

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054266.D
 Acq On : 25 May 2023 14:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: May 26 06:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.365	168	198411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	317943	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	305942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	168573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	13790	5.302	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	10.600%#
35) Dibromofluoromethane	5.285	113	9797	4.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.560%#
50) Toluene-d8	7.893	98	38913	4.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.000%#
62) 4-Bromofluorobenzene	10.632	95	14728	4.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	10570	4.772	ug/l	99
3) Chloromethane	1.520	50	14022	4.835	ug/l	98
4) Vinyl Chloride	1.604	62	13299	4.806	ug/l	91
5) Bromomethane	1.854	94	7965	5.200	ug/l	98
6) Chloroethane	1.925	64	6564	4.911	ug/l	97
7) Trichlorofluoromethane	2.131	101	18358	4.822	ug/l	95
8) Diethyl Ether	2.375	74	7250	5.144	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.575	101	10453	5.071	ug/l	99
10) Methyl Iodide	2.719	142	8492	5.610	ug/l #	89
11) Tert butyl alcohol	3.253	59	322	0.457	ug/l #	37
12) 1,1-Dichloroethene	2.571	96	10436	4.890	ug/l	95
13) Acrolein	2.485	56	19391	26.530	ug/l	99
14) Allyl chloride	2.919	41	17655	4.771	ug/l	91
15) Acrylonitrile	3.314	53	37492	23.801	ug/l	99
16) Acetone	2.636	43	32652	21.901	ug/l	99
17) Carbon Disulfide	2.787	76	29651	4.701	ug/l	99
18) Methyl Acetate	2.948	43	27248	5.005	ug/l	90
19) Methyl tert-butyl Ether	3.356	73	33572	4.806	ug/l	93
20) Methylene Chloride	3.044	84	13768	5.119	ug/l	93
21) trans-1,2-Dichloroethene	3.349	96	11577	5.067	ug/l	99
22) Diisopropyl ether	3.986	45	31789	4.847	ug/l	97
23) Vinyl Acetate	3.954	43	111830	23.367	ug/l	98
24) 1,1-Dichloroethane	3.864	63	21729	5.174	ug/l	99
25) 2-Butanone	4.710	43	46094	23.351	ug/l	93
26) 2,2-Dichloropropane	4.658	77	17974	4.897	ug/l	93
27) cis-1,2-Dichloroethene	4.661	96	12787	5.031	ug/l	95
28) Bromochloromethane	4.967	49	10252	5.275	ug/l	85
29) Tetrahydrofuran	5.057	42	31089	25.056	ug/l	93
30) Chloroform	5.083	83	21157	4.956	ug/l	93
31) Cyclohexane	5.375	56	20872	5.683	ug/l #	85
32) 1,1,1-Trichloroethane	5.311	97	18828	5.080	ug/l	96
36) 1,1-Dichloropropene	5.523	75	15894	4.942	ug/l	94
37) Ethyl Acetate	4.806	43	25124	6.410	ug/l #	91
38) Carbon Tetrachloride	5.517	117	16133	4.901	ug/l	98
39) Methylcyclohexane	6.754	83	18088	4.966	ug/l #	89
40) Benzene	5.767	78	46056	5.021	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleId :
 VSTDICC005

Quant Time: May 26 06:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	8812	4.973	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	16707	5.014	ug/l	98
43) Isopropyl Acetate	5.909	43	27547	5.096	ug/l	98
44) Trichloroethene	6.539	130	12299	4.796	ug/l	93
45) 1,2-Dichloropropane	6.787	63	12136	5.071	ug/l	98
46) Dibromomethane	6.912	93	8879	5.041	ug/l	94
47) Bromodichloromethane	7.102	83	15842	4.809	ug/l	99
48) Methyl methacrylate	6.960	41	11247	4.691	ug/l	93
49) 1,4-Dioxane	6.996	88	6657	96.182	ug/l #	72
51) 4-Methyl-2-Pentanone	7.790	43	85149	23.602	ug/l	98
52) Toluene	7.963	92	28607	4.891	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	17670	4.688	ug/l	97
54) cis-1,3-Dichloropropene	7.603	75	18574	4.722	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	12267	5.061	ug/l	98
56) Ethyl methacrylate	8.330	69	16901	4.684	ug/l	94
57) 1,3-Dichloropropane	8.571	76	20680	4.954	ug/l	98
59) 2-Hexanone	8.684	43	66950	23.492	ug/l	95
60) Dibromochloromethane	8.803	129	11458	4.653	ug/l	97
61) 1,2-Dibromoethane	8.918	107	13060	4.951	ug/l	99
64) Tetrachloroethene	8.552	164	11412	4.956	ug/l	98
65) Chlorobenzene	9.442	112	31474	4.921	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.529	131	11317	4.877	ug/l	98
67) Ethyl Benzene	9.565	91	51990	4.755	ug/l	96
68) m/p-Xylenes	9.690	106	40174	9.693	ug/l	97
69) o-Xylene	10.095	106	18262	4.552	ug/l	87
70) Styrene	10.111	104	29176	4.385	ug/l	96
71) Bromoform	10.285	173	9663	4.792	ug/l #	93
73) Isopropylbenzene	10.478	105	48794	4.674	ug/l	97
74) N-amyl acetate	10.317	43	19609	4.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	21928	5.191	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	23253	4.696	ug/l	99
77) Bromobenzene	10.780	156	13949	4.866	ug/l	90
78) n-propylbenzene	10.902	91	58369	4.564	ug/l	96
79) 2-Chlorotoluene	10.983	91	37745	4.875	ug/l	93
80) 1,3,5-Trimethylbenzene	11.082	105	41061	4.625	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	5426	4.200	ug/l	96
82) 4-Chlorotoluene	11.095	91	42109	4.635	ug/l	96
83) tert-Butylbenzene	11.413	119	40657	4.579	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	40557	4.592	ug/l	97
85) sec-Butylbenzene	11.639	105	51173	4.543	ug/l	99
86) p-Isopropyltoluene	11.790	119	41516	4.382	ug/l	95
87) 1,3-Dichlorobenzene	11.741	146	26587	4.790	ug/l	97
88) 1,4-Dichlorobenzene	11.831	146	28938	5.088	ug/l	95
89) n-Butylbenzene	12.204	91	40495	4.540	ug/l	98
90) Hexachloroethane	12.471	117	7507	4.478	ug/l	92
91) 1,2-Dichlorobenzene	12.211	146	26861	4.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	4548	4.721	ug/l	92
93) 1,2,4-Trichlorobenzene	13.838	180	16083	5.655	ug/l	95
94) Hexachlorobutadiene	14.015	225	8449	5.445	ug/l	98
95) Naphthalene	14.082	128	48727	5.766	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	16640	5.477	ug/l	97

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Acq On : 25 May 2023 14:21
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

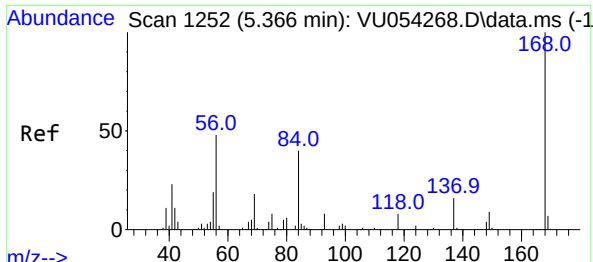
Quant Time: May 26 06:00:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 05:59:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

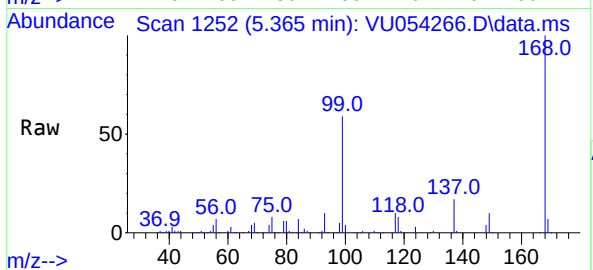
Quant Time: May 26 06:00:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 05:59:02 2023
Response via : Initial Calibration



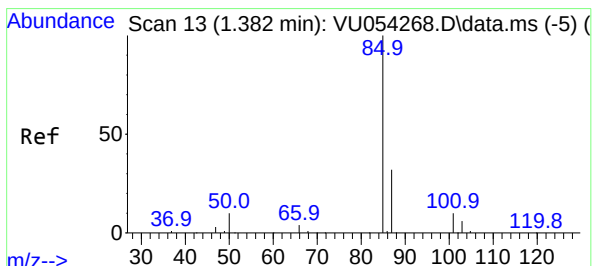
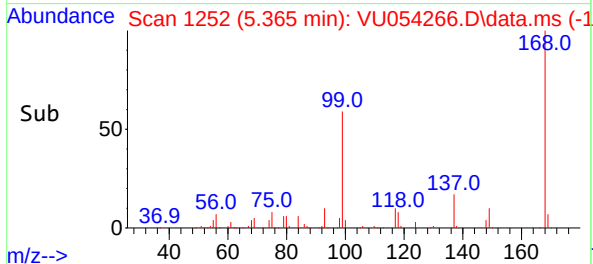
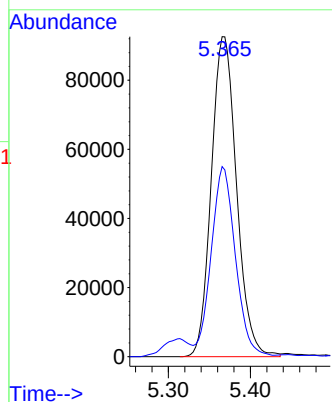


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.365 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

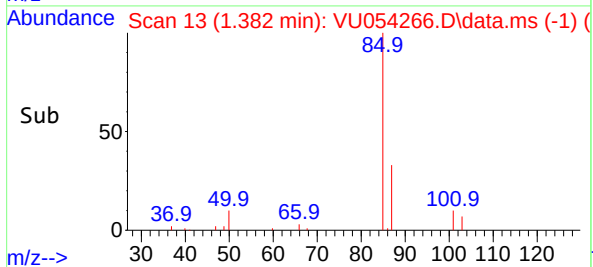
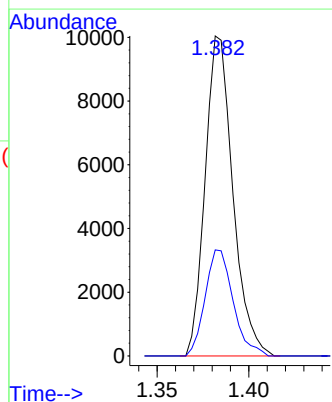
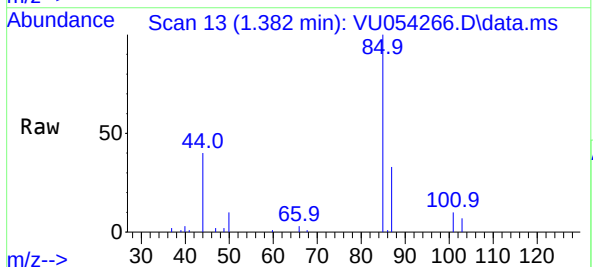


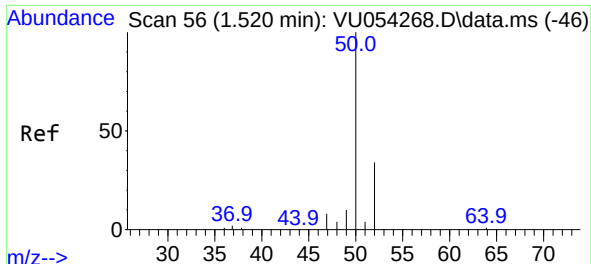
Tgt Ion:168 Resp: 198411
Ion Ratio Lower Upper
168 100
99 58.8 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 4.772 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 85 Resp: 10570
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

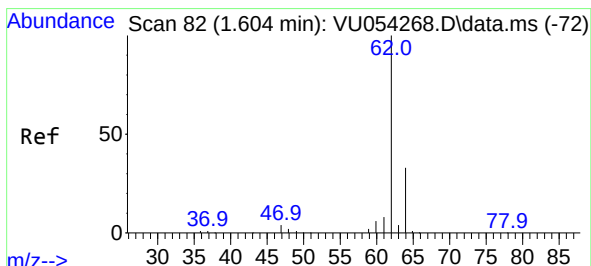
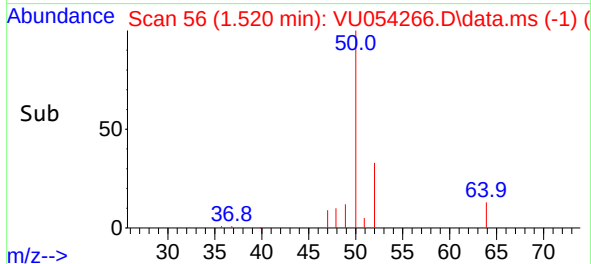
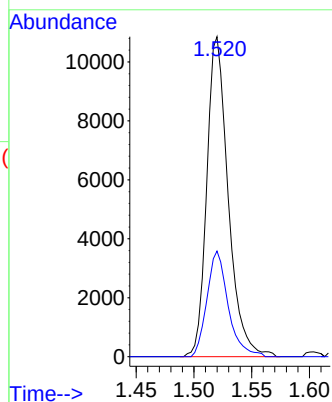
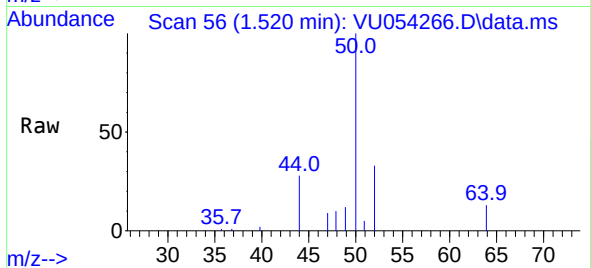




#3
Chloromethane
Concen: 4.835 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

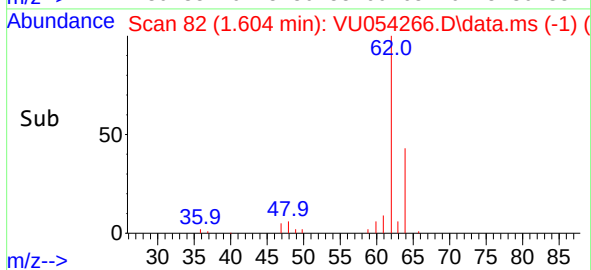
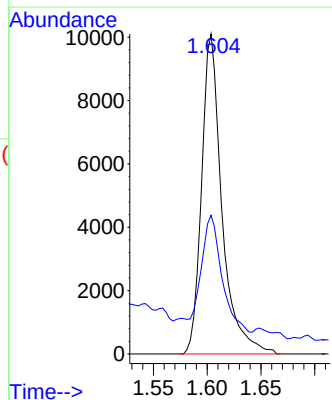
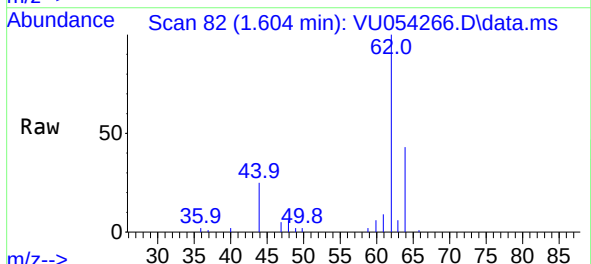
Instrument :
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ClientSampleId :
VSTDIC005

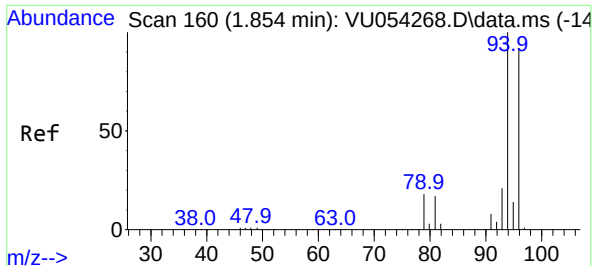
Tgt Ion: 50 Resp: 14022
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.2



#4
Vinyl Chloride
Concen: 4.806 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 62 Resp: 13299
Ion Ratio Lower Upper
62 100
64 36.8 25.3 37.9

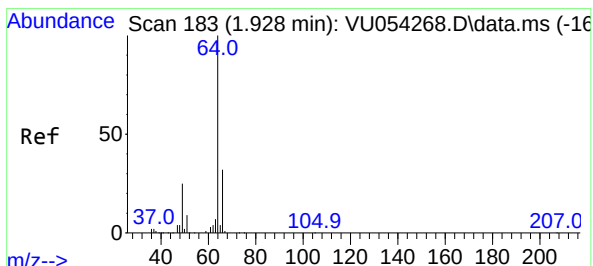
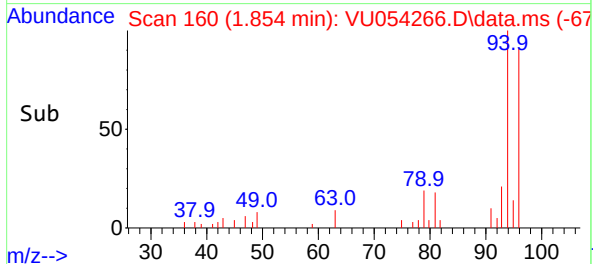
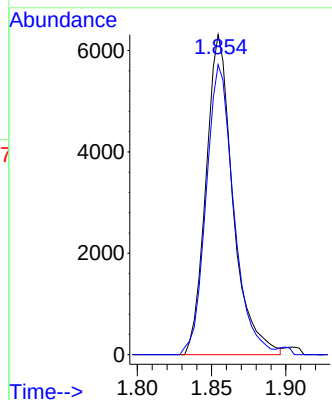
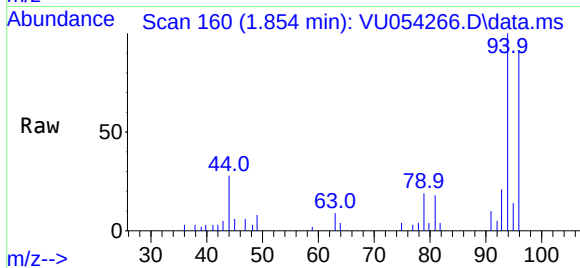




#5
Bromomethane
Concen: 5.200 ug/l
RT: 1.854 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

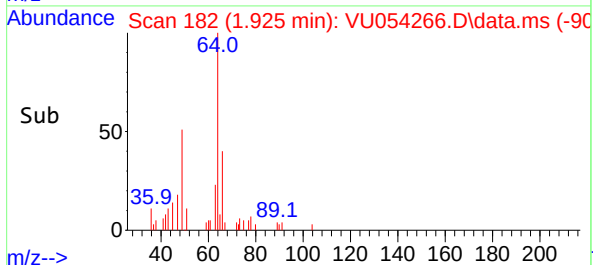
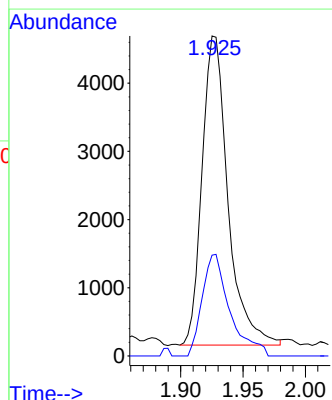
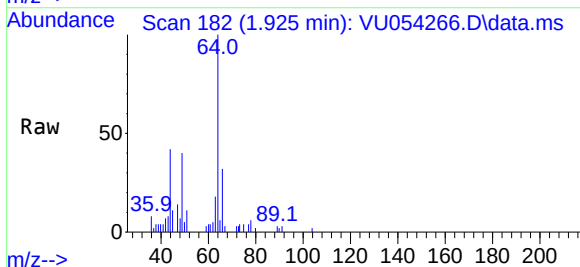
Instrument :
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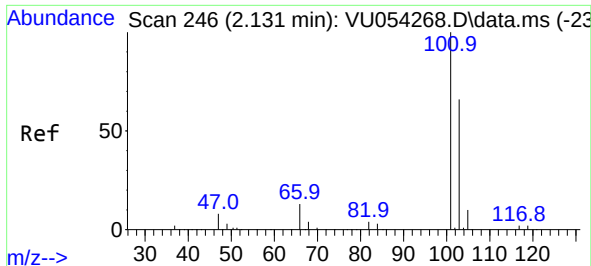
Tgt Ion: 94 Resp: 7965
Ion Ratio Lower Upper
94 100
96 90.6 73.7 110.5



#6
Chloroethane
Concen: 4.911 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 64 Resp: 6564
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1

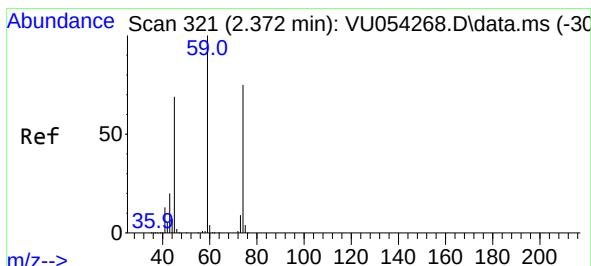
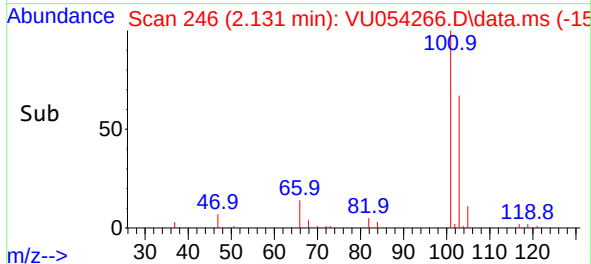
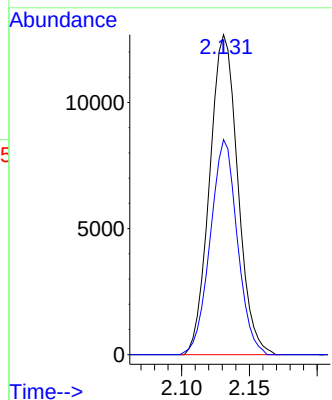
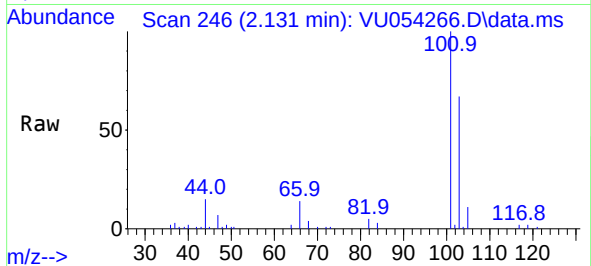




#7
Trichlorofluoromethane
Concen: 4.822 ug/l
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

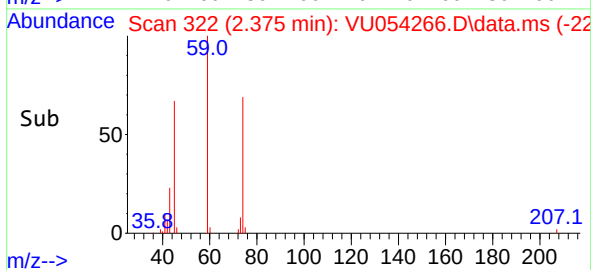
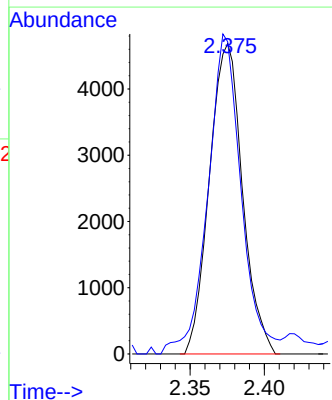
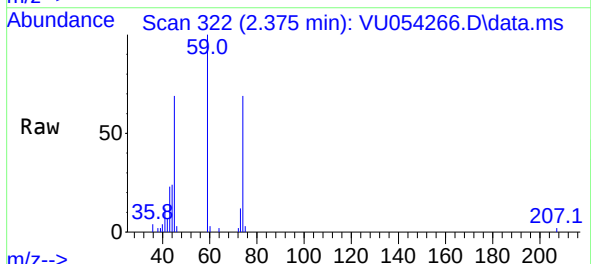
Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:101 Resp: 18358
Ion Ratio Lower Upper
101 100
103 67.2 50.6 75.8

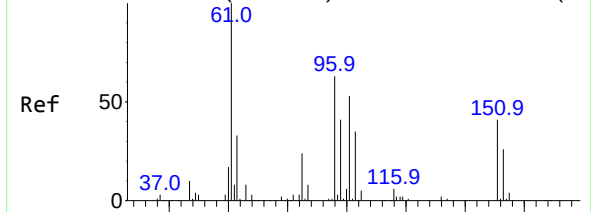


#8
Diethyl Ether
Concen: 5.144 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 74 Resp: 7250
Ion Ratio Lower Upper
74 100
45 103.4 44.4 133.2

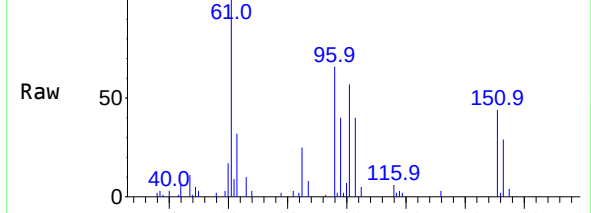


Abundance Scan 384 (2.575 min): VU054268.D\data.ms (-36



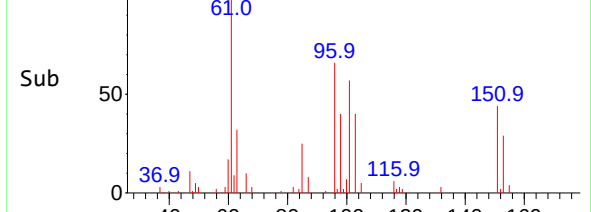
m/z-->

Abundance Scan 384 (2.575 min): VU054266.D\data.ms



m/z-->

Abundance Scan 384 (2.575 min): VU054266.D\data.ms (-29



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.071 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:101 Resp: 10453

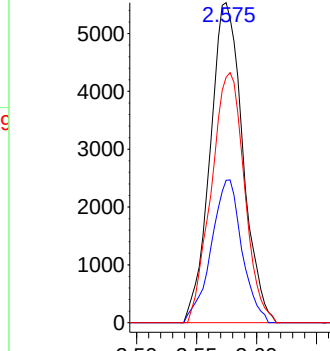
Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

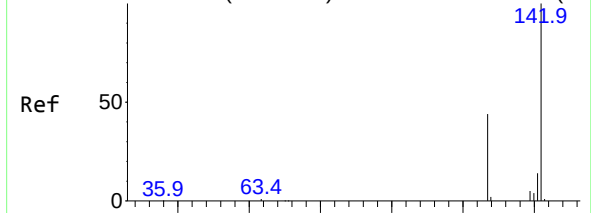
151 79.1 64.0 96.0

Abundance



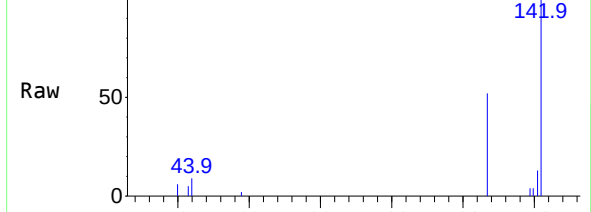
Time-->

Abundance Scan 428 (2.716 min): VU054268.D\data.ms (-41



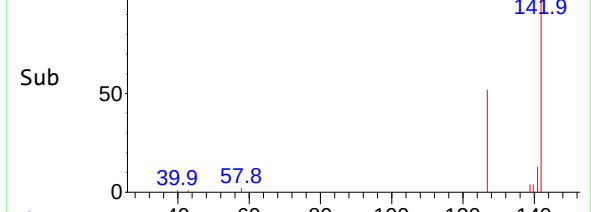
m/z-->

Abundance Scan 429 (2.719 min): VU054266.D\data.ms



m/z-->

Abundance Scan 429 (2.719 min): VU054266.D\data.ms (-33



m/z-->

#10

Methyl Iodide

Concen: 5.610 ug/l

RT: 2.719 min Scan# 429

Delta R.T. 0.003 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Tgt Ion:142 Resp: 8492

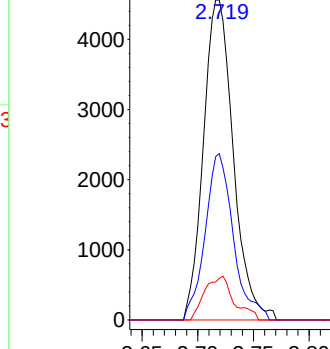
Ion Ratio Lower Upper

142 100

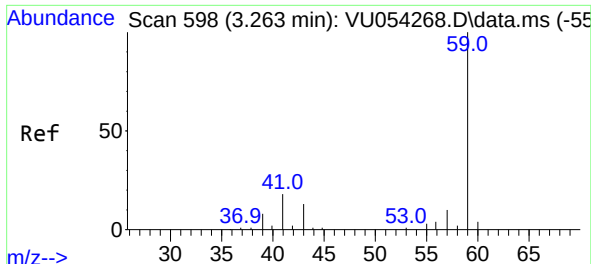
127 49.2 32.5 48.7#

141 13.4 11.4 17.0

Abundance



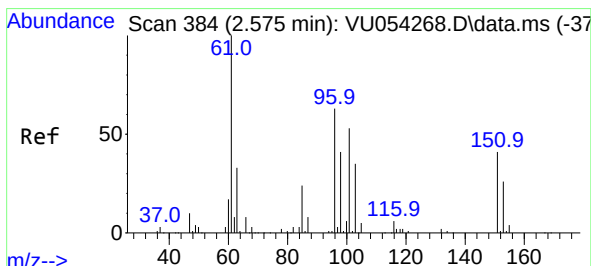
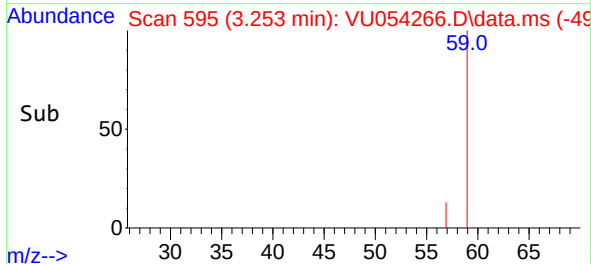
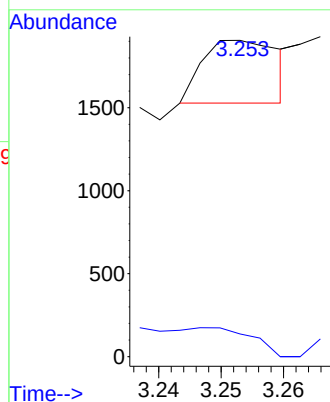
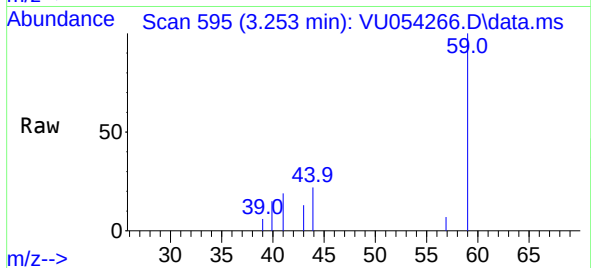
Time-->



#11
Tert butyl alcohol
Concen: 0.457 ug/l
RT: 3.253 min Scan# 59
Delta R.T. 0.010 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

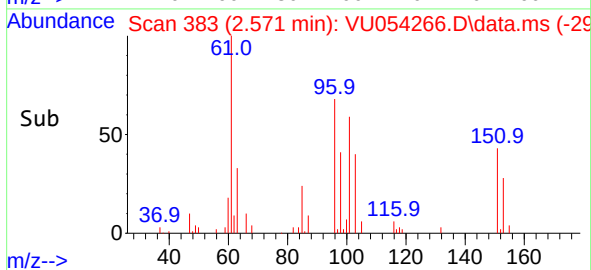
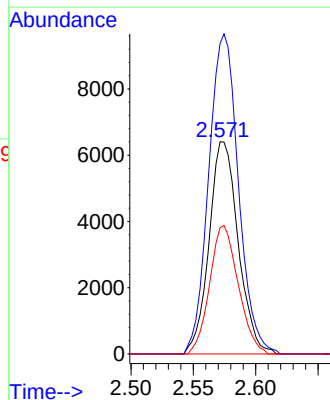
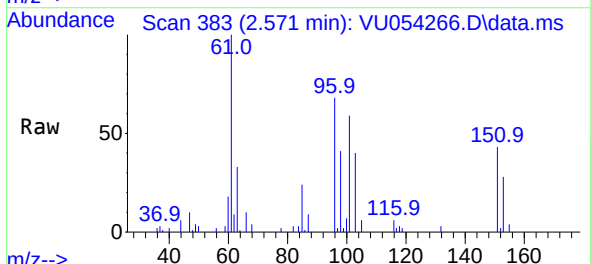
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

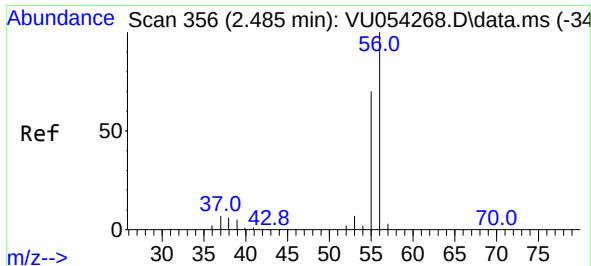
Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 4.890 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 96 Resp: 10436
Ion Ratio Lower Upper
96 100
61 146.3 122.2 183.2
98 59.5 50.7 76.1





#13

Acrolein

Concen: 26.530 ug/l

RT: 2.485 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

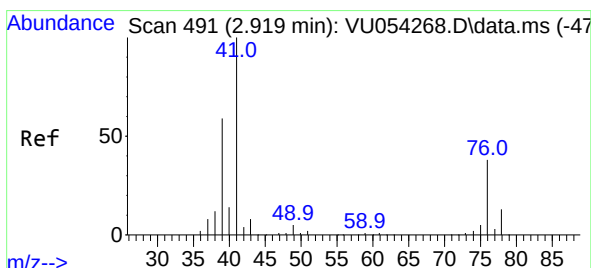
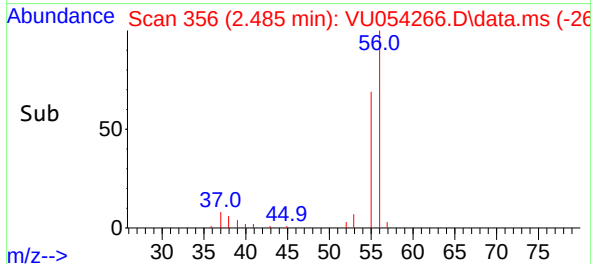
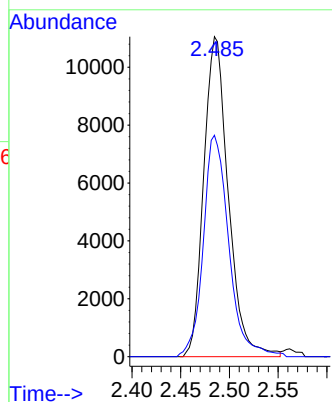
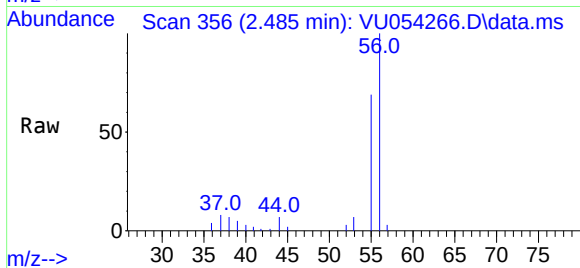
VSTDICC005

Tgt Ion: 56 Resp: 19391

Ion Ratio Lower Upper

56 100

55 71.8 56.6 85.0



#14

Allyl chloride

Concen: 4.771 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

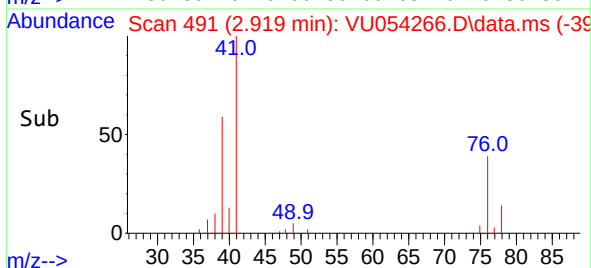
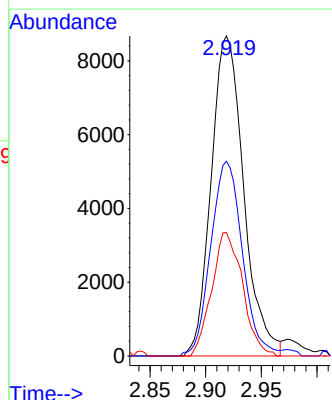
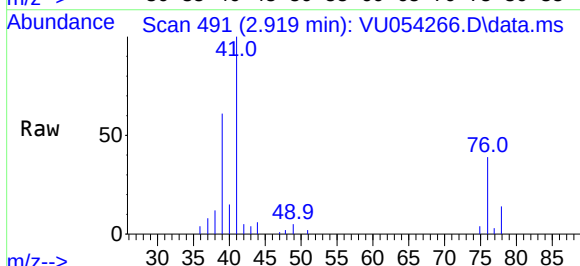
Tgt Ion: 41 Resp: 17655

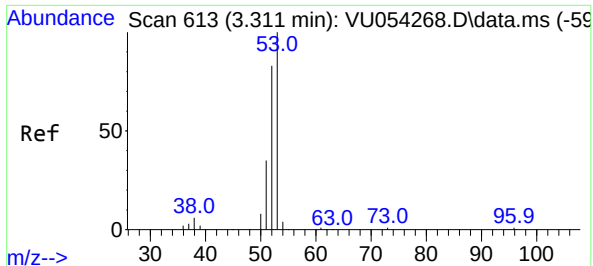
Ion Ratio Lower Upper

41 100

39 59.1 53.4 80.2

76 36.5 33.8 50.6

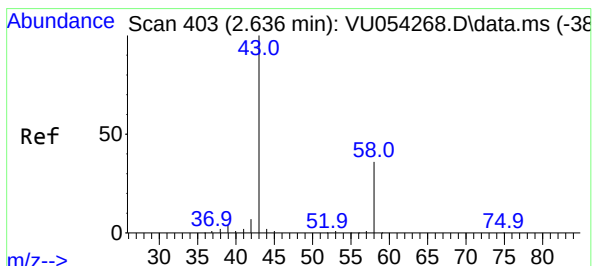
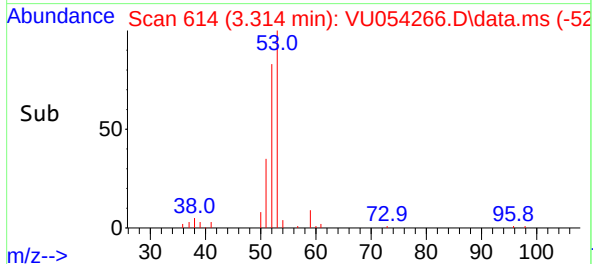
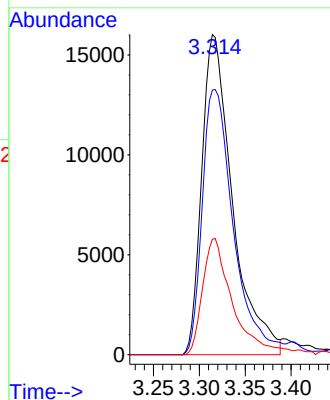
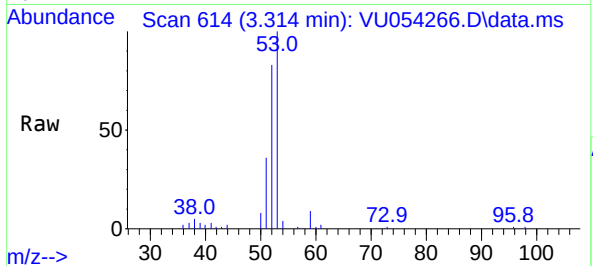




#15
Acrylonitrile
Concen: 23.801 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

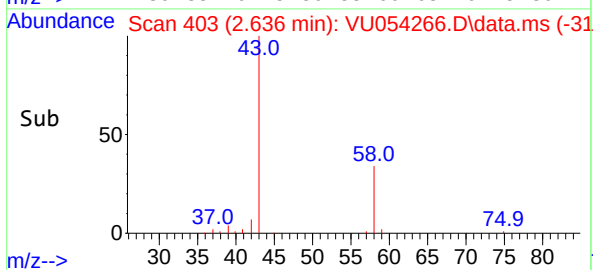
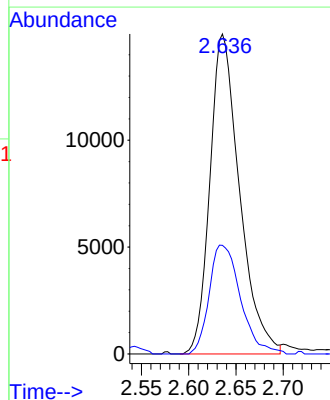
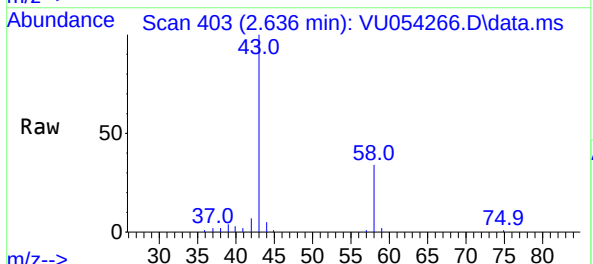
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

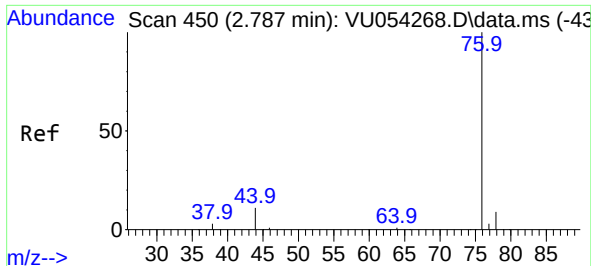
Tgt Ion:	53	Resp:	37492
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.7	98.5
51	35.2	28.2	42.4



#16
Acetone
Concen: 21.901 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:	43	Resp:	32652
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.5	41.3

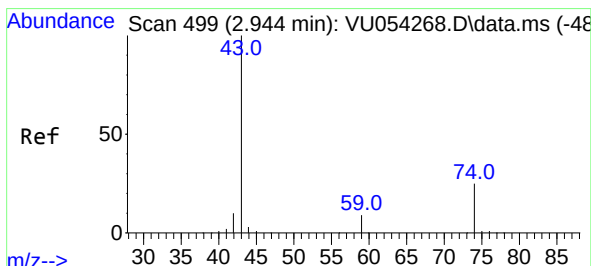
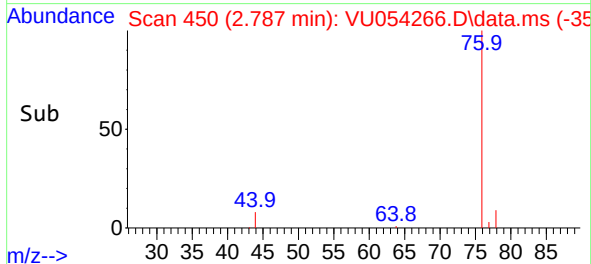
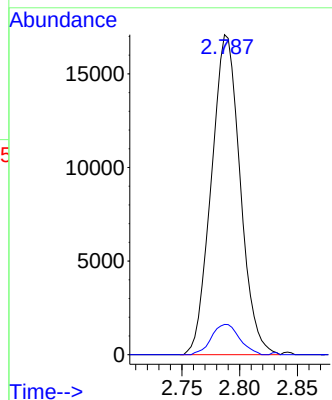
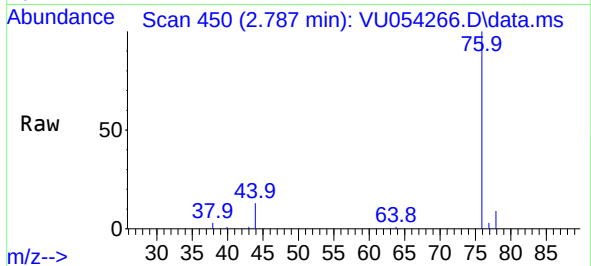




#17
Carbon Disulfide
Concen: 4.701 ug/l
RT: 2.787 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

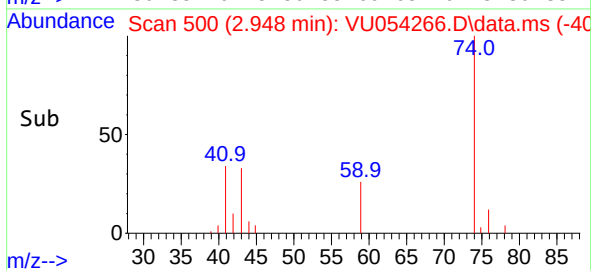
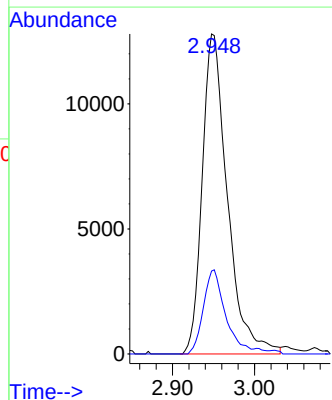
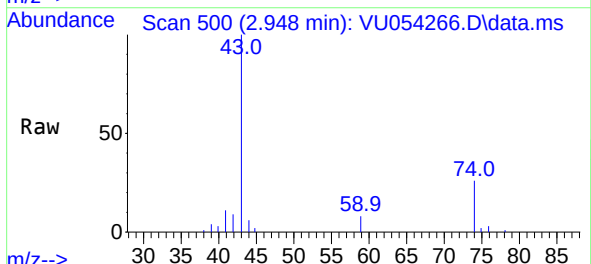
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

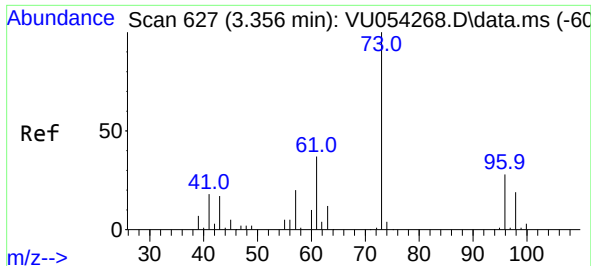
Tgt Ion: 76 Resp: 29651
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 5.005 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 43 Resp: 27248
Ion Ratio Lower Upper
43 100
74 23.1 22.5 33.7

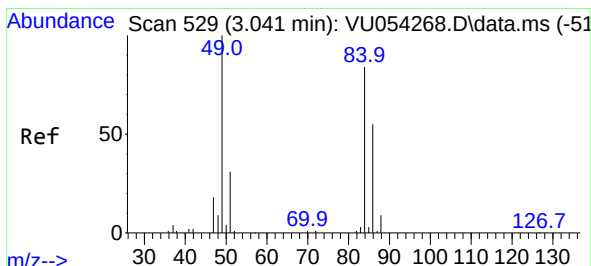
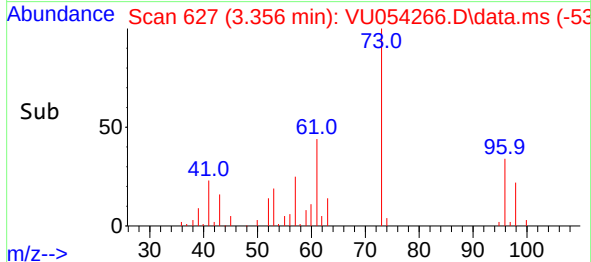
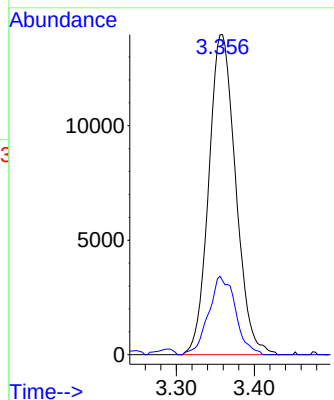
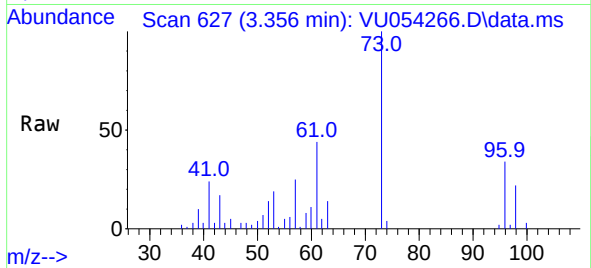




#19
Methyl tert-butyl Ether
Concen: 4.806 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

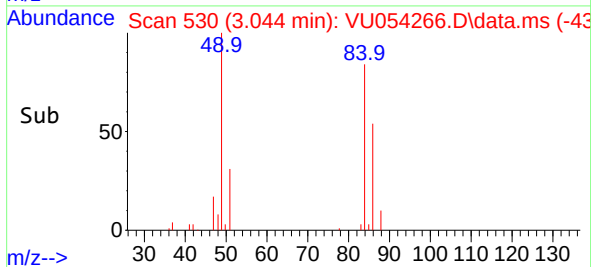
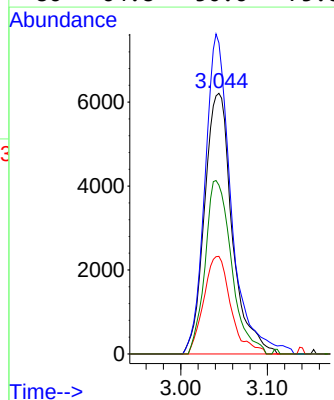
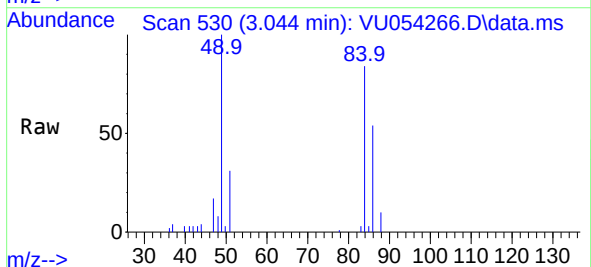
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

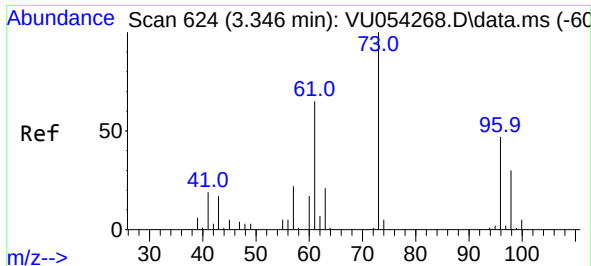
Tgt Ion: 73 Resp: 33572
Ion Ratio Lower Upper
73 100
57 24.5 17.1 25.7



#20
Methylene Chloride
Concen: 5.119 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 84 Resp: 13768
Ion Ratio Lower Upper
84 100
49 119.3 86.6 129.8
51 37.4 26.6 40.0
86 64.8 50.6 75.8

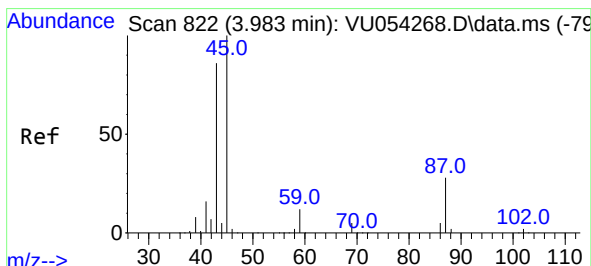
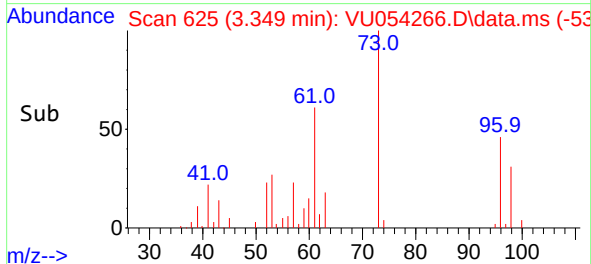
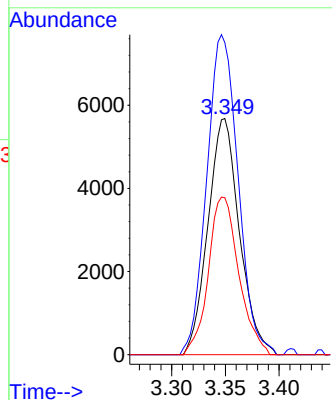
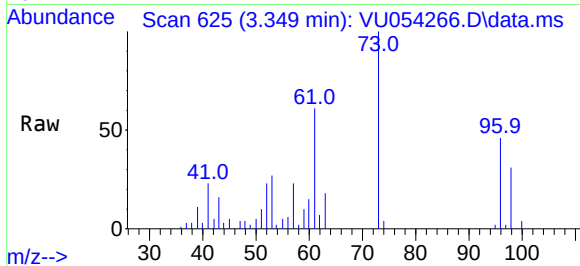




#21
trans-1,2-Dichloroethene
Concen: 5.067 ug/l
RT: 3.349 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

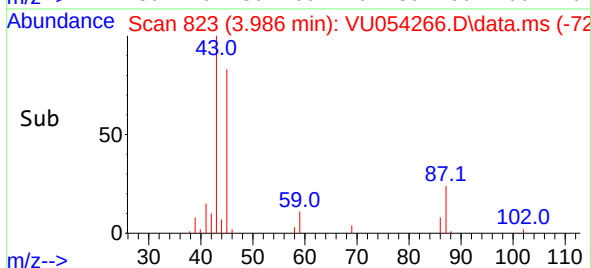
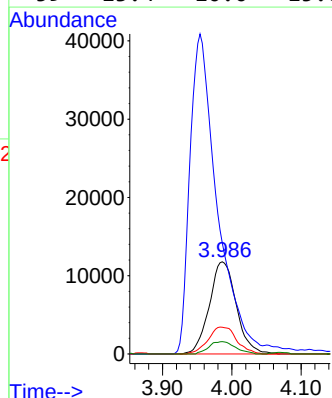
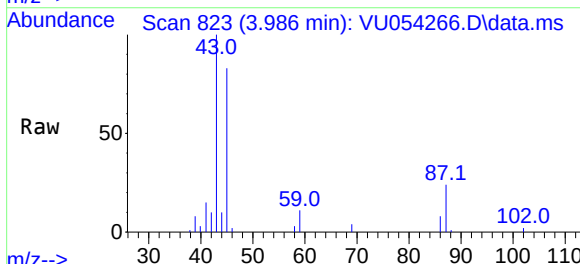
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

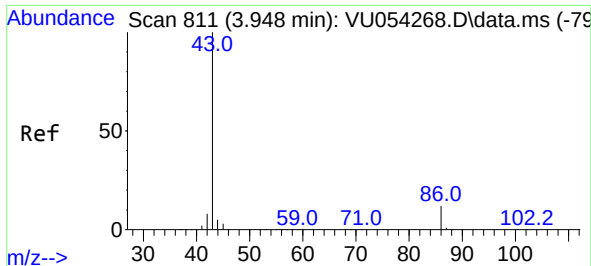
Tgt Ion: 96 Resp: 11577
Ion Ratio Lower Upper
96 100
61 132.1 106.1 159.1
98 66.4 50.8 76.2



#22
Diisopropyl ether
Concen: 4.847 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 45 Resp: 31789
Ion Ratio Lower Upper
45 100
43 113.6 92.9 139.3
87 28.9 26.2 39.2
59 13.4 10.0 15.0

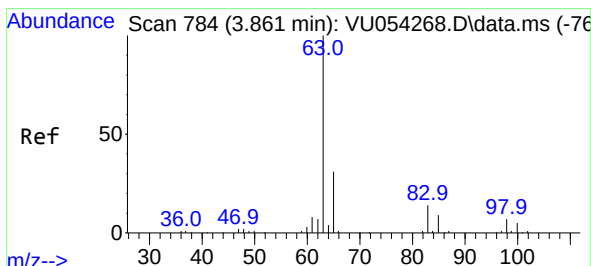
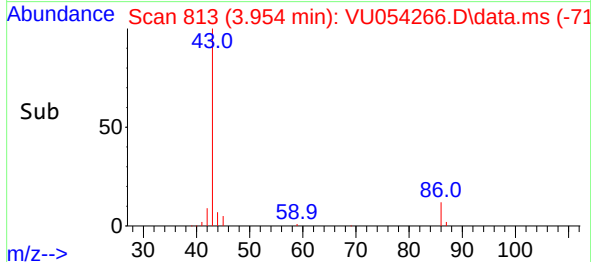
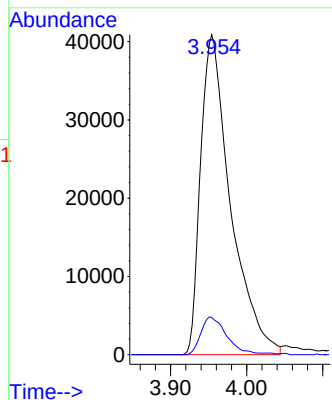
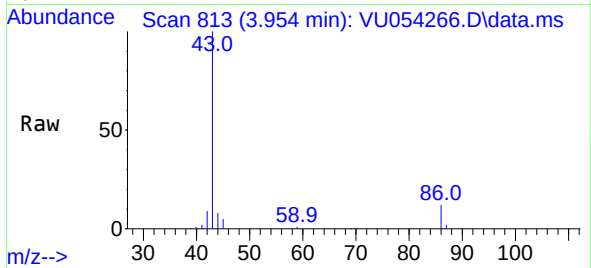




#23
 Vinyl Acetate
 Concen: 23.367 ug/l
 RT: 3.954 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VU054266.D
 Acq: 25 May 2023 14:21

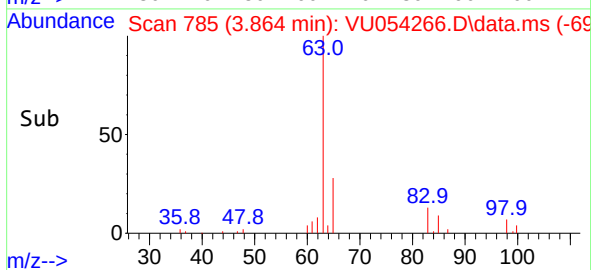
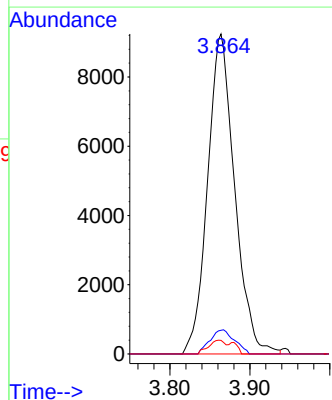
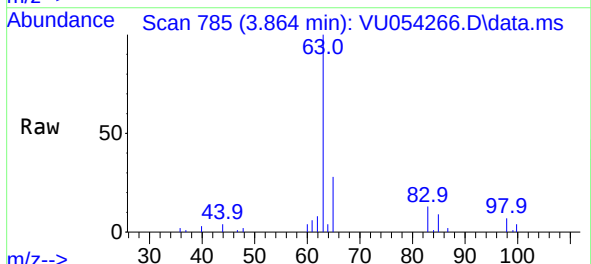
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

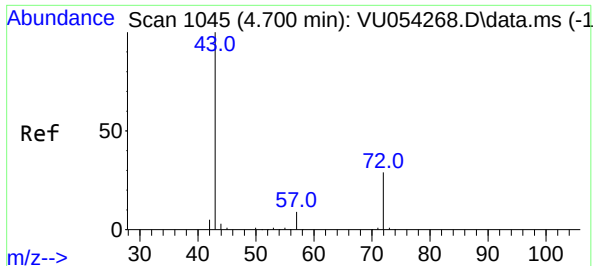
Tgt Ion: 43 Resp: 111830
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 5.174 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054266.D
 Acq: 25 May 2023 14:21

Tgt Ion: 63 Resp: 21729
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.3 2.4 7.2

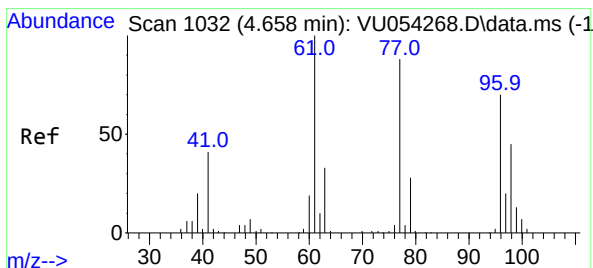
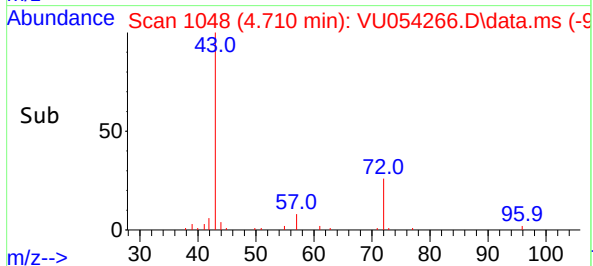
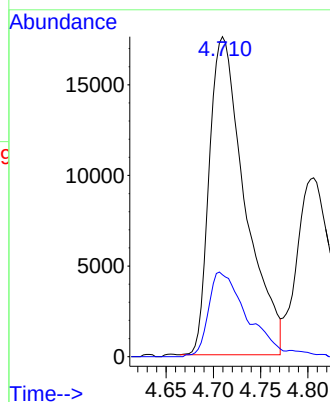
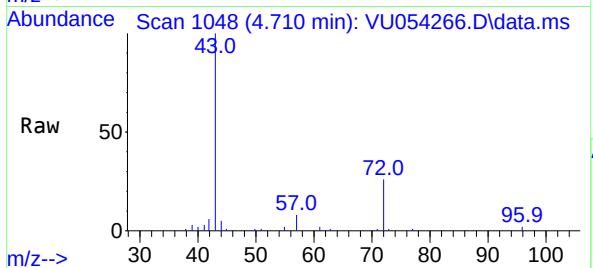




#25
2-Butanone
Concen: 23.351 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

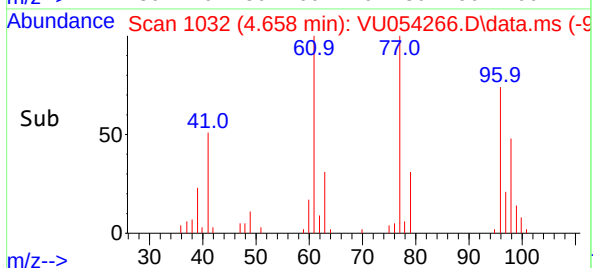
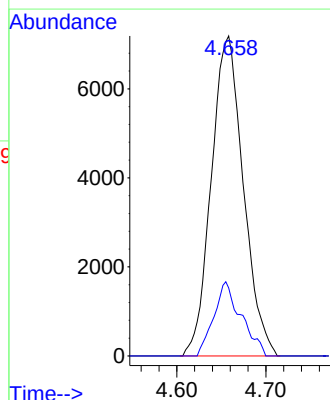
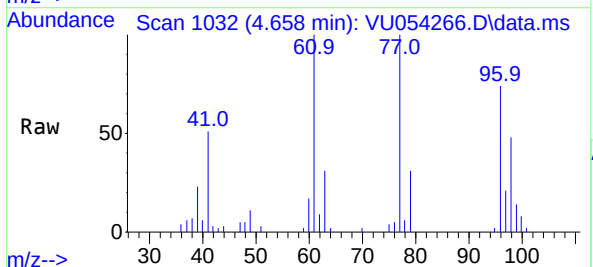
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

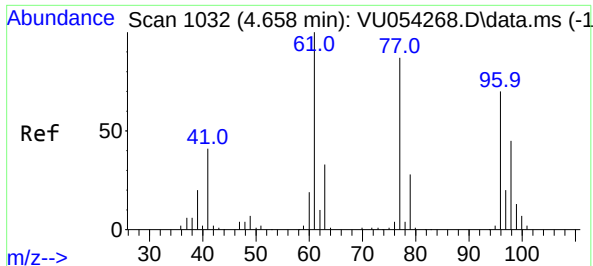
Tgt Ion: 43 Resp: 46094
Ion Ratio Lower Upper
43 100
72 25.7 23.8 35.6



#26
2,2-Dichloropropane
Concen: 4.897 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 77 Resp: 17974
Ion Ratio Lower Upper
77 100
97 19.7 11.6 34.8

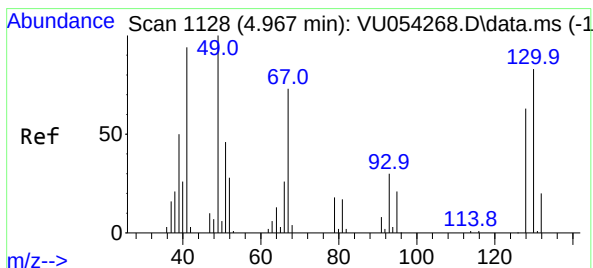
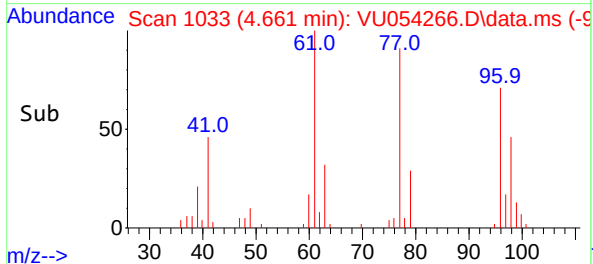
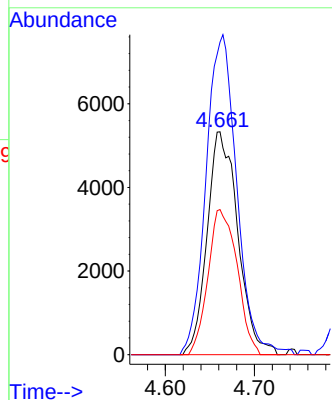
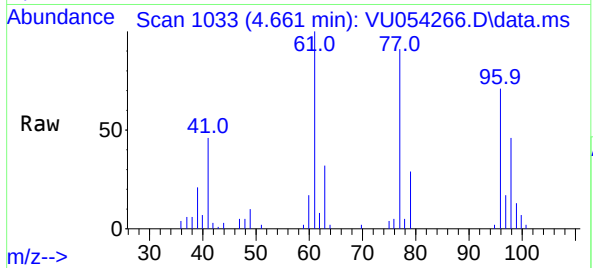




#27
cis-1,2-Dichloroethene
Concen: 5.031 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

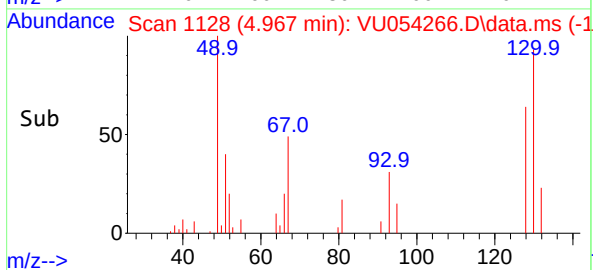
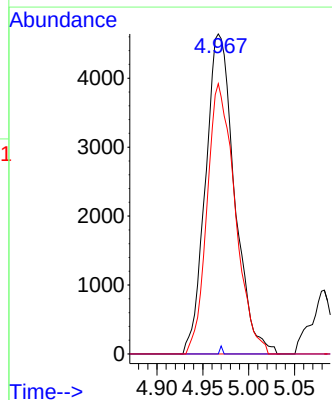
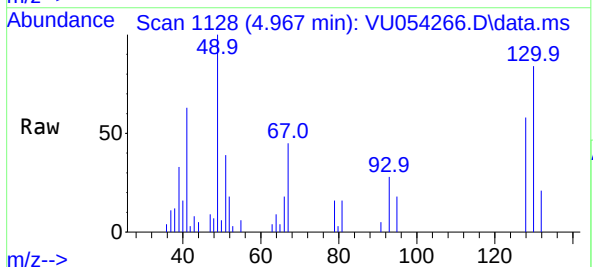
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

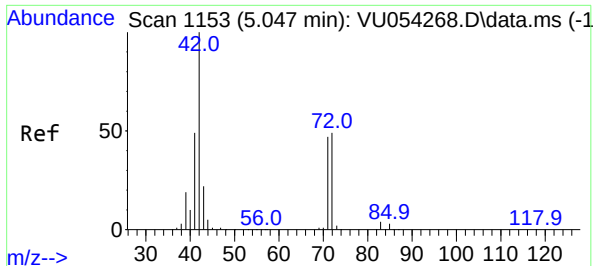
Tgt Ion: 96 Resp: 12787
Ion Ratio Lower Upper
96 100
61 143.5 0.0 271.6
98 61.5 0.0 128.2



#28
Bromochloromethane
Concen: 5.275 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 49 Resp: 10252
Ion Ratio Lower Upper
49 100
129 0.2 0.0 4.6
130 81.4 76.9 115.3





#29

Tetrahydrofuran

Concen: 25.056 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.010 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

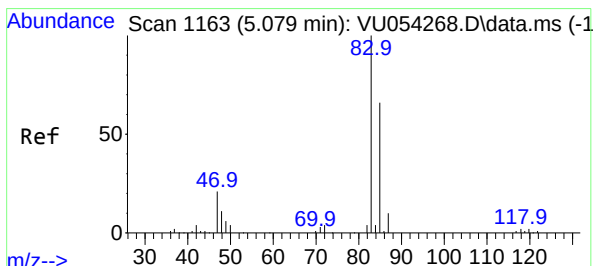
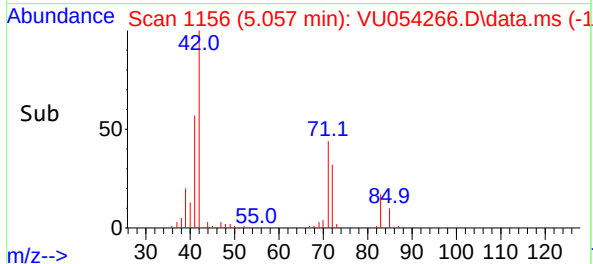
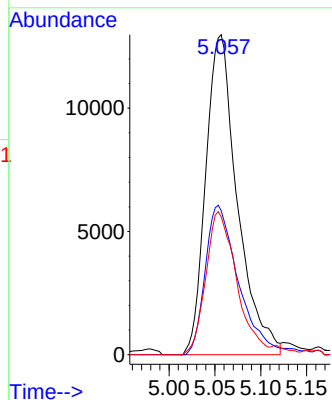
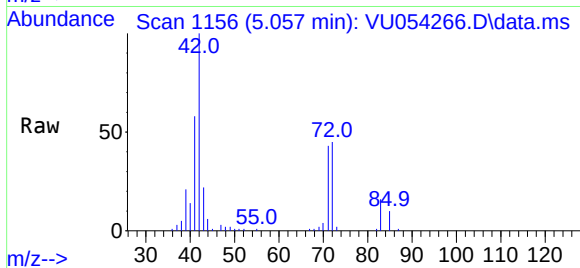
Tgt Ion: 42 Resp: 31089

Ion Ratio Lower Upper

42 100

72 50.0 42.6 63.8

71 43.5 40.3 60.5



#30

Chloroform

Concen: 4.956 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU054266.D

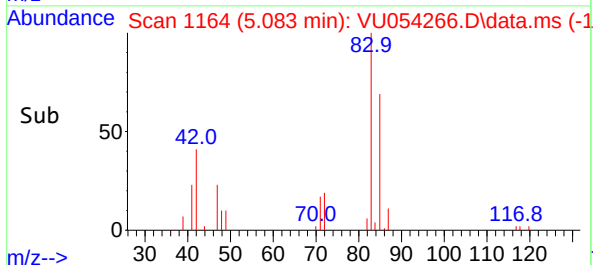
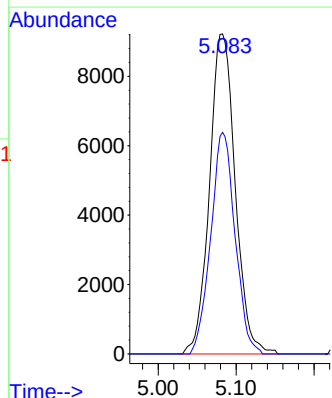
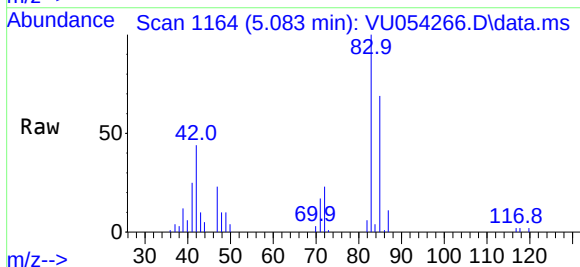
Acq: 25 May 2023 14:21

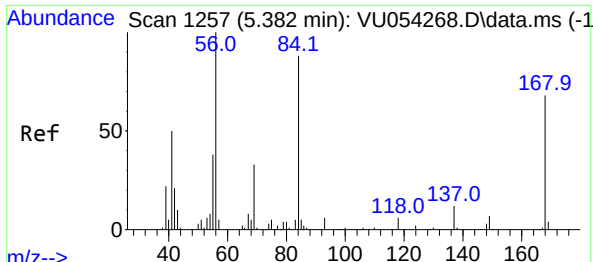
Tgt Ion: 83 Resp: 21157

Ion Ratio Lower Upper

83 100

85 69.3 51.2 76.8





#31

Cyclohexane

Concen: 5.683 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.007 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

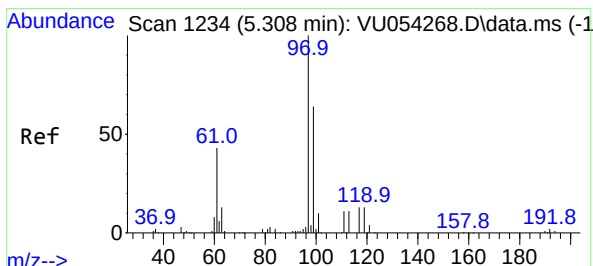
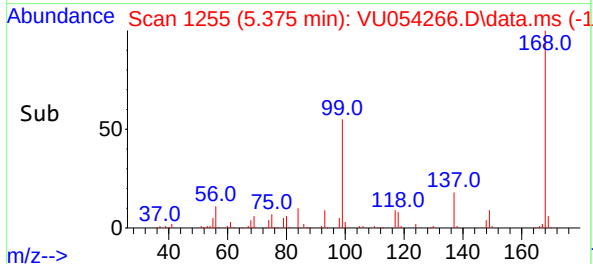
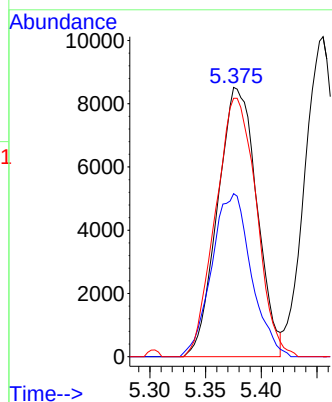
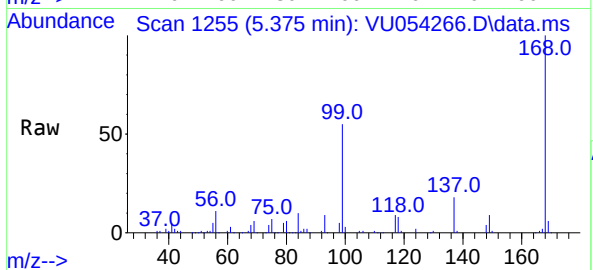
Tgt Ion: 56 Resp: 20872

Ion Ratio Lower Upper

56 100

69 60.5 27.8 41.8#

84 96.0 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 5.080 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

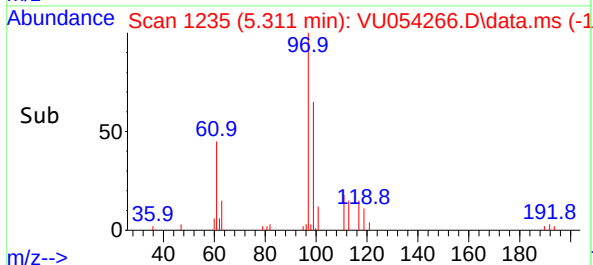
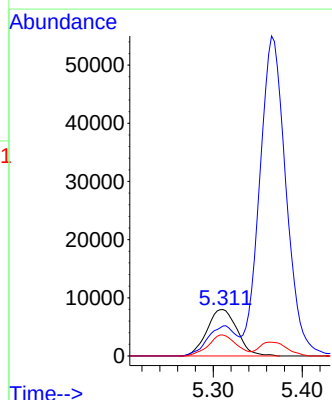
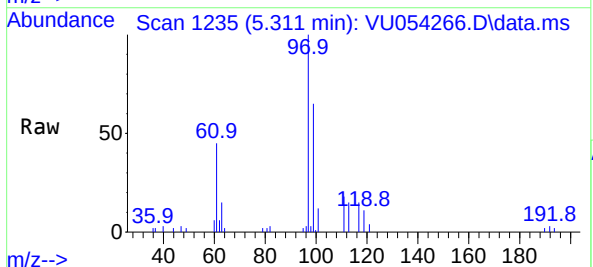
Tgt Ion: 97 Resp: 18828

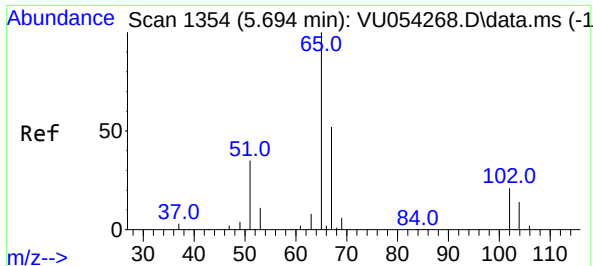
Ion Ratio Lower Upper

97 100

99 60.9 51.8 77.6

61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.302 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

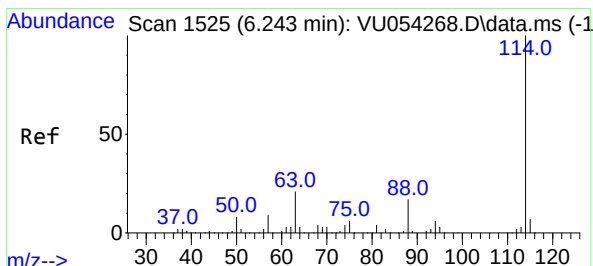
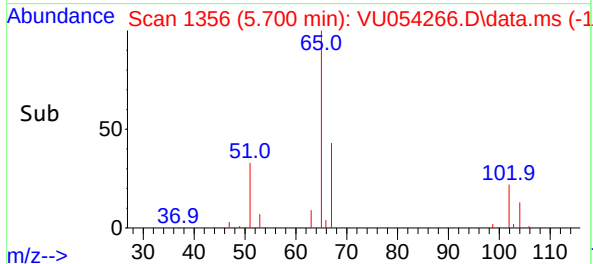
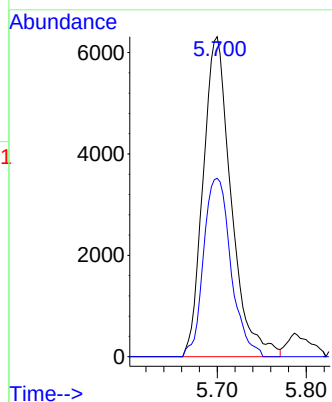
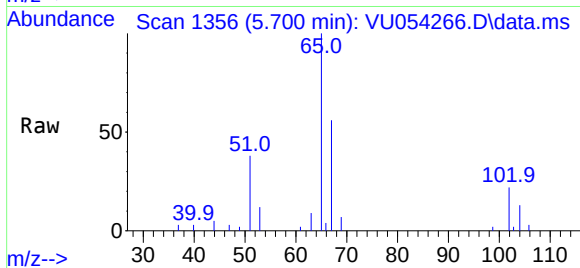
VSTDIC005

Tgt Ion: 65 Resp: 13790

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

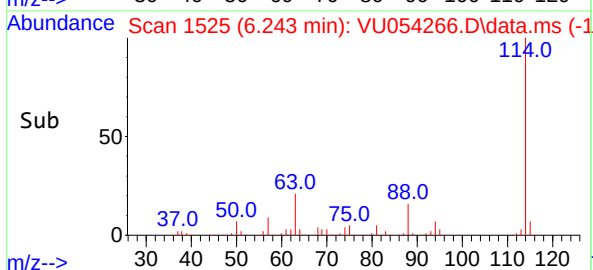
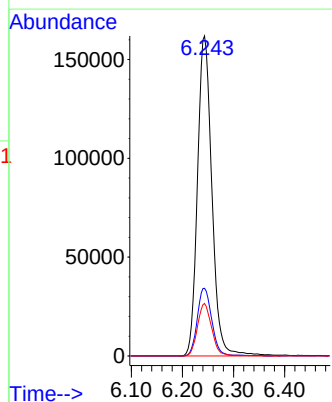
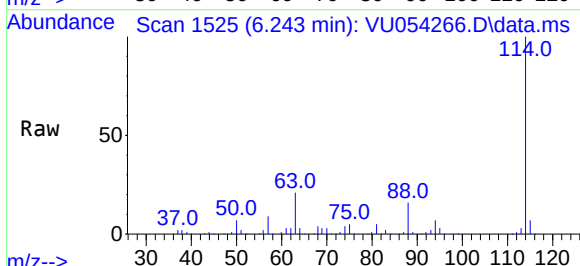
Tgt Ion: 114 Resp: 317943

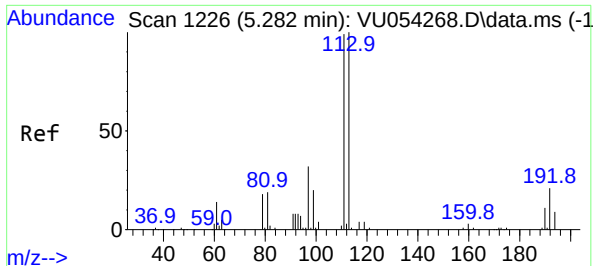
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.4 0.0 29.2

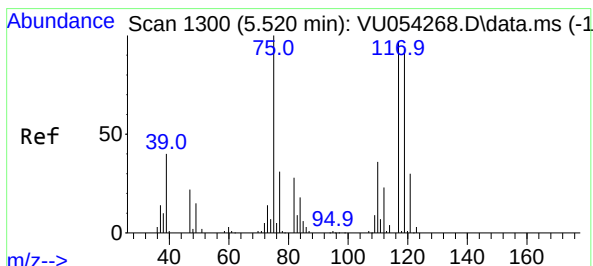
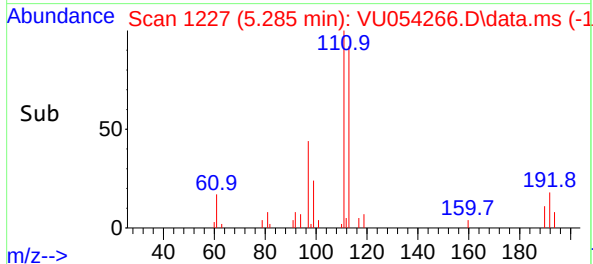
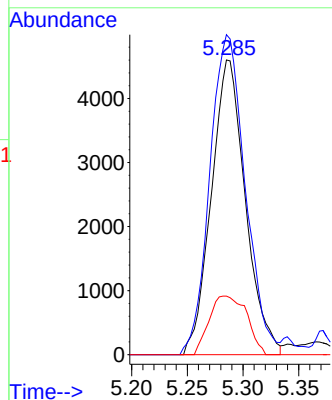
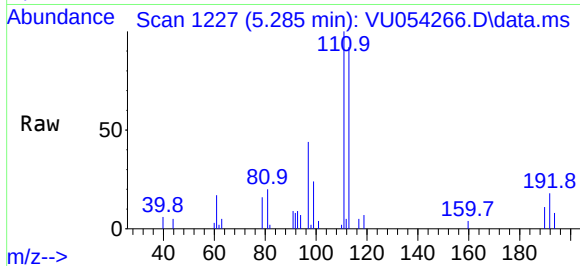




#35
Dibromofluoromethane
Concen: 4.785 ug/l
RT: 5.285 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

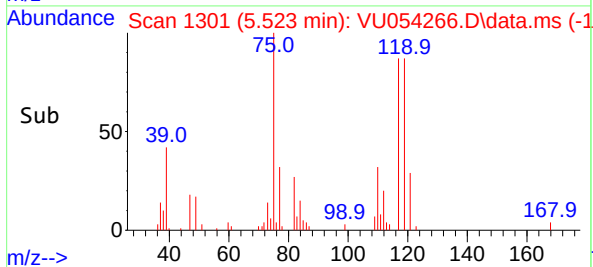
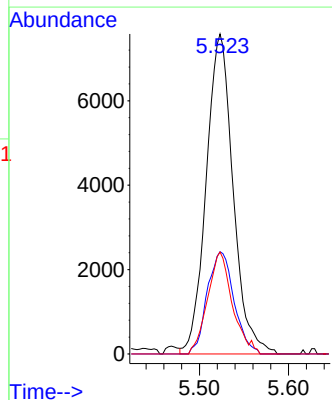
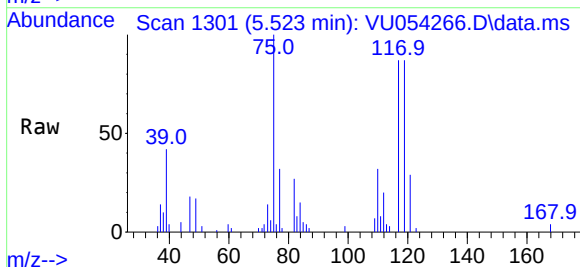
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

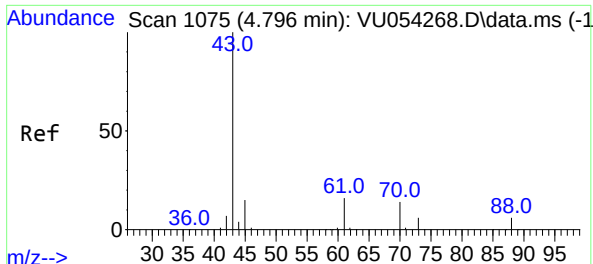
Tgt Ion:	113	Resp:	9797
Ion	Ratio	Lower	Upper
113	100		
111	112.9	82.1	123.1
192	21.9	18.0	27.0



#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:	75	Resp:	15894
Ion	Ratio	Lower	Upper
75	100		
110	31.8	18.4	55.2
77	29.3	25.1	37.7

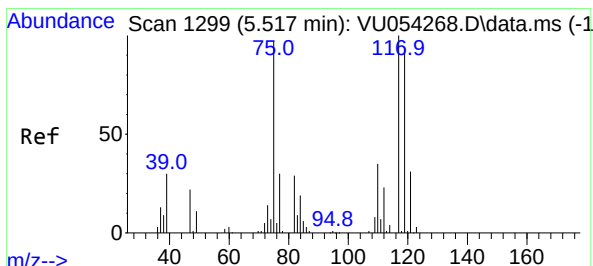
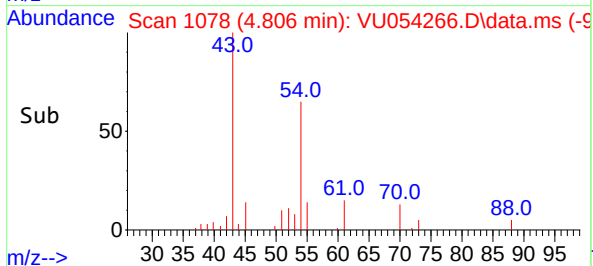
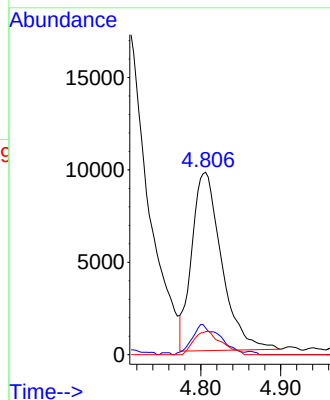
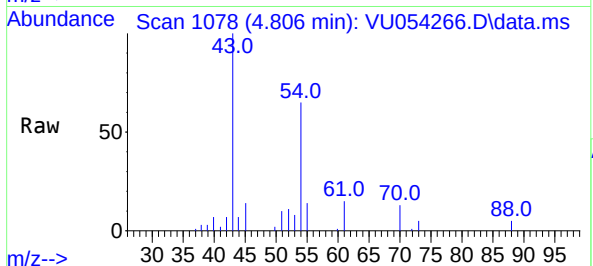




#37
Ethyl Acetate
Concen: 6.410 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.010 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

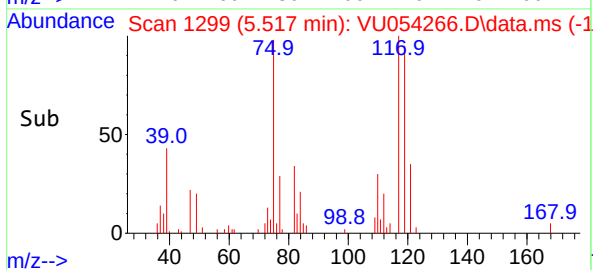
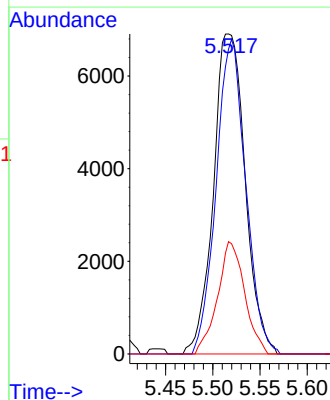
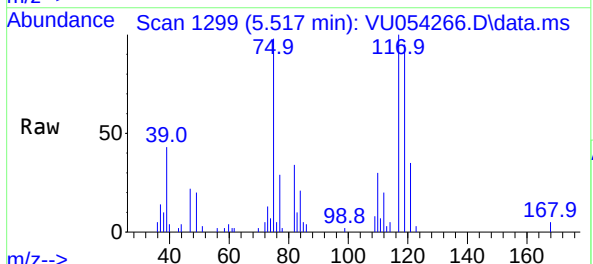
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

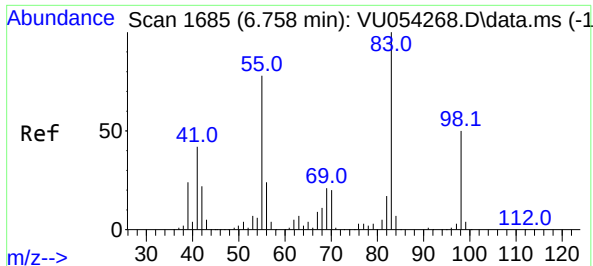
Tgt Ion: 43 Resp: 25124
Ion Ratio Lower Upper
43 100
61 15.8 9.5 14.3#
70 12.1 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 4.901 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 117 Resp: 16133
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2
121 35.1 24.7 37.1





#39

Methylcyclohexane

Concen: 4.966 ug/l

RT: 6.754 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

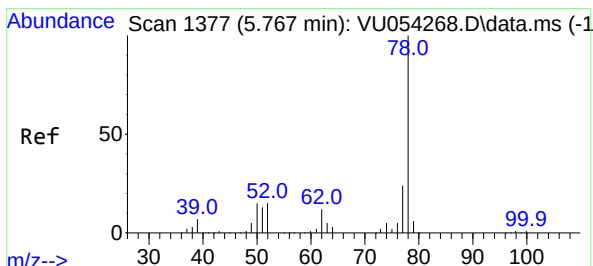
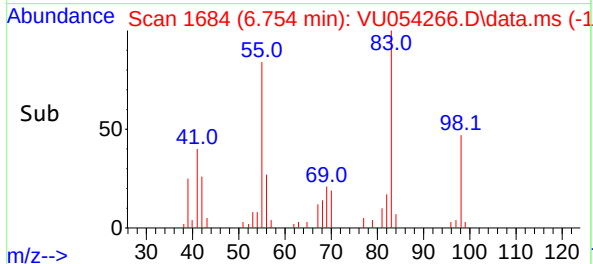
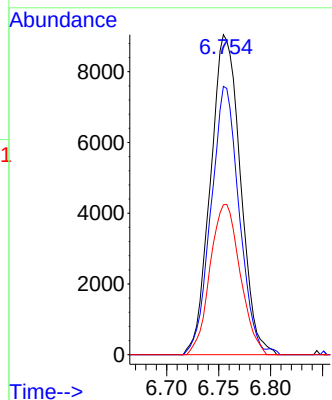
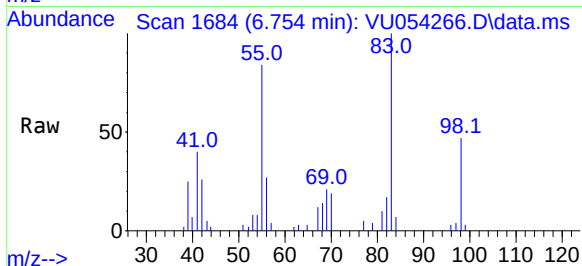
Tgt Ion: 83 Resp: 18088

Ion Ratio Lower Upper

83 100

55 83.9 55.3 82.9#

98 46.9 37.3 55.9



#40

Benzene

Concen: 5.021 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU054266.D

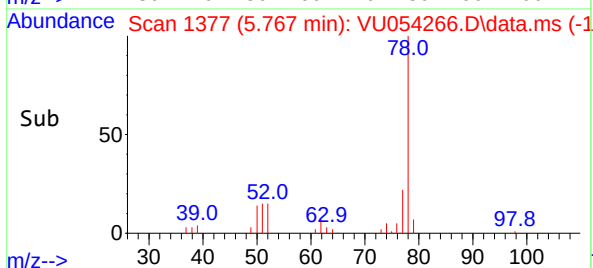
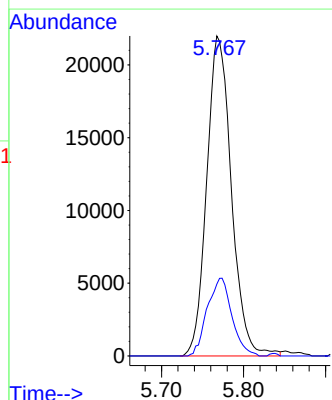
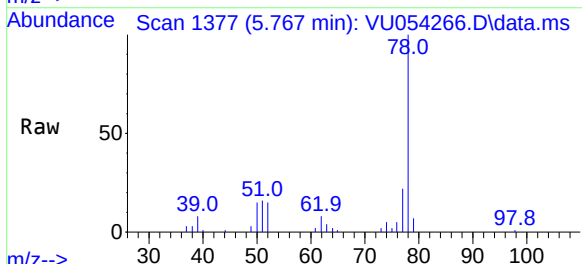
Acq: 25 May 2023 14:21

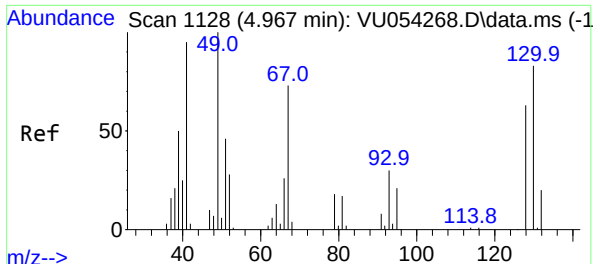
Tgt Ion: 78 Resp: 46056

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2



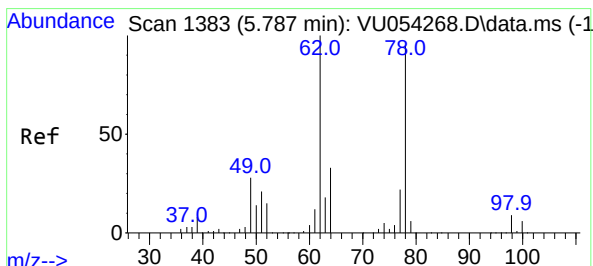
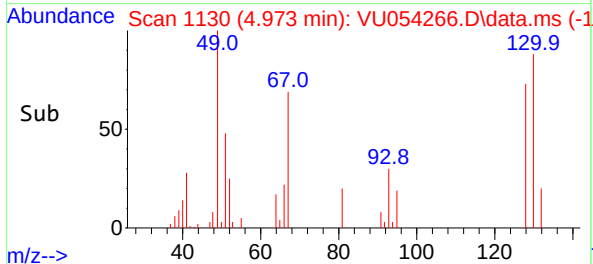
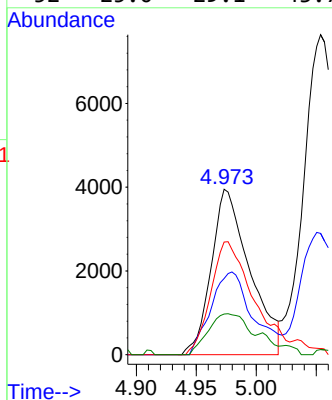
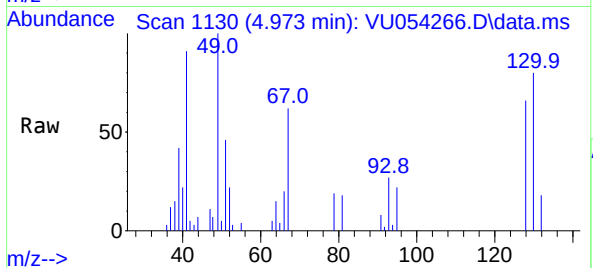


#41
Methacrylonitrile
Concen: 4.973 ug/l
RT: 4.973 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 8812

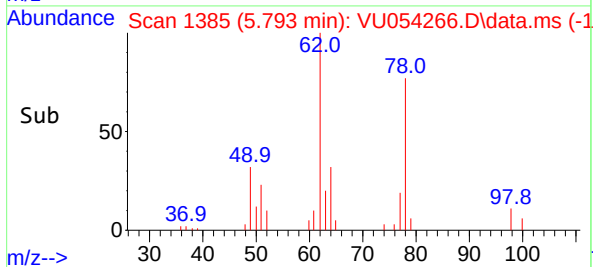
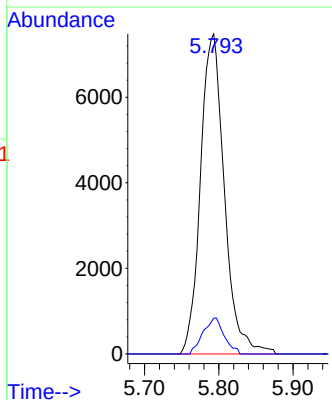
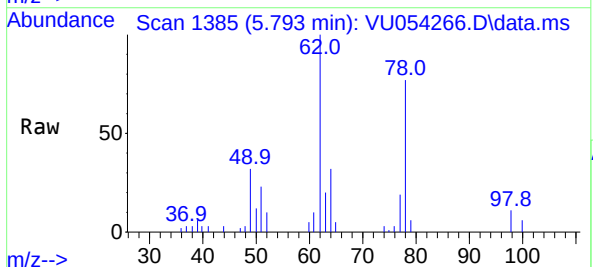
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.1	64.7
67	75.4	72.3	108.5
52	25.0	29.1	43.7

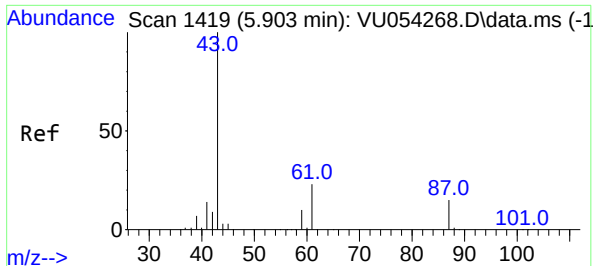


#42
1,2-Dichloroethane
Concen: 5.014 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 62 Resp: 16707

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6

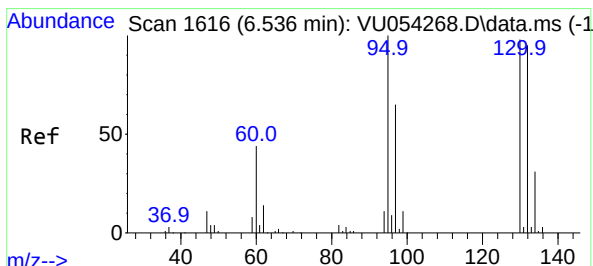
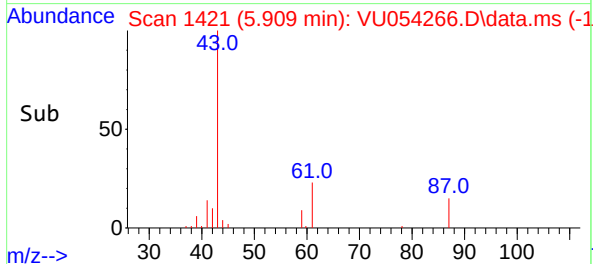
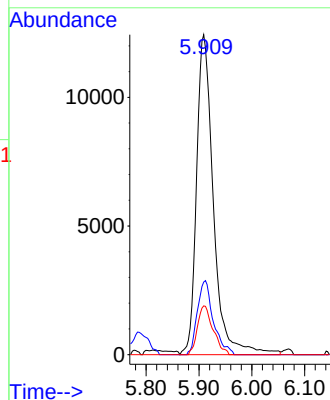
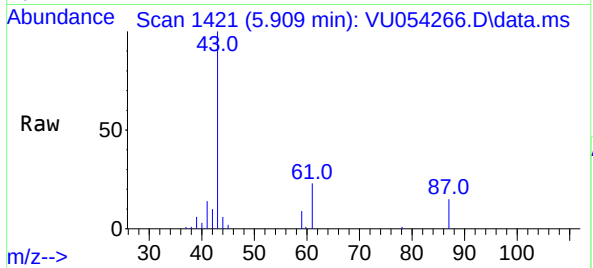




#43
Isopropyl Acetate
Concen: 5.096 ug/l
RT: 5.909 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

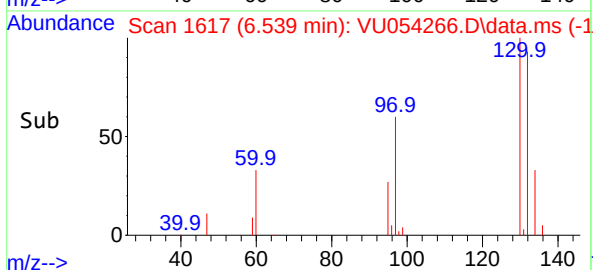
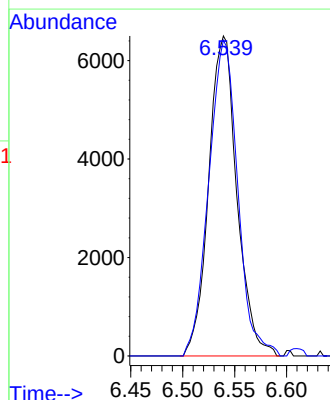
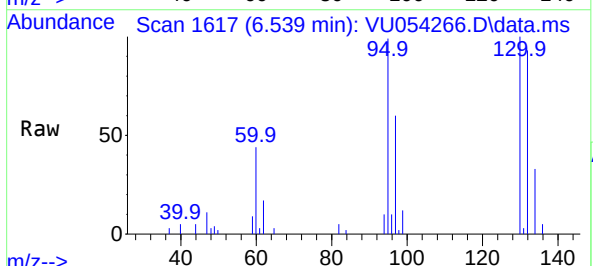
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

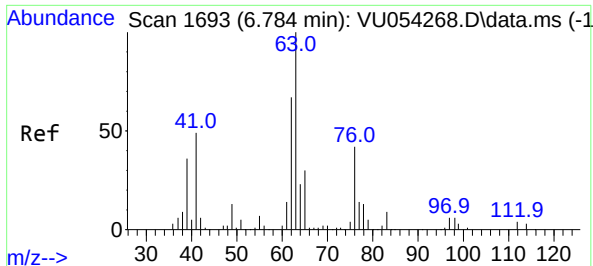
Tgt Ion:	43	Resp:	27547
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.4	26.0
87	14.1	12.6	18.8



#44
Trichloroethene
Concen: 4.796 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:	130	Resp:	12299
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	184.6

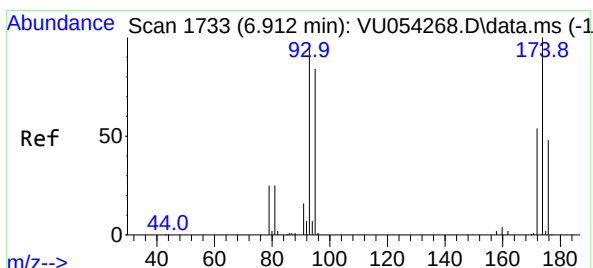
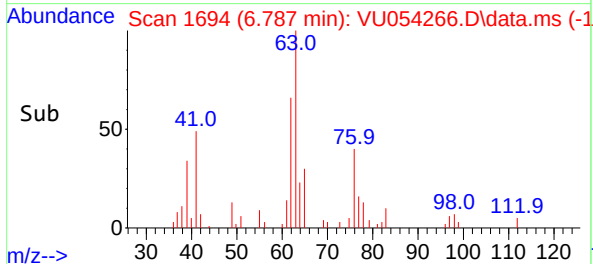
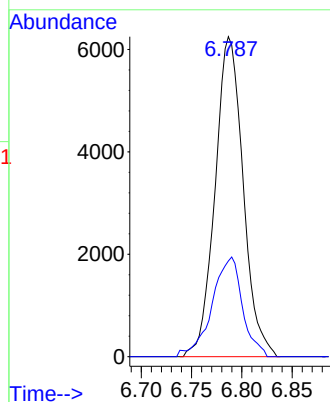
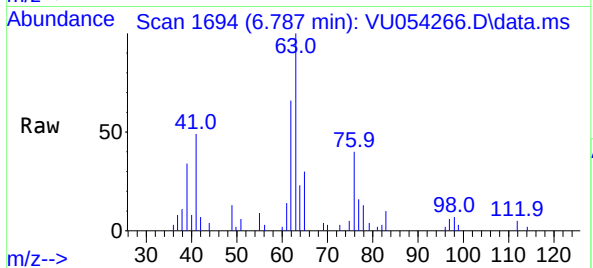




#45
1,2-Dichloropropane
Concen: 5.071 ug/l
RT: 6.787 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

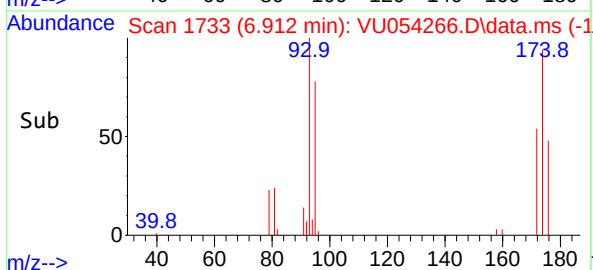
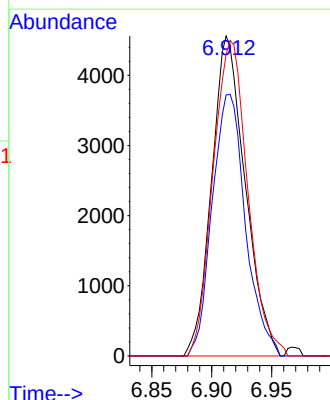
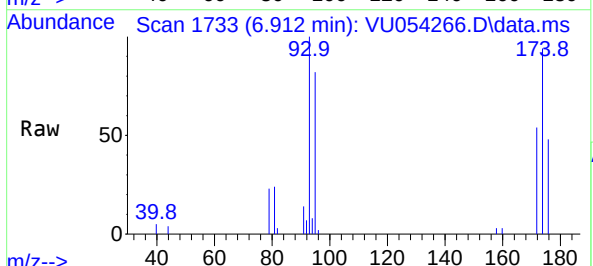
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

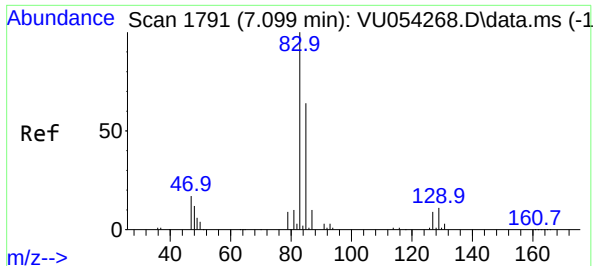
Tgt Ion: 63 Resp: 12136
Ion Ratio Lower Upper
63 100
65 29.9 25.0 37.4



#46
Dibromomethane
Concen: 5.041 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 93 Resp: 8879
Ion Ratio Lower Upper
93 100
95 80.8 66.3 99.5
174 101.7 88.2 132.4

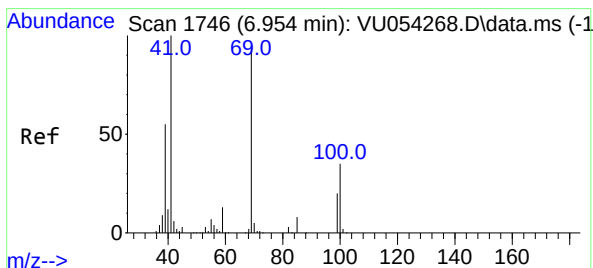
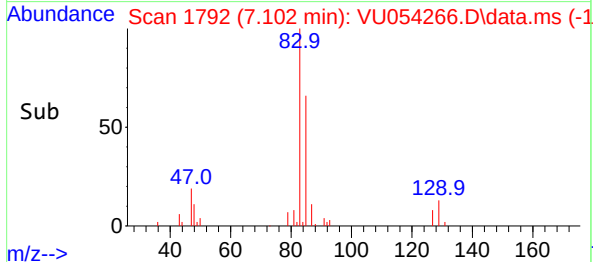
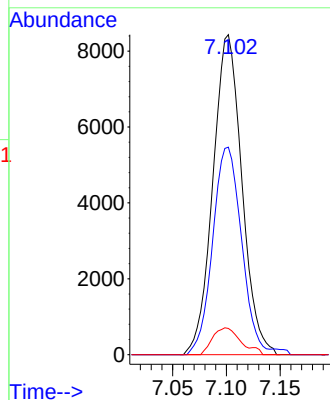
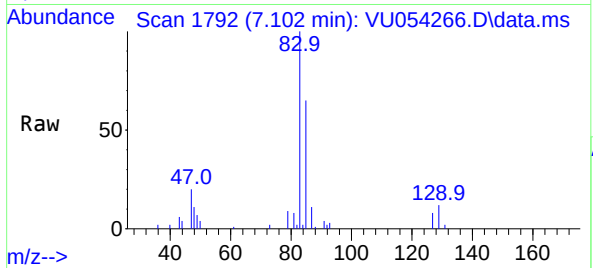




#47
Bromodichloromethane
Concen: 4.809 ug/l
RT: 7.102 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

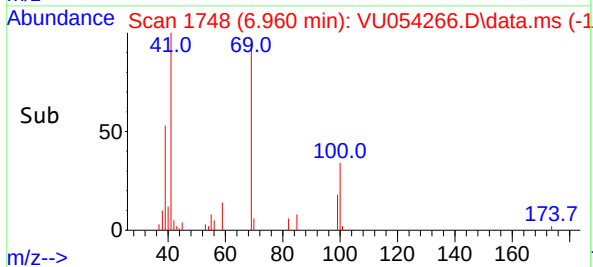
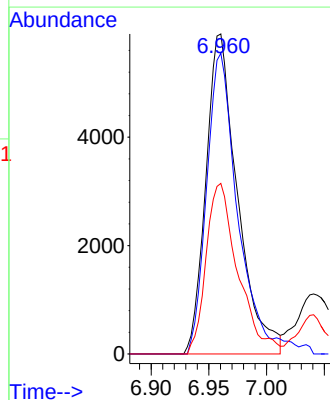
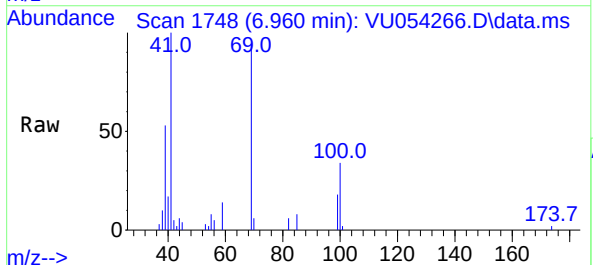
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

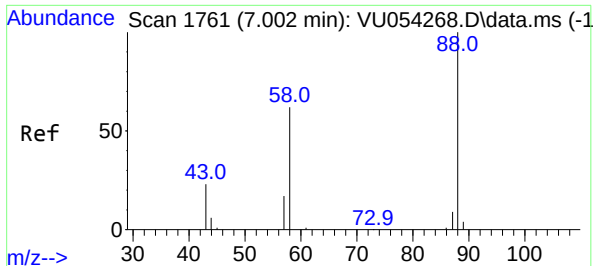
Tgt Ion: 83 Resp: 15842
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 4.691 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 41 Resp: 11247
Ion Ratio Lower Upper
41 100
69 93.0 79.8 119.6
39 53.8 47.9 71.9

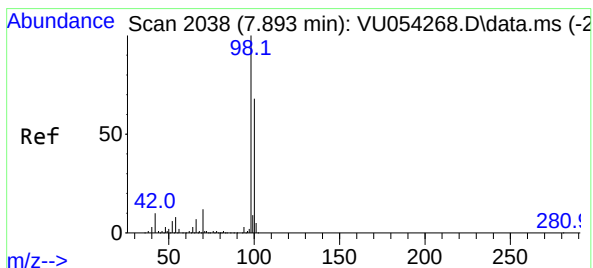
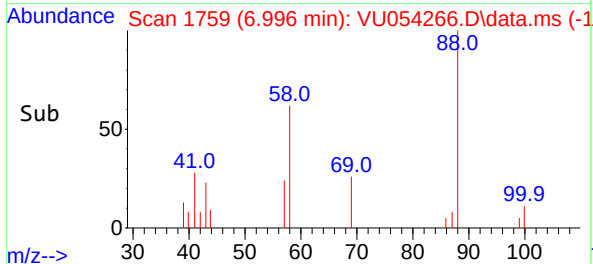
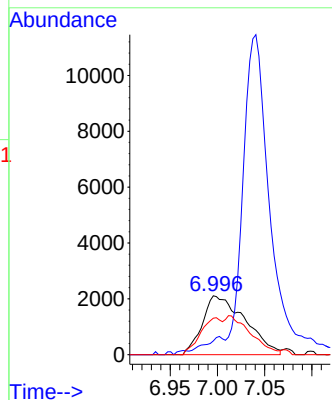
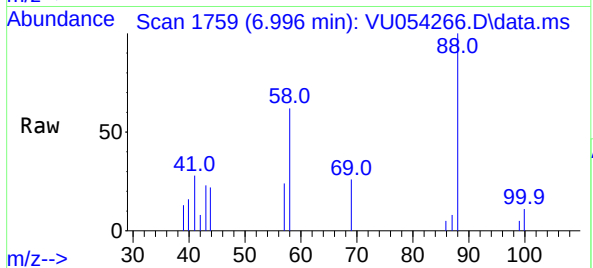




#49
1,4-Dioxane
Concen: 96.182 ug/l
RT: 6.996 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

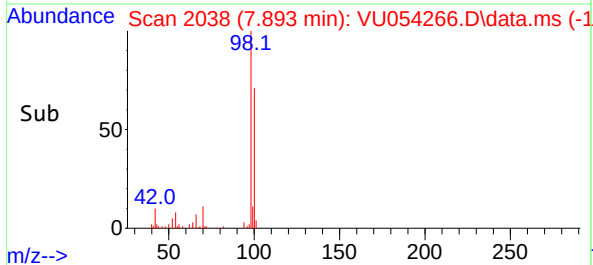
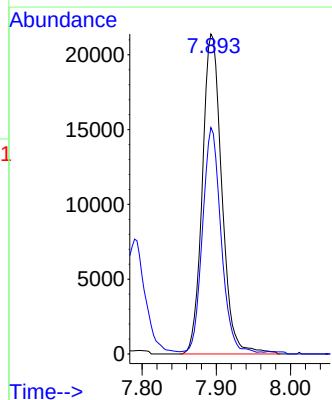
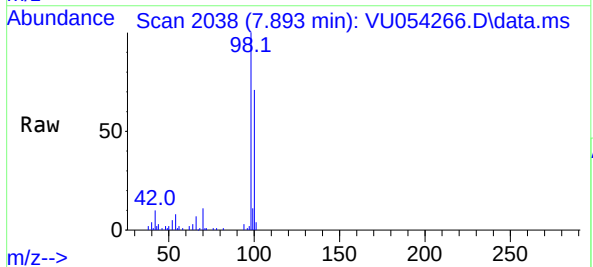
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

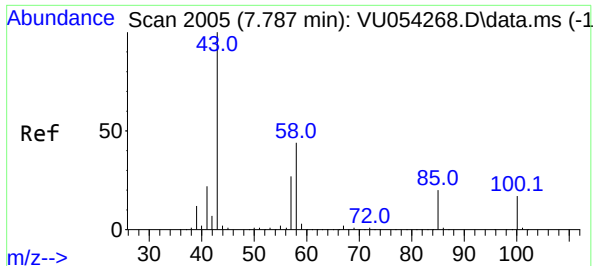
Tgt Ion: 88 Resp: 6657
Ion Ratio Lower Upper
88 100
43 10.1 0.0 0.0#
58 31.7 15.4 23.0#



#50
Toluene-d8
Concen: 4.997 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 98 Resp: 38913
Ion Ratio Lower Upper
98 100
100 66.7 51.7 77.5

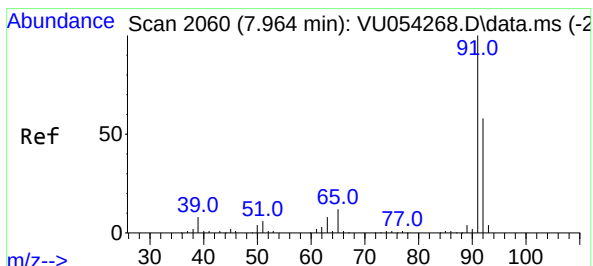
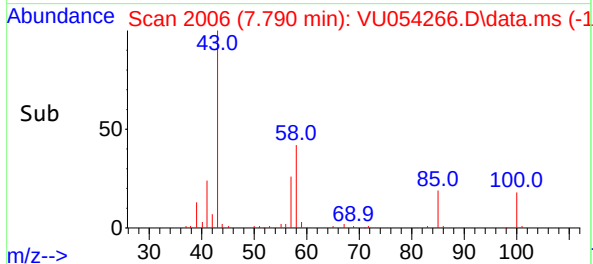
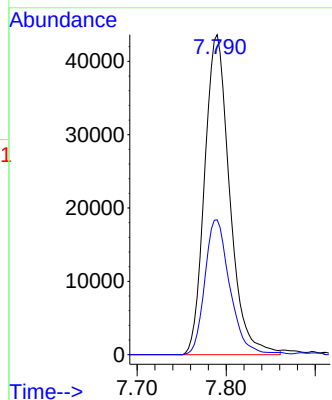
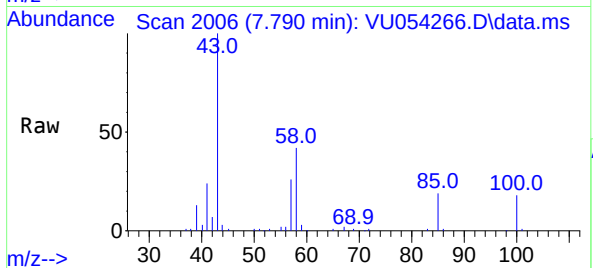




#51
4-Methyl-2-Pentanone
Concen: 23.602 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

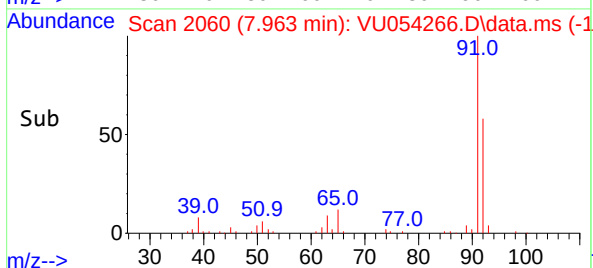
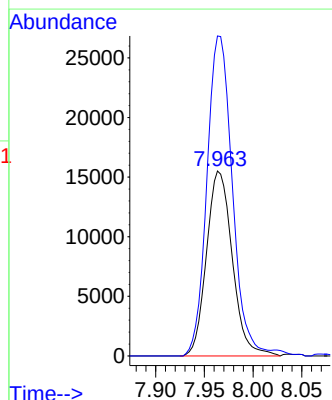
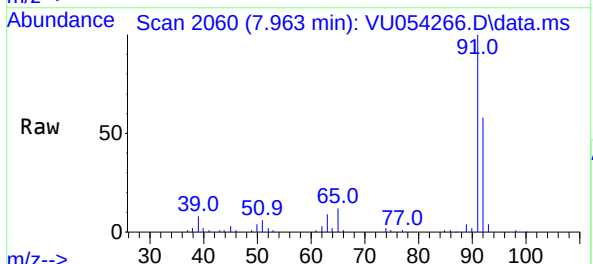
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

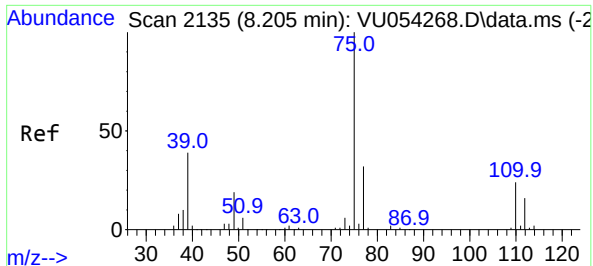
Tgt Ion: 43 Resp: 85149
Ion Ratio Lower Upper
43 100
58 42.0 34.7 52.1



#52
Toluene
Concen: 4.891 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 92 Resp: 28607
Ion Ratio Lower Upper
92 100
91 170.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 4.688 ug/l

RT: 8.208 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

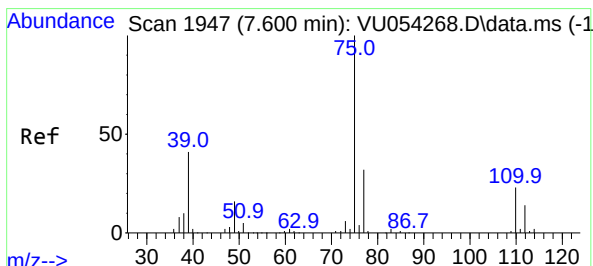
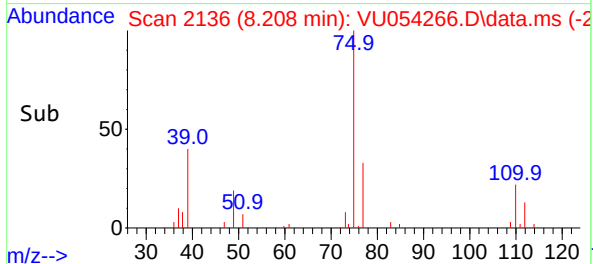
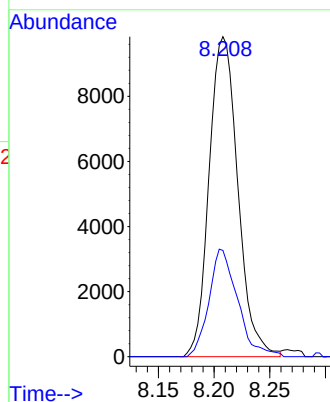
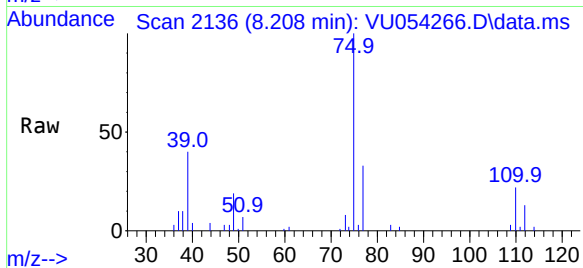
VSTDIC005

Tgt Ion: 75 Resp: 17670

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.722 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU054266.D

Acq: 25 May 2023 14:21

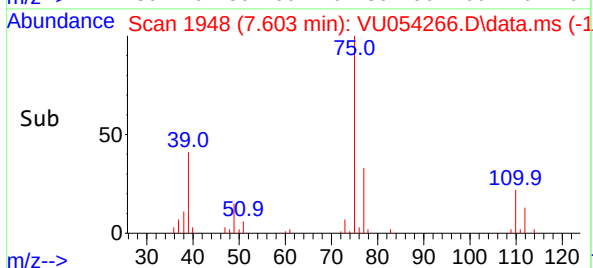
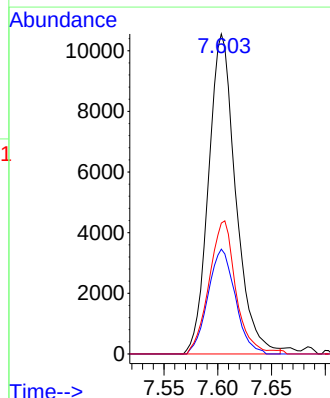
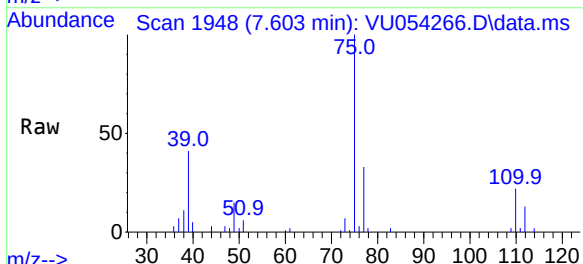
Tgt Ion: 75 Resp: 18574

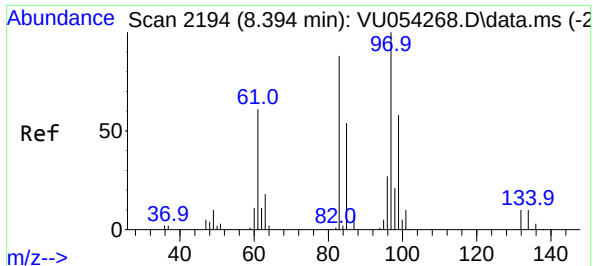
Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5

39 40.9 33.0 49.6

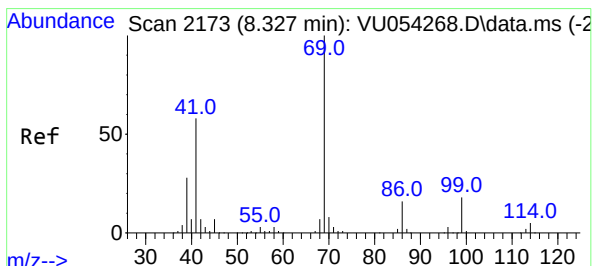
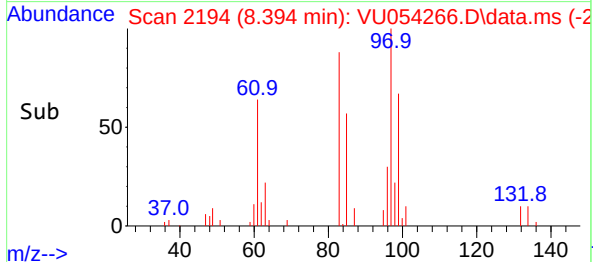
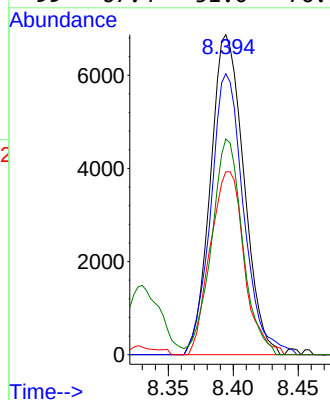
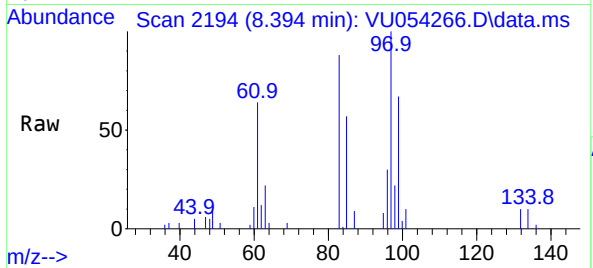




#55
1,1,2-Trichloroethane
Concen: 5.061 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

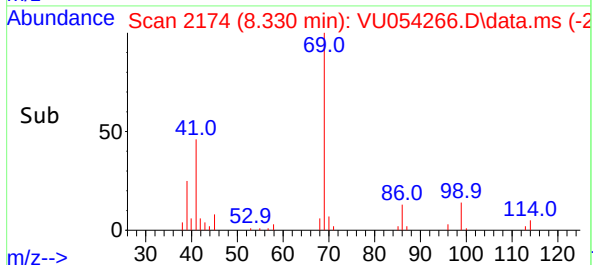
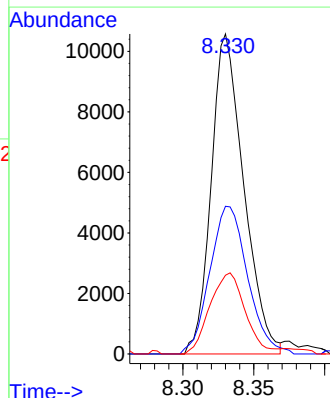
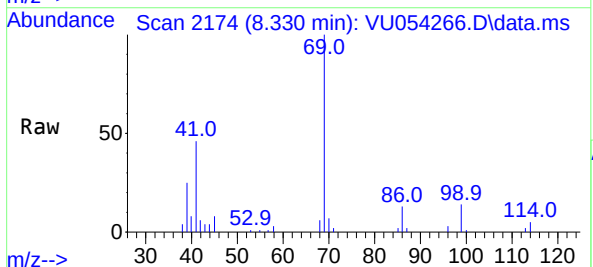
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

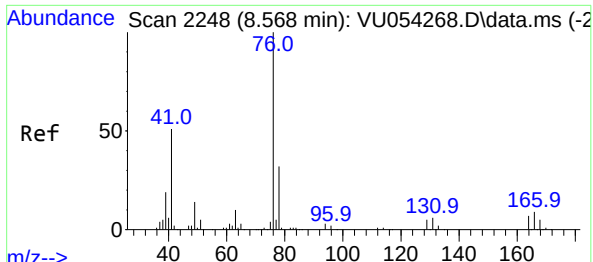
Tgt Ion:	97	Resp:	12267
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.2	105.4
85	57.1	44.6	66.8
99	67.4	51.0	76.6



#56
Ethyl methacrylate
Concen: 4.684 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:	69	Resp:	16901
Ion	Ratio	Lower	Upper
69	100		
41	53.5	45.4	68.0
39	27.4	25.7	38.5

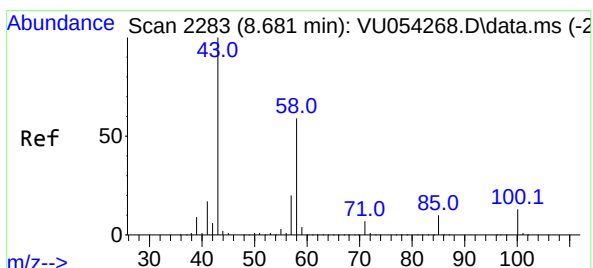
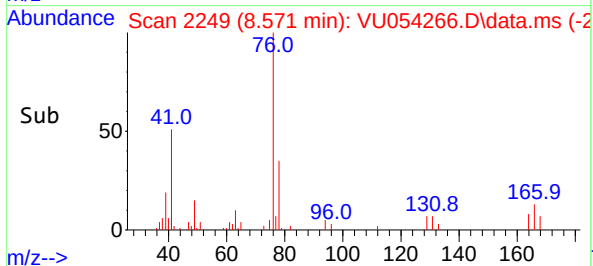
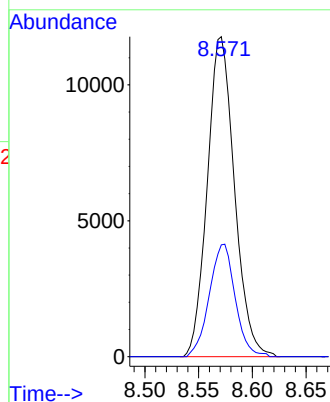
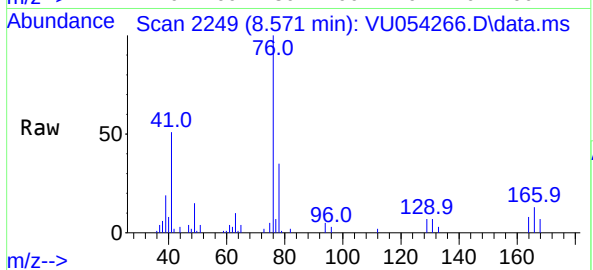




#57
1,3-Dichloropropane
Concen: 4.954 ug/l
RT: 8.571 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

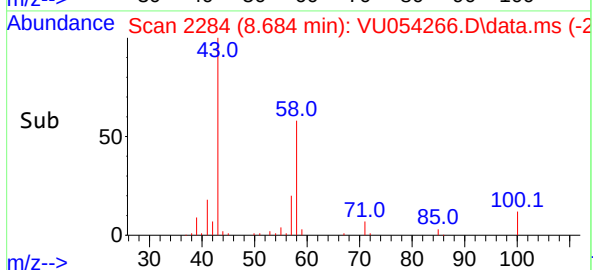
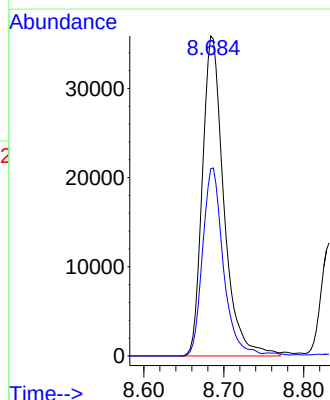
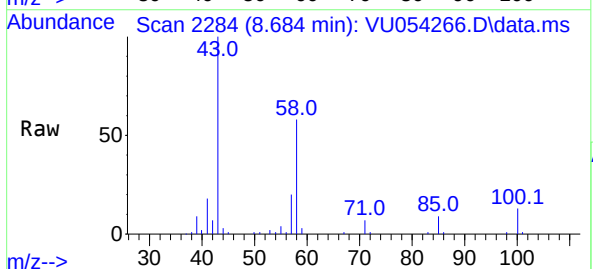
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

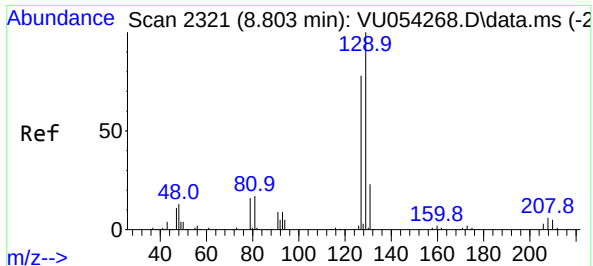
Tgt Ion: 76 Resp: 20680
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1



#59
2-Hexanone
Concen: 23.492 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 43 Resp: 66950
Ion Ratio Lower Upper
43 100
58 56.7 30.3 90.8

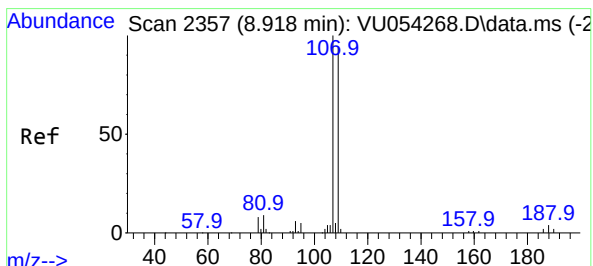
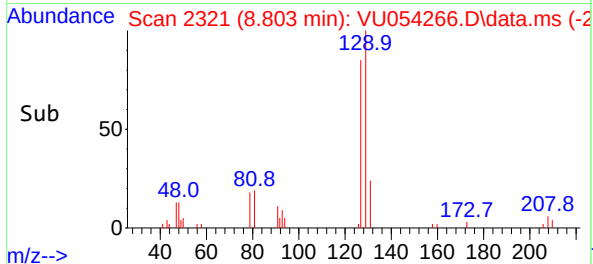
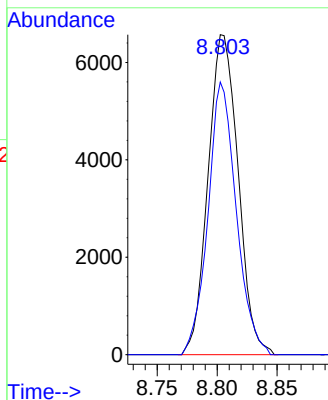
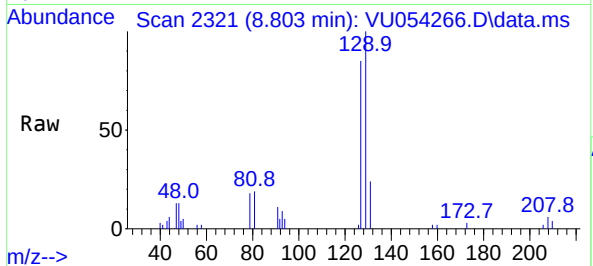




#60
Dibromochloromethane
Concen: 4.653 ug/l
RT: 8.803 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

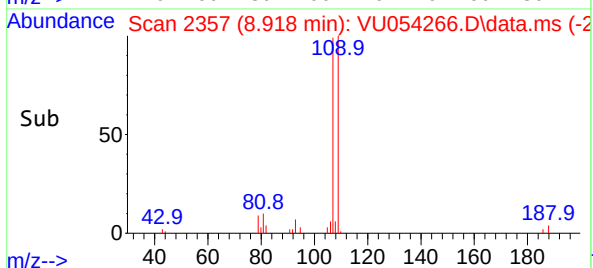
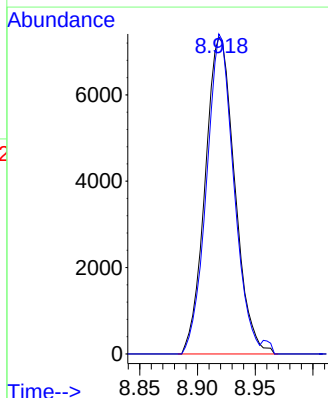
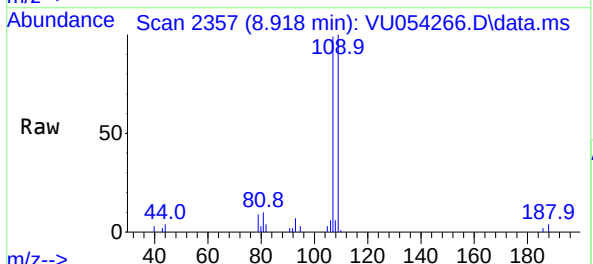
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

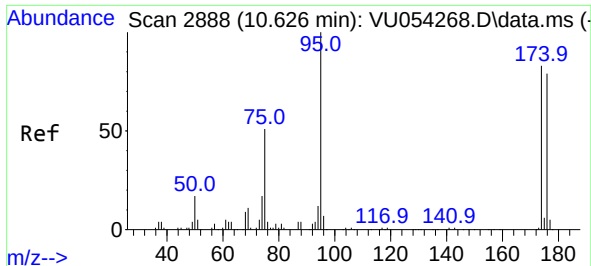
Tgt Ion:129 Resp: 11458
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0



#61
1,2-Dibromoethane
Concen: 4.951 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:107 Resp: 13060
Ion Ratio Lower Upper
107 100
109 93.4 75.1 112.7

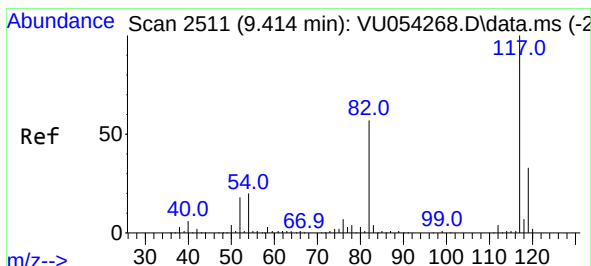
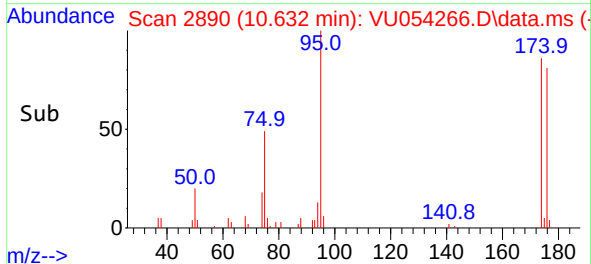
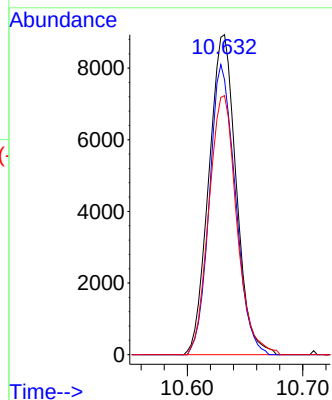
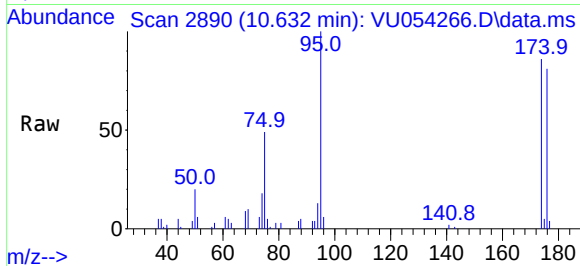




#62
4-Bromofluorobenzene
Concen: 4.877 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

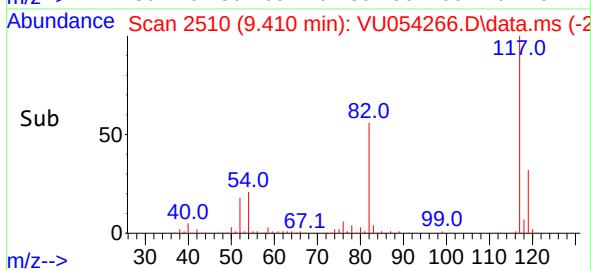
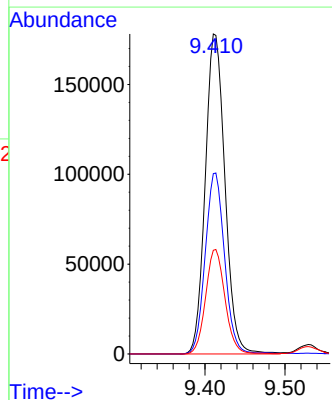
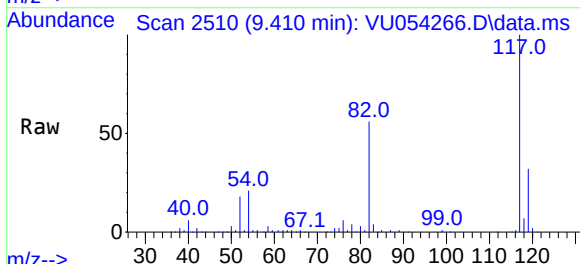
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

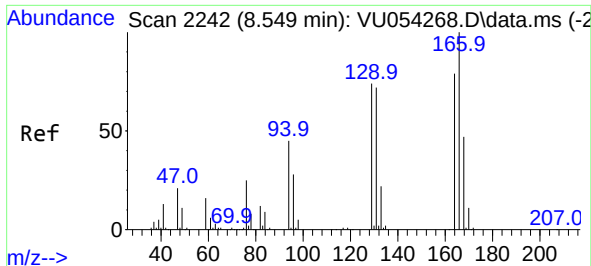
Tgt Ion: 95 Resp: 14728
Ion Ratio Lower Upper
95 100
174 85.6 0.0 182.0
176 82.2 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 117 Resp: 305942
Ion Ratio Lower Upper
117 100
82 56.3 41.7 62.5
119 32.4 25.7 38.5



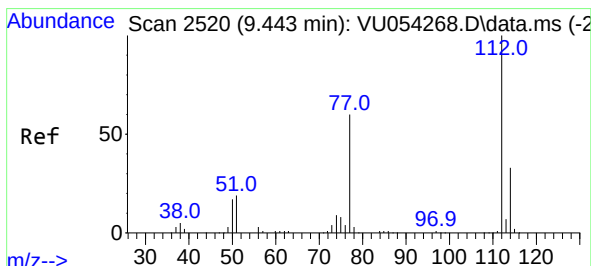
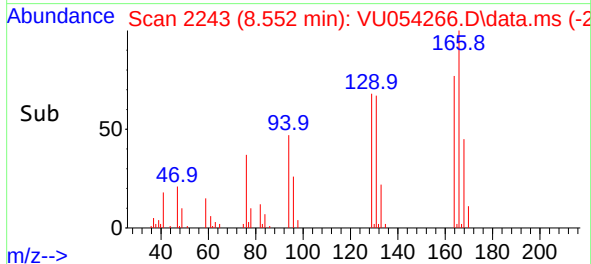
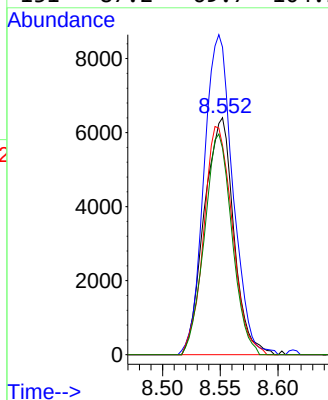
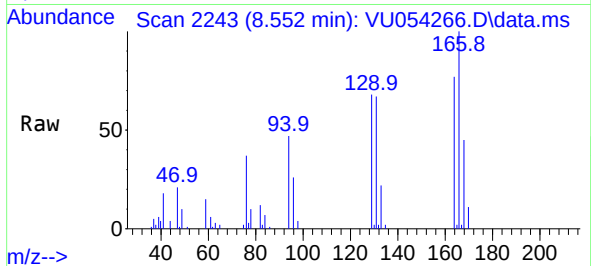


#64
Tetrachloroethene
Concen: 4.956 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:164 Resp: 11412

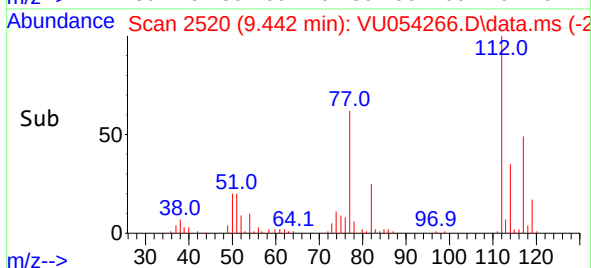
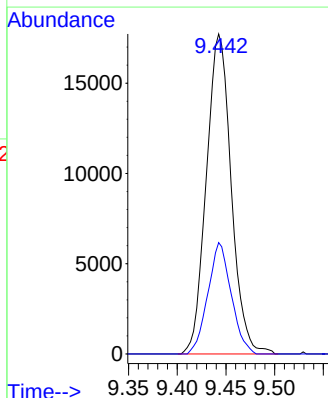
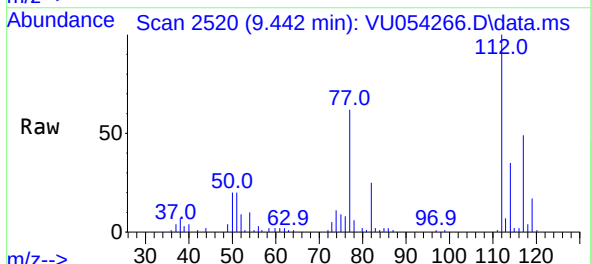
Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.0	150.0
129	88.3	72.0	108.0
131	87.2	69.7	104.5

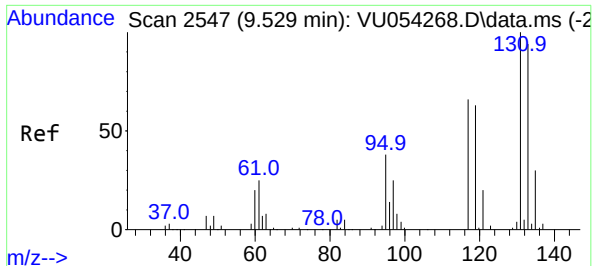


#65
Chlorobenzene
Concen: 4.921 ug/l
RT: 9.442 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:112 Resp: 31474

Ion	Ratio	Lower	Upper
112	100		
114	34.8	24.9	37.3

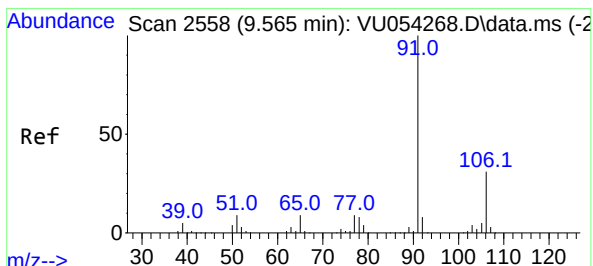
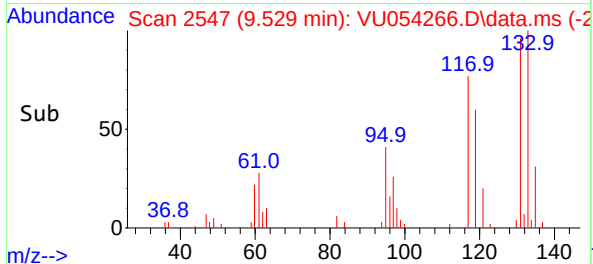
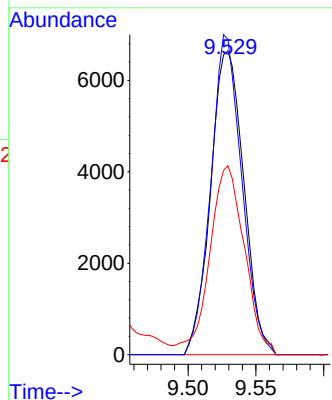
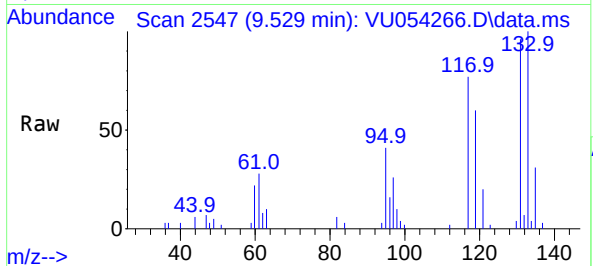




#66
1,1,1,2-Tetrachloroethane
Concen: 4.877 ug/l
RT: 9.529 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

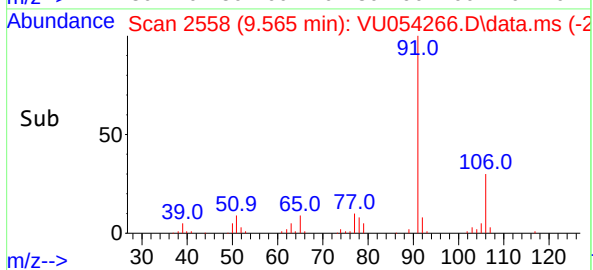
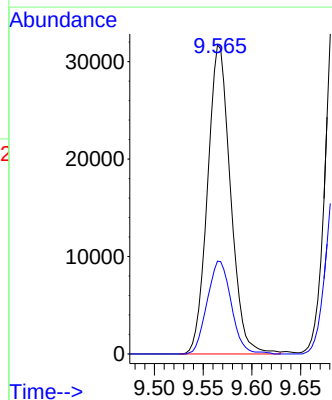
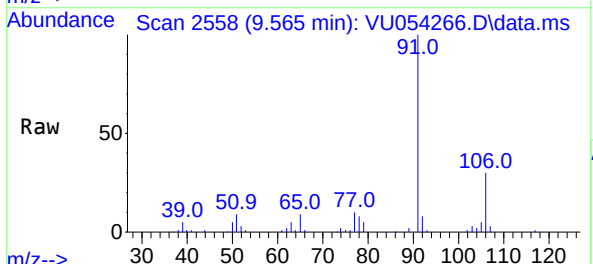
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

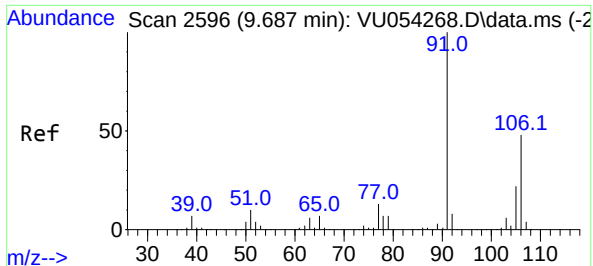
Tgt Ion:131 Resp: 11317
Ion Ratio Lower Upper
131 100
133 98.2 48.4 145.0
119 64.8 33.9 101.6



#67
Ethyl Benzene
Concen: 4.755 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 91 Resp: 51990
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

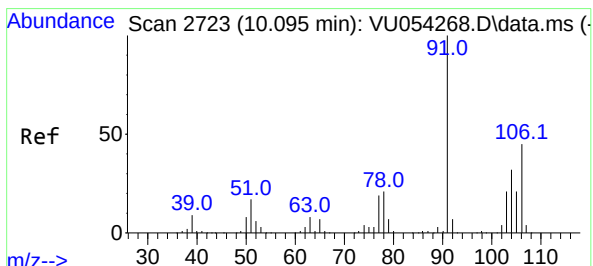
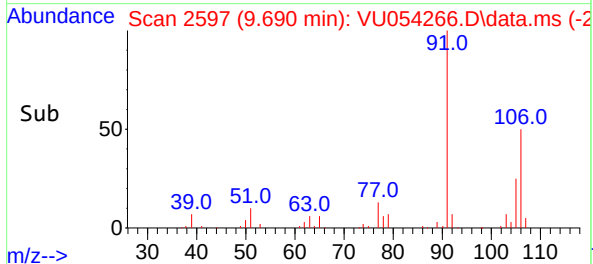
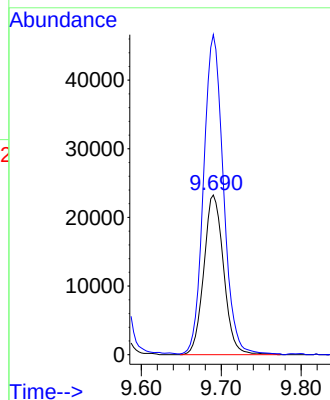
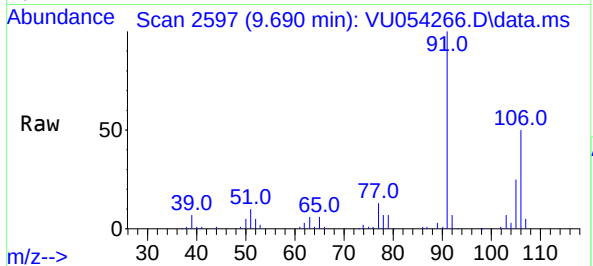




#68
m/p-Xylenes
Concen: 9.693 ug/l
RT: 9.690 min Scan# 2596
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

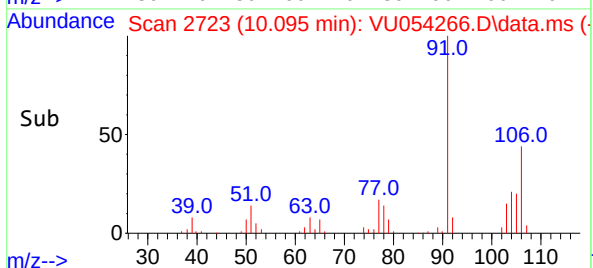
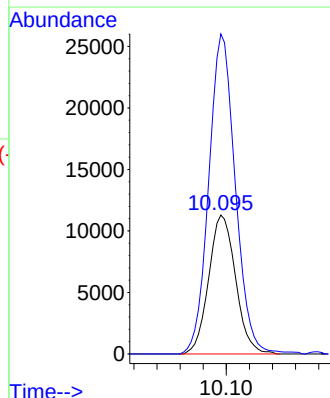
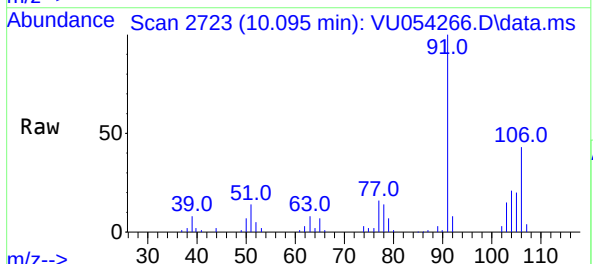
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

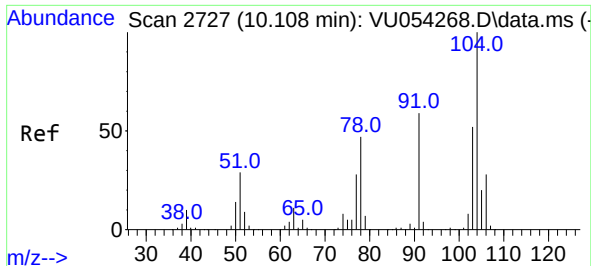
Tgt Ion:106 Resp: 40174
Ion Ratio Lower Upper
106 100
91 201.1 157.2 235.8



#69
o-Xylene
Concen: 4.552 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:106 Resp: 18262
Ion Ratio Lower Upper
106 100
91 227.6 103.5 310.5

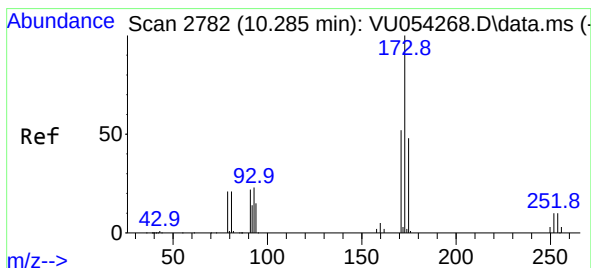
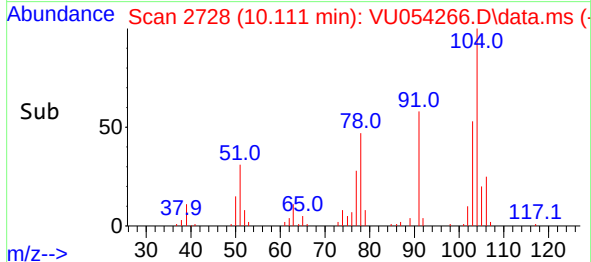
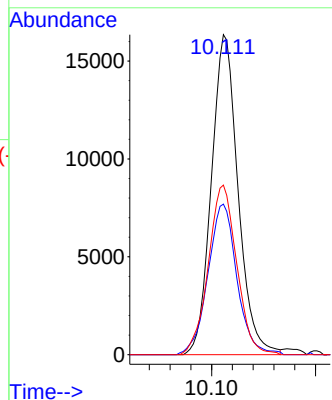
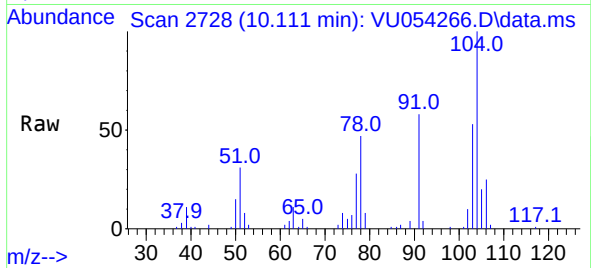




#70
Styrene
Concen: 4.385 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

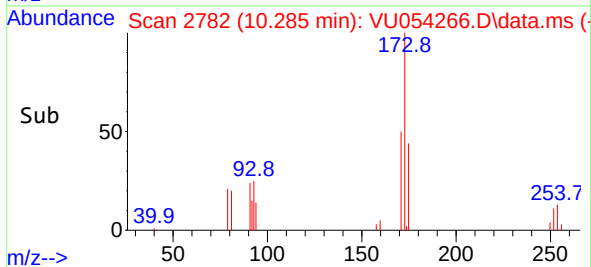
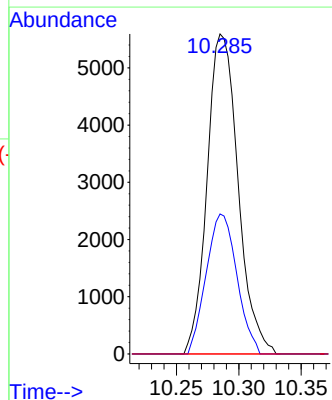
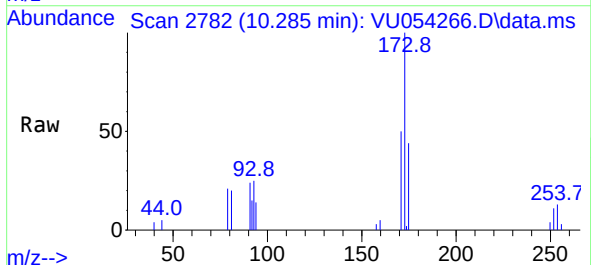
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

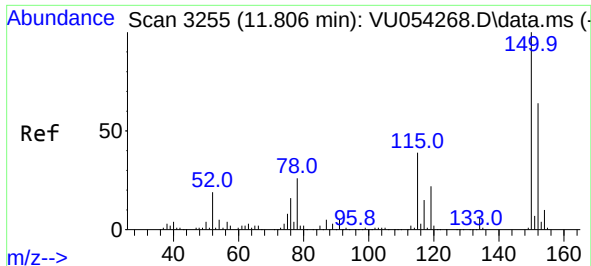
Tgt Ion:104 Resp: 29176
Ion Ratio Lower Upper
104 100
78 51.1 38.0 57.0
103 56.3 43.9 65.9



#71
Bromoform
Concen: 4.792 ug/l
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:173 Resp: 9663
Ion Ratio Lower Upper
173 100
175 43.3 24.1 72.2
254 0.0 0.1 0.1#

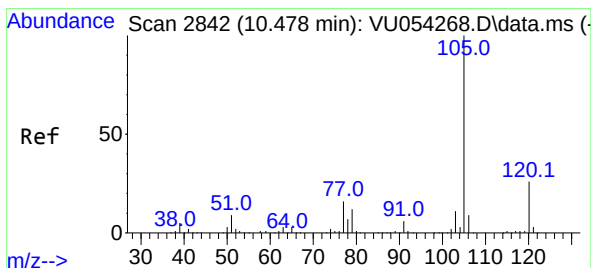
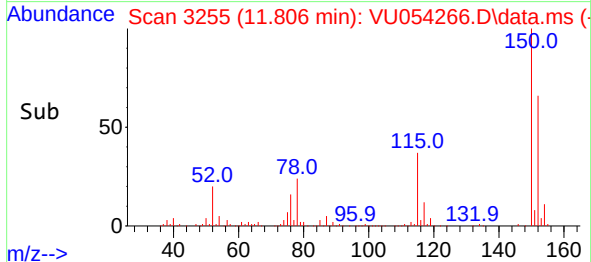
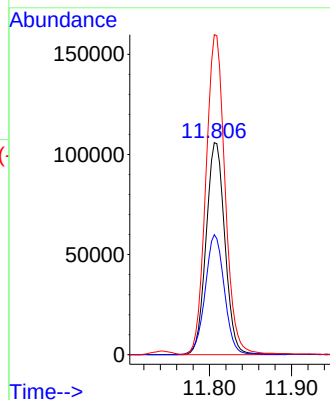
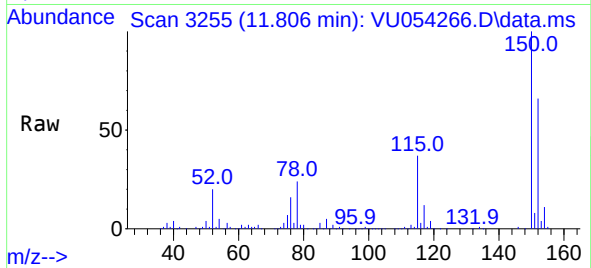




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

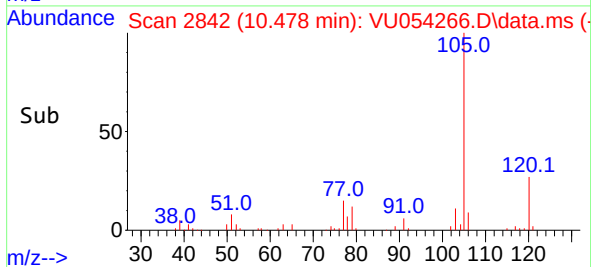
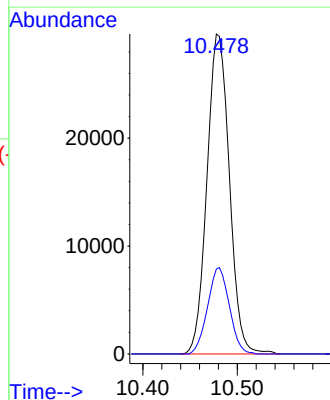
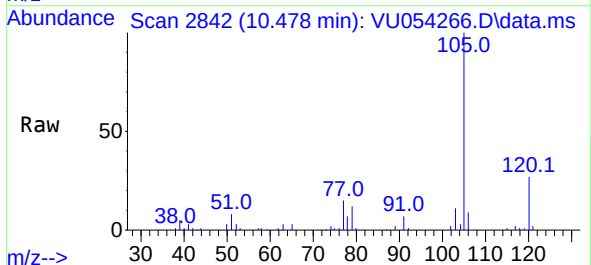
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

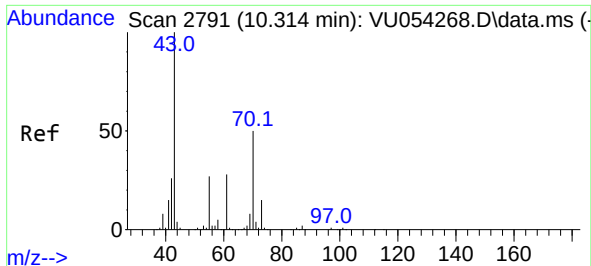
Tgt Ion:152 Resp: 168573
Ion Ratio Lower Upper
152 100
115 58.0 37.0 110.9
150 153.6 0.0 342.2



#73
Isopropylbenzene
Concen: 4.674 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:105 Resp: 48794
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4



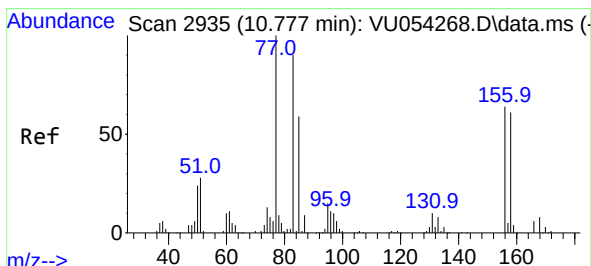
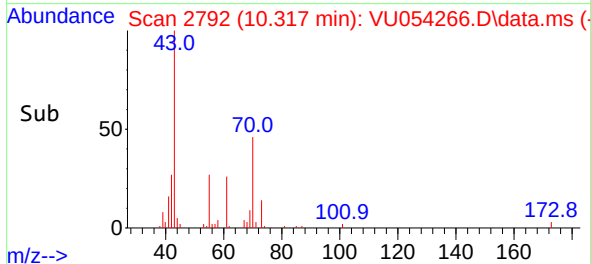
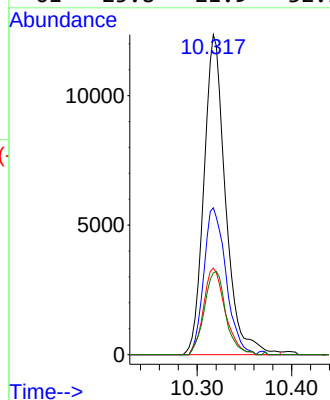
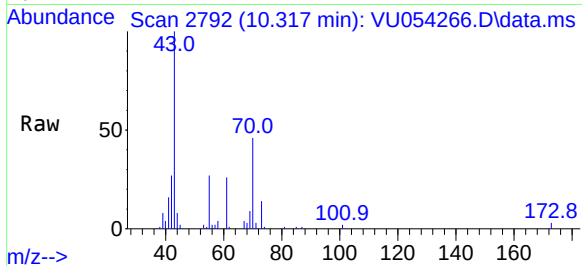


#74
N-amy1 acetate
Concen: 4.424 ug/l
RT: 10.317 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 19609

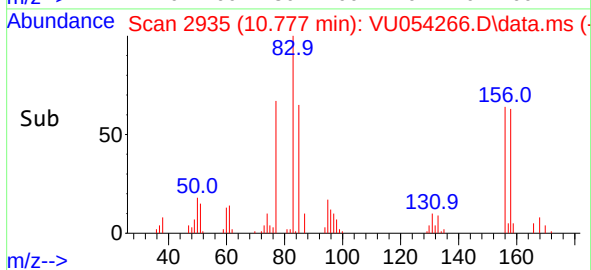
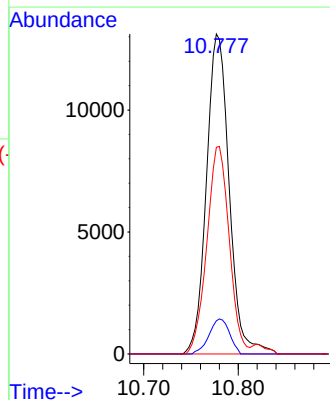
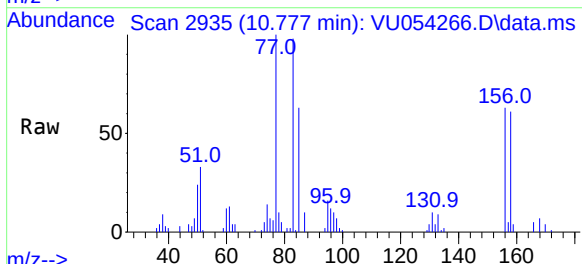
Ion	Ratio	Lower	Upper
43	100		
70	47.0	38.7	58.1
55	27.0	21.8	32.8
61	25.8	21.9	32.9

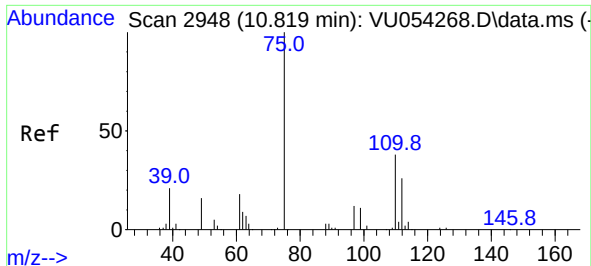


#75
1,1,2,2-Tetrachloroethane
Concen: 5.191 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 83 Resp: 21928

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.4
85	63.7	32.2	96.6

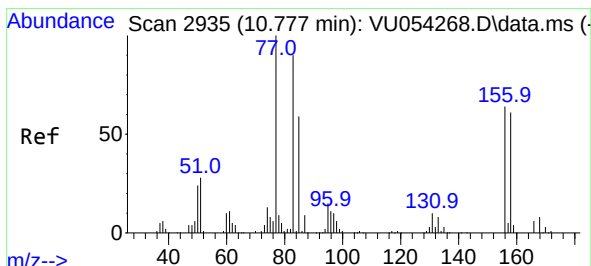
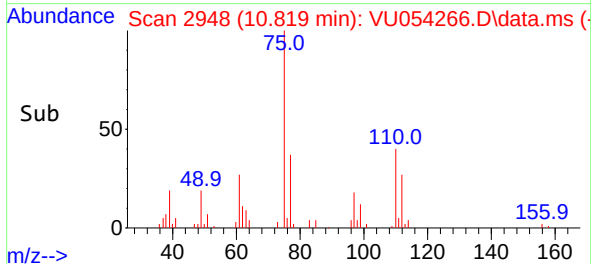
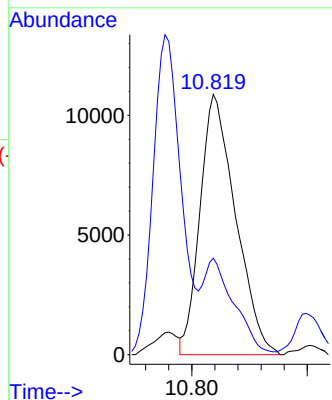
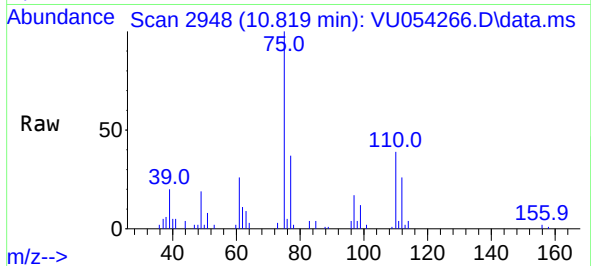




#76
1,2,3-Trichloropropane
Concen: 4.696 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

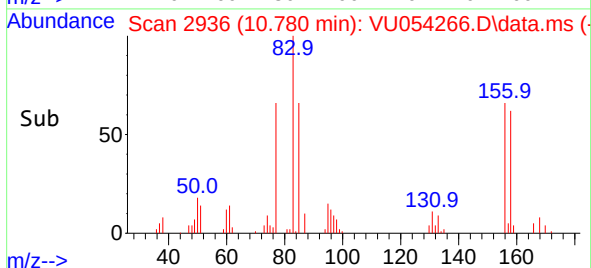
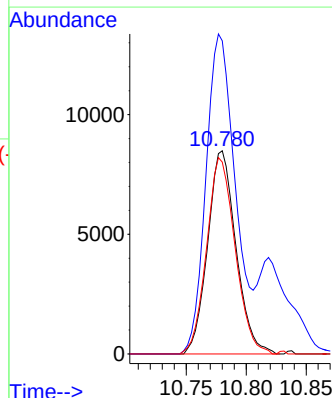
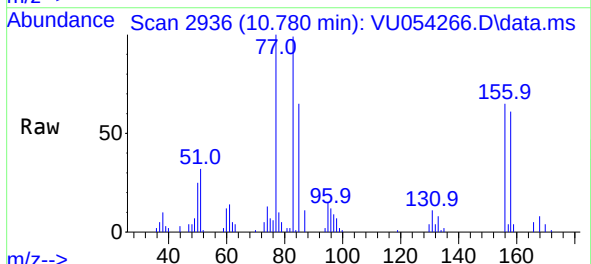
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

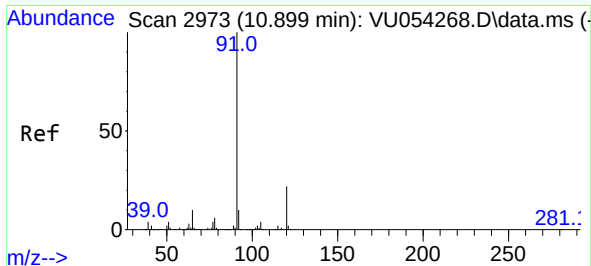
Tgt Ion: 75 Resp: 23253
Ion Ratio Lower Upper
75 100
77 31.9 15.8 47.3



#77
Bromobenzene
Concen: 4.866 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:156 Resp: 13949
Ion Ratio Lower Upper
156 100
77 163.1 71.9 215.6
158 97.4 48.9 146.8

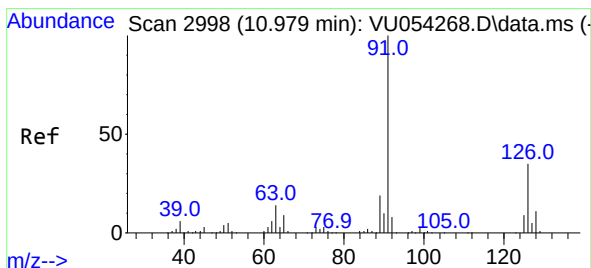
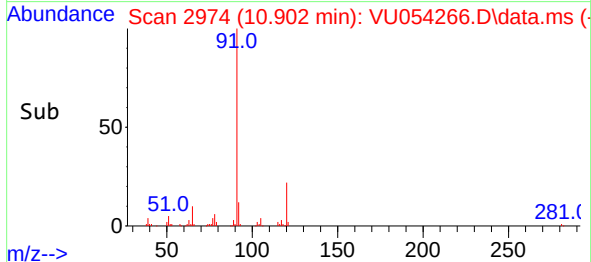
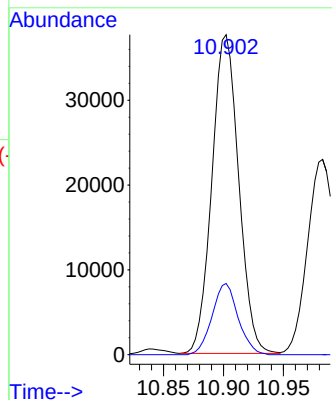
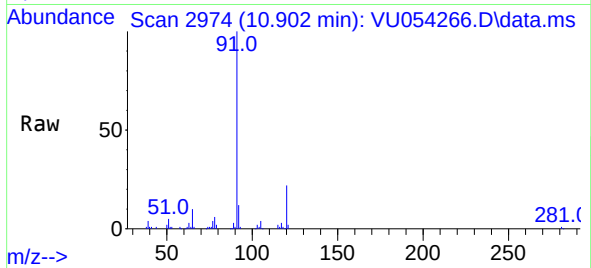




#78
n-propylbenzene
Concen: 4.564 ug/l
RT: 10.902 min Scan# 2973
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

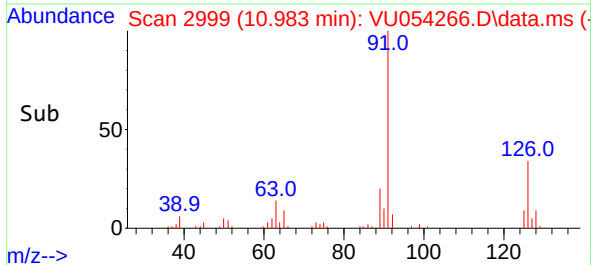
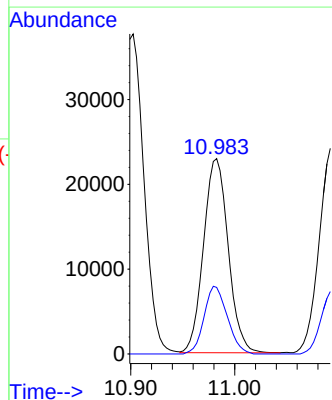
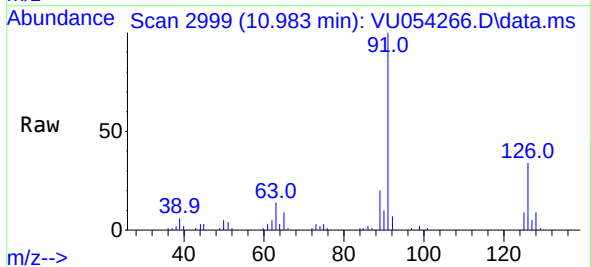
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

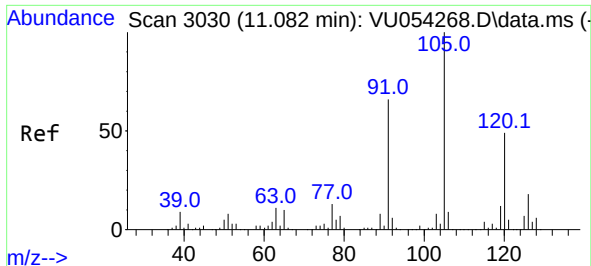
Tgt Ion: 91 Resp: 58369
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 4.875 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 91 Resp: 37745
Ion Ratio Lower Upper
91 100
126 32.8 18.4 55.0

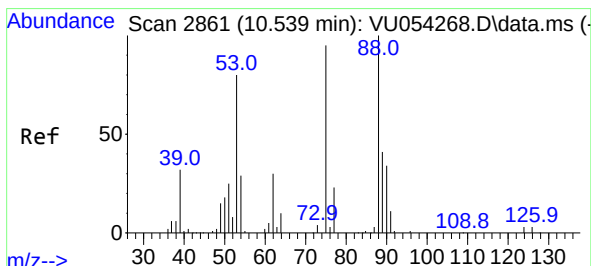
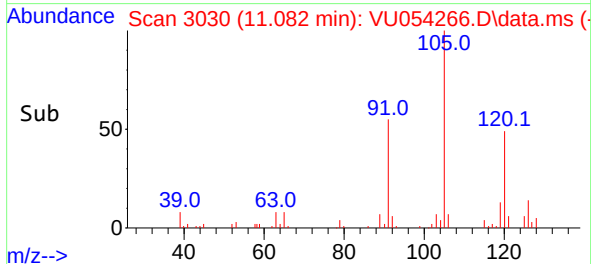
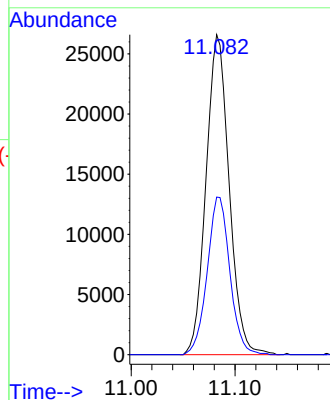
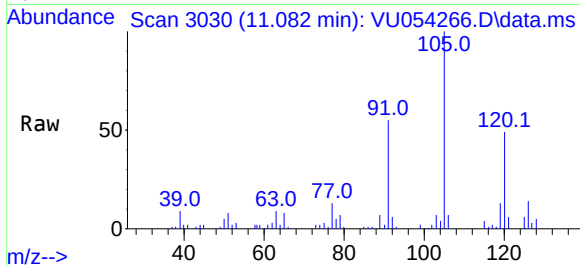




#80
1,3,5-Trimethylbenzene
Concen: 4.625 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

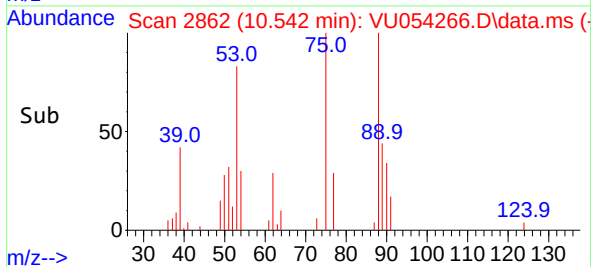
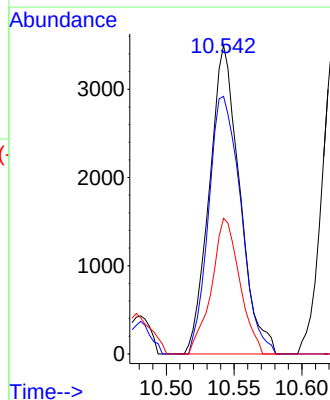
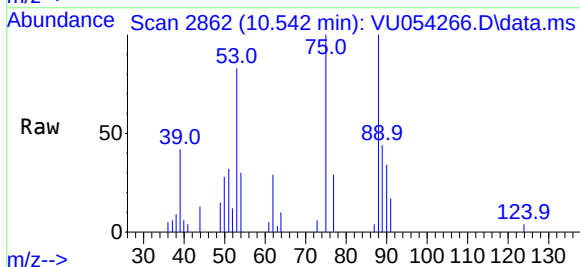
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

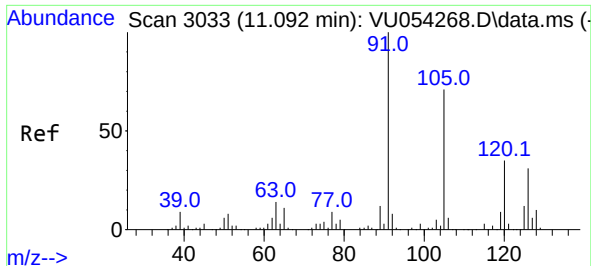
Tgt Ion:105 Resp: 41061
Ion Ratio Lower Upper
105 100
120 48.3 25.3 75.9



#81
trans-1,4-Dichloro-2-butene
Concen: 4.200 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 75 Resp: 5426
Ion Ratio Lower Upper
75 100
53 88.7 69.2 103.8
89 40.8 37.0 55.6

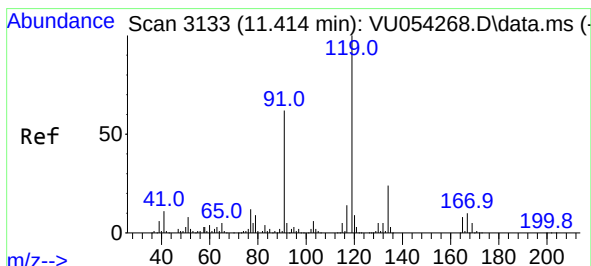
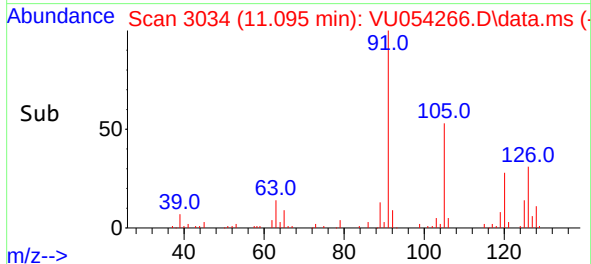
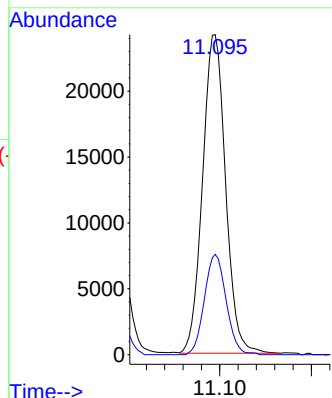
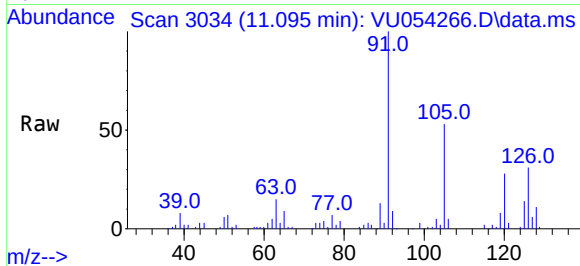




#82
4-Chlorotoluene
Concen: 4.635 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

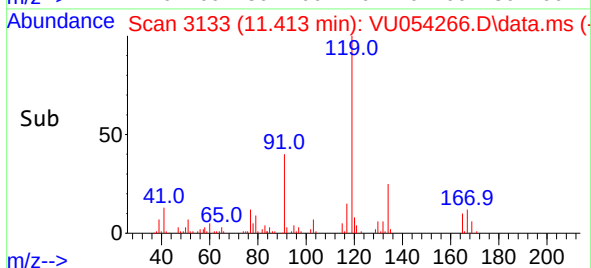
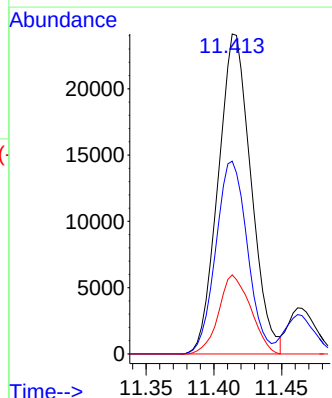
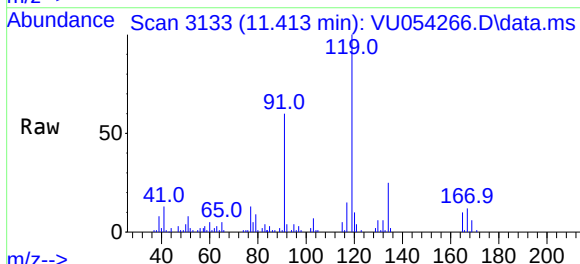
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

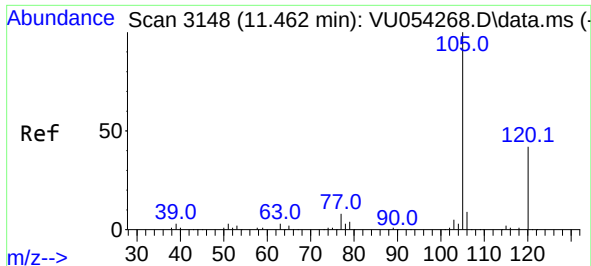
Tgt Ion: 91 Resp: 42109
Ion Ratio Lower Upper
91 100
126 29.7 16.1 48.2



#83
tert-Butylbenzene
Concen: 4.579 ug/l
RT: 11.413 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 119 Resp: 40657
Ion Ratio Lower Upper
119 100
91 57.9 26.8 80.3
134 23.9 11.5 34.5

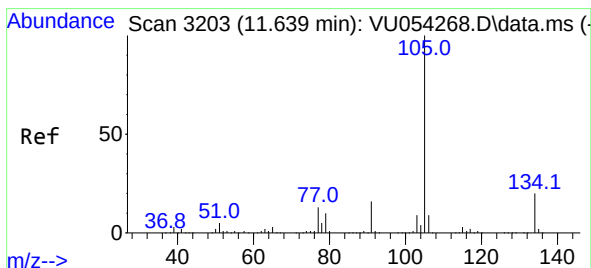
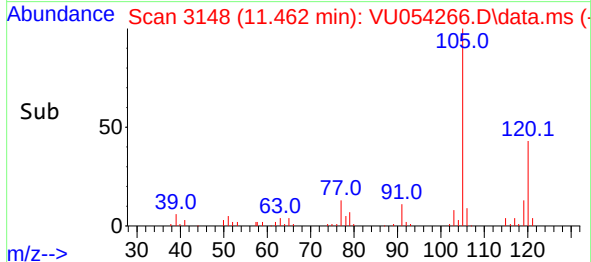
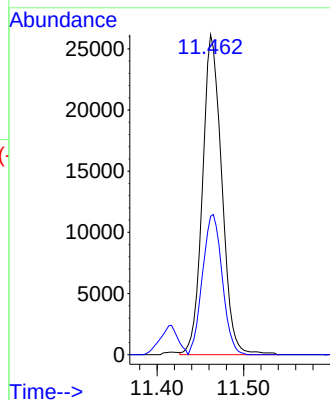
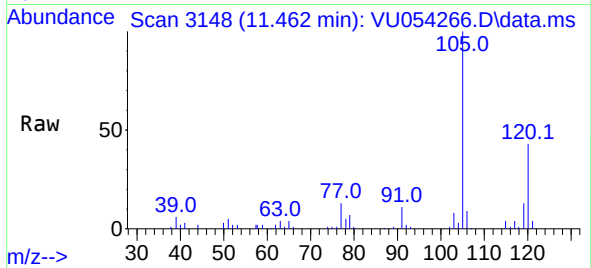




#84
1,2,4-Trimethylbenzene
Concen: 4.592 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

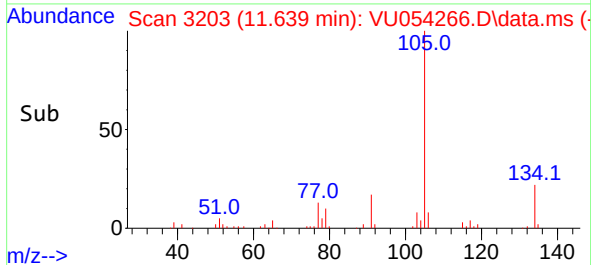
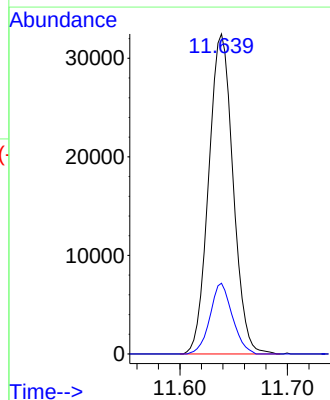
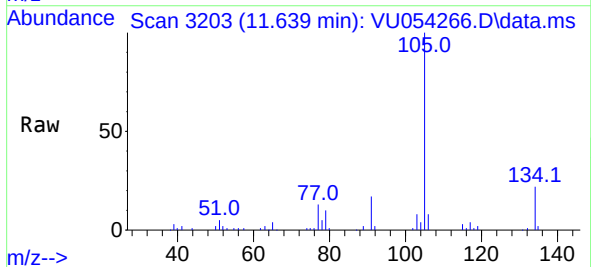
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

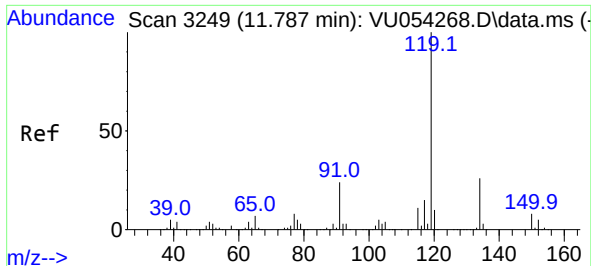
Tgt Ion:105 Resp: 40557
Ion Ratio Lower Upper
105 100
120 44.7 23.4 70.3



#85
sec-Butylbenzene
Concen: 4.543 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:105 Resp: 51173
Ion Ratio Lower Upper
105 100
134 20.3 10.4 31.1

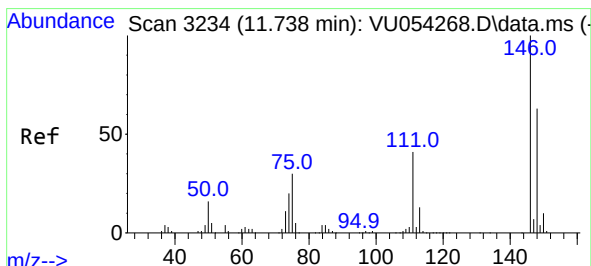
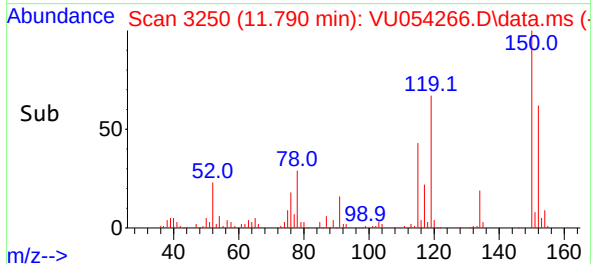
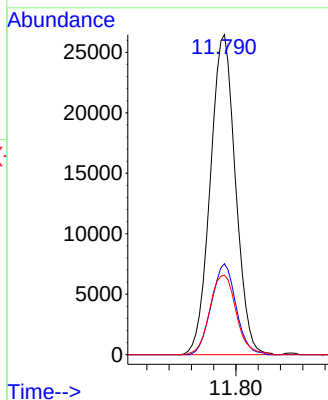
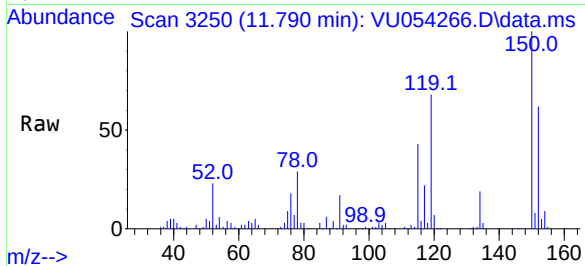




#86
p-Isopropyltoluene
Concen: 4.382 ug/l
RT: 11.790 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

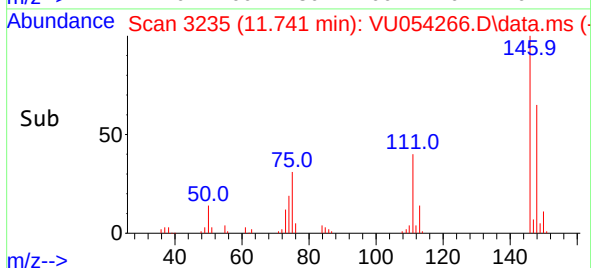
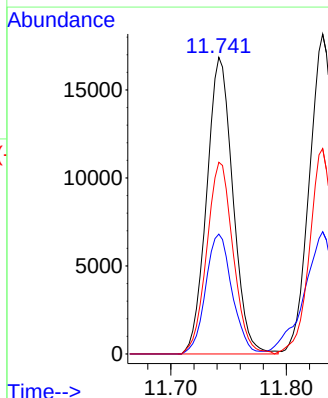
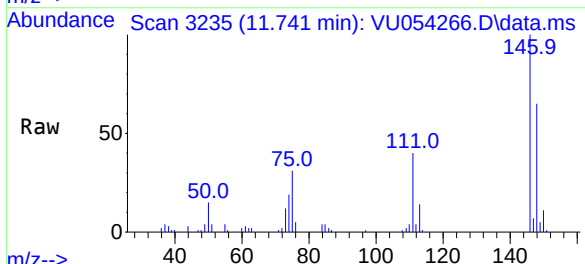
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

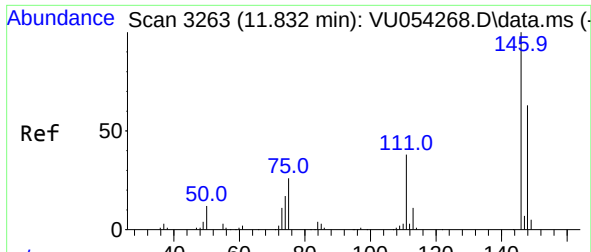
Tgt Ion:	119	Resp:	41516
Ion Ratio	Lower	Upper	
119	100		
134	27.8	13.5	40.4
91	26.2	11.2	33.5



#87
1,3-Dichlorobenzene
Concen: 4.790 ug/l
RT: 11.741 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

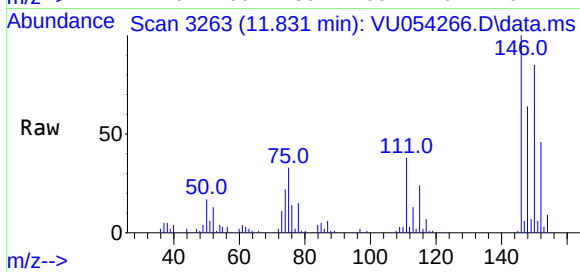
Tgt Ion:	146	Resp:	26587
Ion Ratio	Lower	Upper	
146	100		
111	40.8	18.9	56.5
148	65.0	31.9	95.9



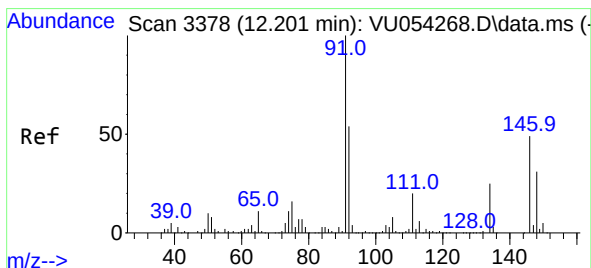
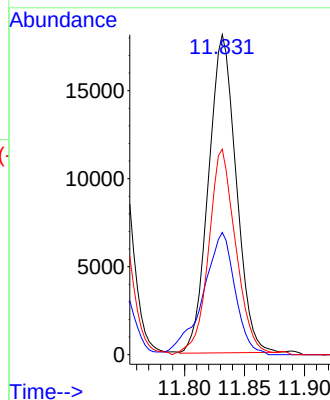
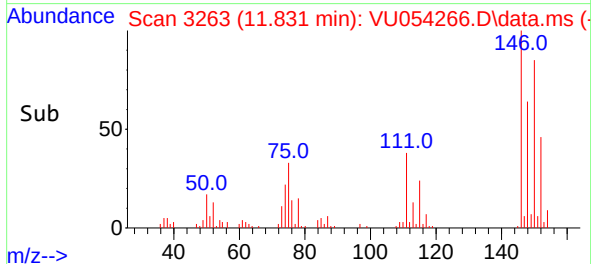


#88
1,4-Dichlorobenzene
Concen: 5.088 ug/l
RT: 11.831 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

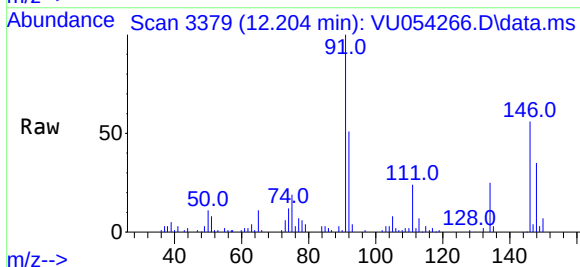
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



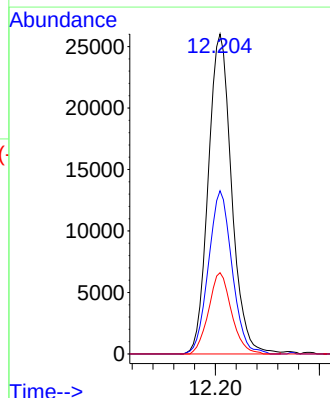
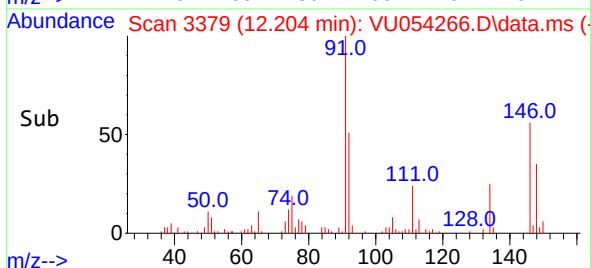
Tgt Ion:146 Resp: 28938
Ion Ratio Lower Upper
146 100
111 44.6 18.5 55.5
148 63.6 31.9 95.7

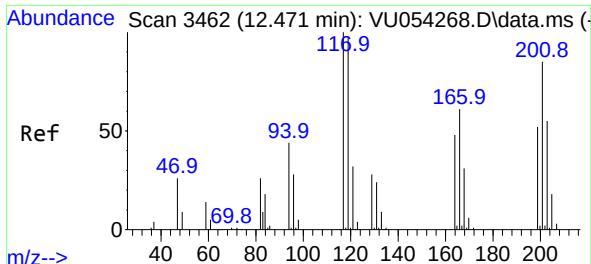


#89
n-Butylbenzene
Concen: 4.540 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21



Tgt Ion: 91 Resp: 40495
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.6
134 24.9 13.5 40.4

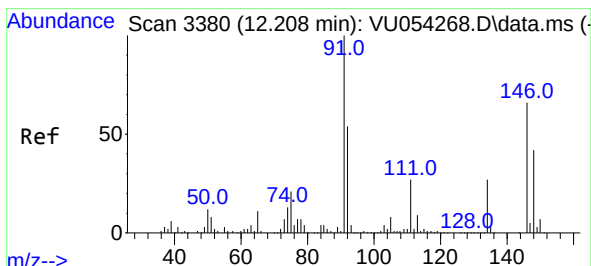
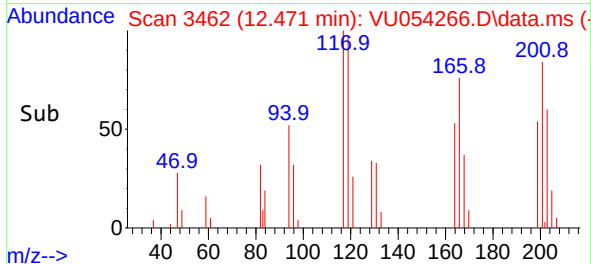
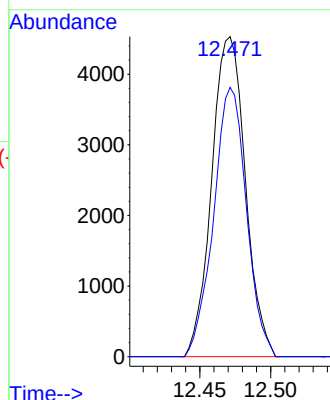
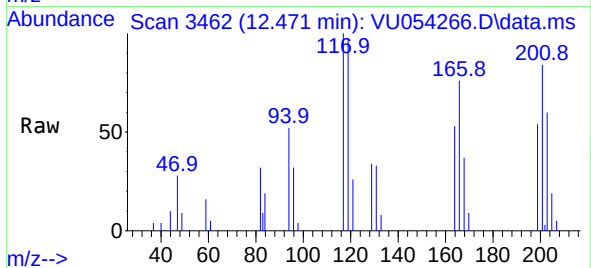




#90
Hexachloroethane
Concen: 4.478 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

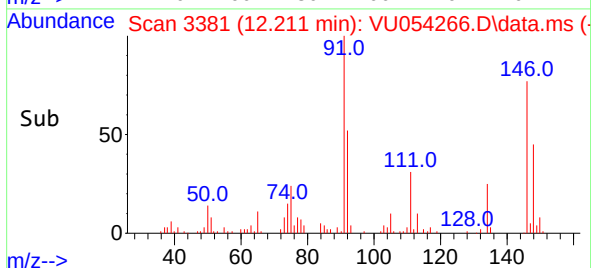
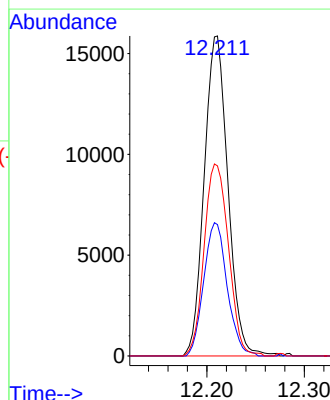
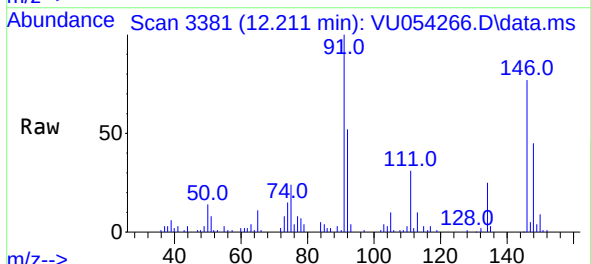
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

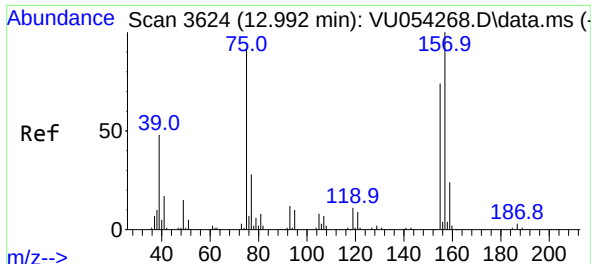
Tgt Ion:117 Resp: 7507
Ion Ratio Lower Upper
117 100
201 81.8 44.6 134.0



#91
1,2-Dichlorobenzene
Concen: 4.919 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion:146 Resp: 26861
Ion Ratio Lower Upper
146 100
111 41.2 19.9 59.6
148 61.7 32.1 96.5



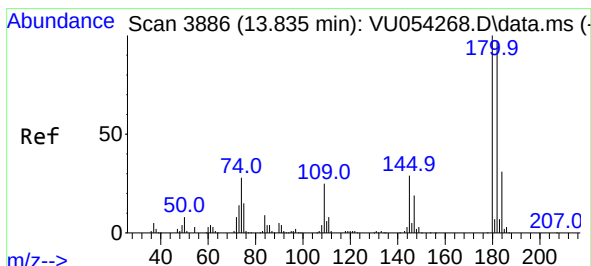
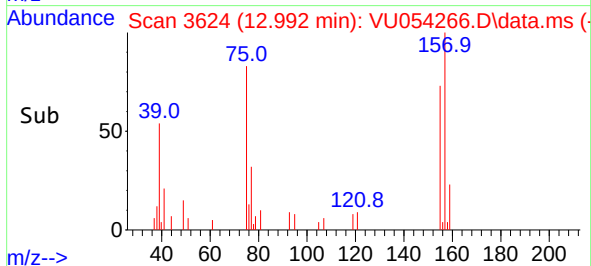
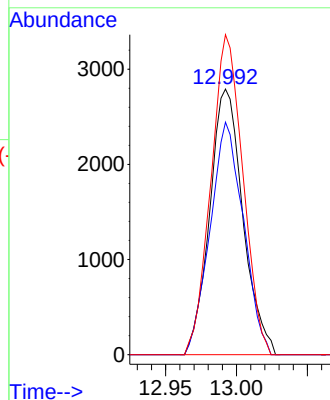
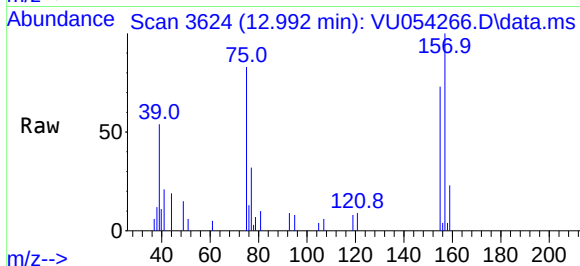


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.721 ug/l
RT: 12.992 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 4548

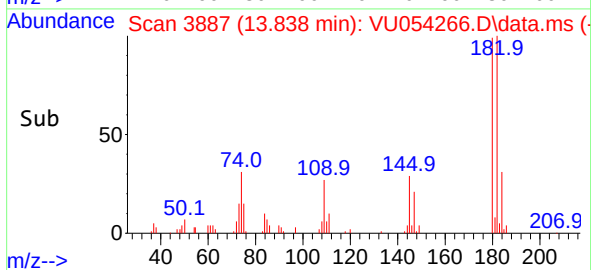
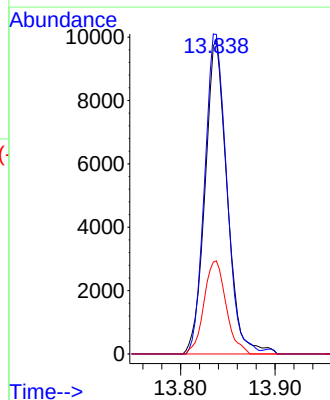
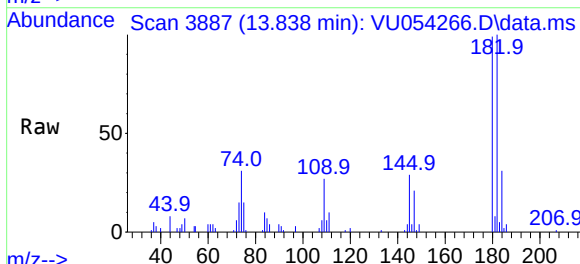
Ion	Ratio	Lower	Upper
75	100		
155	87.6	47.8	143.4
157	116.0	62.2	186.5

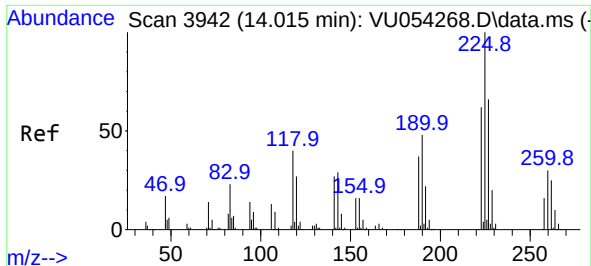


#93
1,2,4-Trichlorobenzene
Concen: 5.655 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

Tgt Ion: 180 Resp: 16083

Ion	Ratio	Lower	Upper
180	100		
182	101.6	47.9	143.6
145	29.6	14.0	41.9

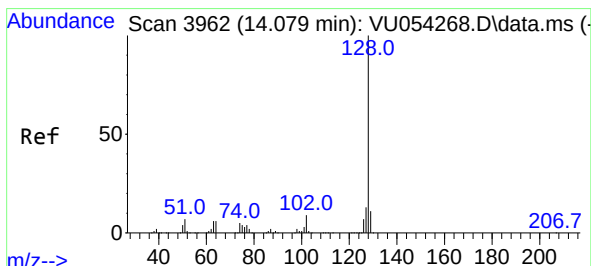
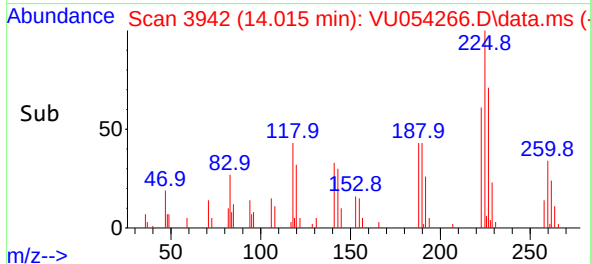
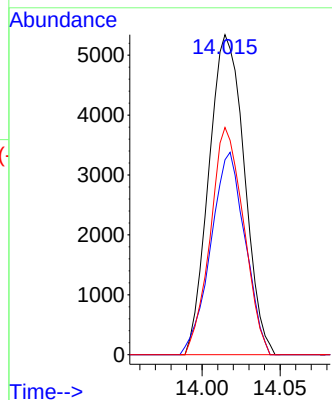
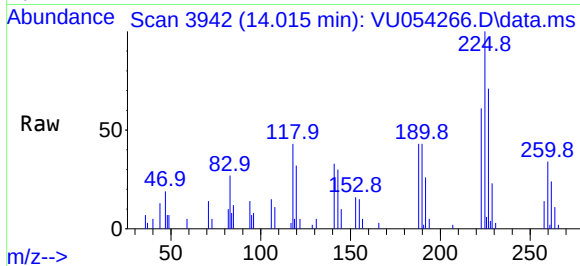




#94
Hexachlorobutadiene
Concen: 5.445 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

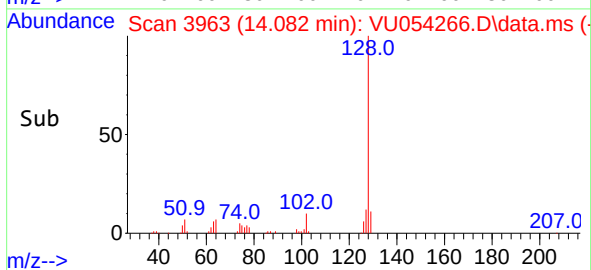
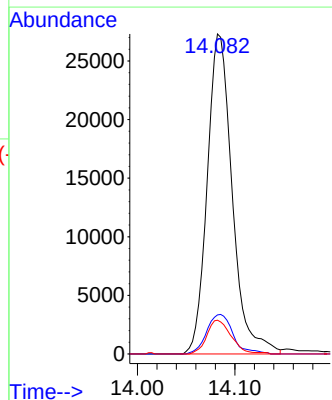
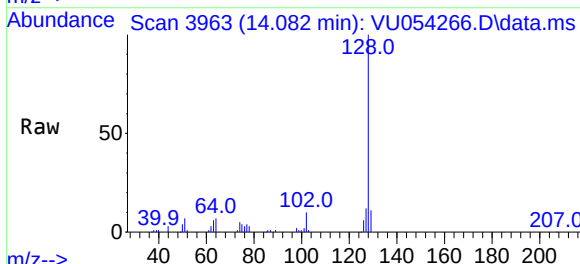
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

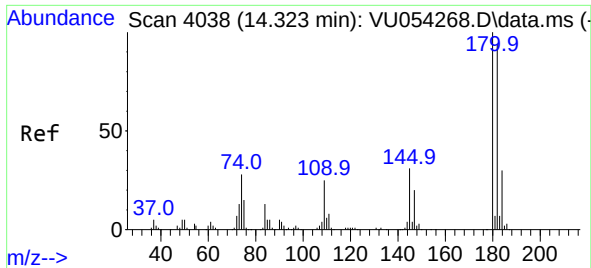
Tgt Ion:	225	Resp:	8449
Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.3	93.9
227	66.5	32.0	96.2



#95
Naphthalene
Concen: 5.766 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU054266.D
Acq: 25 May 2023 14:21

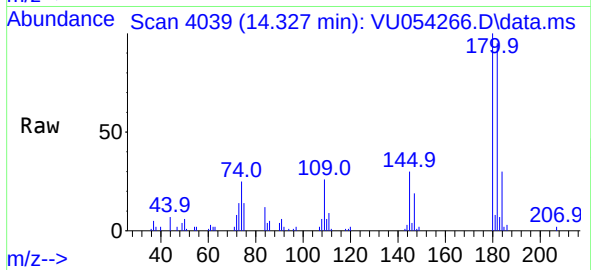
Tgt Ion:	128	Resp:	48727
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 5.477 ug/l
 RT: 14.327 min Scan# 4038
 Delta R.T. 0.004 min
 Lab File: VU054266.D
 Acq: 25 May 2023 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	16640
Ion Ratio	Lower	Upper	
180	100		
182	99.1	48.4	145.0
145	32.1	14.8	44.4

