

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044458.D
 Acq On : 18 Aug 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Aug 19 04:06:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:54:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	122025	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	122763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43640	4.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.916	69	38650	4.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.572	65	19184	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.639	46	101372	37.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.280%
24) Chloroform-d	5.070	84	82651	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.710	65	43446	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.736	84	162934	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.697	67	51494	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.903	98	143853	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.186	79	18254	4.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.642	63	107511	50.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43734	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	49364	4.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	62546	4.984	ug/L	98
3) Chloromethane	1.520	50	76715	4.666	ug/L	99
5) Vinyl chloride	1.607	62	76973	5.065	ug/L	99
6) Bromomethane	1.861	94	43302	5.242	ug/L	98
8) Chloroethane	1.938	64	46952	5.054	ug/L	97
9) Trichlorofluoromethane	2.141	101	88168	5.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	48694	5.093	ug/L	98
12) 1,1-Dichloroethene	2.585	96	47481	5.063	ug/L	96
13) Acetone	2.646	43	60590	26.734	ug/L	85
14) Carbon disulfide	2.800	76	151082	4.967	ug/L	100
15) Methyl Acetate	2.961	43	15982	4.317	ug/L #	87
16) Methylene chloride	3.051	84	63304	4.543	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	123687	5.100	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	50137	5.131	ug/L	99
19) 1,1-Dichloroethane	3.877	63	96629	5.101	ug/L	96
21) 2-Butanone	4.719	43	111700	34.585	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	53969	5.166	ug/L	99
23) Bromochloromethane	4.983	128	23640	5.133	ug/L	97
25) Chloroform	5.096	83	98108	5.048	ug/L	100

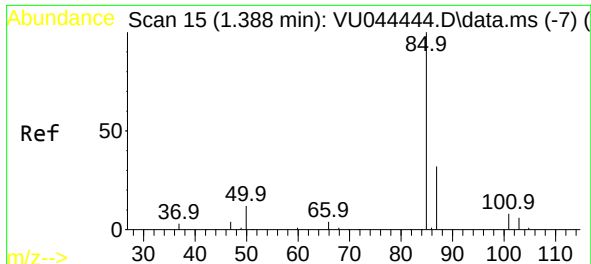
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
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Quant Time: Aug 19 04:06:14 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68487	5.283	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	79306	5.161	ug/L	98
30) Cyclohexane	5.395	56	87764	5.167	ug/L	99
31) Carbon tetrachloride	5.533	117	64013	5.070	ug/L	99
33) Benzene	5.781	78	217554	5.223	ug/L	100
34) Trichloroethene	6.549	95	53885	5.233	ug/L	98
35) Methylcyclohexane	6.768	83	87168	5.076	ug/L	99
37) 1,2-Dichloropropane	6.797	63	56771	5.205	ug/L	99
38) Bromodichloromethane	7.112	83	69544	5.193	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76236	4.984	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	398502	53.814	ug/L	99
42) Toluene	7.973	91	226617	5.223	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	66034	5.094	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	41161	5.292	ug/L	95
47) Tetrachloroethene	8.559	164	36120	5.073	ug/L	98
48) 2-Hexanone	8.694	43	286799	54.277	ug/L	99
49) Dibromochloromethane	8.816	129	42692	5.187	ug/L	99
50) 1,2-Dibromoethane	8.928	107	38802	5.216	ug/L	98
51) Chlorobenzene	9.452	112	137432	5.162	ug/L	99
52) Ethylbenzene	9.575	91	236790	5.167	ug/L	100
53) m,p-Xylene	9.697	106	91541	5.313	ug/L	100
54) o-Xylene	10.105	106	88327	5.263	ug/L	100
55) Styrene	10.118	104	153649	5.584	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	53495	5.224	ug/L	99
59) Bromoform	10.298	173	21891	5.062	ug/L	99
60) Isopropylbenzene	10.488	105	232528	5.206	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	39517	5.167	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	190105	5.205	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	197553	5.275	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	100334	5.115	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	100878	5.091	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	97009	5.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	7842	5.012	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	68445	4.956	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	54415	5.028	ug/L	99
71) Naphthalene	14.092	128	105786	5.126	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	51342	5.181	ug/L	99

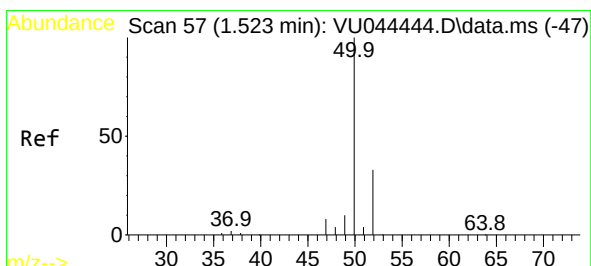
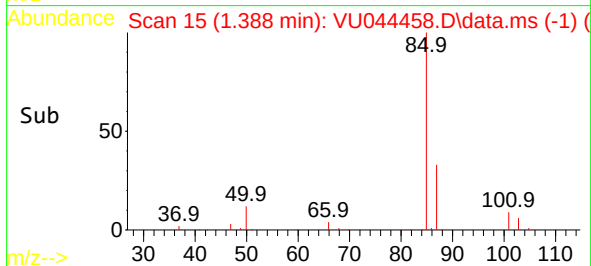
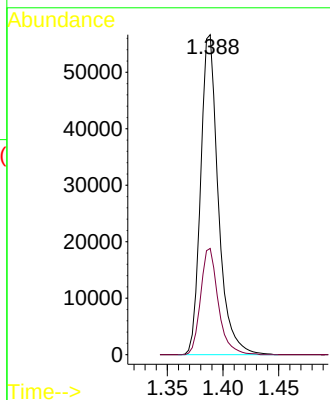
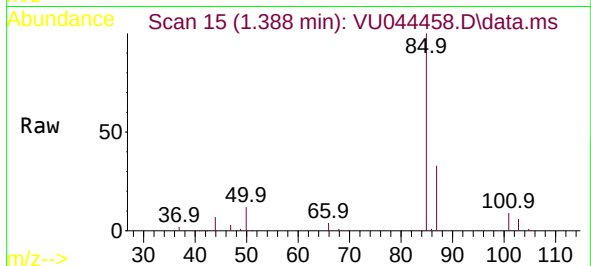
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.984 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

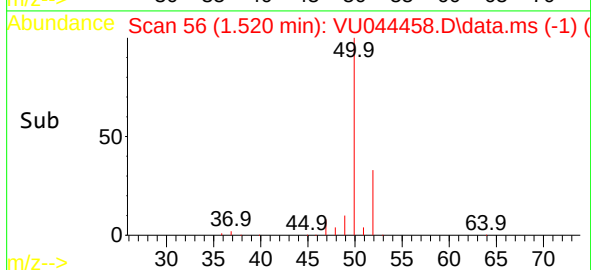
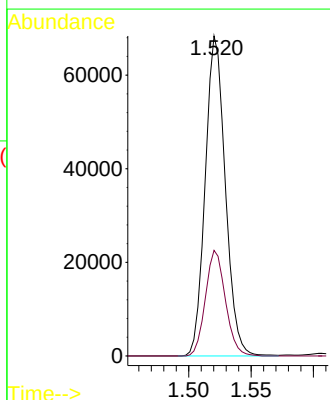
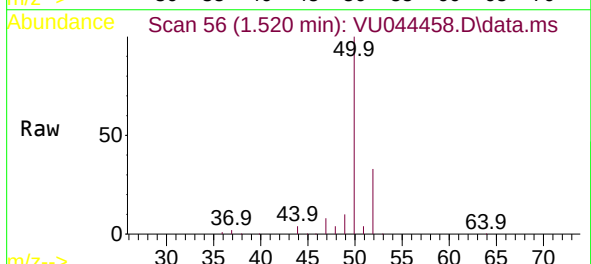
Instrument :
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ClientSampleId :
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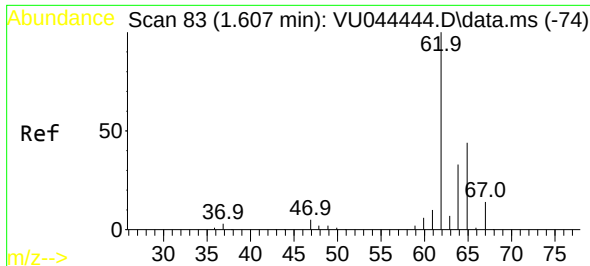
Tgt Ion: 85 Resp: 62546
Ion Ratio Lower Upper
85 100
87 33.2 25.7 38.5



#3
Chloromethane
Concen: 4.666 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 50 Resp: 76715
Ion Ratio Lower Upper
50 100
52 33.0 22.8 42.4

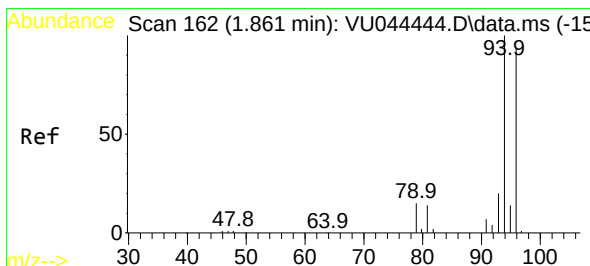
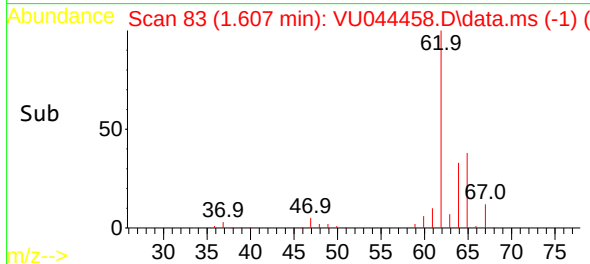
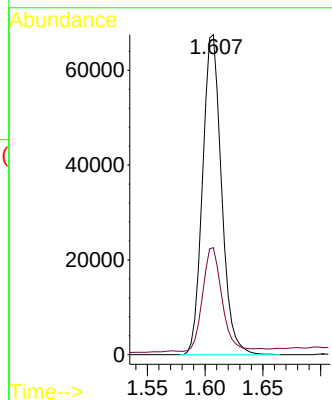
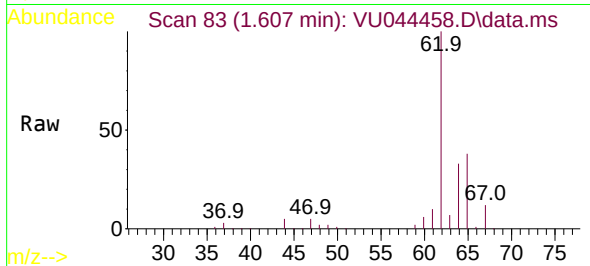




#5
 Vinyl chloride
 Concen: 5.065 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

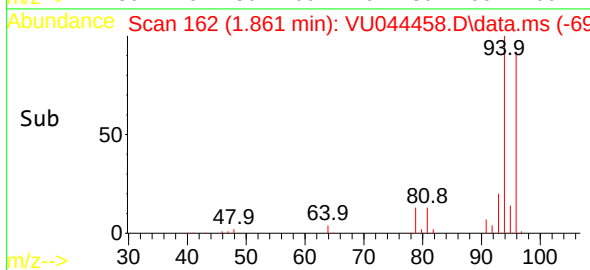
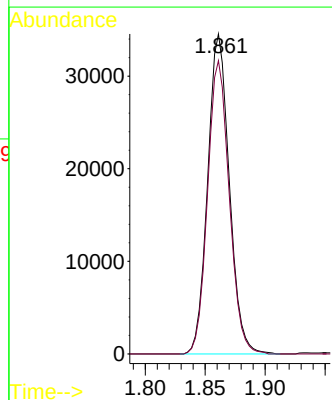
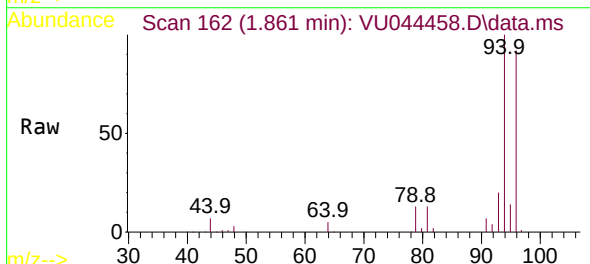
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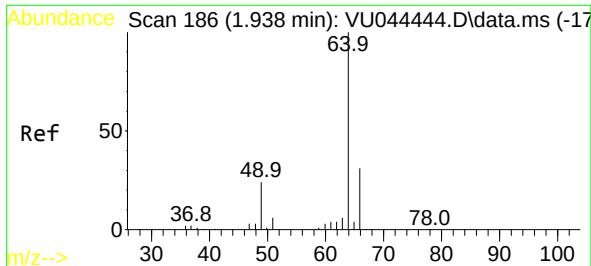
Tgt Ion: 62 Resp: 76973
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 5.242 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

Tgt Ion: 94 Resp: 43302
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.2 121.2

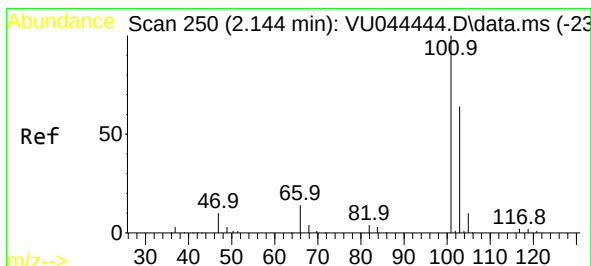
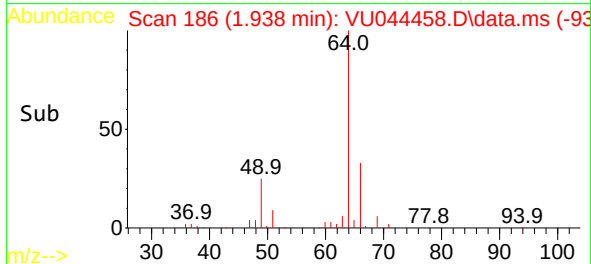
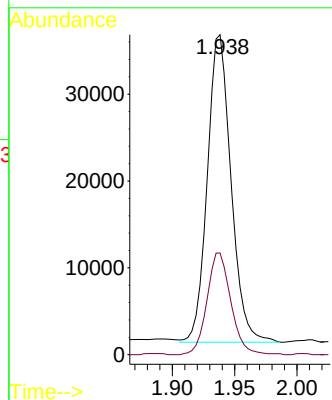
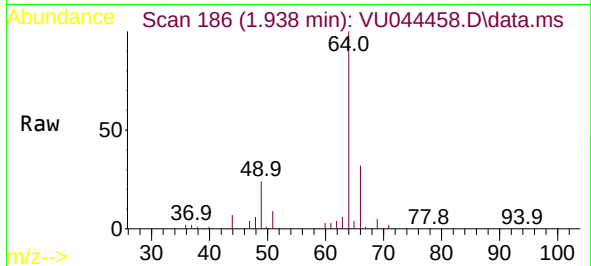




#8
Chloroethane
Concen: 5.054 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

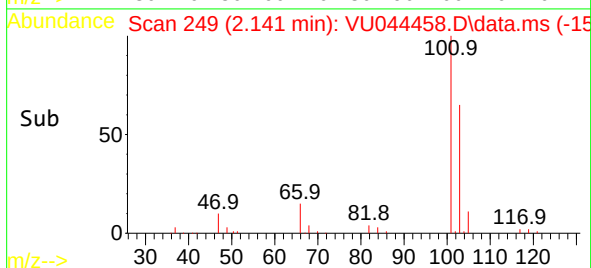
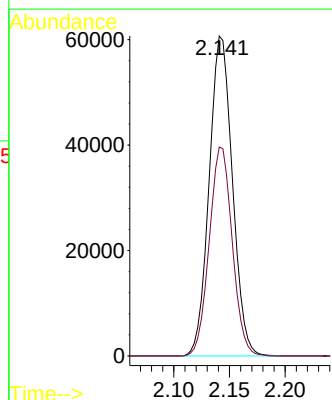
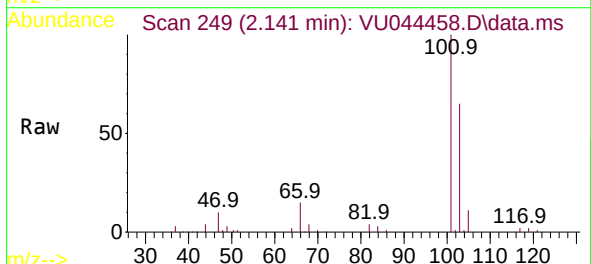
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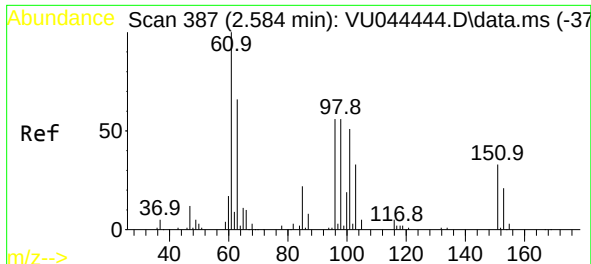
Tgt Ion: 64 Resp: 46952
Ion Ratio Lower Upper
64 100
66 31.8 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.074 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:101 Resp: 88168
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

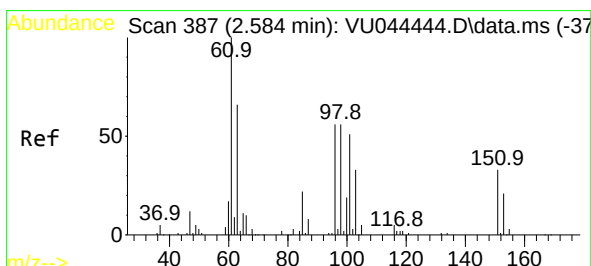
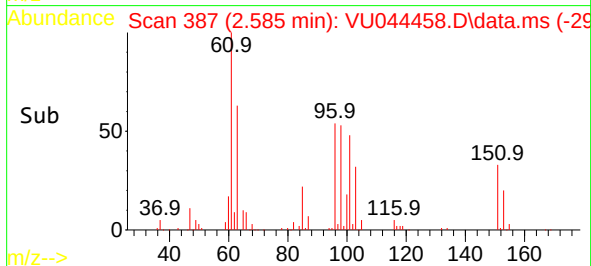
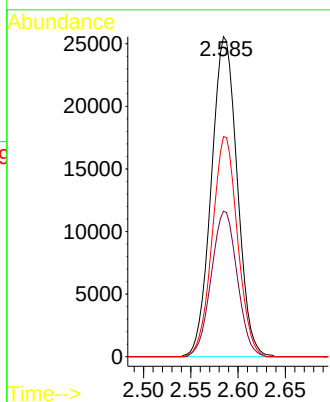
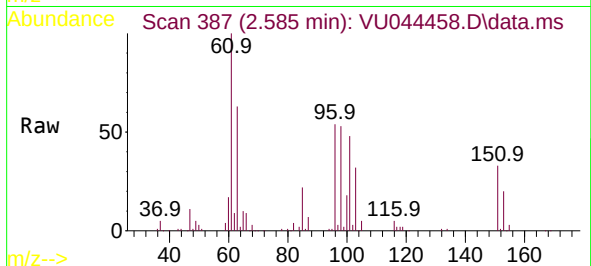




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.093 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

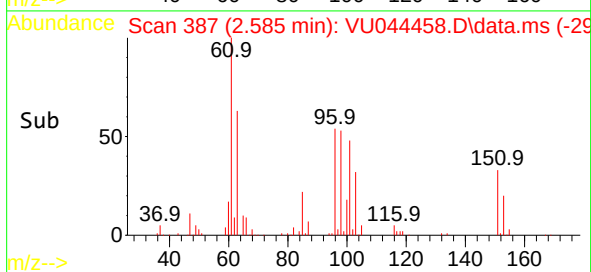
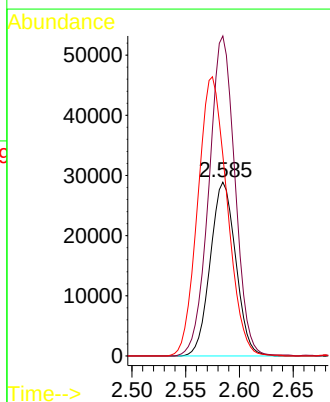
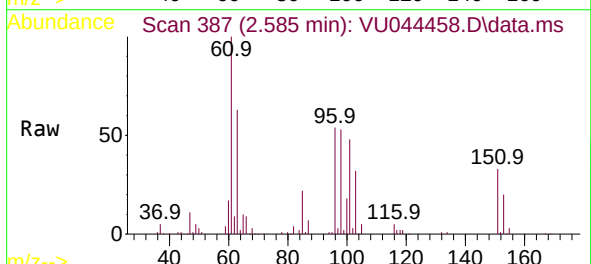
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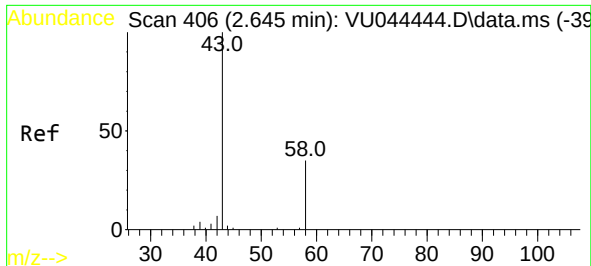
Tgt Ion:101 Resp: 48694
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.3 52.9
 151 67.2 53.0 79.6



#12
 1,1-Dichloroethene
 Concen: 5.063 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

Tgt Ion: 96 Resp: 47481
 Ion Ratio Lower Upper
 96 100
 61 184.1 126.1 234.3
 63 115.5 84.8 157.6

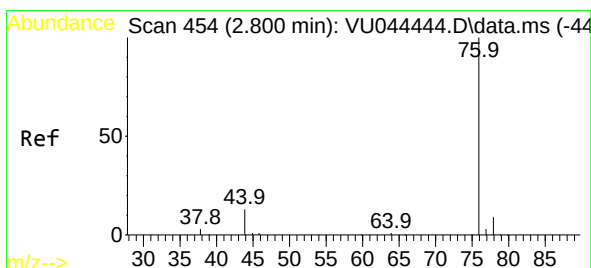
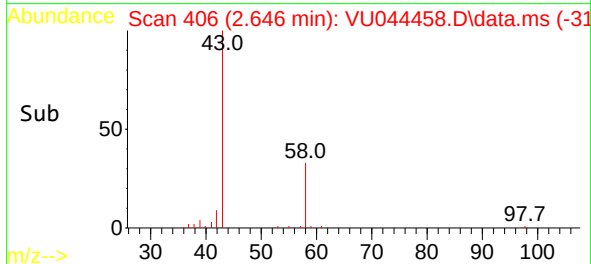
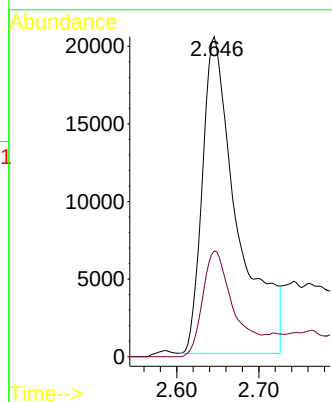
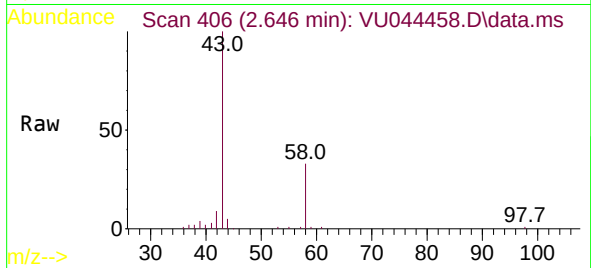




#13
Acetone
Concen: 26.734 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

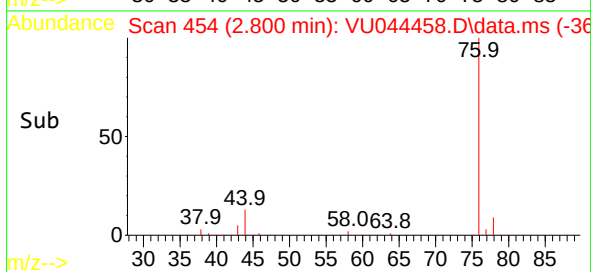
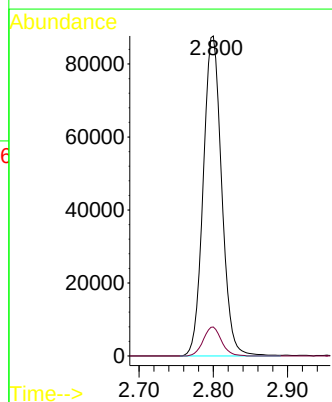
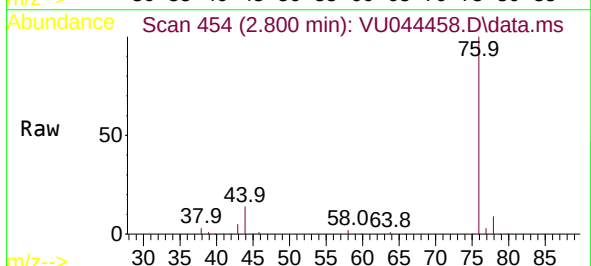
Instrument :
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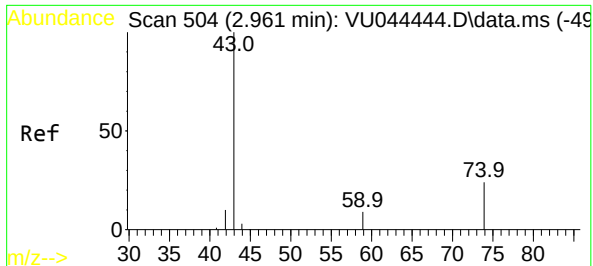
Tgt Ion: 43 Resp: 60590
Ion Ratio Lower Upper
43 100
58 29.7 0.0 45.4



#14
Carbon disulfide
Concen: 4.967 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 76 Resp: 151082
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

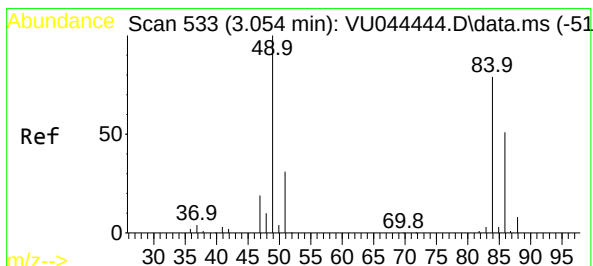
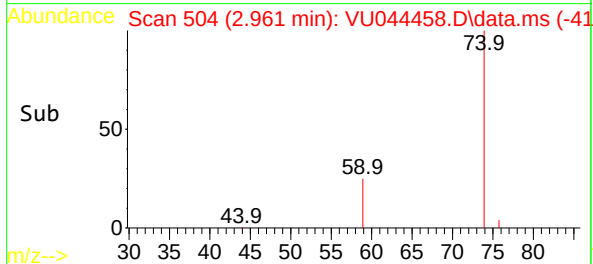
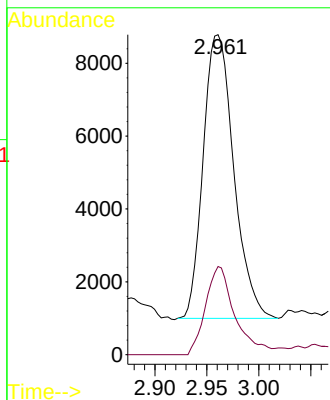
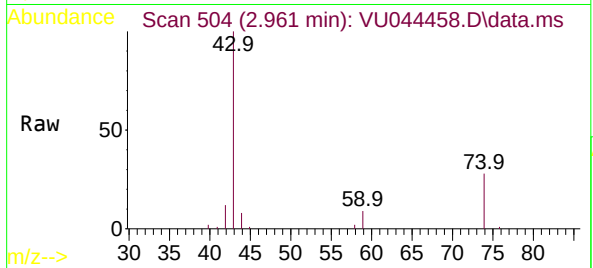




#15
Methyl Acetate
Concen: 4.317 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

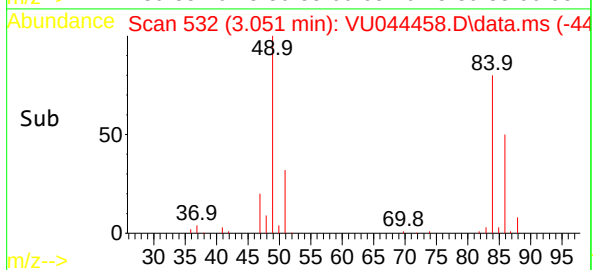
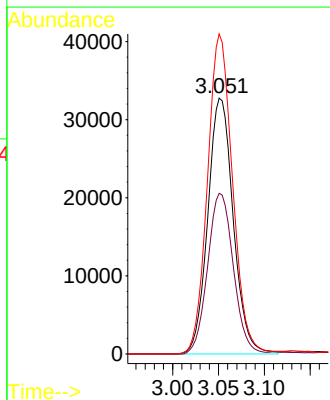
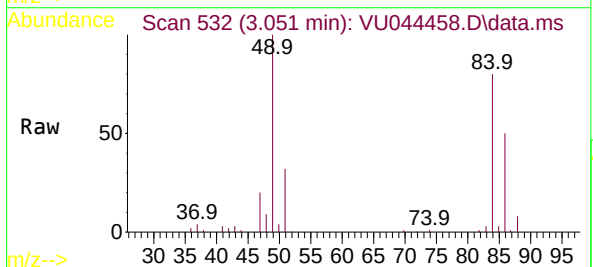
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

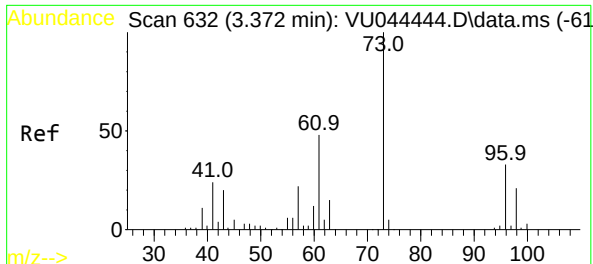
Tgt Ion: 43 Resp: 15982
Ion Ratio Lower Upper
43 100
74 29.9 19.0 28.4#



#16
Methylene chloride
Concen: 4.543 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 84 Resp: 63304
Ion Ratio Lower Upper
84 100
86 62.8 45.2 84.0
49 125.1 88.8 165.0

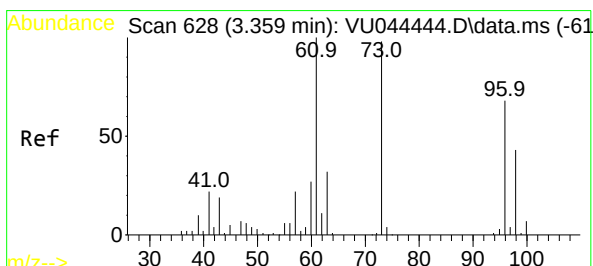
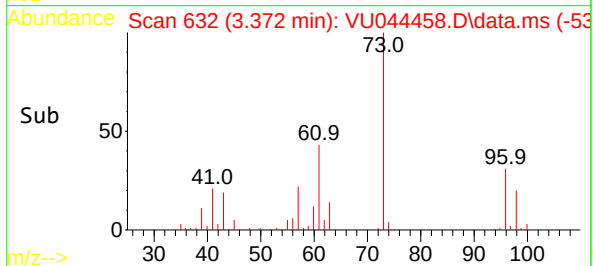
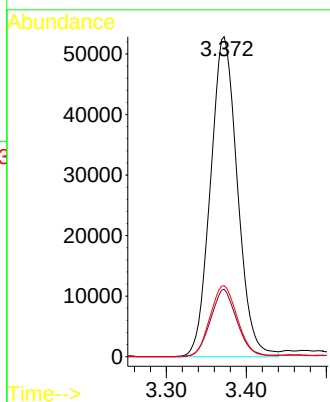
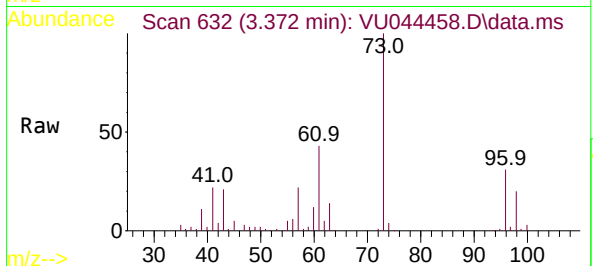




#17
Methyl tert-butyl Ether
Concen: 5.100 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

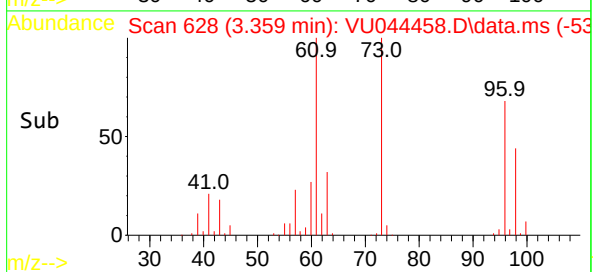
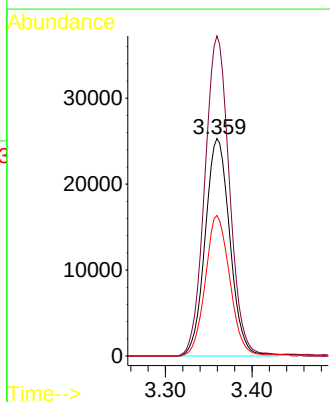
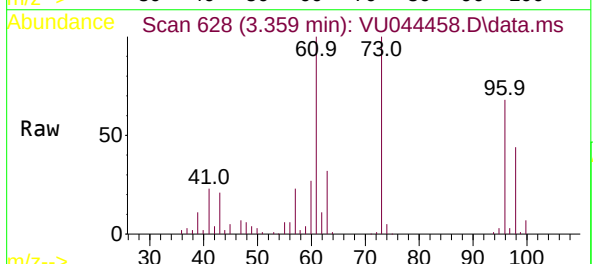
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

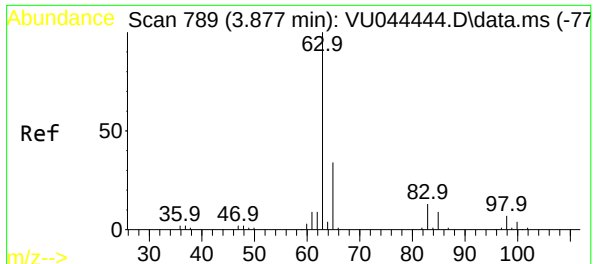
Tgt Ion:	73	Resp:	123687
Ion	Ratio	Lower	Upper
73	100		
43	20.8	16.2	24.4
57	22.5	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:	96	Resp:	50137
Ion	Ratio	Lower	Upper
96	100		
61	147.2	103.7	192.5
98	64.6	44.7	83.1



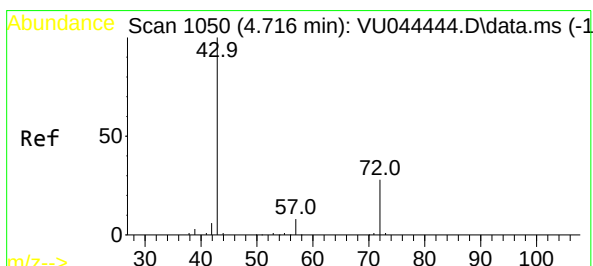
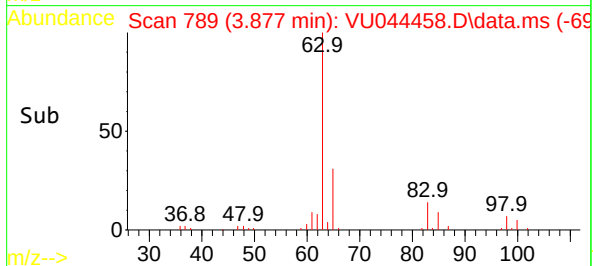
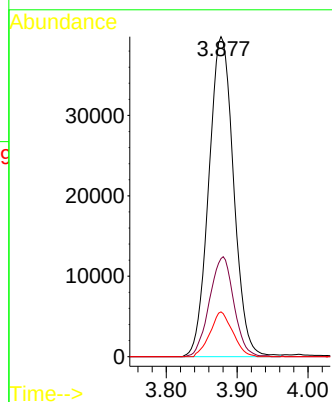
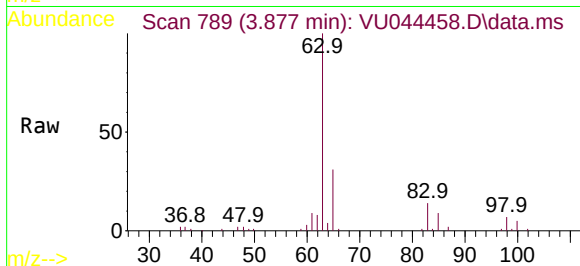


#19

1,1-Dichloroethane
Concen: 5.101 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

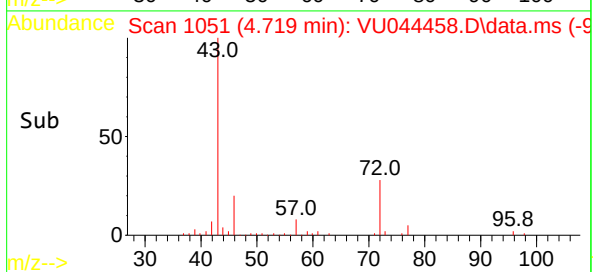
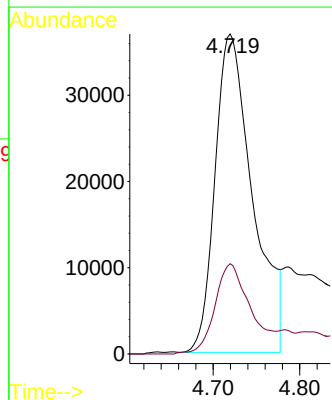
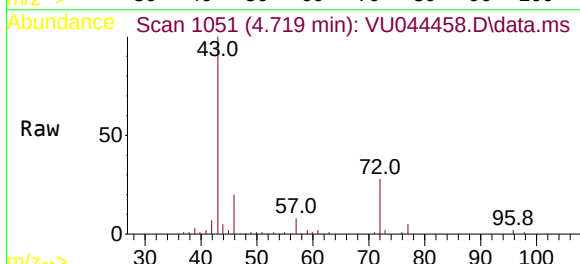
Tgt Ion:	63	Resp:	96629
Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.4	43.6
83	14.0	9.0	16.6

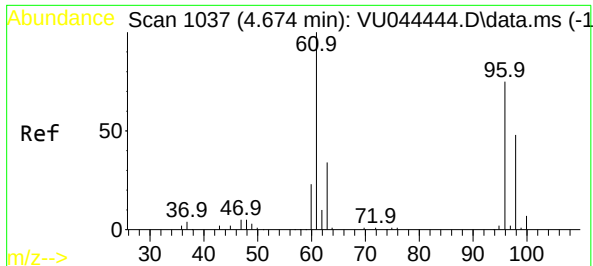


#21

2-Butanone
Concen: 34.585 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:	43	Resp:	111700
Ion	Ratio	Lower	Upper
43	100		
72	26.8	14.1	42.4

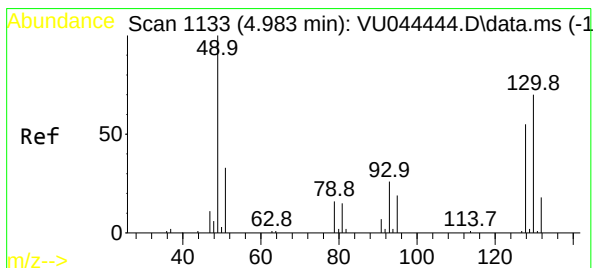
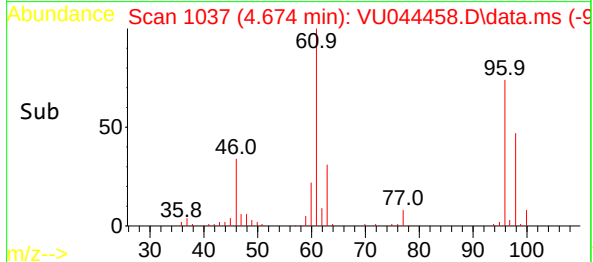
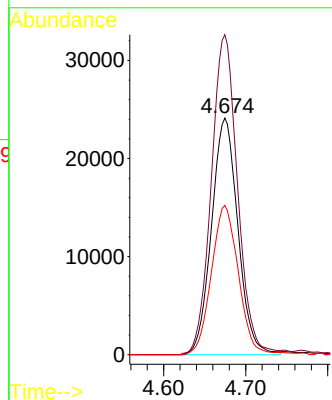
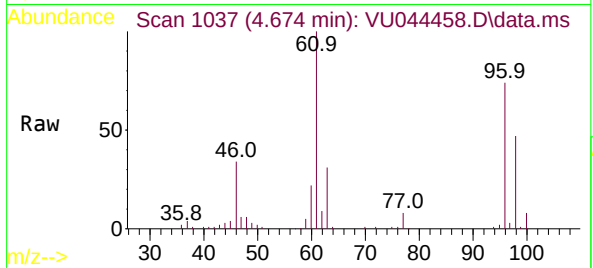




#22
cis-1,2-Dichloroethene
Concen: 5.166 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

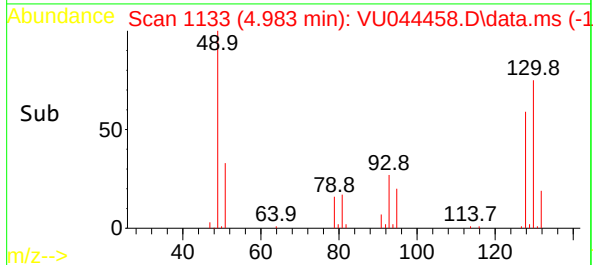
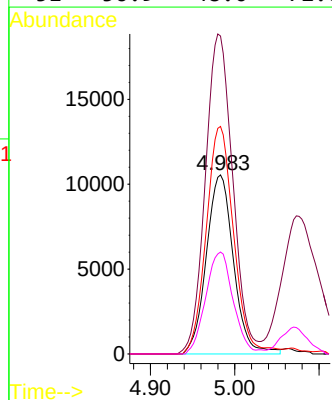
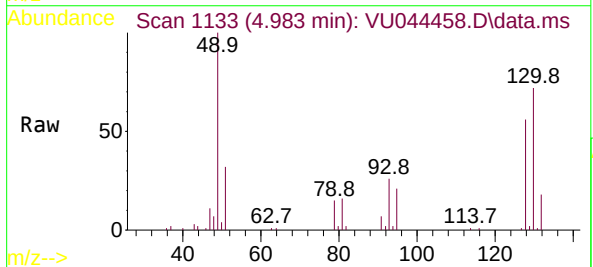
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

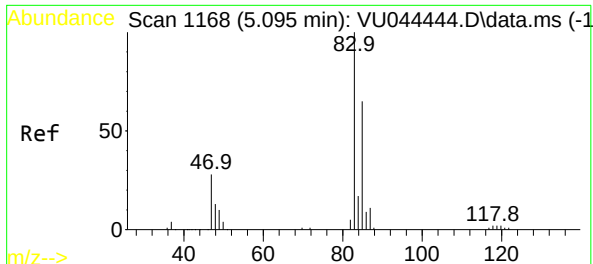
Tgt Ion: 96 Resp: 53969
Ion Ratio Lower Upper
96 100
61 135.2 93.9 174.5
98 63.1 44.7 83.1



#23
Bromochloromethane
Concen: 5.133 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:128 Resp: 23640
Ion Ratio Lower Upper
128 100
49 177.7 128.1 237.9
130 127.1 89.2 165.8
51 56.9 48.0 72.0



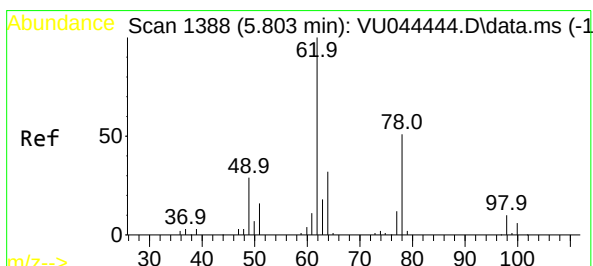
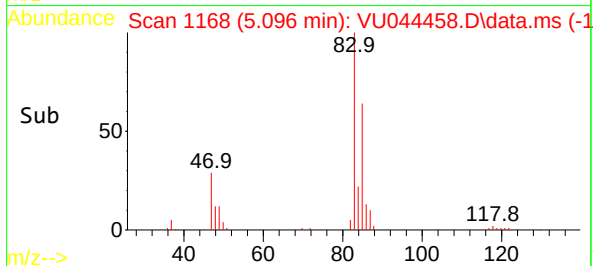
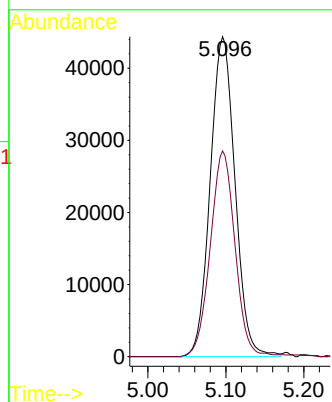
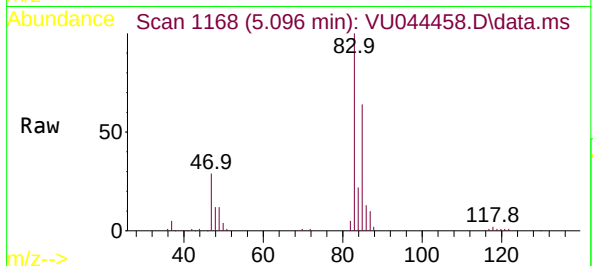


#25

Chloroform
Concen: 5.048 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

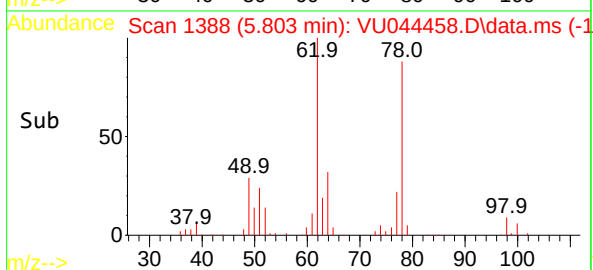
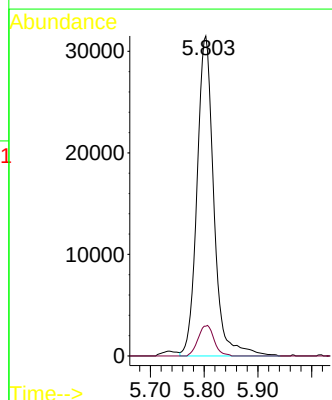
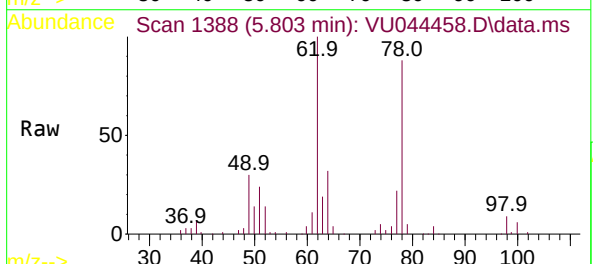
Tgt Ion: 83 Resp: 98108
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1

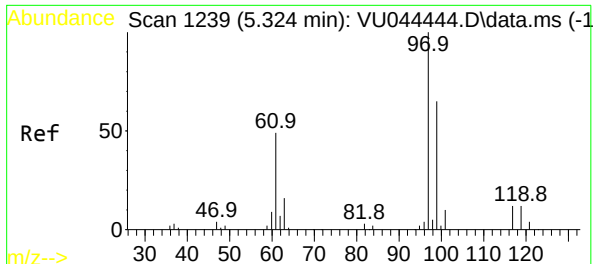


#27

1,2-Dichloroethane
Concen: 5.283 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 62 Resp: 68487
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0

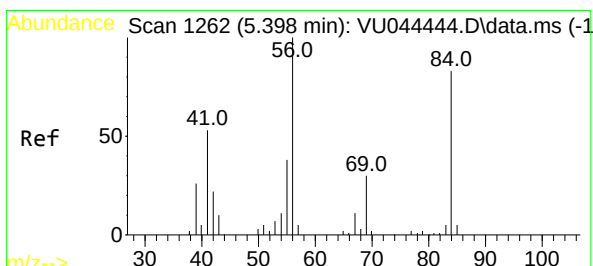
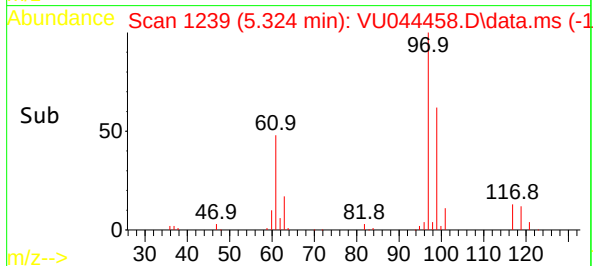
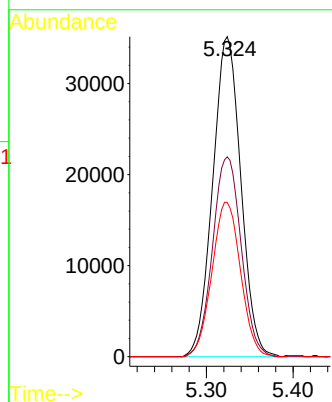
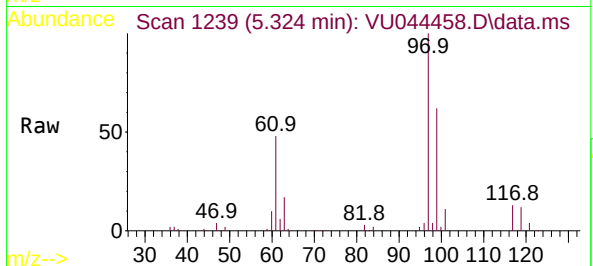




#29
1,1,1-Trichloroethane
Concen: 5.161 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

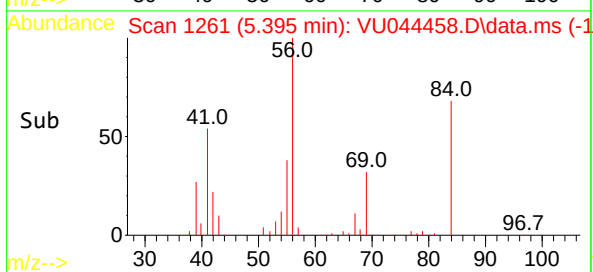
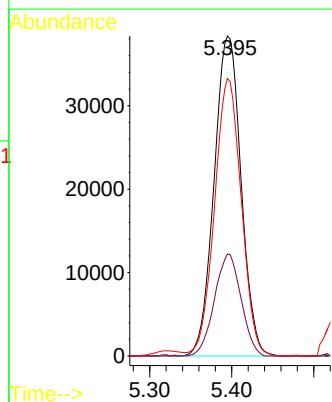
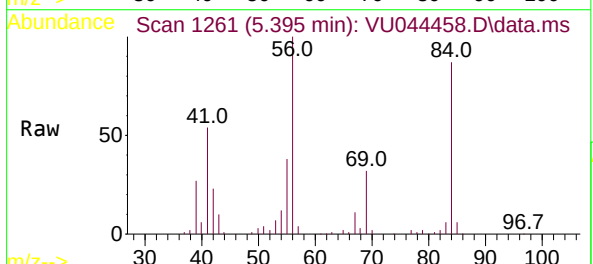
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

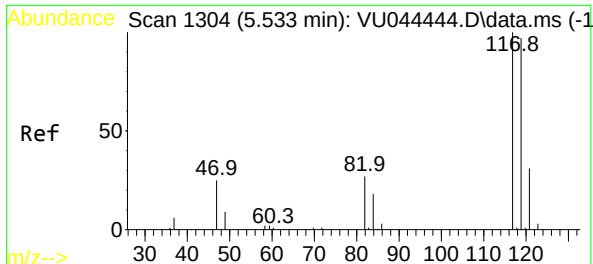
Tgt Ion: 97	Resp: 79306
Ion Ratio	Lower Upper
97 100	
99 63.5	52.5 78.7
61 49.1	39.2 58.8



#30
Cyclohexane
Concen: 5.167 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 56	Resp: 87764
Ion Ratio	Lower Upper
56 100	
69 31.4	24.3 36.5
84 86.0	68.4 102.6

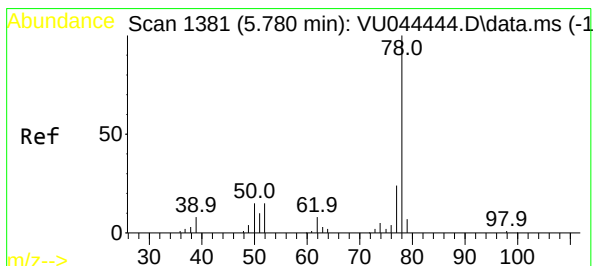
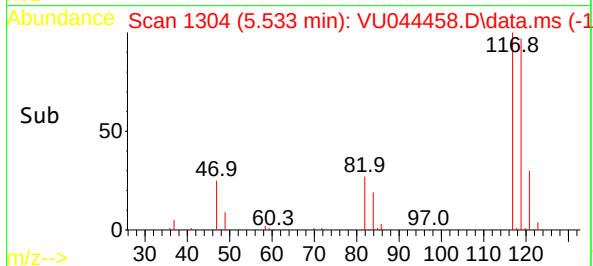
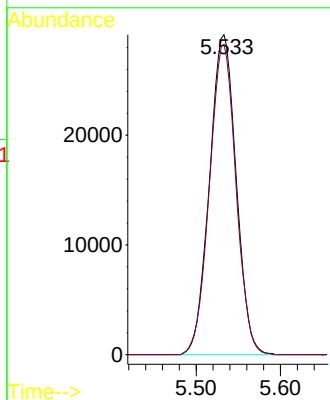
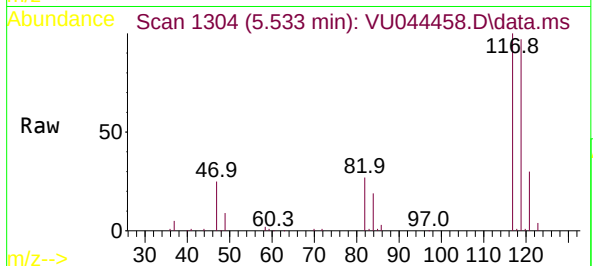




#31
Carbon tetrachloride
Concen: 5.070 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

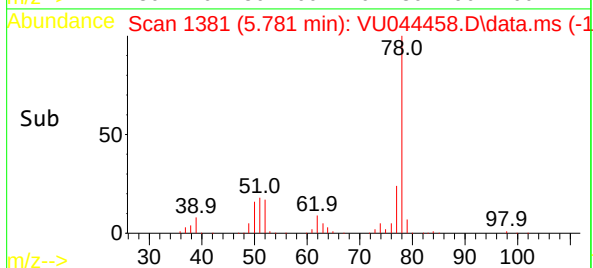
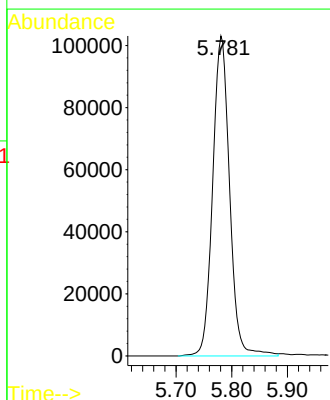
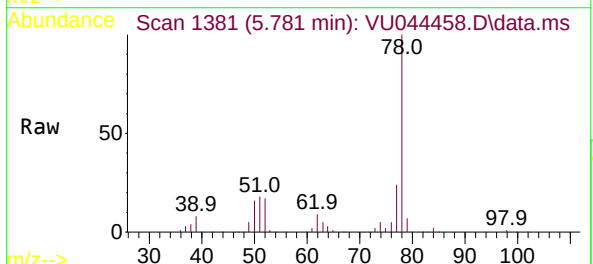
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

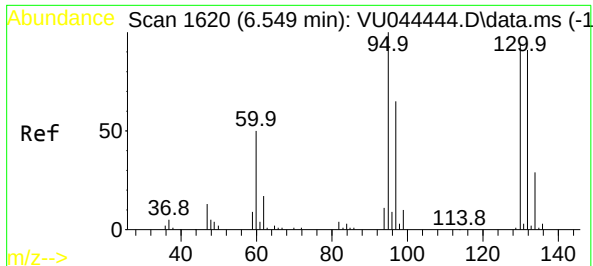
Tgt Ion:117 Resp: 64013
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8



#33
Benzene
Concen: 5.223 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 78 Resp: 217554



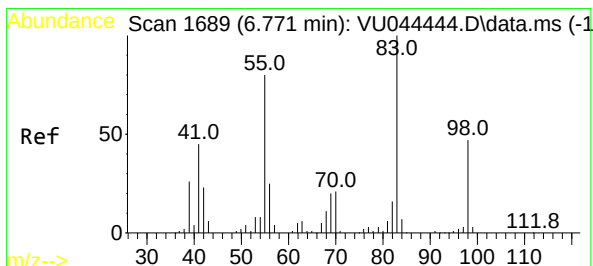
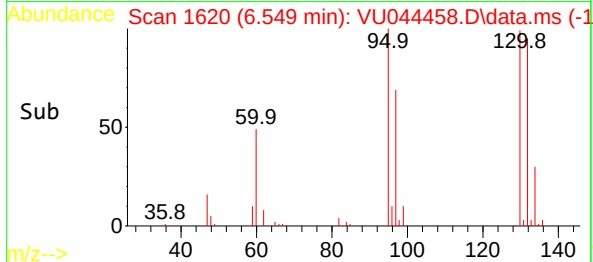
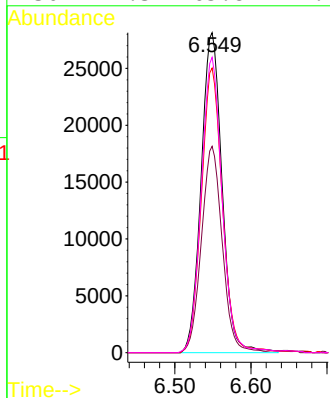
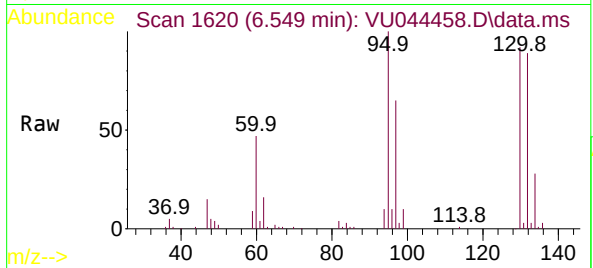


#34
Trichloroethene
Concen: 5.233 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Tgt Ion: 95 Resp: 53885

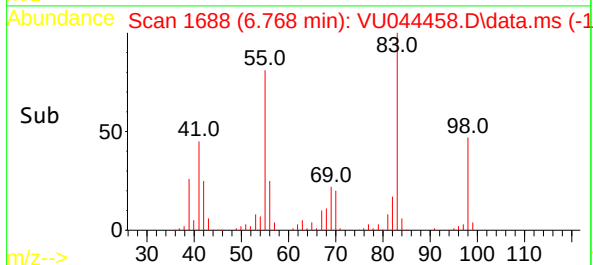
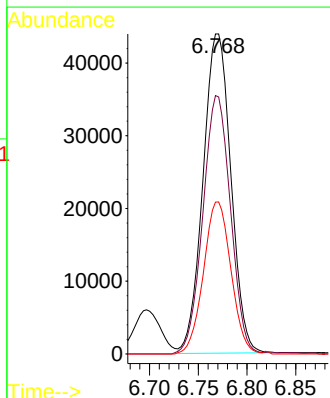
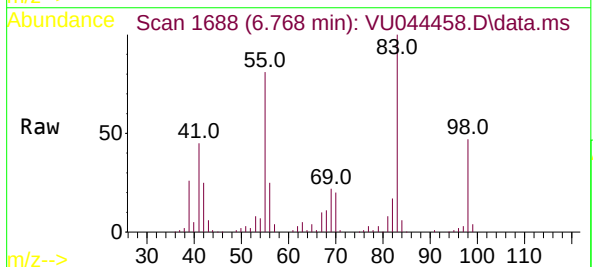
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	88.9	63.4	117.8
130	92.3	65.8	122.2

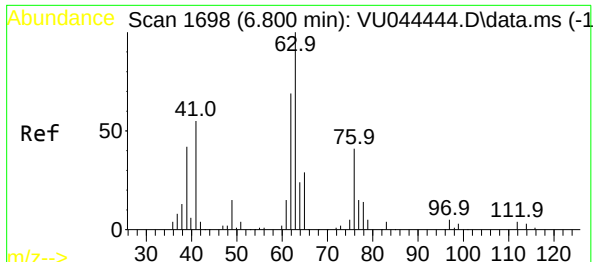


#35
Methylcyclohexane
Concen: 5.076 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 83 Resp: 87168

Ion	Ratio	Lower	Upper
83	100		
55	80.3	64.8	97.2
98	47.0	37.5	56.3

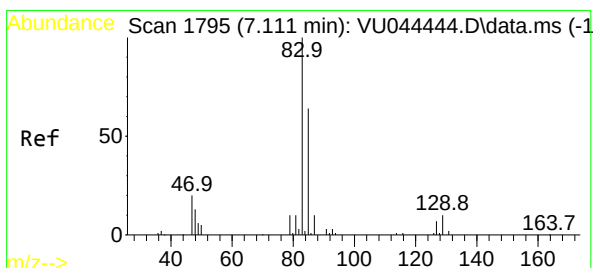
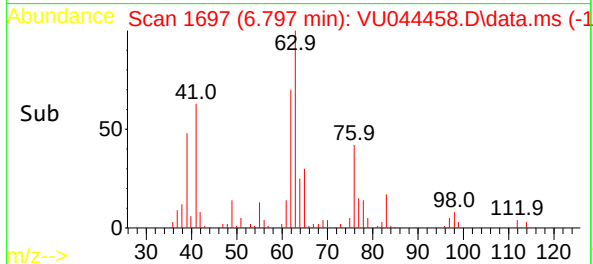
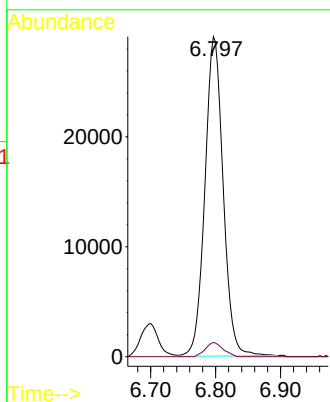
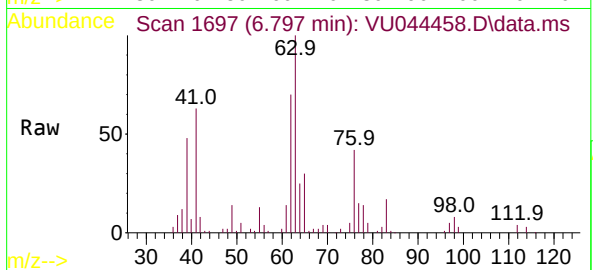




#37
1,2-Dichloropropane
Concen: 5.205 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

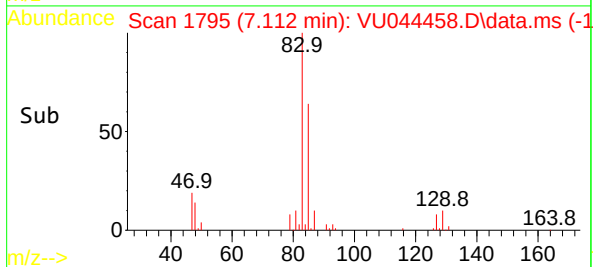
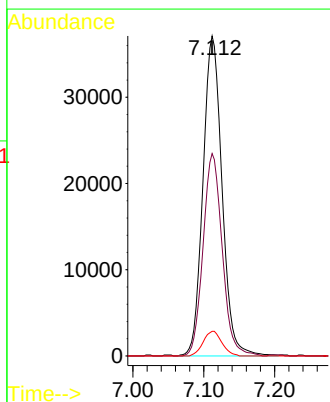
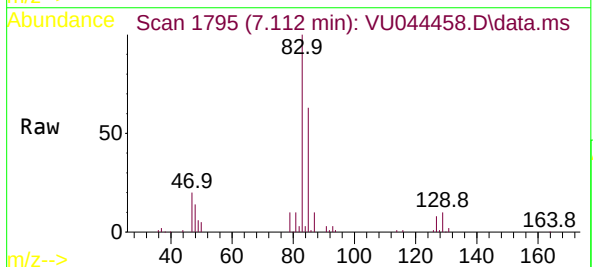
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

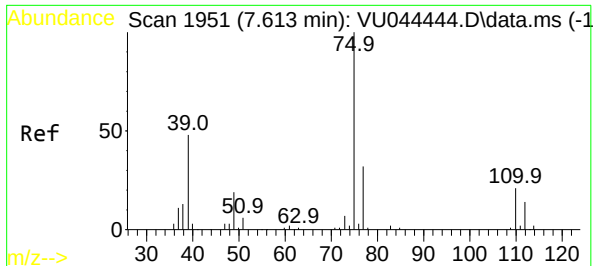
Tgt Ion: 63 Resp: 56771
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 5.193 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 83 Resp: 69544
Ion Ratio Lower Upper
83 100
85 63.3 44.6 82.8
127 7.7 5.9 8.9

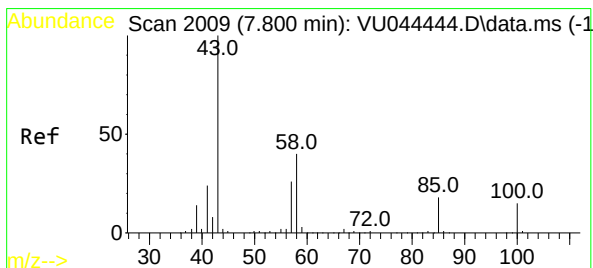
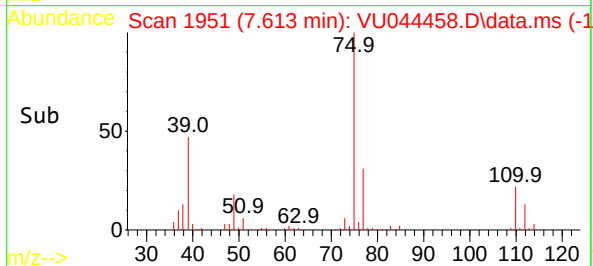
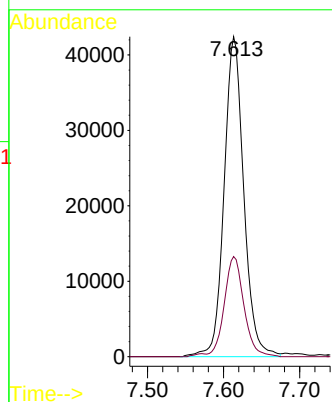
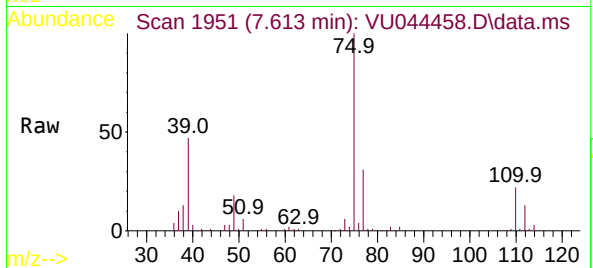




#39
 cis-1,3-Dichloropropene
 Concen: 4.984 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

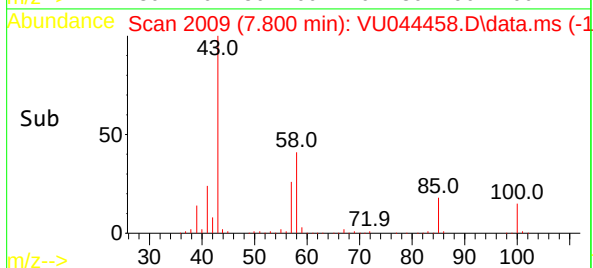
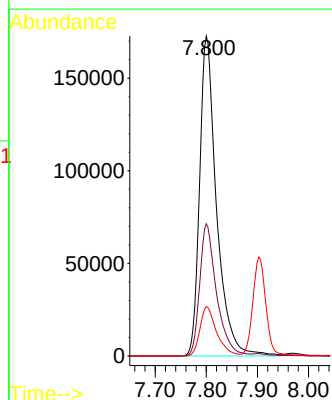
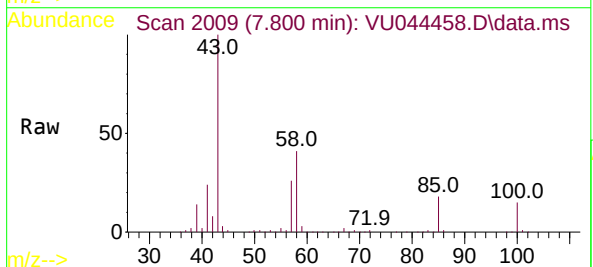
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

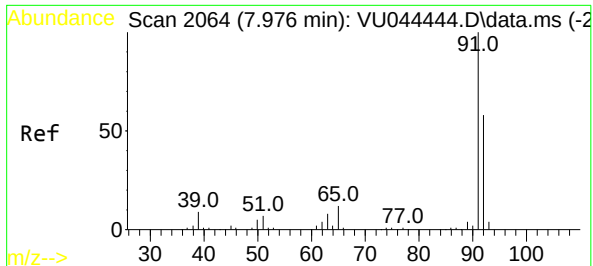
Tgt Ion: 75 Resp: 76236
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 53.814 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU044458.D
 Acq: 18 Aug 2021 20:37

Tgt Ion: 43 Resp: 398502
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.5 48.7
 100 15.2 12.3 18.5

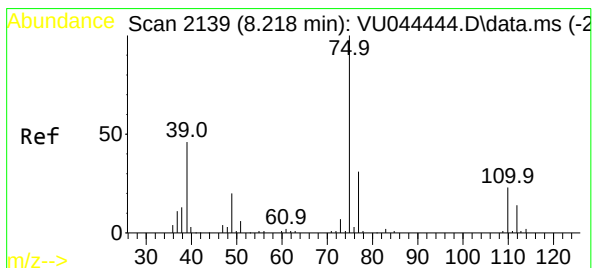
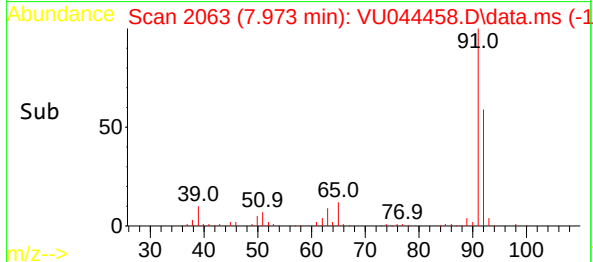
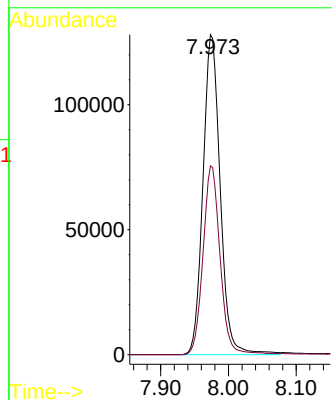
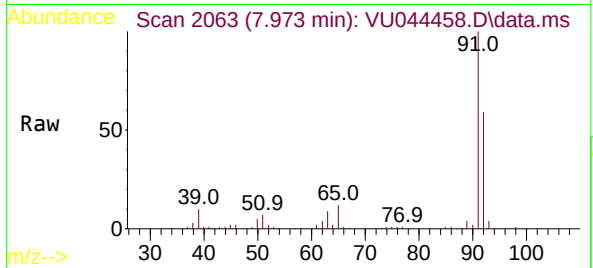




#42
Toluene
Concen: 5.223 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

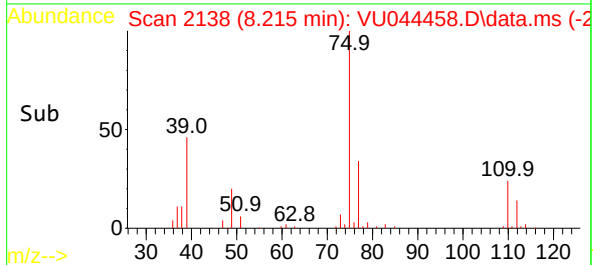
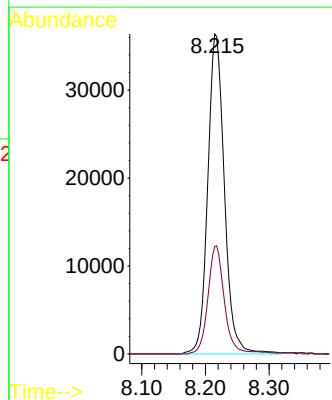
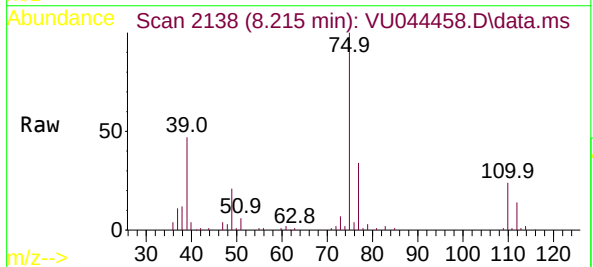
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

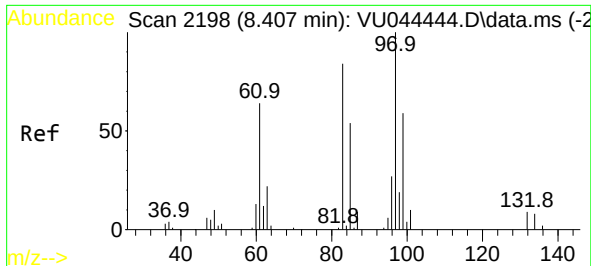
Tgt Ion: 91 Resp: 226617
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.094 ug/L
RT: 8.215 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 75 Resp: 66034
Ion Ratio Lower Upper
75 100
77 33.6 21.6 40.2

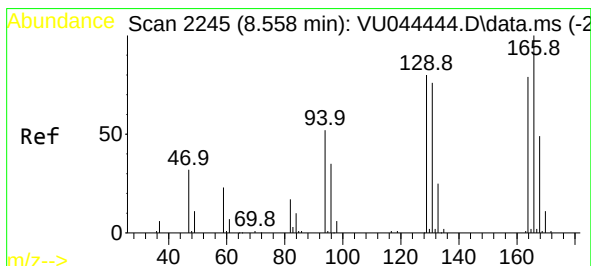
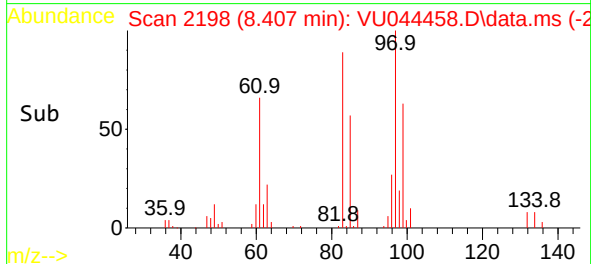
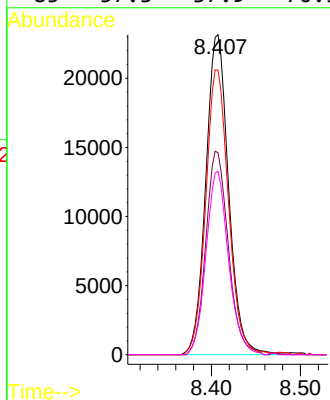
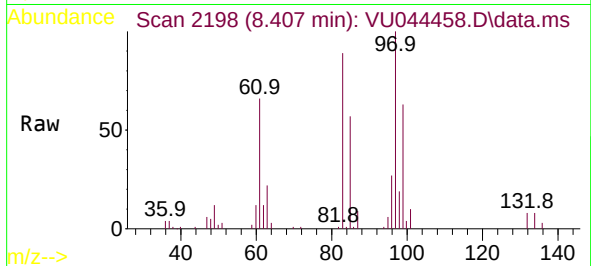




#45
1,1,2-Trichloroethane
Concen: 5.292 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

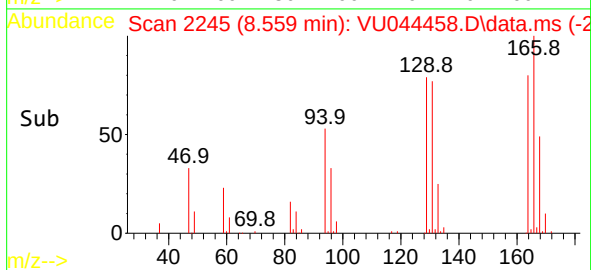
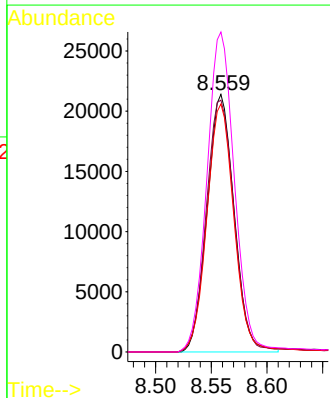
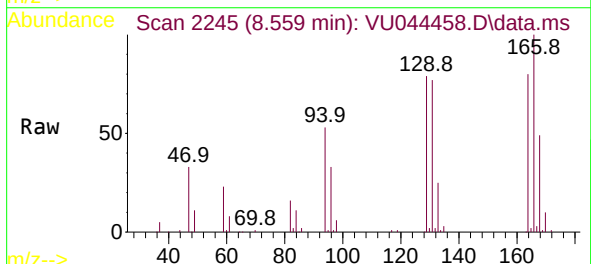
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

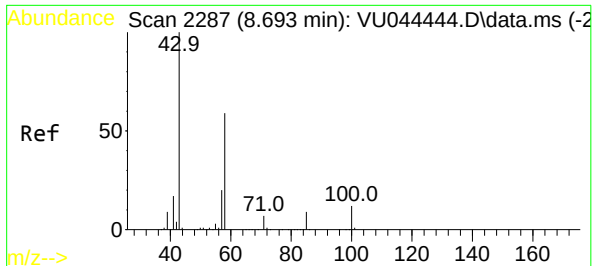
Tgt Ion:	97	Resp:	41161
Ion	Ratio	Lower	Upper
97	100		
99	63.1	41.3	76.7
83	88.9	58.6	108.8
85	57.3	37.9	70.5



#47
Tetrachloroethene
Concen: 5.073 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:	164	Resp:	36120
Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.0	131.8
131	96.3	68.0	126.4
166	124.2	89.0	165.4

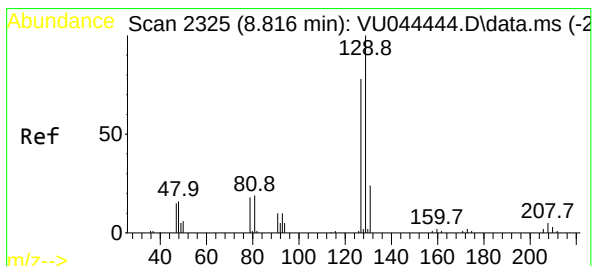
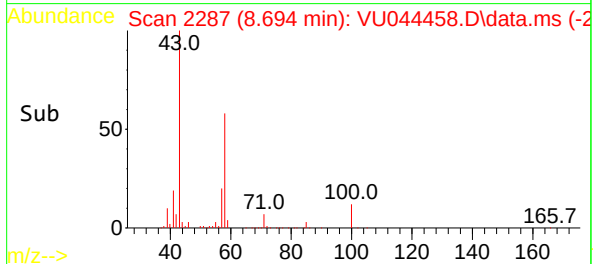
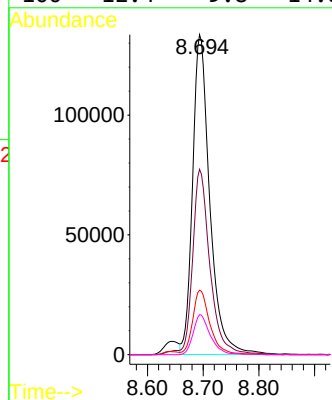
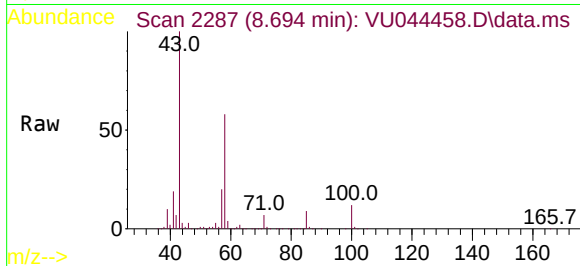




#48
2-Hexanone
Concen: 54.277 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

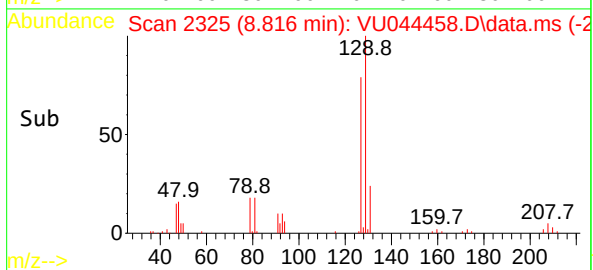
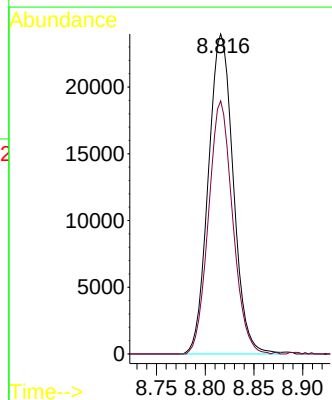
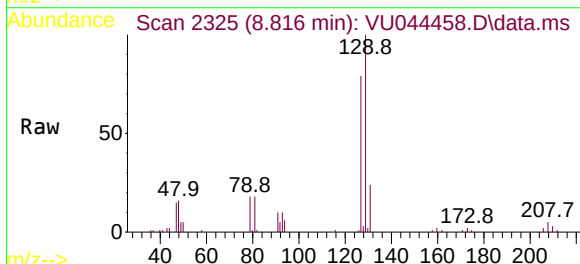
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

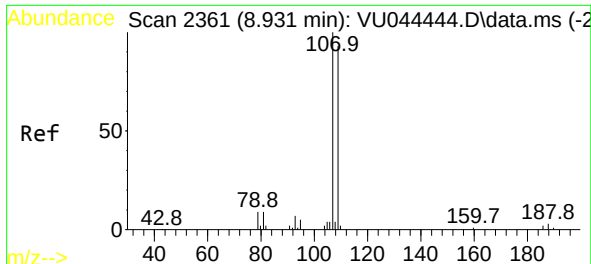
Tgt Ion:	43	Resp:	286799
Ion	Ratio	Lower	Upper
43	100		
58	58.8	46.5	69.7
57	19.7	15.8	23.8
100	12.4	9.8	14.8



#49
Dibromochloromethane
Concen: 5.187 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

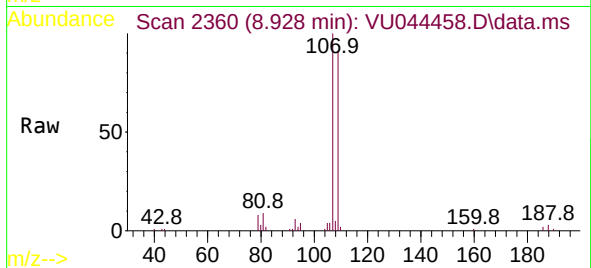
Tgt Ion:	129	Resp:	42692
Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.7	101.7



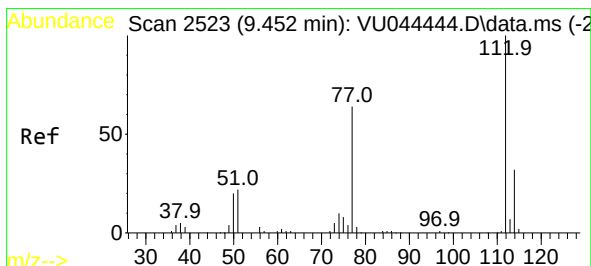
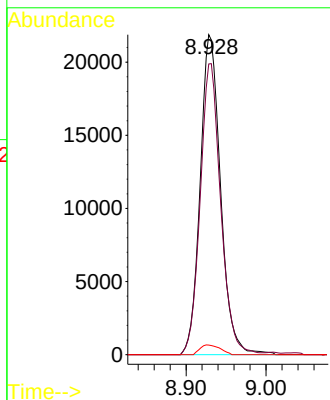
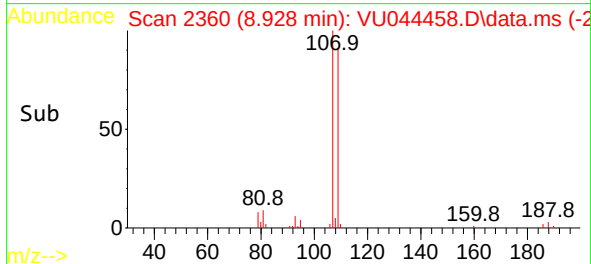


#50
1,2-Dibromoethane
Concen: 5.216 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

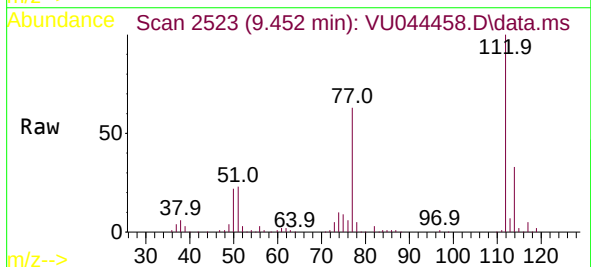
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087



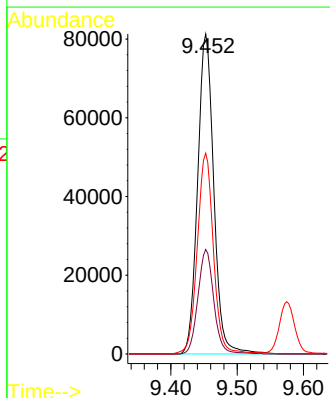
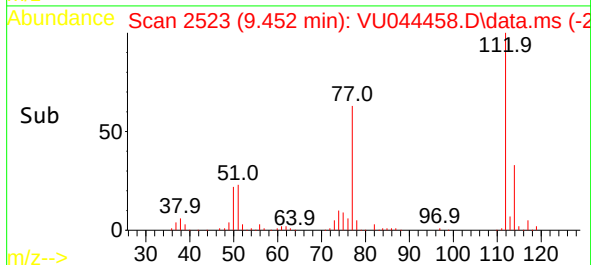
Tgt Ion:107 Resp: 38802
Ion Ratio Lower Upper
107 100
109 90.9 65.2 121.0
188 3.0 2.4 3.6

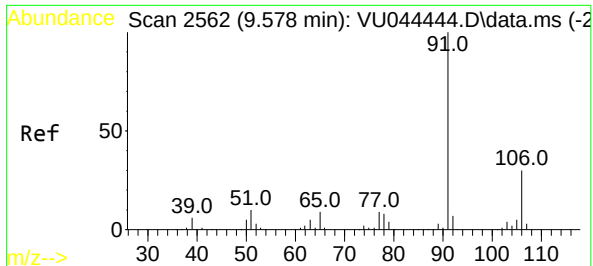


#51
Chlorobenzene
Concen: 5.162 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37



Tgt Ion:112 Resp: 137432
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.1
77 62.7 51.3 76.9

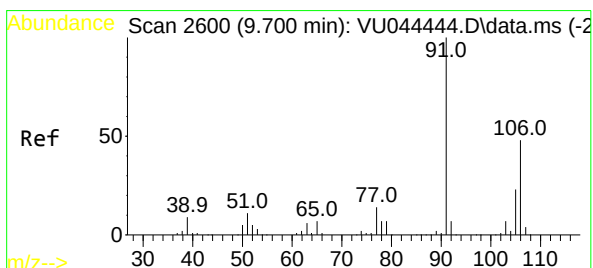
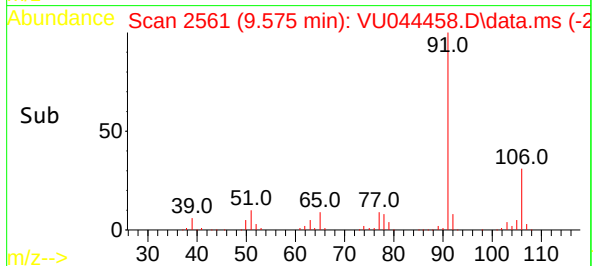
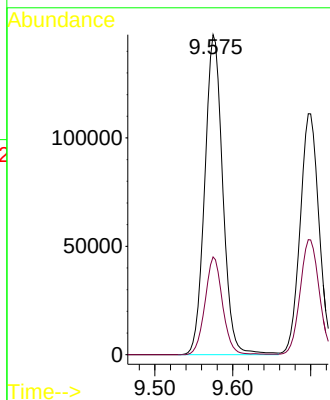
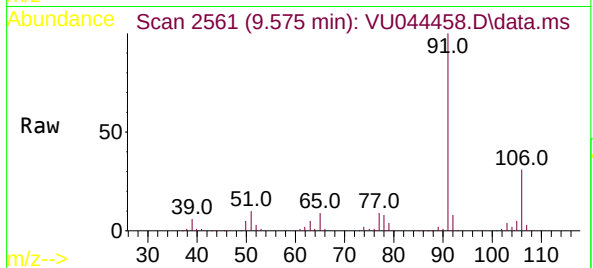




#52
Ethylbenzene
Concen: 5.167 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

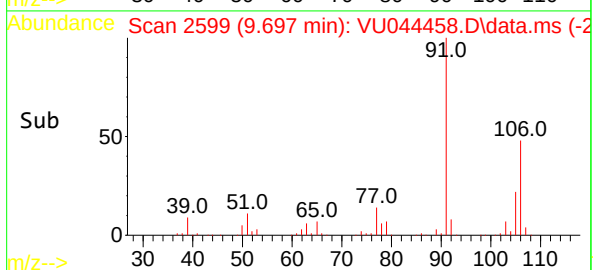
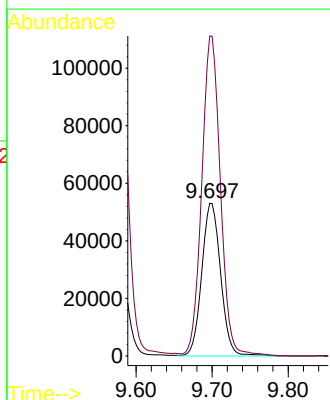
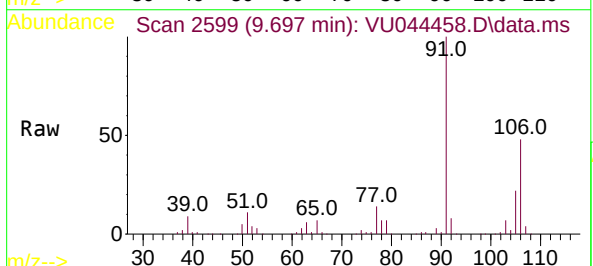
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

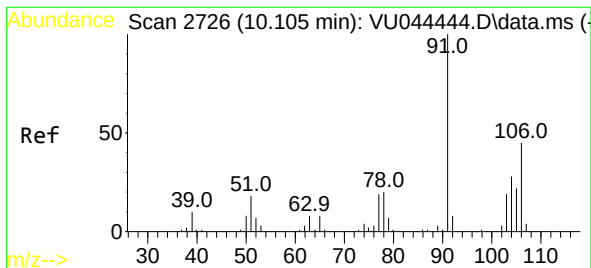
Tgt Ion: 91 Resp: 236790
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.6



#53
m,p-Xylene
Concen: 5.313 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 106 Resp: 91541
Ion Ratio Lower Upper
106 100
91 209.6 146.2 271.6

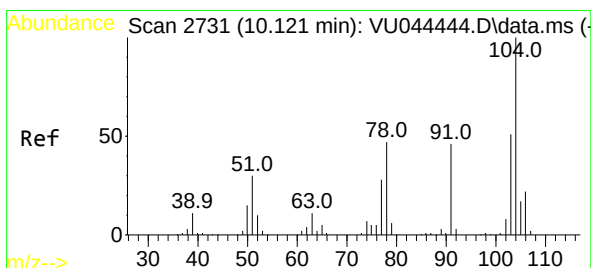
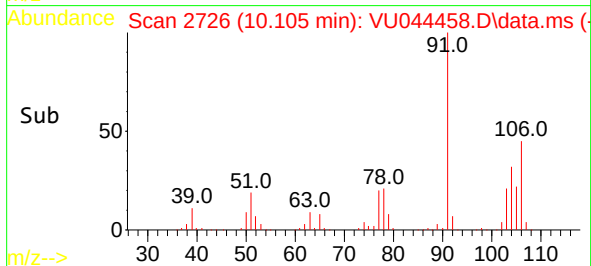
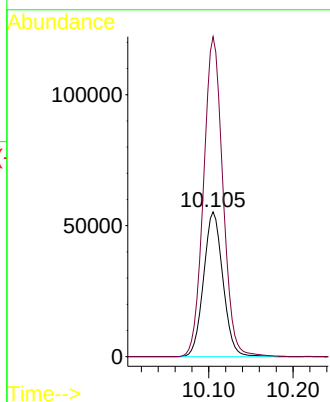
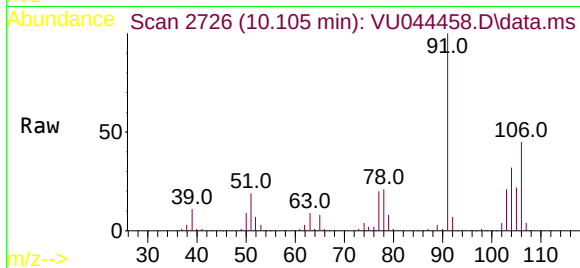




#54
o-Xylene
Concen: 5.263 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

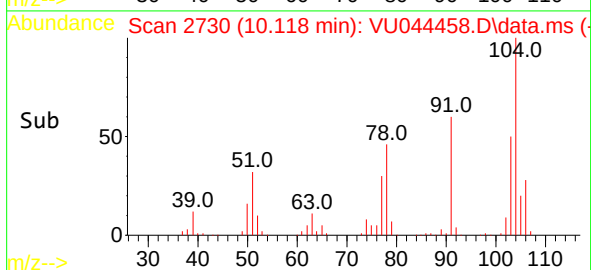
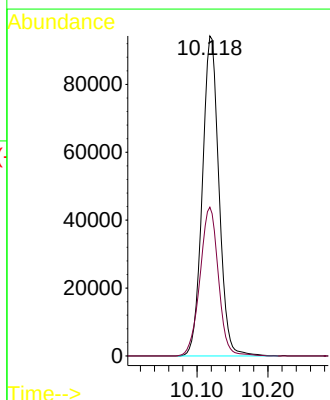
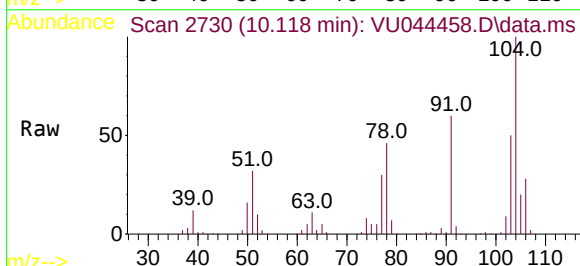
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

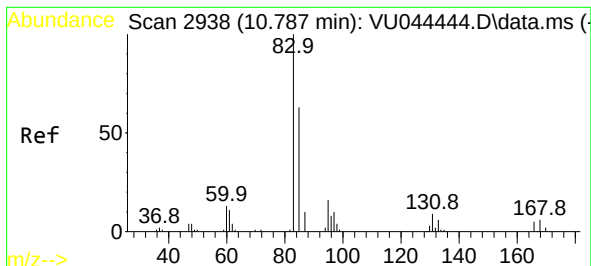
Tgt Ion:106 Resp: 88327
Ion Ratio Lower Upper
106 100
91 221.0 154.4 286.8



#55
Styrene
Concen: 5.584 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:104 Resp: 153649
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.5

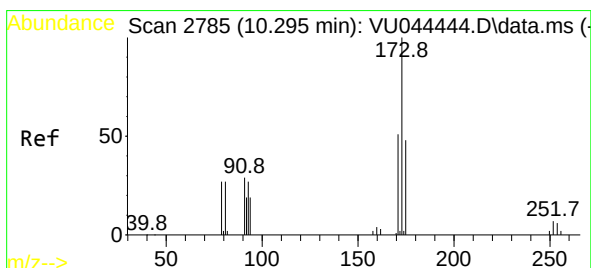
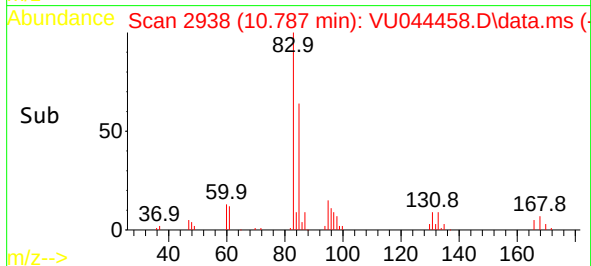
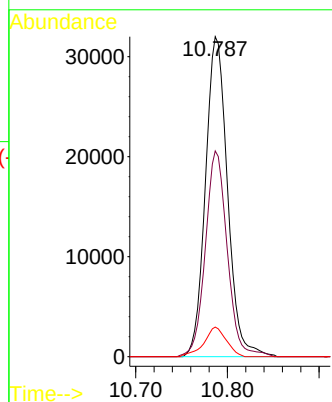
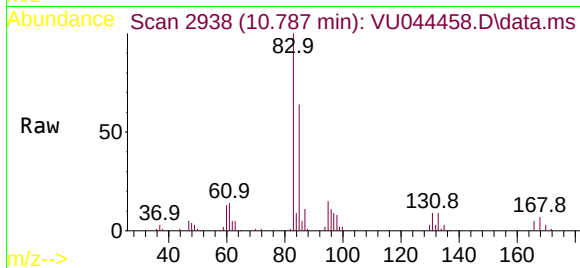




#57
1,1,2,2-Tetrachloroethane
Concen: 5.224 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

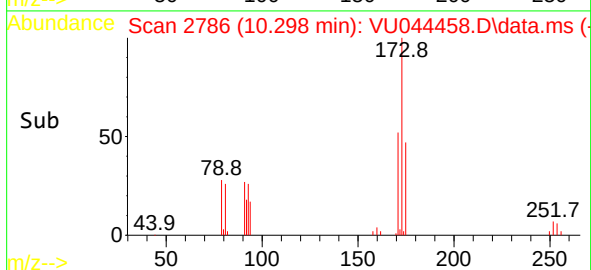
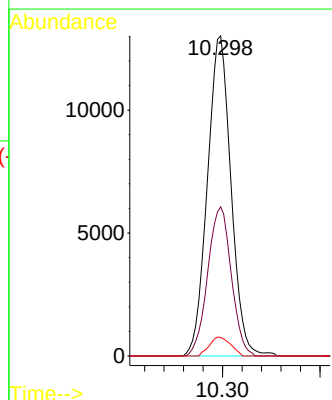
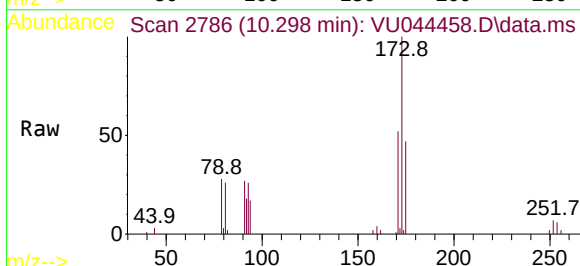
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

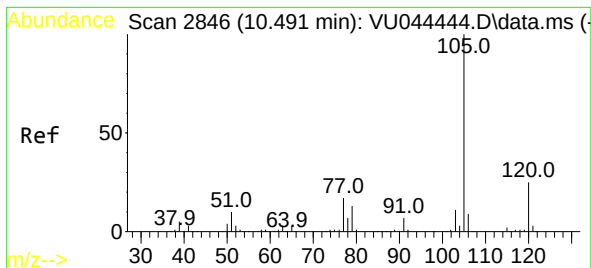
Tgt Ion:	83	Resp:	53495
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.2	82.2
131	9.3	6.9	10.3



#59
Bromoform
Concen: 5.062 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:	173	Resp:	21891
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.0	57.0
254	5.3	4.3	6.5

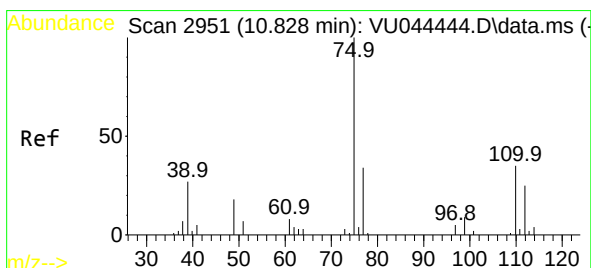
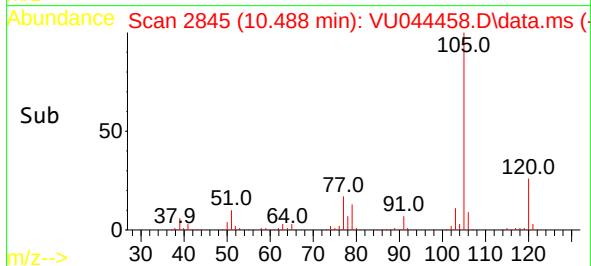
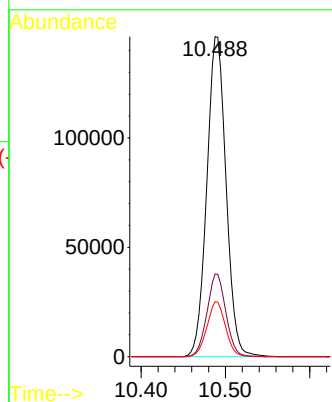
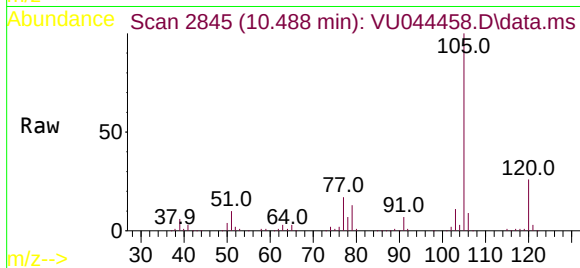




#60
Isopropylbenzene
Concen: 5.206 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

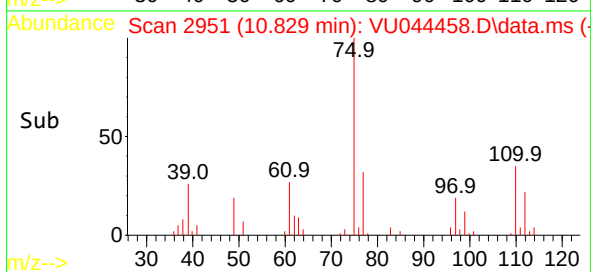
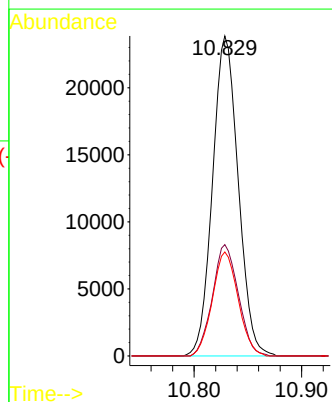
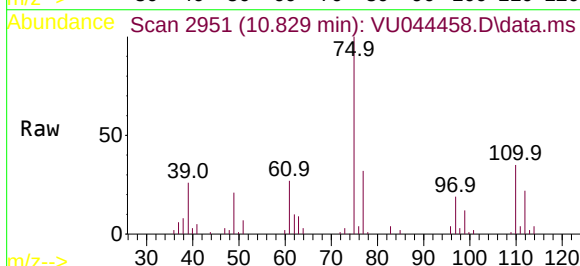
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

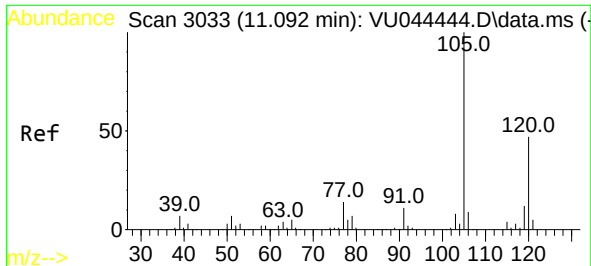
Tgt Ion:105 Resp: 232528
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.167 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 75 Resp: 39517
Ion Ratio Lower Upper
75 100
110 35.1 28.4 42.6
77 32.6 26.5 39.7

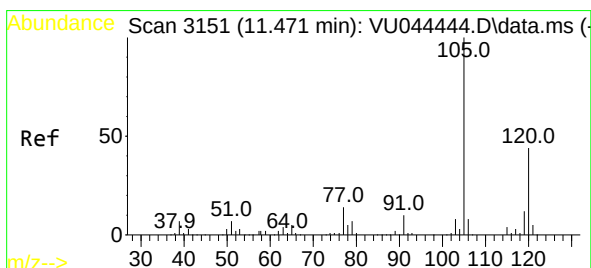
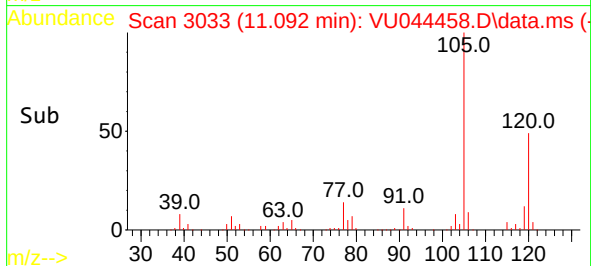
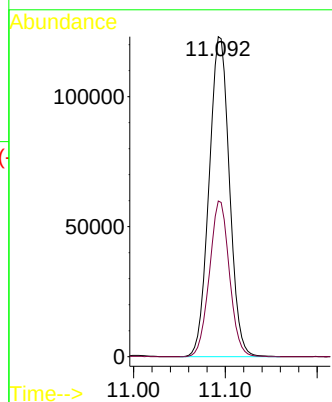
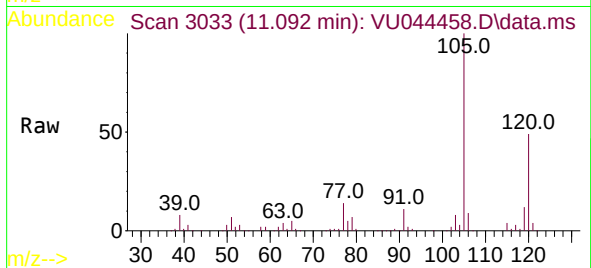




#62
1,3,5-Trimethylbenzene
Concen: 5.205 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

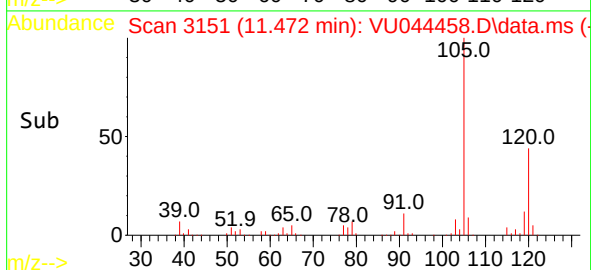
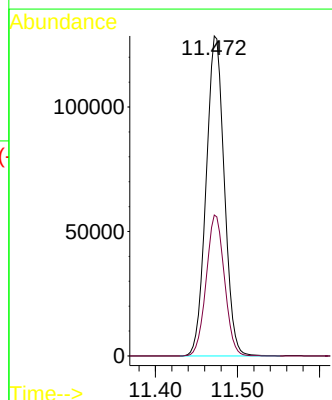
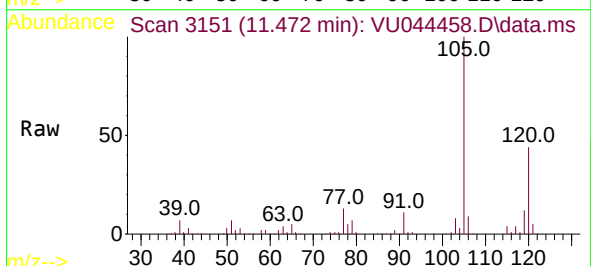
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

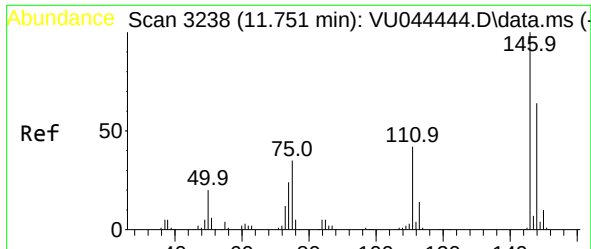
Tgt Ion:105 Resp: 190105
Ion Ratio Lower Upper
105 100
120 47.6 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.275 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:105 Resp: 197553
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

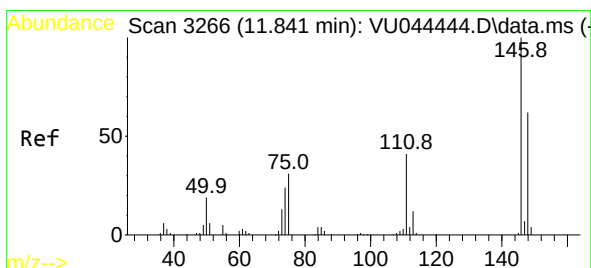
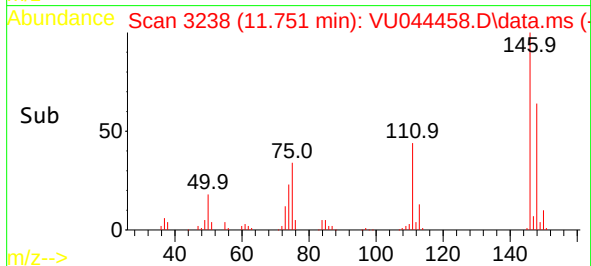
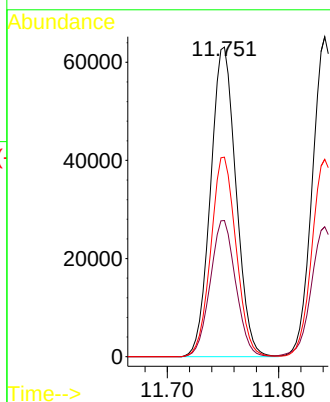
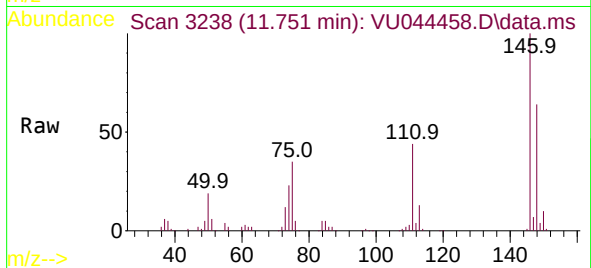




#64
1,3-Dichlorobenzene
Concen: 5.115 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

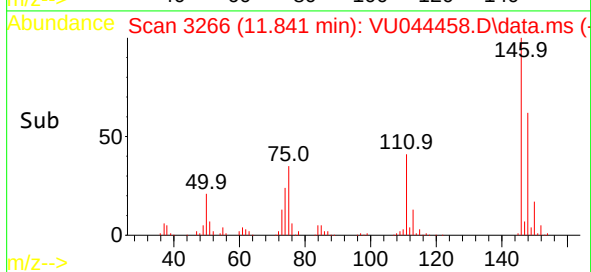
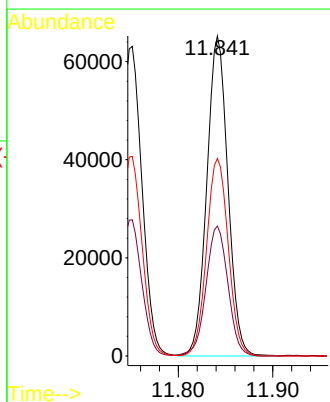
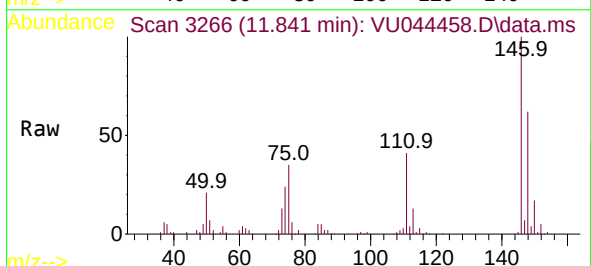
Instrument :
MSVOA_U
ClientSampled :
VSTD005087

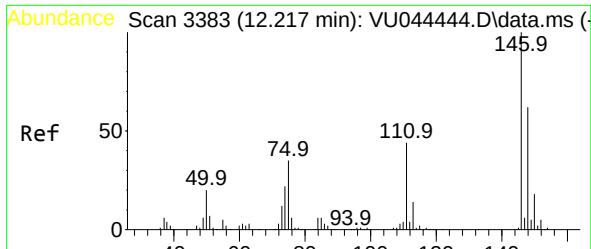
Tgt Ion:146 Resp: 100334
Ion Ratio Lower Upper
146 100
111 44.0 29.6 55.0
148 64.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:146 Resp: 100878
Ion Ratio Lower Upper
146 100
111 40.6 28.8 53.4
148 61.7 43.6 81.0

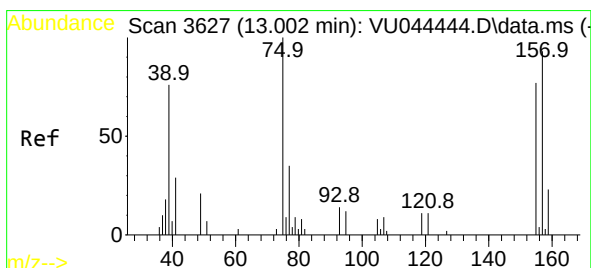
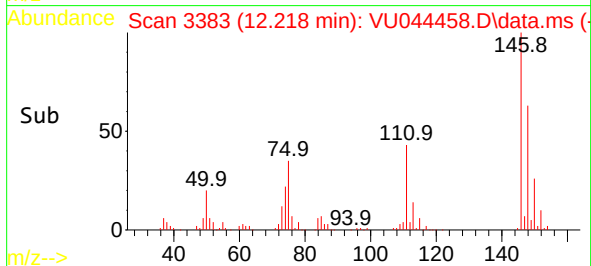
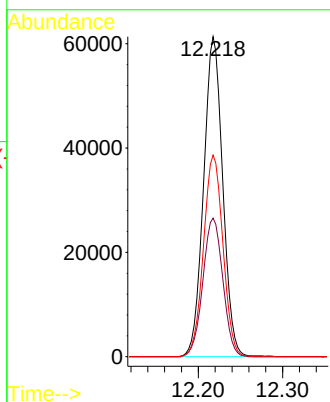
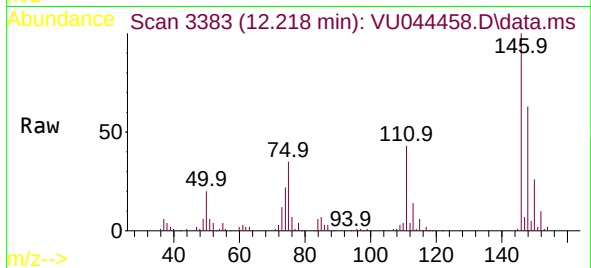




#67
1,2-Dichlorobenzene
Concen: 5.189 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

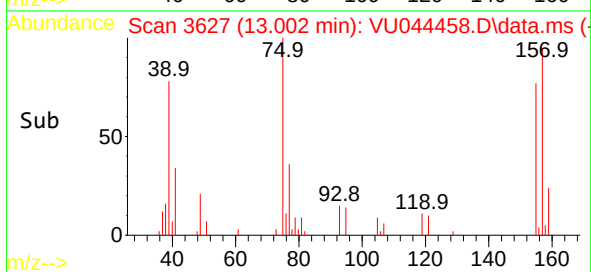
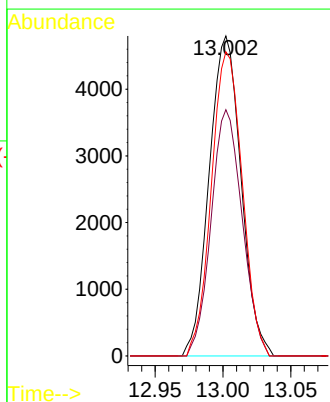
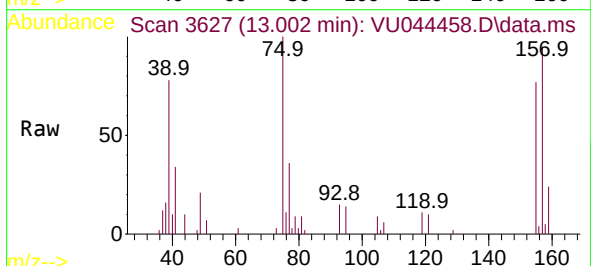
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

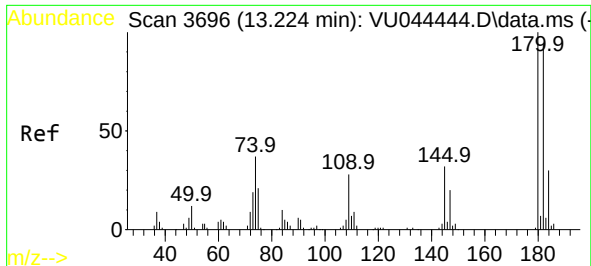
Tgt Ion:146 Resp: 97009
Ion Ratio Lower Upper
146 100
111 43.3 34.9 52.3
148 63.0 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.012 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion: 75 Resp: 7842
Ion Ratio Lower Upper
75 100
155 76.9 61.2 91.8
157 95.1 74.2 111.2

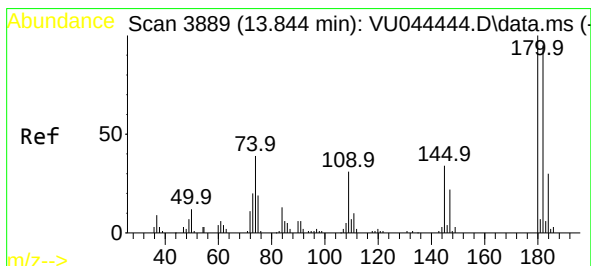
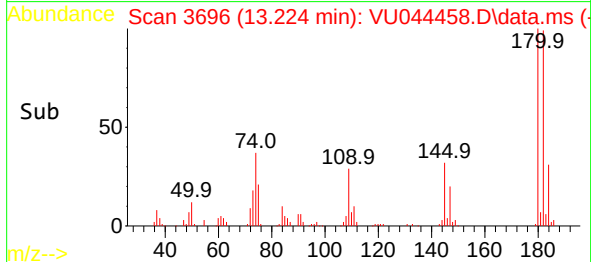
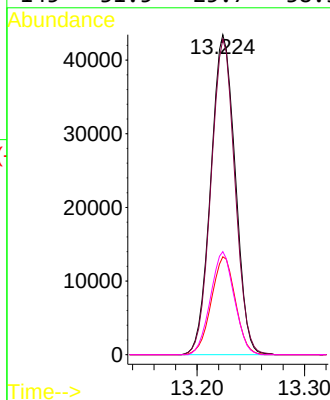
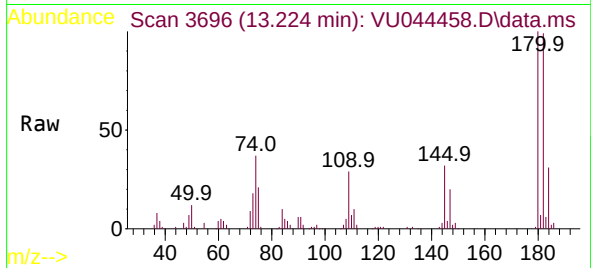




#69
1,3,5-Trichlorobenzene
Concen: 4.956 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

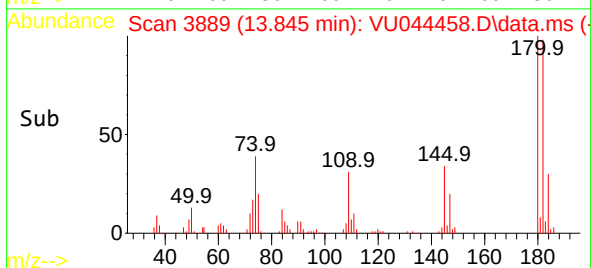
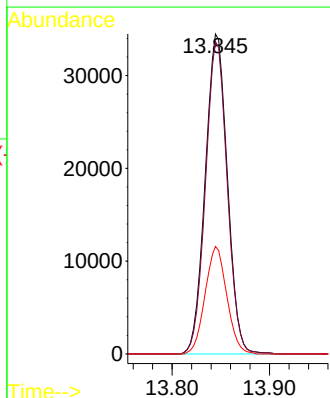
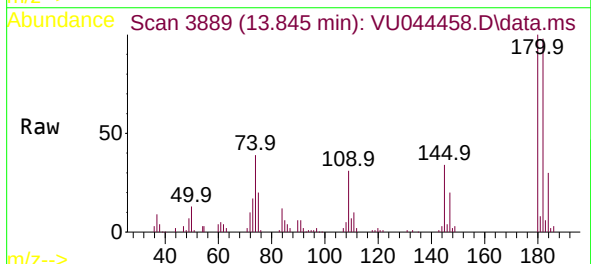
Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

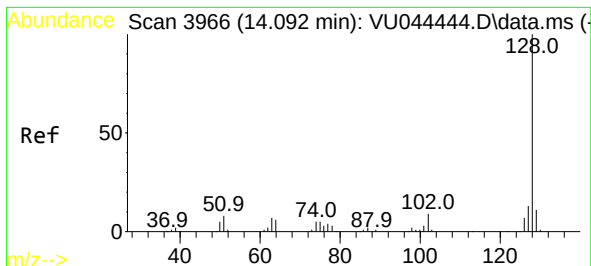
Tgt Ion:	180	Resp:	68445
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.0	112.6
184	30.2	24.3	36.5
145	31.5	25.7	38.5



#70
1,2,4-trichlorobenzene
Concen: 5.028 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:	180	Resp:	54415
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.0	114.0
145	32.9	26.3	39.5

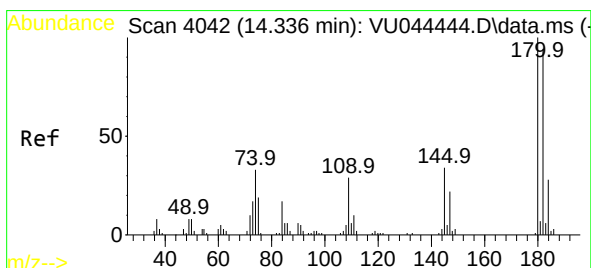
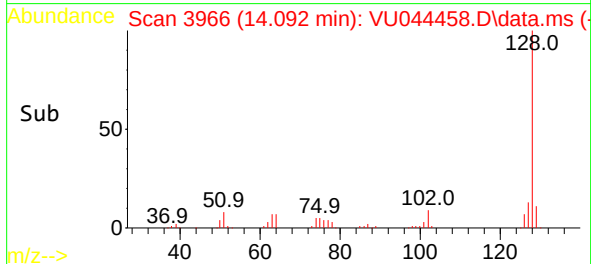
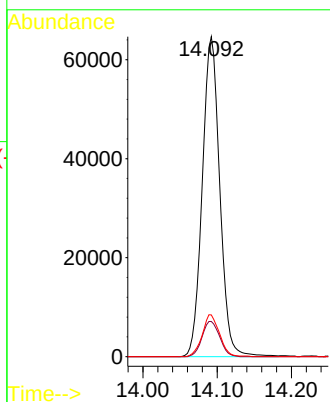
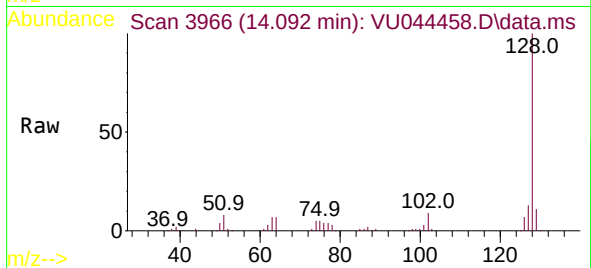




#71
Naphthalene
Concen: 5.126 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005087

Tgt Ion:128 Resp: 105786
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.181 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044458.D
Acq: 18 Aug 2021 20:37

Tgt Ion:180 Resp: 51342
Ion Ratio Lower Upper
180 100
182 94.7 76.4 114.6
145 34.9 27.1 40.7

