

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044446.D
 Acq On : 18 Aug 2021 13:09
 Operator : SY/MD
 Sample : VSTD02019
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020019

Quant Time: Aug 19 03:42:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:40:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	129291	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	130036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	199447	19.074	ug/L	0.00
7) Chloroethane-d5	1.916	69	178389	19.629	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	88791	19.961	ug/L	0.00
20) 2-Butanone-d5	4.636	46	609509	210.763	ug/L	0.00
24) Chloroform-d	5.070	84	371078	20.069	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	194568	19.297	ug/L	0.00
32) Benzene-d6	5.735	84	743618	20.308	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	235344	20.090	ug/L	0.00
41) Toluene-d8	7.906	98	670783	20.659	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	92328	21.946	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	525093	230.811	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	200033	20.275	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	226660	20.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	280835	21.121	ug/L	100
3) Chloromethane	1.520	50	324647	18.637	ug/L	100
5) Vinyl chloride	1.607	62	331837	20.607	ug/L	99
6) Bromomethane	1.861	94	187647	21.438	ug/L	99
8) Chloroethane	1.935	64	202557	20.577	ug/L	98
9) Trichlorofluoromethane	2.141	101	385527	20.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	219036	21.621	ug/L	99
12) 1,1-Dichloroethene	2.584	96	210396	21.174	ug/L	96
13) Acetone	2.645	43	311412	179.925	ug/L	80
14) Carbon disulfide	2.797	76	697735	21.649	ug/L	100
15) Methyl Acetate	2.957	43	83533	21.298	ug/L	93
16) Methylene chloride	3.051	84	237102	16.061	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	564985	21.986	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	223364	21.575	ug/L	99
19) 1,1-Dichloroethane	3.877	63	423783	21.115	ug/L	98
21) 2-Butanone	4.716	43	735589	214.961	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	243465	21.995	ug/L	99
23) Bromochloromethane	4.980	128	103177	21.143	ug/L	99
25) Chloroform	5.096	83	423114	20.548	ug/L	99
27) 1,2-Dichloroethane	5.800	62	287760	20.950	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	354078	21.755	ug/L	99
30) Cyclohexane	5.395	56	416991	23.177	ug/L	99
31) Carbon tetrachloride	5.533	117	289828	21.672	ug/L	100
33) Benzene	5.780	78	955501	21.658	ug/L	100
34) Trichloroethene	6.549	95	237713	21.794	ug/L	98
35) Methylcyclohexane	6.771	83	420919	23.138	ug/L	98
37) 1,2-Dichloropropane	6.800	63	249446	21.592	ug/L	100
38) Bromodichloromethane	7.112	83	305972	21.571	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	373079	23.027	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	1771949	225.901	ug/L	98
42) Toluene	7.976	91	1019931	22.194	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	323927	23.590	ug/L	100

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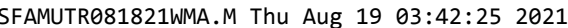
Quant Time: Aug 19 03:42:18 2021
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 QLast Update : Thu Aug 19 03:40:19 2021
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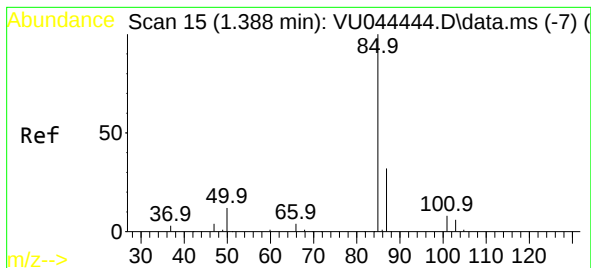
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	176817	21.463	ug/L	95
47) Tetrachloroethene	8.558	164	164111	21.759	ug/L	99
48) 2-Hexanone	8.693	43	1289510	230.393	ug/L	100
49) Dibromochloromethane	8.816	129	197595	22.666	ug/L	98
50) 1,2-Dibromoethane	8.931	107	169154	21.467	ug/L	98
51) Chlorobenzene	9.452	112	606545	21.506	ug/L	100
52) Ethylbenzene	9.574	91	1109879	22.862	ug/L	99
53) m,p-Xylene	9.700	106	422829	23.167	ug/L	99
54) o-Xylene	10.105	106	412297	23.191	ug/L	100
55) Styrene	10.121	104	720319	24.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	234452	21.615	ug/L	100
59) Bromoform	10.298	173	106047	22.517	ug/L	99
60) Isopropylbenzene	10.491	105	1091095	22.428	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	171755	20.619	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	938260	23.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	968616	23.746	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	460268	21.546	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	465571	21.572	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	440952	21.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	39371	23.106	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	342198	22.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	291473	24.726	ug/L	99
71) Naphthalene	14.092	128	614527	27.342	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	266463	24.689	ug/L	99

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

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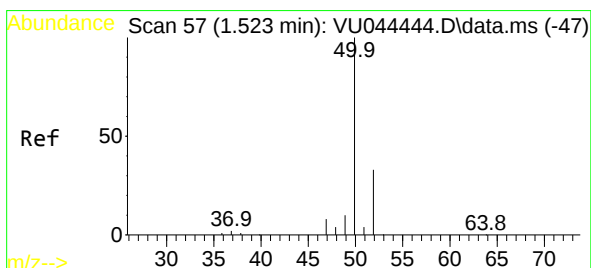
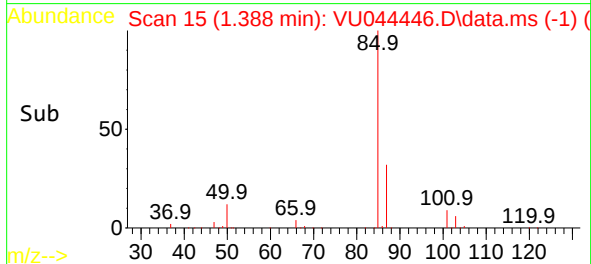
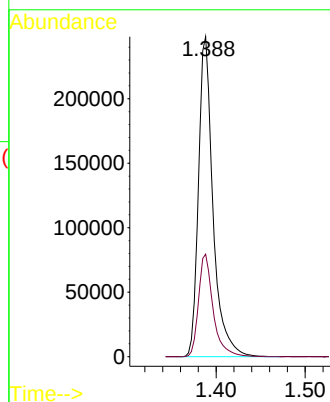
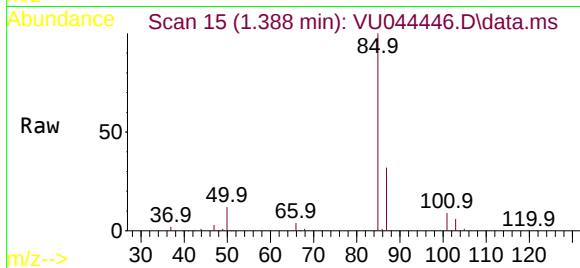




#2
Dichlorodifluoromethane
Concen: 21.121 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

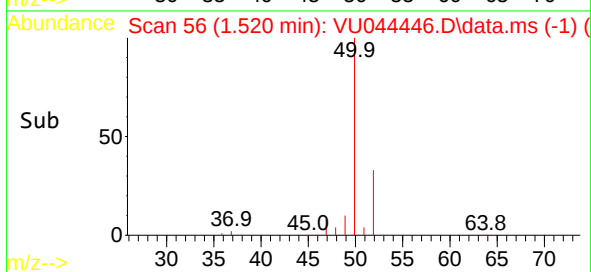
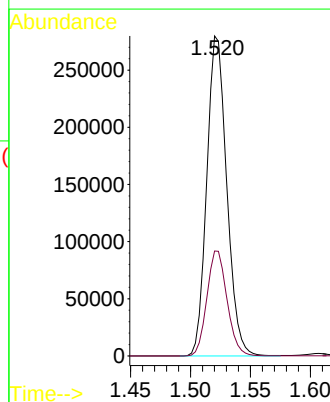
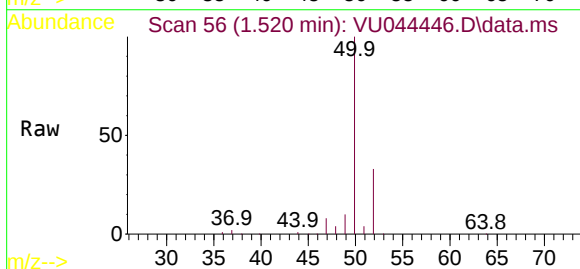
Instrument :
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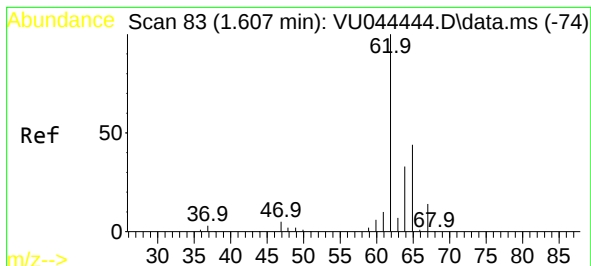
Tgt Ion: 85 Resp: 280835
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5



#3
Chloromethane
Concen: 18.637 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 50 Resp: 324647
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4





#5

Vinyl chloride

Concen: 20.607 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044446.D

Acq: 18 Aug 2021 13:09

Instrument :

MSVOA_U

ClientSampleId :

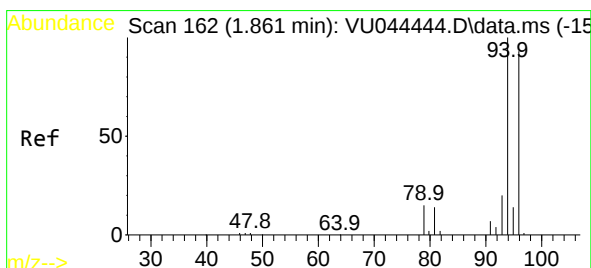
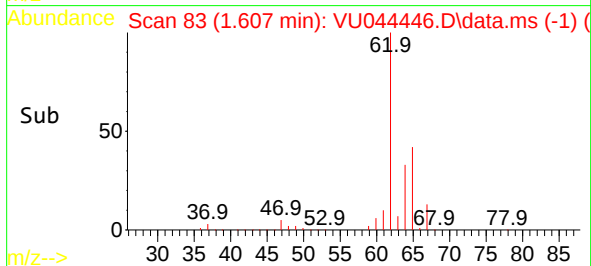
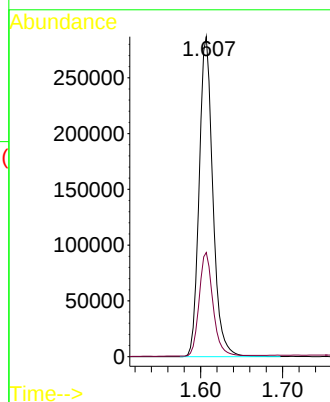
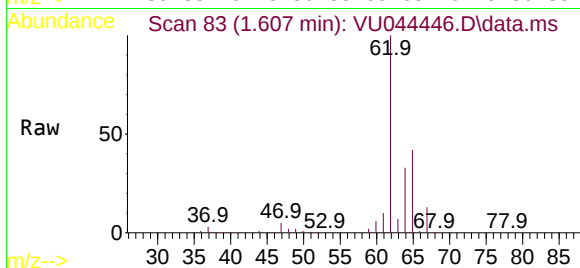
VSTD020019

Tgt Ion: 62 Resp: 331837

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.0



#6

Bromomethane

Concen: 21.438 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU044446.D

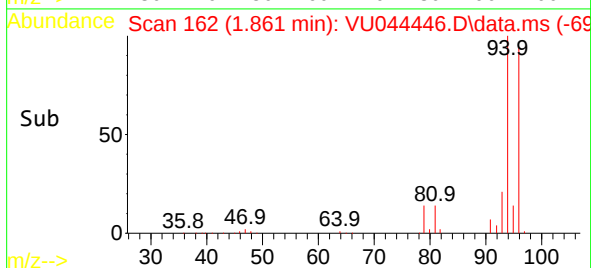
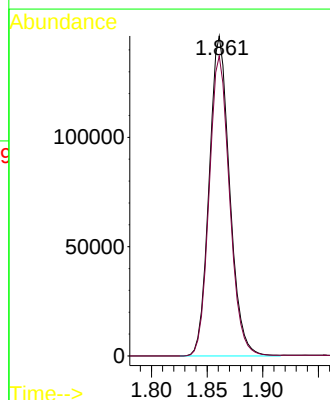
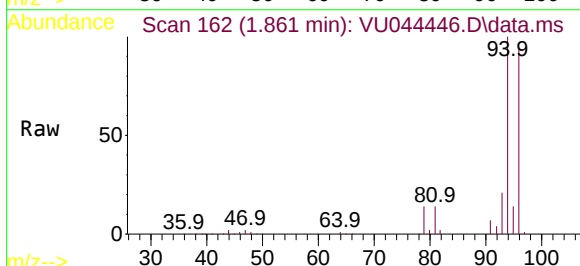
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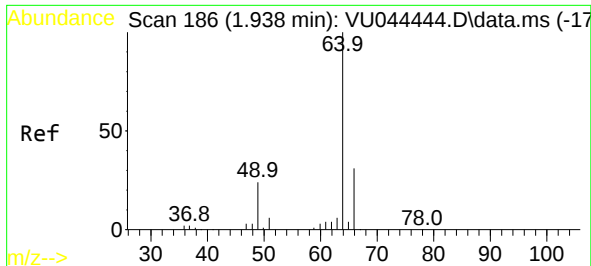
Tgt Ion: 94 Resp: 187647

Ion Ratio Lower Upper

94 100

96 93.7 65.2 121.2

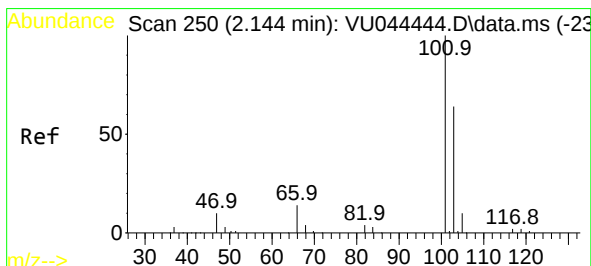
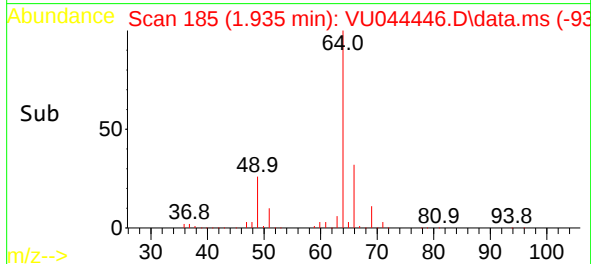
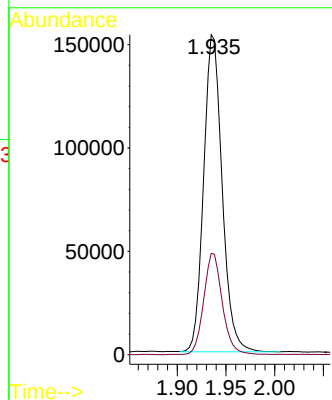
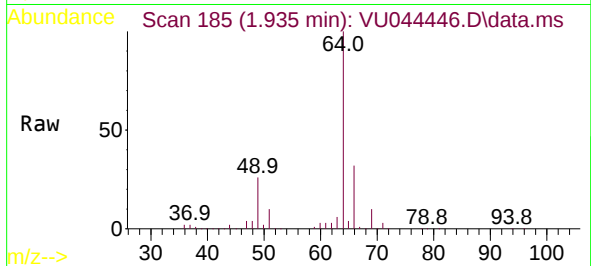




#8
Chloroethane
Concen: 20.577 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

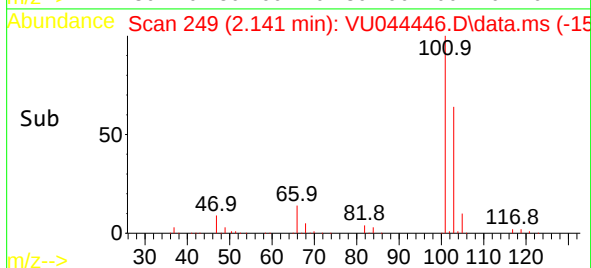
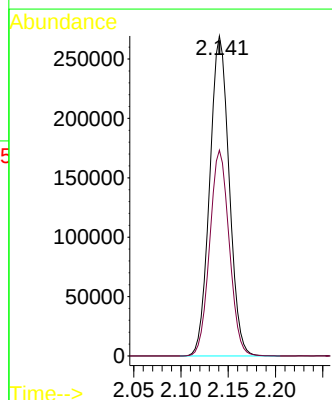
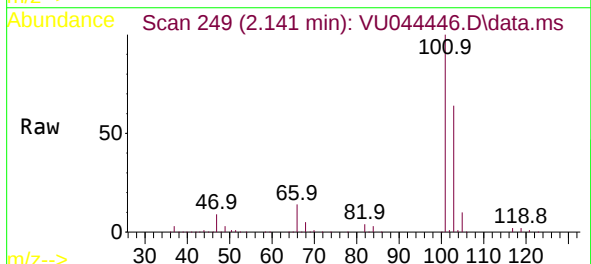
Instrument :
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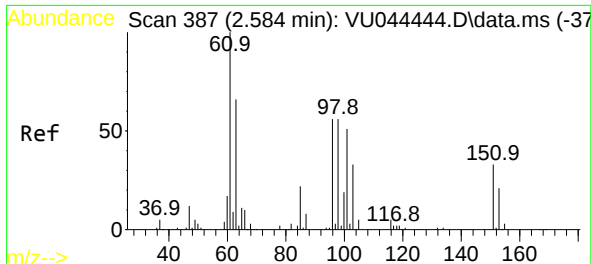
Tgt Ion: 64 Resp: 202557
Ion Ratio Lower Upper
64 100
66 31.7 21.3 39.5



#9
Trichlorofluoromethane
Concen: 20.939 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:101 Resp: 385527
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

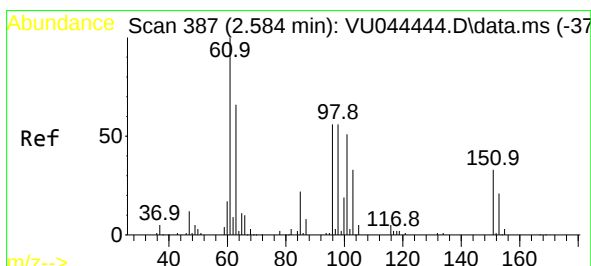
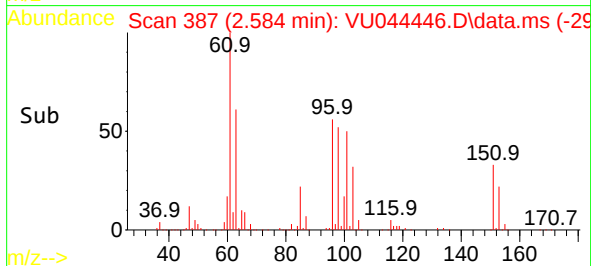
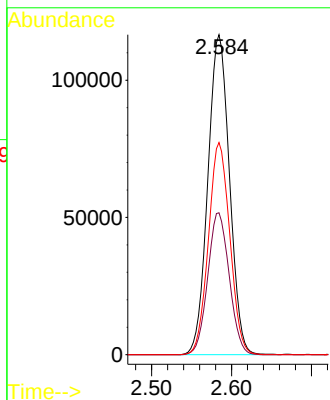
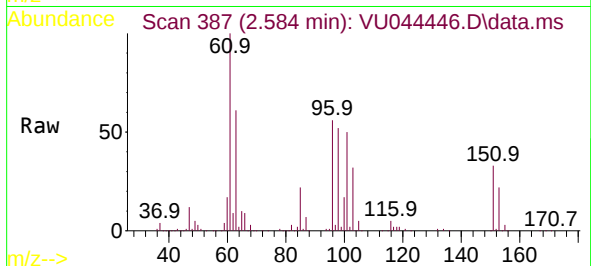




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.621 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 13:09

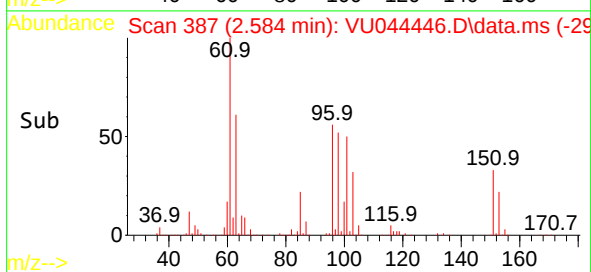
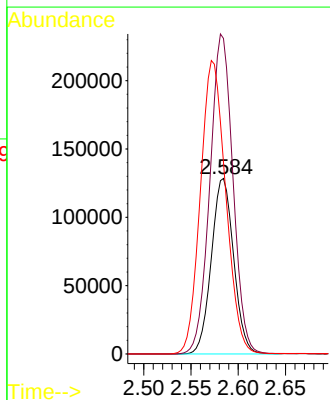
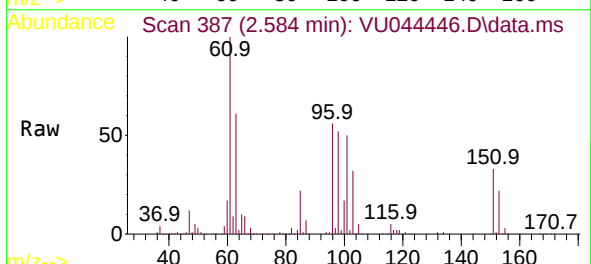
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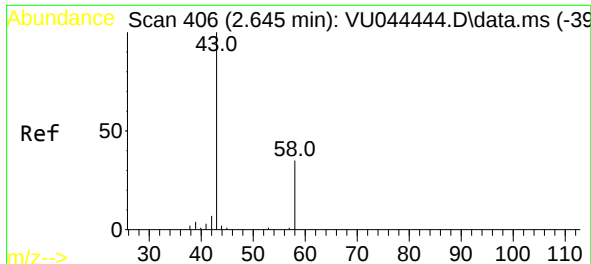
Tgt Ion:101 Resp: 219036
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 65.6 53.0 79.6



#12
1,1-Dichloroethene
Concen: 21.174 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 96 Resp: 210396
Ion Ratio Lower Upper
96 100
61 179.8 126.1 234.3
63 109.2 84.8 157.6

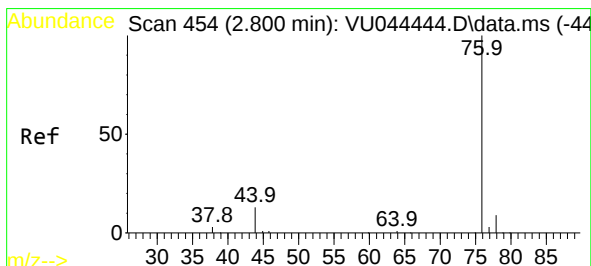
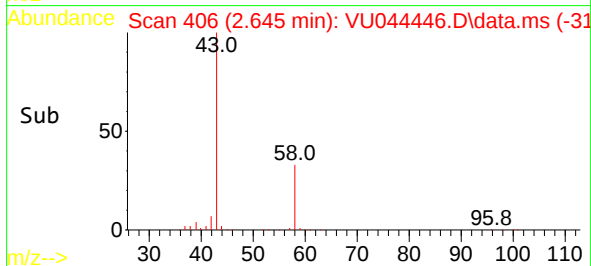
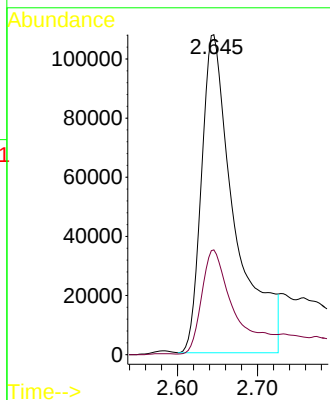
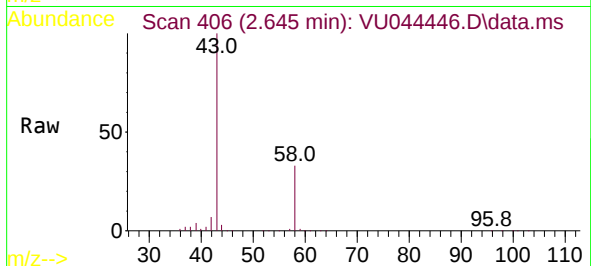




#13
Acetone
Concen: 179.925 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

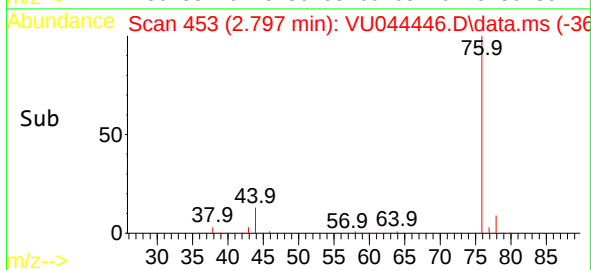
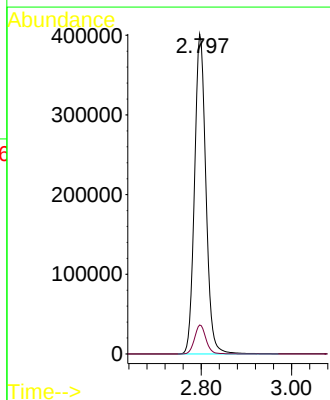
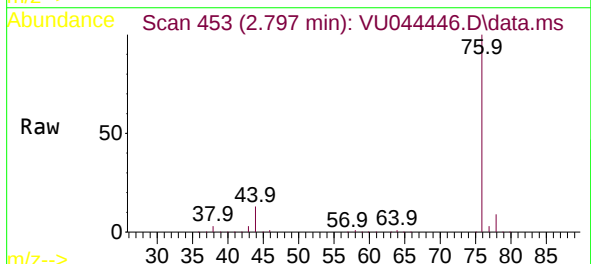
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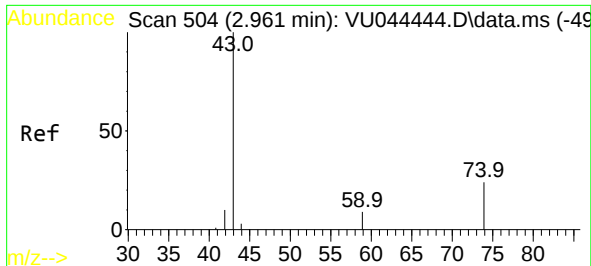
Tgt Ion: 43 Resp: 311412
Ion Ratio Lower Upper
43 100
58 32.5 0.0 45.4



#14
Carbon disulfide
Concen: 21.649 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 76 Resp: 697735
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

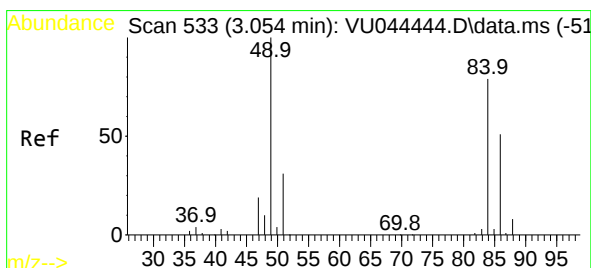
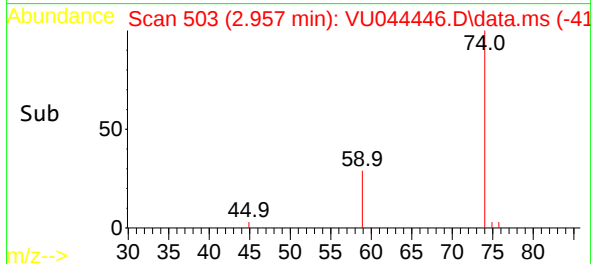
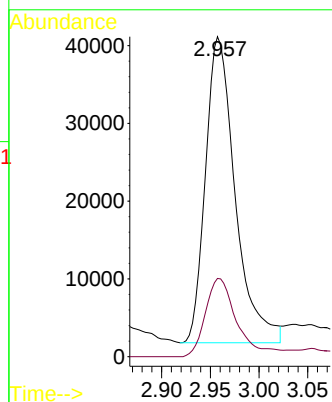
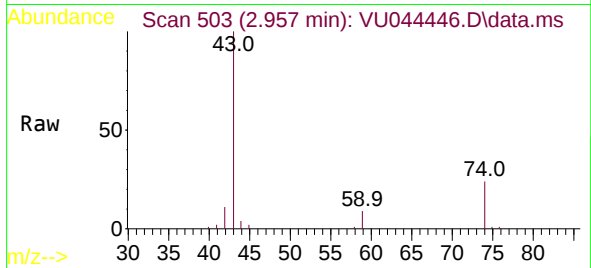




#15
Methyl Acetate
Concen: 21.298 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

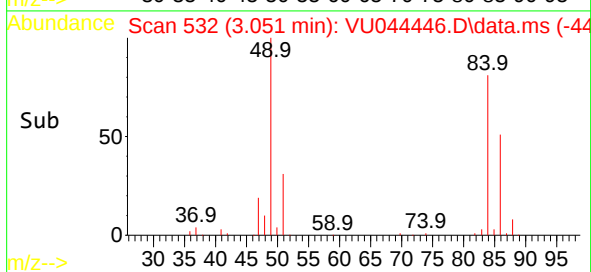
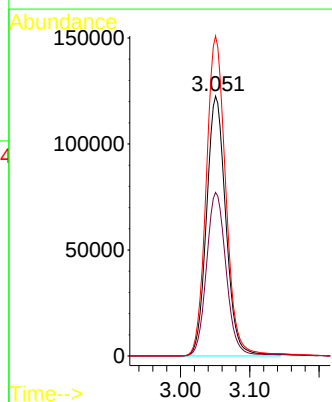
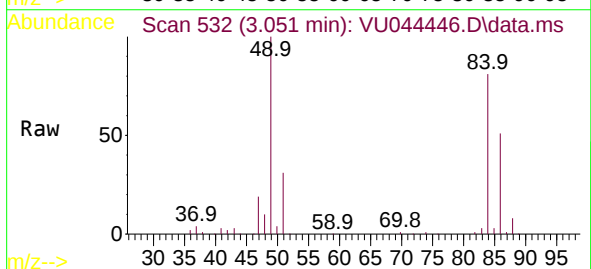
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

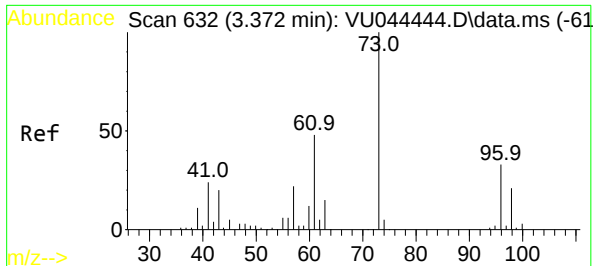
Tgt Ion: 43 Resp: 83533
Ion Ratio Lower Upper
43 100
74 27.3 19.0 28.4



#16
Methylene chloride
Concen: 16.061 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 84 Resp: 237102
Ion Ratio Lower Upper
84 100
86 62.9 45.2 84.0
49 123.1 88.8 165.0



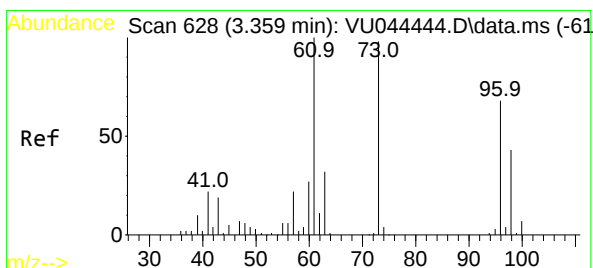
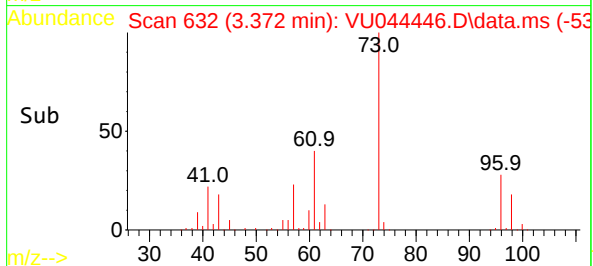
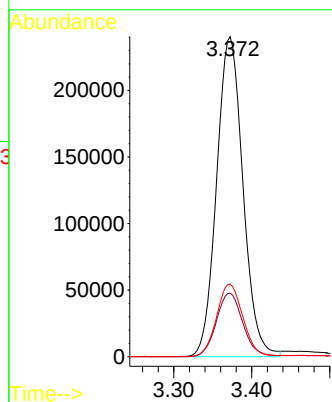
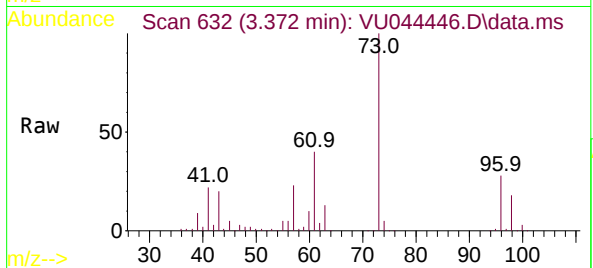


#17

Methyl tert-butyl Ether
Concen: 21.986 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

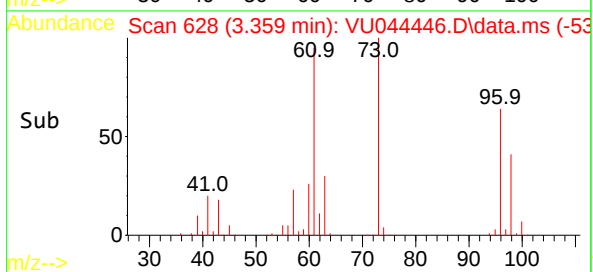
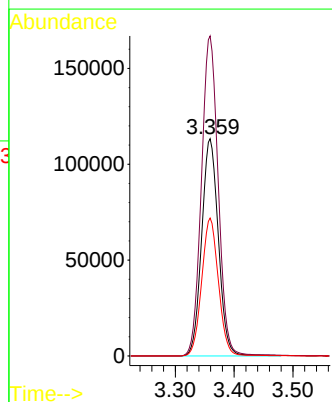
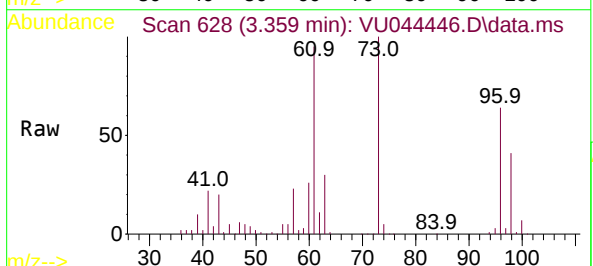
Tgt Ion: 73 Resp: 564985
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.4
57 22.9 17.8 26.8

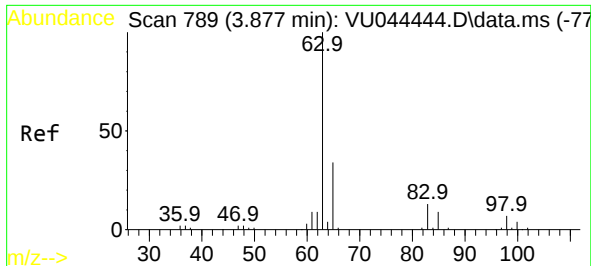


#18

trans-1,2-Dichloroethene
Concen: 21.575 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 96 Resp: 223364
Ion Ratio Lower Upper
96 100
61 147.3 103.7 192.5
98 63.5 44.7 83.1





#19

1,1-Dichloroethane

Concen: 21.115 ug/L

RT: 3.877 min Scan# 789

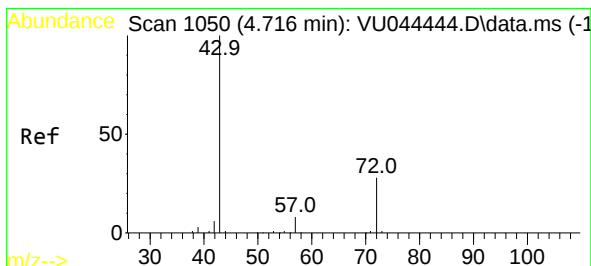
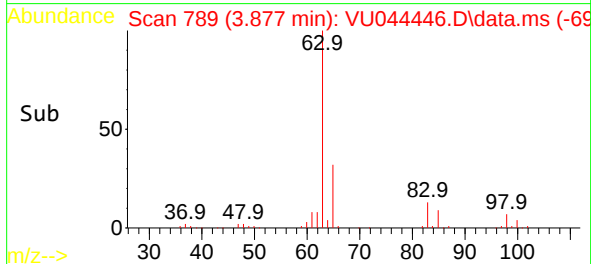
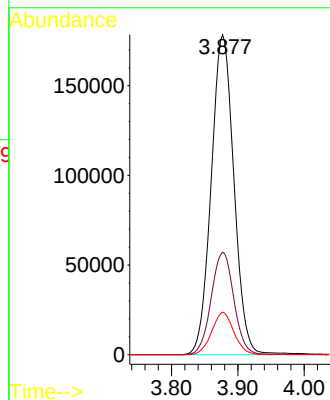
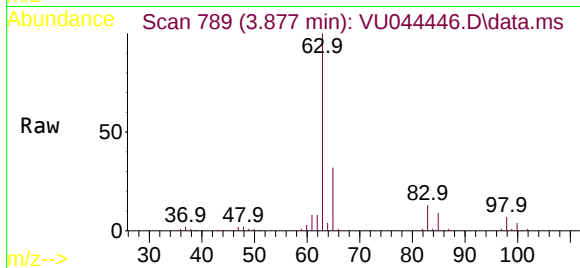
Delta R.T. 0.000 min

Lab File: VU044446.D

Acq: 18 Aug 2021 13:09

Tgt Ion: 63 Resp: 423783

Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.4	43.6
83	13.3	9.0	16.6



#21

2-Butanone

Concen: 214.961 ug/L

RT: 4.716 min Scan# 1050

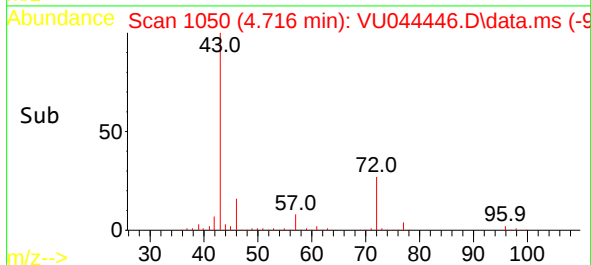
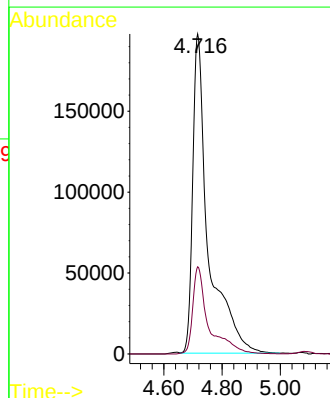
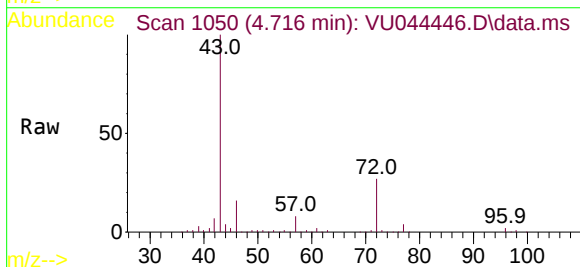
Delta R.T. 0.000 min

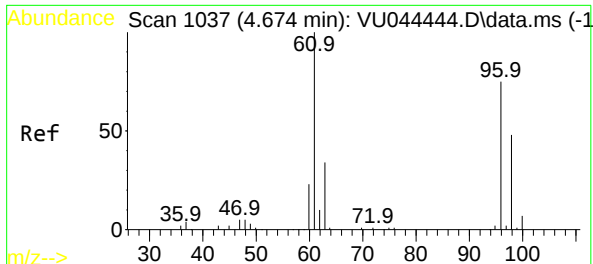
Lab File: VU044446.D

Acq: 18 Aug 2021 13:09

Tgt Ion: 43 Resp: 735589

Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.1	42.4



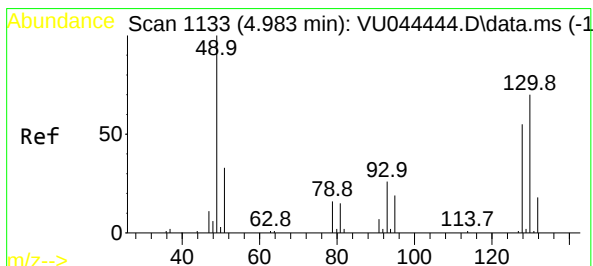
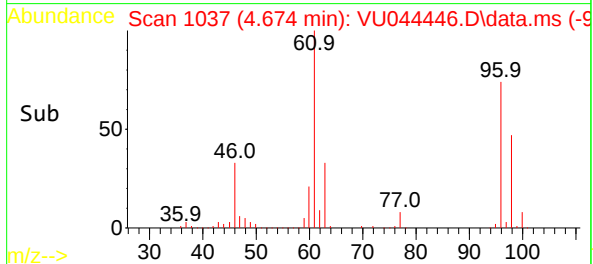
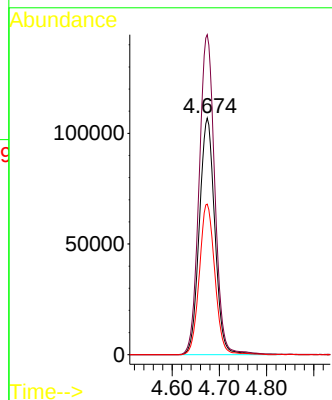
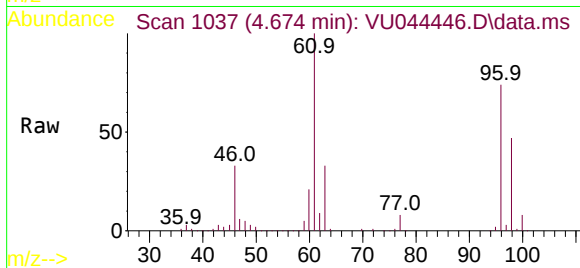


#22
cis-1,2-Dichloroethene
Concen: 21.995 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

Tgt Ion: 96 Resp: 243465

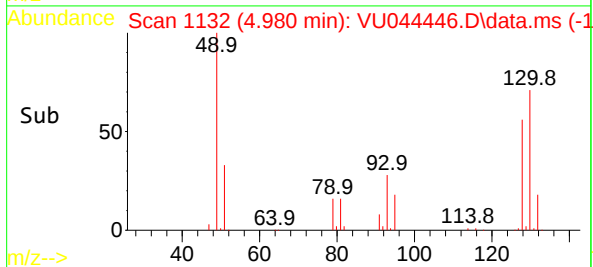
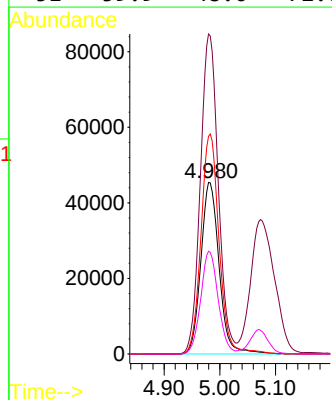
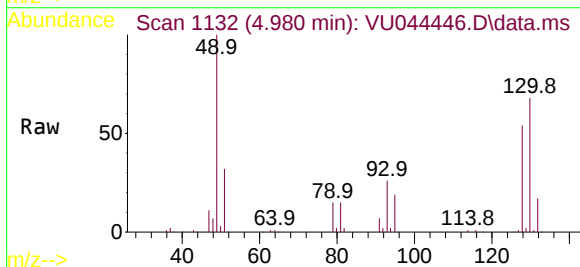
Ion	Ratio	Lower	Upper
96	100		
61	135.2	93.9	174.5
98	63.6	44.7	83.1

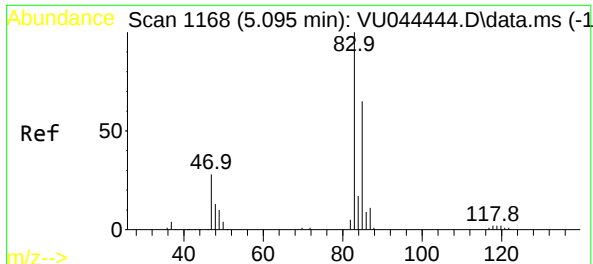


#23
Bromochloromethane
Concen: 21.143 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 128 Resp: 103177

Ion	Ratio	Lower	Upper
128	100		
49	186.6	128.1	237.9
130	126.9	89.2	165.8
51	59.9	48.0	72.0





#25

Chloroform

Concen: 20.548 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044446.D

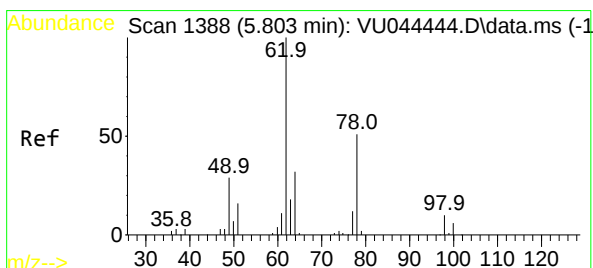
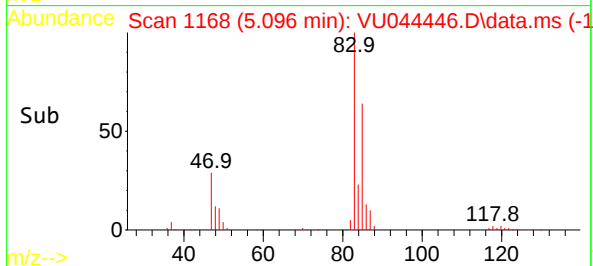
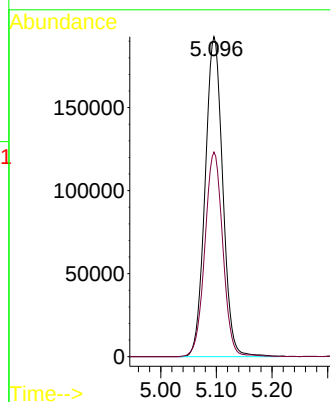
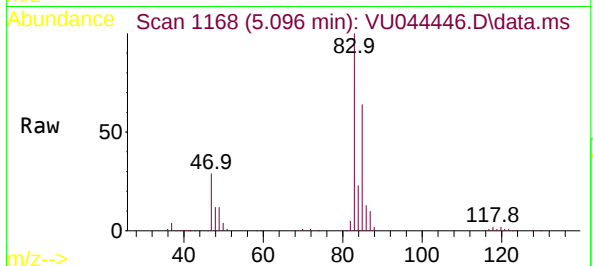
Acq: 18 Aug 2021 13:09

Tgt Ion: 83 Resp: 423114

Ion Ratio Lower Upper

83 100

85 63.9 45.3 84.1



#27

1,2-Dichloroethane

Concen: 20.950 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.003 min

Lab File: VU044446.D

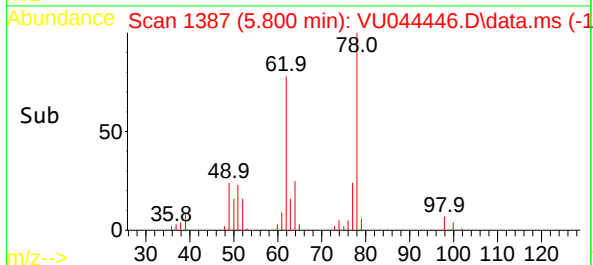
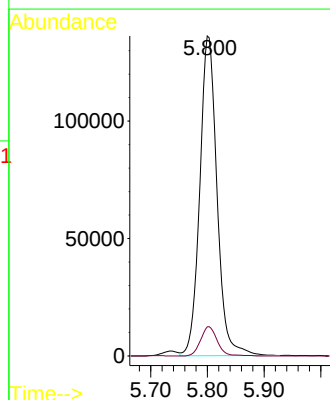
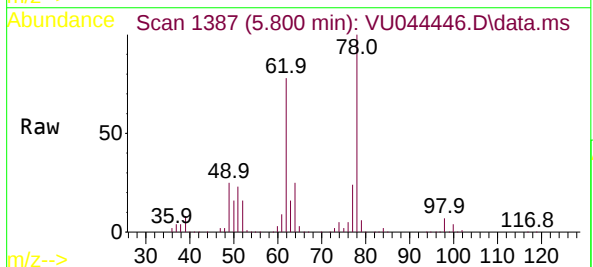
Acq: 18 Aug 2021 13:09

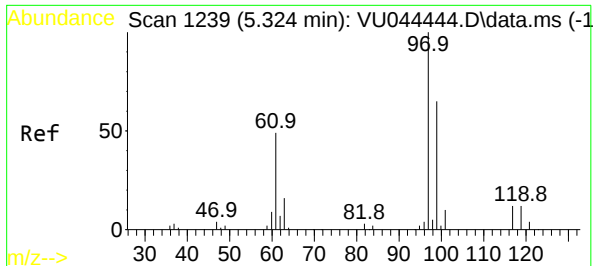
Tgt Ion: 62 Resp: 287760

Ion Ratio Lower Upper

62 100

98 9.1 8.0 12.0

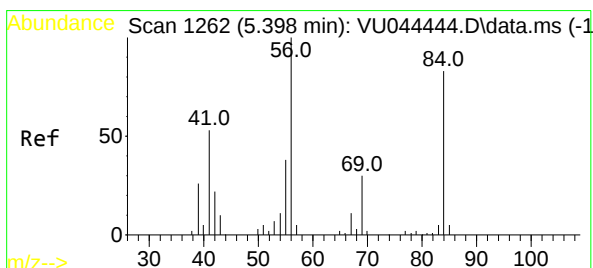
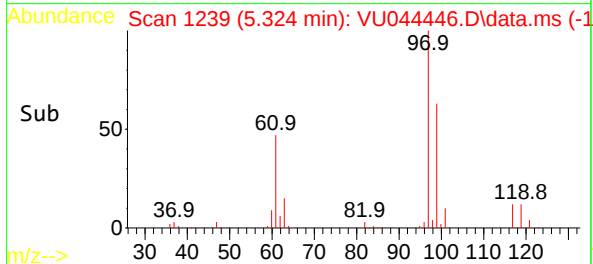
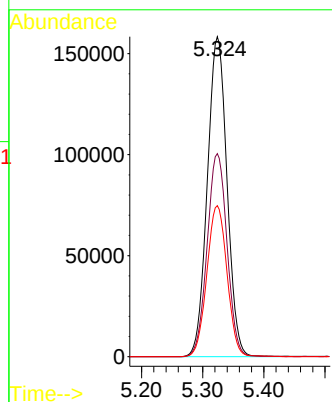
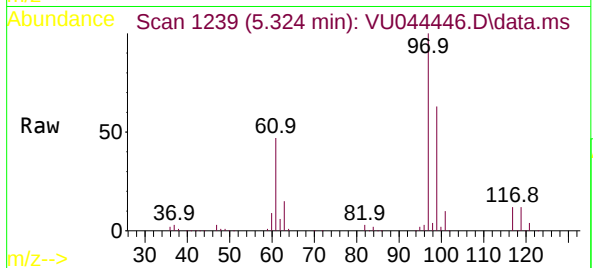




#29
1,1,1-Trichloroethane
Concen: 21.755 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

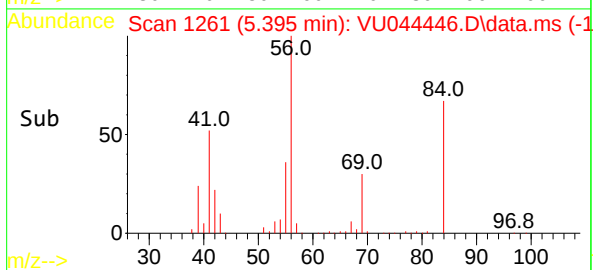
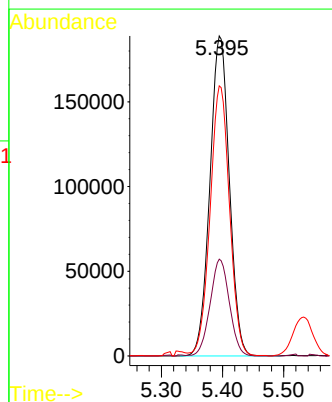
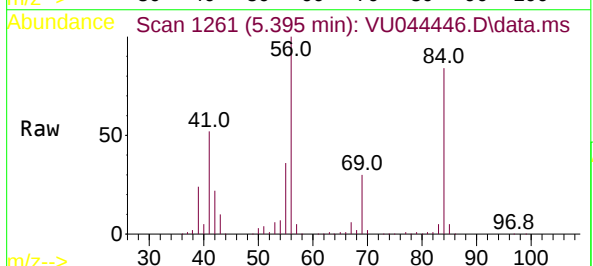
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

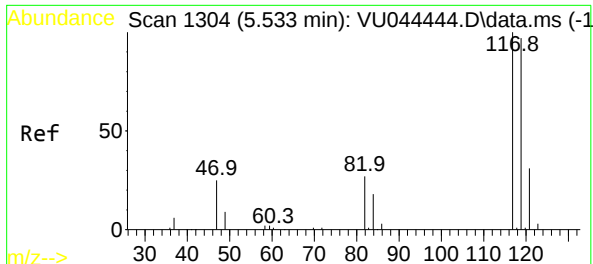
Tgt Ion: 97 Resp: 354078
Ion Ratio Lower Upper
97 100
99 64.1 52.5 78.7
61 48.4 39.2 58.8



#30
Cyclohexane
Concen: 23.177 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 56 Resp: 416991
Ion Ratio Lower Upper
56 100
69 29.9 24.3 36.5
84 84.0 68.4 102.6

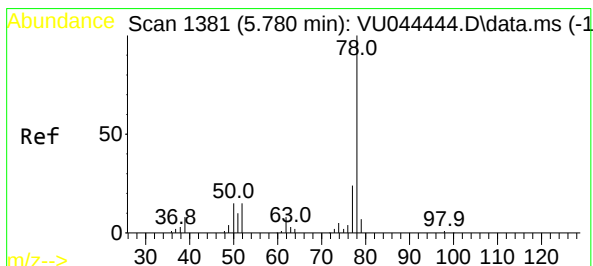
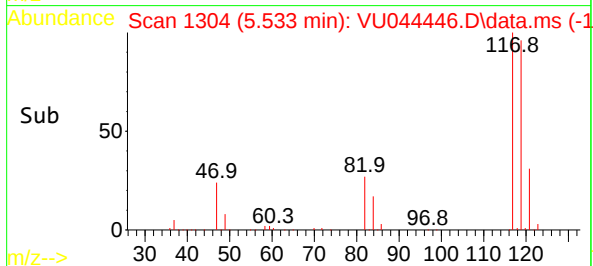
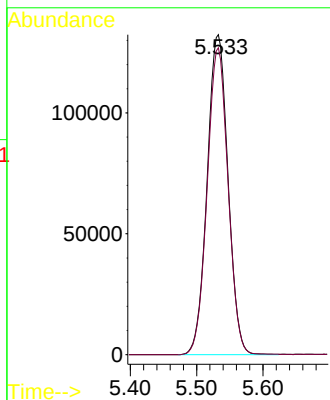
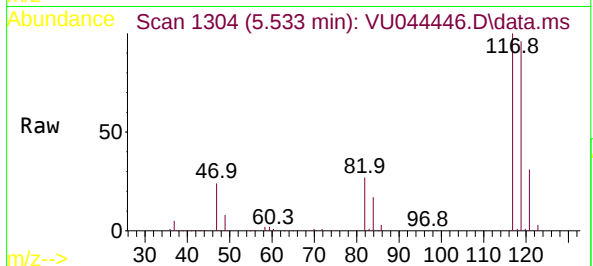




#31
Carbon tetrachloride
Concen: 21.672 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

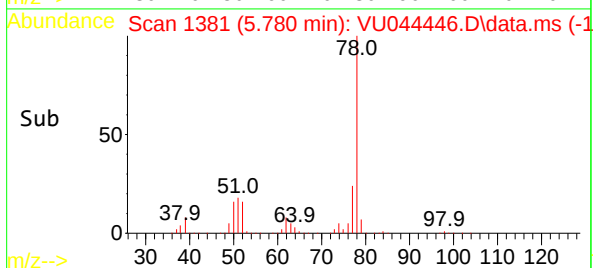
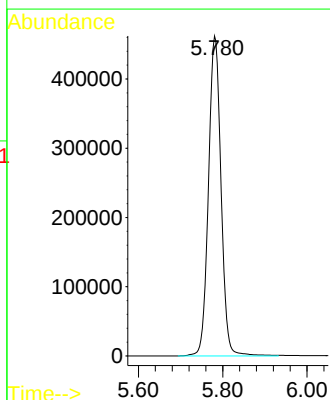
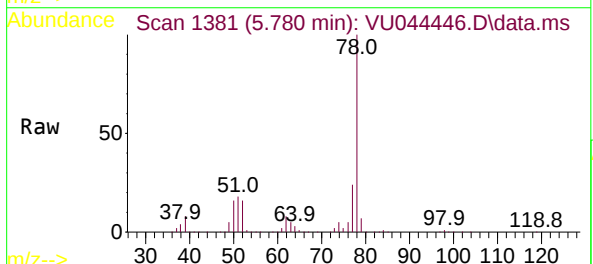
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

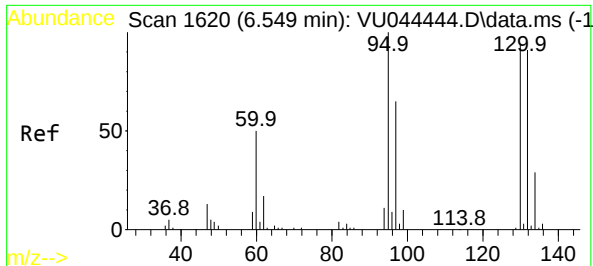
Tgt Ion:117 Resp: 289828
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 21.658 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 78 Resp: 955501

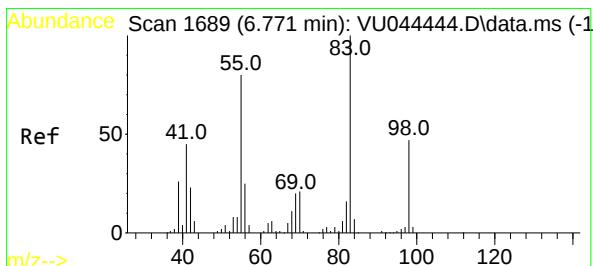
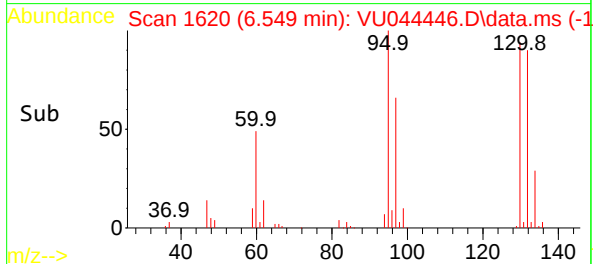
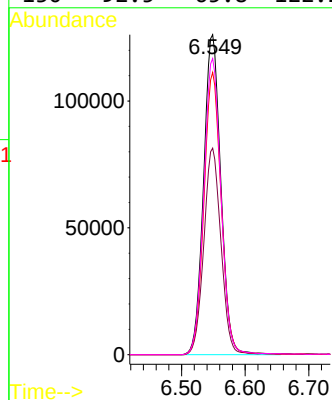
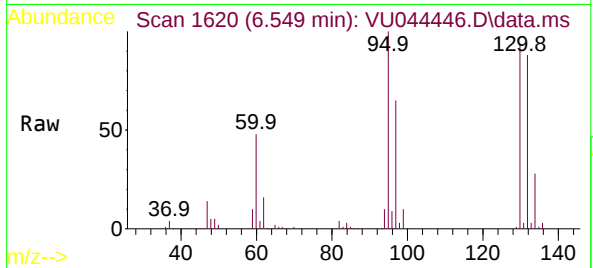




#34
Trichloroethene
Concen: 21.794 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

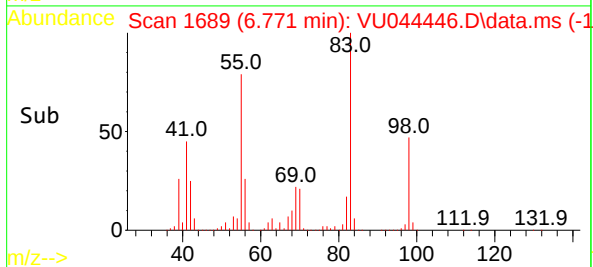
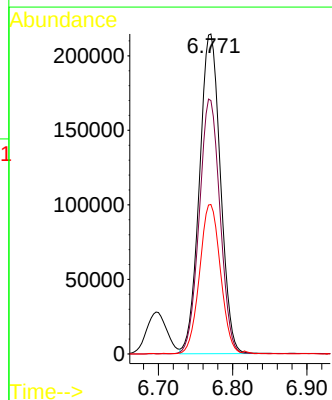
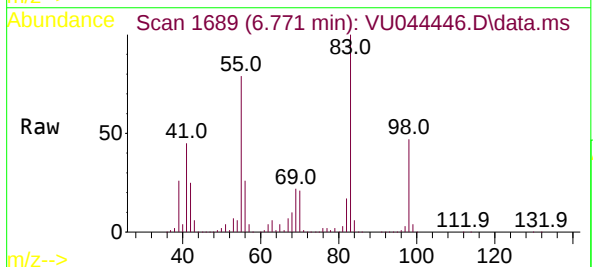
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

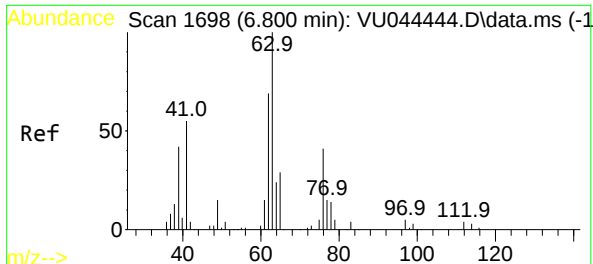
Tgt Ion: 95 Resp: 237713
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 88.2 63.4 117.8
130 92.5 65.8 122.2



#35
Methylcyclohexane
Concen: 23.138 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 83 Resp: 420919
Ion Ratio Lower Upper
83 100
55 78.9 64.8 97.2
98 46.4 37.5 56.3



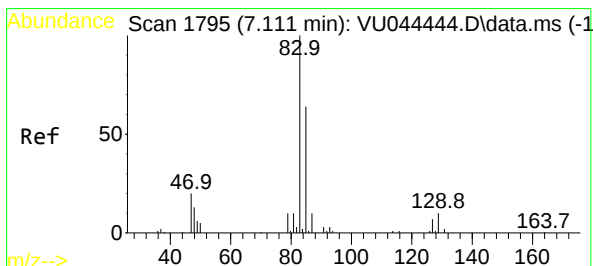
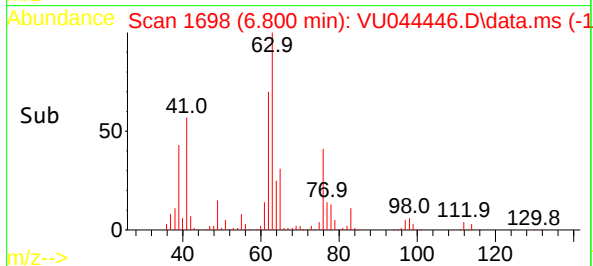
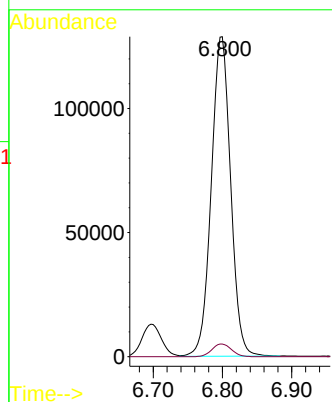
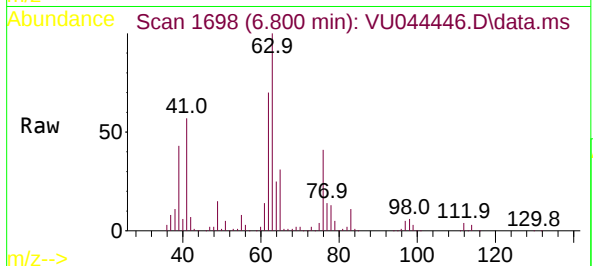


#37

1,2-Dichloropropane
Concen: 21.592 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

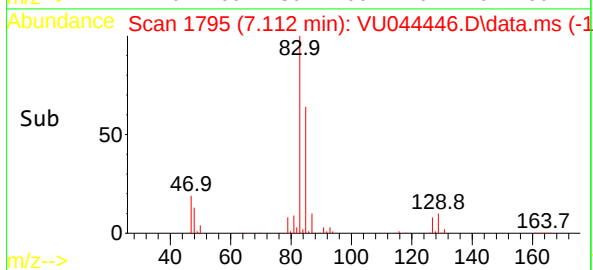
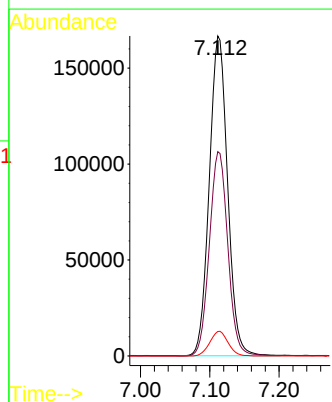
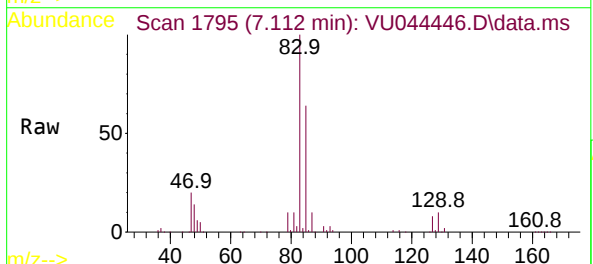
Tgt Ion: 63 Resp: 249446
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

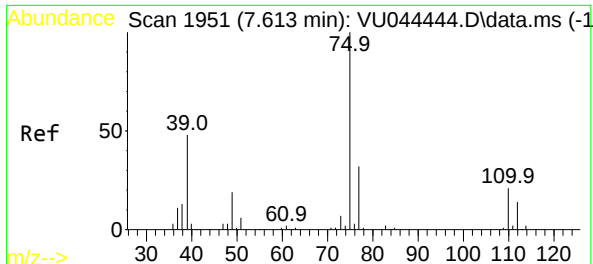


#38

Bromodichloromethane
Concen: 21.571 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 83 Resp: 305972
Ion Ratio Lower Upper
83 100
85 63.9 44.6 82.8
127 7.7 5.9 8.9

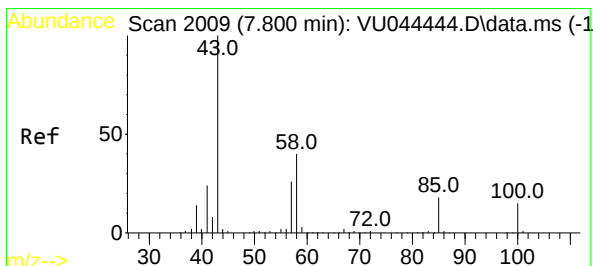
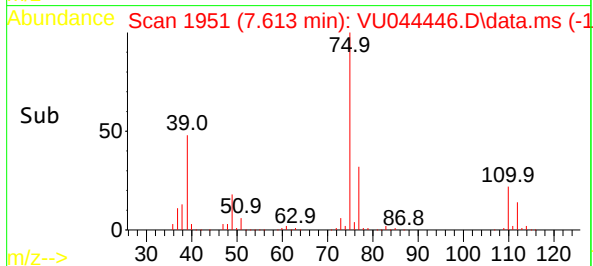
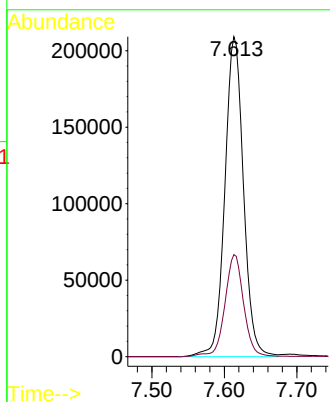
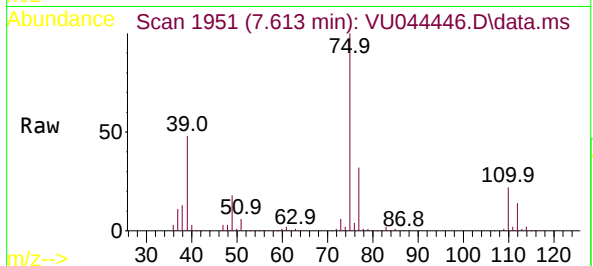




#39
cis-1,3-Dichloropropene
Concen: 23.027 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

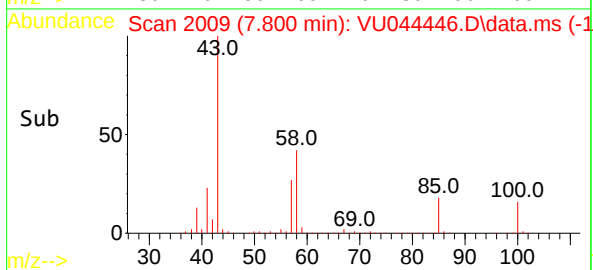
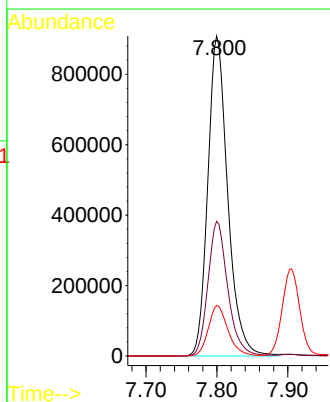
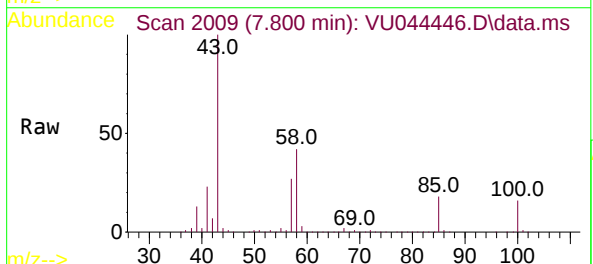
Instrument :
MSVOA_U
ClientSampled :
VSTD020019

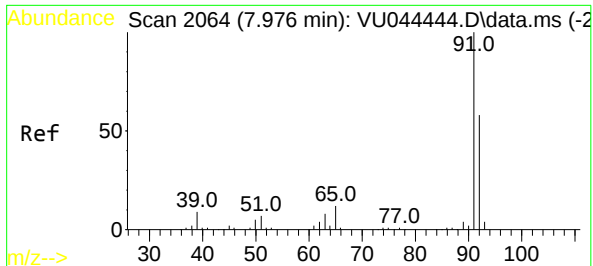
Tgt Ion: 75 Resp: 373079
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 225.901 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 43 Resp: 1771949
Ion Ratio Lower Upper
43 100
58 41.9 32.5 48.7
100 15.7 12.3 18.5

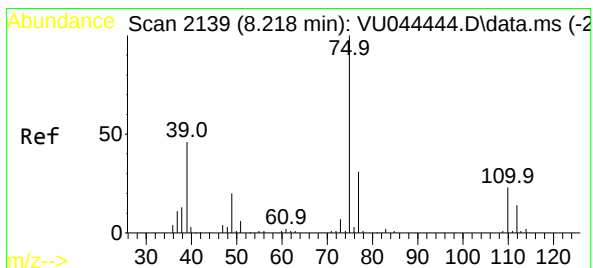
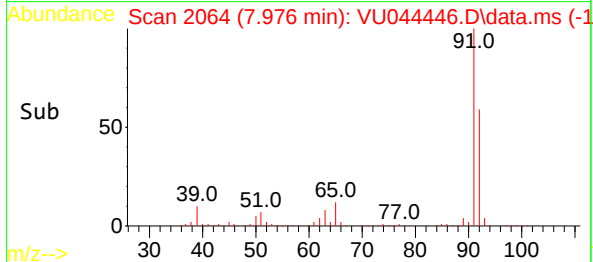
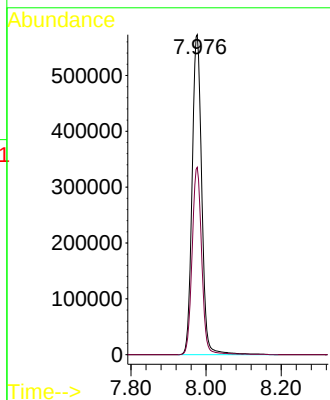
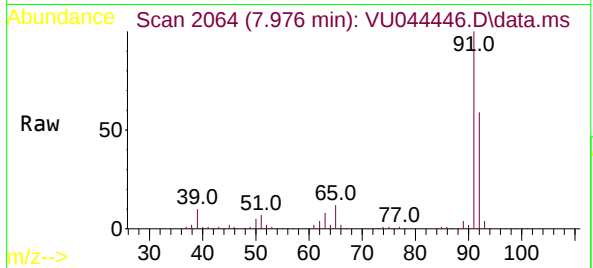




#42
Toluene
Concen: 22.194 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

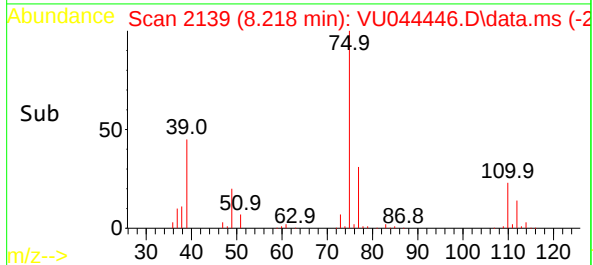
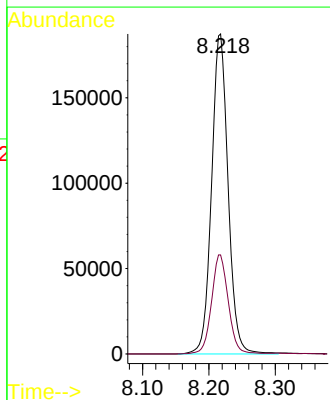
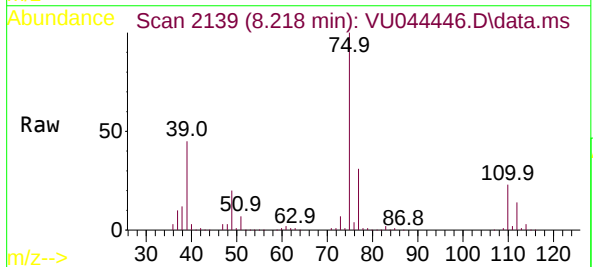
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

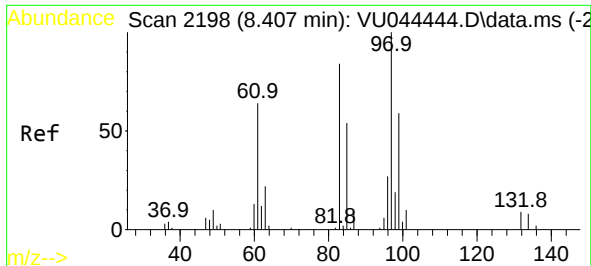
Tgt Ion: 91 Resp: 1019931
Ion Ratio Lower Upper
91 100
92 58.5 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 23.590 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 75 Resp: 323927
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2

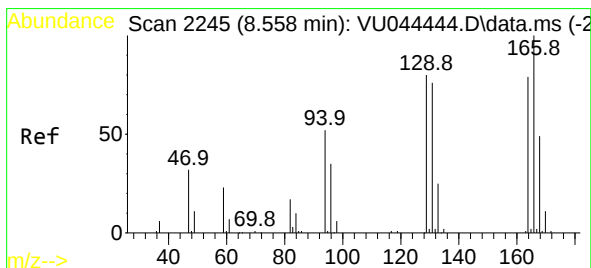
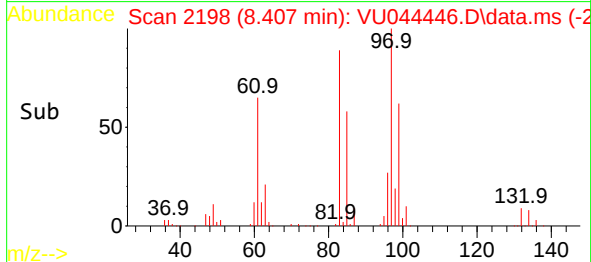
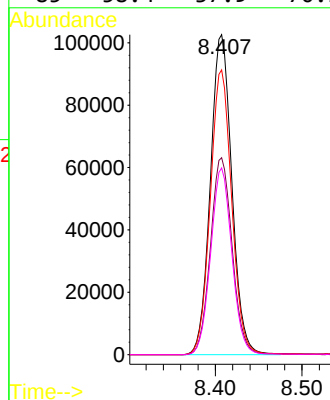
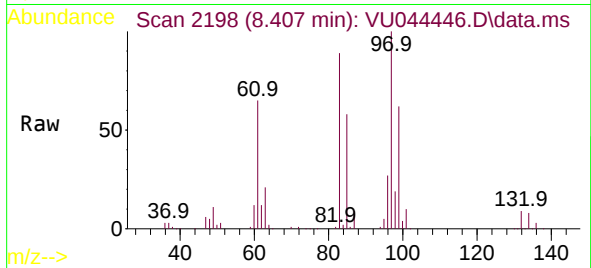




#45
1,1,2-Trichloroethane
Concen: 21.463 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

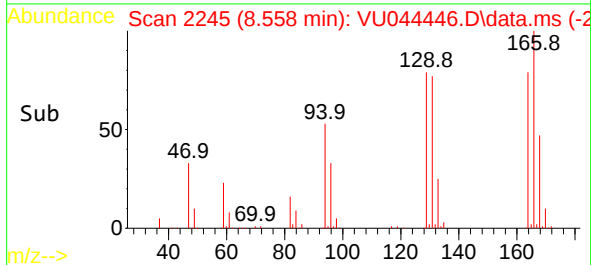
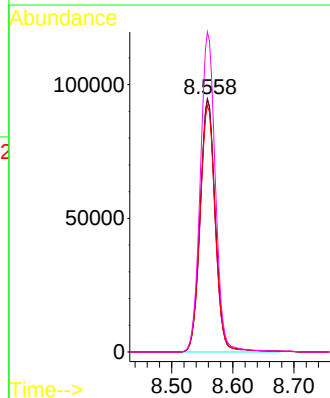
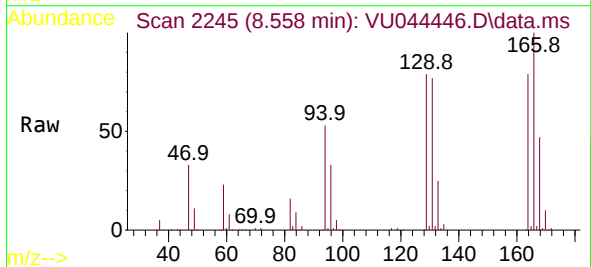
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

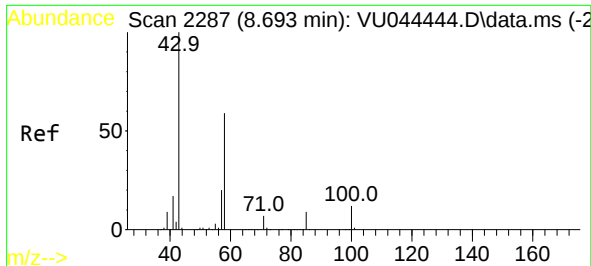
Tgt Ion:	97	Resp:	176817
Ion	Ratio	Lower	Upper
97	100		
99	61.6	41.3	76.7
83	89.0	58.6	108.8
85	58.4	37.9	70.5



#47
Tetrachloroethene
Concen: 21.759 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:	164	Resp:	164111
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.0	131.8
131	97.6	68.0	126.4
166	126.6	89.0	165.4



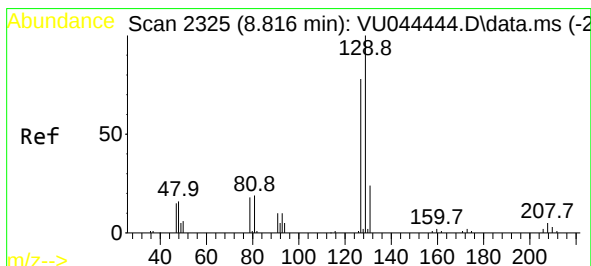
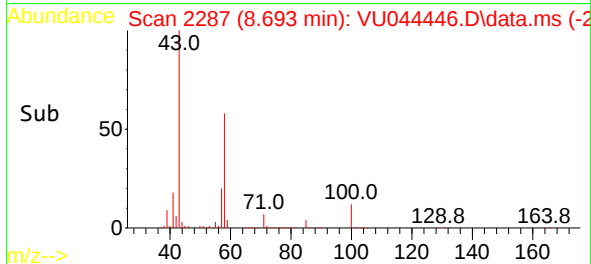
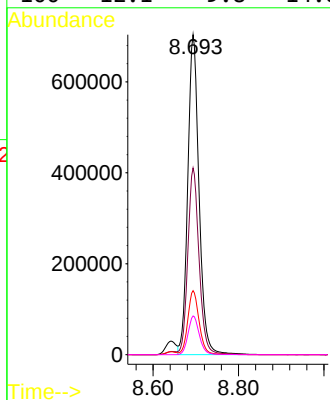
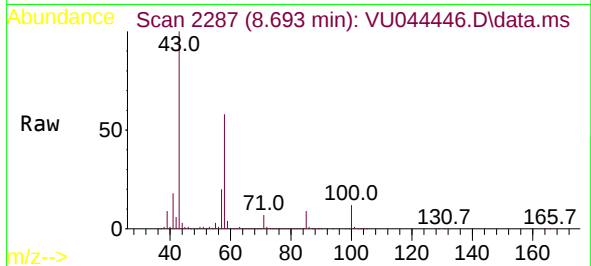


#48
2-Hexanone
Concen: 230.393 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

Tgt Ion: 43 Resp: 1289510

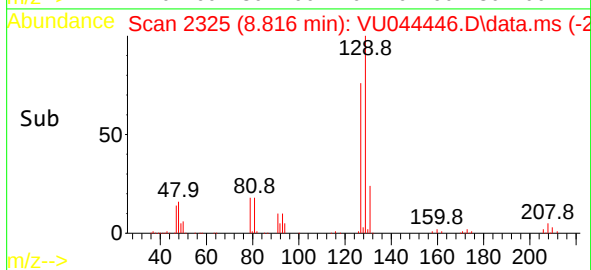
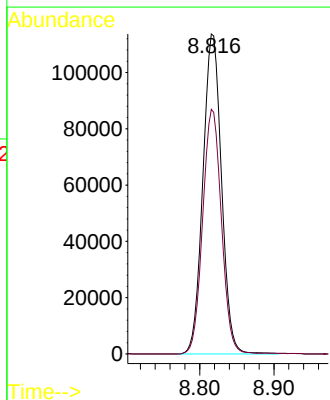
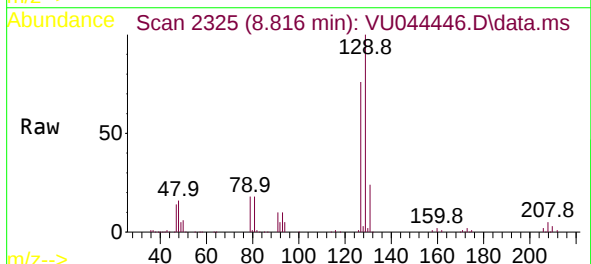
Ion	Ratio	Lower	Upper
43	100		
58	58.3	46.5	69.7
57	20.2	15.8	23.8
100	12.1	9.8	14.8

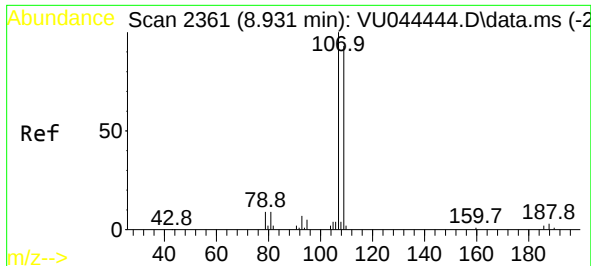


#49
Dibromochloromethane
Concen: 22.666 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 129 Resp: 197595

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.7	101.7

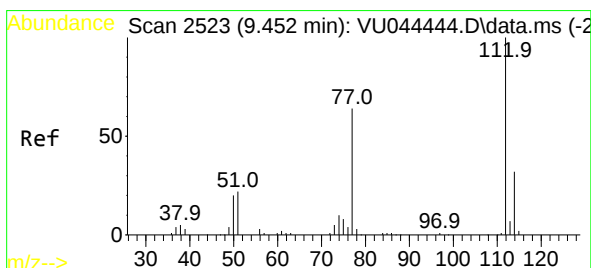
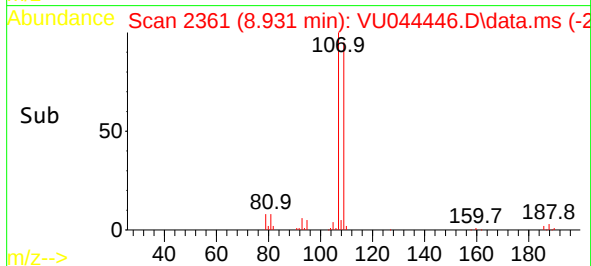
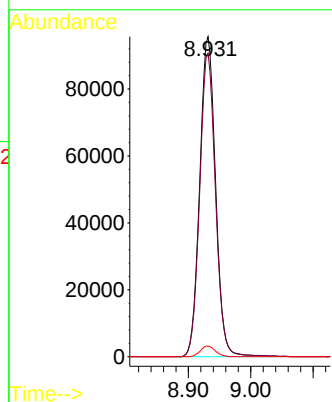
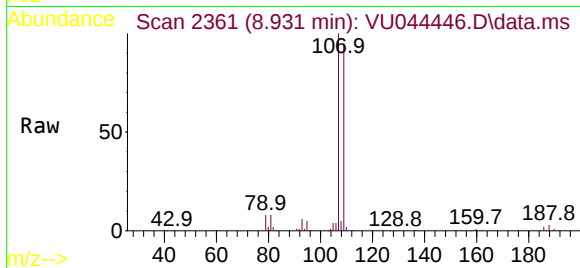




#50
1,2-Dibromoethane
Concen: 21.467 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

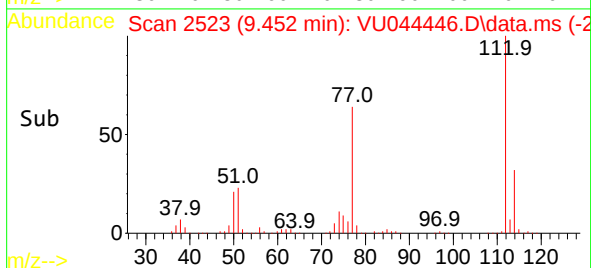
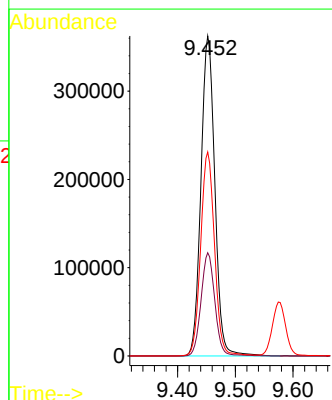
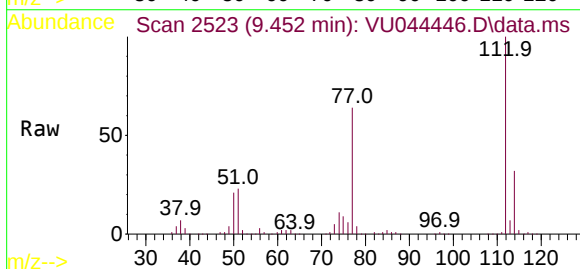
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

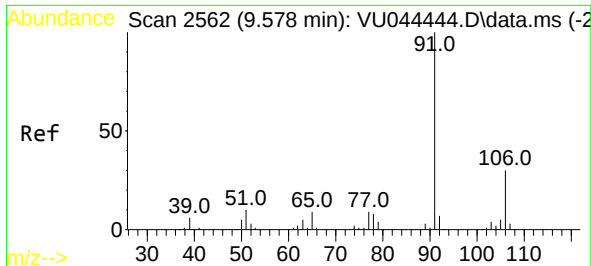
Tgt Ion:107 Resp: 169154
Ion Ratio Lower Upper
107 100
109 94.8 65.2 121.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 21.506 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:112 Resp: 606545
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 63.7 51.3 76.9

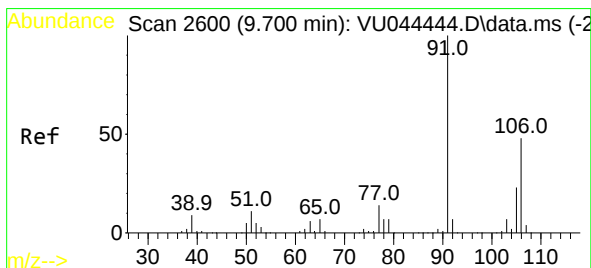
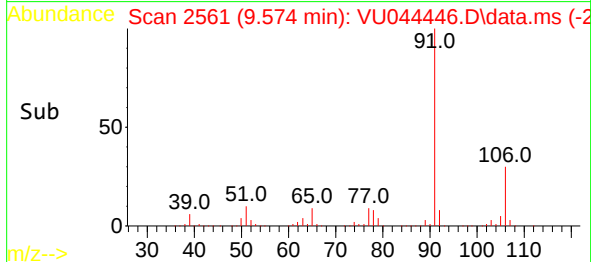
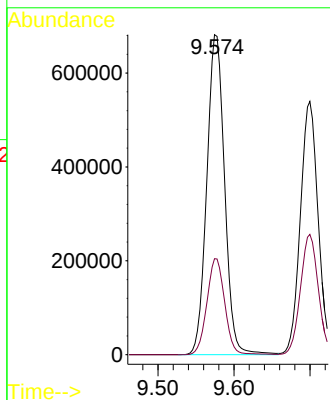
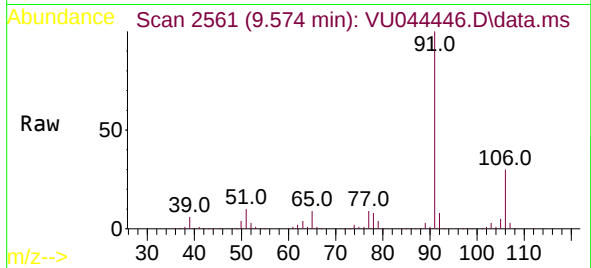




#52
Ethylbenzene
Concen: 22.862 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

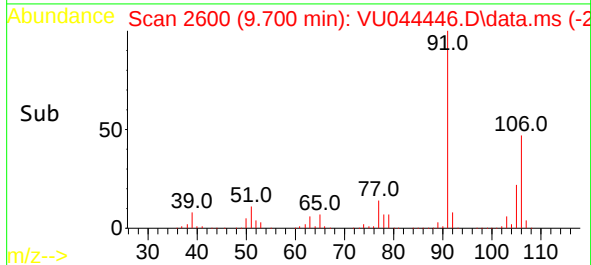
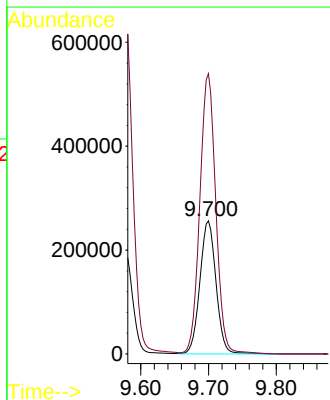
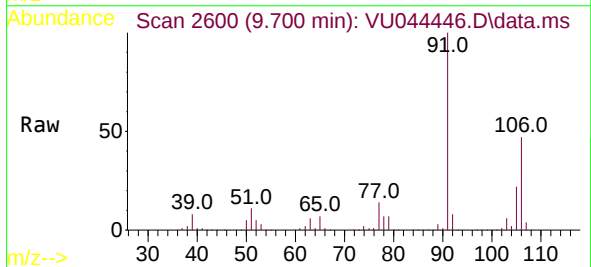
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

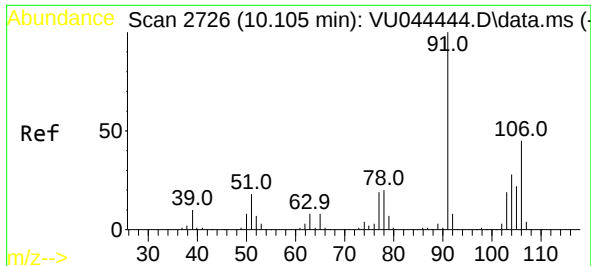
Tgt Ion: 91 Resp: 1109879
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.6



#53
m,p-Xylene
Concen: 23.167 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 106 Resp: 422829
Ion Ratio Lower Upper
106 100
91 210.6 146.2 271.6

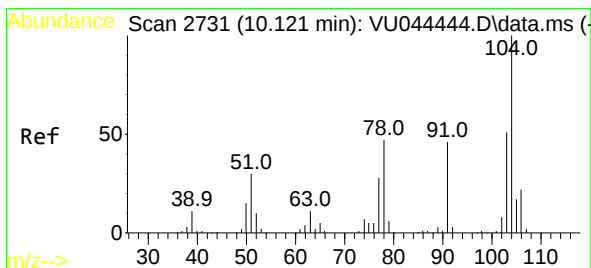
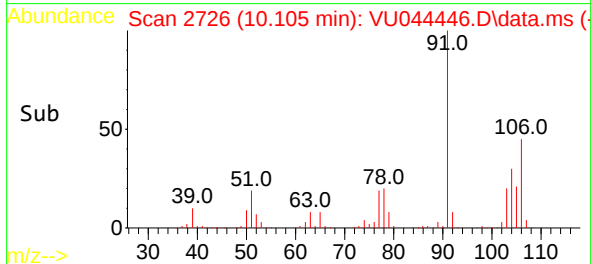
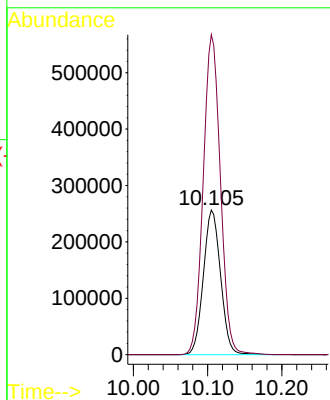
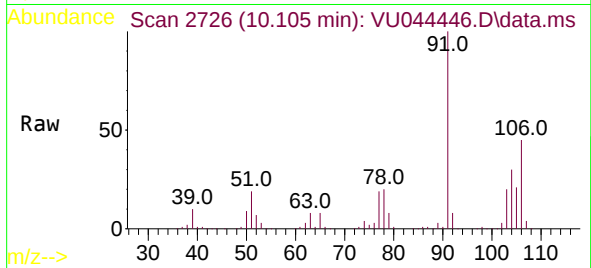




#54
o-Xylene
Concen: 23.191 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

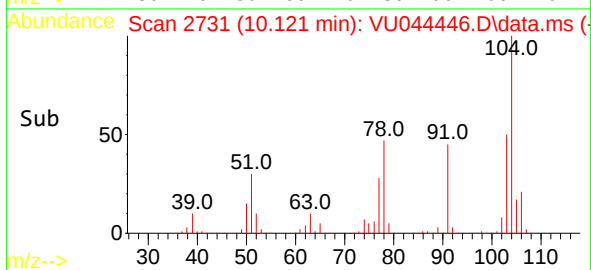
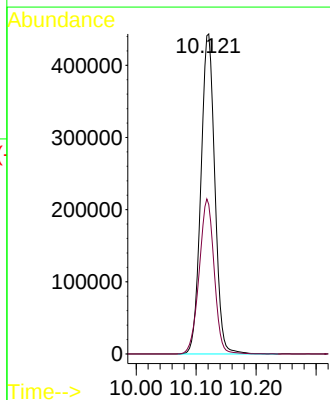
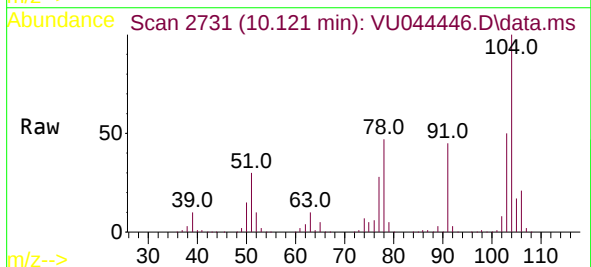
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

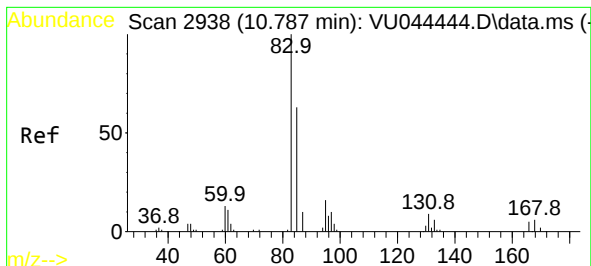
Tgt Ion:106 Resp: 412297
Ion Ratio Lower Upper
106 100
91 221.3 154.4 286.8



#55
Styrene
Concen: 24.713 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:104 Resp: 720319
Ion Ratio Lower Upper
104 100
78 46.7 32.6 60.5

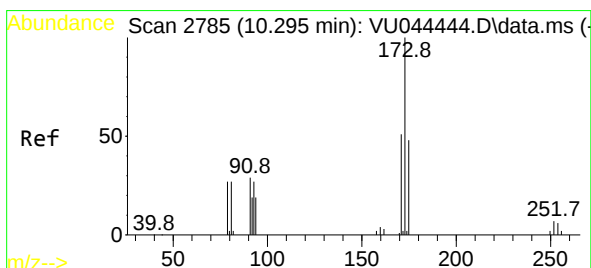
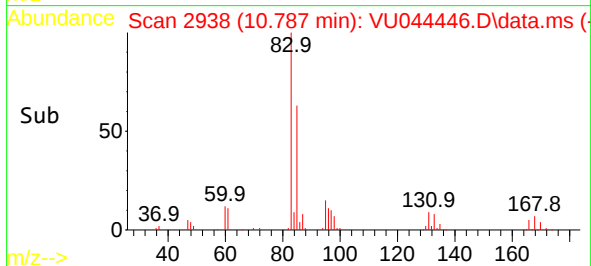
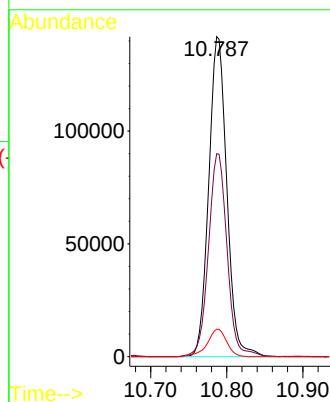
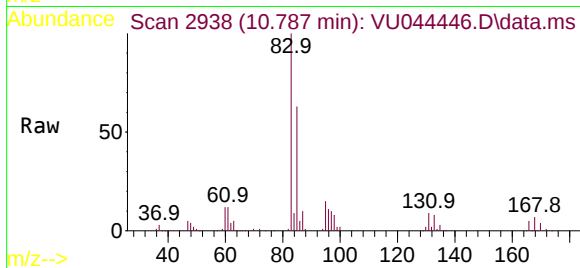




#57
1,1,2,2-Tetrachloroethane
Concen: 21.615 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU0444446.D
Acq: 18 Aug 2021 13:09

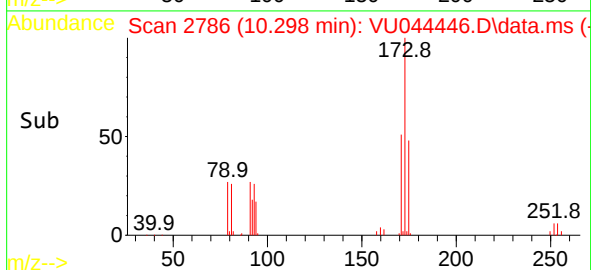
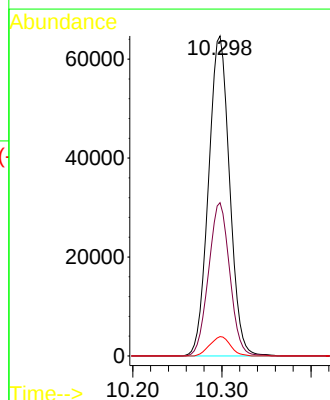
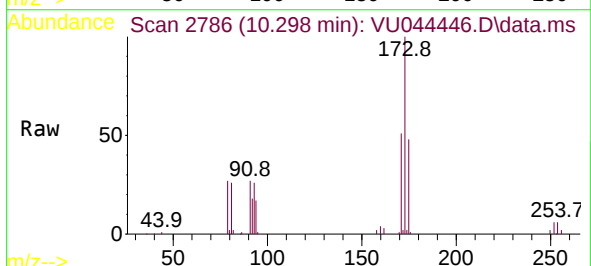
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

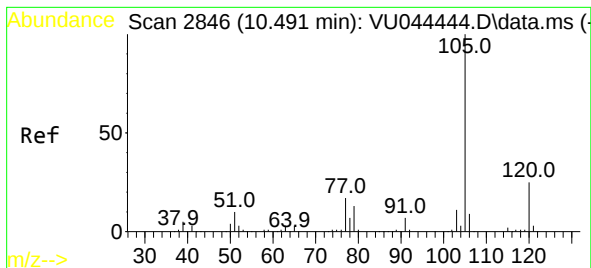
Tgt Ion:	83	Resp:	234452
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.2	82.2
131	8.6	6.9	10.3



#59
Bromoform
Concen: 22.517 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:	173	Resp:	106047
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.0	57.0
254	5.9	4.3	6.5

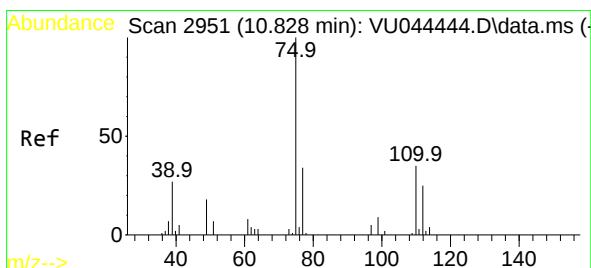
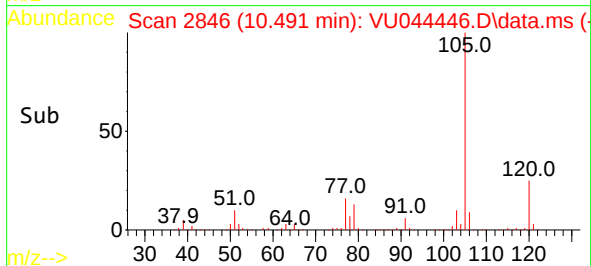
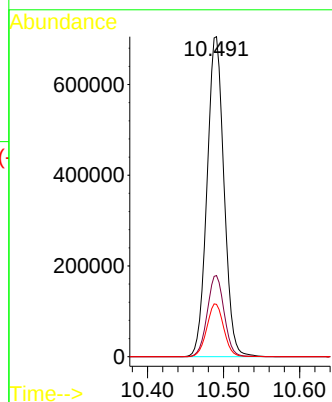
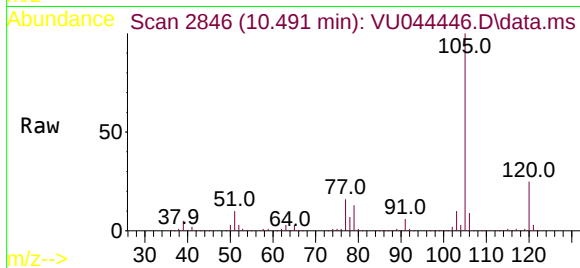




#60
Isopropylbenzene
Concen: 22.428 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

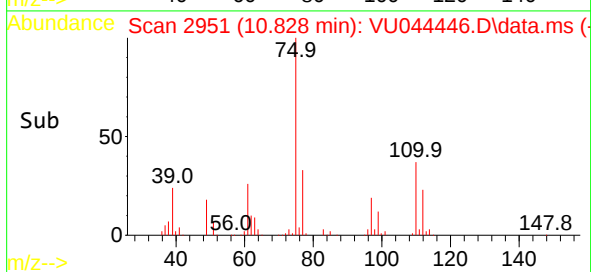
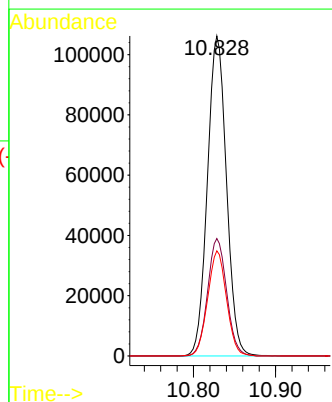
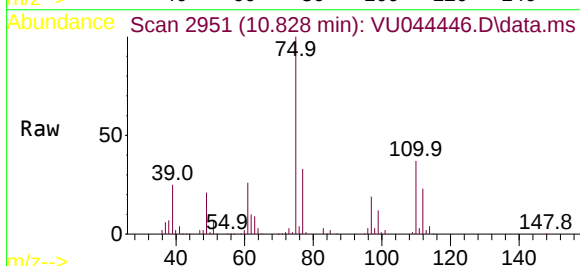
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

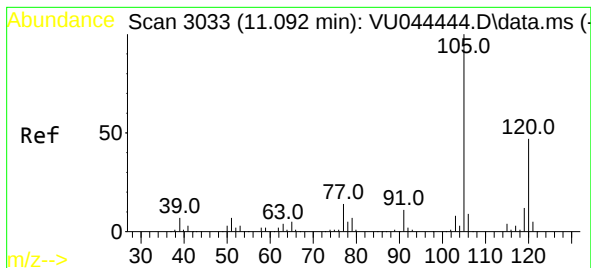
Tgt Ion:105 Resp: 1091095
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 20.619 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 75 Resp: 171755
Ion Ratio Lower Upper
75 100
110 36.7 28.4 42.6
77 32.5 26.5 39.7

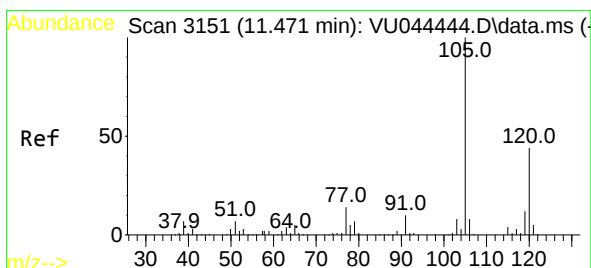
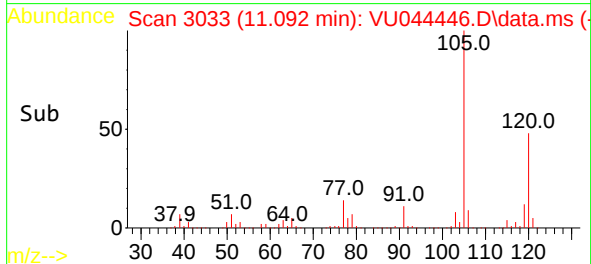
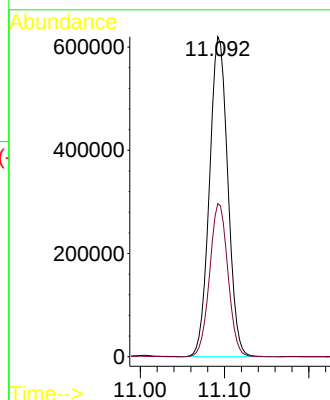
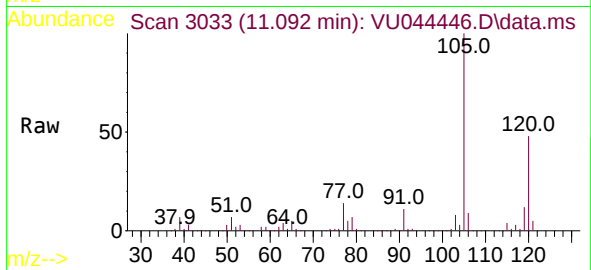




#62
1,3,5-Trimethylbenzene
Concen: 23.586 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

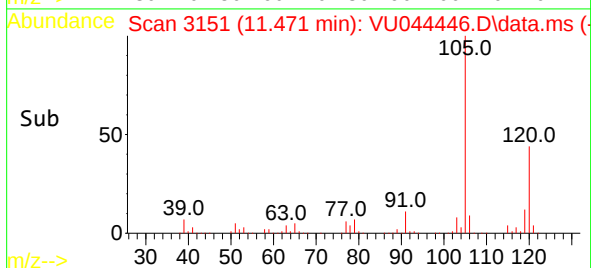
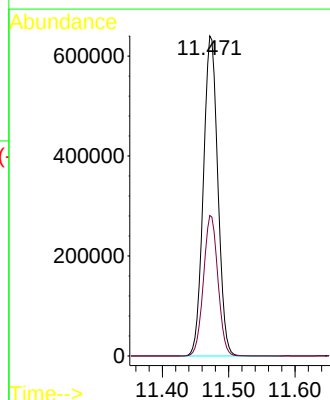
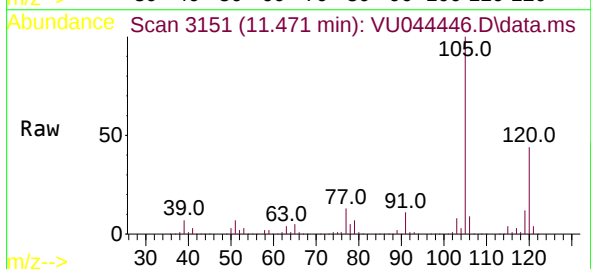
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

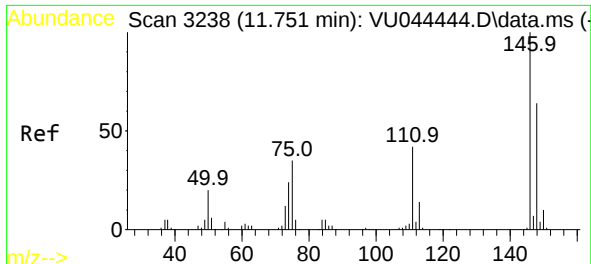
Tgt Ion:105 Resp: 938260
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 23.746 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:105 Resp: 968616
Ion Ratio Lower Upper
105 100
120 43.9 35.2 52.8

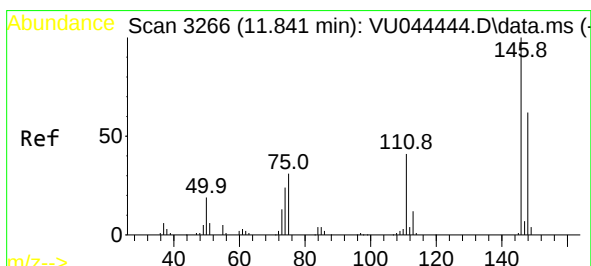
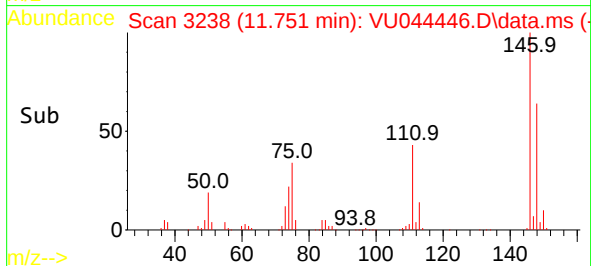
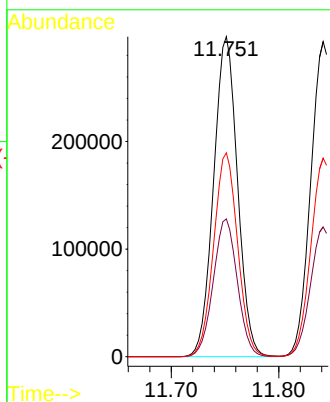
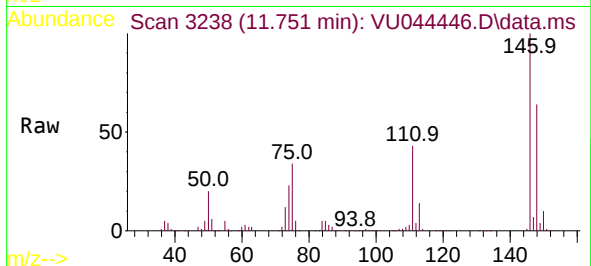




#64
1,3-Dichlorobenzene
Concen: 21.546 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 13:09

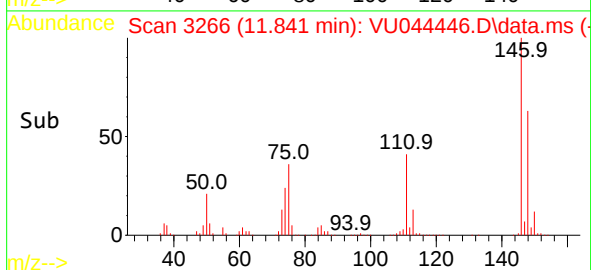
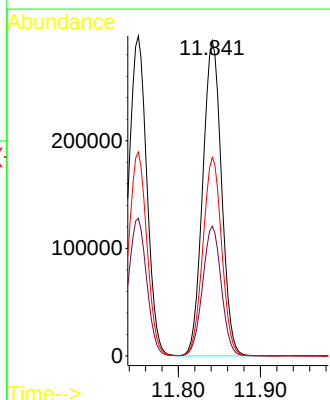
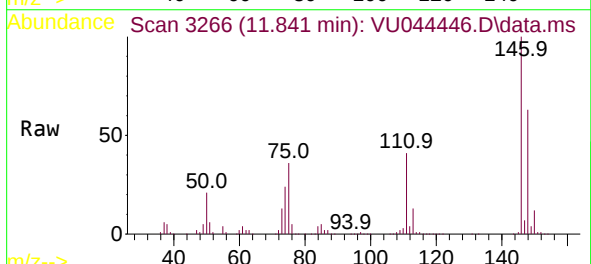
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

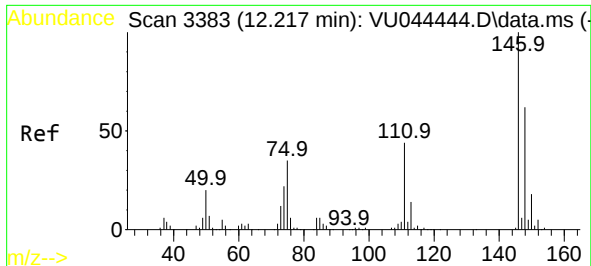
Tgt Ion:146 Resp: 460268
Ion Ratio Lower Upper
146 100
111 43.0 29.6 55.0
148 63.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 21.572 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:146 Resp: 465571
Ion Ratio Lower Upper
146 100
111 41.2 28.8 53.4
148 63.1 43.6 81.0

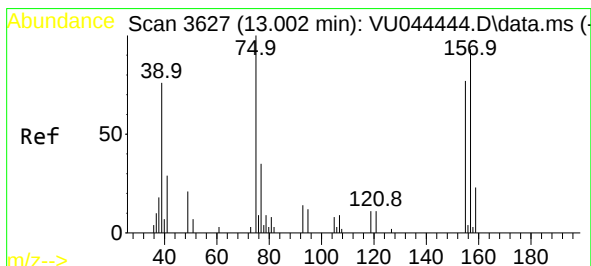
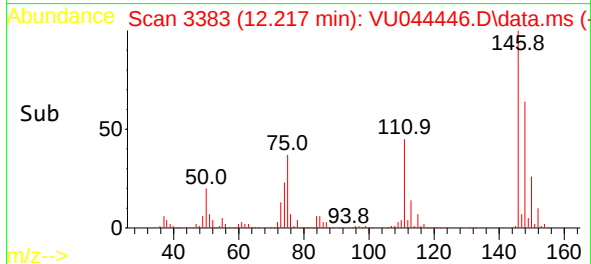
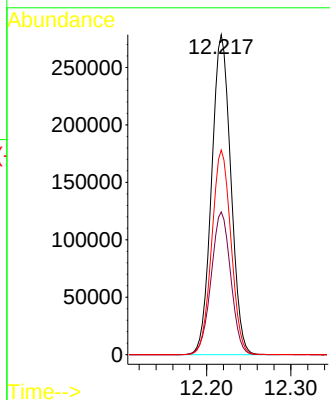
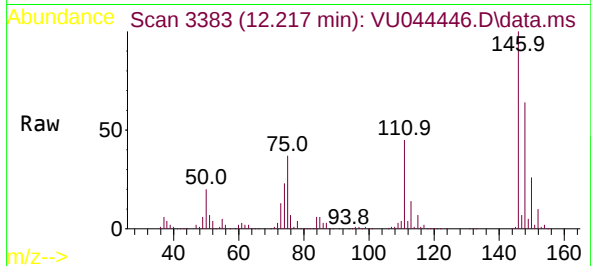




#67
1,2-Dichlorobenzene
Concen: 21.658 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

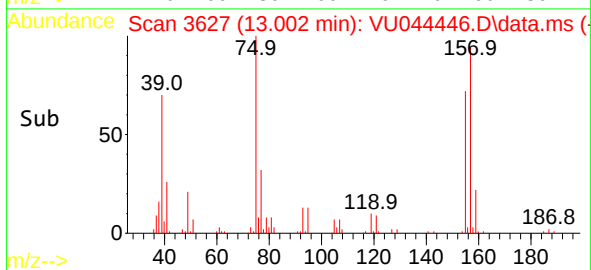
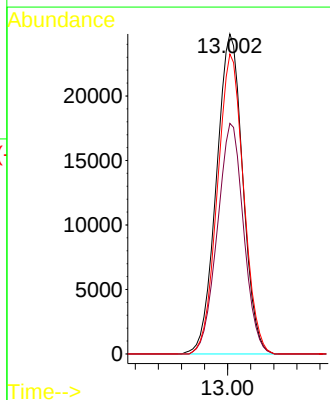
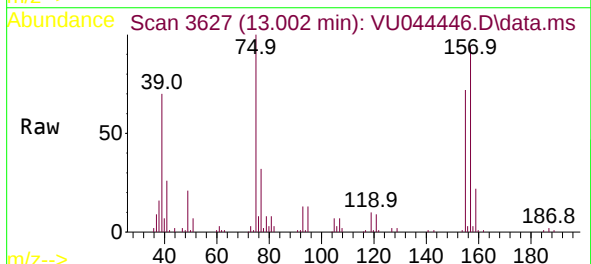
Instrument :
MSVOA_U
ClientSampleId :
VSTD020019

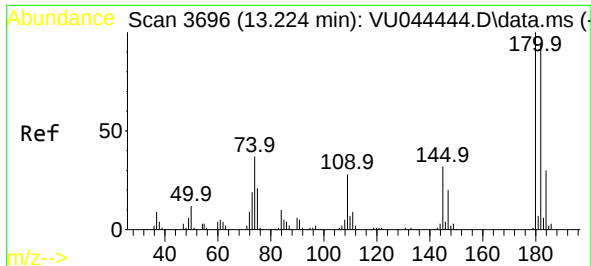
Tgt Ion:146 Resp: 440952
Ion Ratio Lower Upper
146 100
111 44.6 34.9 52.3
148 63.9 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 23.106 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion: 75 Resp: 39371
Ion Ratio Lower Upper
75 100
155 72.1 61.2 91.8
157 93.8 74.2 111.2

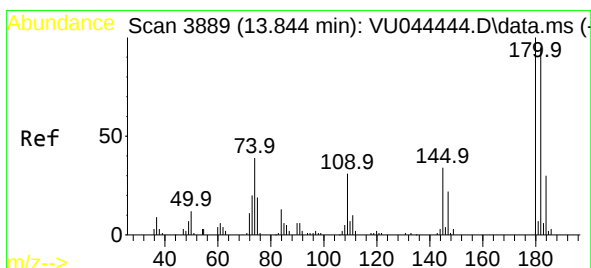
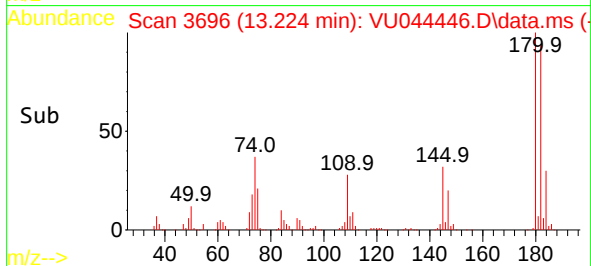
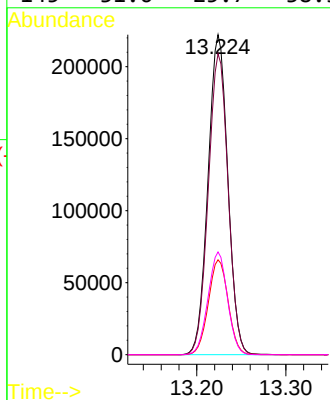
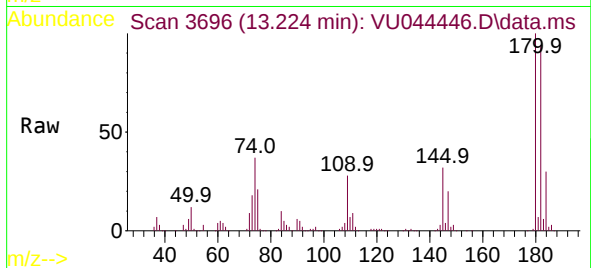




#69
 1,3,5-Trichlorobenzene
 Concen: 22.752 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044446.D
 Acq: 18 Aug 2021 13:09

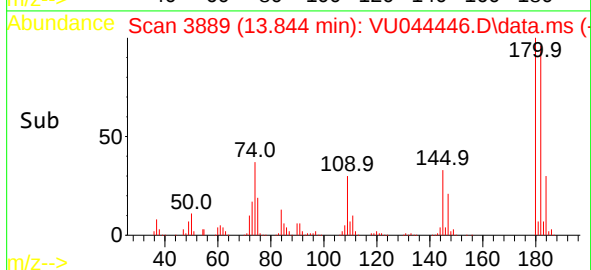
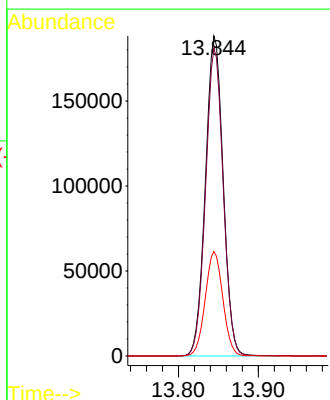
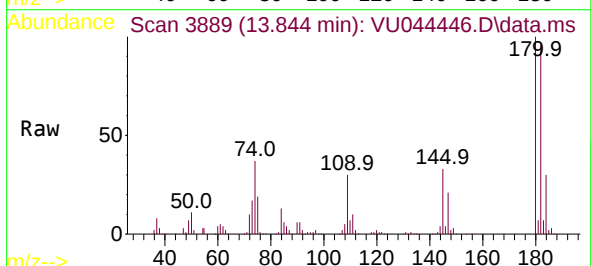
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020019

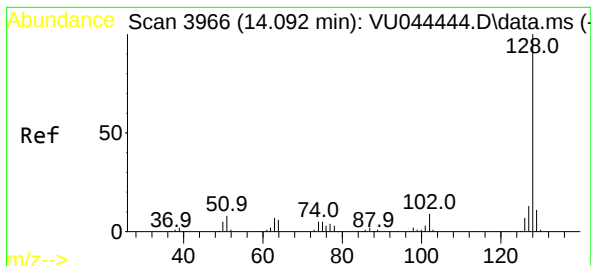
Tgt Ion:180 Resp: 342198
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.6
 184 29.8 24.3 36.5
 145 31.6 25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 24.726 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044446.D
 Acq: 18 Aug 2021 13:09

Tgt Ion:180 Resp: 291473
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.0 114.0
 145 32.3 26.3 39.5

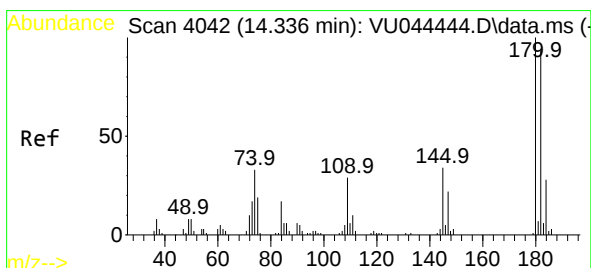
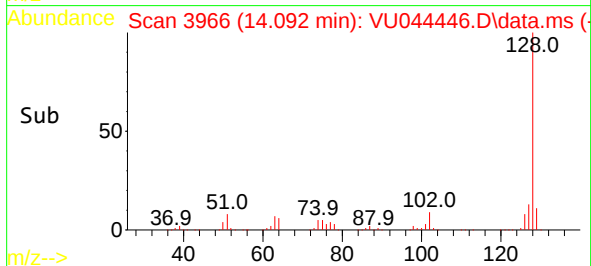
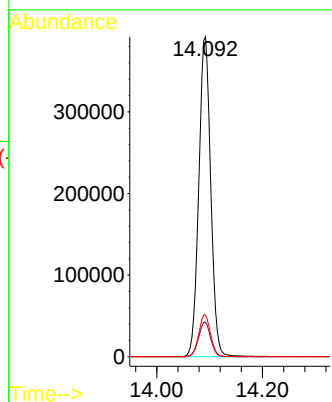
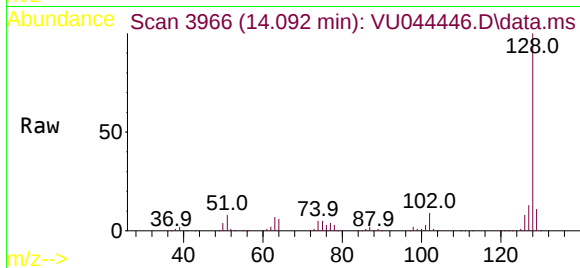




#71
Naphthalene
Concen: 27.342 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Instrument :
MSVOA_U
ClientSampled :
VSTD020019

Tgt Ion:128 Resp: 614527
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 24.689 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044446.D
Acq: 18 Aug 2021 13:09

Tgt Ion:180 Resp: 266463
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 34.8 27.1 40.7

