

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052461.D
 Acq On : 20 Dec 2022 16:18
 Operator : JC/MD
 Sample : VSTD00175
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001075

Quant Time: Dec 21 03:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	159520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15497	0.959	ug/L	0.00
7) Chloroethane-d5	1.913	69	13850	0.994	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	6643	0.955	ug/L	0.00
20) 2-Butanone-d5	4.665	46	43084	8.618	ug/L	0.01
24) Chloroform-d	5.060	84	26937	0.988	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	15438	0.976	ug/L	0.00
32) Benzene-d6	5.729	84	51161	0.903	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	18351	0.941	ug/L	0.00
41) Toluene-d8	7.896	98	40943	0.861	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5557	0.832	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	27091	7.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	15578	0.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	14482	0.958	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13276	0.935	ug/L	100
3) Chloromethane	1.520	50	20715	1.011	ug/L	97
5) Vinyl chloride	1.604	62	17703	0.953	ug/L #	73
6) Bromomethane	1.858	94	10628	1.004	ug/L	98
8) Chloroethane	1.935	64	11750	0.924	ug/L	91
9) Trichlorofluoromethane	2.141	101	19336	0.921	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	11825	0.947	ug/L	97
12) 1,1-Dichloroethene	2.581	96	11506	0.963	ug/L	94
13) Acetone	2.694	43	26616	7.158	ug/L	47
14) Carbon disulfide	2.794	76	36824	0.957	ug/L	98
15) Methyl Acetate	2.967	43	3433	0.426	ug/L #	85
16) Methylene chloride	3.044	84	18217	1.079	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	29510	0.925	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	11173	0.907	ug/L	98
19) 1,1-Dichloroethane	3.867	63	25945	0.969	ug/L	97
21) 2-Butanone	4.745	43	43635	8.111	ug/L #	70
22) cis-1,2-Dichloroethene	4.665	96	12801	0.947	ug/L	97
23) Bromochloromethane	4.970	128	6142	0.981	ug/L	94
25) Chloroform	5.086	83	25756	0.993	ug/L	96
27) 1,2-Dichloroethane	5.793	62	18046	1.007	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	19011	0.914	ug/L	100
30) Cyclohexane	5.385	56	17284	0.769	ug/L	99
31) Carbon tetrachloride	5.523	117	16551	0.906	ug/L	100
33) Benzene	5.774	78	53454	0.898	ug/L	100
34) Trichloroethene	6.539	95	12445	0.894	ug/L	94
35) Methylcyclohexane	6.758	83	15225	0.726	ug/L	97
37) 1,2-Dichloropropane	6.790	63	14997	0.903	ug/L #	94
38) Bromodichloromethane	7.102	83	19203	0.950	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	16556	0.787	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	95283	7.850	ug/L	98
42) Toluene	7.967	91	47525	0.833	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	15582	0.841	ug/L	99

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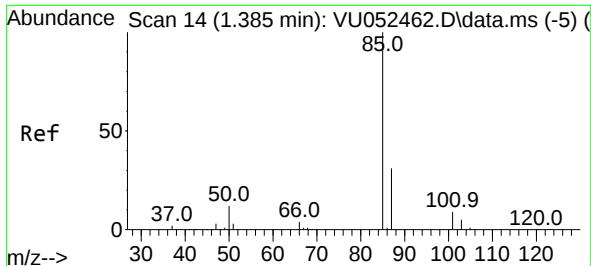
Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Dec 21 03:24:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.398	97	11209	0.953	ug/L	93
47) Tetrachloroethene	8.549	164	8540	0.879	ug/L	96
48) 2-Hexanone	8.687	43	67586	7.461	ug/L	98
49) Dibromochloromethane	8.806	129	11741	0.943	ug/L	95
50) 1,2-Dibromoethane	8.919	107	9916	0.927	ug/L #	91
51) Chlorobenzene	9.443	112	33261	0.913	ug/L	97
52) Ethylbenzene	9.565	91	48059	0.814	ug/L	100
53) m,p-Xylene	9.690	106	16800	0.771	ug/L	93
54) o-Xylene	10.099	106	15856	0.759	ug/L	98
55) Styrene	10.112	104	28153	0.775	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	14856	0.914	ug/L	98
59) Bromoform	10.288	173	6251	0.959	ug/L	95
60) Isopropylbenzene	10.481	105	39745	0.826	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	10925	1.026	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	31520	0.794	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	30237	0.757	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	22746	0.953	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	23423	0.949	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	22619	0.959	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.993	75	2241	0.930	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	16083	0.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	13137	0.888	ug/L	99
71) Naphthalene	14.083	128	23625	0.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	13126	0.886	ug/L	96

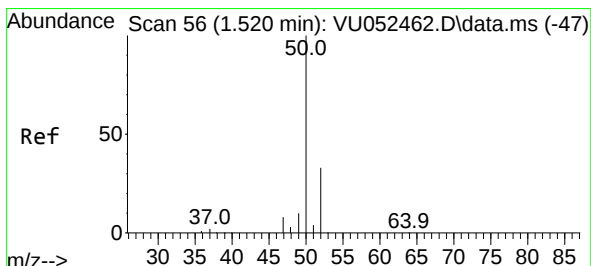
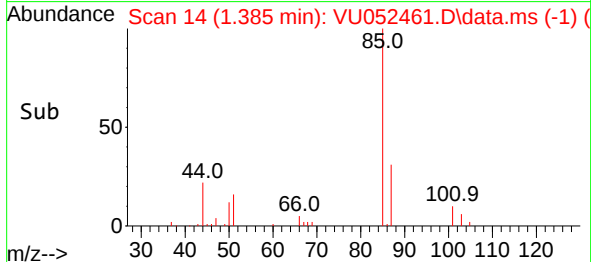
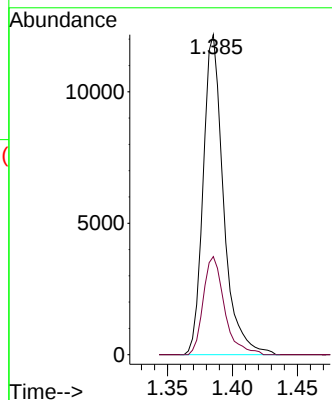
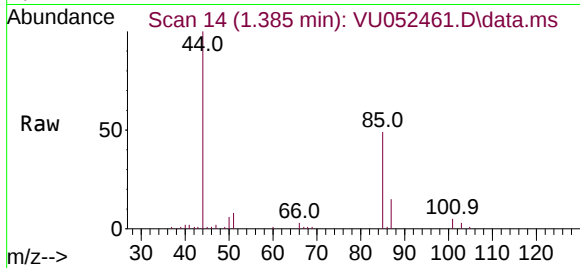
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.935 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052461.D
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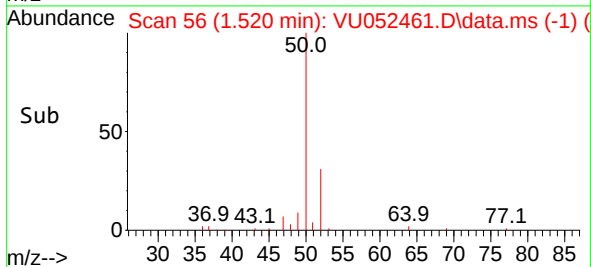
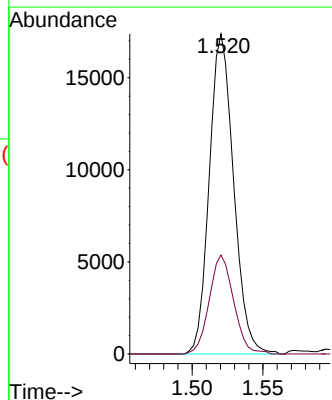
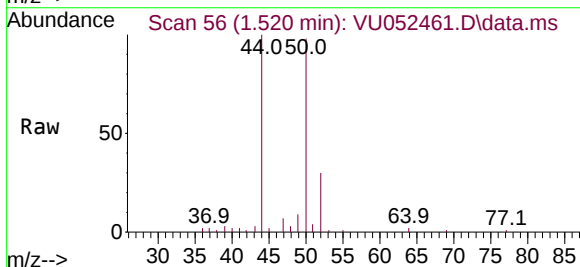
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ClientSampleId :
VSTD001075

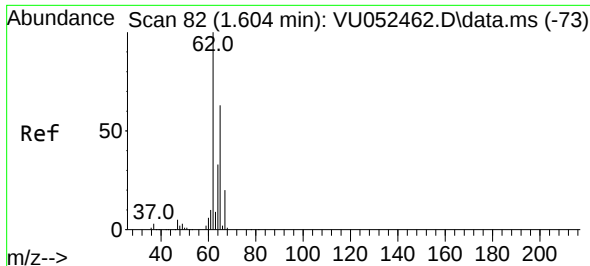
Tgt Ion: 85 Resp: 13276
Ion Ratio Lower Upper
85 100
87 31.9 25.6 38.4



#3
Chloromethane
Concen: 1.011 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion: 50 Resp: 20715
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.6

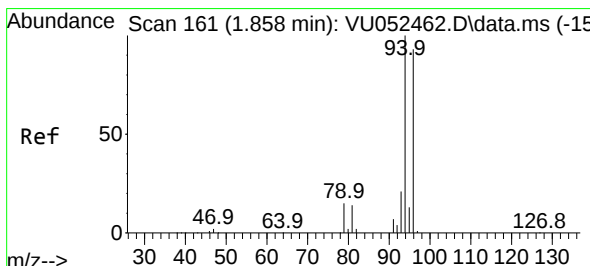
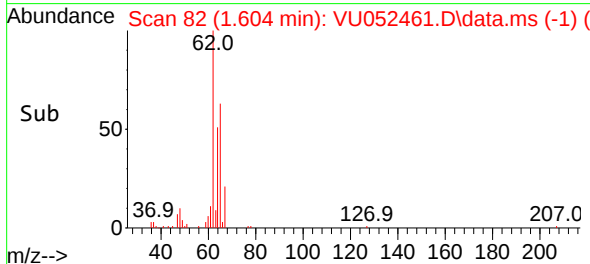
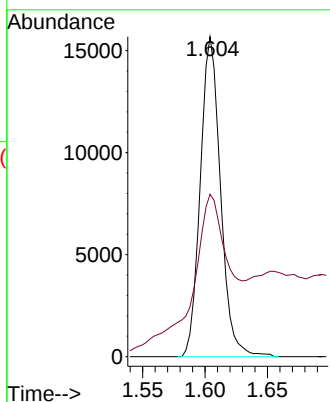
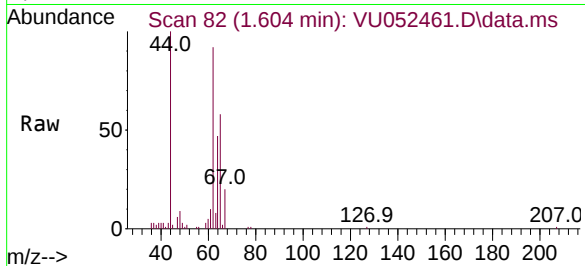




#5
 Vinyl chloride
 Concen: 0.953 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU052461.D
 Acq: 20 Dec 2022 16:18

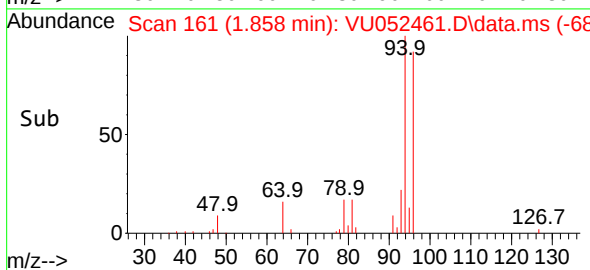
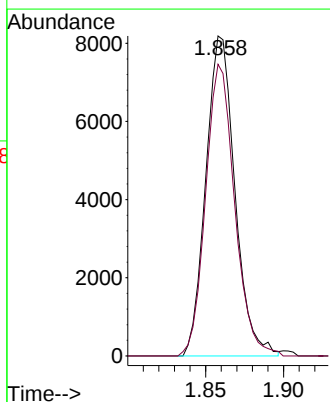
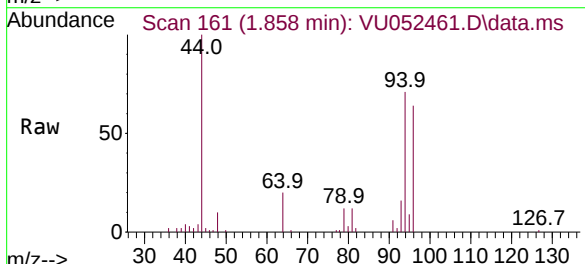
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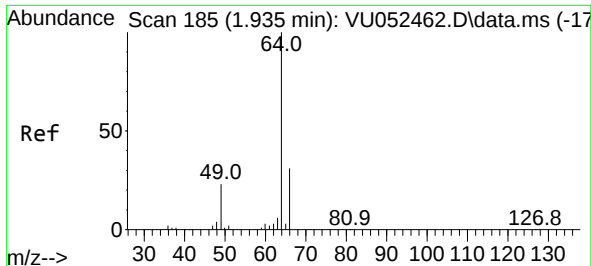
Tgt Ion: 62 Resp: 17703
 Ion Ratio Lower Upper
 62 100
 64 50.8 24.4 45.4#



#6
 Bromomethane
 Concen: 1.004 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052461.D
 Acq: 20 Dec 2022 16:18

Tgt Ion: 94 Resp: 10628
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.0 120.8

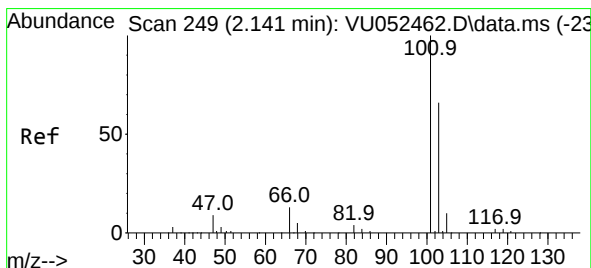
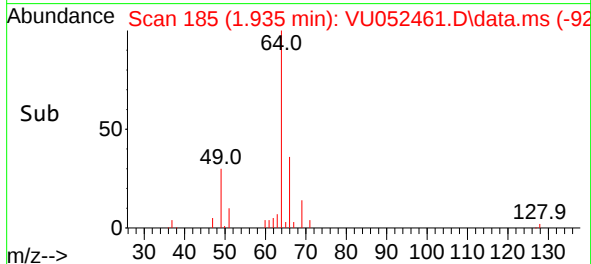
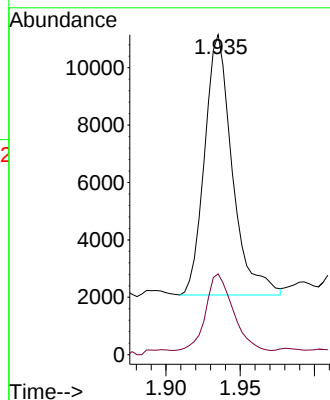
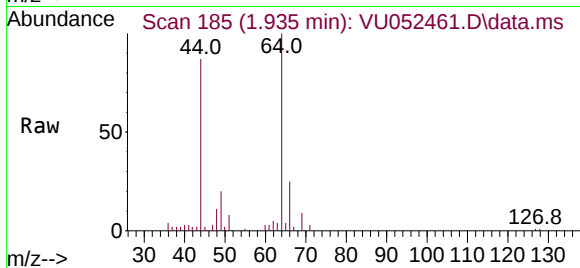




#8
Chloroethane
Concen: 0.924 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

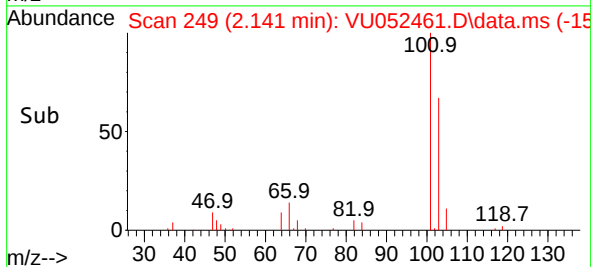
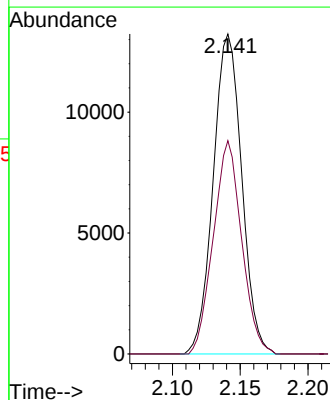
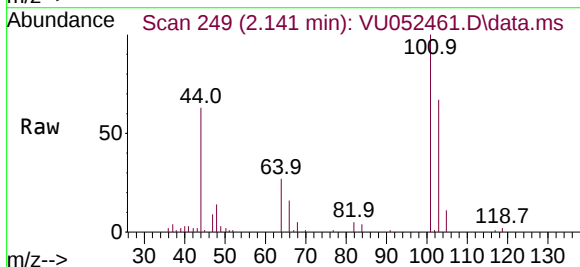
Instrument :
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VSTD001075

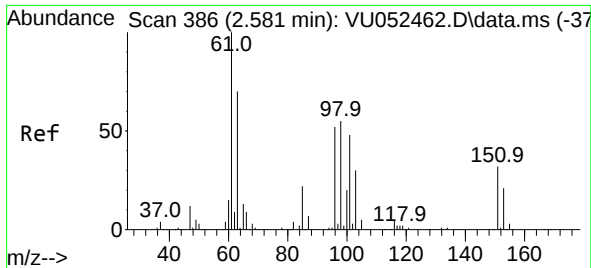
Tgt Ion: 64 Resp: 11750
Ion Ratio Lower Upper
64 100
66 25.3 21.3 39.5



#9
Trichlorofluoromethane
Concen: 0.921 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion: 101 Resp: 19336
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0

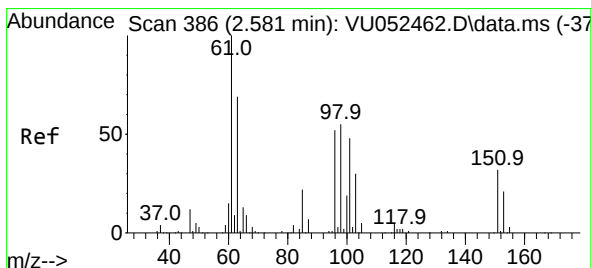
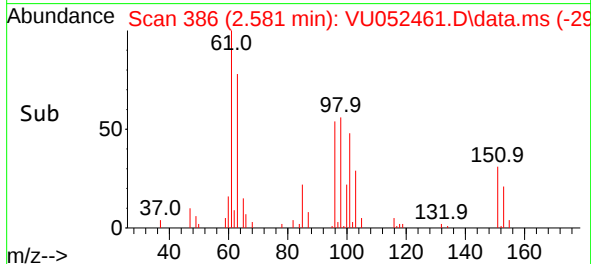
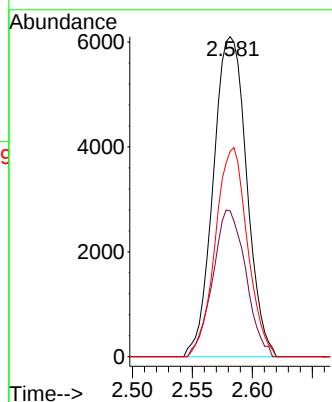
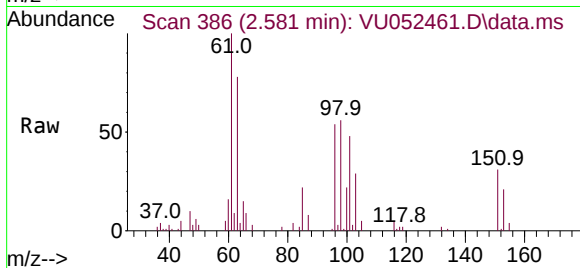




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.947 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052461.D
 Acq: 20 Dec 2022 16:18

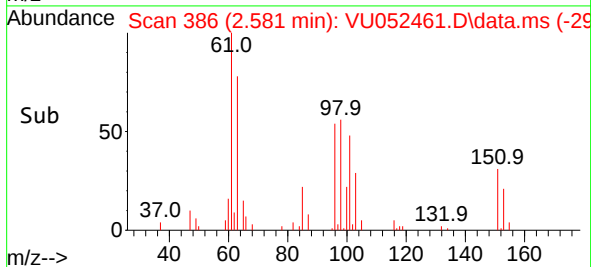
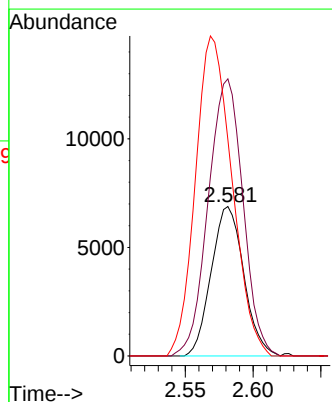
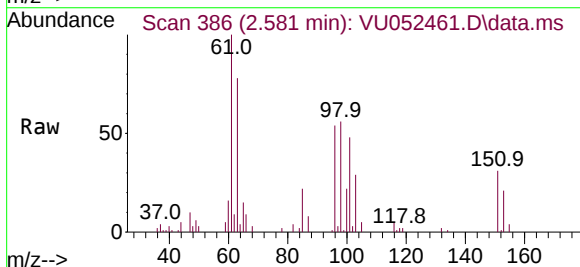
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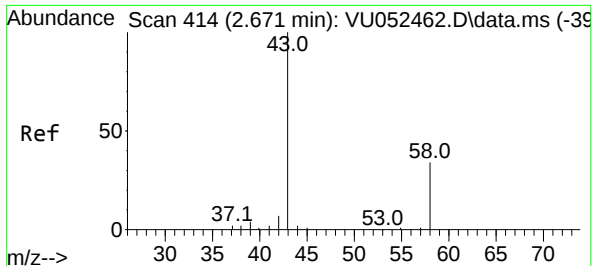
Tgt Ion:	101	Resp:	11825
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.8	53.6
151	62.9	53.6	80.4



#12
 1,1-Dichloroethene
 Concen: 0.963 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052461.D
 Acq: 20 Dec 2022 16:18

Tgt Ion:	96	Resp:	11506
Ion	Ratio	Lower	Upper
96	100		
61	185.5	135.4	251.4
63	144.8	95.4	177.2





#13

Acetone

Concen: 7.158 ug/L

RT: 2.694 min Scan# 414

Delta R.T. 0.023 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

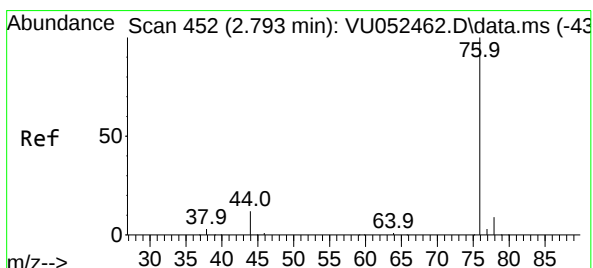
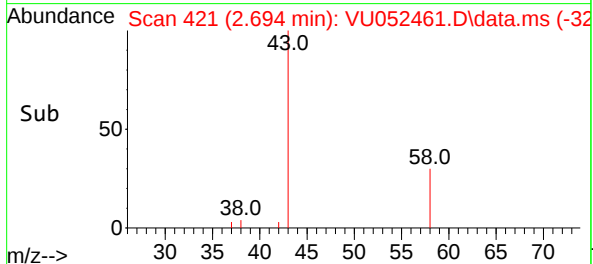
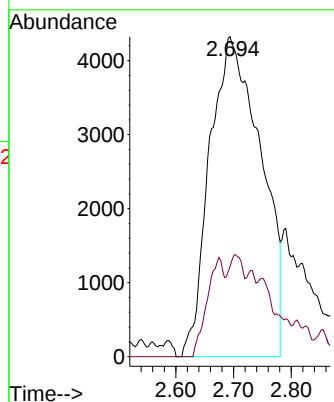
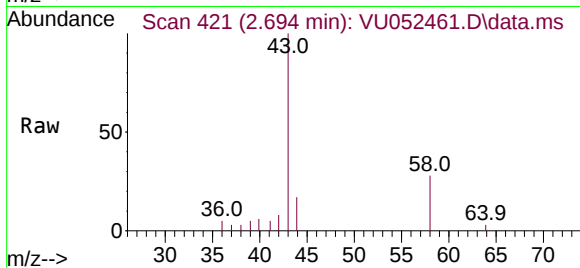
VSTD001075

Tgt Ion: 43 Resp: 26616

Ion Ratio Lower Upper

43 100

58 2.8 0.0 65.4



#14

Carbon disulfide

Concen: 0.957 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052461.D

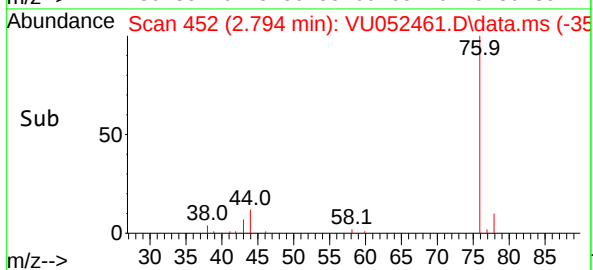
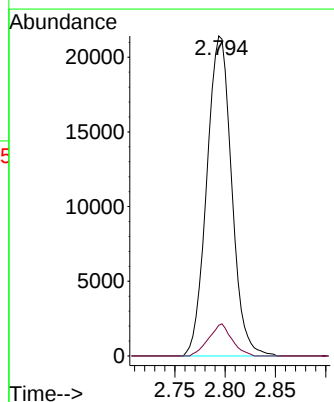
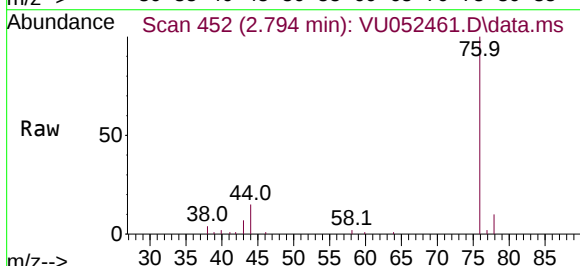
Acq: 20 Dec 2022 16:18

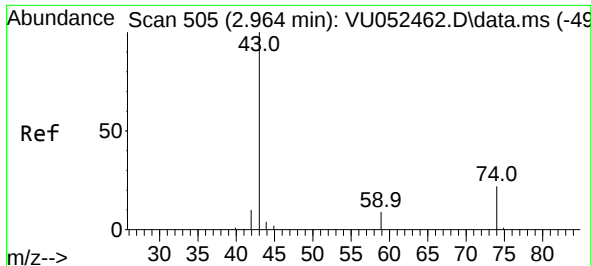
Tgt Ion: 76 Resp: 36824

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

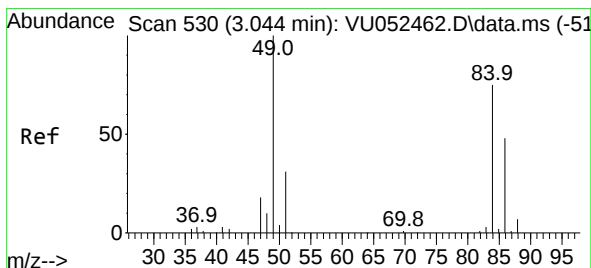
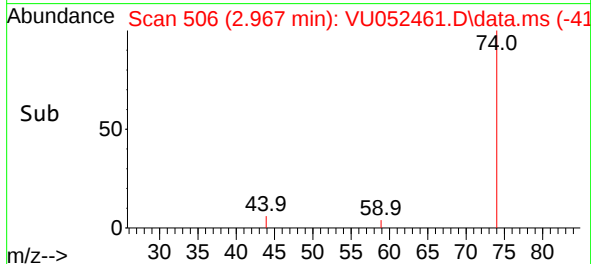
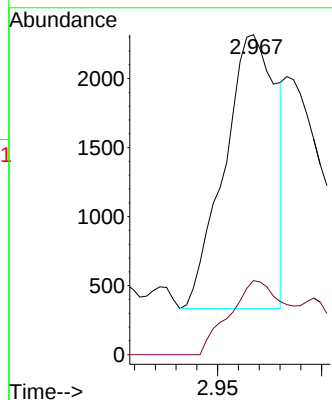
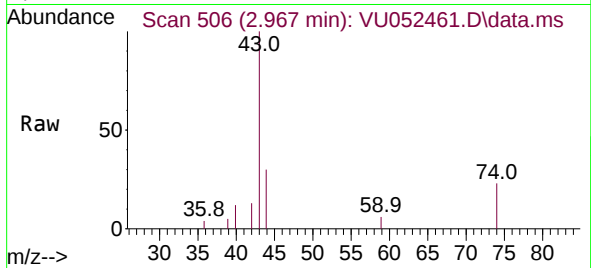




#15
Methyl Acetate
Concen: 0.426 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

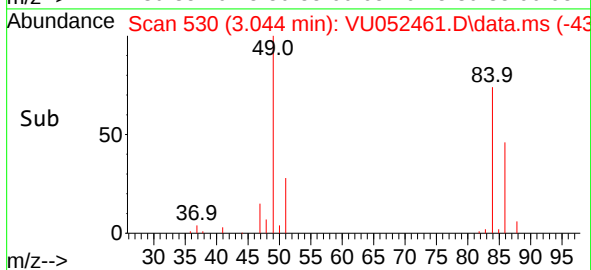
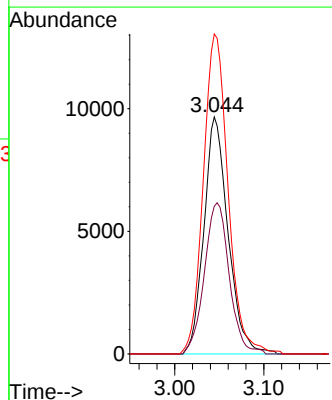
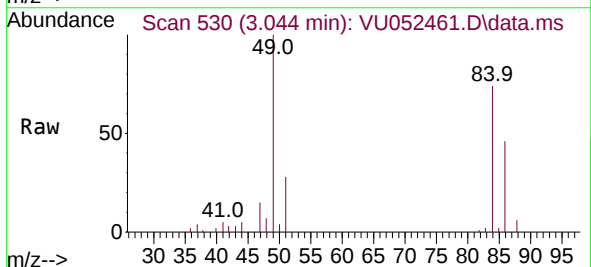
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ClientSampleId :
VSTD001075

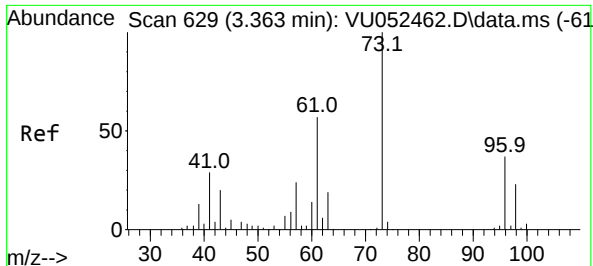
Tgt Ion: 43 Resp: 3433
Ion Ratio Lower Upper
43 100
74 28.3 16.9 25.3#



#16
Methylene chloride
Concen: 1.079 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion: 84 Resp: 18217
Ion Ratio Lower Upper
84 100
86 62.3 44.7 83.1
49 135.0 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 0.925 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

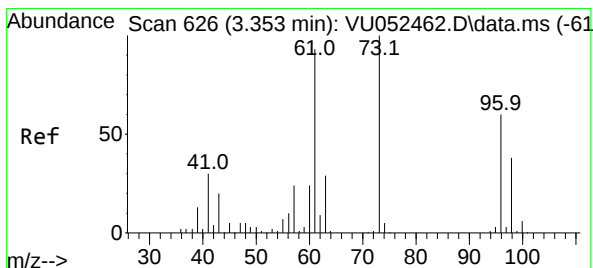
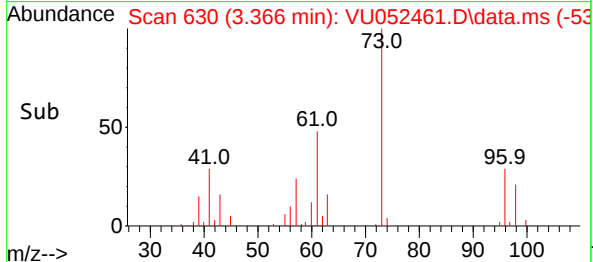
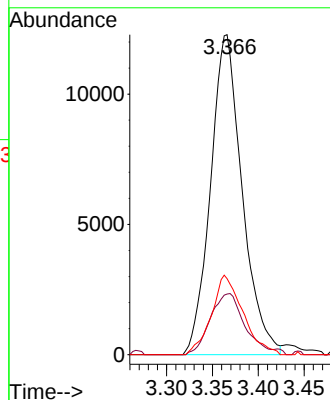
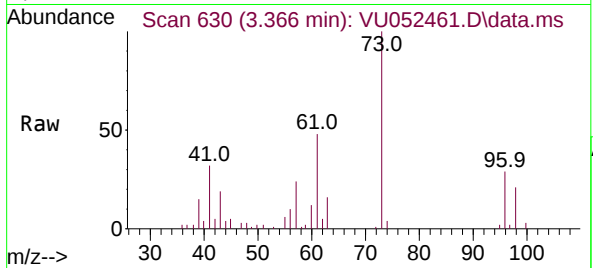
Tgt Ion: 73 Resp: 29510

Ion Ratio Lower Upper

73 100

43 20.6 16.1 24.1

57 24.7 19.2 28.8



#18

trans-1,2-Dichloroethene

Concen: 0.907 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

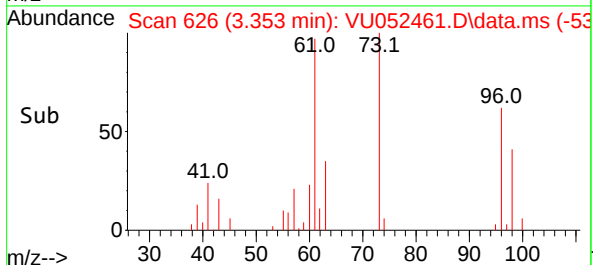
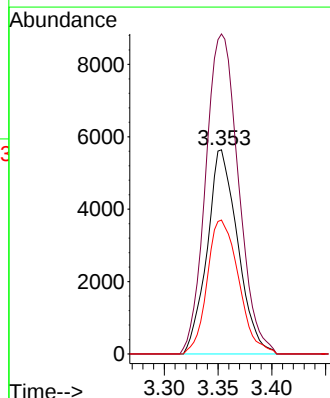
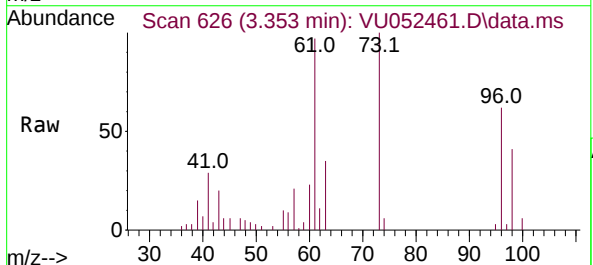
Tgt Ion: 96 Resp: 11173

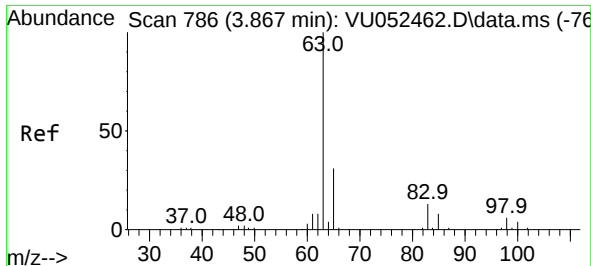
Ion Ratio Lower Upper

96 100

61 156.7 108.3 201.1

98 65.6 44.0 81.6

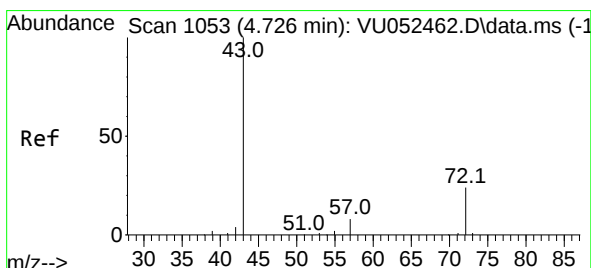
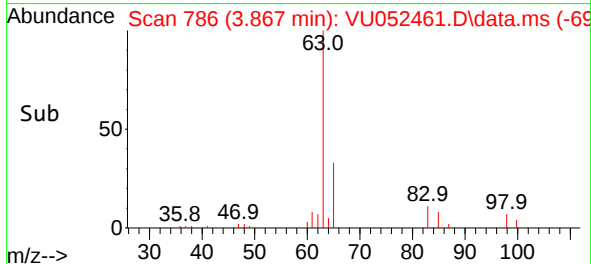
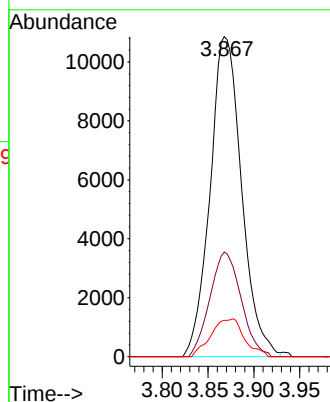
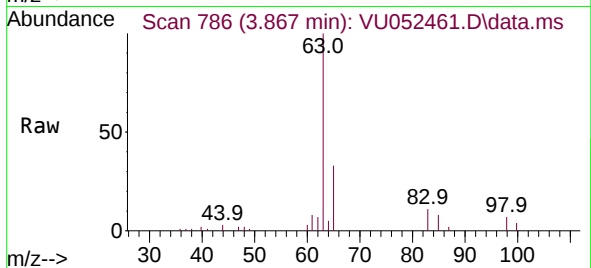




#19
1,1-Dichloroethane
Concen: 0.969 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

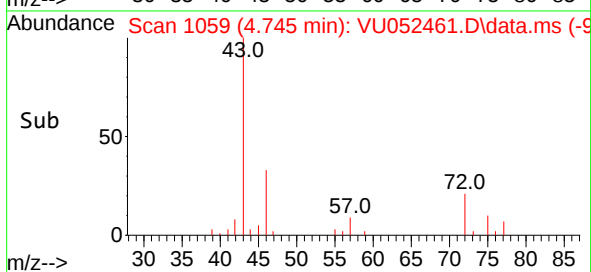
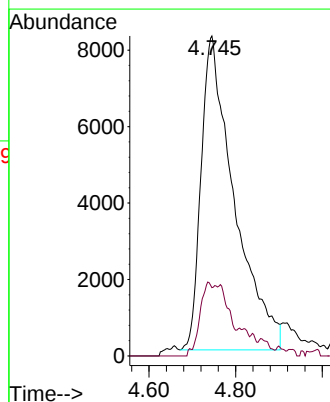
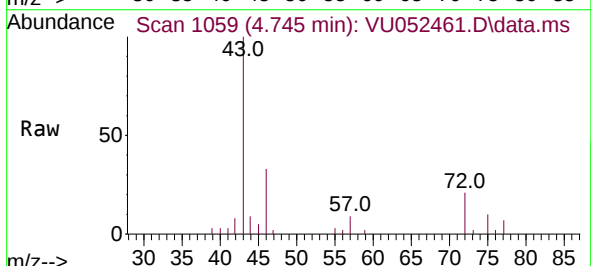
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

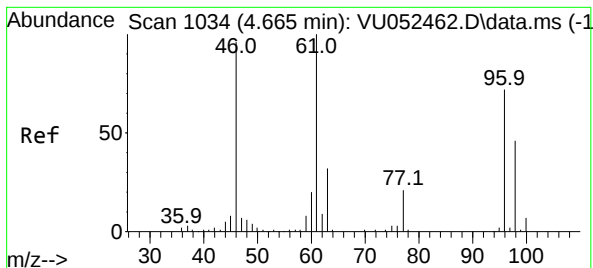
Tgt Ion:	63	Resp:	25945
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.0	40.8
83	11.3	9.0	16.8



#21
2-Butanone
Concen: 8.111 ug/L
RT: 4.745 min Scan# 1059
Delta R.T. 0.019 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:	43	Resp:	43635
Ion	Ratio	Lower	Upper
43	100		
72	8.4	11.6	34.7#





#22

cis-1,2-Dichloroethene

Concen: 0.947 ug/L

RT: 4.665 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

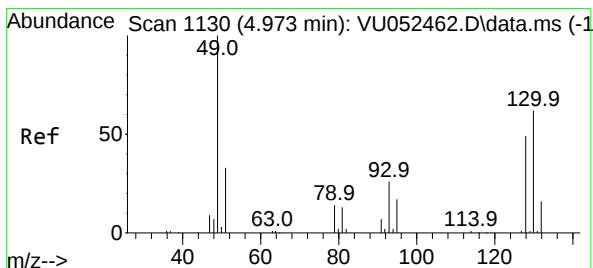
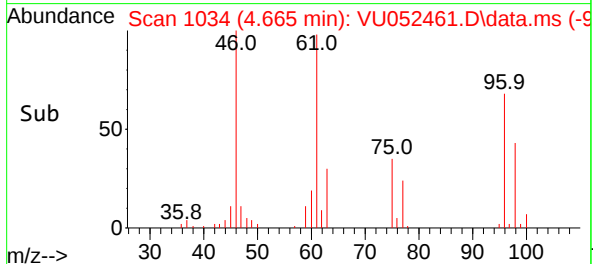
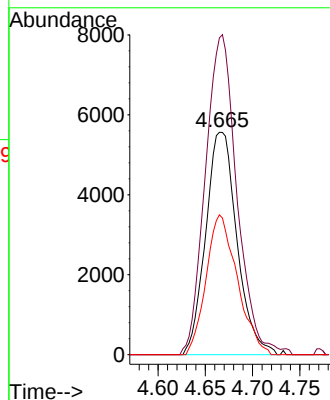
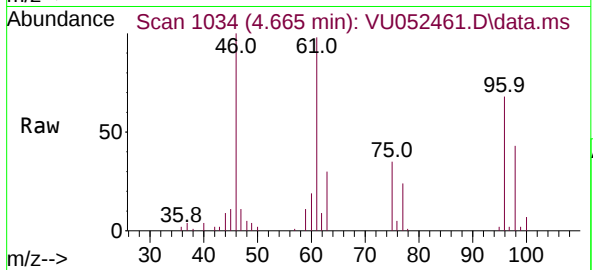
Tgt Ion: 96 Resp: 12801

Ion Ratio Lower Upper

96 100

61 142.5 96.9 180.1

98 62.9 44.7 83.1



#23

Bromochloromethane

Concen: 0.981 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Tgt Ion: 128 Resp: 6142

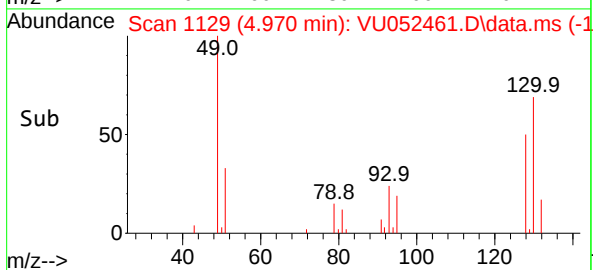
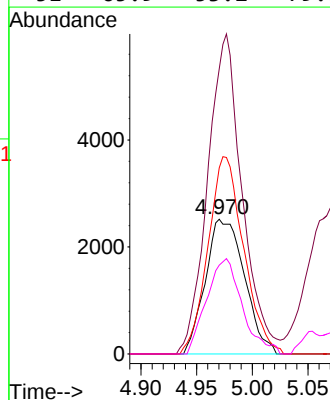
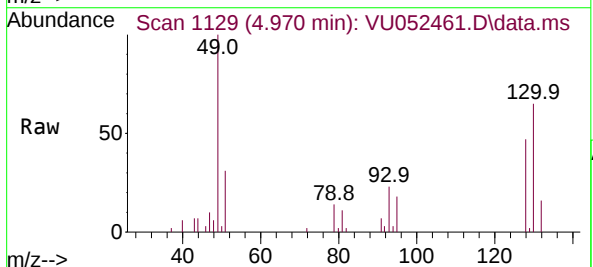
Ion Ratio Lower Upper

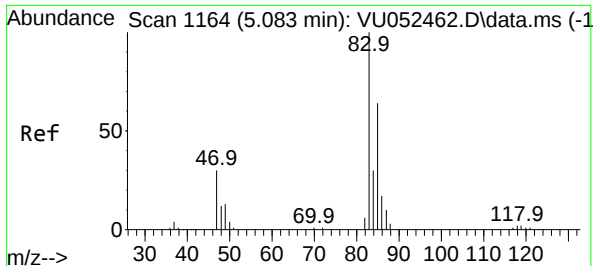
128 100

49 211.6 143.3 266.1

130 138.1 88.4 164.2

51 65.9 53.2 79.8





#25

Chloroform

Concen: 0.993 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

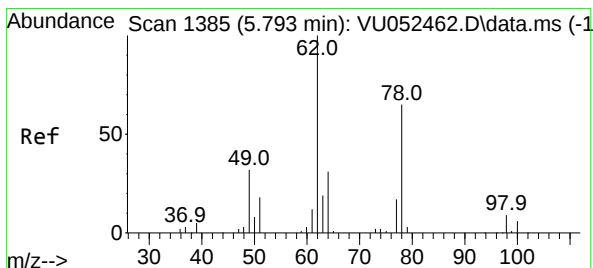
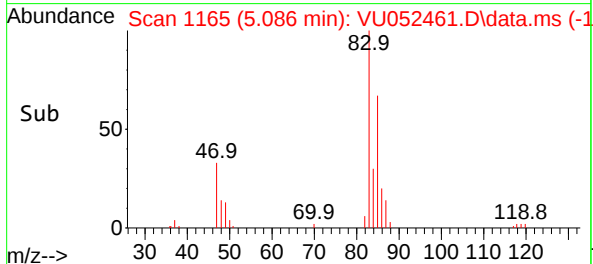
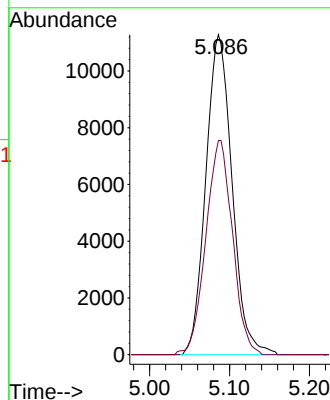
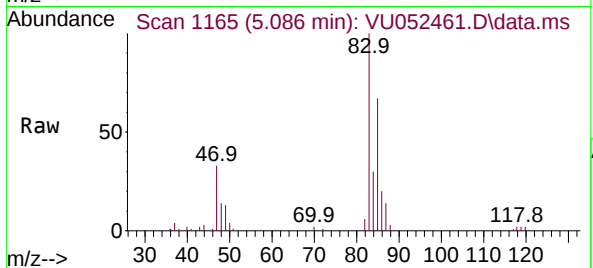
VSTD001075

Tgt Ion: 83 Resp: 25756

Ion Ratio Lower Upper

83 100

85 66.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.007 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU052461.D

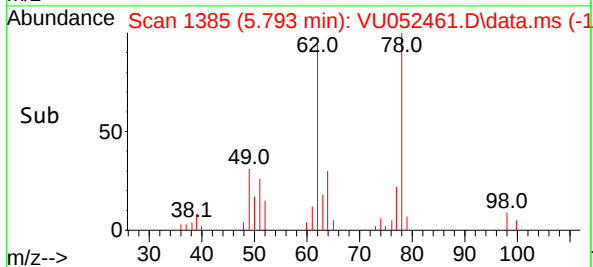
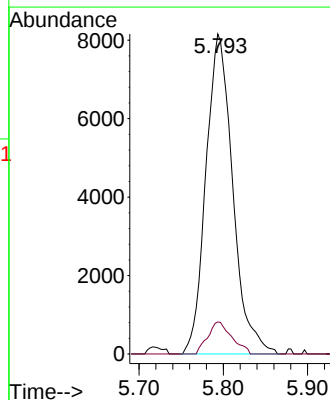
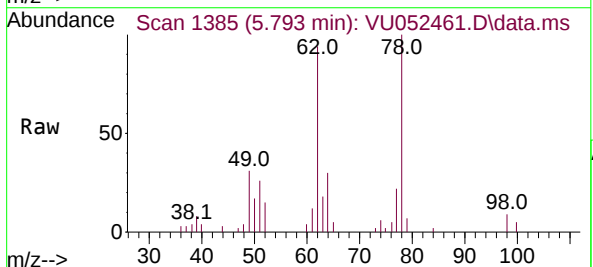
Acq: 20 Dec 2022 16:18

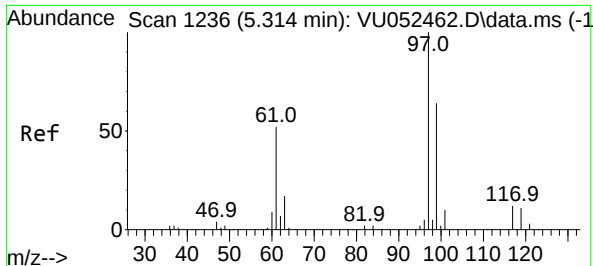
Tgt Ion: 62 Resp: 18046

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 0.914 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

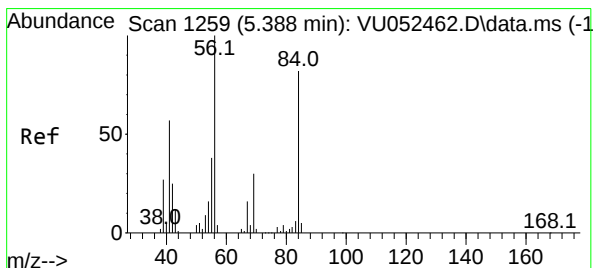
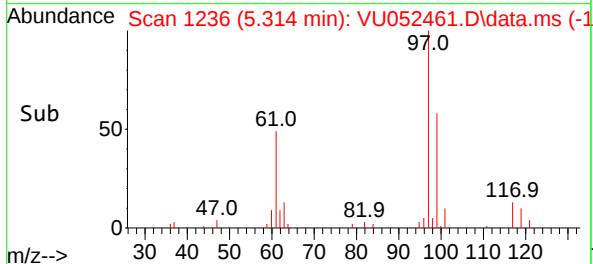
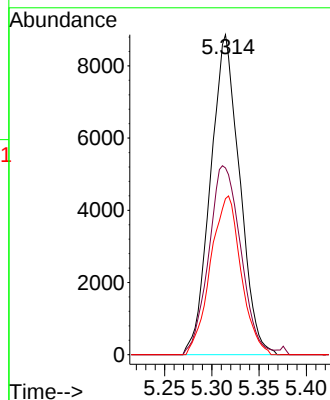
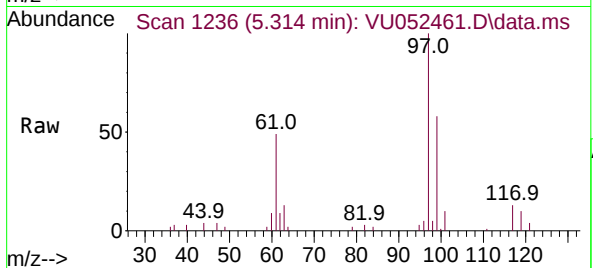
Tgt Ion: 97 Resp: 19011

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 51.9 41.6 62.4



#30

Cyclohexane

Concen: 0.769 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

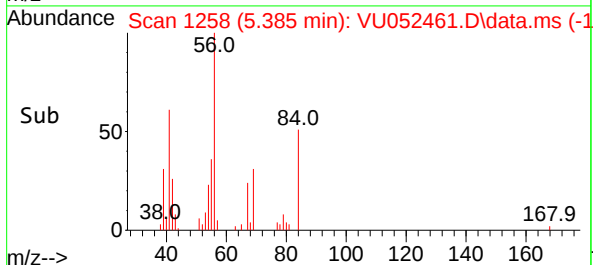
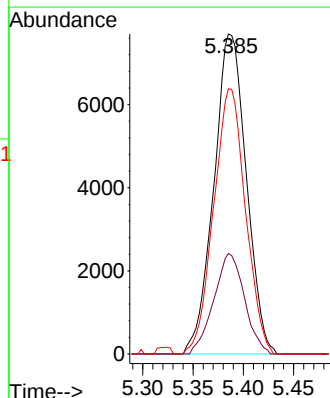
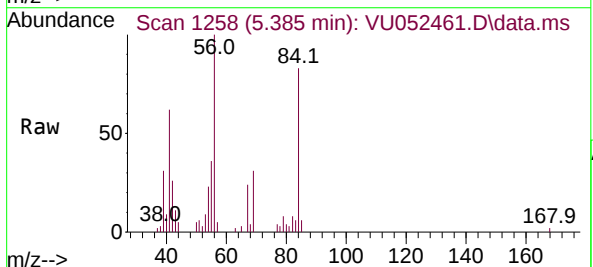
Tgt Ion: 56 Resp: 17284

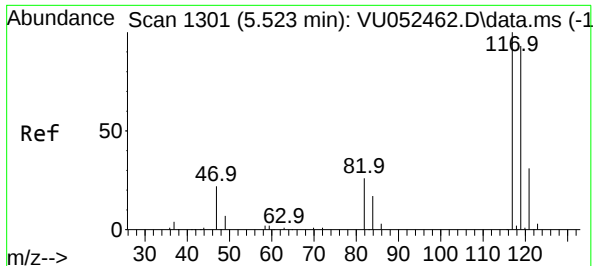
Ion Ratio Lower Upper

56 100

69 29.7 23.0 34.6

84 81.3 64.4 96.6

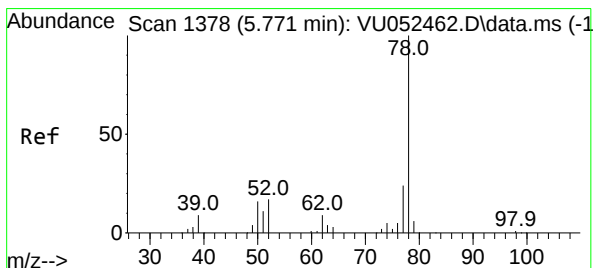
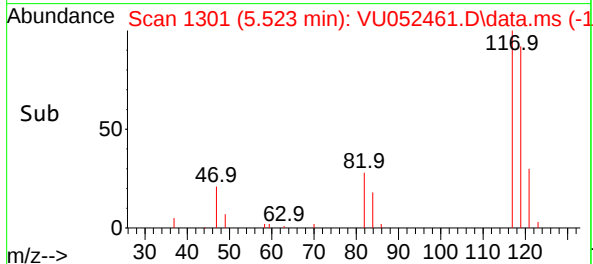
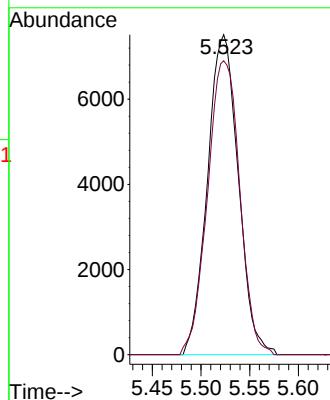
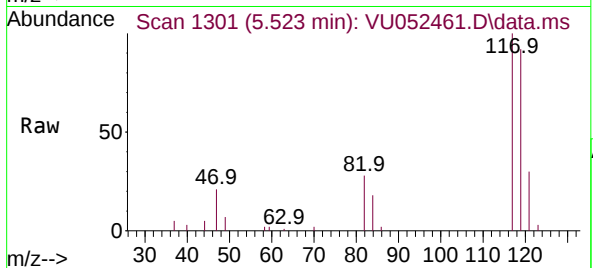




#31
Carbon tetrachloride
Concen: 0.906 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

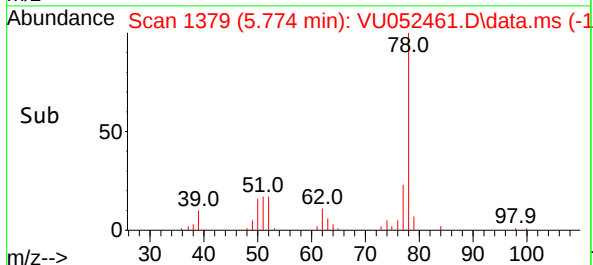
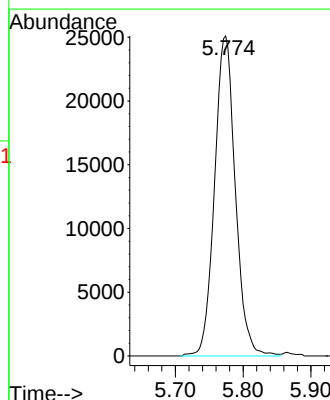
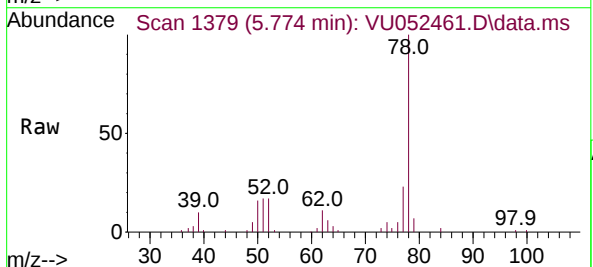
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

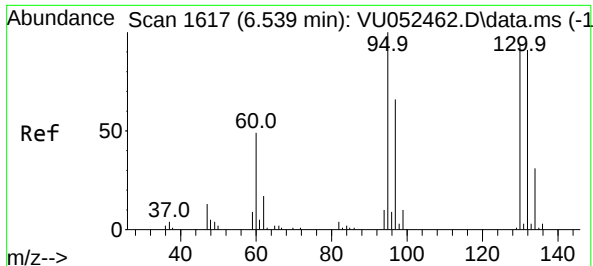
Tgt Ion:117 Resp: 16551
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5



#33
Benzene
Concen: 0.898 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion: 78 Resp: 53454



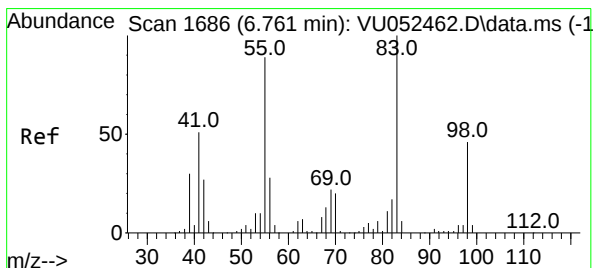
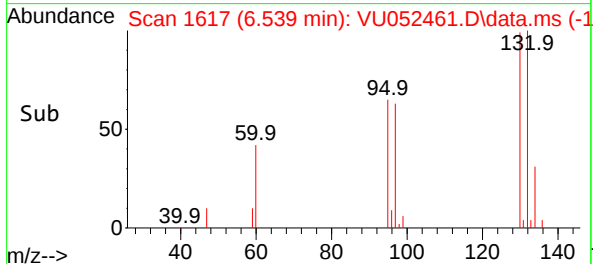
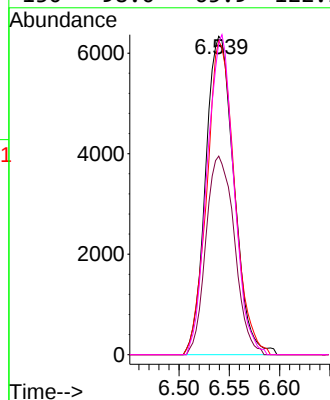
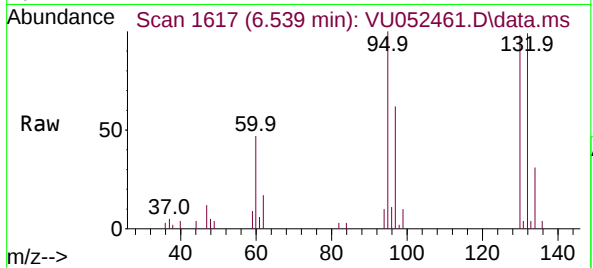


#34
Trichloroethene
Concen: 0.894 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

Tgt Ion: 95 Resp: 12445

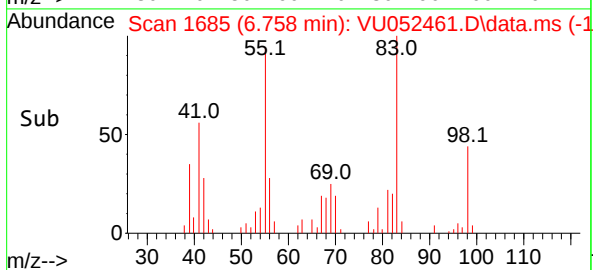
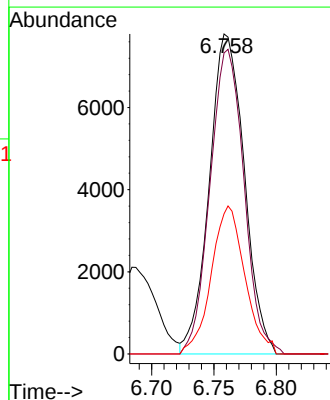
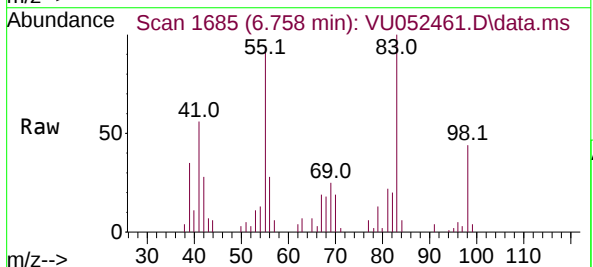
Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.3	86.1
132	98.5	63.9	118.7
130	98.0	65.9	122.5

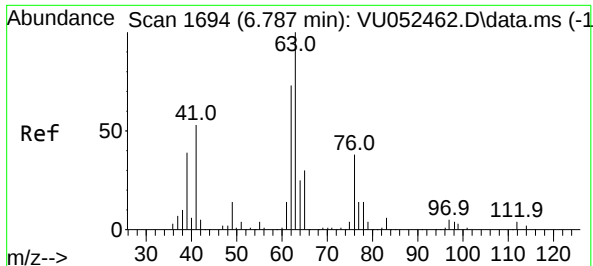


#35
Methylcyclohexane
Concen: 0.726 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion: 83 Resp: 15225

Ion	Ratio	Lower	Upper
83	100		
55	92.4	71.4	107.0
98	44.4	36.5	54.7





#37

1,2-Dichloropropane

Concen: 0.903 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

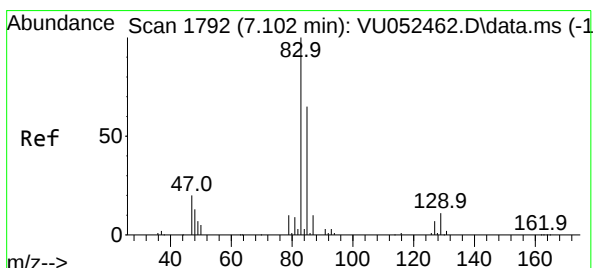
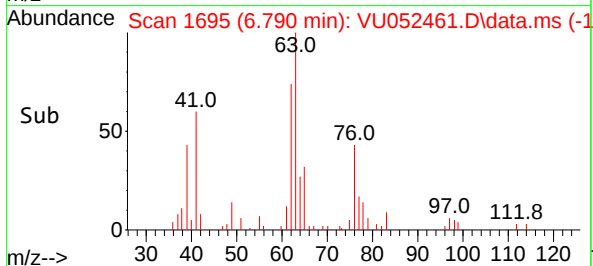
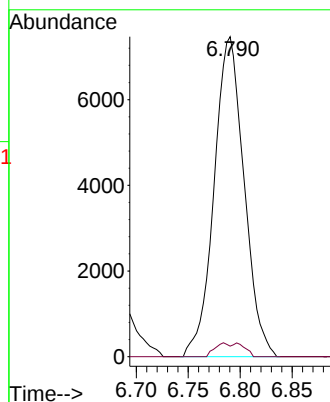
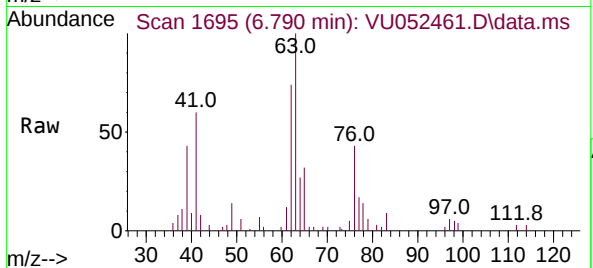
VSTD001075

Tgt Ion: 63 Resp: 14997

Ion Ratio Lower Upper

63 100

112 1.8 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.950 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

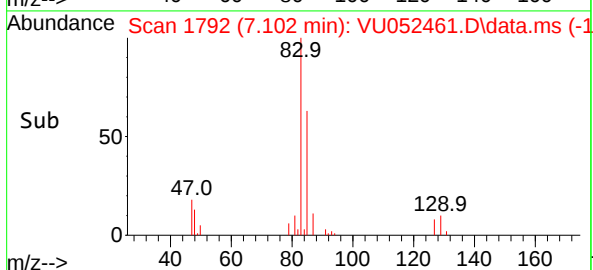
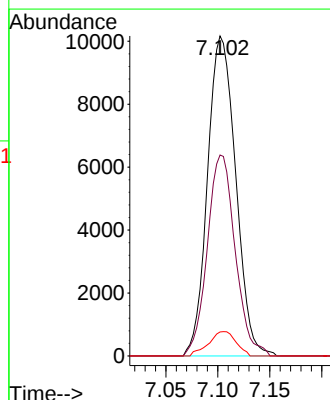
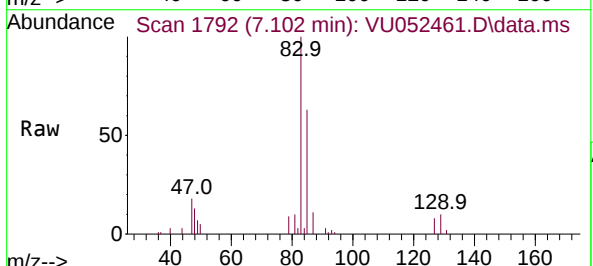
Tgt Ion: 83 Resp: 19203

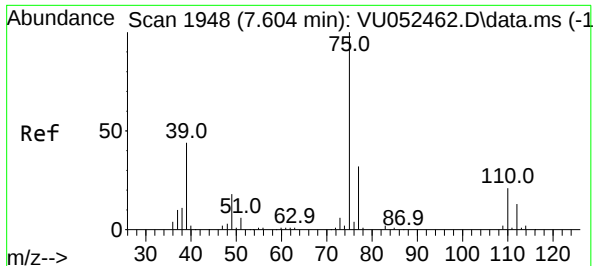
Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

127 7.5 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 0.787 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

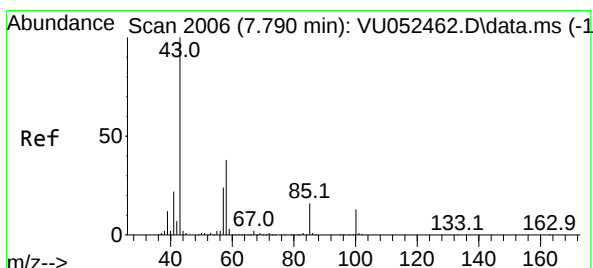
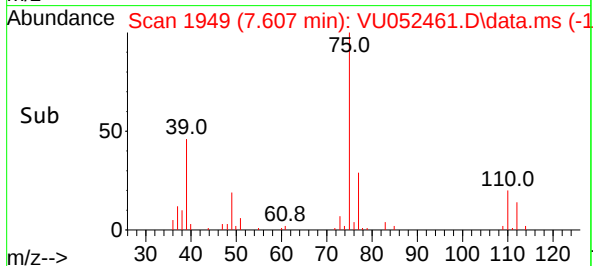
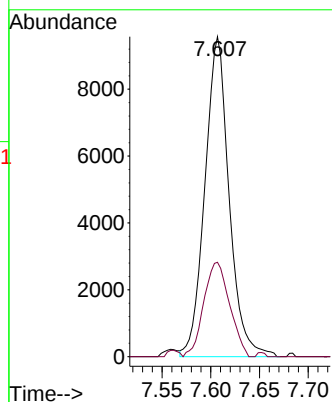
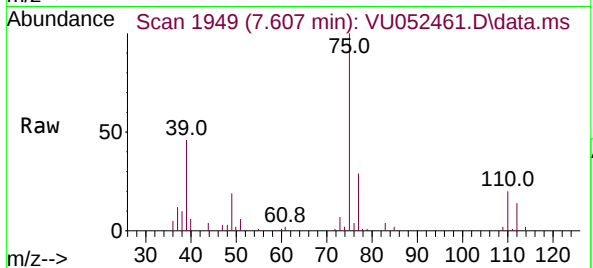
VSTD001075

Tgt Ion: 75 Resp: 16556

Ion Ratio Lower Upper

75 100

77 29.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 7.850 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

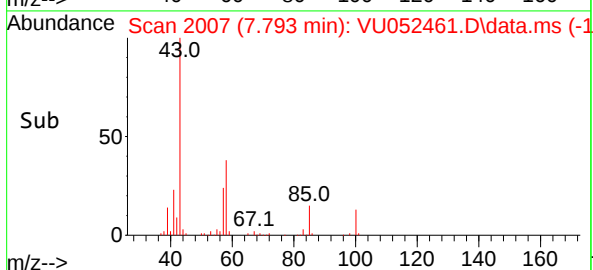
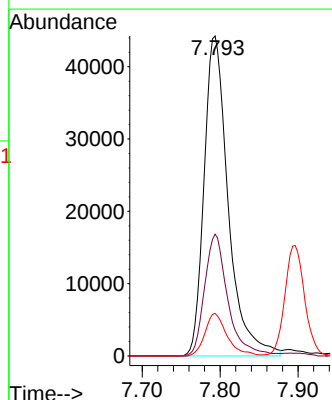
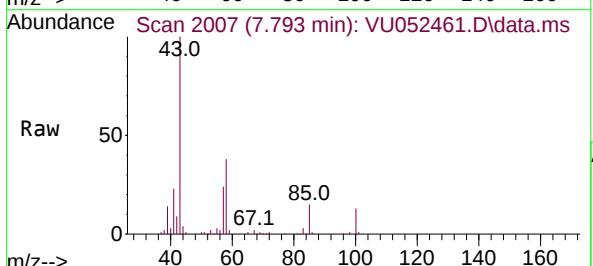
Tgt Ion: 43 Resp: 95283

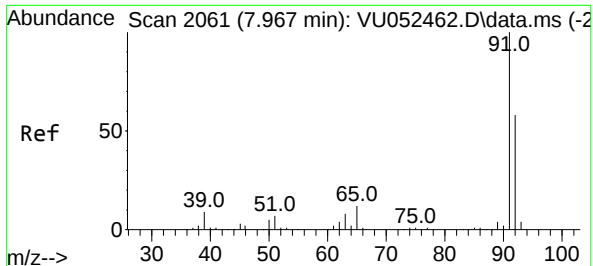
Ion Ratio Lower Upper

43 100

58 36.6 30.6 45.8

100 12.2 10.4 15.6





#42

Toluene

Concen: 0.833 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

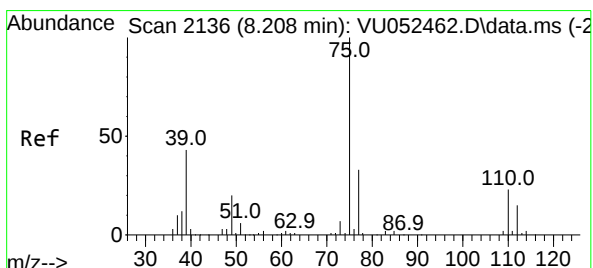
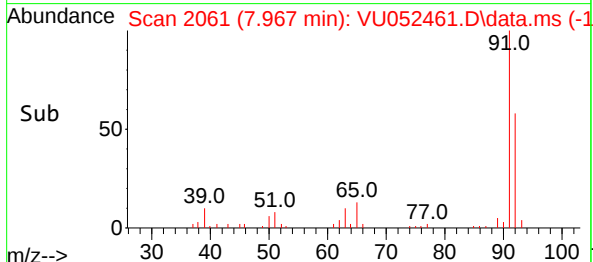
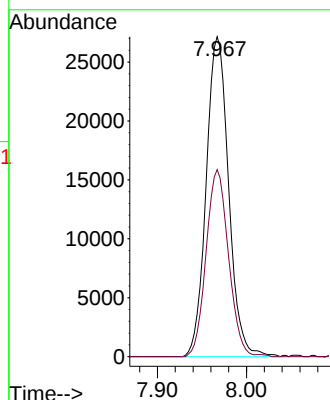
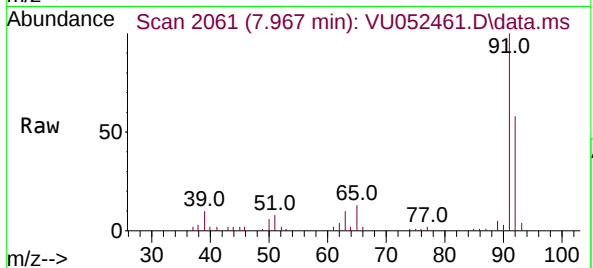
VSTD001075

Tgt Ion: 91 Resp: 47525

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU052461.D

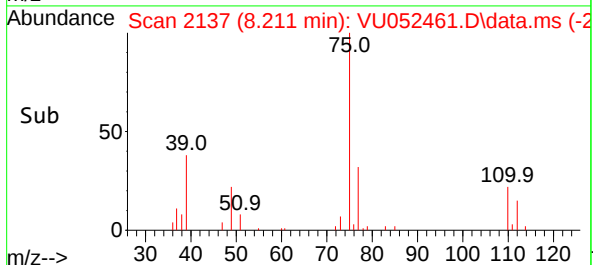
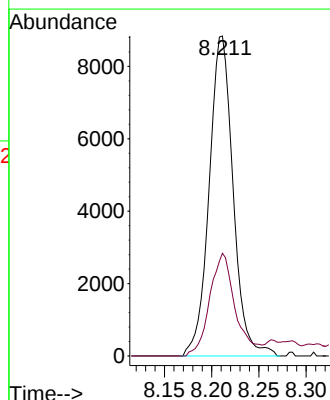
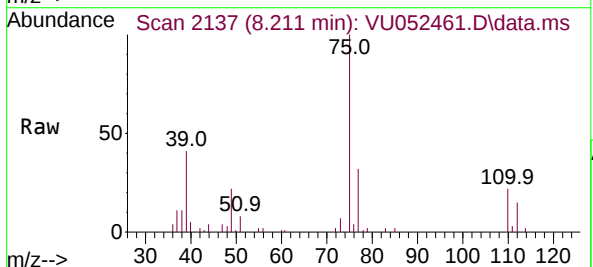
Acq: 20 Dec 2022 16:18

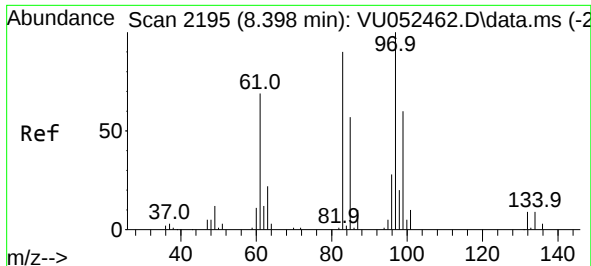
Tgt Ion: 75 Resp: 15582

Ion Ratio Lower Upper

75 100

77 32.1 22.8 42.4

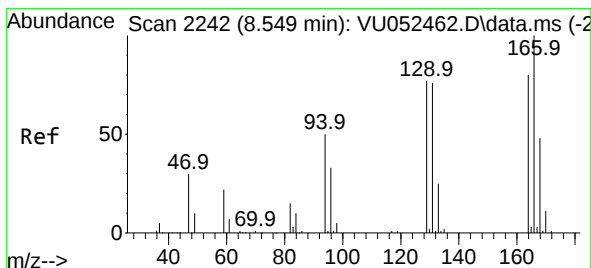
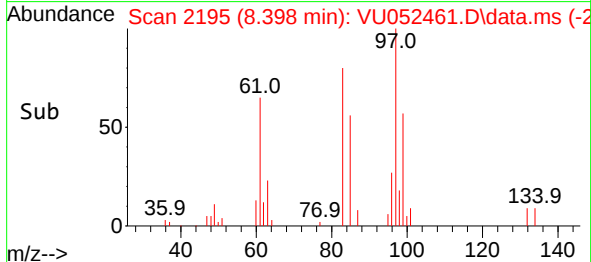
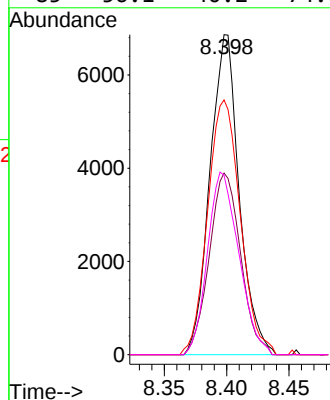
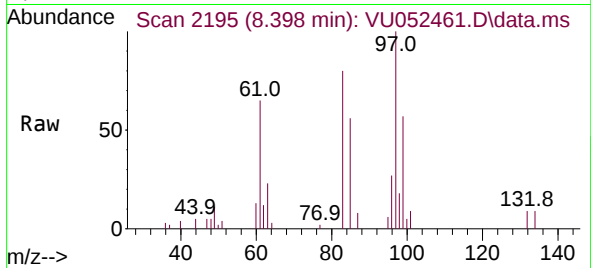




#45
1,1,2-Trichloroethane
Concen: 0.953 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

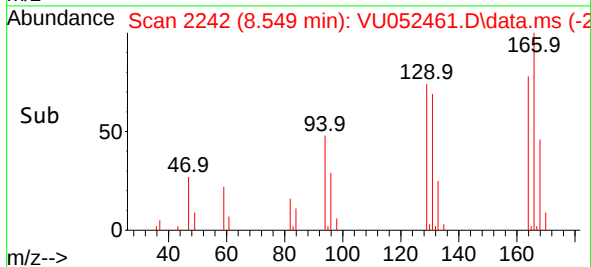
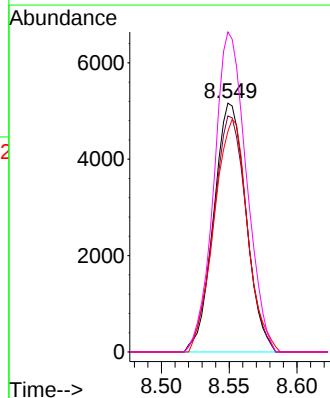
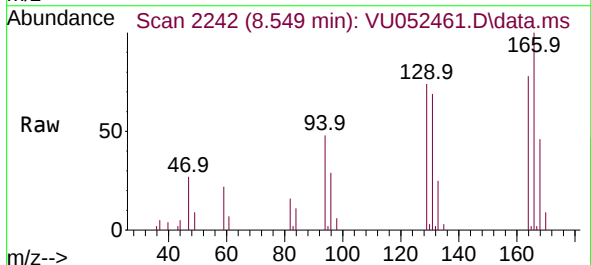
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

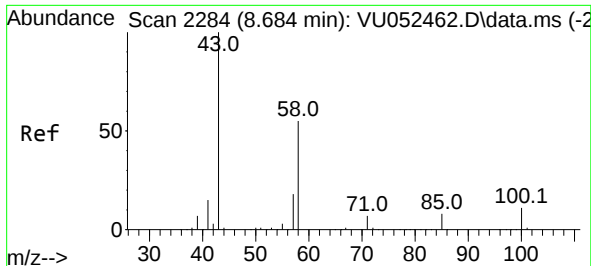
Tgt Ion:	97	Resp:	11209
Ion	Ratio	Lower	Upper
97	100		
99	56.7	42.0	78.0
83	79.6	63.2	117.4
85	56.1	40.2	74.6



#47
Tetrachloroethene
Concen: 0.879 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:	164	Resp:	8540
Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.1	126.5
131	88.7	66.5	123.5
166	128.6	87.9	163.3

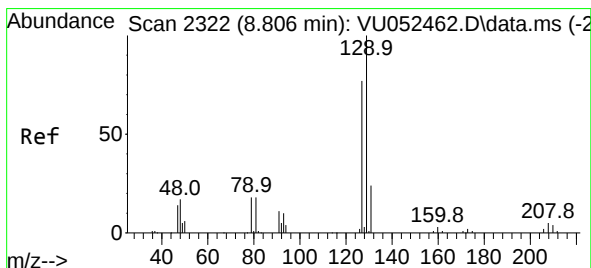
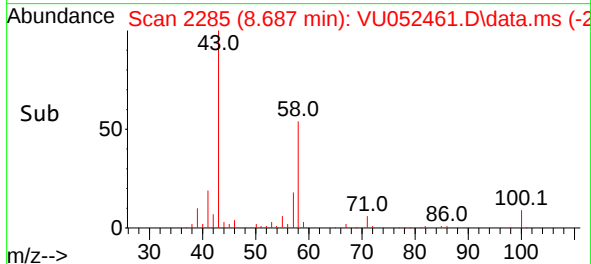
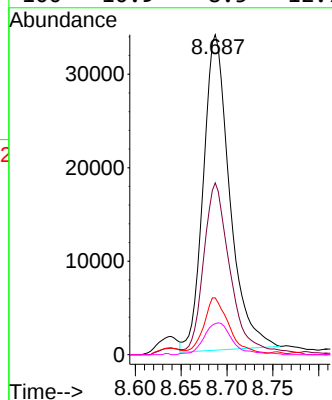
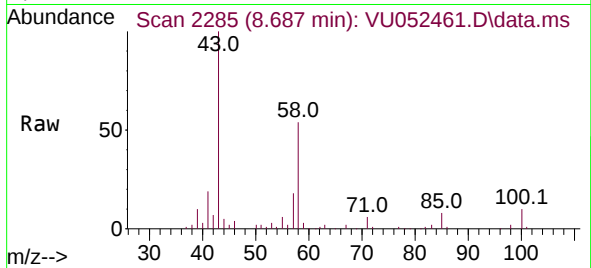




#48
2-Hexanone
Concen: 7.461 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

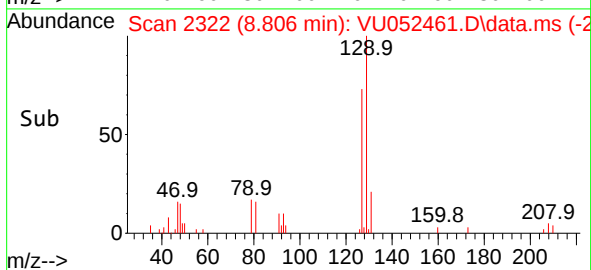
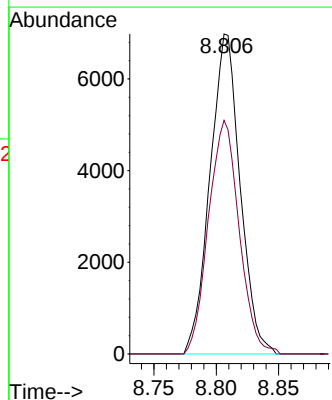
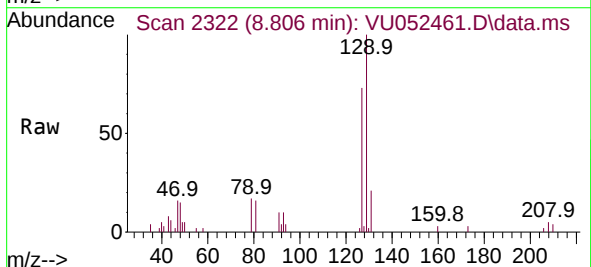
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

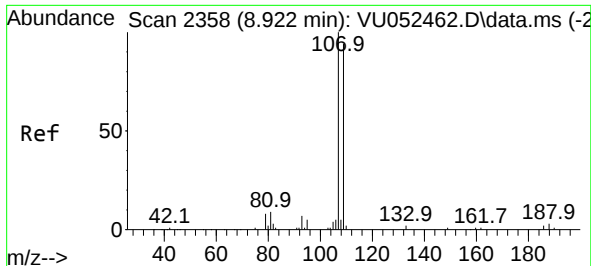
Tgt Ion: 43	Resp: 67586
Ion Ratio	Lower Upper
43 100	
58 53.8	44.1 66.1
57 16.7	14.6 21.8
100 10.9	8.5 12.7



#49
Dibromochloromethane
Concen: 0.943 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:129	Resp:	11741	
Ion	Ratio	Lower	Upper
129	100		
127	73.0	54.2	100.6





#50

1,2-Dibromoethane

Concen: 0.927 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

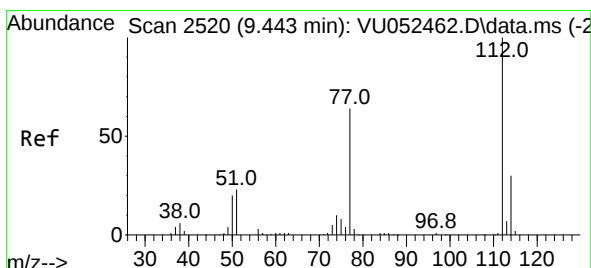
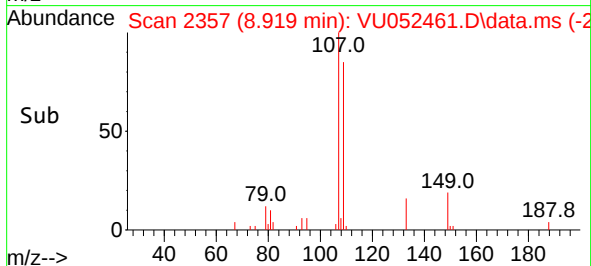
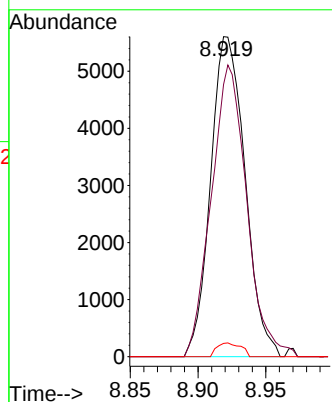
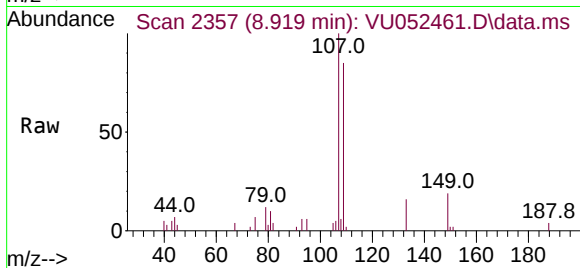
Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

Tgt Ion:	107	Resp:	9916
Ion	Ratio	Lower	Upper
107	100		
109	85.0	65.8	122.2
188	4.2	2.3	3.5



#51

Chlorobenzene

Concen: 0.913 ug/L

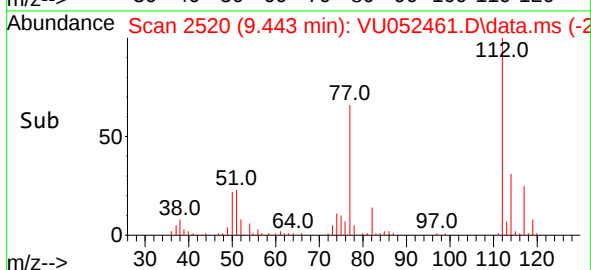
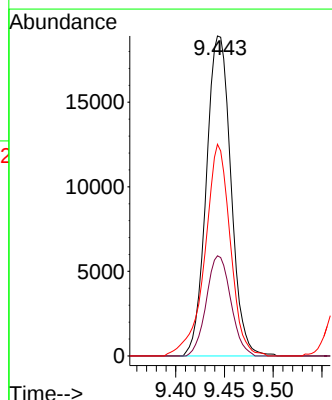
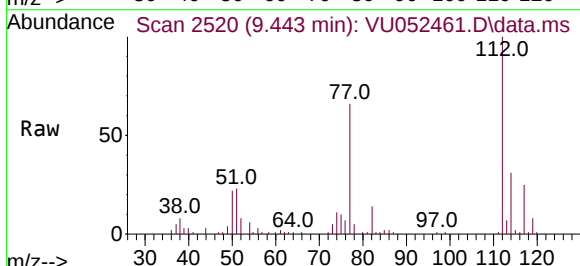
RT: 9.443 min Scan# 2520

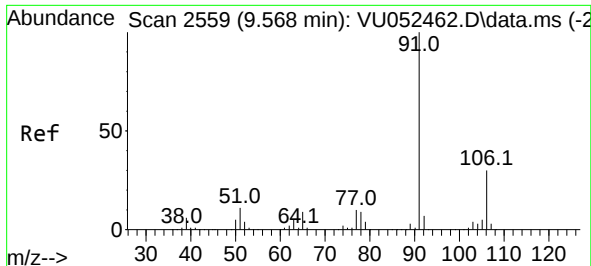
Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Tgt Ion:	112	Resp:	33261
Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.3	39.5
77	66.2	51.0	76.6





#52

Ethylbenzene

Concen: 0.814 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. -0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

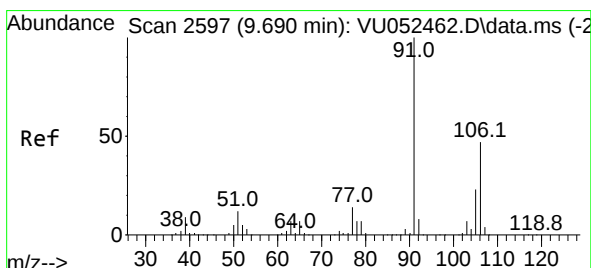
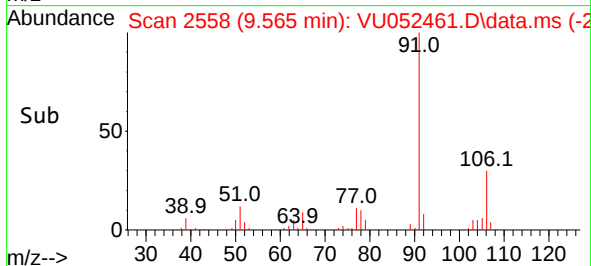
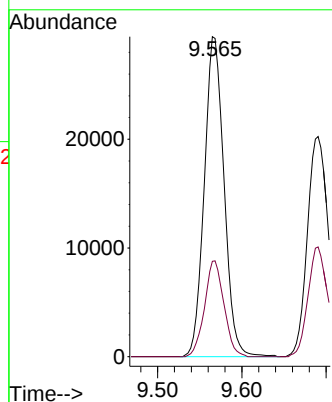
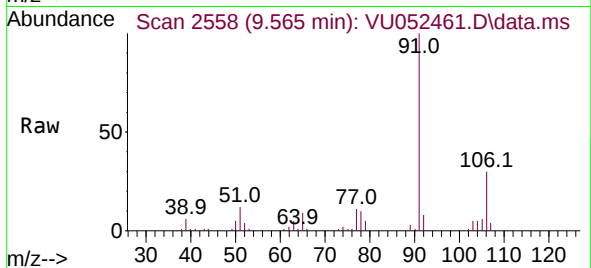
VSTD001075

Tgt Ion: 91 Resp: 48059

Ion Ratio Lower Upper

91 100

106 29.8 20.9 38.7



#53

m,p-Xylene

Concen: 0.771 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052461.D

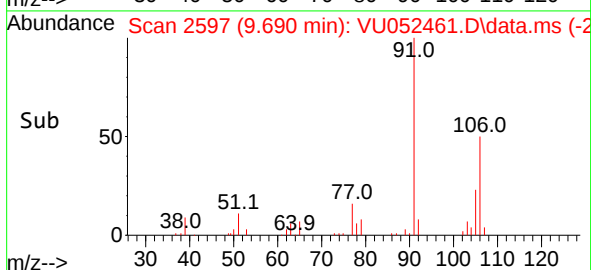
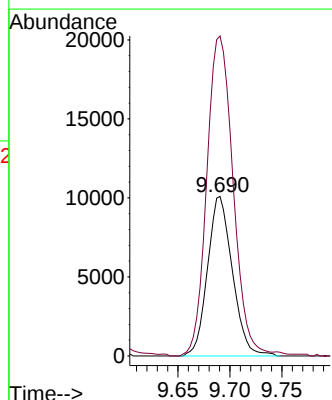
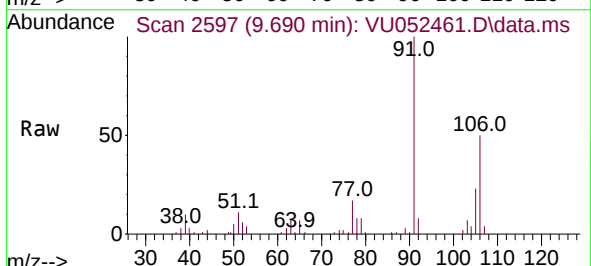
Acq: 20 Dec 2022 16:18

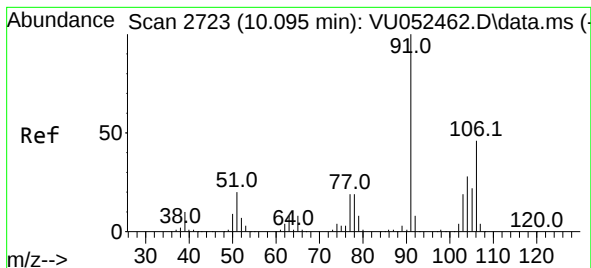
Tgt Ion:106 Resp: 16800

Ion Ratio Lower Upper

106 100

91 200.6 148.2 275.2





#54

o-Xylene

Concen: 0.759 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

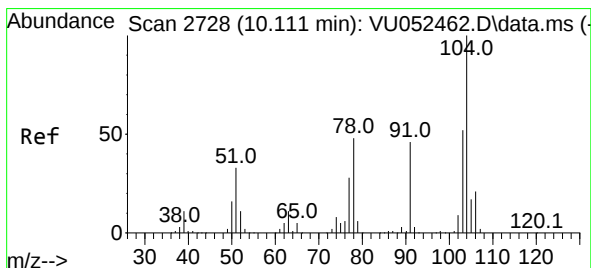
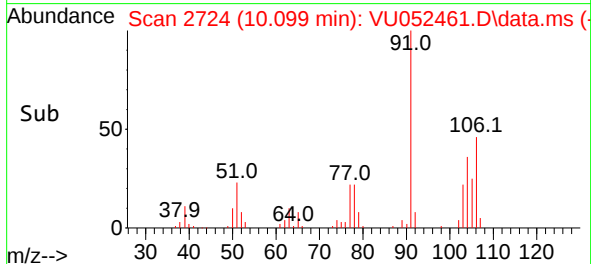
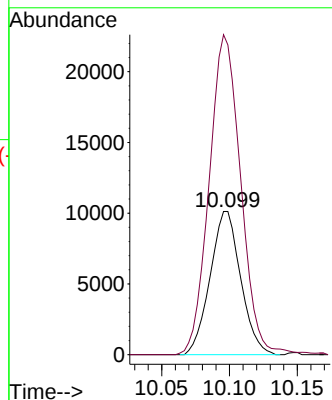
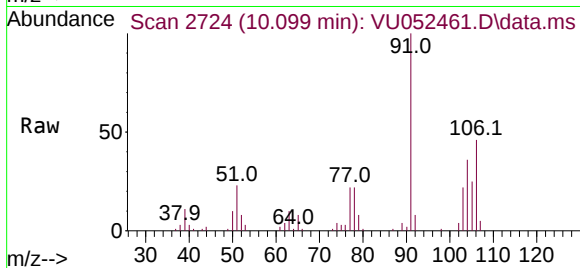
VSTD001075

Tgt Ion:106 Resp: 15856

Ion Ratio Lower Upper

106 100

91 216.2 153.2 284.4



#55

Styrene

Concen: 0.775 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052461.D

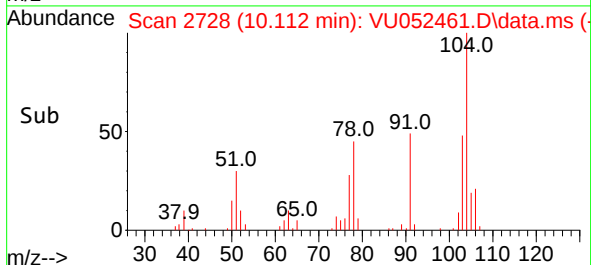
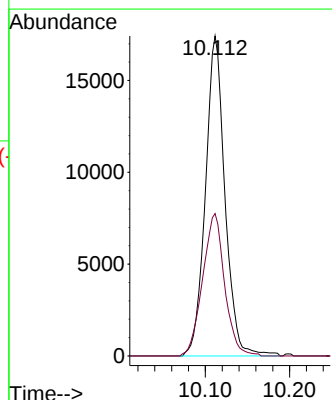
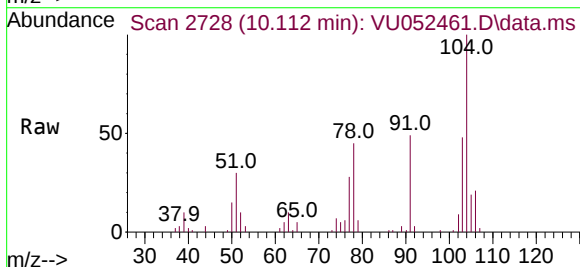
Acq: 20 Dec 2022 16:18

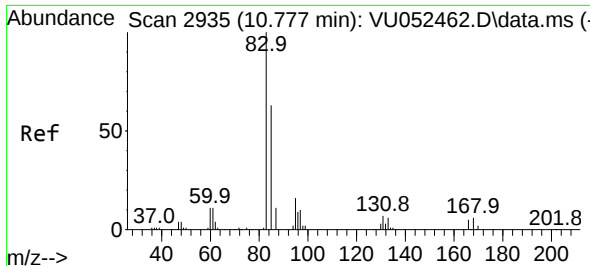
Tgt Ion:104 Resp: 28153

Ion Ratio Lower Upper

104 100

78 44.5 33.4 62.0

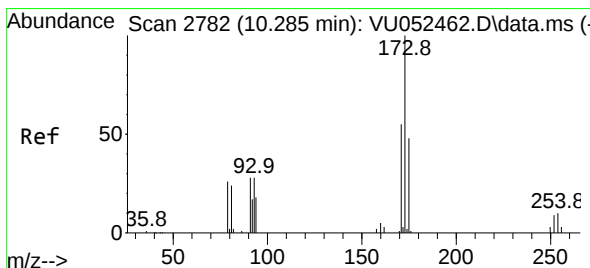
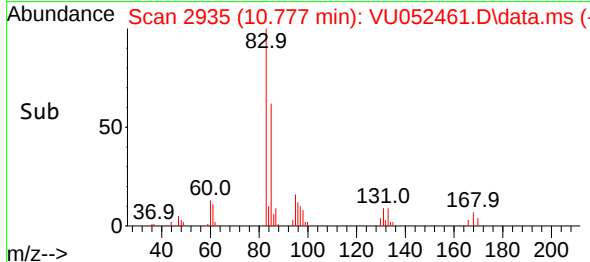
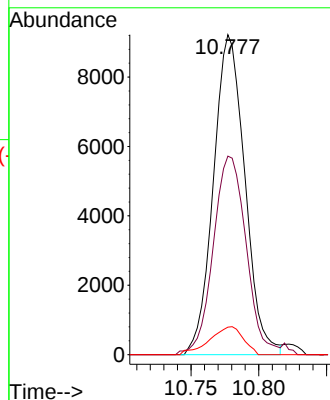
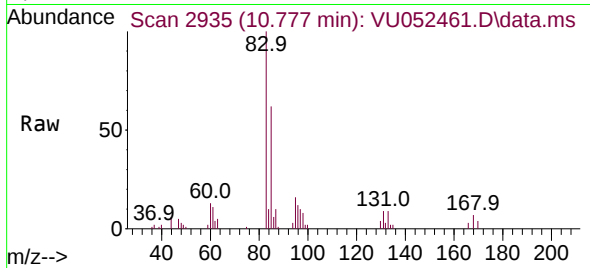




#57
1,1,2,2-Tetrachloroethane
Concen: 0.914 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

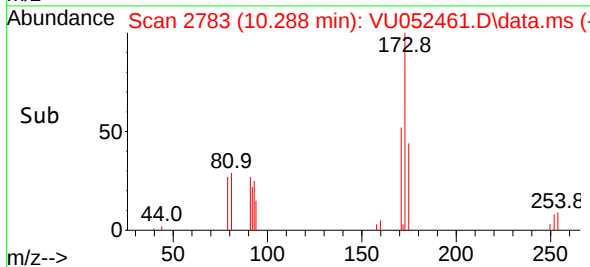
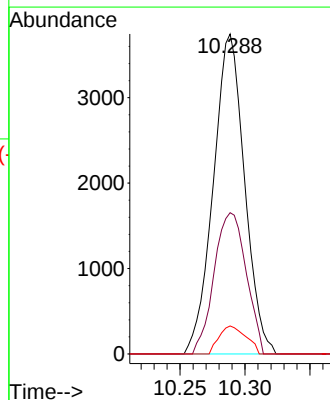
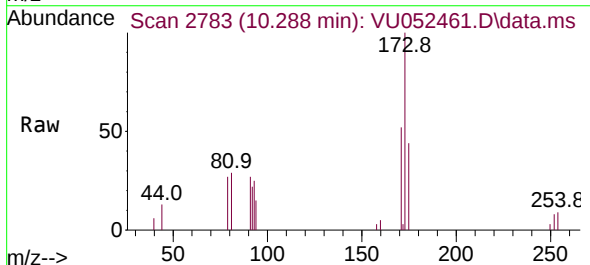
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

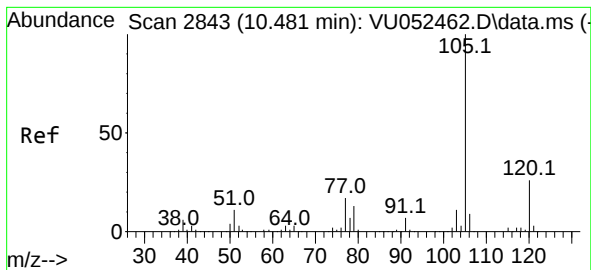
Tgt Ion:	83	Resp:	14856
Ion Ratio	Lower	Upper	
83	100		
85	62.0	44.7	83.1
131	8.6	6.0	9.0



#59
Bromoform
Concen: 0.959 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:	173	Resp:	6251
Ion Ratio	Lower	Upper	
173	100		
175	45.3	38.9	58.3
254	7.5	7.0	10.6





#60

Isopropylbenzene

Concen: 0.826 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

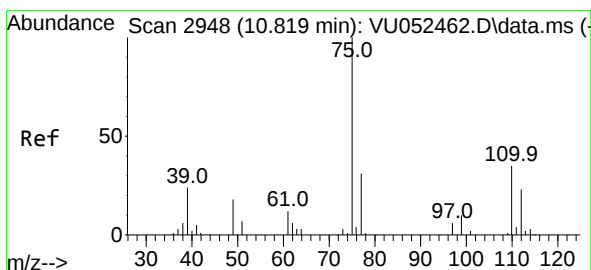
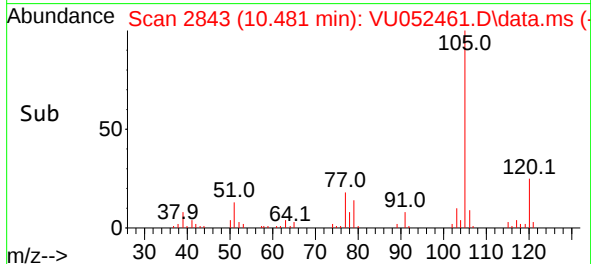
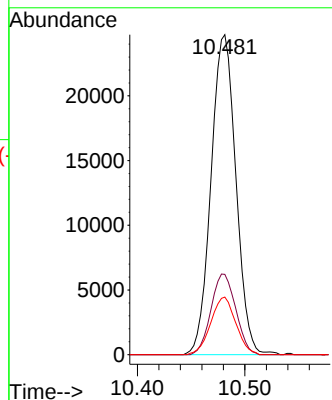
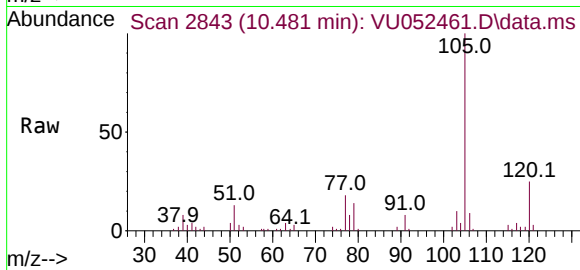
Tgt Ion:105 Resp: 39745

Ion Ratio Lower Upper

105 100

120 25.0 20.6 31.0

77 18.2 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 1.026 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

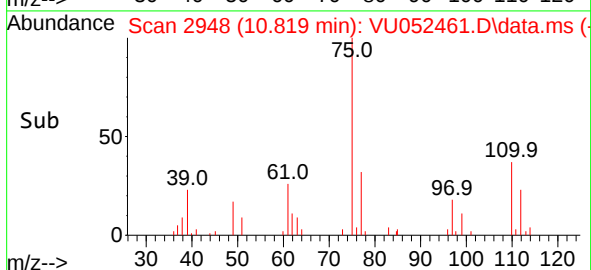
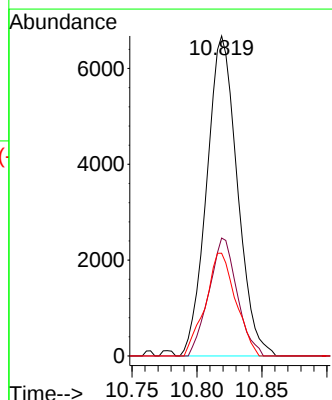
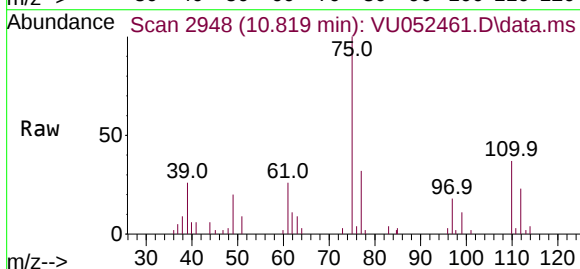
Tgt Ion: 75 Resp: 10925

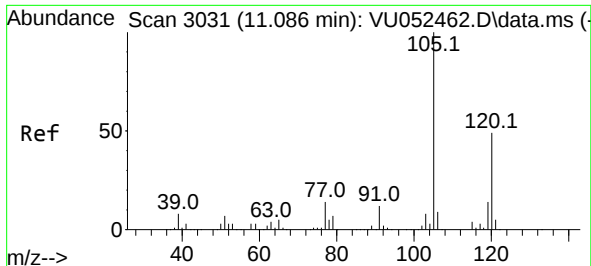
Ion Ratio Lower Upper

75 100

110 34.0 27.9 41.9

77 31.8 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 0.794 ug/L

RT: 11.083 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

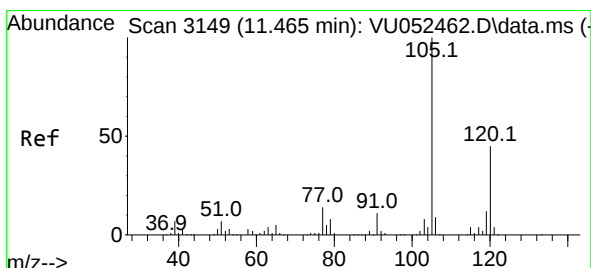
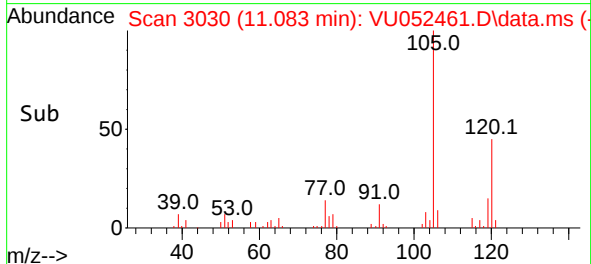
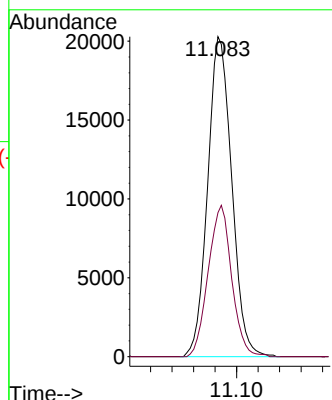
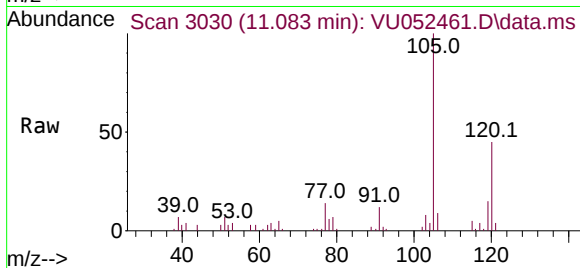
VSTD001075

Tgt Ion:105 Resp: 31520

Ion Ratio Lower Upper

105 100

120 46.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.757 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU052461.D

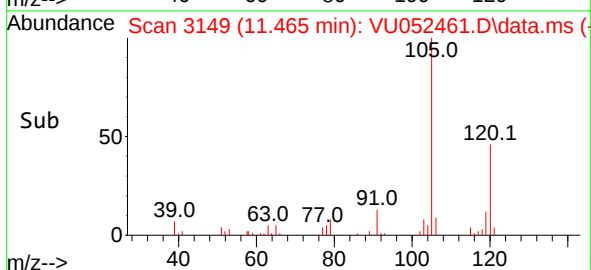
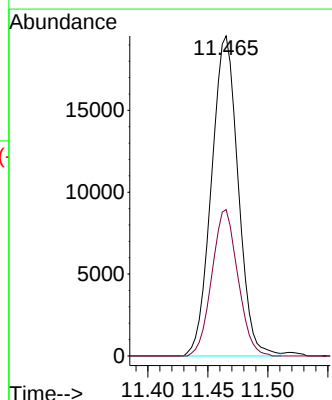
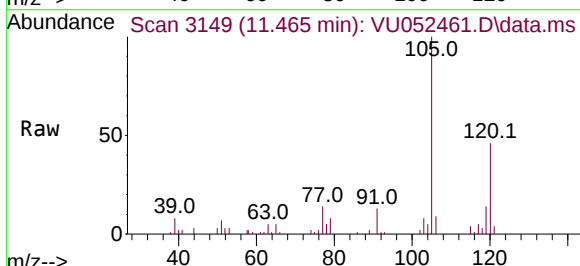
Acq: 20 Dec 2022 16:18

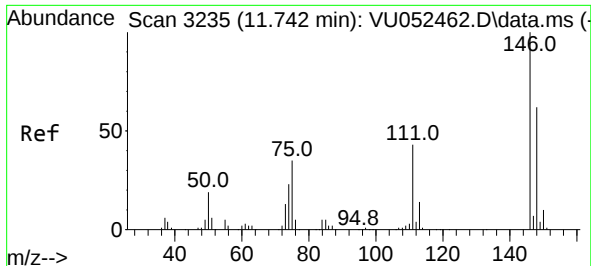
Tgt Ion:105 Resp: 30237

Ion Ratio Lower Upper

105 100

120 44.6 35.6 53.4

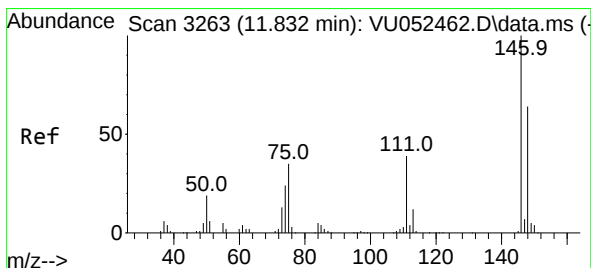
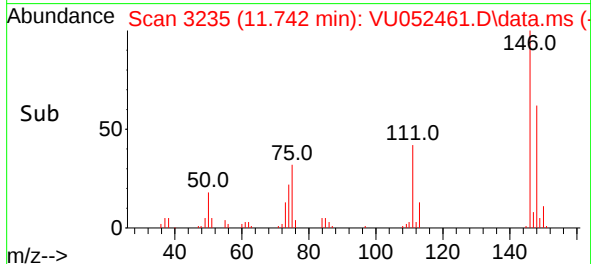
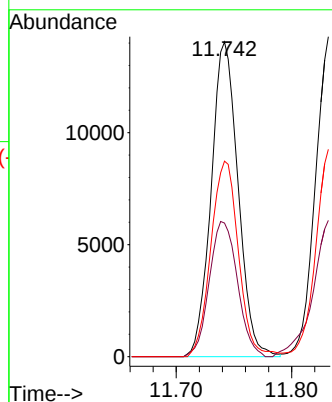
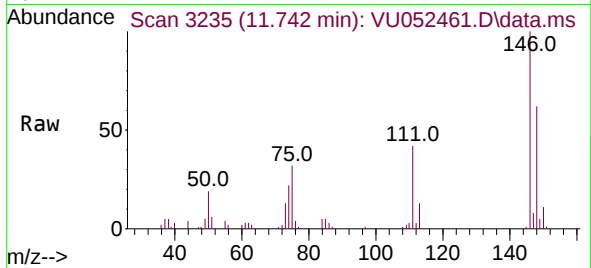




#64
1,3-Dichlorobenzene
Concen: 0.953 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

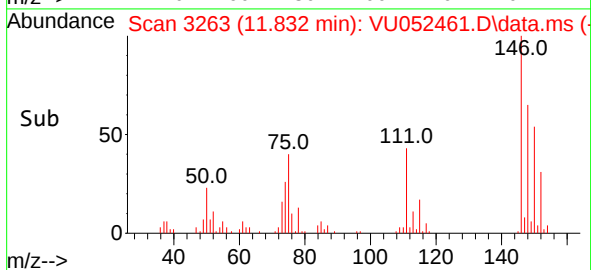
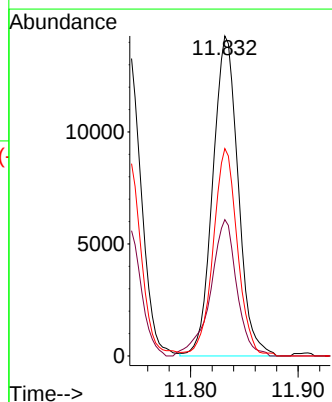
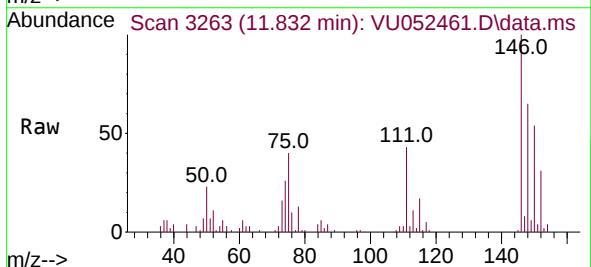
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

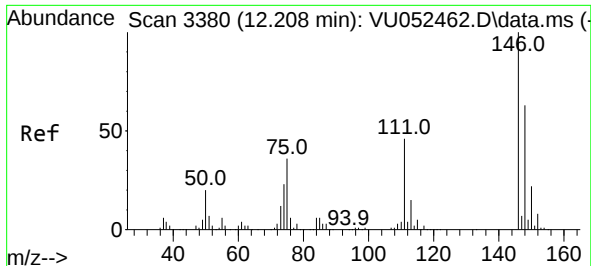
Tgt Ion:146 Resp: 22746
Ion Ratio Lower Upper
146 100
111 42.5 29.9 55.5
148 62.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 0.949 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:146 Resp: 23423
Ion Ratio Lower Upper
146 100
111 42.6 27.5 51.1
148 64.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 0.959 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD001075

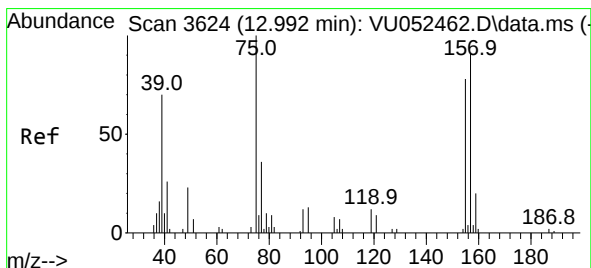
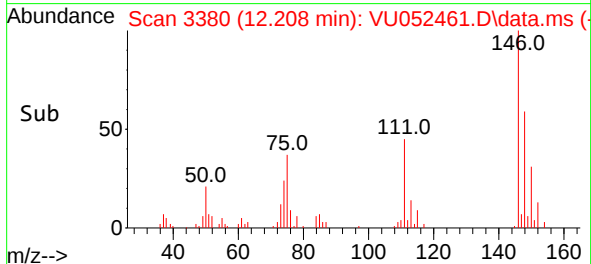
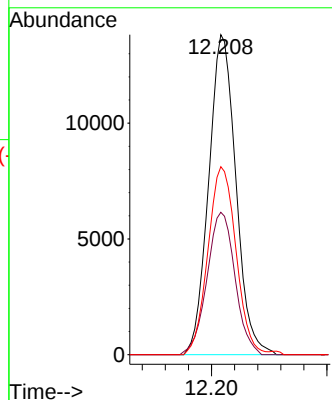
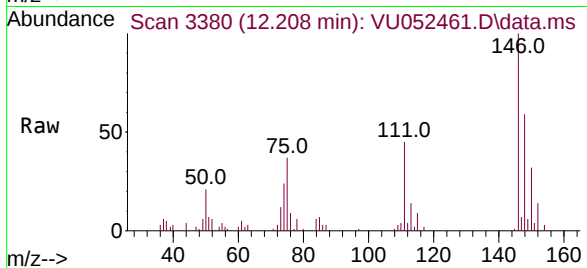
Tgt Ion:146 Resp: 22619

Ion Ratio Lower Upper

146 100

111 44.5 36.6 55.0

148 58.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.930 ug/L

RT: 12.993 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052461.D

Acq: 20 Dec 2022 16:18

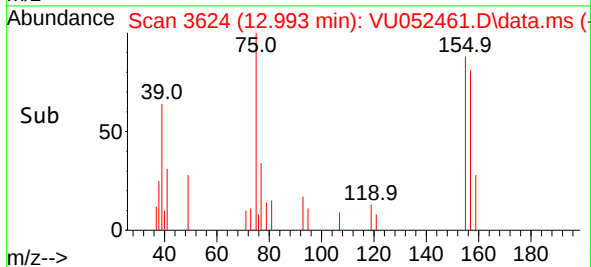
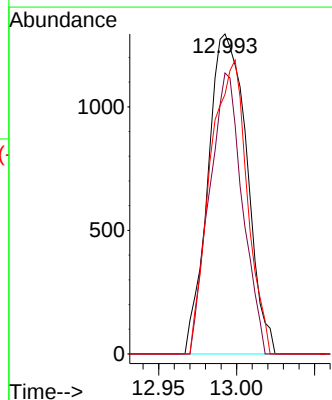
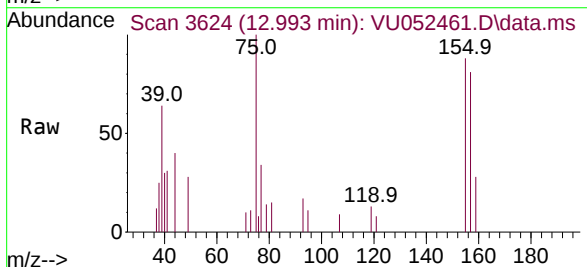
Tgt Ion: 75 Resp: 2241

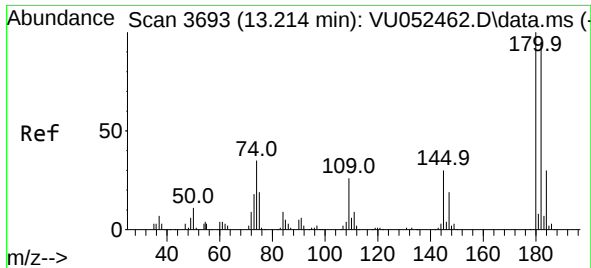
Ion Ratio Lower Upper

75 100

155 87.8 62.2 93.2

157 81.1 73.0 109.4

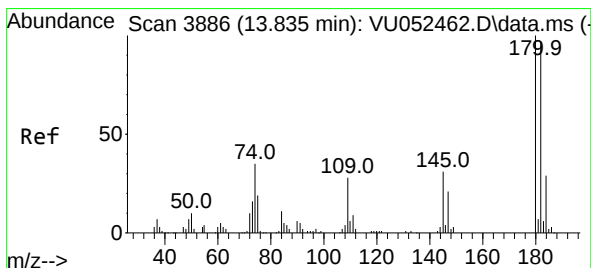
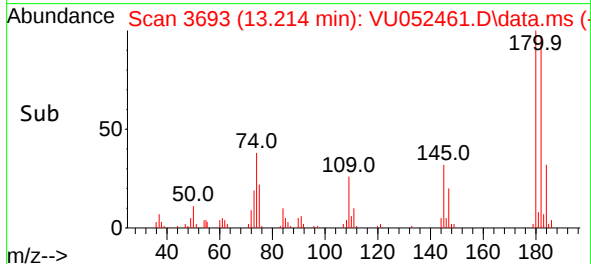
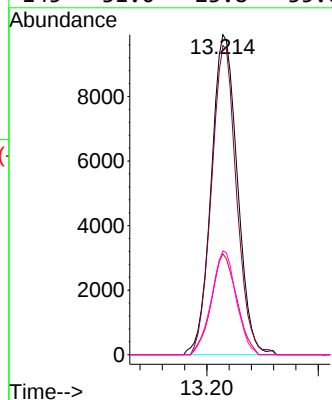
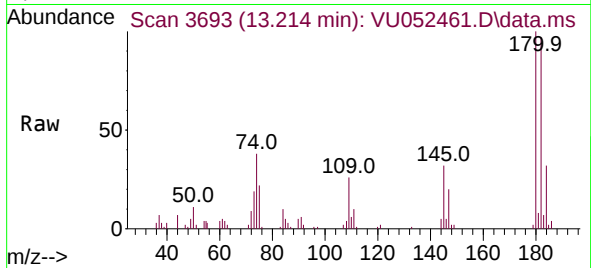




#69
1,3,5-Trichlorobenzene
Concen: 0.915 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

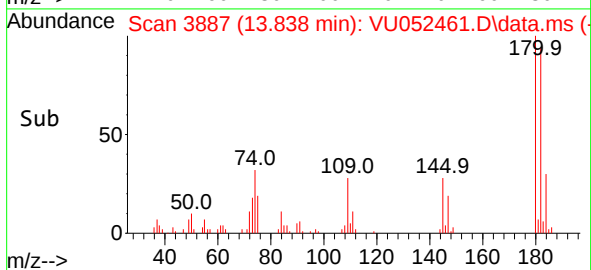
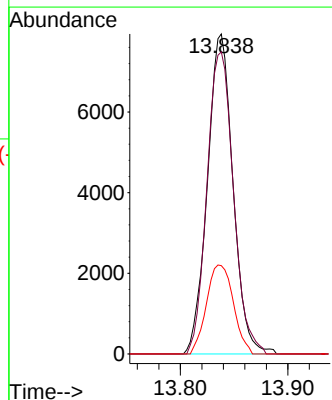
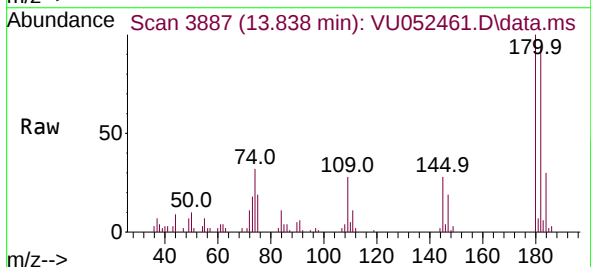
Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

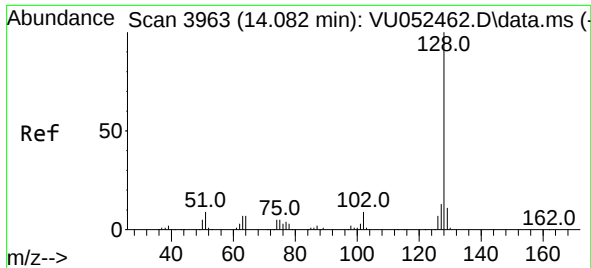
Tgt Ion:	180	Resp:	16083
Ion Ratio	Lower	Upper	
180	100		
182	92.7	75.8	113.8
184	30.5	23.4	35.0
145	31.0	23.8	35.6



#70
1,2,4-trichlorobenzene
Concen: 0.888 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:	180	Resp:	13137
Ion Ratio	Lower	Upper	
180	100		
182	97.4	77.7	116.5
145	29.1	24.0	36.0

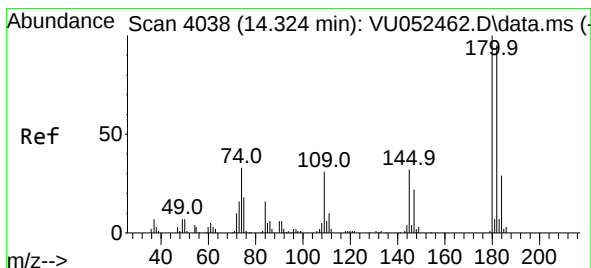
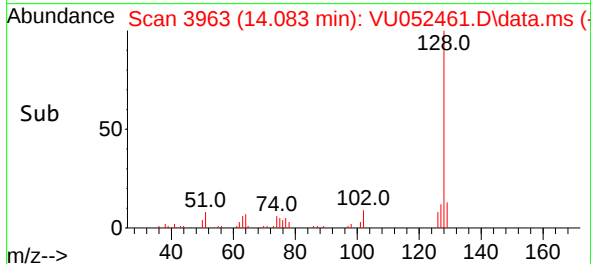
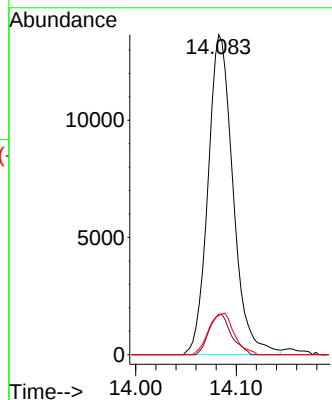
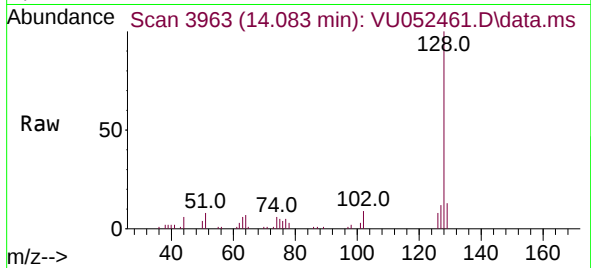




#71
Naphthalene
Concen: 0.790 ug/L
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

Tgt Ion:128	Resp:	23625
Ion Ratio	Lower	Upper
128	100	
129	11.2	8.7 13.1
127	13.1	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.886 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052461.D
Acq: 20 Dec 2022 16:18

Tgt Ion:180	Resp:	13126
Ion Ratio	Lower	Upper
180	100	
182	90.3	76.3 114.5
145	32.6	25.8 38.8

