

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045430.D
 Acq On : 28 Oct 2021 10:30
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005025

Quant Time: Oct 29 02:50:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	315474	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	294221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	140784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	12260	7.540	ug/L	0.00
7) Chloroethane-d5	1.916	69	10425	7.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	21440	6.834	ug/L	0.00
21) 2-Butanone-d5	4.636	46	20228	9.765	ug/L	0.00
24) Chloroform-d	5.070	84	21532	5.567	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14972	5.714	ug/L	0.00
32) Benzene-d6	5.732	84	42870	6.836	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	13722	5.902	ug/L	0.00
41) Toluene-d8	7.903	98	36706	6.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5939	5.122	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	13258	9.468	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	20080	4.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	13679	5.373	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13872	5.719	ug/L	98
3) Chloromethane	1.520	50	17100	6.186	ug/L	100
5) Vinyl chloride	1.607	62	15725	5.296	ug/L	98
6) Bromomethane	1.861	94	7951	5.082	ug/L	100
8) Chloroethane	1.938	64	10113	5.580	ug/L	99
9) Trichlorofluoromethane	2.144	101	18868	5.248	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	11371	5.042	ug/L	99
12) 1,1-Dichloroethene	2.585	96	10343	4.938	ug/L	96
13) Acetone	2.646	43	21206	9.365	ug/L	97
14) Carbon disulfide	2.800	76	29897	5.153	ug/L	100
15) Methyl Acetate	2.957	43	14800	4.944	ug/L	100
16) Methylene chloride	3.051	84	13688	5.111	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	11370	5.056	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	38652	4.944	ug/L	98
19) 1,1-Dichloroethane	3.877	63	22497	4.917	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	12815	4.991	ug/L	99
22) 2-Butanone	4.716	43	24774	9.576	ug/L	97
23) Bromochloromethane	4.983	128	6475	5.155	ug/L	91
25) Chloroform	5.096	83	22975	4.966	ug/L	97
27) 1,2-Dichloroethane	5.800	62	18667	5.014	ug/L	100
29) Cyclohexane	5.391	56	20225	5.517	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	18355	5.143	ug/L	99
31) Carbon tetrachloride	5.530	117	14508	5.258	ug/L	100
33) Benzene	5.777	78	50869	5.378	ug/L	100
34) Trichloroethene	6.549	95	11966	5.160	ug/L	97
35) Methylcyclohexane	6.771	83	20638	5.540	ug/L	99
37) 1,2-Dichloropropane	6.797	63	13730	5.368	ug/L	100
38) Bromodichloromethane	7.112	83	16500	5.001	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	18939	4.923	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	37679	9.708	ug/L	98
42) Toluene	7.973	91	51732	5.240	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	17774	4.849	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045430.D
 Acq On : 28 Oct 2021 10:30
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005025

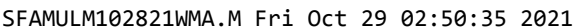
Quant Time: Oct 29 02:50:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

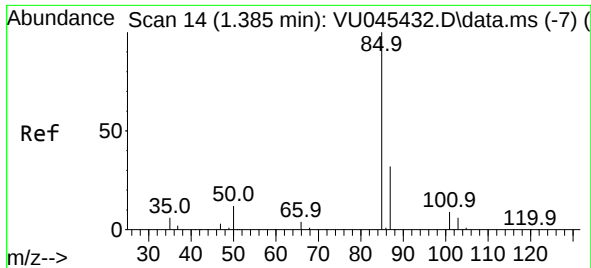
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	12514	5.131	ug/L	98
46) Tetrachloroethene	8.559	164	8399	5.192	ug/L	96
48) 2-Hexanone	8.687	43	31556	9.686	ug/L	97
49) Dibromochloromethane	8.816	129	11523	4.847	ug/L	96
50) 1,2-Dibromoethane	8.928	107	12715	5.032	ug/L	99
51) Chlorobenzene	9.449	112	31336	5.052	ug/L	98
52) Ethylbenzene	9.575	91	53370	5.013	ug/L	100
53) m,p-Xylene	9.697	106	20222	4.979	ug/L	99
54) o-xylene	10.105	106	20484	5.047	ug/L	93
55) Styrene	10.118	104	32090	4.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	21194	4.877	ug/L	97
59) Bromoform	10.292	173	7475	4.724	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	17683	5.329	ug/L	98
61) Isopropylbenzene	10.488	105	49895	5.057	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	40930	4.993	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	40655	4.887	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	22313	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	22902	5.071	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	23848	5.256	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4645	4.990	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	16383	5.283	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	14397	5.460	ug/L	98
71) Naphthalene	14.089	128	52470	5.772	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	15214	5.748	ug/L	100

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

Quant Time: Oct 29 02:50:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 29 02:49:32 2021
Response via : Initial Calibration

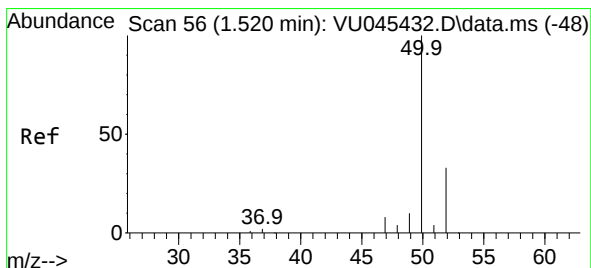
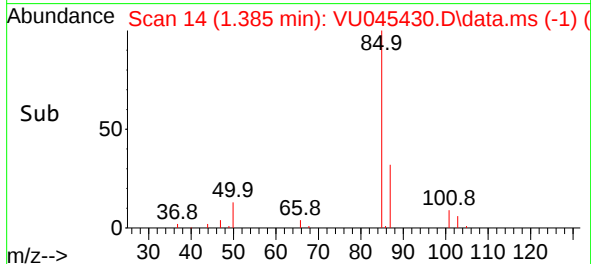
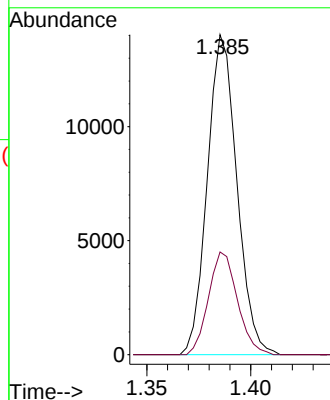
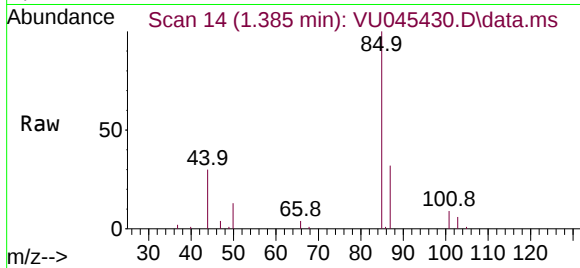




#2
Dichlorodifluoromethane
Concen: 5.719 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

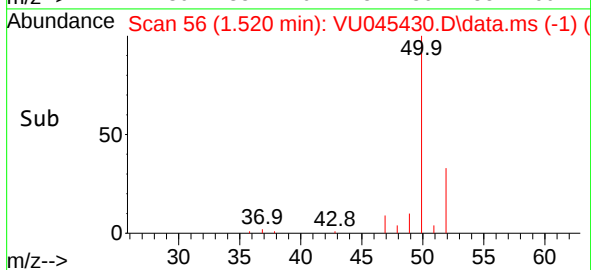
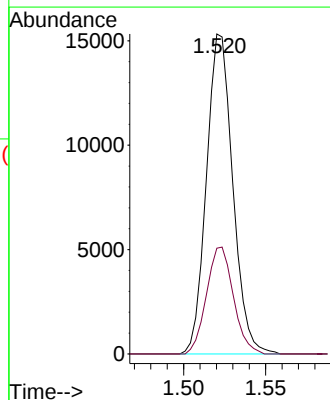
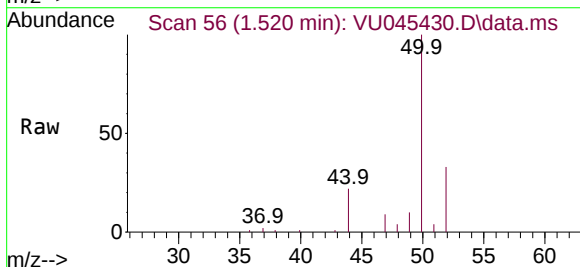
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

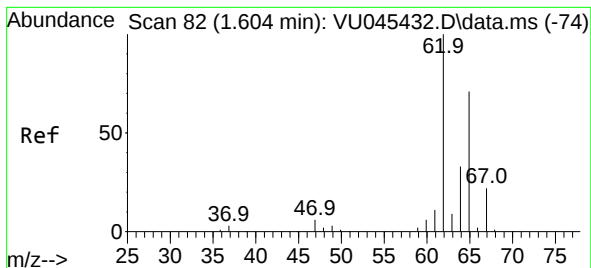
Tgt Ion: 85 Resp: 13872
Ion Ratio Lower Upper
85 100
87 31.4 26.0 39.0



#3
Chloromethane
Concen: 6.186 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 50 Resp: 17100
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2





#5

Vinyl chloride

Concen: 5.296 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

Lab File: VU045430.D

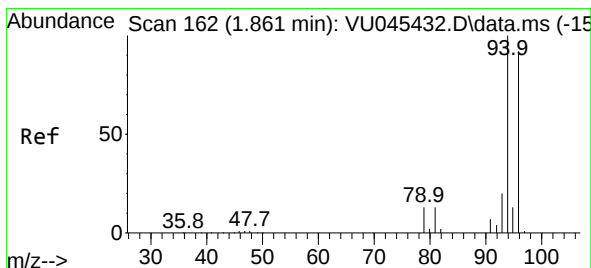
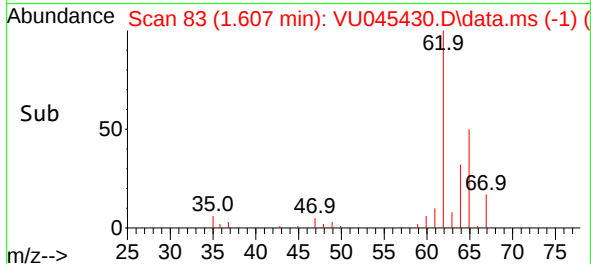
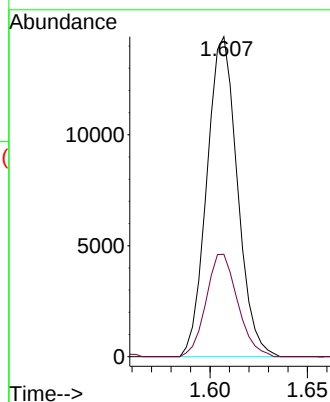
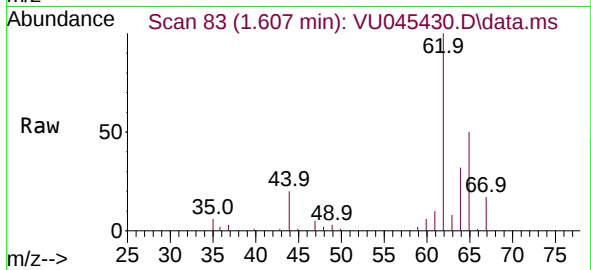
Acq: 28 Oct 2021 10:30

Tgt Ion: 62 Resp: 15725

Ion Ratio Lower Upper

62 100

64 32.0 23.3 43.3



#6

Bromomethane

Concen: 5.082 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045430.D

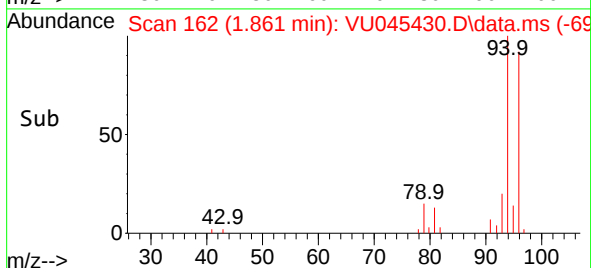
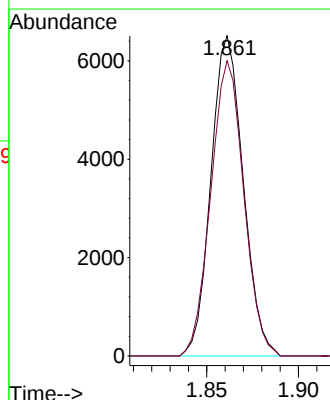
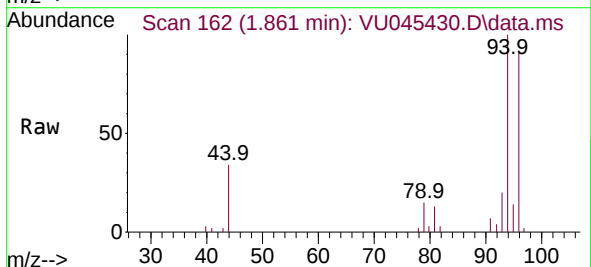
Acq: 28 Oct 2021 10:30

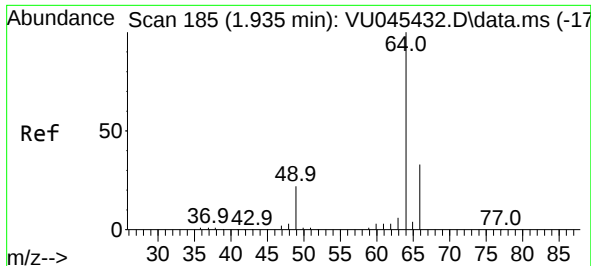
Tgt Ion: 94 Resp: 7951

Ion Ratio Lower Upper

94 100

96 92.2 64.9 120.5

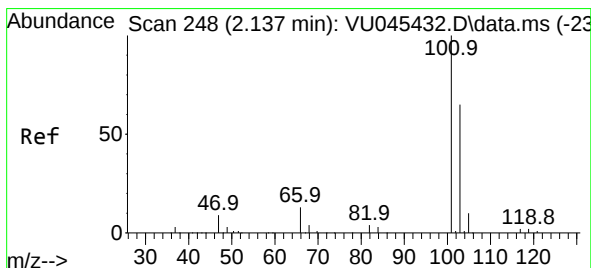
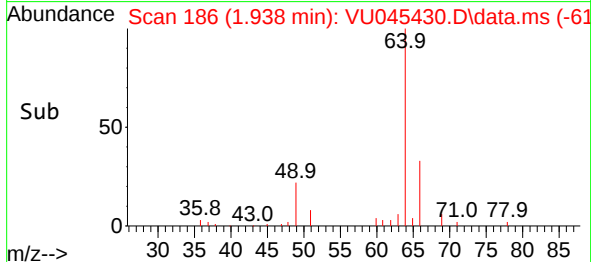
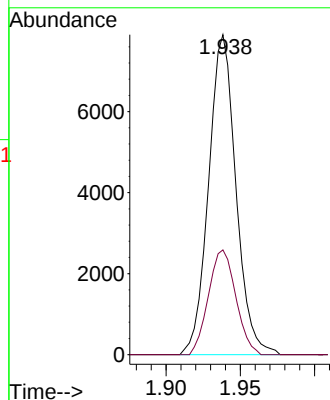
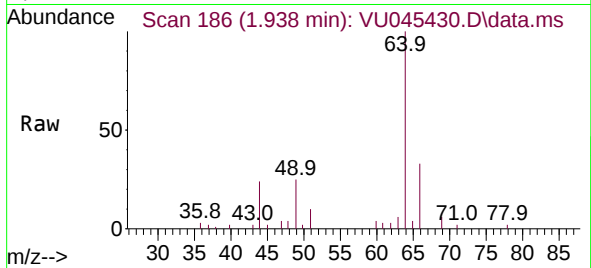




#8
Chloroethane
Concen: 5.580 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

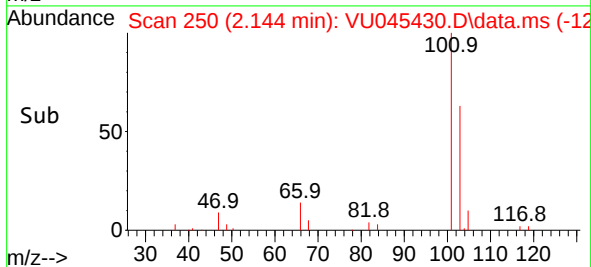
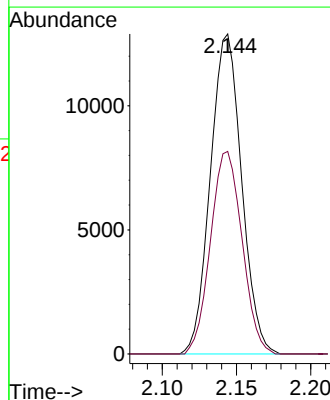
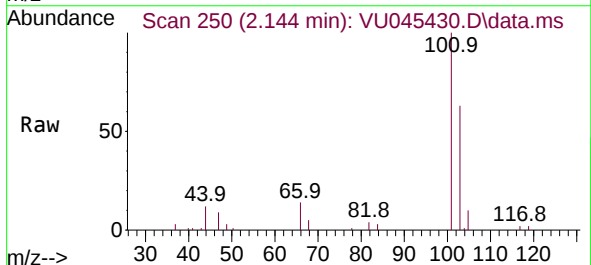
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

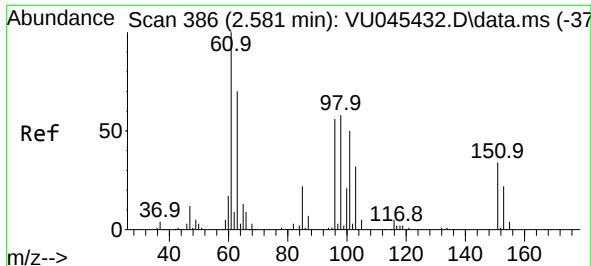
Tgt Ion: 64 Resp: 10113
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.248 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.007 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:101 Resp: 18868
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.042 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

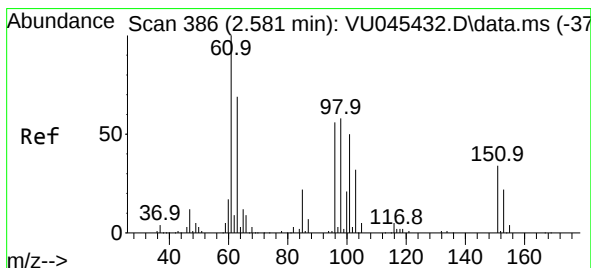
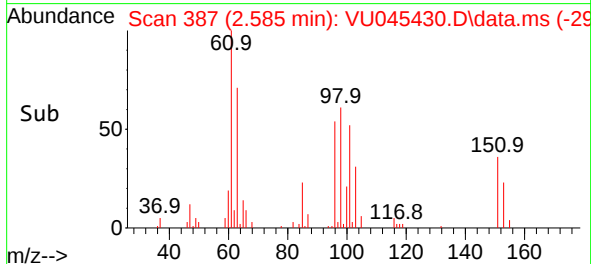
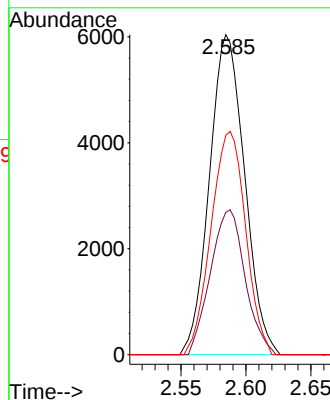
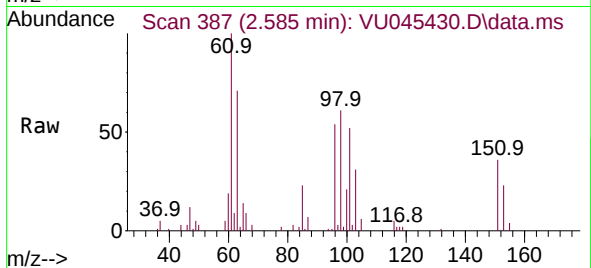
Instrument :

MSVOA_U

ClientSampleId :

VSTD005025

Tgt Ion:	101	Resp:	11371
Ion	Ratio	Lower	Upper
101	100		
85	44.7	34.8	52.2
151	68.6	54.6	81.8



#12

1,1-Dichloroethene

Concen: 4.938 ug/L

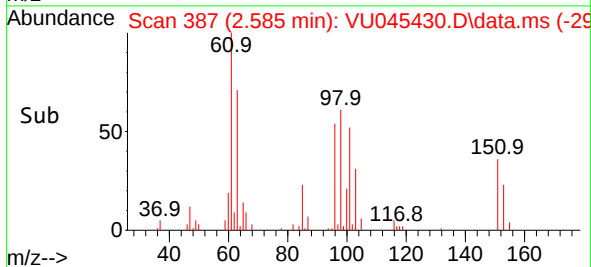
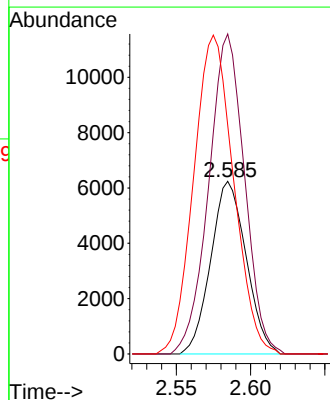
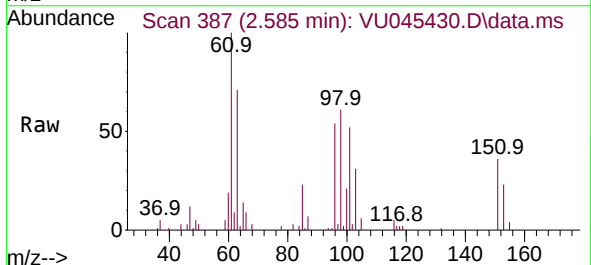
RT: 2.585 min Scan# 387

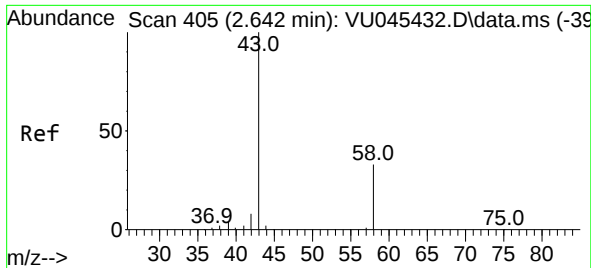
Delta R.T. 0.003 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Tgt Ion:	96	Resp:	10343
Ion	Ratio	Lower	Upper
96	100		
61	185.4	126.3	234.5
63	132.5	89.2	165.8

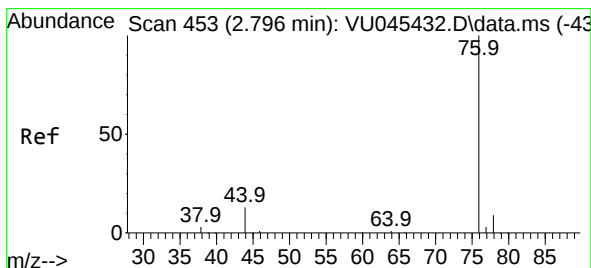
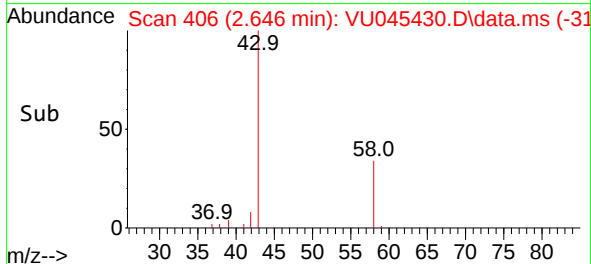
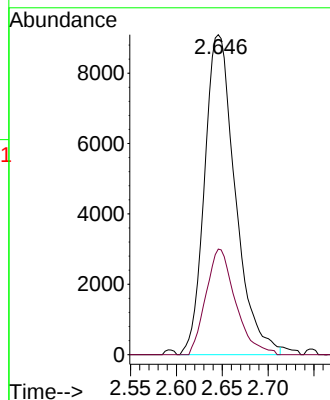
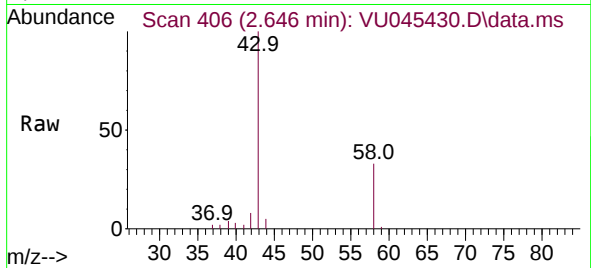




#13
Acetone
Concen: 9.365 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

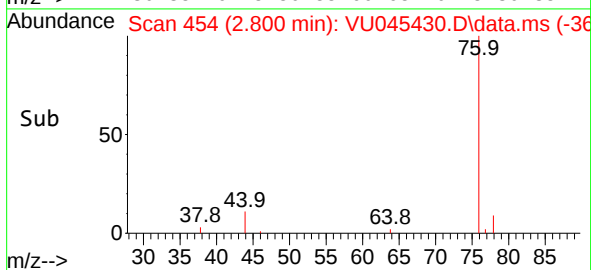
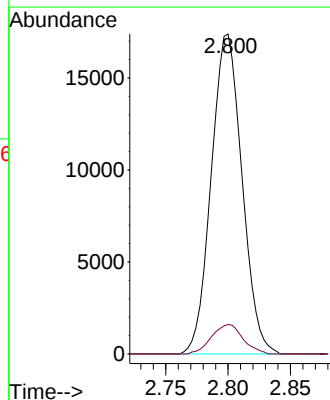
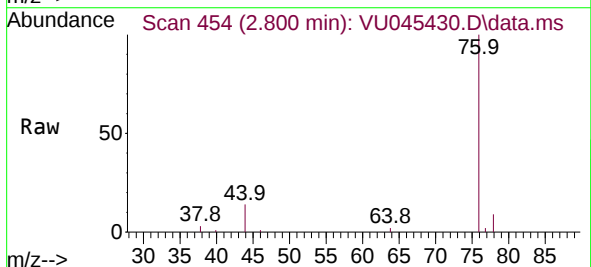
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

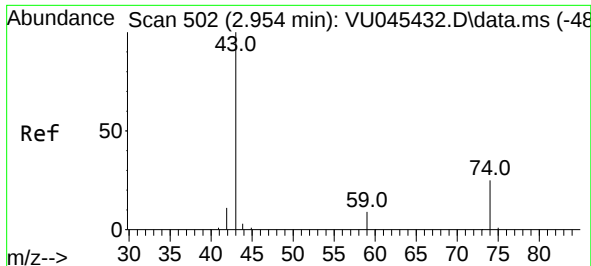
Tgt Ion: 43 Resp: 21206
Ion Ratio Lower Upper
43 100
58 31.7 0.0 66.2



#14
Carbon disulfide
Concen: 5.153 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 76 Resp: 29897
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

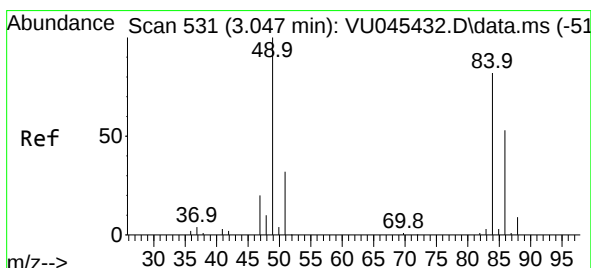
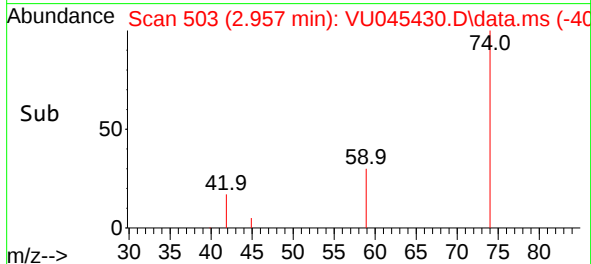
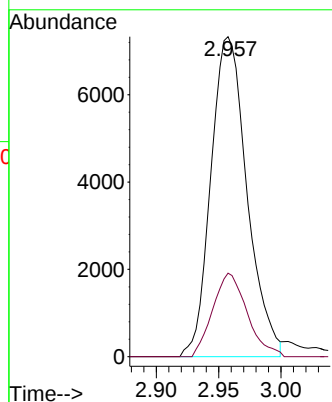
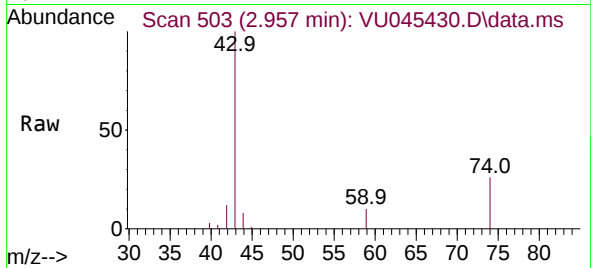




#15
Methyl Acetate
Concen: 4.944 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

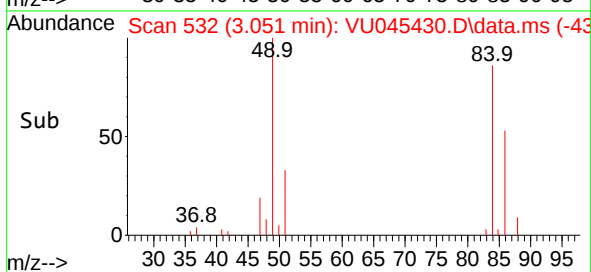
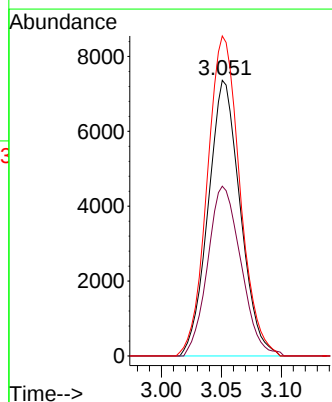
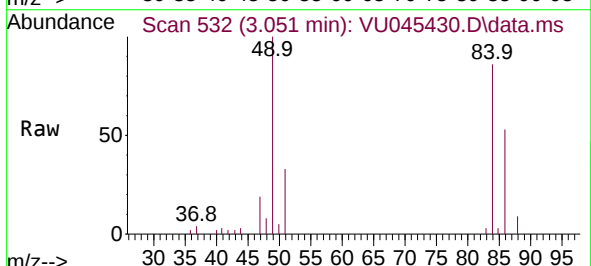
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

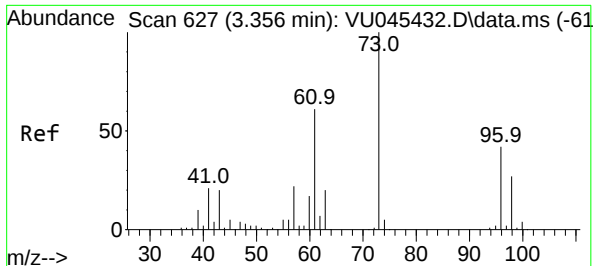
Tgt Ion: 43 Resp: 14800
Ion Ratio Lower Upper
43 100
74 24.8 20.0 30.0



#16
Methylene chloride
Concen: 5.111 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 84 Resp: 13688
Ion Ratio Lower Upper
84 100
86 61.6 45.8 85.2
49 116.0 85.9 159.5



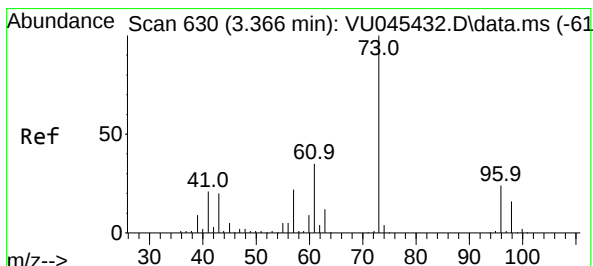
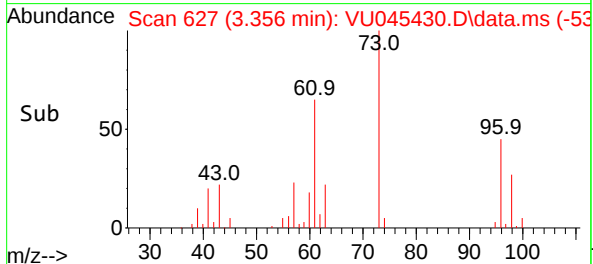
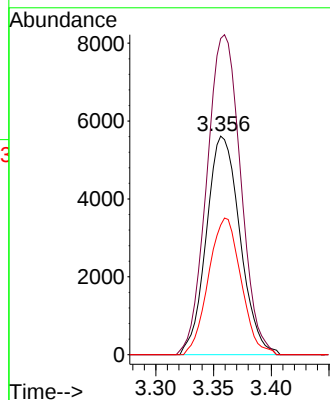
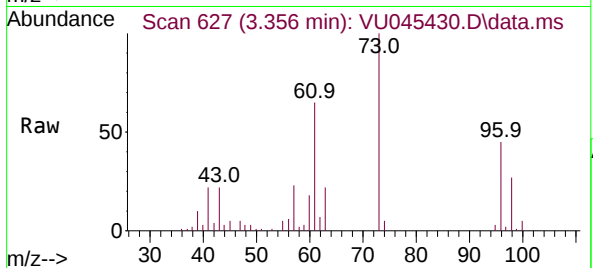


#17

trans-1,2-Dichloroethene
Concen: 5.056 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

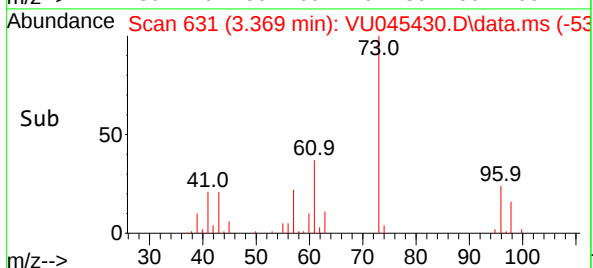
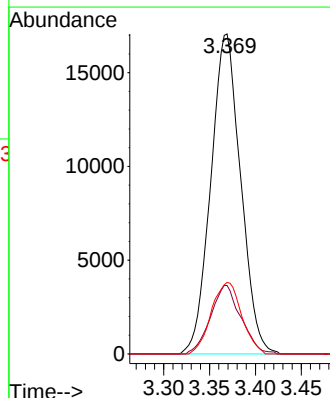
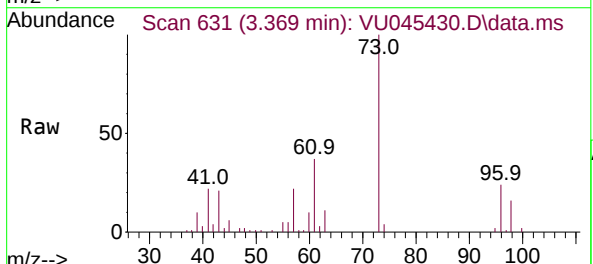
Tgt Ion:	96	Resp:	11370
Ion	Ratio	Lower	Upper
96	100		
61	144.6	101.8	189.2
98	59.3	45.1	83.7

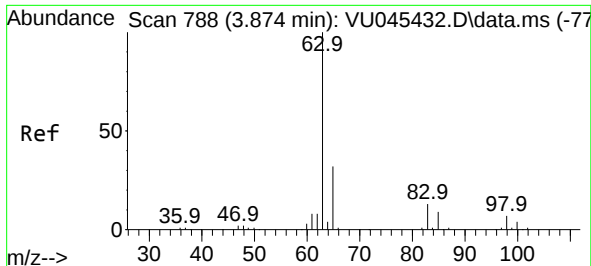


#18

Methyl tert-butyl Ether
Concen: 4.944 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	73	Resp:	38652
Ion	Ratio	Lower	Upper
73	100		
43	21.7	16.2	24.4
57	22.7	18.1	27.1





#19

1,1-Dichloroethane

Concen: 4.917 ug/L

RT: 3.877 min Scan# 789

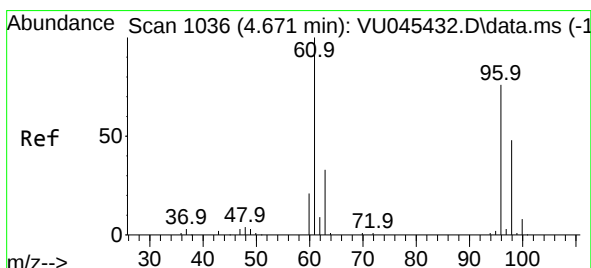
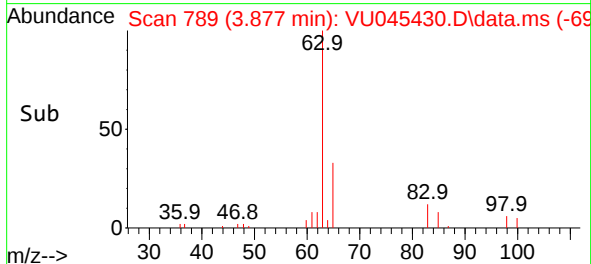
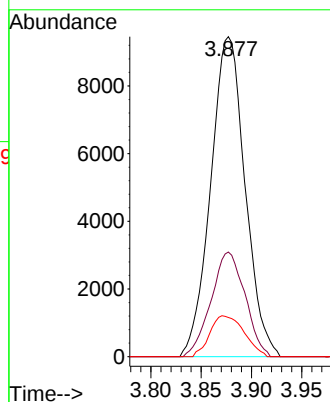
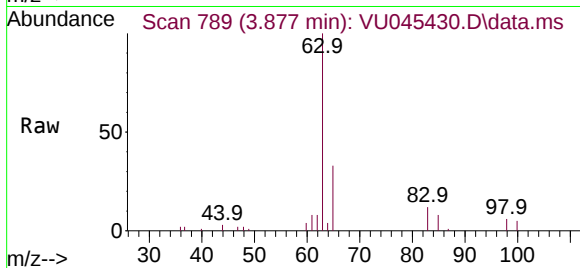
Delta R.T. 0.003 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Tgt Ion: 63 Resp: 22497

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.4	41.6
83	12.2	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 4.991 ug/L

RT: 4.671 min Scan# 1036

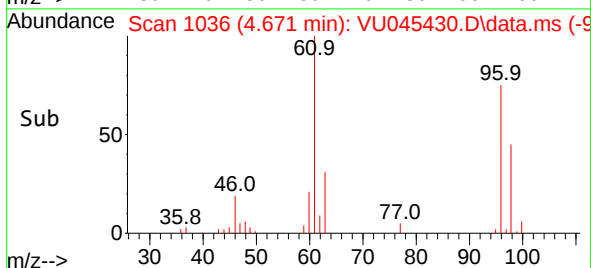
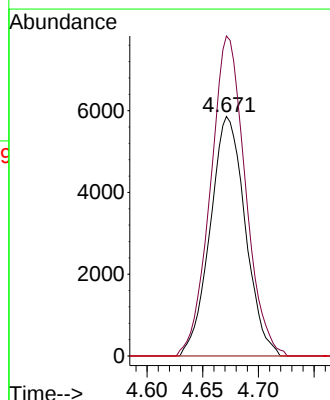
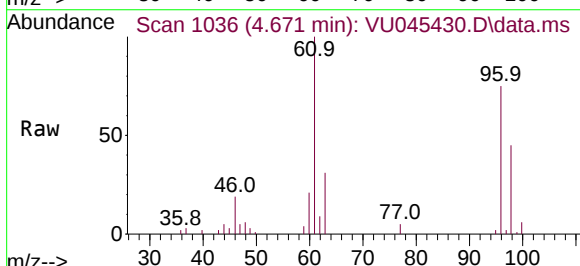
Delta R.T. 0.000 min

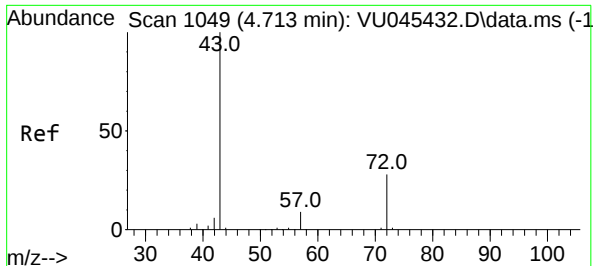
Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Tgt Ion: 96 Resp: 12815

Ion	Ratio	Lower	Upper
96	100		
61	133.6	92.8	172.4
68	0.0	0.0	0.0

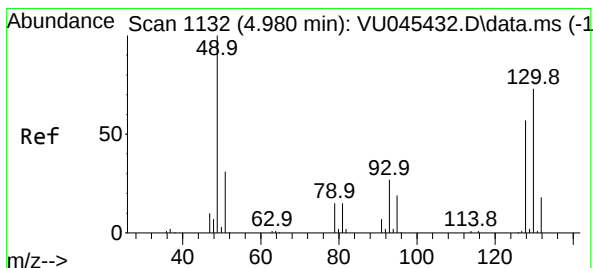
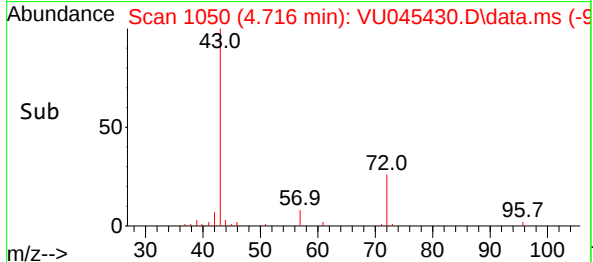
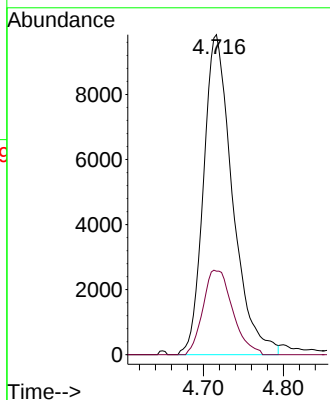
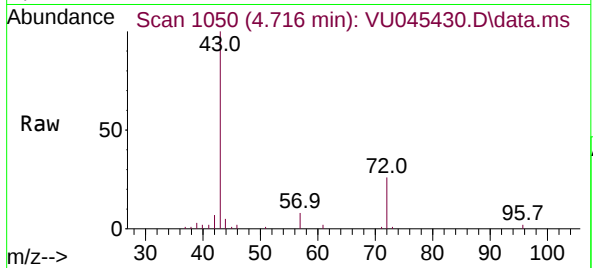




#22
2-Butanone
Concen: 9.576 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

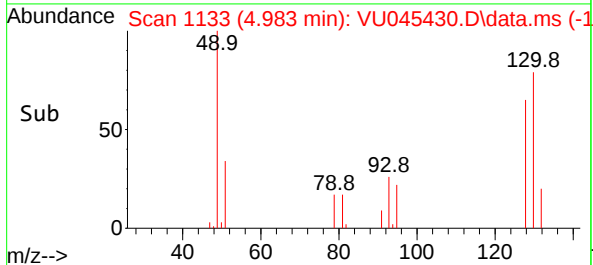
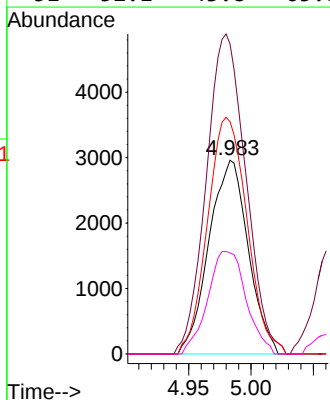
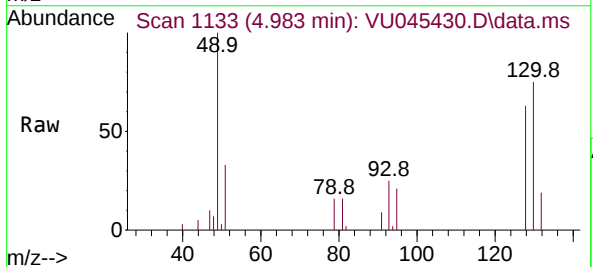
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

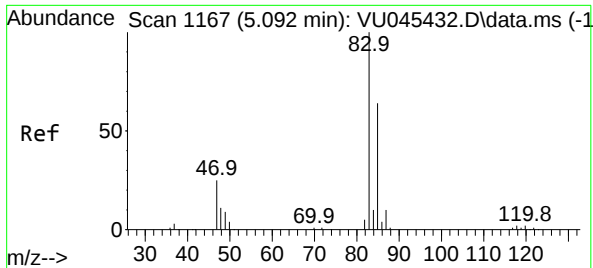
Tgt Ion: 43 Resp: 24774
Ion Ratio Lower Upper
43 100
72 26.9 14.4 43.2



#23
Bromochloromethane
Concen: 5.155 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 128 Resp: 6475
Ion Ratio Lower Upper
128 100
49 160.0 123.1 228.5
130 119.9 89.8 166.8
51 52.1 43.8 65.8





#25

Chloroform

Concen: 4.966 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Instrument :

MSVOA_U

ClientSampleId :

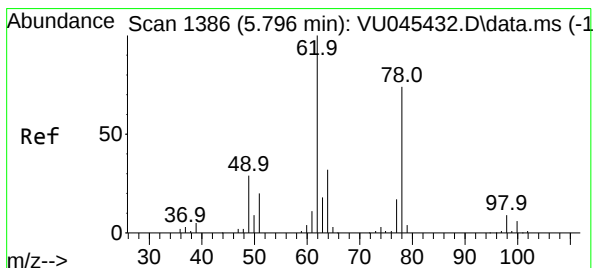
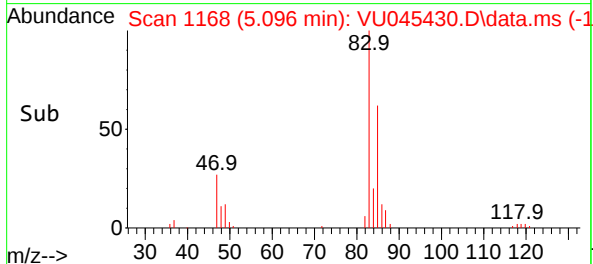
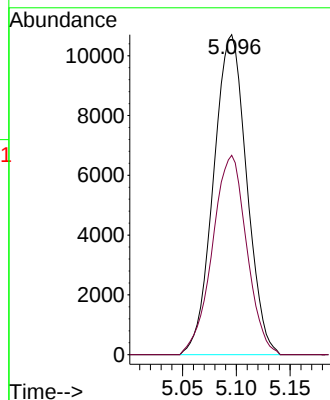
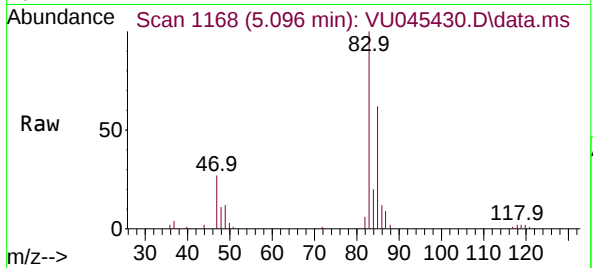
VSTD005025

Tgt Ion: 83 Resp: 22975

Ion Ratio Lower Upper

83 100

85 62.3 45.0 83.6



#27

1,2-Dichloroethane

Concen: 5.014 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU045430.D

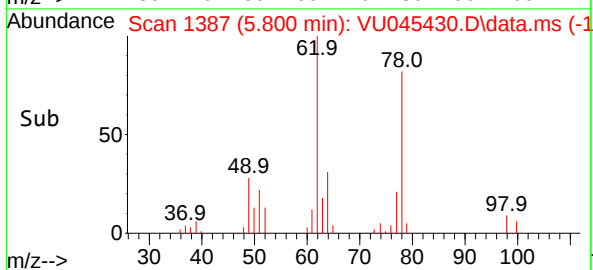
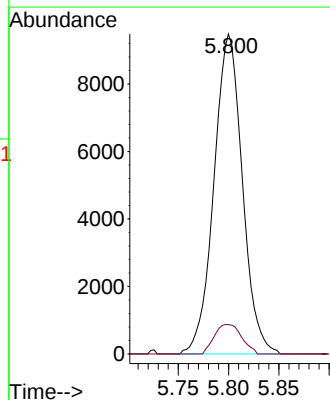
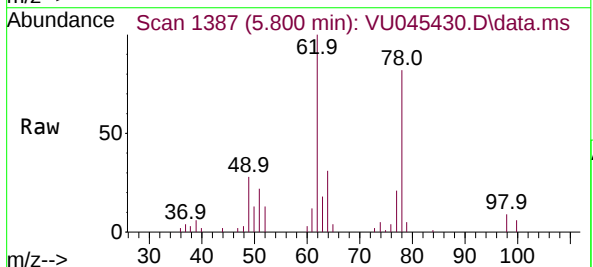
Acq: 28 Oct 2021 10:30

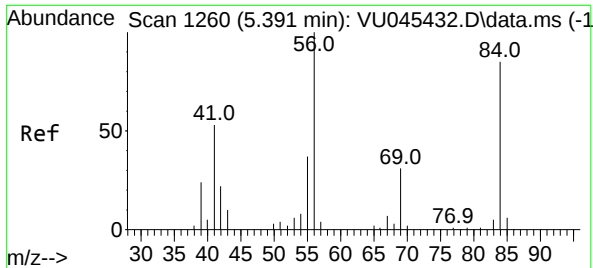
Tgt Ion: 62 Resp: 18667

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 5.517 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Instrument :

MSVOA_U

ClientSampleId :

VSTD005025

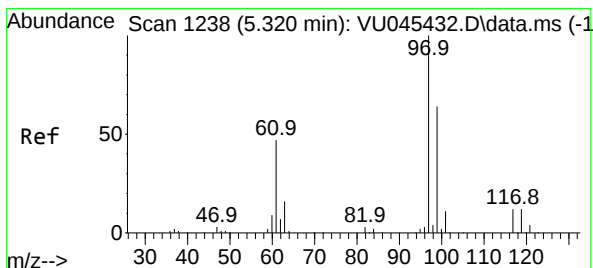
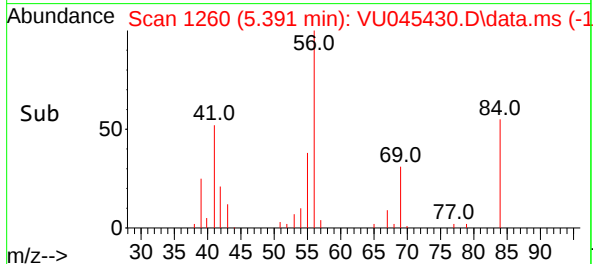
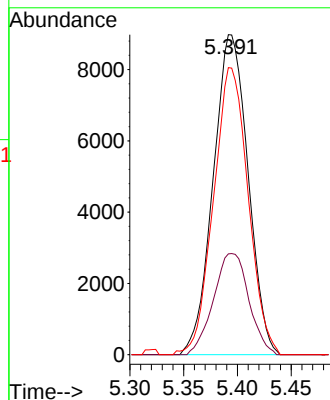
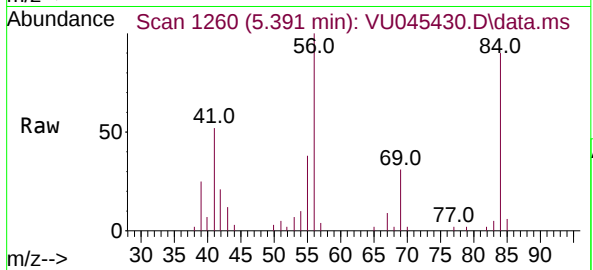
Tgt Ion: 56 Resp: 20225

Ion Ratio Lower Upper

56 100

69 32.1 25.0 37.4

84 89.0 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 5.143 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

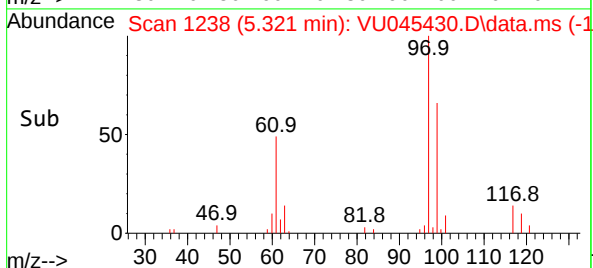
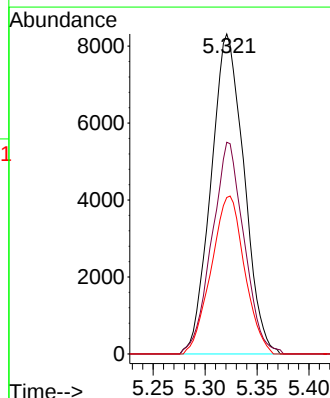
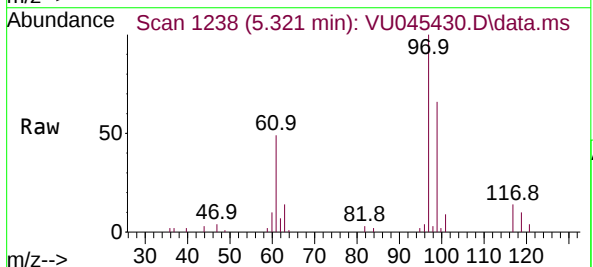
Tgt Ion: 97 Resp: 18355

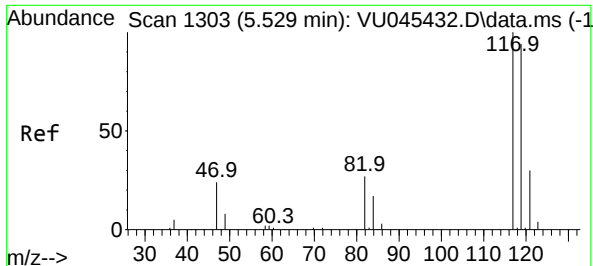
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 49.8 38.8 58.2

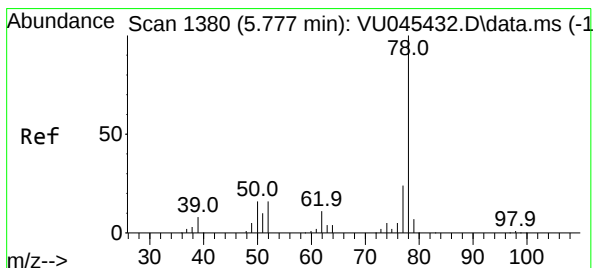
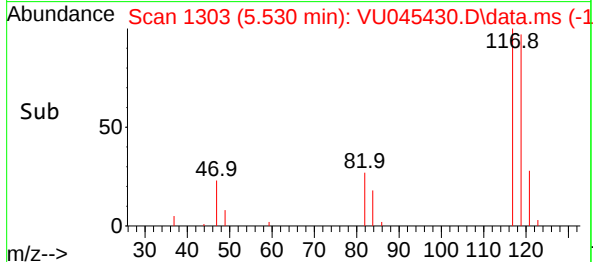
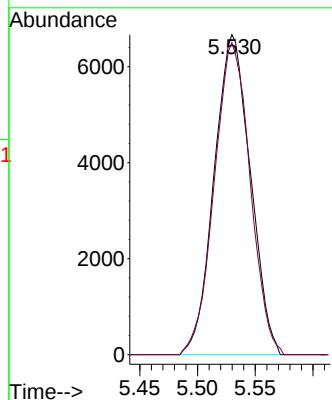
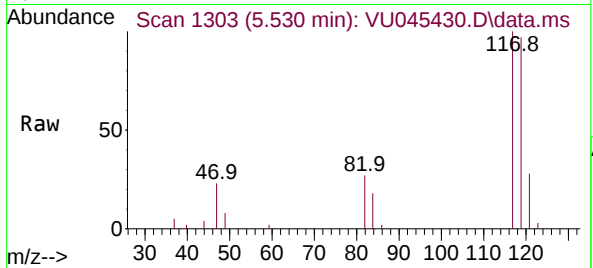




#31
Carbon tetrachloride
Concen: 5.258 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

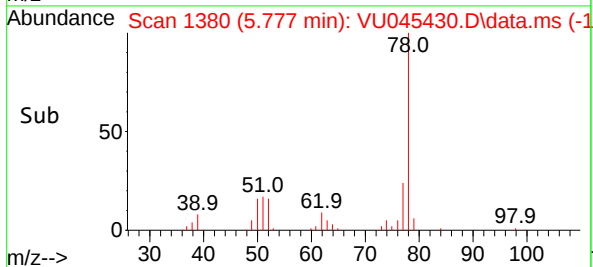
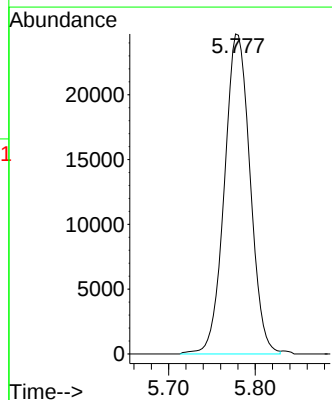
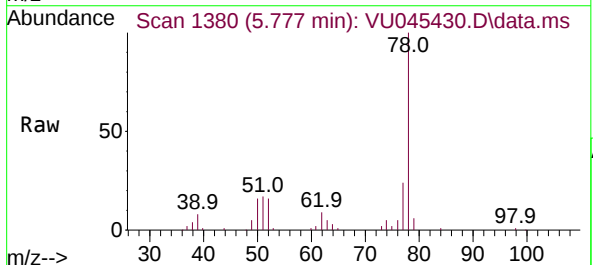
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

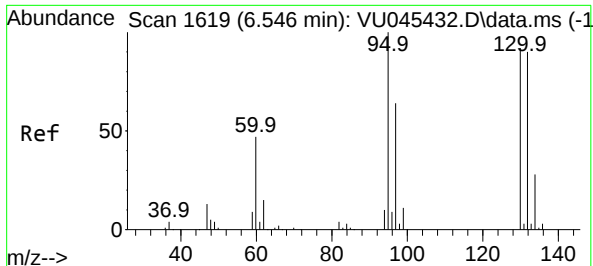
Tgt Ion:117 Resp: 14508
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4



#33
Benzene
Concen: 5.378 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 78 Resp: 50869



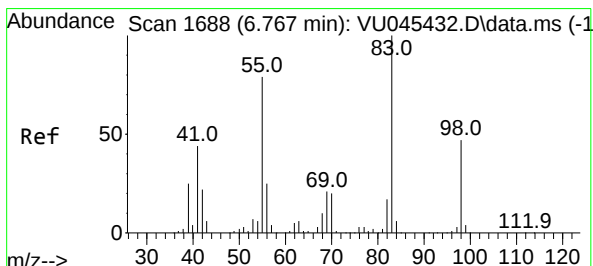
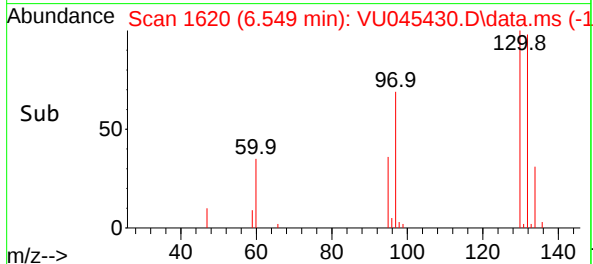
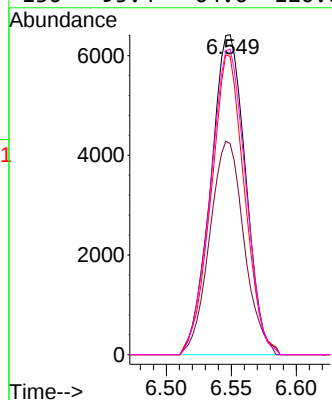
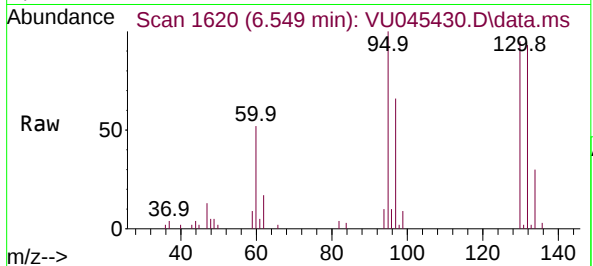


#34
Trichloroethene
Concen: 5.160 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

Tgt Ion: 95 Resp: 11966

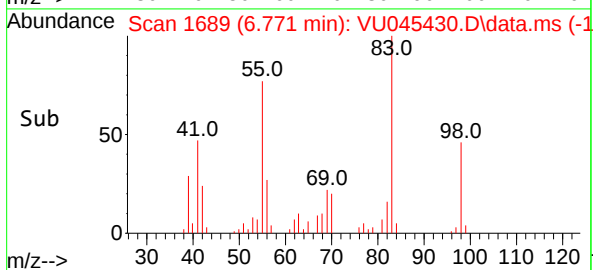
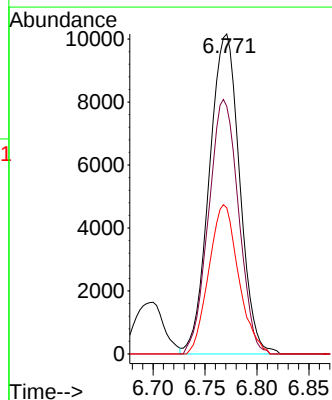
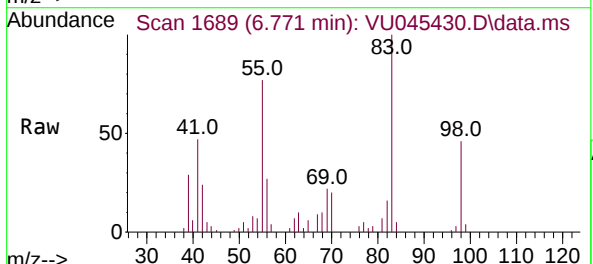
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.0	83.6
132	93.2	63.3	117.7
130	95.4	64.6	120.0

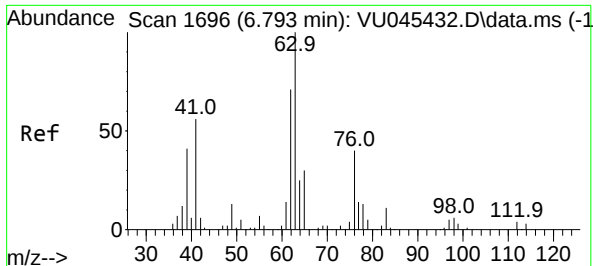


#35
Methylcyclohexane
Concen: 5.540 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 83 Resp: 20638

Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.8	94.2
98	45.7	37.4	56.2



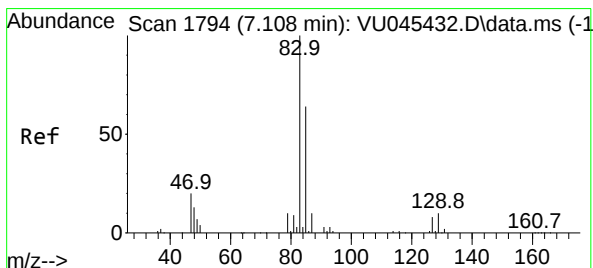
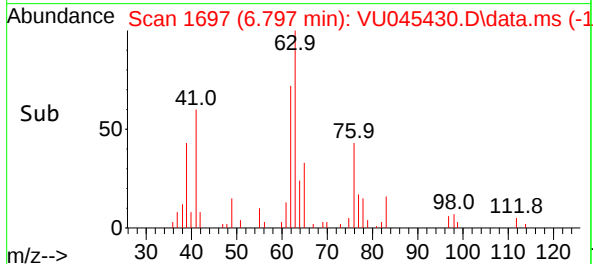
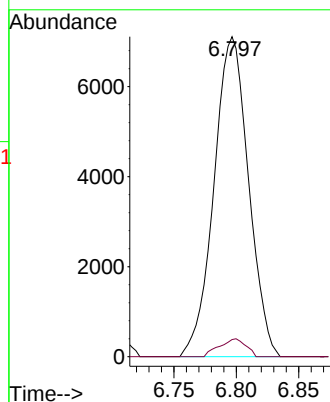
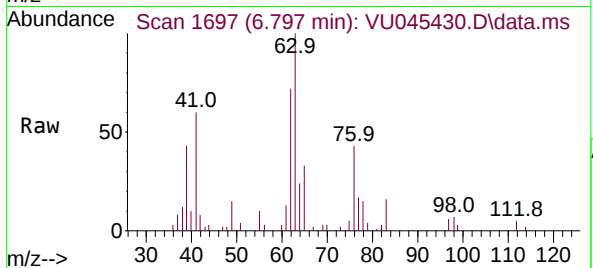


#37

1,2-Dichloropropane
Concen: 5.368 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

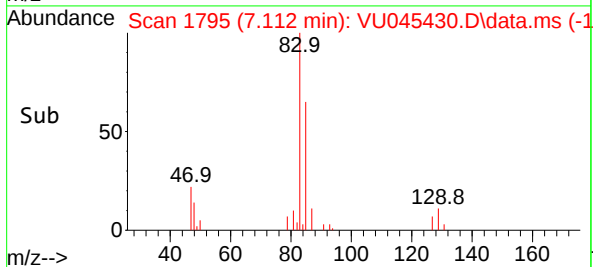
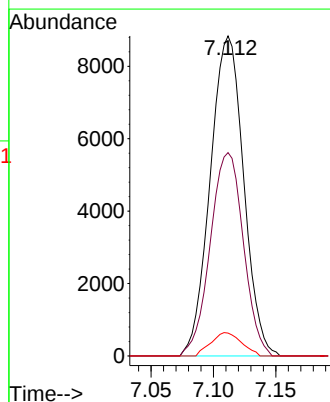
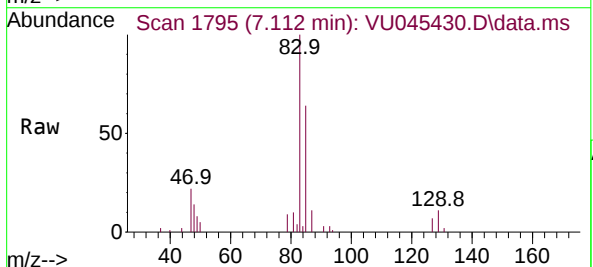
Tgt Ion: 63 Resp: 13730
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2

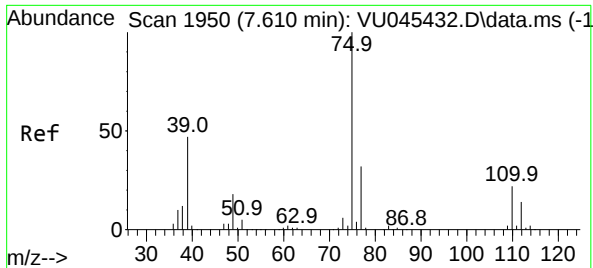


#38

Bromodichloromethane
Concen: 5.001 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 83 Resp: 16500
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9
127 7.1 6.2 9.2

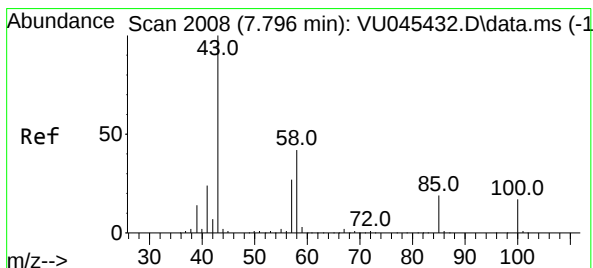
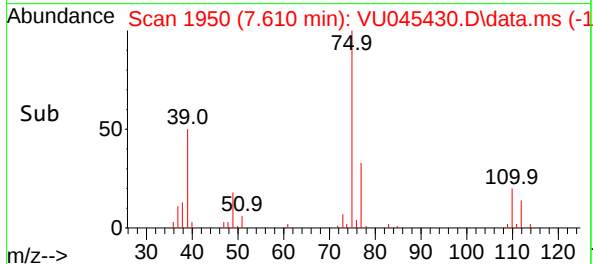
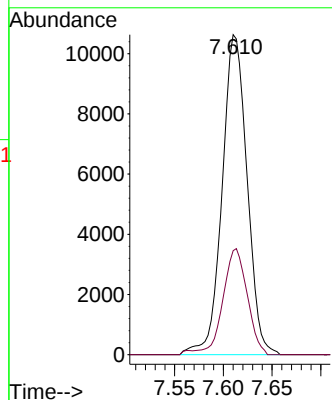
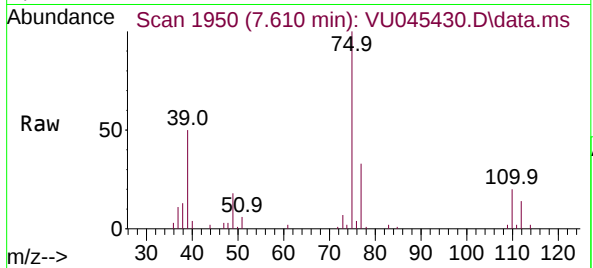




#39
 cis-1,3-Dichloropropene
 Concen: 4.923 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045430.D
 Acq: 28 Oct 2021 10:30

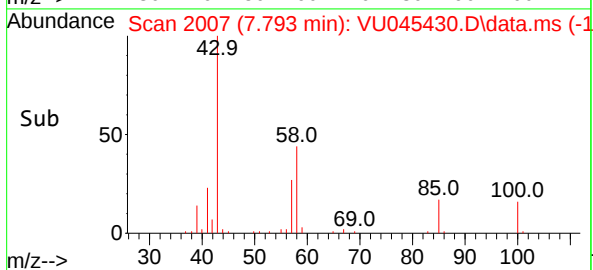
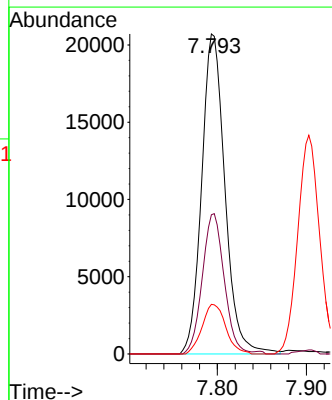
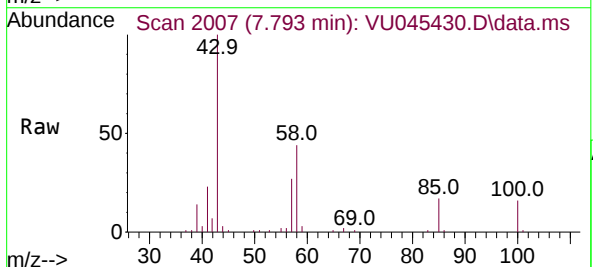
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005025

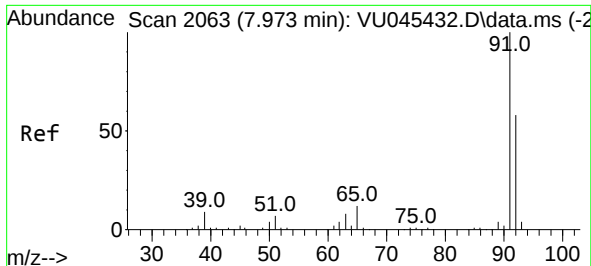
Tgt Ion: 75 Resp: 18939
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 9.708 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.003 min
 Lab File: VU045430.D
 Acq: 28 Oct 2021 10:30

Tgt Ion: 43 Resp: 37679
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.9 50.9
 100 15.7 13.3 19.9

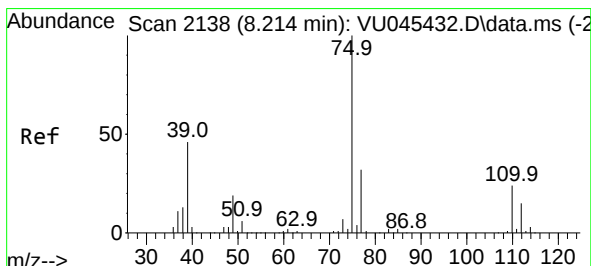
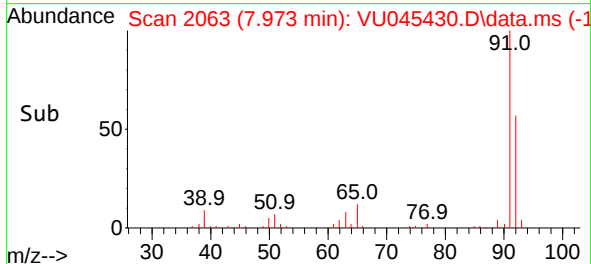
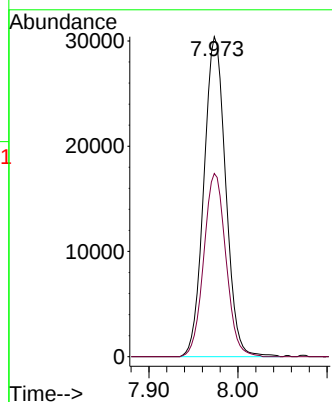
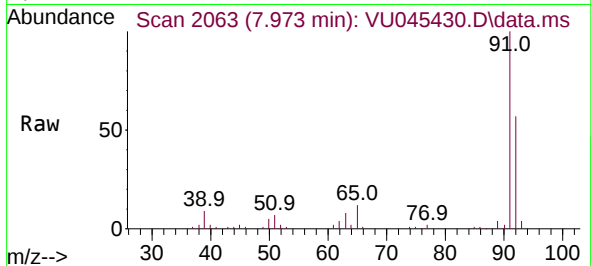




#42
Toluene
Concen: 5.240 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

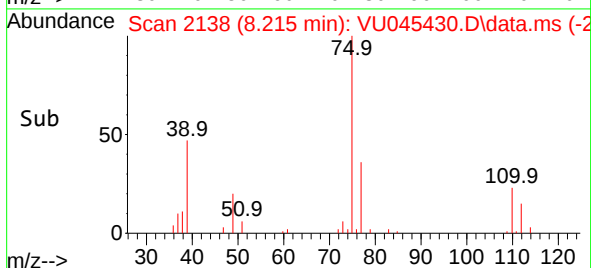
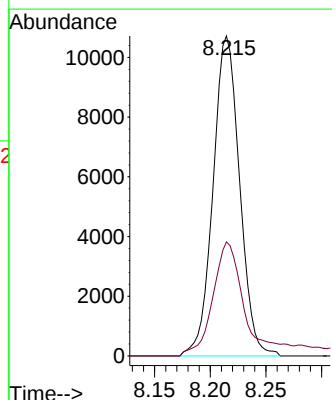
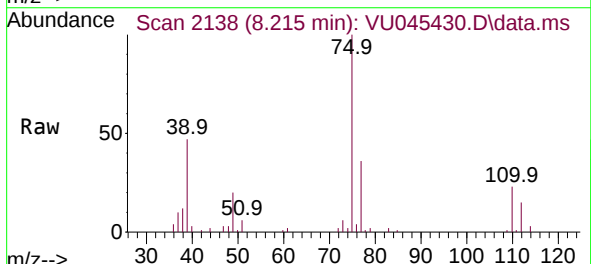
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

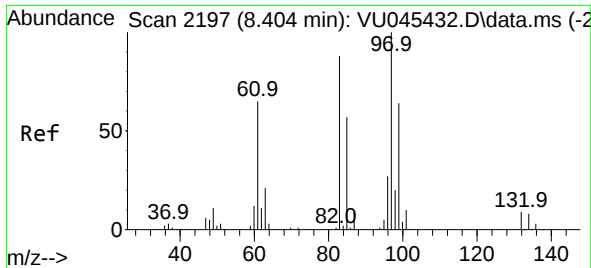
Tgt Ion: 91 Resp: 51732
Ion Ratio Lower Upper
91 100
92 57.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 4.849 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 75 Resp: 17774
Ion Ratio Lower Upper
75 100
77 35.6 22.7 42.1

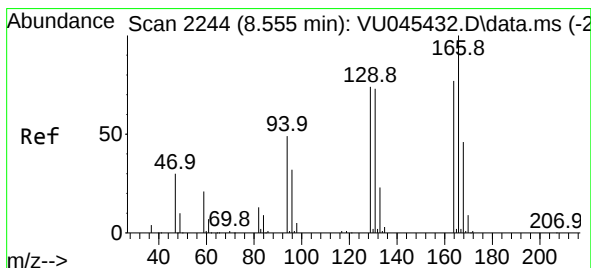
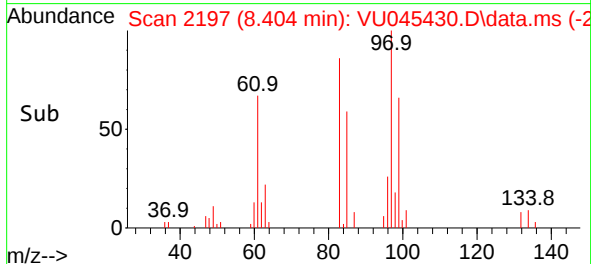
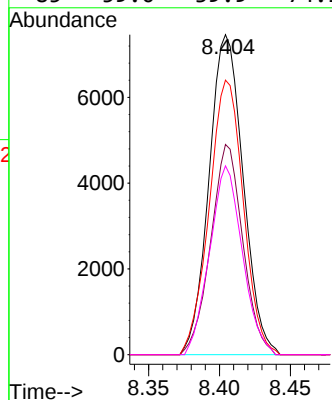
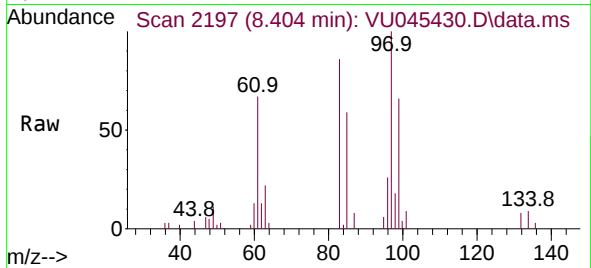




#45
1,1,2-Trichloroethane
Concen: 5.131 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

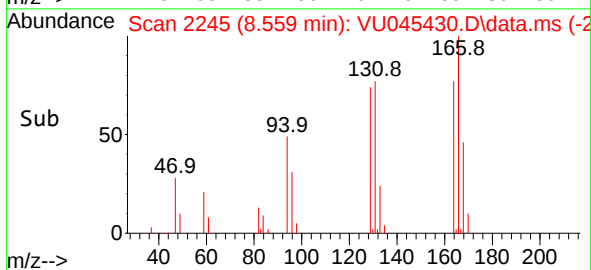
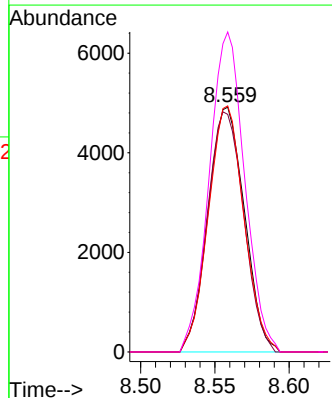
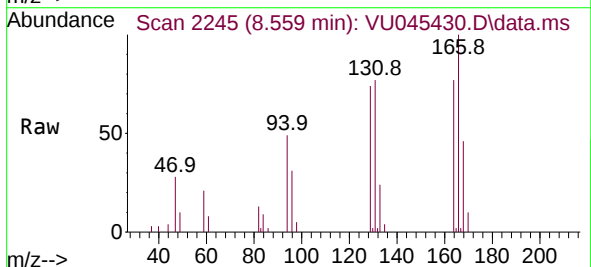
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

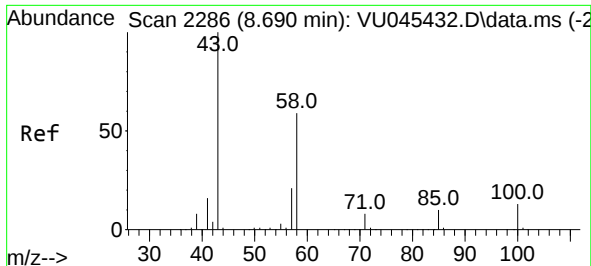
Tgt Ion:	97	Resp:	12514
Ion	Ratio	Lower	Upper
97	100		
99	65.7	44.7	82.9
83	85.8	61.5	114.1
85	59.0	39.9	74.1



#46
Tetrachloroethene
Concen: 5.192 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	164	Resp:	8399
Ion	Ratio	Lower	Upper
164	100		
129	97.1	66.8	124.2
131	100.5	65.6	121.8
166	133.3	90.4	168.0

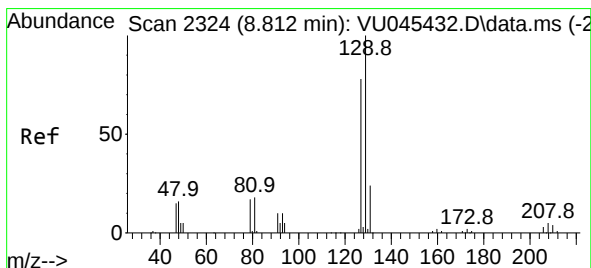
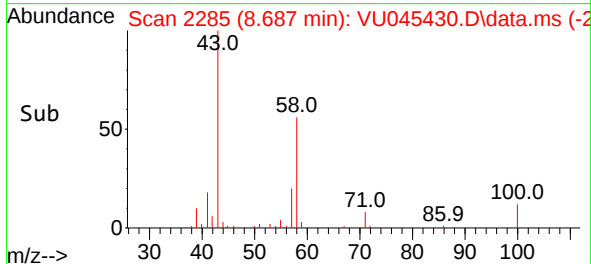
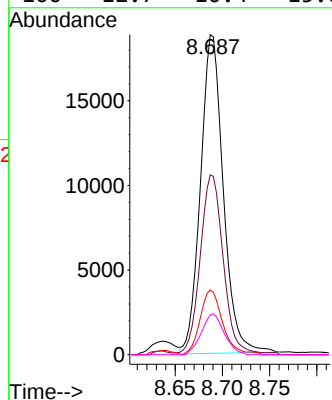
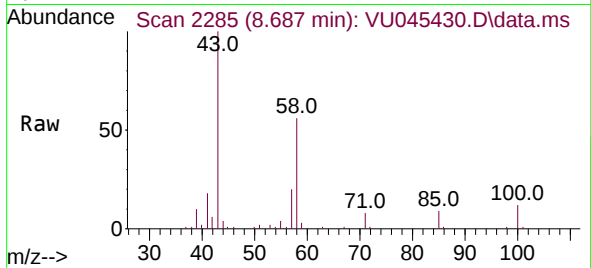




#48
2-Hexanone
Concen: 9.686 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

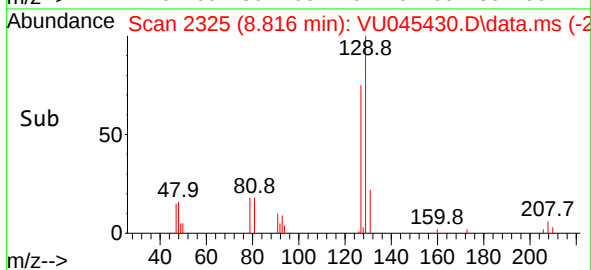
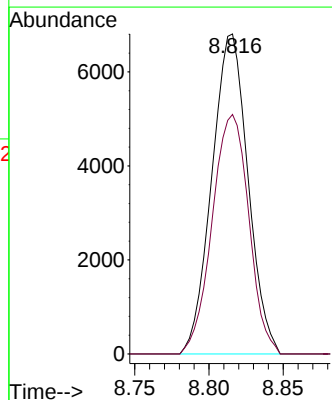
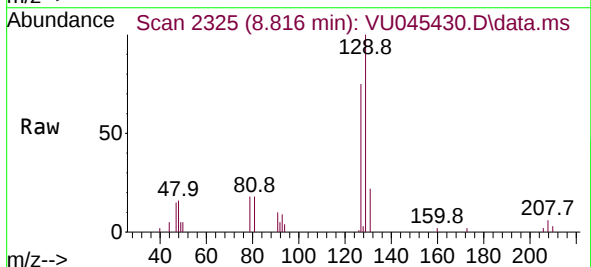
Instrument :
MSVOA_U
ClientSampled :
VSTD005025

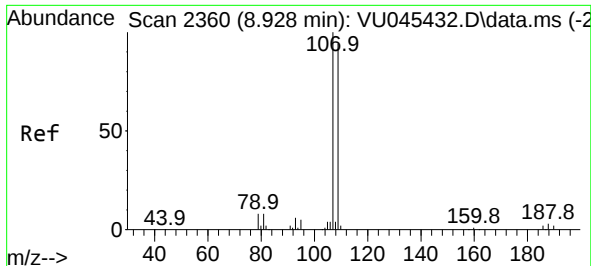
Tgt Ion:	43	Resp:	31556
Ion	Ratio	Lower	Upper
43	100		
58	56.0	47.0	70.4
57	19.7	16.3	24.5
100	12.7	10.4	15.6



#49
Dibromochloromethane
Concen: 4.847 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	129	Resp:	11523
Ion	Ratio	Lower	Upper
129	100		
127	74.9	54.9	101.9





#50

1,2-Dibromoethane

Concen: 5.032 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

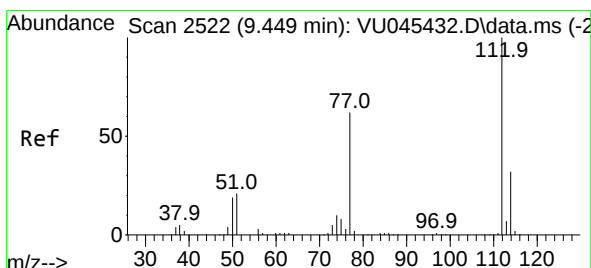
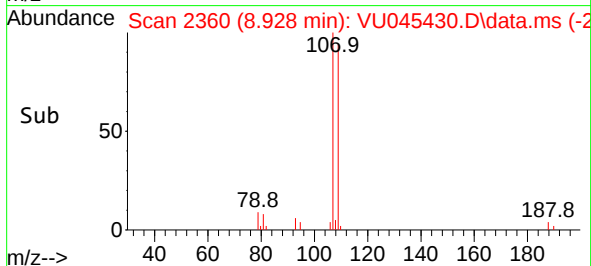
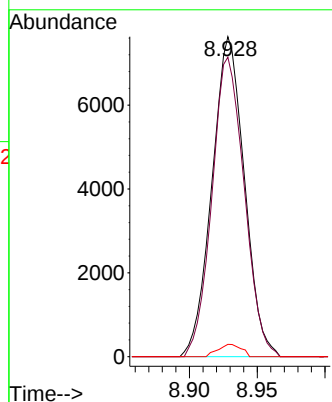
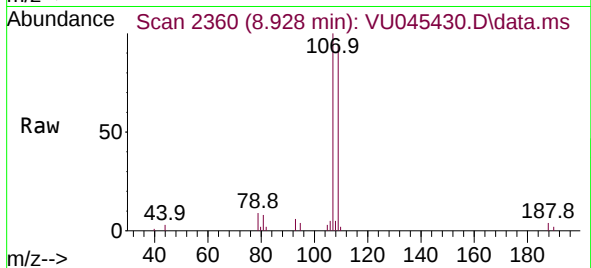
Instrument :

MSVOA_U

ClientSampleId :

VSTD005025

Tgt Ion:	107	Resp:	12715
Ion	Ratio	Lower	Upper
107	100		
109	93.6	66.1	122.8
188	3.9	2.8	4.2



#51

Chlorobenzene

Concen: 5.052 ug/L

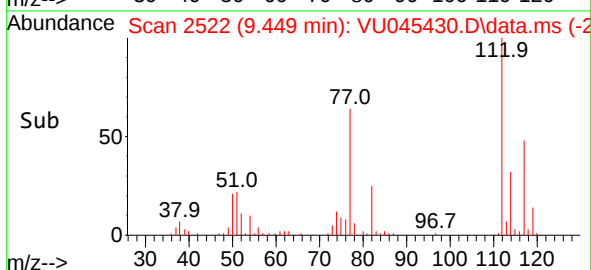
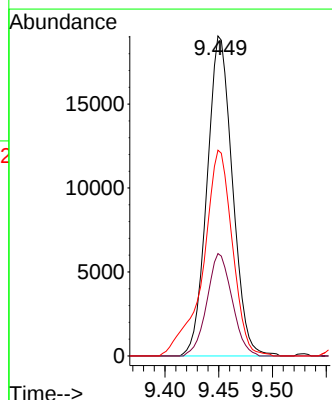
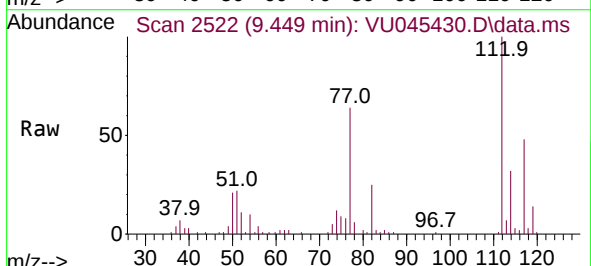
RT: 9.449 min Scan# 2522

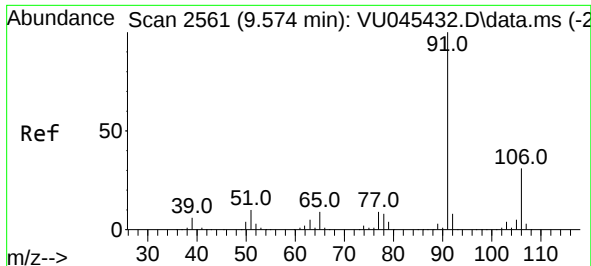
Delta R.T. 0.000 min

Lab File: VU045430.D

Acq: 28 Oct 2021 10:30

Tgt Ion:	112	Resp:	31336
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	64.3	49.8	74.6





#52

Ethylbenzene

Concen: 5.013 ug/L

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045430.D

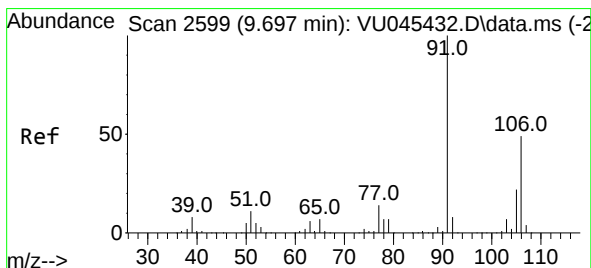
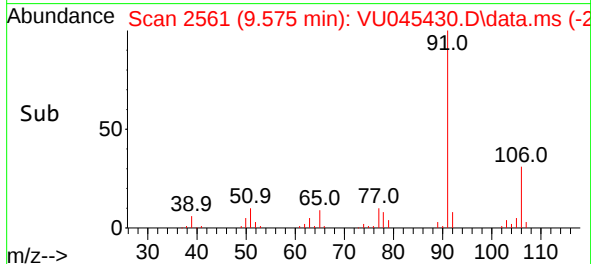
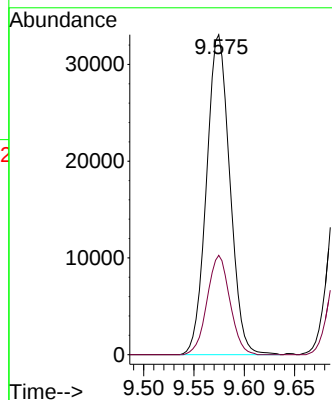
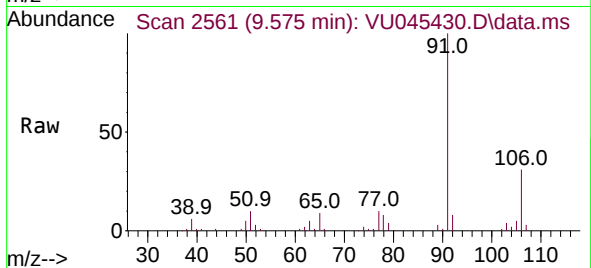
Acq: 28 Oct 2021 10:30

Tgt Ion: 91 Resp: 53370

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 4.979 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045430.D

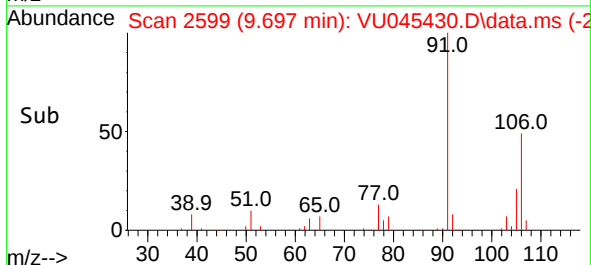
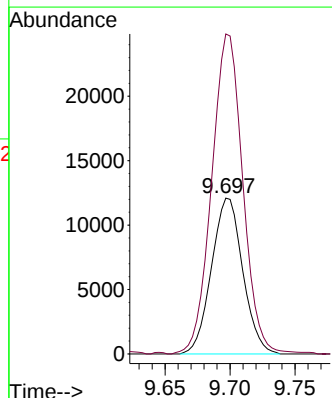
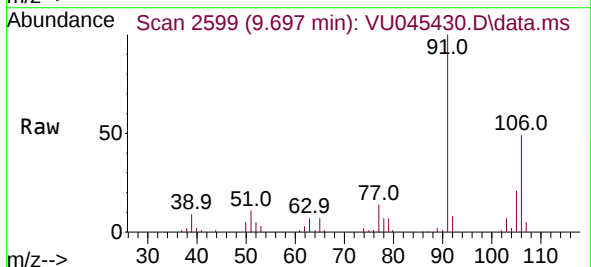
Acq: 28 Oct 2021 10:30

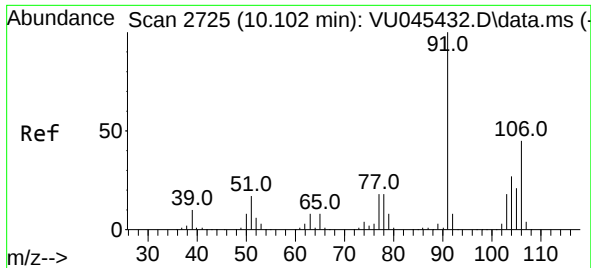
Tgt Ion: 106 Resp: 20222

Ion Ratio Lower Upper

106 100

91 205.4 142.2 264.2

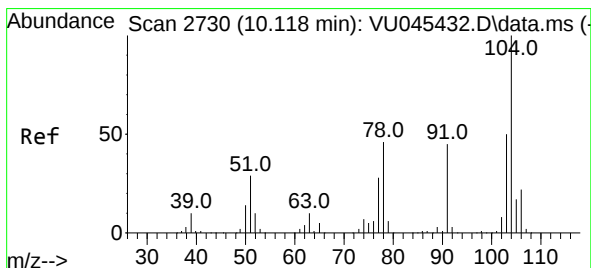
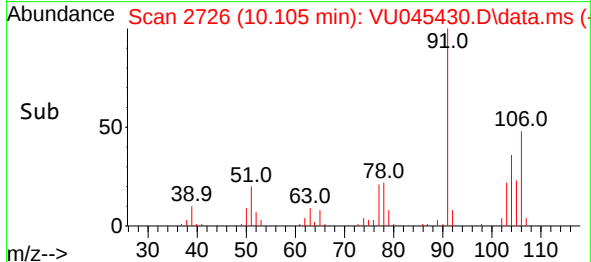
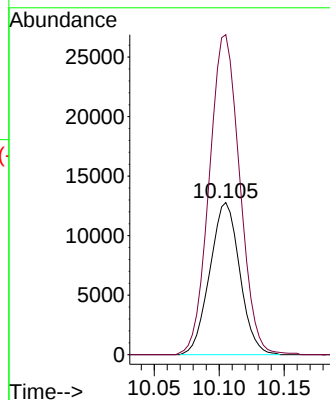
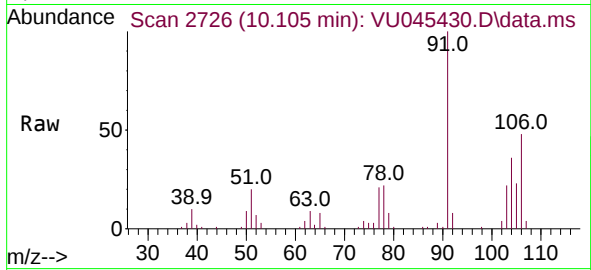




#54
o-xylene
Concen: 5.047 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

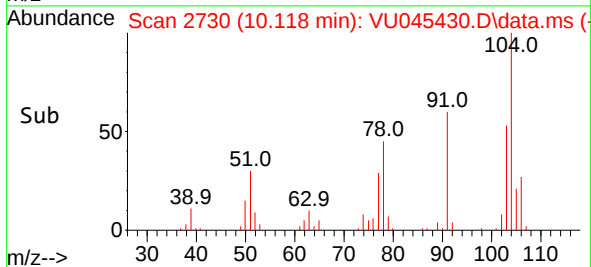
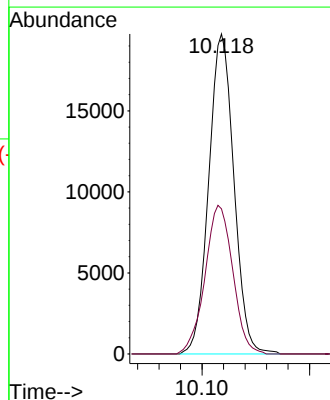
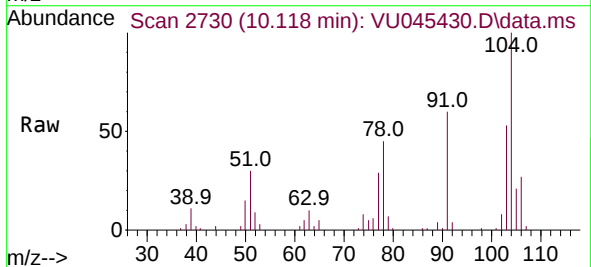
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

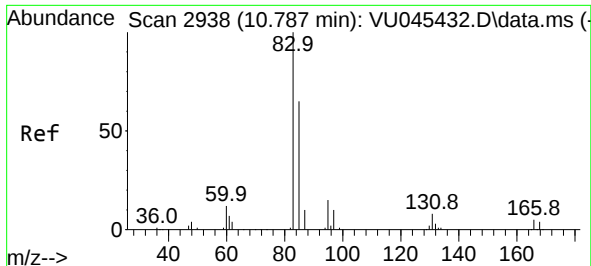
Tgt Ion:106 Resp: 20484
Ion Ratio Lower Upper
106 100
91 210.3 155.2 288.2



#55
Styrene
Concen: 4.677 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:104 Resp: 32090
Ion Ratio Lower Upper
104 100
78 45.4 32.6 60.6

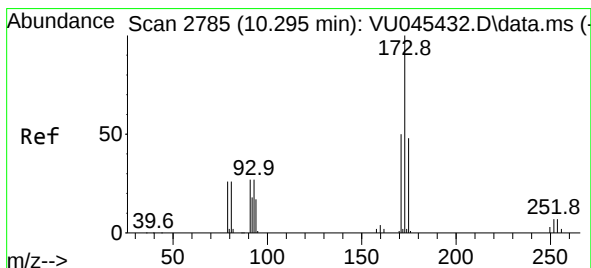
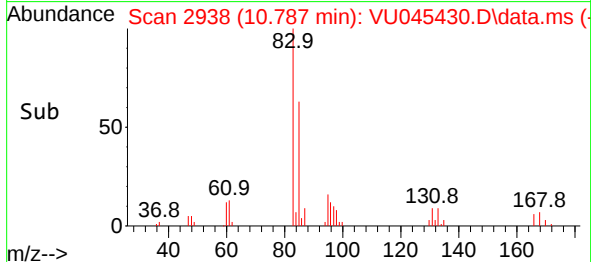
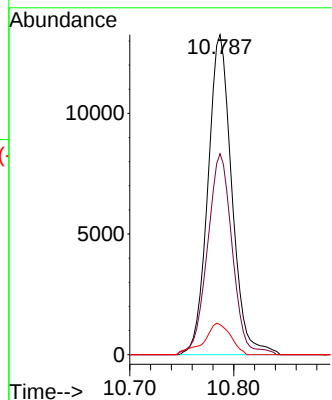
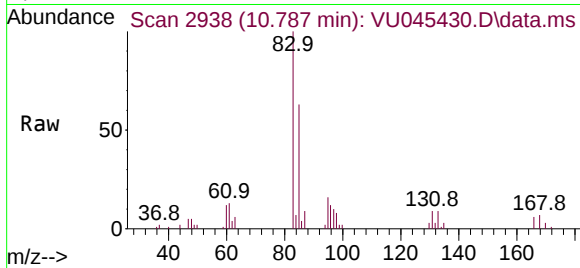




#57
1,1,2,2-Tetrachloroethane
Concen: 4.877 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

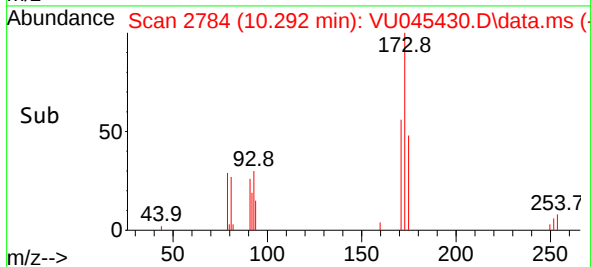
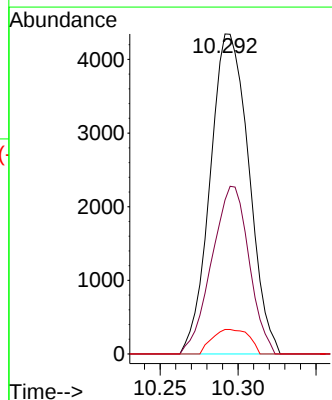
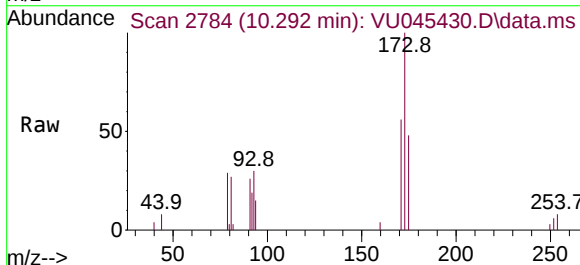
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

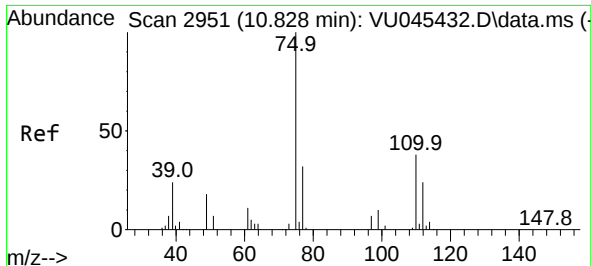
Tgt Ion:	83	Resp:	21194
Ion	Ratio	Lower	Upper
83	100		
85	62.8	46.0	85.4
131	9.4	7.0	10.4



#59
Bromoform
Concen: 4.724 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	173	Resp:	7475
Ion	Ratio	Lower	Upper
173	100		
175	50.6	38.7	58.1
254	7.3	5.8	8.8

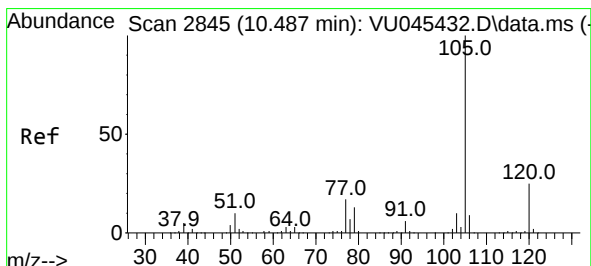
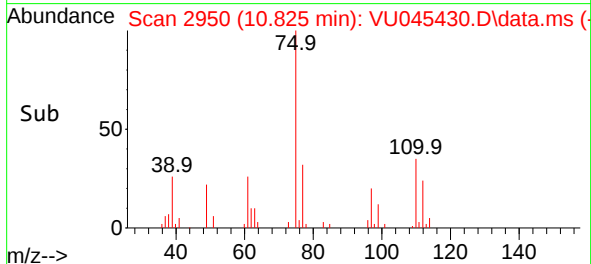
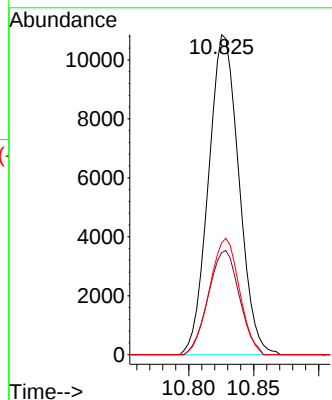
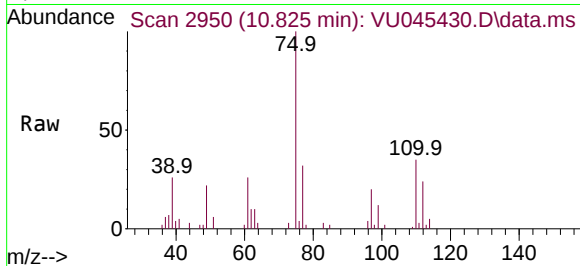




#60
1,2,3-Trichloropropane
Concen: 5.329 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

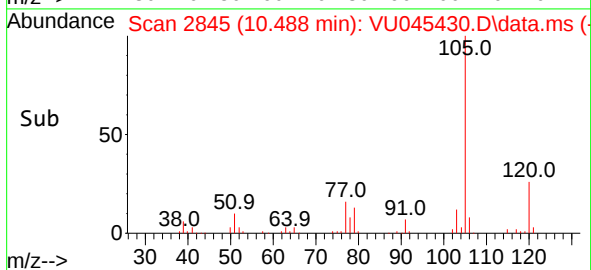
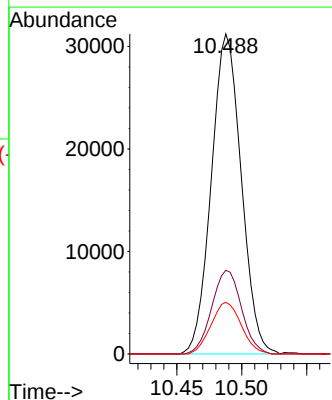
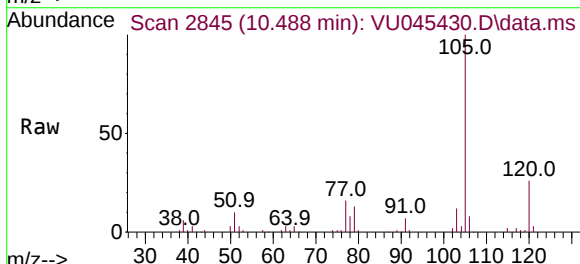
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

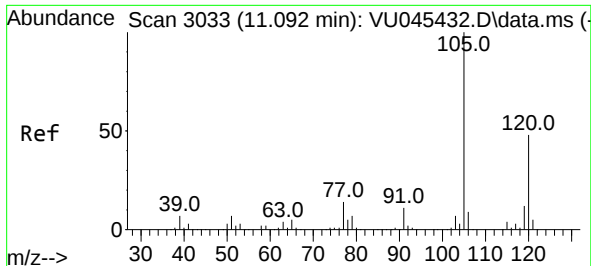
Tgt Ion:	75	Resp:	17683
Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.9	38.9
110	35.8	29.8	44.8



#61
Isopropylbenzene
Concen: 5.057 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	105	Resp:	49895
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.4	30.6
77	16.3	13.3	19.9

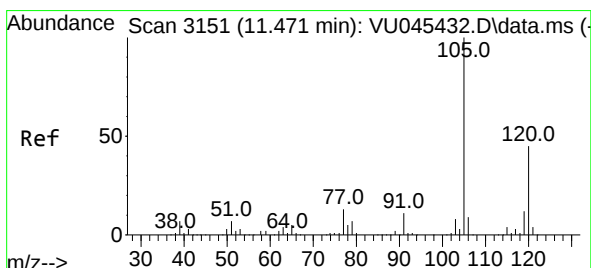
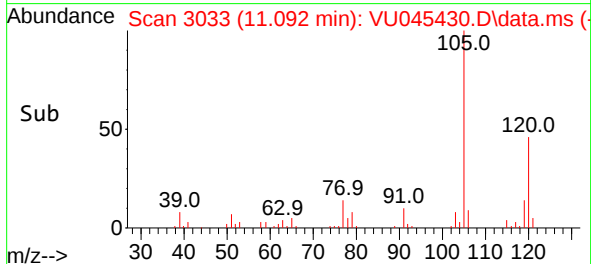
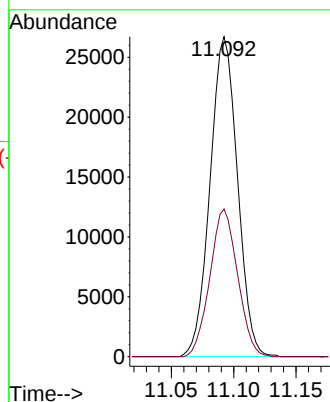
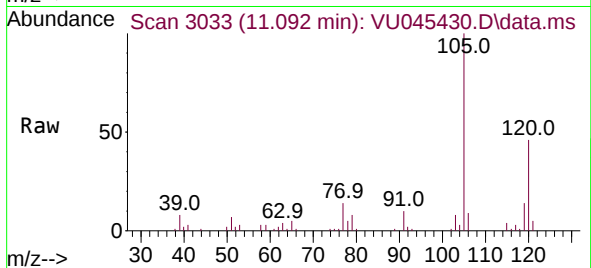




#62
1,3,5-Trimethylbenzene
Concen: 4.993 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

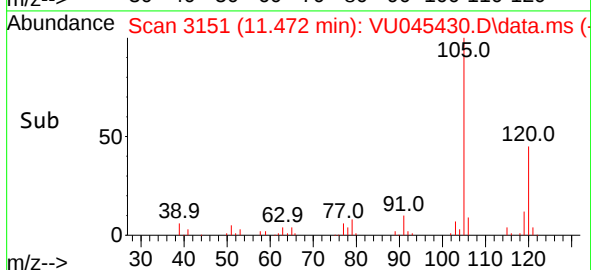
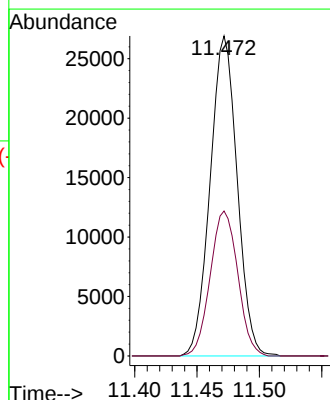
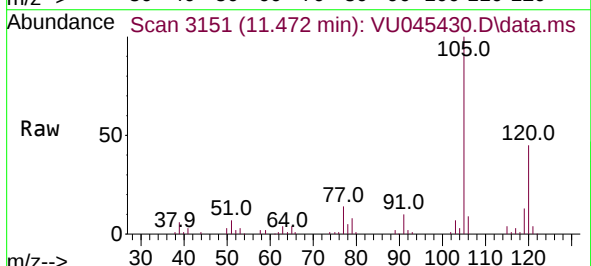
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

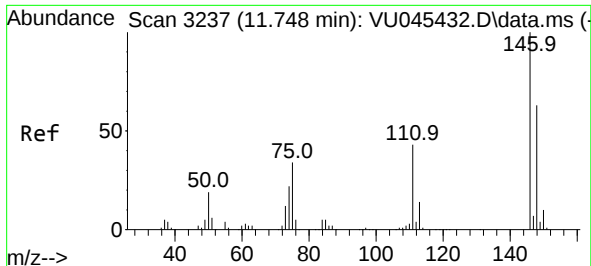
Tgt Ion:105 Resp: 40930
Ion Ratio Lower Upper
105 100
120 46.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 4.887 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:105 Resp: 40655
Ion Ratio Lower Upper
105 100
120 46.2 35.6 53.4

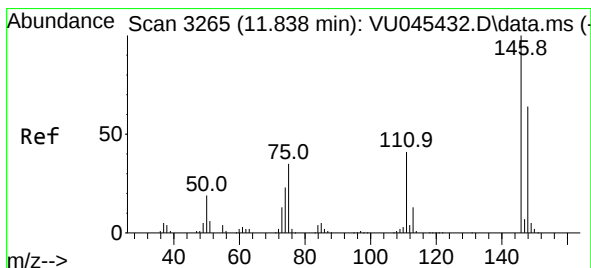
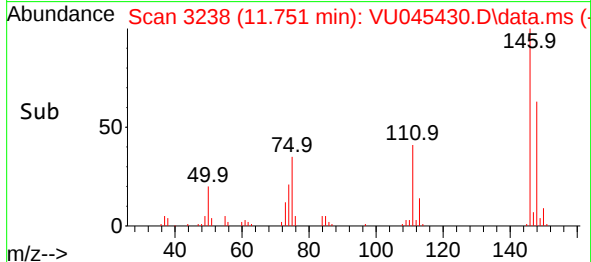
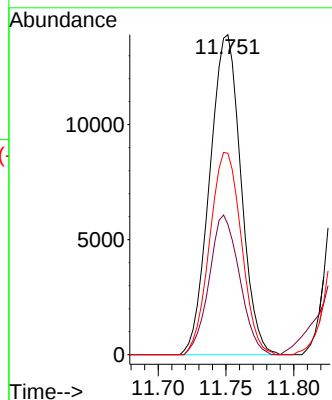
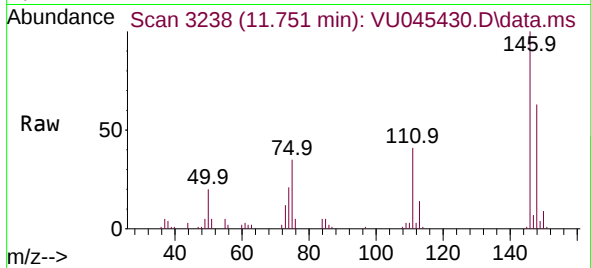




#64
1,3-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

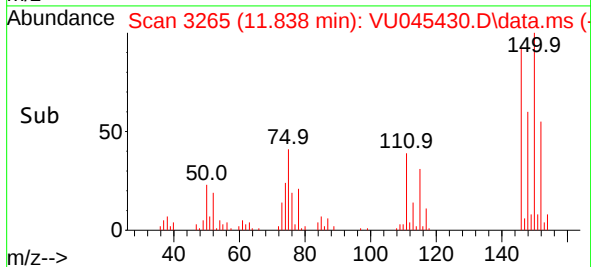
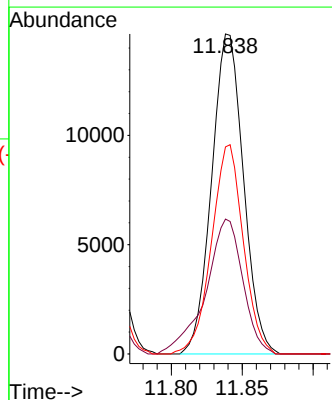
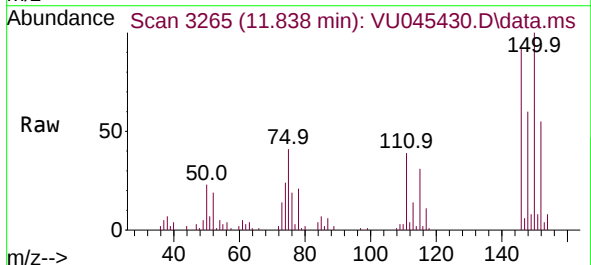
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

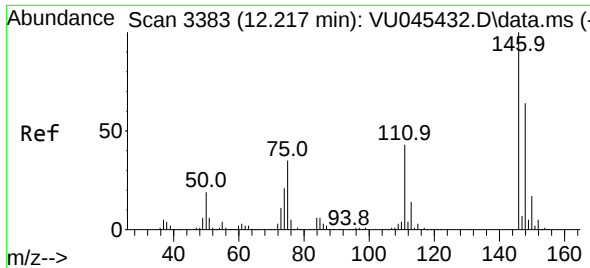
Tgt Ion:146 Resp: 22313
Ion Ratio Lower Upper
146 100
111 40.7 29.8 55.4
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.071 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:146 Resp: 22902
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.0
148 64.7 44.5 82.7

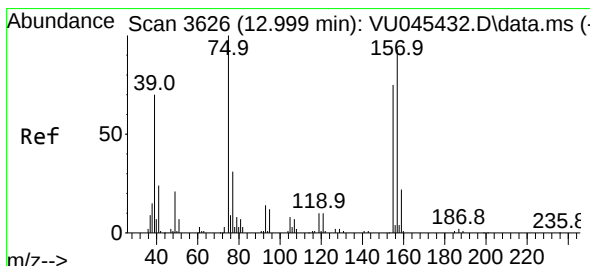
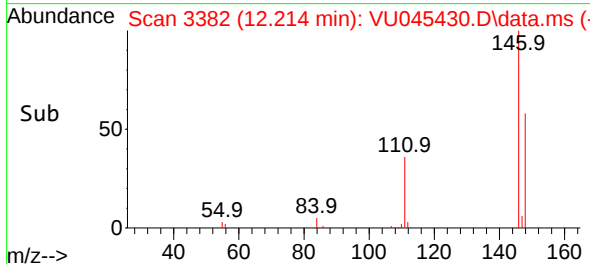
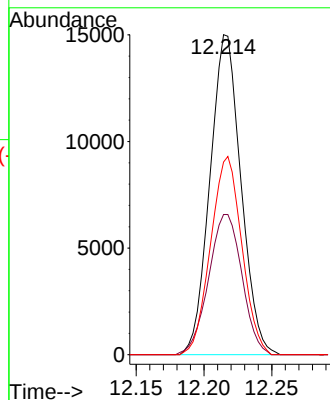
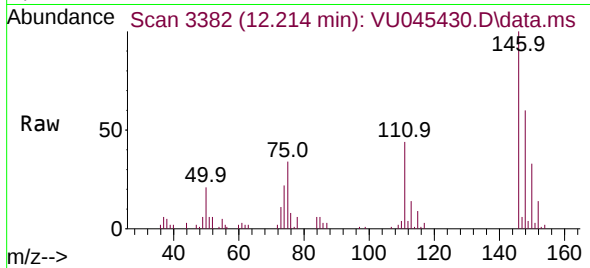




#67
1,2-Dichlorobenzene
Concen: 5.256 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

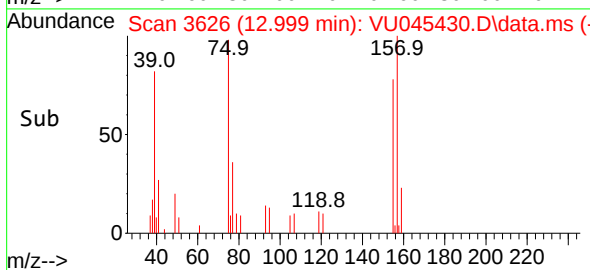
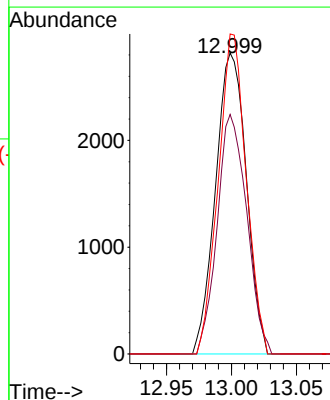
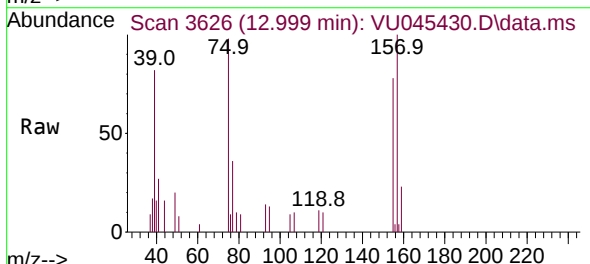
Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

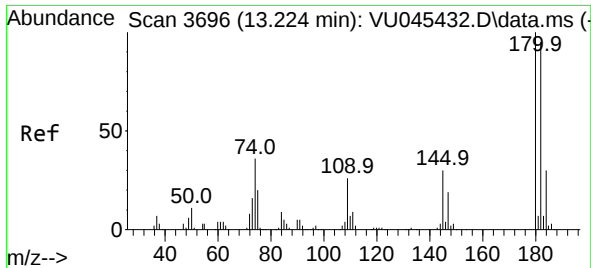
Tgt Ion:146 Resp: 23848
Ion Ratio Lower Upper
146 100
111 43.8 34.6 52.0
148 64.6 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.990 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion: 75 Resp: 4645
Ion Ratio Lower Upper
75 100
155 83.5 60.0 90.0
157 106.4 77.9 116.9

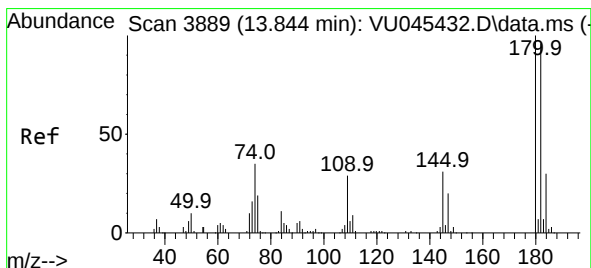
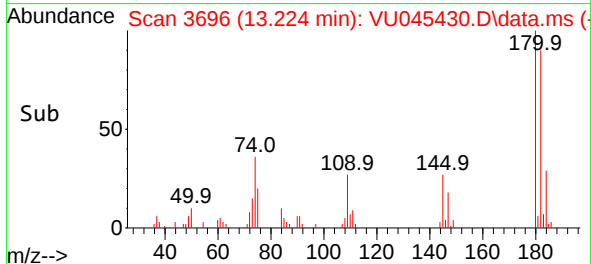
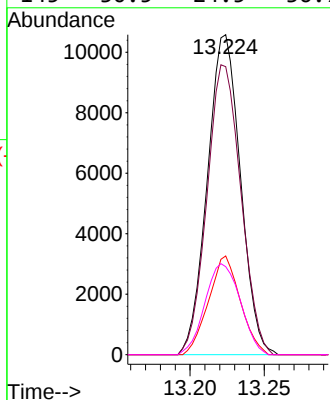
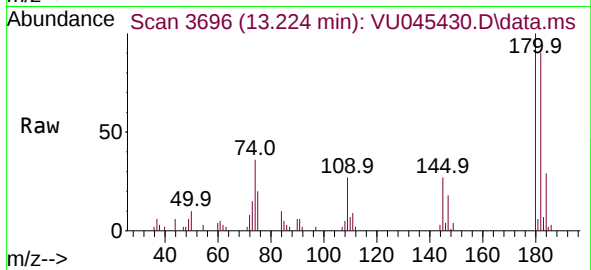




#69
 1,3,5-Trichlorobenzene
 Concen: 5.283 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045430.D
 Acq: 28 Oct 2021 10:30

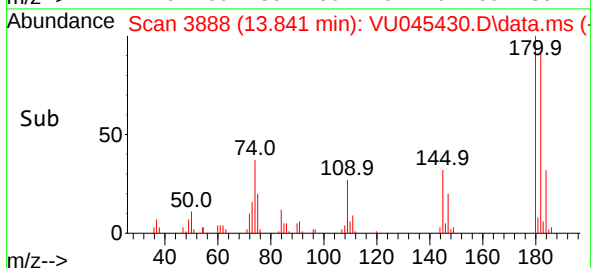
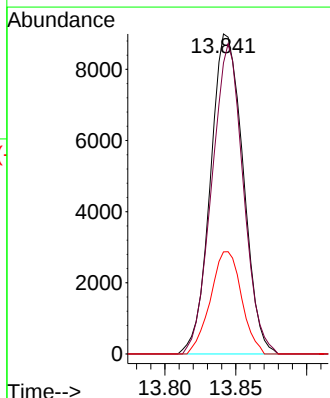
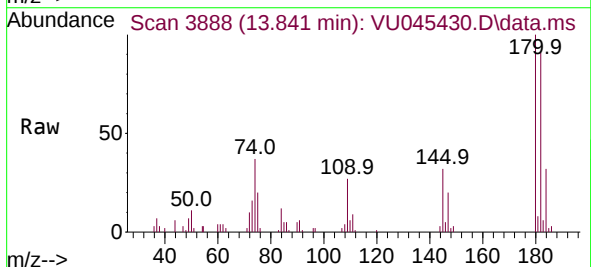
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005025

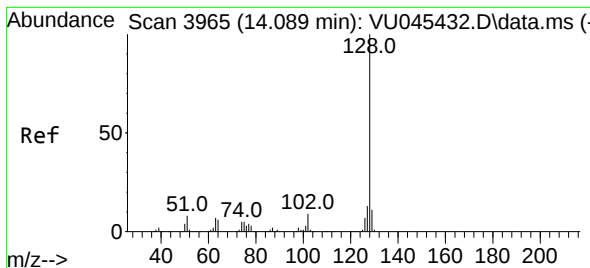
Tgt Ion:	180	Resp:	16383
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.6	114.8
184	29.6	23.9	35.9
145	30.5	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.460 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045430.D
 Acq: 28 Oct 2021 10:30

Tgt Ion:	180	Resp:	14397
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.1	114.1
145	30.4	25.3	37.9

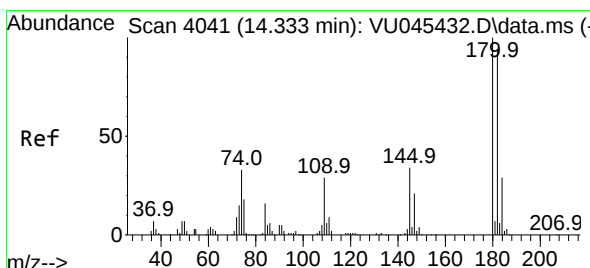
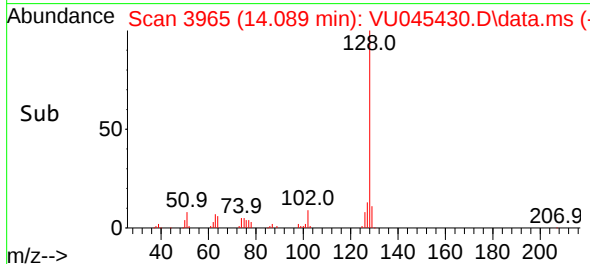
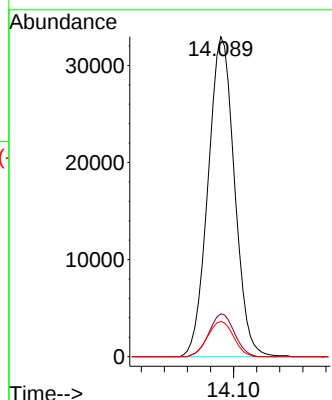
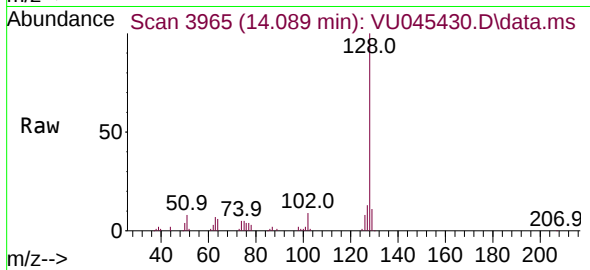




#71
Naphthalene
Concen: 5.772 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Instrument :
MSVOA_U
ClientSampleId :
VSTD005025

Tgt Ion:	128	Resp:	52470
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 5.748 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045430.D
Acq: 28 Oct 2021 10:30

Tgt Ion:	180	Resp:	15214
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.7	113.5
145	33.8	27.0	40.4

