

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027041.D
 Acq On : 28 Jul 2022 16:17
 Operator : SY/MD
 Sample : VSTD01038
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010238

Quant Time: Jul 29 01:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	571352	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	571841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	284132	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54872	10.095	ug/L	0.00
7) Chloroethane-d5	1.561	69	43134	10.015	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	93483	10.102	ug/L	0.00
21) 2-Butanone-d5	3.892	46	55071	16.922	ug/L	0.00
24) Chloroform-d	4.342	84	98904	10.103	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	55368	9.963	ug/L	0.00
32) Benzene-d6	5.043	84	189402	9.432	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	60047	9.770	ug/L	0.00
41) Toluene-d8	7.313	98	164422	9.059	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	23595	8.691	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	37148	14.060	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	89540	9.662	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	60997	9.550	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	64256	10.836	ug/L	99
3) Chloromethane	1.236	50	57622	10.627	ug/L	98
5) Vinyl chloride	1.304	62	59147	10.284	ug/L	99
6) Bromomethane	1.516	94	35648	10.093	ug/L	98
8) Chloroethane	1.577	64	35253	10.440	ug/L	99
9) Trichlorofluoromethane	1.744	101	79432	10.765	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	45997	10.799	ug/L	100
12) 1,1-Dichloroethene	2.111	96	42259	10.154	ug/L	96
13) Acetone	2.172	43	35785	16.764	ug/L	71
14) Carbon disulfide	2.285	76	130929	9.916	ug/L	100
15) Methyl Acetate	2.429	43	44570	11.683	ug/L	93
16) Methylene chloride	2.497	84	58354	11.000	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	44709	9.812	ug/L	98
18) Methyl tert-butyl Ether	2.761	73	113305	9.054	ug/L	99
19) 1,1-Dichloroethane	3.182	63	82653	10.388	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	44471	9.438	ug/L	98
22) 2-Butanone	3.976	43	44410	15.238	ug/L	81
23) Bromochloromethane	4.240	128	25833	10.178	ug/L	97
25) Chloroform	4.368	83	86679	10.333	ug/L	99
27) 1,2-Dichloroethane	5.127	62	59632	10.331	ug/L	97
29) Cyclohexane	4.670	56	52435	8.534	ug/L	98
30) 1,1,1-Trichloroethane	4.596	97	73514	10.016	ug/L	100
31) Carbon tetrachloride	4.815	117	62777	9.825	ug/L	98
33) Benzene	5.095	78	176865	9.597	ug/L	100
34) Trichloroethene	5.908	95	46858	9.879	ug/L	100
35) Methylcyclohexane	6.124	83	61378	8.674	ug/L	97
37) 1,2-Dichloropropane	6.169	63	44140	9.570	ug/L	# 97
38) Bromodichloromethane	6.506	83	60620	9.895	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	57521	8.694	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	94461	16.192	ug/L	97
42) Toluene	7.384	91	176195	9.273	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	55742	8.665	ug/L	99

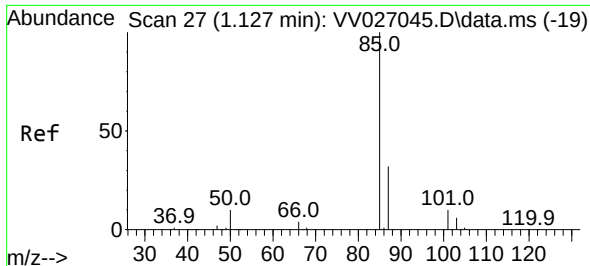
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	49728	10.071	ug/L	99
46) Tetrachloroethene	7.973	164	36222	9.764	ug/L	97
48) 2-Hexanone	8.143	43	72284	15.723	ug/L	98
49) Dibromochloromethane	8.243	129	49481	9.744	ug/L	99
50) 1,2-Dibromoethane	8.352	107	50281	9.710	ug/L	98
51) Chlorobenzene	8.879	112	123011	9.600	ug/L	100
52) Ethylbenzene	9.011	91	167834	8.724	ug/L	99
53) m,p-Xylene	9.136	106	62577	8.269	ug/L	99
54) o-Xylene	9.542	106	60079	8.244	ug/L	97
55) Styrene	9.561	104	104443	8.189	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	78065	9.806	ug/L	96
59) Bromoform	9.731	173	31049	9.620	ug/L	98
60) Isopropylbenzene	9.931	105	150050	8.463	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	60072	10.081	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	62169	8.192	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	50348	8.313	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	79085	9.188	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	88036	9.706	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	85512	9.513	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	13863	8.873	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	52535	8.999	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	41367	8.279	ug/L	99
71) Naphthalene	13.503	128	111503	6.413	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	42164	7.780	ug/L	98

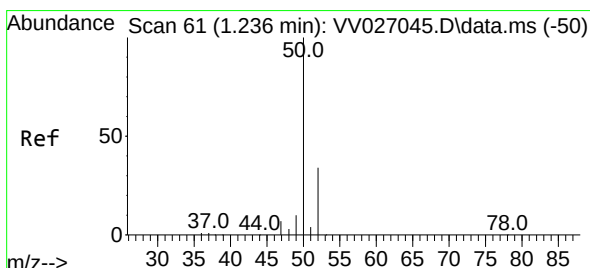
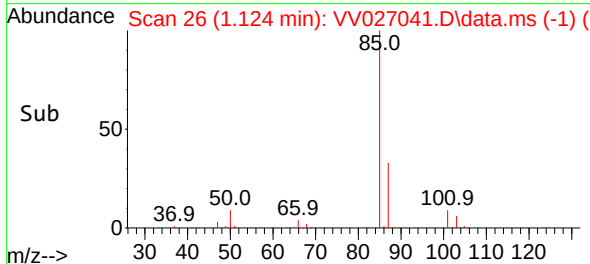
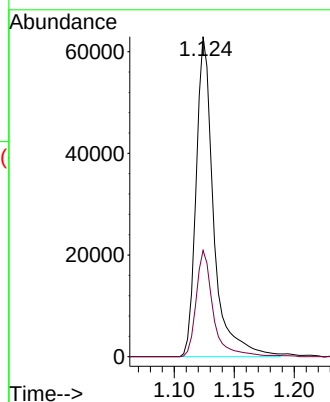
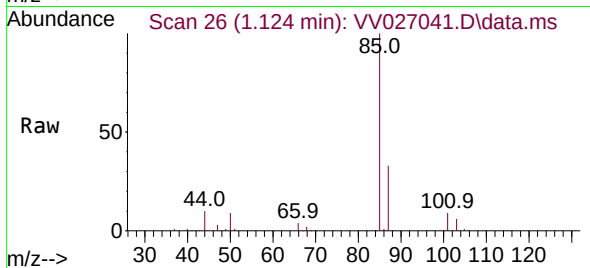
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.836 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

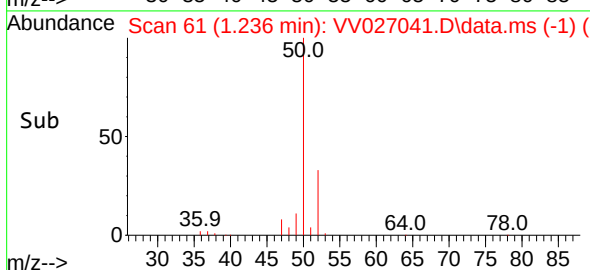
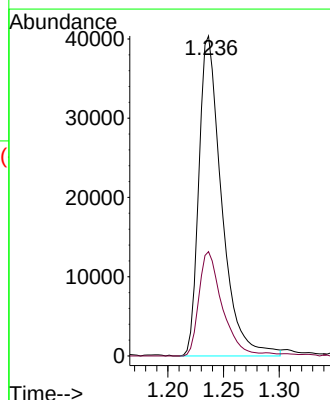
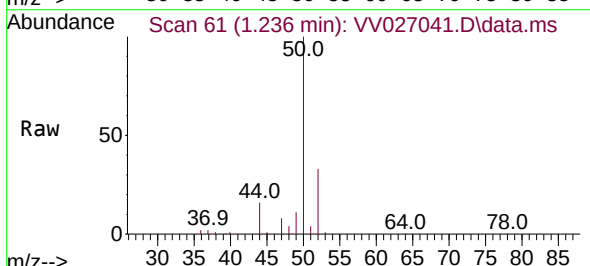
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010238

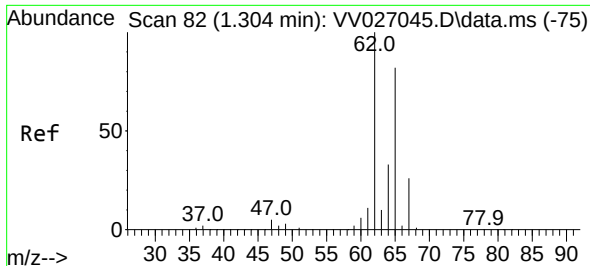
Tgt Ion: 85 Resp: 64256
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.1 39.1



#3
 Chloromethane
 Concen: 10.627 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

Tgt Ion: 50 Resp: 57622
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.5 43.7

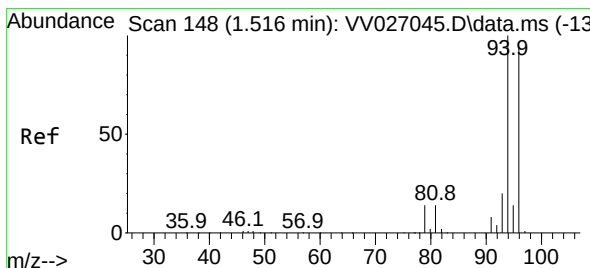
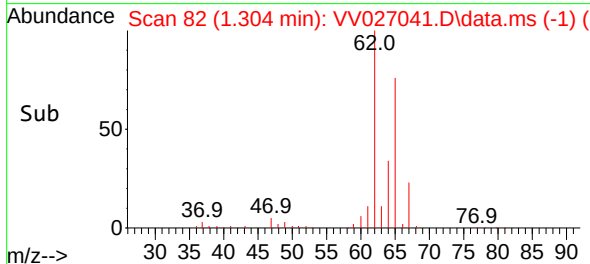
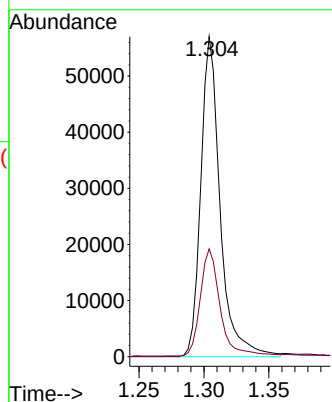
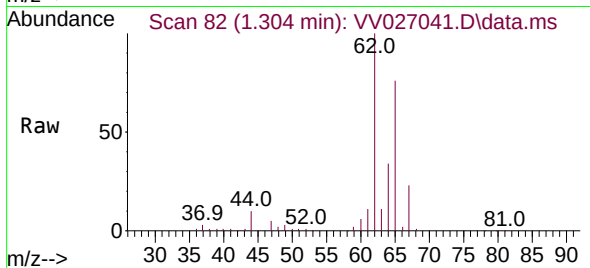




#5
 Vinyl chloride
 Concen: 10.284 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

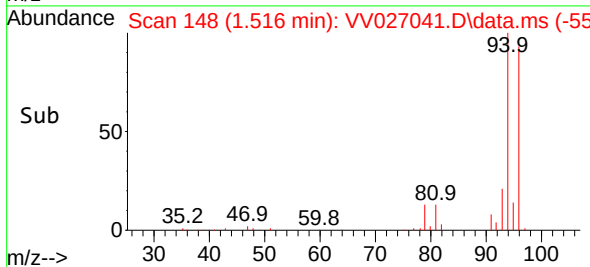
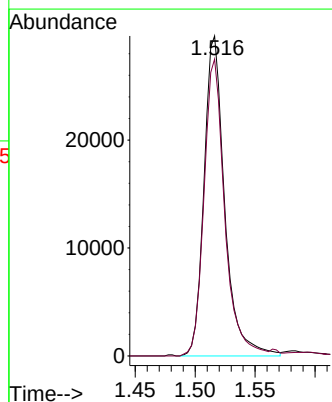
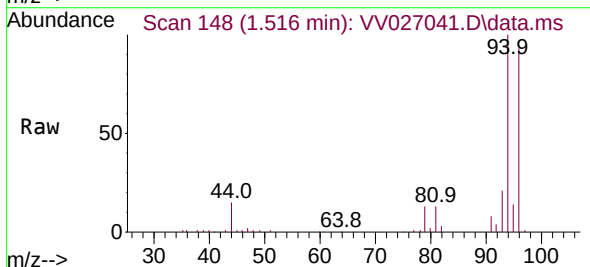
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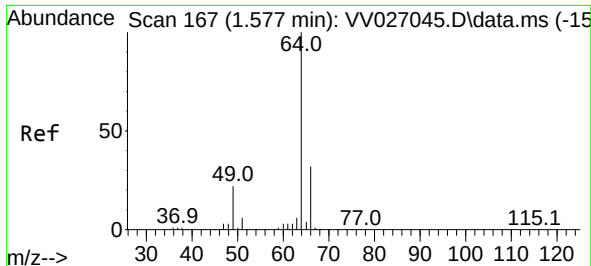
Tgt Ion: 62 Resp: 59147
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#6
 Bromomethane
 Concen: 10.093 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

Tgt Ion: 94 Resp: 35648
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.1 122.8

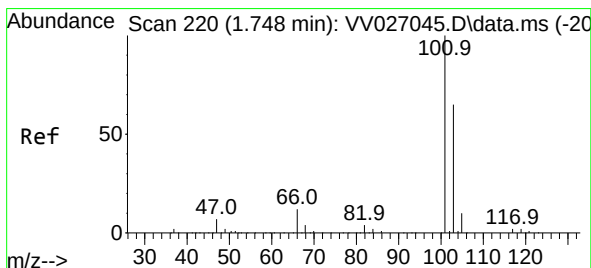
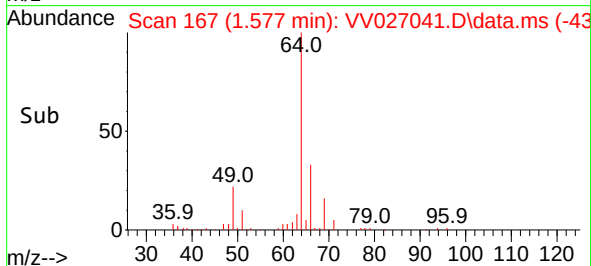
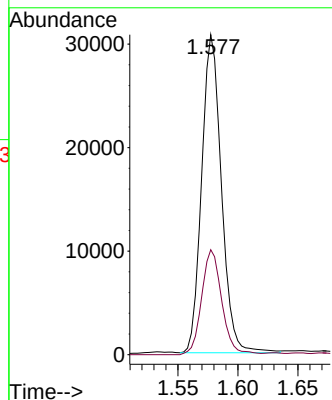
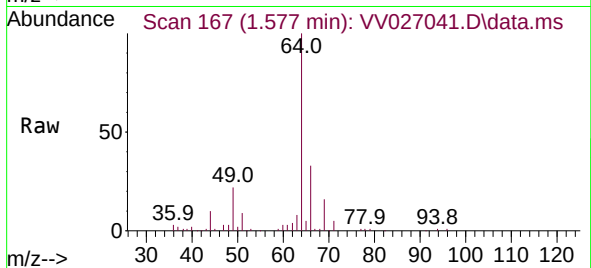




#8
Chloroethane
Concen: 10.440 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

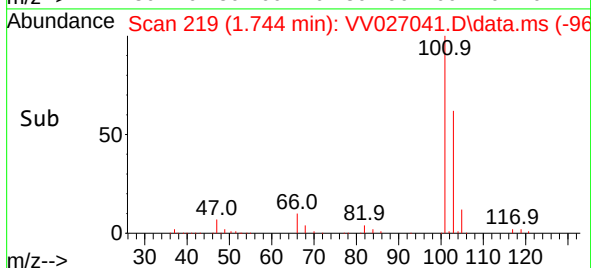
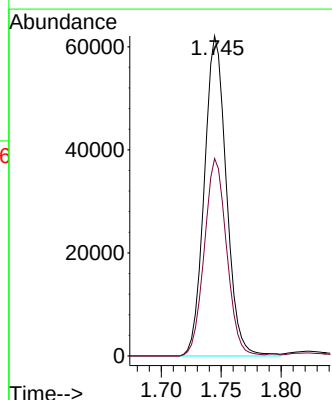
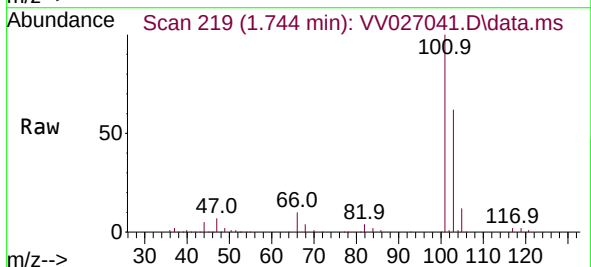
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ClientSampleId :
VSTD010238

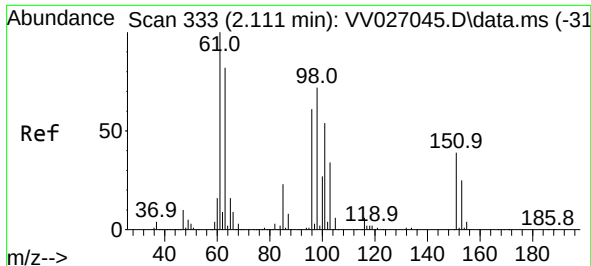
Tgt Ion: 64 Resp: 35253
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 10.765 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:101 Resp: 79432
Ion Ratio Lower Upper
101 100
103 62.5 52.4 78.6

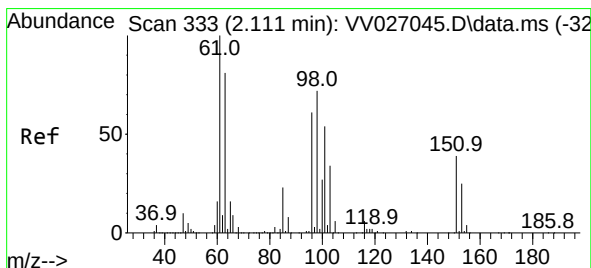
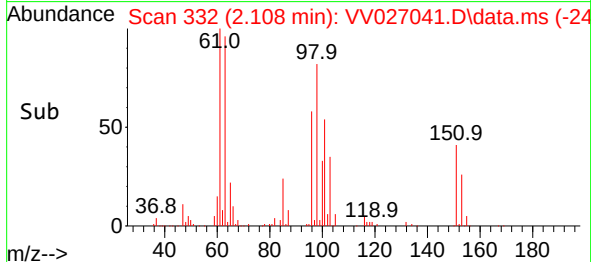
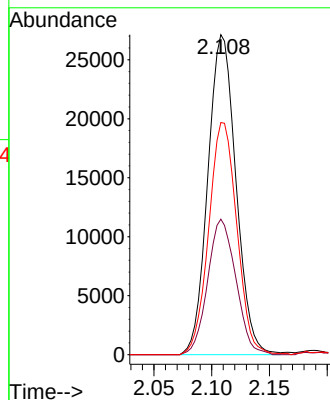
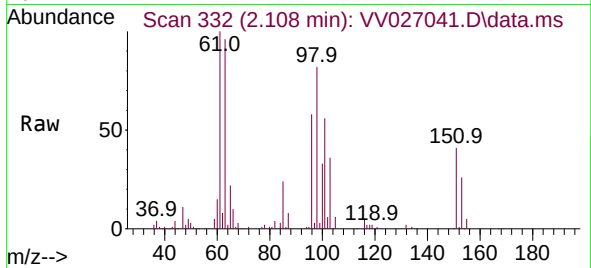




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.799 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

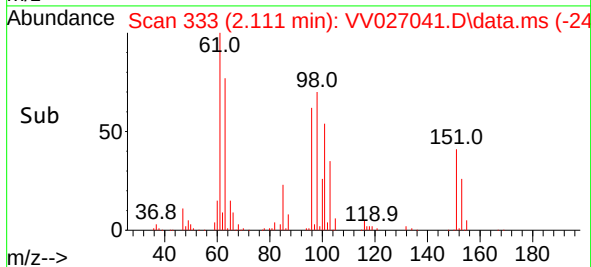
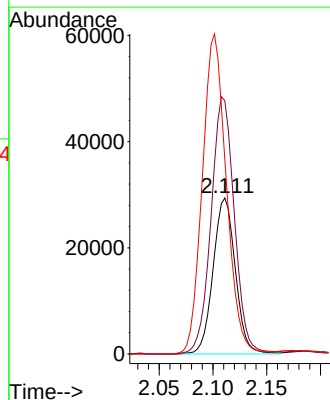
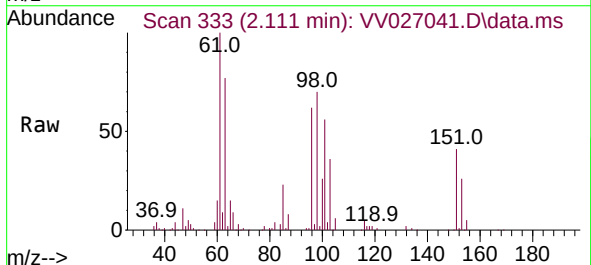
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010238

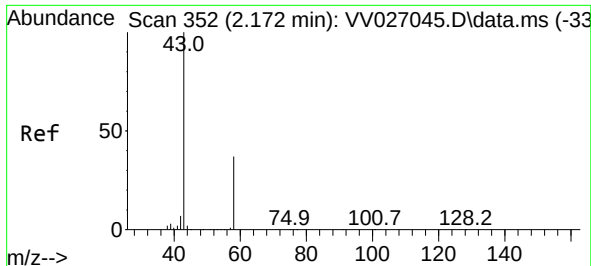
Tgt Ion:101 Resp: 45997
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.1 51.1
 151 72.4 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 10.154 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

Tgt Ion: 96 Resp: 42259
 Ion Ratio Lower Upper
 96 100
 61 162.3 114.3 212.3
 63 124.4 93.4 173.4





#13

Acetone

Concen: 16.764 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

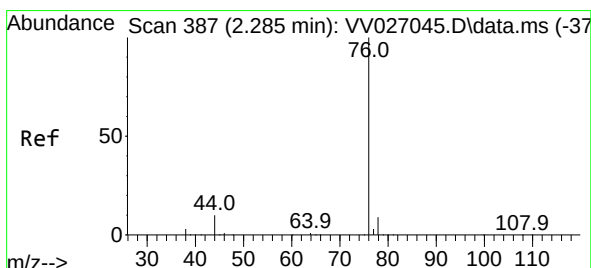
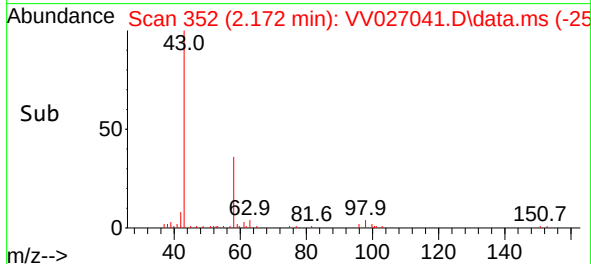
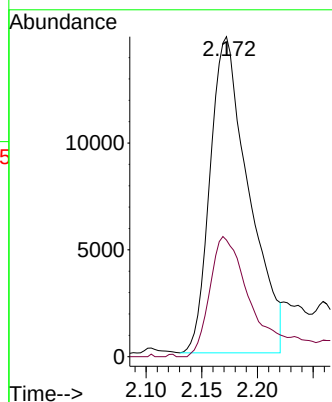
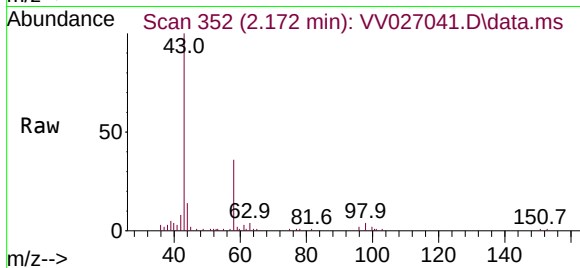
VSTD010238

Tgt Ion: 43 Resp: 35785

Ion Ratio Lower Upper

43 100

58 39.1 0.0 49.6



#14

Carbon disulfide

Concen: 9.916 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV027041.D

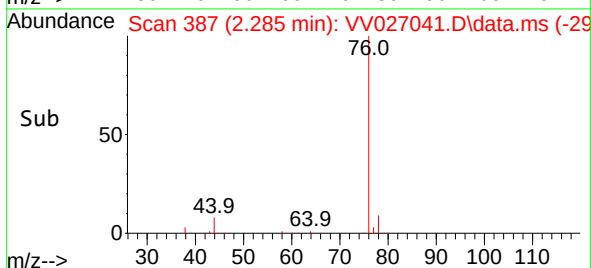
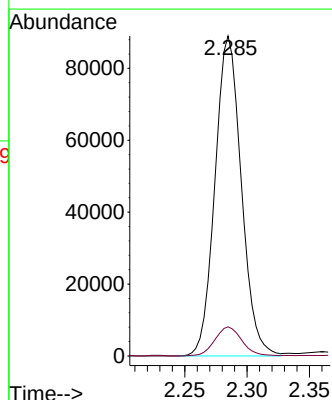
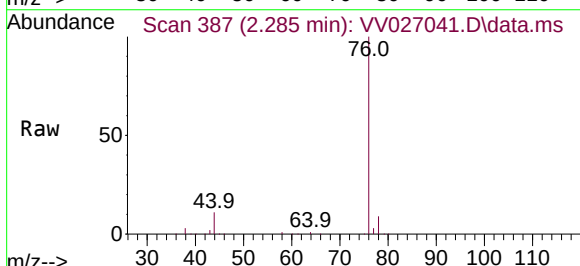
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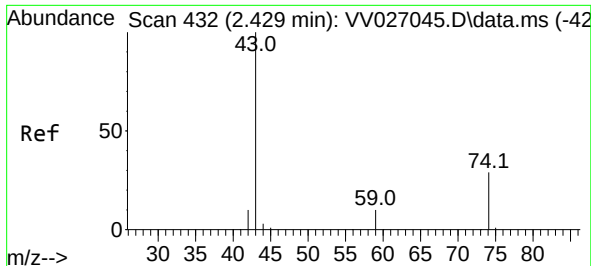
Tgt Ion: 76 Resp: 130929

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

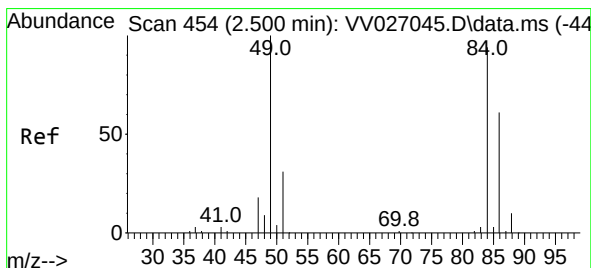
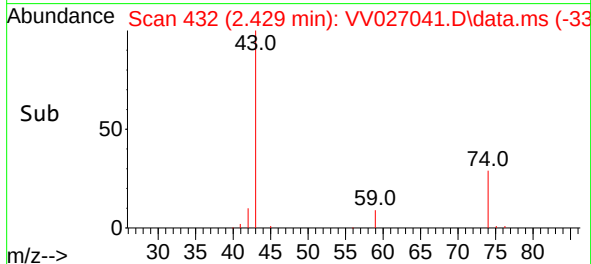
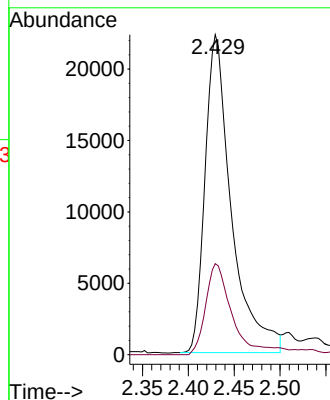
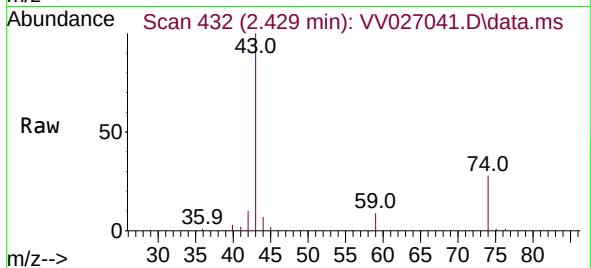




#15
Methyl Acetate
Concen: 11.683 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

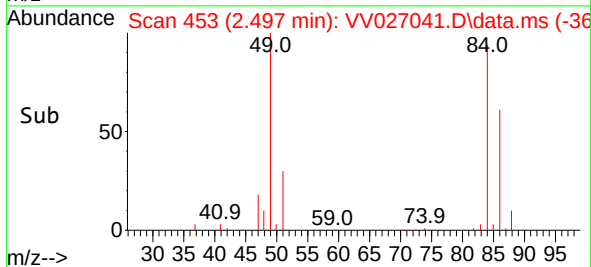
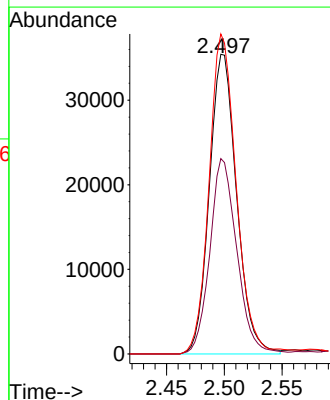
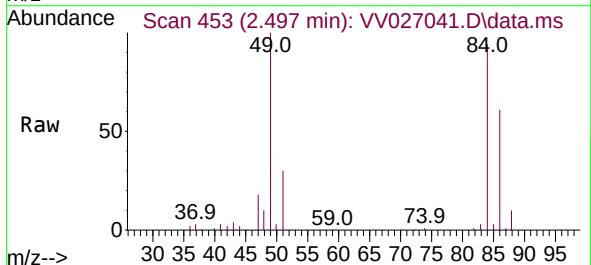
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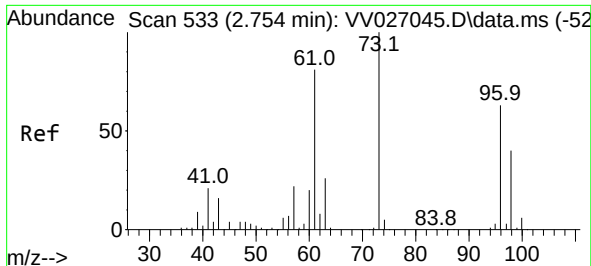
Tgt Ion: 43 Resp: 44570
Ion Ratio Lower Upper
43 100
74 28.1 25.5 38.3



#16
Methylene chloride
Concen: 11.000 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 84 Resp: 58354
Ion Ratio Lower Upper
84 100
86 65.2 45.0 83.6
49 106.8 74.1 137.7

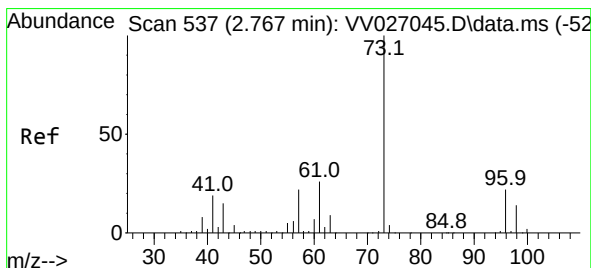
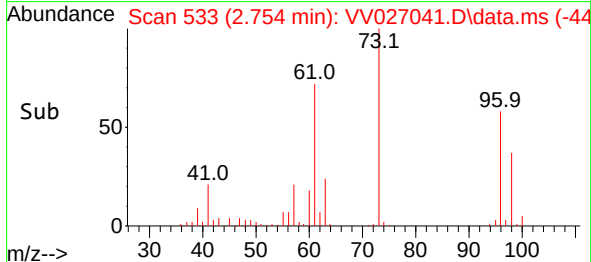
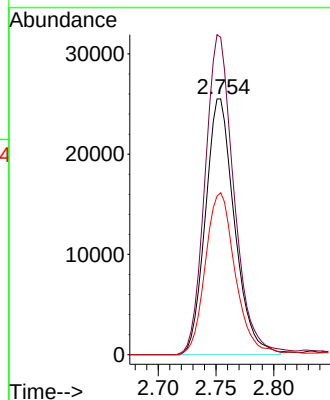
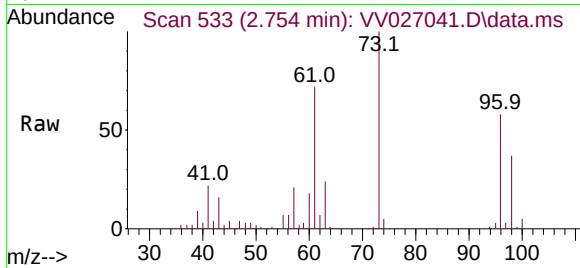




#17
trans-1,2-Dichloroethene
Concen: 9.812 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

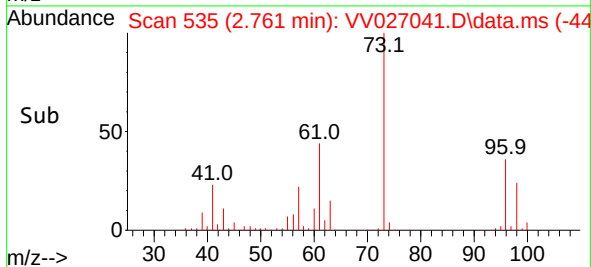
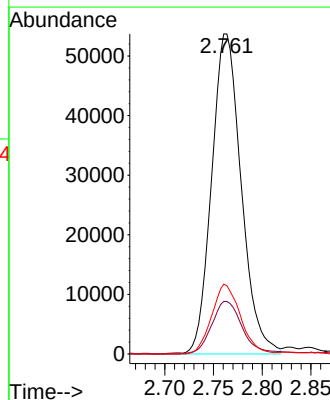
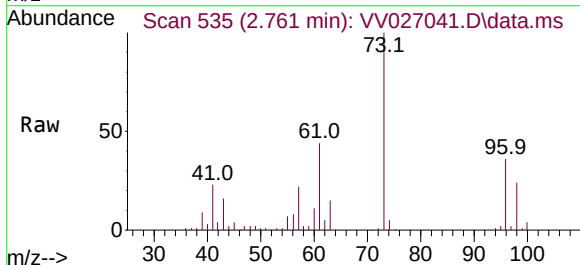
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

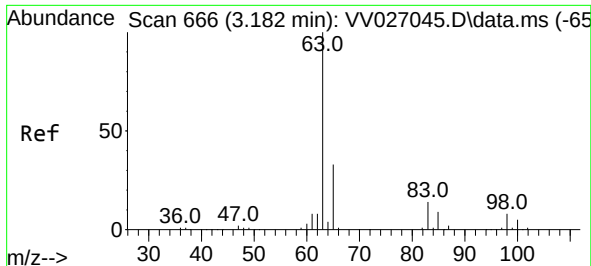
Tgt Ion: 96 Resp: 44709
Ion Ratio Lower Upper
96 100
61 124.1 89.2 165.6
98 63.3 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 9.054 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.006 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 73 Resp: 113305
Ion Ratio Lower Upper
73 100
43 16.4 12.6 18.8
57 21.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 10.388 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010238

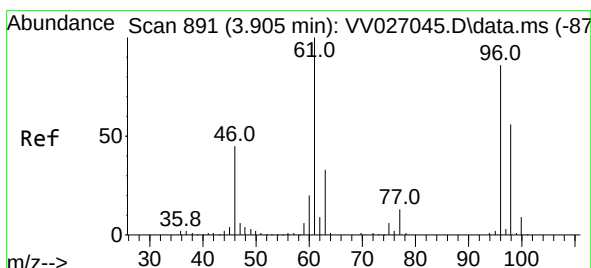
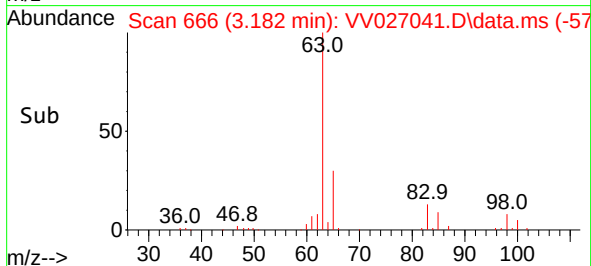
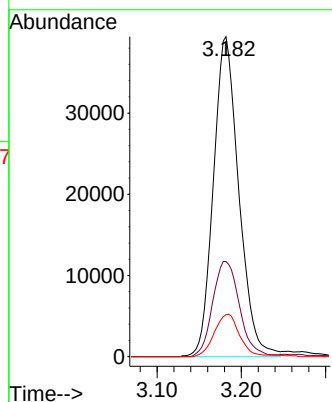
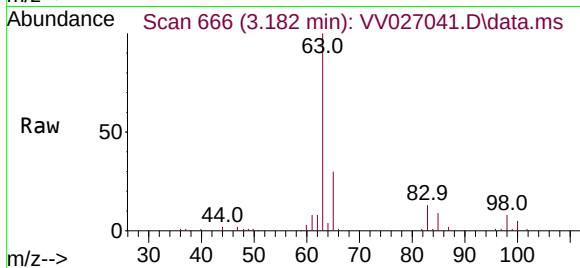
Tgt Ion: 63 Resp: 82653

Ion Ratio Lower Upper

63 100

65 29.7 22.7 42.3

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 9.438 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

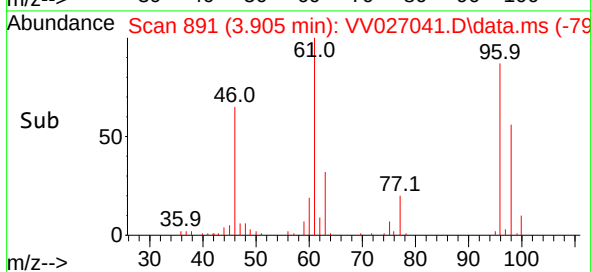
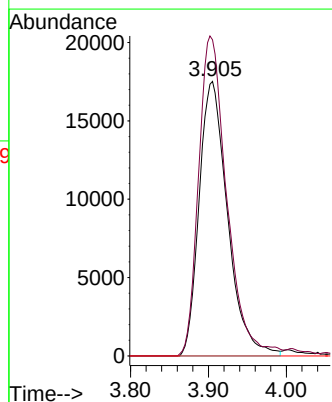
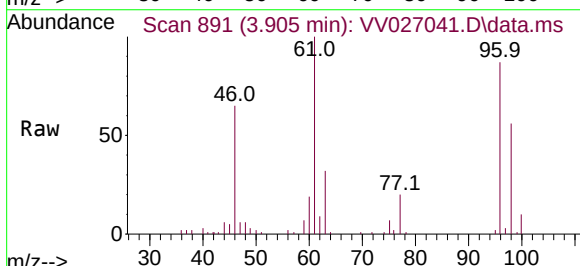
Tgt Ion: 96 Resp: 44471

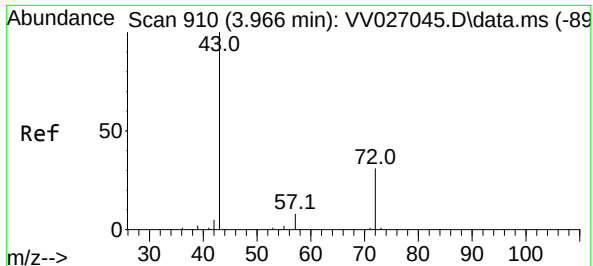
Ion Ratio Lower Upper

96 100

61 115.1 81.8 151.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 15.238 ug/L

RT: 3.976 min Scan# 910

Delta R.T. 0.010 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

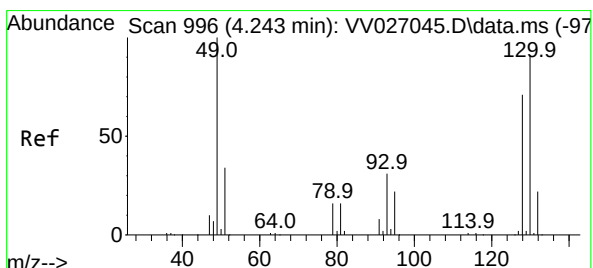
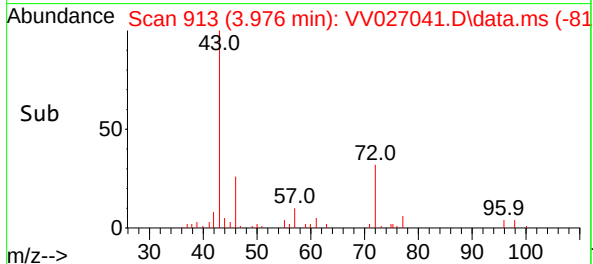
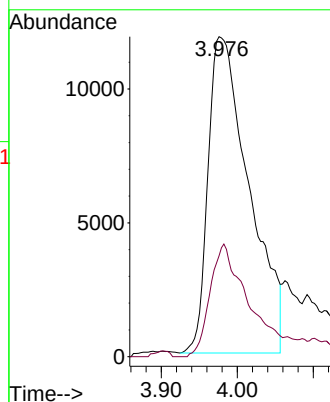
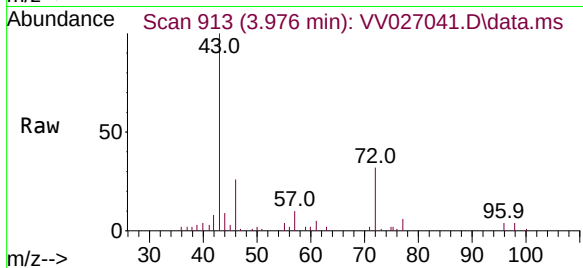
VSTD010238

Tgt Ion: 43 Resp: 44410

Ion Ratio Lower Upper

43 100

72 33.0 11.9 35.7



#23

Bromochloromethane

Concen: 10.178 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.003 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Tgt Ion: 128 Resp: 25833

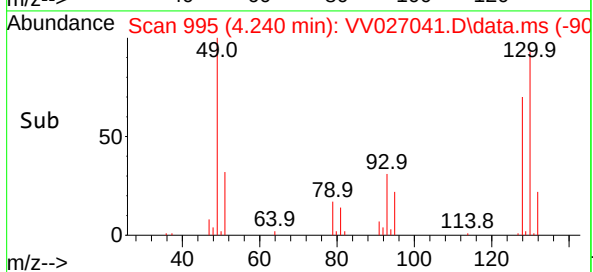
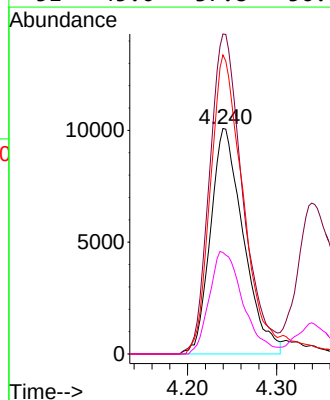
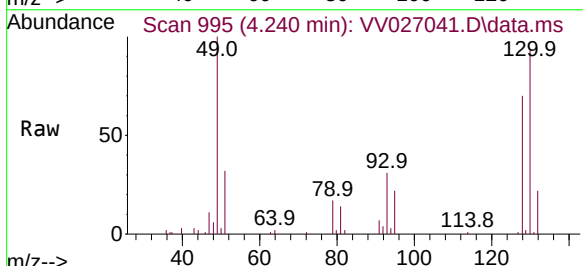
Ion Ratio Lower Upper

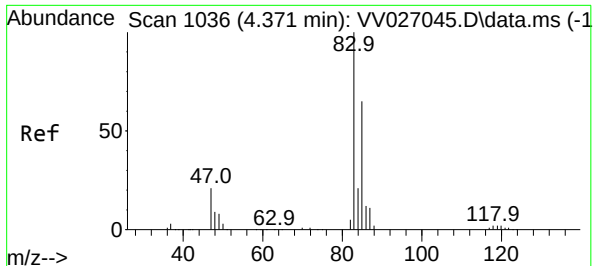
128 100

49 141.9 98.7 183.3

130 132.6 89.5 166.1

51 45.0 37.8 56.8

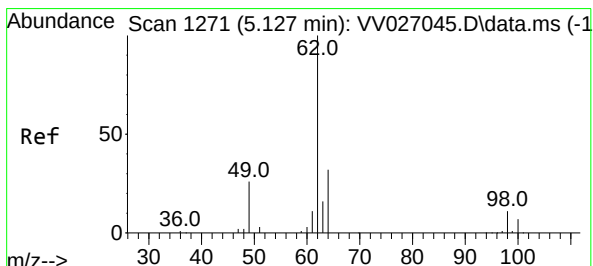
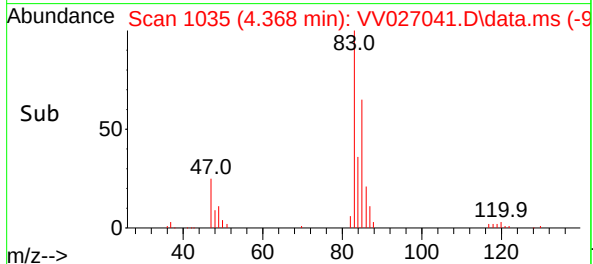
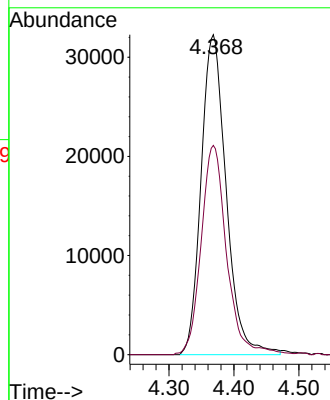
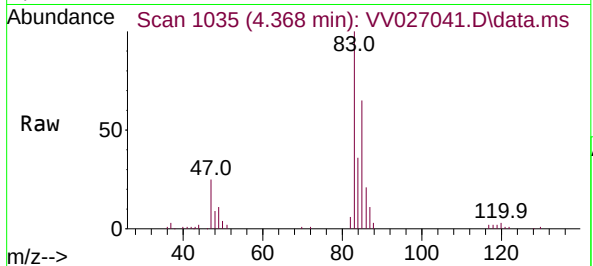




#25
Chloroform
Concen: 10.333 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

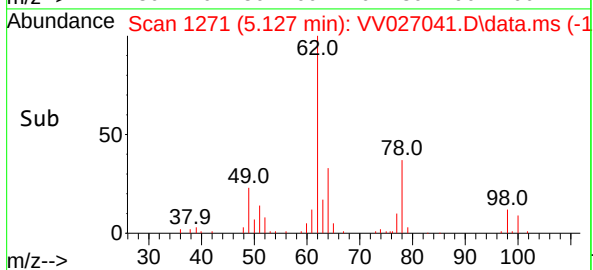
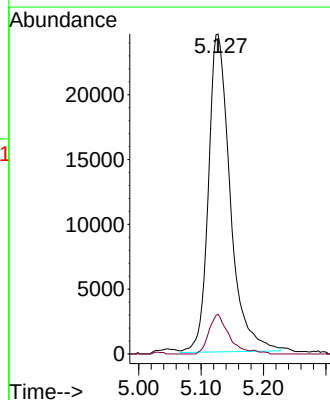
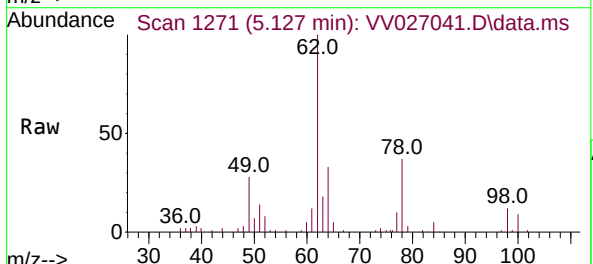
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

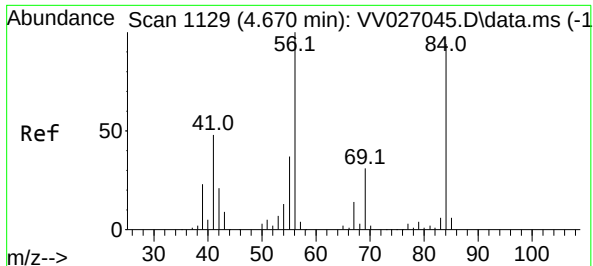
Tgt Ion: 83 Resp: 86679
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 10.331 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 62 Resp: 59632
Ion Ratio Lower Upper
62 100
98 12.4 9.0 13.6





#29

Cyclohexane

Concen: 8.534 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD010238

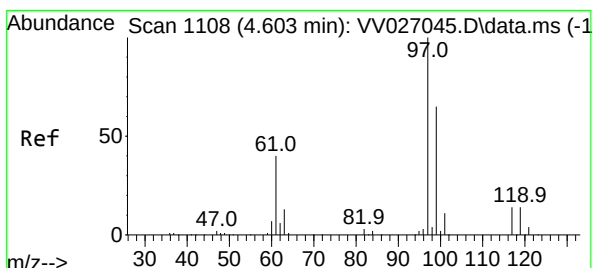
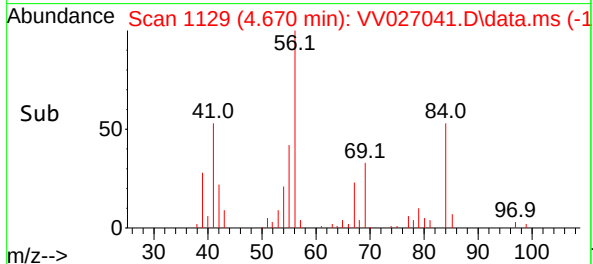
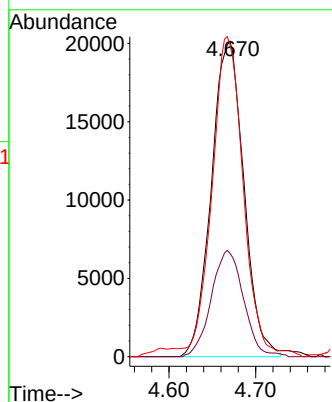
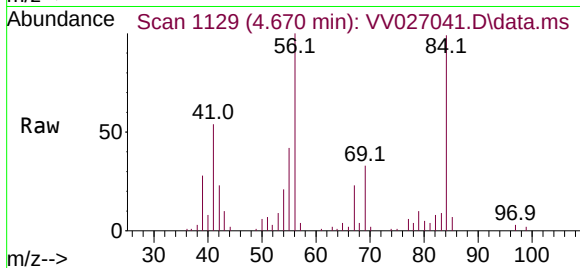
Tgt Ion: 56 Resp: 52435

Ion Ratio Lower Upper

56 100

69 33.5 25.9 38.9

84 92.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 10.016 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

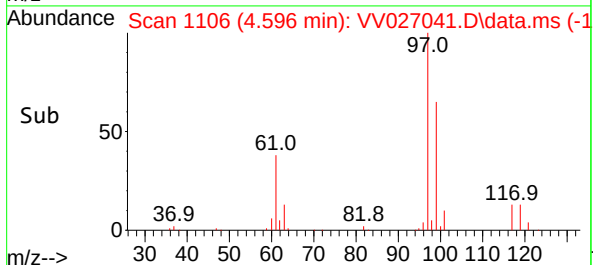
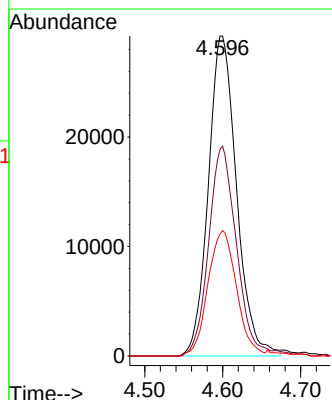
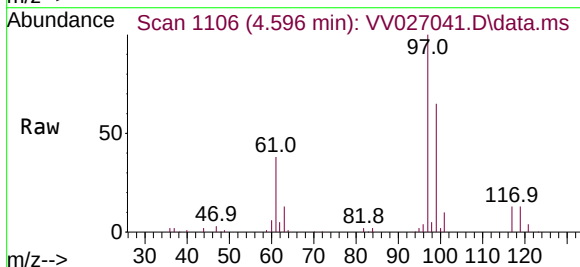
Tgt Ion: 97 Resp: 73514

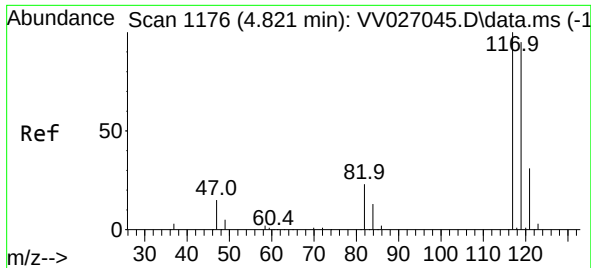
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 39.6 32.1 48.1

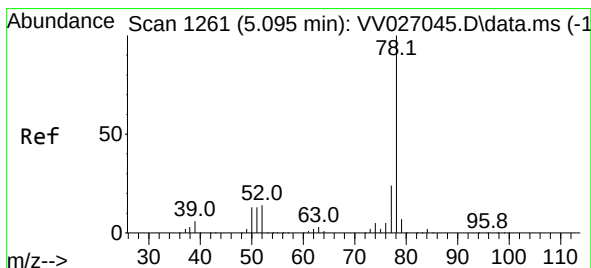
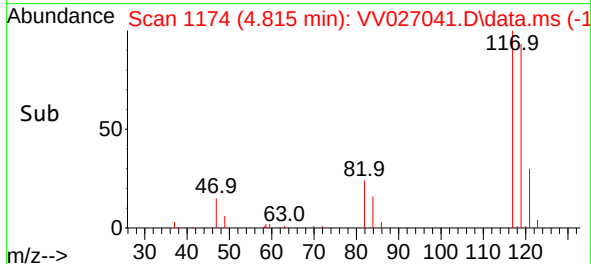
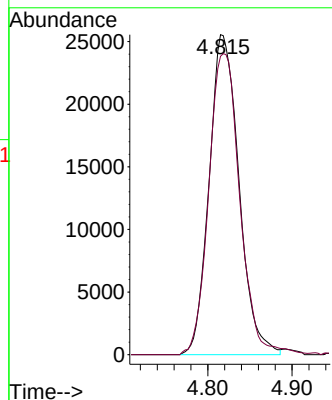
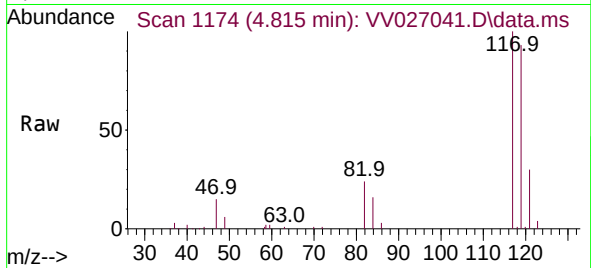




#31
Carbon tetrachloride
Concen: 9.825 ug/L
RT: 4.815 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

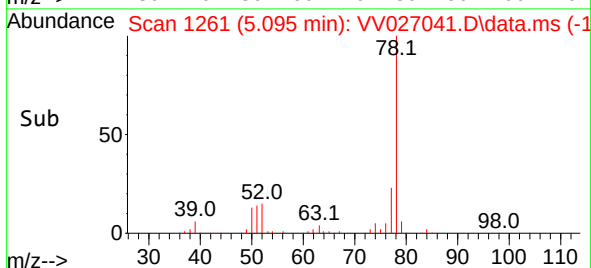
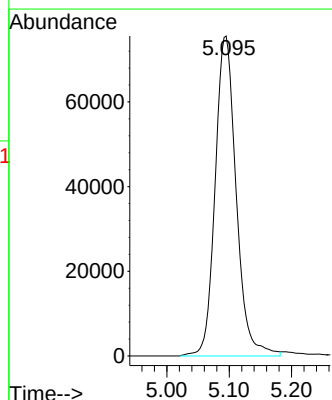
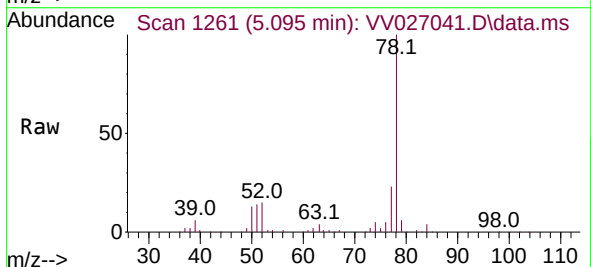
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

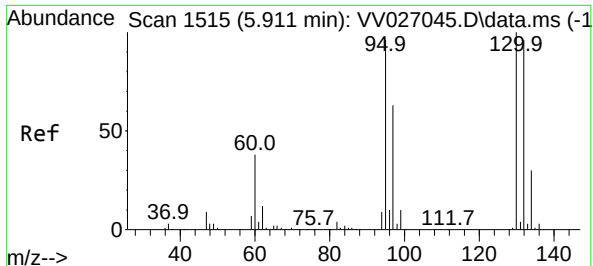
Tgt Ion:117 Resp: 62777
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.6



#33
Benzene
Concen: 9.597 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 78 Resp: 176865



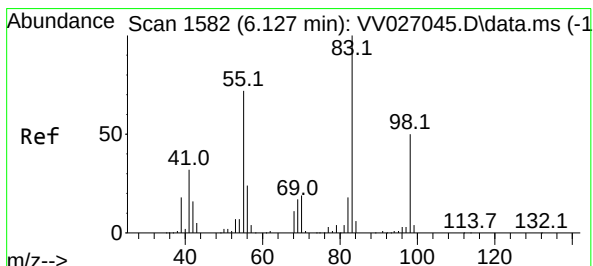
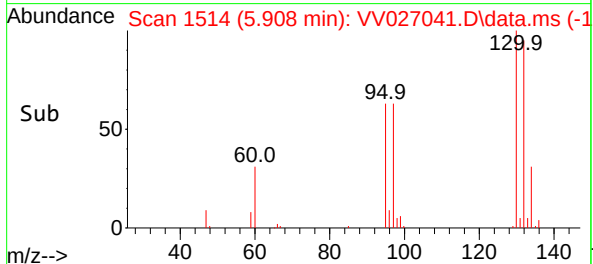
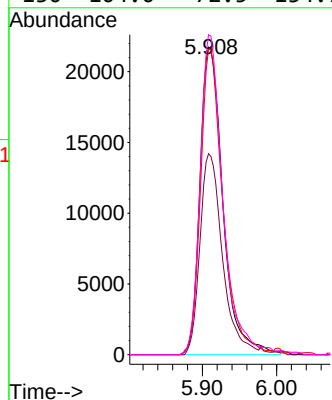
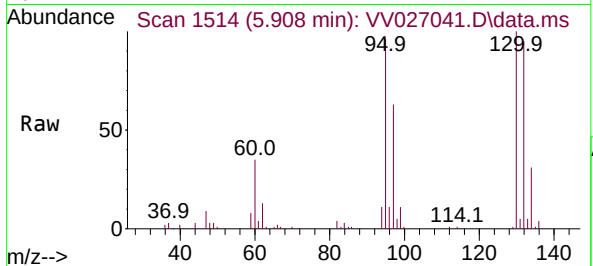


#34
Trichloroethene
Concen: 9.879 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

Tgt Ion: 95 Resp: 46858

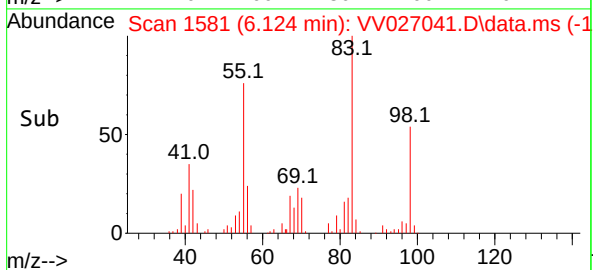
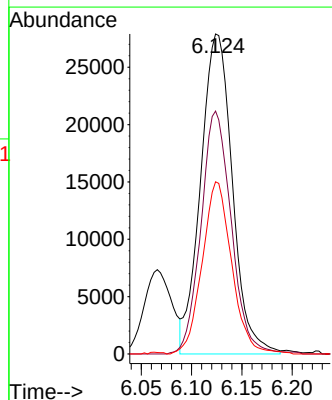
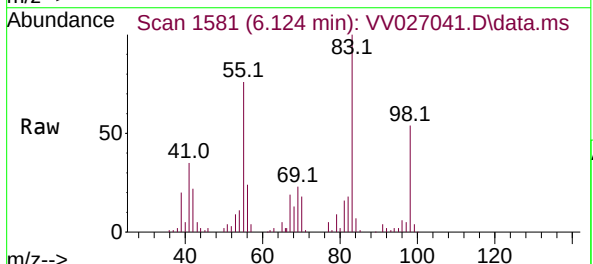
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	99.3	69.8	129.6
130	104.0	72.5	134.7

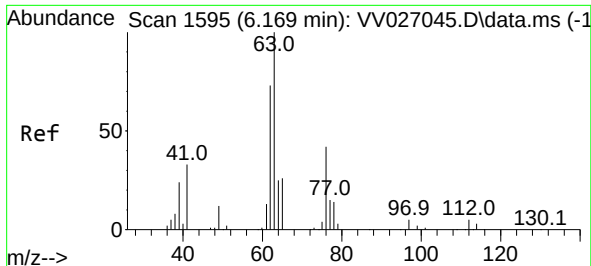


#35
Methylcyclohexane
Concen: 8.674 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 83 Resp: 61378

Ion	Ratio	Lower	Upper
83	100		
55	72.5	55.5	83.3
98	50.1	39.0	58.4





#37

1,2-Dichloropropane

Concen: 9.570 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

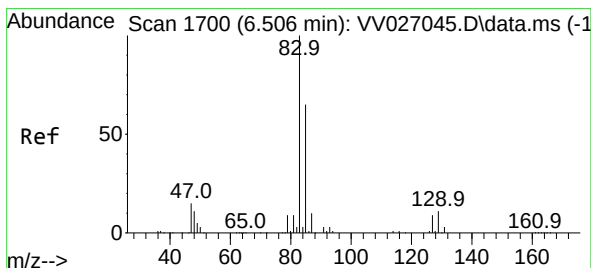
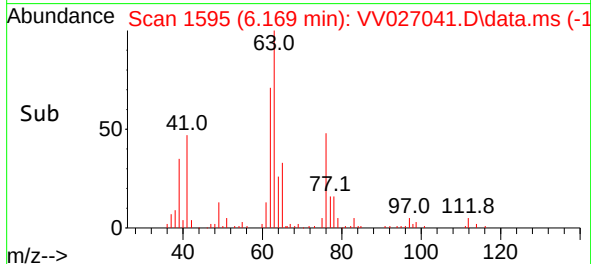
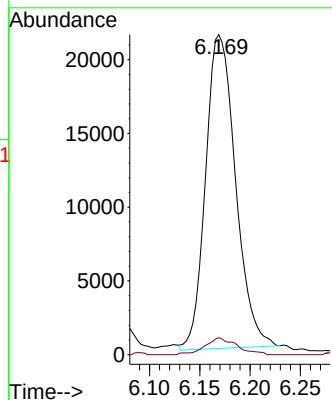
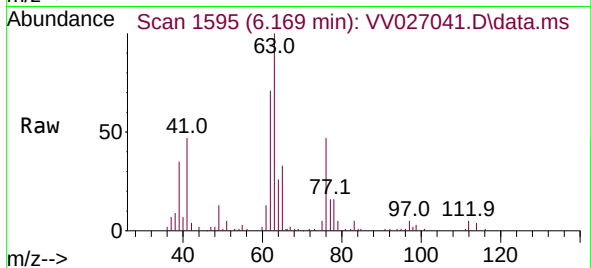
VSTD010238

Tgt Ion: 63 Resp: 44140

Ion Ratio Lower Upper

63 100

112 5.5 3.7 5.5#



#38

Bromodichloromethane

Concen: 9.895 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

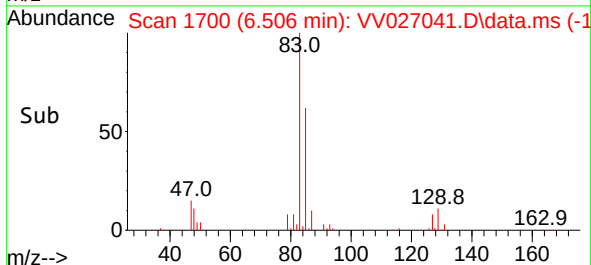
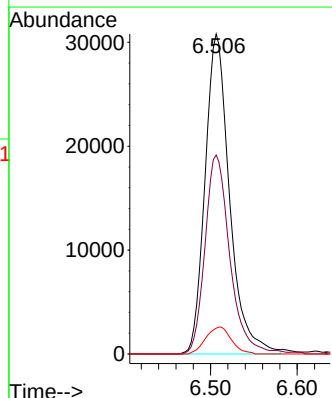
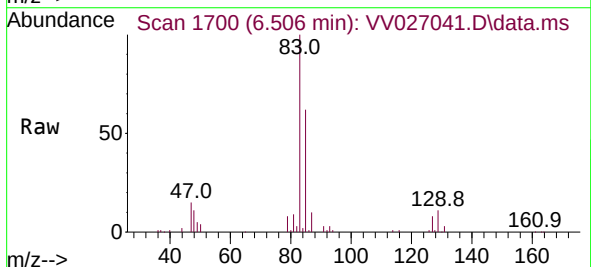
Tgt Ion: 83 Resp: 60620

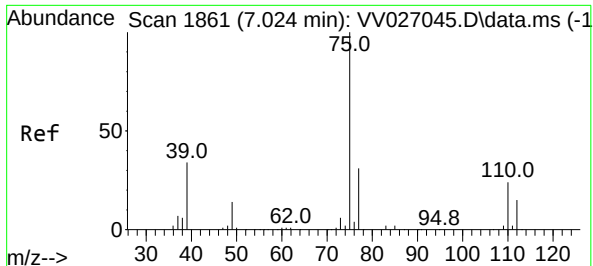
Ion Ratio Lower Upper

83 100

85 62.2 45.5 84.5

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 8.694 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

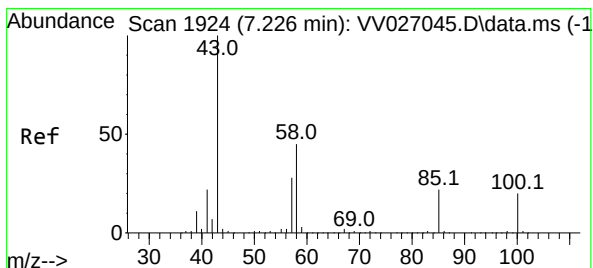
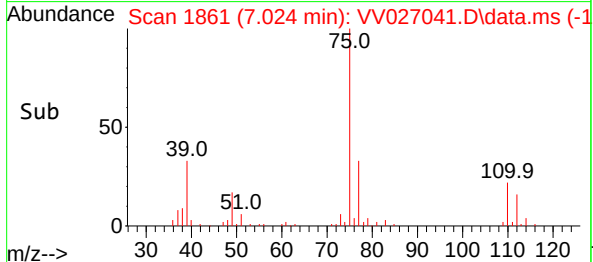
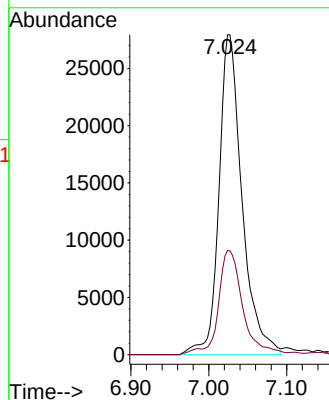
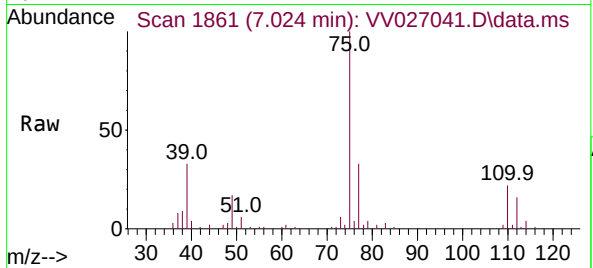
VSTD010238

Tgt Ion: 75 Resp: 57521

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 16.192 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

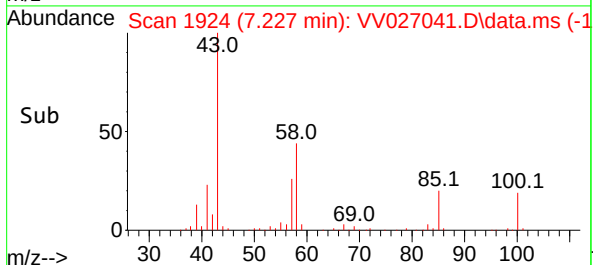
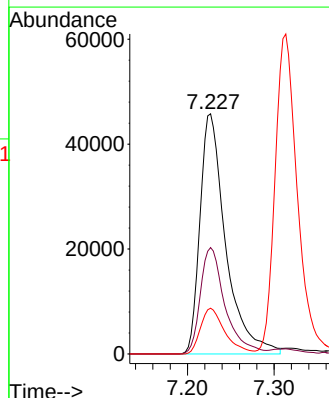
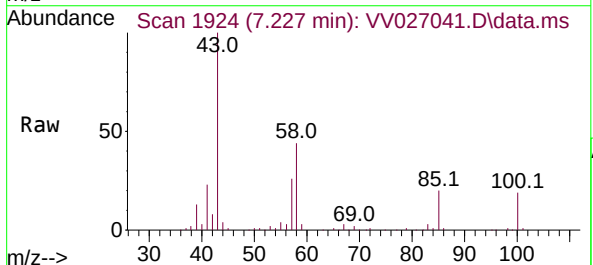
Tgt Ion: 43 Resp: 94461

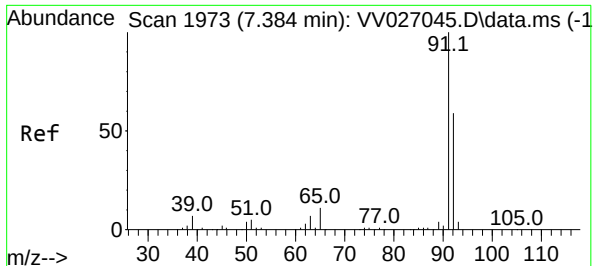
Ion Ratio Lower Upper

43 100

58 42.6 35.3 52.9

100 18.1 15.7 23.5





#42

Toluene

Concen: 9.273 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027041.D

Acq: 28 Jul 2022 16:17

Instrument :

MSVOA_V

ClientSampleId :

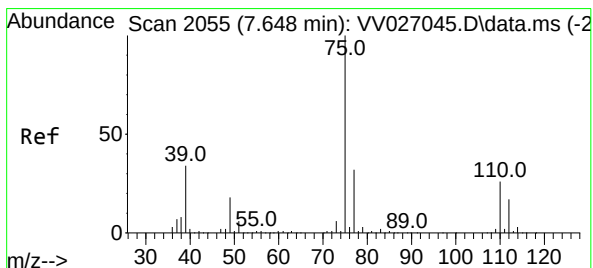
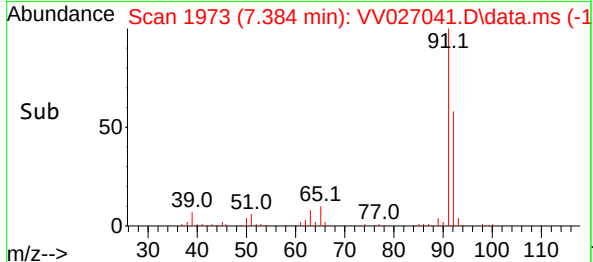
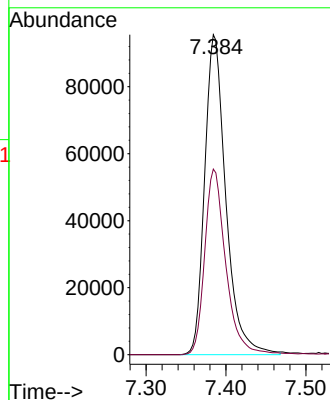
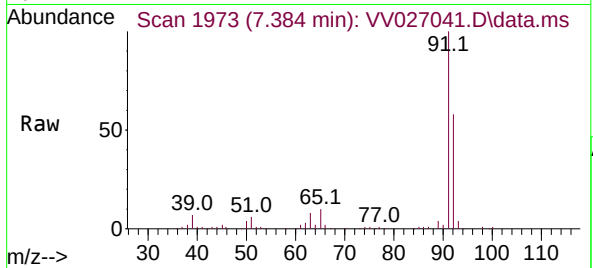
VSTD010238

Tgt Ion: 91 Resp: 176195

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 8.665 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027041.D

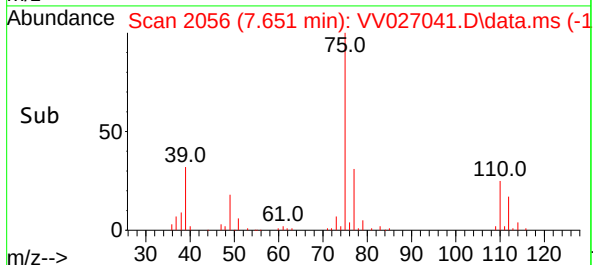
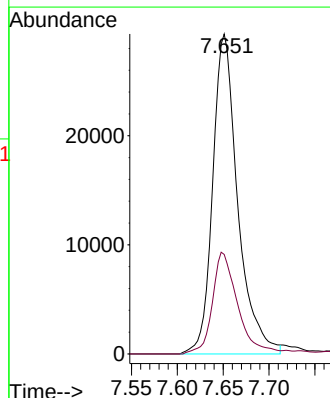
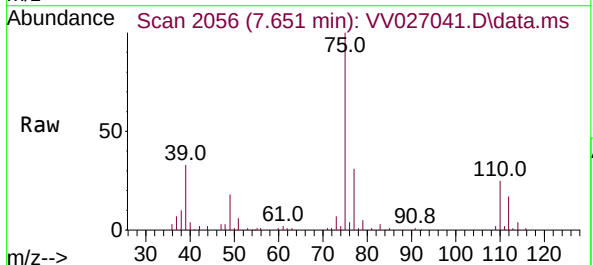
Acq: 28 Jul 2022 16:17

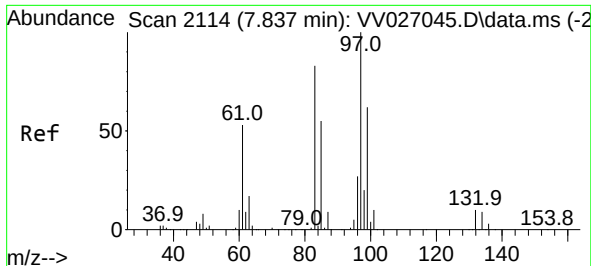
Tgt Ion: 75 Resp: 55742

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0

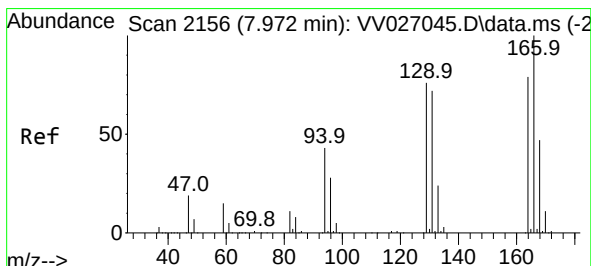
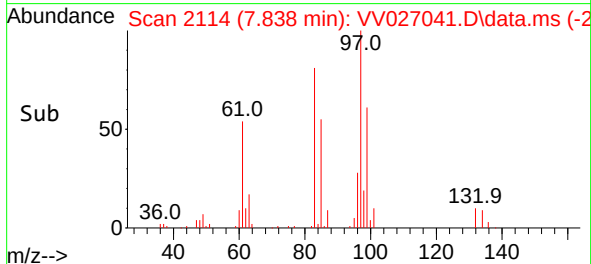
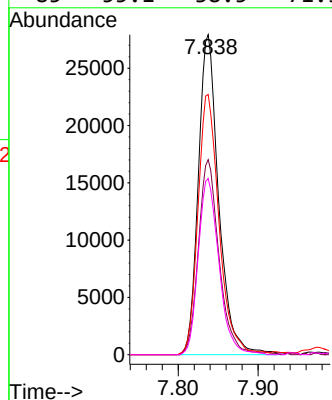
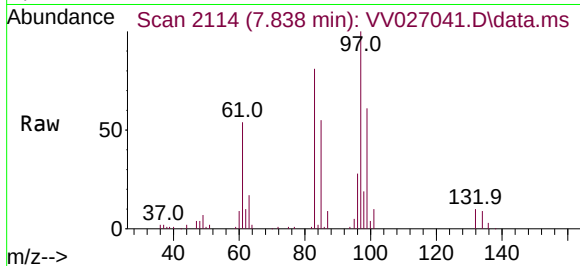




#45
1,1,2-Trichloroethane
Concen: 10.071 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

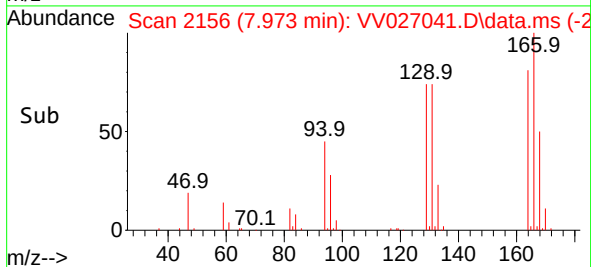
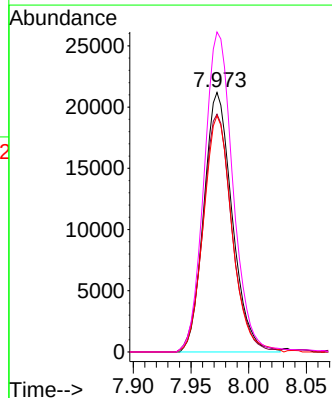
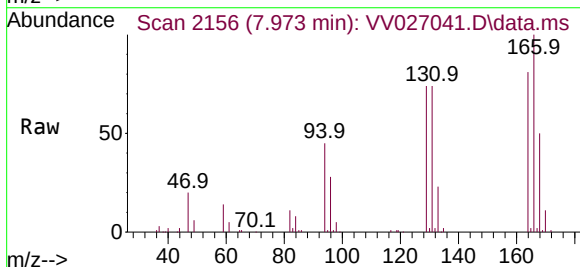
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

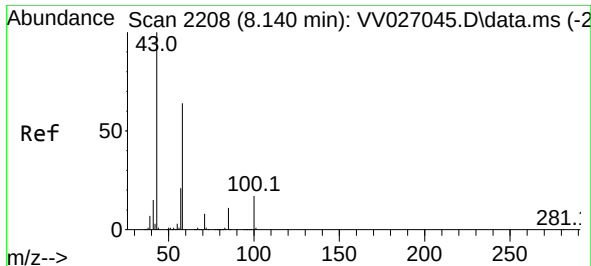
Tgt Ion:	97	Resp:	49728
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.2	80.2
83	81.3	58.0	107.6
85	55.1	38.5	71.5



#46
Tetrachloroethene
Concen: 9.764 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:	164	Resp:	36222
Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.5	125.4
131	91.0	64.3	119.3
166	123.3	88.9	165.1

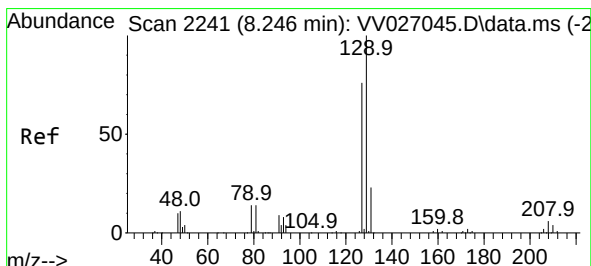
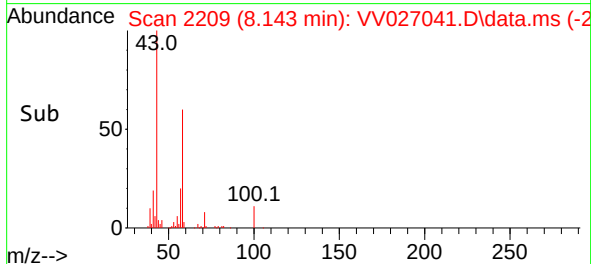
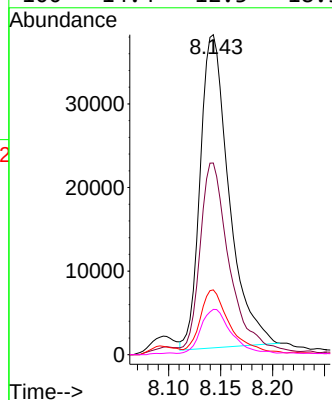
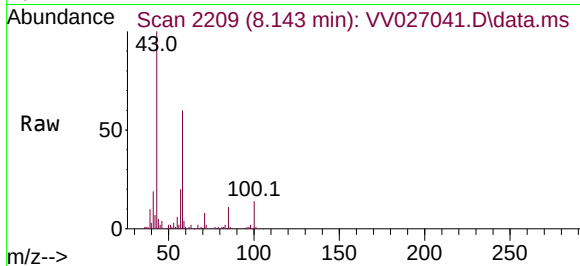




#48
2-Hexanone
Concen: 15.723 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

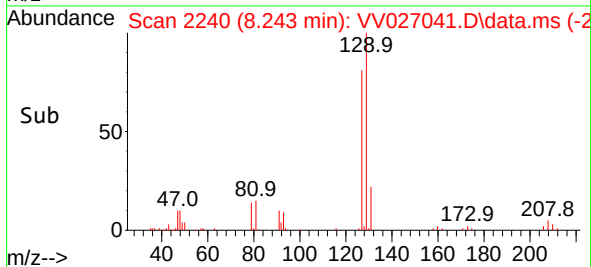
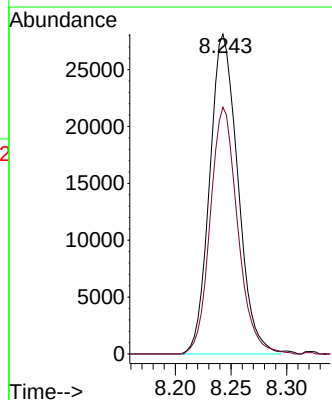
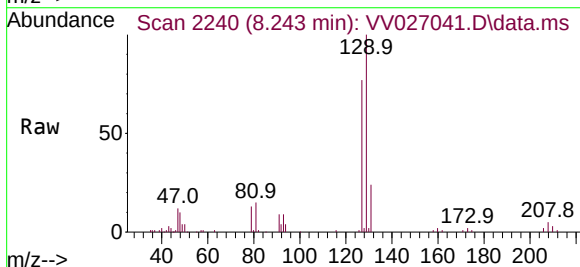
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

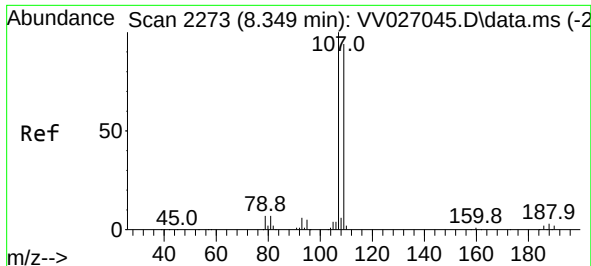
Tgt Ion: 43	Resp: 72284
Ion Ratio	Lower Upper
43 100	
58 61.8	50.8 76.2
57 21.0	17.1 25.7
100 14.4	12.3 18.5



#49
Dibromochloromethane
Concen: 9.744 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:129	Resp:	49481	
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.3	98.9

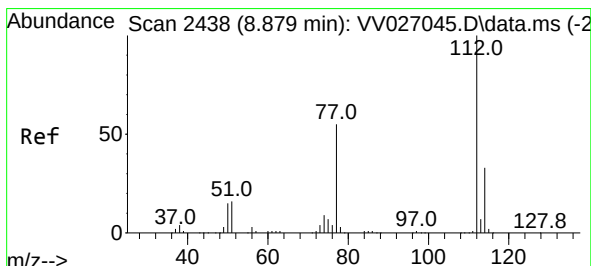
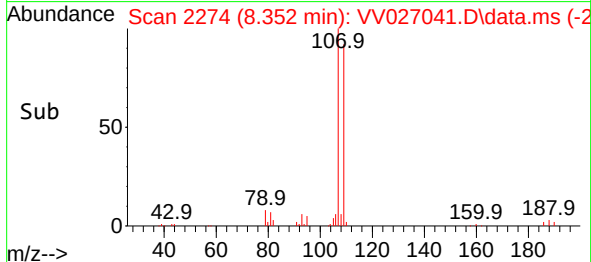
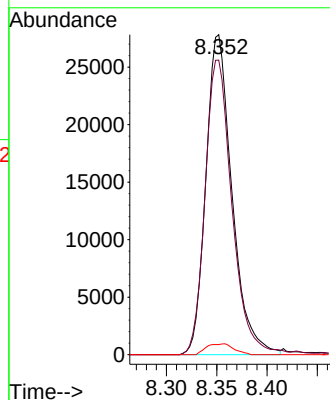
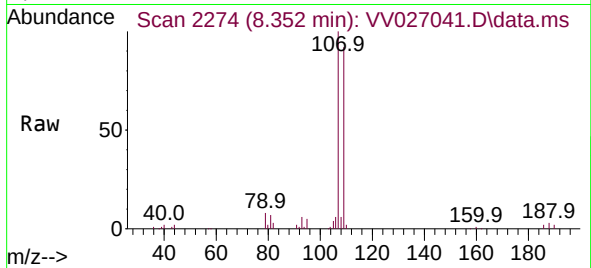




#50
1,2-Dibromoethane
Concen: 9.710 ug/L
RT: 8.352 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

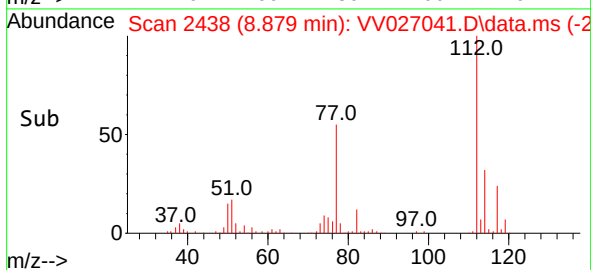
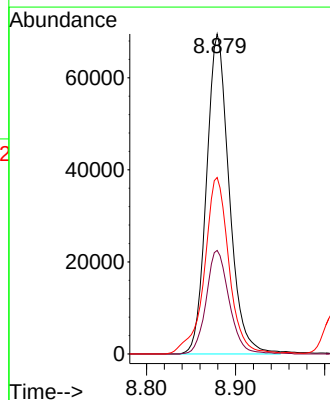
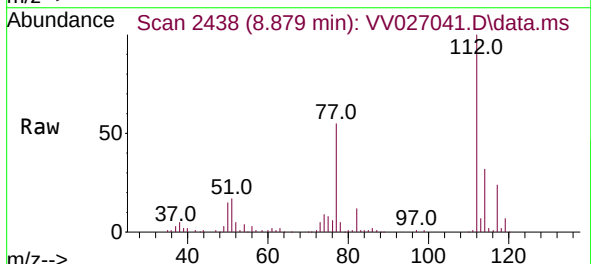
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

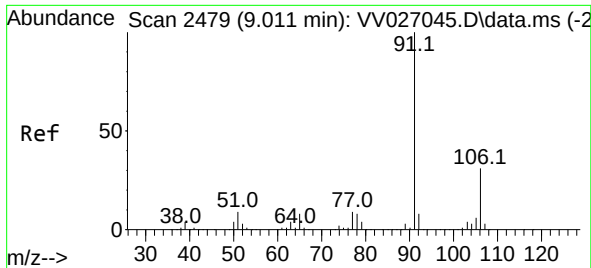
Tgt Ion:107 Resp: 50281
Ion Ratio Lower Upper
107 100
109 92.0 65.7 121.9
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 9.600 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:112 Resp: 123011
Ion Ratio Lower Upper
112 100
114 32.3 22.8 42.4
77 55.2 44.2 66.2

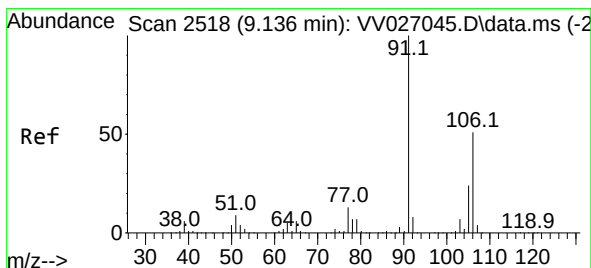
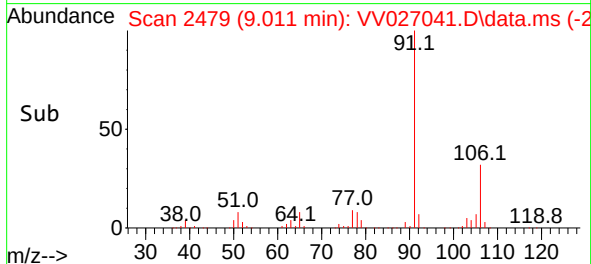
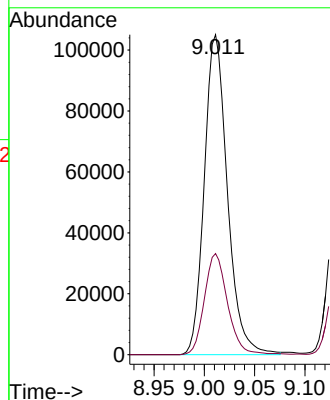
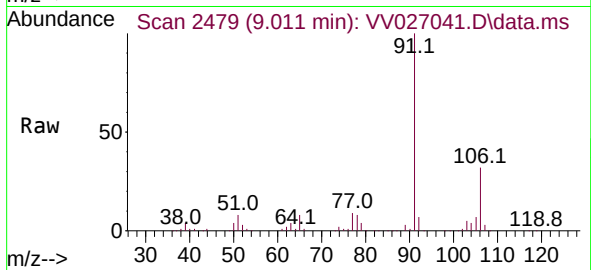




#52
Ethylbenzene
Concen: 8.724 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

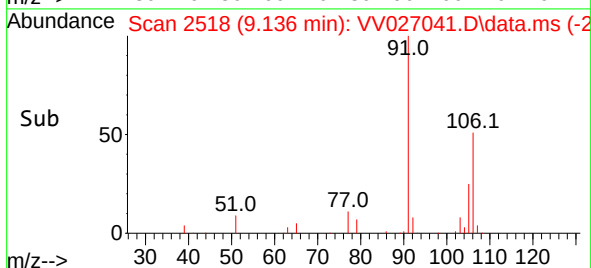
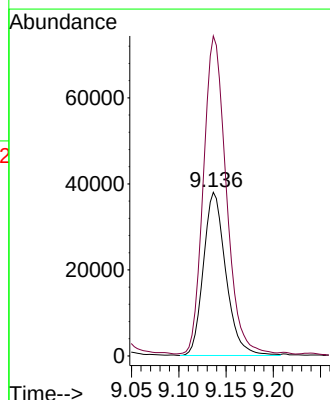
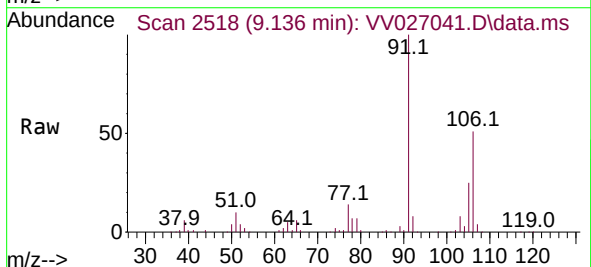
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

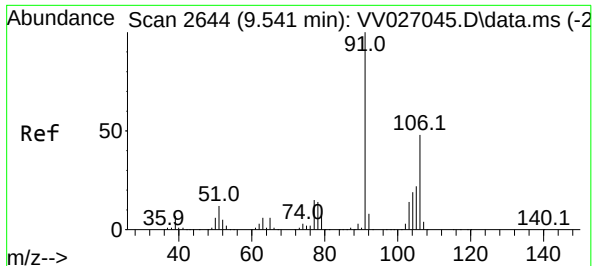
Tgt Ion: 91 Resp: 167834
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 8.269 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 106 Resp: 62577
Ion Ratio Lower Upper
106 100
91 195.4 137.5 255.3

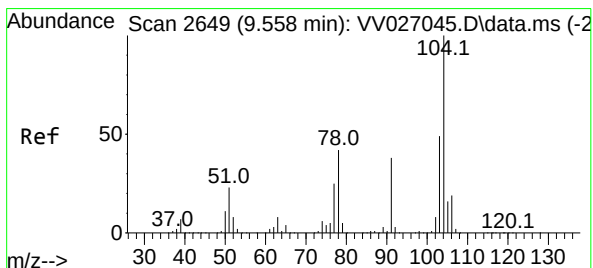
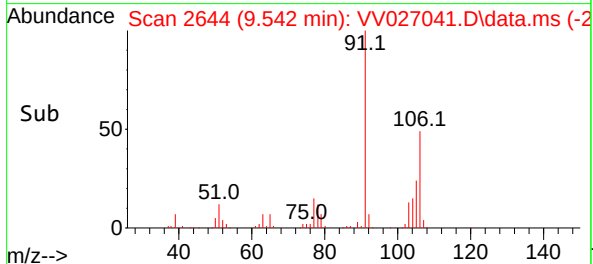
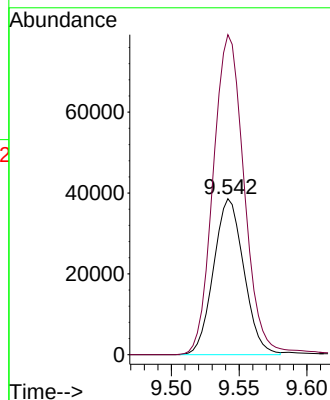
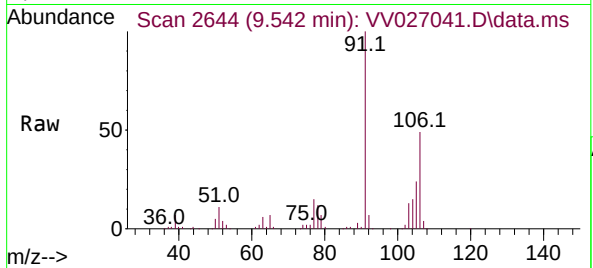




#54
o-Xylene
Concen: 8.244 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

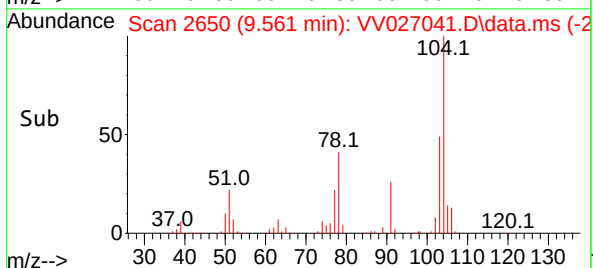
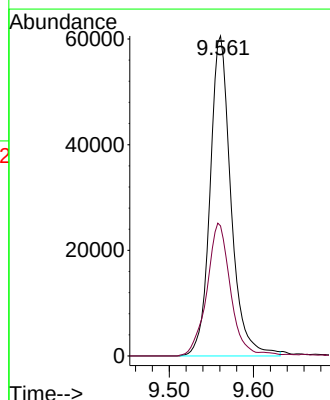
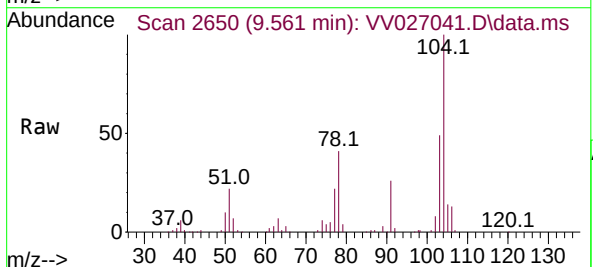
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

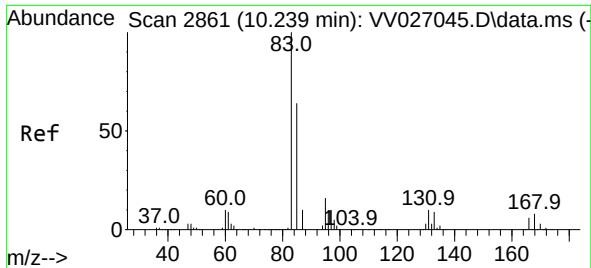
Tgt Ion:106 Resp: 60079
Ion Ratio Lower Upper
106 100
91 205.1 146.6 272.2



#55
Styrene
Concen: 8.189 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:104 Resp: 104443
Ion Ratio Lower Upper
104 100
78 40.7 29.6 55.0

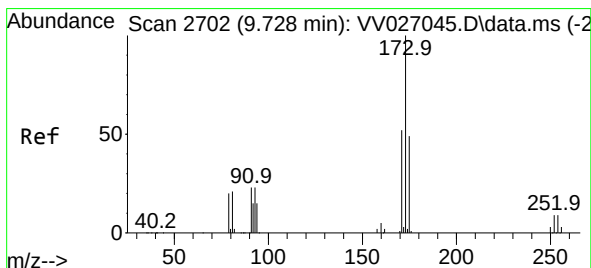
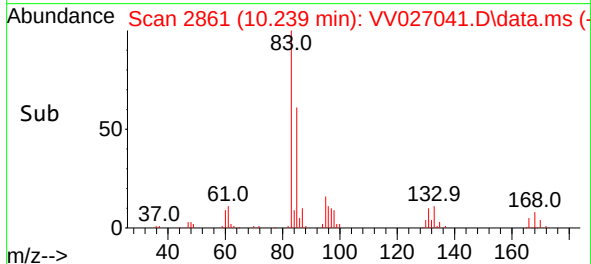
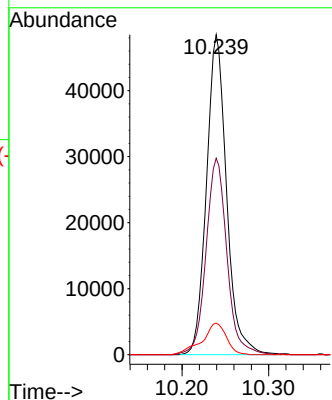
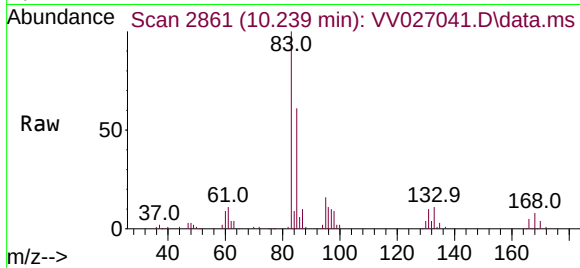




#57
1,1,2,2-Tetrachloroethane
Concen: 9.806 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

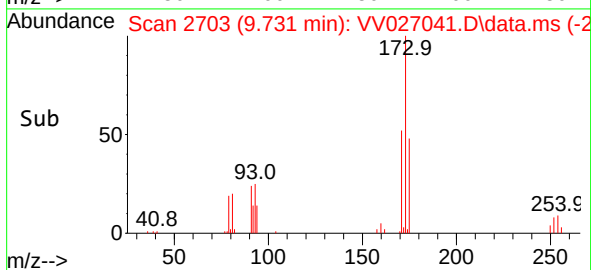
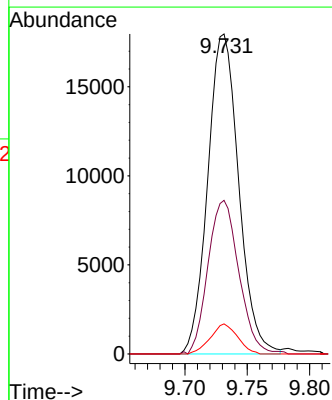
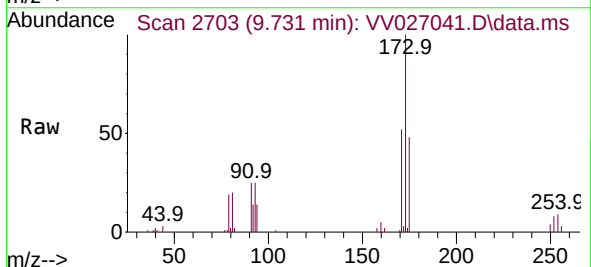
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

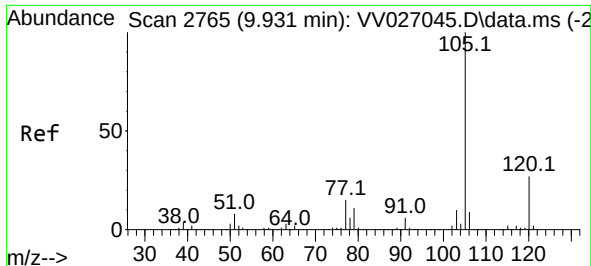
Tgt Ion:	83	Resp:	78065
Ion Ratio	Lower	Upper	
83	100		
85	61.4	45.2	84.0
131	9.8	8.1	12.1



#59
Bromoform
Concen: 9.620 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:	173	Resp:	31049
Ion Ratio	Lower	Upper	
173	100		
175	47.6	39.0	58.4
254	8.3	6.9	10.3

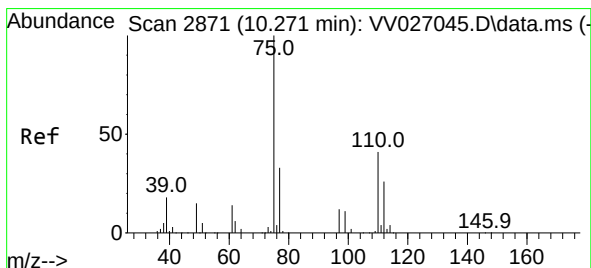
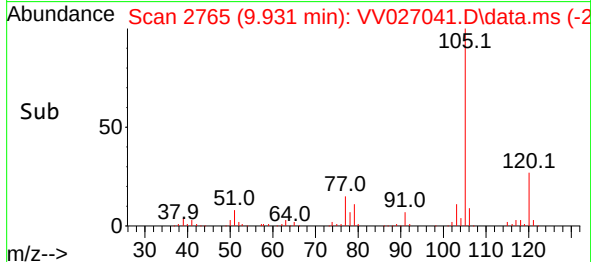
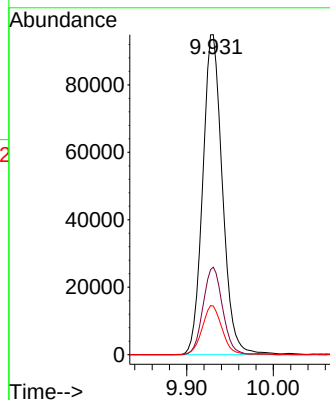
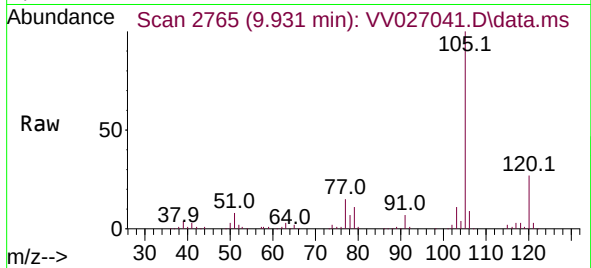




#60
Isopropylbenzene
Concen: 8.463 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

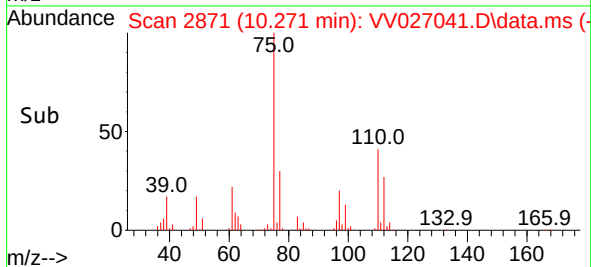
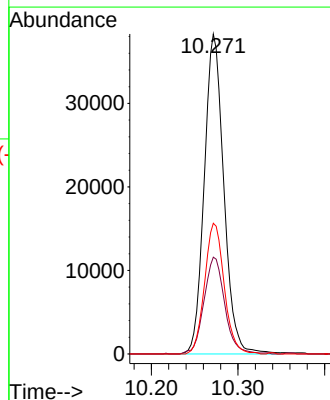
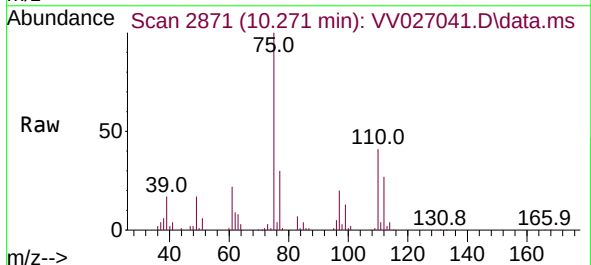
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

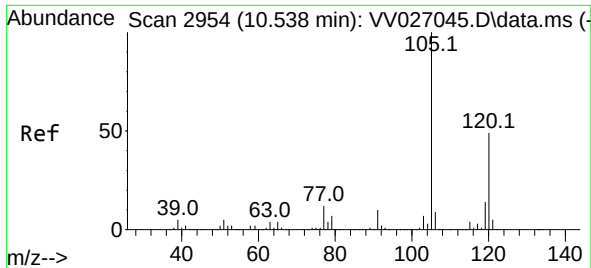
Tgt Ion:105 Resp: 150050
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 10.081 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion: 75 Resp: 60072
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 40.8 32.7 49.1

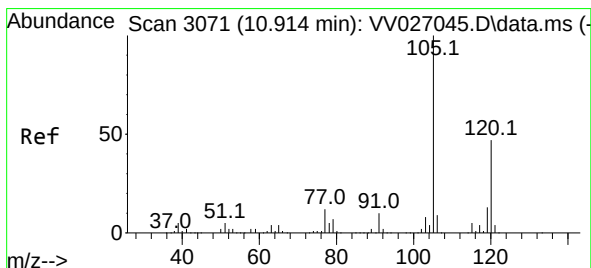
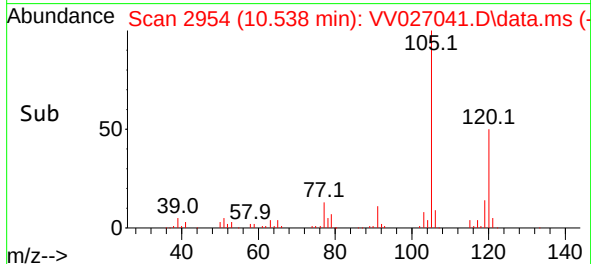
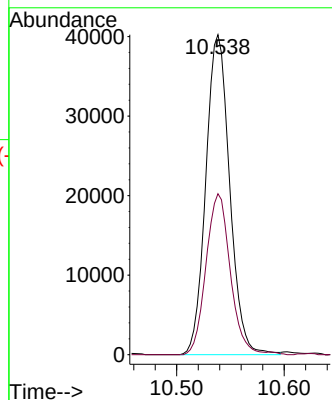
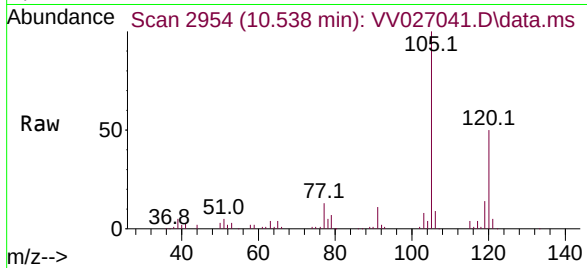




#62
 1,3,5-Trimethylbenzene
 Concen: 8.192 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

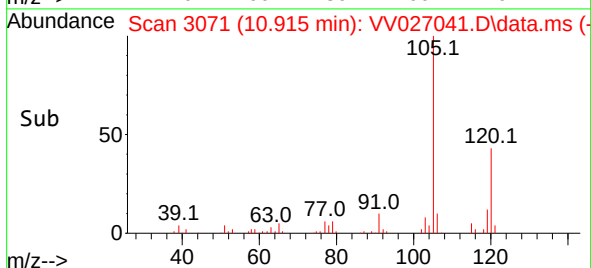
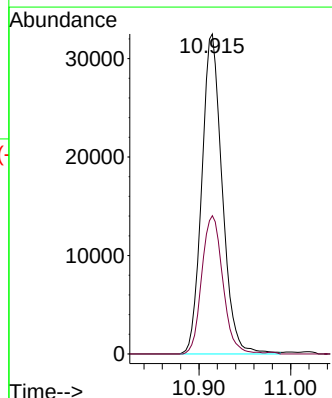
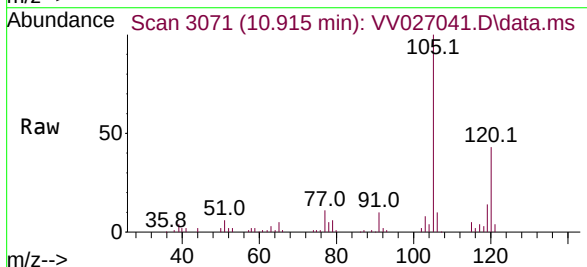
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 MSVOA_V
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 VSTD010238

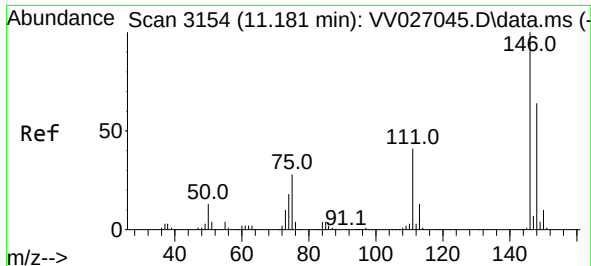
Tgt Ion:105 Resp: 62169
 Ion Ratio Lower Upper
 105 100
 120 50.9 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 8.313 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

Tgt Ion:105 Resp: 50348
 Ion Ratio Lower Upper
 105 100
 120 44.3 37.0 55.6

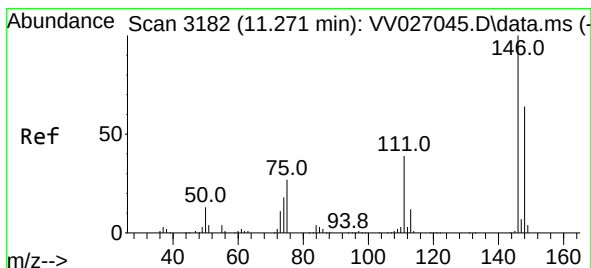
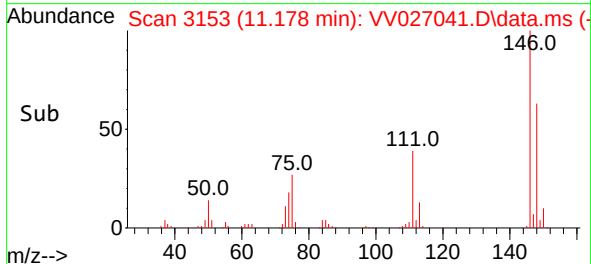
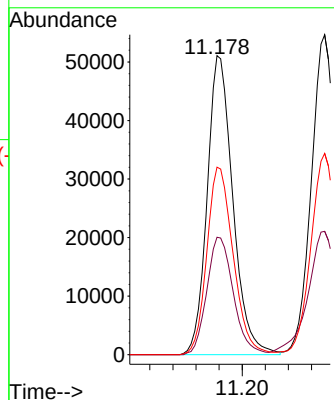
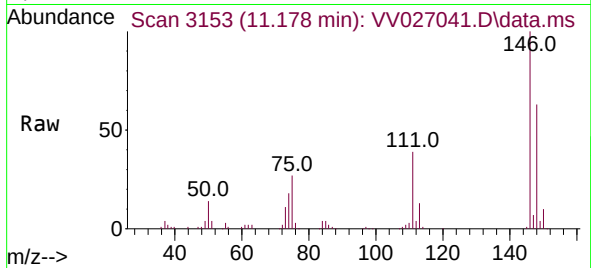




#64
1,3-Dichlorobenzene
Concen: 9.188 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

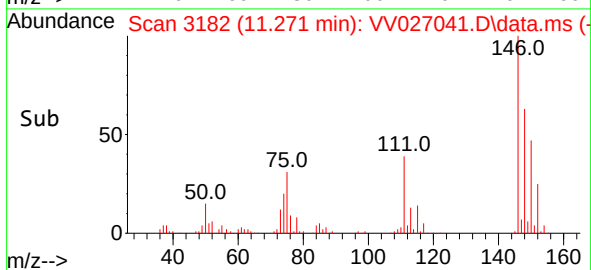
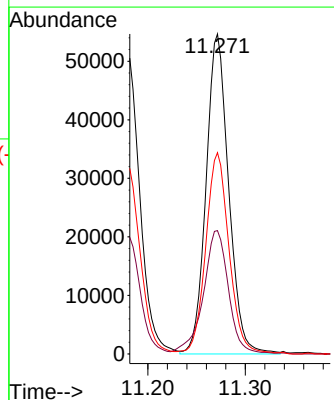
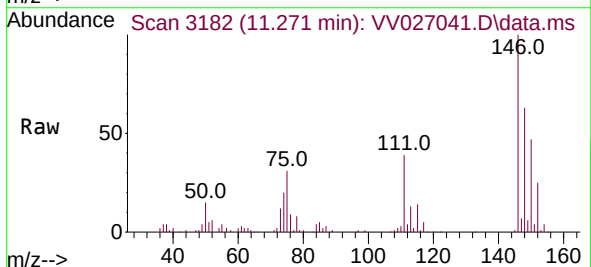
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

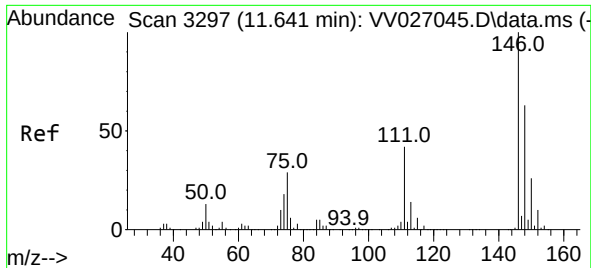
Tgt Ion:146 Resp: 79085
Ion Ratio Lower Upper
146 100
111 39.3 28.4 52.8
148 62.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 9.706 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:146 Resp: 88036
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 62.9 44.6 82.8

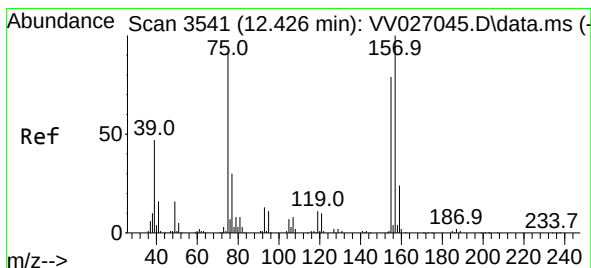
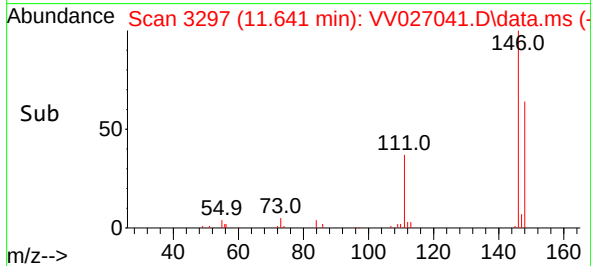
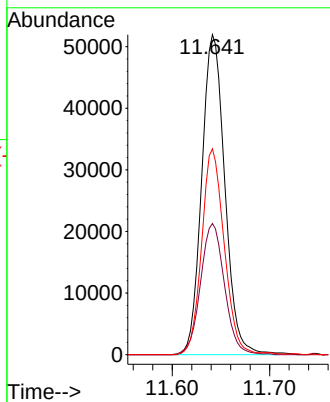
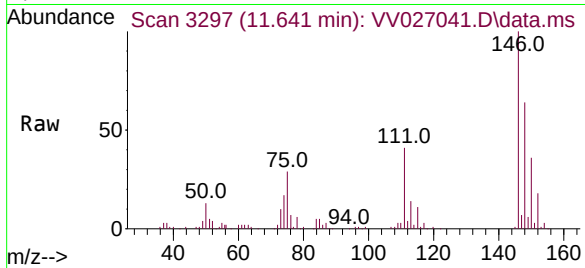




#67
 1,2-Dichlorobenzene
 Concen: 9.513 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

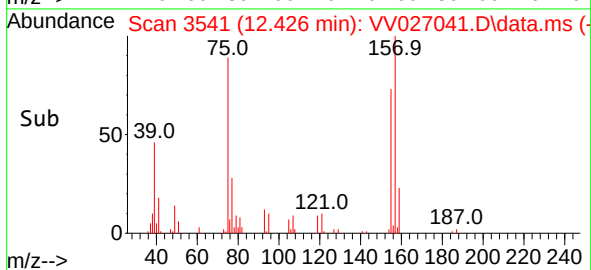
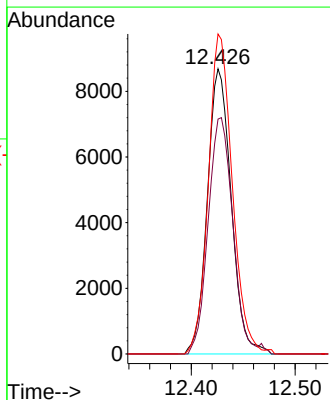
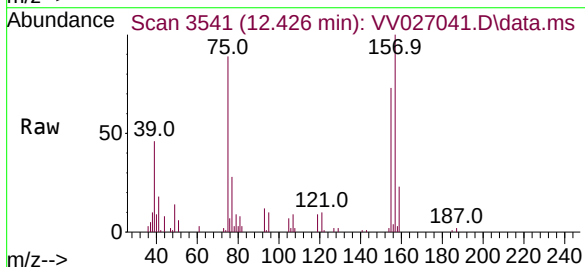
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010238

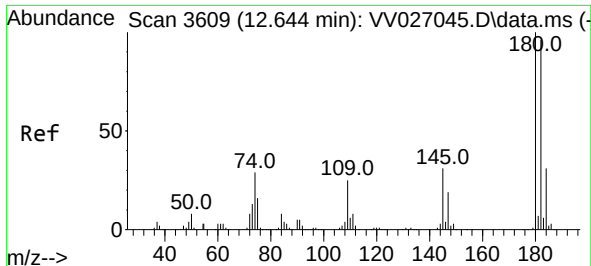
Tgt Ion:146 Resp: 85512
 Ion Ratio Lower Upper
 146 100
 111 41.0 34.0 51.0
 148 64.4 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 8.873 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027041.D
 Acq: 28 Jul 2022 16:17

Tgt Ion: 75 Resp: 13863
 Ion Ratio Lower Upper
 75 100
 155 82.4 69.1 103.7
 157 112.2 87.8 131.8

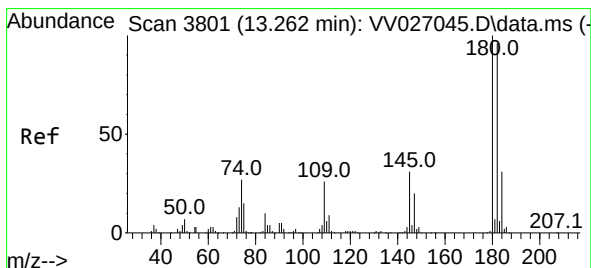
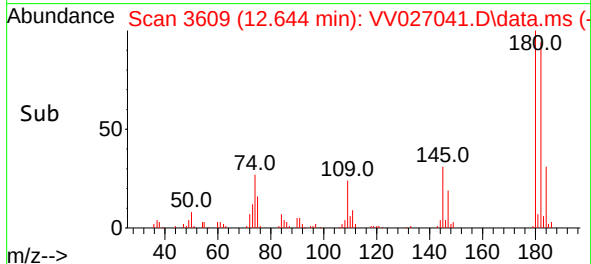
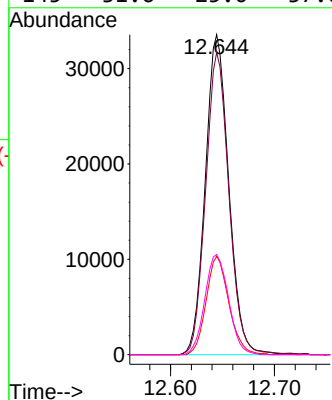
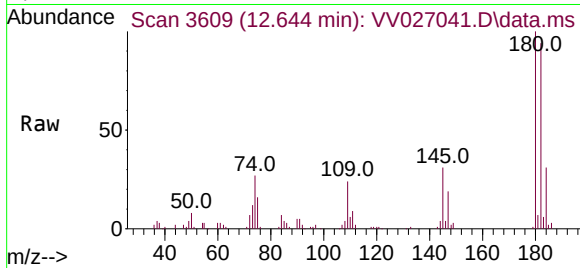




#69
1,3,5-Trichlorobenzene
Concen: 8.999 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

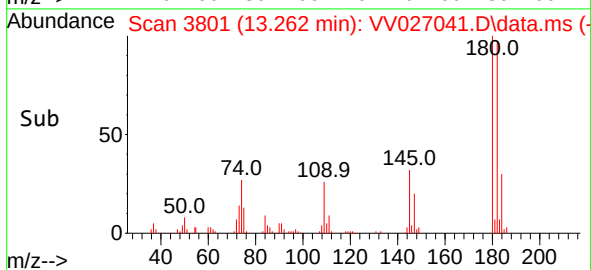
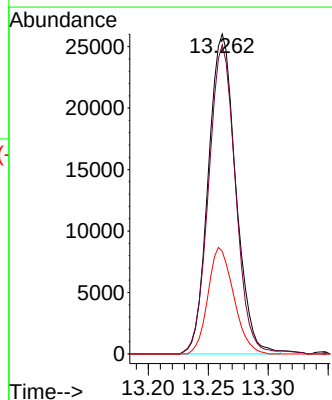
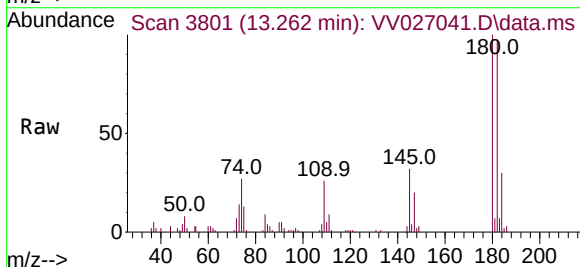
Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

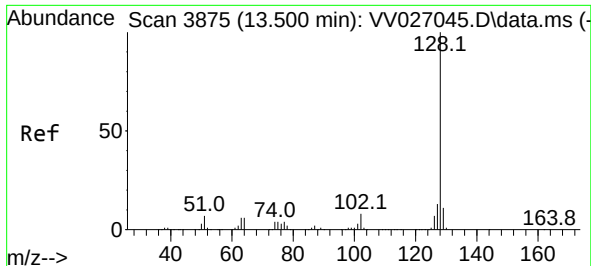
Tgt Ion:180	Resp:	52535
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.2 114.4
184	29.8	24.8 37.2
145	31.6	25.0 37.6



#70
1,2,4-trichlorobenzene
Concen: 8.279 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:180	Resp:	41367
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.9 113.9
145	31.3	24.7 37.1

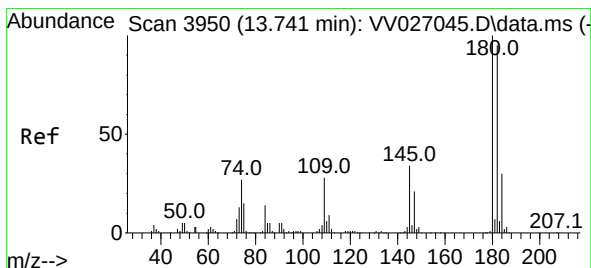
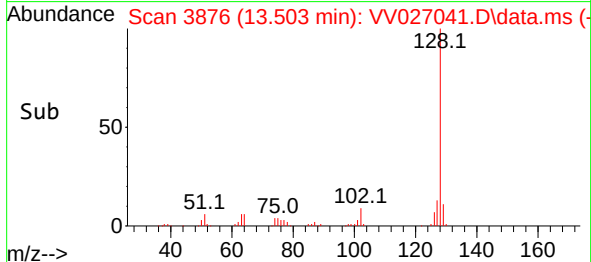
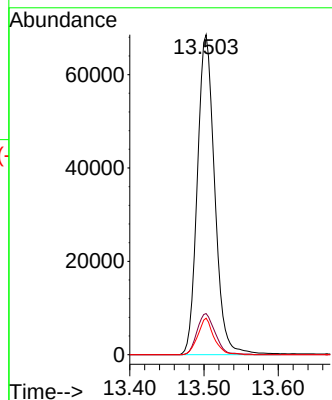
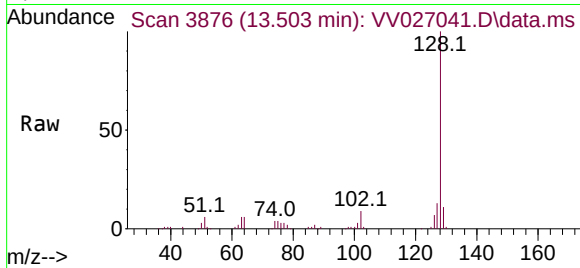




#71
Naphthalene
Concen: 6.413 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD010238

Tgt Ion:128 Resp: 111503
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 7.780 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV027041.D
Acq: 28 Jul 2022 16:17

Tgt Ion:180 Resp: 42164
Ion Ratio Lower Upper
180 100
182 97.4 76.3 114.5
145 34.0 27.4 41.0

