

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045132.D
 Acq On : 05 Oct 2021 05:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

Quant Time: Oct 05 07:05:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291357	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	277822	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	134766	42.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.500%
7) Chloroethane-d5	1.909	69	102513	40.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	2.568	63	242452	45.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
21) 2-Butanone-d5	4.636	46	246996	97.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.950%
24) Chloroform-d	5.070	84	239835	47.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	5.706	65	163281	47.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
32) Benzene-d6	5.732	84	486003	50.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
36) 1,2-Dichloropropane-d6	6.694	67	150858	47.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.980%
41) Toluene-d8	7.899	98	437698	52.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.220%
43) trans-1,3-Dichloroprop...	8.182	79	70647	50.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.040%
47) 2-Hexanone-d5	8.642	63	179870	103.256	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	241115	49.259	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.520%
66) 1,2-Dichlorobenzene-d4	12.195	152	159709	53.334	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	121221	43.452	ug/L	99
3) Chloromethane	1.520	50	132900	38.219	ug/L	99
5) Vinyl chloride	1.607	62	142364	41.788	ug/L	100
6) Bromomethane	1.855	94	68775	42.089	ug/L	97
8) Chloroethane	1.928	64	91925	42.992	ug/L	100
9) Trichlorofluoromethane	2.137	101	181948	46.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	108475	44.075	ug/L	99
12) 1,1-Dichloroethene	2.581	96	104850	46.471	ug/L	97
13) Acetone	2.642	43	146078	50.117	ug/L	99
14) Carbon disulfide	2.797	76	310790	42.997	ug/L	100
15) Methyl Acetate	2.954	43	158492	44.089	ug/L	95
16) Methylene chloride	3.051	84	129425	45.279	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	112583	47.368	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	400299	51.078	ug/L	99
19) 1,1-Dichloroethane	3.877	63	222939	45.088	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	126434	48.276	ug/L	95
22) 2-Butanone	4.713	43	246479	75.555	ug/L	95
23) Bromochloromethane	4.980	128	62368	46.975	ug/L	92
25) Chloroform	5.092	83	225084	45.790	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045132.D
 Acq On : 05 Oct 2021 05:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

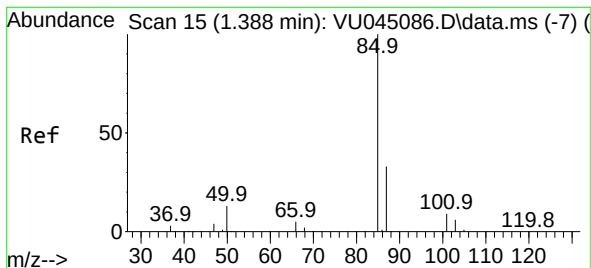
Quant Time: Oct 05 07:05:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	193420	47.045	ug/L	99
29) Cyclohexane	5.391	56	203071	48.628	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	187946	48.870	ug/L	98
31) Carbon tetrachloride	5.530	117	145010	47.740	ug/L	98
33) Benzene	5.777	78	504489	48.959	ug/L	100
34) Trichloroethene	6.546	95	120925	48.859	ug/L	97
35) Methylcyclohexane	6.768	83	199140	48.059	ug/L	96
37) 1,2-Dichloropropane	6.793	63	130003	46.338	ug/L	99
38) Bromodichloromethane	7.108	83	165946	48.254	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	192487	47.950	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	456471	97.399	ug/L	96
42) Toluene	7.973	91	532336	50.845	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	184959	48.456	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	124727	49.056	ug/L	99
46) Tetrachloroethene	8.555	164	82493	46.632	ug/L	99
48) 2-Hexanone	8.690	43	367785	88.496	ug/L	97
49) Dibromochloromethane	8.812	129	122510	48.720	ug/L	98
50) 1,2-Dibromoethane	8.925	107	134442	50.504	ug/L	99
51) Chlorobenzene	9.449	112	317594	49.136	ug/L	99
52) Ethylbenzene	9.571	91	565785	51.155	ug/L	100
53) m,p-Xylene	9.697	106	218563	52.165	ug/L	95
54) o-xylene	10.102	106	215374	52.311	ug/L	97
55) Styrene	10.118	104	366027	51.696	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	231674	47.588	ug/L	99
59) Bromoform	10.295	173	87987	51.560	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	192710	50.637	ug/L	100
61) Isopropylbenzene	10.488	105	558496	55.461	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	474895	56.469	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	483332	56.124	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	238346	51.216	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	235306	49.282	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	247000	51.702	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57301	52.393	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	159615	49.422	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	138447	51.587	ug/L	99
71) Naphthalene	14.089	128	542025	58.282	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	145310	52.919	ug/L	98

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

Quant Time: Oct 05 07:05:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration

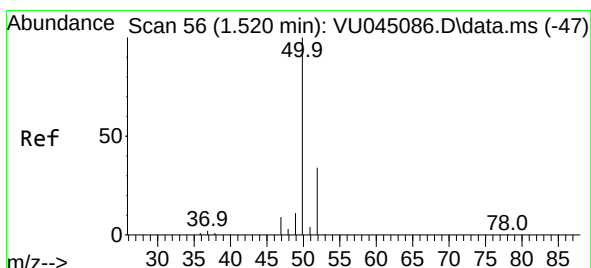
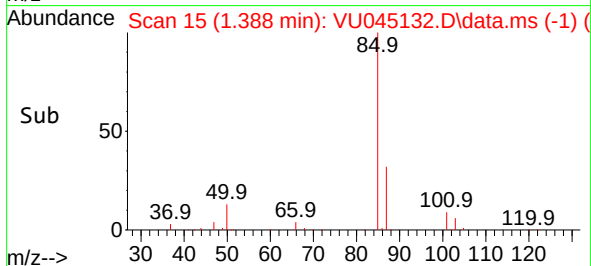
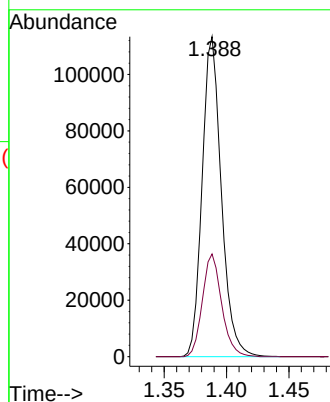
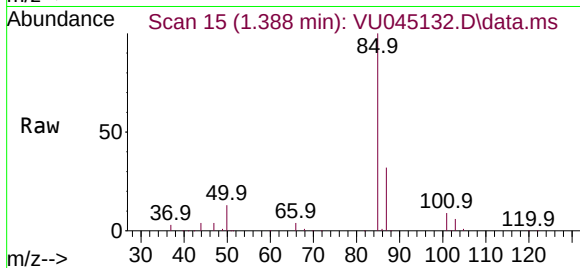




#2
Dichlorodifluoromethane
Concen: 43.452 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

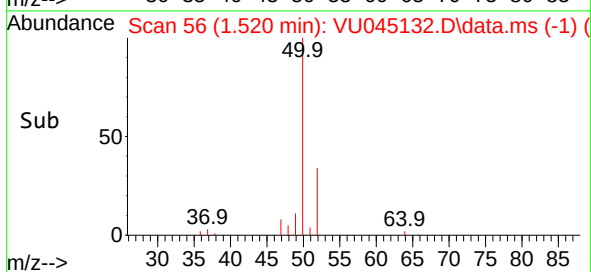
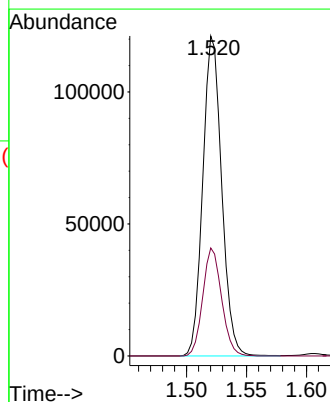
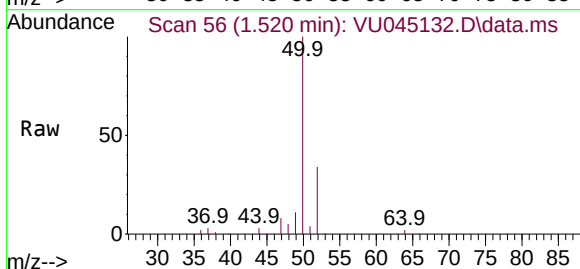
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

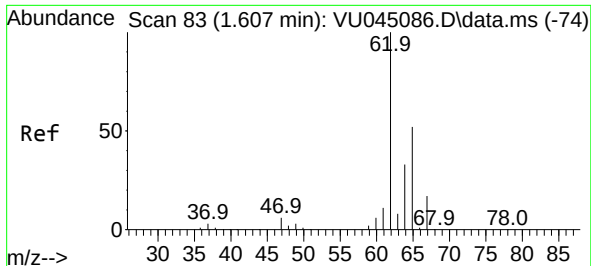
Tgt Ion: 85 Resp: 121221
Ion Ratio Lower Upper
85 100
87 32.1 25.2 37.8



#3
Chloromethane
Concen: 38.219 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 50 Resp: 132900
Ion Ratio Lower Upper
50 100
52 33.7 23.0 42.8

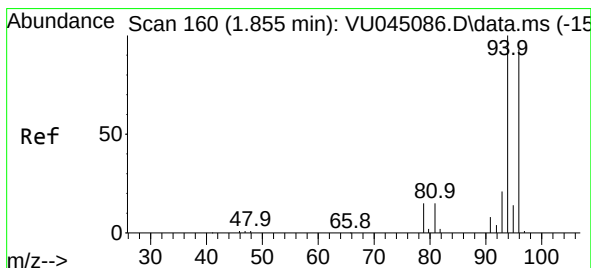
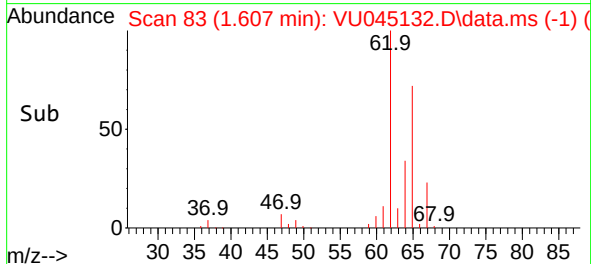
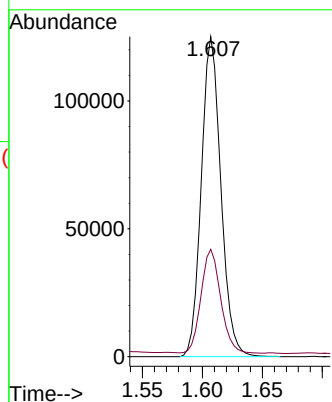
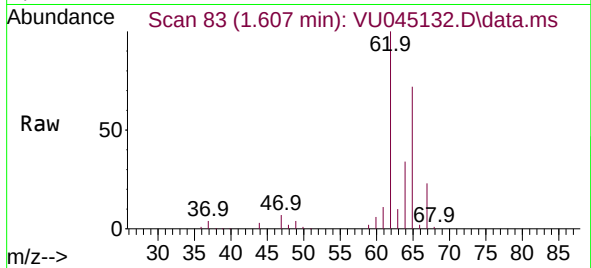




#5
 Vinyl chloride
 Concen: 41.788 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

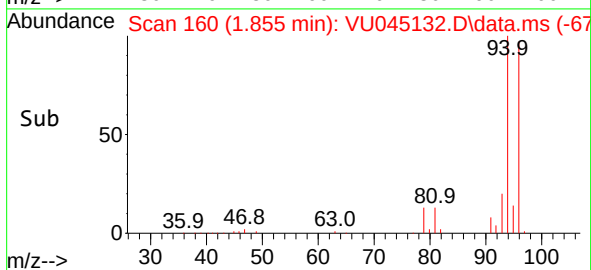
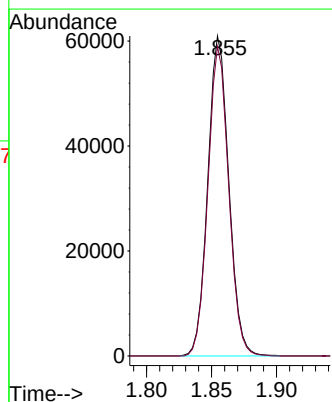
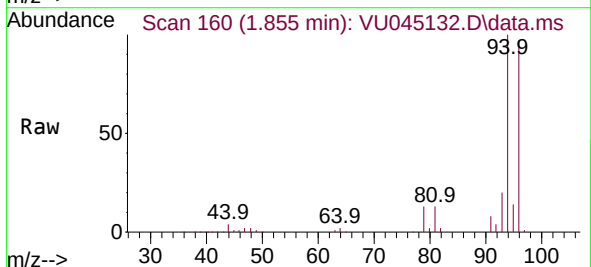
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

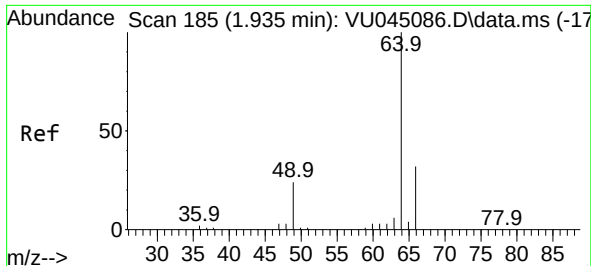
Tgt Ion: 62 Resp: 142364
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.6



#6
 Bromomethane
 Concen: 42.089 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

Tgt Ion: 94 Resp: 68775
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.7 121.9

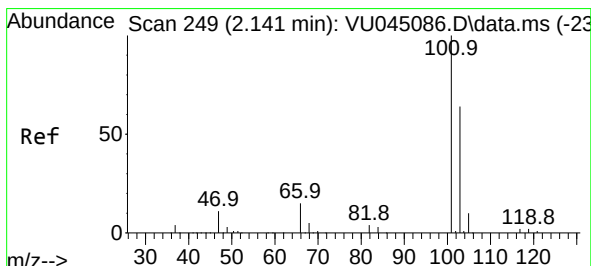
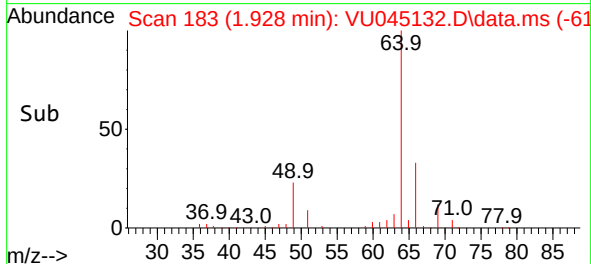
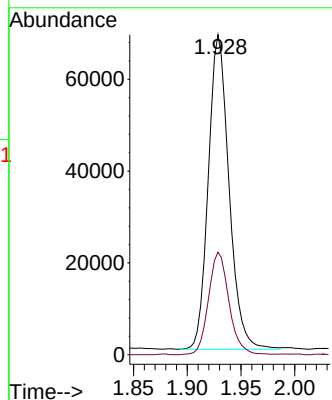
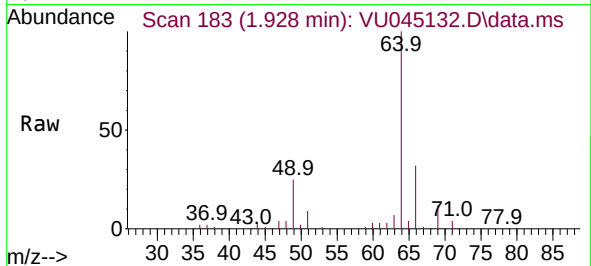




#8
Chloroethane
Concen: 42.992 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.006 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

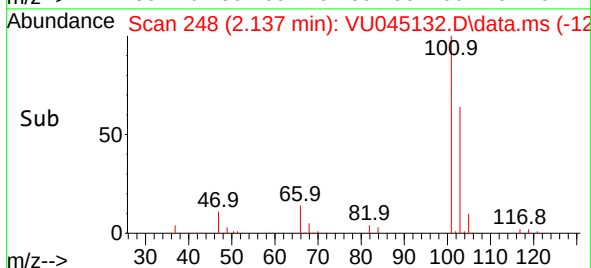
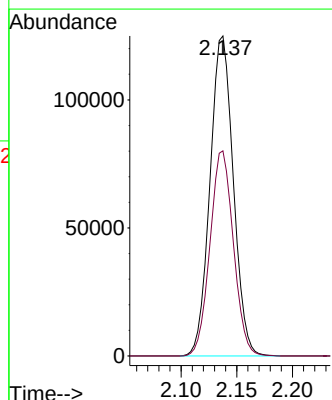
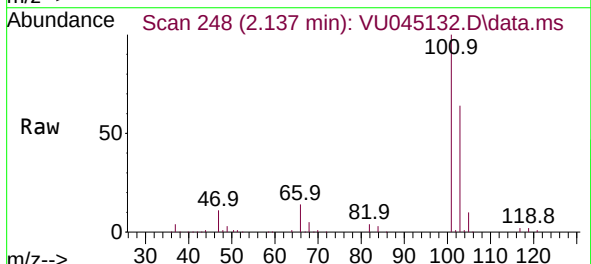
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

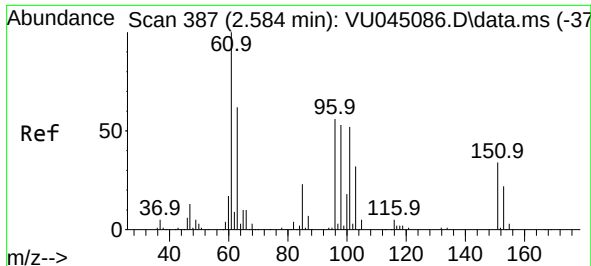
Tgt Ion: 64 Resp: 91925
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 46.662 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 101 Resp: 181948
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

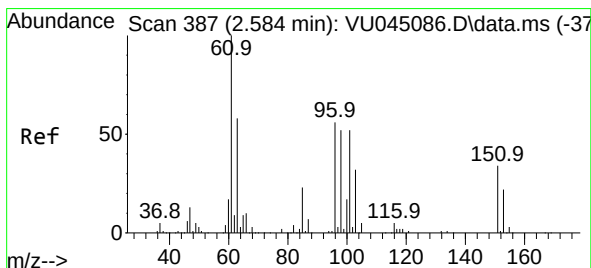
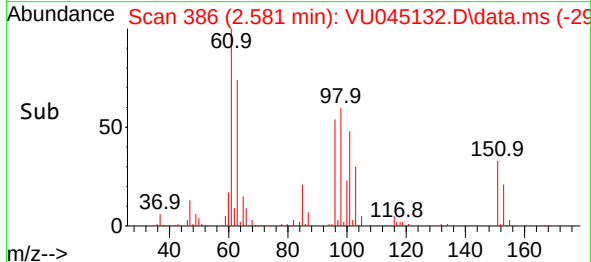
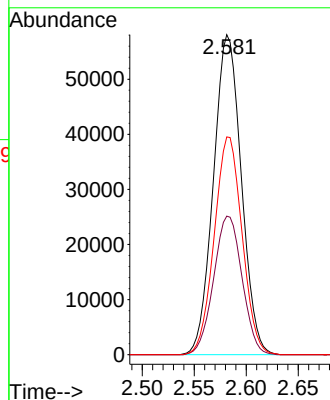
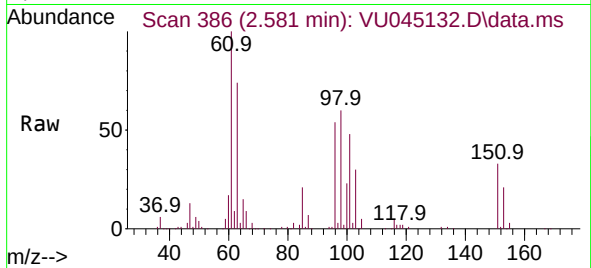




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.075 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

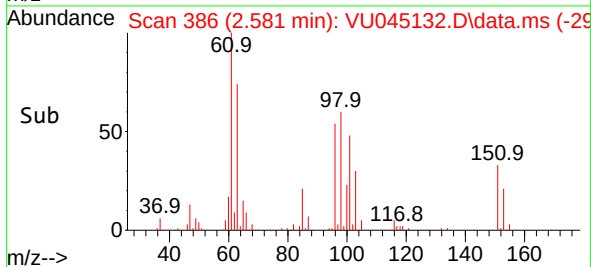
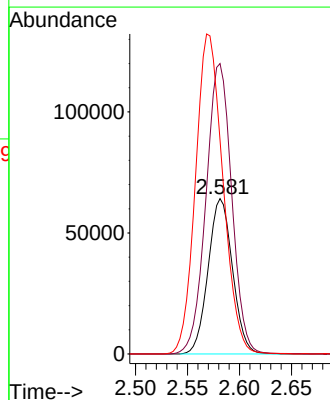
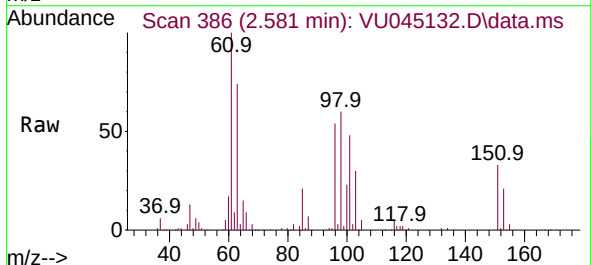
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

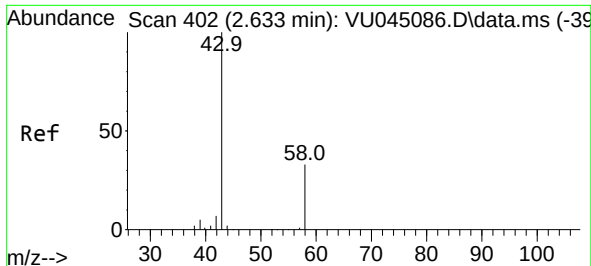
Tgt Ion:101 Resp: 108475
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.4 54.6
 151 67.9 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 46.471 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

Tgt Ion: 96 Resp: 104850
 Ion Ratio Lower Upper
 96 100
 61 186.9 131.3 243.9
 63 137.5 102.5 190.3

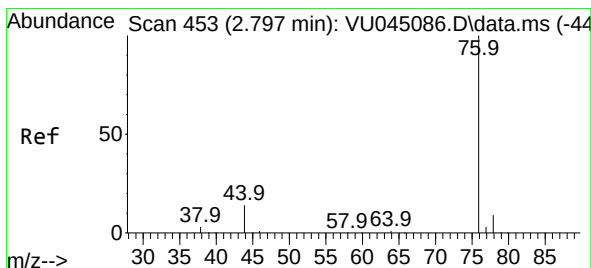
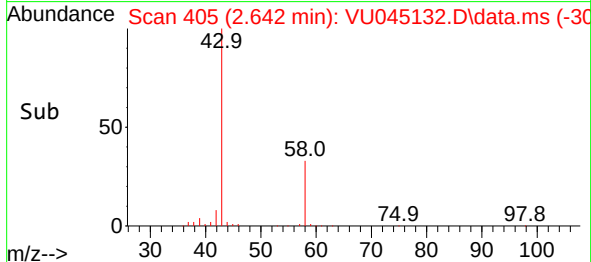
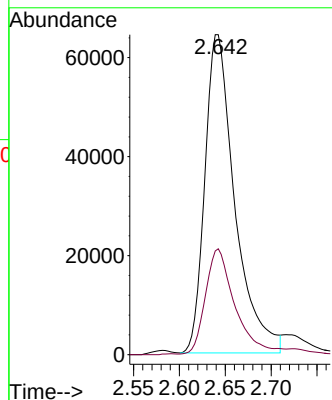
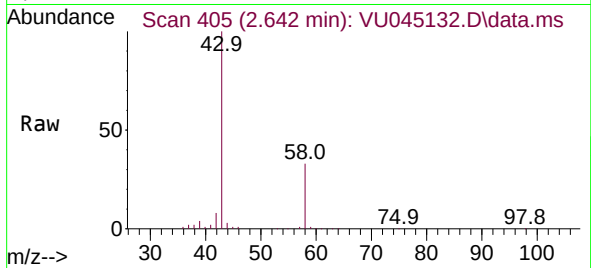




#13
Acetone
Concen: 50.117 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

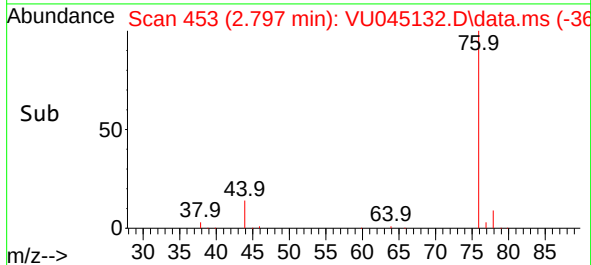
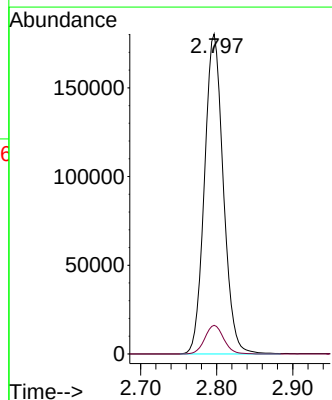
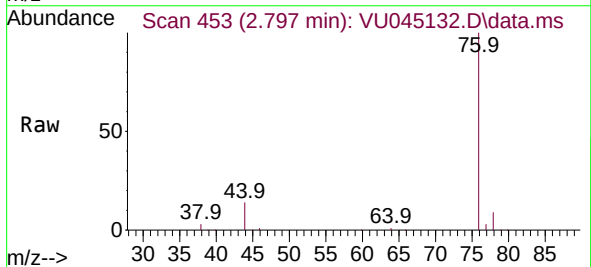
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

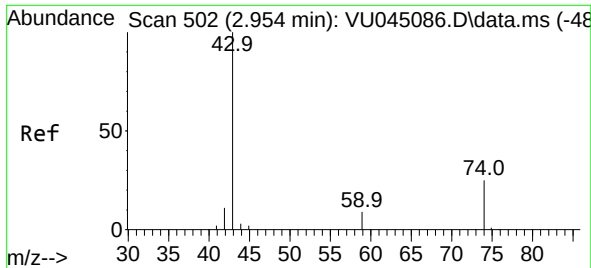
Tgt Ion: 43 Resp: 146078
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#14
Carbon disulfide
Concen: 42.997 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 76 Resp: 310790
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

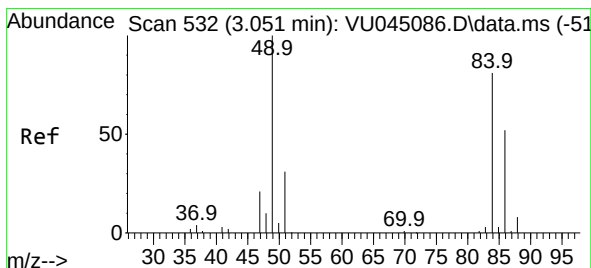
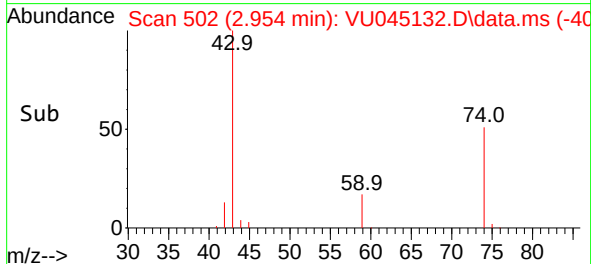
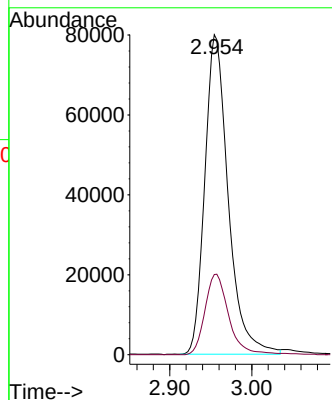
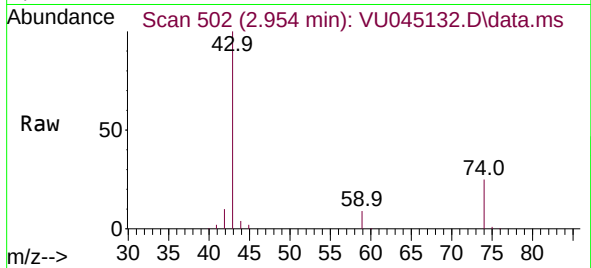




#15
Methyl Acetate
Concen: 44.089 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

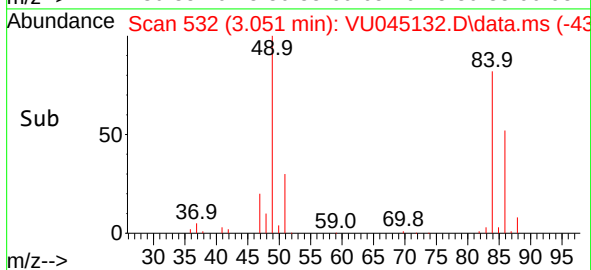
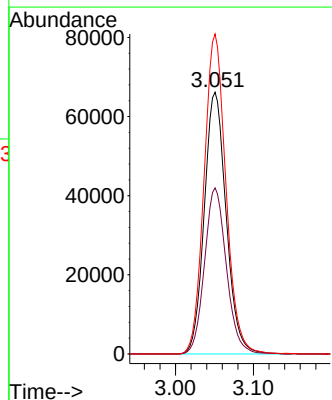
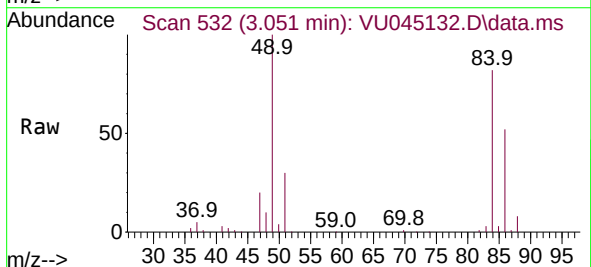
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

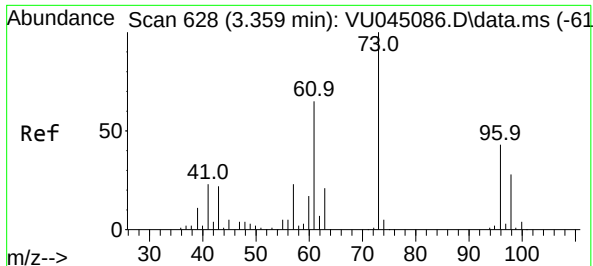
Tgt Ion: 43 Resp: 158492
Ion Ratio Lower Upper
43 100
74 25.4 18.4 27.6



#16
Methylene chloride
Concen: 45.279 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 84 Resp: 129425
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 122.3 92.9 172.5



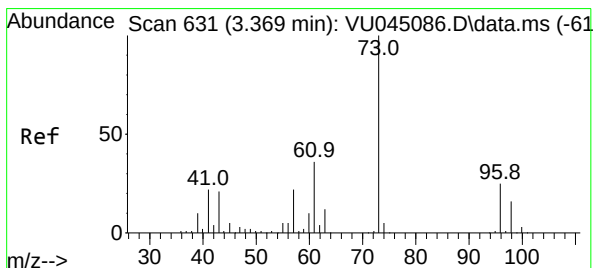
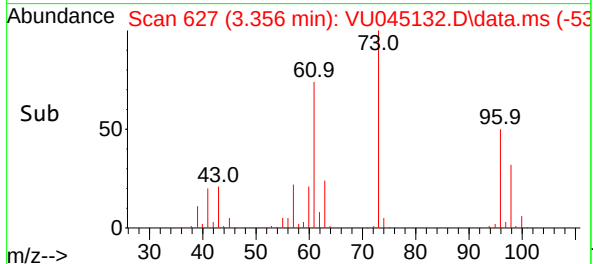
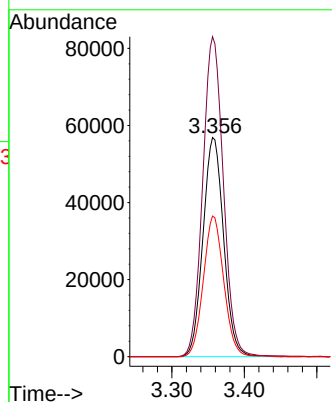
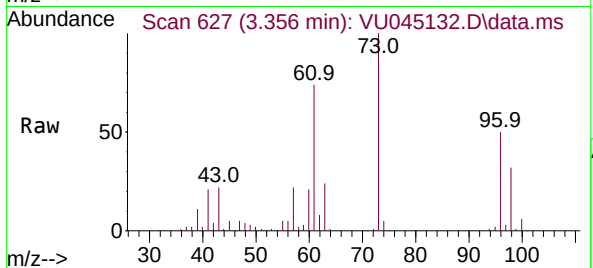


#17

trans-1,2-Dichloroethene
Concen: 47.368 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

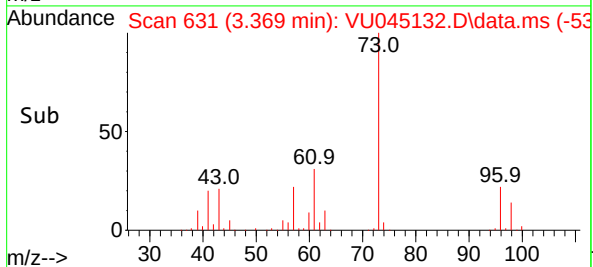
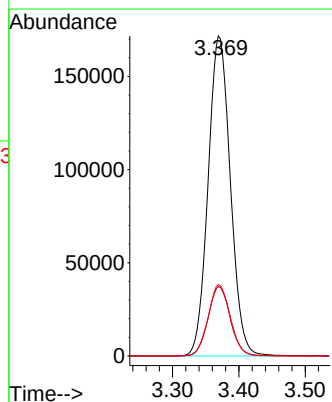
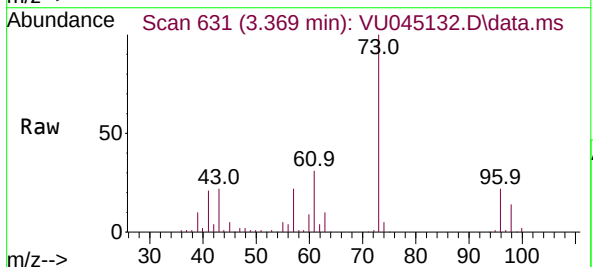
Tgt Ion: 96 Resp: 112583
Ion Ratio Lower Upper
96 100
61 146.0 105.1 195.3
98 64.2 43.0 79.8

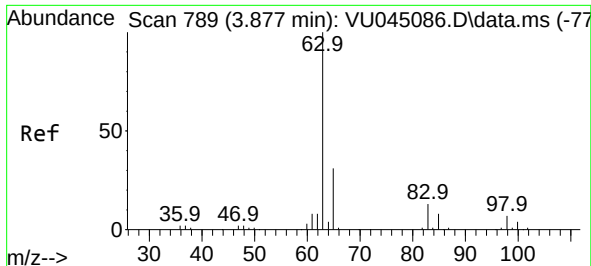


#18

Methyl tert-butyl Ether
Concen: 51.078 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 73 Resp: 400299
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 22.2 18.7 28.1





#19

1,1-Dichloroethane

Concen: 45.088 ug/L

RT: 3.877 min Scan# 789

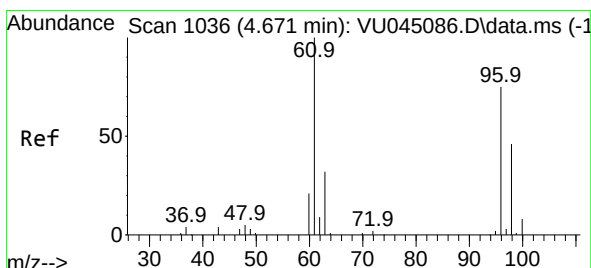
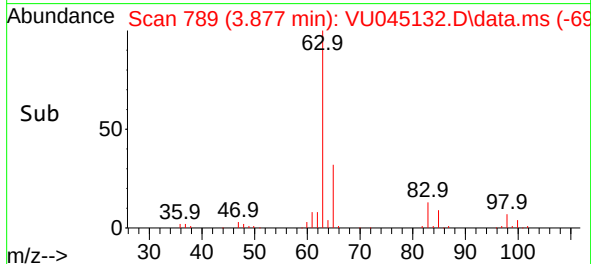
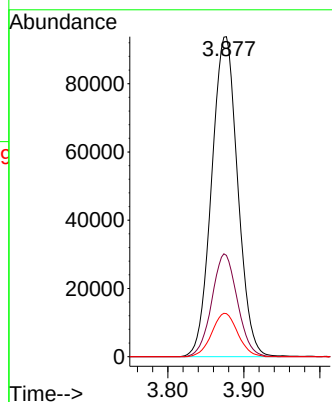
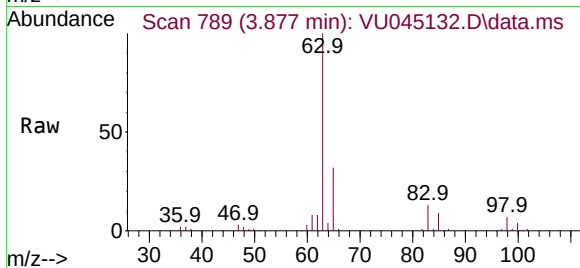
Delta R.T. 0.000 min

Lab File: VU045132.D

Acq: 05 Oct 2021 05:57

Tgt Ion: 63 Resp: 222939

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	40.8
83	13.4	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 48.276 ug/L

RT: 4.671 min Scan# 1036

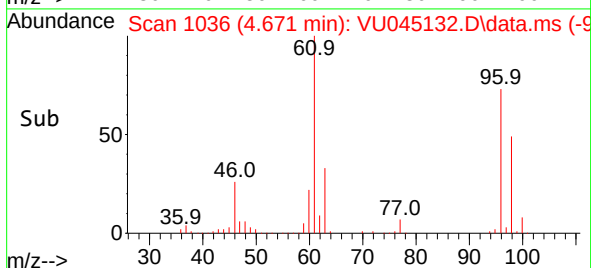
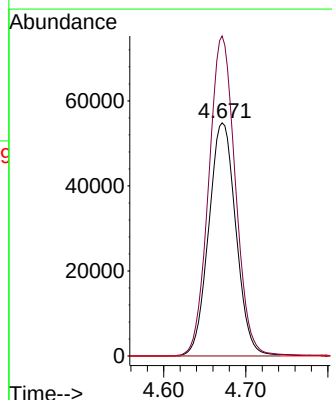
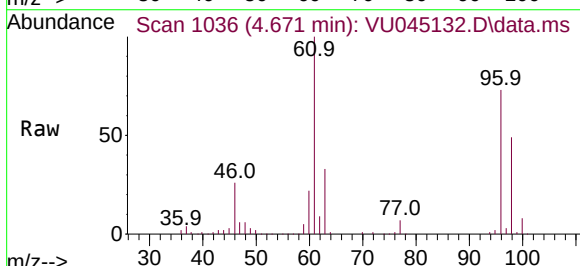
Delta R.T. 0.000 min

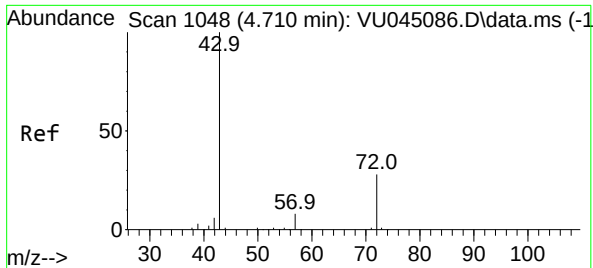
Lab File: VU045132.D

Acq: 05 Oct 2021 05:57

Tgt Ion: 96 Resp: 126434

Ion	Ratio	Lower	Upper
96	100		
61	137.2	100.2	186.0
68	0.0	0.0	0.0

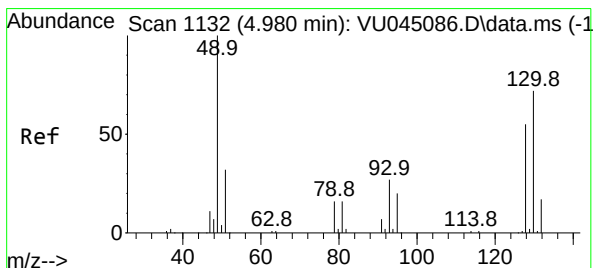
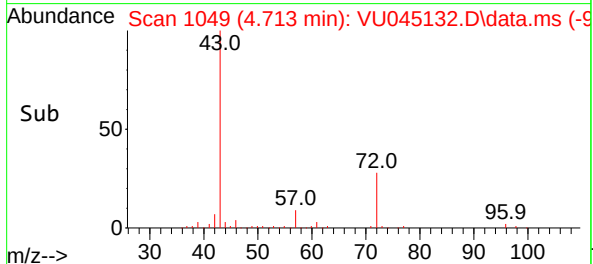
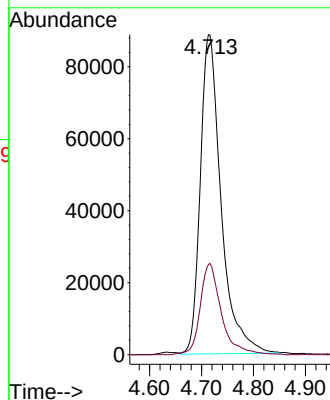
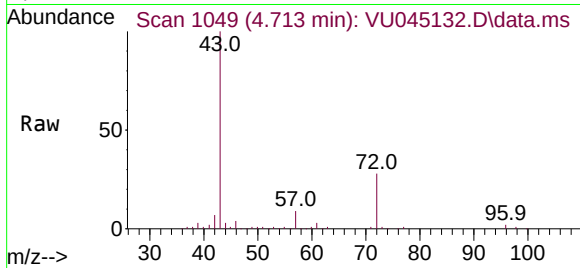




#22
2-Butanone
Concen: 75.555 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

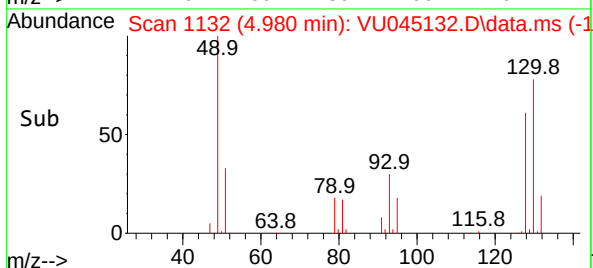
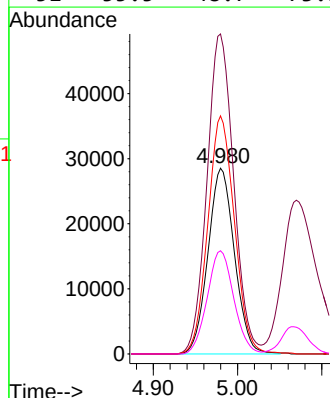
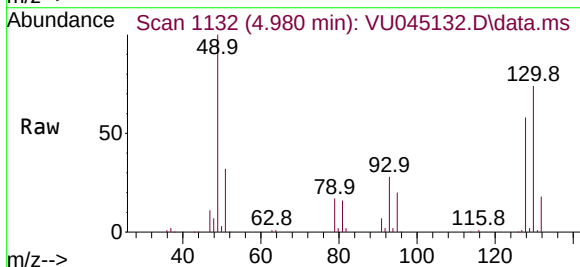
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

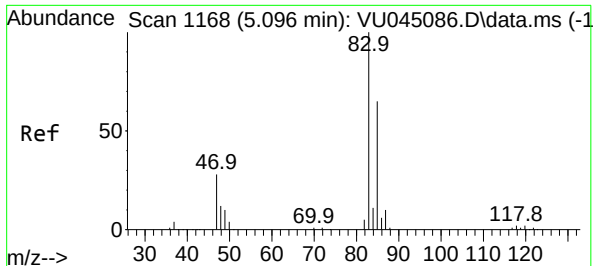
Tgt Ion: 43 Resp: 246479
Ion Ratio Lower Upper
43 100
72 28.9 13.3 39.9



#23
Bromochloromethane
Concen: 46.975 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 128 Resp: 62368
Ion Ratio Lower Upper
128 100
49 172.2 132.9 246.7
130 128.1 88.2 163.8
51 55.5 48.7 73.1





#25

Chloroform

Concen: 45.790 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045132.D

Acq: 05 Oct 2021 05:57

Instrument :

MSVOA_U

ClientSampleId :

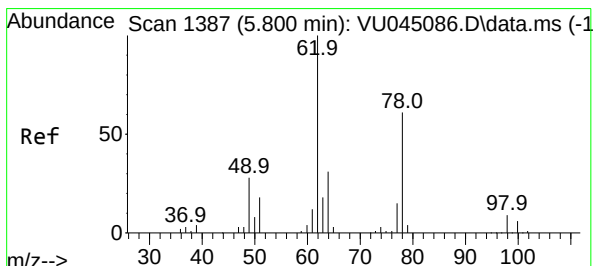
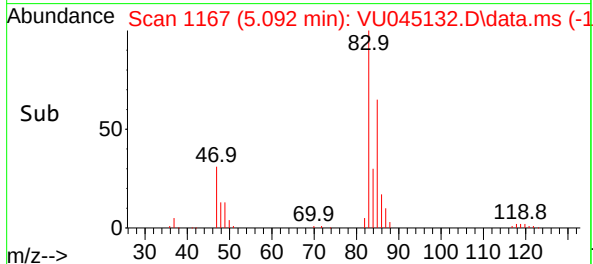
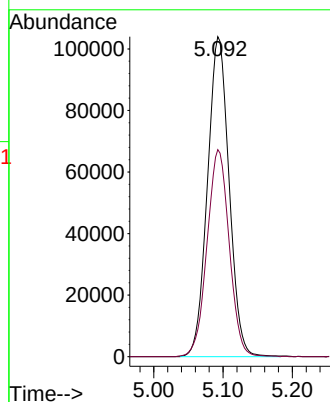
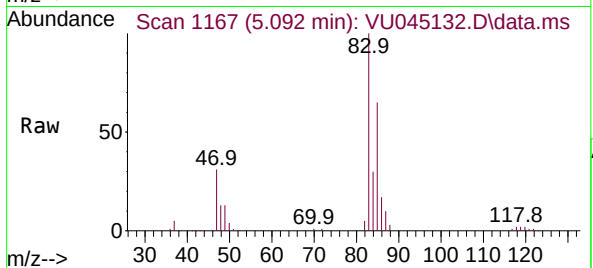
VSTD050086

Tgt Ion: 83 Resp: 225084

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 47.045 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045132.D

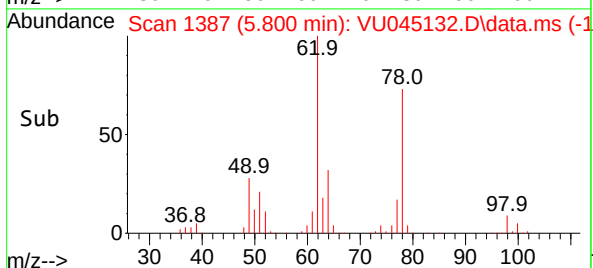
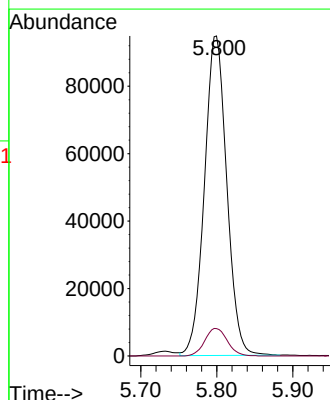
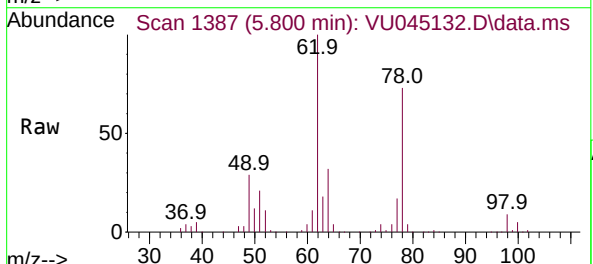
Acq: 05 Oct 2021 05:57

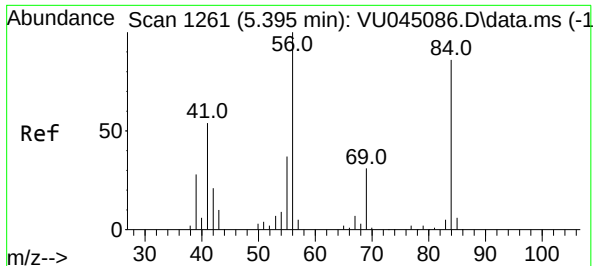
Tgt Ion: 62 Resp: 193420

Ion Ratio Lower Upper

62 100

98 8.5 7.1 10.7





#29

Cyclohexane

Concen: 48.628 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045132.D

Acq: 05 Oct 2021 05:57

Tgt Ion: 56 Resp: 203071

Ion Ratio Lower Upper

56 100

69 31.4 23.8 35.8

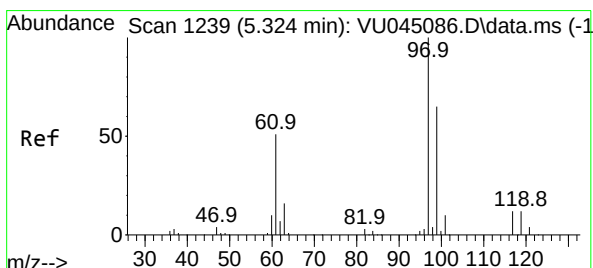
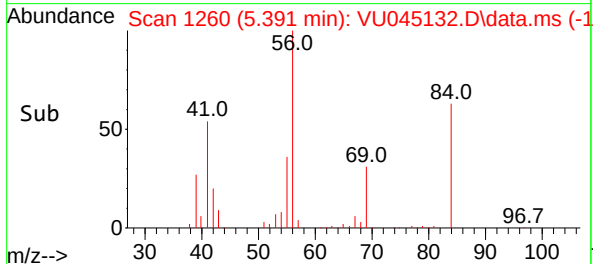
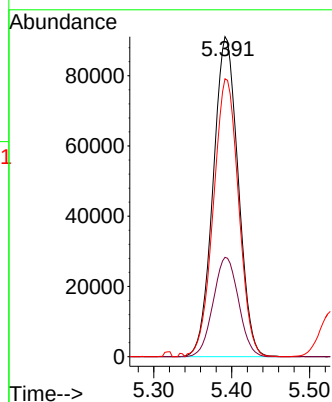
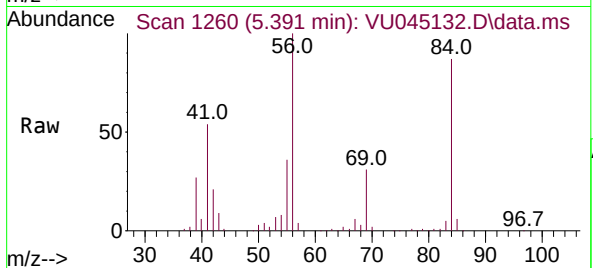
84 87.6 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :

VSTD050086



#30

1,1,1-Trichloroethane

Concen: 48.870 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU045132.D

Acq: 05 Oct 2021 05:57

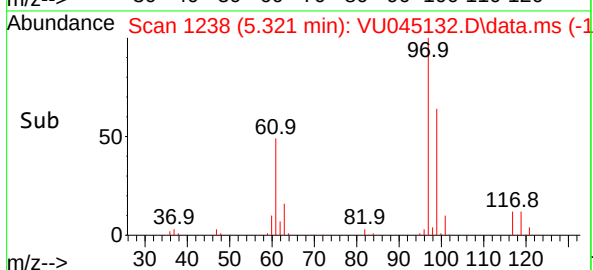
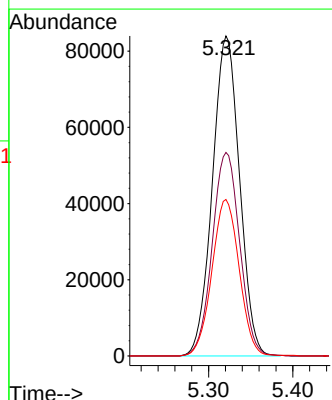
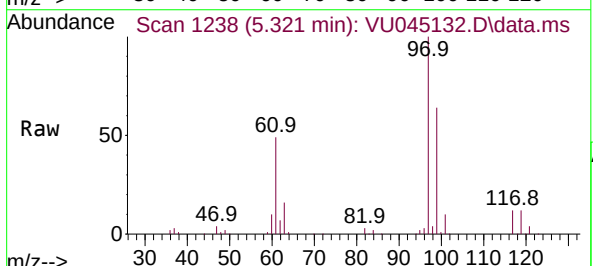
Tgt Ion: 97 Resp: 187946

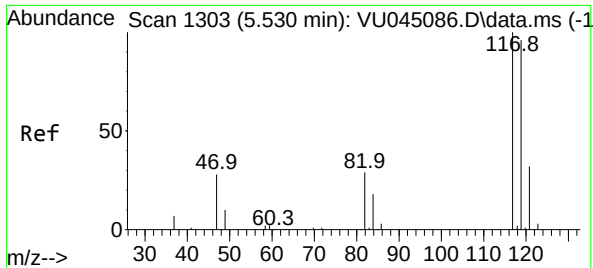
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 49.1 41.3 61.9

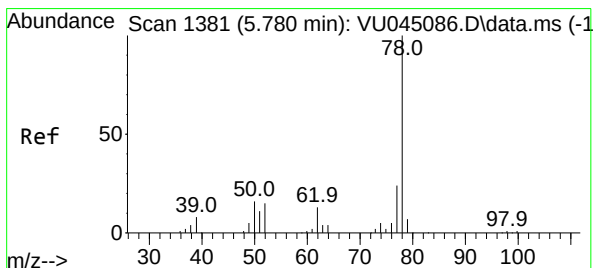
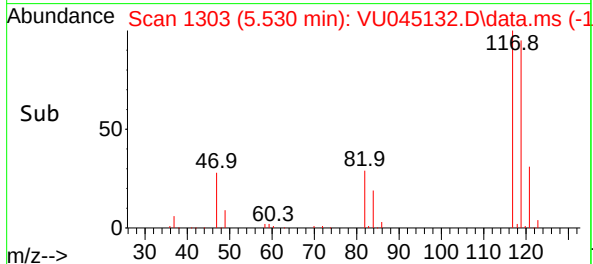
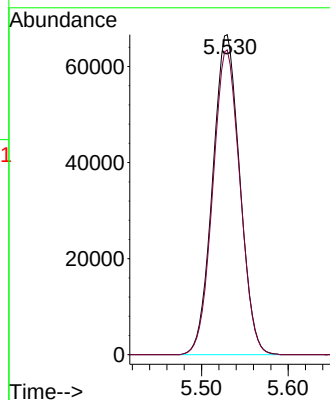
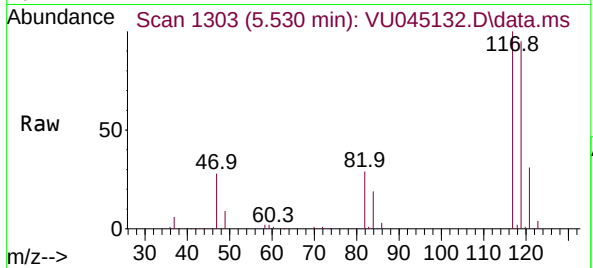




#31
Carbon tetrachloride
Concen: 47.740 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

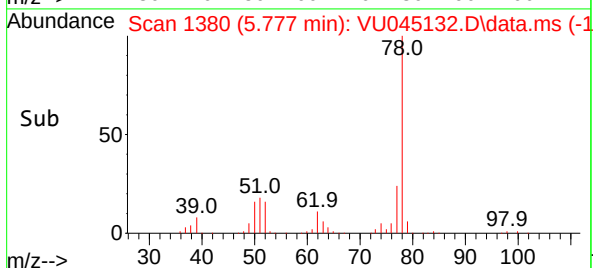
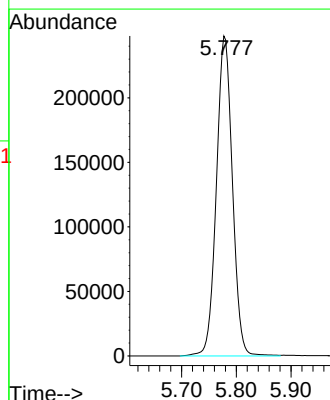
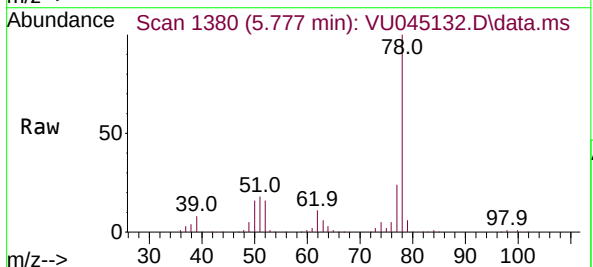
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

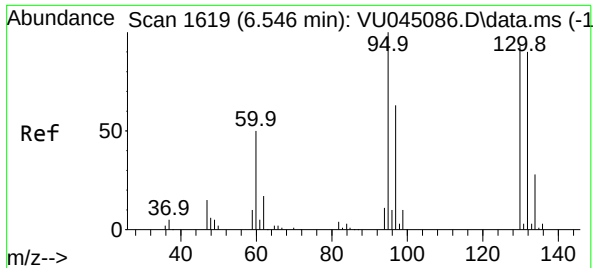
Tgt Ion:117 Resp: 145010
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5



#33
Benzene
Concen: 48.959 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 78 Resp: 504489



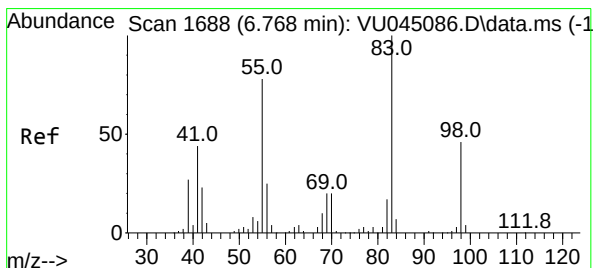
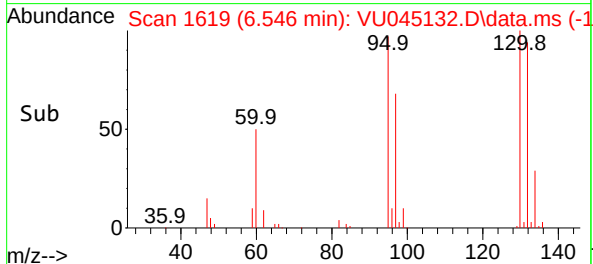
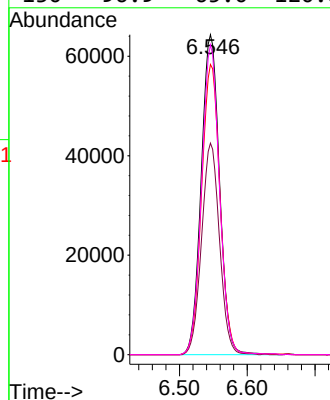
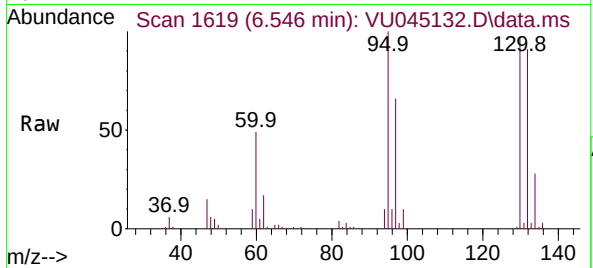


#34
Trichloroethene
Concen: 48.859 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

Tgt Ion: 95 Resp: 120925

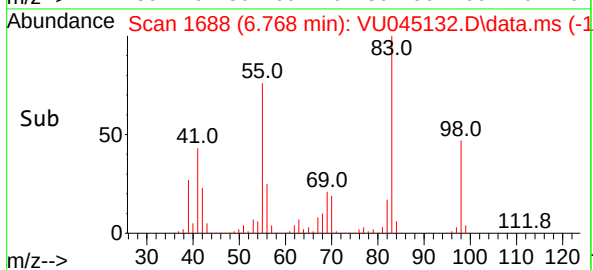
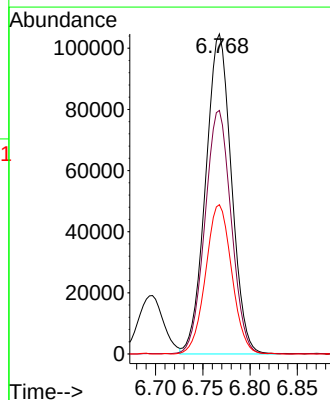
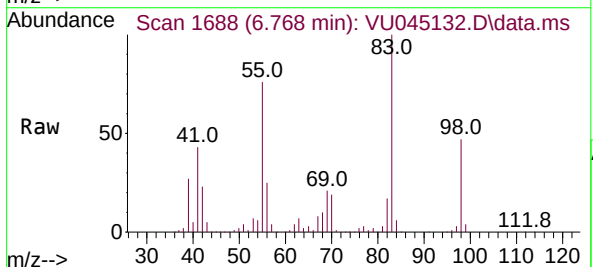
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.4	82.4
132	90.7	62.9	116.9
130	96.9	65.0	120.8

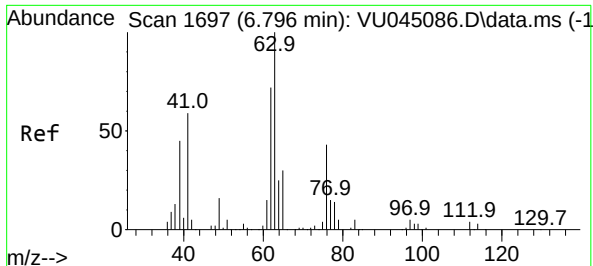


#35
Methylcyclohexane
Concen: 48.059 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 83 Resp: 199140

Ion	Ratio	Lower	Upper
83	100		
55	77.4	65.8	98.6
98	47.1	37.1	55.7



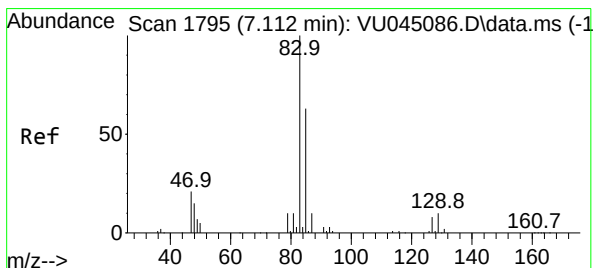
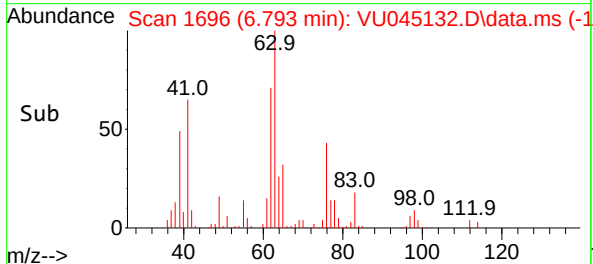
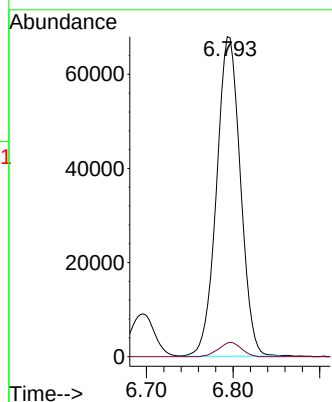
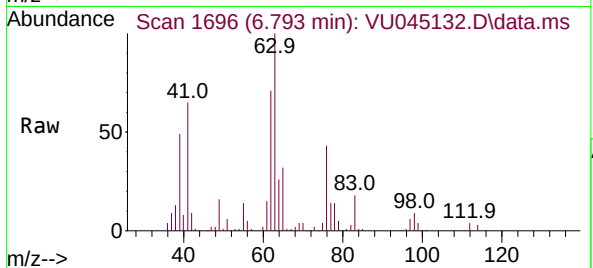


#37

1,2-Dichloropropane
Concen: 46.338 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

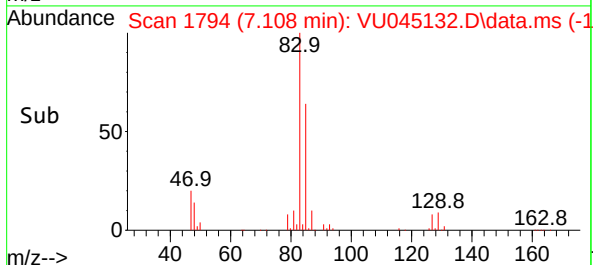
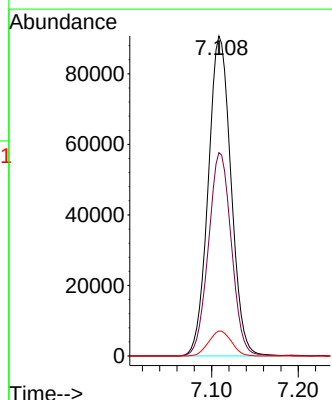
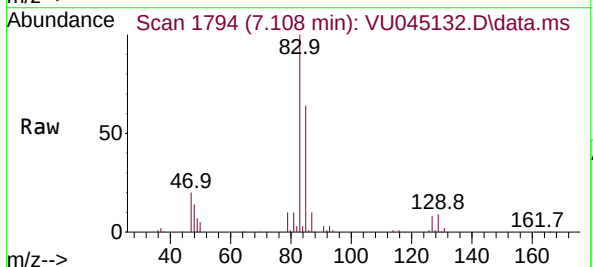
Tgt Ion: 63 Resp: 130003
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8

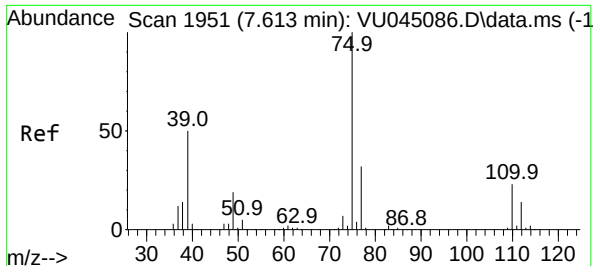


#38

Bromodichloromethane
Concen: 48.254 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 83 Resp: 165946
Ion Ratio Lower Upper
83 100
85 63.6 44.6 82.8
127 7.8 6.2 9.2



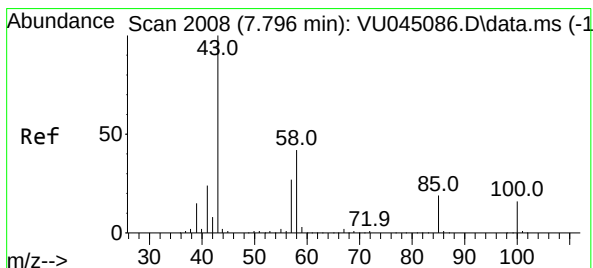
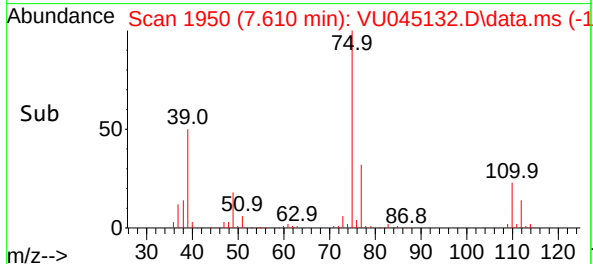
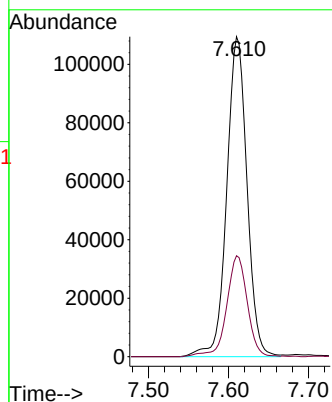
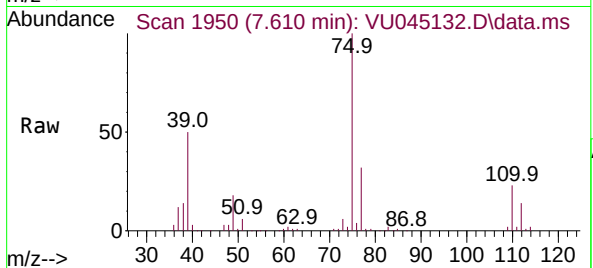


#39

cis-1,3-Dichloropropene
 Concen: 47.950 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

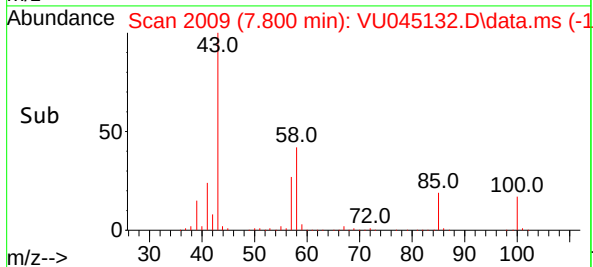
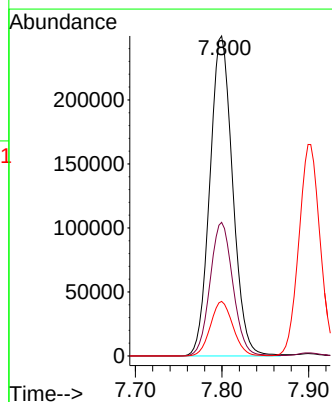
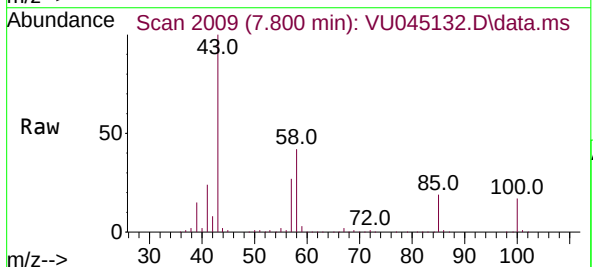
Tgt Ion: 75 Resp: 192487
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.4 41.6

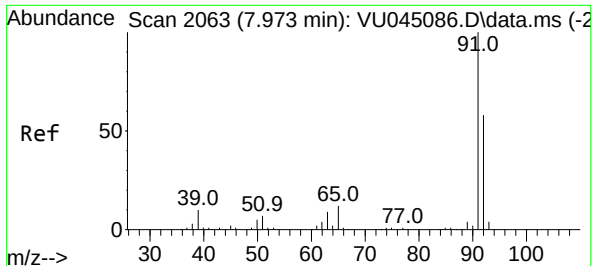


#40

4-Methyl-2-pentanone
 Concen: 97.399 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.003 min
 Lab File: VU045132.D
 Acq: 05 Oct 2021 05:57

Tgt Ion: 43 Resp: 456471
 Ion Ratio Lower Upper
 43 100
 58 42.0 31.8 47.8
 100 16.9 11.8 17.6

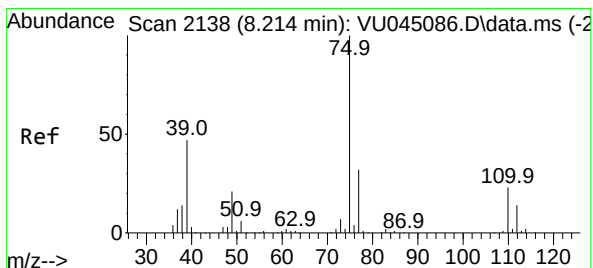
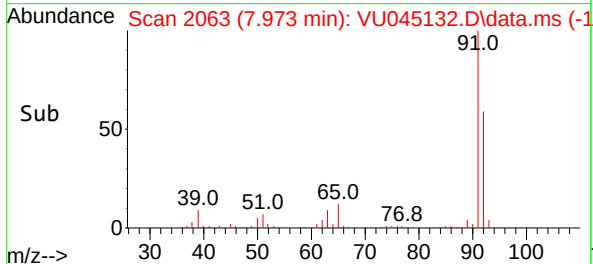
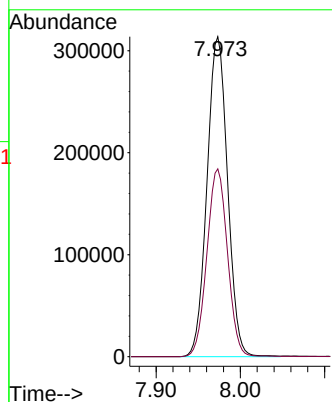
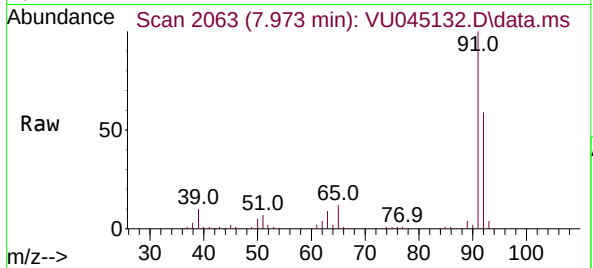




#42
Toluene
Concen: 50.845 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

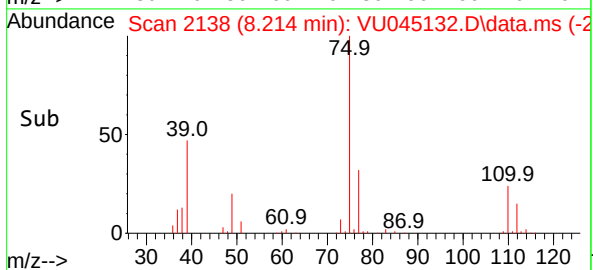
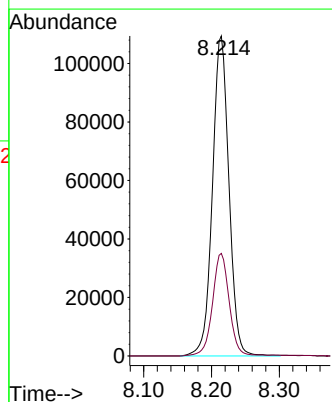
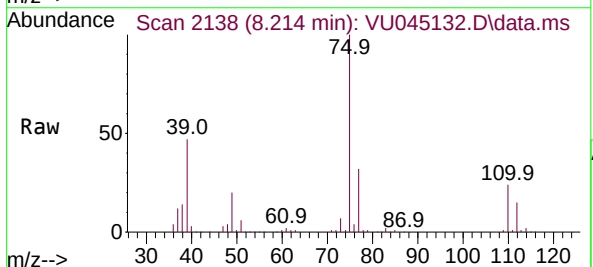
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

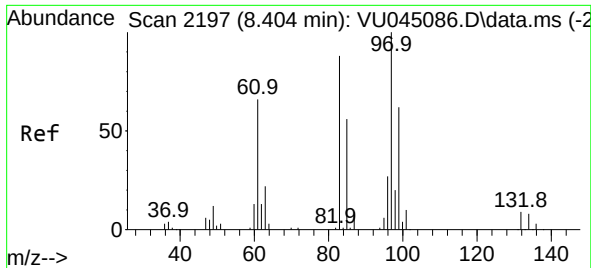
Tgt Ion: 91 Resp: 532336
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 48.456 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 75 Resp: 184959
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3

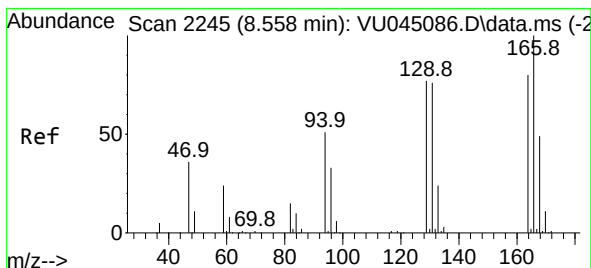
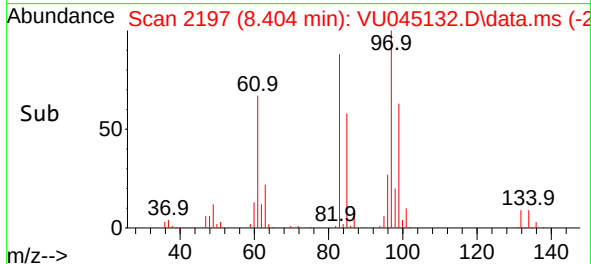
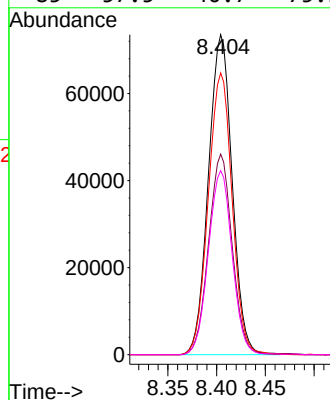
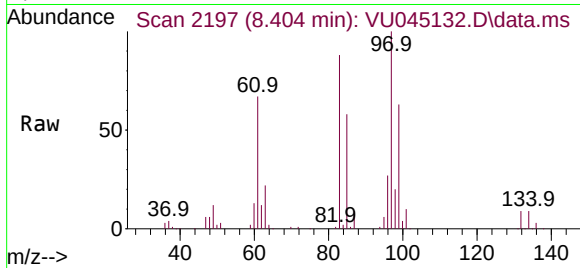




#45
1,1,2-Trichloroethane
Concen: 49.056 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

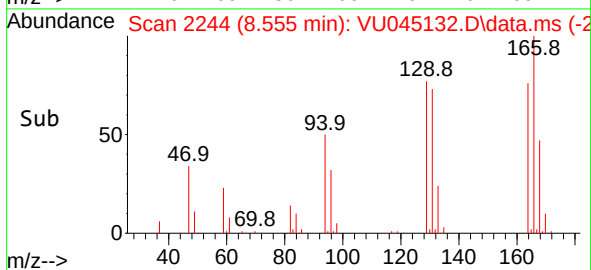
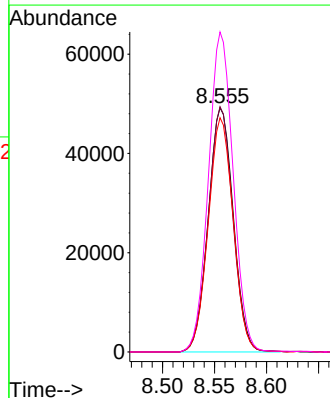
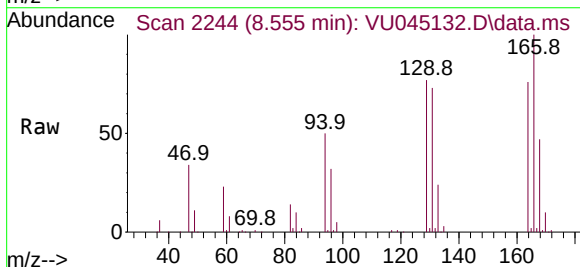
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

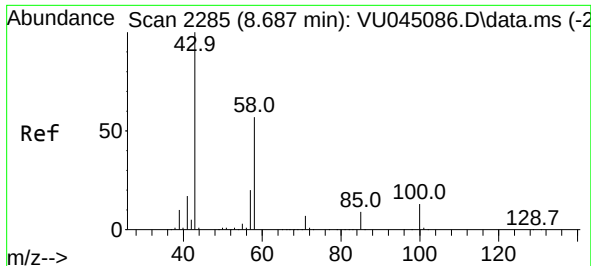
Tgt Ion:	97	Resp:	124727
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.7	81.1
83	88.0	61.9	115.1
85	57.5	40.7	75.5



#46
Tetrachloroethene
Concen: 46.632 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:	164	Resp:	82493
Ion	Ratio	Lower	Upper
164	100		
129	100.5	69.8	129.6
131	96.0	66.4	123.2
166	131.0	91.1	169.3

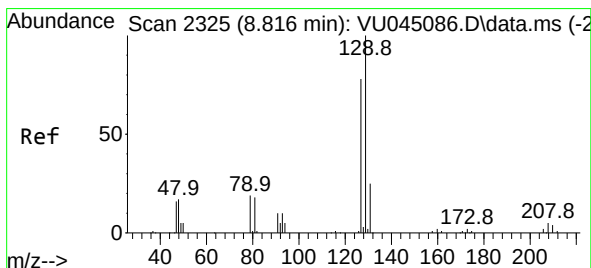
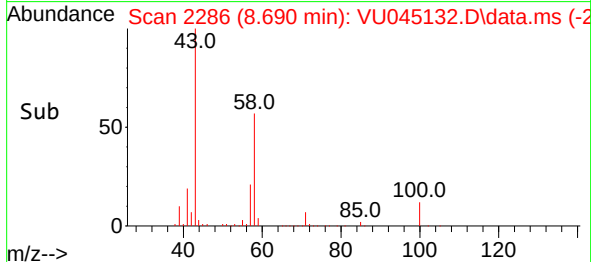
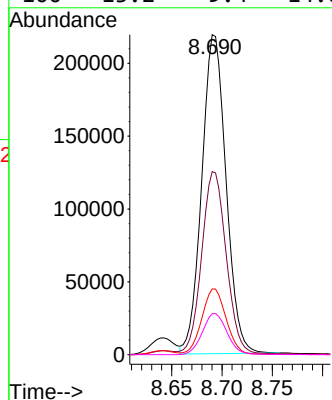
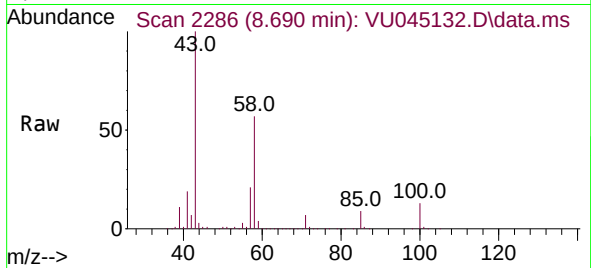




#48
2-Hexanone
Concen: 88.496 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

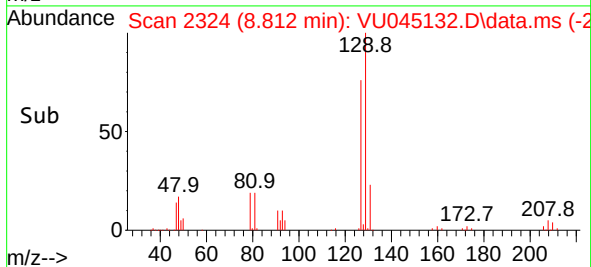
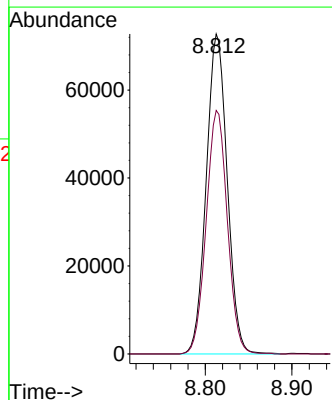
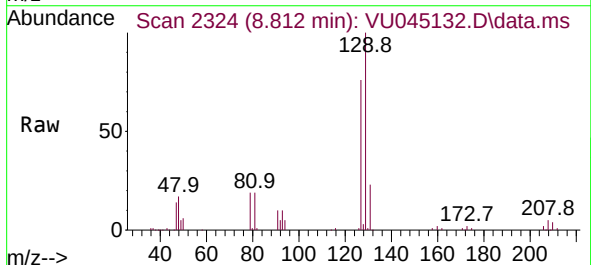
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

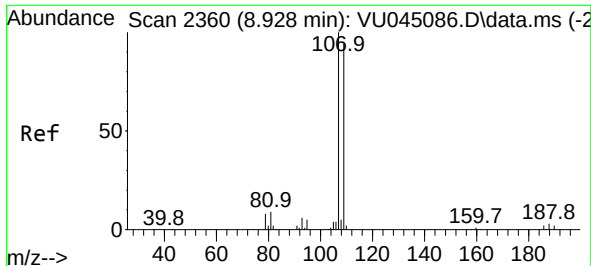
Tgt Ion: 43 Resp: 367785
Ion Ratio Lower Upper
43 100
58 57.9 44.9 67.3
57 20.6 15.5 23.3
100 13.2 9.4 14.0



#49
Dibromochloromethane
Concen: 48.720 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 129 Resp: 122510
Ion Ratio Lower Upper
129 100
127 76.1 54.3 100.8

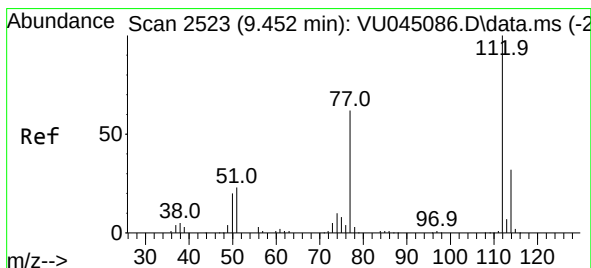
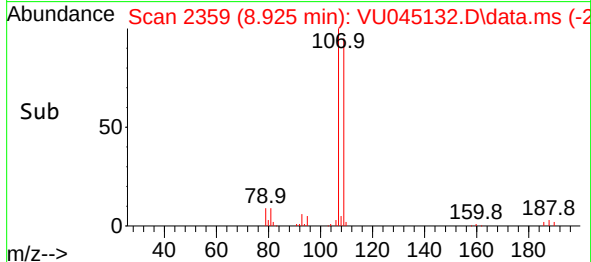
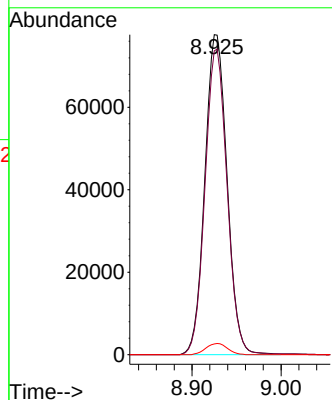
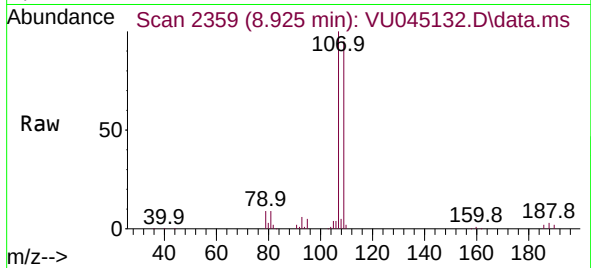




#50
1,2-Dibromoethane
Concen: 50.504 ug/L
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

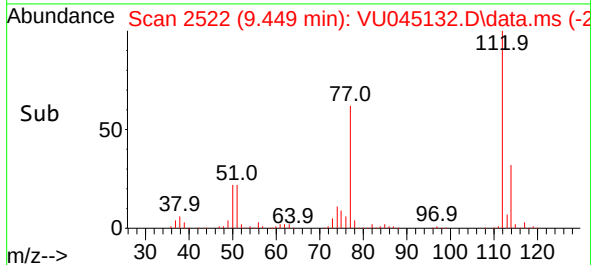
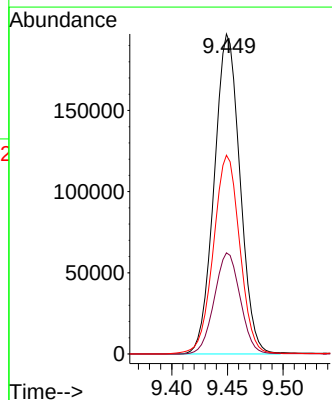
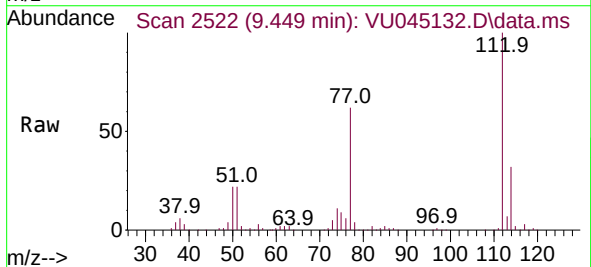
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

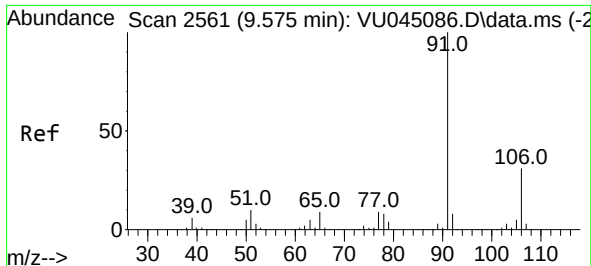
Tgt Ion:107 Resp: 134442
Ion Ratio Lower Upper
107 100
109 95.0 65.5 121.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 49.136 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:112 Resp: 317594
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 62.1 50.6 75.8

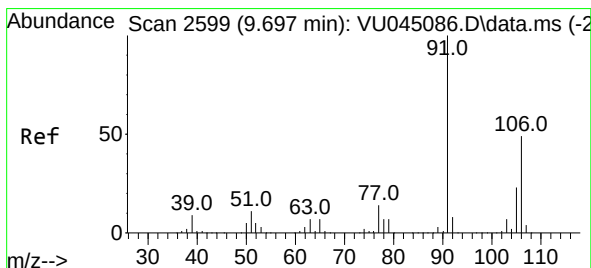
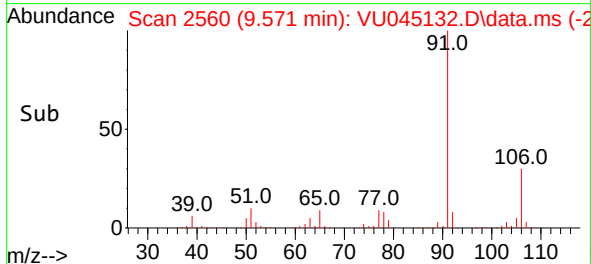
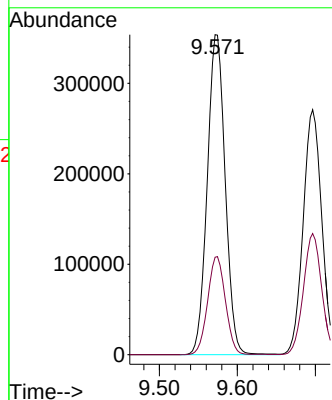
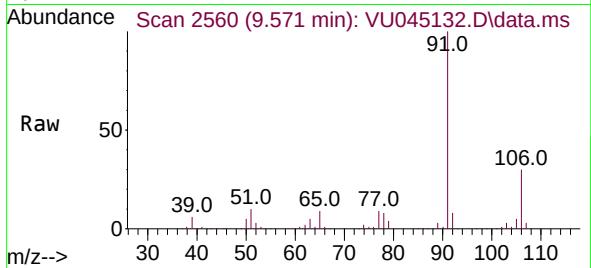




#52
Ethylbenzene
Concen: 51.155 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

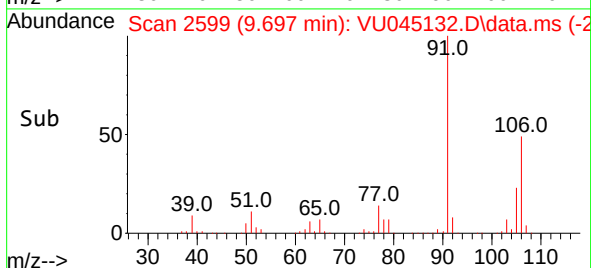
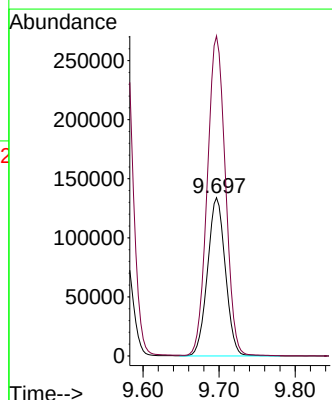
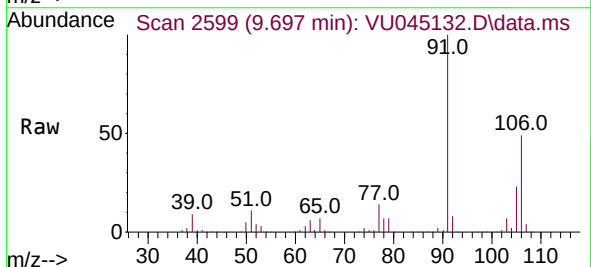
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

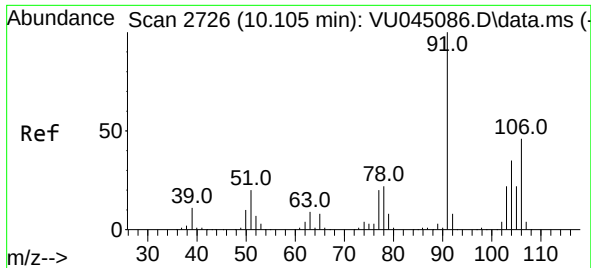
Tgt Ion: 91 Resp: 565785
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 52.165 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:106 Resp: 218563
Ion Ratio Lower Upper
106 100
91 202.2 146.7 272.4

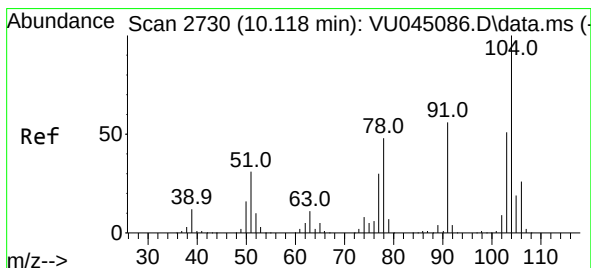
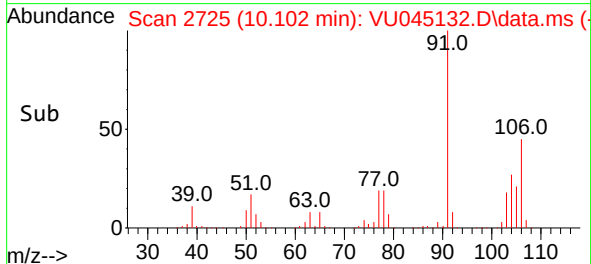
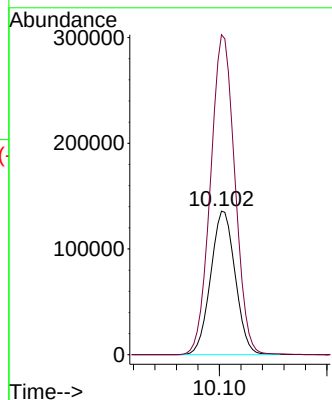
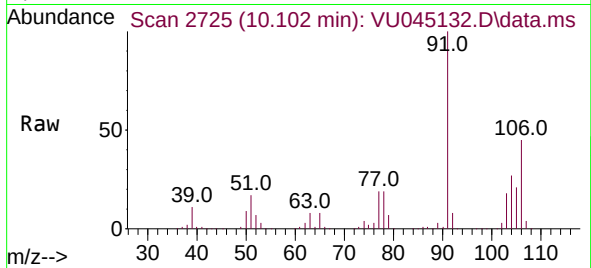




#54
o-xylene
Concen: 52.311 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

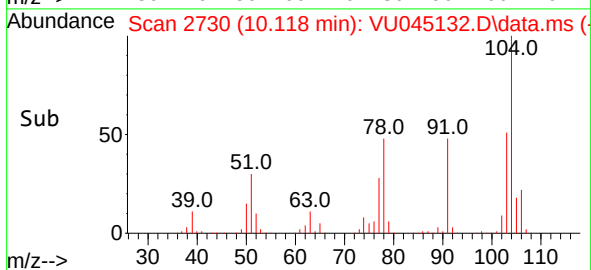
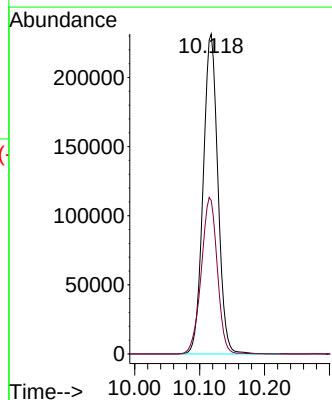
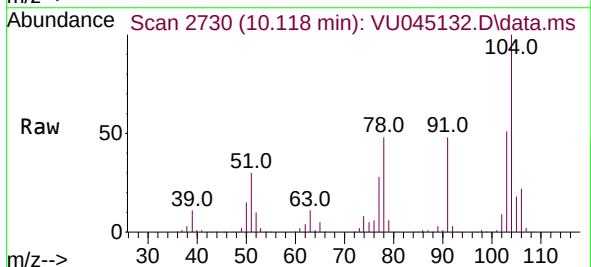
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

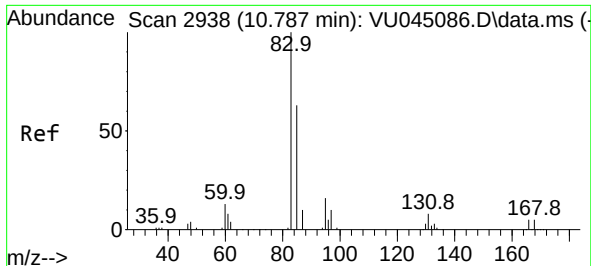
Tgt Ion:106 Resp: 215374
Ion Ratio Lower Upper
106 100
91 223.0 152.9 283.9



#55
Styrene
Concen: 51.696 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:104 Resp: 366027
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9

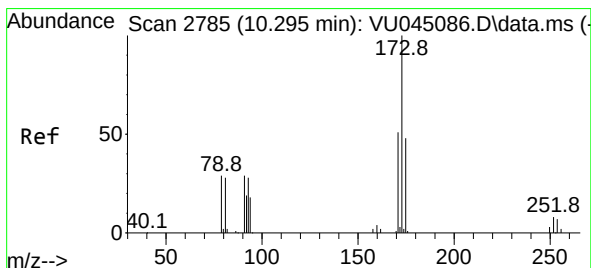
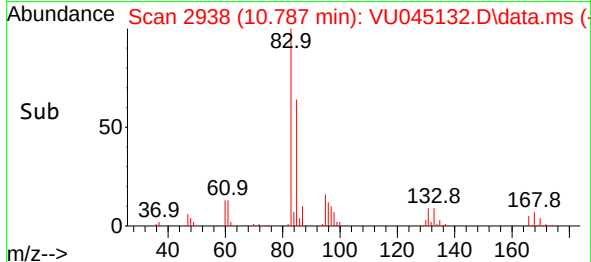
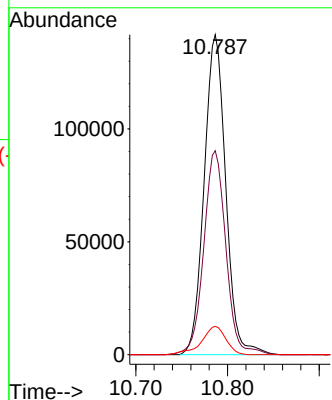
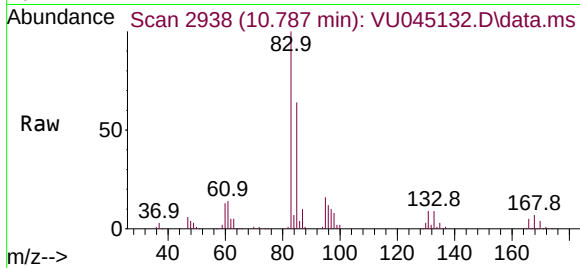




#57
1,1,2,2-Tetrachloroethane
Concen: 47.588 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

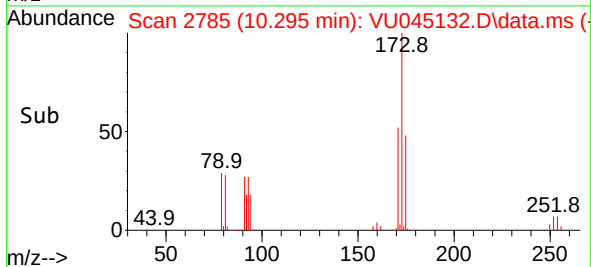
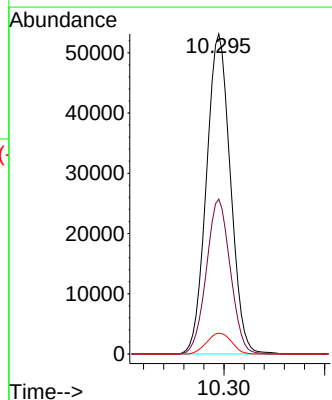
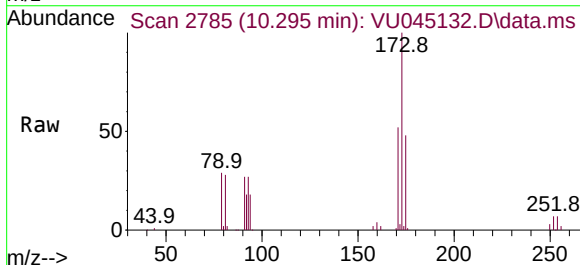
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

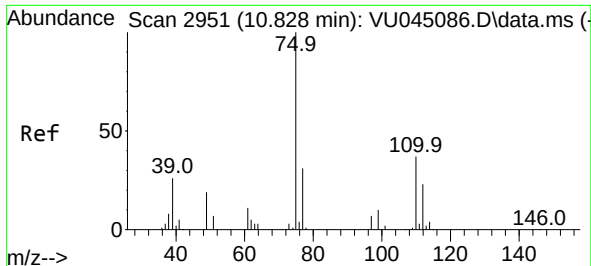
Tgt Ion:	83	Resp:	231674
Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.1	83.7
131	8.9	6.9	10.3



#59
Bromoform
Concen: 51.560 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:	173	Resp:	87987
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.4	57.6
254	6.7	5.3	7.9

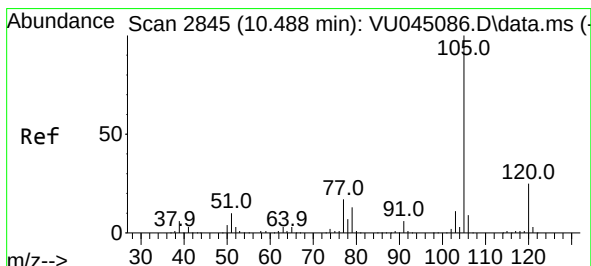
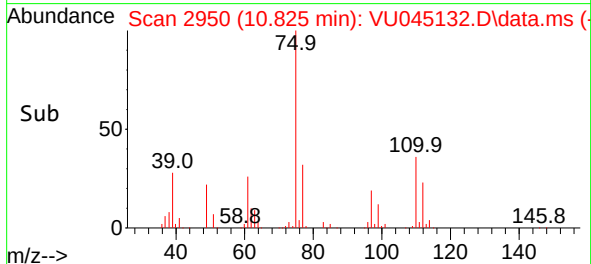
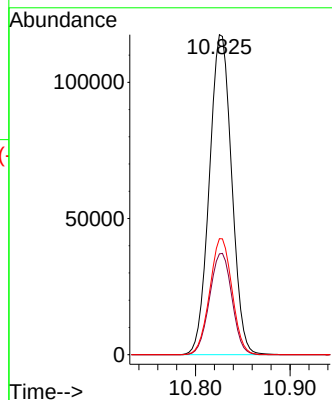
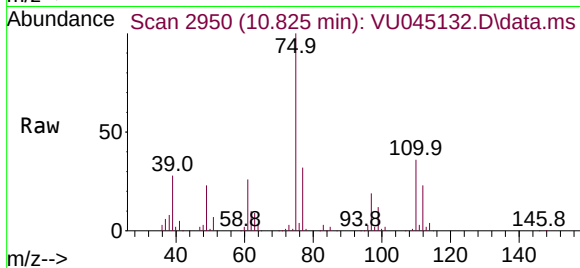




#60
1,2,3-Trichloropropane
Concen: 50.637 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

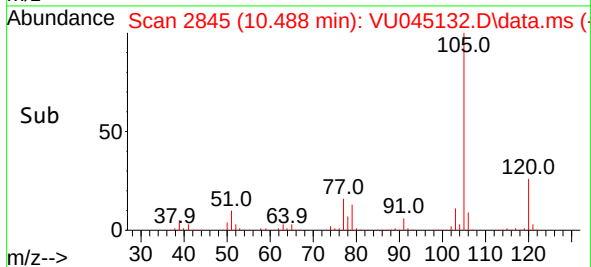
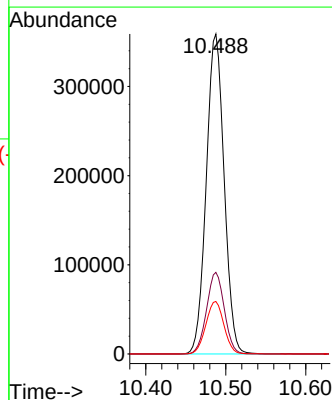
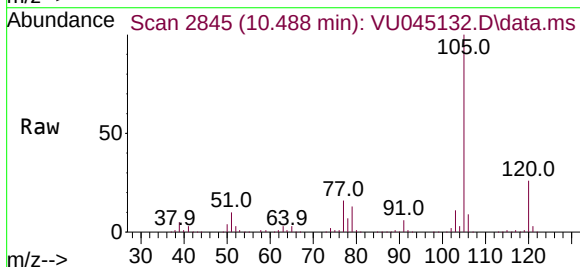
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

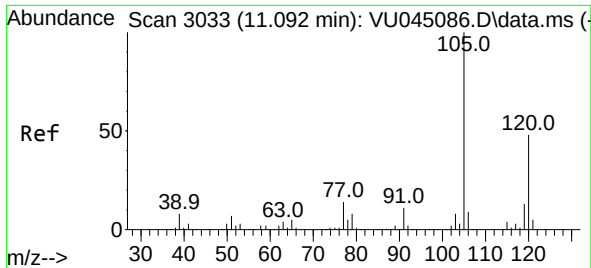
Tgt Ion: 75 Resp: 192710
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
110 36.3 29.0 43.4



#61
Isopropylbenzene
Concen: 55.461 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 105 Resp: 558496
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.6 13.5 20.3

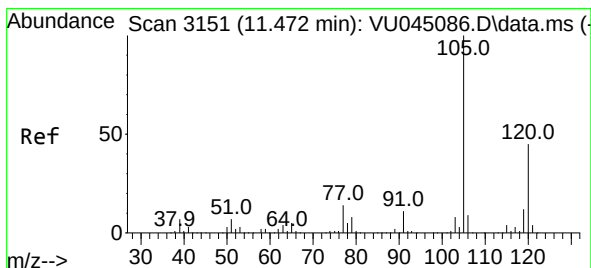
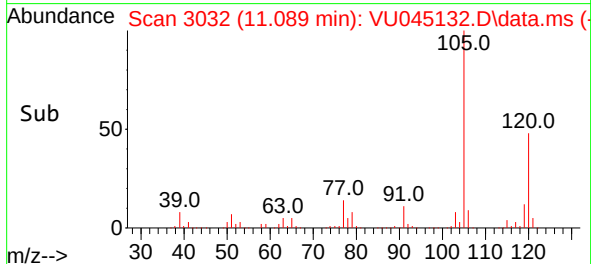
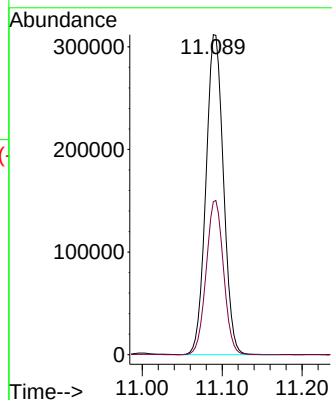
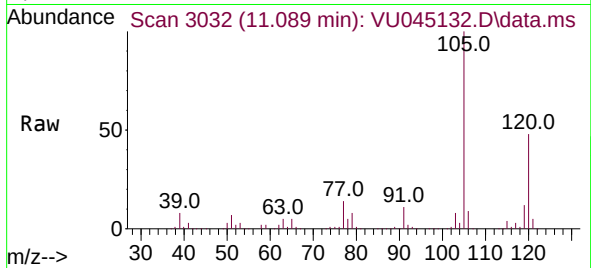




#62
1,3,5-Trimethylbenzene
Concen: 56.469 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

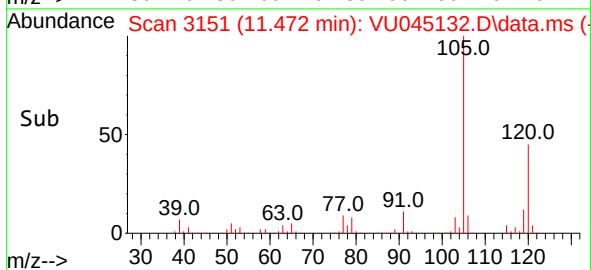
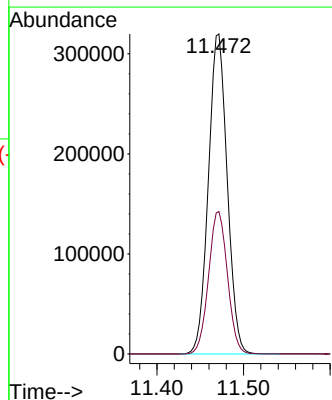
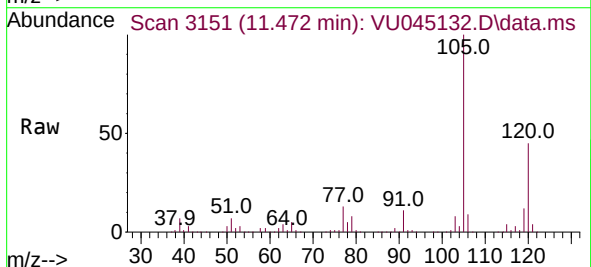
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

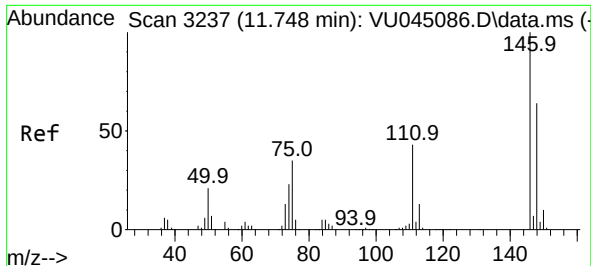
Tgt Ion:105 Resp: 474895
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.124 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:105 Resp: 483332
Ion Ratio Lower Upper
105 100
120 44.7 35.7 53.5

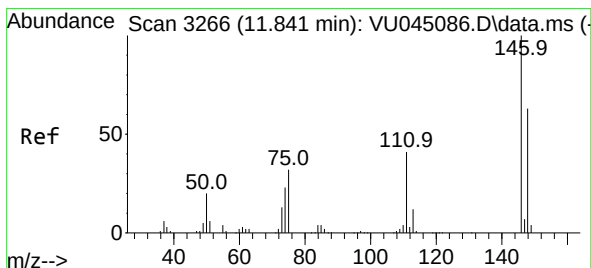
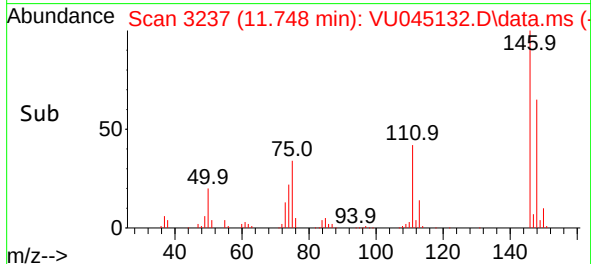
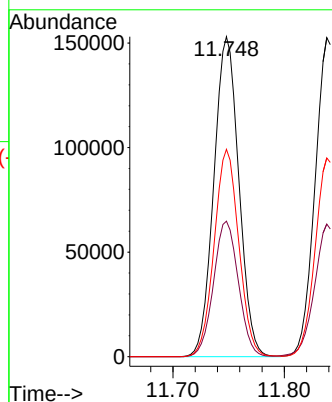
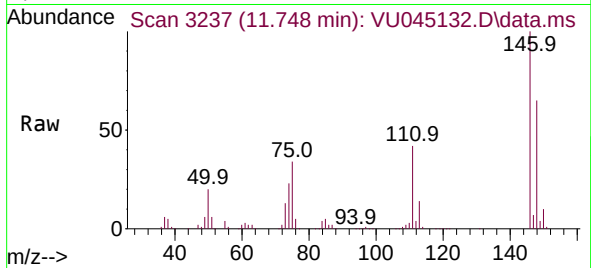




#64
1,3-Dichlorobenzene
Concen: 51.216 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

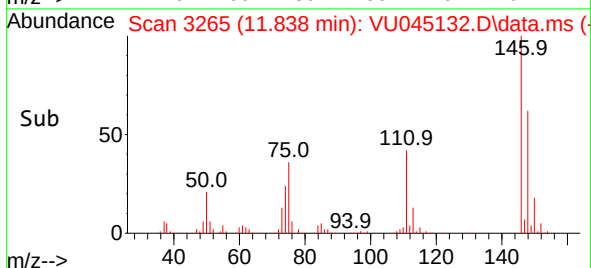
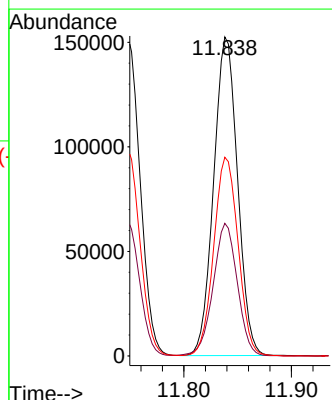
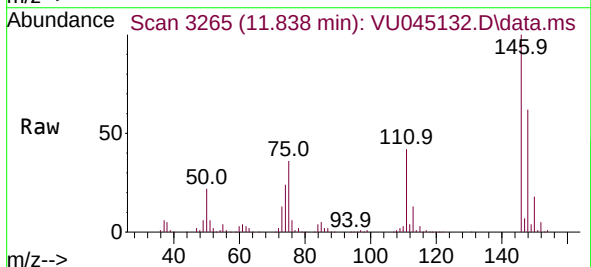
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

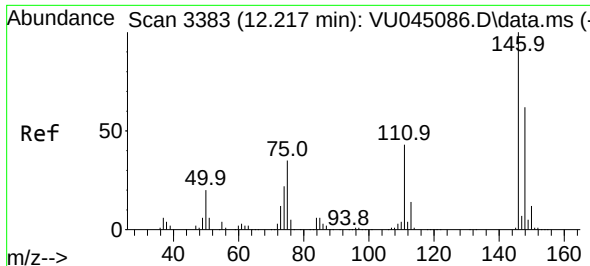
Tgt Ion:146 Resp: 238346
Ion Ratio Lower Upper
146 100
111 42.4 29.0 53.8
148 64.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 49.282 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:146 Resp: 235306
Ion Ratio Lower Upper
146 100
111 41.6 28.5 52.9
148 62.3 45.5 84.5

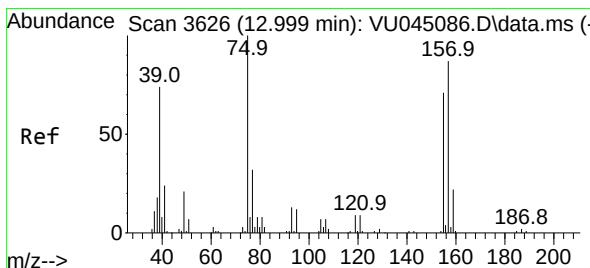
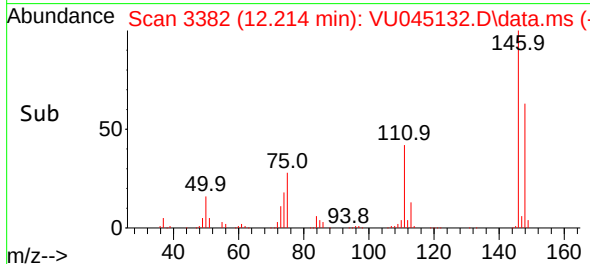
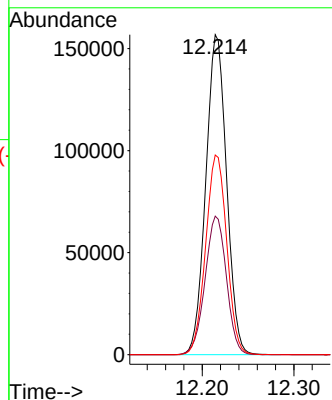
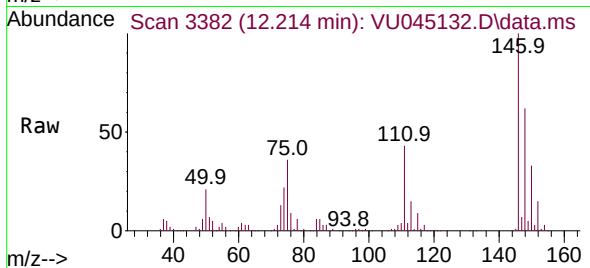




#67
1,2-Dichlorobenzene
Concen: 51.702 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

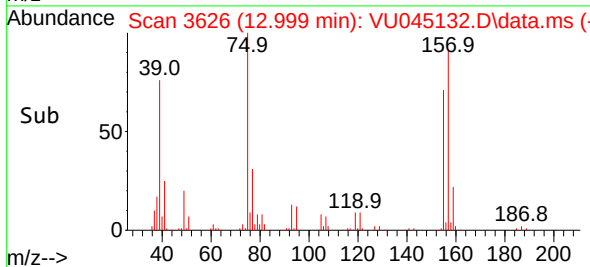
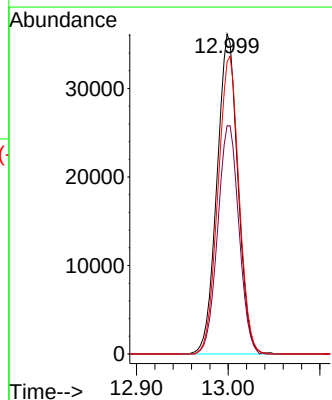
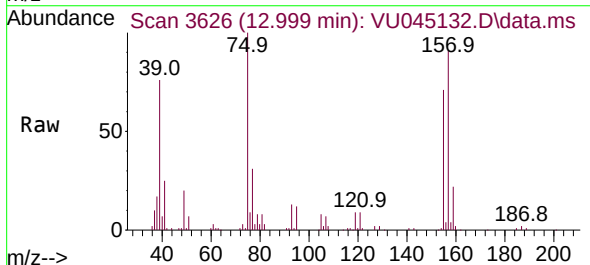
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

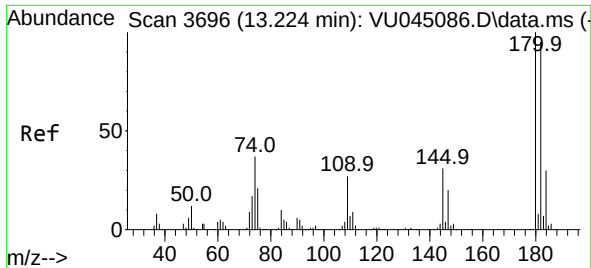
Tgt Ion:146 Resp: 247000
Ion Ratio Lower Upper
146 100
111 43.3 34.7 52.1
148 62.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.393 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion: 75 Resp: 57301
Ion Ratio Lower Upper
75 100
155 71.3 58.5 87.7
157 91.3 77.7 116.5

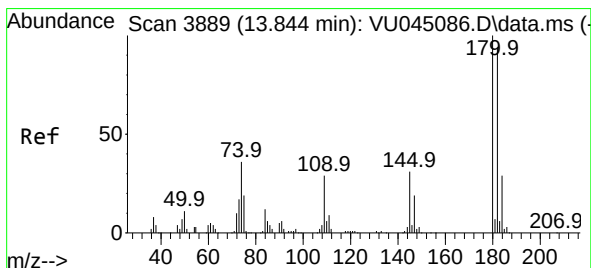
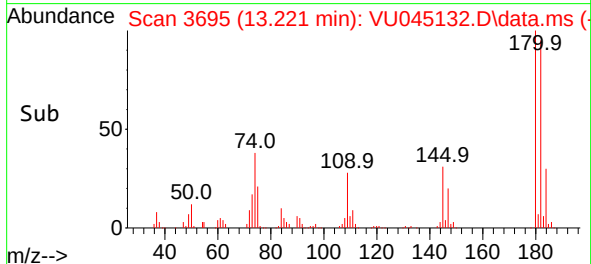
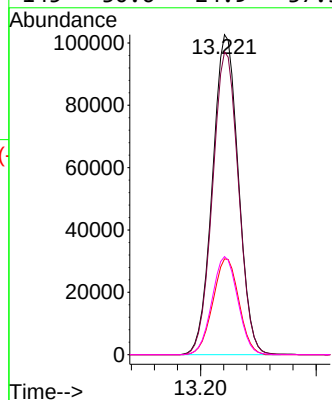
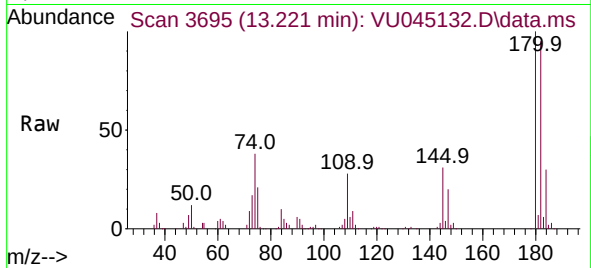




#69
1,3,5-Trichlorobenzene
Concen: 49.422 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

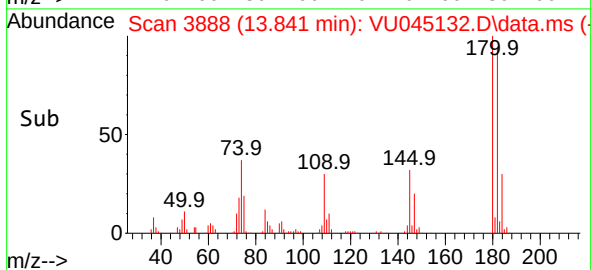
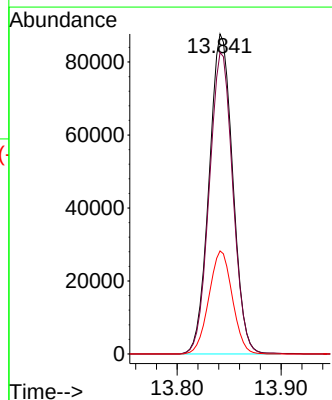
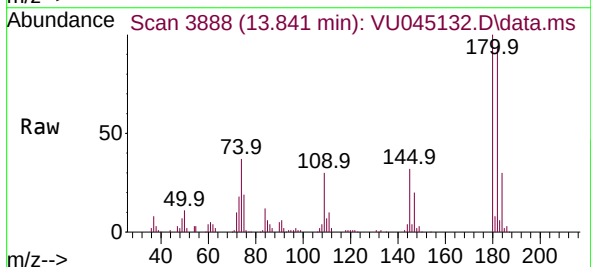
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

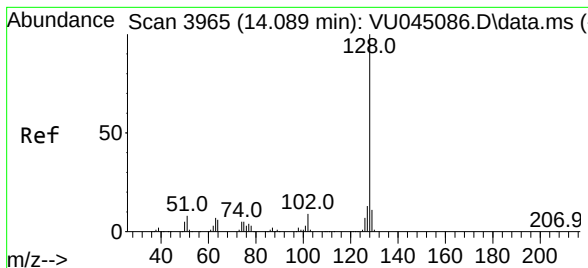
Tgt Ion:	180	Resp:	159615
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.8	115.2
184	30.2	24.4	36.6
145	30.6	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 51.587 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:	180	Resp:	138447
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.2	114.2
145	31.9	25.4	38.0

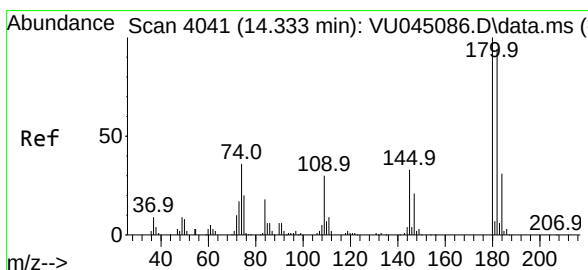
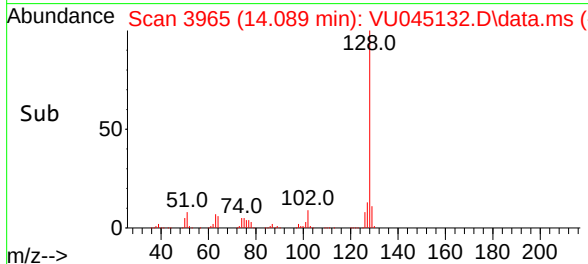
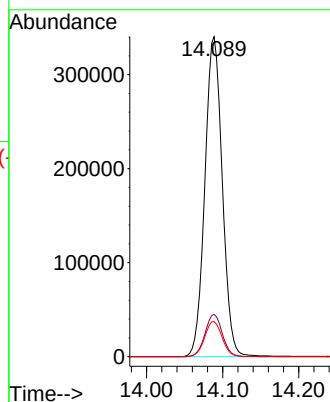
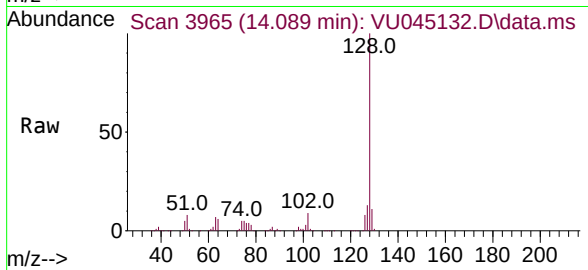




#71
Naphthalene
Concen: 58.282 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

Tgt Ion:128 Resp: 542025
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.919 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045132.D
Acq: 05 Oct 2021 05:57

Tgt Ion:180 Resp: 145310
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 32.6 26.5 39.7

