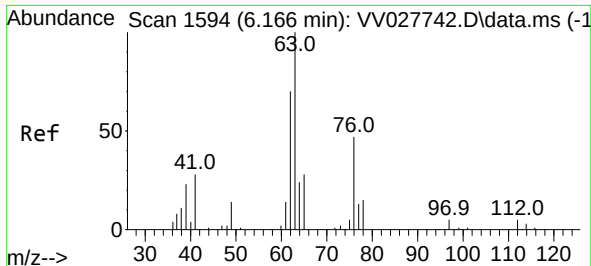
Ion Ratio Lower Upper

83 100

55 76.6 61.9 92.9

98 48.0 37.5 56.3





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

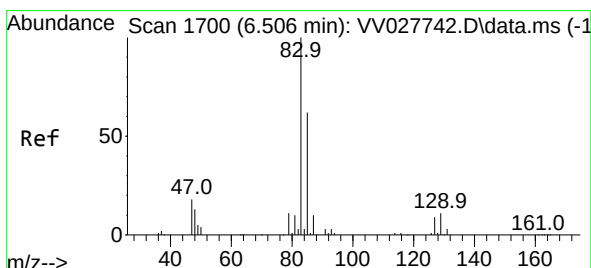
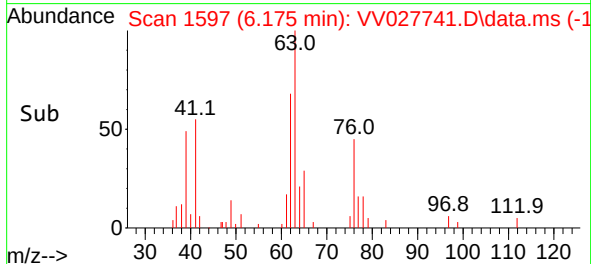
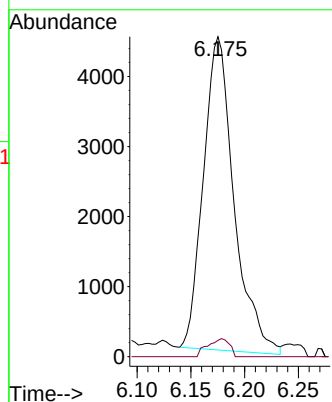
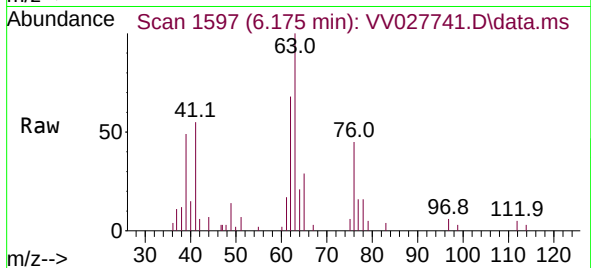
VSTD001228

Tgt Ion: 63 Resp: 8853

Ion Ratio Lower Upper

63 100

112 4.1 4.0 6.0



#38

Bromodichloromethane

Concen: 0.573 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

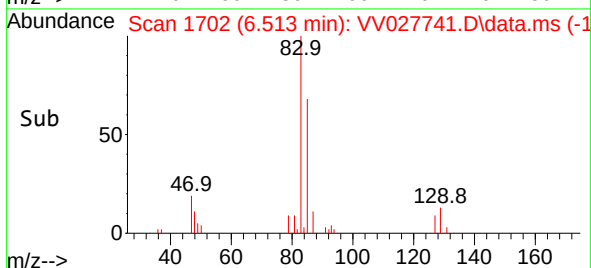
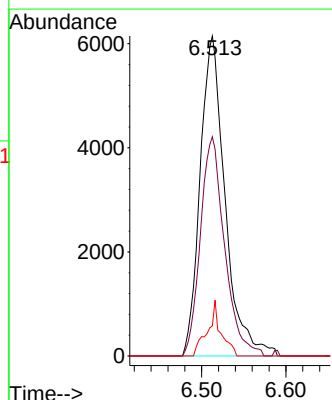
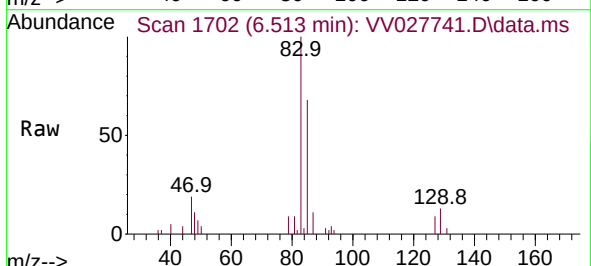
Tgt Ion: 83 Resp: 12649

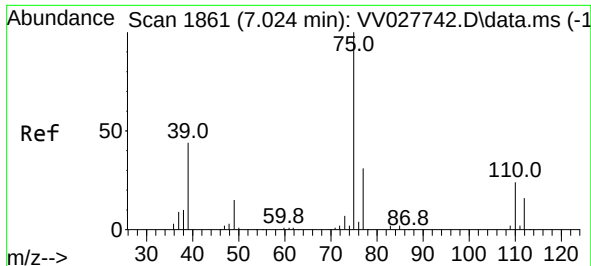
Ion Ratio Lower Upper

83 100

85 68.5 43.3 80.3

127 9.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.549 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

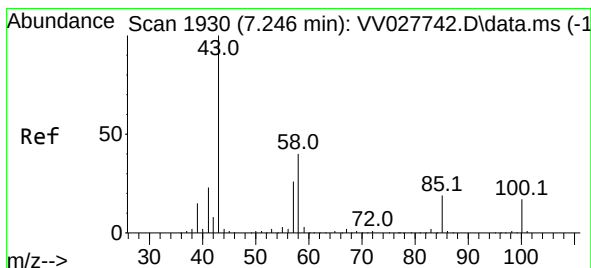
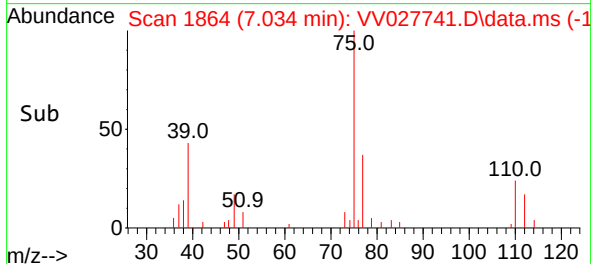
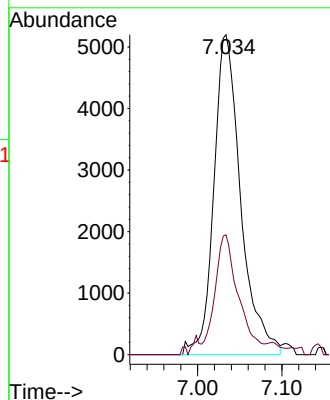
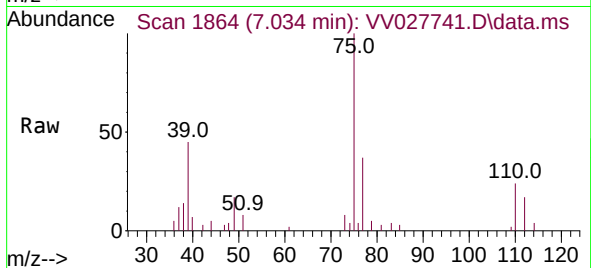
VSTD001228

Tgt Ion: 75 Resp: 11509

Ion Ratio Lower Upper

75 100

77 37.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 4.697 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. -0.013 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

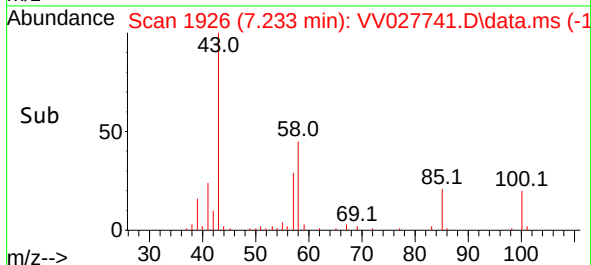
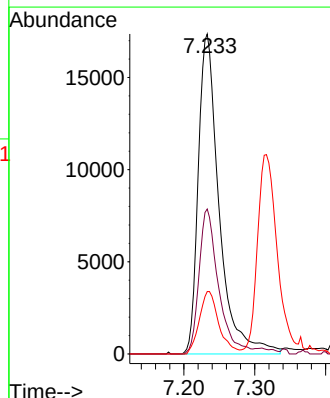
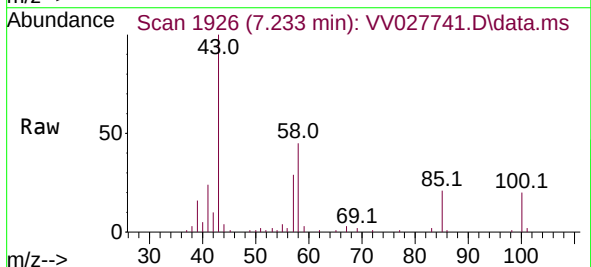
Tgt Ion: 43 Resp: 35467

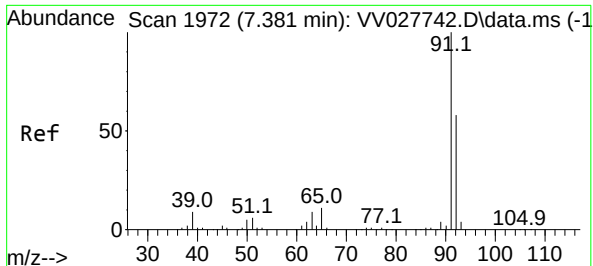
Ion Ratio Lower Upper

43 100

58 42.1 30.9 46.3

100 18.2 13.4 20.0





#42

Toluene

Concen: 0.525 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

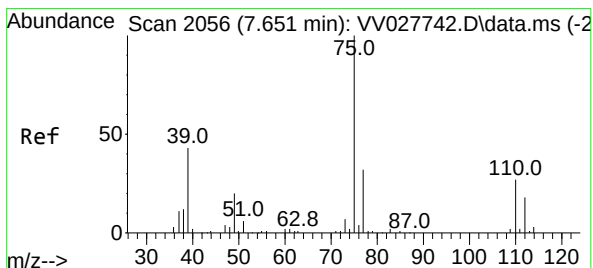
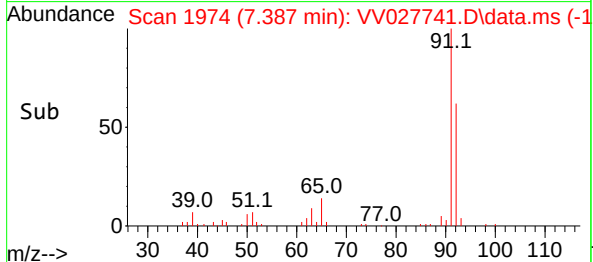
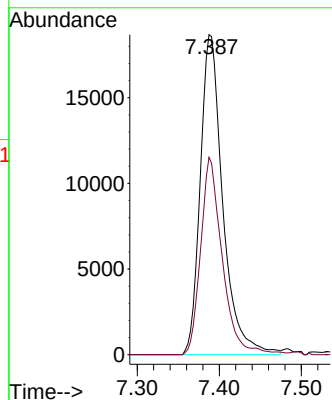
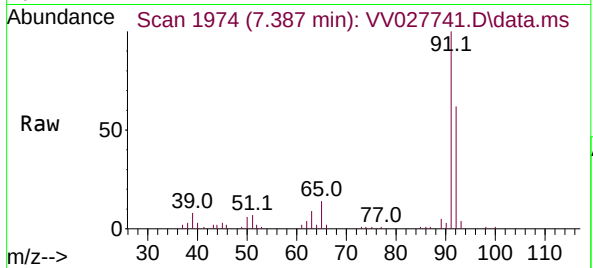
VSTD001228

Tgt Ion: 91 Resp: 35671

Ion Ratio Lower Upper

91 100

92 61.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV027741.D

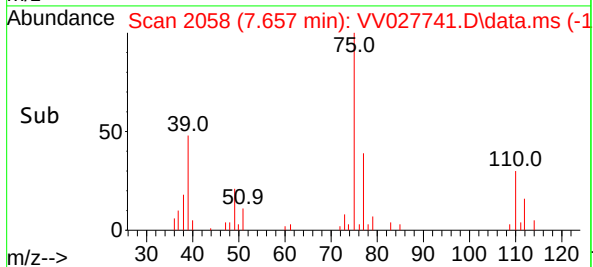
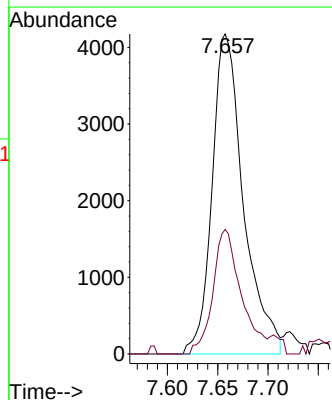
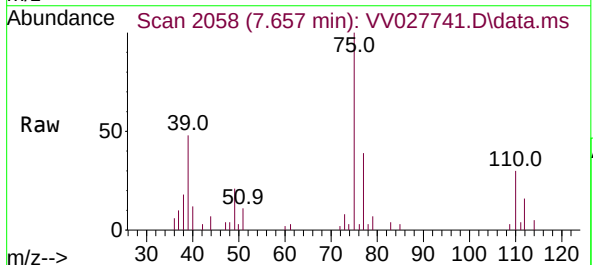
Acq: 06 Sep 2022 14:39

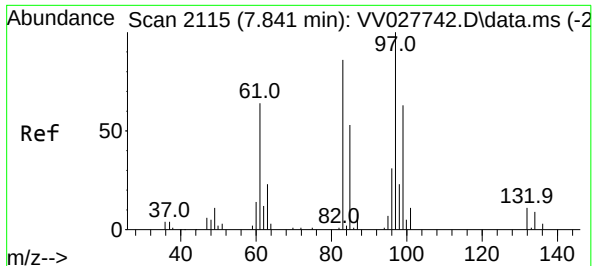
Tgt Ion: 75 Resp: 9059

Ion Ratio Lower Upper

75 100

77 38.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.600 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

Tgt Ion: 97 Resp: 6649

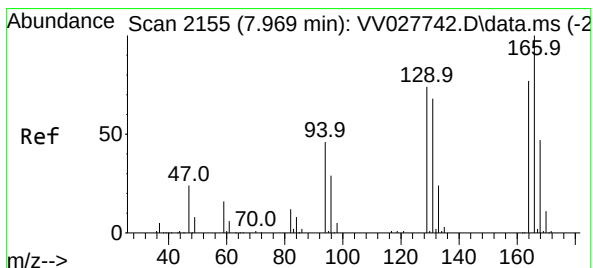
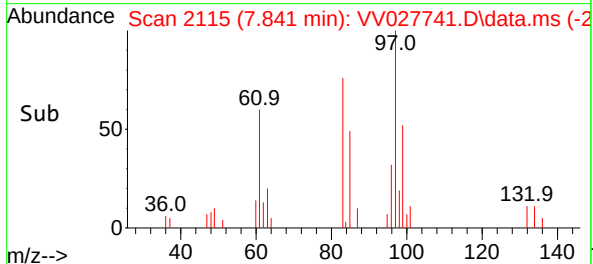
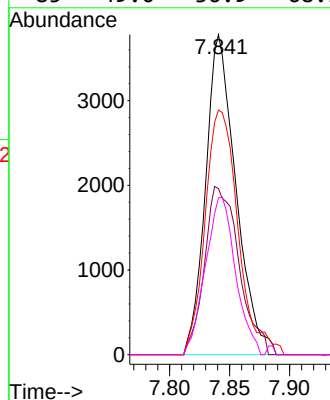
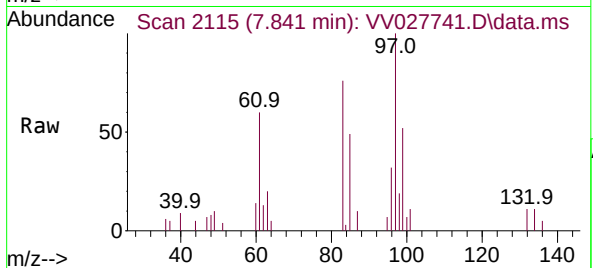
Ion Ratio Lower Upper

97 100

99 51.9 44.2 82.0

83 76.4 60.3 112.1

85 49.0 36.9 68.5



#47

Tetrachloroethene

Concen: 0.594 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Tgt Ion:164 Resp: 8147

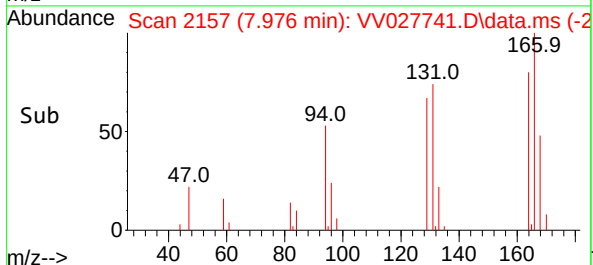
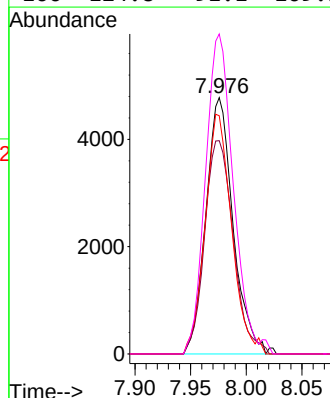
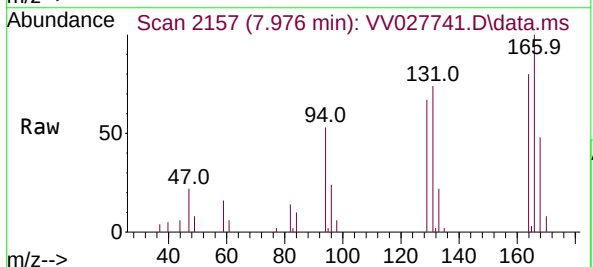
Ion Ratio Lower Upper

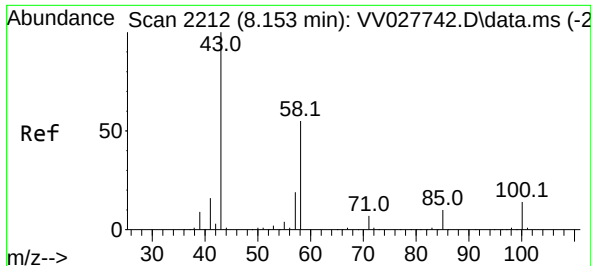
164 100

129 83.2 67.2 124.8

131 92.9 61.5 114.3

166 124.8 91.1 169.3

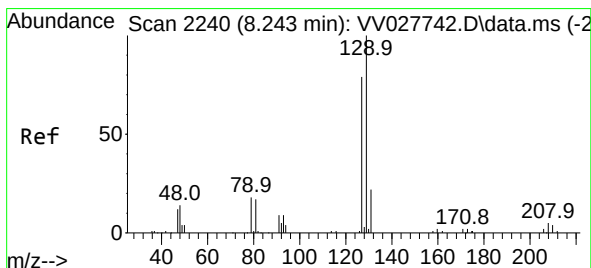
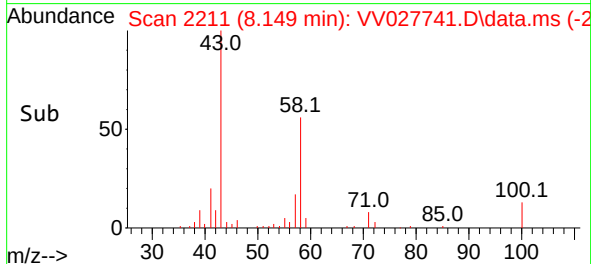
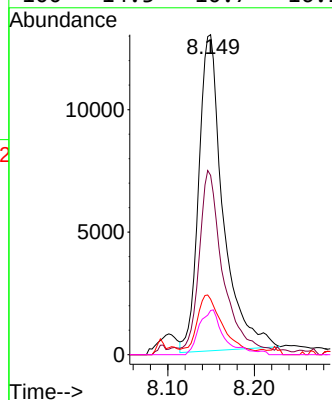
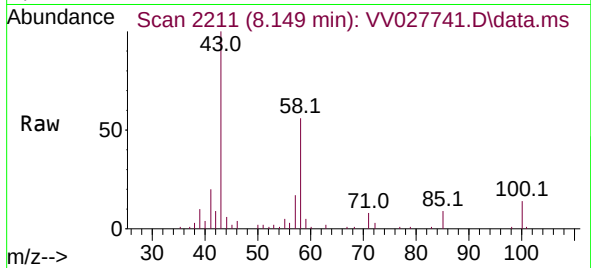




#48
2-Hexanone
Concen: 4.440 ug/L
RT: 8.149 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

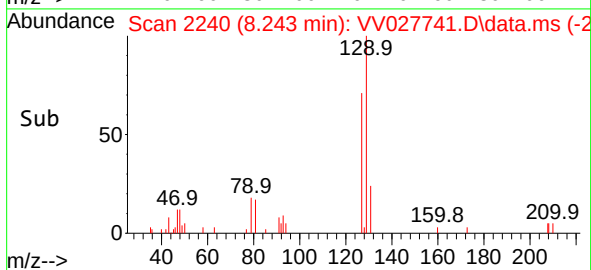
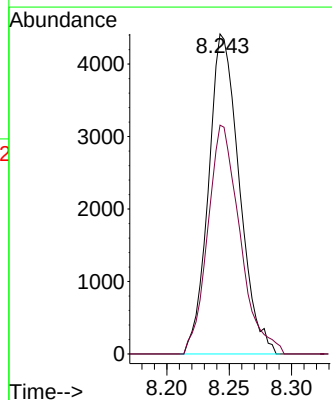
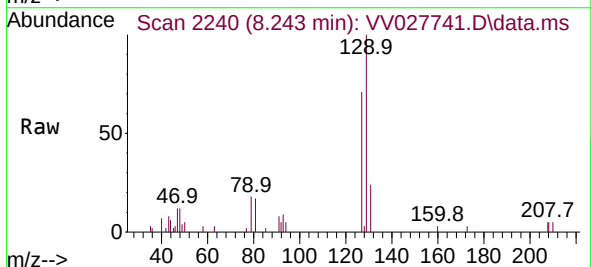
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

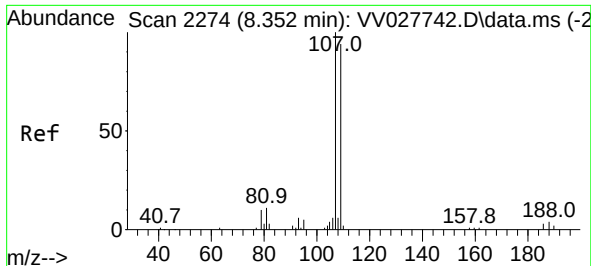
Tgt Ion: 43	Resp: 25157
Ion Ratio	Lower Upper
43 100	
58 55.2	43.2 64.8
57 20.5	15.6 23.4
100 14.3	10.7 16.1



#49
Dibromochloromethane
Concen: 0.574 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion:129	Resp:	7589	
Ion	Ratio	Lower	Upper
129	100		
127	71.5	55.2	102.6





#50

1,2-Dibromoethane

Concen: 0.569 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

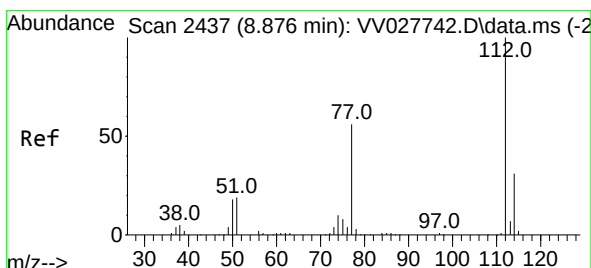
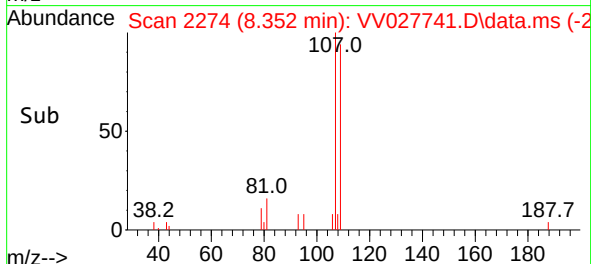
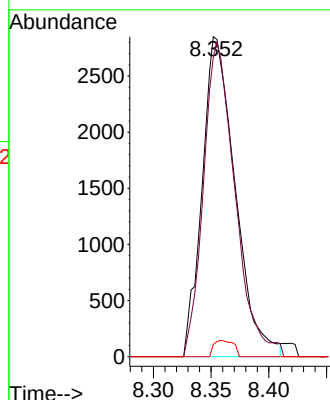
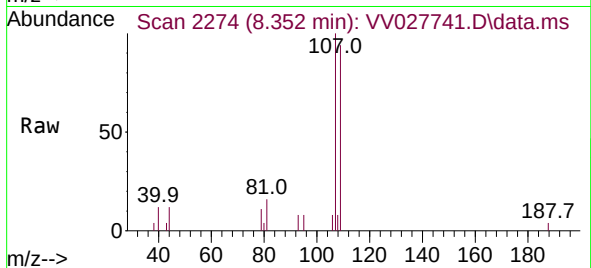
Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

Tgt Ion:107	Resp:	5666
Ion	Ratio	Lower Upper
107	100	
109	93.7	65.9 122.5
188	3.8	3.1 4.7



#51

Chlorobenzene

Concen: 0.595 ug/L

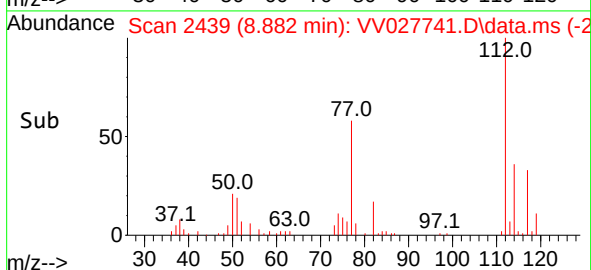
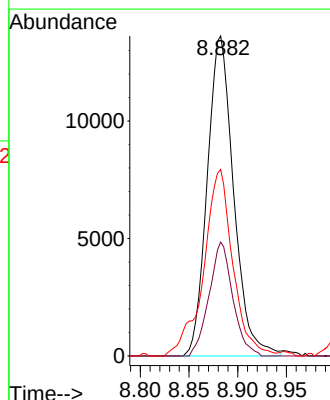
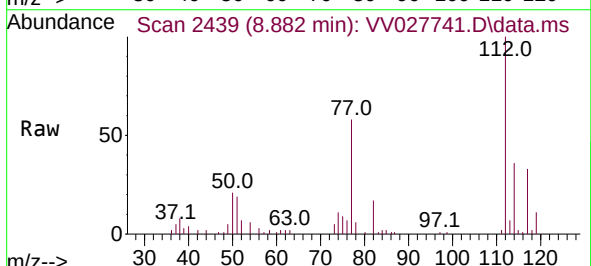
RT: 8.882 min Scan# 2439

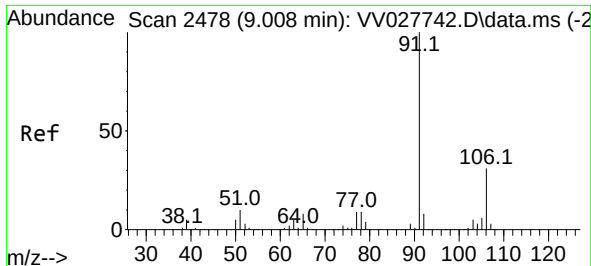
Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Tgt Ion:112	Resp:	25702
Ion	Ratio	Lower Upper
112	100	
114	35.6	21.7 40.3
77	58.3	45.3 67.9





#52

Ethylbenzene

Concen: 0.549 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

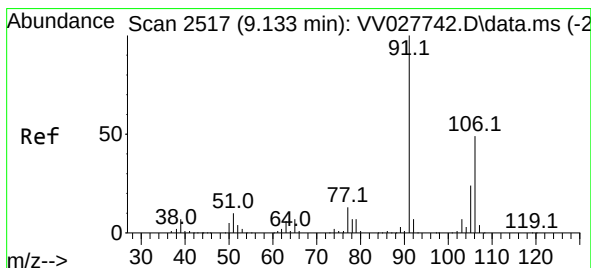
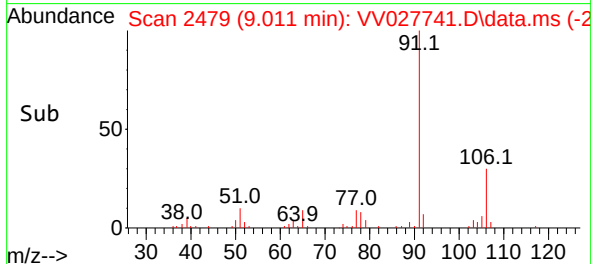
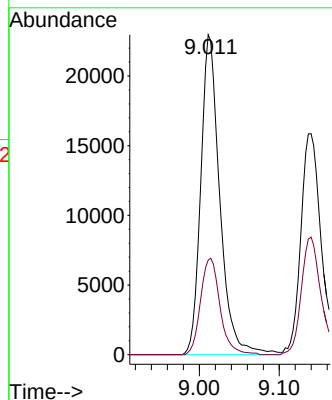
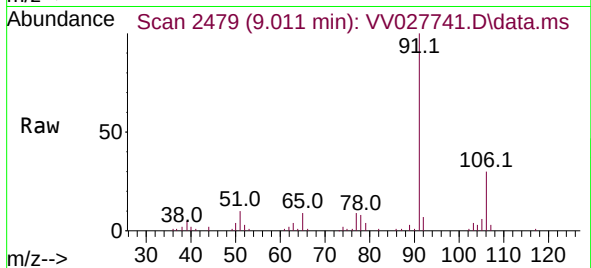
VSTD001228

Tgt Ion: 91 Resp: 38059

Ion Ratio Lower Upper

91 100

106 29.6 22.0 40.8



#53

m,p-Xylene

Concen: 0.543 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.006 min

Lab File: VV027741.D

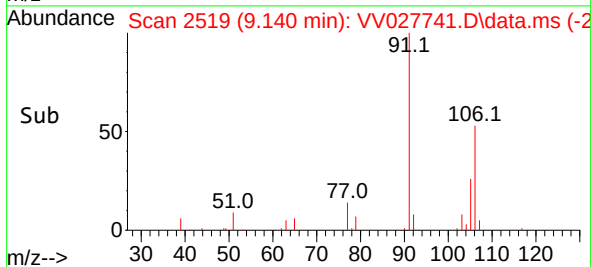
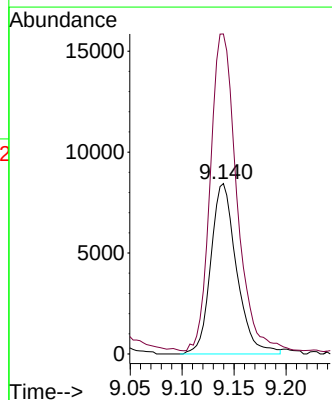
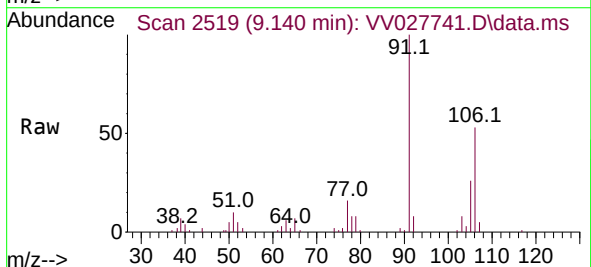
Acq: 06 Sep 2022 14:39

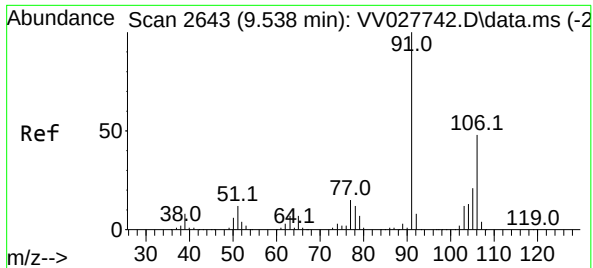
Tgt Ion: 106 Resp: 14561

Ion Ratio Lower Upper

106 100

91 187.7 142.4 264.4

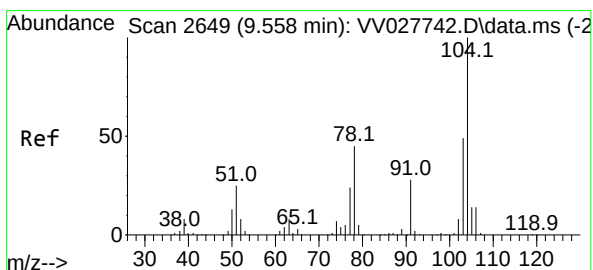
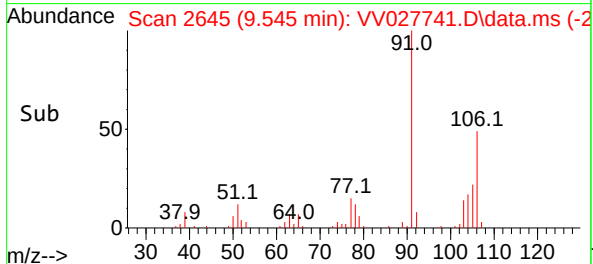
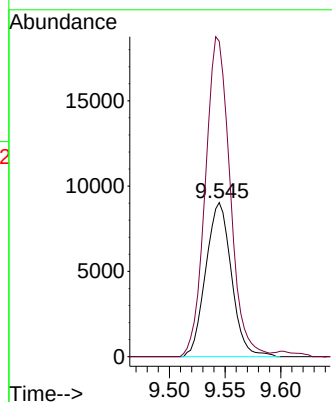
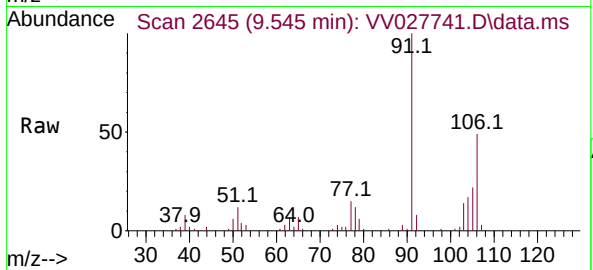




#54
o-Xylene
Concen: 0.566 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

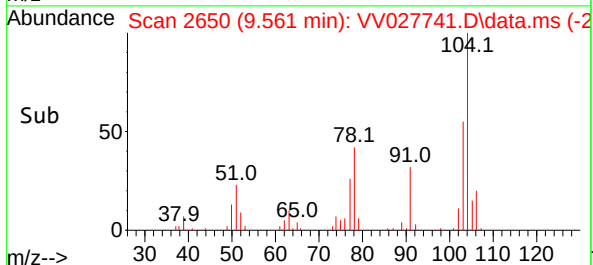
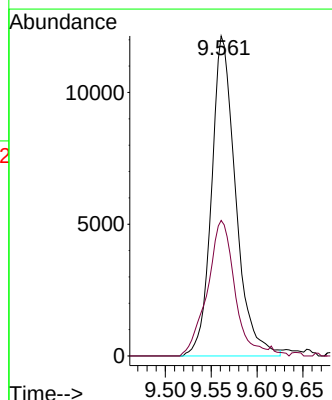
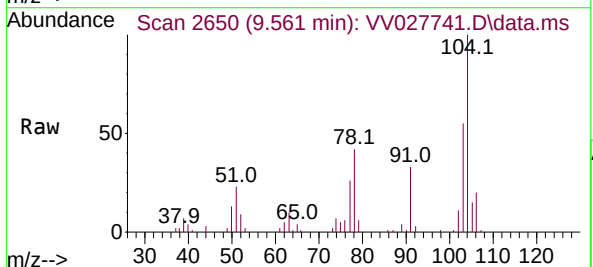
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

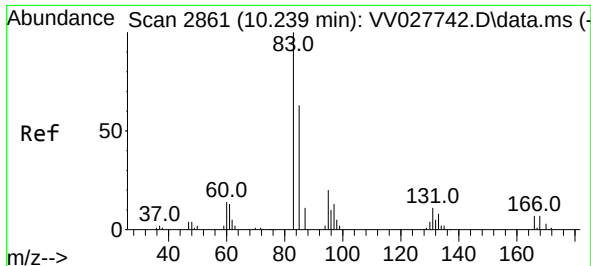
Tgt Ion:106 Resp: 14477
Ion Ratio Lower Upper
106 100
91 204.6 147.5 273.9



#55
Styrene
Concen: 0.510 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion:104 Resp: 22199
Ion Ratio Lower Upper
104 100
78 42.4 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.586 ug/L

RT: 10.243 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

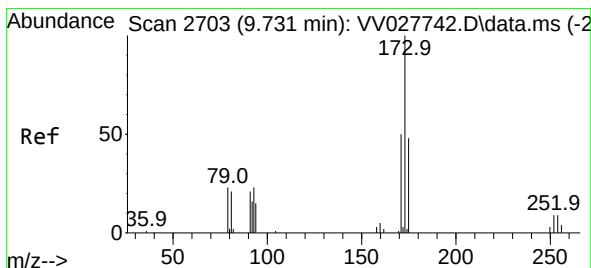
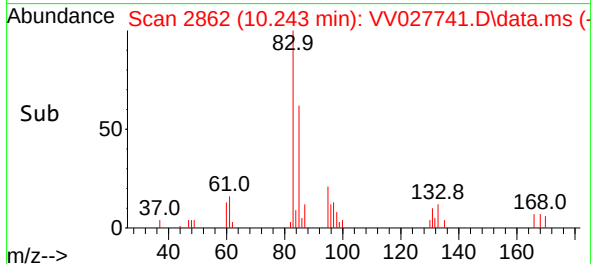
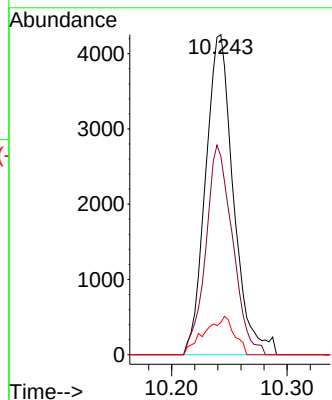
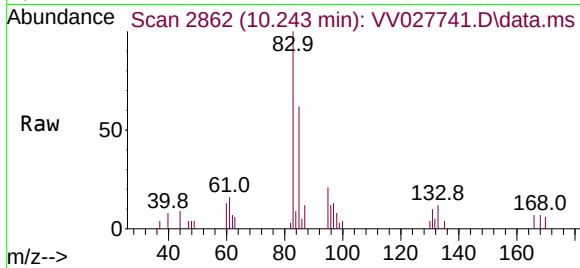
Tgt Ion: 83 Resp: 7134

Ion Ratio Lower Upper

83 100

85 62.0 44.7 83.1

131 10.0 8.5 12.7



#59

Bromoform

Concen: 0.627 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

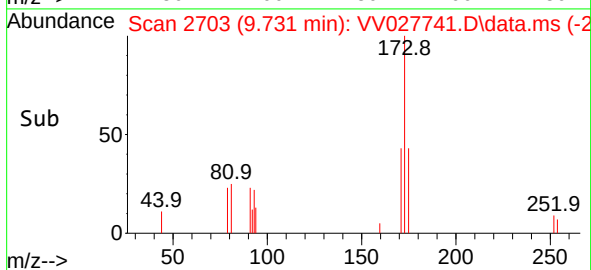
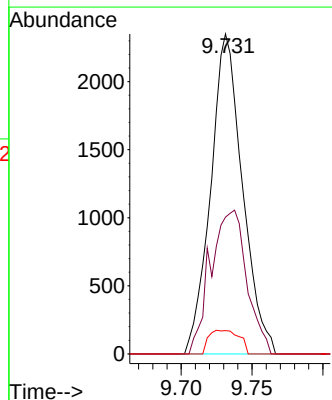
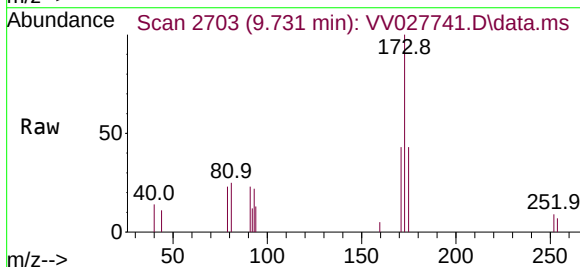
Tgt Ion: 173 Resp: 3660

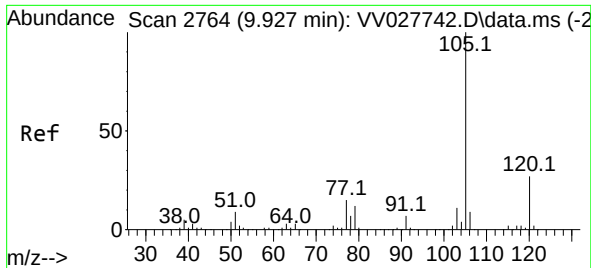
Ion Ratio Lower Upper

173 100

175 51.2 38.4 57.6

254 7.0 6.8 10.2

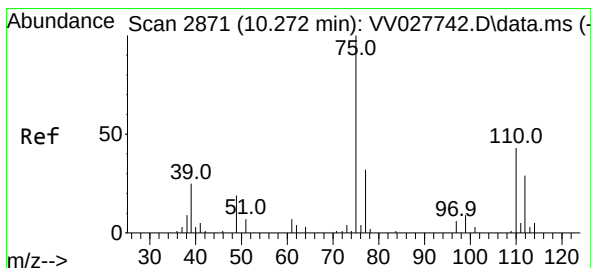
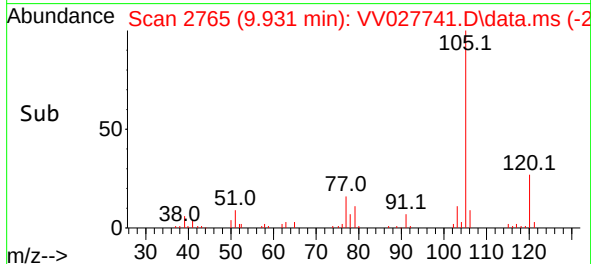
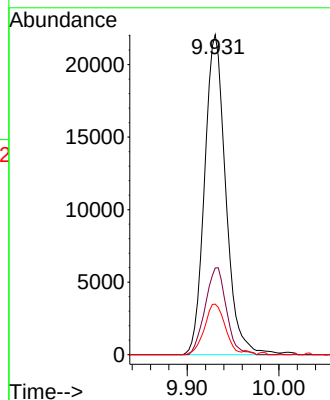
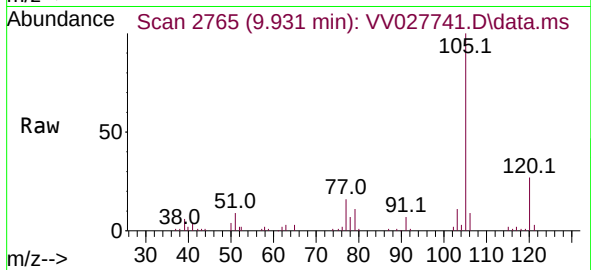




#60
Isopropylbenzene
Concen: 0.568 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

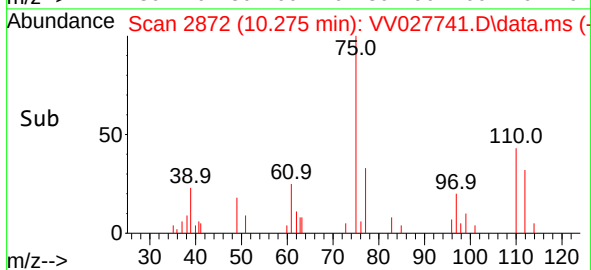
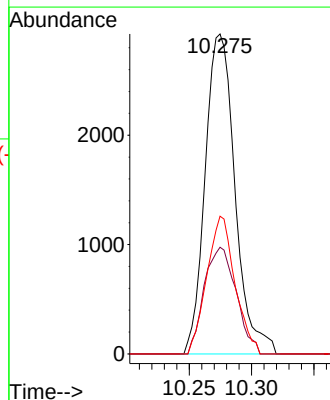
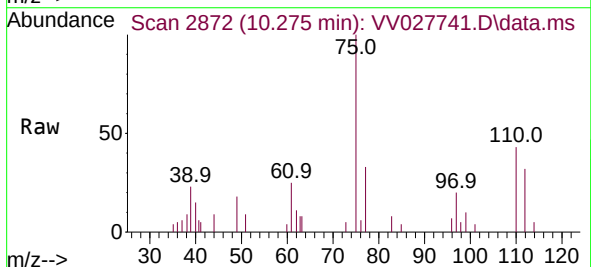
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

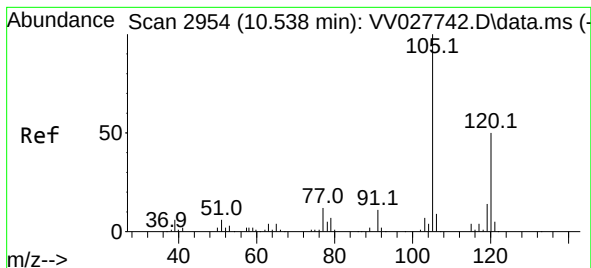
Tgt Ion:105 Resp: 35368
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.5 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.602 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion: 75 Resp: 4882
Ion Ratio Lower Upper
75 100
77 35.6 27.6 41.4
110 40.5 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 0.634 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

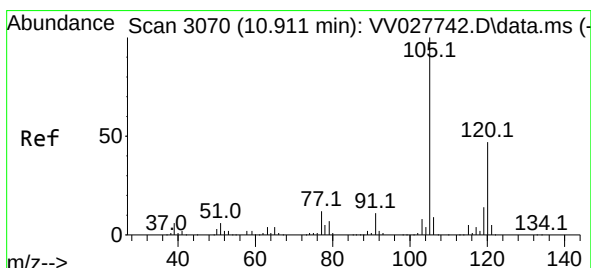
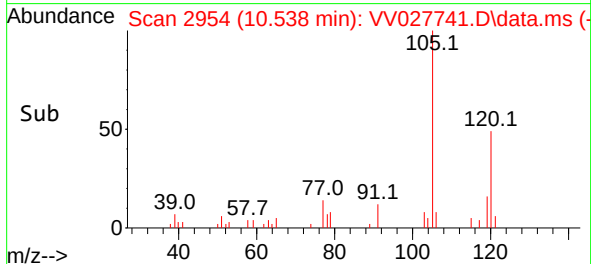
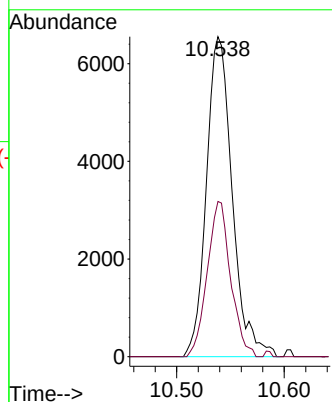
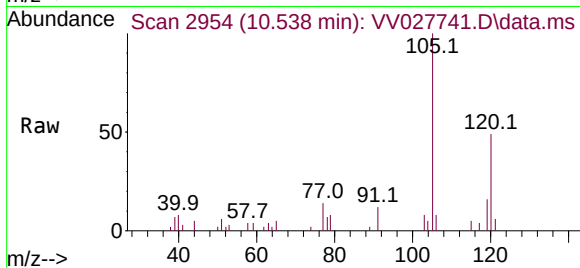
VSTD001228

Tgt Ion:105 Resp: 10918

Ion Ratio Lower Upper

105 100

120 43.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.582 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027741.D

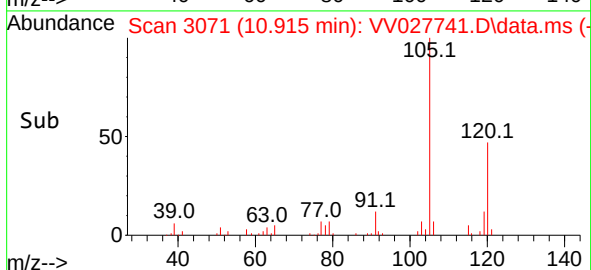
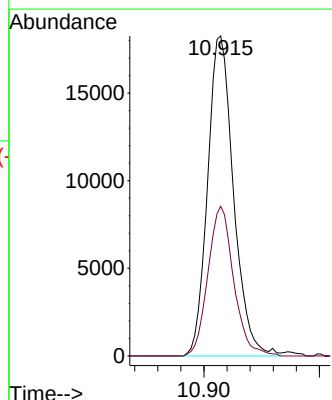
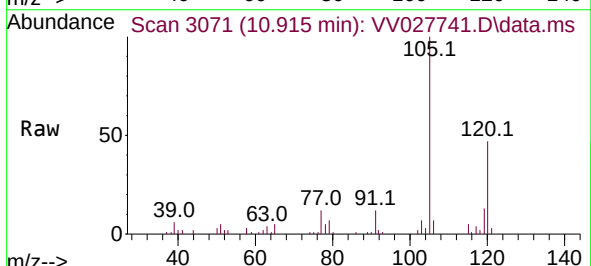
Acq: 06 Sep 2022 14:39

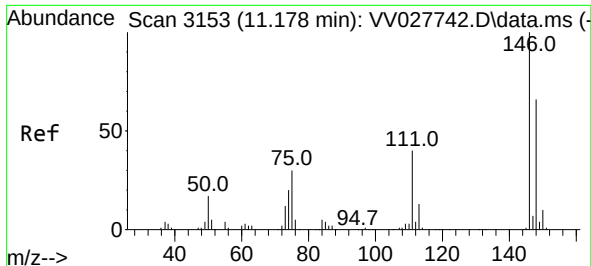
Tgt Ion:105 Resp: 28466

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.0

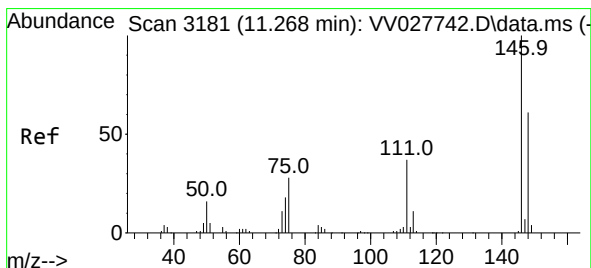
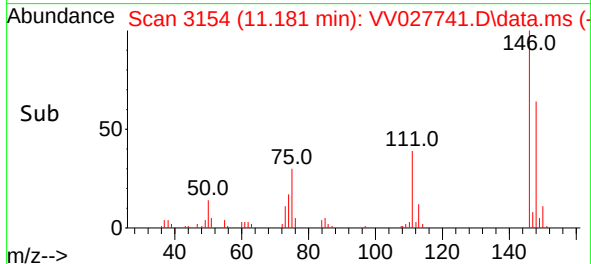
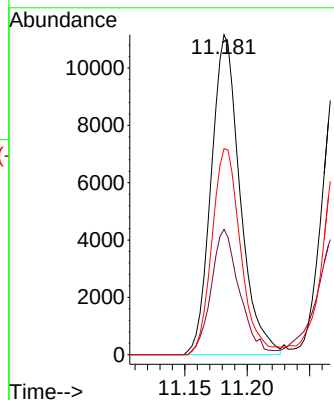
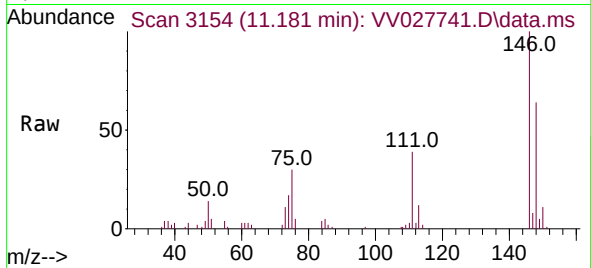




#64
1,3-Dichlorobenzene
Concen: 0.602 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

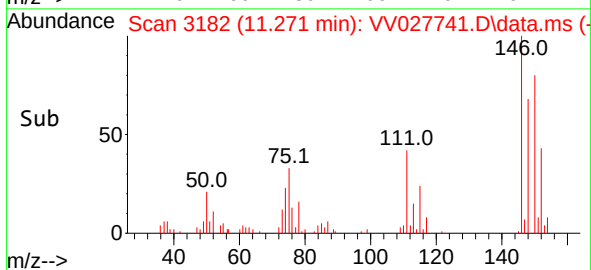
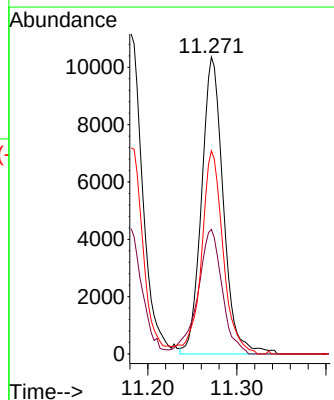
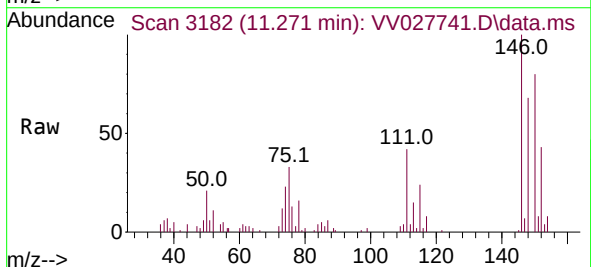
Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

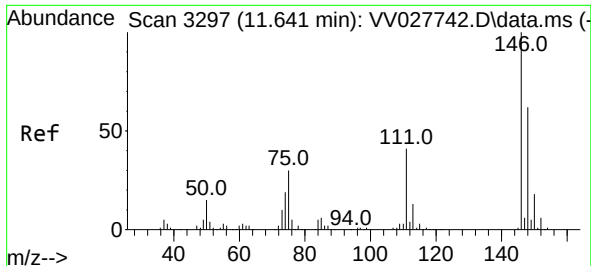
Tgt Ion:146 Resp: 17991
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.9
148 64.4 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 0.589 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion:146 Resp: 17570
Ion Ratio Lower Upper
146 100
111 41.9 26.5 49.3
148 68.4 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 0.615 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

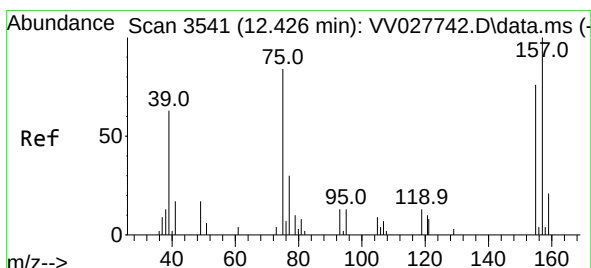
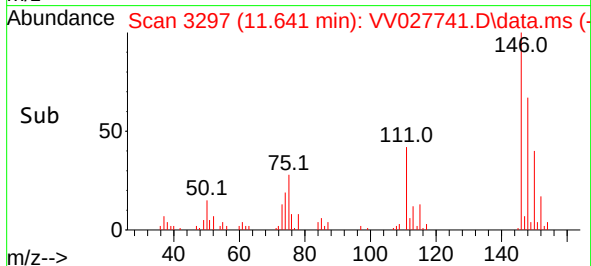
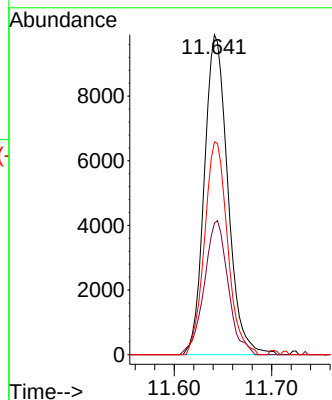
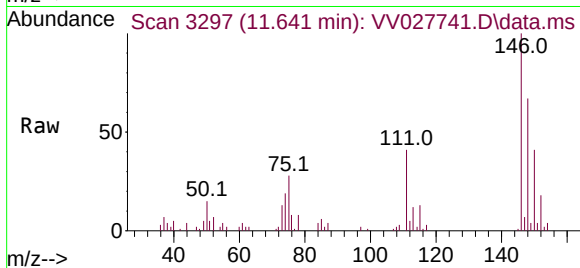
Tgt Ion:146 Resp: 16559

Ion Ratio Lower Upper

146 100

111 41.1 33.1 49.7

148 66.5 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.565 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

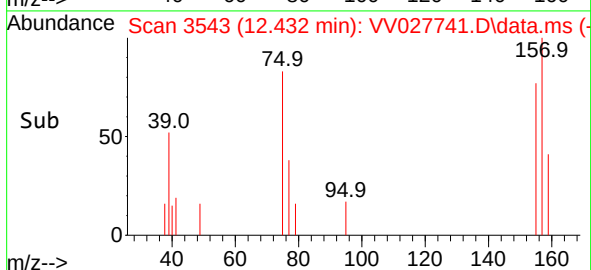
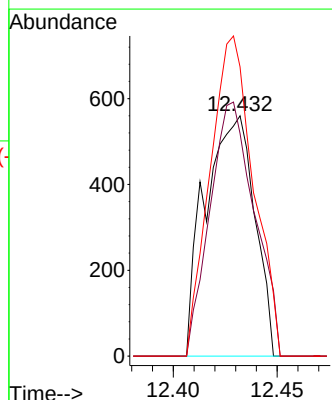
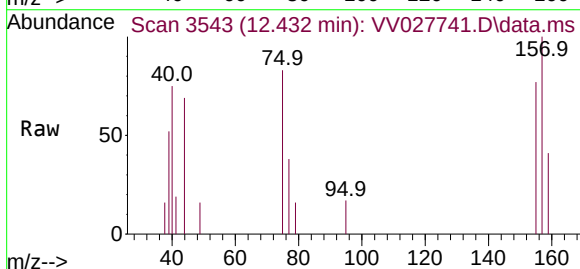
Tgt Ion: 75 Resp: 920

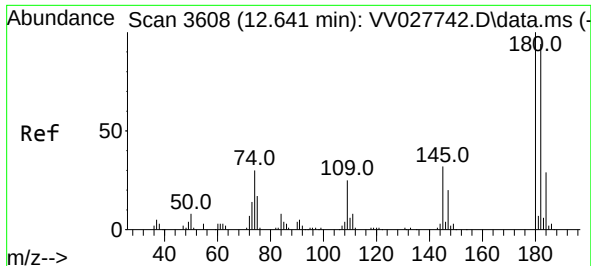
Ion Ratio Lower Upper

75 100

155 92.7 71.9 107.9

157 120.4 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 0.649 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD001228

Tgt Ion:180 Resp: 14086

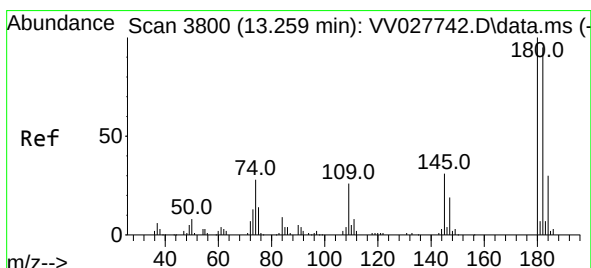
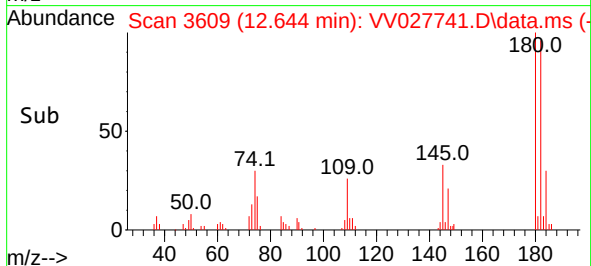
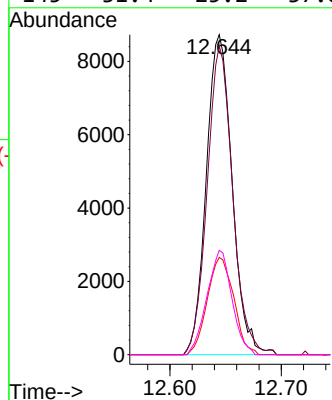
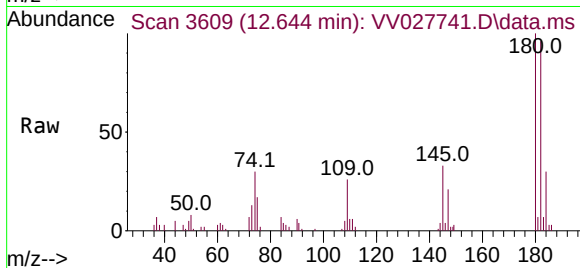
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

184 31.1 23.8 35.6

145 31.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.680 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV027741.D

Acq: 06 Sep 2022 14:39

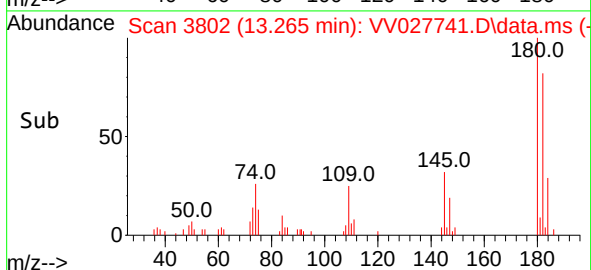
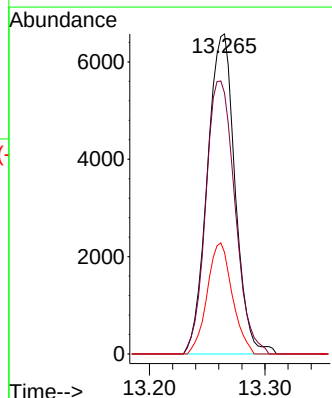
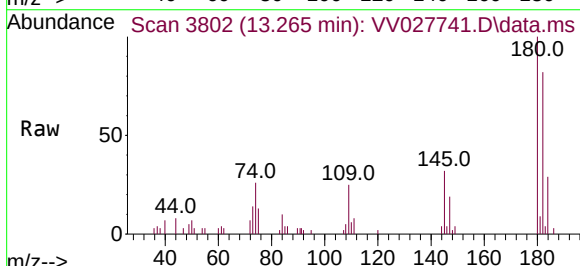
Tgt Ion:180 Resp: 10969

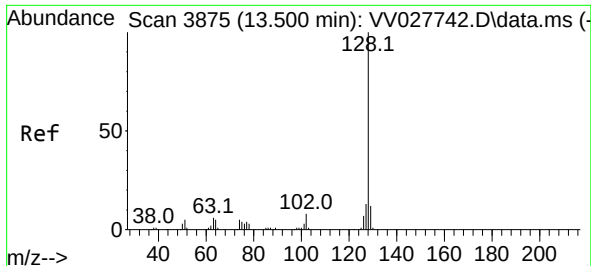
Ion Ratio Lower Upper

180 100

182 89.6 76.6 114.8

145 31.4 24.6 37.0

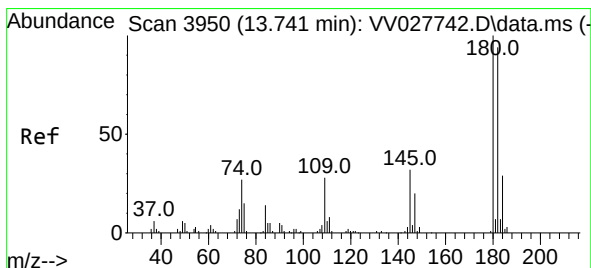
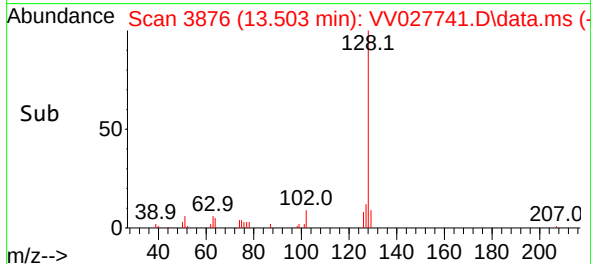
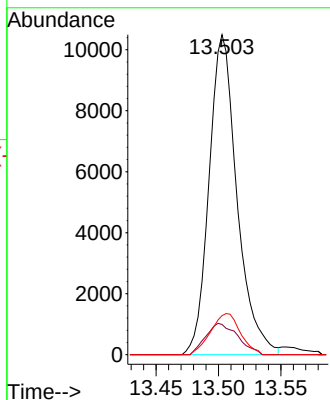
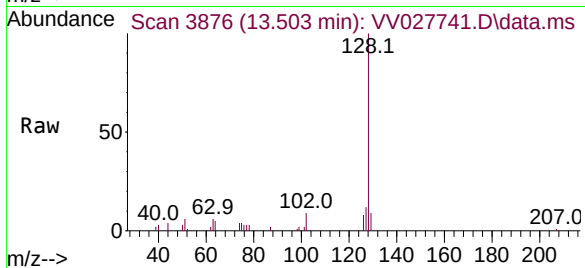




#71
Naphthalene
Concen: 0.647 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD001228

Tgt Ion:	128	Resp:	16397
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.7	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.669 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027741.D
Acq: 06 Sep 2022 14:39

Tgt Ion:	180	Resp:	9745
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.5	114.7
145	30.5	26.5	39.7

