

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045134.D
 Acq On : 05 Oct 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Oct 06 01:37:00 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	273089	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	259722	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	130056	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125541	41.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.980%
7) Chloroethane-d5	1.912	69	110123	46.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.980%
11) 1,1-Dichloroethene-d2	2.572	63	237667	47.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.680%
21) 2-Butanone-d5	4.629	46	234598	99.261	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	5.070	84	230676	48.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	5.706	65	155424	48.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
32) Benzene-d6	5.732	84	459527	50.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.980%
36) 1,2-Dichloropropane-d6	6.697	67	145720	49.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.180%
41) Toluene-d8	7.902	98	413521	53.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.340%
43) trans-1,3-Dichloroprop...	8.182	79	69816	53.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.820%
47) 2-Hexanone-d5	8.639	63	168217	103.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	221785	48.468	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.940%
66) 1,2-Dichlorobenzene-d4	12.195	152	152370	53.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	126979	48.561	ug/L	99
3) Chloromethane	1.520	50	133291	40.896	ug/L	99
5) Vinyl chloride	1.607	62	143149	44.829	ug/L	99
6) Bromomethane	1.855	94	81188	53.010	ug/L	99
8) Chloroethane	1.932	64	93950	46.878	ug/L	99
9) Trichlorofluoromethane	2.141	101	183537	50.218	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	115386	50.019	ug/L	99
12) 1,1-Dichloroethene	2.584	96	109685	51.866	ug/L	89
13) Acetone	2.636	43	201678	73.820	ug/L	98
14) Carbon disulfide	2.800	76	316852	46.768	ug/L	100
15) Methyl Acetate	2.954	43	157151	46.641	ug/L	95
16) Methylene chloride	3.051	84	127617	47.633	ug/L	94
17) trans-1,2-Dichloroethene	3.359	96	115006	51.625	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	398495	54.249	ug/L	99
19) 1,1-Dichloroethane	3.877	63	223969	48.326	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	129680	52.827	ug/L	92
22) 2-Butanone	4.710	43	263996	86.337	ug/L	96
23) Bromochloromethane	4.980	128	62680	50.368	ug/L	90
25) Chloroform	5.096	83	226880	49.243	ug/L	99

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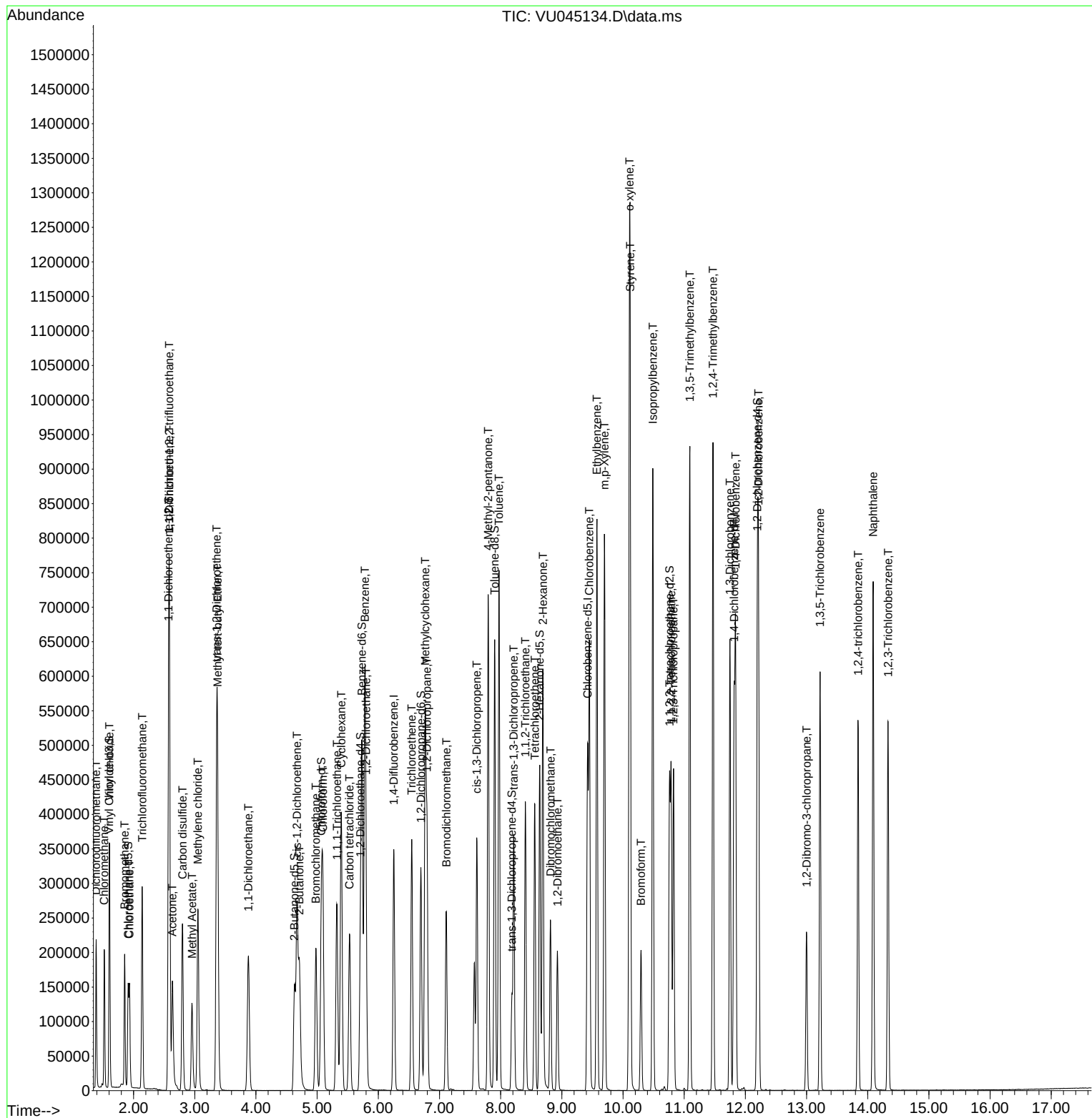
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	190156	49.345	ug/L	100
29) Cyclohexane	5.395	56	205431	52.621	ug/L	95
30) 1,1,1-Trichloroethane	5.324	97	189856	52.807	ug/L	98
31) Carbon tetrachloride	5.530	117	147363	51.895	ug/L	98
33) Benzene	5.780	78	498802	51.781	ug/L	100
34) Trichloroethene	6.546	95	123009	53.164	ug/L	98
35) Methylcyclohexane	6.768	83	209910	54.189	ug/L	96
37) 1,2-Dichloropropane	6.796	63	128948	49.165	ug/L	99
38) Bromodichloromethane	7.112	83	166649	51.836	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	203653	54.267	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	445247	101.625	ug/L	96
42) Toluene	7.973	91	528098	53.956	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	195800	54.871	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	124314	52.301	ug/L	99
46) Tetrachloroethene	8.558	164	86593	52.361	ug/L	99
48) 2-Hexanone	8.690	43	373655	96.174	ug/L	99
49) Dibromochloromethane	8.816	129	121465	51.671	ug/L	98
50) 1,2-Dibromoethane	8.928	107	134845	54.185	ug/L	99
51) Chlorobenzene	9.449	112	318815	52.763	ug/L	99
52) Ethylbenzene	9.574	91	573434	55.460	ug/L	100
53) m,p-Xylene	9.697	106	219657	56.079	ug/L	98
54) o-xylene	10.105	106	216406	56.224	ug/L	99
55) Styrene	10.118	104	369975	55.895	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	223811	49.177	ug/L	100
59) Bromoform	10.295	173	86500	53.628	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	186948	51.972	ug/L	100
61) Isopropylbenzene	10.488	105	559190	58.750	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	490211	61.670	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	497039	61.063	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	243943	55.459	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	244552	54.188	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	246134	54.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	58961	57.037	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	171651	56.231	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	148559	58.565	ug/L	100
71) Naphthalene	14.089	128	553801	63.001	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	151333	58.309	ug/L	99

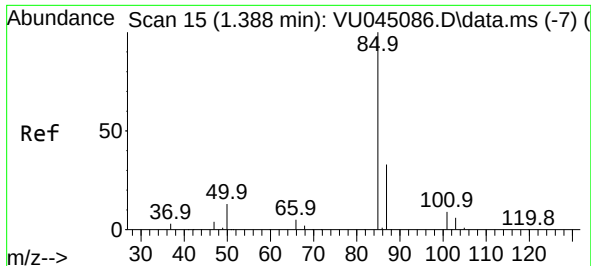
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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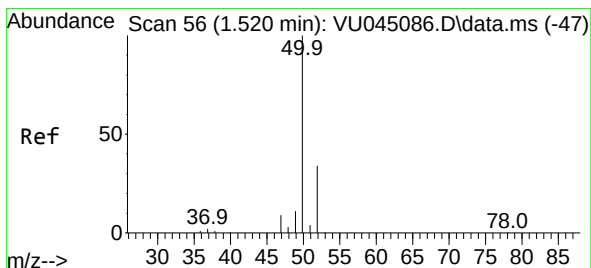
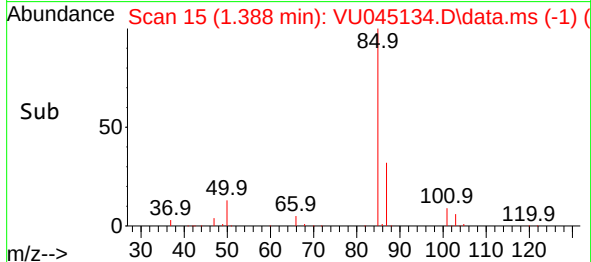
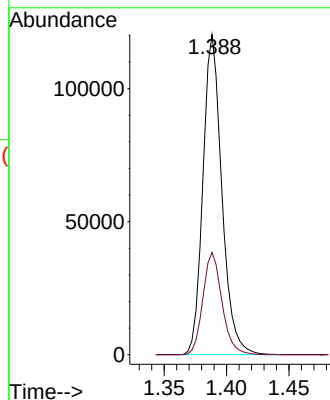
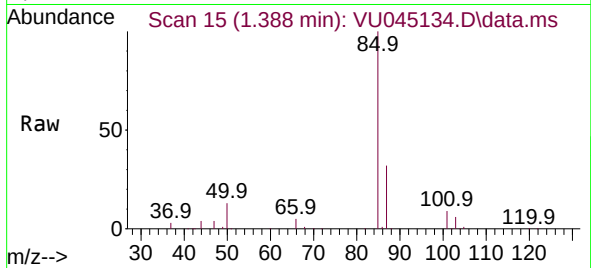




#2
Dichlorodifluoromethane
Concen: 48.561 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

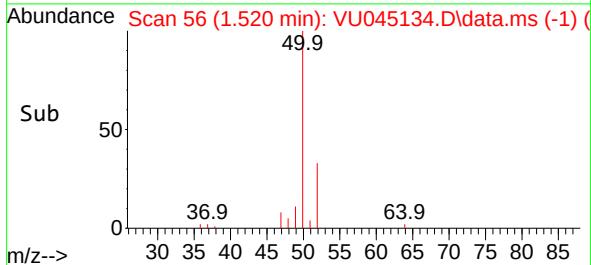
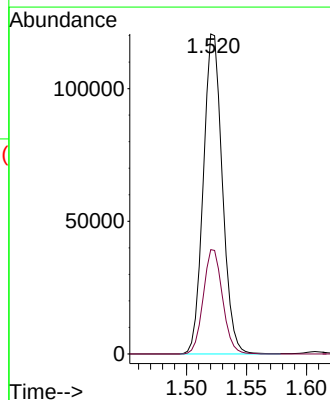
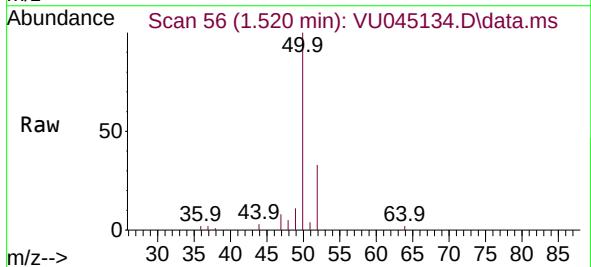
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

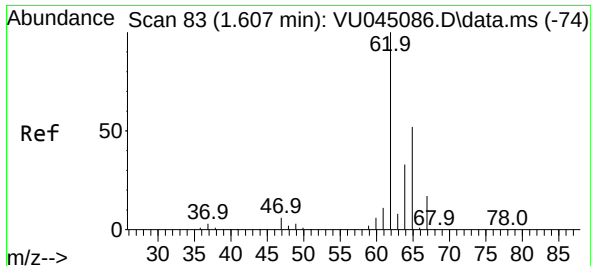
Tgt Ion: 85 Resp: 126979
Ion Ratio Lower Upper
85 100
87 32.2 25.2 37.8



#3
Chloromethane
Concen: 40.896 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 50 Resp: 133291
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8

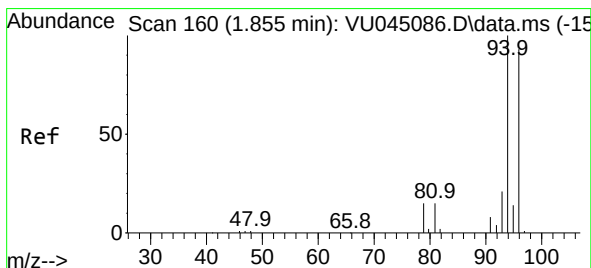
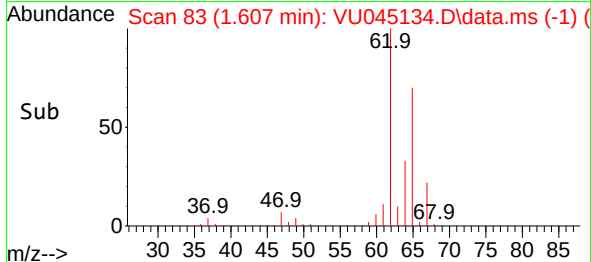
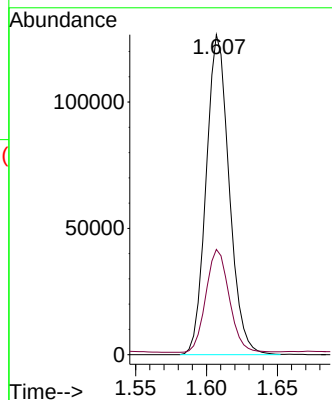
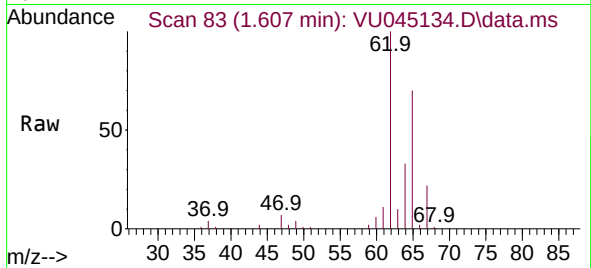




#5
 Vinyl chloride
 Concen: 44.829 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045134.D
 Acq: 05 Oct 2021 10:44

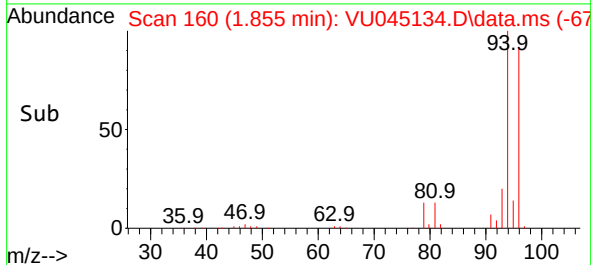
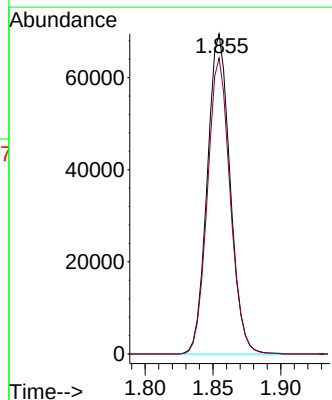
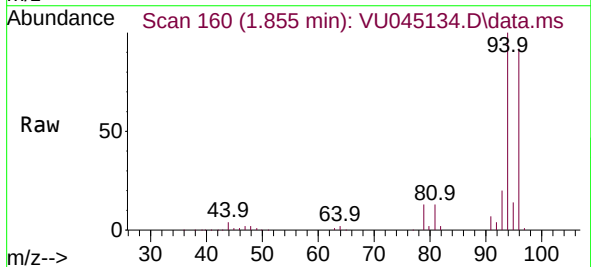
Instrument :
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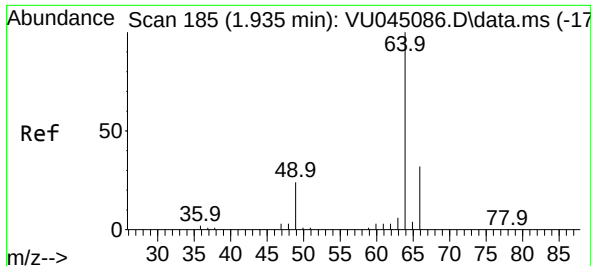
Tgt Ion: 62 Resp: 143149
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 53.010 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU045134.D
 Acq: 05 Oct 2021 10:44

Tgt Ion: 94 Resp: 81188
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

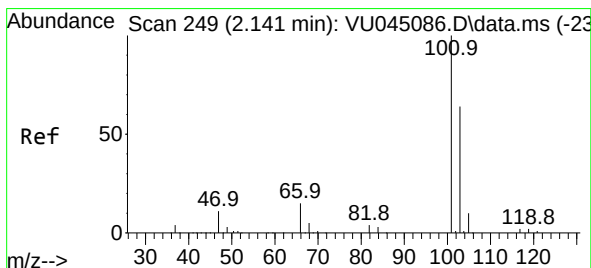
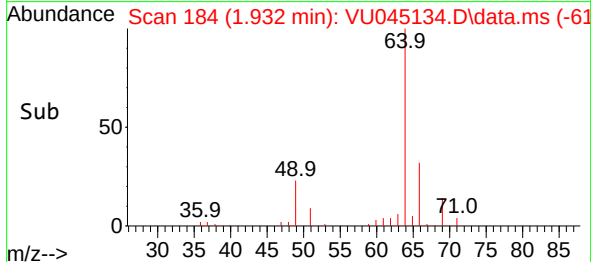
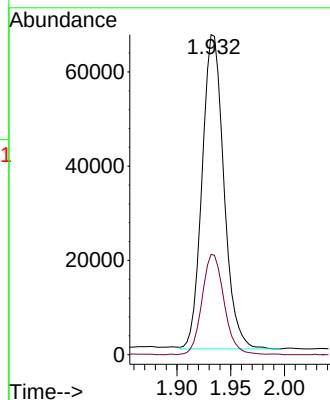
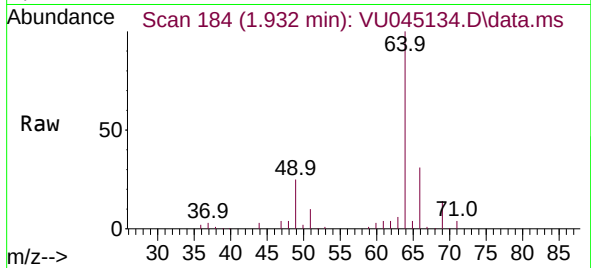




#8
Chloroethane
Concen: 46.878 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

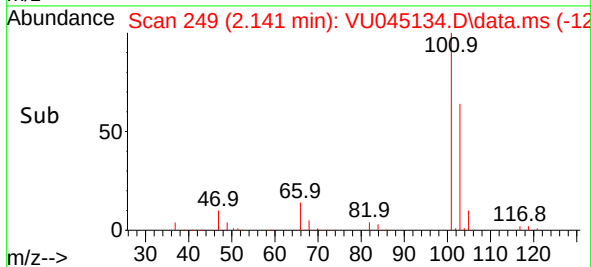
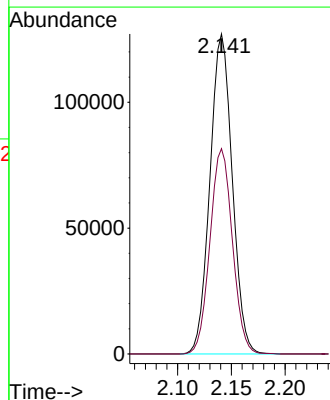
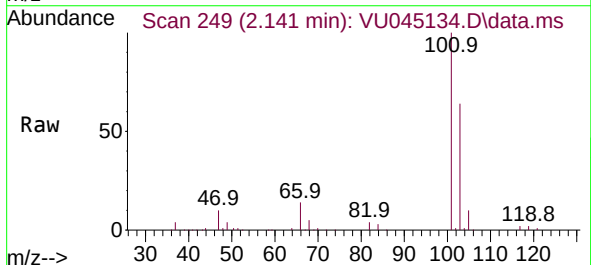
Instrument :
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ClientSampleId :
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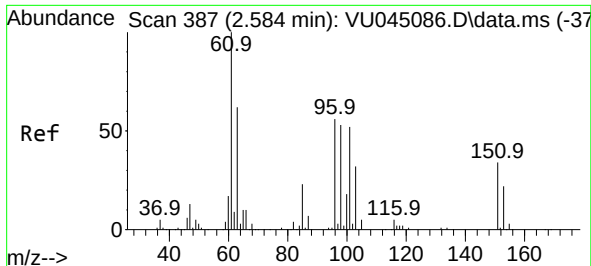
Tgt Ion: 64 Resp: 93950
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 50.218 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:101 Resp: 183537
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.019 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045134.D

Acq: 05 Oct 2021 10:44

Tgt Ion:101 Resp: 115386

Ion Ratio Lower Upper

101 100

85 44.4 36.4 54.6

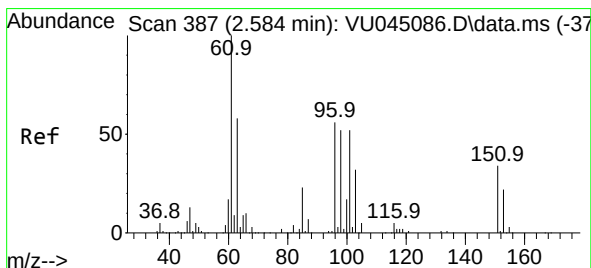
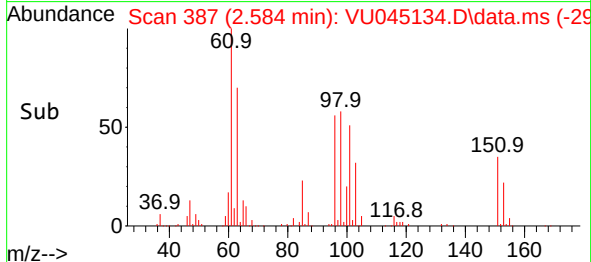
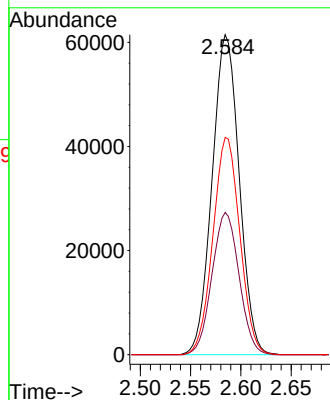
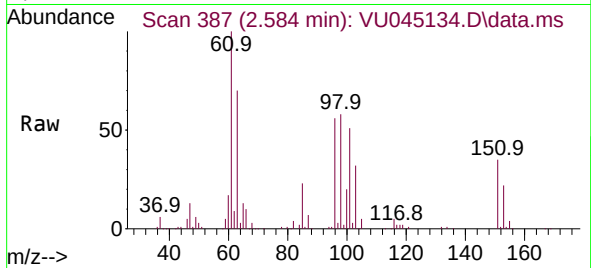
151 67.4 54.4 81.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD050087



#12

1,1-Dichloroethene

Concen: 51.866 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045134.D

Acq: 05 Oct 2021 10:44

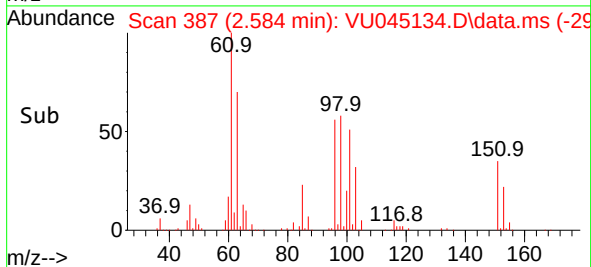
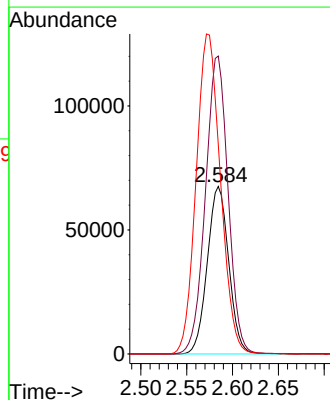
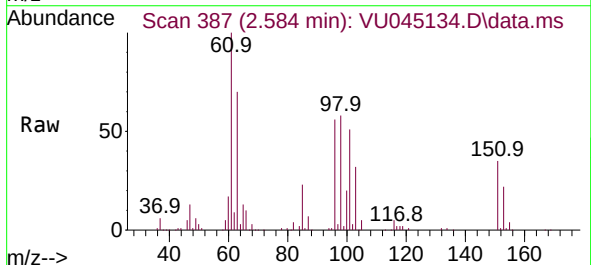
Tgt Ion: 96 Resp: 109685

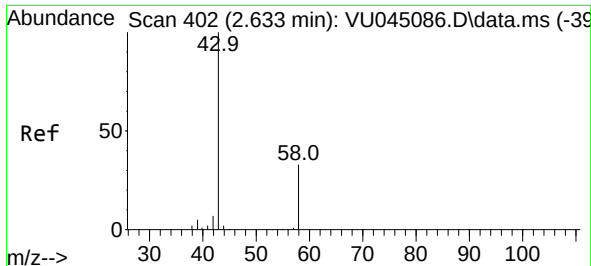
Ion Ratio Lower Upper

96 100

61 177.9 131.3 243.9

63 125.1 102.5 190.3

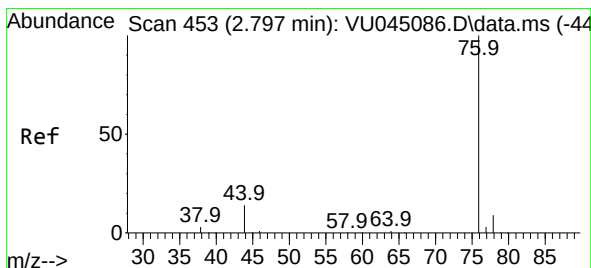
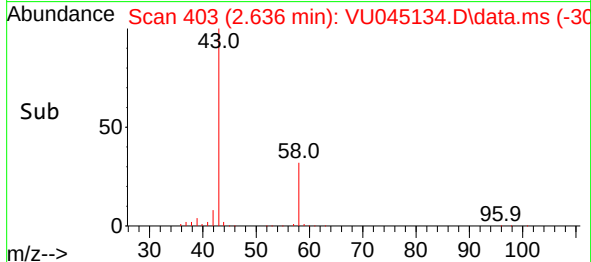
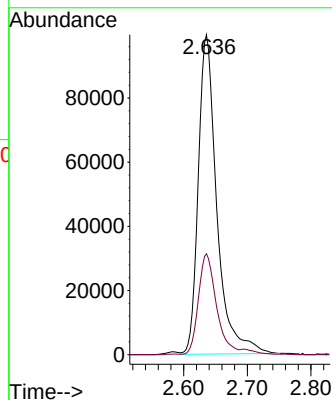
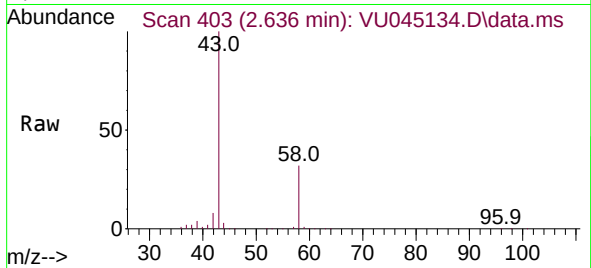




#13
Acetone
Concen: 73.820 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

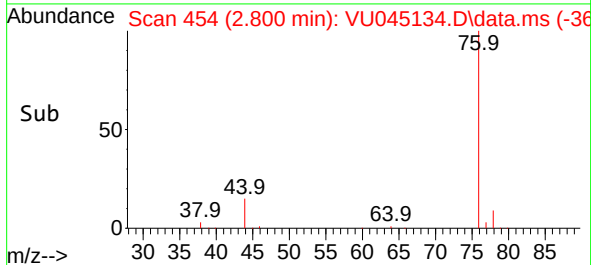
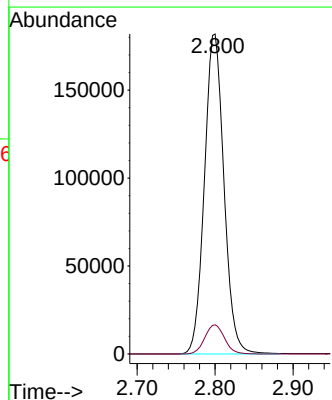
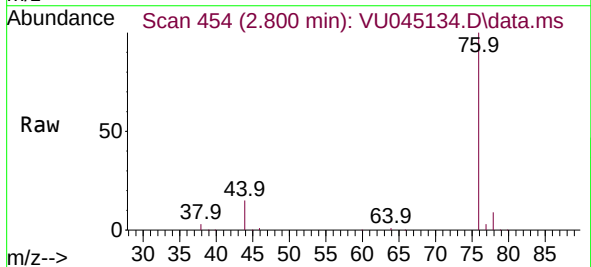
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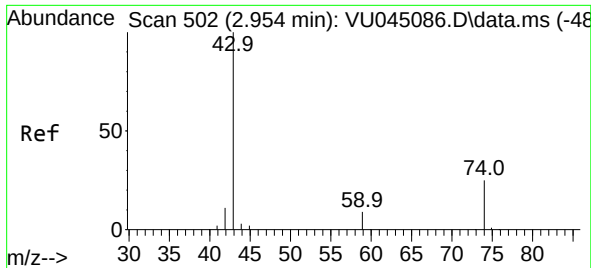
Tgt Ion: 43 Resp: 201678
Ion Ratio Lower Upper
43 100
58 30.2 0.0 62.8



#14
Carbon disulfide
Concen: 46.768 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 316852
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

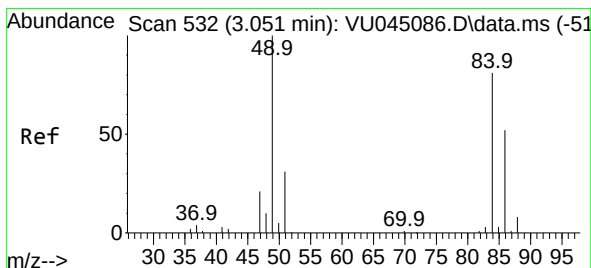
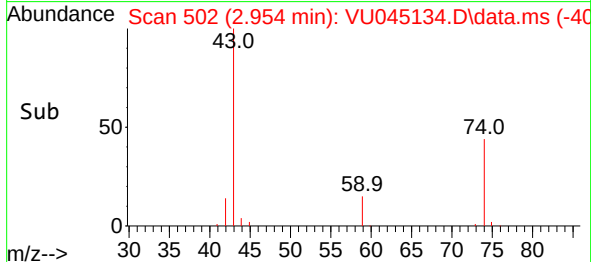
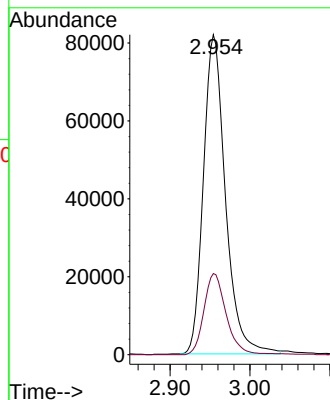
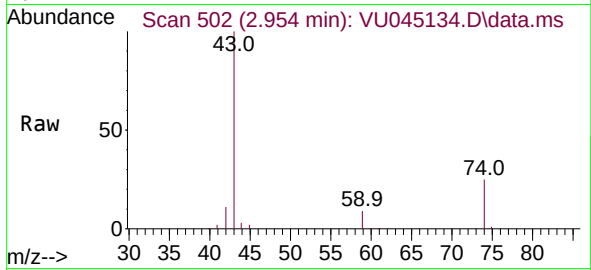




#15
Methyl Acetate
Concen: 46.641 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

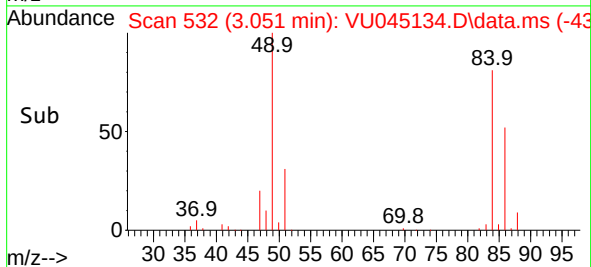
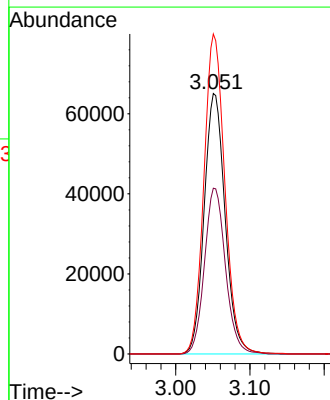
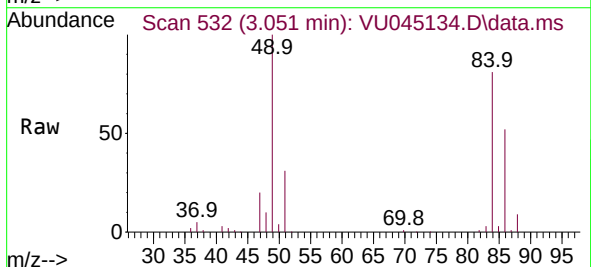
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

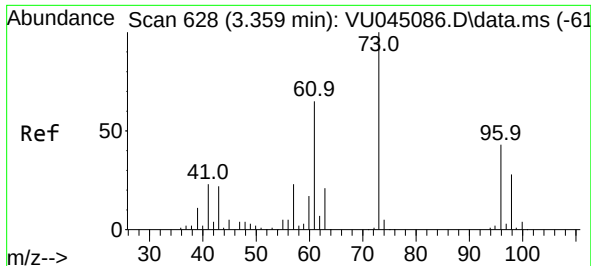
Tgt Ion: 43 Resp: 157151
Ion Ratio Lower Upper
43 100
74 25.6 18.4 27.6



#16
Methylene chloride
Concen: 47.633 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 84 Resp: 127617
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 122.8 92.9 172.5

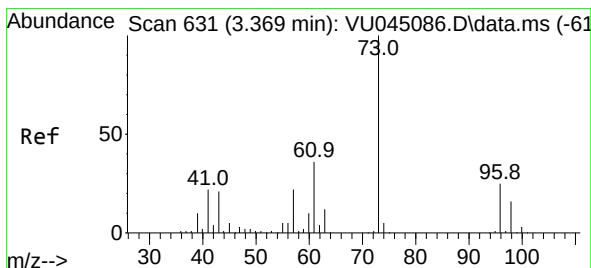
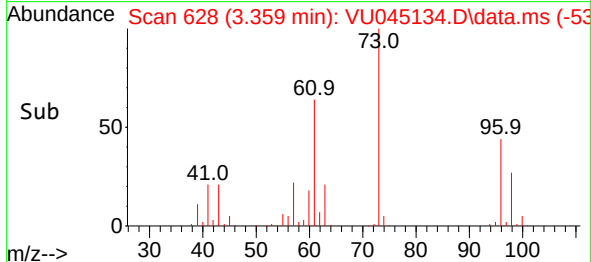
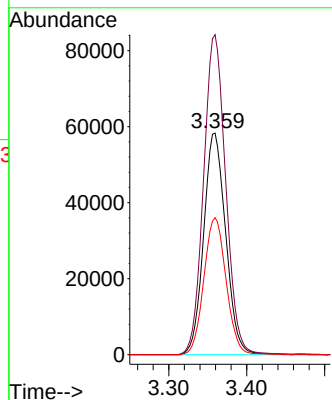
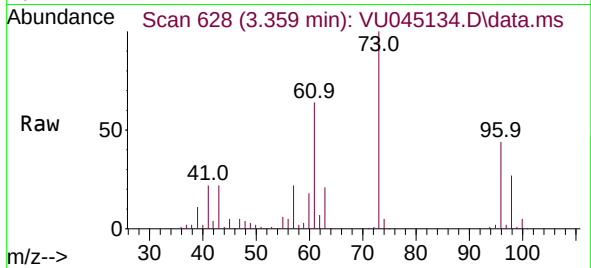




#17
trans-1,2-Dichloroethene
Concen: 51.625 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

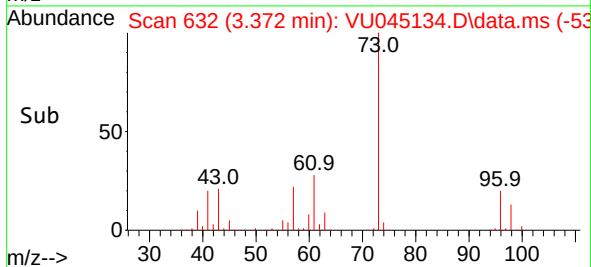
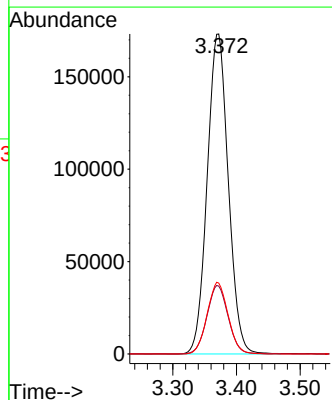
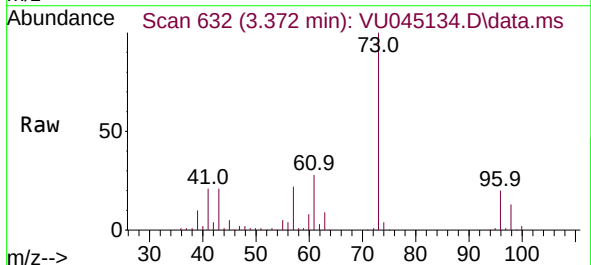
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

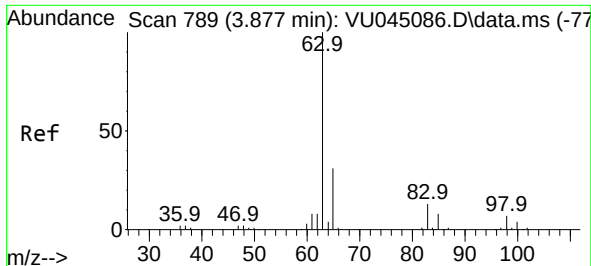
Tgt Ion: 96 Resp: 115006
Ion Ratio Lower Upper
96 100
61 144.4 105.1 195.3
98 61.8 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 54.249 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 73 Resp: 398495
Ion Ratio Lower Upper
73 100
43 21.5 17.3 25.9
57 22.1 18.7 28.1

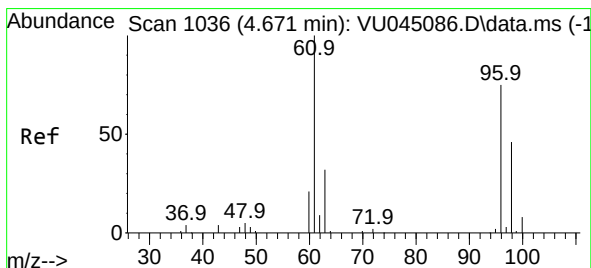
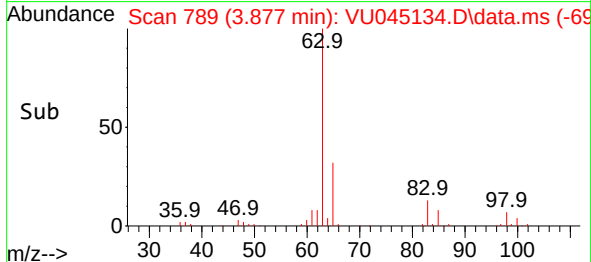
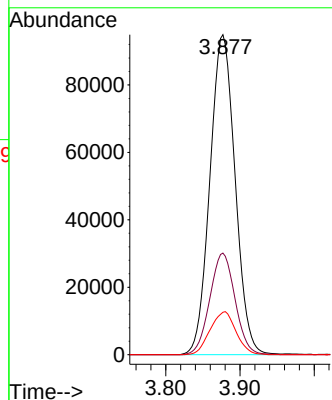
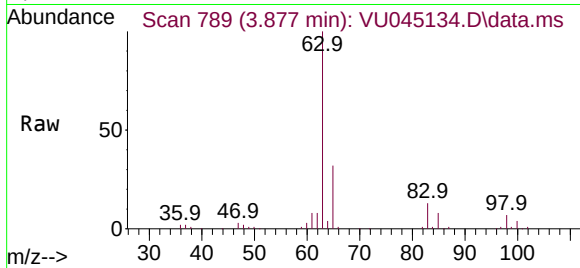




#19
1,1-Dichloroethane
Concen: 48.326 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

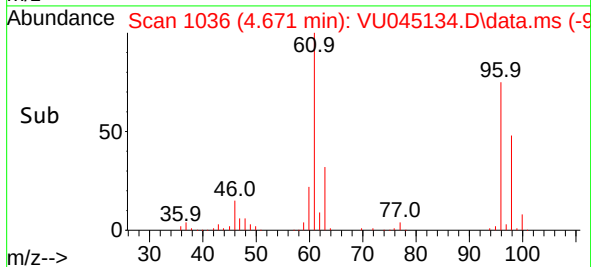
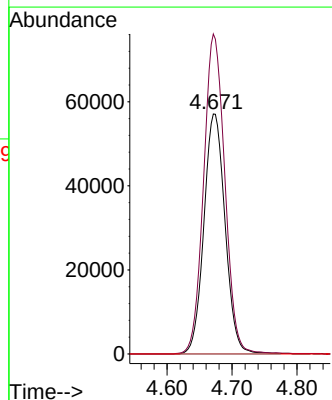
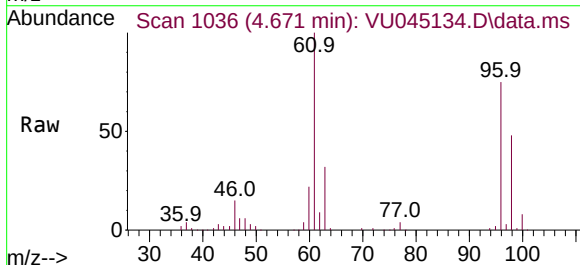
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

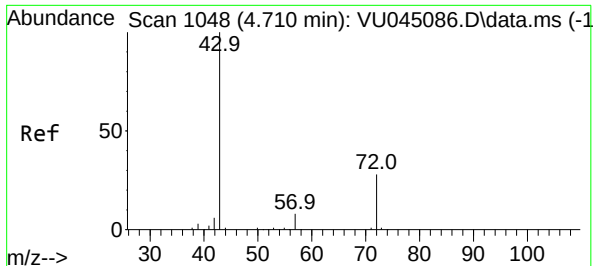
Tgt Ion:	63	Resp:	223969
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	40.8
83	13.3	9.0	16.6



#20
cis-1,2-Dichloroethene
Concen: 52.827 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:	96	Resp:	129680
Ion	Ratio	Lower	Upper
96	100		
61	133.3	100.2	186.0
68	0.0	0.0	0.0

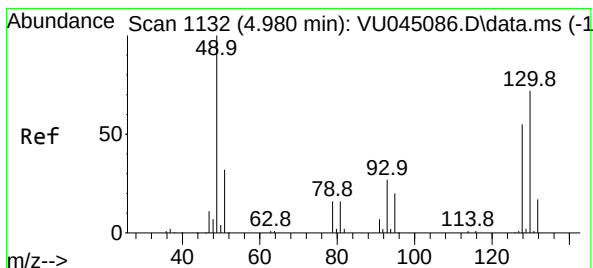
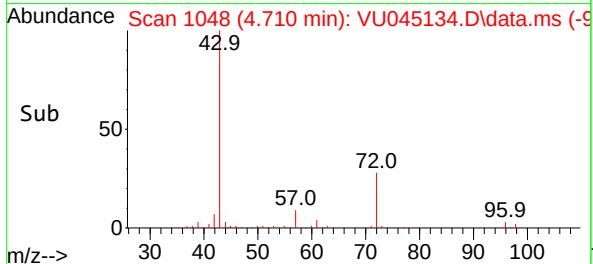
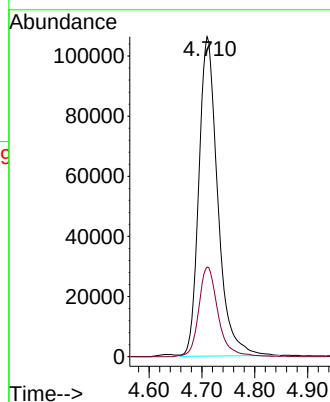
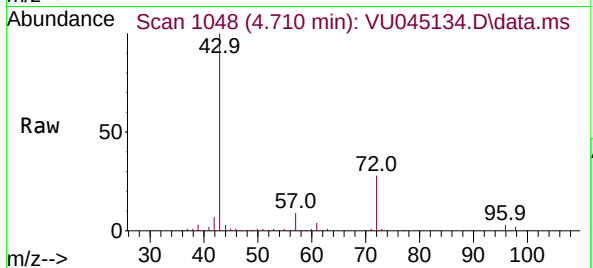




#22
2-Butanone
Concen: 86.337 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

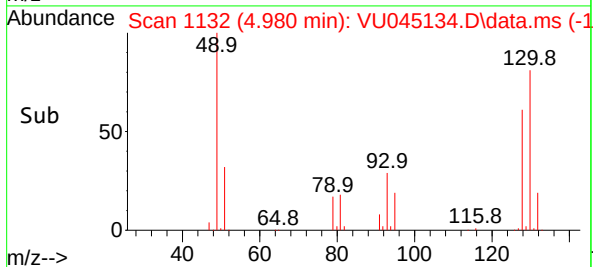
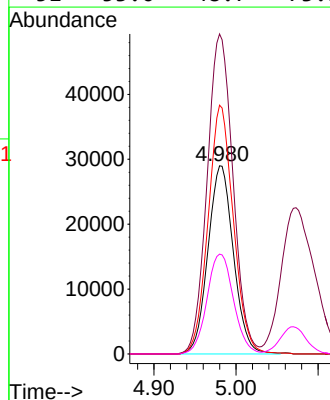
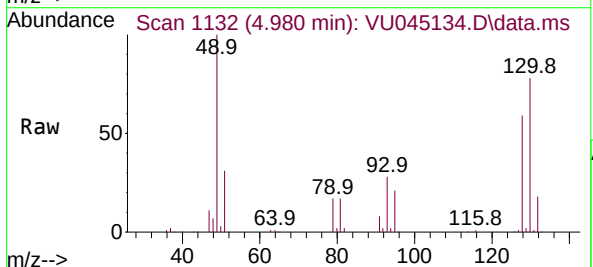
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

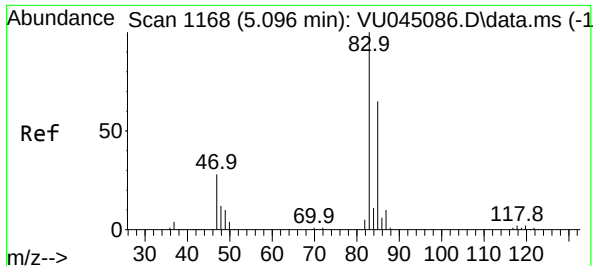
Tgt Ion: 43 Resp: 263996
Ion Ratio Lower Upper
43 100
72 28.6 13.3 39.9



#23
Bromochloromethane
Concen: 50.368 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 128 Resp: 62680
Ion Ratio Lower Upper
128 100
49 170.1 132.9 246.7
130 132.2 88.2 163.8
51 53.0 48.7 73.1





#25

Chloroform

Concen: 49.243 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU045134.D

Acq: 05 Oct 2021 10:44

Instrument :

MSVOA_U

ClientSampleId :

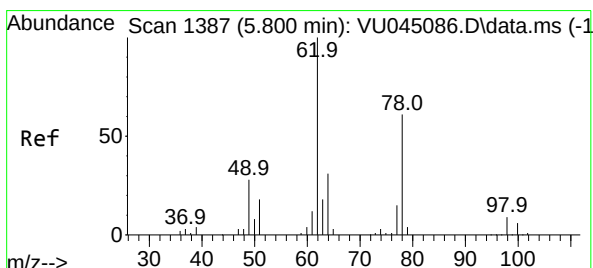
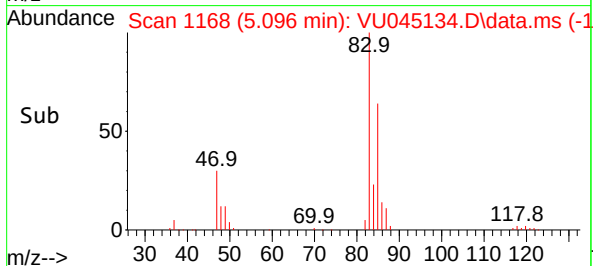
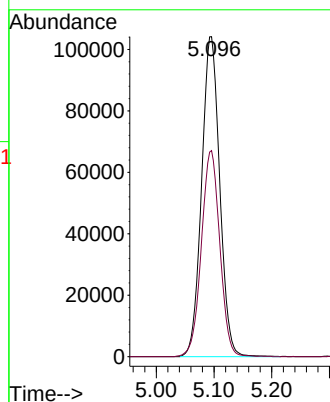
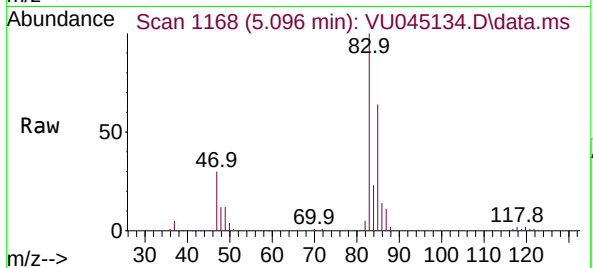
VSTD050087

Tgt Ion: 83 Resp: 226880

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 49.345 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045134.D

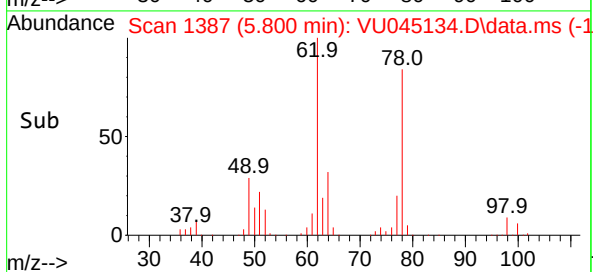
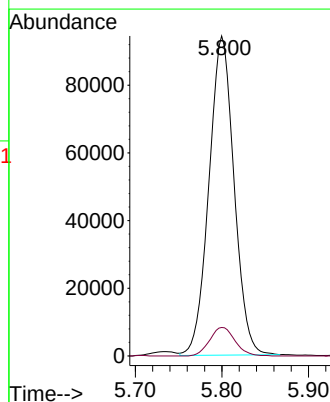
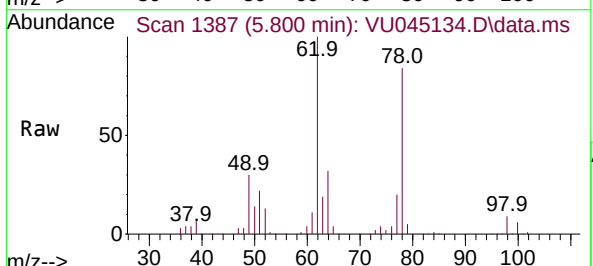
Acq: 05 Oct 2021 10:44

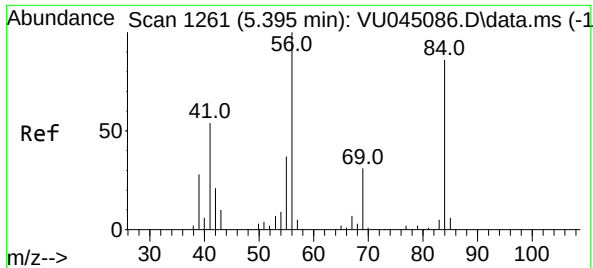
Tgt Ion: 62 Resp: 190156

Ion Ratio Lower Upper

62 100

98 8.9 7.1 10.7

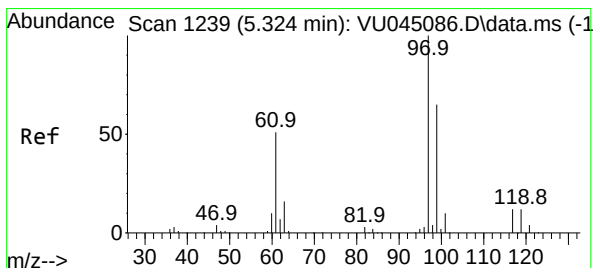
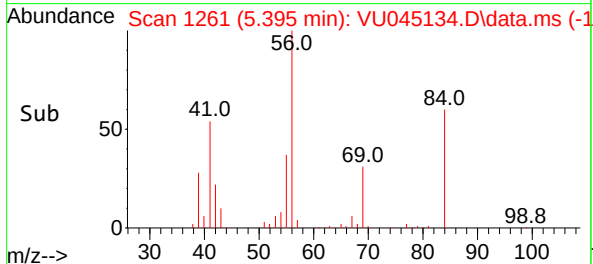
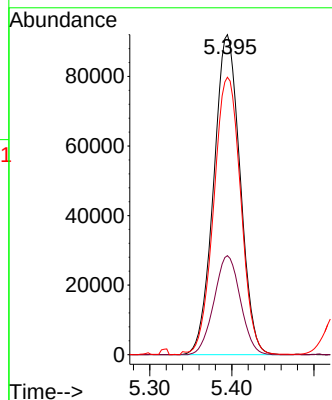
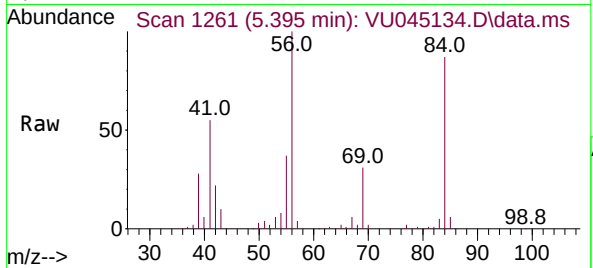




#29
Cyclohexane
Concen: 52.621 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

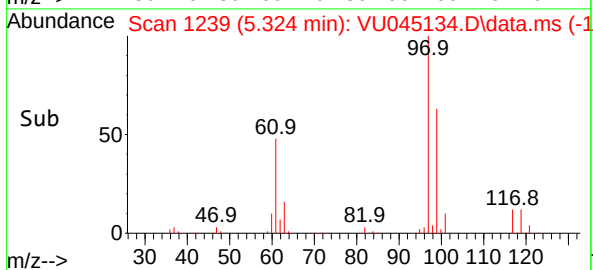
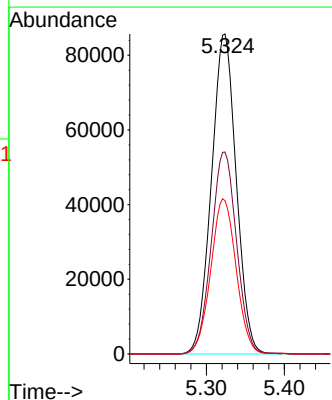
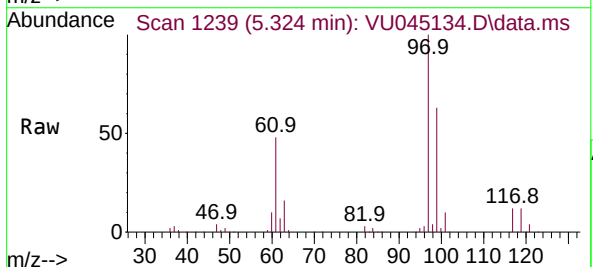
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

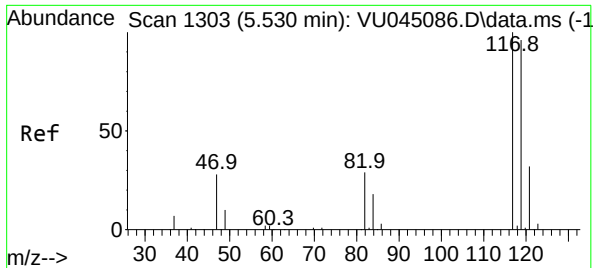
Tgt Ion:	56	Resp:	205431
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.8	35.8
84	88.4	66.8	100.2



#30
1,1,1-Trichloroethane
Concen: 52.807 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:	97	Resp:	189856
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	75.8
61	49.6	41.3	61.9

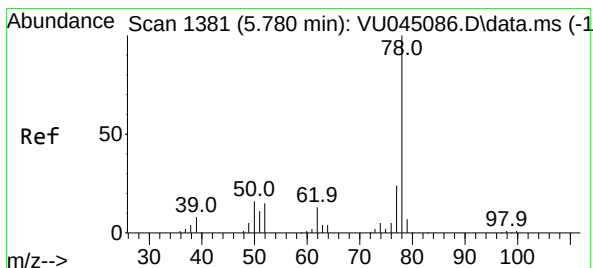
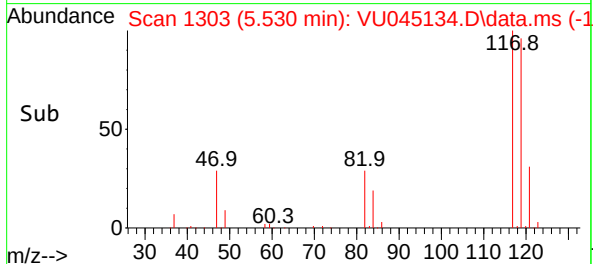
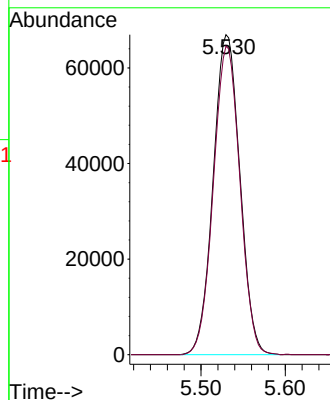
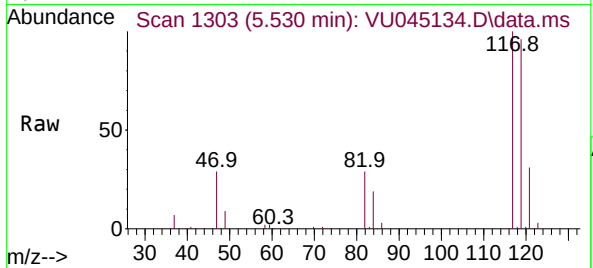




#31
Carbon tetrachloride
Concen: 51.895 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

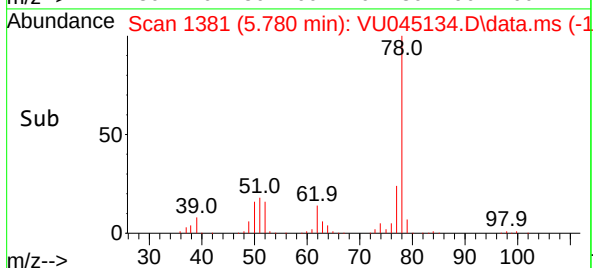
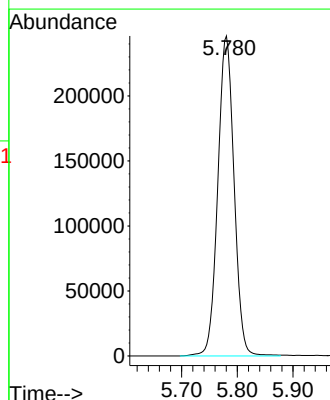
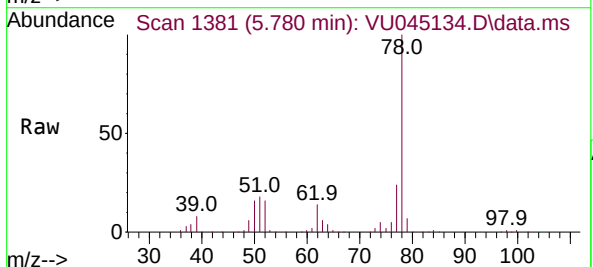
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

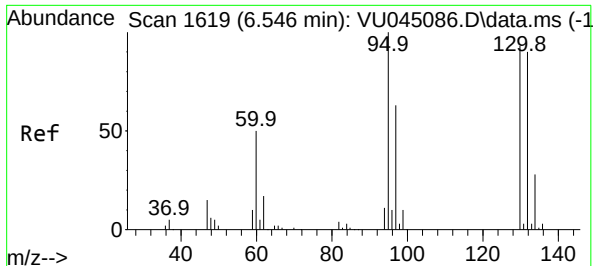
Tgt Ion:117 Resp: 147363
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 51.781 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 78 Resp: 498802

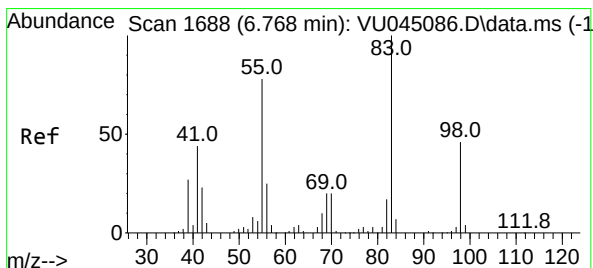
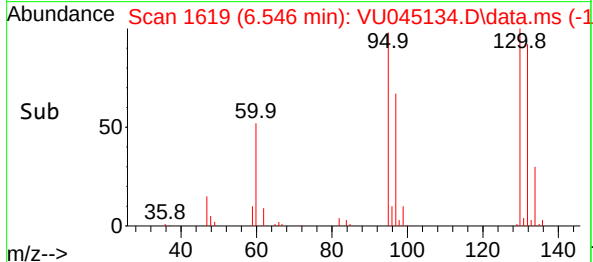
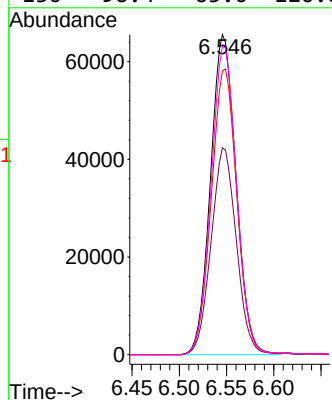
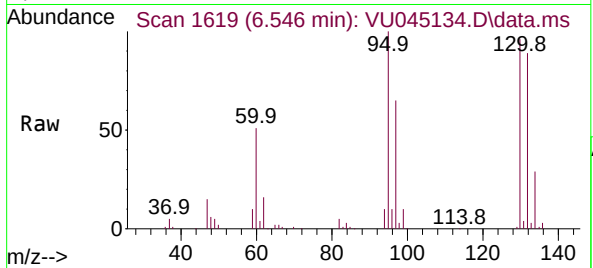




#34
Trichloroethene
Concen: 53.164 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

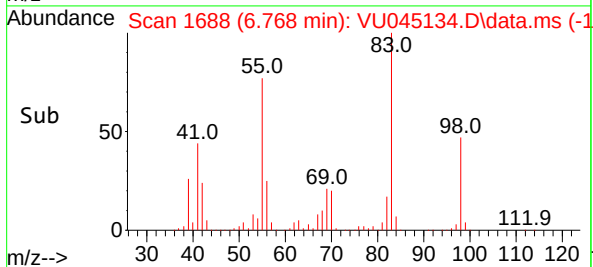
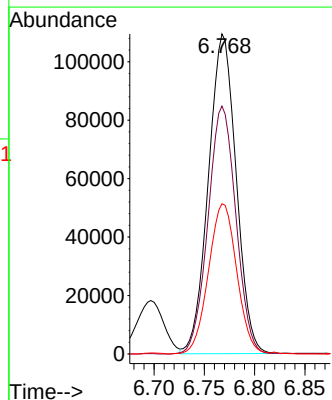
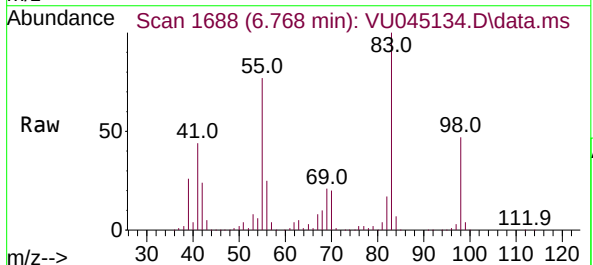
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

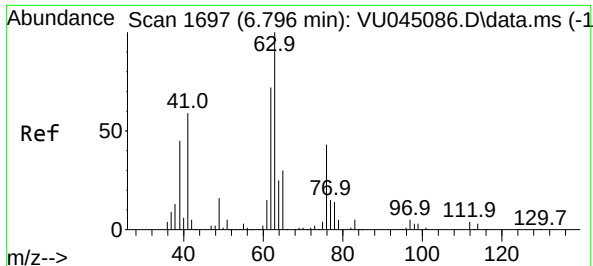
Tgt Ion: 95 Resp: 123009
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 88.7 62.9 116.9
130 96.4 65.0 120.8



#35
Methylcyclohexane
Concen: 54.189 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 83 Resp: 209910
Ion Ratio Lower Upper
83 100
55 78.0 65.8 98.6
98 47.9 37.1 55.7



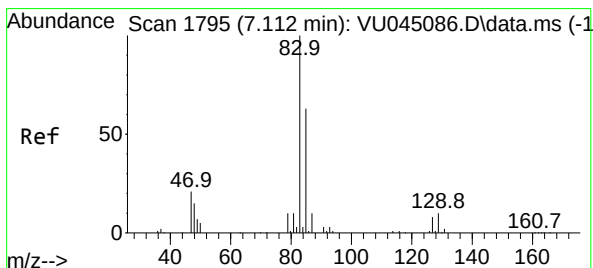
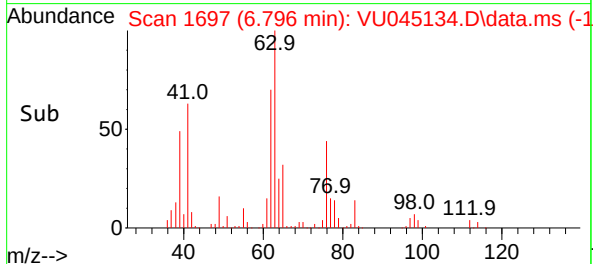
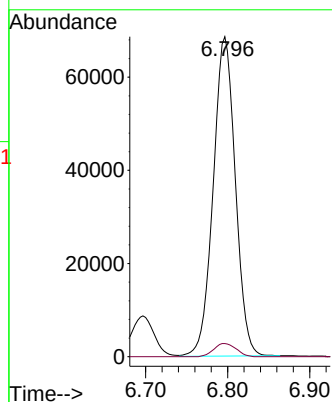
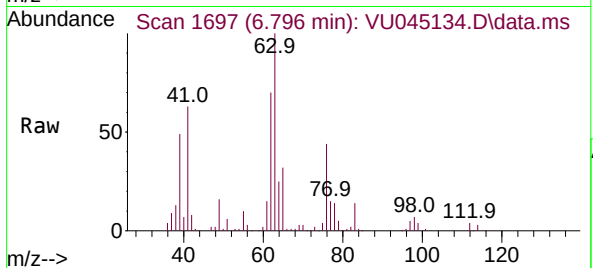


#37

1,2-Dichloropropane
Concen: 49.165 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

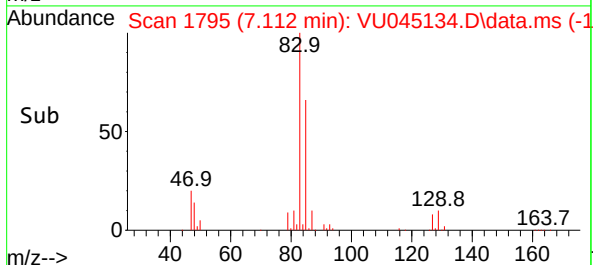
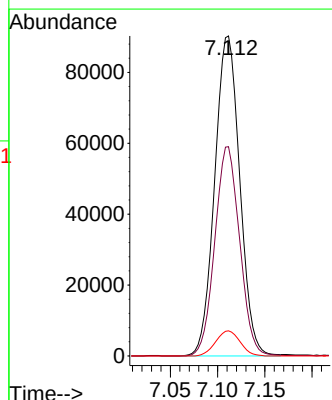
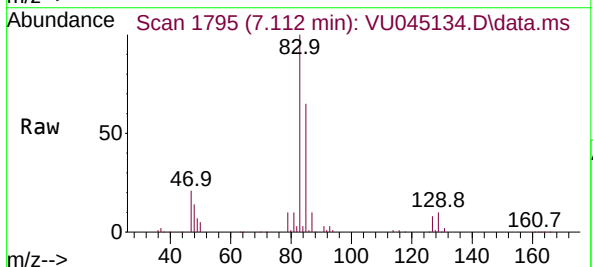
Tgt Ion: 63 Resp: 128948
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

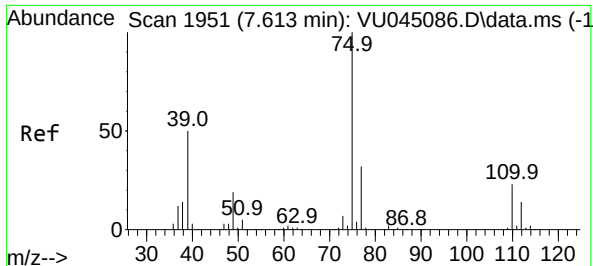


#38

Bromodichloromethane
Concen: 51.836 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 83 Resp: 166649
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8
127 7.9 6.2 9.2

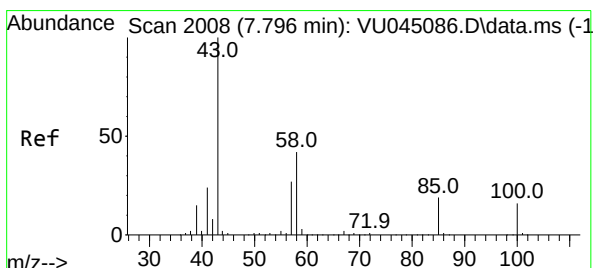
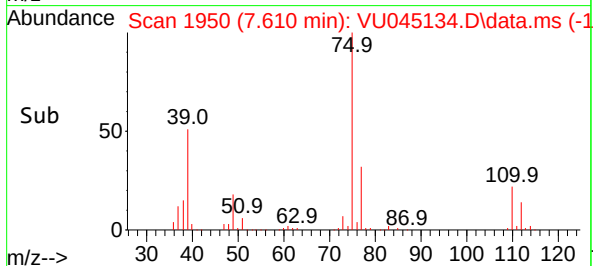
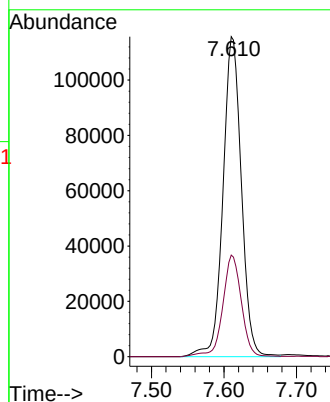
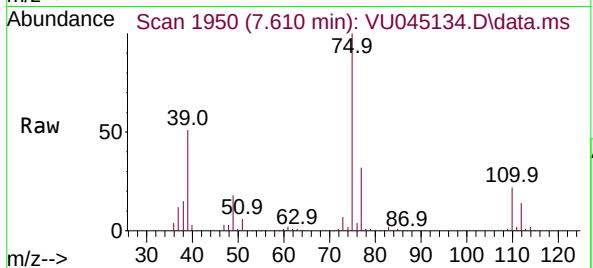




#39
cis-1,3-Dichloropropene
Concen: 54.267 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

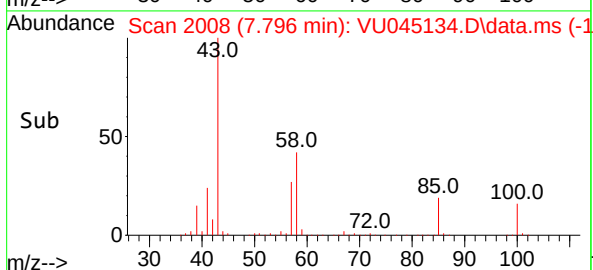
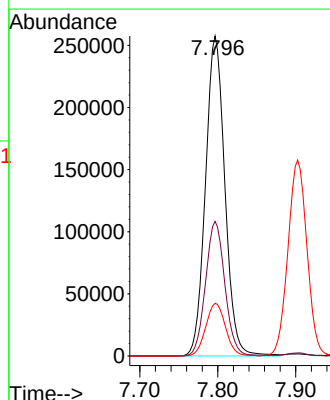
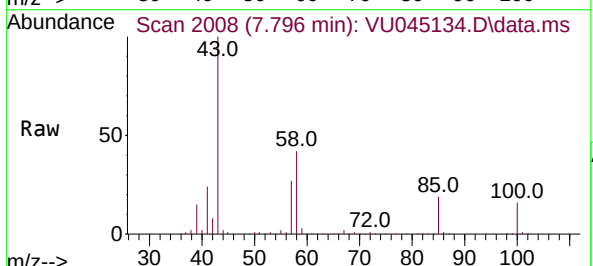
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

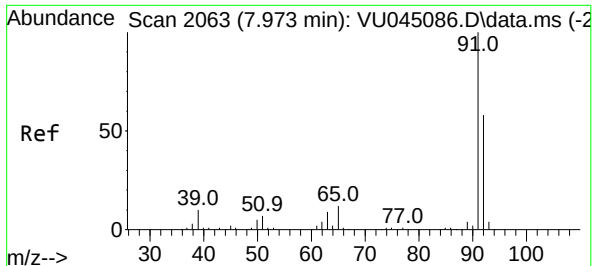
Tgt Ion: 75 Resp: 203653
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 101.625 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 43 Resp: 445247
Ion Ratio Lower Upper
43 100
58 41.9 31.8 47.8
100 16.8 11.8 17.6

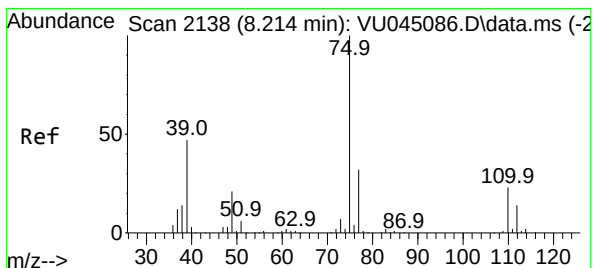
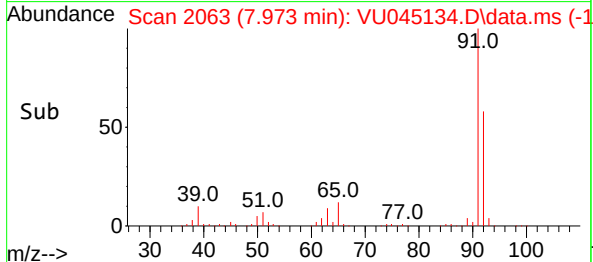
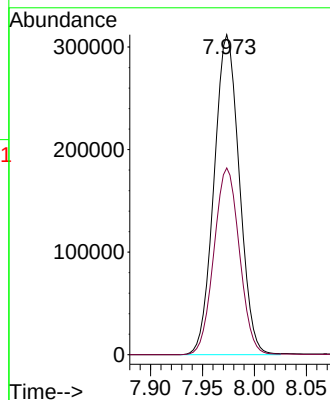
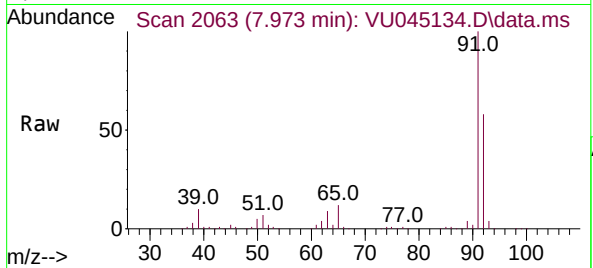




#42
Toluene
Concen: 53.956 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

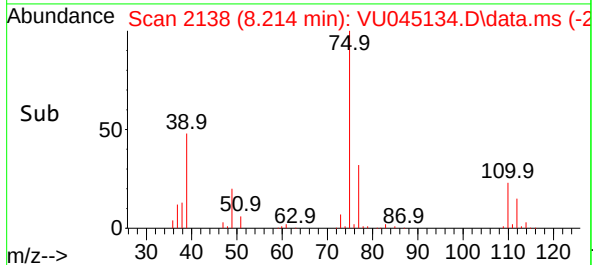
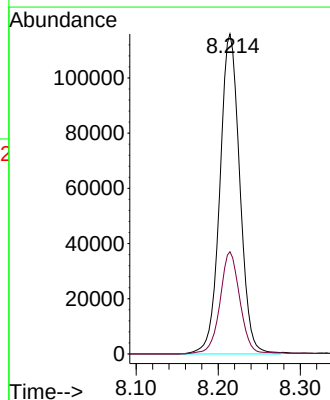
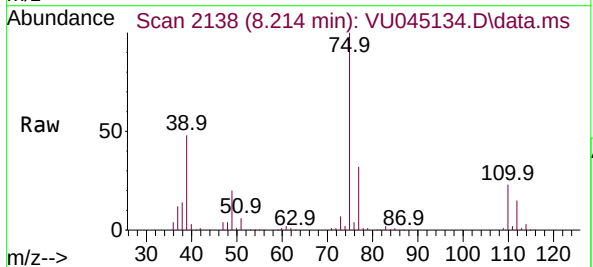
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

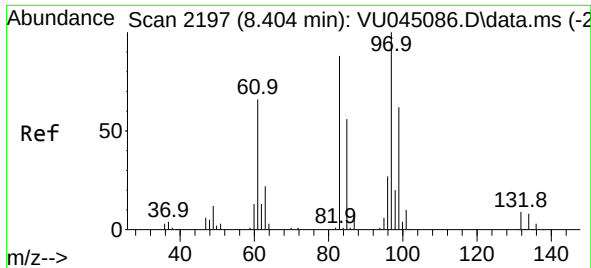
Tgt Ion: 91 Resp: 528098
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 54.871 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 75 Resp: 195800
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3

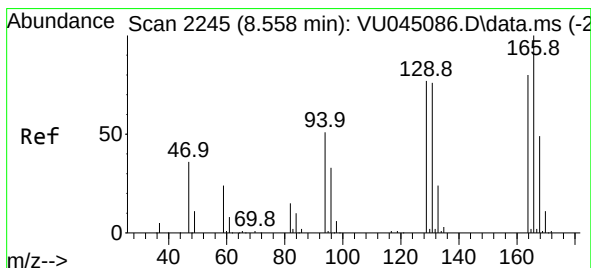
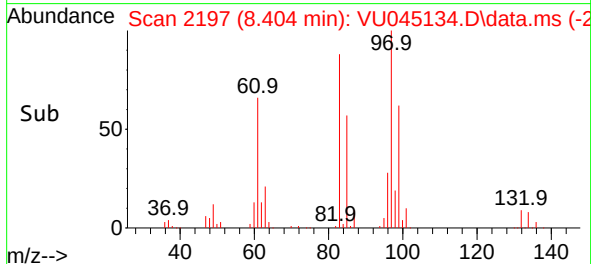
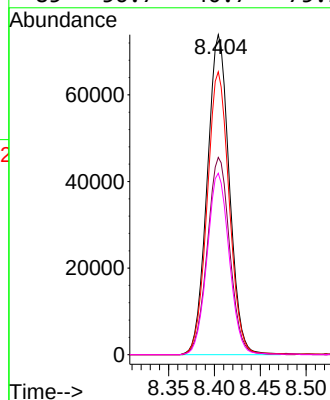
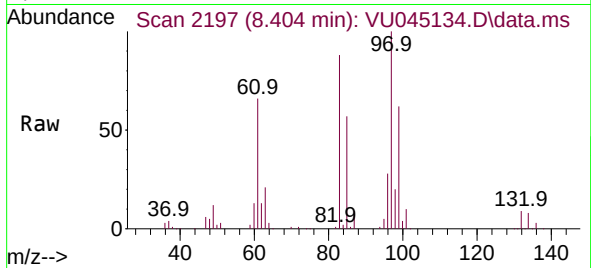




#45
1,1,2-Trichloroethane
Concen: 52.301 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

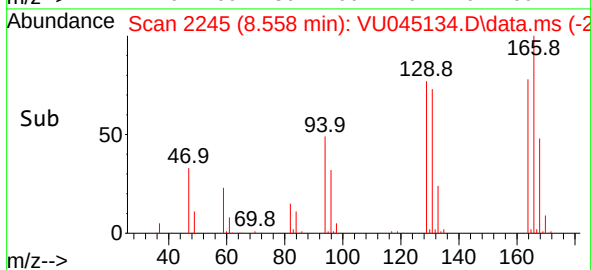
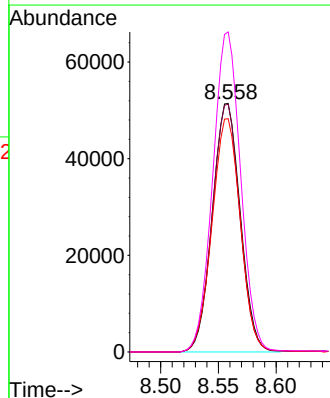
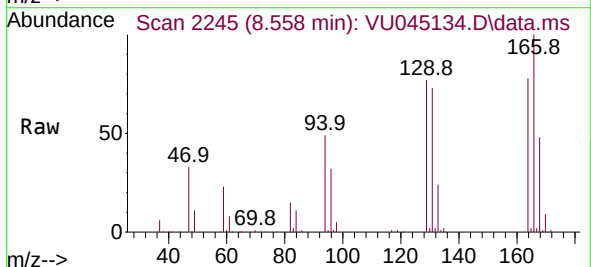
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

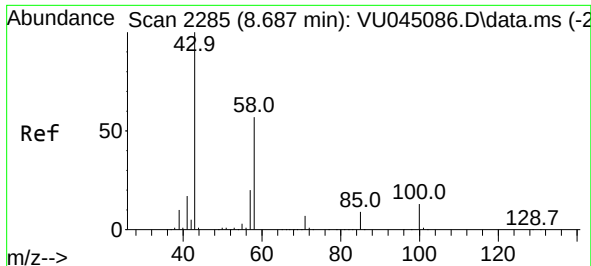
Tgt Ion:	97	Resp:	124314
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.7	81.1
83	88.4	61.9	115.1
85	56.7	40.7	75.5



#46
Tetrachloroethene
Concen: 52.361 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:	164	Resp:	86593
Ion	Ratio	Lower	Upper
164	100		
129	99.8	69.8	129.6
131	93.8	66.4	123.2
166	128.8	91.1	169.3

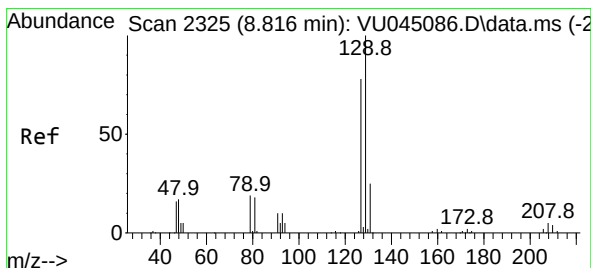
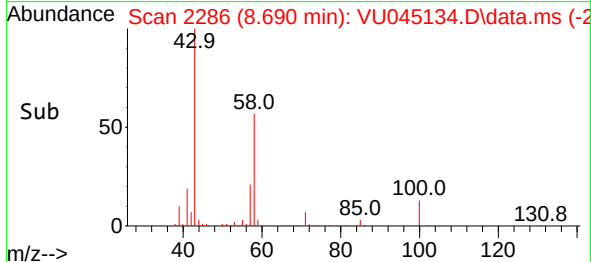
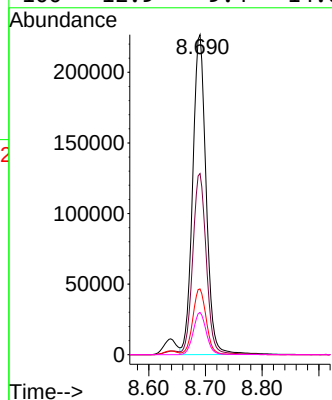
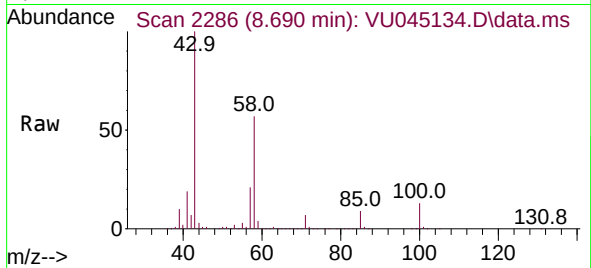




#48
2-Hexanone
Concen: 96.174 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

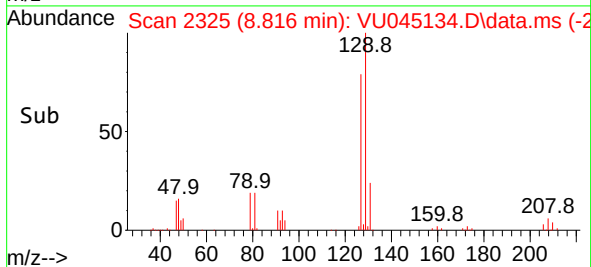
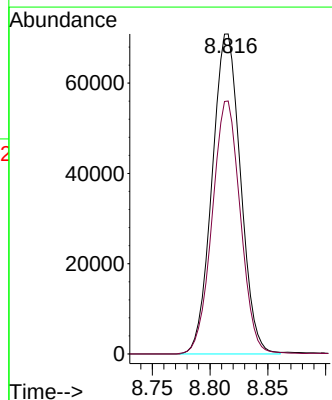
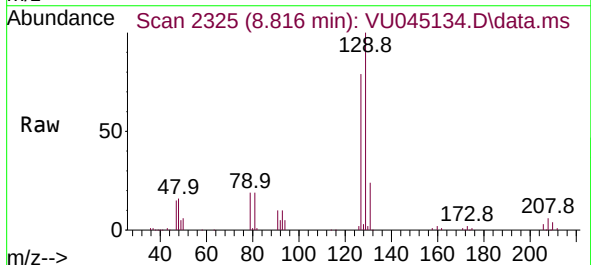
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

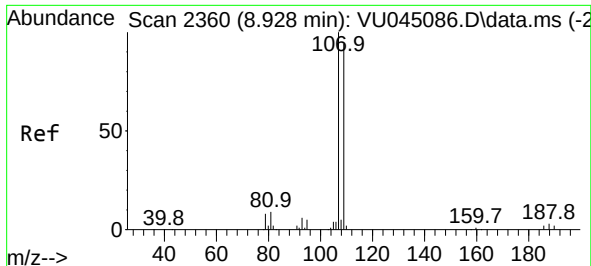
Tgt Ion: 43 Resp: 373655
Ion Ratio Lower Upper
43 100
58 56.3 44.9 67.3
57 20.2 15.5 23.3
100 12.9 9.4 14.0



#49
Dibromochloromethane
Concen: 51.671 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 129 Resp: 121465
Ion Ratio Lower Upper
129 100
127 79.1 54.3 100.8

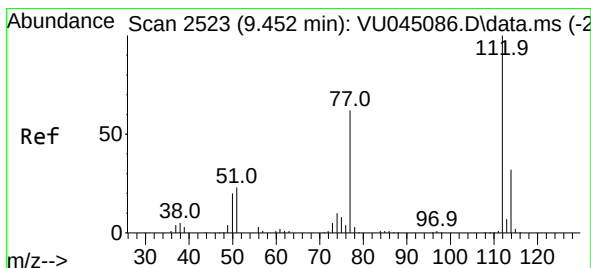
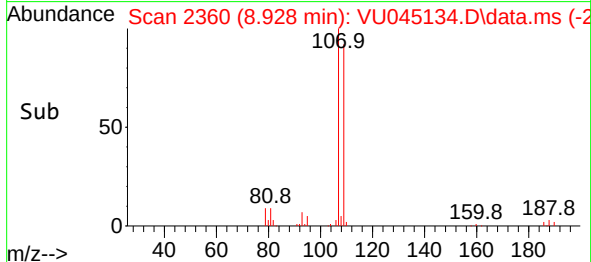
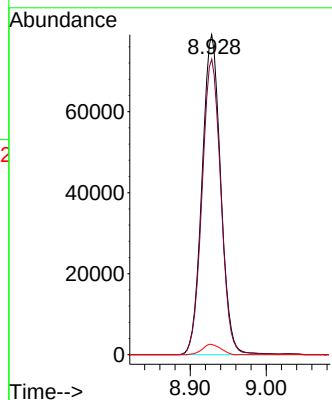
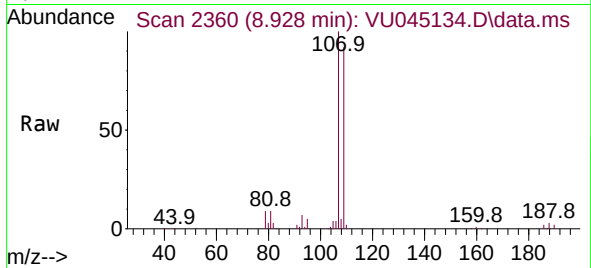




#50
1,2-Dibromoethane
Concen: 54.185 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

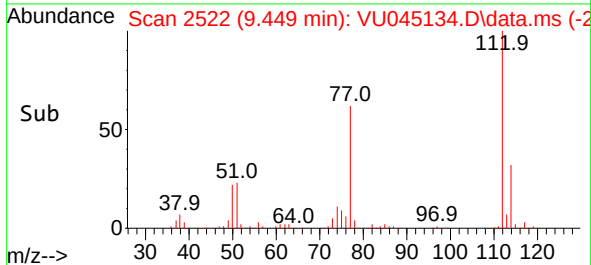
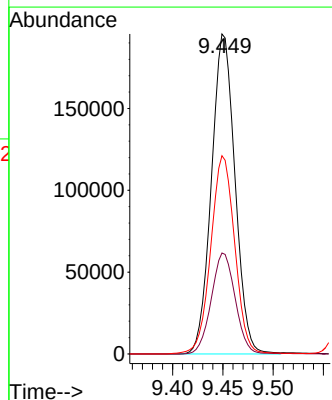
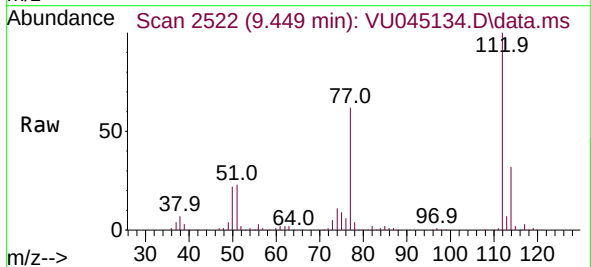
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

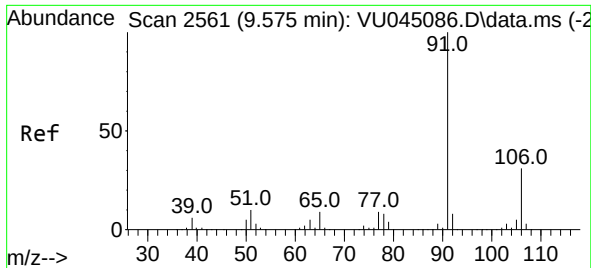
Tgt Ion:107 Resp: 134845
Ion Ratio Lower Upper
107 100
109 92.4 65.5 121.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 52.763 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:112 Resp: 318815
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 62.0 50.6 75.8

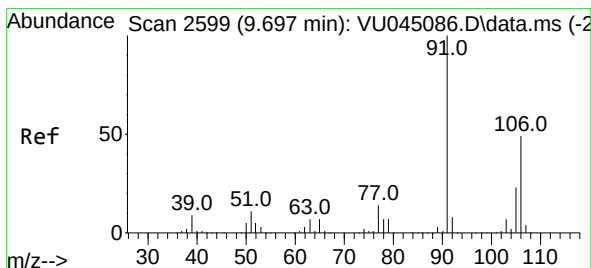
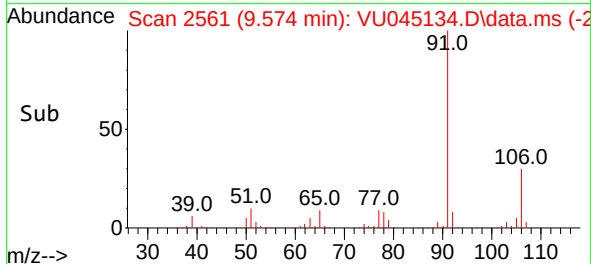
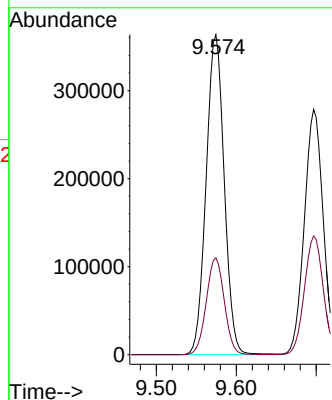
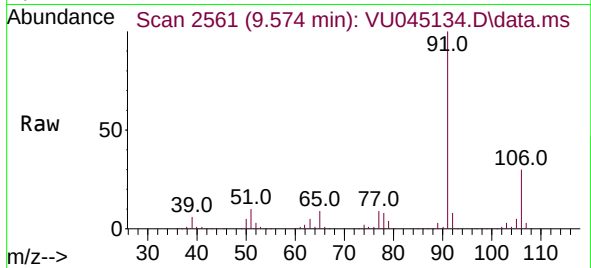




#52
Ethylbenzene
Concen: 55.460 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

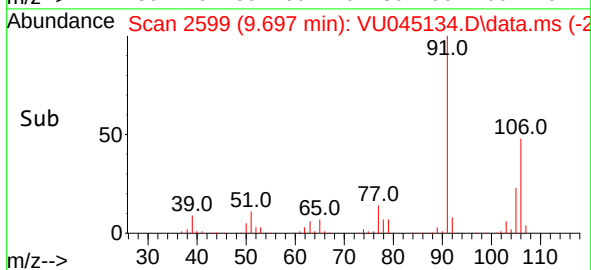
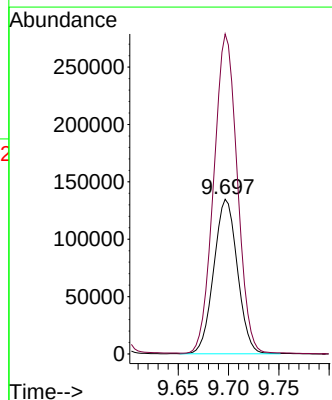
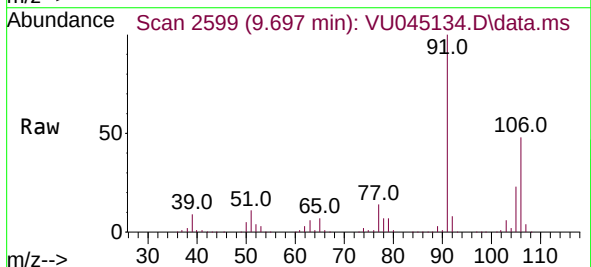
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

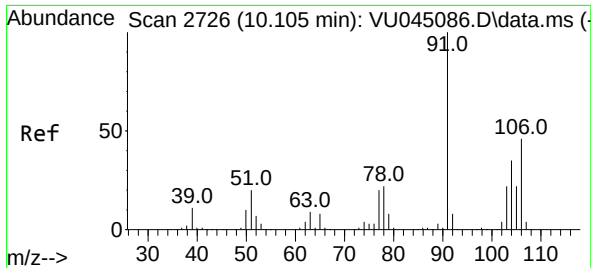
Tgt Ion: 91 Resp: 573434
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 56.079 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 106 Resp: 219657
Ion Ratio Lower Upper
106 100
91 206.8 146.7 272.4

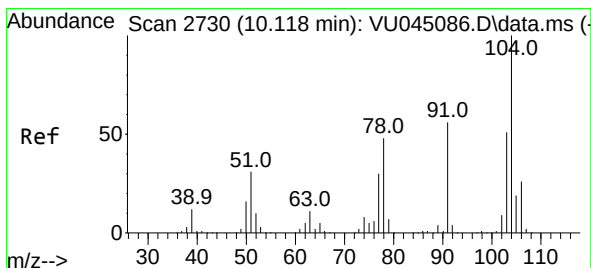
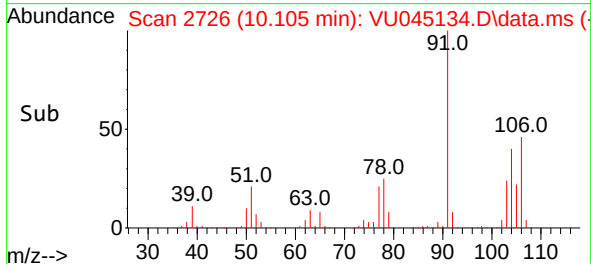
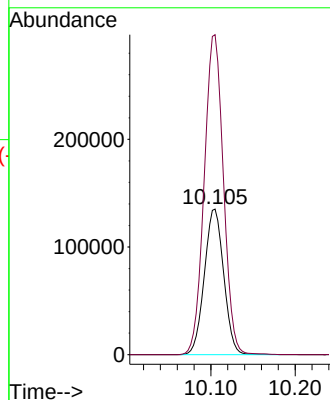
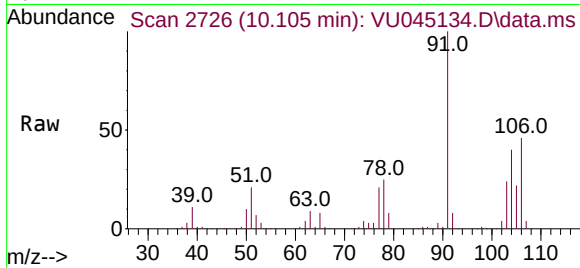




#54
o-xylene
Concen: 56.224 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

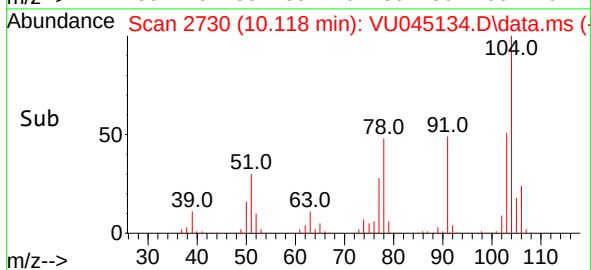
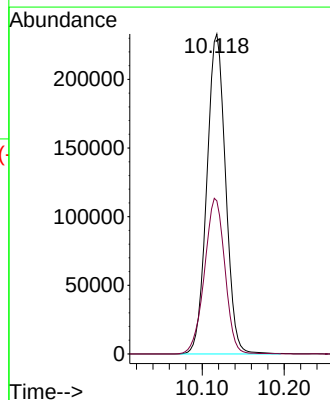
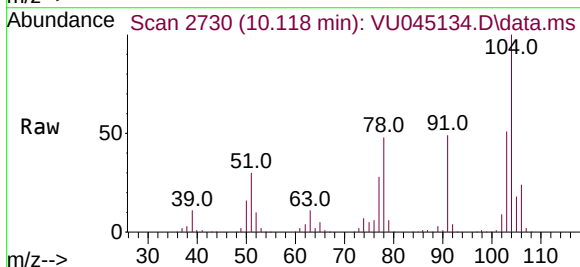
Instrument :
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ClientSampleId :
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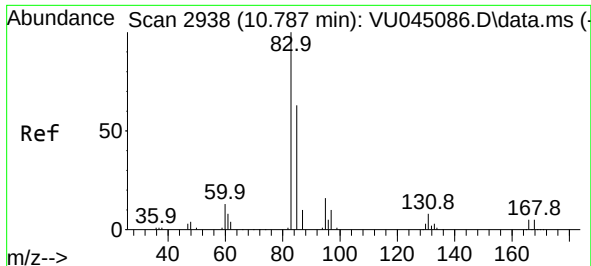
Tgt Ion:106 Resp: 216406
Ion Ratio Lower Upper
106 100
91 219.7 152.9 283.9



#55
Styrene
Concen: 55.895 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:104 Resp: 369975
Ion Ratio Lower Upper
104 100
78 47.9 33.3 61.9

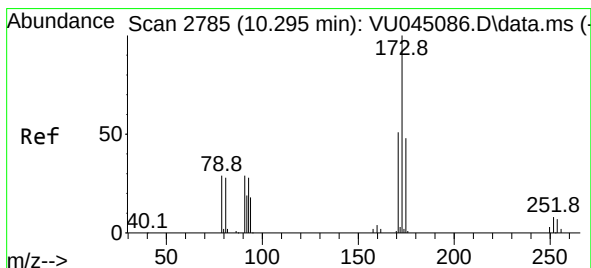
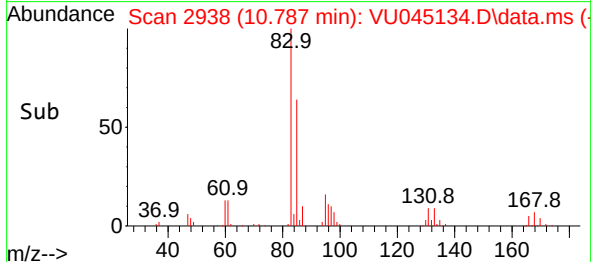
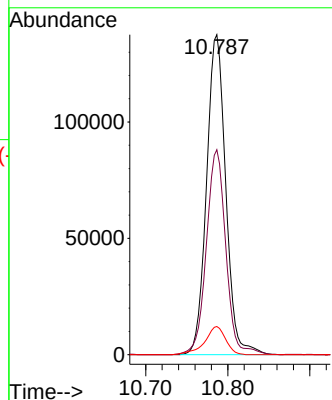
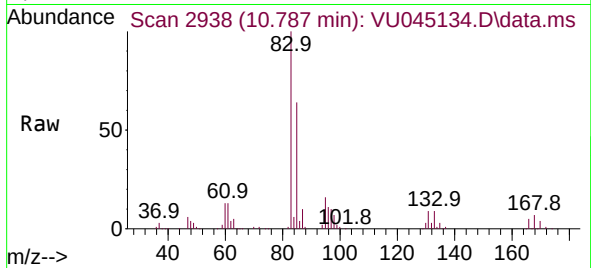




#57
1,1,2,2-Tetrachloroethane
Concen: 49.177 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

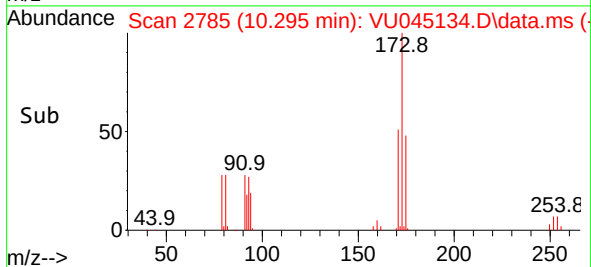
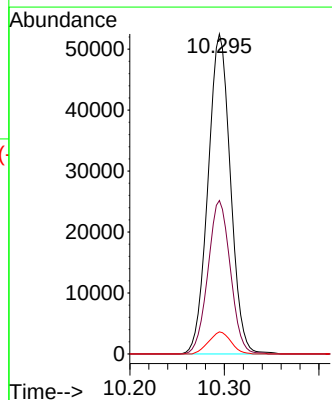
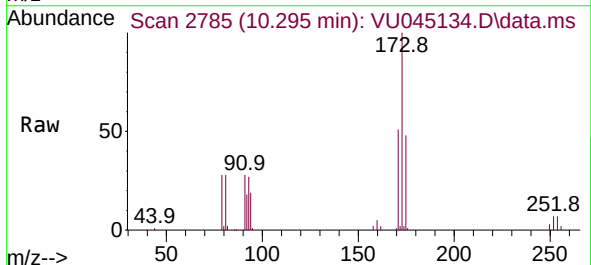
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

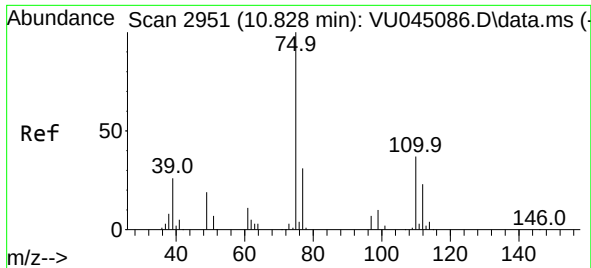
Tgt Ion: 83 Resp: 223811
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7
131 8.8 6.9 10.3



#59
Bromoform
Concen: 53.628 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:173 Resp: 86500
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 6.8 5.3 7.9

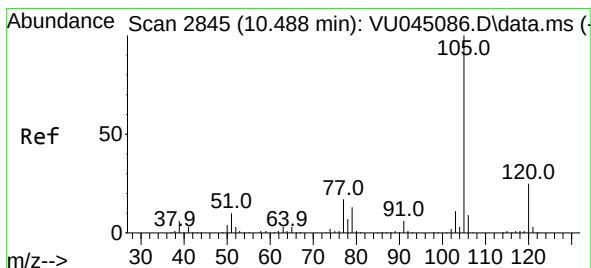
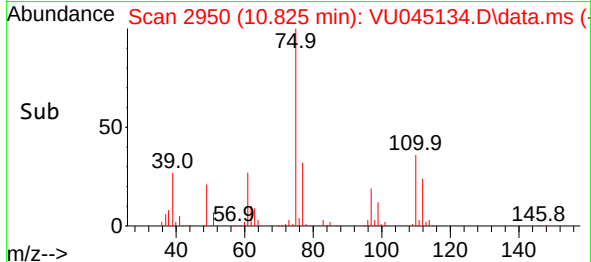
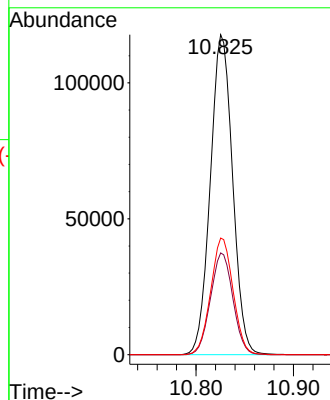
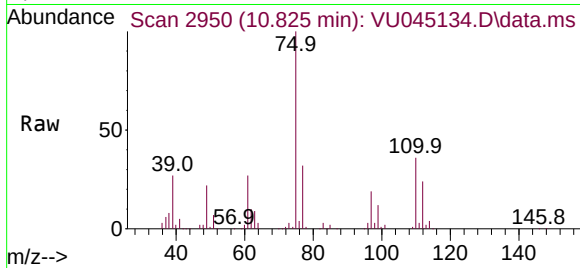




#60
1,2,3-Trichloropropane
Concen: 51.972 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

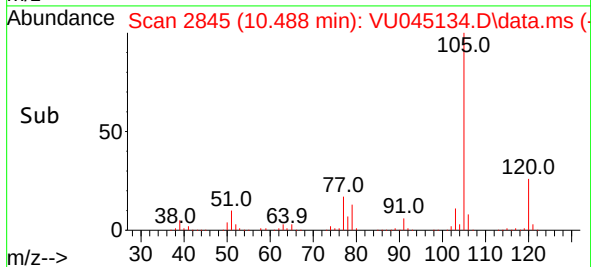
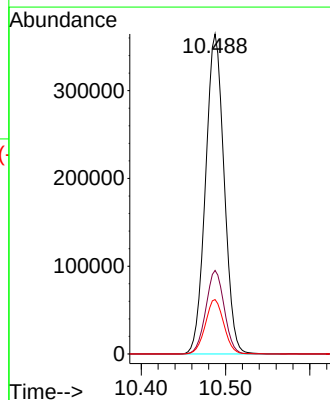
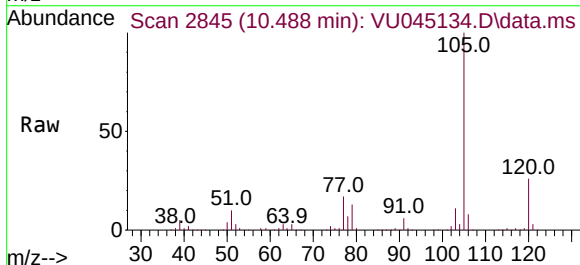
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

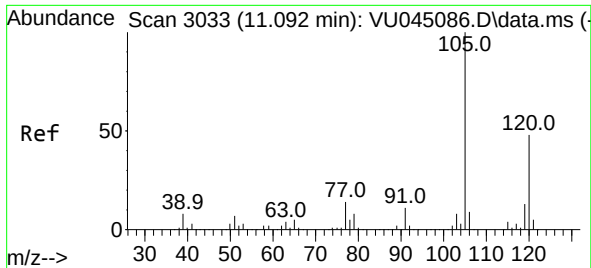
Tgt Ion: 75 Resp: 186948
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 36.6 29.0 43.4



#61
Isopropylbenzene
Concen: 58.750 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 105 Resp: 559190
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 17.0 13.5 20.3

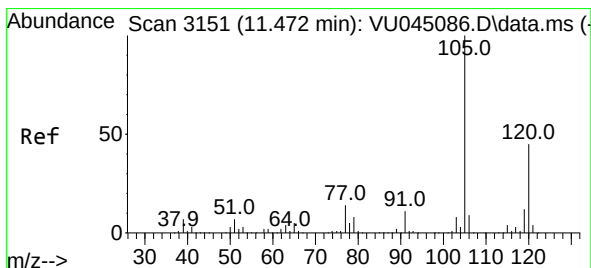
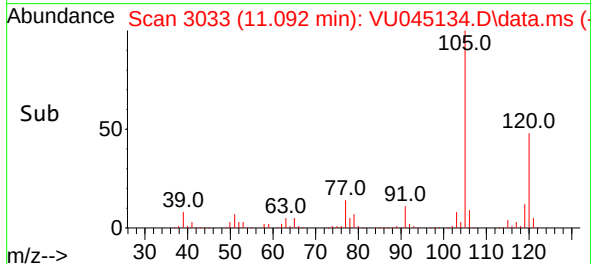
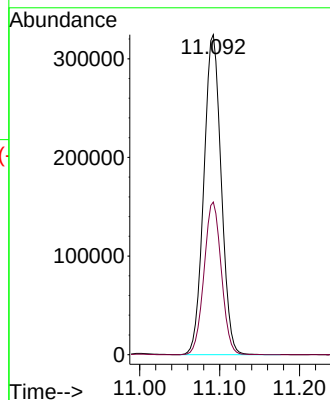
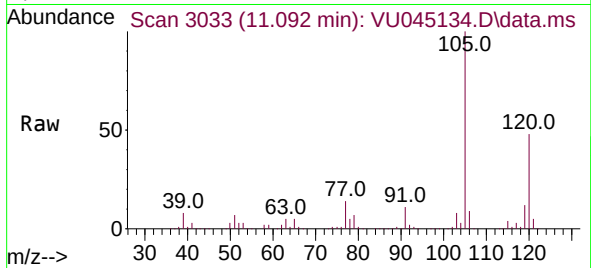




#62
1,3,5-Trimethylbenzene
Concen: 61.670 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

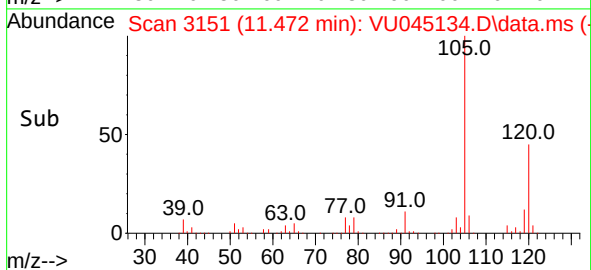
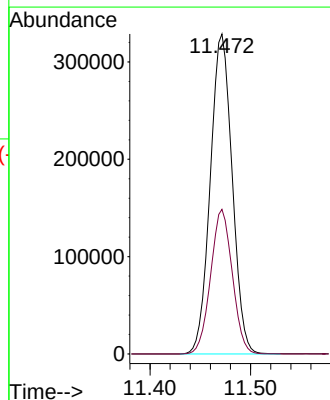
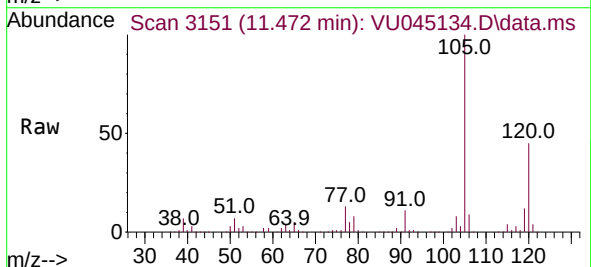
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

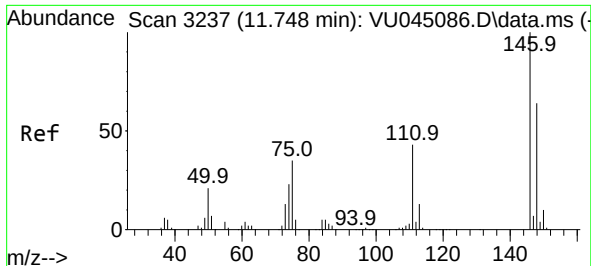
Tgt Ion:105 Resp: 490211
Ion Ratio Lower Upper
105 100
120 47.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 61.063 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:105 Resp: 497039
Ion Ratio Lower Upper
105 100
120 44.7 35.7 53.5

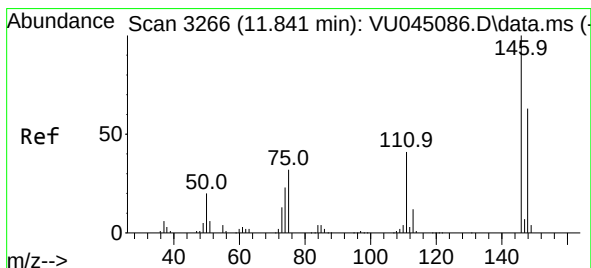
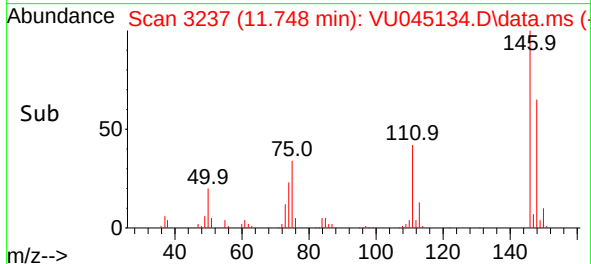
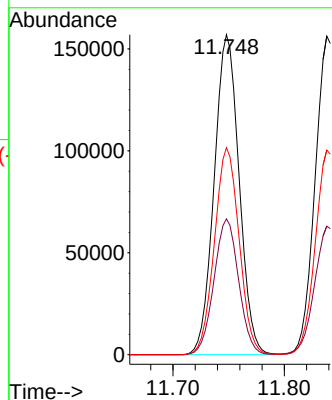
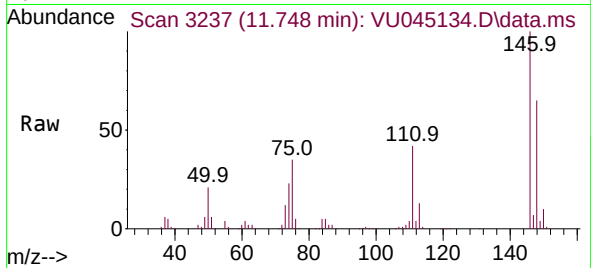




#64
1,3-Dichlorobenzene
Concen: 55.459 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

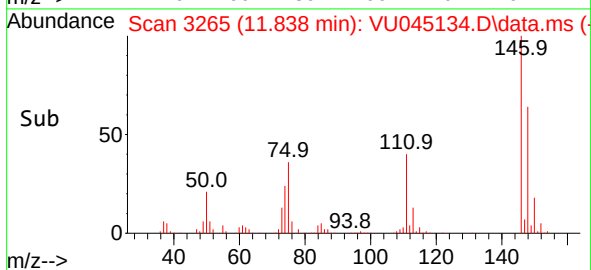
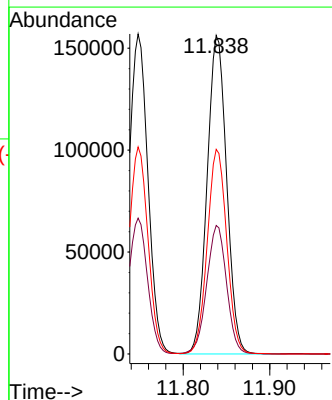
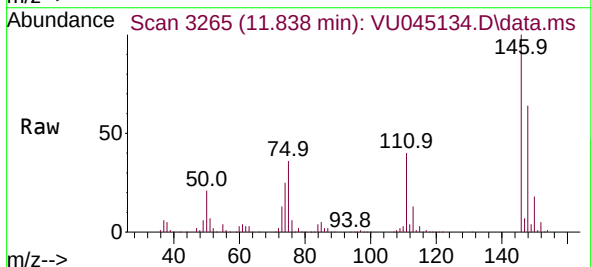
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

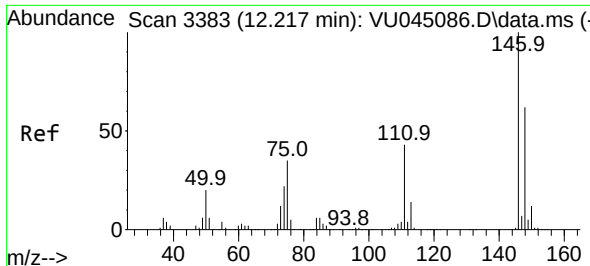
Tgt Ion:146 Resp: 243943
Ion Ratio Lower Upper
146 100
111 42.4 29.0 53.8
148 64.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.188 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:146 Resp: 244552
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 64.2 45.5 84.5

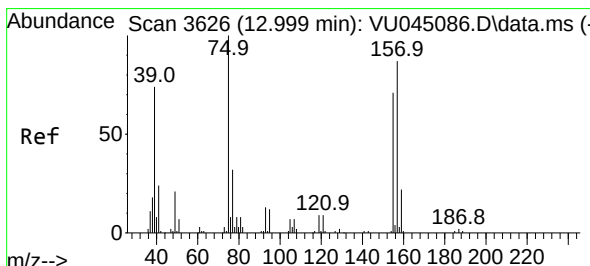
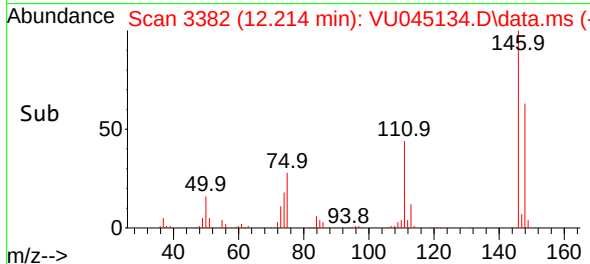
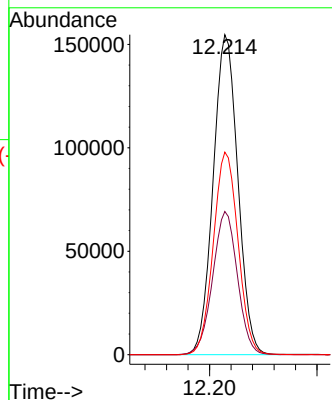
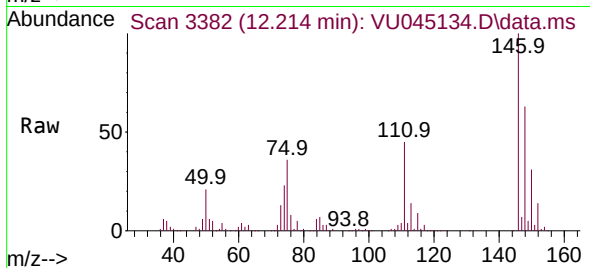




#67
1,2-Dichlorobenzene
Concen: 54.508 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

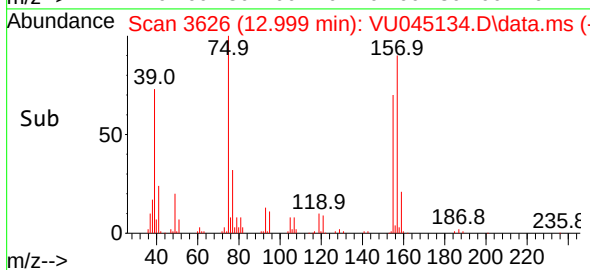
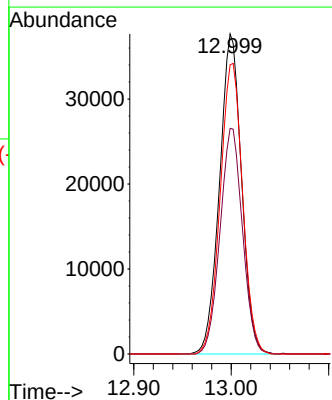
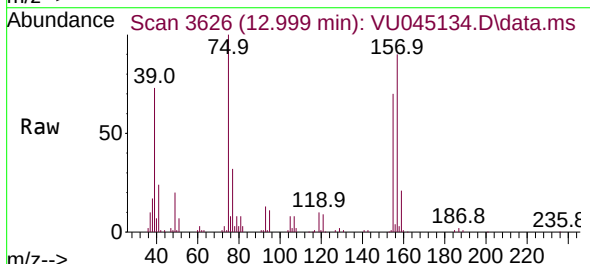
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

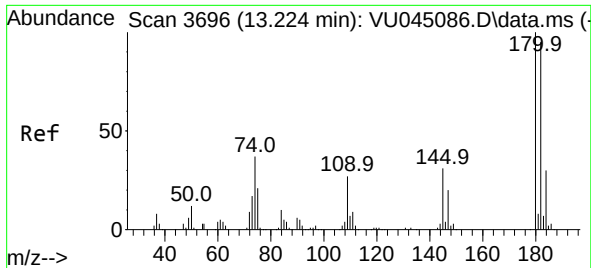
Tgt Ion:146 Resp: 246134
Ion Ratio Lower Upper
146 100
111 44.8 34.7 52.1
148 63.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 57.037 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion: 75 Resp: 58961
Ion Ratio Lower Upper
75 100
155 70.5 58.5 87.7
157 93.7 77.7 116.5

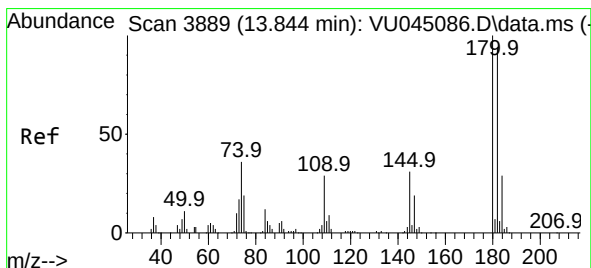
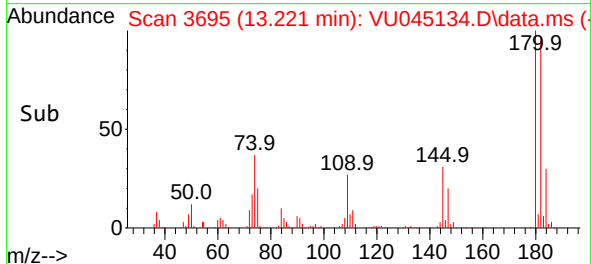
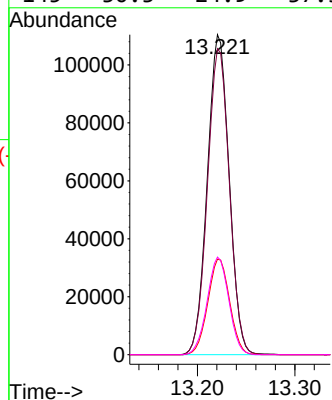
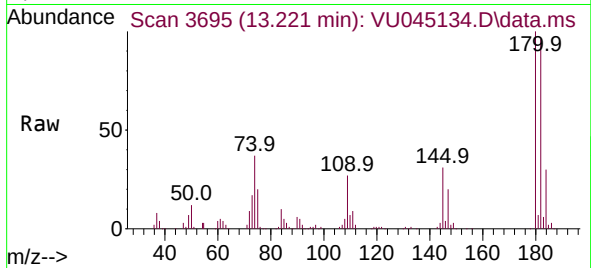




#69
 1,3,5-Trichlorobenzene
 Concen: 56.231 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU045134.D
 Acq: 05 Oct 2021 10:44

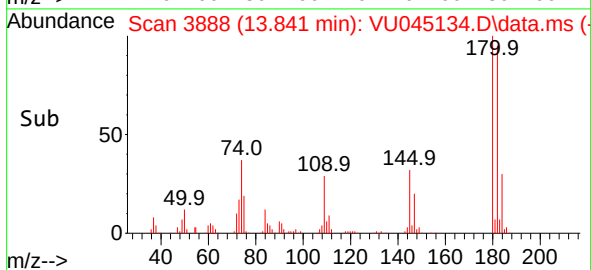
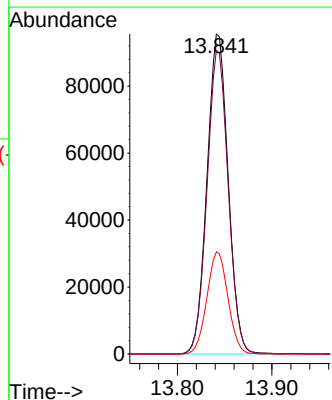
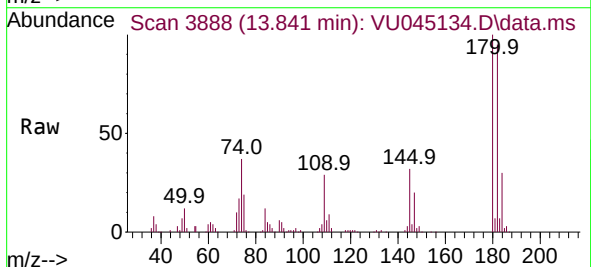
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

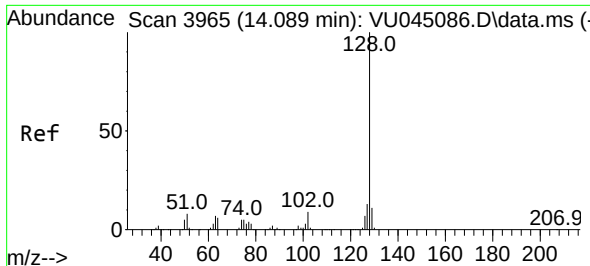
Tgt Ion:180 Resp: 171651
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.8 115.2
 184 29.9 24.4 36.6
 145 30.3 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 58.565 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045134.D
 Acq: 05 Oct 2021 10:44

Tgt Ion:180 Resp: 148559
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 145 31.7 25.4 38.0

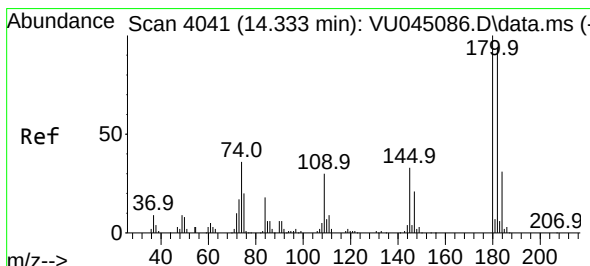
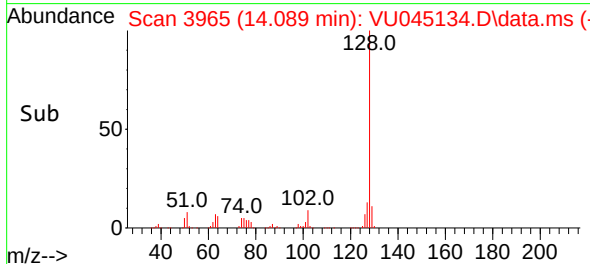
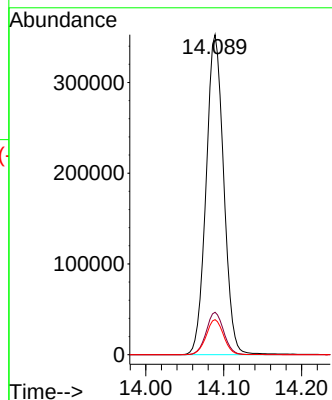
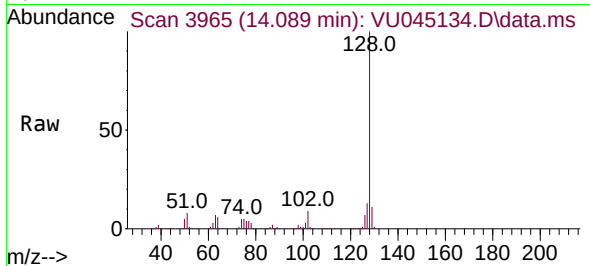




#71
Naphthalene
Concen: 63.001 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

Tgt Ion:128 Resp: 553801
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 58.309 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045134.D
Acq: 05 Oct 2021 10:44

Tgt Ion:180 Resp: 151333
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 33.4 26.5 39.7

