

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
 Data File : VU044746.D
 Acq On : 21 Sep 2021 19:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Sep 22 01:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 22 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29204	4.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.916	69	28231	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.572	65	13875	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.639	46	109706	36.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.880%
24) Chloroform-d	5.070	84	67475	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.710	65	38866	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.732	84	121428	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.697	67	41940	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.903	98	106869	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.185	79	15688	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.642	63	100512	44.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.080%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39644	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	39160	3.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40734	4.197	ug/L	98
3) Chloromethane	1.520	50	49995	4.285	ug/L	100
5) Vinyl chloride	1.607	62	51093	4.293	ug/L	96
6) Bromomethane	1.861	94	19505	3.198	ug/L	98
8) Chloroethane	1.938	64	35521	4.683	ug/L	94
9) Trichlorofluoromethane	2.144	101	65351	4.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	39983	4.860	ug/L	99
12) 1,1-Dichloroethene	2.584	96	36458	4.663	ug/L	91
13) Acetone	2.646	43	69479	35.435	ug/L	86
14) Carbon disulfide	2.800	76	95314	3.850	ug/L	99
15) Methyl Acetate	2.961	43	16561	4.678	ug/L	94
16) Methylene chloride	3.051	84	49051	3.945	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	101778	4.709	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38206	4.597	ug/L	97
19) 1,1-Dichloroethane	3.877	63	84944	5.055	ug/L	98
21) 2-Butanone	4.719	43	132275	40.404	ug/L	87
22) cis-1,2-Dichloroethene	4.674	96	43466	4.744	ug/L	95
23) Bromochloromethane	4.980	128	18560	4.781	ug/L	96
25) Chloroform	5.096	83	86127	4.809	ug/L	96

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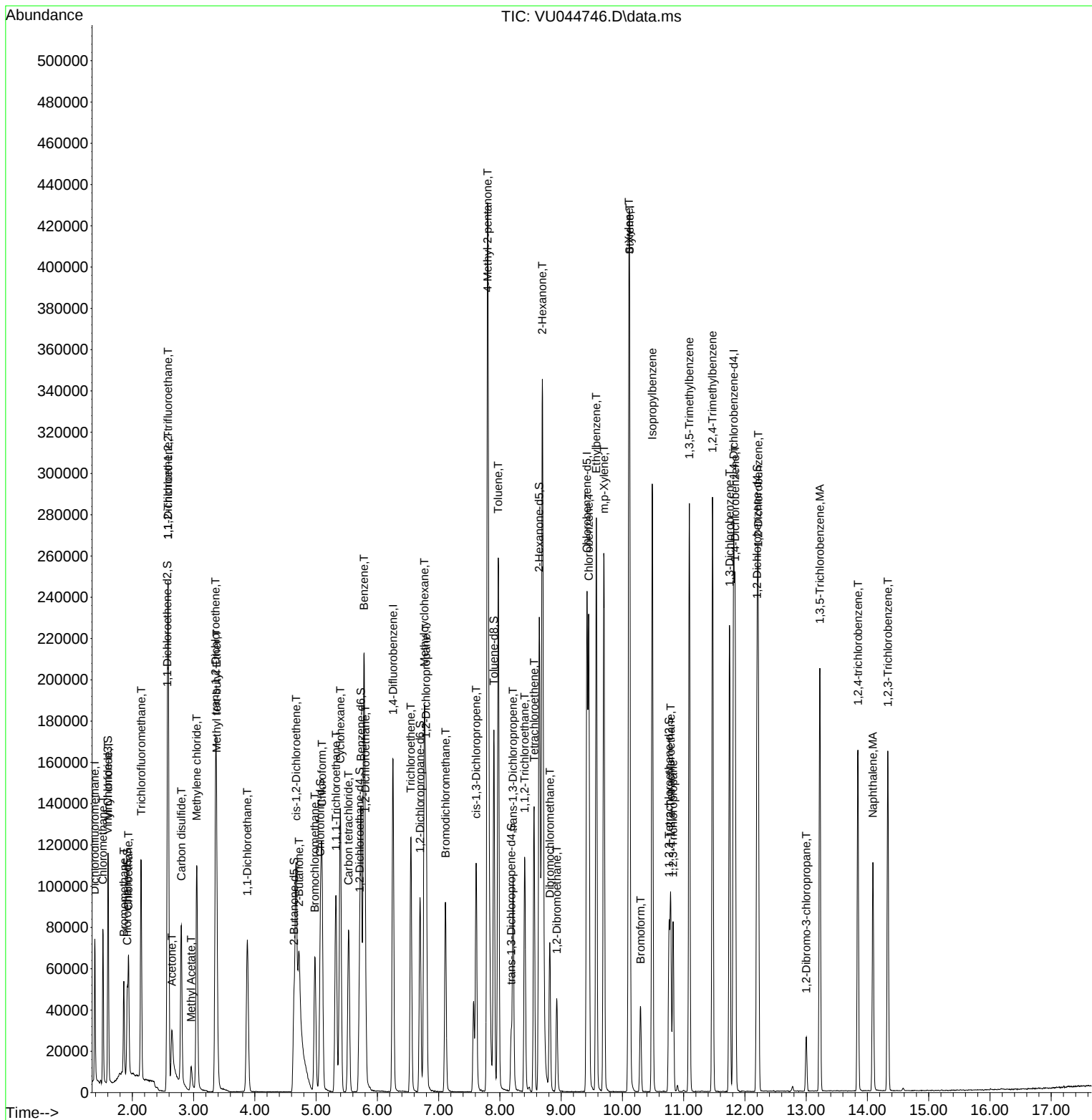
Instrument :
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 ClientSampleId :
 VSTD005117

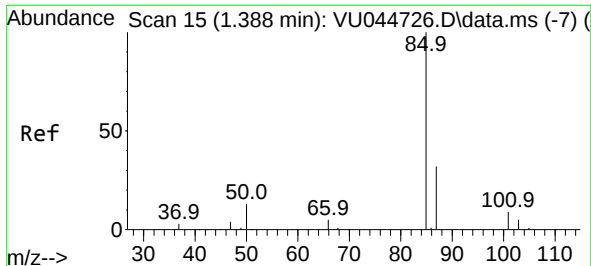
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57207	4.879	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	67051	5.114	ug/L	99
30) Cyclohexane	5.395	56	66150	4.406	ug/L	98
31) Carbon tetrachloride	5.530	117	50253	4.898	ug/L	99
33) Benzene	5.780	78	176107	4.932	ug/L	100
34) Trichloroethene	6.546	95	42378	4.794	ug/L	99
35) Methylcyclohexane	6.768	83	63381	4.363	ug/L	99
37) 1,2-Dichloropropane	6.796	63	51320	5.363	ug/L	99
38) Bromodichloromethane	7.112	83	60949	5.253	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	62402	4.603	ug/L	95
40) 4-Methyl-2-pentanone	7.800	43	370052	49.686	ug/L	99
42) Toluene	7.973	91	179549	4.815	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	54340	4.698	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	34925	5.133	ug/L	99
47) Tetrachloroethene	8.558	164	27493	4.479	ug/L	96
48) 2-Hexanone	8.694	43	273439	49.325	ug/L	99
49) Dibromochloromethane	8.816	129	34845	4.875	ug/L	97
50) 1,2-Dibromoethane	8.928	107	30922	4.828	ug/L #	99
51) Chlorobenzene	9.452	112	109319	4.728	ug/L	99
52) Ethylbenzene	9.575	91	186742	4.623	ug/L	100
53) m,p-Xylene	9.700	106	70302	4.577	ug/L	95
54) o-Xylene	10.105	106	69840	4.759	ug/L	96
55) Styrene	10.118	104	121679	4.737	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	46978	5.143	ug/L	99
59) Bromoform	10.298	173	17550	4.605	ug/L	99
60) Isopropylbenzene	10.488	105	181599	4.731	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	33700	4.974	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	147329	4.622	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	151288	4.621	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	81698	4.565	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	81685	4.424	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	80013	4.710	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7325	4.916	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	56827	4.177	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	45432	3.959	ug/L	99
71) Naphthalene	14.089	128	84164	3.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	43080	4.078	ug/L	98

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

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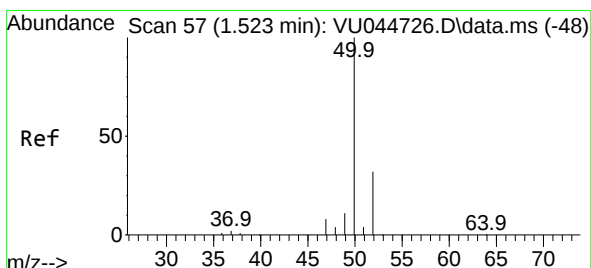
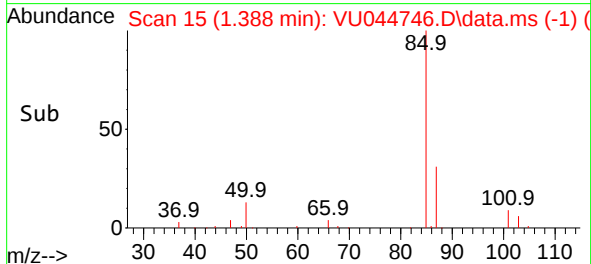
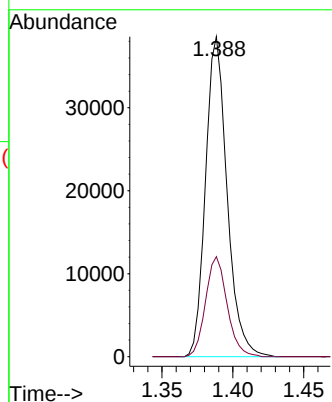
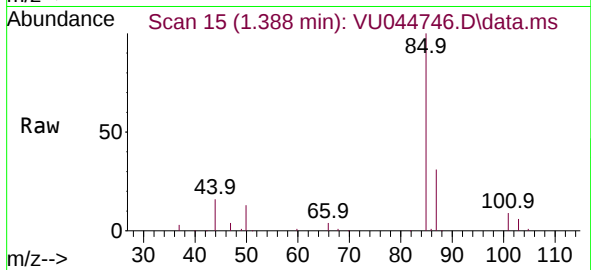




#2
Dichlorodifluoromethane
Concen: 4.197 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

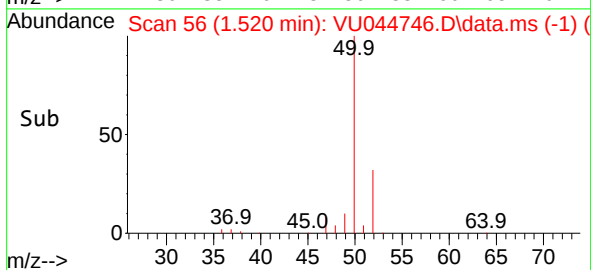
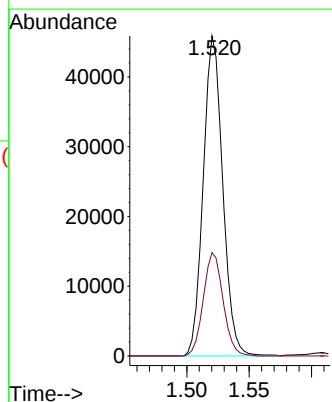
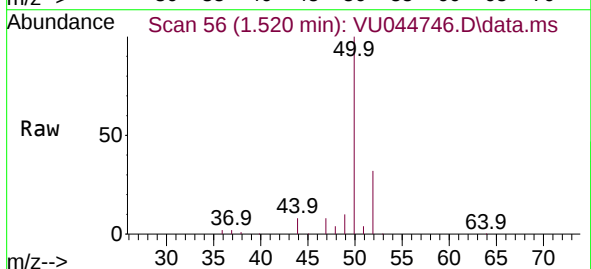
Instrument :
MSVOA_U
ClientSampled :
VSTD005117

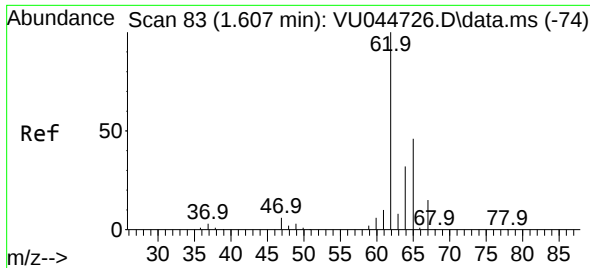
Tgt Ion: 85 Resp: 40734
Ion Ratio Lower Upper
85 100
87 31.2 26.0 39.0



#3
Chloromethane
Concen: 4.285 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 50 Resp: 49995
Ion Ratio Lower Upper
50 100
52 32.3 22.6 42.0

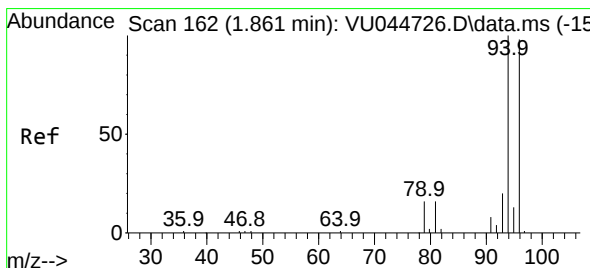
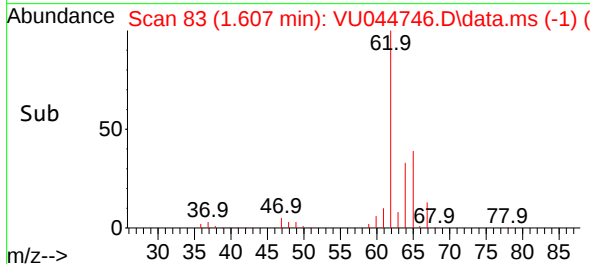
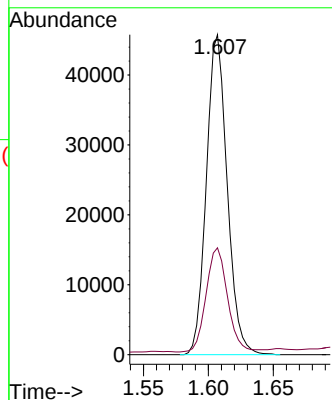
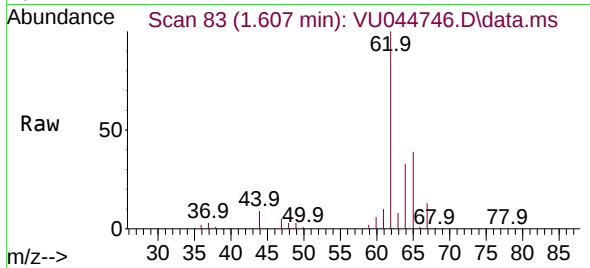




#5
 Vinyl chloride
 Concen: 4.293 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

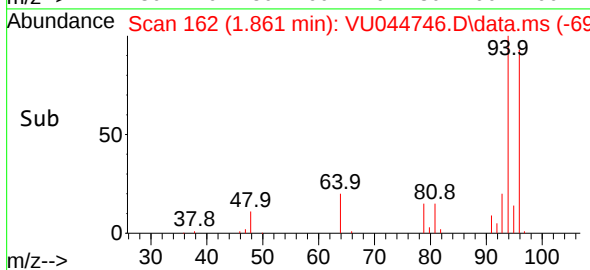
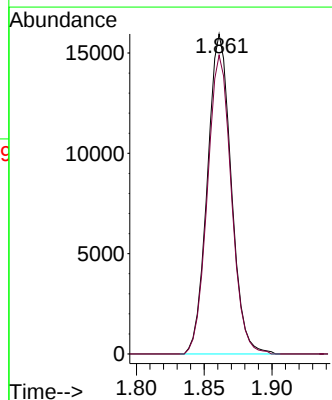
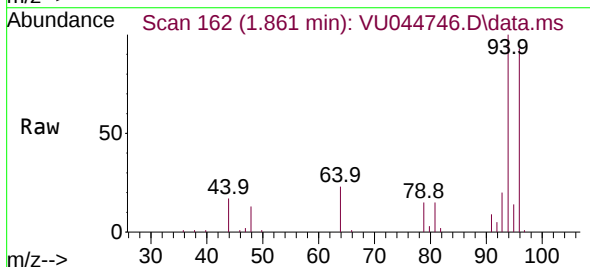
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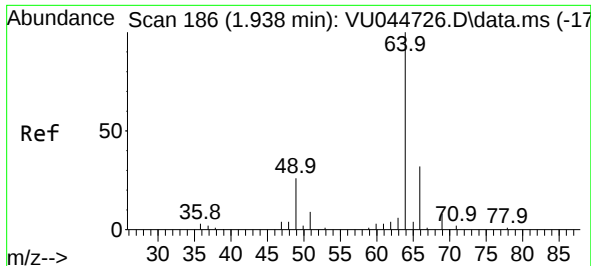
Tgt Ion: 62 Resp: 51093
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.0 40.8



#6
 Bromomethane
 Concen: 3.198 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

Tgt Ion: 94 Resp: 19505
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.4 123.4

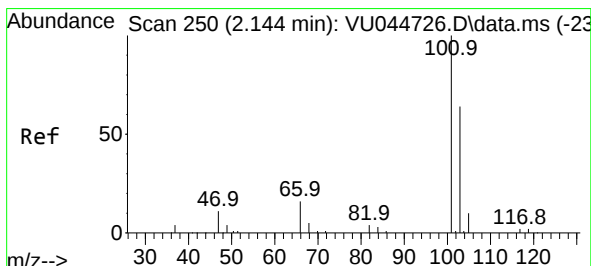
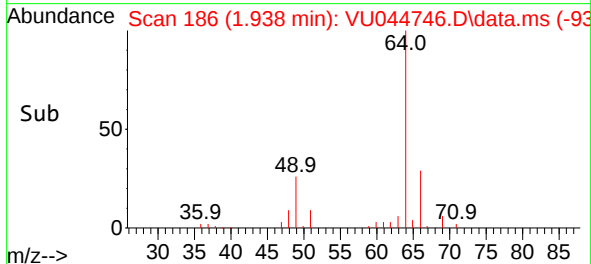
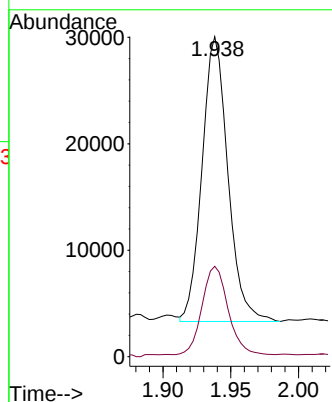
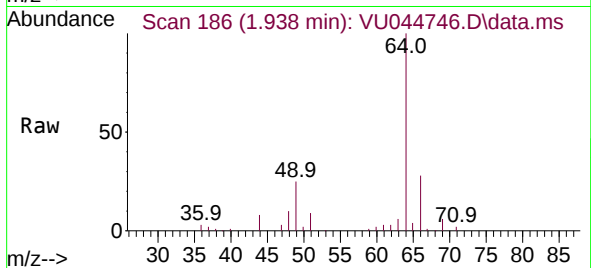




#8
Chloroethane
Concen: 4.683 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

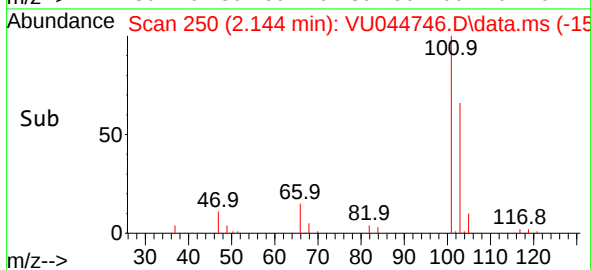
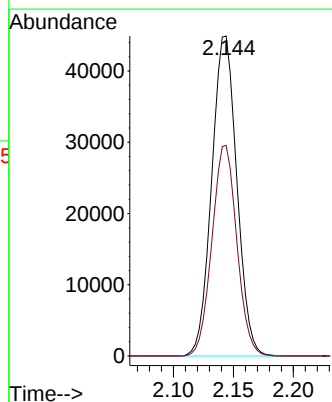
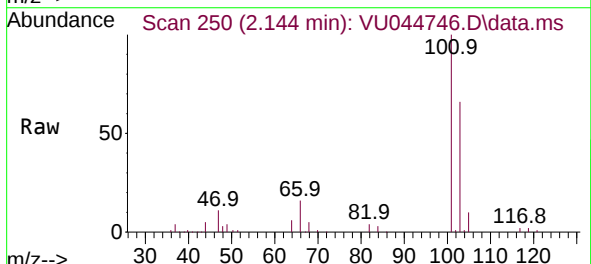
Instrument :
MSVOA_U
ClientSampled :
VSTD005117

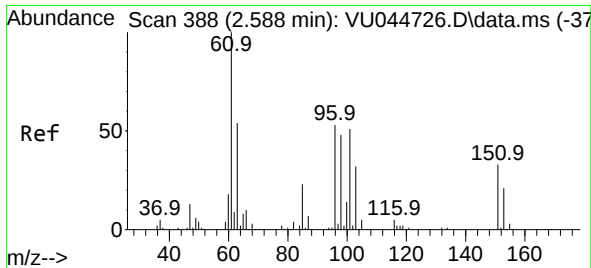
Tgt Ion: 64 Resp: 35521
Ion Ratio Lower Upper
64 100
66 28.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.876 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:101 Resp: 65351
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

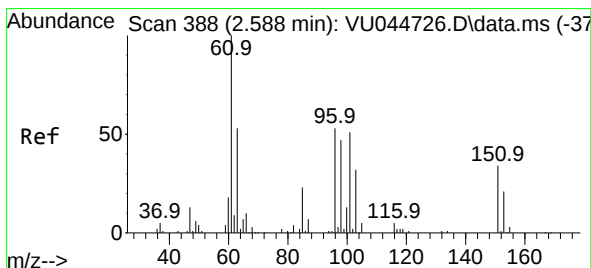
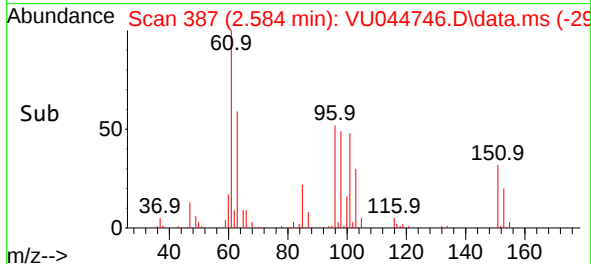
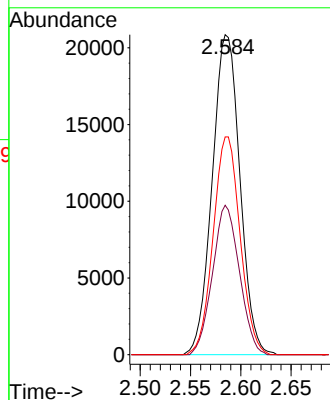
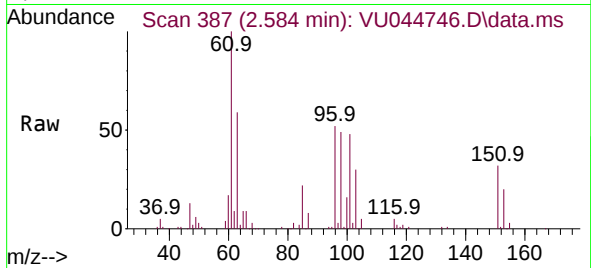




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.860 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

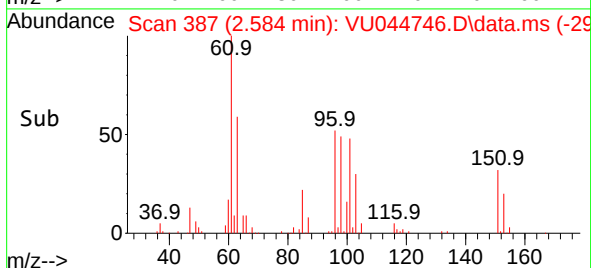
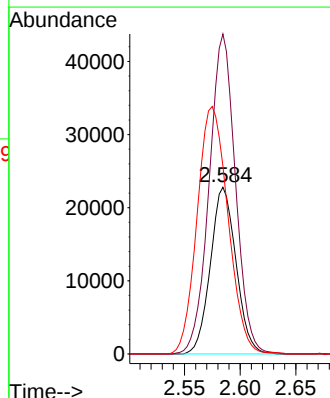
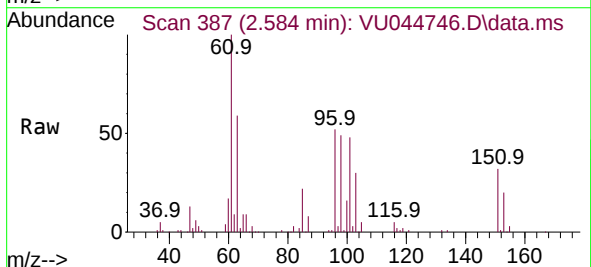
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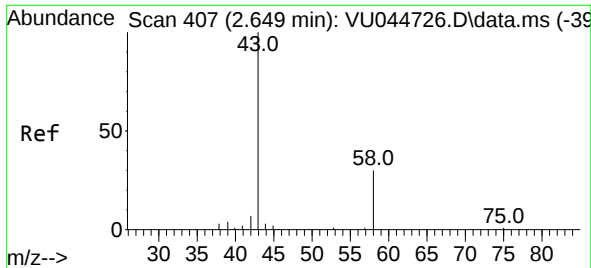
Tgt Ion:101 Resp: 39983
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.2
151 66.2 53.9 80.9



#12
1,1-Dichloroethene
Concen: 4.663 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 96 Resp: 36458
Ion Ratio Lower Upper
96 100
61 191.9 129.3 240.1
63 112.7 91.3 169.5

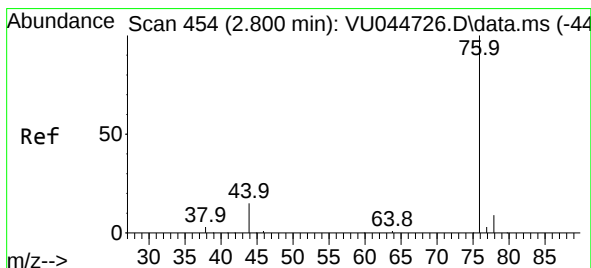
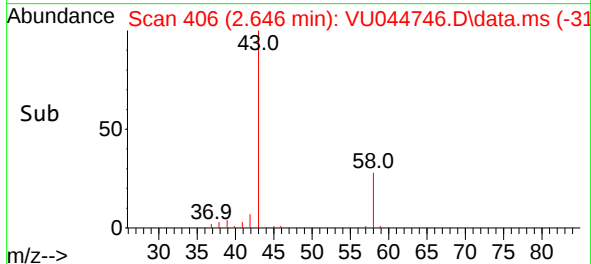
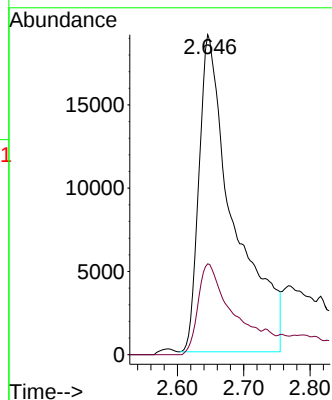
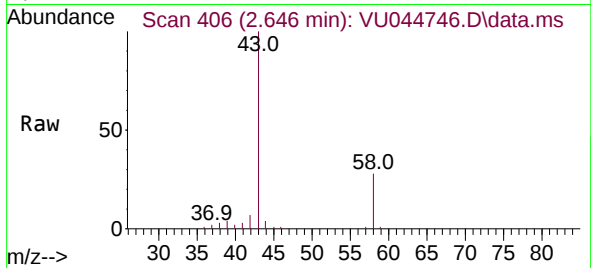




#13
Acetone
Concen: 35.435 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

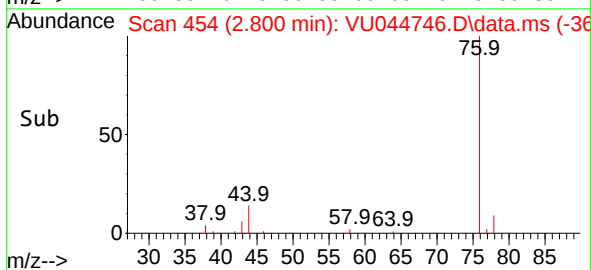
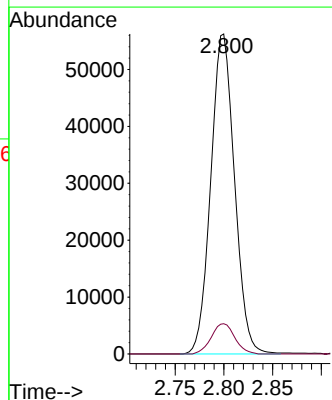
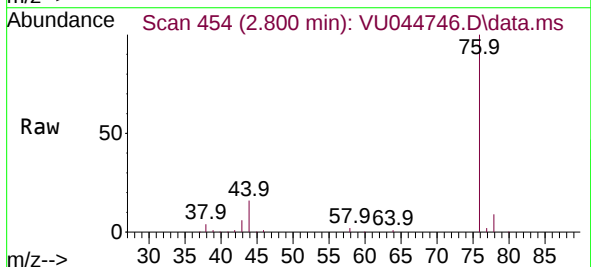
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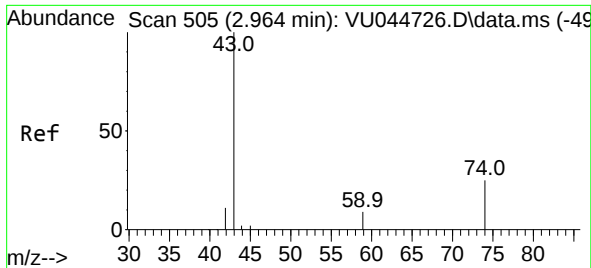
Tgt Ion: 43 Resp: 69479
Ion Ratio Lower Upper
43 100
58 27.7 0.0 42.4



#14
Carbon disulfide
Concen: 3.850 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 76 Resp: 95314
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

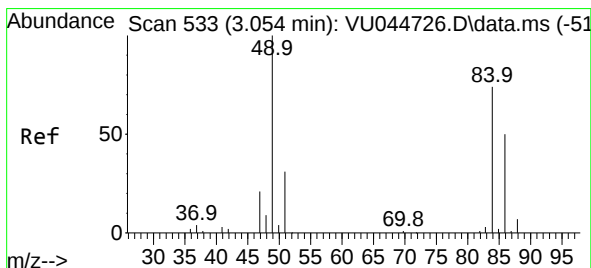
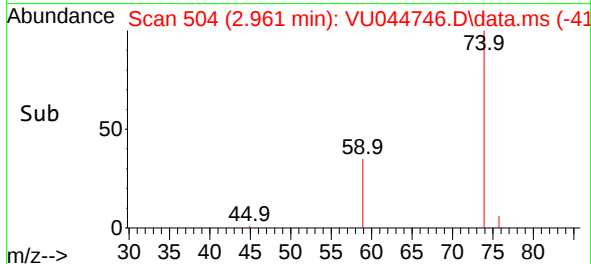
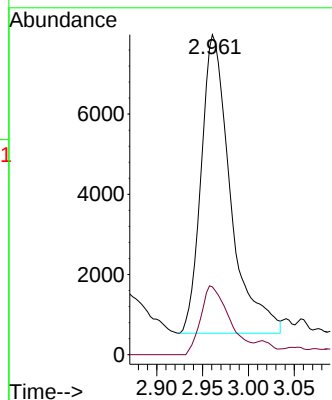
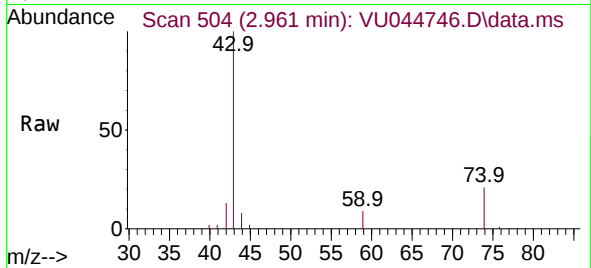




#15
Methyl Acetate
Concen: 4.678 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

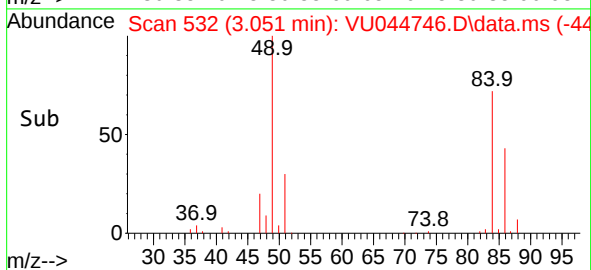
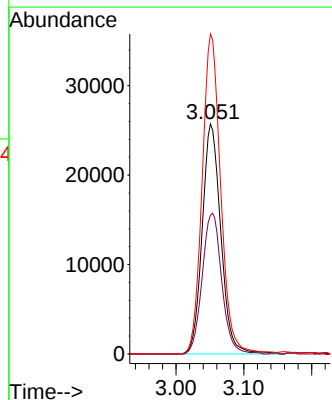
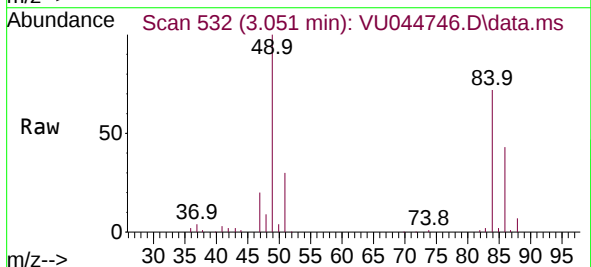
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

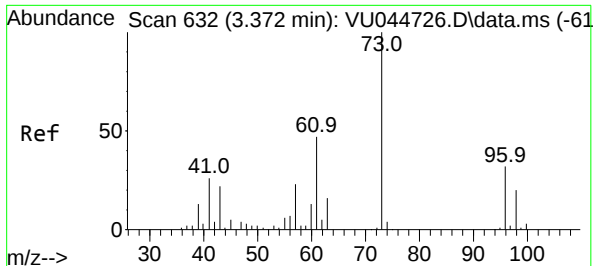
Tgt Ion: 43 Resp: 16561
Ion Ratio Lower Upper
43 100
74 22.8 20.6 30.8



#16
Methylene chloride
Concen: 3.945 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 84 Resp: 49051
Ion Ratio Lower Upper
84 100
86 60.2 45.8 85.2
49 139.0 92.9 172.5



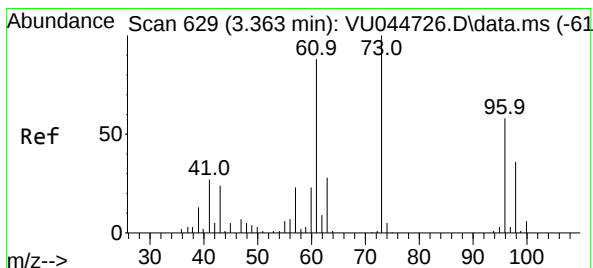
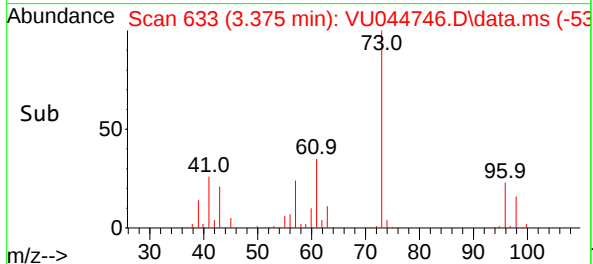
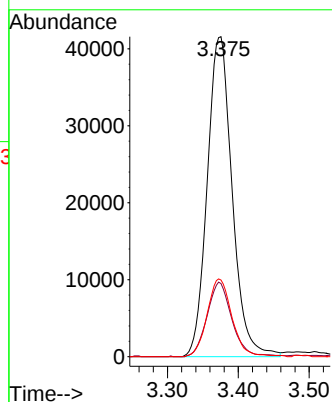
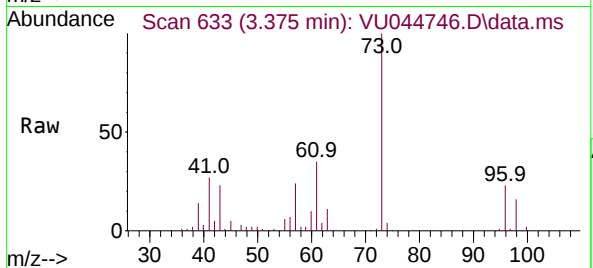


#17

Methyl tert-butyl Ether
Concen: 4.709 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

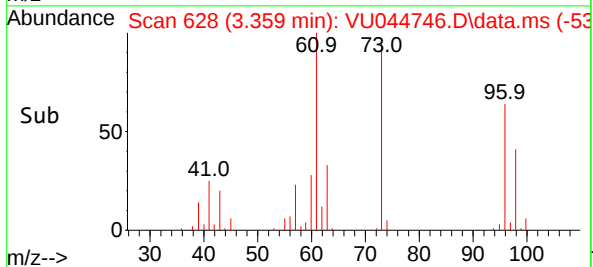
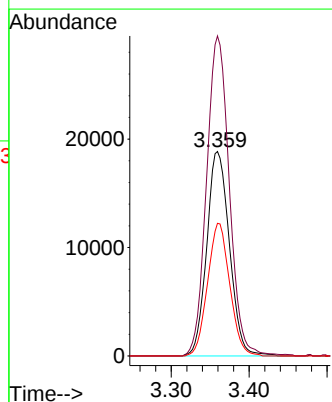
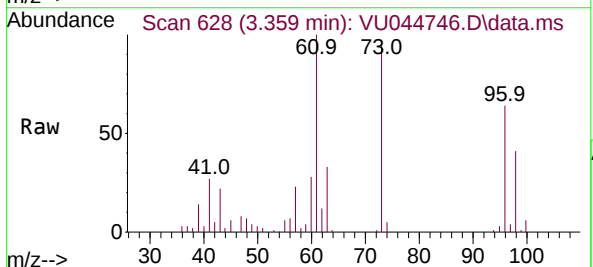
Tgt Ion: 73	Resp: 101778
Ion Ratio	Lower Upper
73 100	
43 23.2	17.8 26.6
57 24.0	18.6 27.8

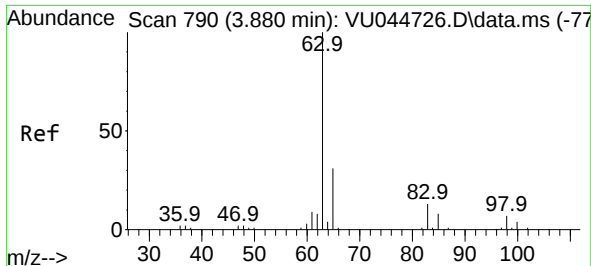


#18

trans-1,2-Dichloroethene
Concen: 4.597 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 96	Resp: 38206
Ion Ratio	Lower Upper
96 100	
61 156.5	107.2 199.0
98 64.9	42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.055 ug/L

RT: 3.877 min Scan# 789

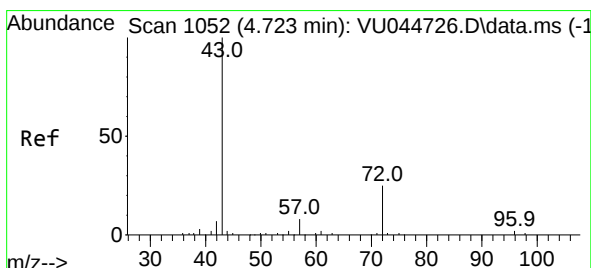
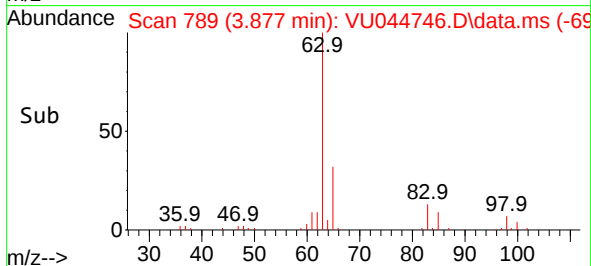
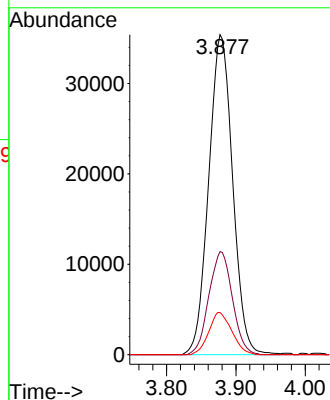
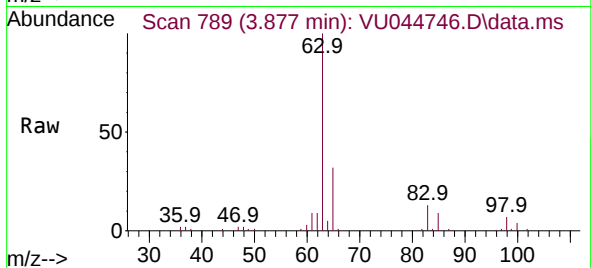
Delta R.T. -0.003 min

Lab File: VU044746.D

Acq: 21 Sep 2021 19:08

Tgt Ion:	63	Resp:	84944
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.8	40.6
83	13.2	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117



#21

2-Butanone

Concen: 40.404 ug/L

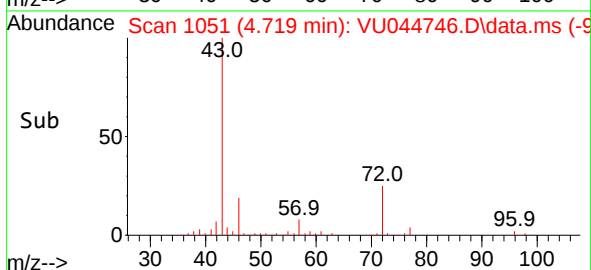
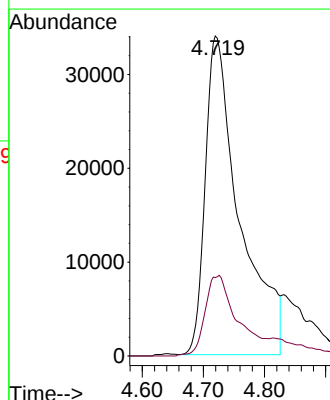
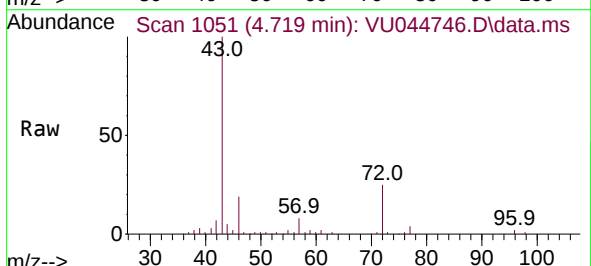
RT: 4.719 min Scan# 1051

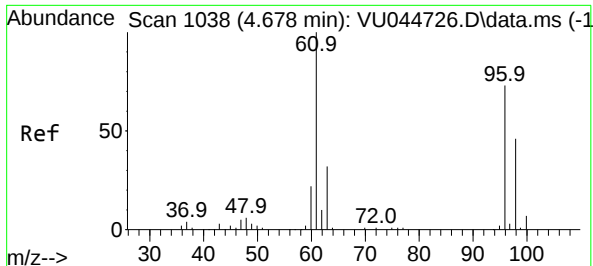
Delta R.T. -0.003 min

Lab File: VU044746.D

Acq: 21 Sep 2021 19:08

Tgt Ion:	43	Resp:	132275
Ion	Ratio	Lower	Upper
43	100		
72	24.2	9.2	27.4

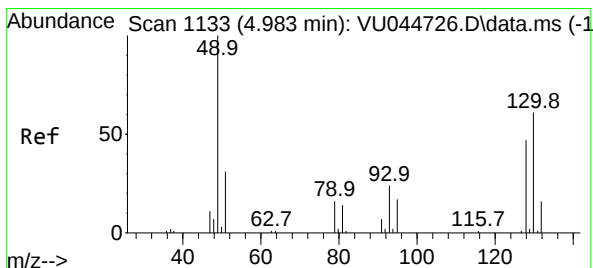
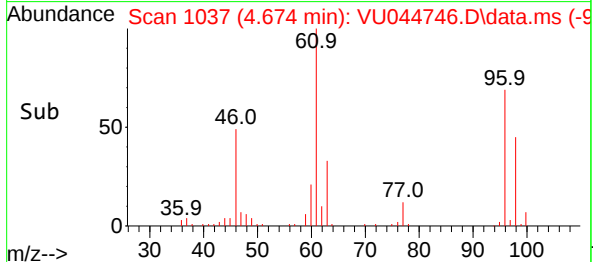
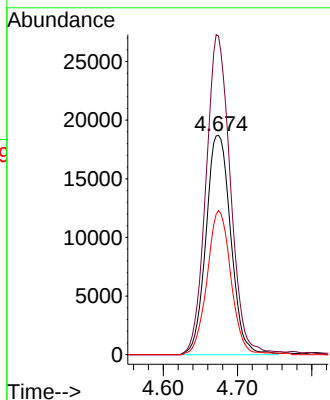
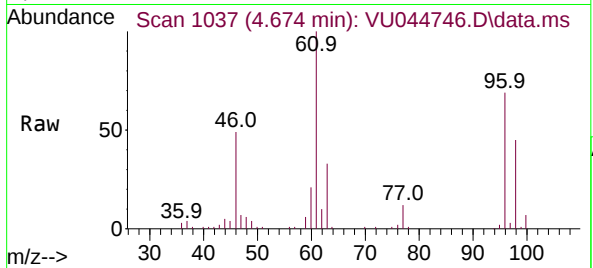




#22
 cis-1,2-Dichloroethene
 Concen: 4.744 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

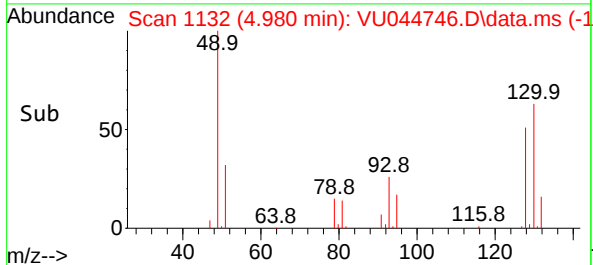
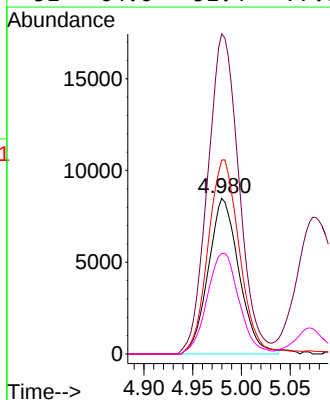
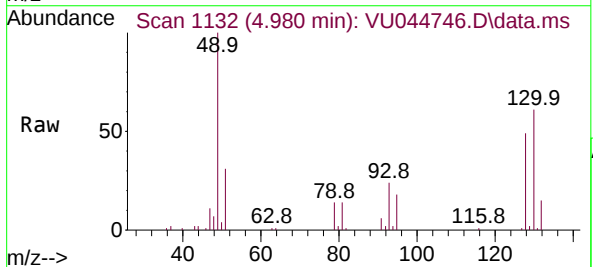
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

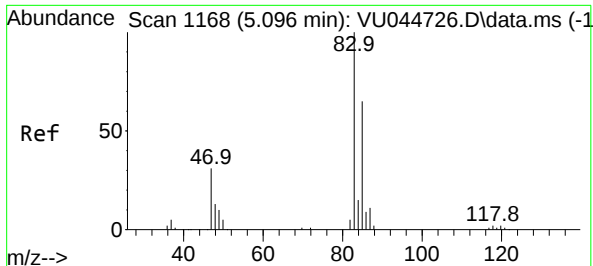
Tgt Ion:	96	Resp:	43466
Ion	Ratio	Lower	Upper
96	100		
61	145.2	96.9	179.9
98	65.7	43.5	80.7



#23
 Bromochloromethane
 Concen: 4.781 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.003 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

Tgt Ion:	128	Resp:	18560
Ion	Ratio	Lower	Upper
128	100		
49	205.7	141.4	262.6
130	124.6	94.3	175.1
51	64.6	51.4	77.0



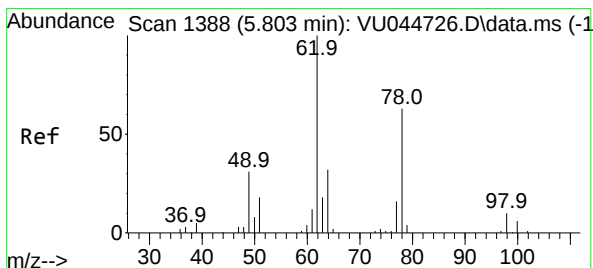
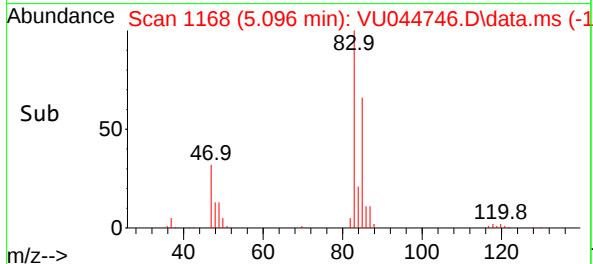
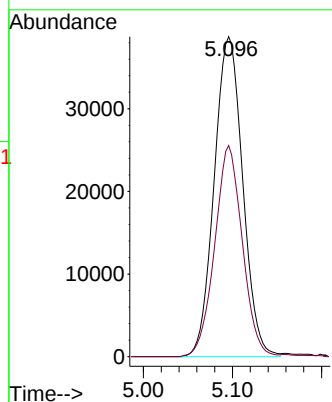
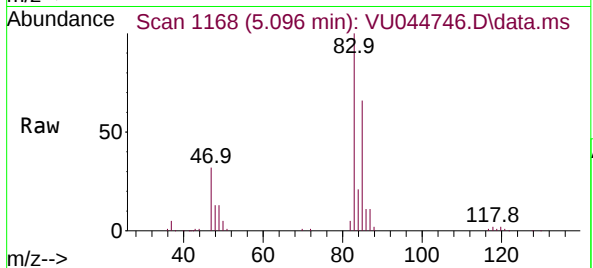


#25

Chloroform
Concen: 4.809 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampled :
VSTD005117

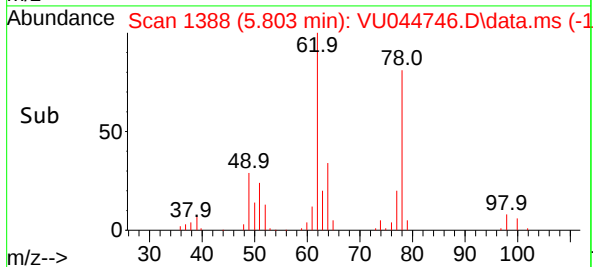
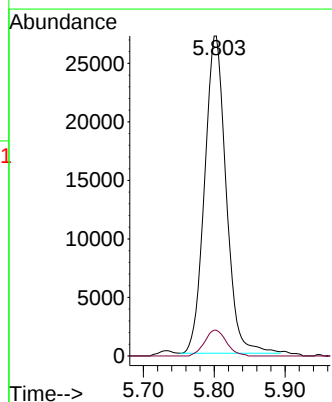
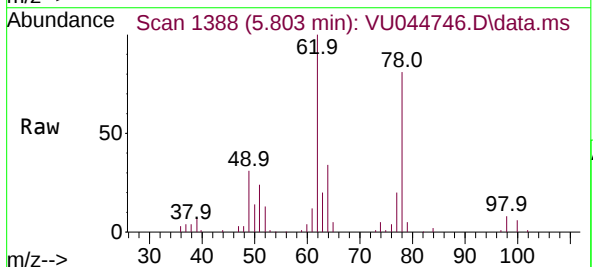
Tgt Ion: 83 Resp: 86127
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.0

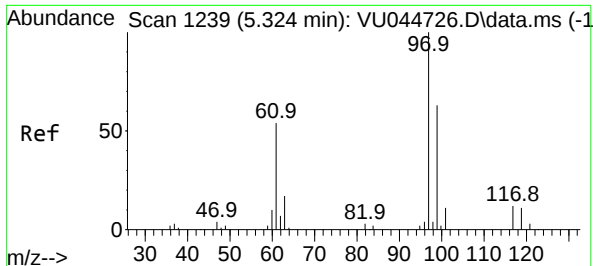


#27

1,2-Dichloroethane
Concen: 4.879 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 62 Resp: 57207
Ion Ratio Lower Upper
62 100
98 8.0 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.114 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044746.D

Acq: 21 Sep 2021 19:08

Tgt Ion: 97 Resp: 67051

Ion Ratio Lower Upper

97 100

99 63.5 50.7 76.1

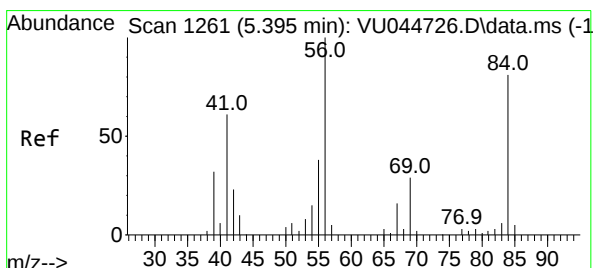
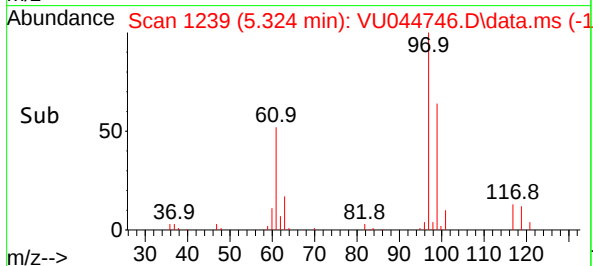
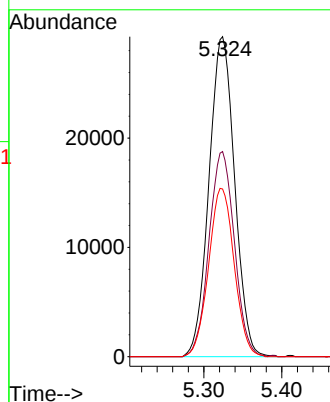
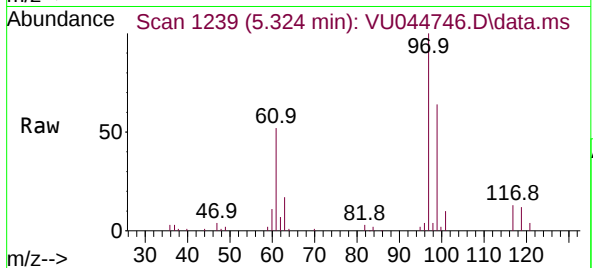
61 52.5 40.6 60.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD005117



#30

Cyclohexane

Concen: 4.406 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU044746.D

Acq: 21 Sep 2021 19:08

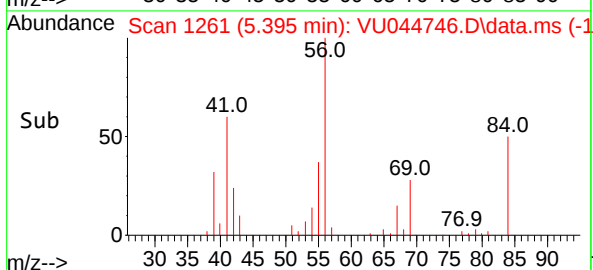
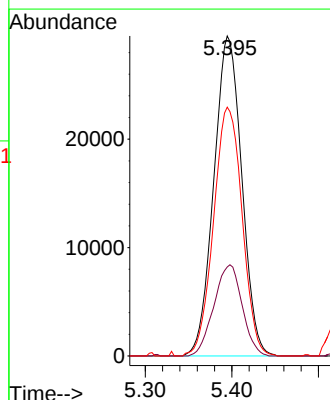
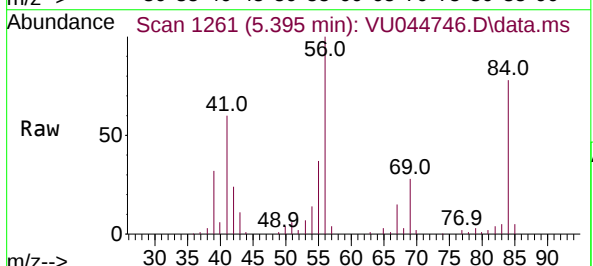
Tgt Ion: 56 Resp: 66150

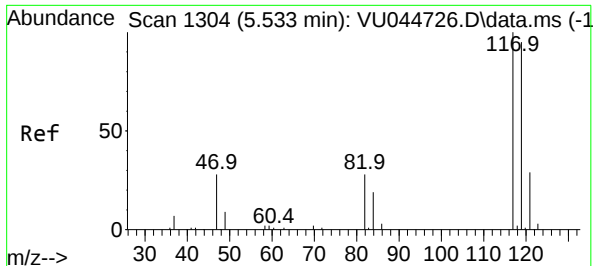
Ion Ratio Lower Upper

56 100

69 28.8 23.4 35.2

84 79.4 65.5 98.3

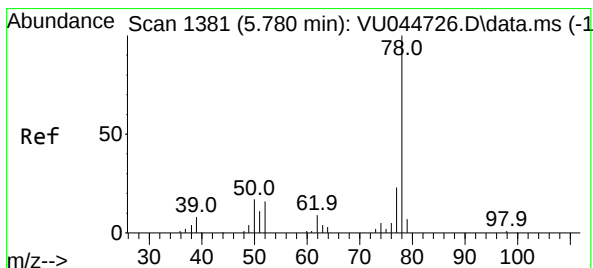
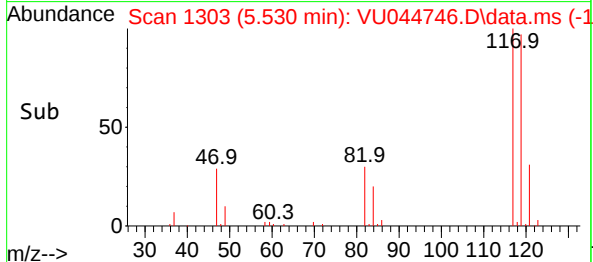
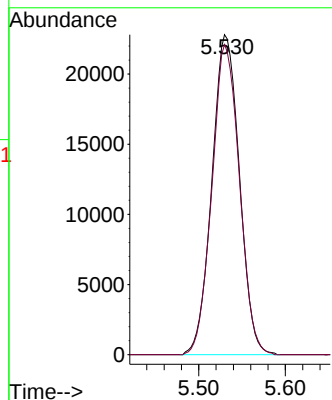
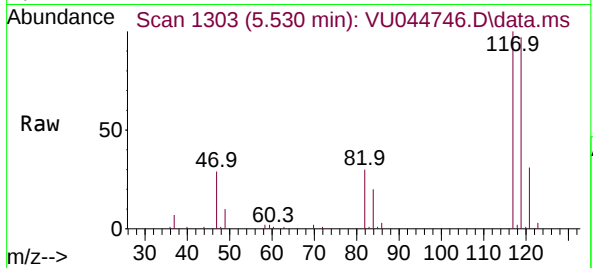




#31
Carbon tetrachloride
Concen: 4.898 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

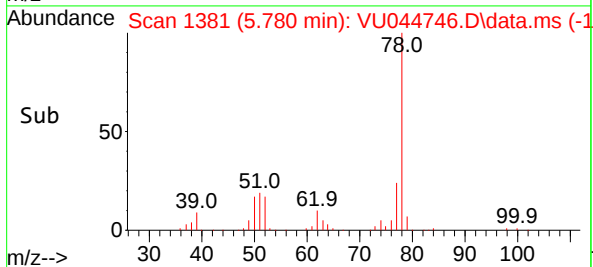
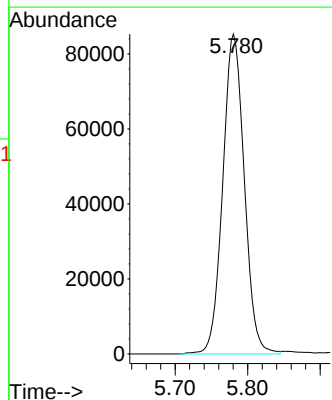
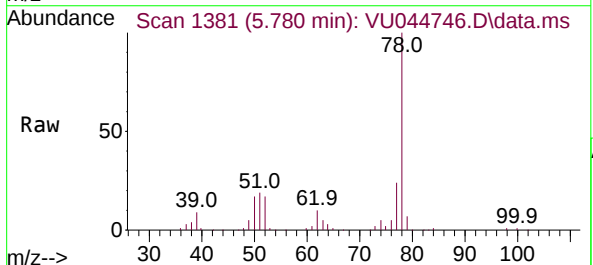
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

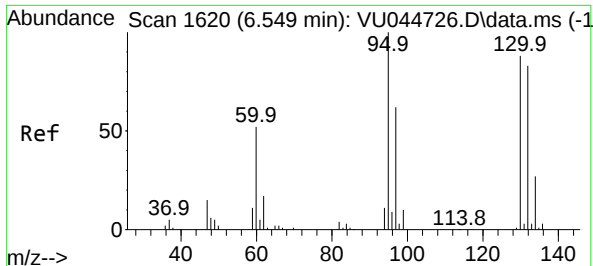
Tgt Ion:117 Resp: 50253
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6



#33
Benzene
Concen: 4.932 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 78 Resp: 176107



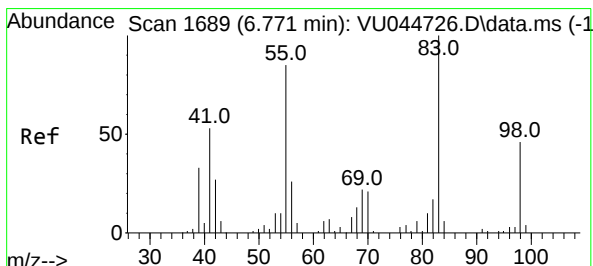
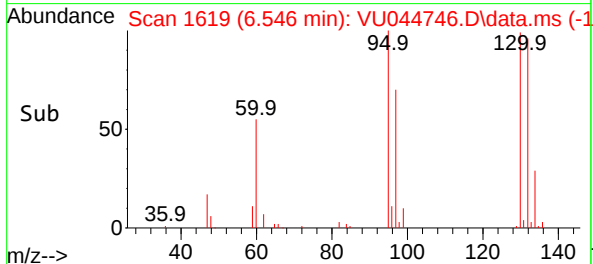
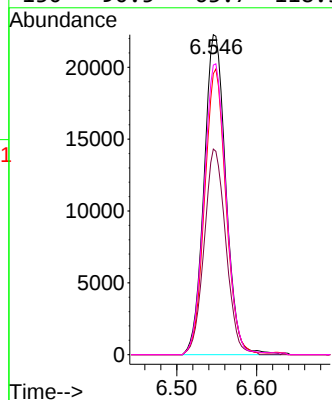
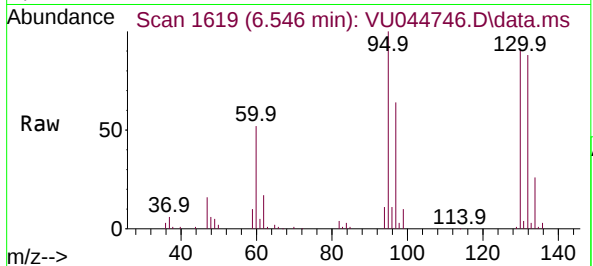


#34
Trichloroethene
Concen: 4.794 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

Tgt Ion: 95 Resp: 42378

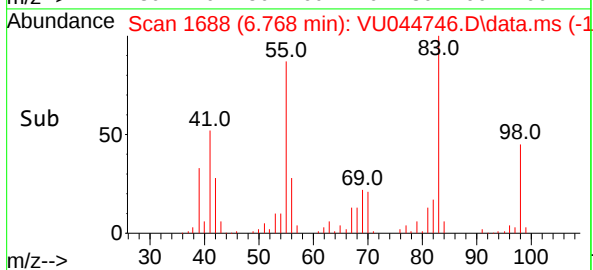
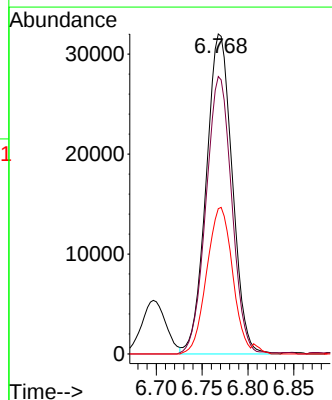
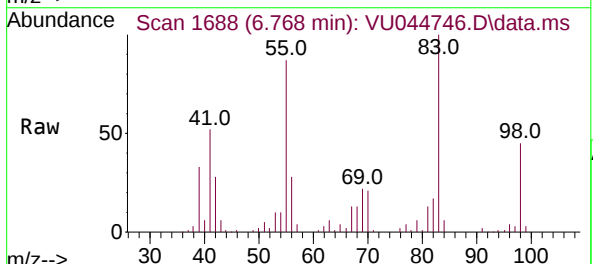
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.7	82.9
132	87.8	60.3	111.9
130	90.5	63.7	118.3

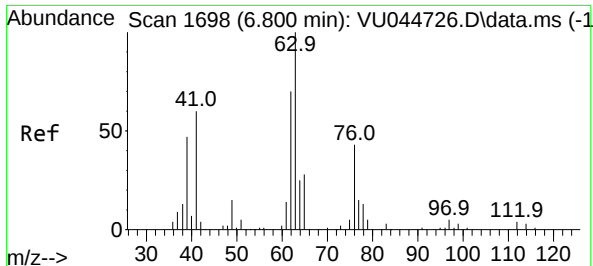


#35
Methylcyclohexane
Concen: 4.363 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 83 Resp: 63381

Ion	Ratio	Lower	Upper
83	100		
55	85.7	68.3	102.5
98	45.2	37.3	55.9



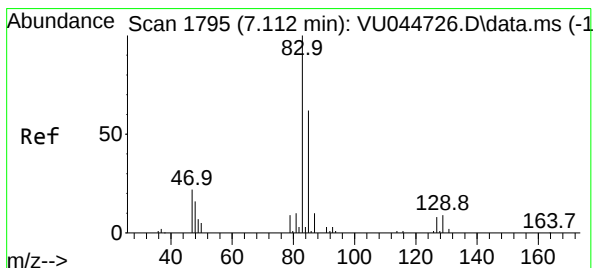
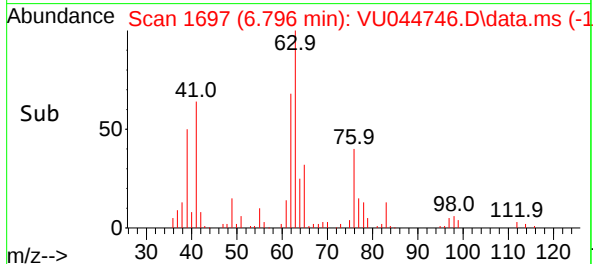
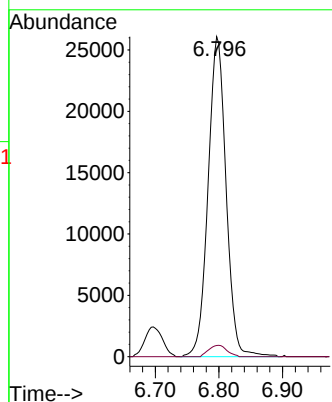
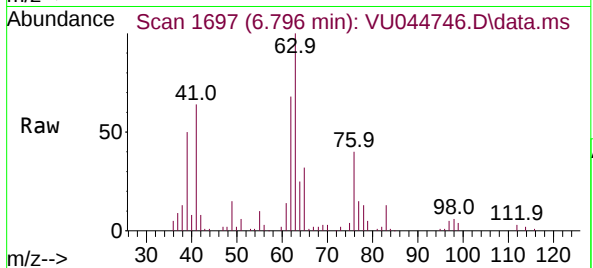


#37

1,2-Dichloropropane
Concen: 5.363 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampled :
VSTD005117

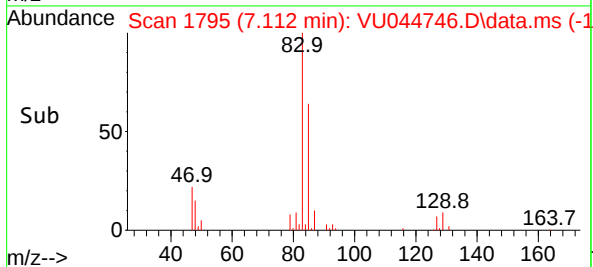
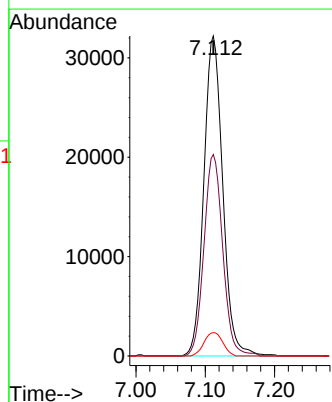
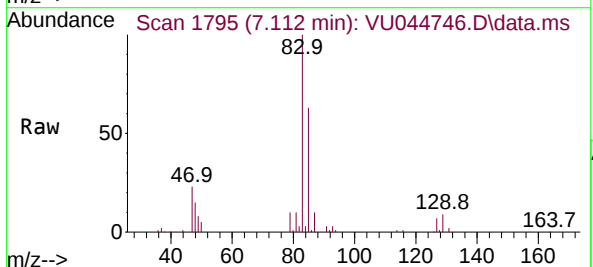
Tgt Ion: 63 Resp: 51320
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7

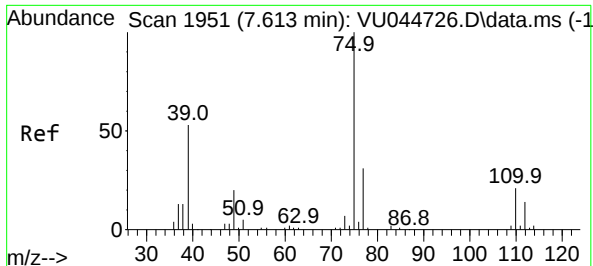


#38

Bromodichloromethane
Concen: 5.253 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 83 Resp: 60949
Ion Ratio Lower Upper
83 100
85 63.0 46.3 86.1
127 7.3 6.0 9.0



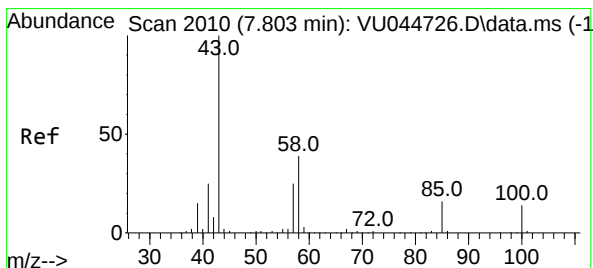
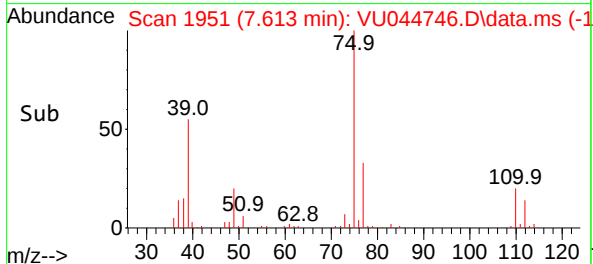
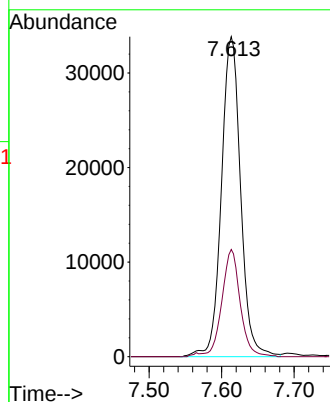
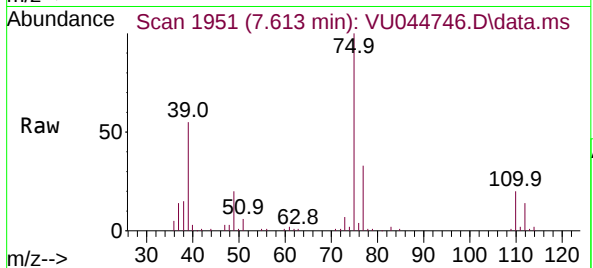


#39

cis-1,3-Dichloropropene
Concen: 4.603 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

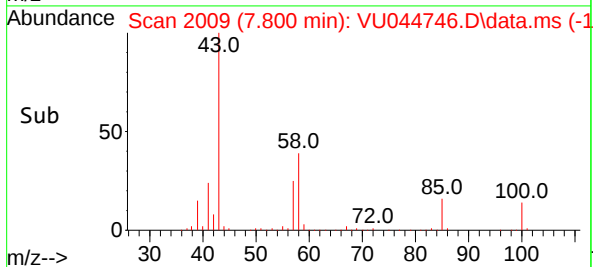
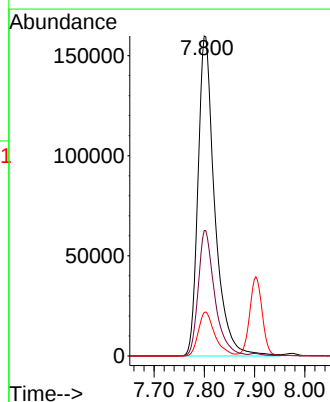
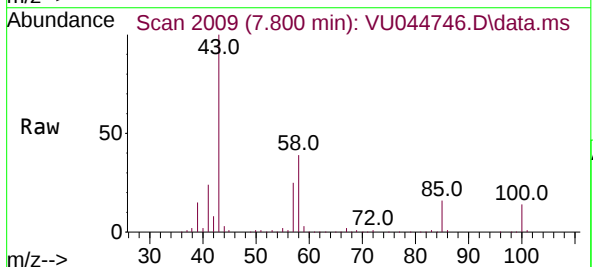
Tgt Ion: 75 Resp: 62402
Ion Ratio Lower Upper
75 100
77 33.5 21.5 39.9

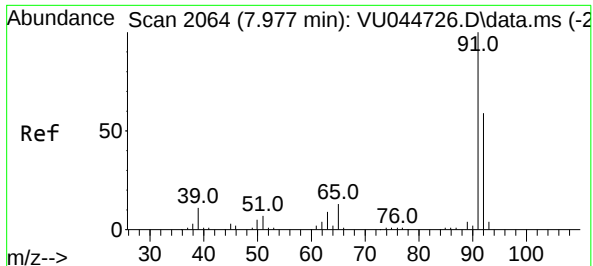


#40

4-Methyl-2-pentanone
Concen: 49.686 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 43 Resp: 370052
Ion Ratio Lower Upper
43 100
58 38.7 31.2 46.8
100 13.6 11.4 17.0

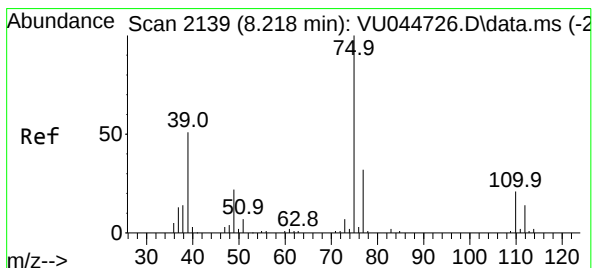
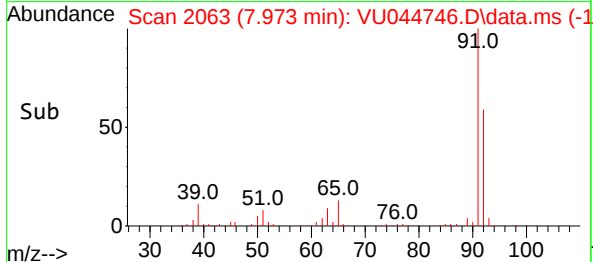
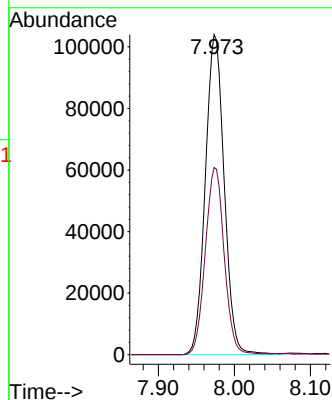
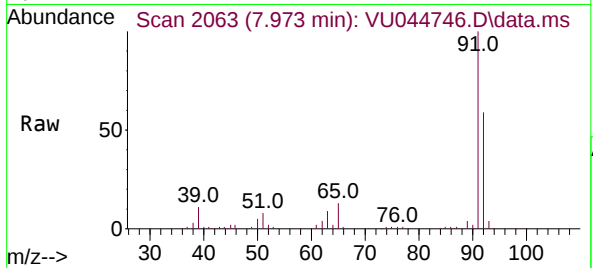




#42
Toluene
Concen: 4.815 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

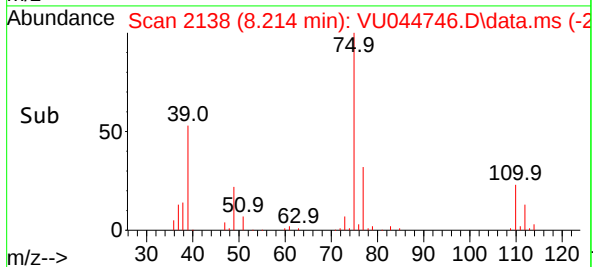
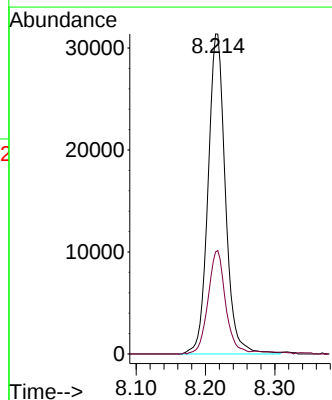
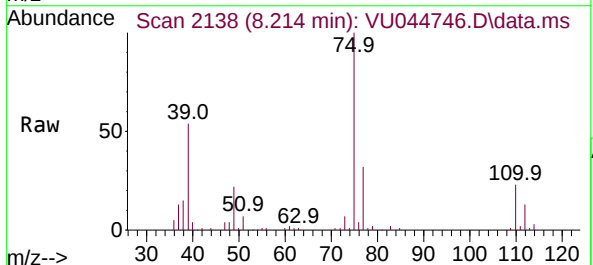
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

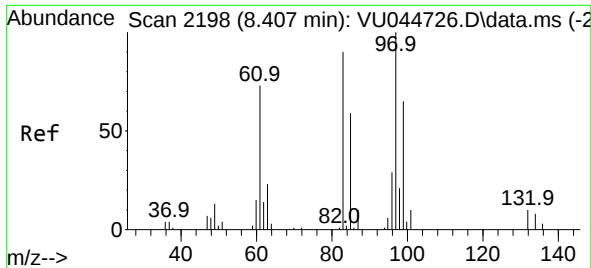
Tgt Ion: 91 Resp: 179549
Ion Ratio Lower Upper
91 100
92 58.5 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 4.698 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 75 Resp: 54340
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0

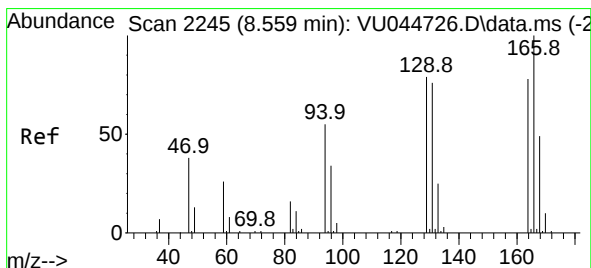
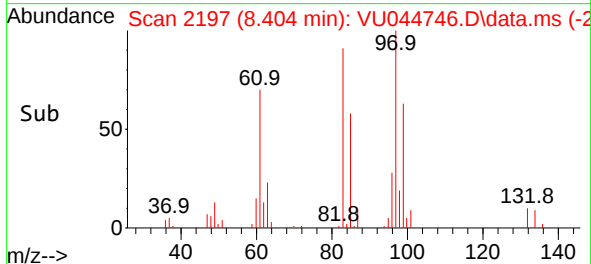
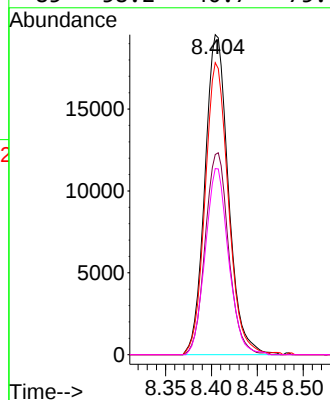
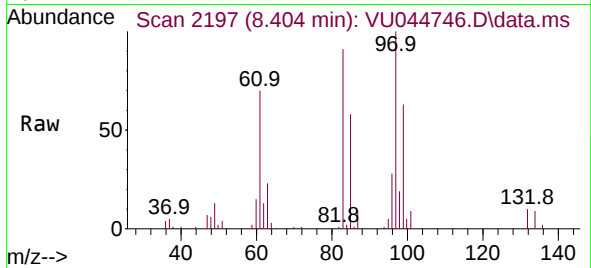




#45
1,1,2-Trichloroethane
Concen: 5.133 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

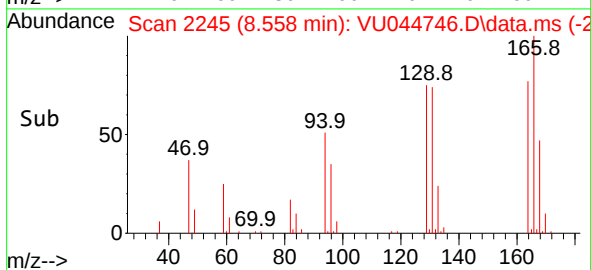
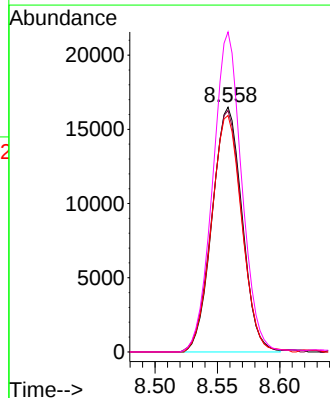
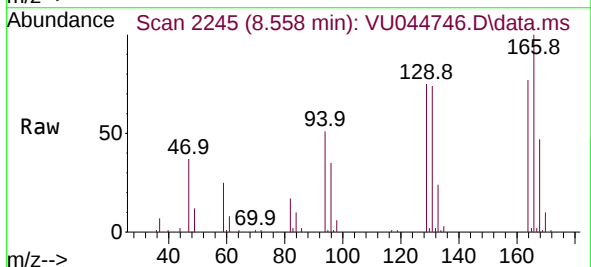
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

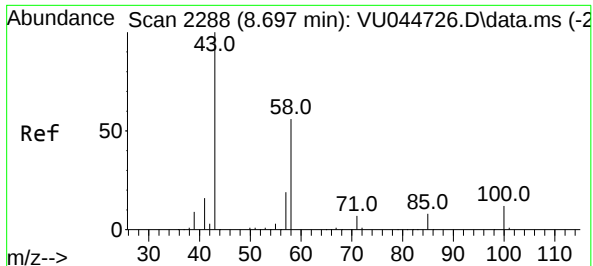
Tgt Ion:	97	Resp:	34925
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.8	83.2
83	91.2	63.6	118.0
85	58.2	40.7	75.7



#47
Tetrachloroethene
Concen: 4.479 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:	164	Resp:	27493
Ion	Ratio	Lower	Upper
164	100		
129	98.6	67.0	124.4
131	96.6	65.2	121.0
166	130.7	87.6	162.8



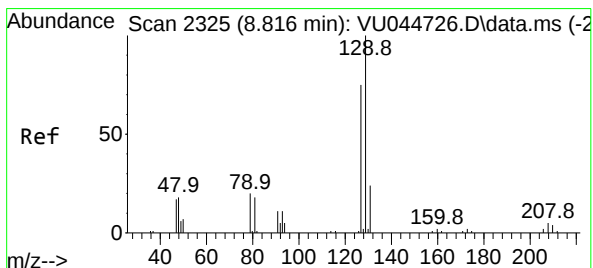
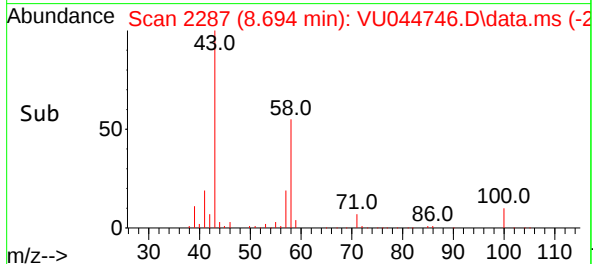
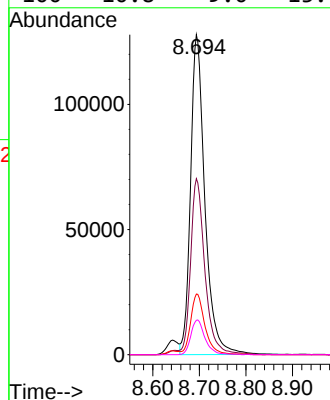
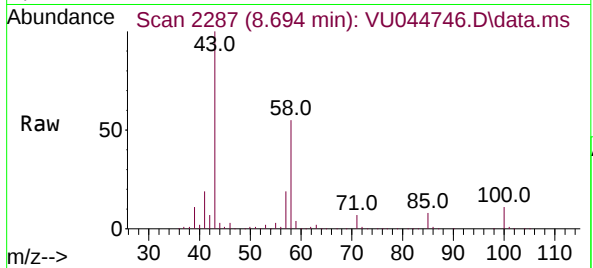


#48
2-Hexanone
Concen: 49.325 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

Tgt Ion: 43 Resp: 273439

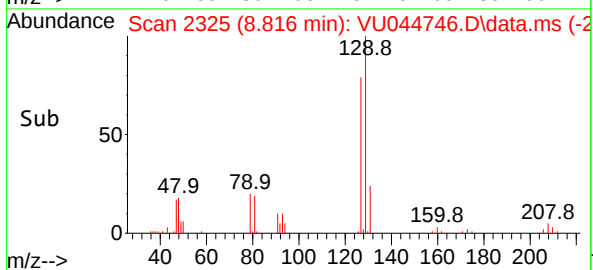
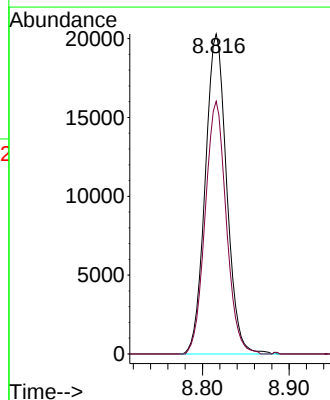
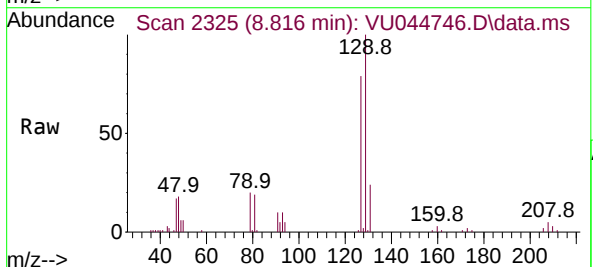
Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.6	66.8
57	19.2	14.8	22.2
100	10.8	9.0	13.4

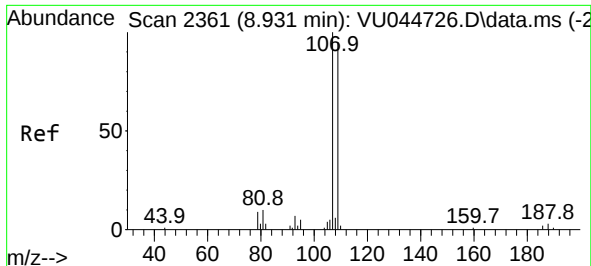


#49
Dibromochloromethane
Concen: 4.875 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 129 Resp: 34845

Ion	Ratio	Lower	Upper
129	100		
127	78.9	53.3	99.1

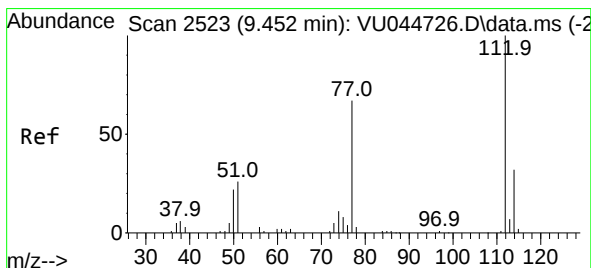
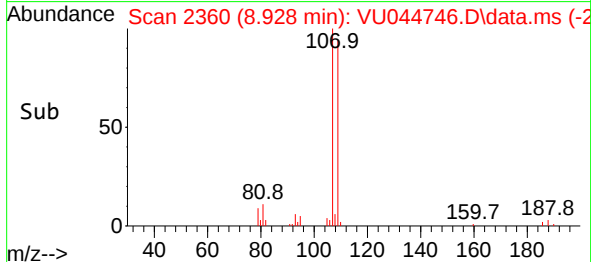
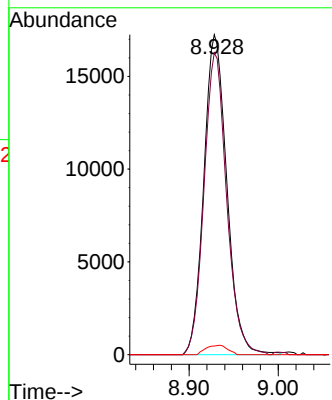
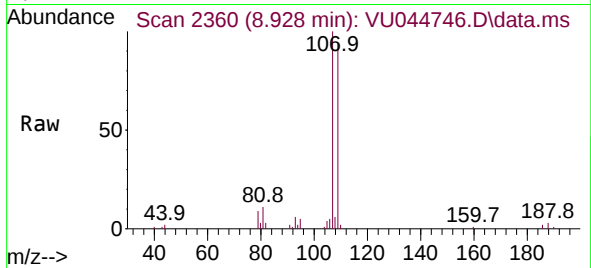




#50
1,2-Dibromoethane
Concen: 4.828 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

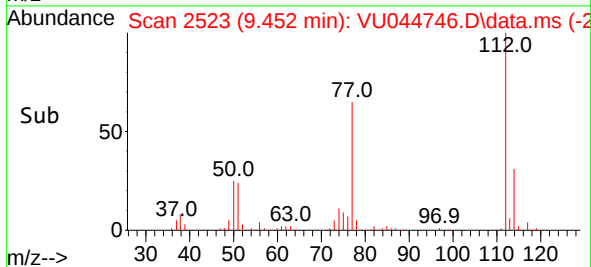
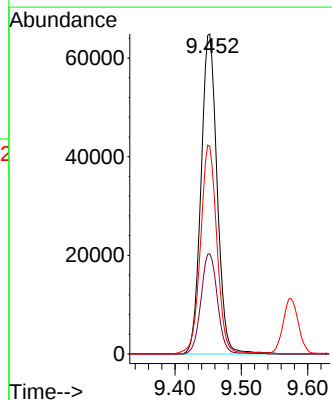
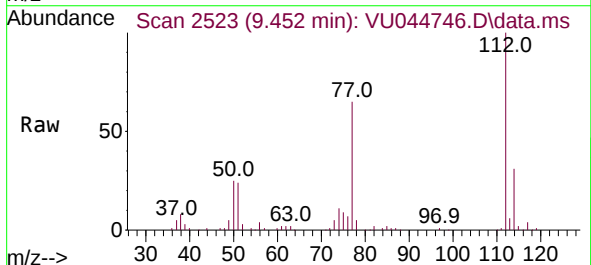
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

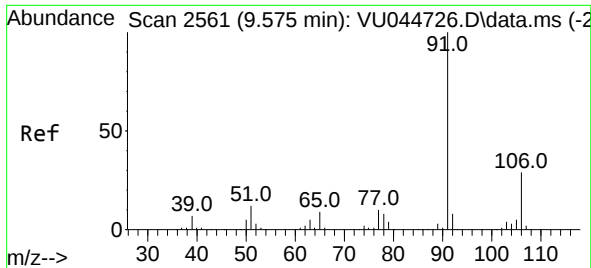
Tgt Ion:107 Resp: 30922
Ion Ratio Lower Upper
107 100
109 94.4 65.5 121.7
188 2.7 3.0 4.4#



#51
Chlorobenzene
Concen: 4.728 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:112 Resp: 109319
Ion Ratio Lower Upper
112 100
114 31.3 22.8 42.4
77 64.9 51.4 77.0

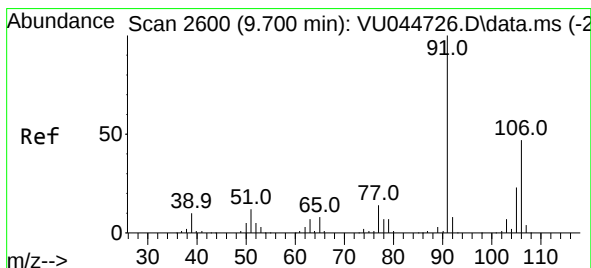
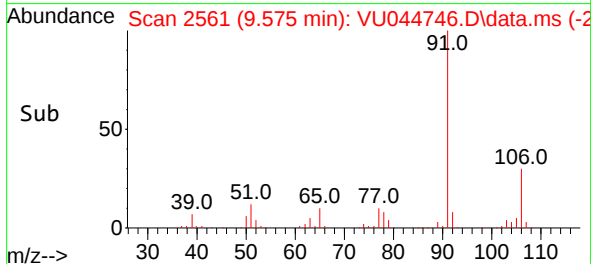
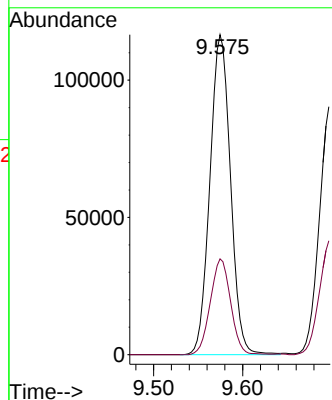
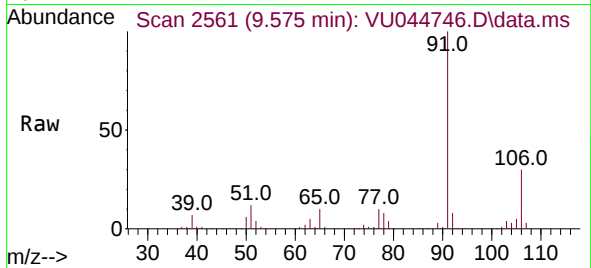




#52
Ethylbenzene
Concen: 4.623 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

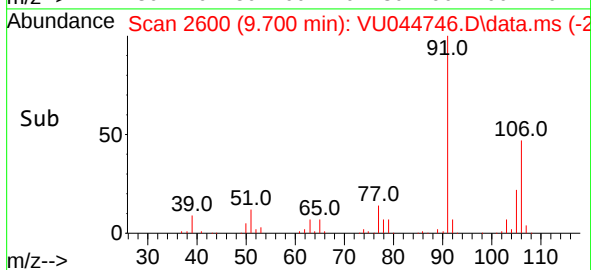
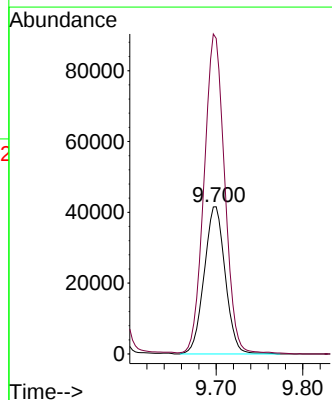
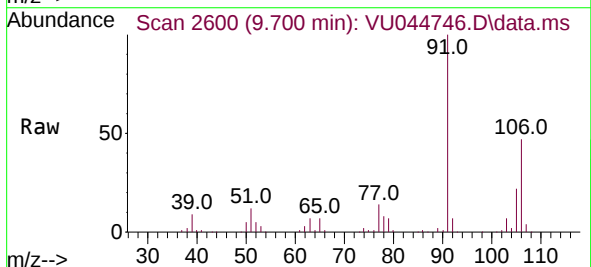
Instrument :
MSVOA_U
ClientSampled :
VSTD005117

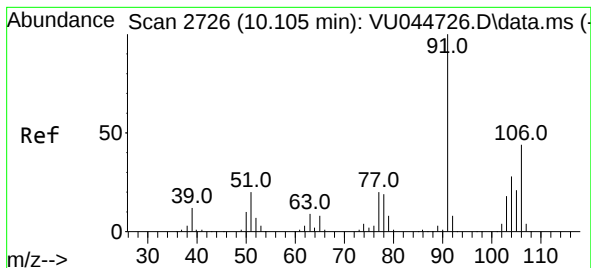
Tgt Ion: 91 Resp: 186742
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 4.577 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 106 Resp: 70302
Ion Ratio Lower Upper
106 100
91 214.4 144.6 268.6

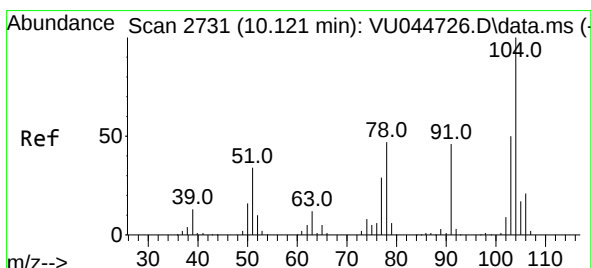
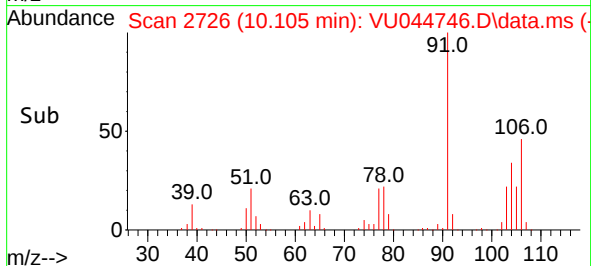
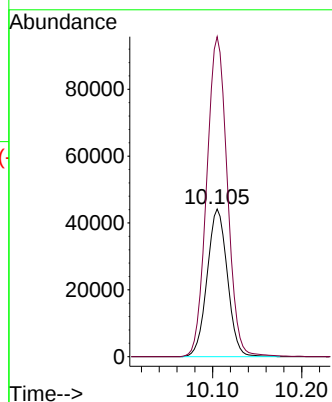
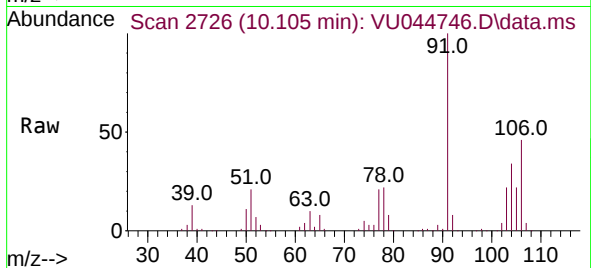




#54
o-Xylene
Concen: 4.759 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

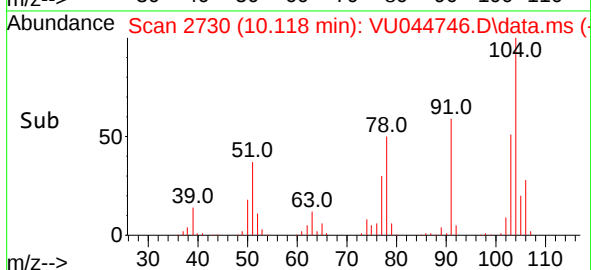
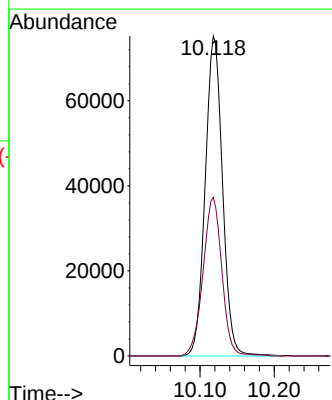
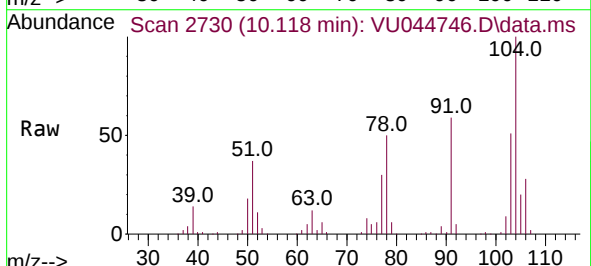
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

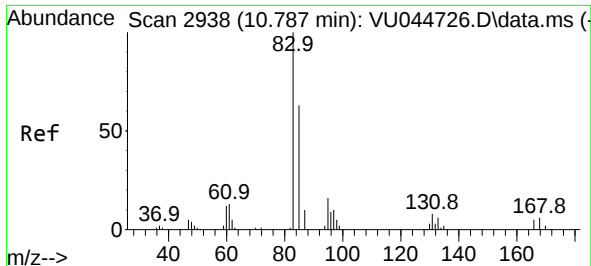
Tgt Ion:106 Resp: 69840
Ion Ratio Lower Upper
106 100
91 216.7 156.2 290.0



#55
Styrene
Concen: 4.737 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:104 Resp: 121679
Ion Ratio Lower Upper
104 100
78 49.6 33.6 62.4

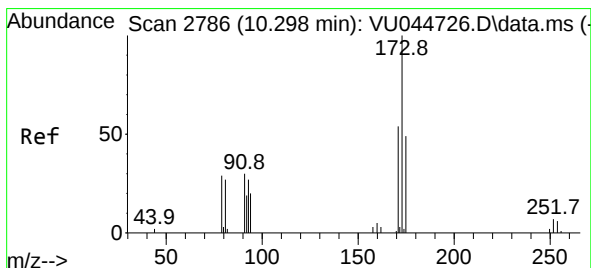
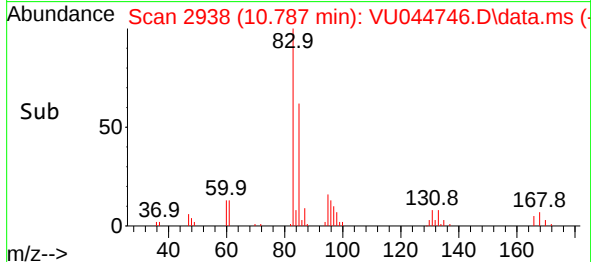
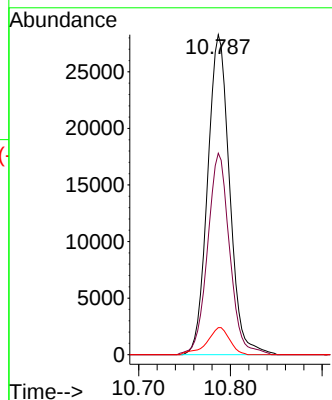
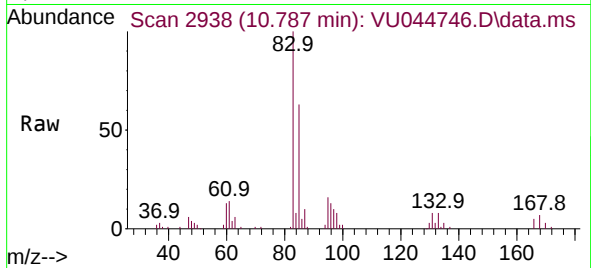




#57
1,1,2,2-Tetrachloroethane
Concen: 5.143 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

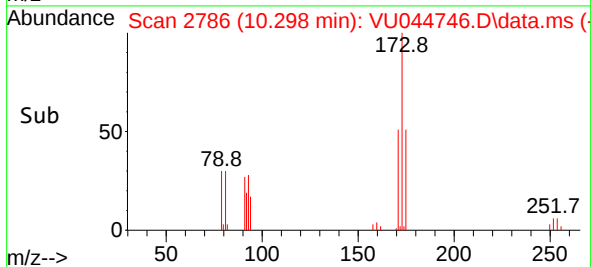
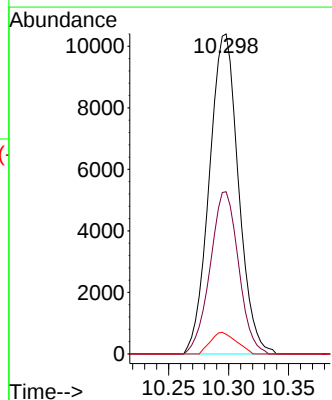
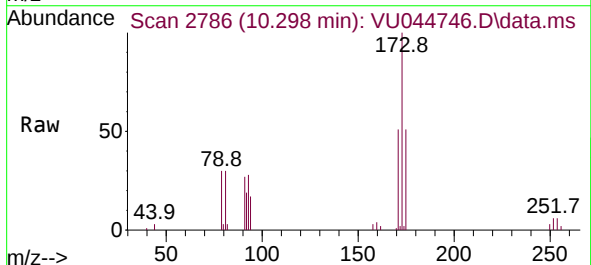
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

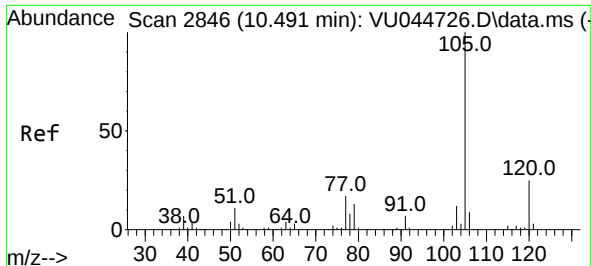
Tgt Ion:	83	Resp:	46978
Ion	Ratio	Lower	Upper
83	100		
85	63.0	44.5	82.7
131	8.4	6.6	10.0



#59
Bromoform
Concen: 4.605 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:	173	Resp:	17550
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.8	58.2
254	6.0	4.9	7.3

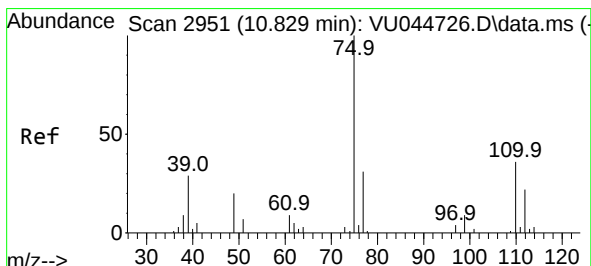
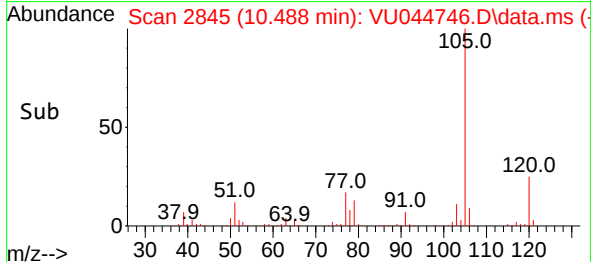
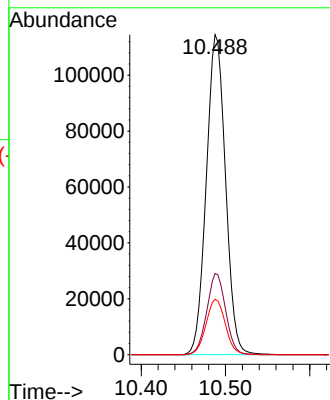
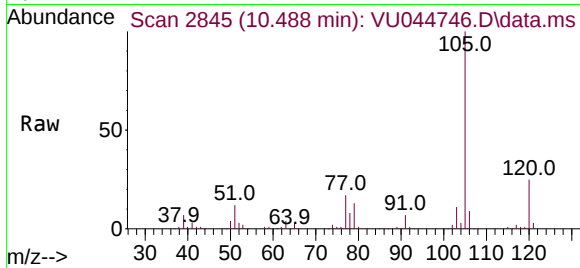




#60
Isopropylbenzene
Concen: 4.731 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

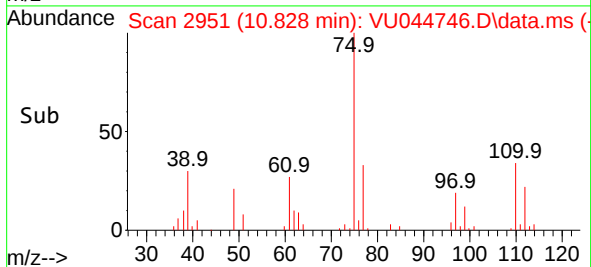
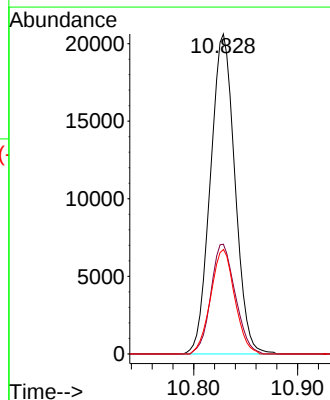
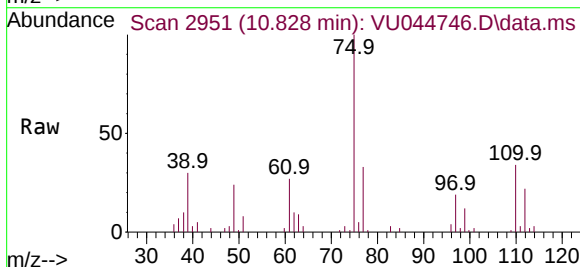
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

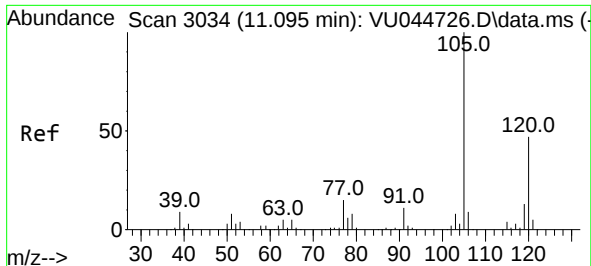
Tgt Ion:105 Resp: 181599
Ion Ratio Lower Upper
105 100
120 24.9 20.2 30.2
77 17.4 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 4.974 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 75 Resp: 33700
Ion Ratio Lower Upper
75 100
110 34.2 28.8 43.2
77 32.1 25.9 38.9

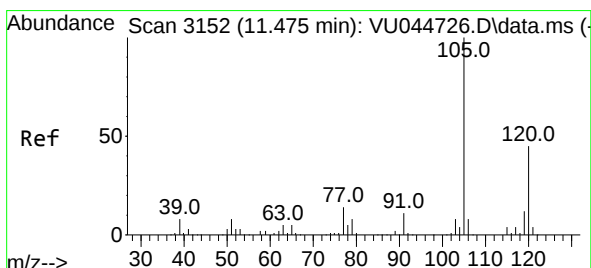
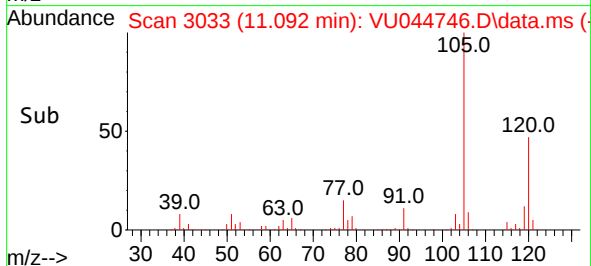
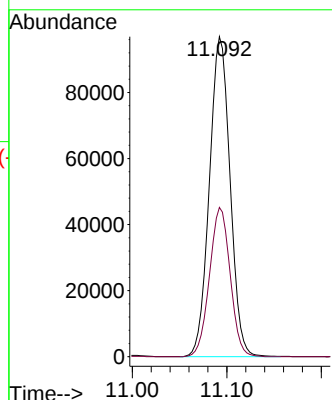
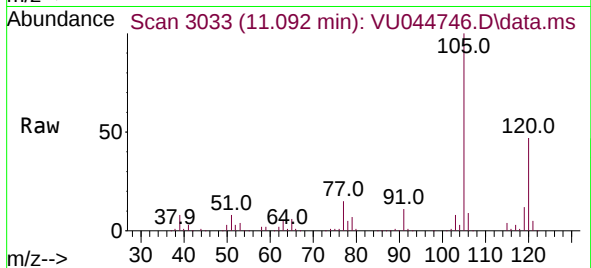




#62
1,3,5-Trimethylbenzene
Concen: 4.622 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

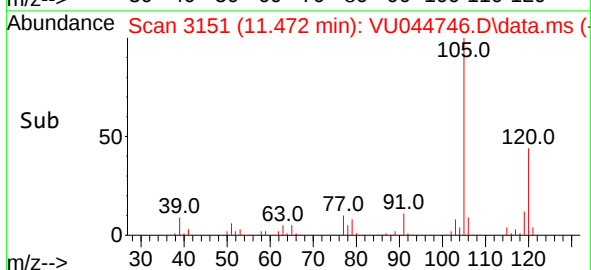
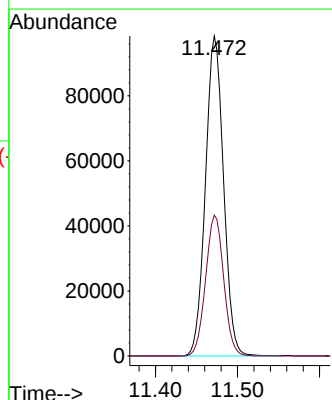
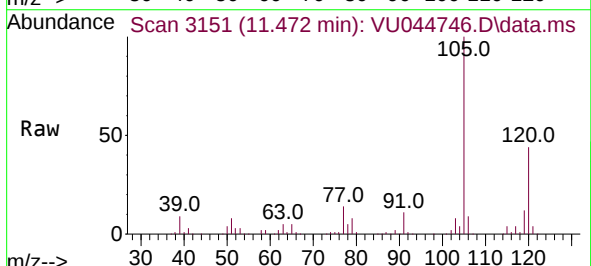
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

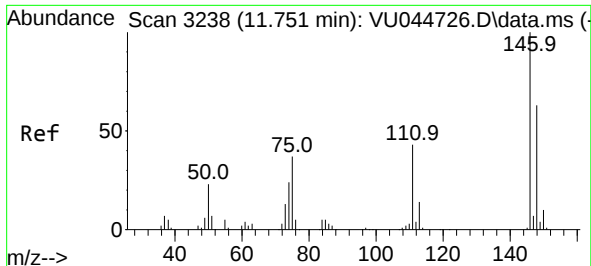
Tgt Ion:105 Resp: 147329
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 4.621 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:105 Resp: 151288
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.2

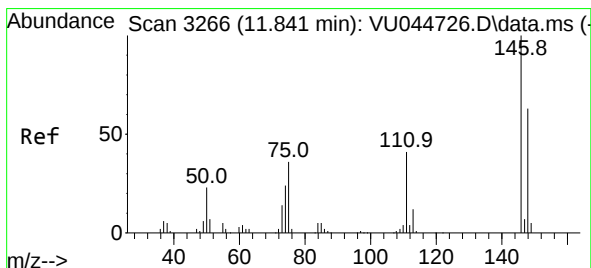
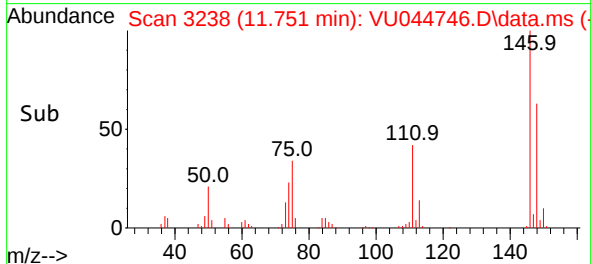
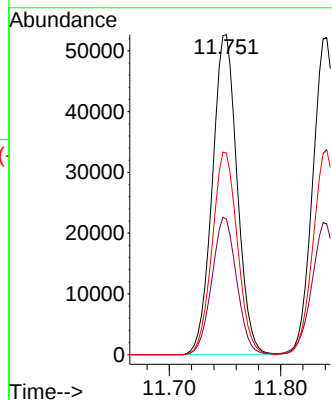
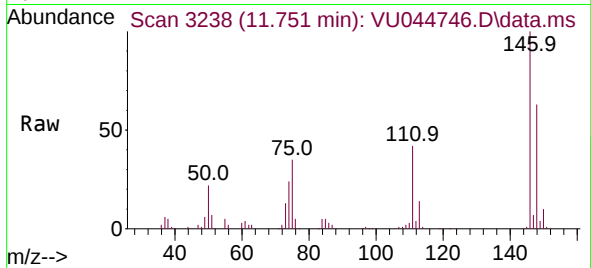




#64
1,3-Dichlorobenzene
Concen: 4.565 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

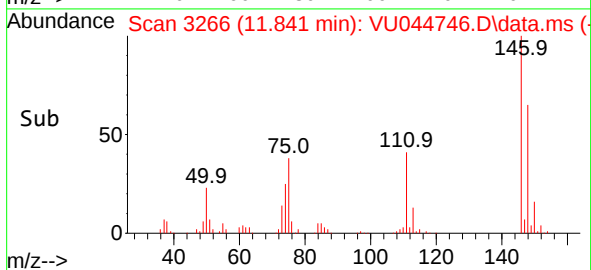
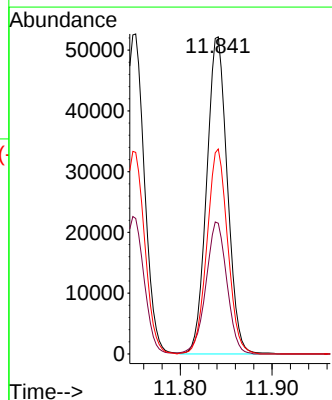
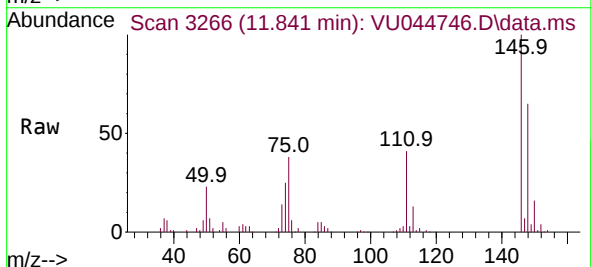
Instrument :
MSVOA_U
ClientSampled :
VSTD005117

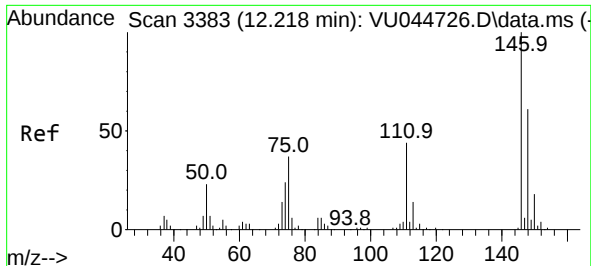
Tgt Ion:146 Resp: 81698
Ion Ratio Lower Upper
146 100
111 42.4 29.8 55.4
148 63.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.424 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:146 Resp: 81685
Ion Ratio Lower Upper
146 100
111 41.2 28.7 53.3
148 64.6 45.4 84.4

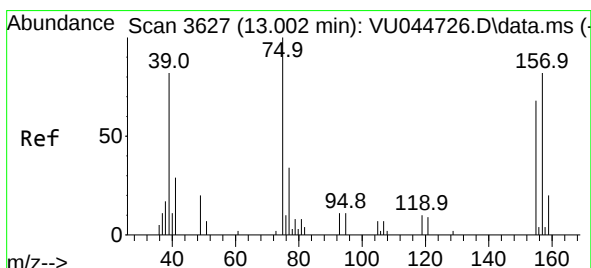
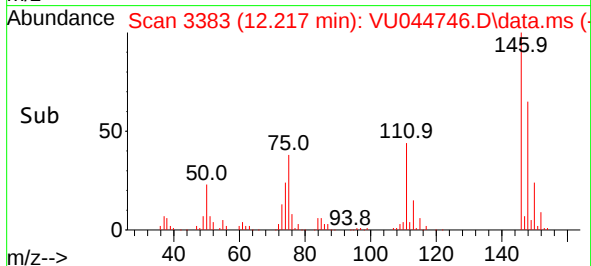
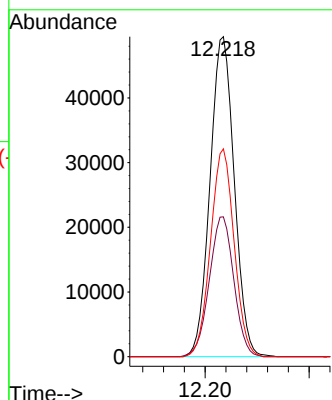
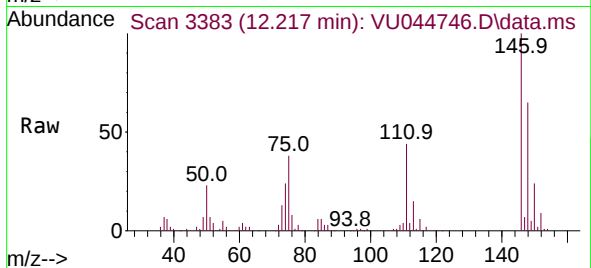




#67
1,2-Dichlorobenzene
Concen: 4.710 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

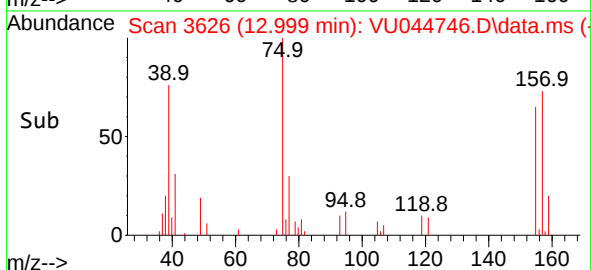
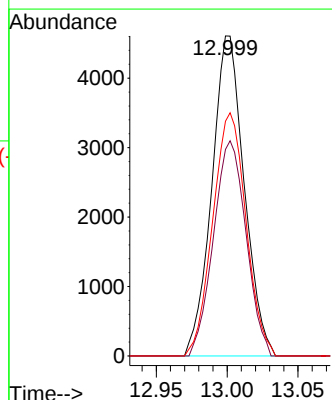
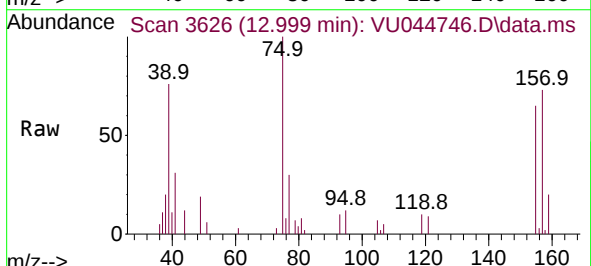
Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

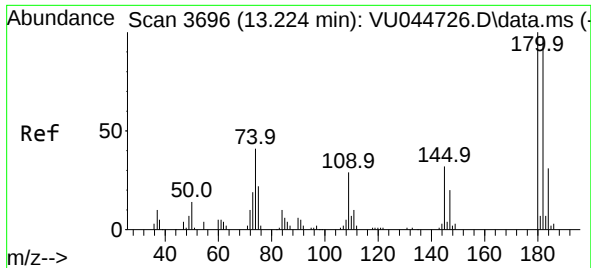
Tgt Ion:146 Resp: 80013
Ion Ratio Lower Upper
146 100
111 43.7 34.6 51.8
148 64.9 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.916 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion: 75 Resp: 7325
Ion Ratio Lower Upper
75 100
155 64.5 54.0 81.0
157 73.3 65.4 98.2

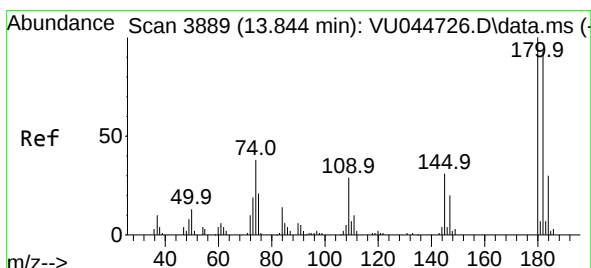
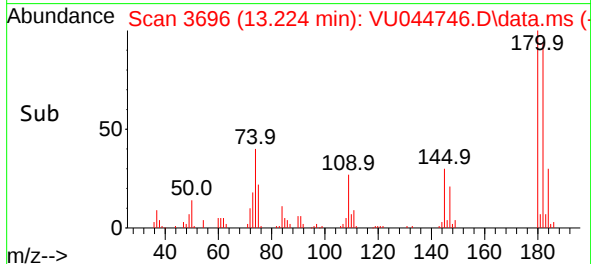
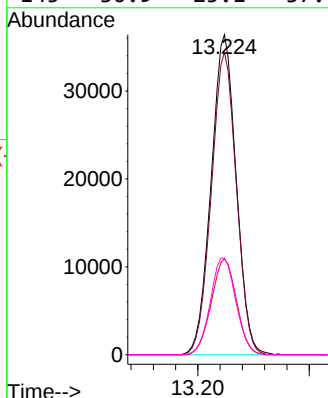
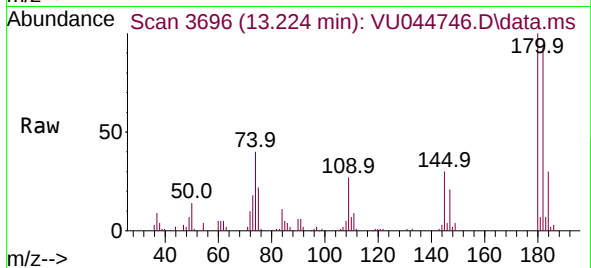




#69
 1,3,5-Trichlorobenzene
 Concen: 4.177 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

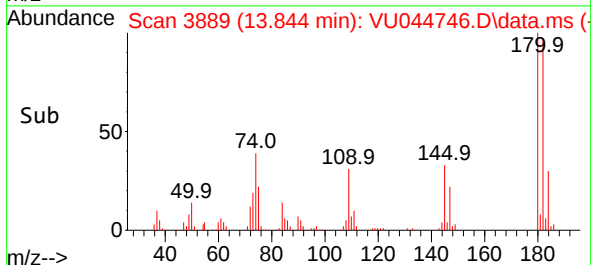
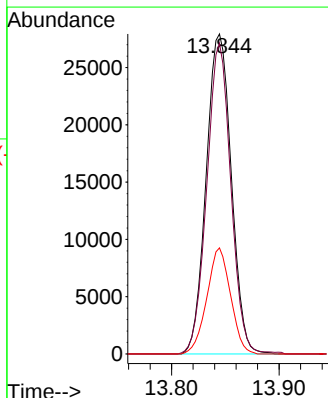
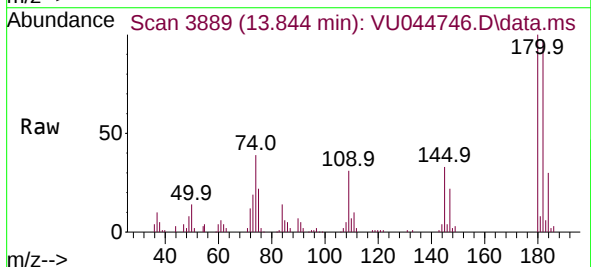
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

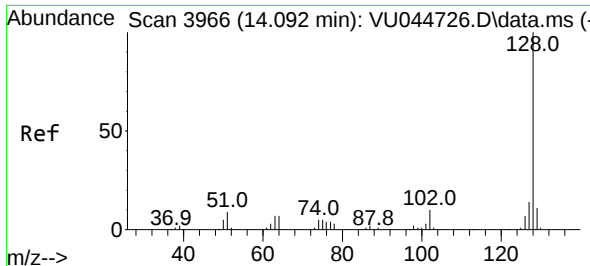
Tgt Ion:	180	Resp:	56827
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.9	115.3
184	30.0	24.1	36.1
145	30.9	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 3.959 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044746.D
 Acq: 21 Sep 2021 19:08

Tgt Ion:	180	Resp:	45432
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.4	113.0
145	31.1	25.2	37.8

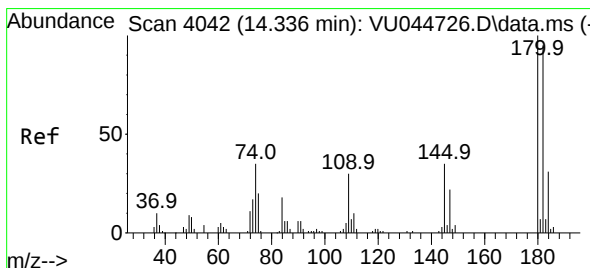
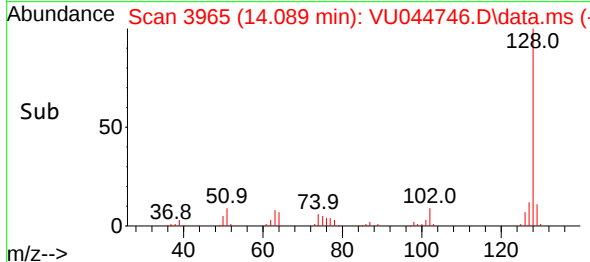
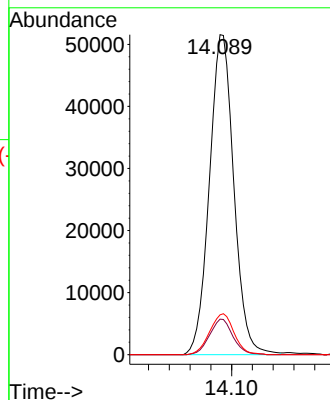
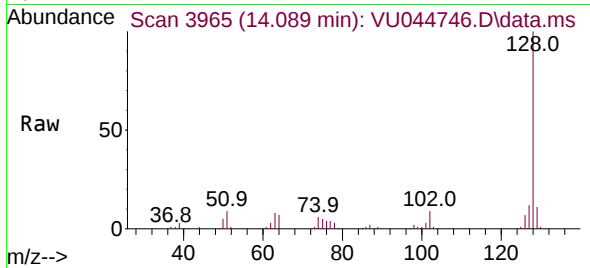




#71
Naphthalene
Concen: 3.759 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

Tgt Ion:	128	Resp:	84164
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.7	13.1
127	12.8	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.078 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044746.D
Acq: 21 Sep 2021 19:08

Tgt Ion:	180	Resp:	43080
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.9	113.9
145	34.7	27.0	40.6

