

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045432.D
 Acq On : 28 Oct 2021 11:21
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050027

Quant Time: Oct 29 02:51:18 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	312311	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	149991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129460	80.427	ug/L	0.00
7) Chloroethane-d5	1.912	69	98683	68.670	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	229908	74.024	ug/L	0.00
21) 2-Butanone-d5	4.632	46	215416	105.044	ug/L	0.00
24) Chloroform-d	5.066	84	232915	60.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	151990	58.593	ug/L	0.00
32) Benzene-d6	5.732	84	461830	74.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	150391	65.021	ug/L	0.00
41) Toluene-d8	7.902	98	404311	75.222	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	71233	61.743	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	164344	117.967	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	229826	54.988	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	153736	56.681	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	139175	57.958	ug/L	100
3) Chloromethane	1.520	50	164146	59.984	ug/L	100
5) Vinyl chloride	1.604	62	158204	53.820	ug/L	100
6) Bromomethane	1.861	94	81410	52.557	ug/L	100
8) Chloroethane	1.935	64	86564	48.246	ug/L	100
9) Trichlorofluoromethane	2.137	101	185514	52.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	112006	50.165	ug/L	100
12) 1,1-Dichloroethene	2.581	96	107776	51.977	ug/L	100
13) Acetone	2.642	43	164578	73.416	ug/L	100
14) Carbon disulfide	2.796	76	307371	53.512	ug/L	100
15) Methyl Acetate	2.954	43	147538	49.786	ug/L	100
16) Methylene chloride	3.047	84	130590	49.256	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	114440	51.408	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	406561	52.532	ug/L	100
19) 1,1-Dichloroethane	3.874	63	231387	51.080	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	131852	51.876	ug/L	100
22) 2-Butanone	4.713	43	234356	91.500	ug/L	100
23) Bromochloromethane	4.980	128	62555	50.311	ug/L	100
25) Chloroform	5.092	83	229739	50.158	ug/L	100
27) 1,2-Dichloroethane	5.796	62	189254	51.347	ug/L	100
29) Cyclohexane	5.391	56	213409	58.512	ug/L	100
30) 1,1,1-Trichloroethane	5.320	97	190179	53.565	ug/L	100
31) Carbon tetrachloride	5.529	117	148395	54.059	ug/L	100
33) Benzene	5.777	78	518579	55.107	ug/L	100
34) Trichloroethene	6.546	95	124084	53.786	ug/L	100
35) Methylcyclohexane	6.767	83	215341	58.097	ug/L	100
37) 1,2-Dichloropropane	6.793	63	136536	53.658	ug/L	100
38) Bromodichloromethane	7.108	83	171331	52.201	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	212339	55.477	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	412781	106.903	ug/L	100
42) Toluene	7.973	91	541769	55.161	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	200474	54.971	ug/L	100

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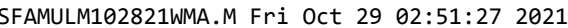
Instrument :
 MSVOA_U
 ClientSampleId :
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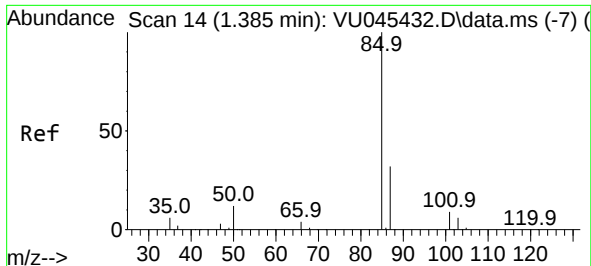
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 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	127734	52.646	ug/L	100
46) Tetrachloroethene	8.555	164	87442	54.333	ug/L	100
48) 2-Hexanone	8.690	43	347973	107.352	ug/L	100
49) Dibromochloromethane	8.812	129	124097	52.466	ug/L	100
50) 1,2-Dibromoethane	8.928	107	134784	53.617	ug/L	100
51) Chlorobenzene	9.449	112	324520	52.584	ug/L	100
52) Ethylbenzene	9.574	91	572662	54.060	ug/L	100
53) m,p-Xylene	9.697	106	223446	55.302	ug/L	100
54) o-xylene	10.102	106	220292	54.553	ug/L	100
55) Styrene	10.118	104	377020	55.237	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	231999	53.655	ug/L	100
59) Bromoform	10.295	173	88207	52.326	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	185257	52.399	ug/L	100
61) Isopropylbenzene	10.487	105	562773	53.536	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	487940	55.872	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	500278	56.446	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	248049	52.247	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	248052	51.557	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	257248	53.215	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	53773	54.224	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	179811	54.425	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	163466	58.192	ug/L	100
71) Naphthalene	14.089	128	649395	67.056	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	170691	60.526	ug/L	100

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

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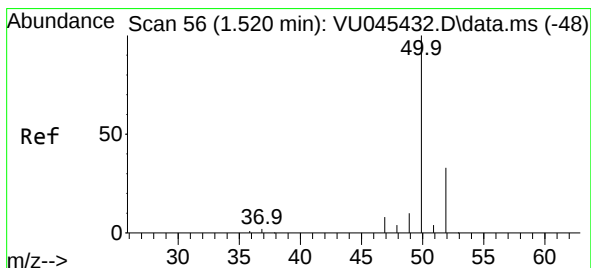
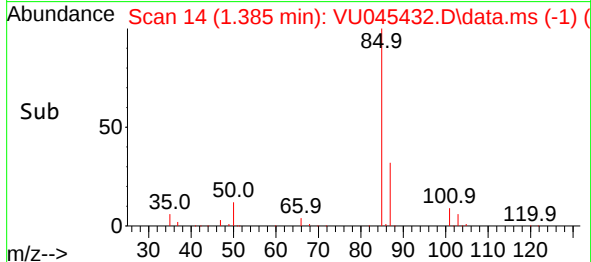
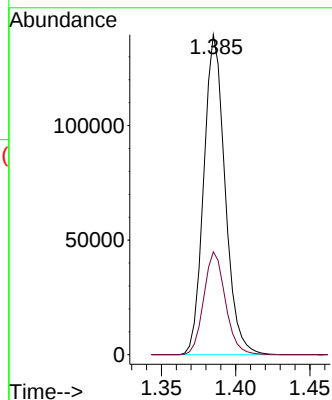
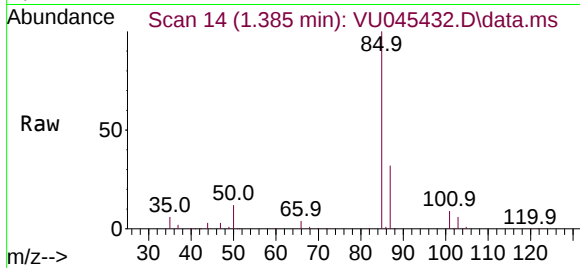




#2
Dichlorodifluoromethane
Concen: 57.958 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

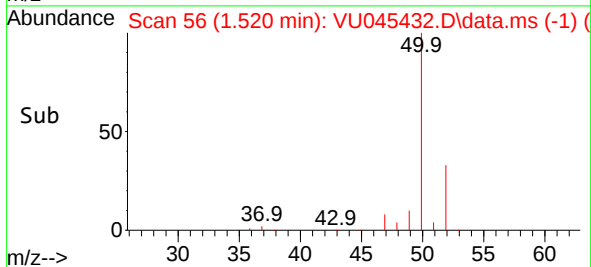
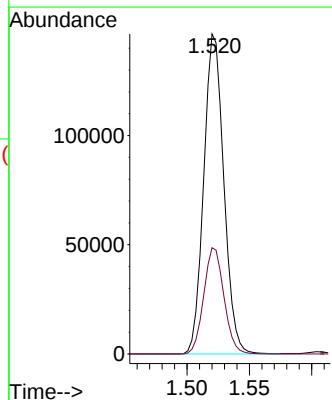
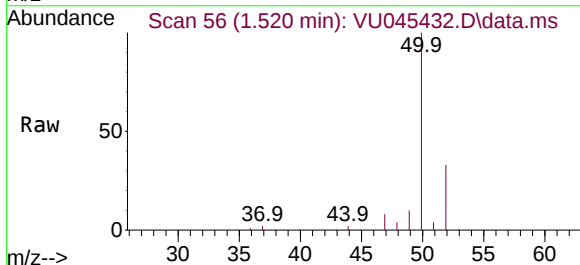
Instrument :
MSVOA_U
ClientSampleId :
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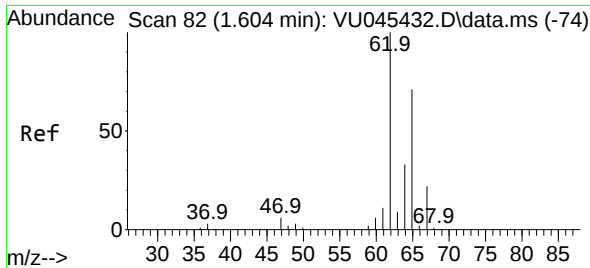
Tgt Ion: 85 Resp: 139175
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 59.984 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 50 Resp: 164146
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

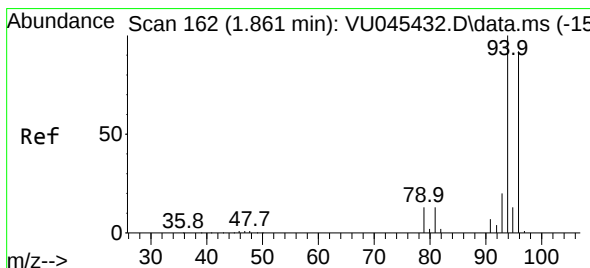
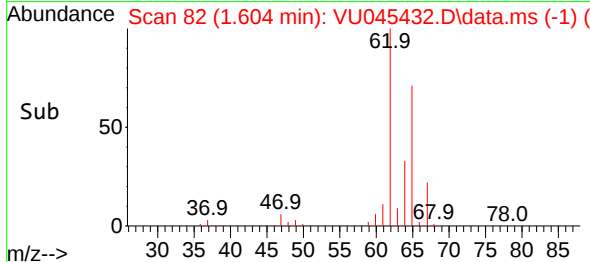
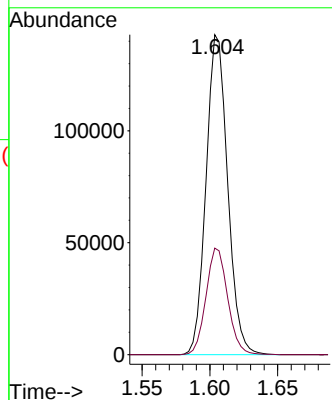
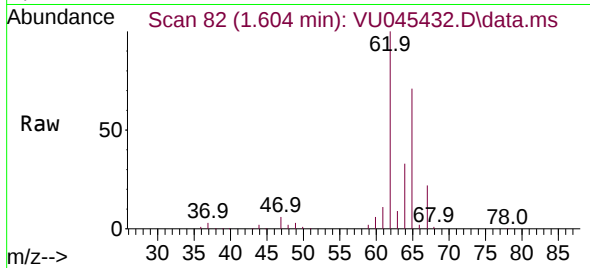




#5
 Vinyl chloride
 Concen: 53.820 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

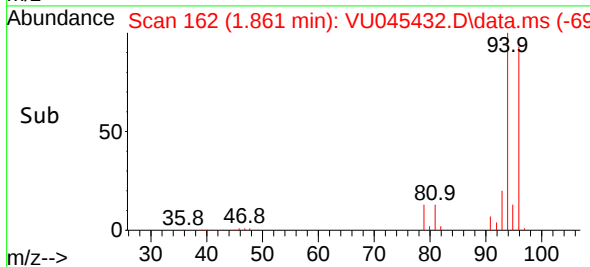
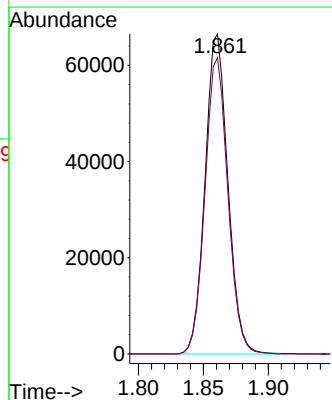
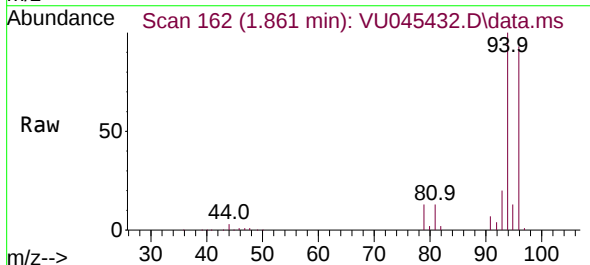
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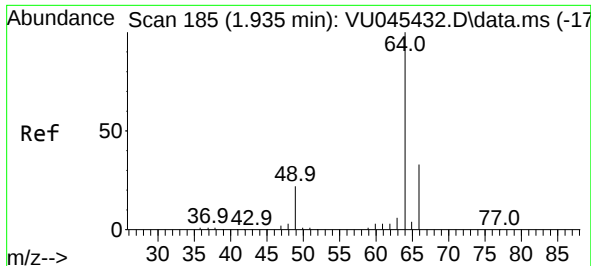
Tgt Ion: 62 Resp: 158204
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 52.557 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

Tgt Ion: 94 Resp: 81410
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

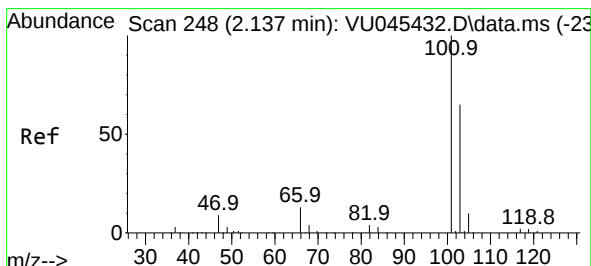
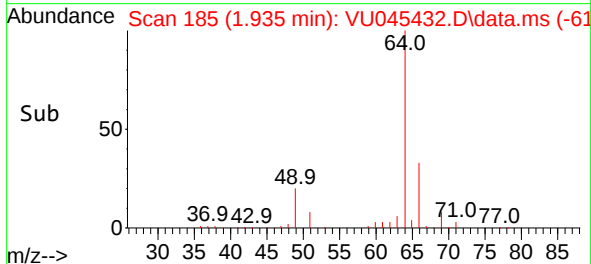
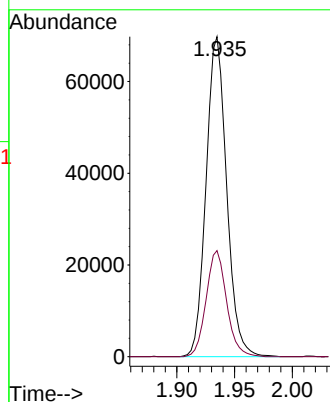
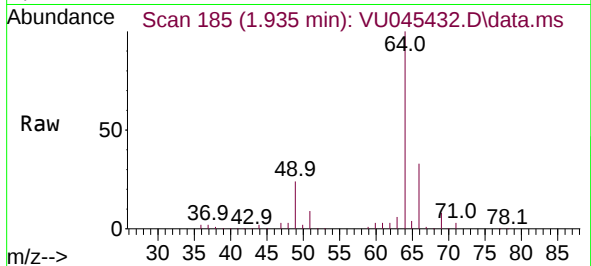




#8
Chloroethane
Concen: 48.246 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

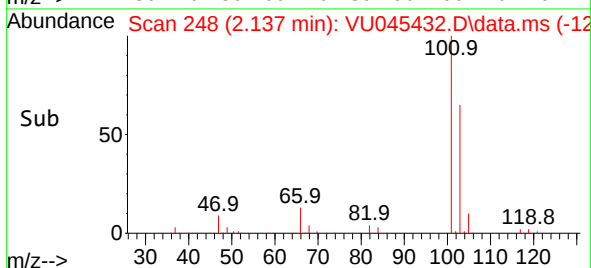
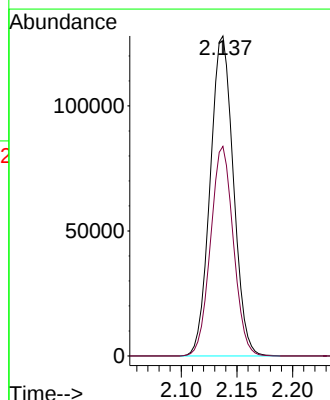
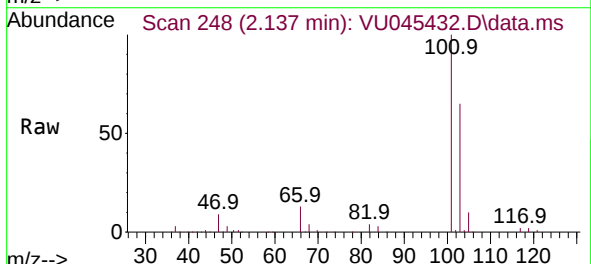
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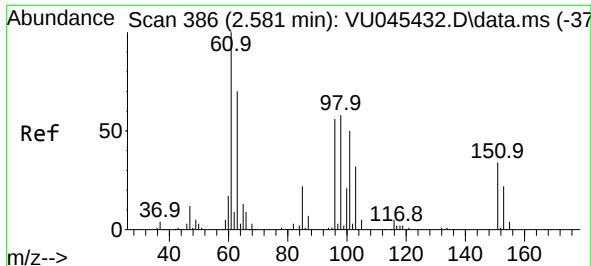
Tgt Ion: 64 Resp: 86564
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 52.125 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:101 Resp: 185514
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

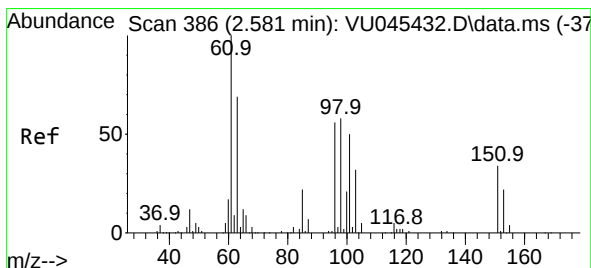
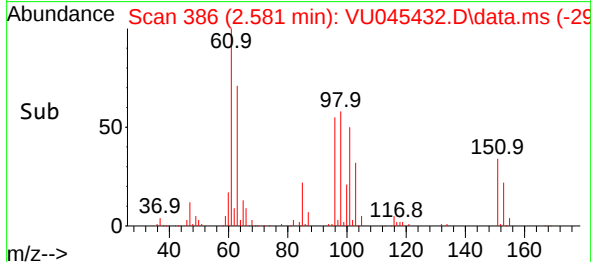
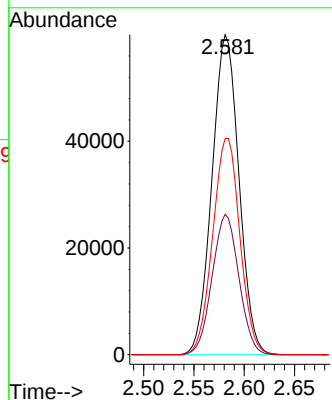
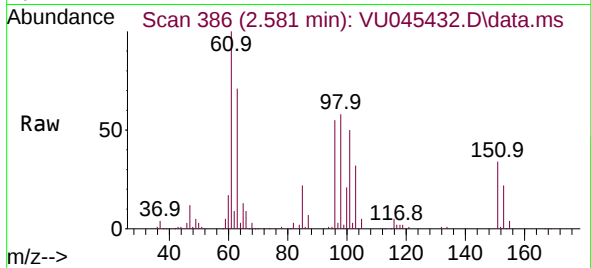




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.165 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

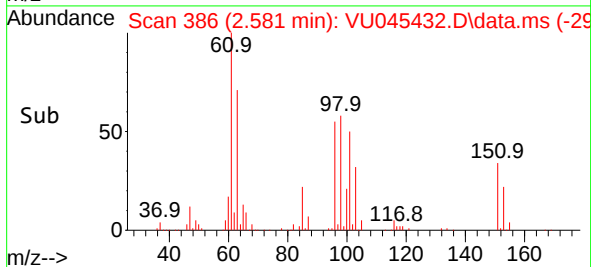
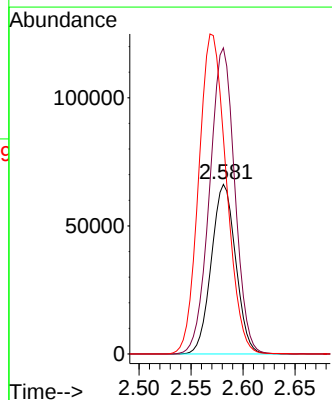
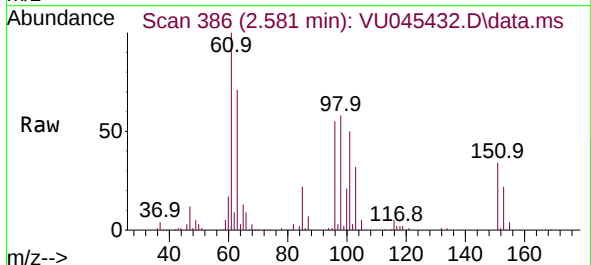
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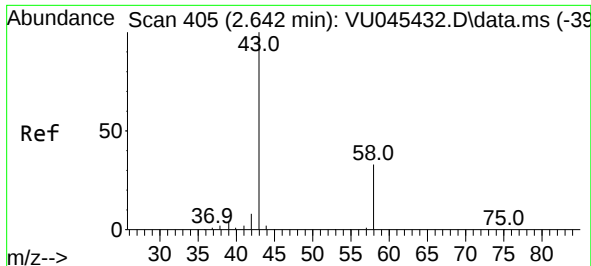
Tgt Ion:101 Resp: 112006
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 51.977 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

Tgt Ion: 96 Resp: 107776
 Ion Ratio Lower Upper
 96 100
 61 180.4 126.3 234.5
 63 127.5 89.2 165.8

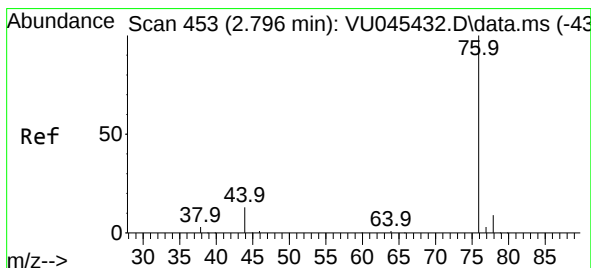
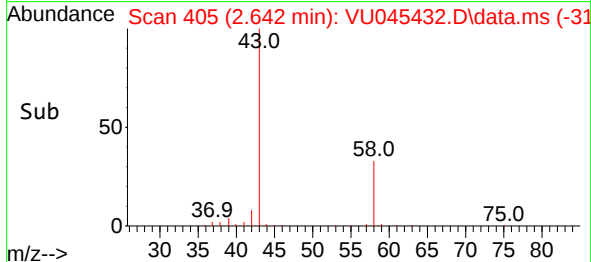
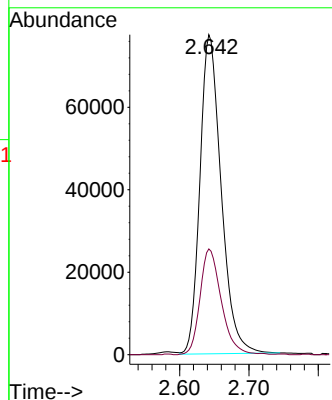
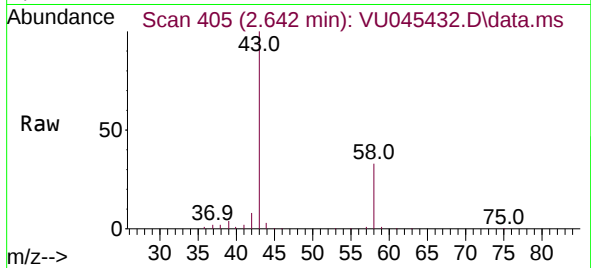




#13
Acetone
Concen: 73.416 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

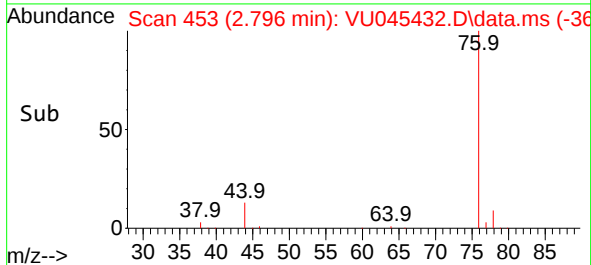
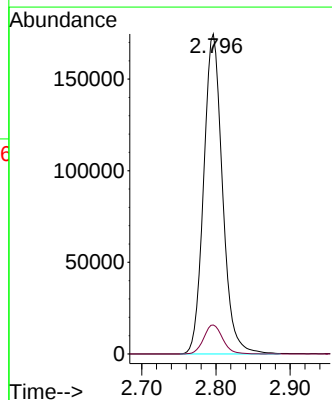
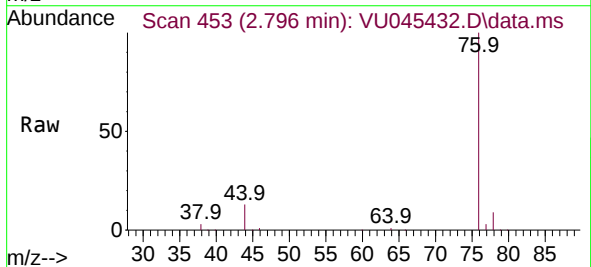
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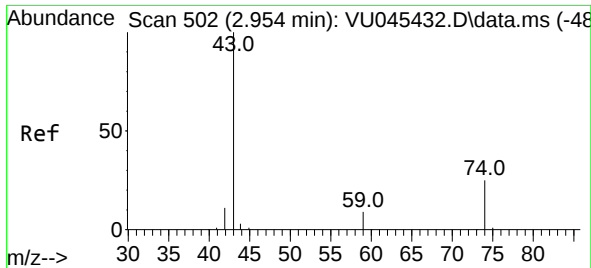
Tgt Ion: 43 Resp: 164578
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.2



#14
Carbon disulfide
Concen: 53.512 ug/L
RT: 2.796 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 76 Resp: 307371
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

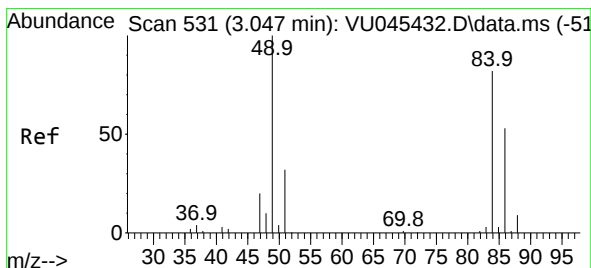
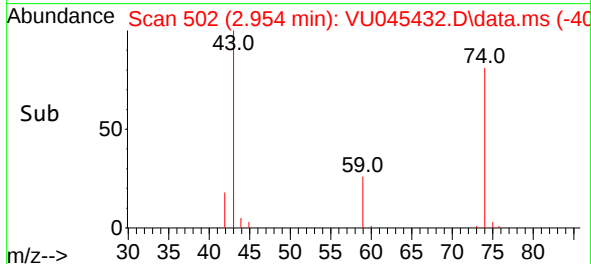
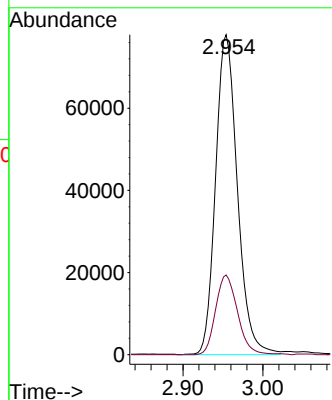
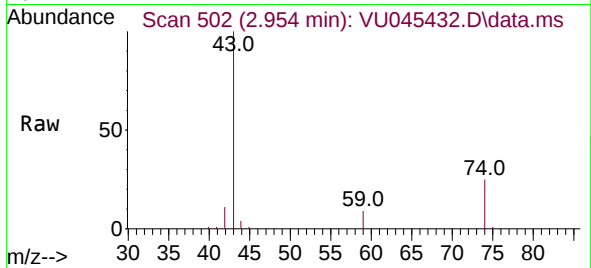




#15
Methyl Acetate
Concen: 49.786 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

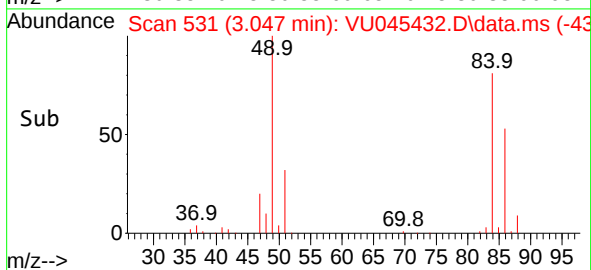
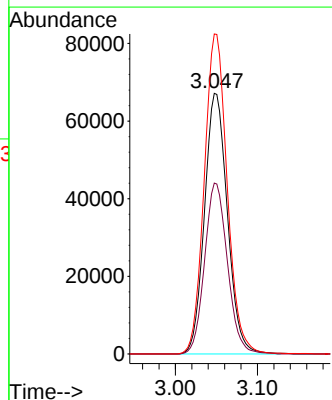
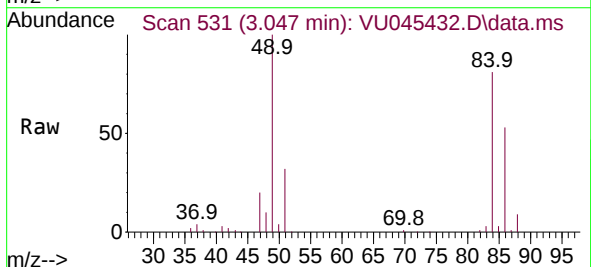
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

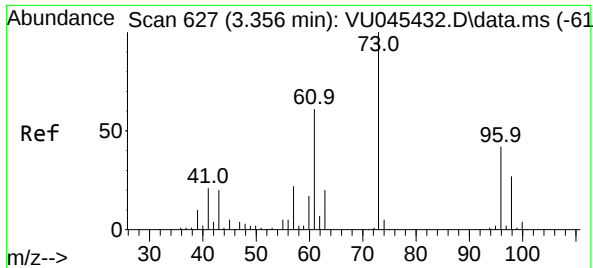
Tgt Ion: 43 Resp: 147538
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 49.256 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 84 Resp: 130590
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 122.7 85.9 159.5

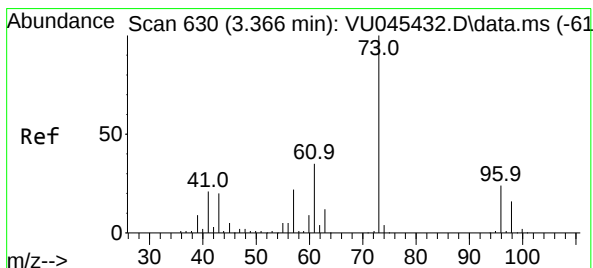
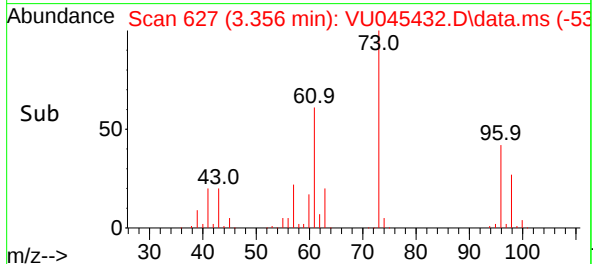
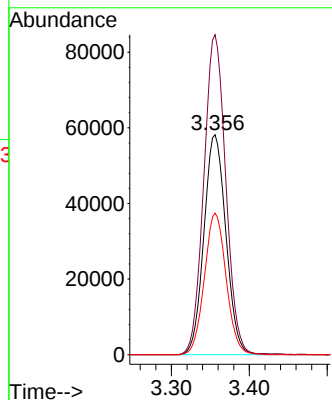
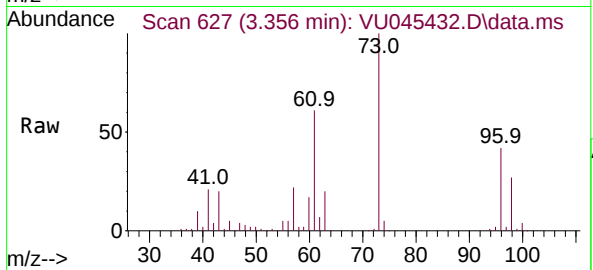




#17
trans-1,2-Dichloroethene
Concen: 51.408 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

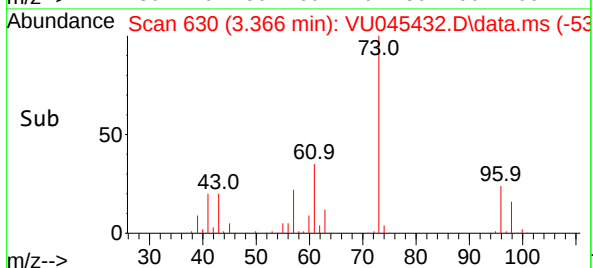
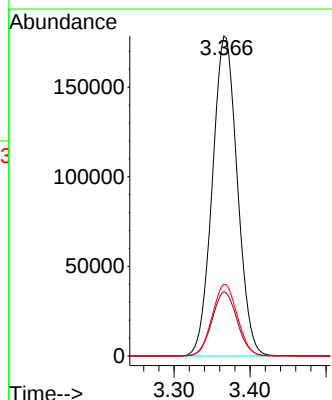
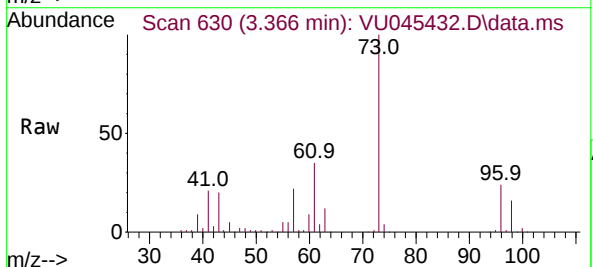
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

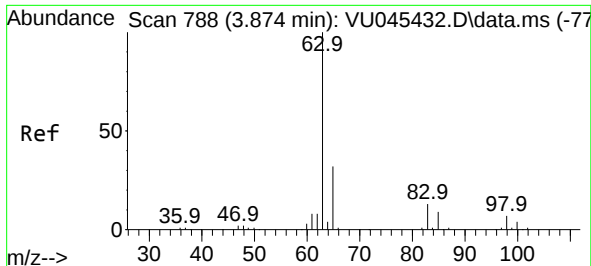
Tgt Ion: 96 Resp: 114440
Ion Ratio Lower Upper
96 100
61 145.5 101.8 189.2
98 64.4 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 52.532 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 73 Resp: 406561
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 51.080 ug/L

RT: 3.874 min Scan# 788

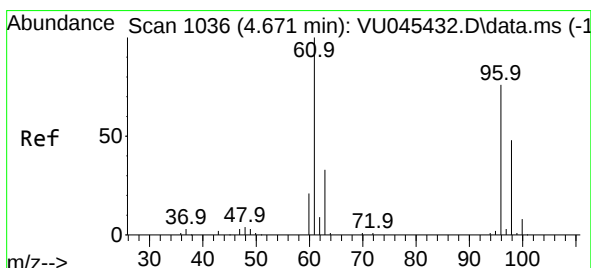
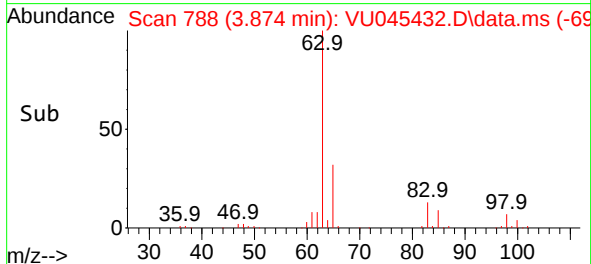
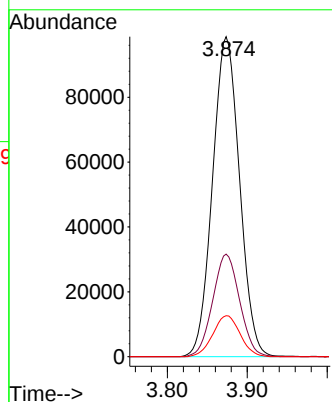
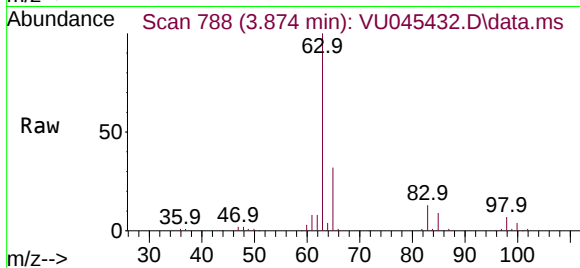
Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

Tgt Ion: 63 Resp: 231387

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	12.8	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 51.876 ug/L

RT: 4.671 min Scan# 1036

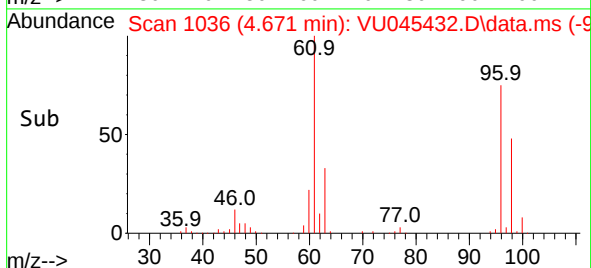
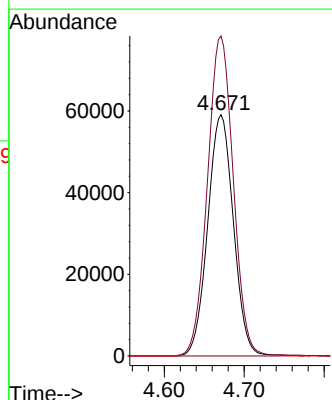
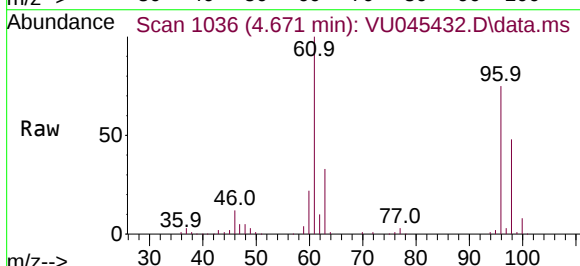
Delta R.T. 0.000 min

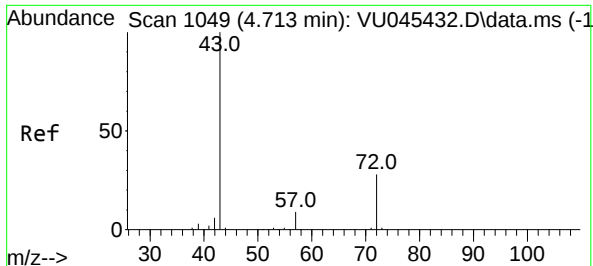
Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

Tgt Ion: 96 Resp: 131852

Ion	Ratio	Lower	Upper
96	100		
61	132.6	92.8	172.4
68	0.0	0.0	0.0

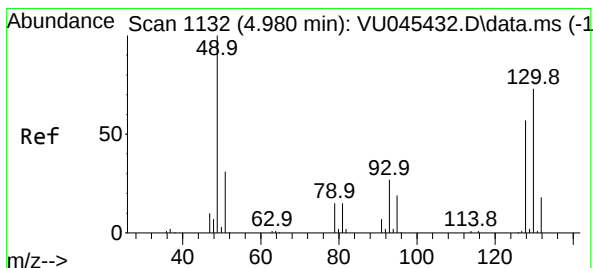
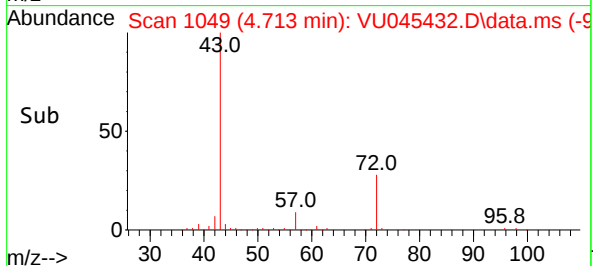
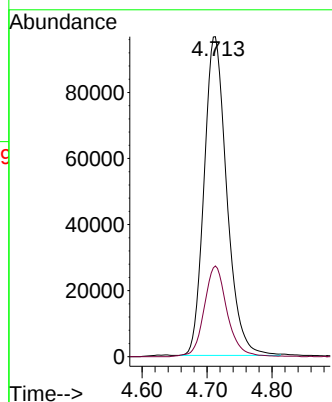
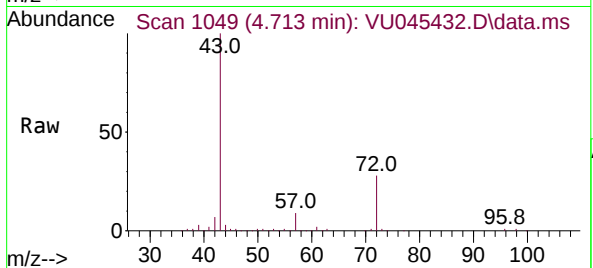




#22
2-Butanone
Concen: 91.500 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

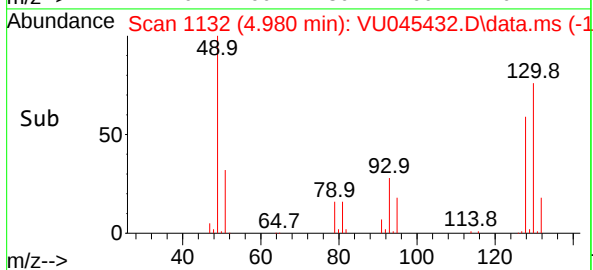
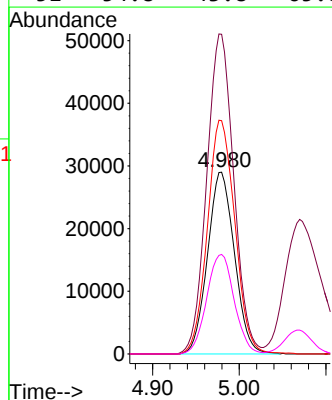
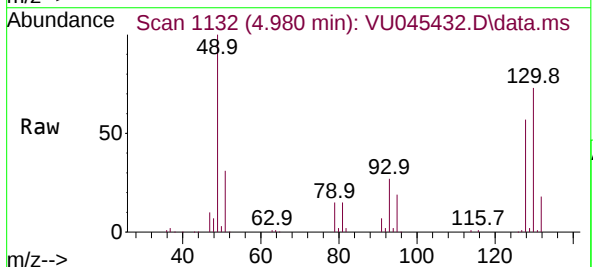
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

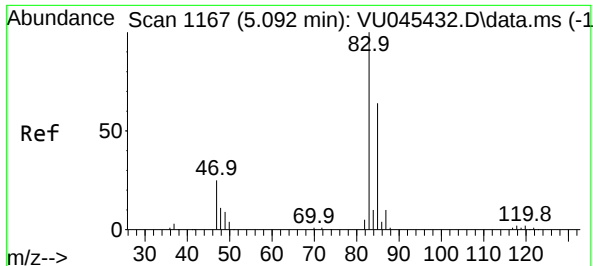
Tgt Ion: 43 Resp: 234356
Ion Ratio Lower Upper
43 100
72 28.8 14.4 43.2



#23
Bromochloromethane
Concen: 50.311 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 128 Resp: 62555
Ion Ratio Lower Upper
128 100
49 175.8 123.1 228.5
130 128.3 89.8 166.8
51 54.8 43.8 65.8





#25

Chloroform

Concen: 50.158 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

Instrument :

MSVOA_U

ClientSampleId :

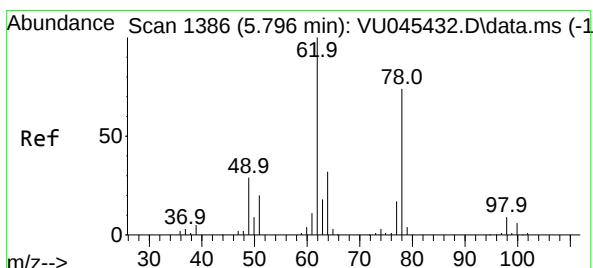
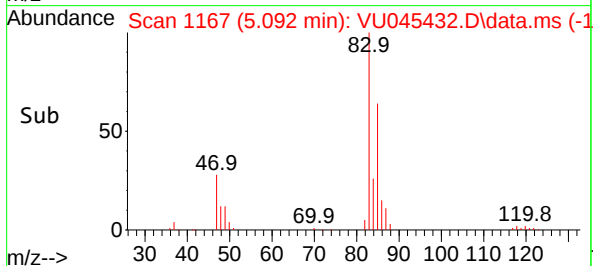
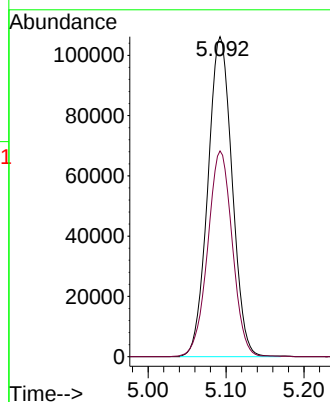
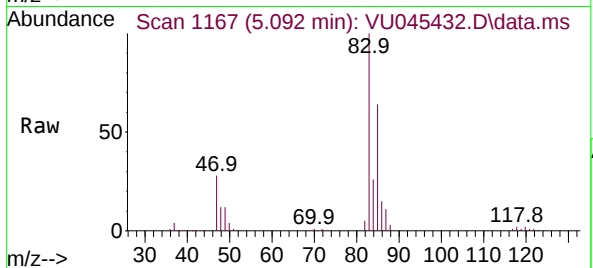
VSTD050027

Tgt Ion: 83 Resp: 229739

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6



#27

1,2-Dichloroethane

Concen: 51.347 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU045432.D

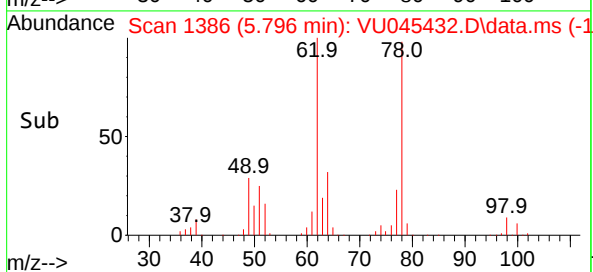
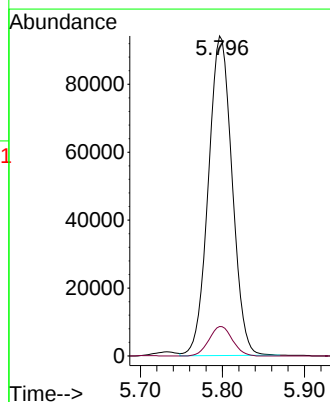
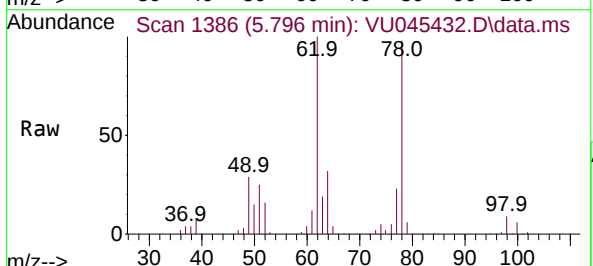
Acq: 28 Oct 2021 11:21

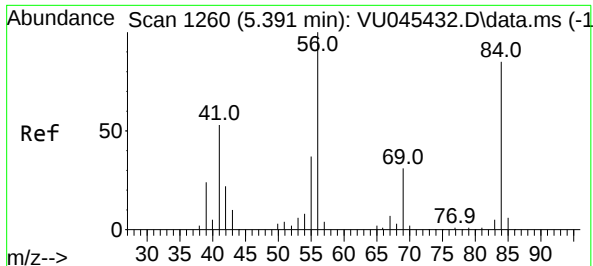
Tgt Ion: 62 Resp: 189254

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 58.512 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

Instrument :

MSVOA_U

ClientSampleId :

VSTD050027

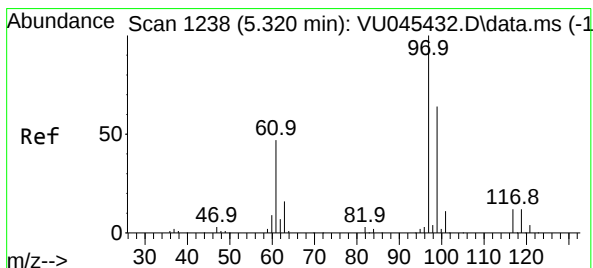
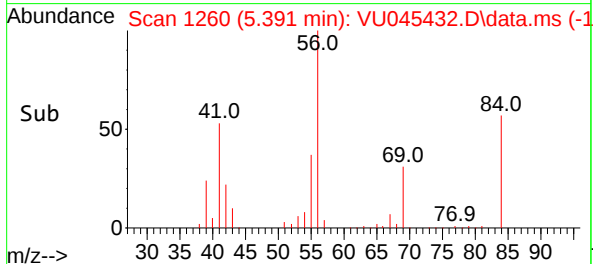
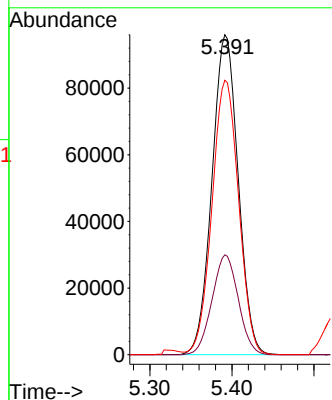
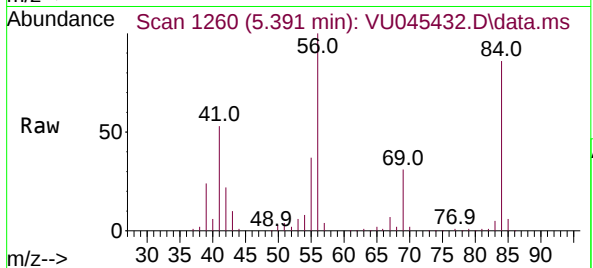
Tgt Ion: 56 Resp: 213409

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 87.4 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 53.565 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

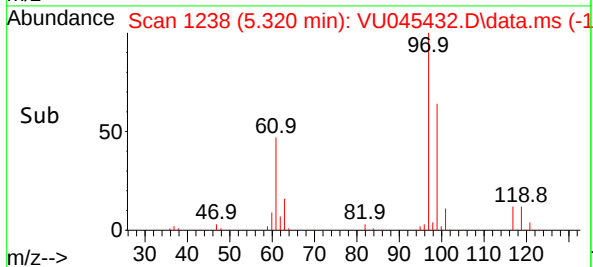
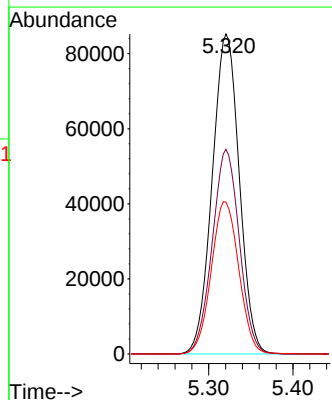
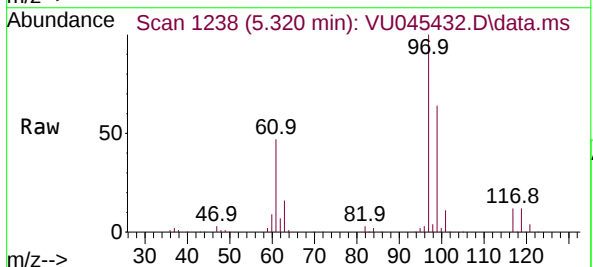
Tgt Ion: 97 Resp: 190179

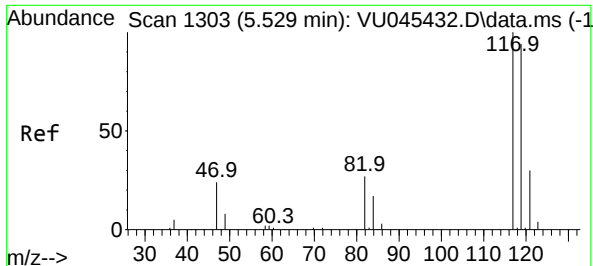
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 48.5 38.8 58.2

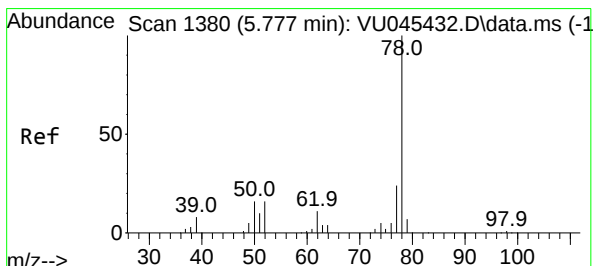
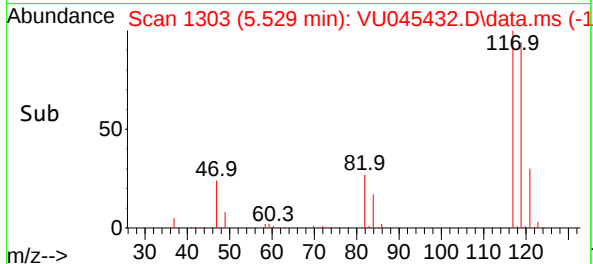
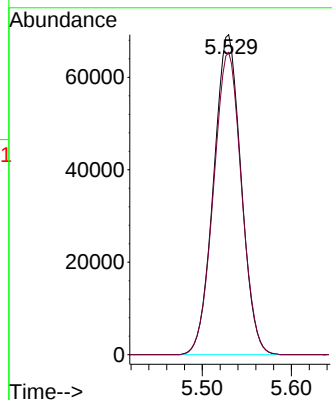
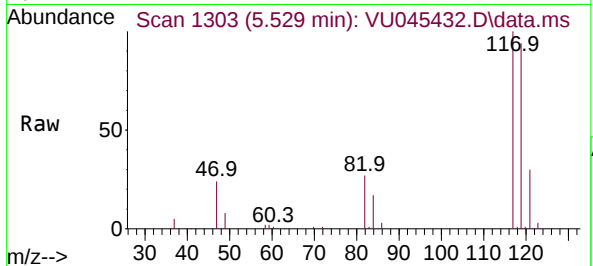




#31
Carbon tetrachloride
Concen: 54.059 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

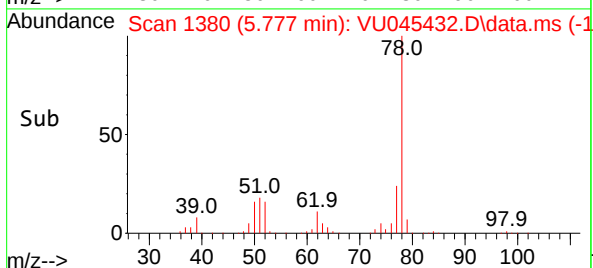
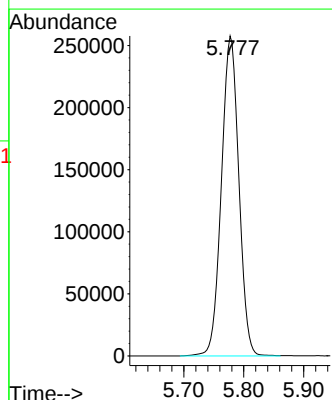
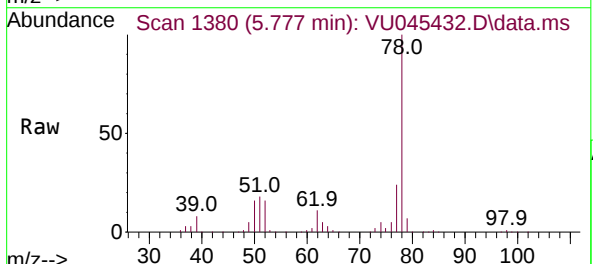
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

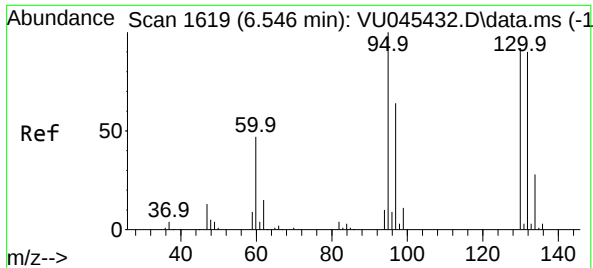
Tgt Ion:117 Resp: 148395
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#33
Benzene
Concen: 55.107 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 78 Resp: 518579

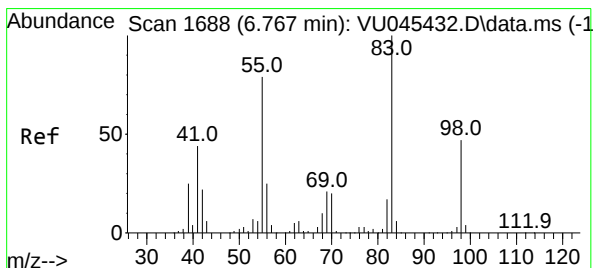
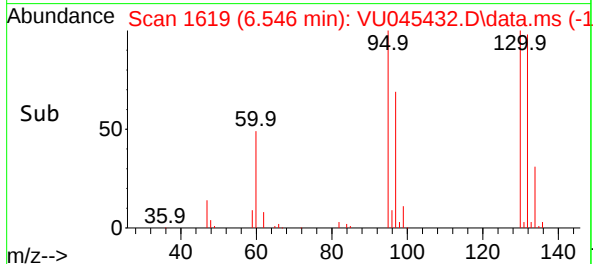
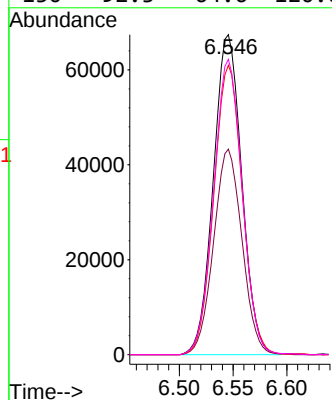
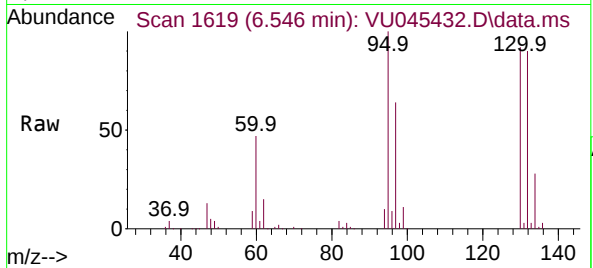




#34
Trichloroethene
Concen: 53.786 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

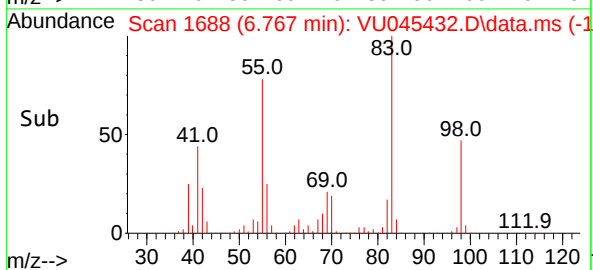
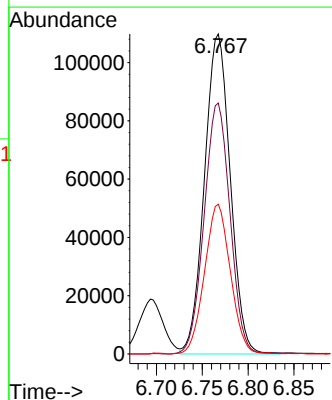
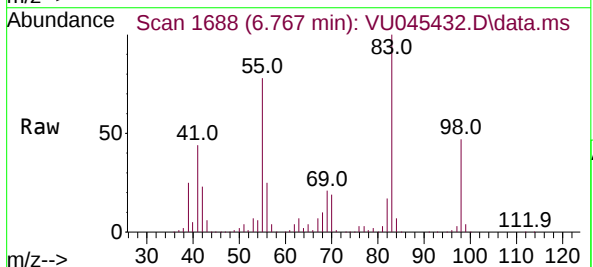
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

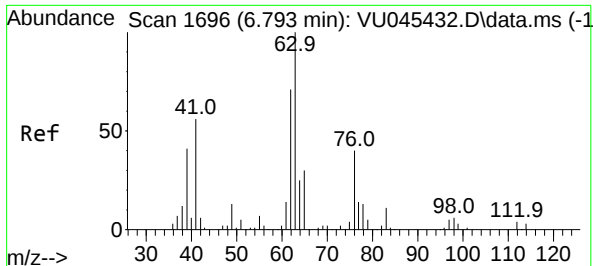
Tgt Ion: 95 Resp: 124084
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 90.5 63.3 117.7
130 92.3 64.6 120.0



#35
Methylcyclohexane
Concen: 58.097 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 83 Resp: 215341
Ion Ratio Lower Upper
83 100
55 78.5 62.8 94.2
98 46.8 37.4 56.2



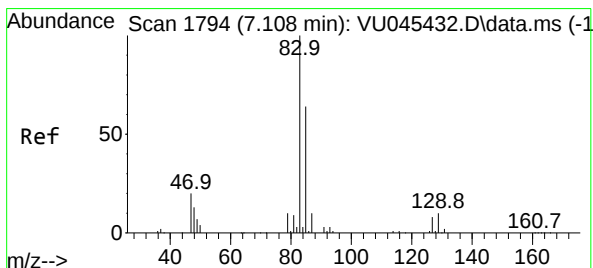
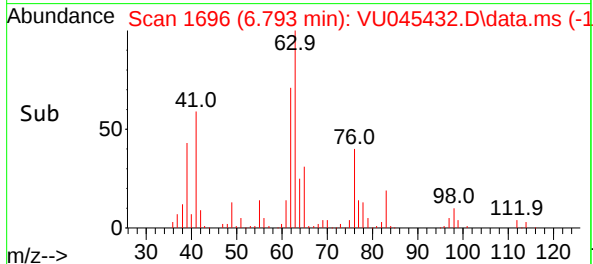
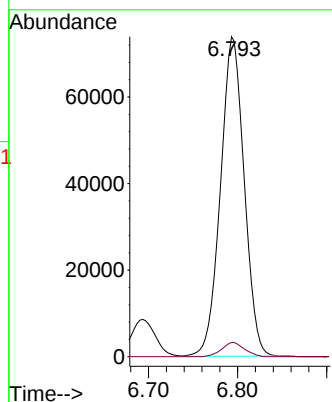
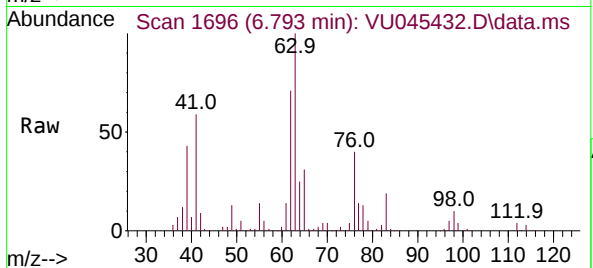


#37

1,2-Dichloropropane
Concen: 53.658 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Instrument :
MSVOA_U
ClientSampled :
VSTD050027

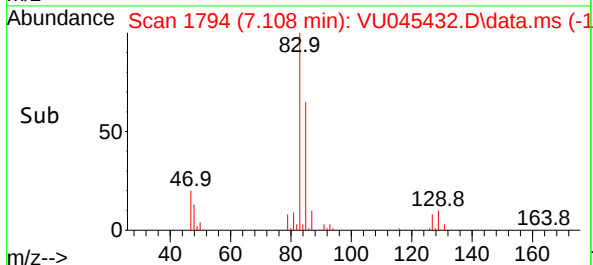
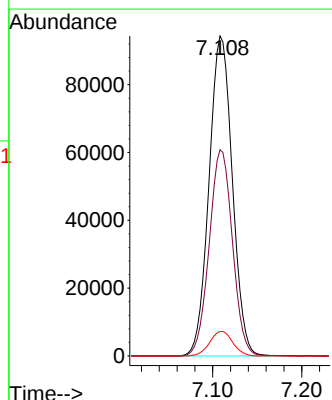
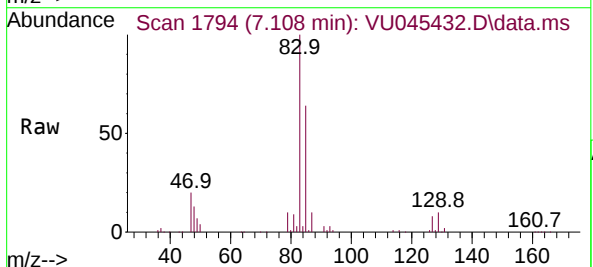
Tgt Ion: 63 Resp: 136536
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2

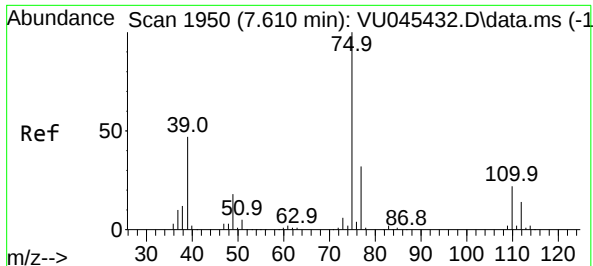


#38

Bromodichloromethane
Concen: 52.201 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 83 Resp: 171331
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9
127 7.7 6.2 9.2



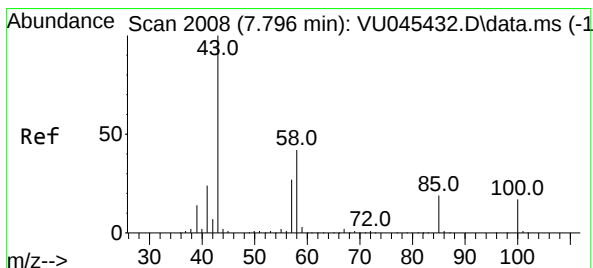
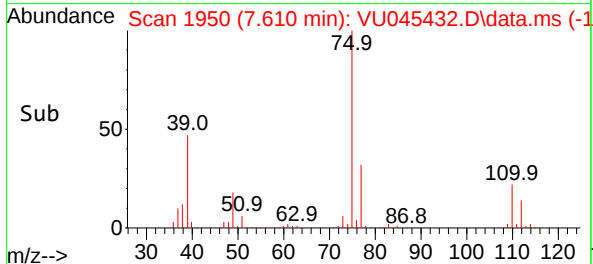
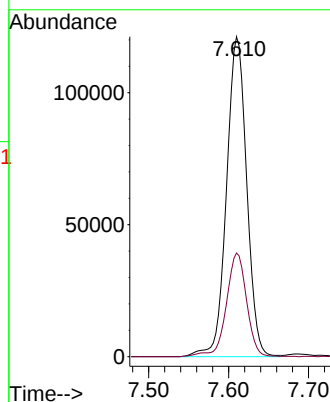
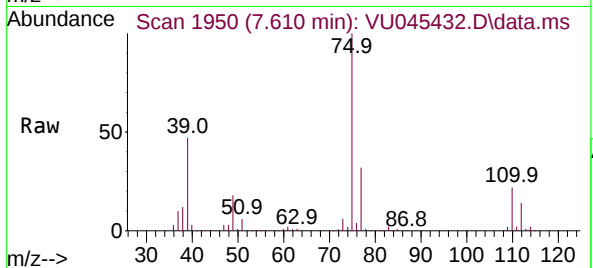


#39

cis-1,3-Dichloropropene
Concen: 55.477 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

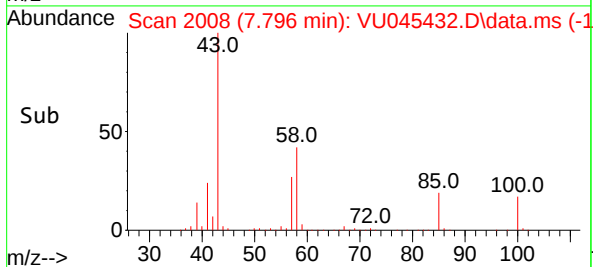
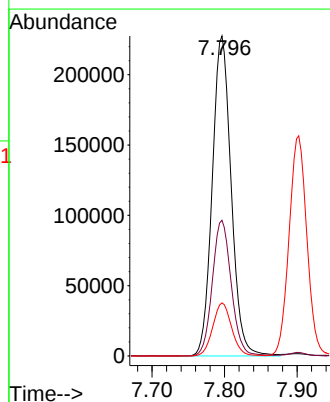
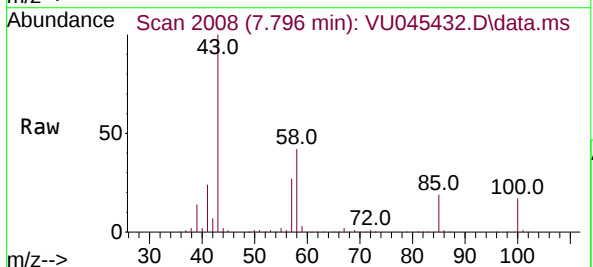
Tgt Ion: 75 Resp: 212339
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1

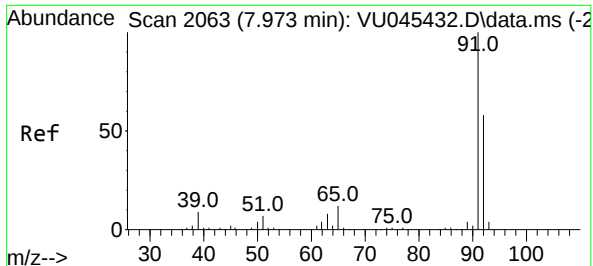


#40

4-Methyl-2-pentanone
Concen: 106.903 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 43 Resp: 412781
Ion Ratio Lower Upper
43 100
58 42.4 33.9 50.9
100 16.6 13.3 19.9

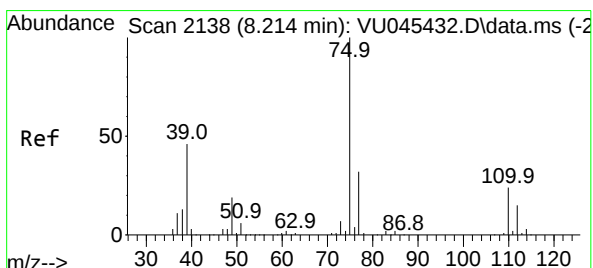
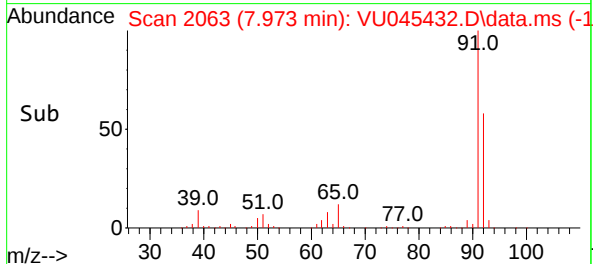
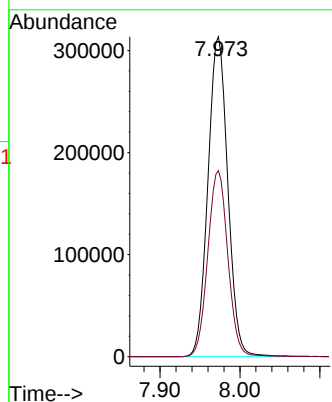
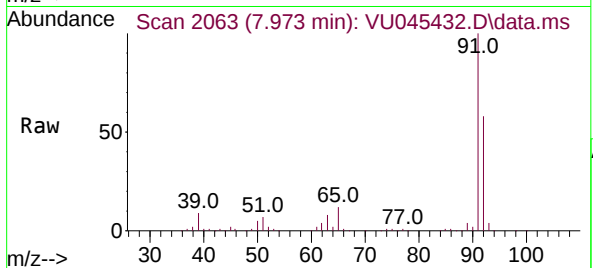




#42
Toluene
Concen: 55.161 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

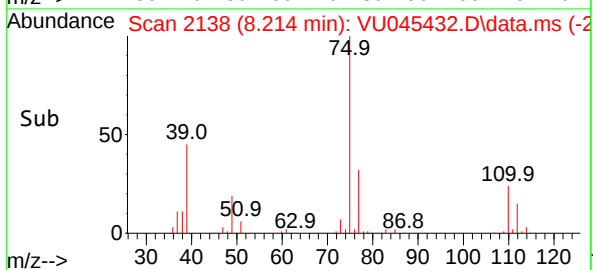
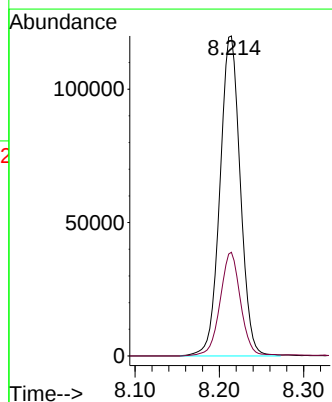
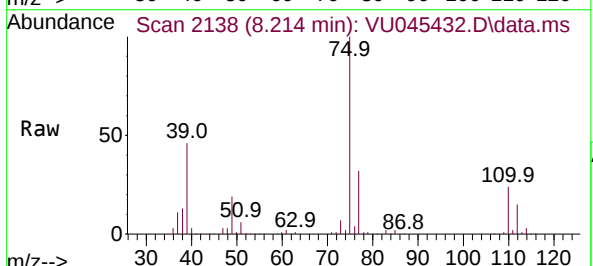
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

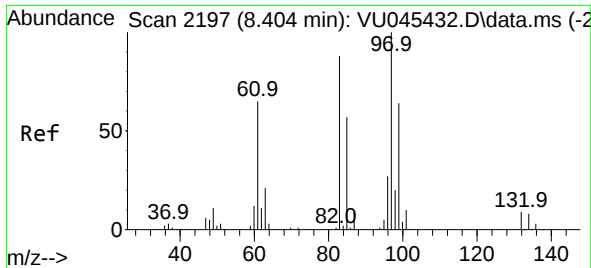
Tgt Ion: 91 Resp: 541769
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 54.971 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 75 Resp: 200474
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1

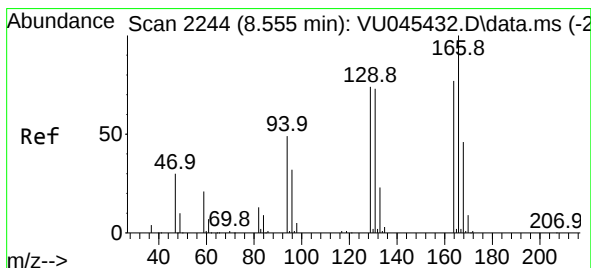
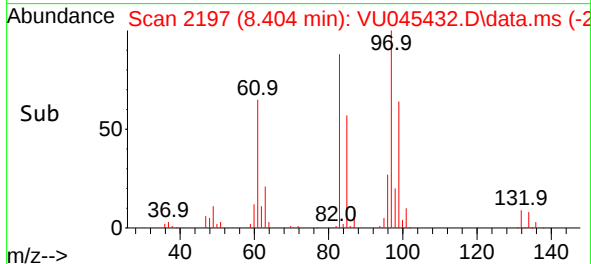
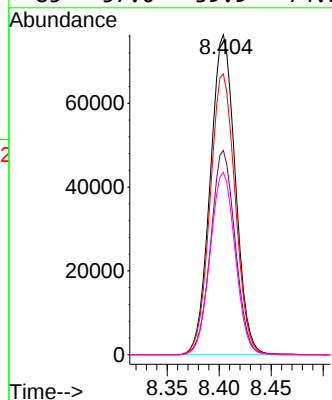
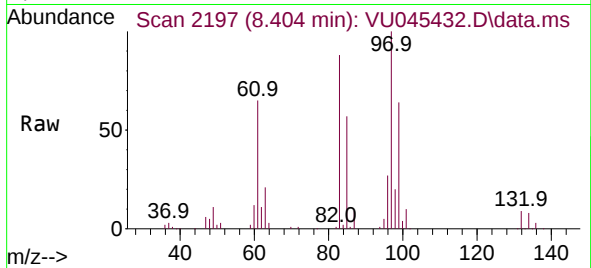




#45
1,1,2-Trichloroethane
Concen: 52.646 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

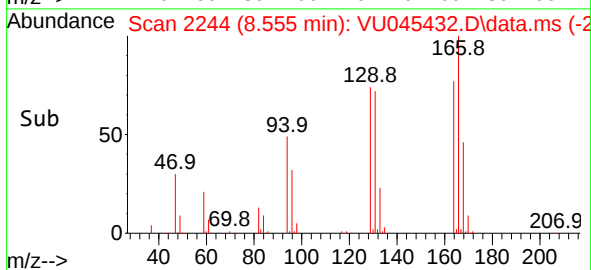
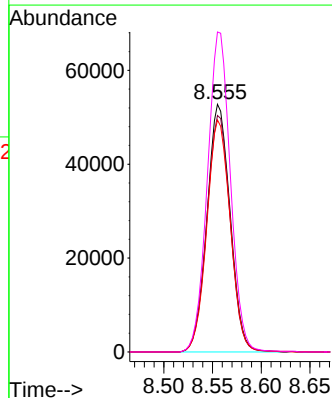
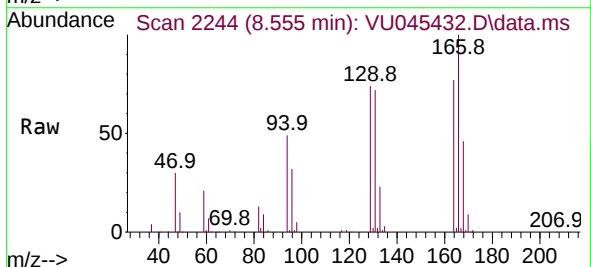
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

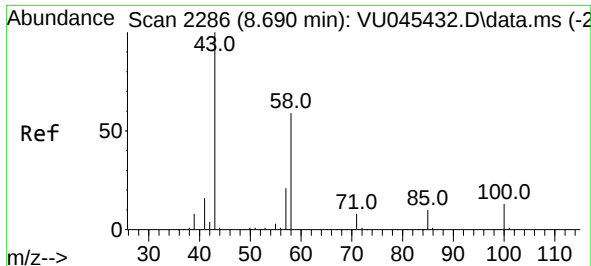
Tgt Ion:	97	Resp:	127734
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	87.8	61.5	114.1
85	57.0	39.9	74.1



#46
Tetrachloroethene
Concen: 54.333 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:	164	Resp:	87442
Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.8	124.2
131	93.7	65.6	121.8
166	129.2	90.4	168.0



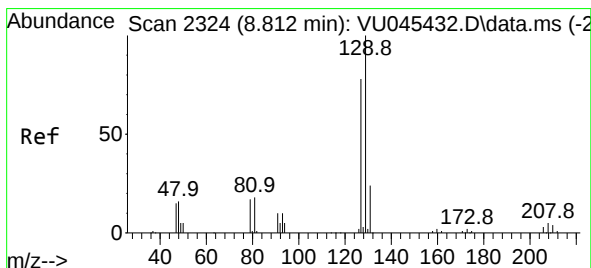
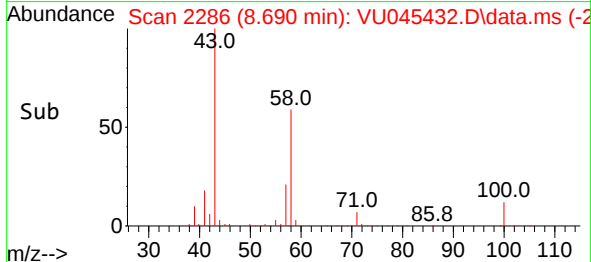
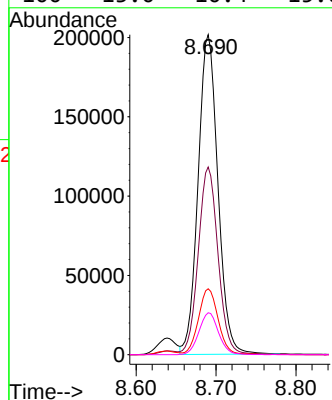
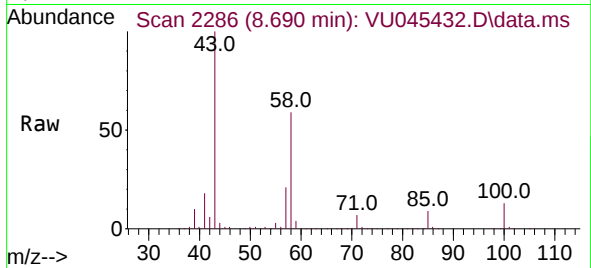


#48
2-Hexanone
Concen: 107.352 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

Tgt Ion: 43 Resp: 347973

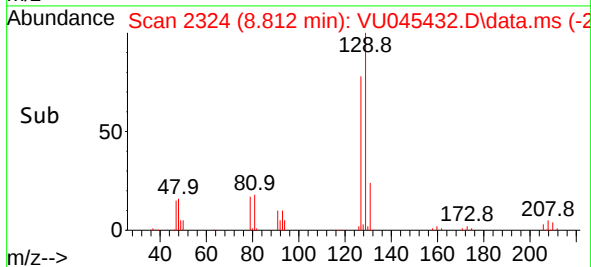
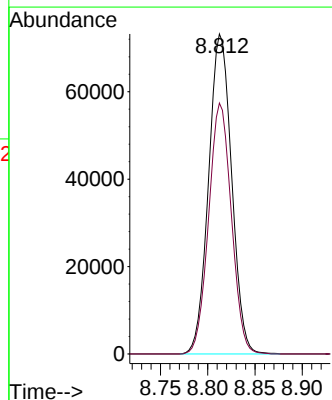
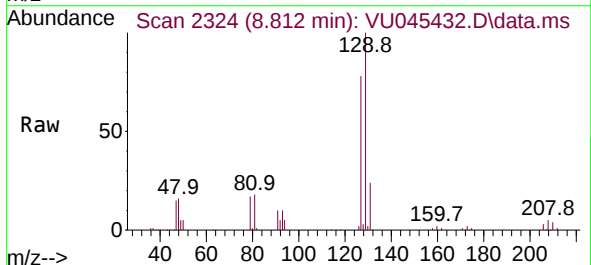
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.0	70.4
57	20.4	16.3	24.5
100	13.0	10.4	15.6

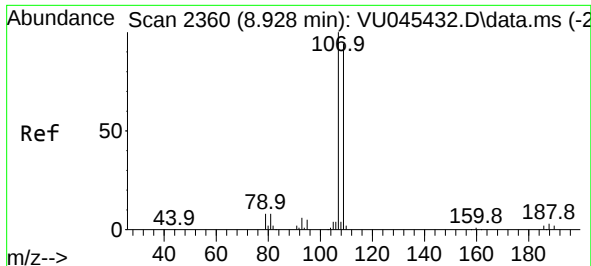


#49
Dibromochloromethane
Concen: 52.466 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 129 Resp: 124097

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9





#50

1,2-Dibromoethane

Concen: 53.617 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

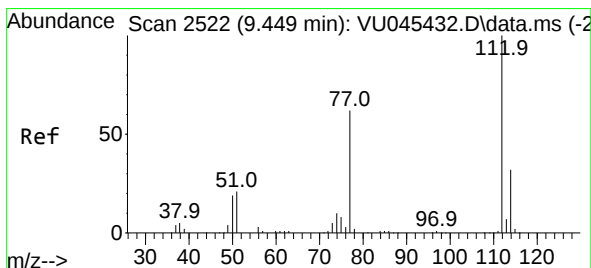
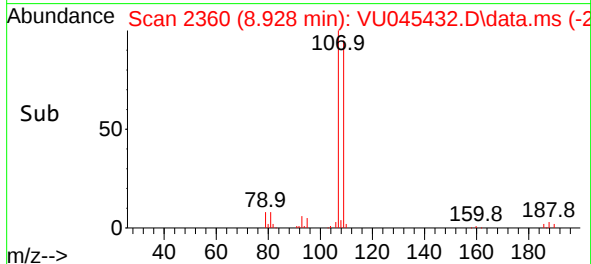
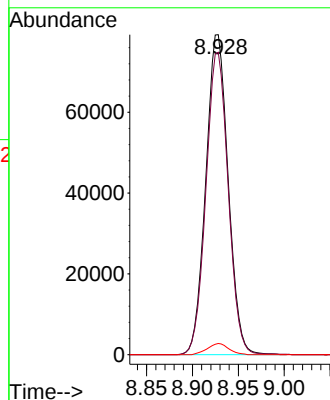
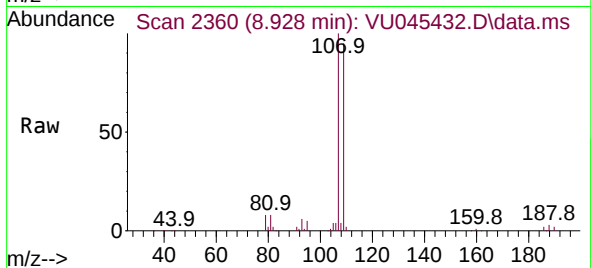
Instrument :

MSVOA_U

ClientSampleId :

VSTD050027

Tgt Ion:	107	Resp:	134784
Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.1	122.8
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 52.584 ug/L

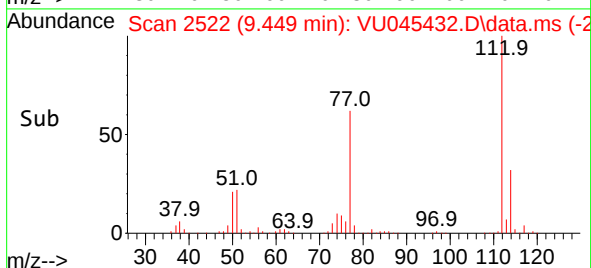
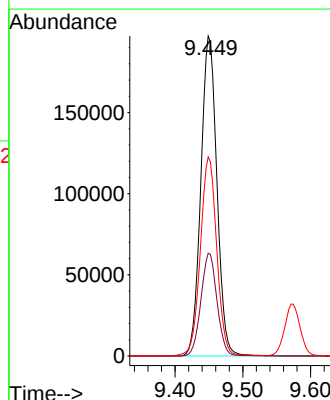
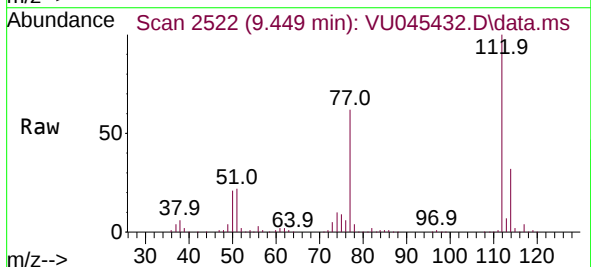
RT: 9.449 min Scan# 2522

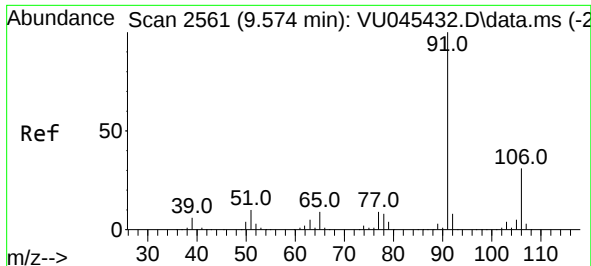
Delta R.T. 0.000 min

Lab File: VU045432.D

Acq: 28 Oct 2021 11:21

Tgt Ion:	112	Resp:	324520
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	62.2	49.8	74.6





#52

Ethylbenzene

Concen: 54.060 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045432.D

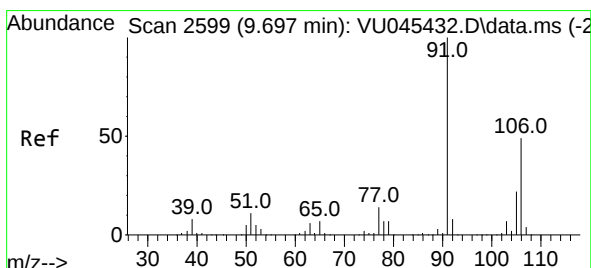
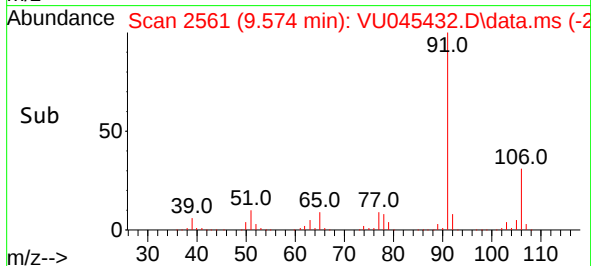
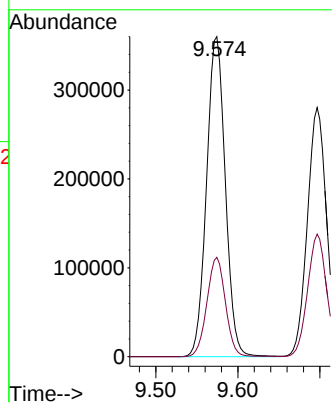
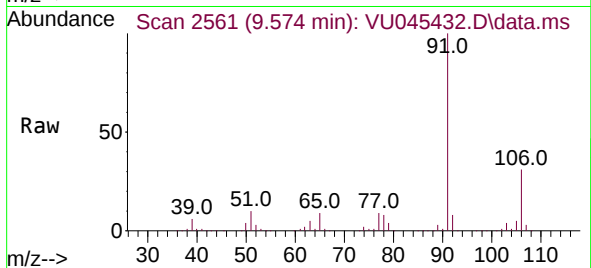
Acq: 28 Oct 2021 11:21

Tgt Ion: 91 Resp: 572662

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 55.302 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045432.D

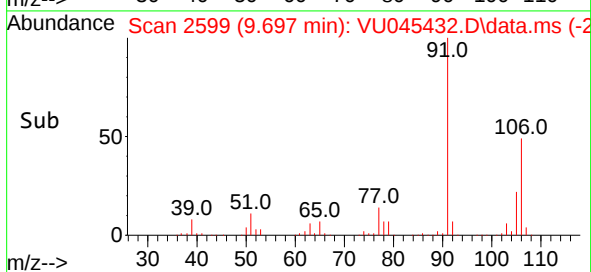
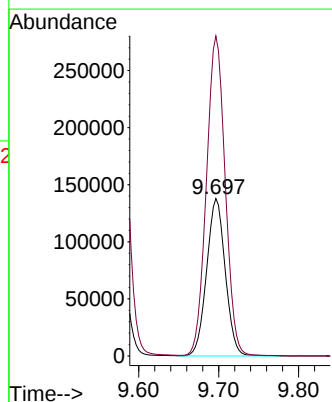
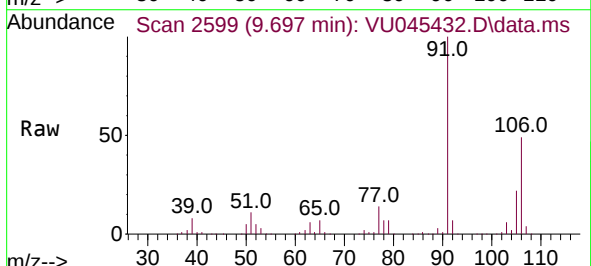
Acq: 28 Oct 2021 11:21

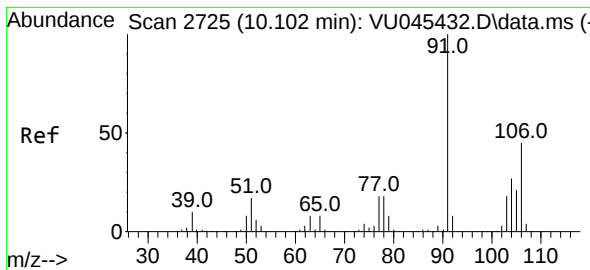
Tgt Ion: 106 Resp: 223446

Ion Ratio Lower Upper

106 100

91 203.2 142.2 264.2

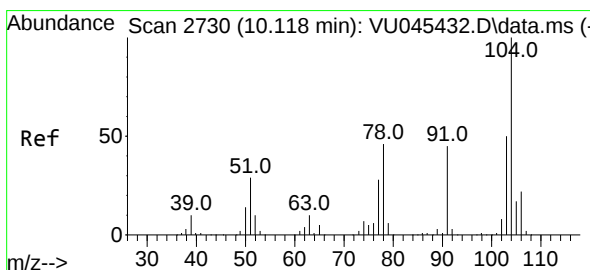
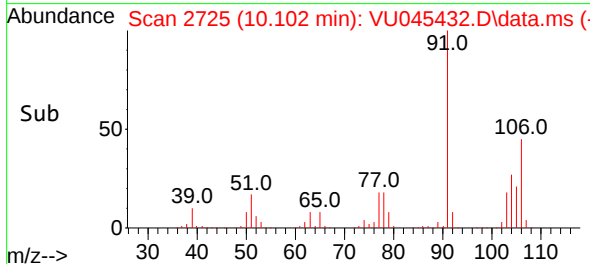
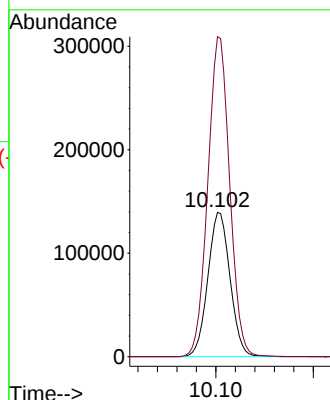
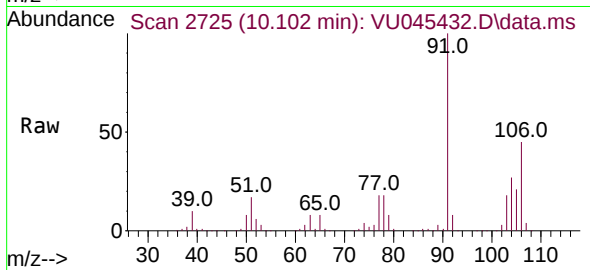




#54
o-xylene
Concen: 54.553 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

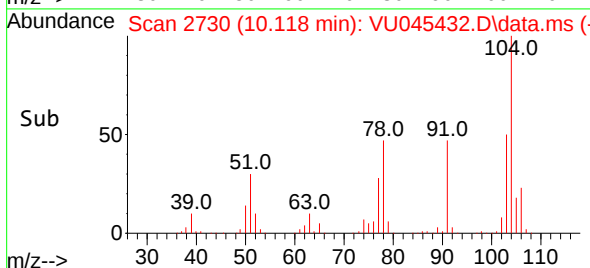
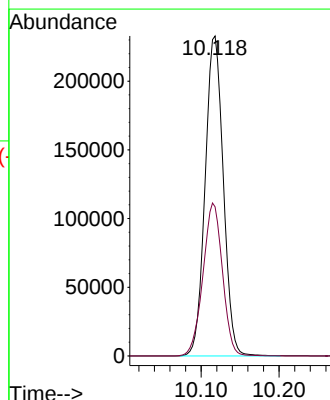
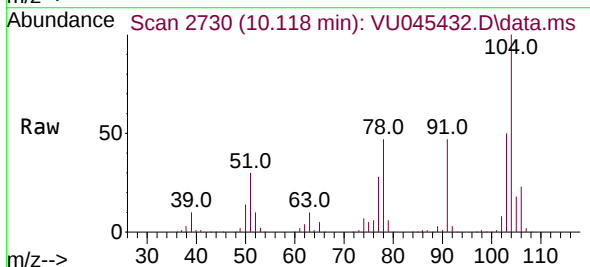
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

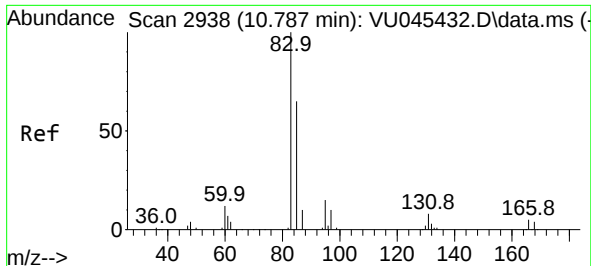
Tgt Ion:106 Resp: 220292
Ion Ratio Lower Upper
106 100
91 221.7 155.2 288.2



#55
Styrene
Concen: 55.237 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:104 Resp: 377020
Ion Ratio Lower Upper
104 100
78 46.6 32.6 60.6

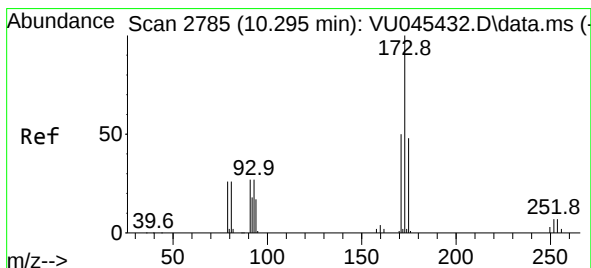
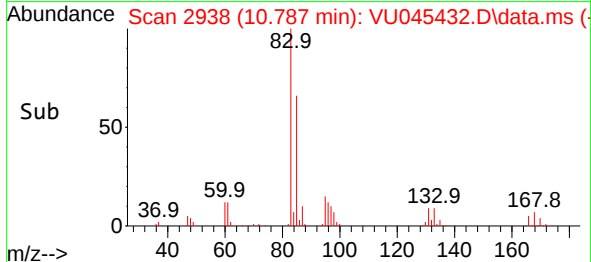
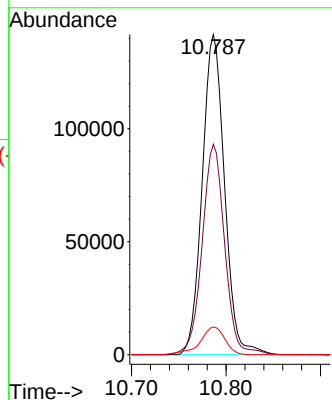
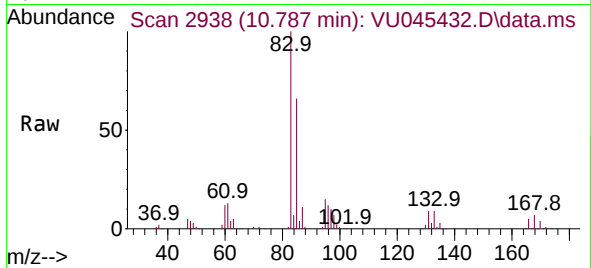




#57
1,1,2,2-Tetrachloroethane
Concen: 53.655 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

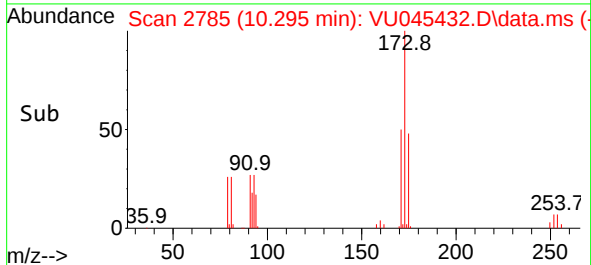
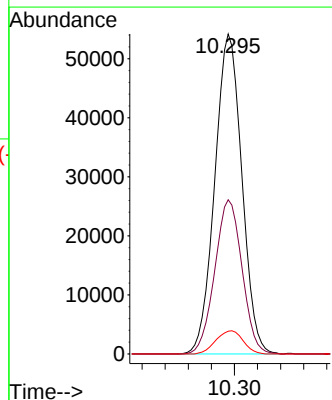
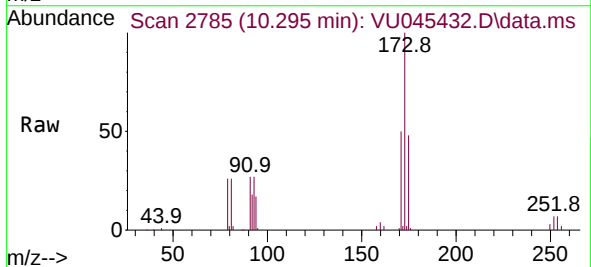
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

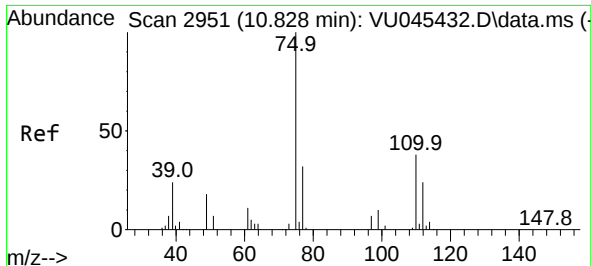
Tgt Ion: 83 Resp: 231999
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
131 8.7 7.0 10.4



#59
Bromoform
Concen: 52.326 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:173 Resp: 88207
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 7.3 5.8 8.8

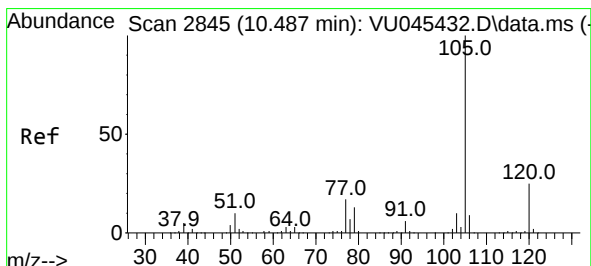
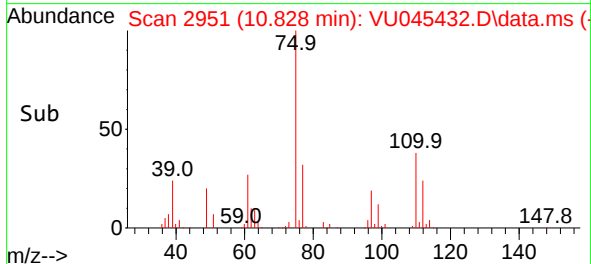
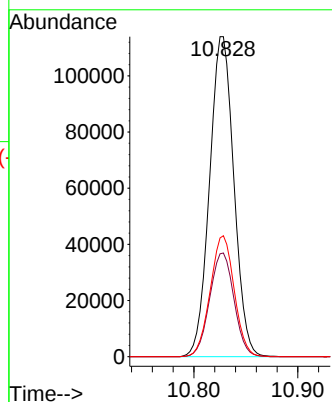
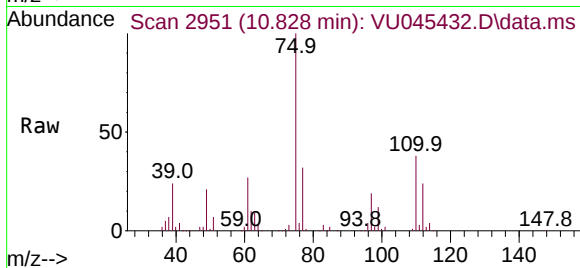




#60
1,2,3-Trichloropropane
Concen: 52.399 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

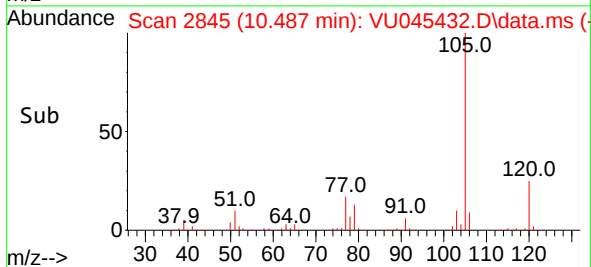
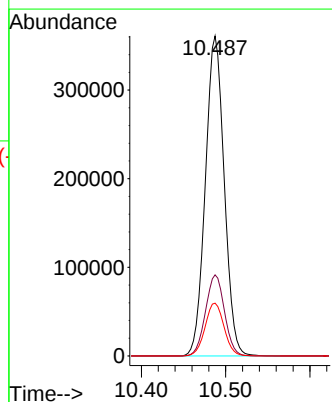
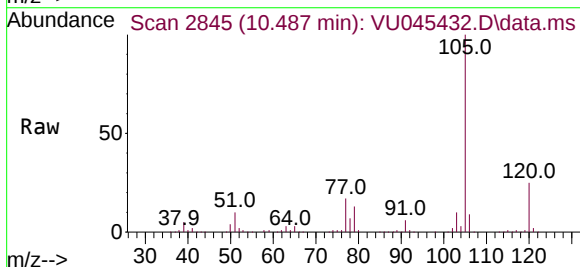
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

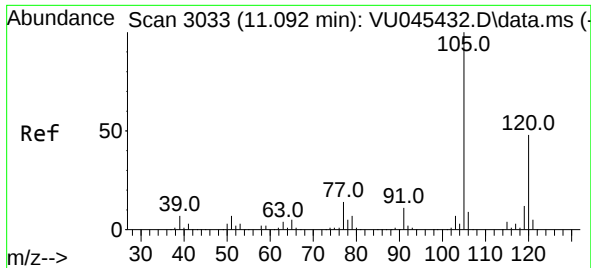
Tgt Ion: 75 Resp: 185257
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 37.3 29.8 44.8



#61
Isopropylbenzene
Concen: 53.536 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 105 Resp: 562773
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 16.6 13.3 19.9

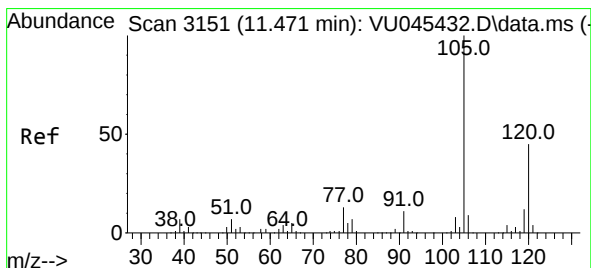
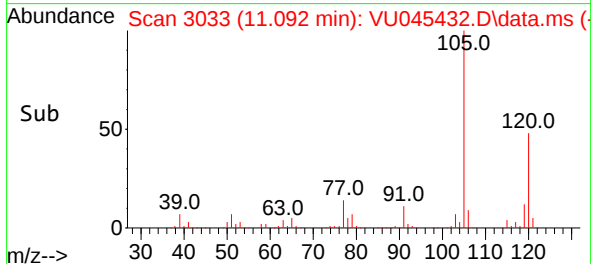
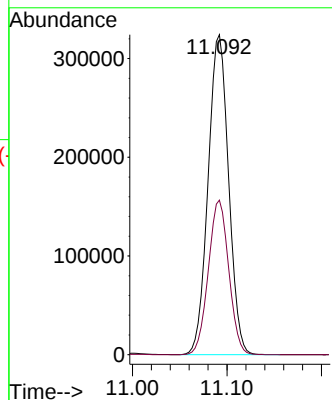
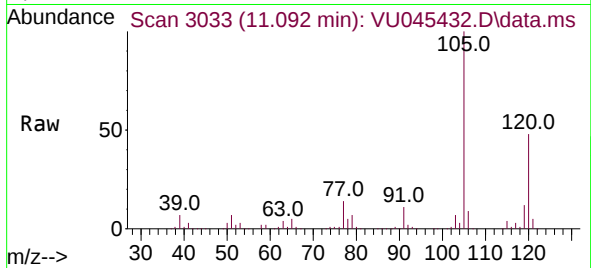




#62
1,3,5-Trimethylbenzene
Concen: 55.872 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

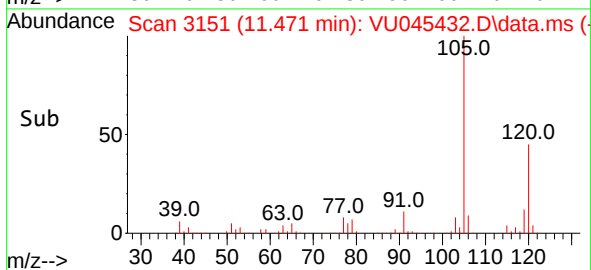
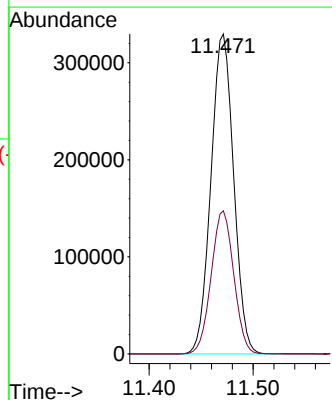
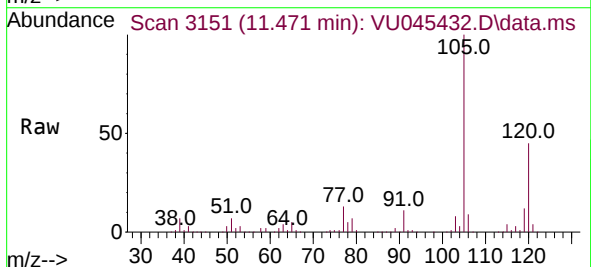
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

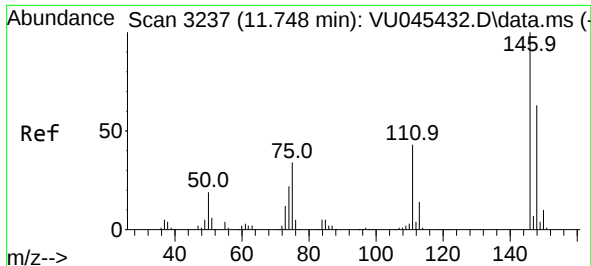
Tgt Ion:105 Resp: 487940
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 56.446 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:105 Resp: 500278
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

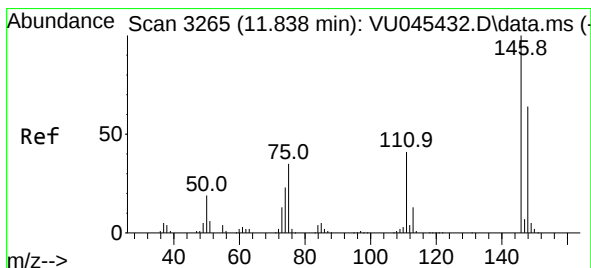
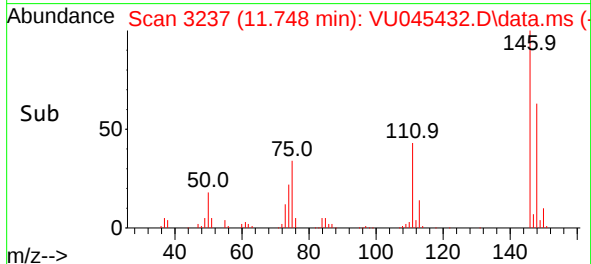
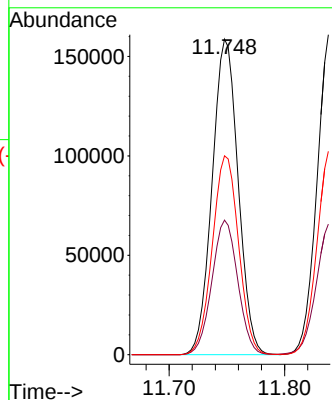
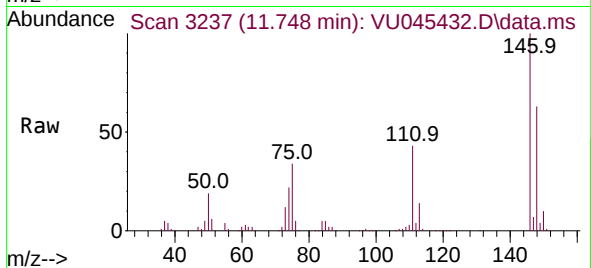




#64
1,3-Dichlorobenzene
Concen: 52.247 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

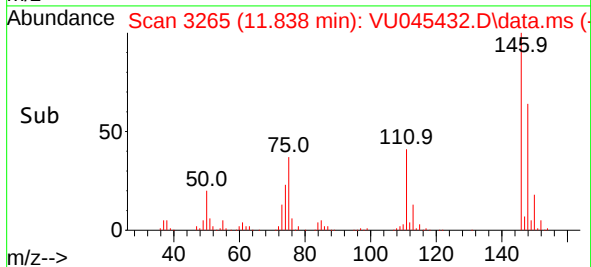
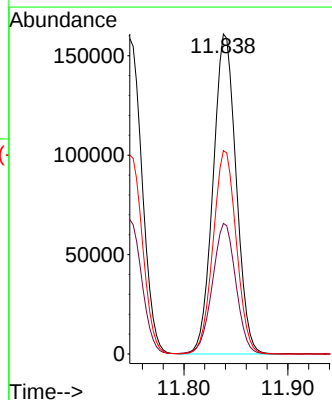
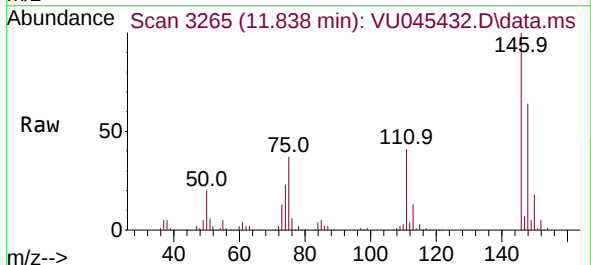
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

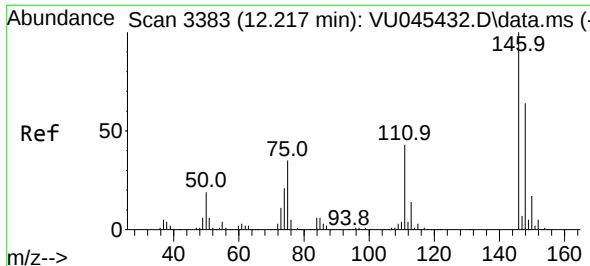
Tgt Ion:146 Resp: 248049
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.4
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 51.557 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:146 Resp: 248052
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 63.6 44.5 82.7

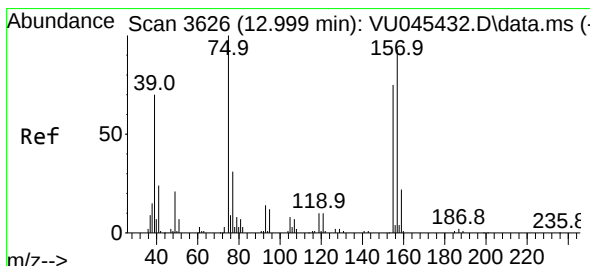
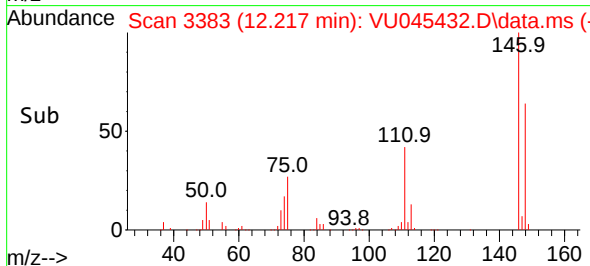
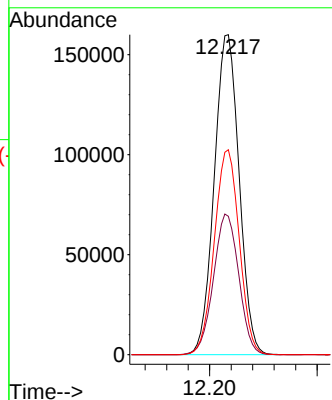
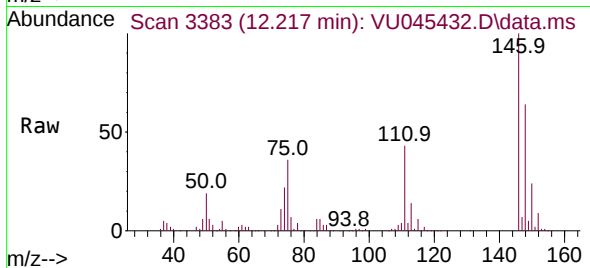




#67
1,2-Dichlorobenzene
Concen: 53.215 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

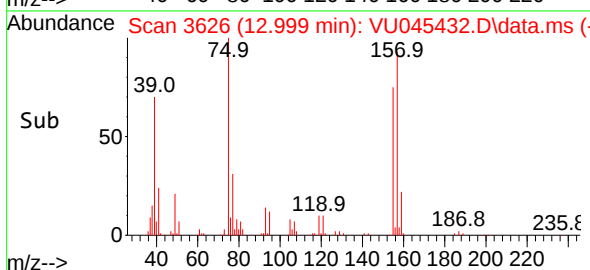
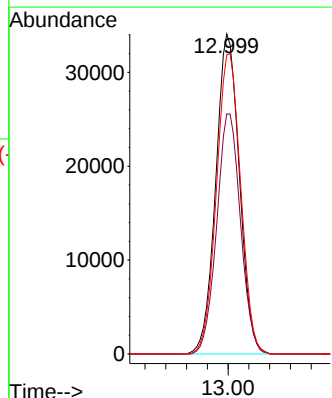
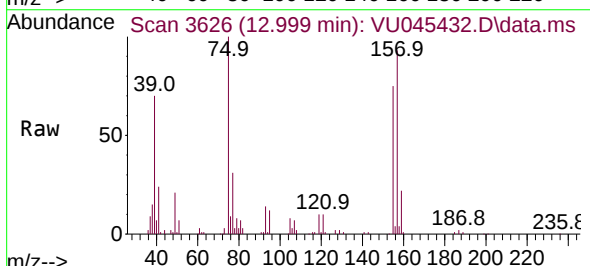
Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

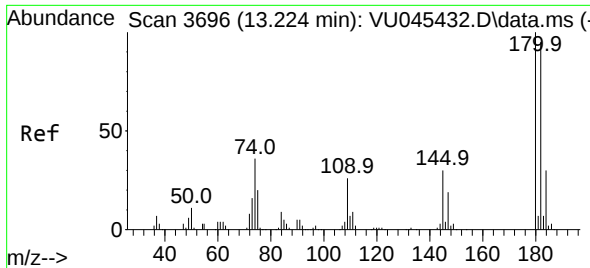
Tgt Ion:146 Resp: 257248
Ion Ratio Lower Upper
146 100
111 43.3 34.6 52.0
148 64.0 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 54.224 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion: 75 Resp: 53773
Ion Ratio Lower Upper
75 100
155 75.0 60.0 90.0
157 97.4 77.9 116.9



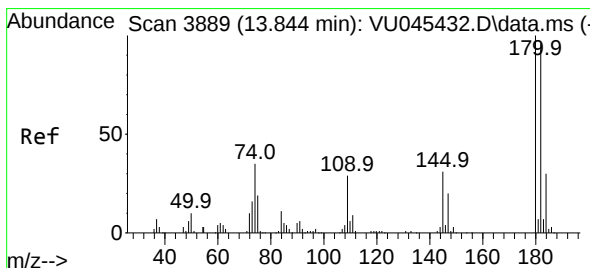
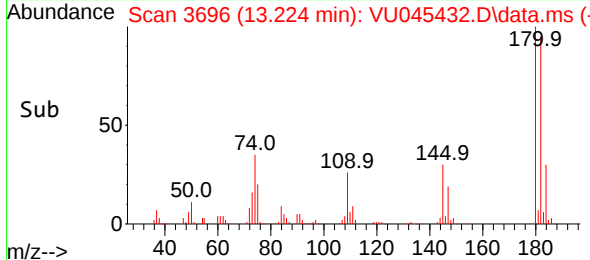
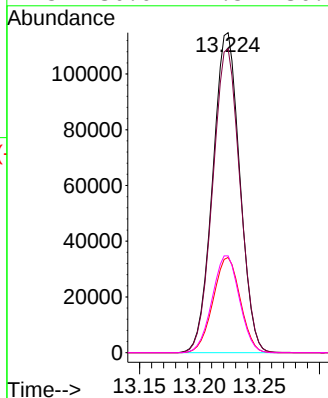
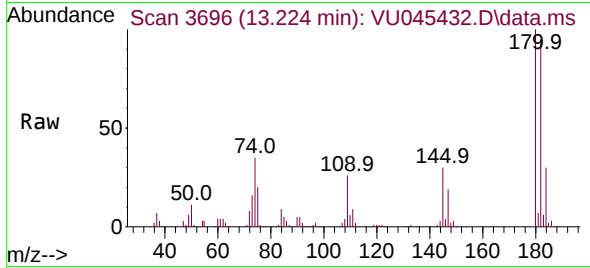


#69
 1,3,5-Trichlorobenzene
 Concen: 54.425 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050027

Tgt Ion:180 Resp: 179811

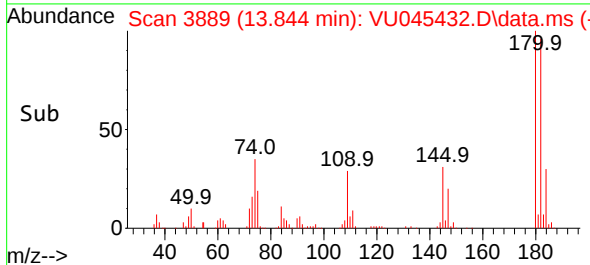
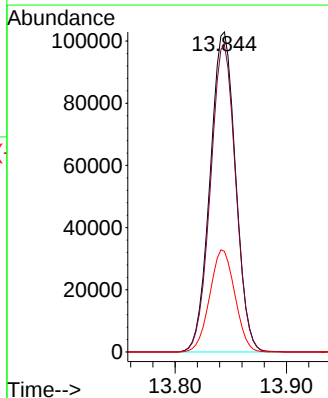
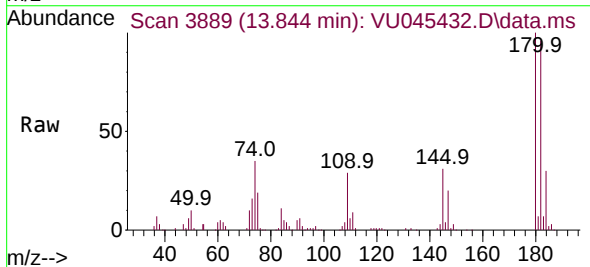
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
184	29.9	23.9	35.9
145	30.6	24.5	36.7

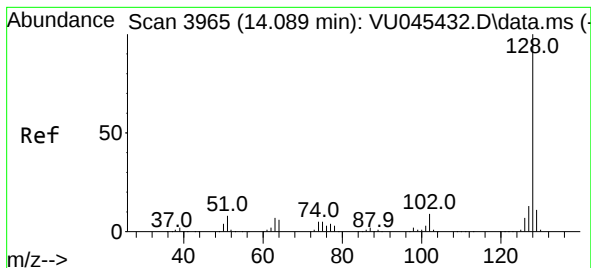


#70
 1,2,4-trichlorobenzene
 Concen: 58.192 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045432.D
 Acq: 28 Oct 2021 11:21

Tgt Ion:180 Resp: 163466

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	31.6	25.3	37.9

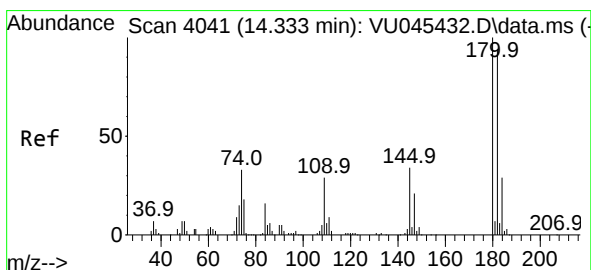
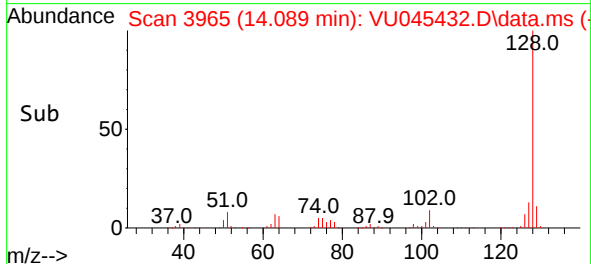
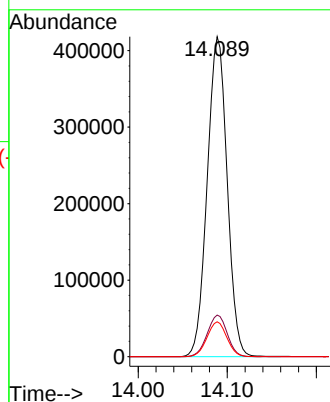
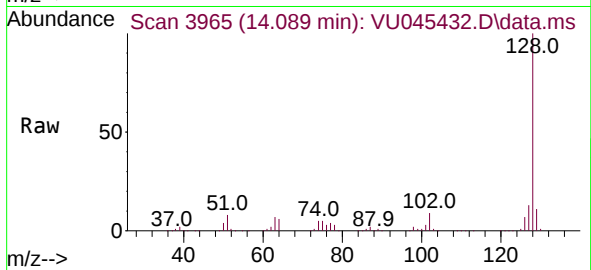




#71
Naphthalene
Concen: 67.056 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Instrument :
MSVOA_U
ClientSampleId :
VSTD050027

Tgt Ion:	128	Resp:	649395
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 60.526 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045432.D
Acq: 28 Oct 2021 11:21

Tgt Ion:	180	Resp:	170691
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	33.7	27.0	40.4

