

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049952.D
 Acq On : 27 Jul 2022 16:25
 Operator : SY/MD
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001045

Quant Time: Jul 28 03:12:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	7253	0.885	ug/L	0.00
7) Chloroethane-d5	1.909	69	5610	1.005	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	2517	0.783	ug/L	0.00
20) 2-Butanone-d5	4.636	46	15194	7.118	ug/L	0.00
24) Chloroform-d	5.063	84	11756	0.911	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	6157	0.886	ug/L	0.00
32) Benzene-d6	5.729	84	22950	0.835	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	7819	0.848	ug/L	0.00
41) Toluene-d8	7.899	98	19935	0.807	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2678	0.677	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	8074	5.085	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	6468	0.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6102	0.831	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7552	0.955	ug/L	96
3) Chloromethane	1.520	50	8499	0.982	ug/L	91
5) Vinyl chloride	1.600	62	8439	1.067	ug/L	95
6) Bromomethane	1.854	94	4547	1.056	ug/L	97
8) Chloroethane	1.932	64	4766	1.041	ug/L	94
9) Trichlorofluoromethane	2.137	101	9660	1.039	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	5596	1.020	ug/L	98
12) 1,1-Dichloroethene	2.575	96	5203	0.990	ug/L	89
13) Acetone	2.632	43	13678	12.625	ug/L	100
14) Carbon disulfide	2.790	76	15476	0.921	ug/L	99
15) Methyl Acetate	2.957	43	2468	0.878	ug/L	98
16) Methylene chloride	3.044	84	8407	1.180	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	13727	0.887	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	5442	0.942	ug/L	90
19) 1,1-Dichloroethane	3.870	63	11487	1.003	ug/L	98
21) 2-Butanone	4.713	43	17773	8.779	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	6288	0.954	ug/L	95
23) Bromochloromethane	4.973	128	3022	1.061	ug/L	94
25) Chloroform	5.092	83	12984	1.111	ug/L	98
27) 1,2-Dichloroethane	5.800	62	7237	0.967	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	9189	0.862	ug/L	99
30) Cyclohexane	5.388	56	7593	0.652	ug/L	98
31) Carbon tetrachloride	5.523	117	7365	0.829	ug/L	100
33) Benzene	5.774	78	24950	0.926	ug/L	100
34) Trichloroethene	6.542	95	5991	0.879	ug/L	98
35) Methylcyclohexane	6.767	83	7722	0.698	ug/L	98
37) 1,2-Dichloropropane	6.793	63	6896	0.931	ug/L	99
38) Bromodichloromethane	7.108	83	8475	0.942	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	8447	0.778	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	38214	7.227	ug/L	98
42) Toluene	7.970	91	24523	0.861	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	7127	0.756	ug/L	94

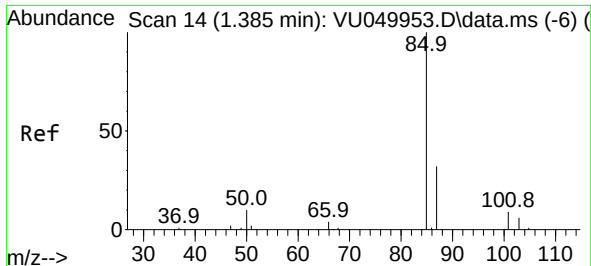
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	5201	0.986	ug/L	94
47) Tetrachloroethene	8.555	164	4324	0.915	ug/L	91
48) 2-Hexanone	8.687	43	29257	7.670	ug/L	95
49) Dibromochloromethane	8.812	129	5632	0.950	ug/L	97
50) 1,2-Dibromoethane	8.925	107	4660	0.973	ug/L #	97
51) Chlorobenzene	9.449	112	15686	0.901	ug/L	96
52) Ethylbenzene	9.571	91	21783	0.716	ug/L	99
53) m,p-Xylene	9.693	106	8461	0.747	ug/L	92
54) o-Xylene	10.102	106	8022	0.714	ug/L	99
55) Styrene	10.114	104	12507	0.662	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	6929	0.998	ug/L	97
59) Bromoform	10.291	173	3065	1.053	ug/L #	99
60) Isopropylbenzene	10.484	105	20552	0.805	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	4840	1.111	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	15413	0.695	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	14390	0.658	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	10189	0.910	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	10129	0.916	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	10333	0.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	783	0.689	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	7237	0.878	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	5131	0.782	ug/L	98
71) Naphthalene	14.089	128	10267	0.793	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	5174	0.830	ug/L	96

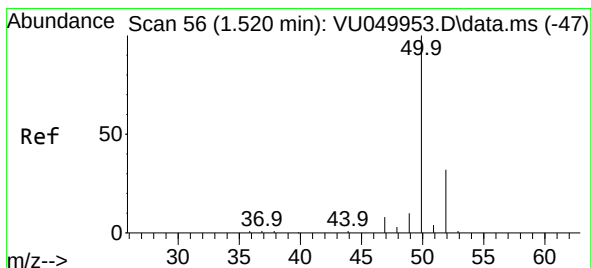
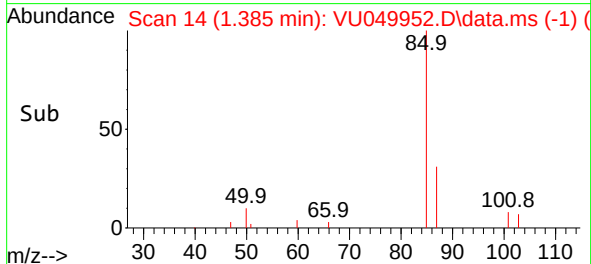
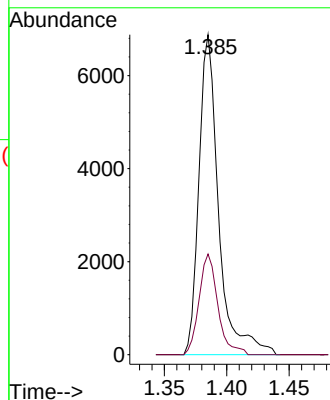
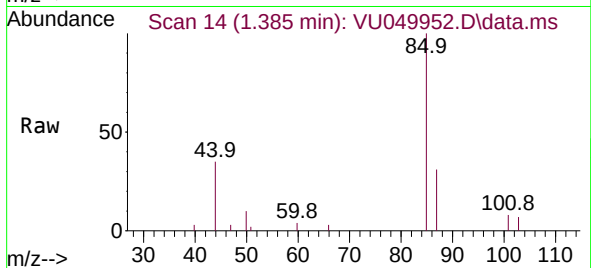
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.955 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

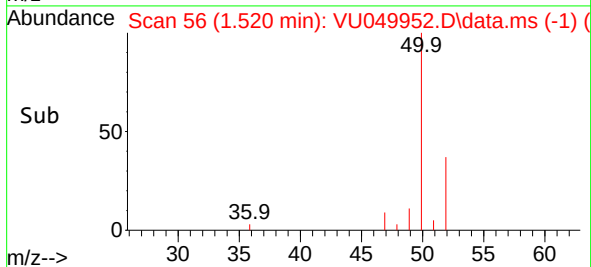
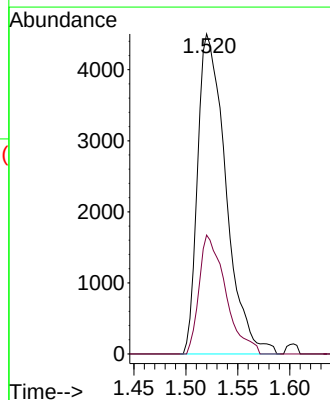
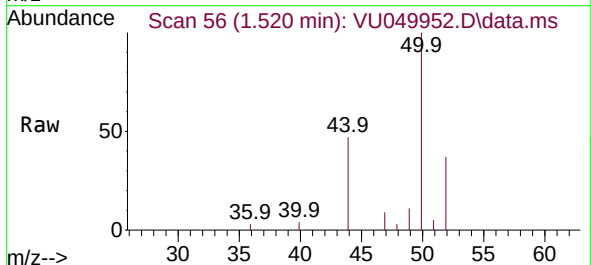
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

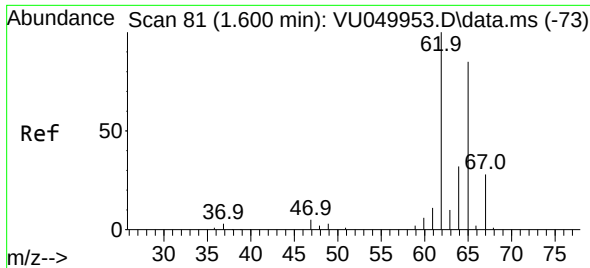
Tgt Ion: 85 Resp: 7552
Ion Ratio Lower Upper
85 100
87 30.0 25.7 38.5



#3
Chloromethane
Concen: 0.982 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 50 Resp: 8499
Ion Ratio Lower Upper
50 100
52 37.2 22.4 41.6

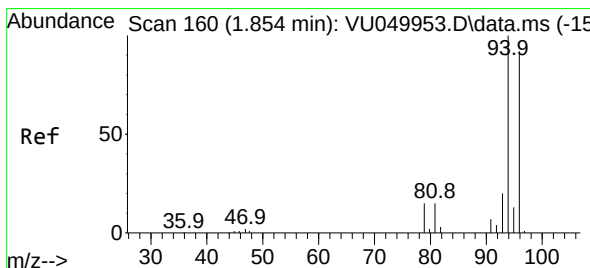
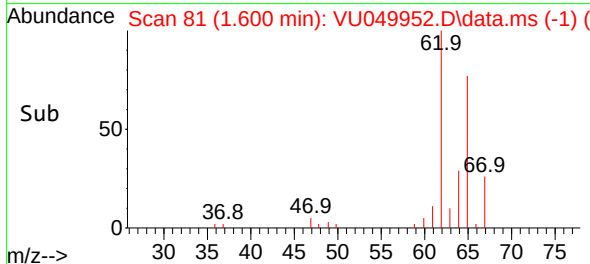
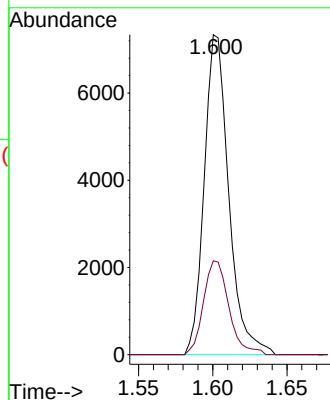
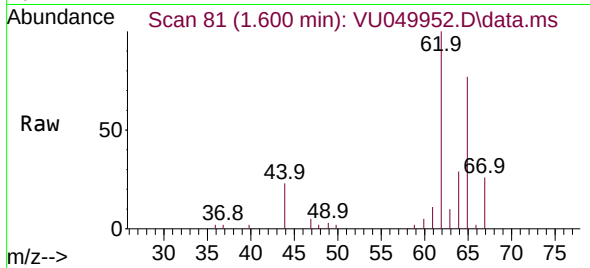




#5
 Vinyl chloride
 Concen: 1.067 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

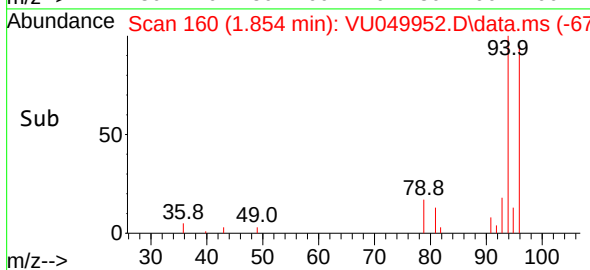
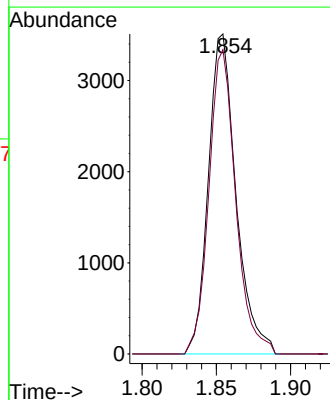
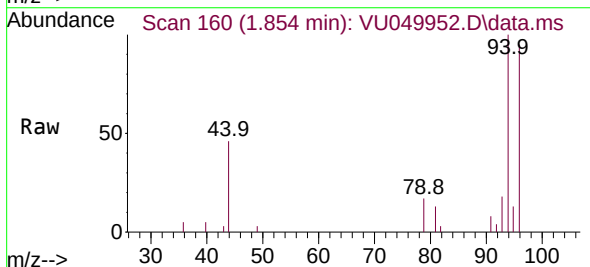
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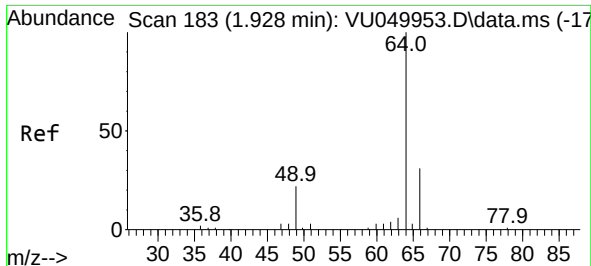
Tgt Ion: 62 Resp: 8439
 Ion Ratio Lower Upper
 62 100
 64 29.4 22.5 41.9



#6
 Bromomethane
 Concen: 1.056 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

Tgt Ion: 94 Resp: 4547
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.5 119.9

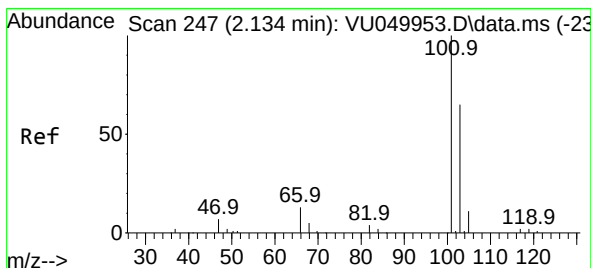
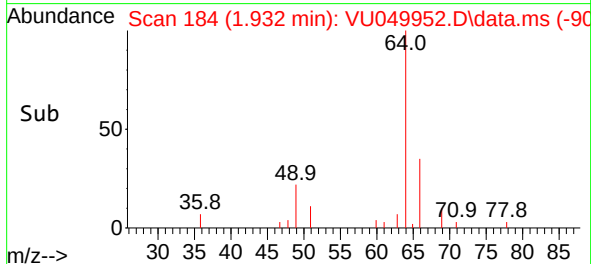
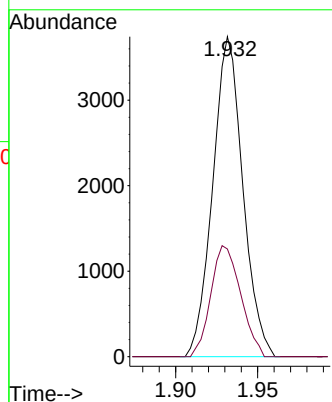
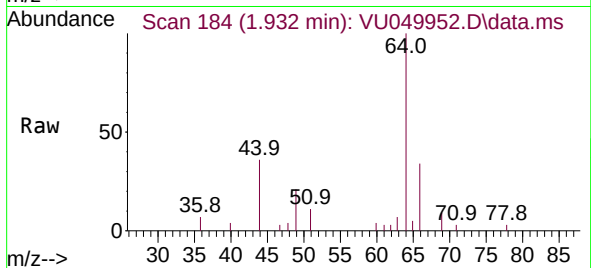




#8
Chloroethane
Concen: 1.041 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

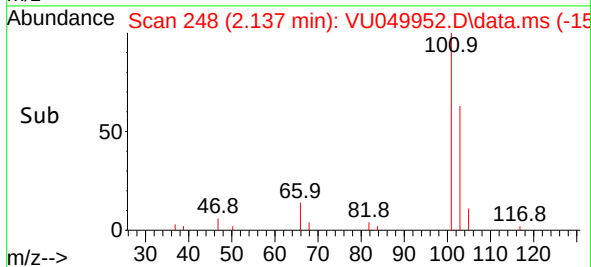
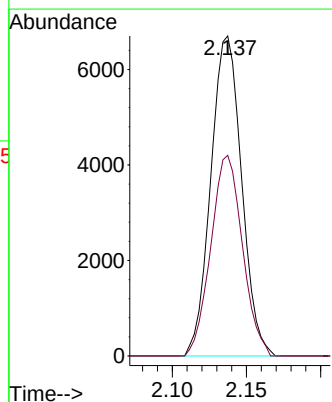
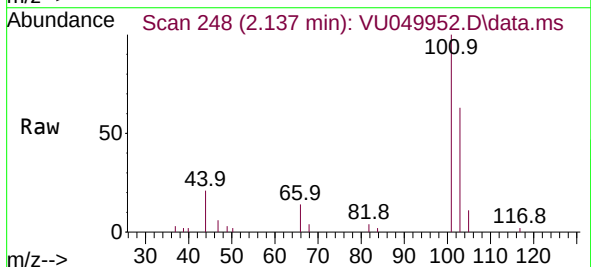
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ClientSampleId :
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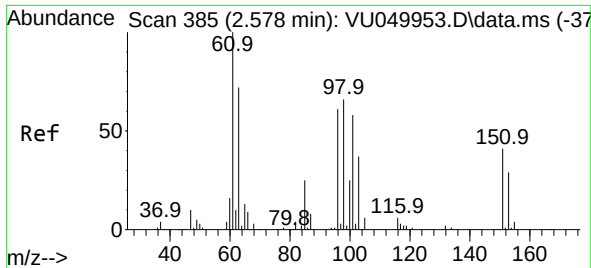
Tgt Ion: 64 Resp: 4766
Ion Ratio Lower Upper
64 100
66 33.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 1.039 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 101 Resp: 9660
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.6

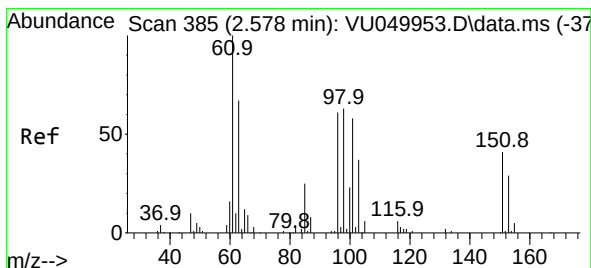
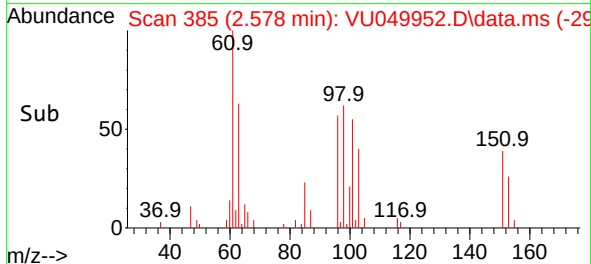
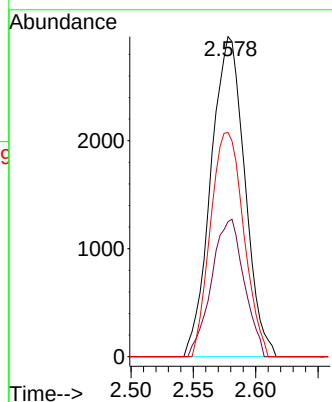
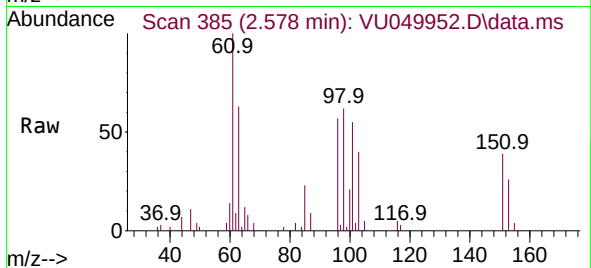




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.020 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

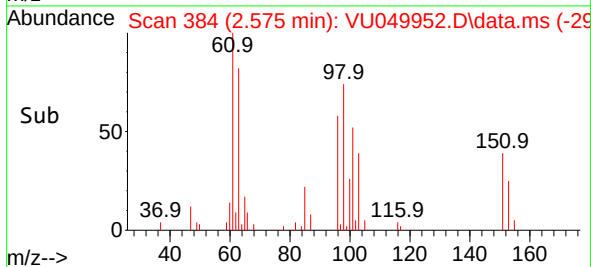
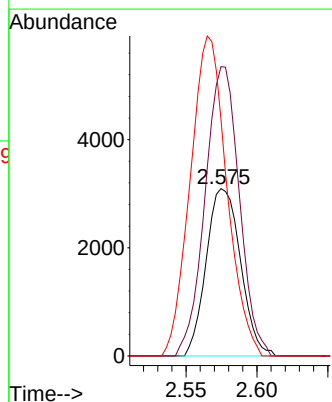
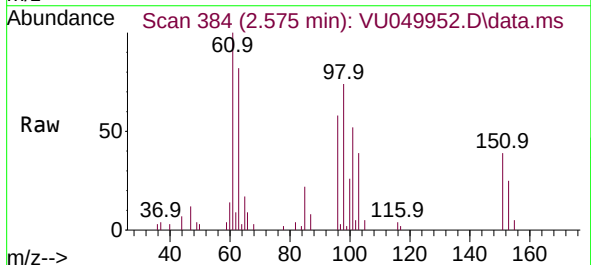
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

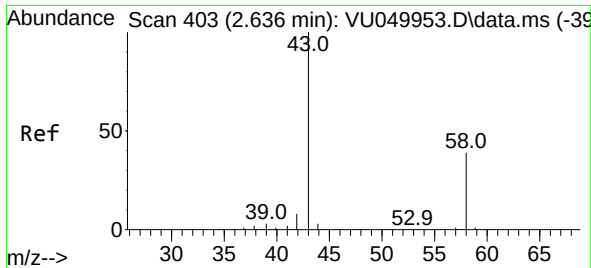
Tgt Ion:101 Resp: 5596
Ion Ratio Lower Upper
101 100
85 41.4 34.1 51.1
151 68.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.990 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 96 Resp: 5203
Ion Ratio Lower Upper
96 100
61 172.8 115.7 214.9
63 141.3 84.8 157.4





#13

Acetone

Concen: 12.625 ug/L

RT: 2.632 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

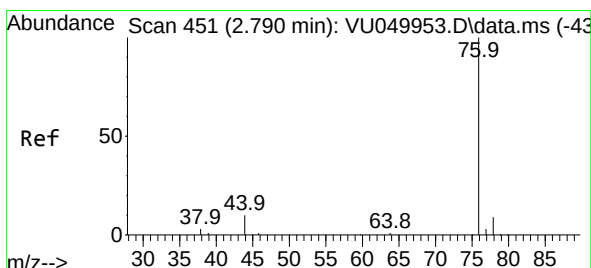
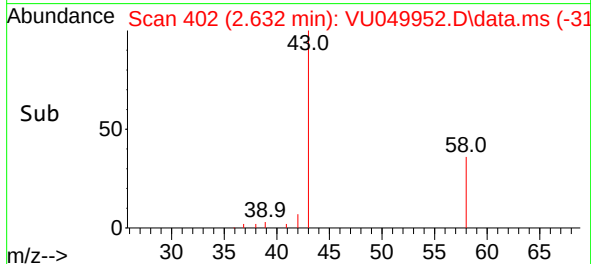
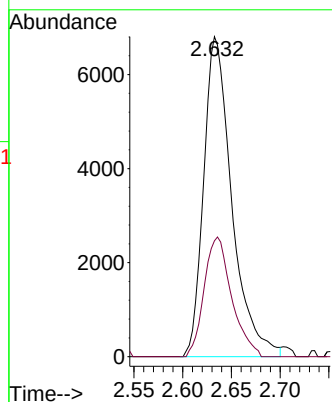
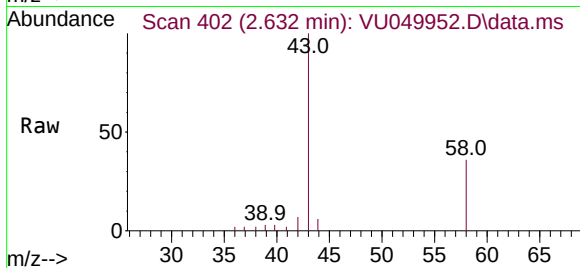
VSTD001045

Tgt Ion: 43 Resp: 13678

Ion Ratio Lower Upper

43 100

58 36.5 0.0 73.0



#14

Carbon disulfide

Concen: 0.921 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049952.D

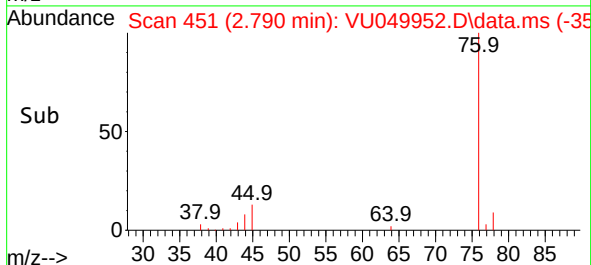
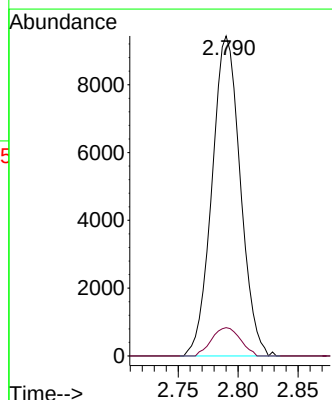
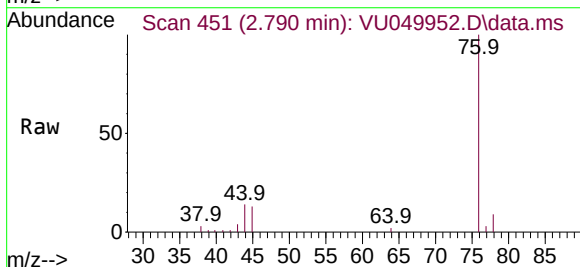
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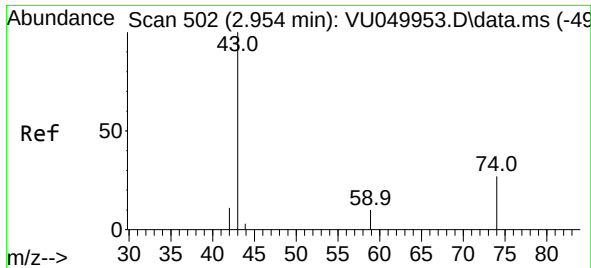
Tgt Ion: 76 Resp: 15476

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

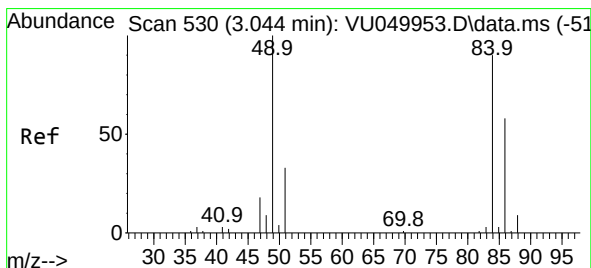
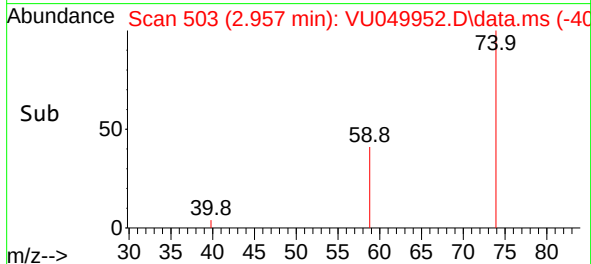
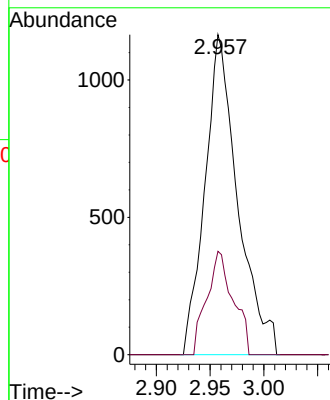
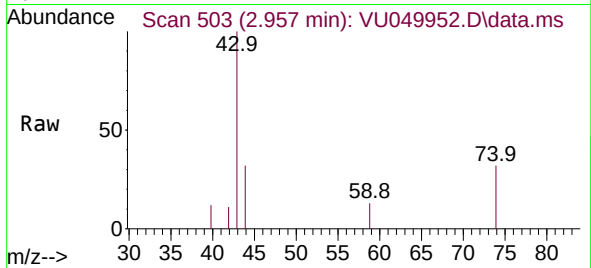




#15
Methyl Acetate
Concen: 0.878 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

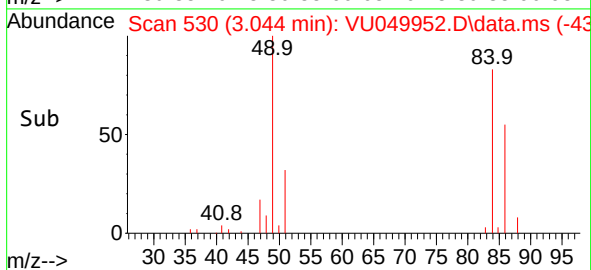
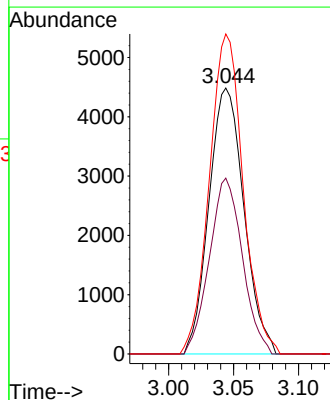
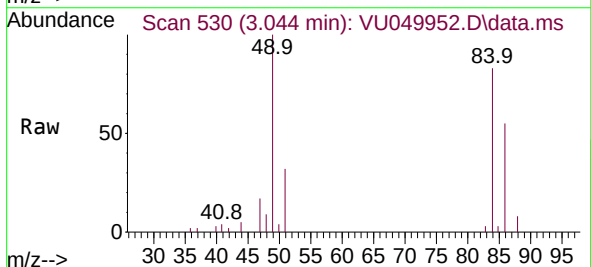
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ClientSampleId :
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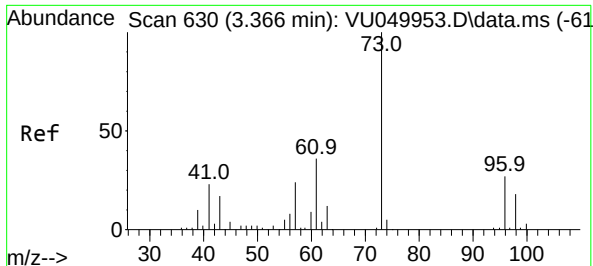
Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
74 25.9 21.6 32.4



#16
Methylene chloride
Concen: 1.180 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 84 Resp: 8407
Ion Ratio Lower Upper
84 100
86 66.1 45.2 84.0
49 120.3 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 0.887 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

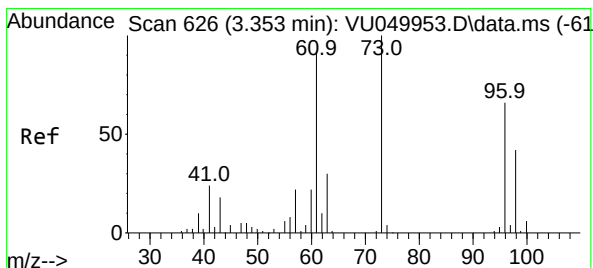
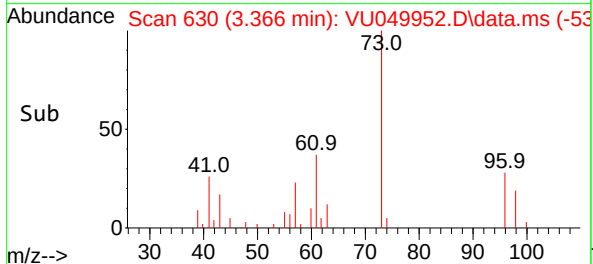
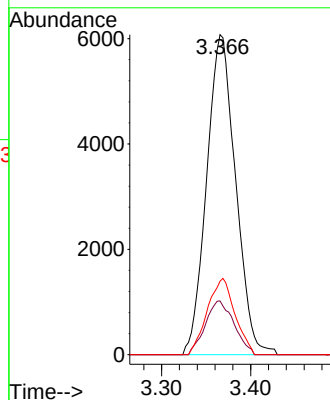
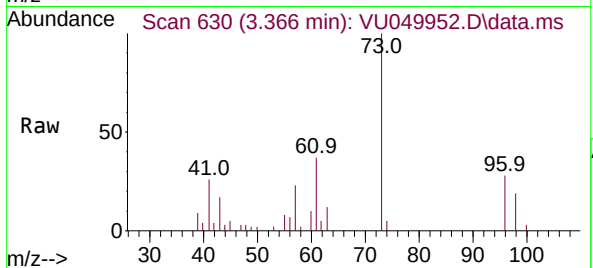
Tgt Ion: 73 Resp: 13727

Ion Ratio Lower Upper

73 100

43 16.6 13.8 20.6

57 22.7 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.942 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

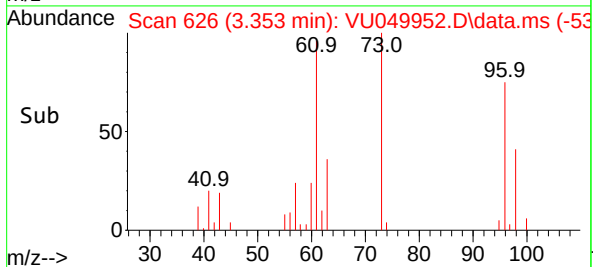
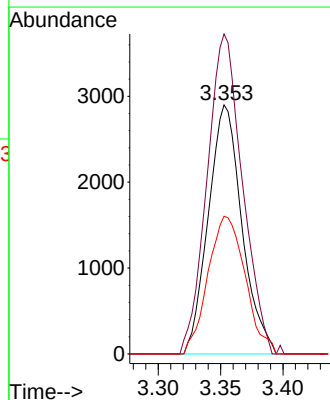
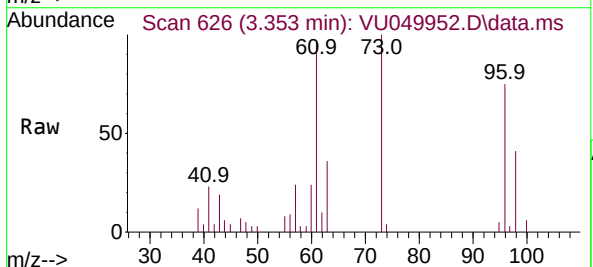
Tgt Ion: 96 Resp: 5442

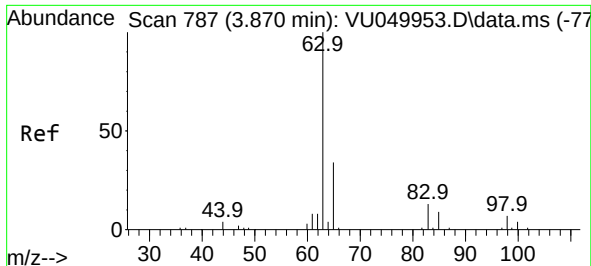
Ion Ratio Lower Upper

96 100

61 128.5 98.0 182.0

98 55.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 1.003 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

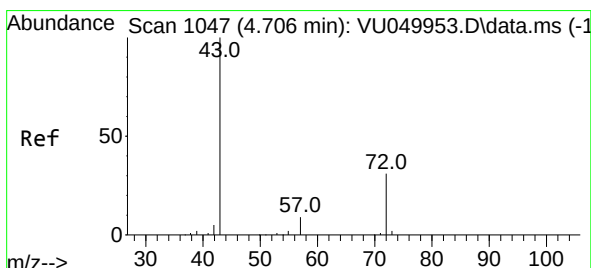
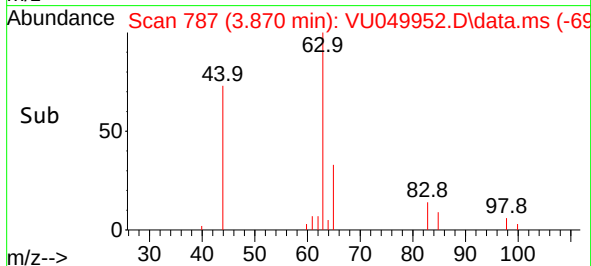
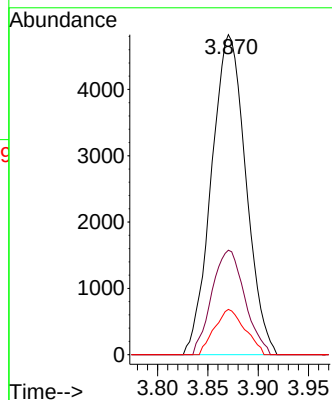
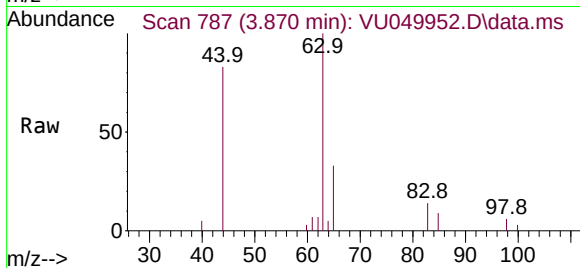
Tgt Ion: 63 Resp: 11487

Ion Ratio Lower Upper

63 100

65 32.6 23.4 43.6

83 14.1 9.4 17.4



#21

2-Butanone

Concen: 8.779 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU049952.D

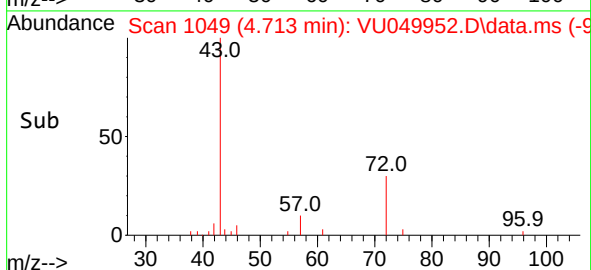
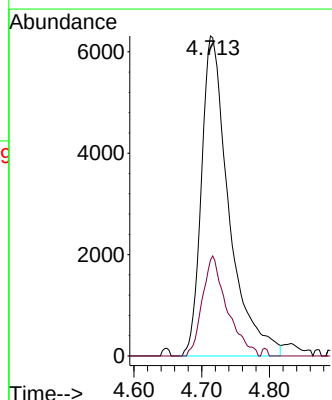
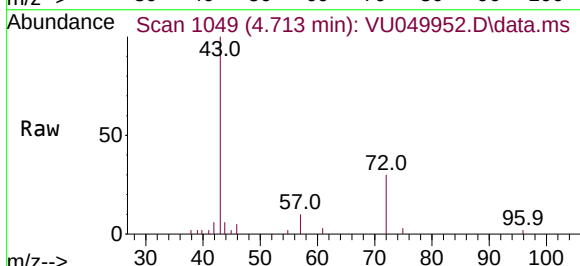
Acq: 27 Jul 2022 16:25

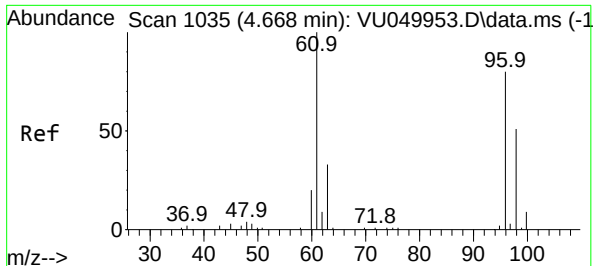
Tgt Ion: 43 Resp: 17773

Ion Ratio Lower Upper

43 100

72 28.1 15.8 47.3

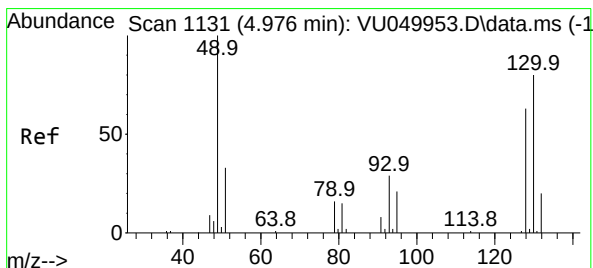
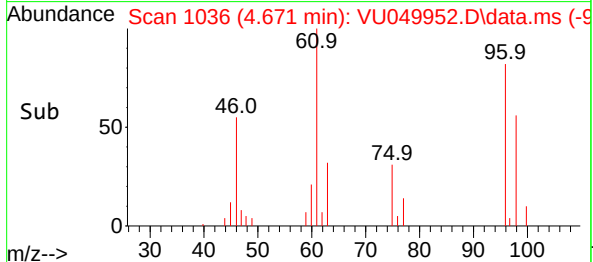
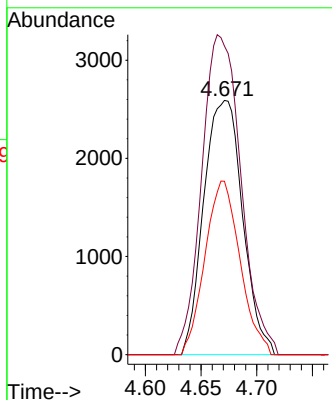
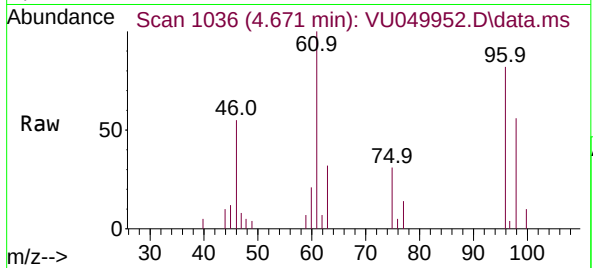




#22
 cis-1,2-Dichloroethene
 Concen: 0.954 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

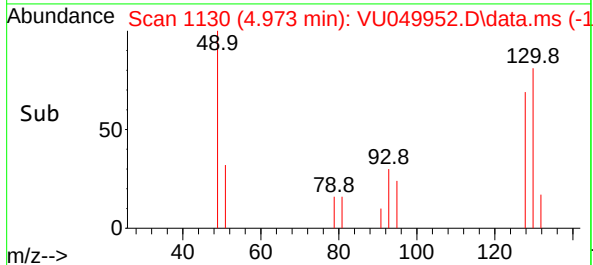
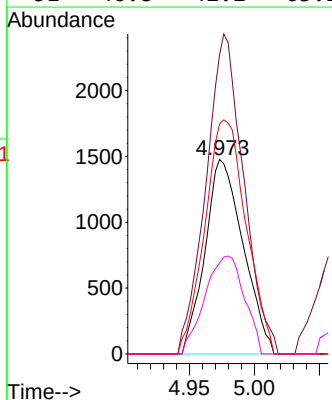
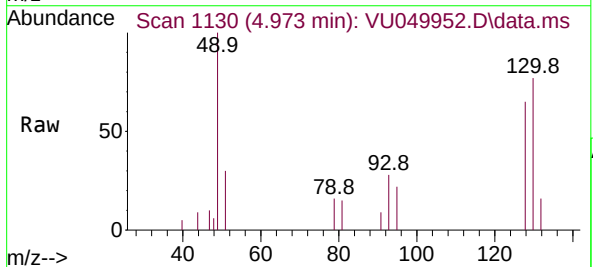
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001045

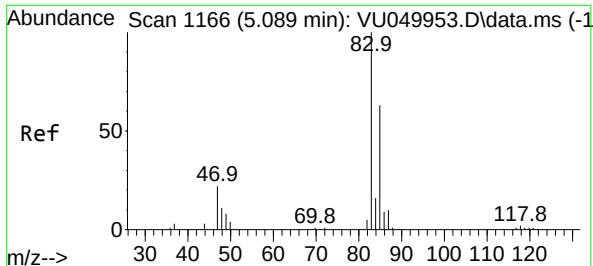
Tgt Ion: 96 Resp: 6288
 Ion Ratio Lower Upper
 96 100
 61 116.1 87.2 161.9
 98 65.2 44.7 83.1



#23
 Bromochloromethane
 Concen: 1.061 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

Tgt Ion:128 Resp: 3022
 Ion Ratio Lower Upper
 128 100
 49 154.0 111.4 207.0
 130 118.3 88.7 164.7
 51 46.8 42.2 63.2





#25

Chloroform

Concen: 1.111 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

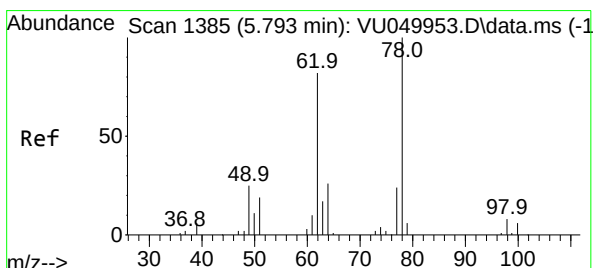
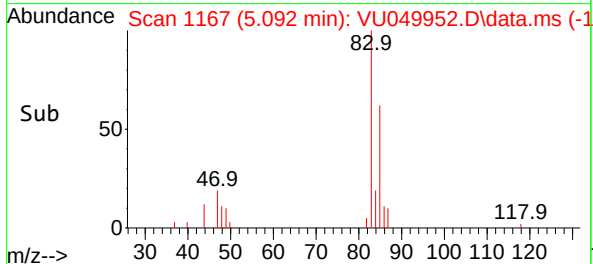
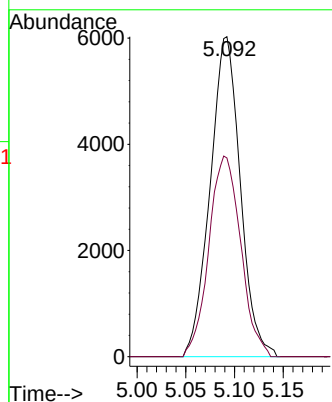
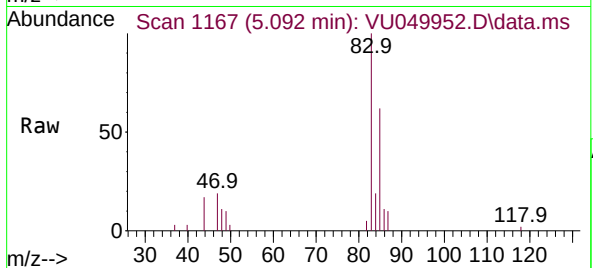
VSTD001045

Tgt Ion: 83 Resp: 12984

Ion Ratio Lower Upper

83 100

85 62.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 0.967 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU049952.D

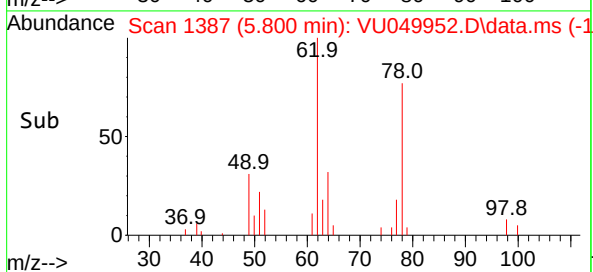
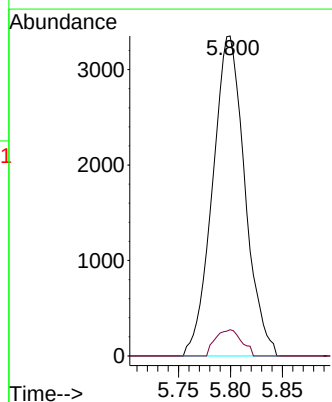
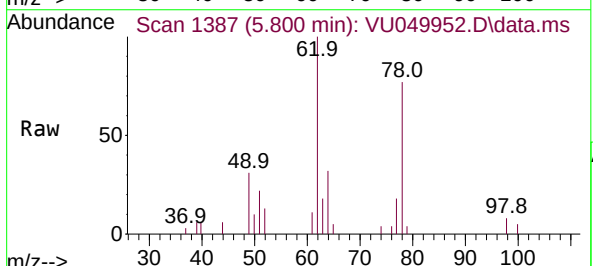
Acq: 27 Jul 2022 16:25

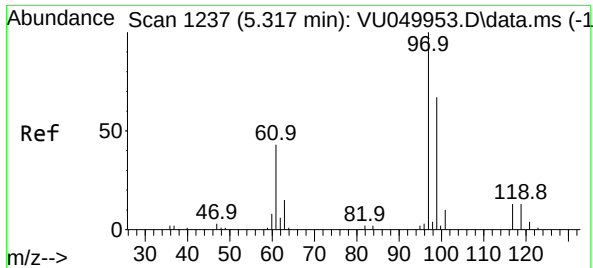
Tgt Ion: 62 Resp: 7237

Ion Ratio Lower Upper

62 100

98 8.2 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 0.862 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

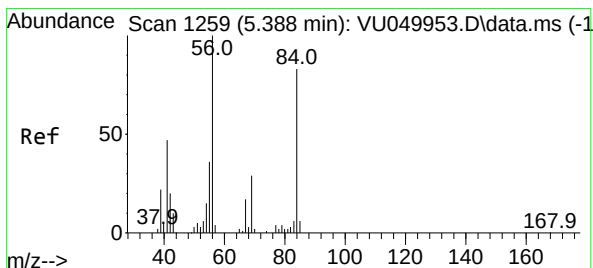
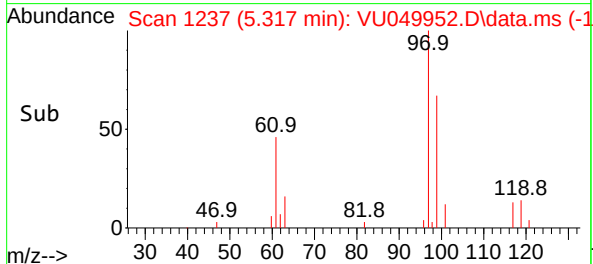
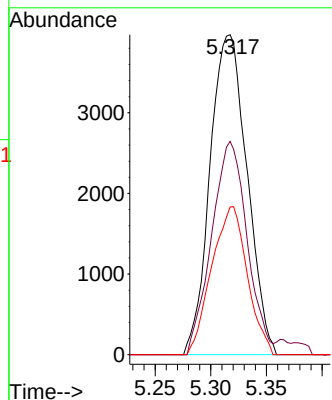
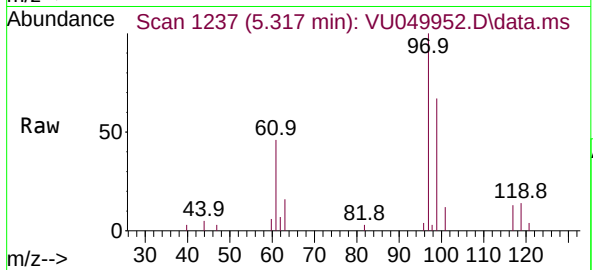
Tgt Ion: 97 Resp: 9189

Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 44.4 35.0 52.6



#30

Cyclohexane

Concen: 0.652 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

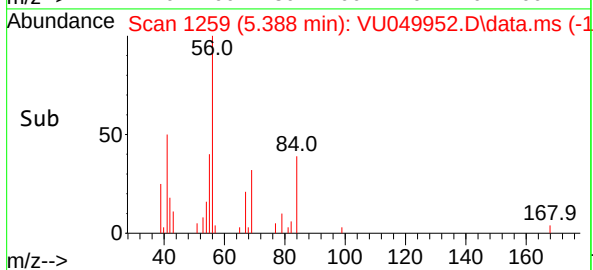
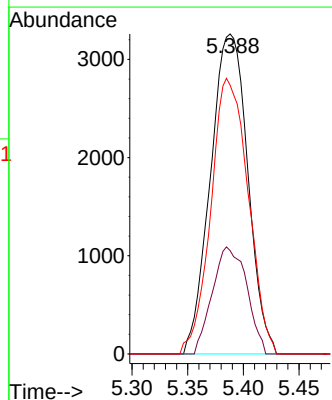
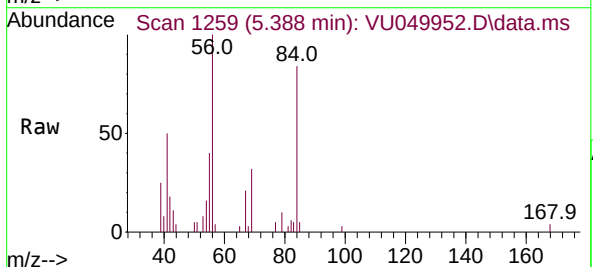
Tgt Ion: 56 Resp: 7593

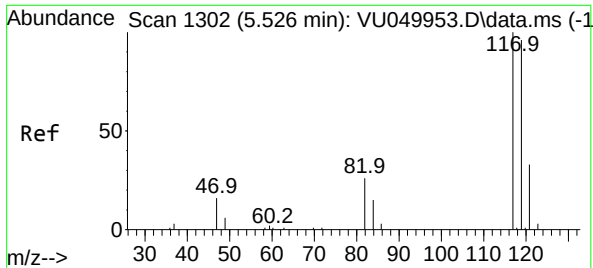
Ion Ratio Lower Upper

56 100

69 30.8 25.1 37.7

84 85.8 70.1 105.1

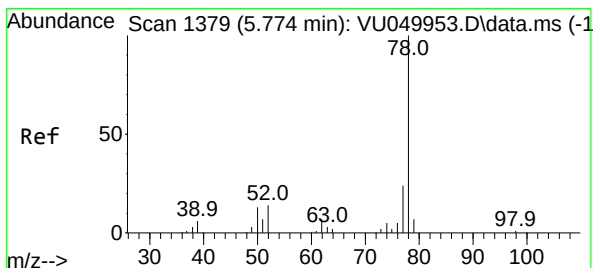
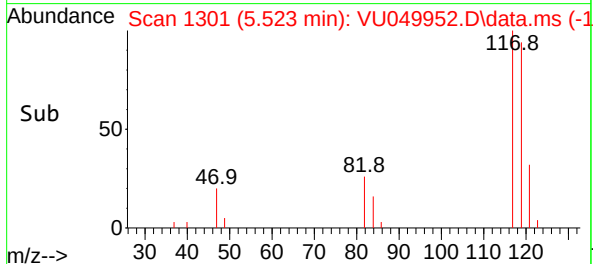
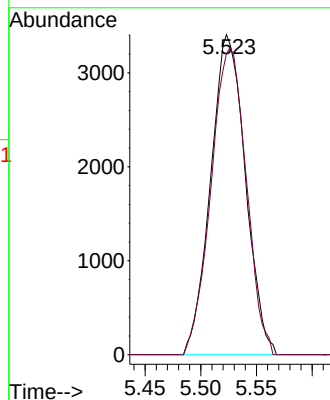
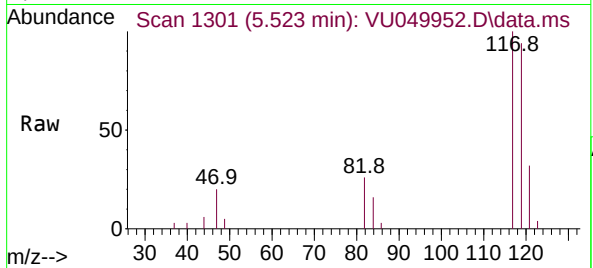




#31
Carbon tetrachloride
Concen: 0.829 ug/L
RT: 5.523 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

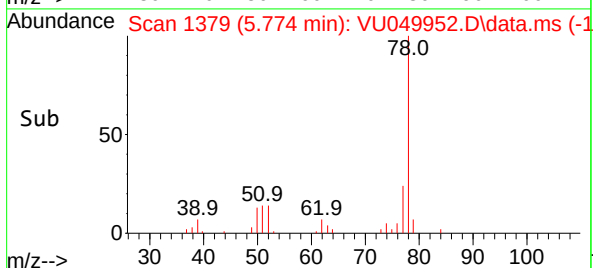
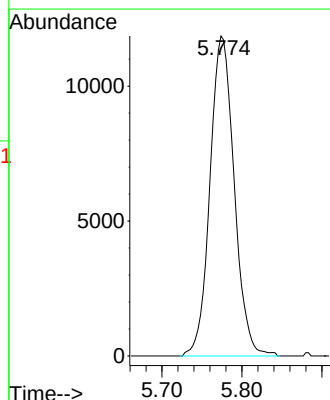
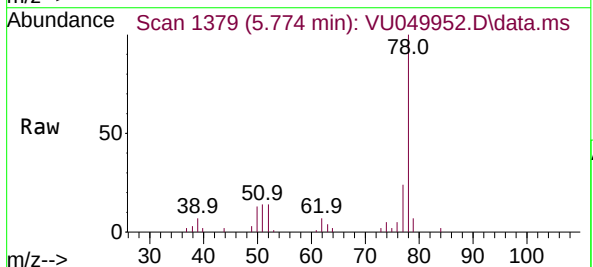
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

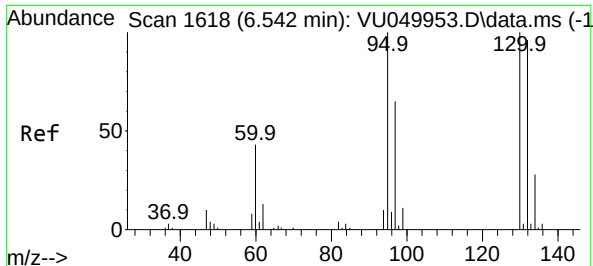
Tgt Ion:117 Resp: 7365
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6



#33
Benzene
Concen: 0.926 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 78 Resp: 24950



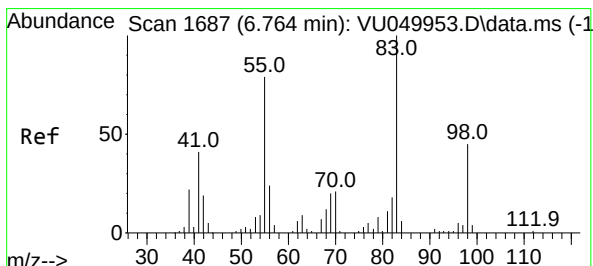
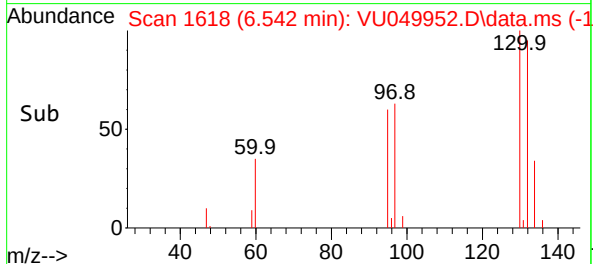
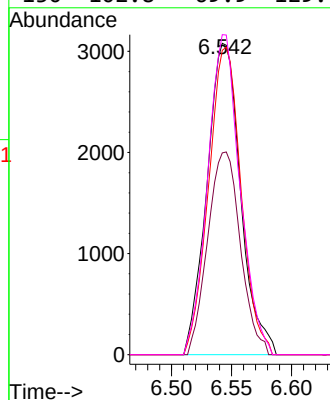
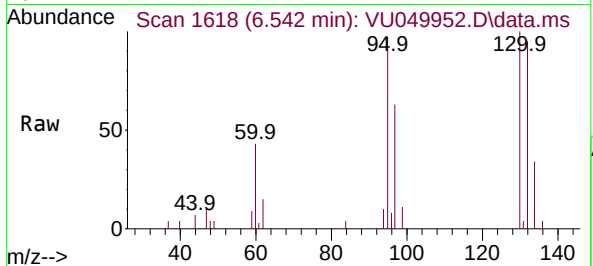


#34
Trichloroethene
Concen: 0.879 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

Tgt Ion: 95 Resp: 5991

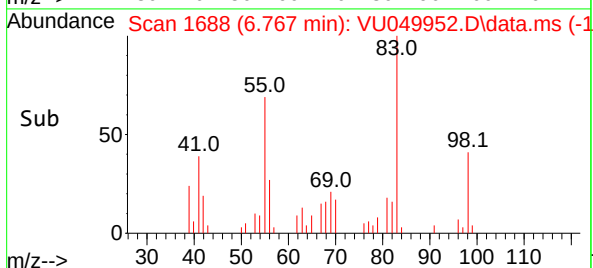
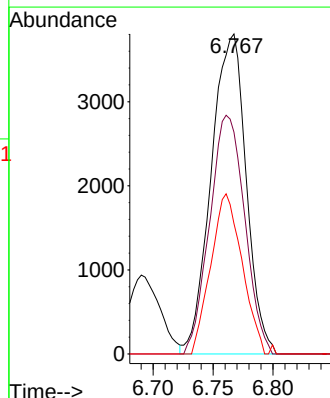
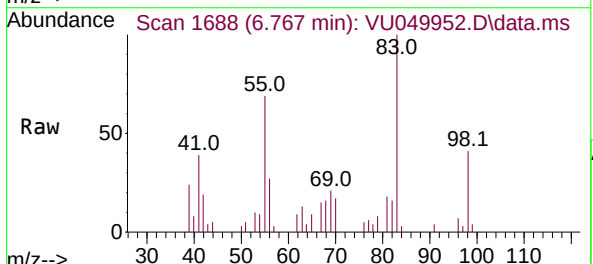
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.6	84.8
132	97.8	66.8	124.2
130	102.8	69.9	129.7

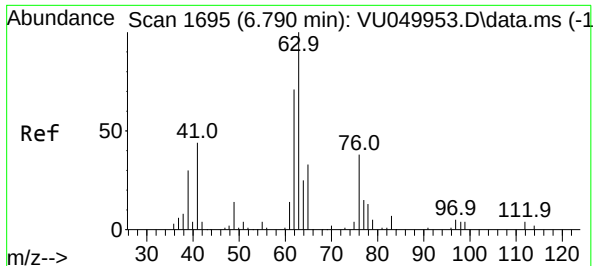


#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 83 Resp: 7722

Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.6	92.4
98	44.8	34.8	52.2





#37

1,2-Dichloropropane

Concen: 0.931 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

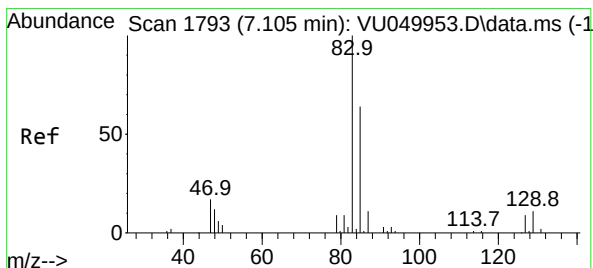
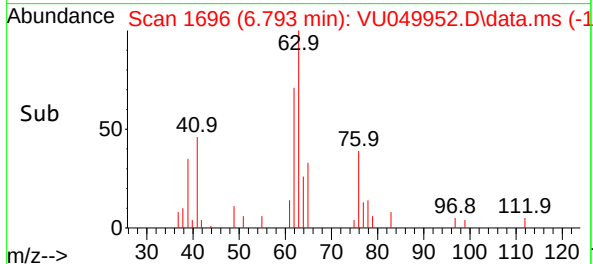
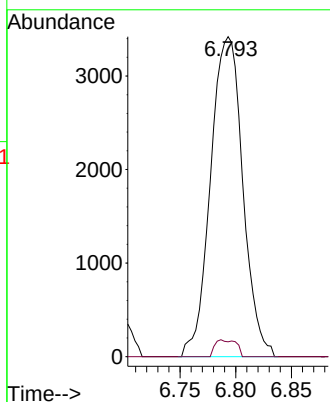
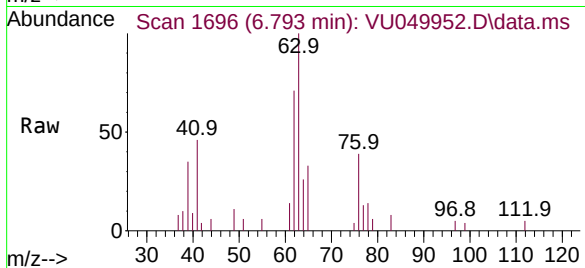
VSTD001045

Tgt Ion: 63 Resp: 6896

Ion Ratio Lower Upper

63 100

112 3.4 3.0 4.6



#38

Bromodichloromethane

Concen: 0.942 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

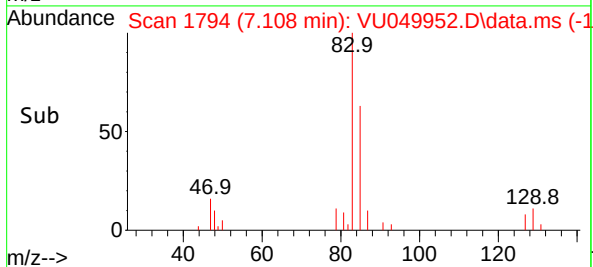
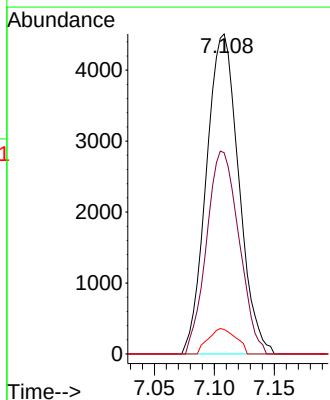
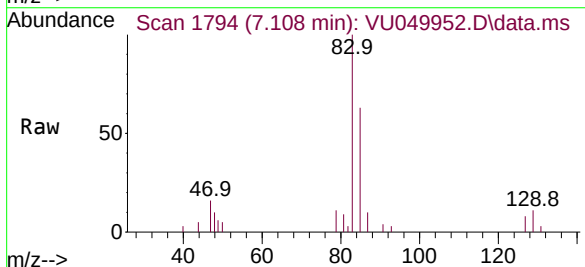
Tgt Ion: 83 Resp: 8475

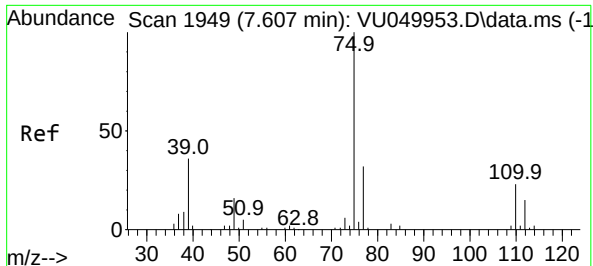
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

127 7.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

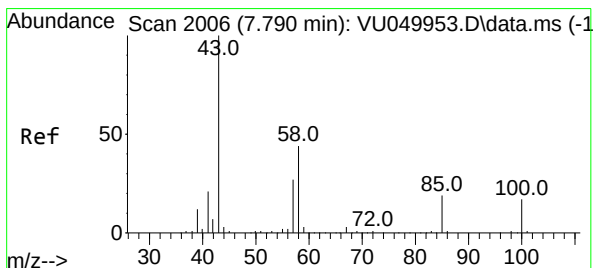
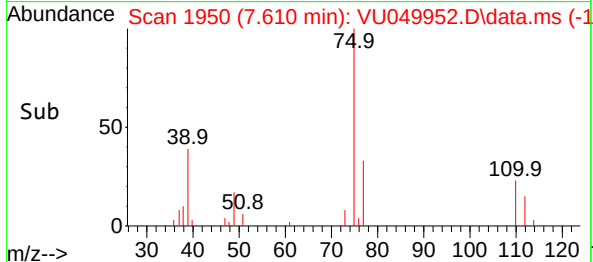
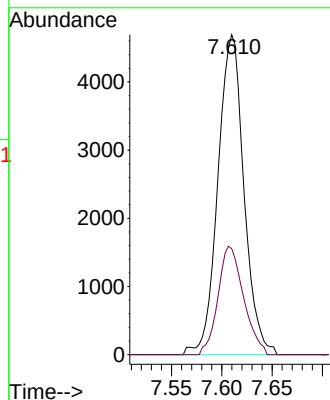
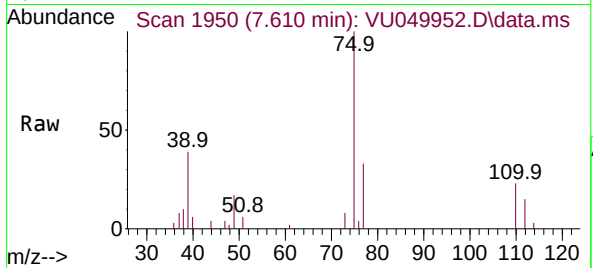
VSTD001045

Tgt Ion: 75 Resp: 8447

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 7.227 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

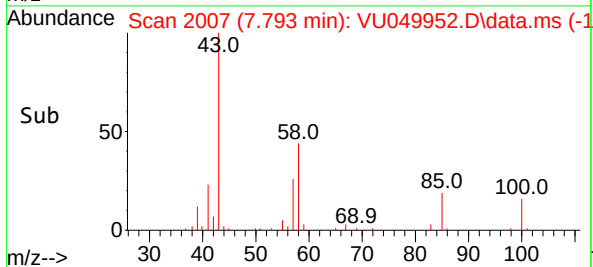
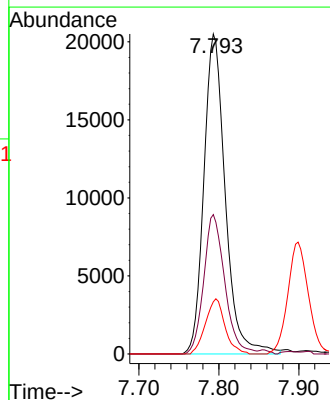
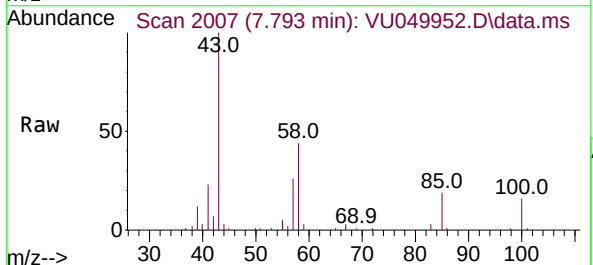
Tgt Ion: 43 Resp: 38214

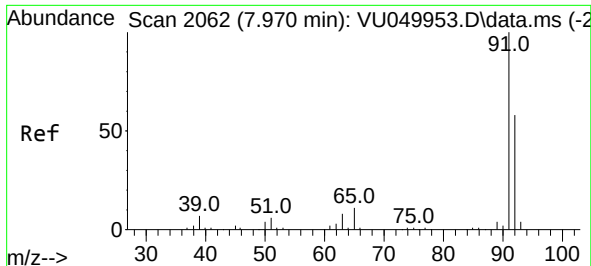
Ion Ratio Lower Upper

43 100

58 42.7 35.5 53.3

100 15.7 13.2 19.8

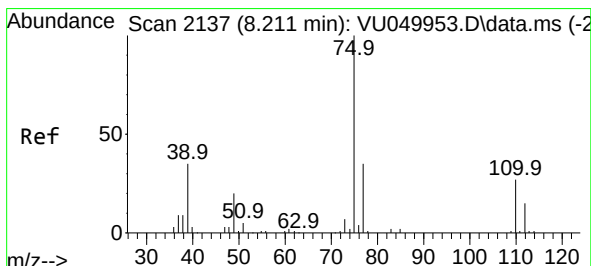
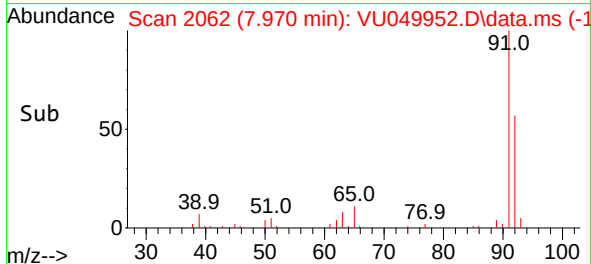
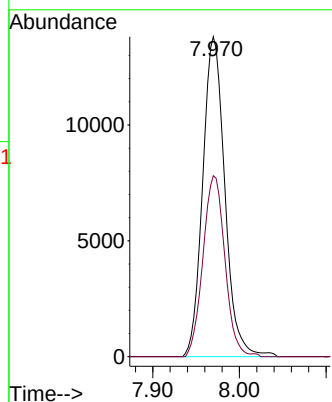
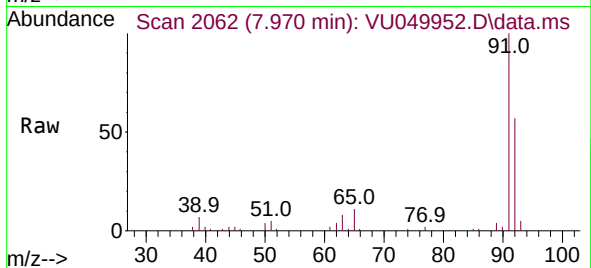




#42
Toluene
Concen: 0.861 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

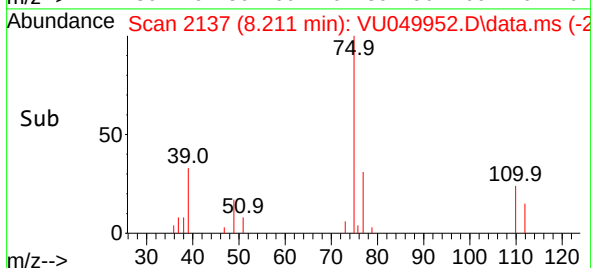
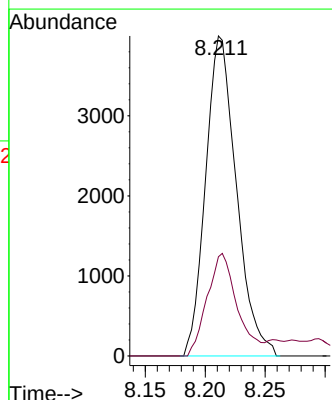
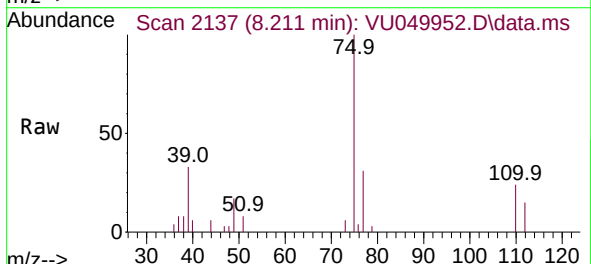
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

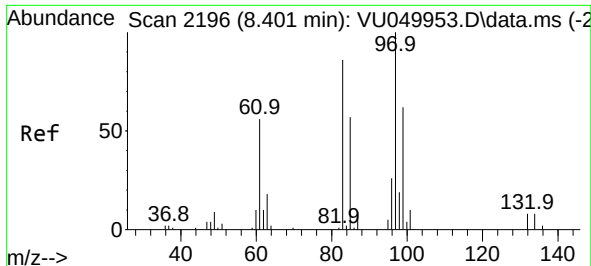
Tgt Ion: 91 Resp: 24523
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 0.756 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 75 Resp: 7127
Ion Ratio Lower Upper
75 100
77 31.0 24.1 44.8

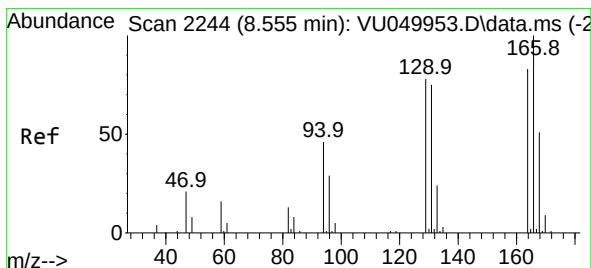
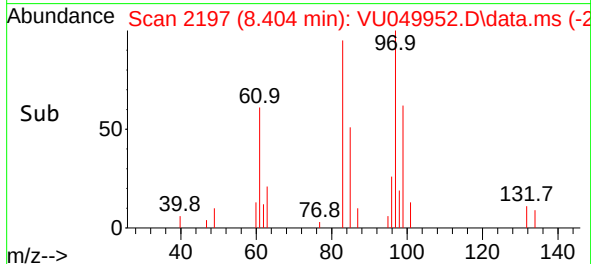
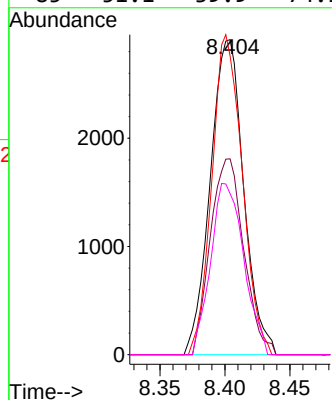
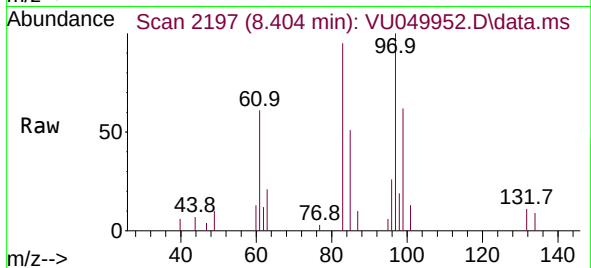




#45
1,1,2-Trichloroethane
Concen: 0.986 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

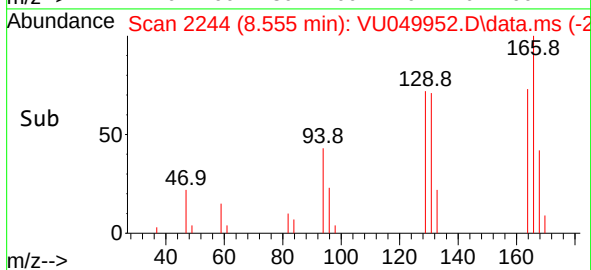
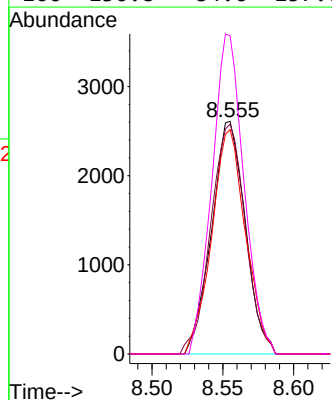
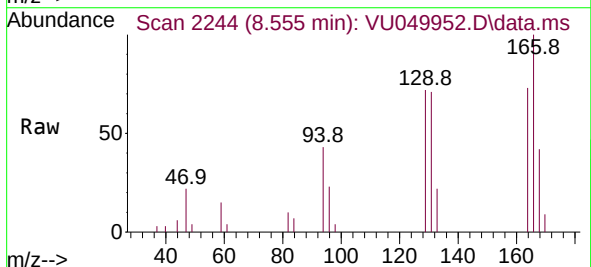
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

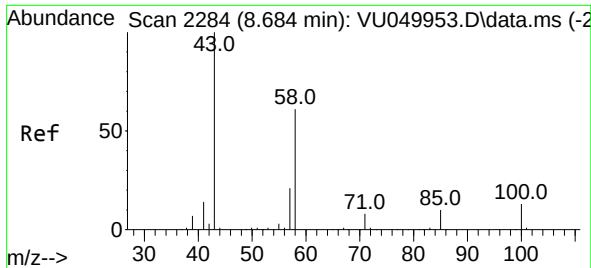
Tgt Ion:	97	Resp:	5201
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.9
83	94.8	59.9	111.3
85	51.1	39.9	74.1



#47
Tetrachloroethene
Concen: 0.915 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:	164	Resp:	4324
Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.3	123.1
131	96.5	63.1	117.1
166	136.8	84.6	157.0

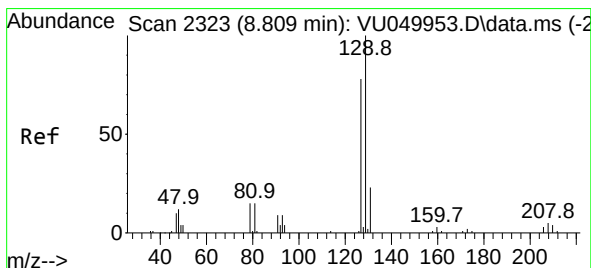
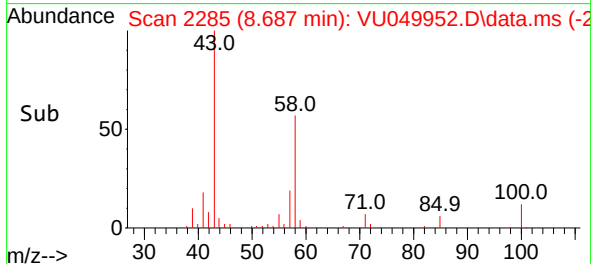
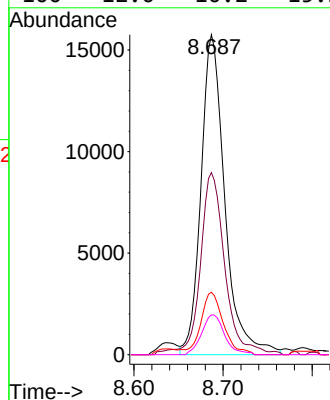
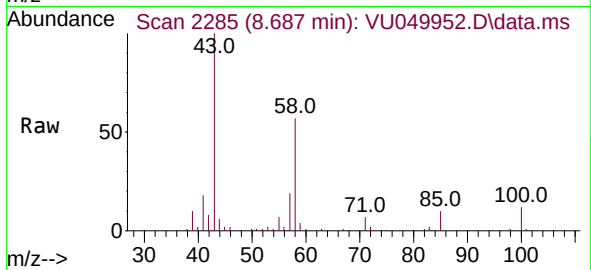




#48
2-Hexanone
Concen: 7.670 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

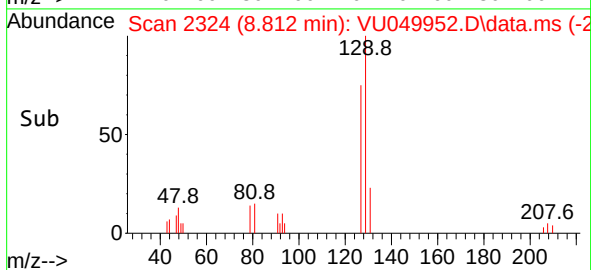
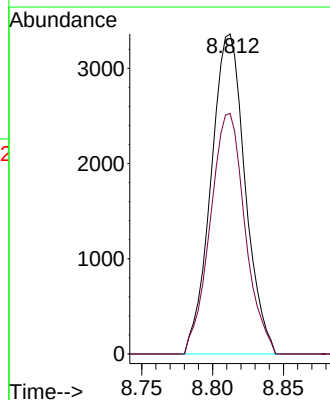
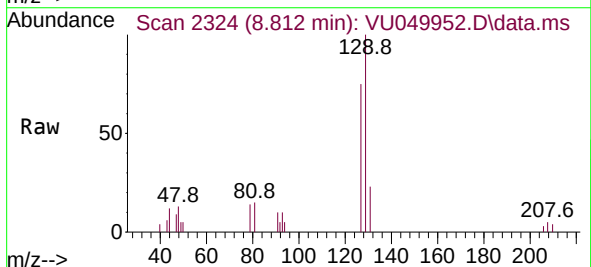
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

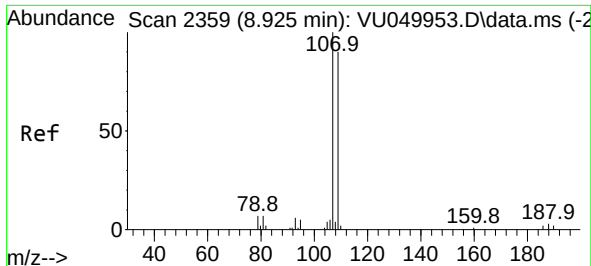
Tgt Ion: 43	Resp:	29257	
Ion	Ratio	Lower	Upper
43	100		
58	58.2	49.4	74.0
57	18.3	17.0	25.4
100	12.0	10.2	15.2



#49
Dibromochloromethane
Concen: 0.950 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:129	Resp:	5632	
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 0.973 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

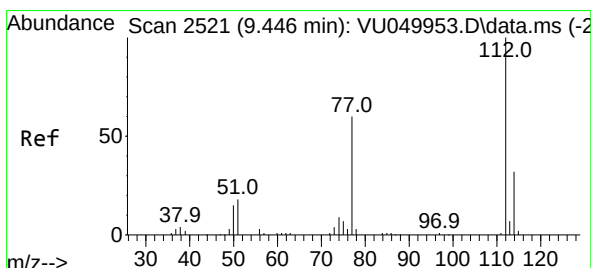
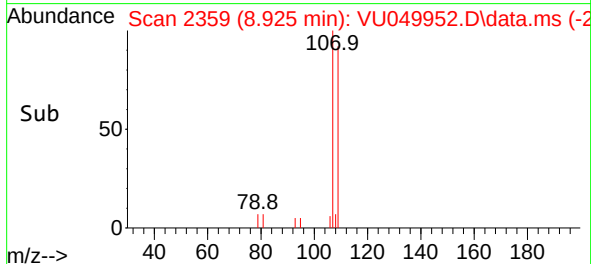
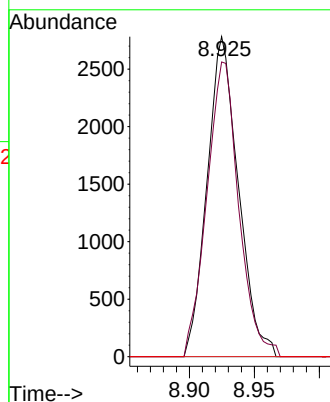
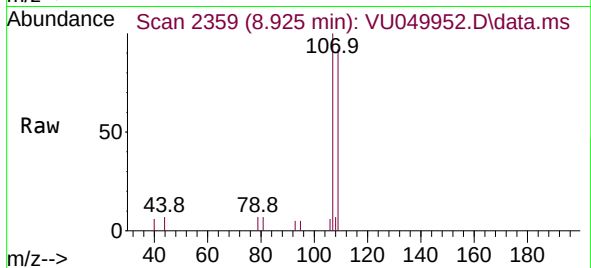
Tgt Ion:107 Resp: 4660

Ion Ratio Lower Upper

107 100

109 92.1 62.7 116.5

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 0.901 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

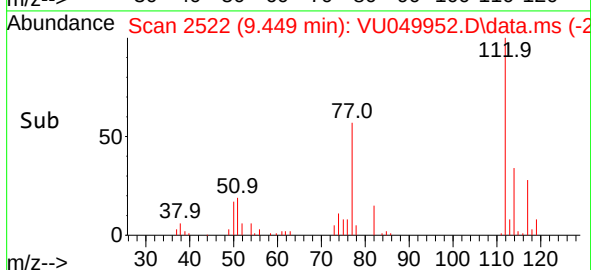
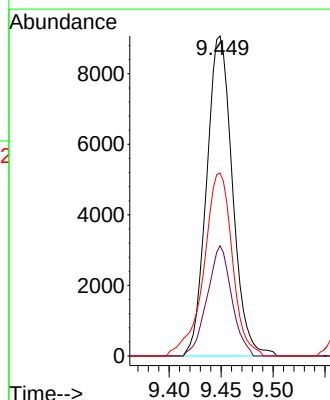
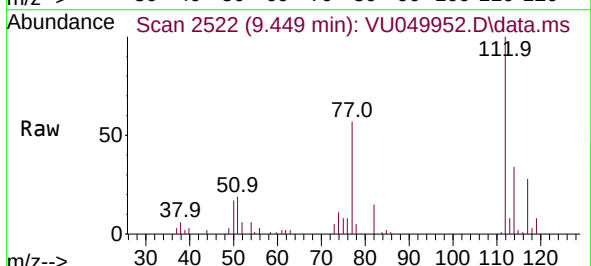
Tgt Ion:112 Resp: 15686

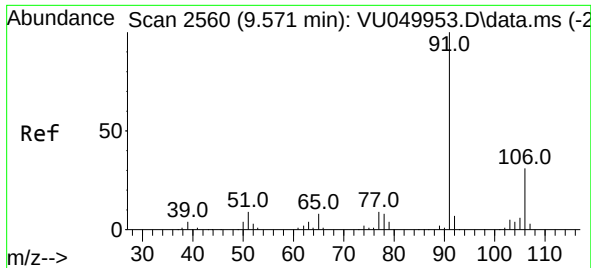
Ion Ratio Lower Upper

112 100

114 34.5 22.4 41.6

77 57.2 48.2 72.4

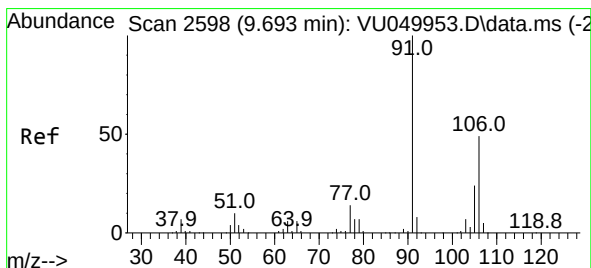
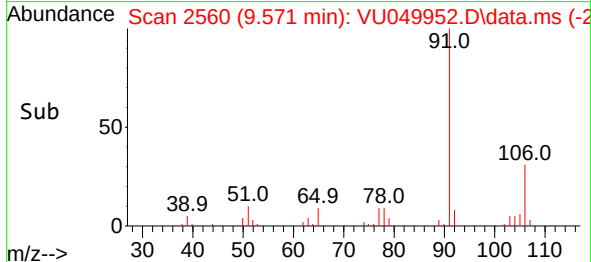
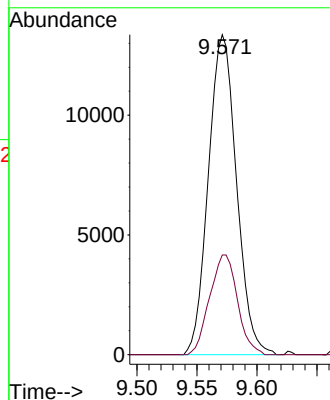
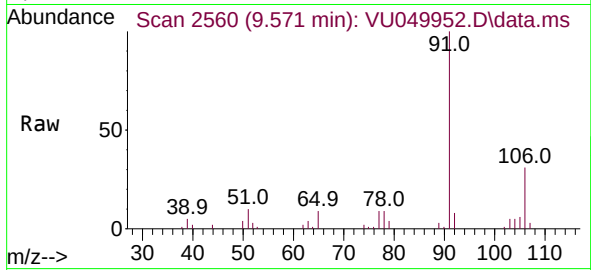




#52
Ethylbenzene
Concen: 0.716 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

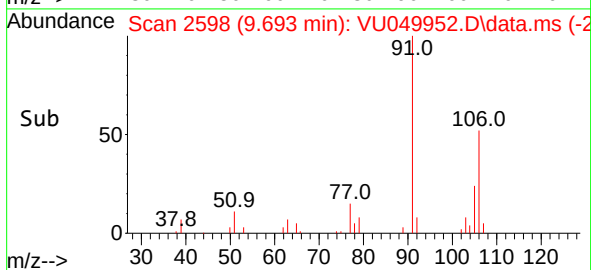
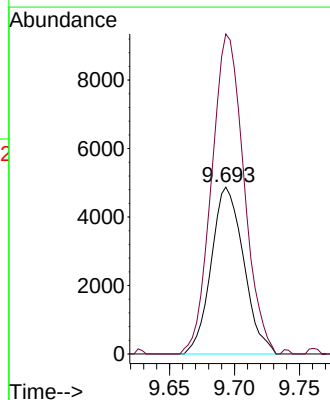
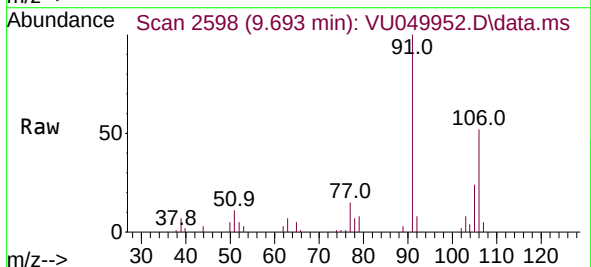
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

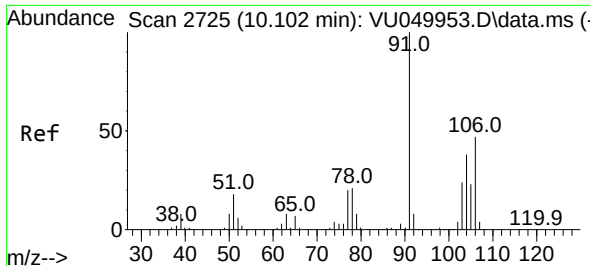
Tgt Ion: 91 Resp: 21783
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 0.747 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 106 Resp: 8461
Ion Ratio Lower Upper
106 100
91 191.8 142.4 264.4

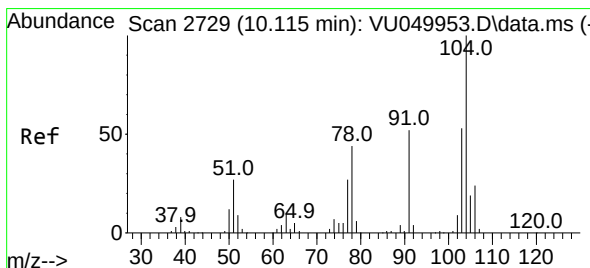
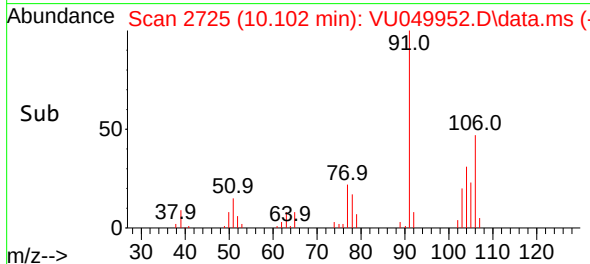
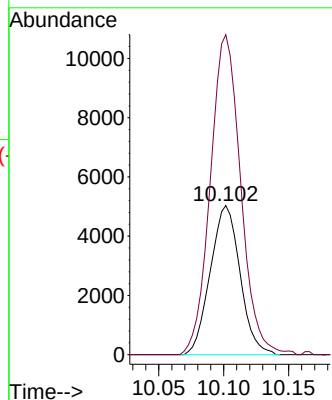
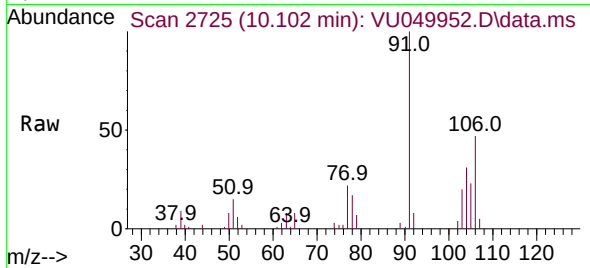




#54
o-Xylene
Concen: 0.714 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

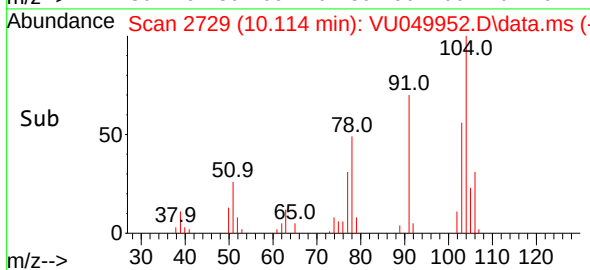
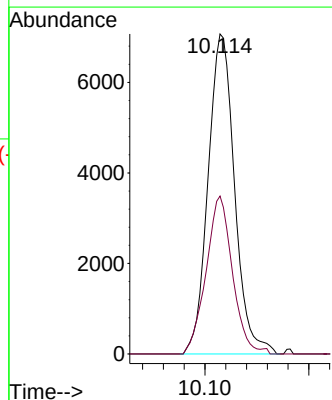
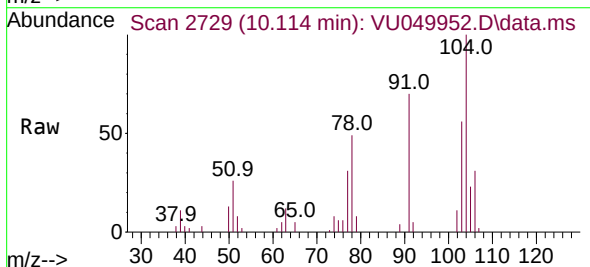
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

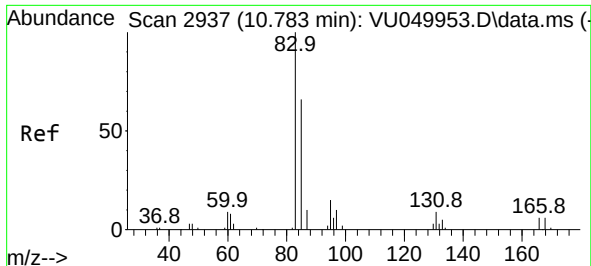
Tgt Ion:106 Resp: 8022
Ion Ratio Lower Upper
106 100
91 214.5 148.7 276.1



#55
Styrene
Concen: 0.662 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:104 Resp: 12507
Ion Ratio Lower Upper
104 100
78 49.4 30.9 57.3

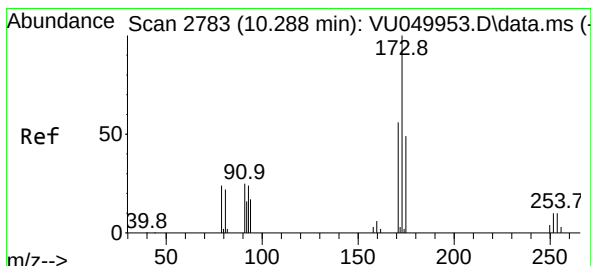
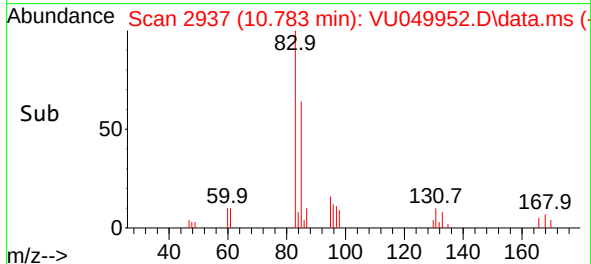
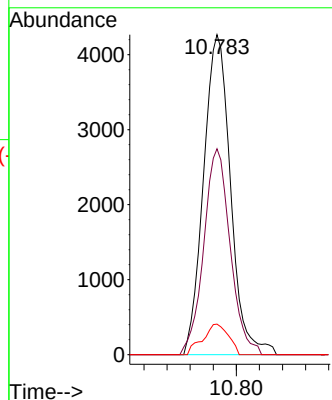
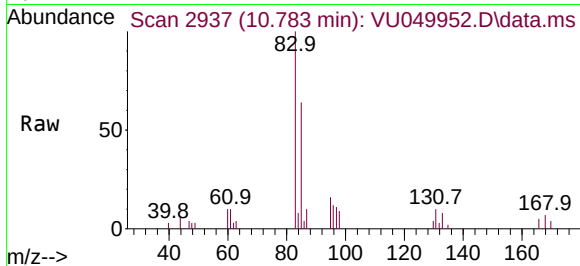




#57
1,1,2,2-Tetrachloroethane
Concen: 0.998 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

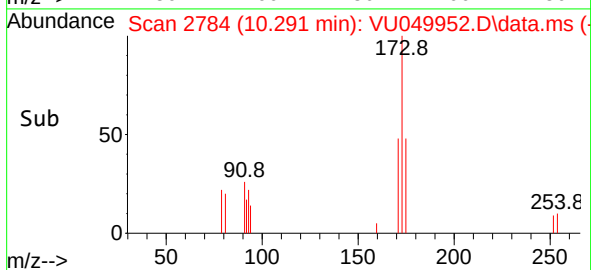
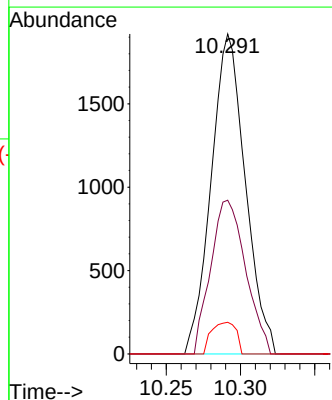
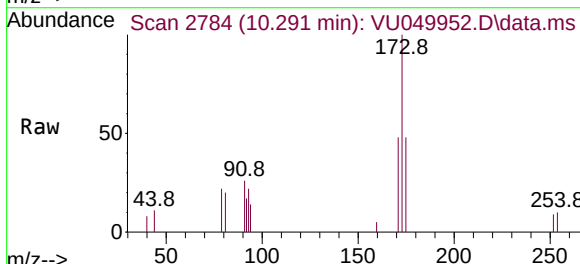
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

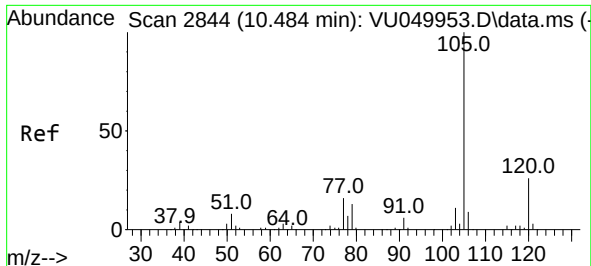
Tgt Ion:	83	Resp:	6929
Ion	Ratio	Lower	Upper
83	100		
85	64.3	46.6	86.6
131	9.5	7.9	11.9



#59
Bromoform
Concen: 1.053 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:	173	Resp:	3065
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.1	58.7
254	7.1	7.5	11.3

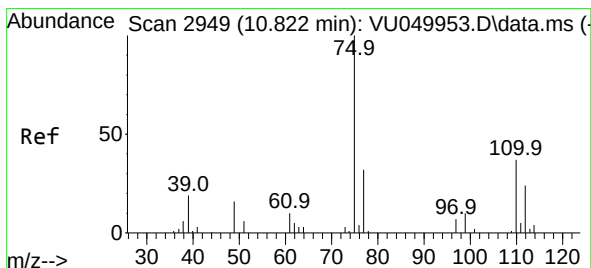
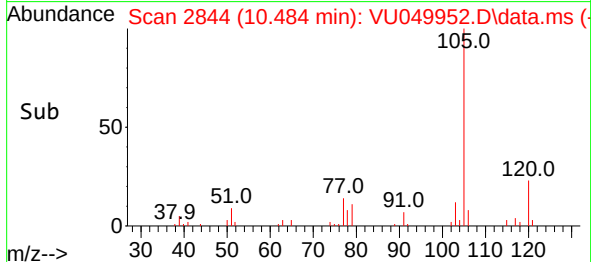
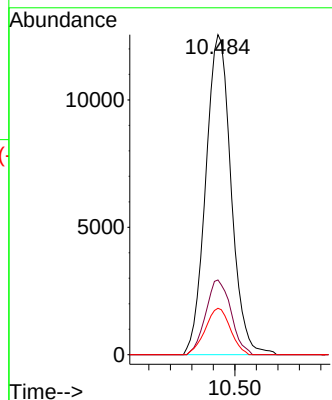
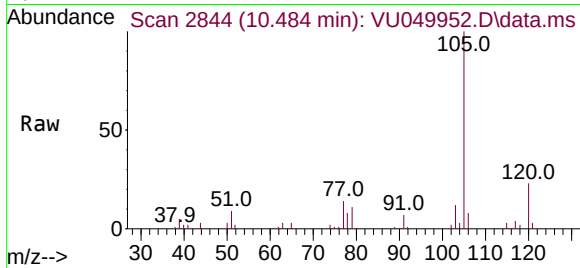




#60
Isopropylbenzene
Concen: 0.805 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

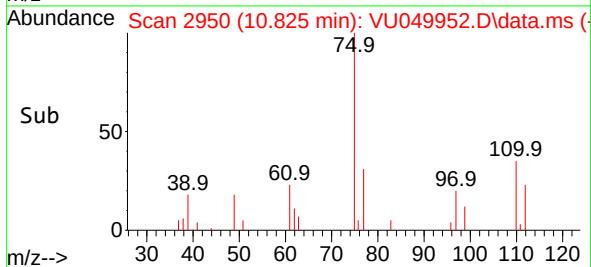
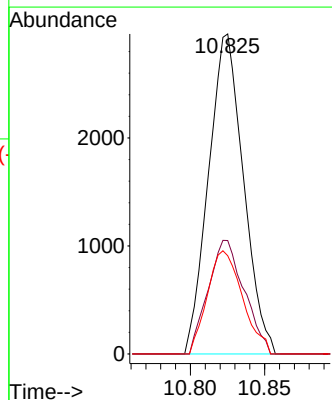
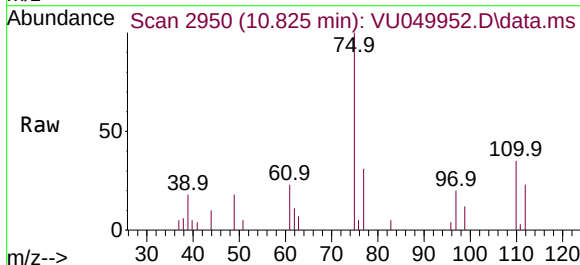
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

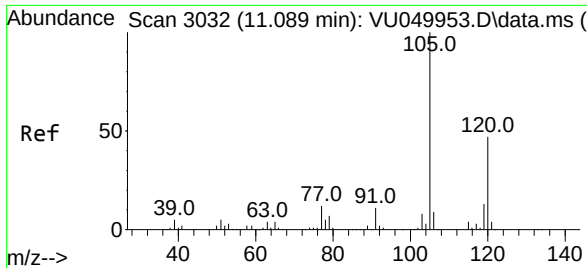
Tgt Ion:105 Resp: 20552
Ion Ratio Lower Upper
105 100
120 23.3 20.5 30.7
77 14.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 1.111 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion: 75 Resp: 4840
Ion Ratio Lower Upper
75 100
110 36.6 28.1 42.1
77 32.6 24.7 37.1

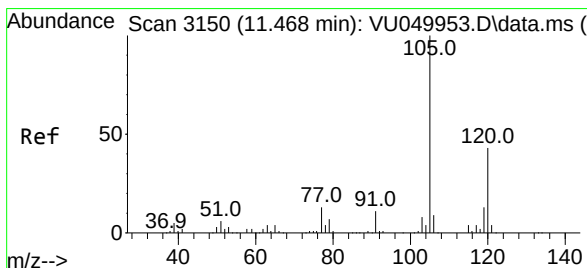
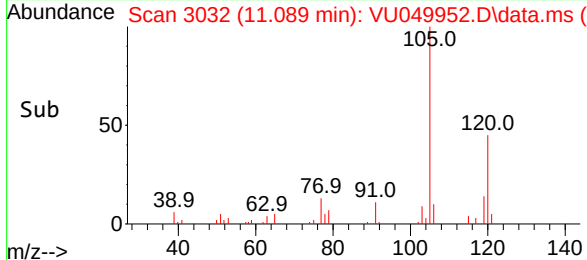
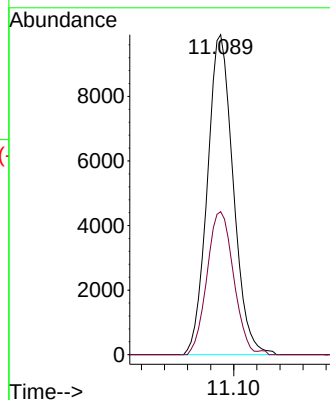
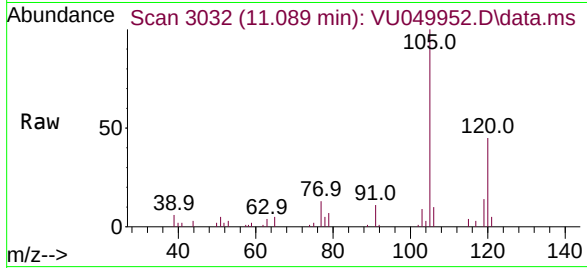




#62
 1,3,5-Trimethylbenzene
 Concen: 0.695 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

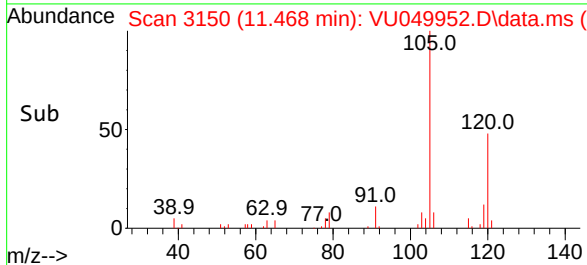
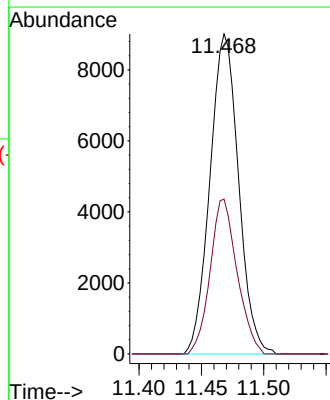
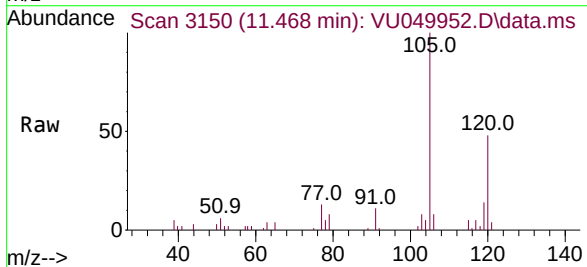
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001045

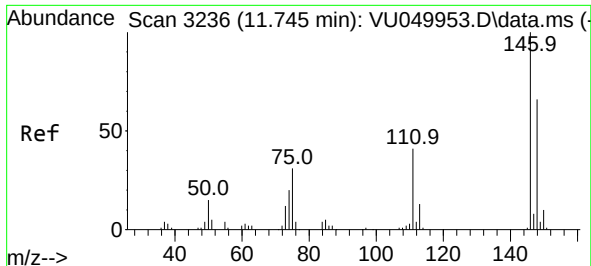
Tgt Ion:105 Resp: 15413
 Ion Ratio Lower Upper
 105 100
 120 46.0 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.658 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049952.D
 Acq: 27 Jul 2022 16:25

Tgt Ion:105 Resp: 14390
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.4 53.2

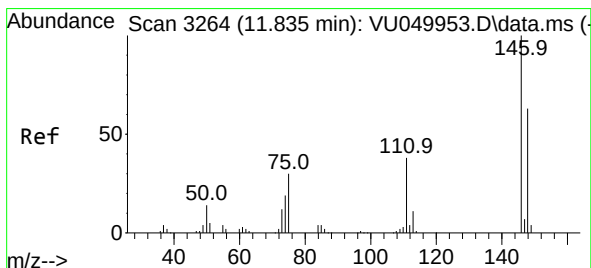
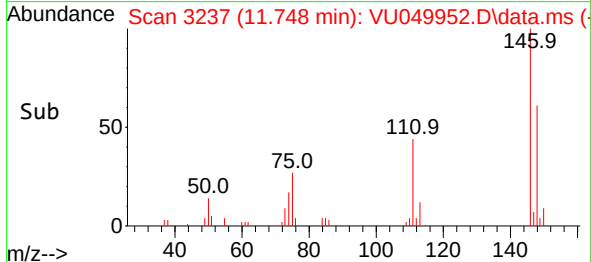
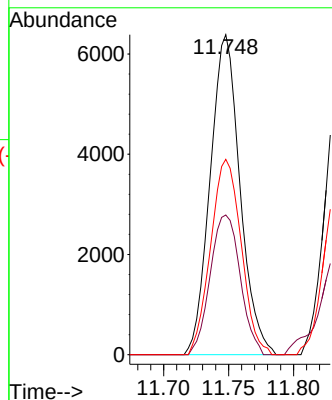
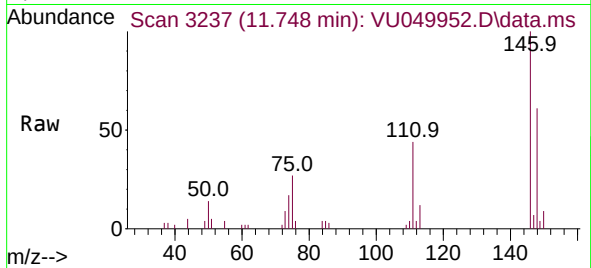




#64
1,3-Dichlorobenzene
Concen: 0.910 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

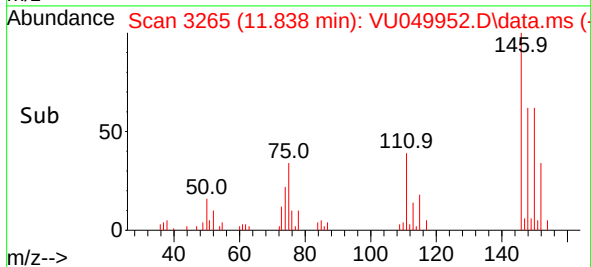
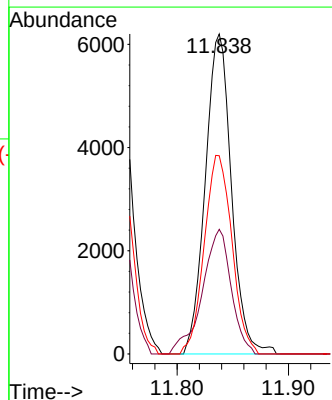
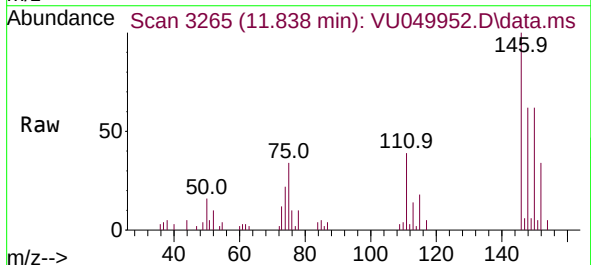
Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

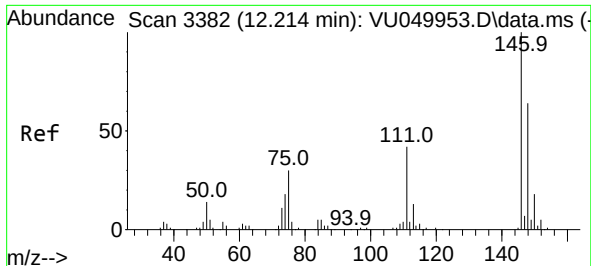
Tgt Ion:146 Resp: 10189
Ion Ratio Lower Upper
146 100
111 43.6 28.9 53.7
148 61.0 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 0.916 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:146 Resp: 10129
Ion Ratio Lower Upper
146 100
111 39.0 26.4 49.0
148 61.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.964 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

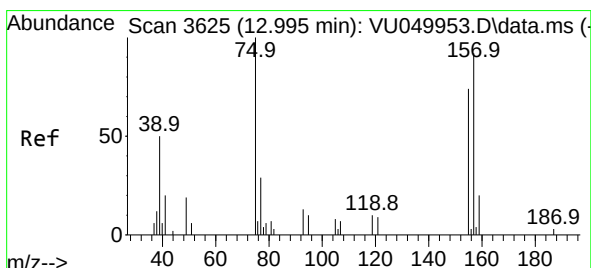
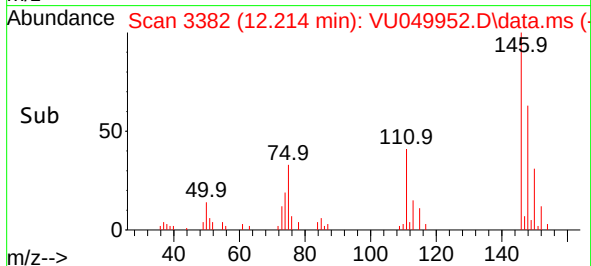
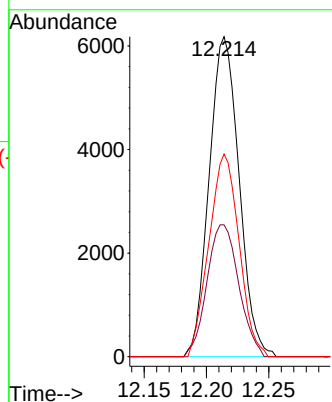
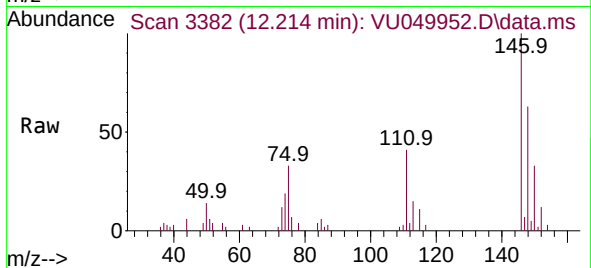
Tgt Ion:146 Resp: 10333

Ion Ratio Lower Upper

146 100

111 41.2 33.4 50.2

148 63.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.689 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

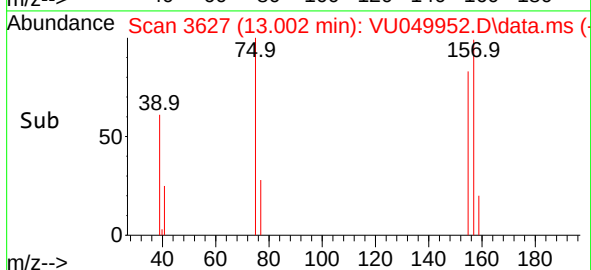
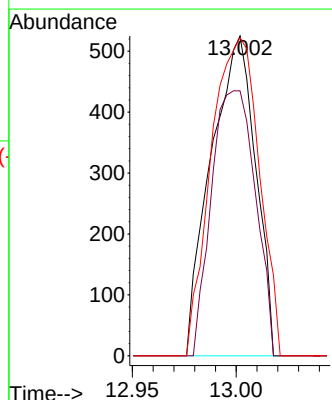
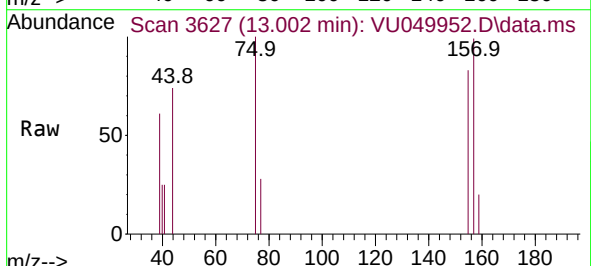
Tgt Ion: 75 Resp: 783

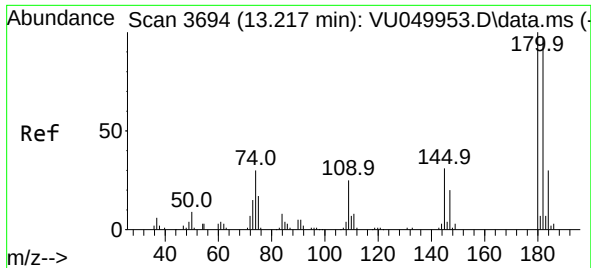
Ion Ratio Lower Upper

75 100

155 82.9 59.4 89.0

157 99.4 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 0.878 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD001045

Tgt Ion:180 Resp: 7237

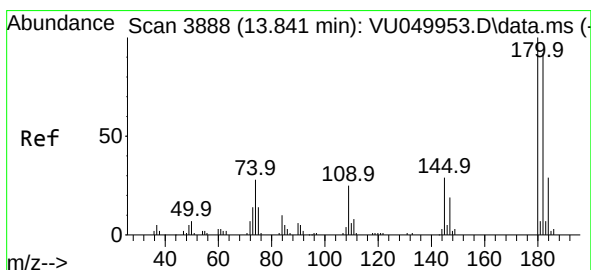
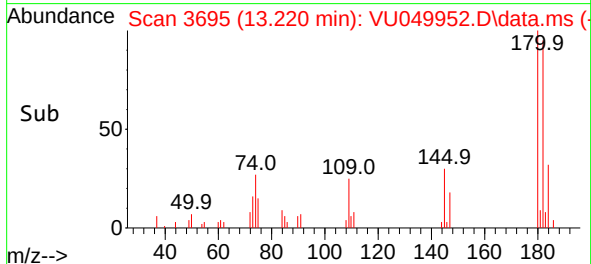
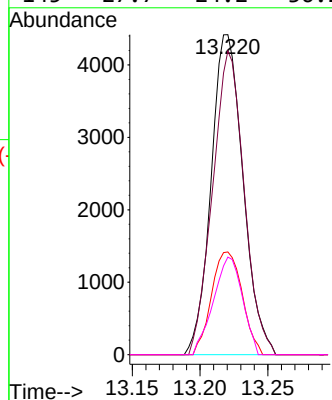
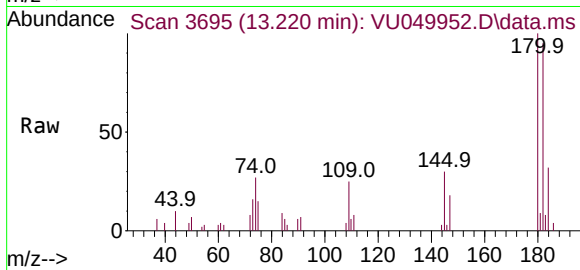
Ion Ratio Lower Upper

180 100

182 93.3 77.2 115.8

184 30.8 23.9 35.9

145 27.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.782 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU049952.D

Acq: 27 Jul 2022 16:25

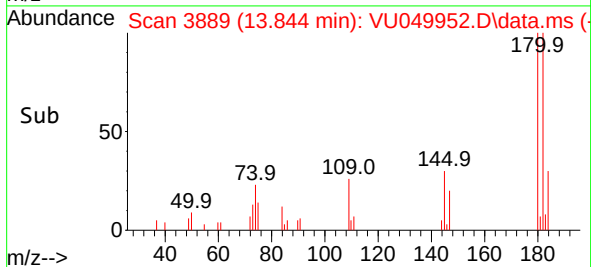
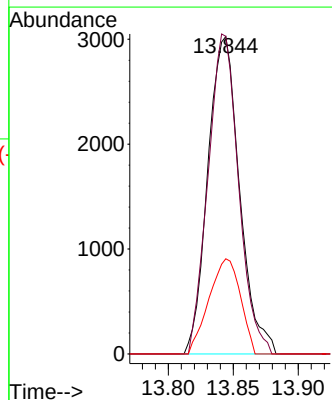
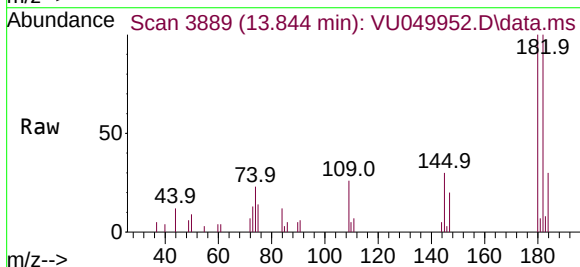
Tgt Ion:180 Resp: 5131

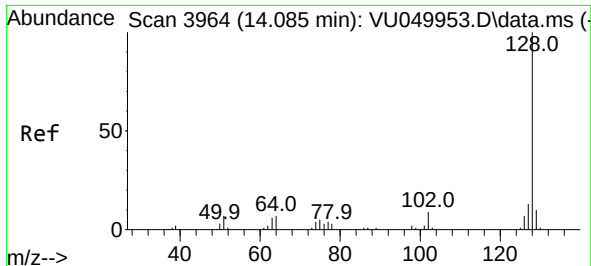
Ion Ratio Lower Upper

180 100

182 96.8 75.8 113.6

145 29.7 23.8 35.8

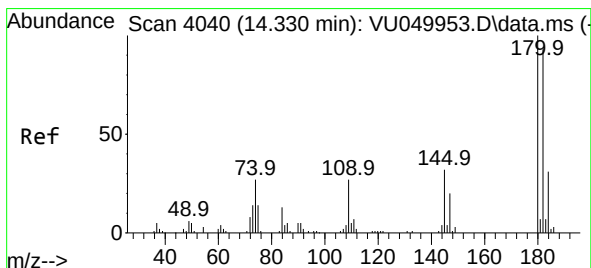
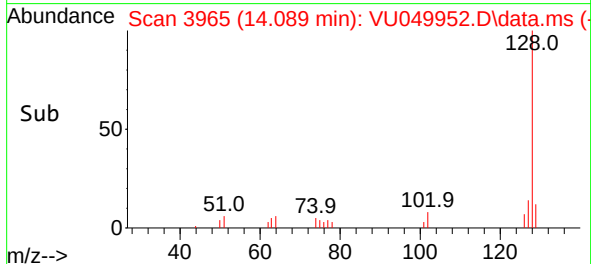
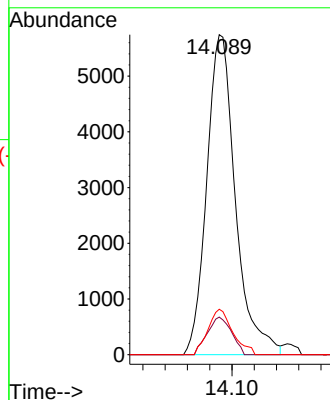
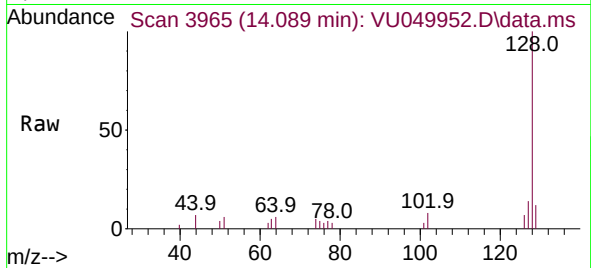




#71
Naphthalene
Concen: 0.793 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD001045

Tgt Ion:	128	Resp:	10267
Ion Ratio	Lower	Upper	
128	100		
129	9.9	8.5	12.7
127	12.3	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.830 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049952.D
Acq: 27 Jul 2022 16:25

Tgt Ion:	180	Resp:	5174
Ion Ratio	Lower	Upper	
180	100		
182	100.3	77.0	115.4
145	33.7	26.3	39.5

