

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048670.D
 Acq On : 26 May 2022 10:19
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	209145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	334956	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	302908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	142555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	17325	5.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.040%#
35) Dibromofluoromethane	5.292	113	12636	5.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.580%#
50) Toluene-d8	7.896	98	43596	5.089	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	10.180%#
62) 4-Bromofluorobenzene	10.636	95	14255	4.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12442	5.197	ug/l	98
3) Chloromethane	1.523	50	15840	5.139	ug/l	99
4) Vinyl Chloride	1.604	62	14649	5.132	ug/l	96
5) Bromomethane	1.855	94	11484	6.447	ug/l	93
6) Chloroethane	1.932	64	9075	5.103	ug/l	97
7) Trichlorofluoromethane	2.138	101	20909	5.129	ug/l	96
8) Diethyl Ether	2.375	74	7466	4.962	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.581	101	11885	5.326	ug/l	97
10) Methyl Iodide	2.723	142	8978	3.050	ug/l	97
11) Tert butyl alcohol	3.192	59	23251	56.914	ug/l #	31
12) 1,1-Dichloroethene	2.584	96	10960	5.149	ug/l	97
13) Acrolein	2.488	56	12837	41.813	ug/l	100
14) Allyl chloride	2.925	41	20187	4.896	ug/l	98
15) Acrylonitrile	3.321	53	43590	25.239	ug/l	97
16) Acetone	2.633	43	37953	23.710	ug/l	99
17) Carbon Disulfide	2.793	76	31957	5.143	ug/l	99
18) Methyl Acetate	2.951	43	20094	5.000	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	40411	5.003	ug/l	98
20) Methylene Chloride	3.047	84	13998	5.142	ug/l	93
21) trans-1,2-Dichloroethene	3.356	96	12105	4.971	ug/l	94
22) Diisopropyl ether	3.996	45	37297	4.904	ug/l #	83
23) Vinyl Acetate	3.957	43	146891	22.293	ug/l	99
24) 1,1-Dichloroethane	3.874	63	24002	5.025	ug/l	98
25) 2-Butanone	4.707	43	53150	23.113	ug/l	100
26) 2,2-Dichloropropane	4.671	77	21940	5.120	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	13902	4.933	ug/l	98
28) Bromochloromethane	4.977	49	9980	5.327	ug/l #	96
29) Tetrahydrofuran	5.057	42	34422	23.385	ug/l	97
30) Chloroform	5.089	83	24802	5.190	ug/l	94
31) Cyclohexane	5.385	56	21504	5.433	ug/l #	75
32) 1,1,1-Trichloroethane	5.314	97	22247	5.131	ug/l	96
36) 1,1-Dichloropropene	5.526	75	17360	4.978	ug/l	97
37) Ethyl Acetate	4.809	43	18159	3.994	ug/l	96
38) Carbon Tetrachloride	5.523	117	20237	5.058	ug/l	96
39) Methylcyclohexane	6.764	83	16893	4.619	ug/l	95
40) Benzene	5.774	78	50131	4.869	ug/l	96

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Instrument :
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 ClientSampleId :
 VSTDICC005

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	10448	4.689	ug/l	99
42) 1,2-Dichloroethane	5.793	62	20186	5.008	ug/l	98
43) Isopropyl Acetate	5.915	43	30604	4.782	ug/l	98
44) Trichloroethene	6.542	130	13238	4.990	ug/l	95
45) 1,2-Dichloropropane	6.790	63	12771	4.927	ug/l	100
46) Dibromomethane	6.919	93	9403	4.855	ug/l	99
47) Bromodichloromethane	7.105	83	19056	4.866	ug/l	98
48) Methyl methacrylate	6.960	41	12568	4.375	ug/l	99
49) 1,4-Dioxane	6.983	88	5384	83.837	ug/l #	70
51) 4-Methyl-2-Pentanone	7.793	43	96418	23.204	ug/l	98
52) Toluene	7.970	92	29196	4.740	ug/l	94
53) t-1,3-Dichloropropene	8.211	75	19651	4.651	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	20659	4.719	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	12828	4.719	ug/l #	93
56) Ethyl methacrylate	8.337	69	16745	4.414	ug/l	97
57) 1,3-Dichloropropane	8.578	76	21077	4.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	12515	16.855	ug/l	97
59) 2-Hexanone	8.687	43	74586	21.864	ug/l	95
60) Dibromochloromethane	8.809	129	13871	4.552	ug/l	93
61) 1,2-Dibromoethane	8.925	107	13820	4.617	ug/l	99
64) Tetrachloroethene	8.552	164	12165	5.226	ug/l	96
65) Chlorobenzene	9.446	112	31724	4.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	12268	5.045	ug/l	95
67) Ethyl Benzene	9.571	91	49362	4.568	ug/l	99
68) m/p-Xylenes	9.693	106	40542	9.593	ug/l	99
69) o-Xylene	10.102	106	18208	4.385	ug/l	96
70) Styrene	10.115	104	29979	4.390	ug/l	98
71) Bromoform	10.288	173	10809	4.807	ug/l #	99
73) Isopropylbenzene	10.484	105	45544	4.949	ug/l	100
74) N-amyl acetate	10.320	43	16316	4.101	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.783	83	18471	4.918	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	23066	5.874	ug/l	97
77) Bromobenzene	10.783	156	13358	5.404	ug/l	94
78) n-propylbenzene	10.906	91	52737	4.809	ug/l	97
79) 2-Chlorotoluene	10.986	91	34410	5.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	38962	4.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	5474	4.324	ug/l	87
82) 4-Chlorotoluene	11.095	91	38298	4.867	ug/l	96
83) tert-Butylbenzene	11.420	119	37484	4.880	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	36334	4.664	ug/l	99
85) sec-Butylbenzene	11.642	105	44416	4.622	ug/l	98
86) p-Isopropyltoluene	11.793	119	36594	4.434	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	24595	5.075	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	24391	4.872	ug/l	95
89) n-Butylbenzene	12.211	91	29037	4.004	ug/l	99
90) Hexachloroethane	12.475	117	8787	5.217	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	23086	4.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	5227	4.834	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	16570	5.158	ug/l	94
94) Hexachlorobutadiene	14.021	225	8977	5.830	ug/l	96
95) Naphthalene	14.089	128	41064	4.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	16169	5.082	ug/l	99

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

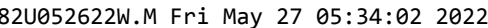
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ClientSampleId :
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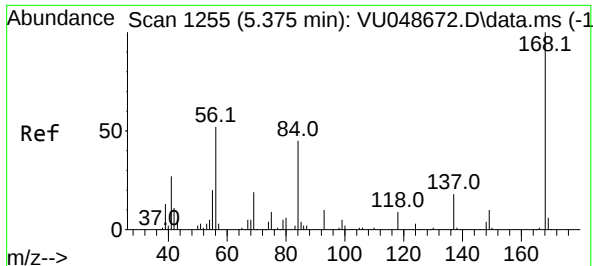
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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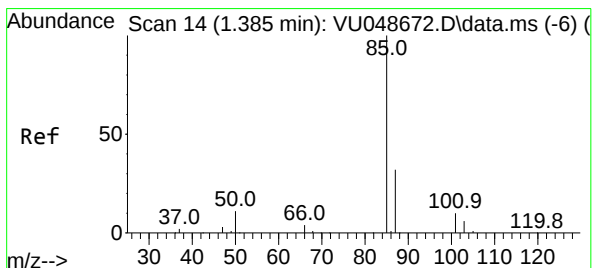
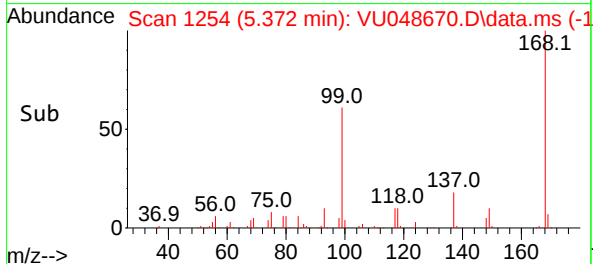
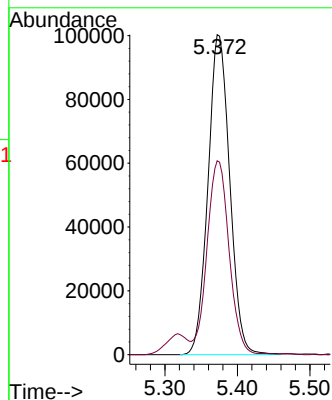
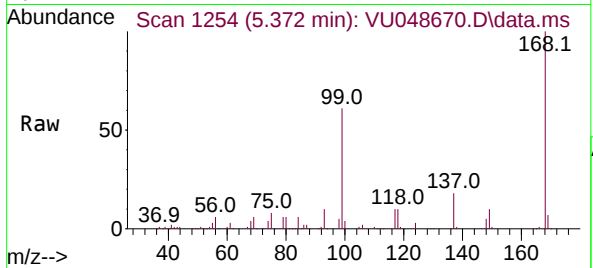




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048670.D
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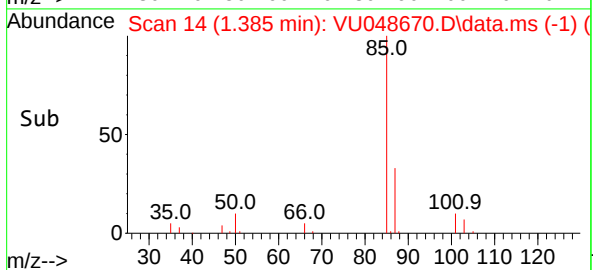
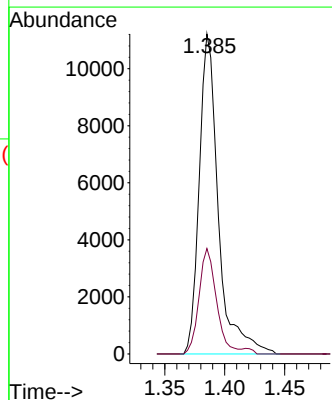
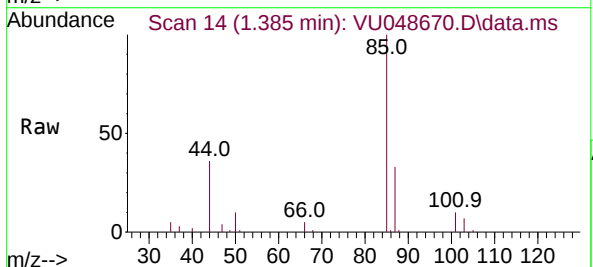
Instrument :
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ClientSampleId :
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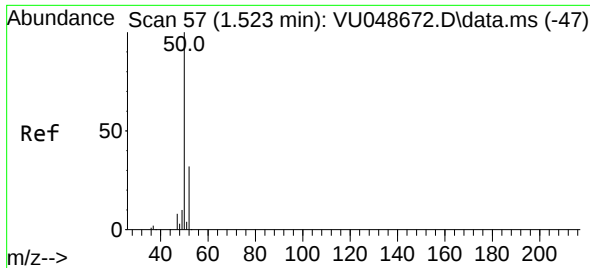
Tgt Ion:168 Resp: 209145
Ion Ratio Lower Upper
168 100
99 60.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 5.197 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 85 Resp: 12442
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

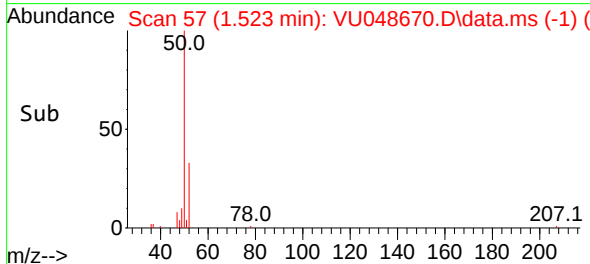
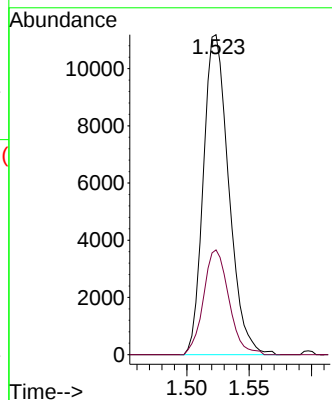
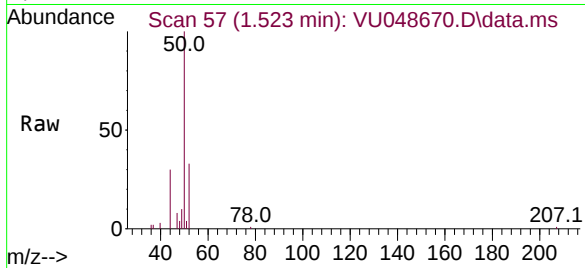




#3
Chloromethane
Concen: 5.139 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

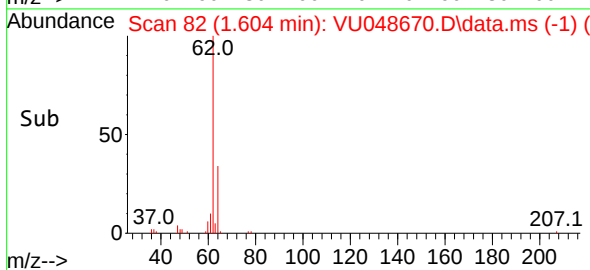
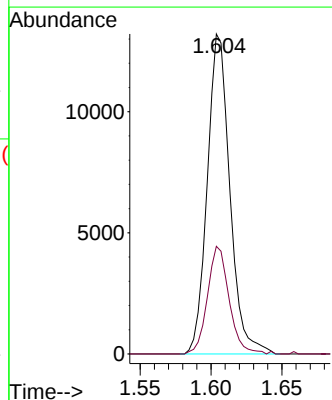
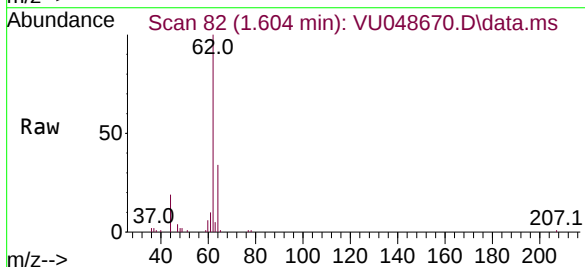
Instrument :
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ClientSampleId :
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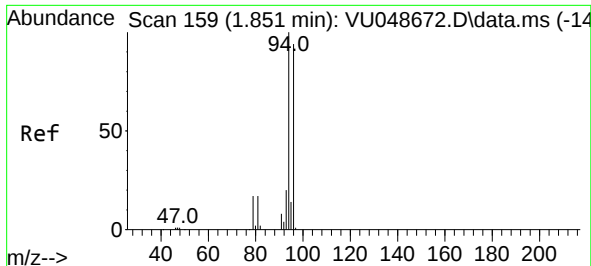
Tgt Ion: 50 Resp: 15840
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 5.132 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 62 Resp: 14649
Ion Ratio Lower Upper
62 100
64 33.7 25.2 37.8

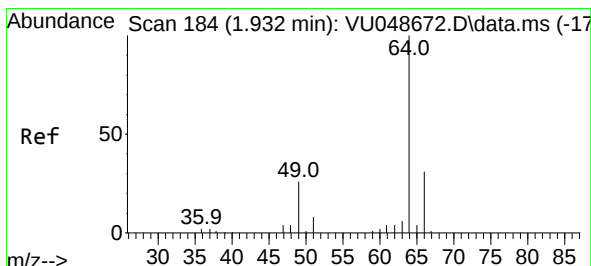
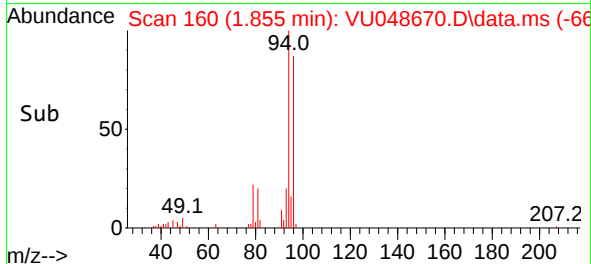
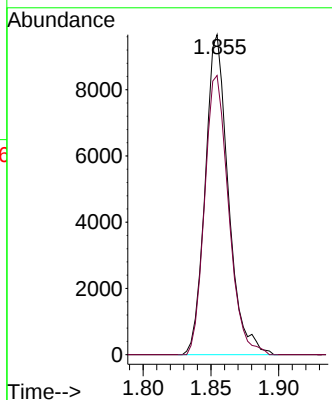
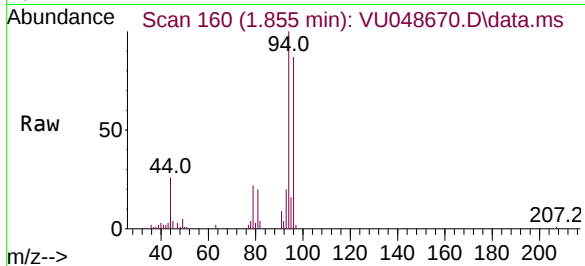




#5
Bromomethane
Concen: 6.447 ug/l
RT: 1.855 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

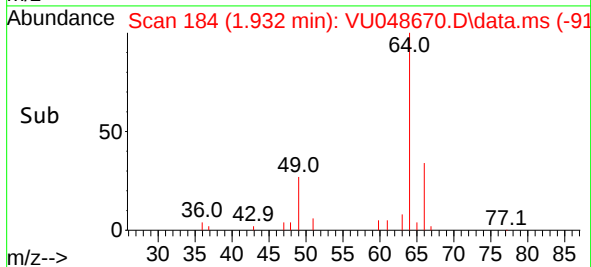
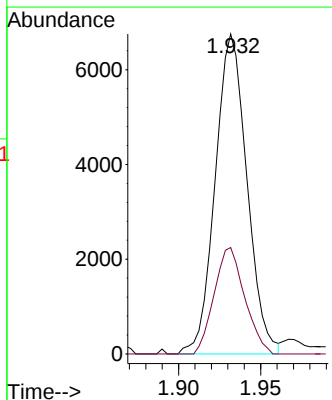
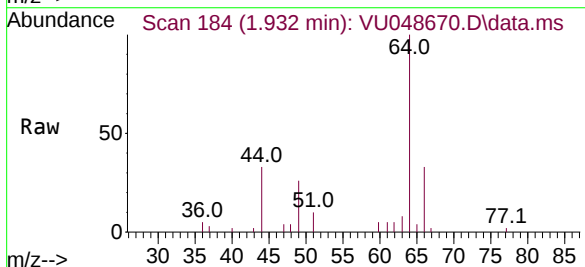
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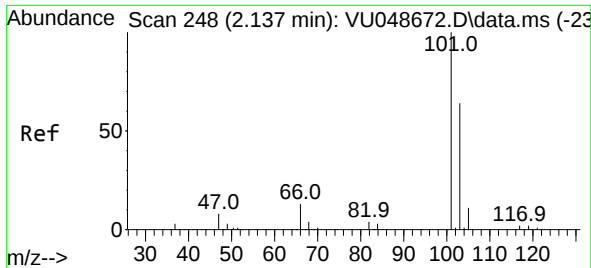
Tgt Ion: 94 Resp: 11484
Ion Ratio Lower Upper
94 100
96 87.3 75.1 112.7



#6
Chloroethane
Concen: 5.103 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 64 Resp: 9075
Ion Ratio Lower Upper
64 100
66 33.2 25.2 37.8

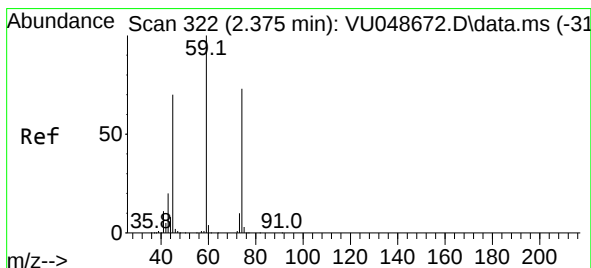
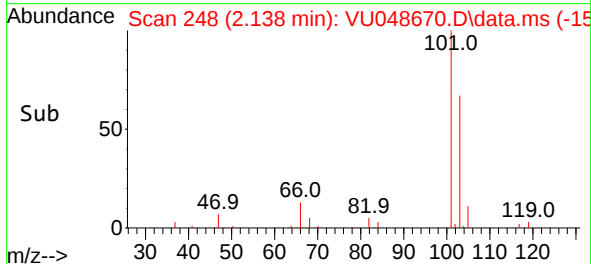
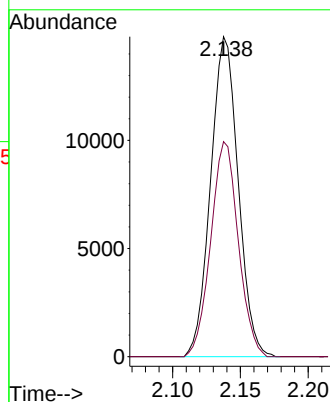
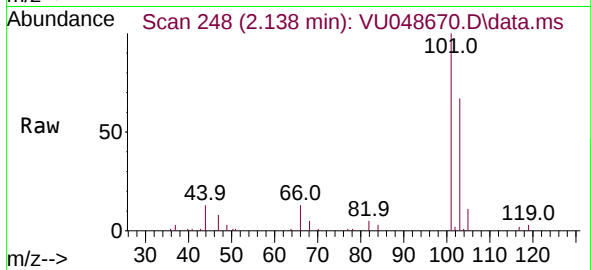




#7
 Trichlorofluoromethane
 Concen: 5.129 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

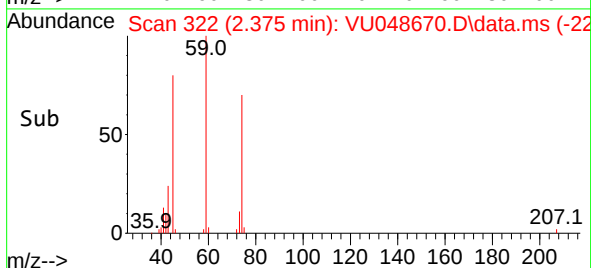
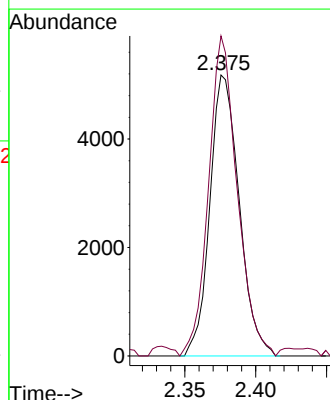
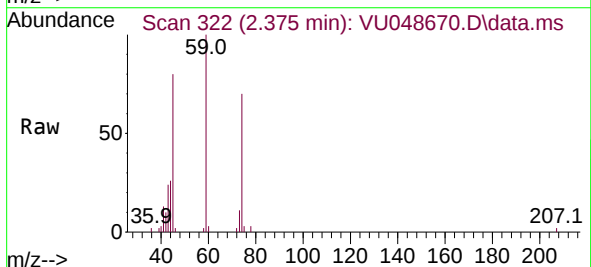
Instrument :
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 ClientSampleId :
 VSTDIC005

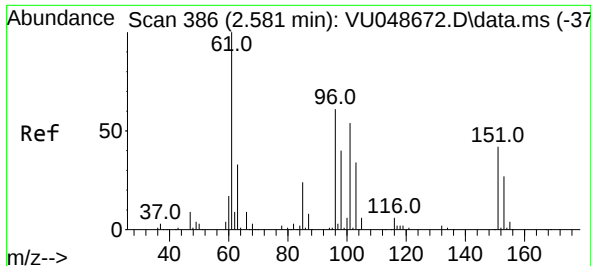
Tgt Ion:101 Resp: 20909
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.0 76.4



#8
 Diethyl Ether
 Concen: 4.962 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion: 74 Resp: 7466
 Ion Ratio Lower Upper
 74 100
 45 110.9 47.7 143.1

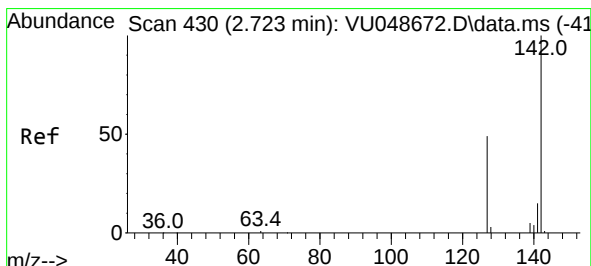
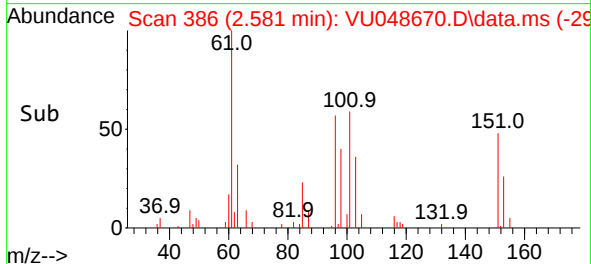
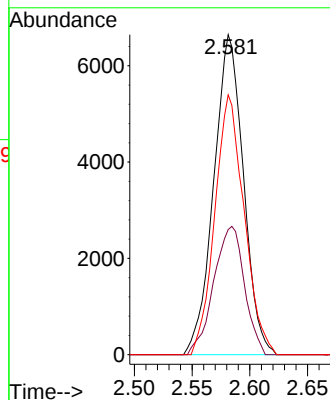
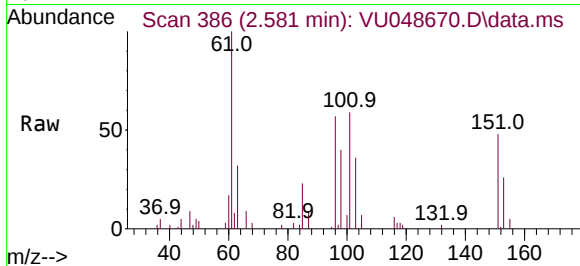




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.326 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048670.D
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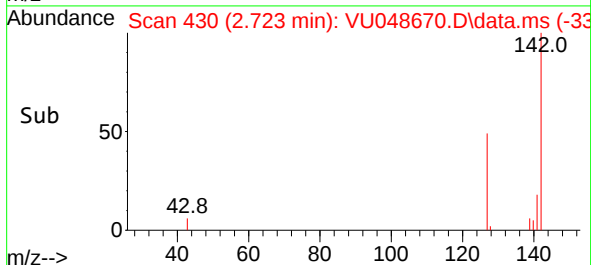
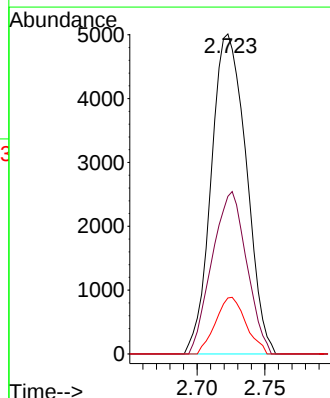
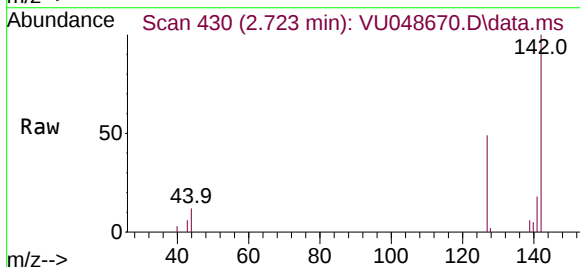
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

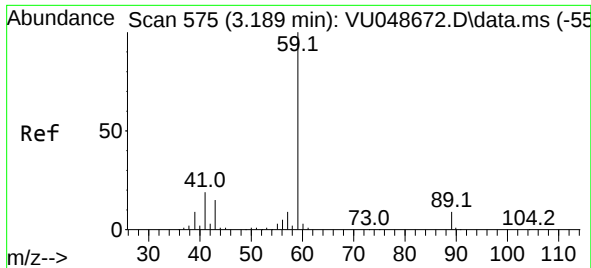
Tgt Ion:	101	Resp:	11885
Ion	Ratio	Lower	Upper
101	100		
85	41.4	35.4	53.2
151	80.3	62.5	93.7



#10
Methyl Iodide
Concen: 3.050 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:	142	Resp:	8978
Ion	Ratio	Lower	Upper
142	100		
127	50.3	38.4	57.6
141	15.4	11.5	17.3

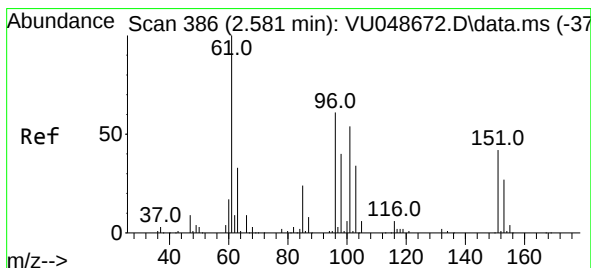
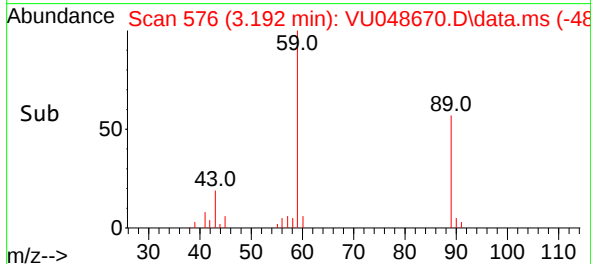
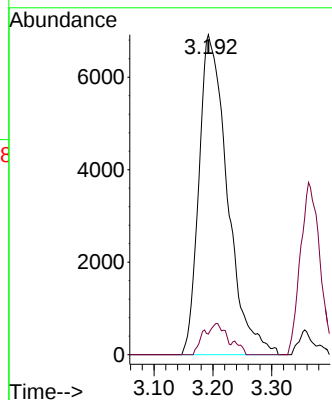
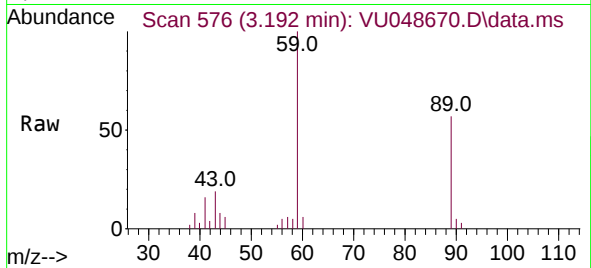




#11
Tert butyl alcohol
Concen: 56.914 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

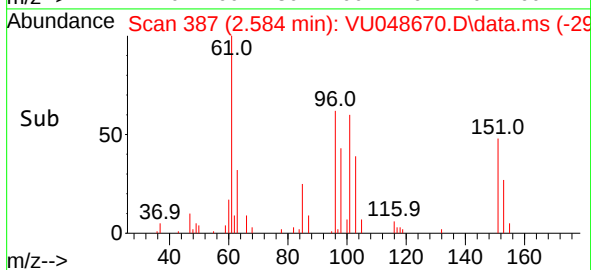
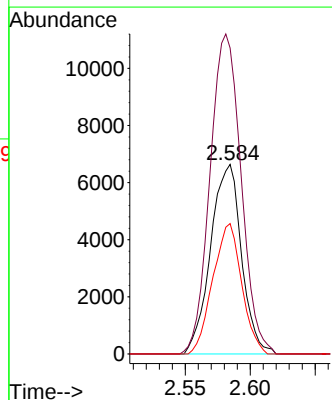
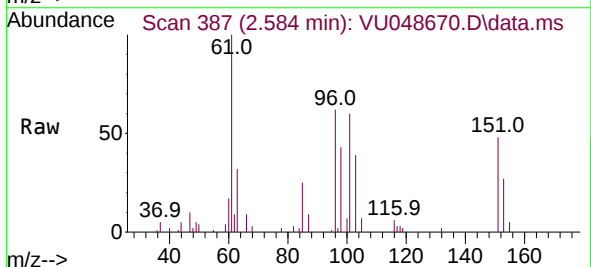
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

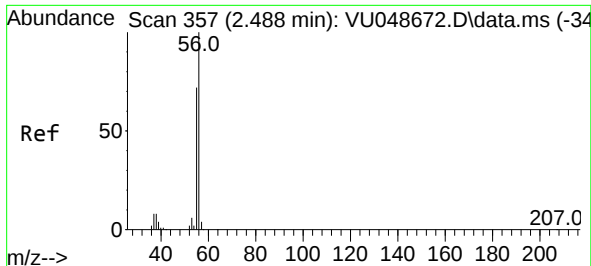
Tgt Ion: 59 Resp: 23251
Ion Ratio Lower Upper
59 100
57 2.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 5.149 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 96 Resp: 10960
Ion Ratio Lower Upper
96 100
61 161.4 131.1 196.7
98 68.8 51.8 77.8

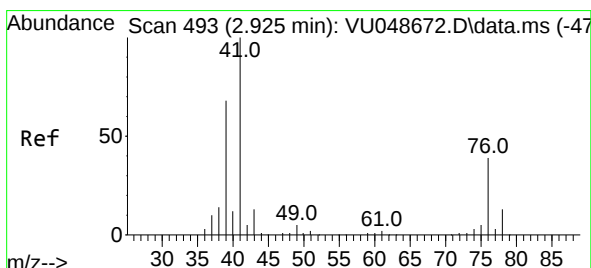
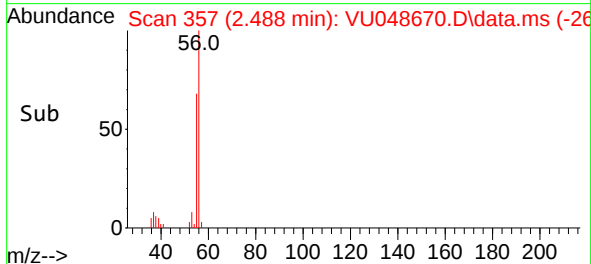
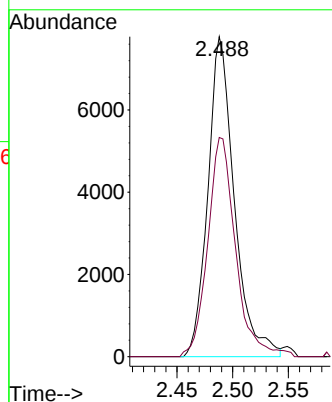
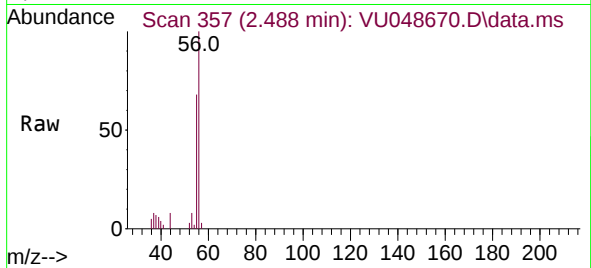




#13
Acrolein
Concen: 41.813 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

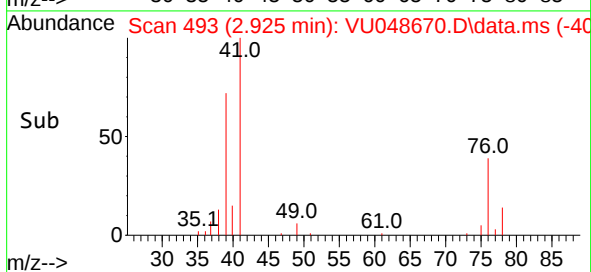
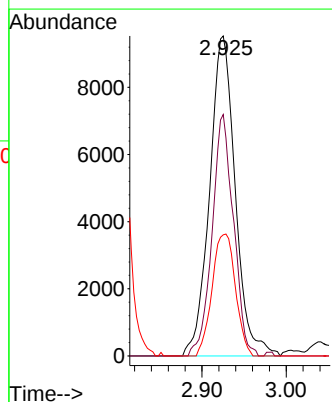
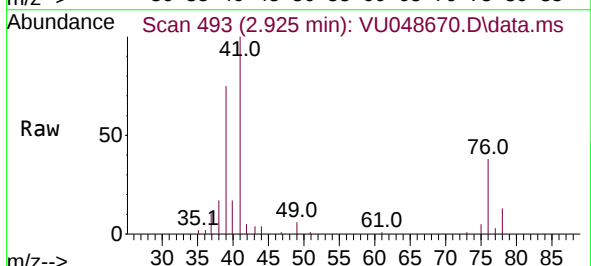
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

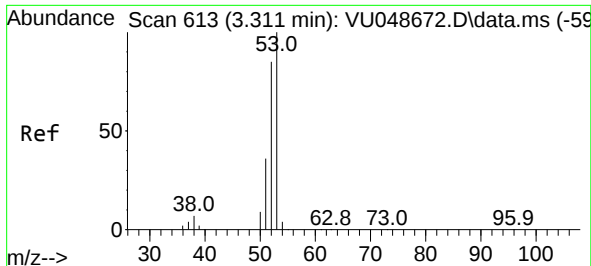
Tgt Ion: 56 Resp: 12837
Ion Ratio Lower Upper
56 100
55 72.1 57.7 86.5



#14
Allyl chloride
Concen: 4.896 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 41 Resp: 20187
Ion Ratio Lower Upper
41 100
39 62.8 48.6 72.8
76 34.6 27.0 40.4

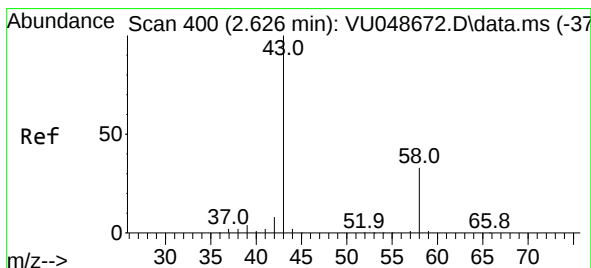
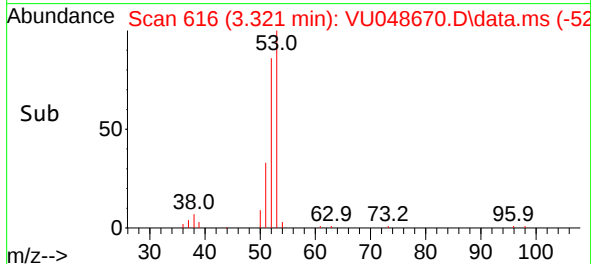
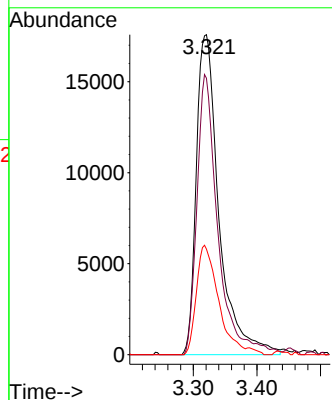
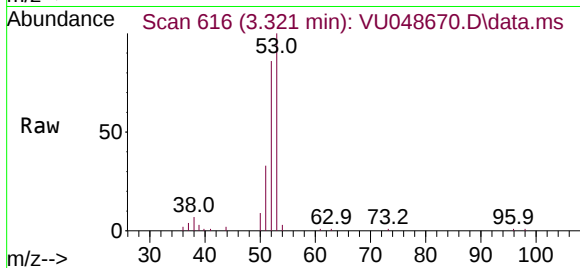




#15
Acrylonitrile
Concen: 25.239 ug/l
RT: 3.321 min Scan# 613
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

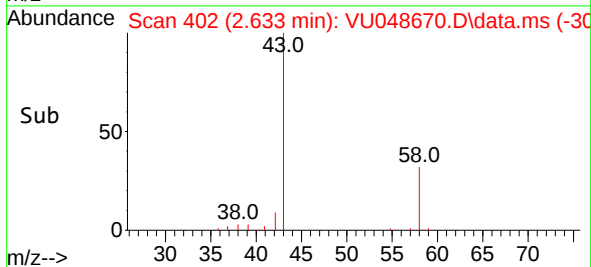
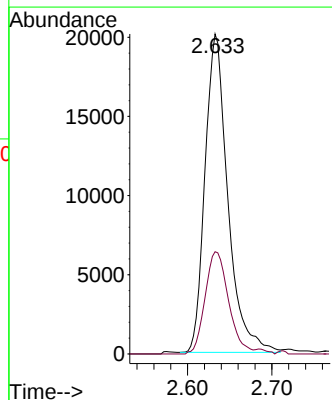
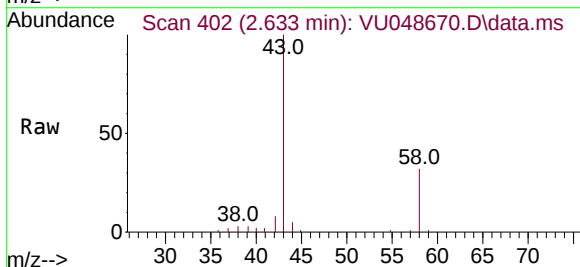
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

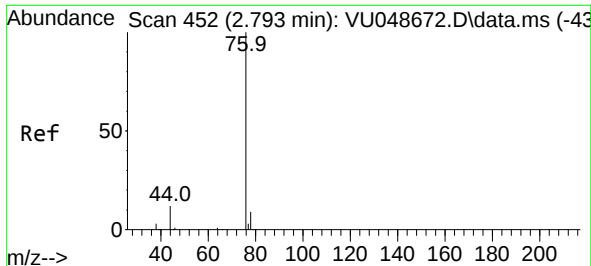
Tgt Ion: 53 Resp: 43590
Ion Ratio Lower Upper
53 100
52 80.6 66.3 99.5
51 33.1 28.6 42.8



#16
Acetone
Concen: 23.710 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 43 Resp: 37953
Ion Ratio Lower Upper
43 100
58 32.1 26.3 39.5





#17

Carbon Disulfide

Concen: 5.143 ug/l

RT: 2.793 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

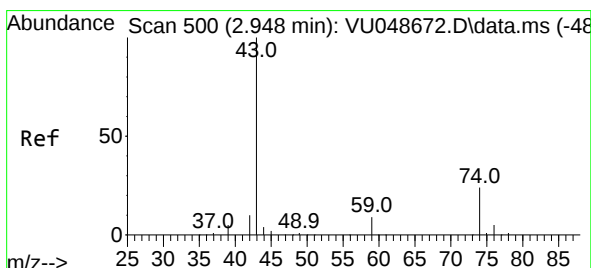
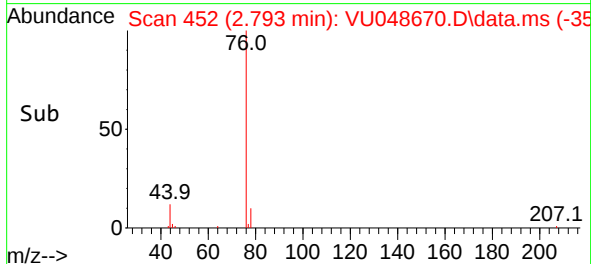
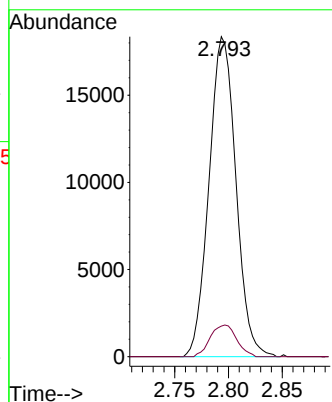
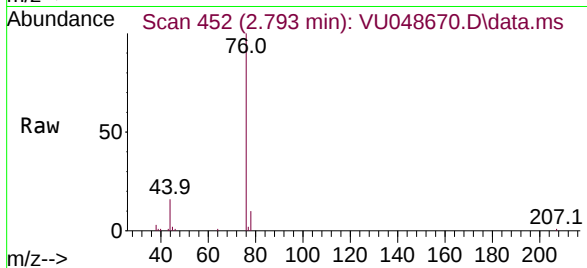
VSTDICC005

Tgt Ion: 76 Resp: 31957

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#18

Methyl Acetate

Concen: 5.000 ug/l

RT: 2.951 min Scan# 501

Delta R.T. 0.003 min

Lab File: VU048670.D

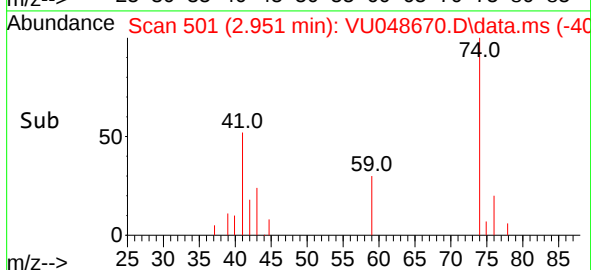
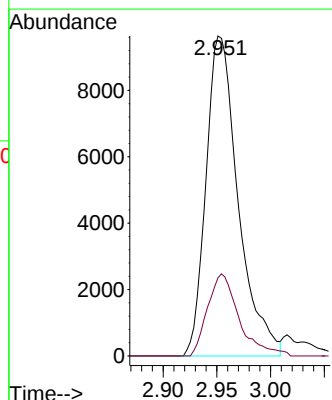
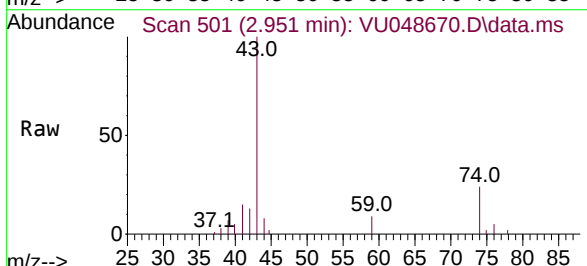
Acq: 26 May 2022 10:19

Tgt Ion: 43 Resp: 20094

Ion Ratio Lower Upper

43 100

74 25.1 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 5.003 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

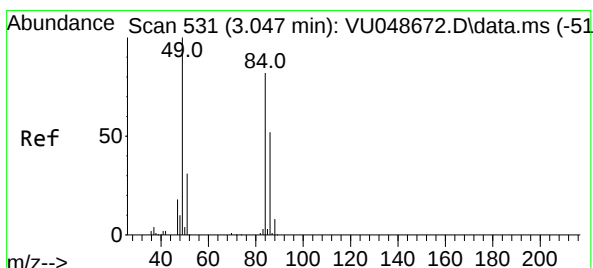
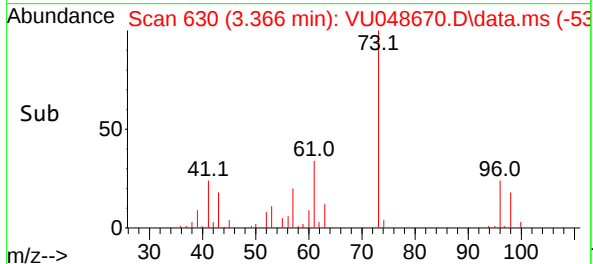
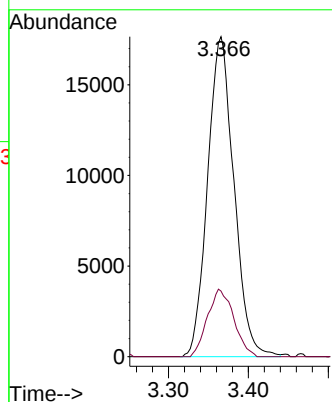
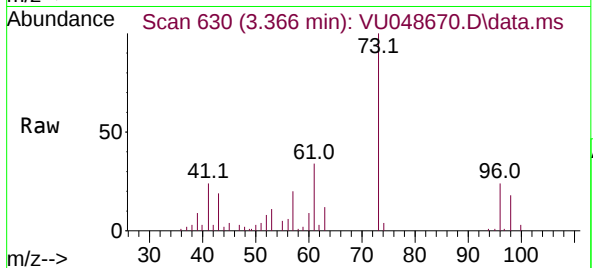
VSTDIC005

Tgt Ion: 73 Resp: 40411

Ion Ratio Lower Upper

73 100

57 20.5 17.1 25.7



#20

Methylene Chloride

Concen: 5.142 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Tgt Ion: 84 Resp: 13998

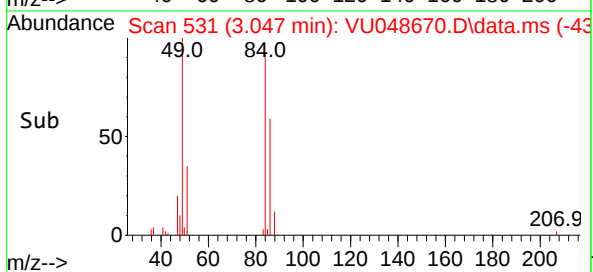
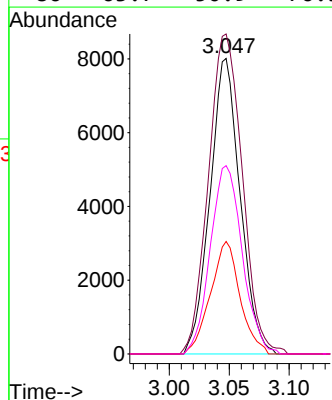
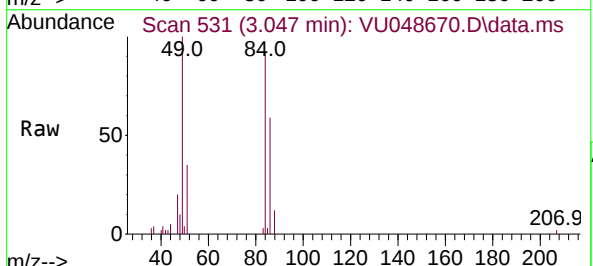
Ion Ratio Lower Upper

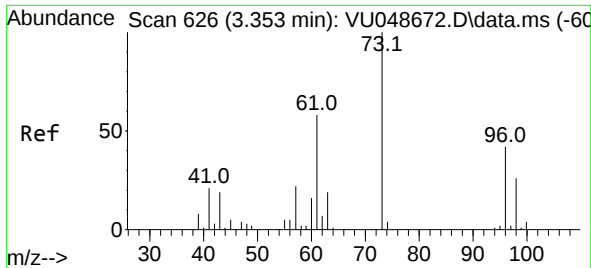
84 100

49 108.3 97.0 145.4

51 38.1 29.8 44.8

86 63.7 50.9 76.3

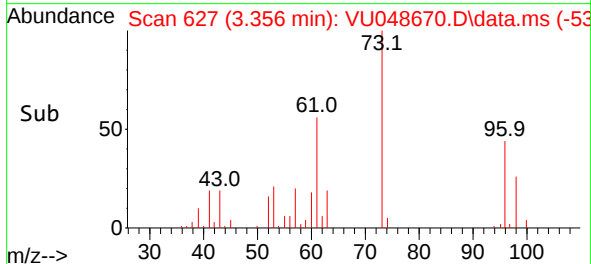
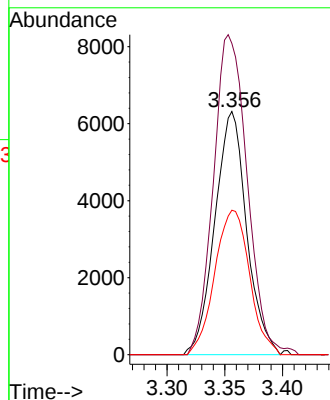
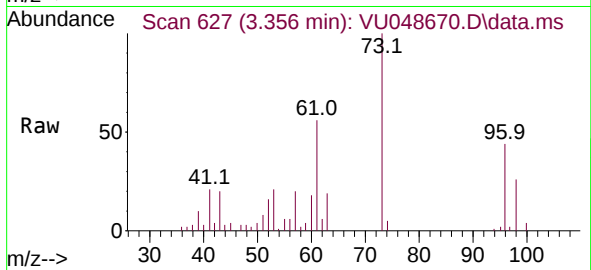




#21
trans-1,2-Dichloroethene
Concen: 4.971 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

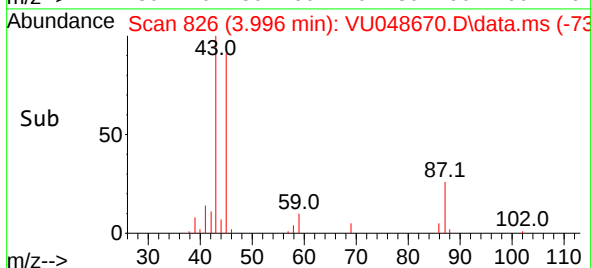
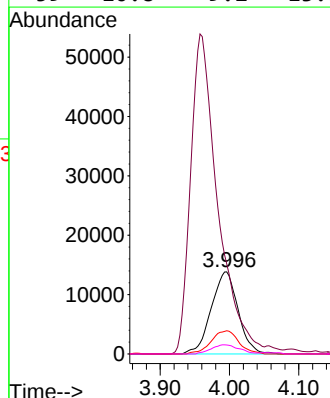
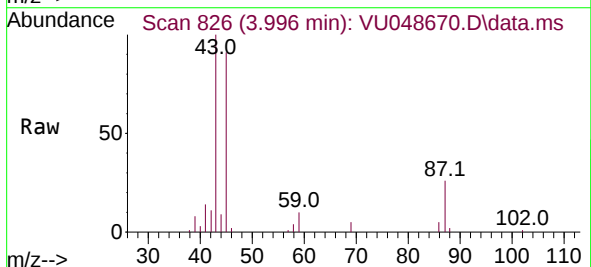
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

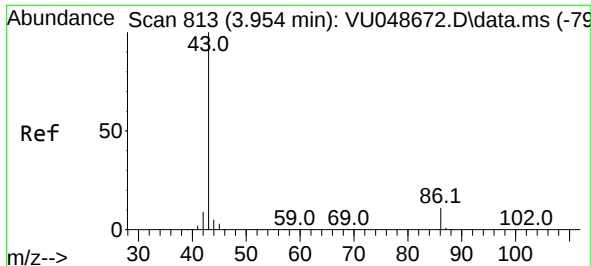
Tgt Ion: 96 Resp: 12105
Ion Ratio Lower Upper
96 100
61 127.9 109.4 164.2
98 59.4 48.9 73.3



#22
Diisopropyl ether
Concen: 4.904 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 45 Resp: 37297
Ion Ratio Lower Upper
45 100
43 104.4 65.2 97.8#
87 28.2 22.7 34.1
59 10.8 9.2 13.8

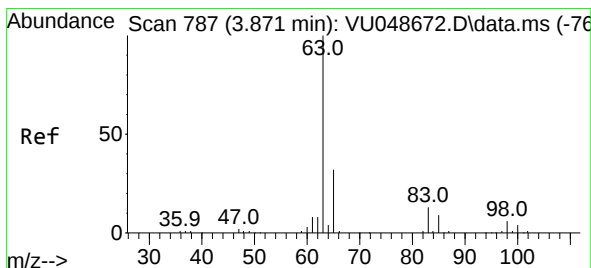
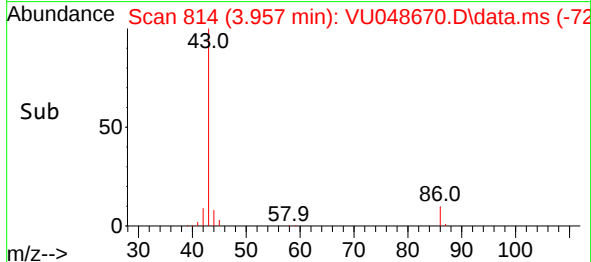
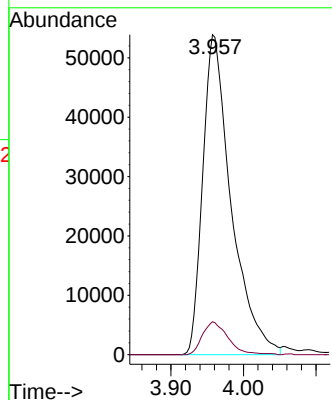
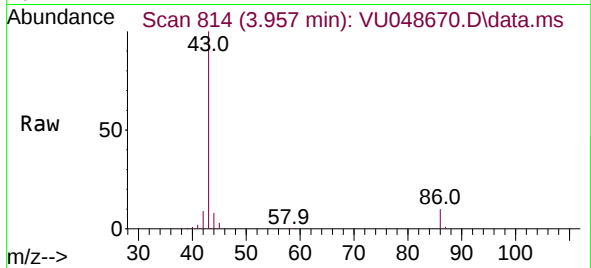




#23
 Vinyl Acetate
 Concen: 22.293 ug/l
 RT: 3.957 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

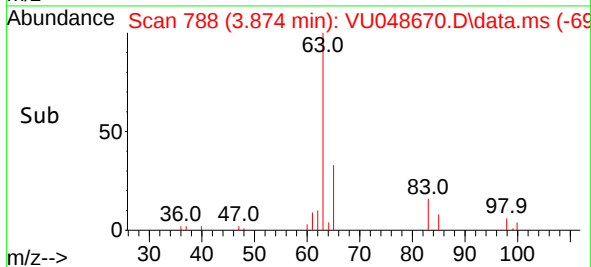
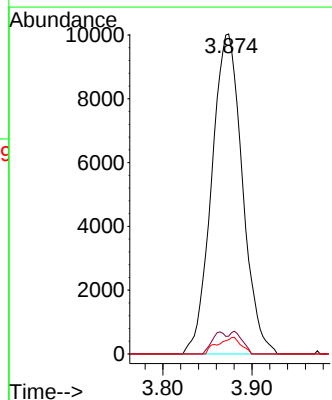
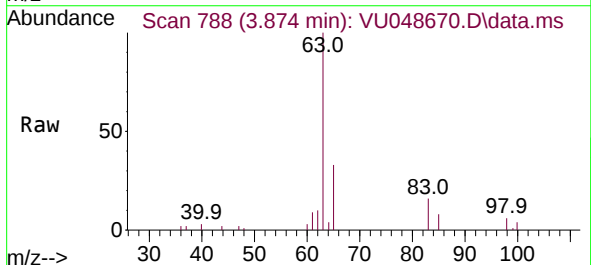
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

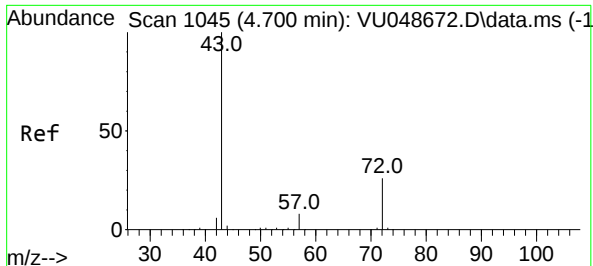
Tgt Ion: 43 Resp: 146891
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.025 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion: 63 Resp: 24002
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.3
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 23.113 ug/l

RT: 4.707 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

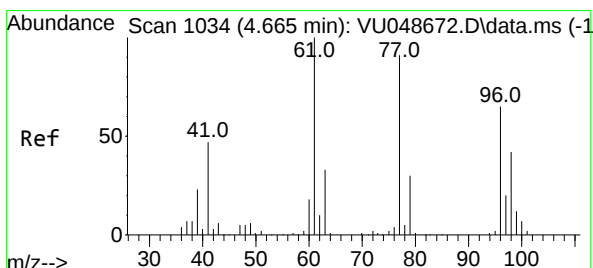
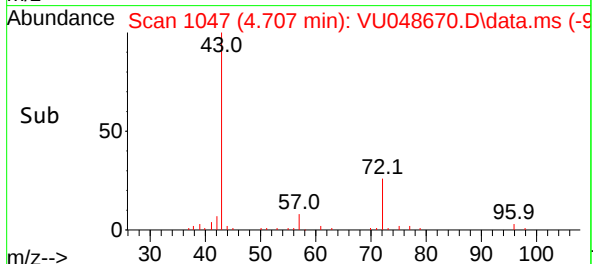
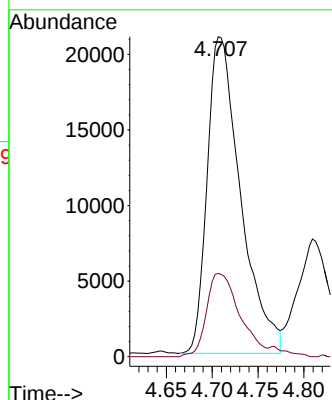
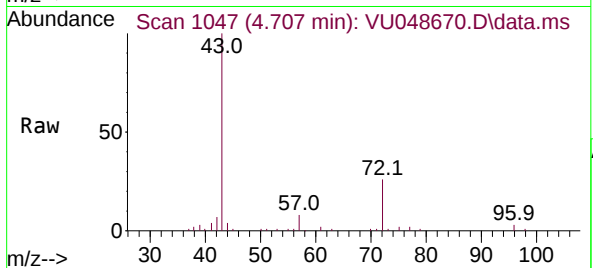
VSTDIC005

Tgt Ion: 43 Resp: 53150

Ion Ratio Lower Upper

43 100

72 26.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 5.120 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU048670.D

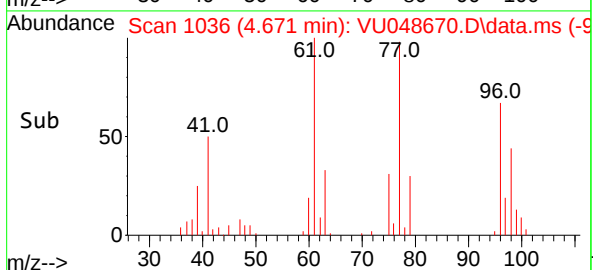
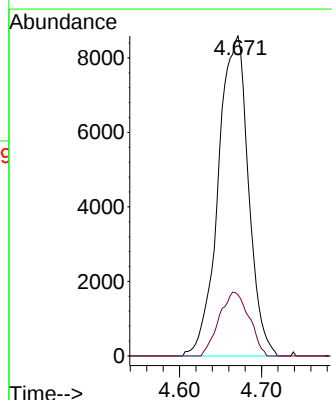
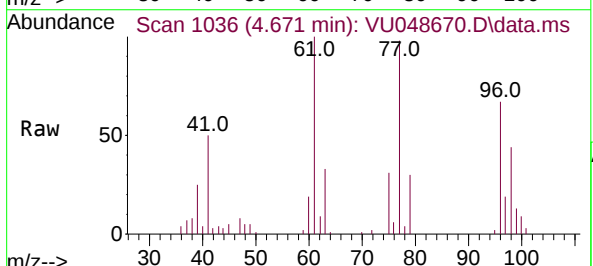
Acq: 26 May 2022 10:19

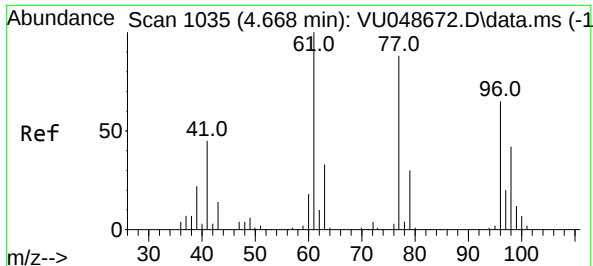
Tgt Ion: 77 Resp: 21940

Ion Ratio Lower Upper

77 100

97 19.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 4.933 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

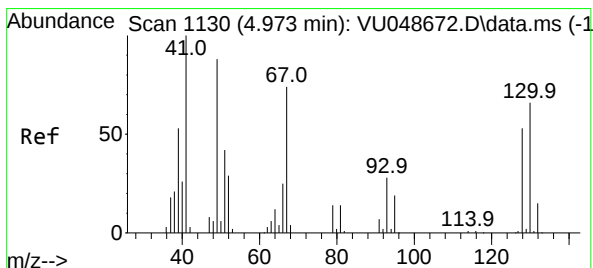
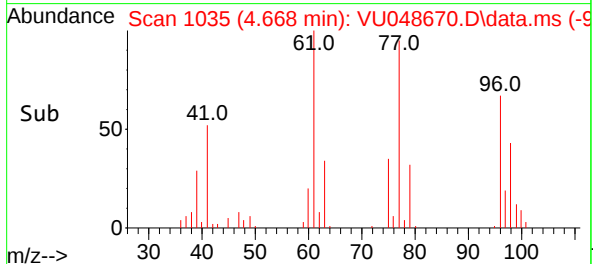
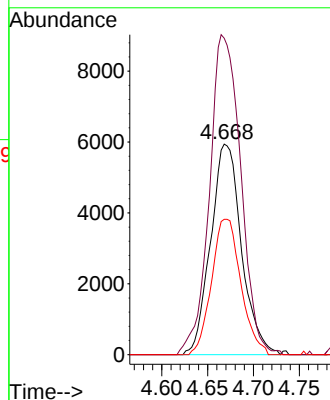
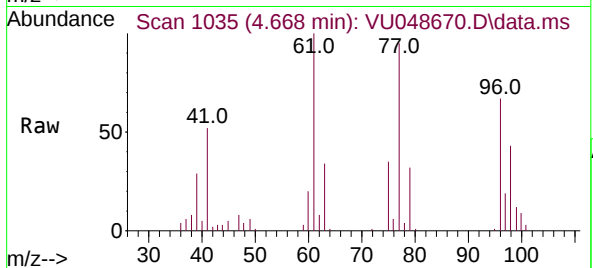
Tgt Ion: 96 Resp: 13902

Ion Ratio Lower Upper

96 100

61 153.9 0.0 306.2

98 61.1 0.0 130.4



#28

Bromochloromethane

Concen: 5.327 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

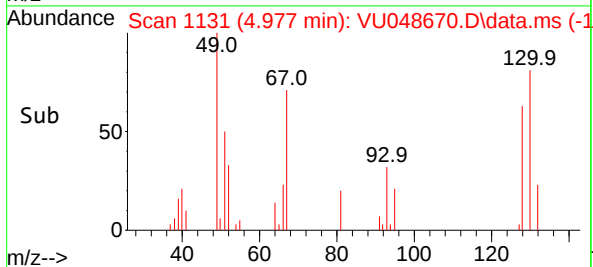
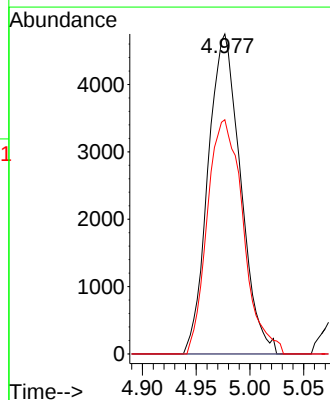
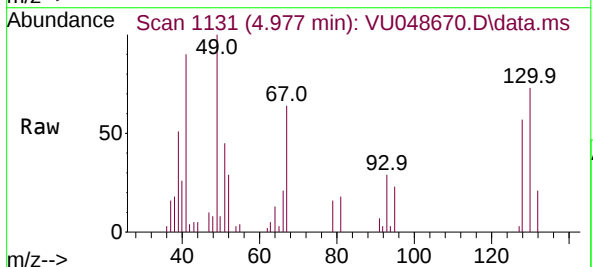
Tgt Ion: 49 Resp: 9980

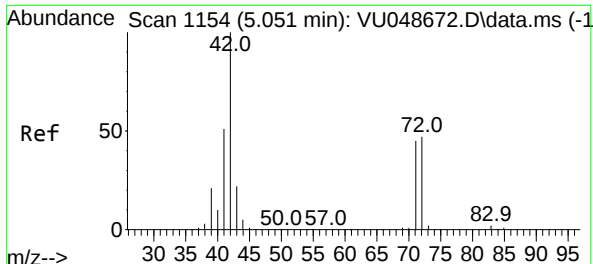
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 80.7 62.1 93.1

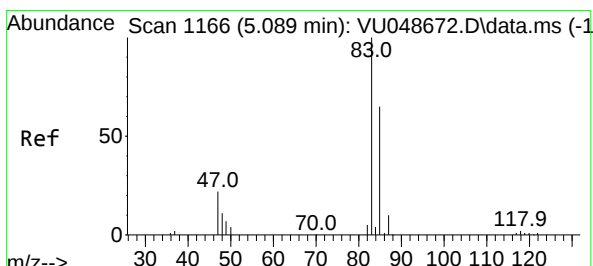
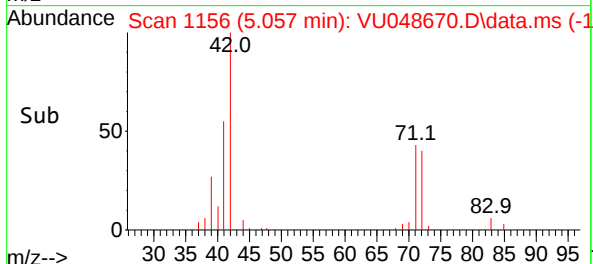
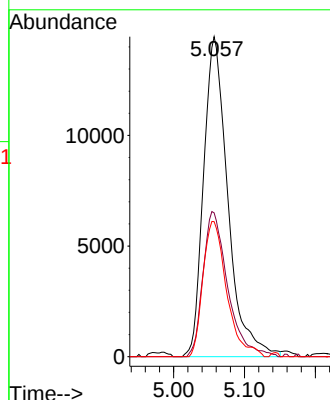
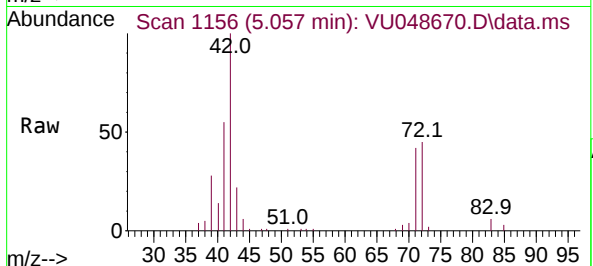




#29
Tetrahydrofuran
Concen: 23.385 ug/l
RT: 5.057 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

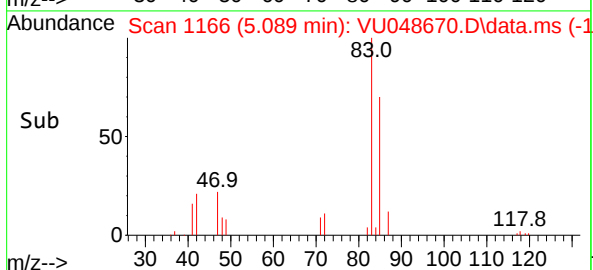
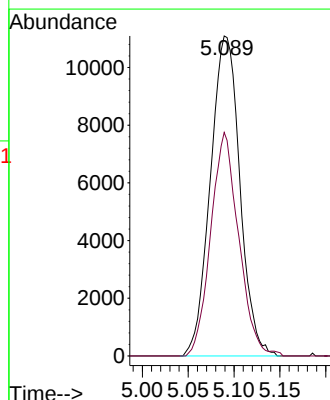
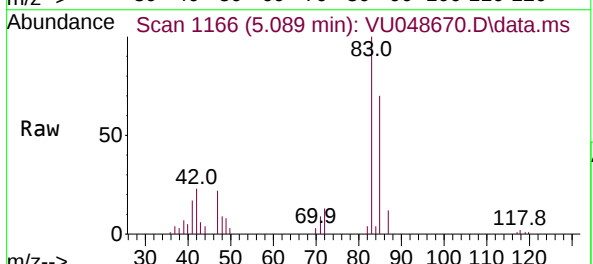
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

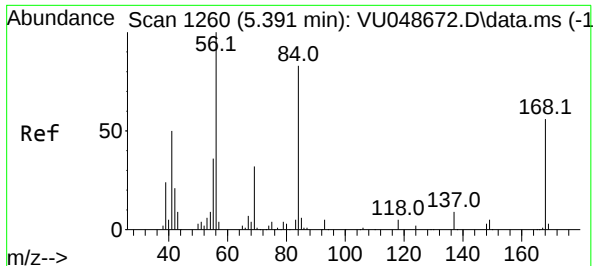
Tgt Ion: 42 Resp: 34422
Ion Ratio Lower Upper
42 100
72 46.1 37.6 56.4
71 41.2 35.0 52.4



#30
Chloroform
Concen: 5.190 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 83 Resp: 24802
Ion Ratio Lower Upper
83 100
85 69.8 52.2 78.2

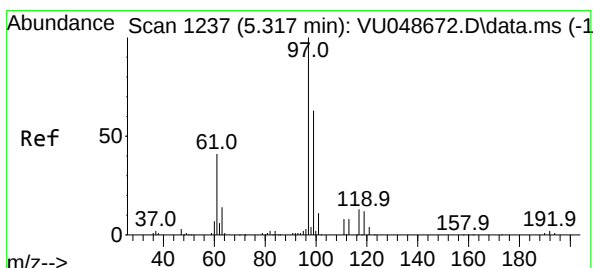
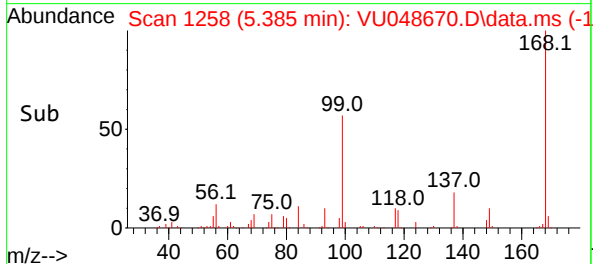
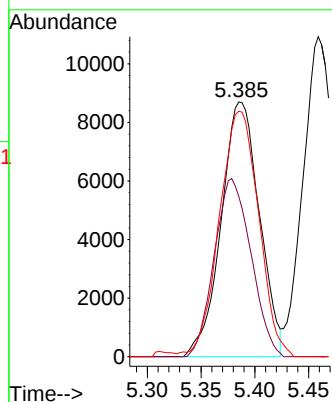
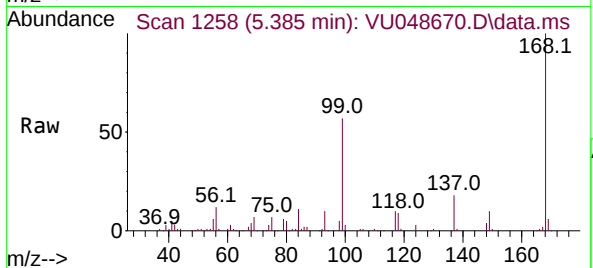




#31
Cyclohexane
Concen: 5.433 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

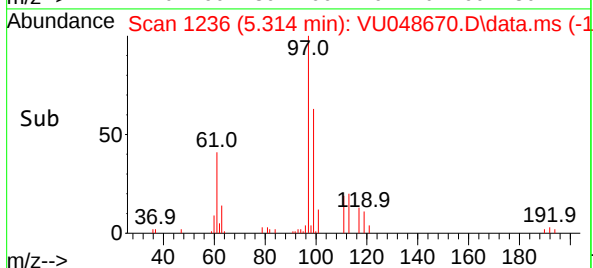
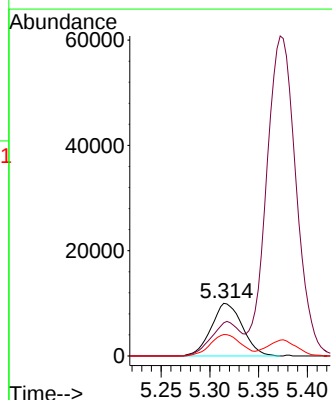
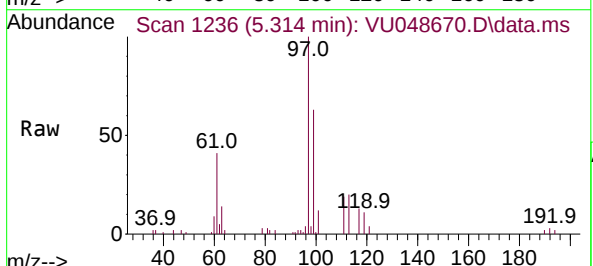
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 21504
Ion Ratio Lower Upper
56 100
69 62.9 25.6 38.4#
84 94.8 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 5.131 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 97 Resp: 22247
Ion Ratio Lower Upper
97 100
99 61.6 51.6 77.4
61 40.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 5.516 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

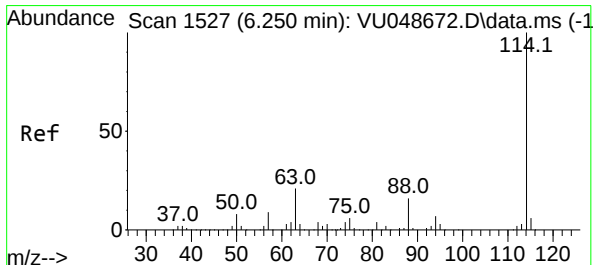
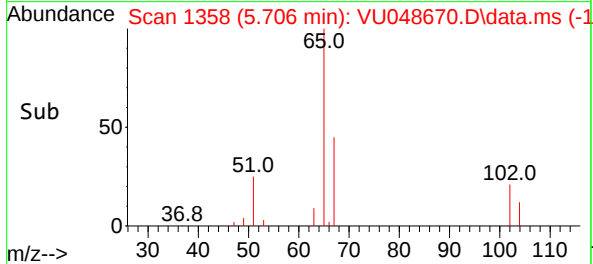
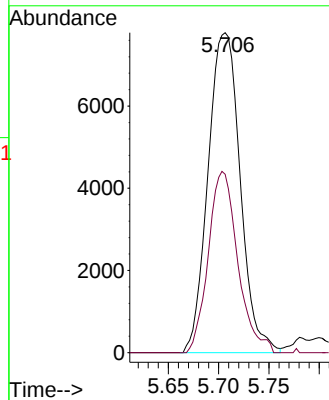
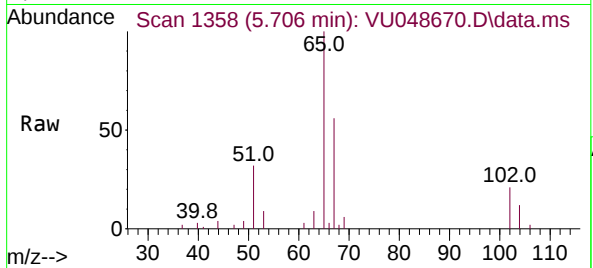
VSTDIC005

Tgt Ion: 65 Resp: 17325

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

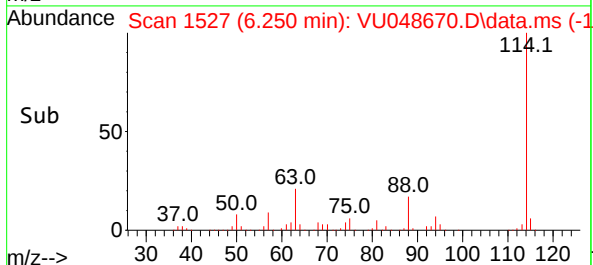
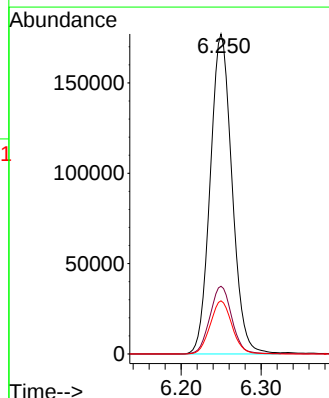
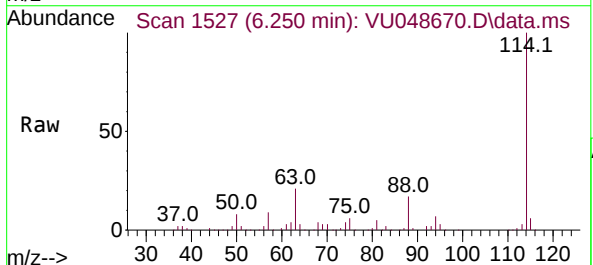
Tgt Ion: 114 Resp: 334956

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.288 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

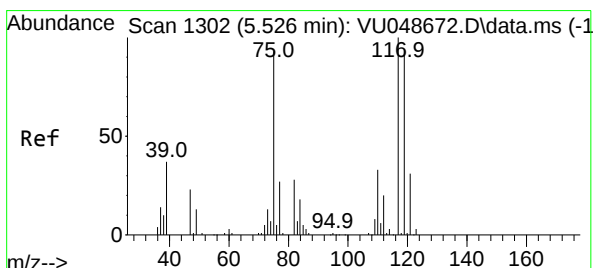
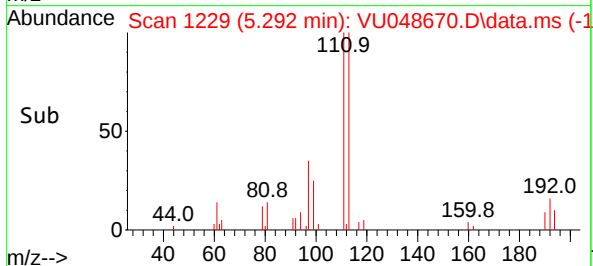
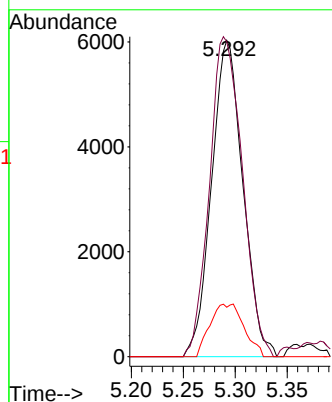
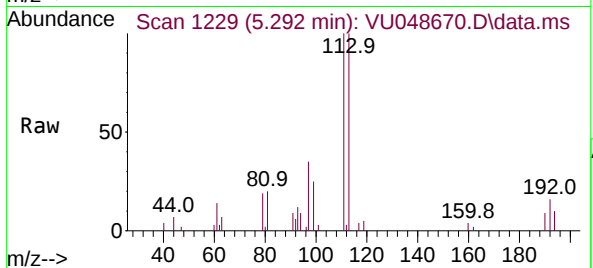
Tgt Ion:113 Resp: 12636

Ion Ratio Lower Upper

113 100

111 106.1 80.7 121.1

192 18.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

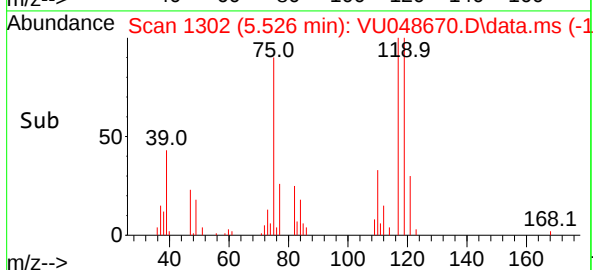
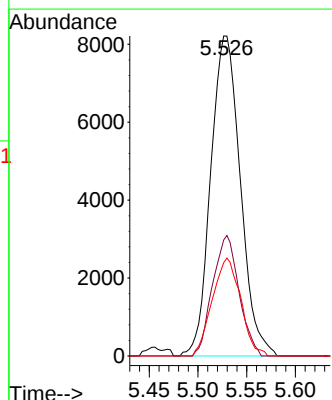
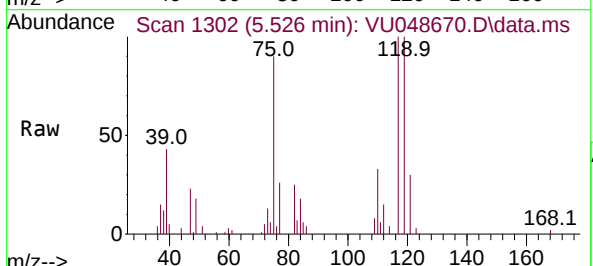
Tgt Ion: 75 Resp: 17360

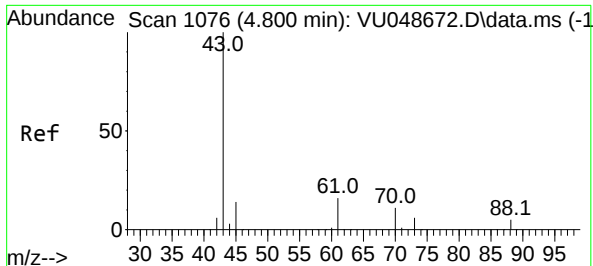
Ion Ratio Lower Upper

75 100

110 33.5 17.4 52.3

77 29.3 24.8 37.2





#37

Ethyl Acetate

Concen: 3.994 ug/l

RT: 4.809 min Scan# 1076

Delta R.T. 0.010 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

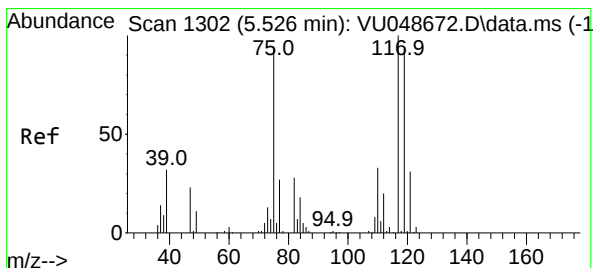
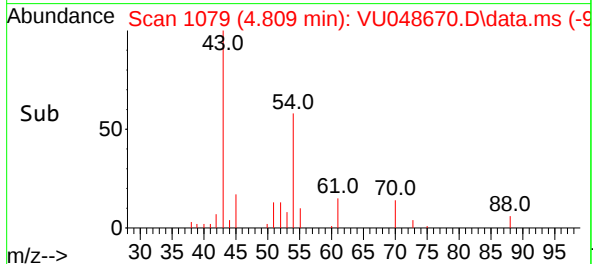
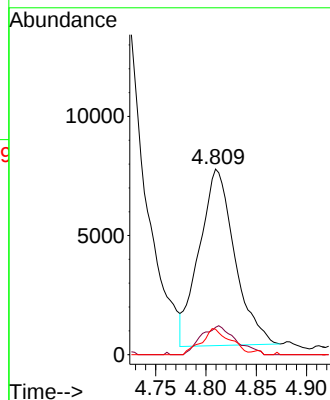
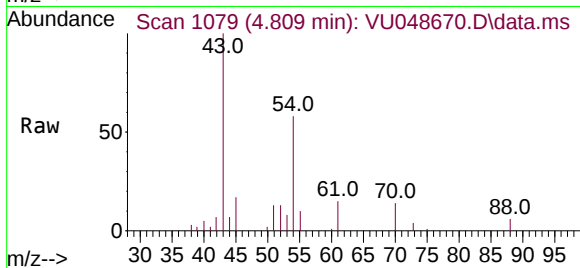
Tgt Ion: 43 Resp: 18159

Ion Ratio Lower Upper

43 100

61 16.0 11.7 17.5

70 11.9 8.4 12.6



#38

Carbon Tetrachloride

Concen: 5.058 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

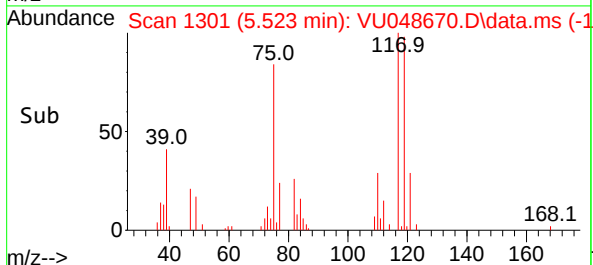
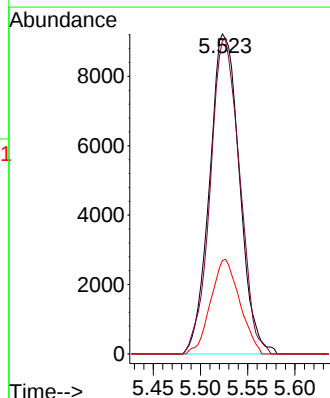
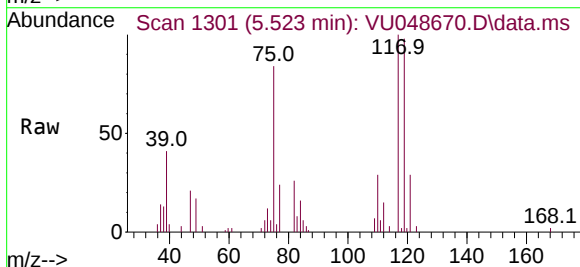
Tgt Ion: 117 Resp: 20237

Ion Ratio Lower Upper

117 100

119 98.0 75.4 113.2

121 29.2 24.6 36.8





#39

Methylcyclohexane

Concen: 4.619 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

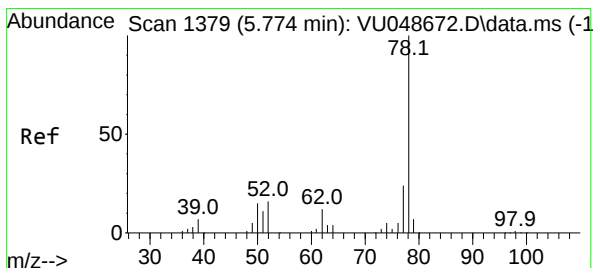
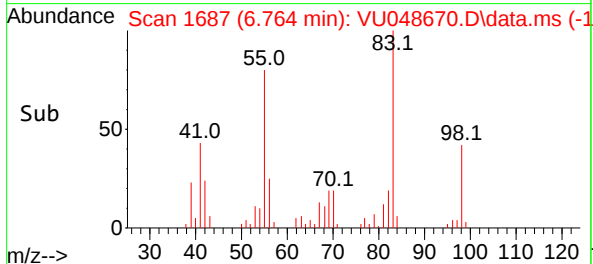
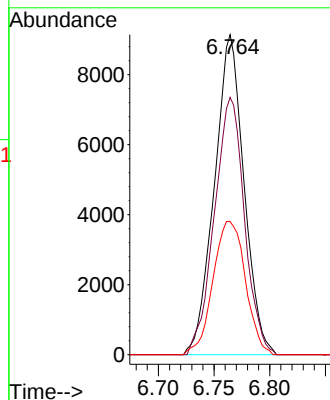
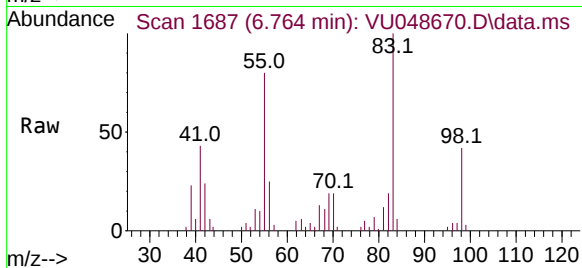
Tgt Ion: 83 Resp: 16893

Ion Ratio Lower Upper

83 100

55 80.4 61.0 91.6

98 41.6 36.8 55.2



#40

Benzene

Concen: 4.869 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048670.D

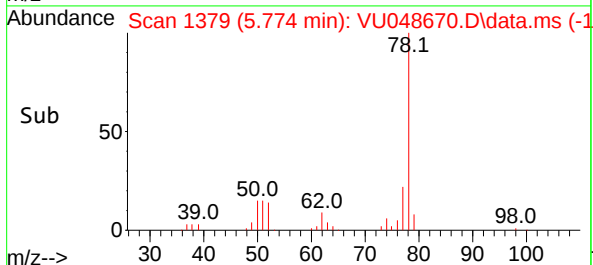
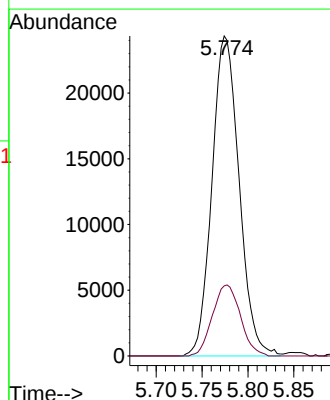
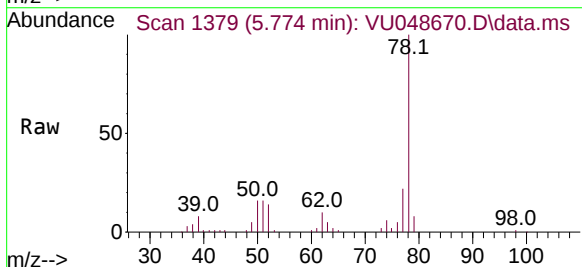
Acq: 26 May 2022 10:19

Tgt Ion: 78 Resp: 50131

Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.6



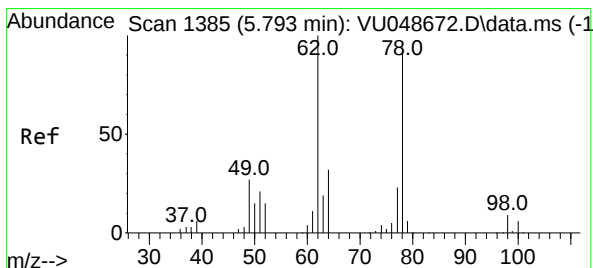
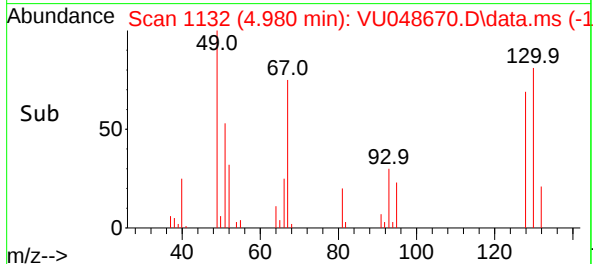
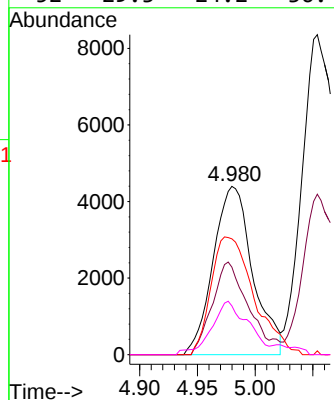
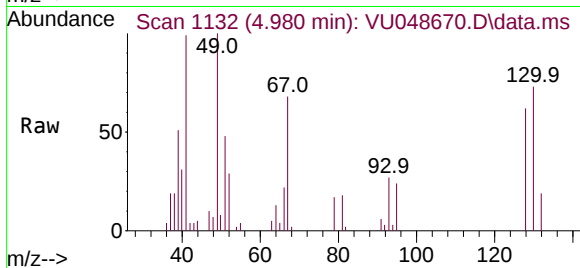


#41
Methacrylonitrile
Concen: 4.689 ug/l
RT: 4.980 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 10448

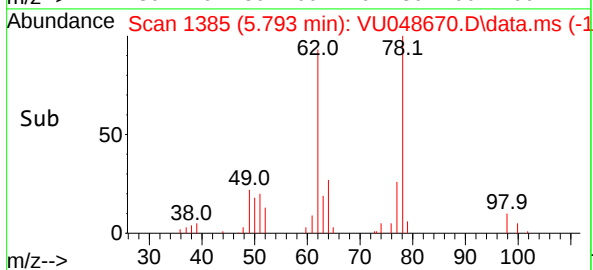
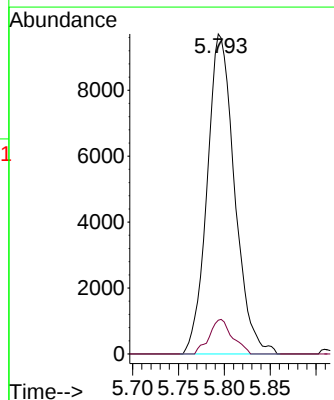
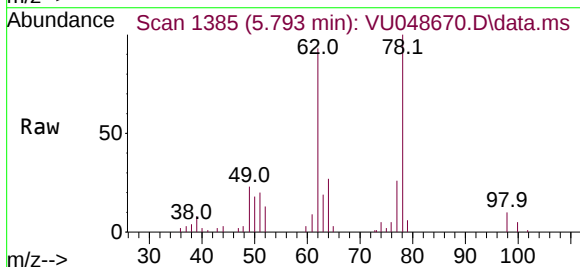
Ion	Ratio	Lower	Upper
41	100		
39	51.6	42.6	64.0
67	76.0	61.0	91.4
52	29.3	24.2	36.4

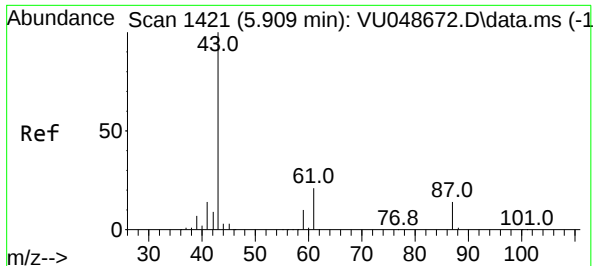


#42
1,2-Dichloroethane
Concen: 5.008 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 62 Resp: 20186

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 4.782 ug/l

RT: 5.915 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

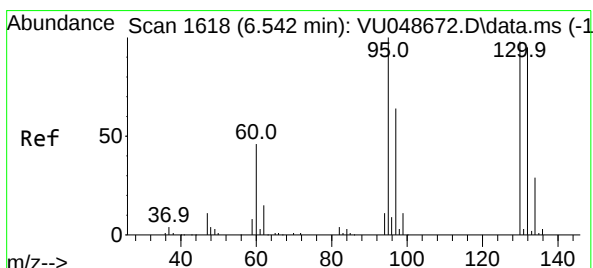
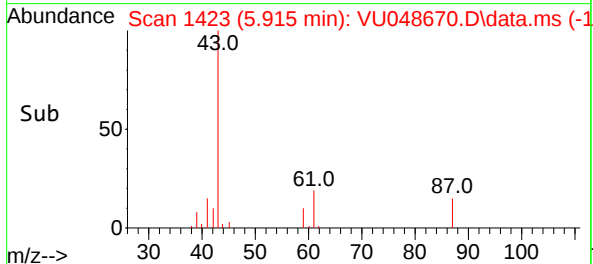
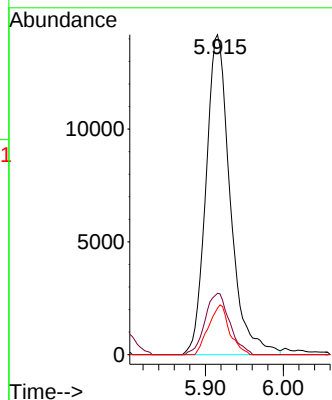
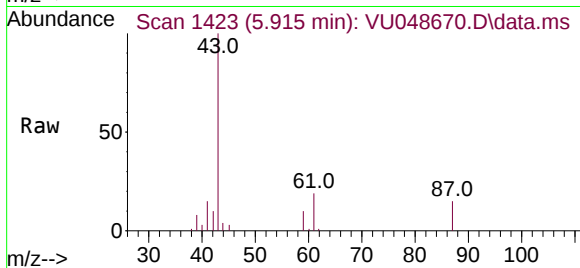
Tgt Ion: 43 Resp: 30604

Ion Ratio Lower Upper

43 100

61 19.4 16.7 25.1

87 13.4 10.9 16.3



#44

Trichloroethene

Concen: 4.990 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048670.D

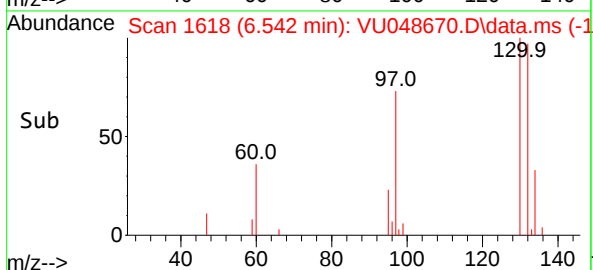
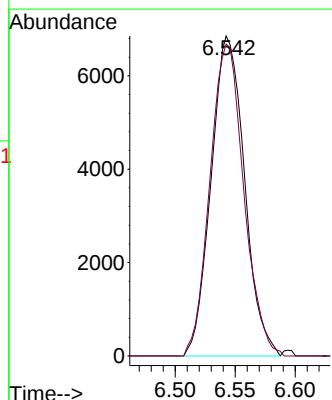
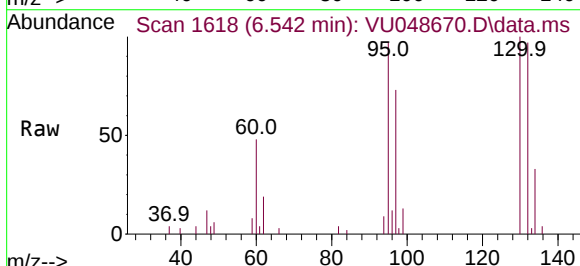
Acq: 26 May 2022 10:19

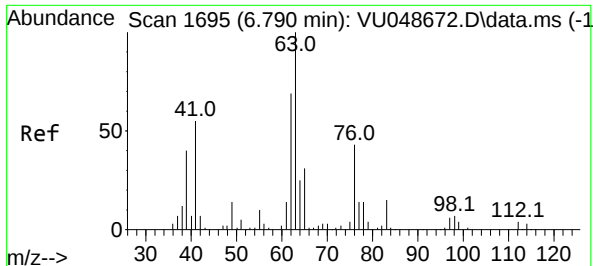
Tgt Ion:130 Resp: 13238

Ion Ratio Lower Upper

130 100

95 97.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 4.927 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

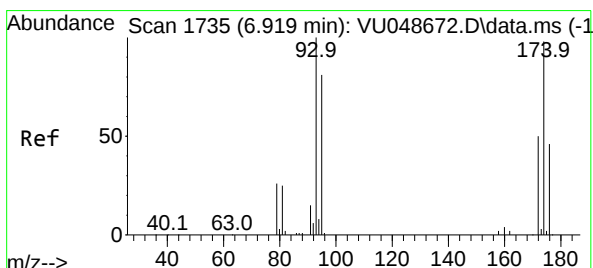
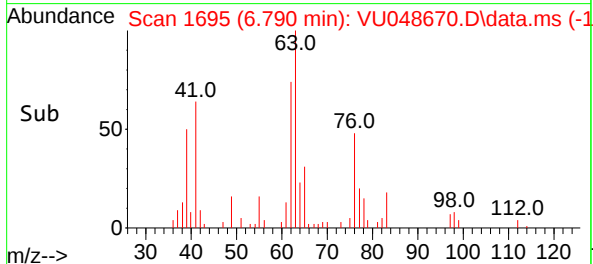
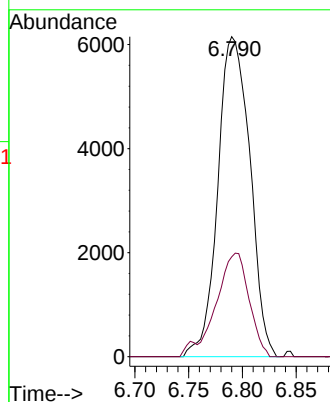
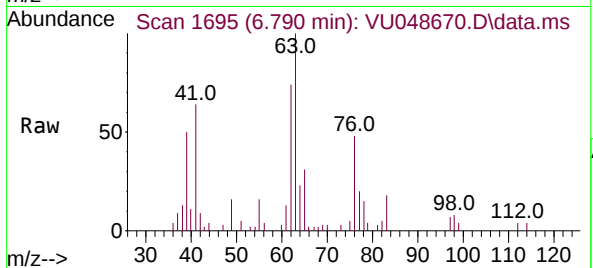
VSTDIC005

Tgt Ion: 63 Resp: 12771

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#46

Dibromomethane

Concen: 4.855 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

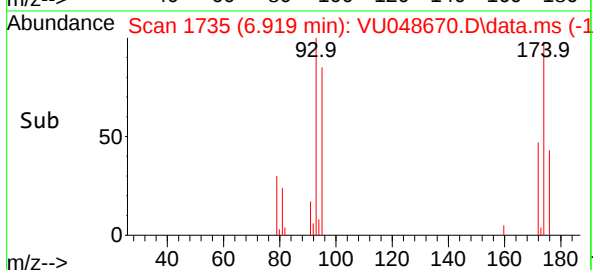
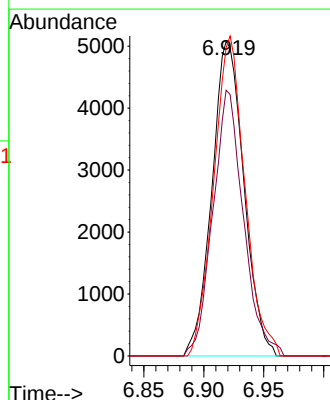
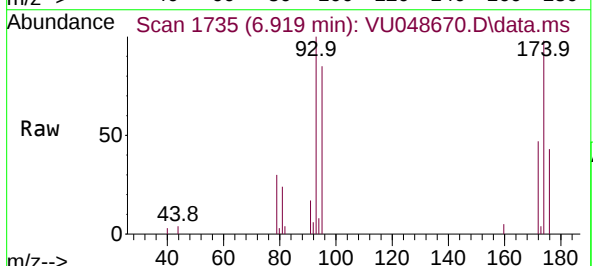
Tgt Ion: 93 Resp: 9403

Ion Ratio Lower Upper

93 100

95 80.7 65.1 97.7

174 99.1 77.8 116.6

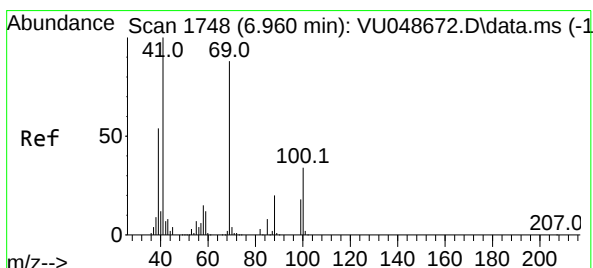
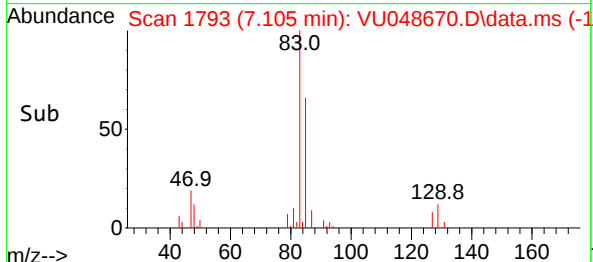
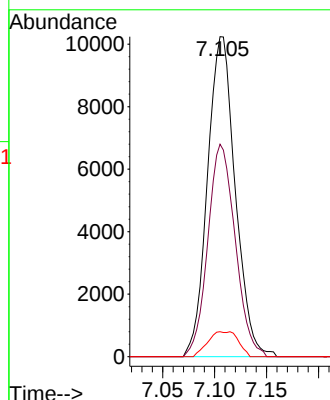
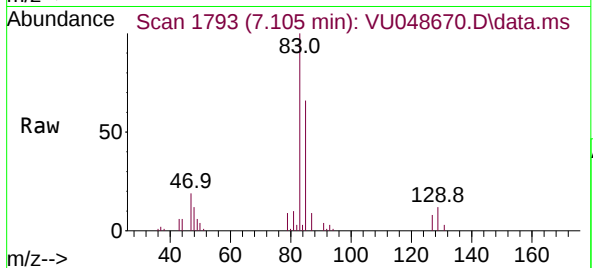




#47
Bromodichloromethane
Concen: 4.866 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

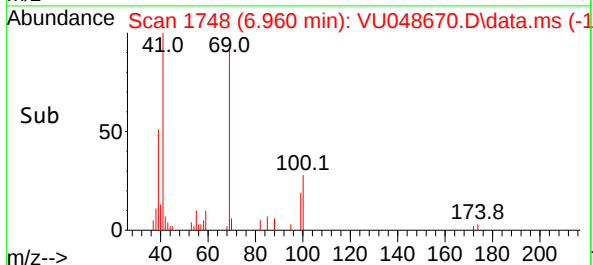
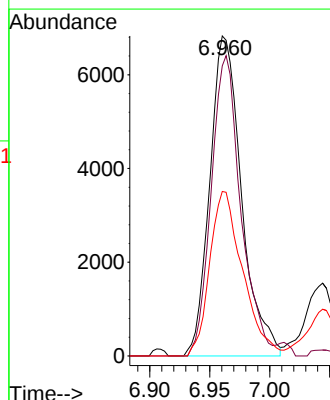
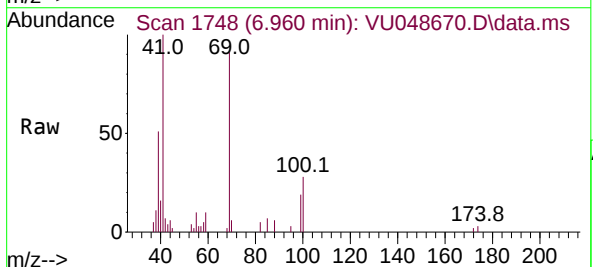
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:	83	Resp:	19056
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.1	78.1
127	7.8	6.9	10.3



#48
Methyl methacrylate
Concen: 4.375 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:	41	Resp:	12568
Ion	Ratio	Lower	Upper
41	100		
69	87.2	70.7	106.1
39	53.4	43.4	65.2





#49

1,4-Dioxane

Concen: 83.837 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

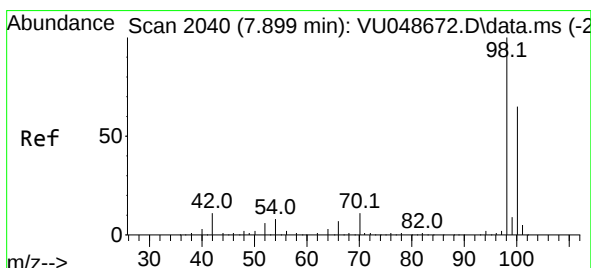
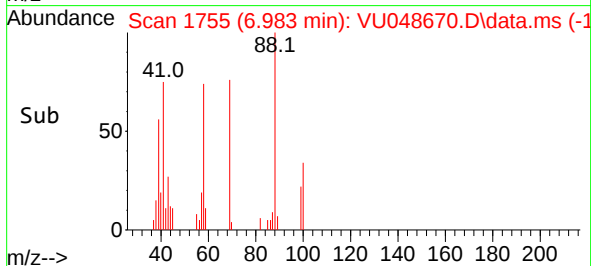
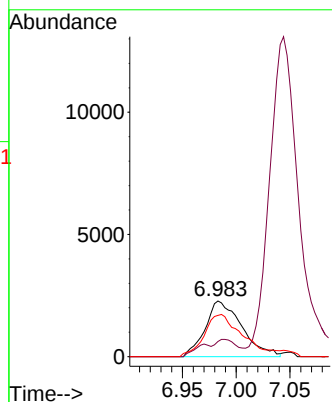
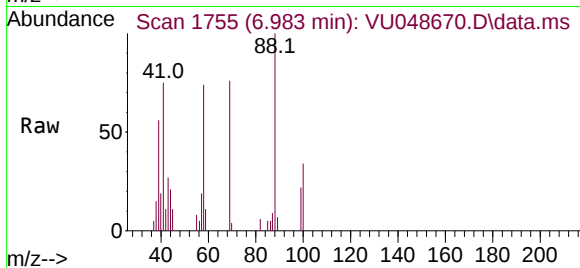
Tgt Ion: 88 Resp: 5384

Ion Ratio Lower Upper

88 100

43 0.0 24.6 36.8#

58 83.8 54.7 82.1#



#50

Toluene-d8

Concen: 5.089 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048670.D

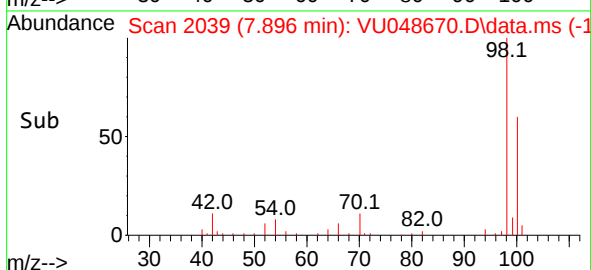
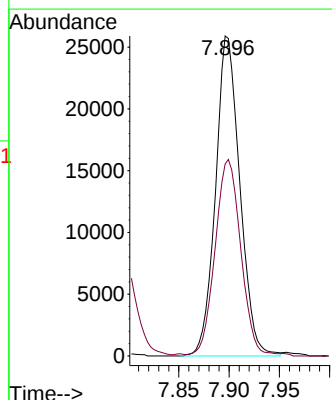
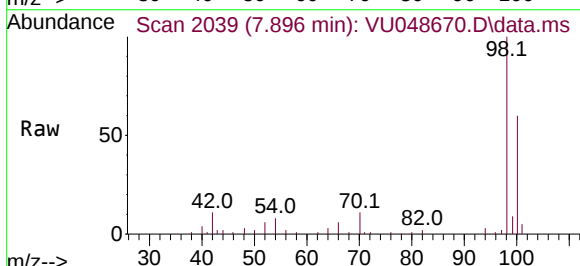
Acq: 26 May 2022 10:19

Tgt Ion: 98 Resp: 43596

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 23.204 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

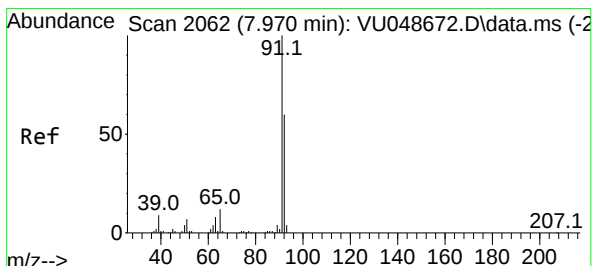
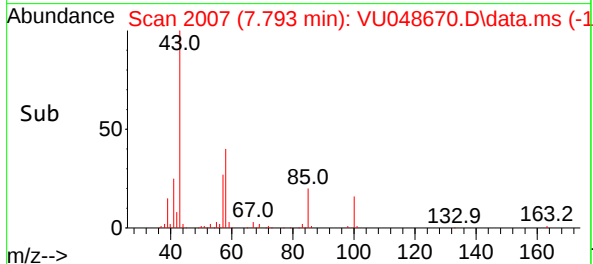
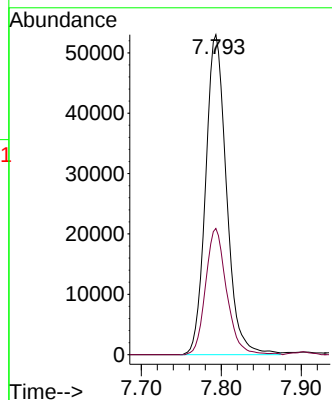
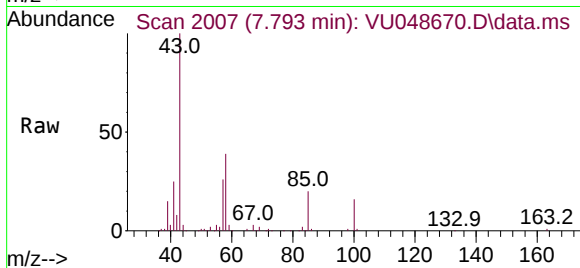
VSTDICC005

Tgt Ion: 43 Resp: 96418

Ion Ratio Lower Upper

43 100

58 39.6 32.7 49.1



#52

Toluene

Concen: 4.740 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048670.D

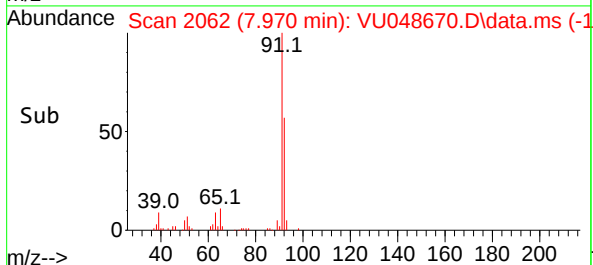
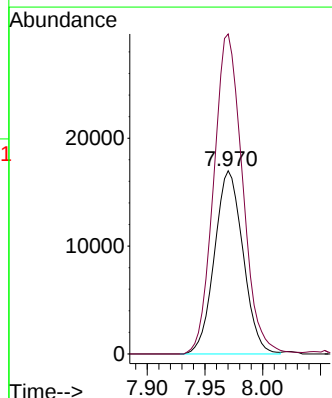
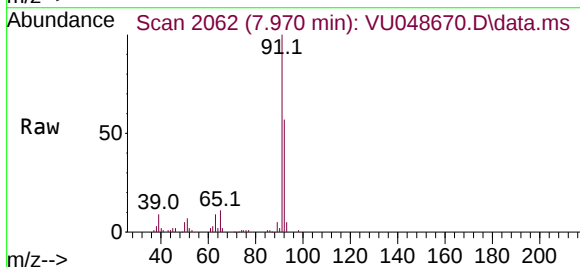
Acq: 26 May 2022 10:19

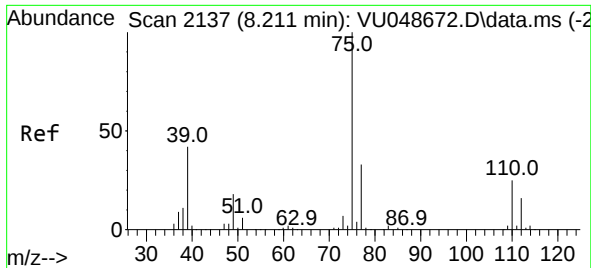
Tgt Ion: 92 Resp: 29196

Ion Ratio Lower Upper

92 100

91 176.8 135.0 202.4

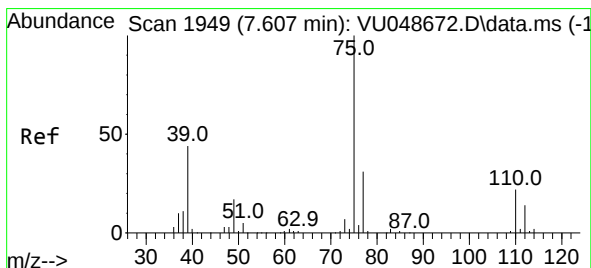
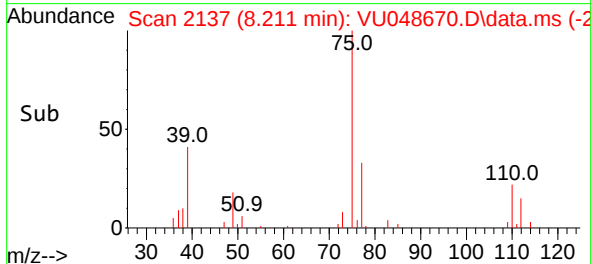
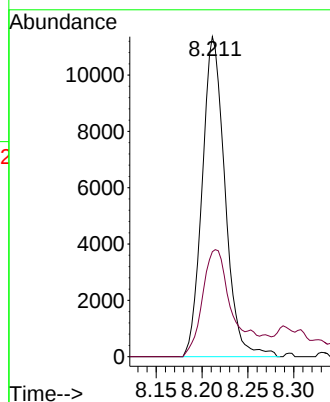
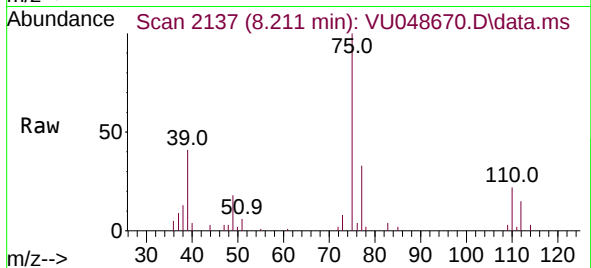




#53
 t-1,3-Dichloropropene
 Concen: 4.651 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

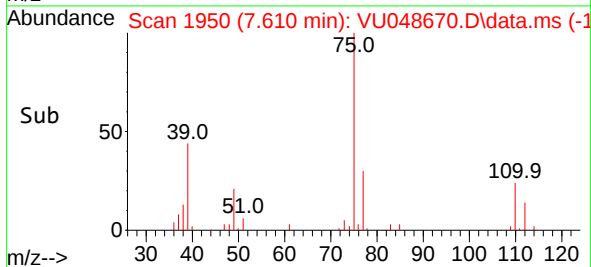
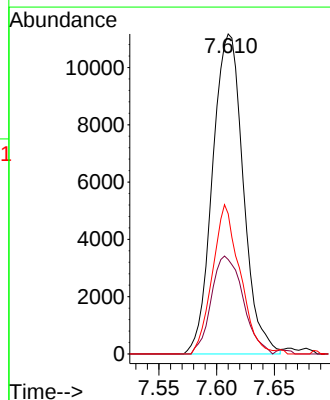
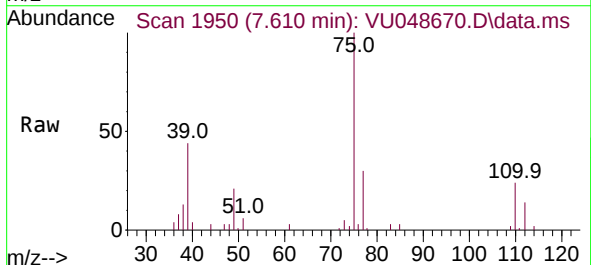
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

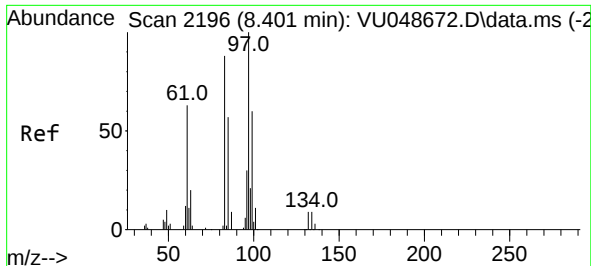
Tgt Ion: 75 Resp: 19651
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.719 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion: 75 Resp: 20659
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.9 37.3
 39 43.8 35.2 52.8

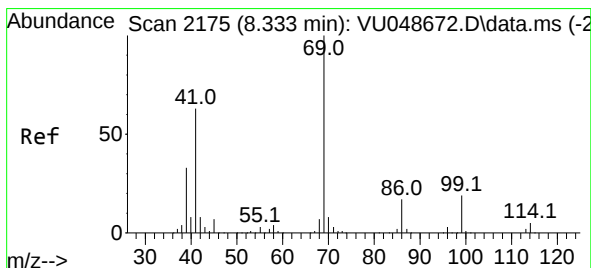
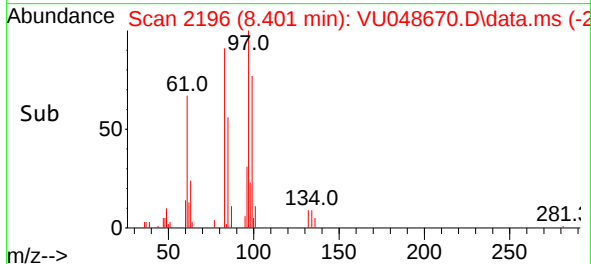
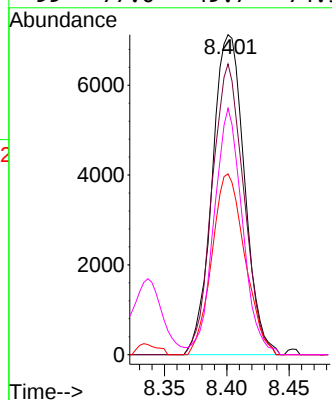
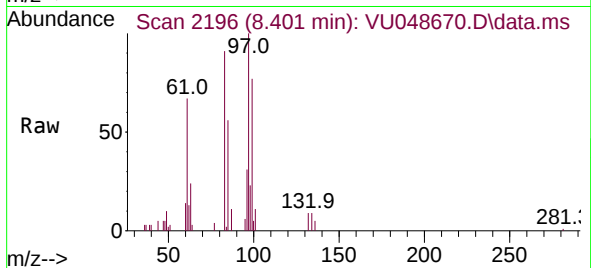




#55
1,1,2-Trichloroethane
Concen: 4.719 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

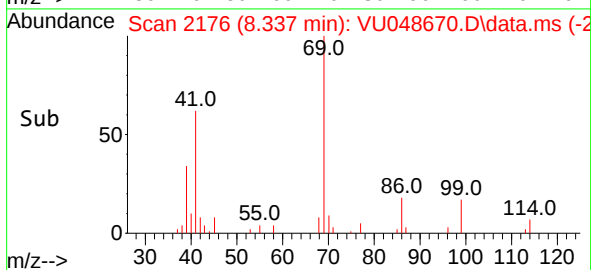
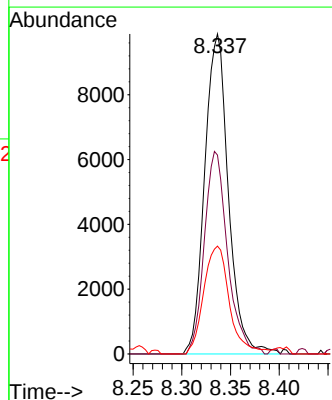
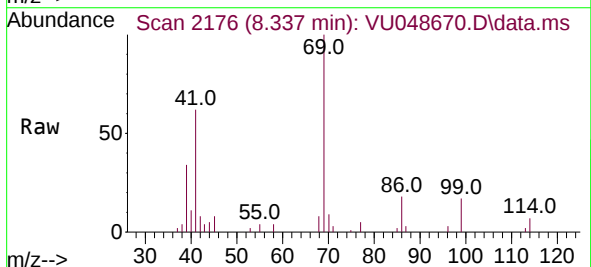
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

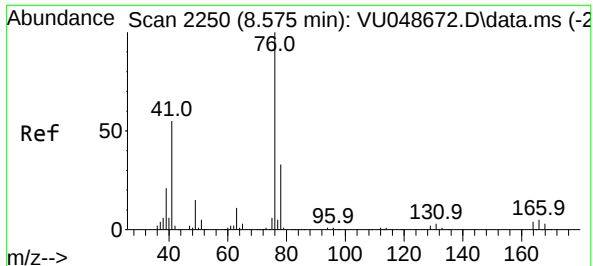
Tgt Ion: 97	Resp: 12828
Ion Ratio	Lower Upper
97 100	
83 90.9	70.2 105.4
85 56.5	45.6 68.4
99 77.0	49.7 74.5#



#56
Ethyl methacrylate
Concen: 4.414 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 69	Resp: 16745
Ion Ratio	Lower Upper
69 100	
41 61.8	50.6 76.0
39 36.7	26.6 40.0





#57

1,3-Dichloropropane

Concen: 4.607 ug/l

RT: 8.578 min Scan# 21077

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

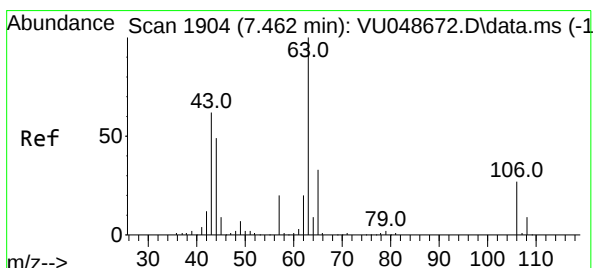
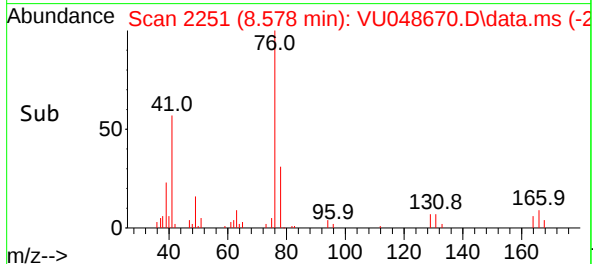
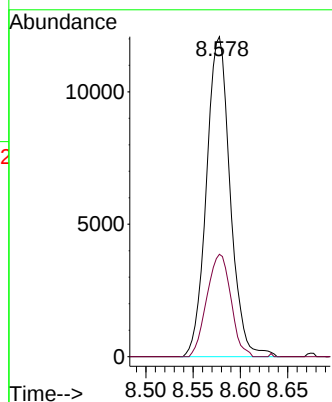
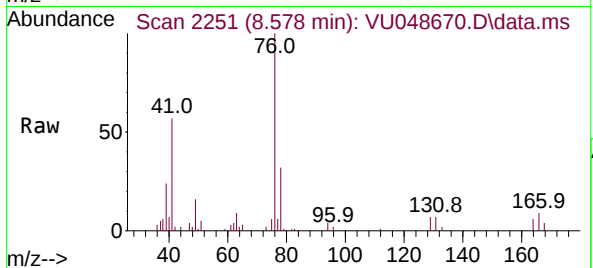
VSTDIC005

Tgt Ion: 76 Resp: 21077

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 16.855 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048670.D

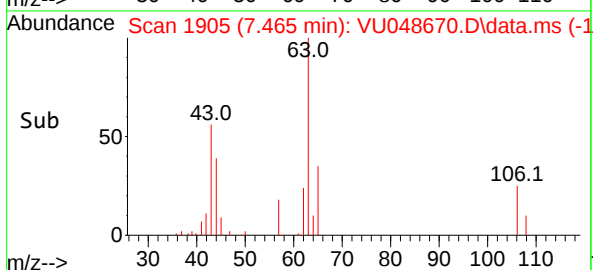
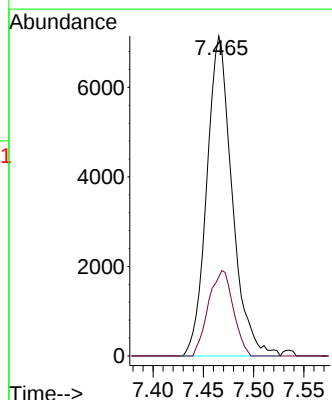
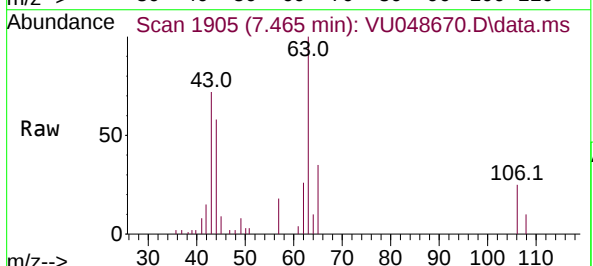
Acq: 26 May 2022 10:19

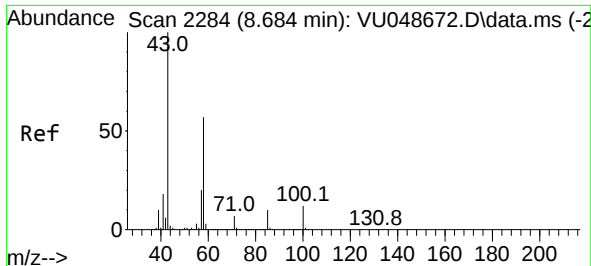
Tgt Ion: 63 Resp: 12515

Ion Ratio Lower Upper

63 100

106 26.1 22.2 33.2





#59

2-Hexanone

Concen: 21.864 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

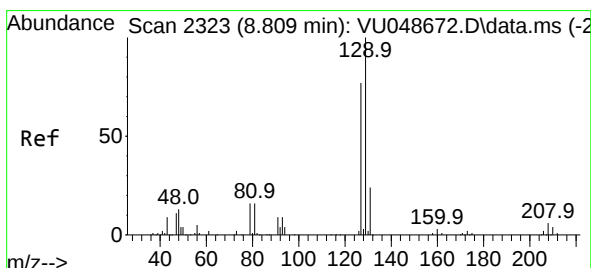
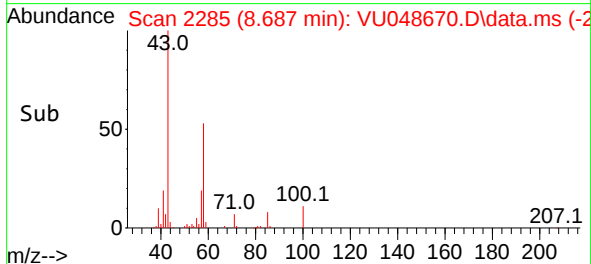
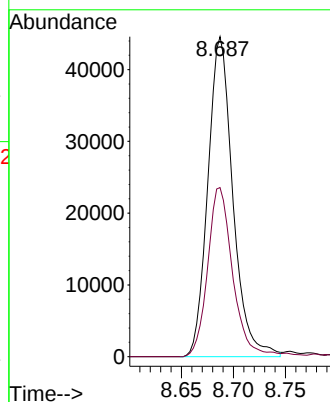
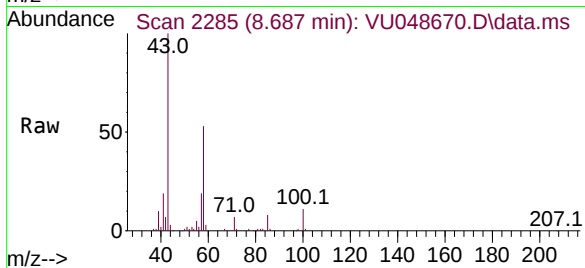
VSTDIC005

Tgt Ion: 43 Resp: 74586

Ion Ratio Lower Upper

43 100

58 52.7 28.2 84.6



#60

Dibromochloromethane

Concen: 4.552 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU048670.D

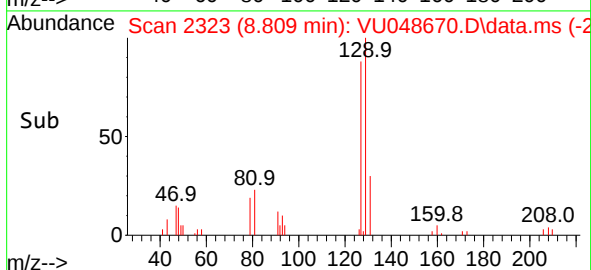
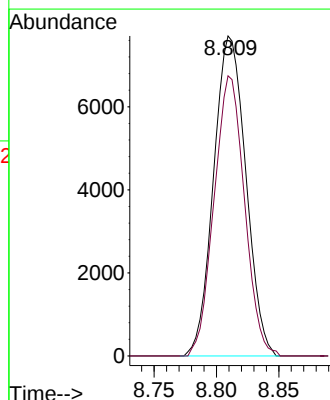
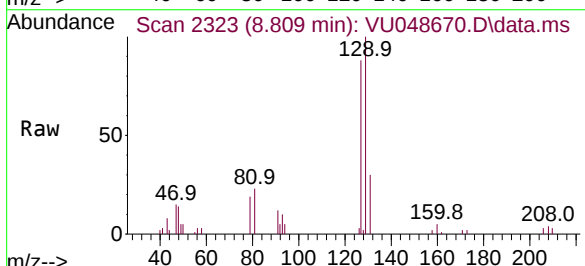
Acq: 26 May 2022 10:19

Tgt Ion: 129 Resp: 13871

Ion Ratio Lower Upper

129 100

127 82.6 38.5 115.3

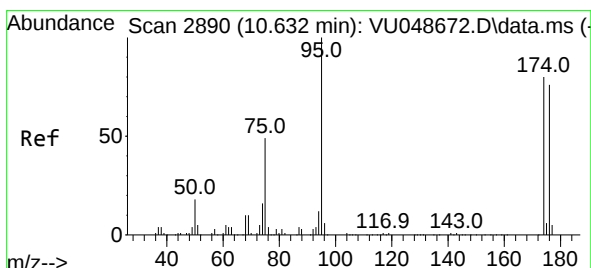
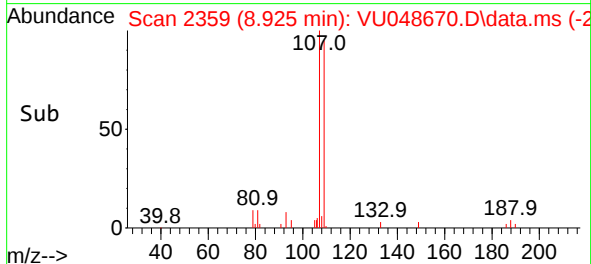
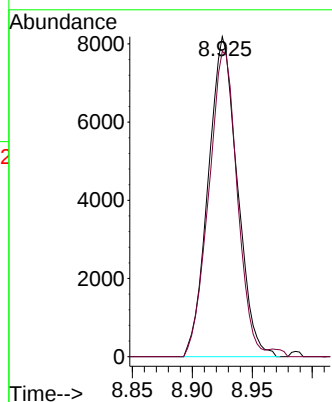
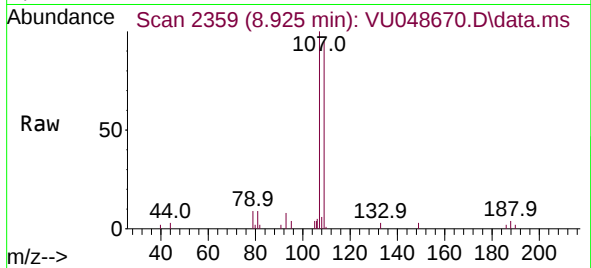




#61
1,2-Dibromoethane
Concen: 4.617 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

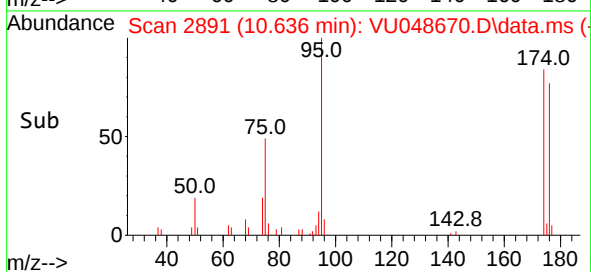
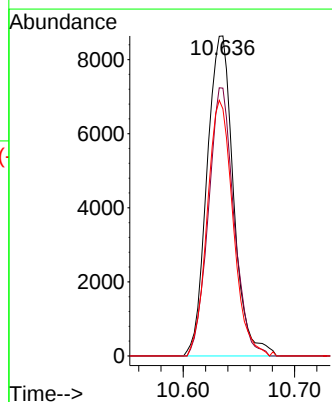
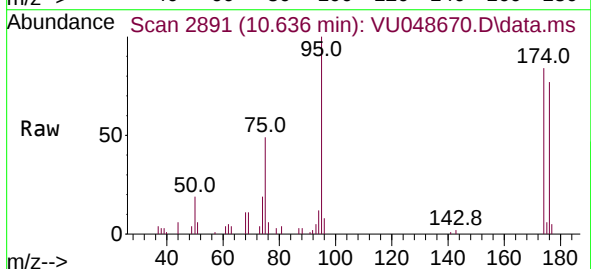
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

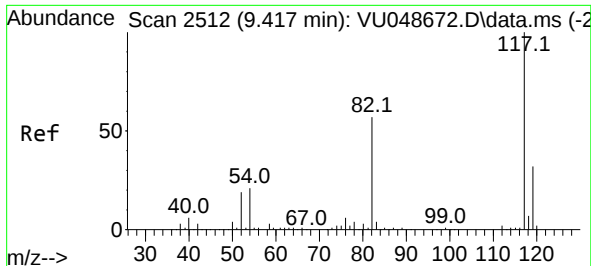
Tgt Ion:107 Resp: 13820
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 4.400 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 95 Resp: 14255
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.4
176 78.0 0.0 152.4

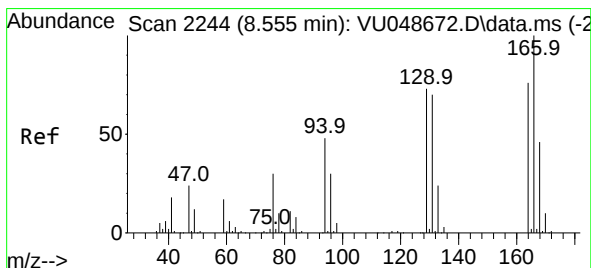
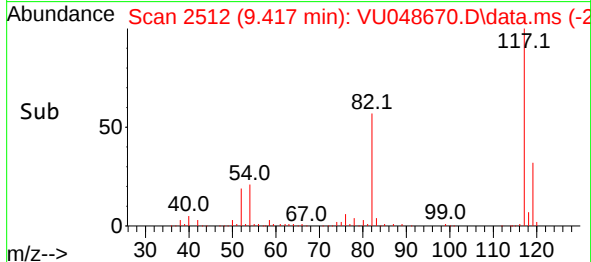
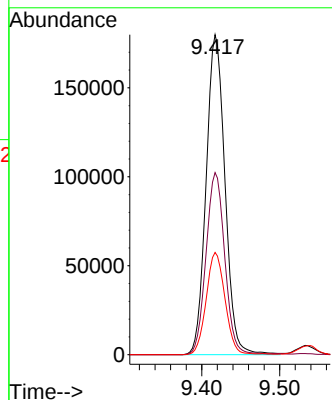
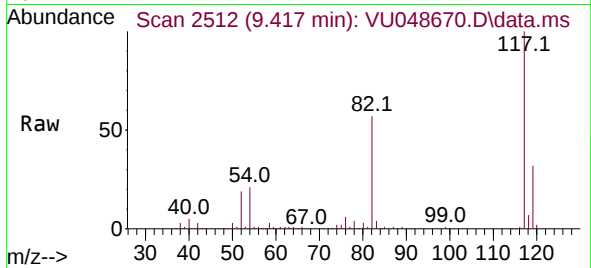




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

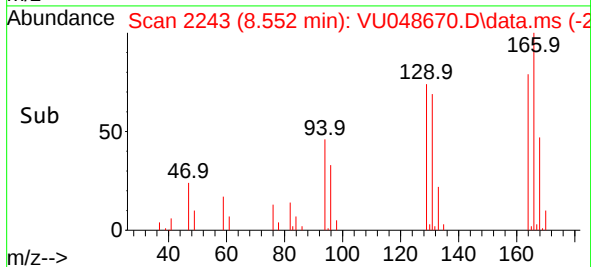
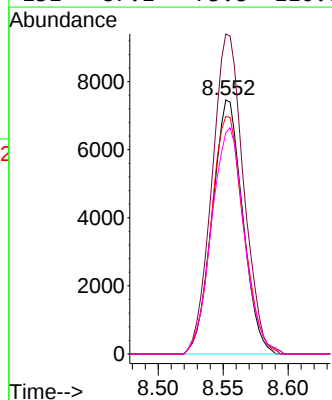
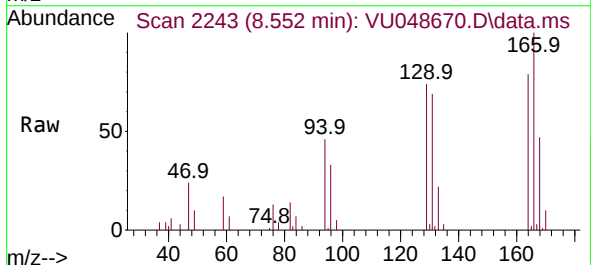
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

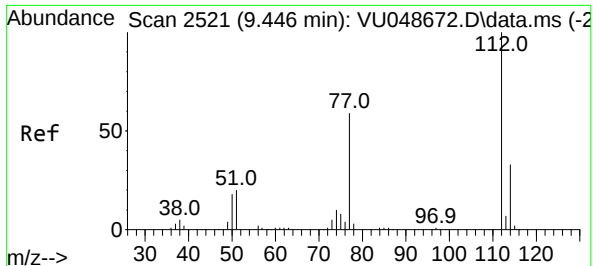
Tgt Ion:117 Resp: 302908
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 5.226 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:164 Resp: 12165
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 93.5 76.5 114.7
131 87.1 73.8 110.6

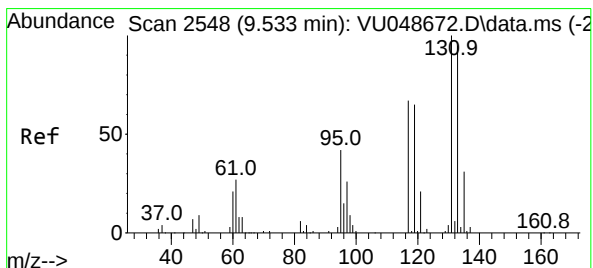
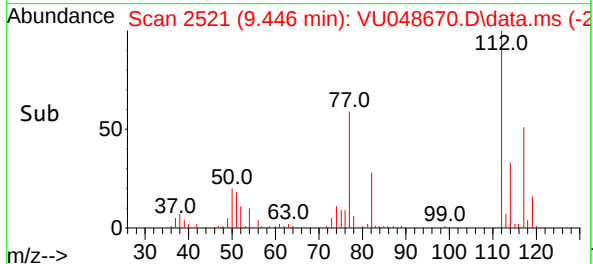
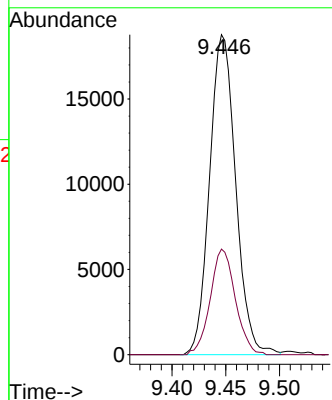
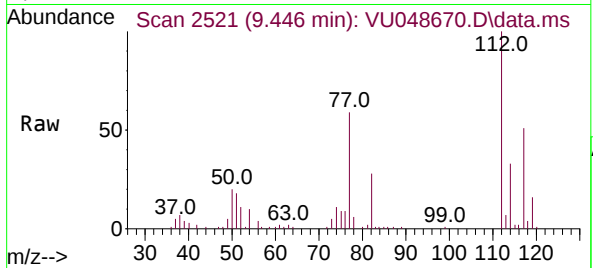




#65
Chlorobenzene
Concen: 4.952 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

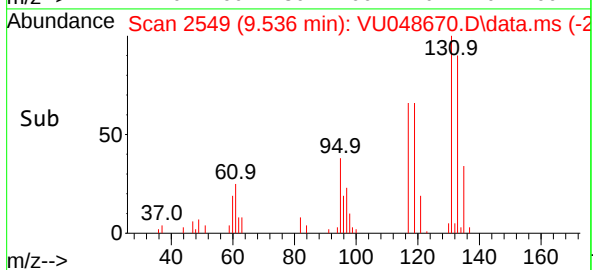
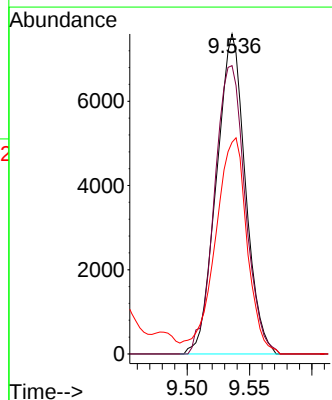
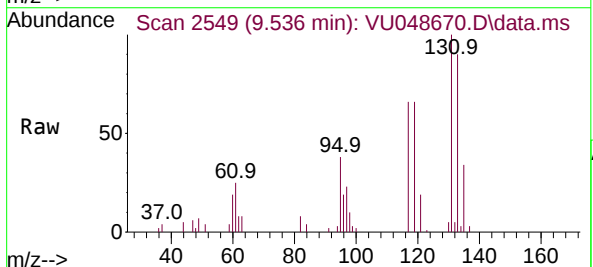
Instrument : MSVOA_U
ClientSampleId : VSTDIC005

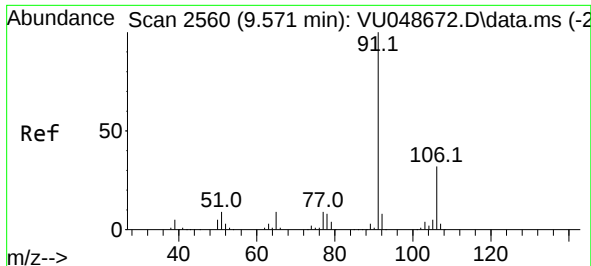
Tgt Ion:112 Resp: 31724
Ion Ratio Lower Upper
112 100
114 33.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.045 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:131 Resp: 12268
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 73.7 32.7 98.1





#67

Ethyl Benzene

Concen: 4.568 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

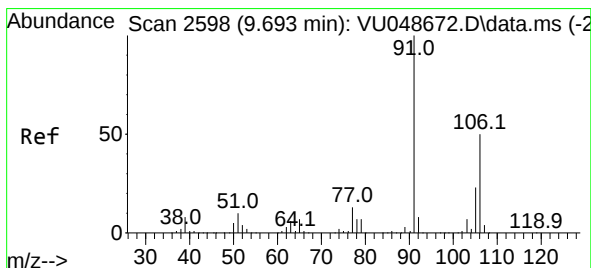
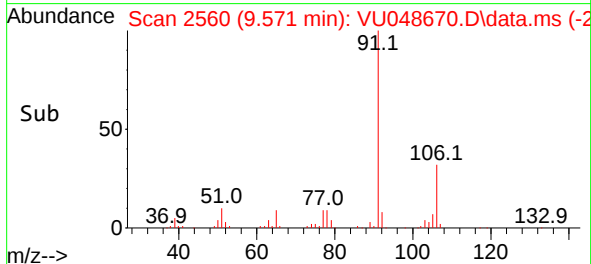
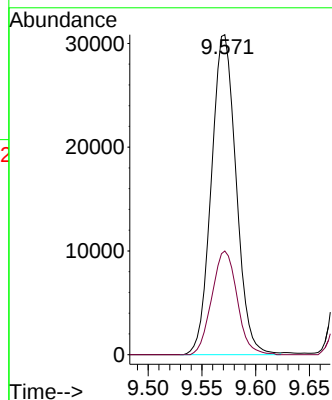
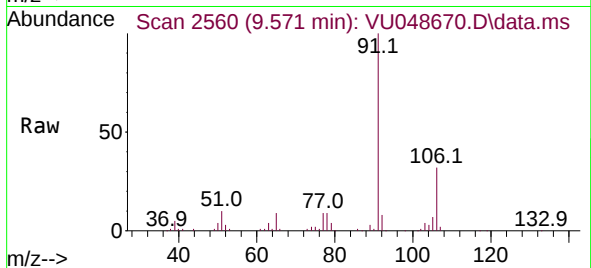
VSTDIC005

Tgt Ion: 91 Resp: 49362

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



#68

m/p-Xylenes

Concen: 9.593 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048670.D

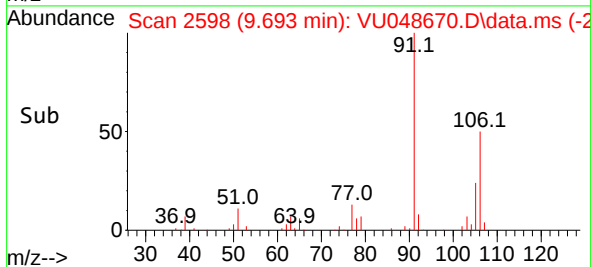
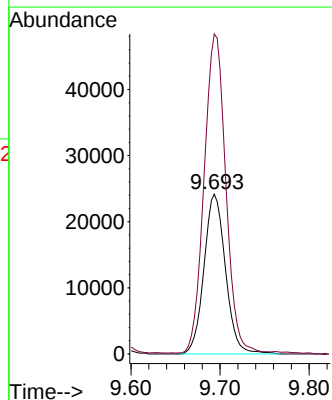
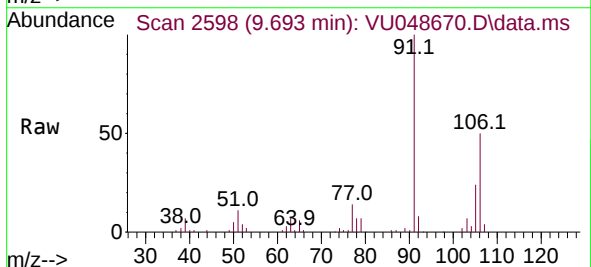
Acq: 26 May 2022 10:19

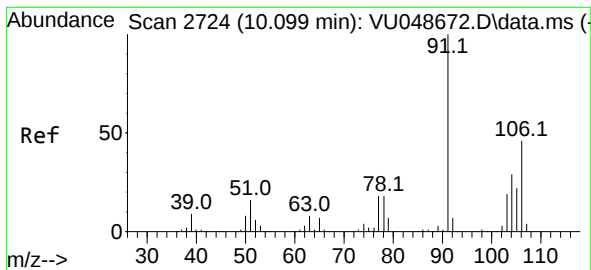
Tgt Ion: 106 Resp: 40542

Ion Ratio Lower Upper

106 100

91 201.0 162.4 243.6





#69

o-Xylene

Concen: 4.385 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

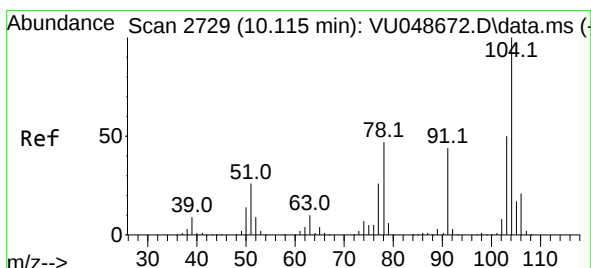
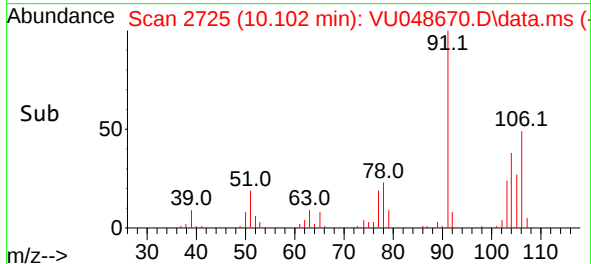
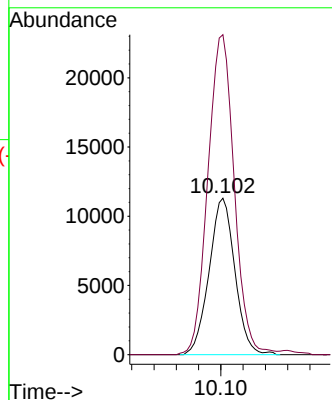
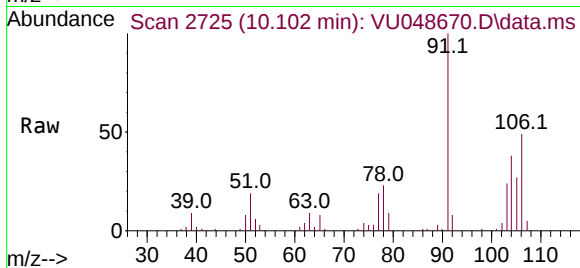
VSTDIC005

Tgt Ion:106 Resp: 18208

Ion Ratio Lower Upper

106 100

91 209.0 107.7 323.3



#70

Styrene

Concen: 4.390 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

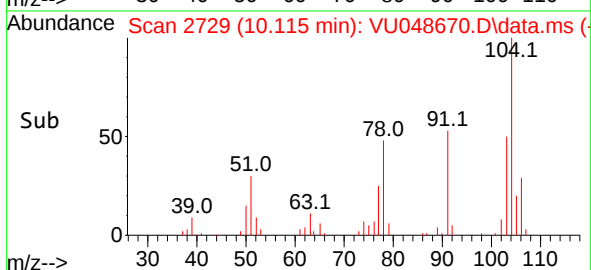
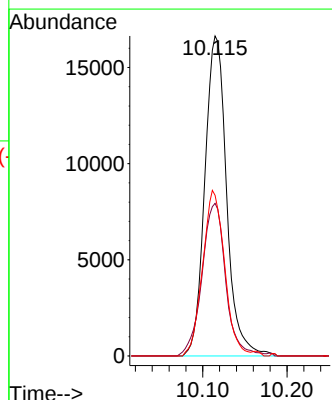
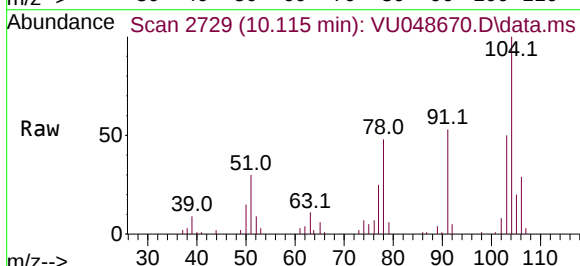
Tgt Ion:104 Resp: 29979

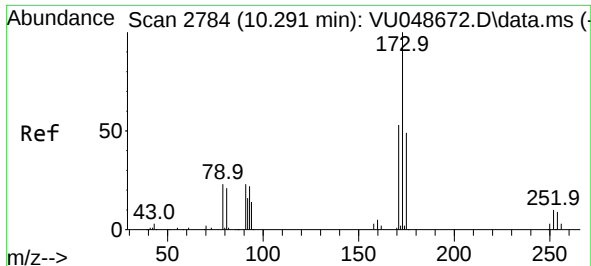
Ion Ratio Lower Upper

104 100

78 51.9 41.2 61.8

103 52.1 43.4 65.2

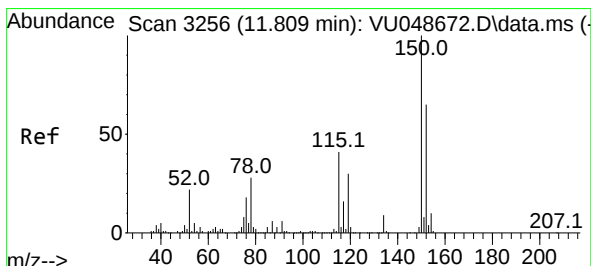
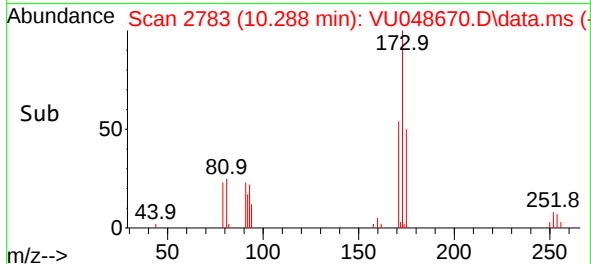
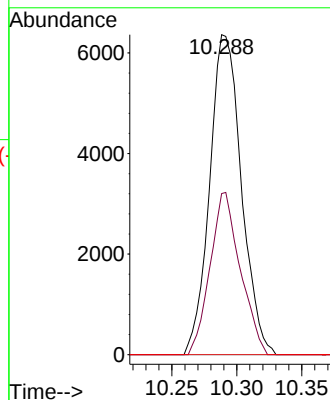
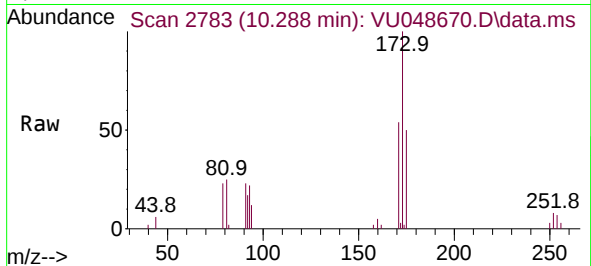




#71
Bromoform
Concen: 4.807 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

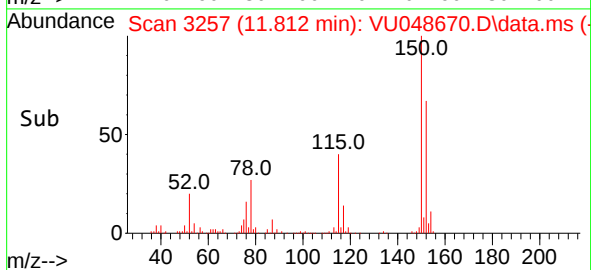
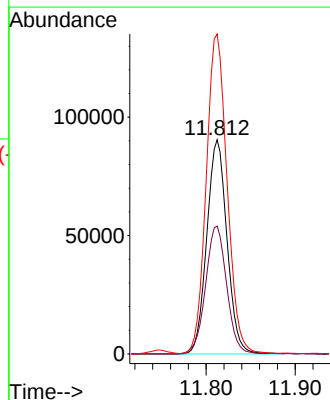
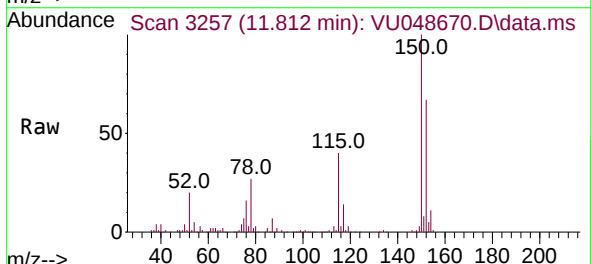
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

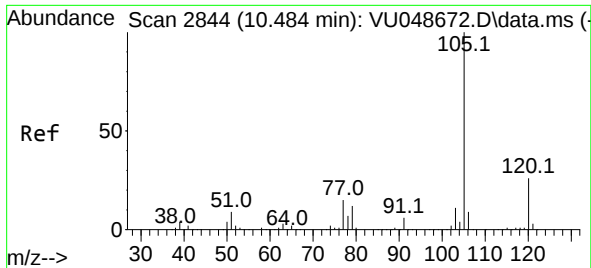
Tgt Ion:173 Resp: 10809
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:152 Resp: 142555
Ion Ratio Lower Upper
152 100
115 62.1 41.8 125.4
150 153.0 0.0 341.0

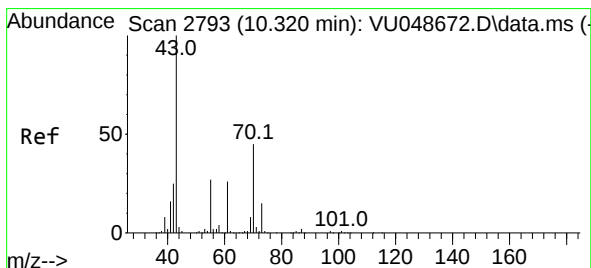
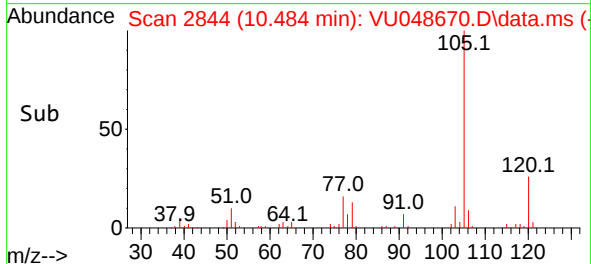
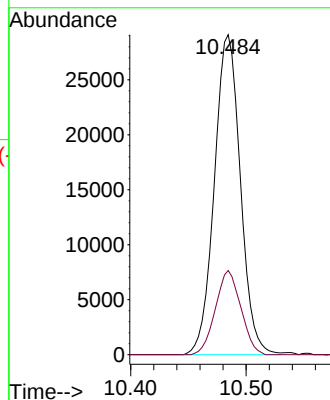
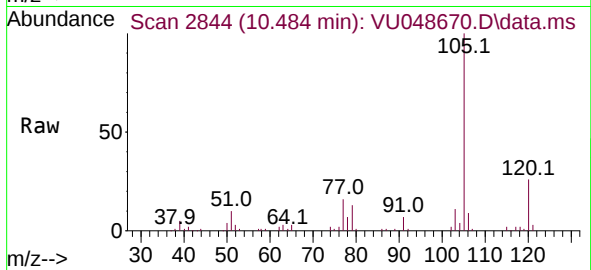




#73
Isopropylbenzene
Concen: 4.949 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

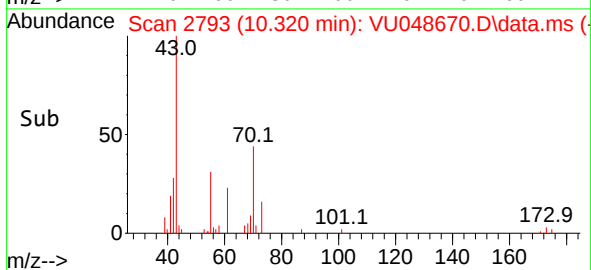
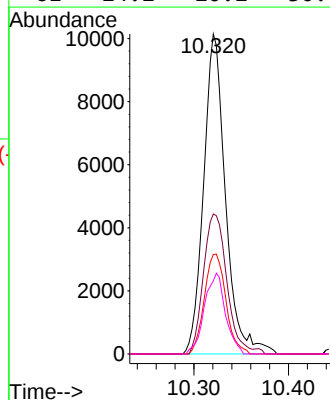
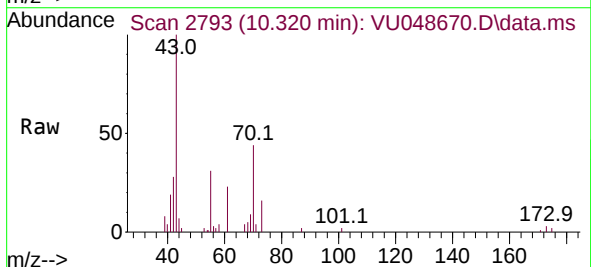
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

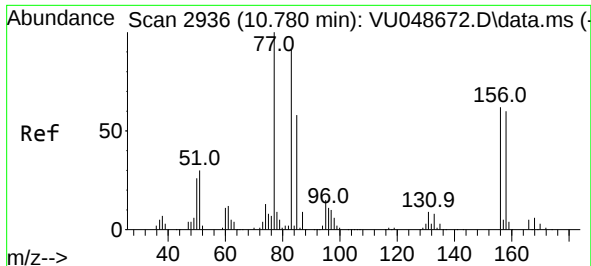
Tgt Ion:105 Resp: 45544
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 4.101 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
70 47.0 35.8 53.6
55 30.7 21.1 31.7
61 24.2 20.2 30.4

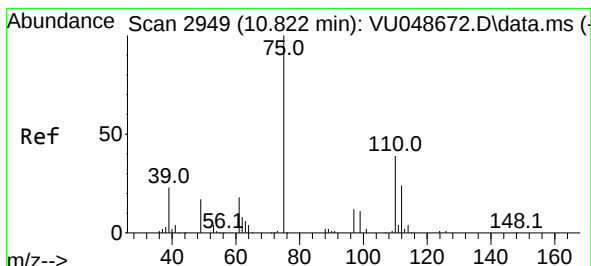
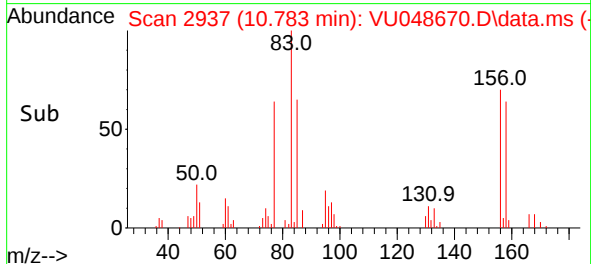
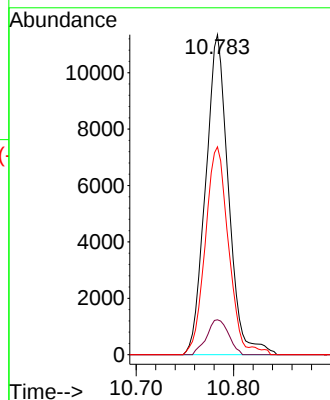
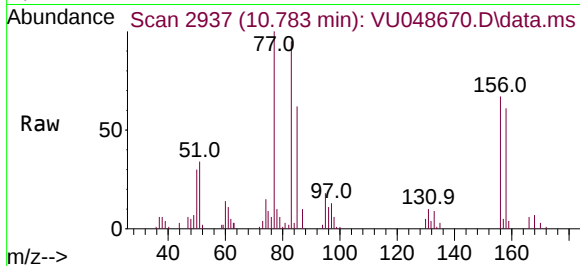




#75
1,1,2,2-Tetrachloroethane
Concen: 4.918 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

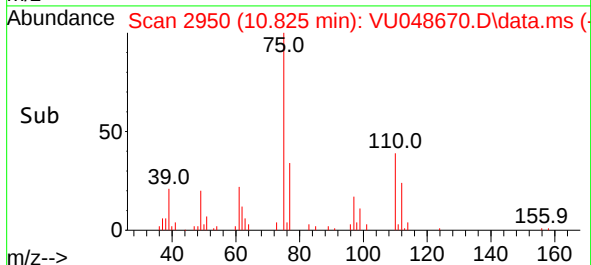
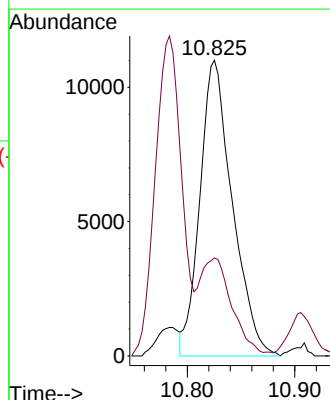
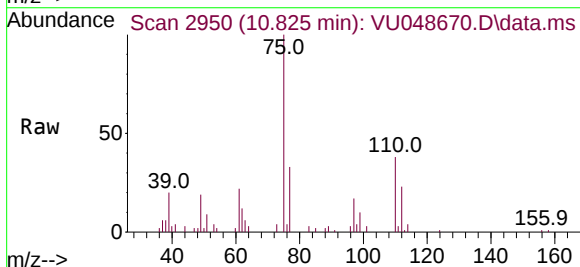
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

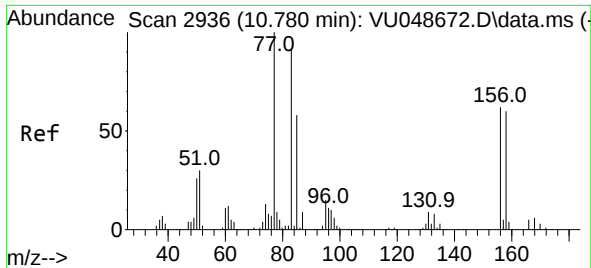
Tgt Ion: 83 Resp: 18471
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 66.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 5.874 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 75 Resp: 23066
Ion Ratio Lower Upper
75 100
77 31.0 14.8 44.3

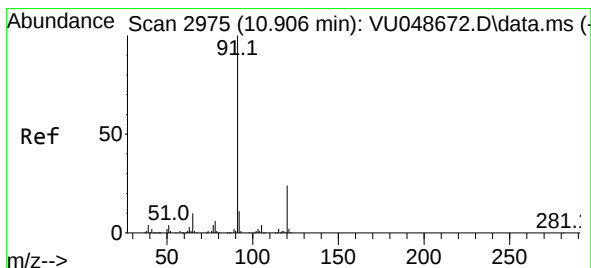
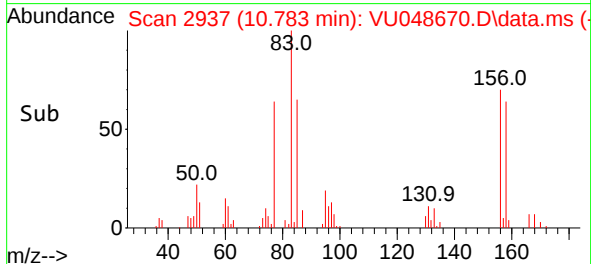
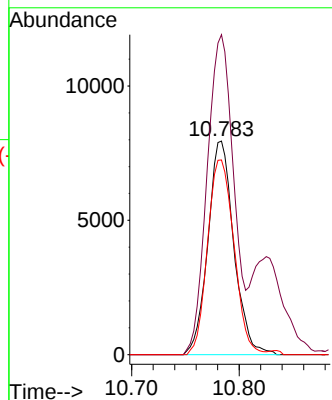
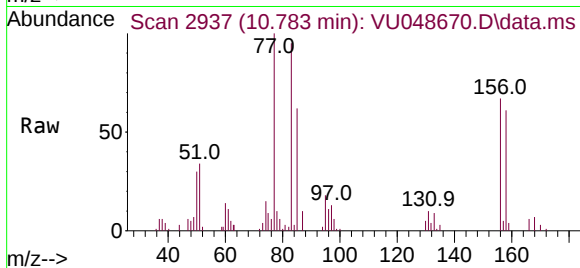




#77
Bromobenzene
Concen: 5.404 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

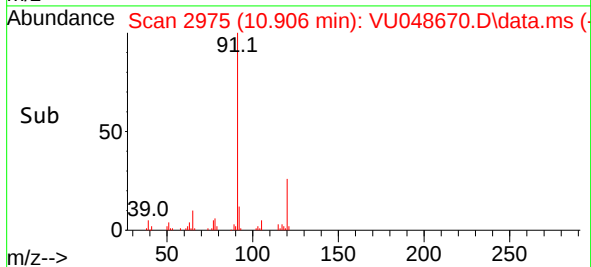
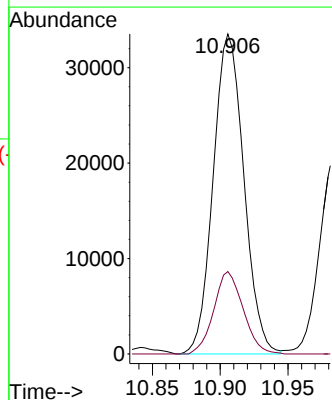
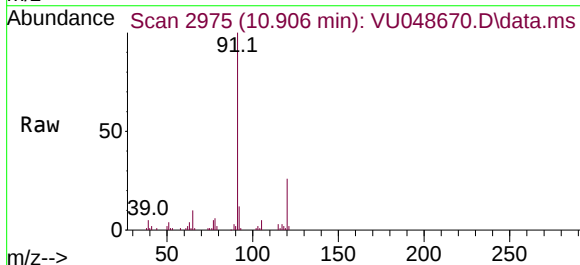
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

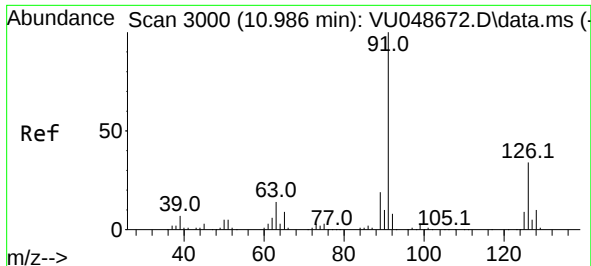
Tgt Ion:156 Resp: 13358
Ion Ratio Lower Upper
156 100
77 152.6 81.1 243.3
158 92.8 48.8 146.4



#78
n-propylbenzene
Concen: 4.809 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 91 Resp: 52737
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.7

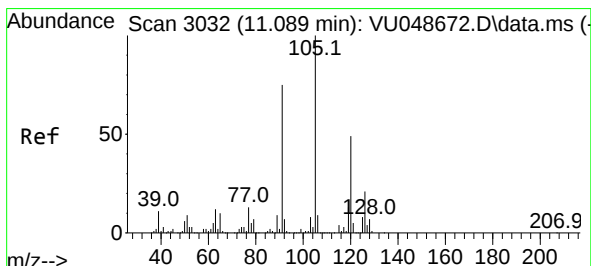
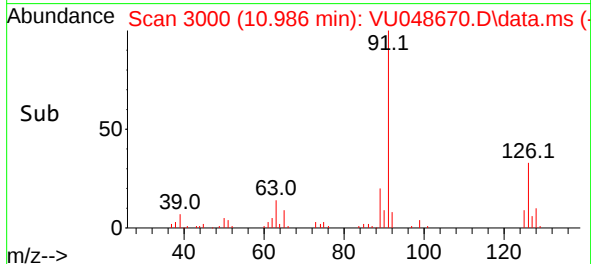
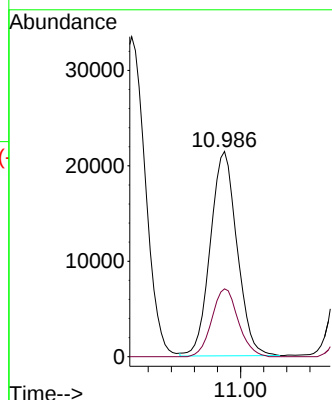
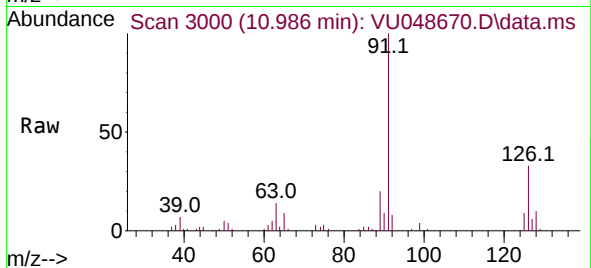




#79
2-Chlorotoluene
Concen: 5.046 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

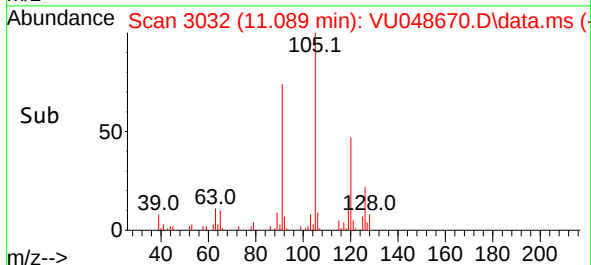
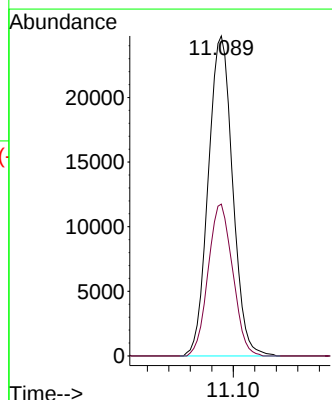
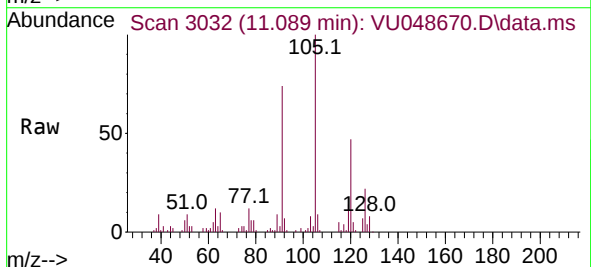
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

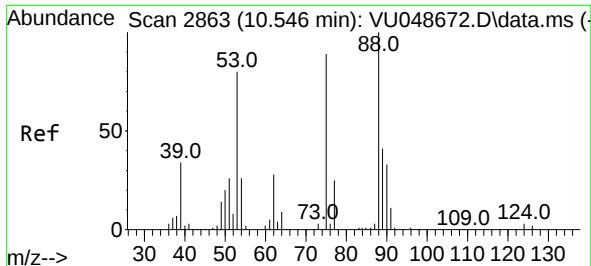
Tgt Ion: 91 Resp: 34410
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 4.868 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 105 Resp: 38962
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

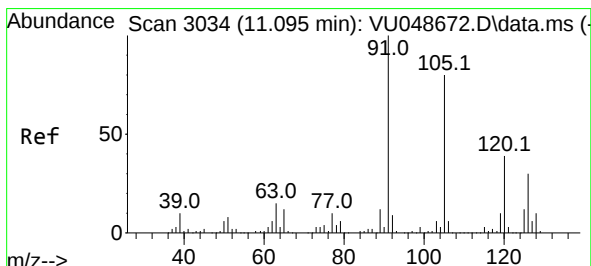
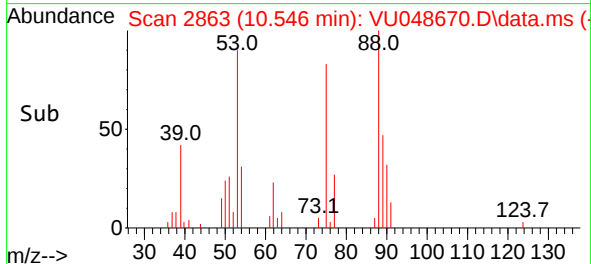
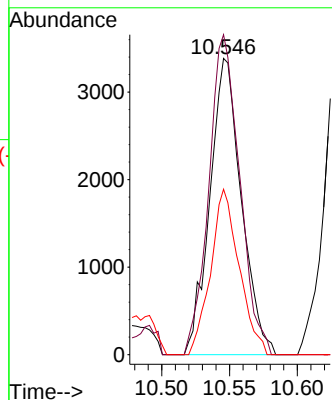
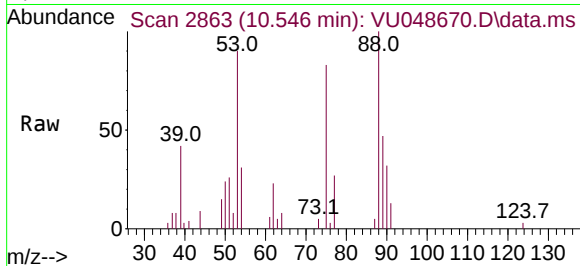




#81
trans-1,4-Dichloro-2-butene
Concen: 4.324 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

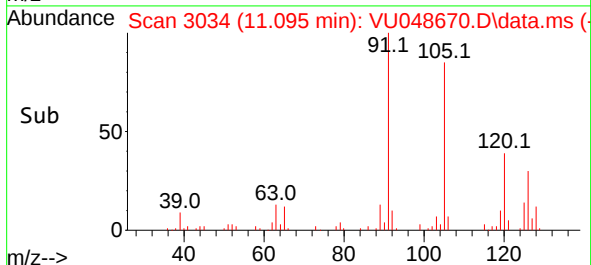
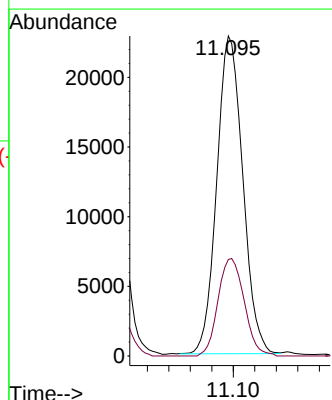
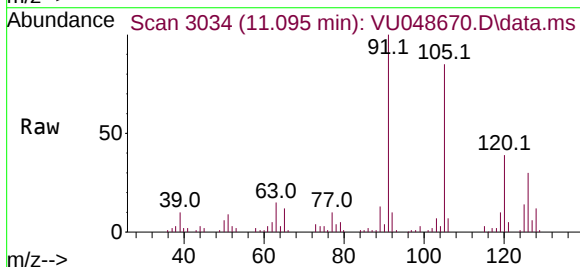
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

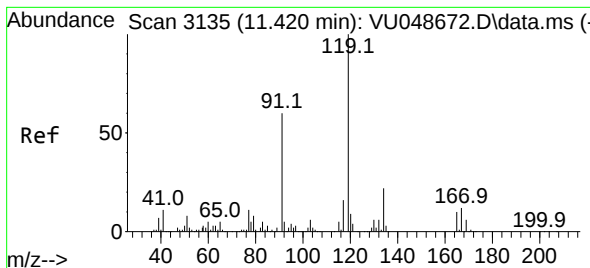
Tgt Ion: 75 Resp: 5474
Ion Ratio Lower Upper
75 100
53 105.8 72.5 108.7
89 50.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.867 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 91 Resp: 38298
Ion Ratio Lower Upper
91 100
126 30.9 14.4 43.2





#83

tert-Butylbenzene

Concen: 4.880 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

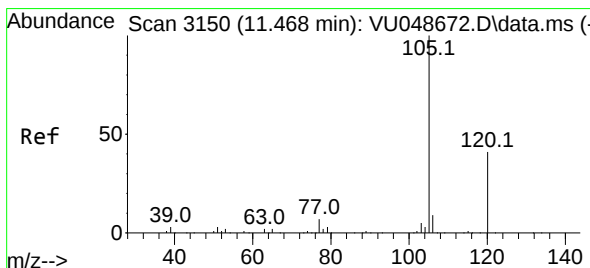
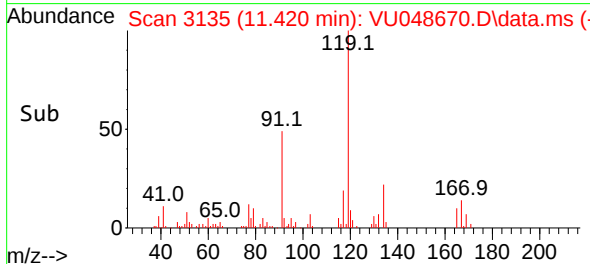
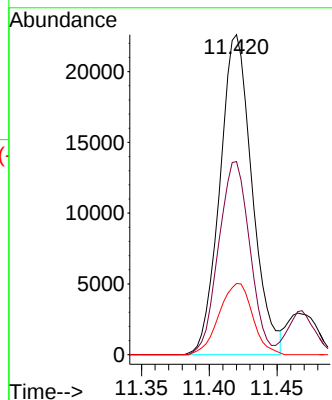
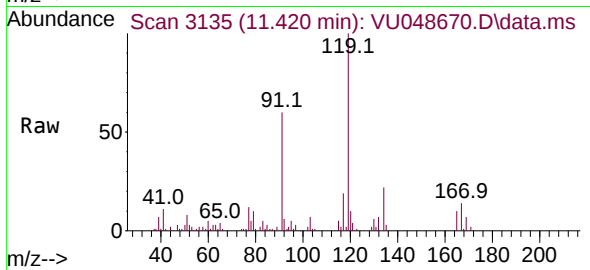
Tgt Ion:119 Resp: 37484

Ion Ratio Lower Upper

119 100

91 58.5 28.7 86.1

134 23.0 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 4.664 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048670.D

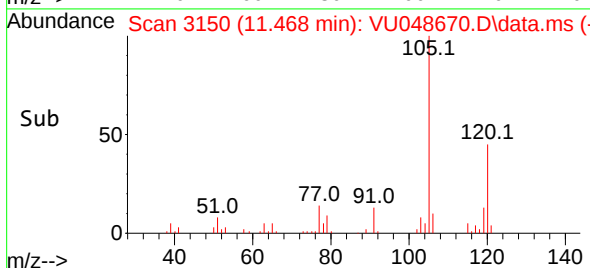
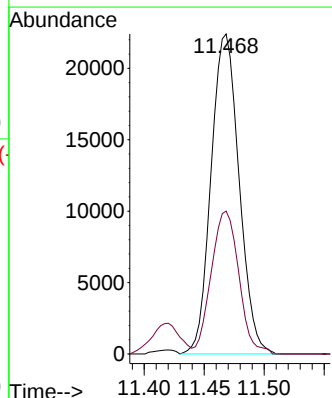
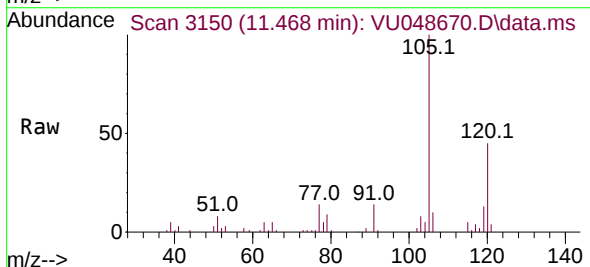
Acq: 26 May 2022 10:19

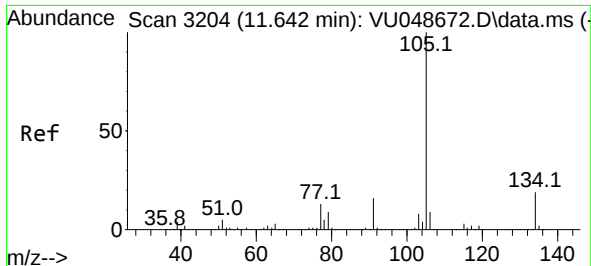
Tgt Ion:105 Resp: 36334

Ion Ratio Lower Upper

105 100

120 44.1 22.5 67.5

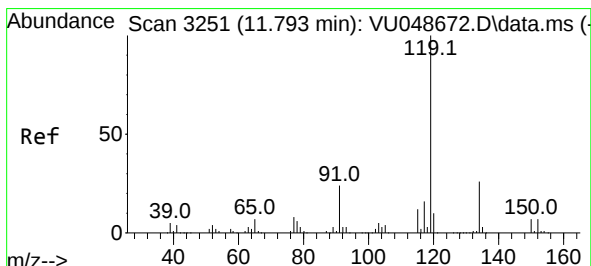
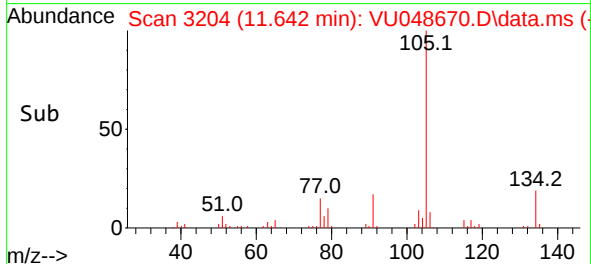
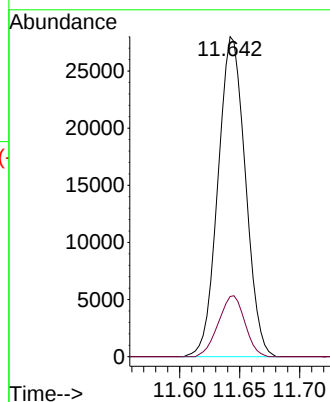
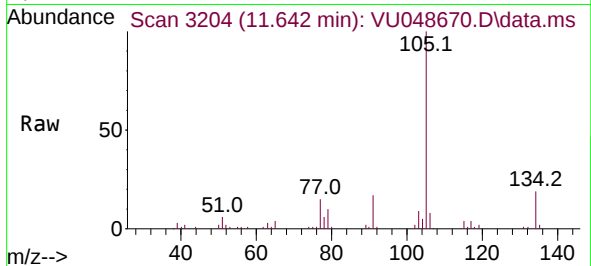




#85
 sec-Butylbenzene
 Concen: 4.622 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

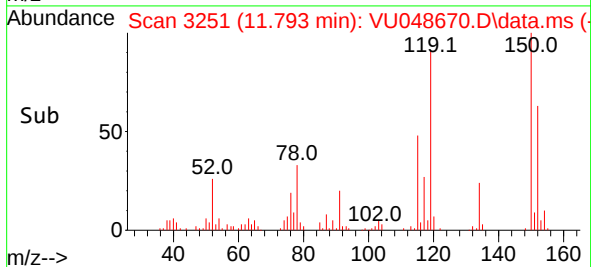
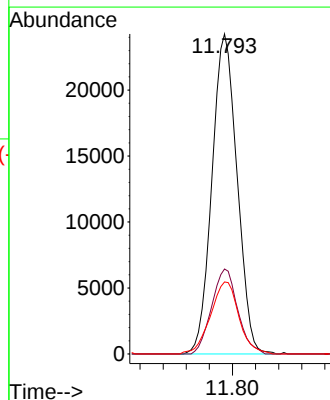
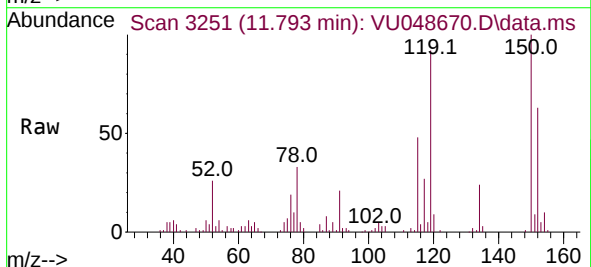
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 44416
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 4.434 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion:119 Resp: 36594
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.4
 91 25.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 5.075 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

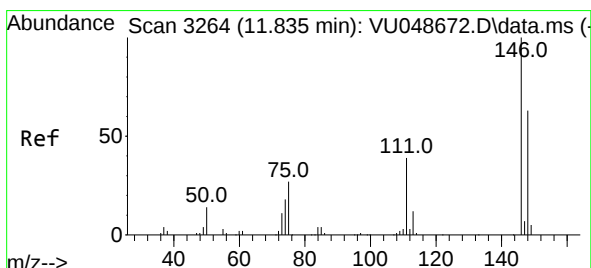
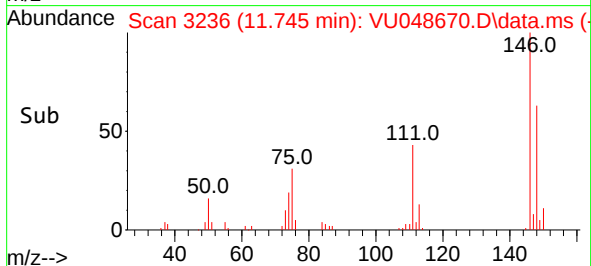
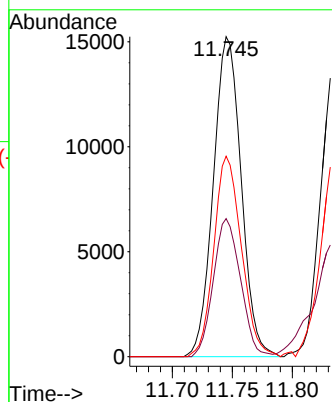
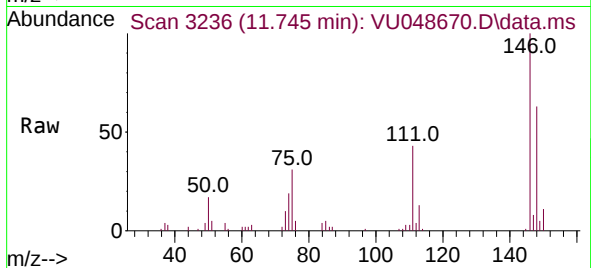
Tgt Ion:146 Resp: 24595

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

148 62.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 4.872 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

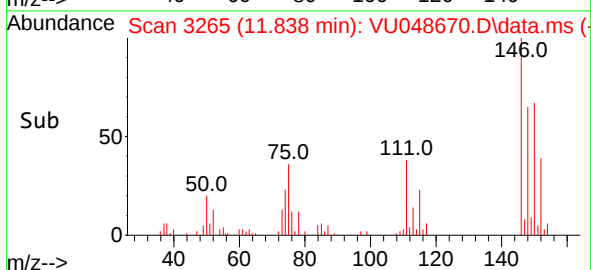
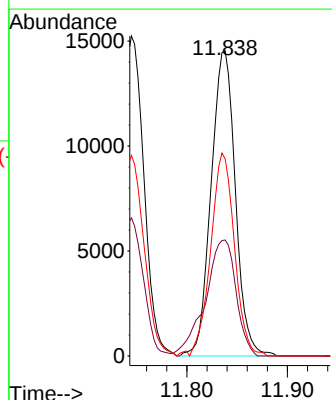
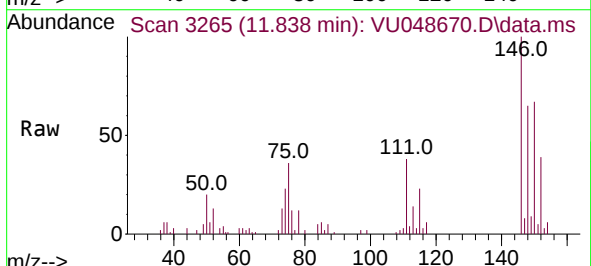
Tgt Ion:146 Resp: 24391

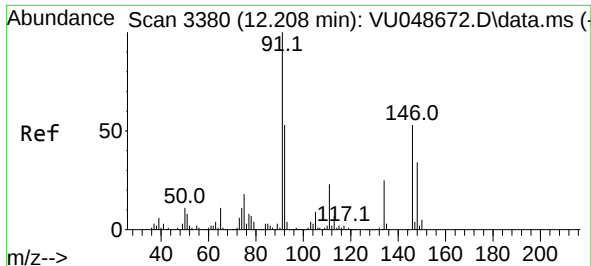
Ion Ratio Lower Upper

146 100

111 48.1 20.2 60.6

148 65.3 32.4 97.0

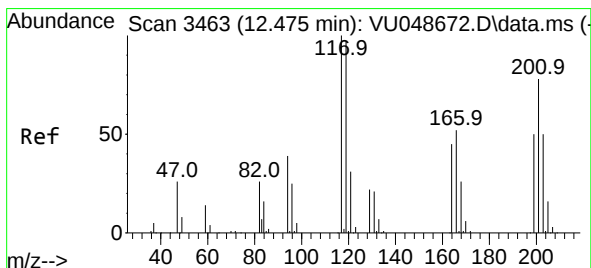
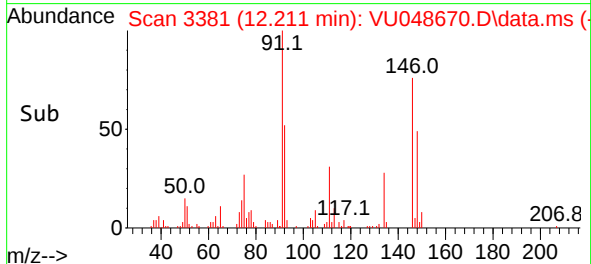
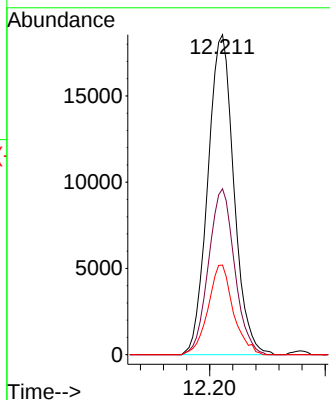
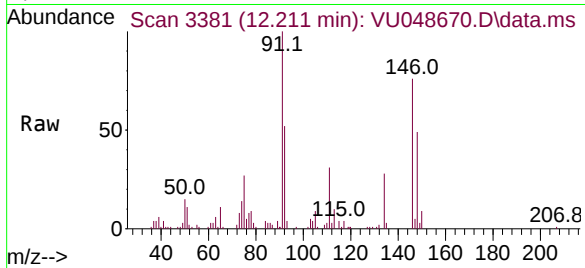




#89
n-Butylbenzene
Concen: 4.004 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

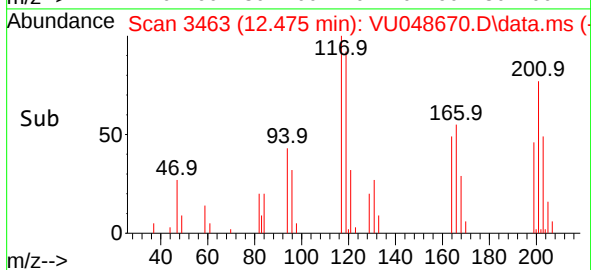
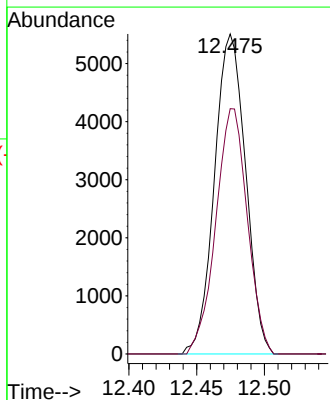
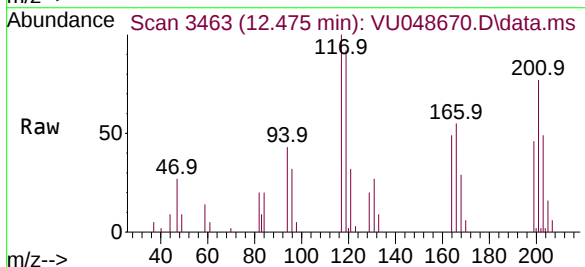
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

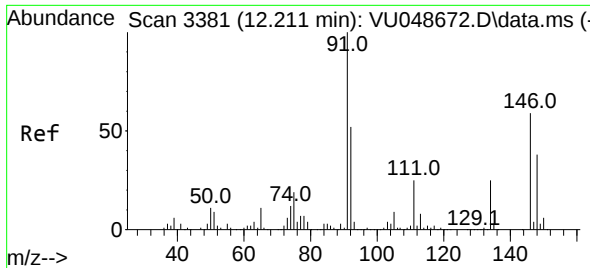
Tgt Ion: 91 Resp: 29037
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 27.2 12.5 37.5



#90
Hexachloroethane
Concen: 5.217 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 117 Resp: 8787
Ion Ratio Lower Upper
117 100
201 77.6 39.6 119.0

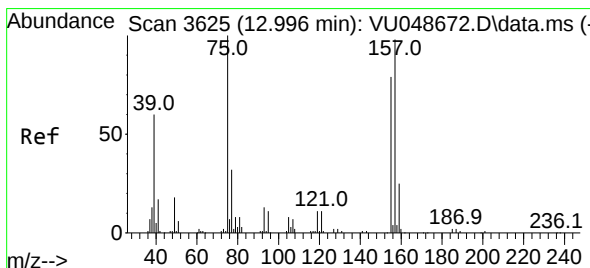
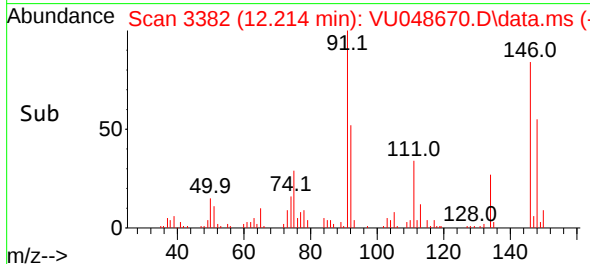
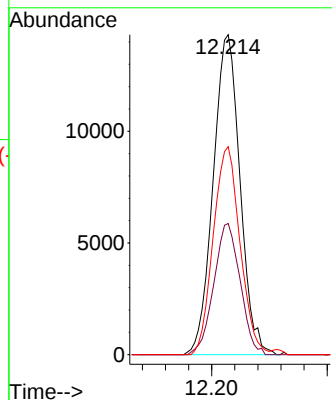
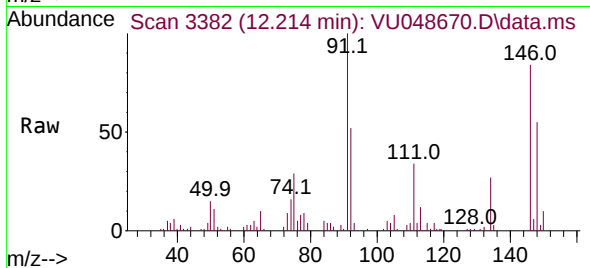




#91
 1,2-Dichlorobenzene
 Concen: 4.716 ug/l
 RT: 12.214 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

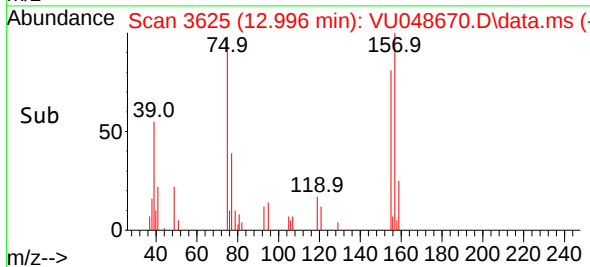
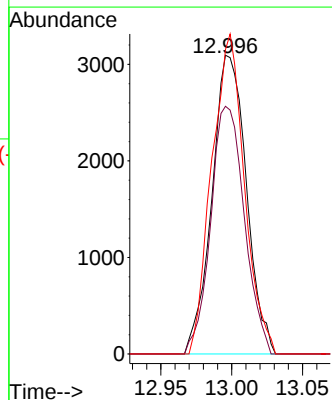
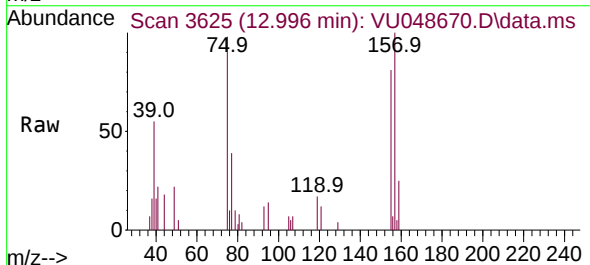
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

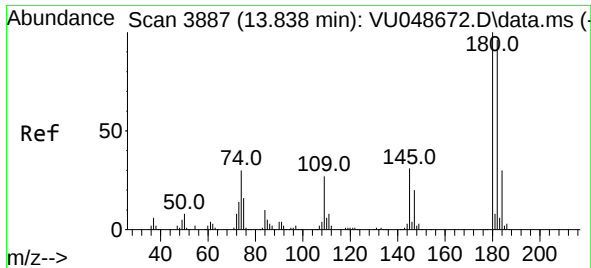
Tgt Ion:	146	Resp:	23086
Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.4	64.3
148	64.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.834 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion:	75	Resp:	5227
Ion	Ratio	Lower	Upper
75	100		
155	81.1	40.3	120.8
157	101.6	50.0	150.0

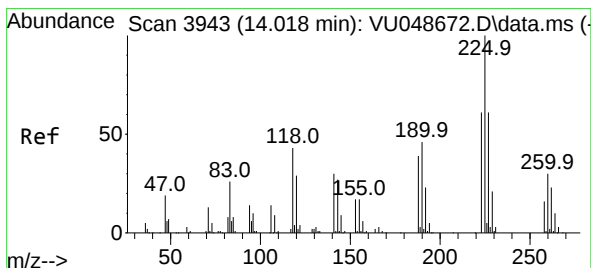
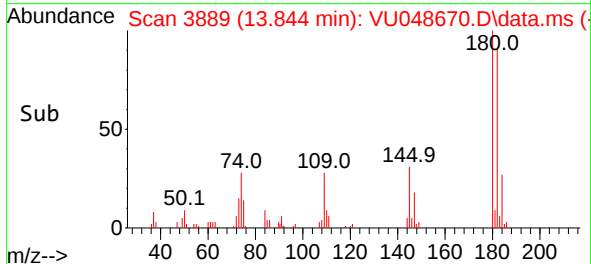
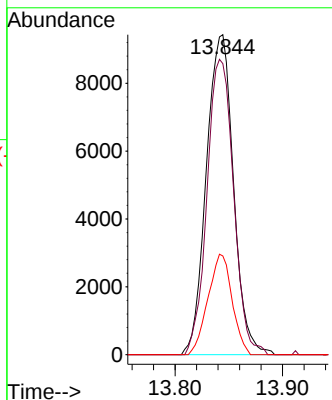
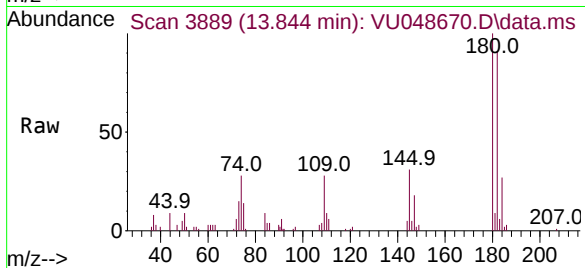




#93
1,2,4-Trichlorobenzene
Concen: 5.158 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

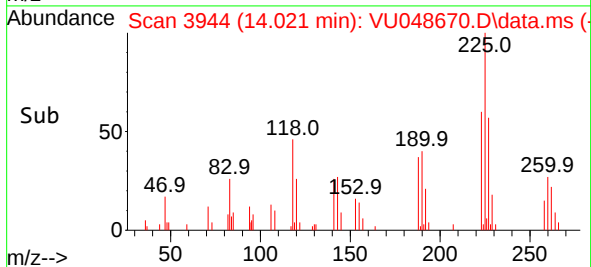
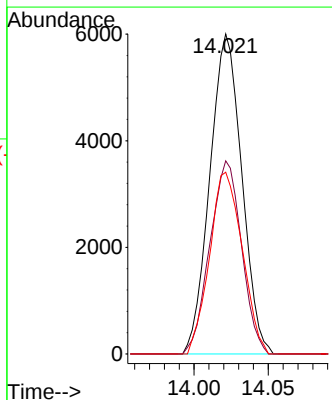
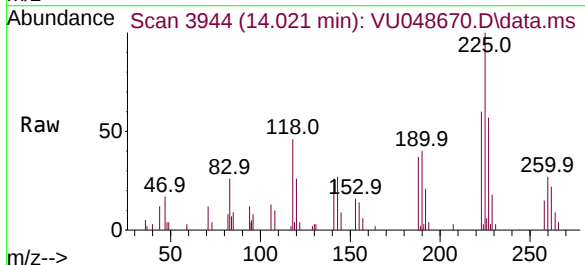
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

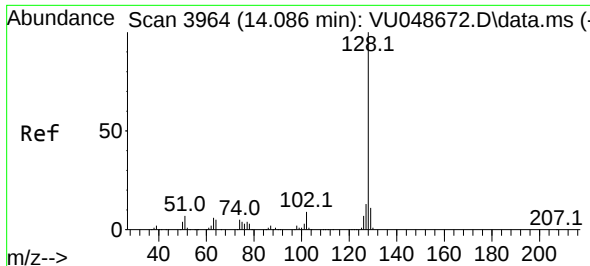
Tgt Ion:180 Resp: 16570
Ion Ratio Lower Upper
180 100
182 90.2 48.3 144.9
145 27.8 15.6 46.7



#94
Hexachlorobutadiene
Concen: 5.830 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:225 Resp: 8977
Ion Ratio Lower Upper
225 100
223 59.7 30.9 92.8
227 58.1 31.1 93.5

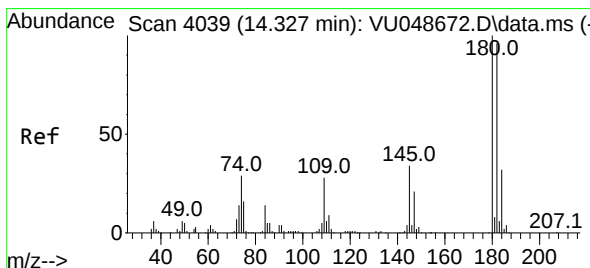
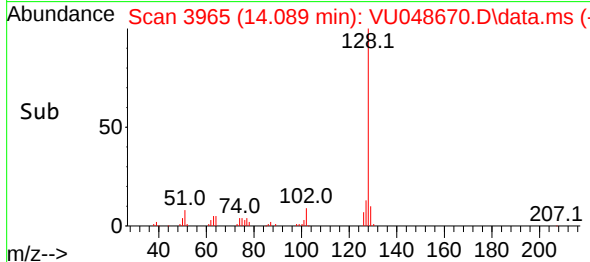
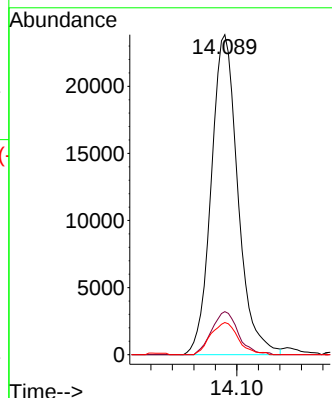
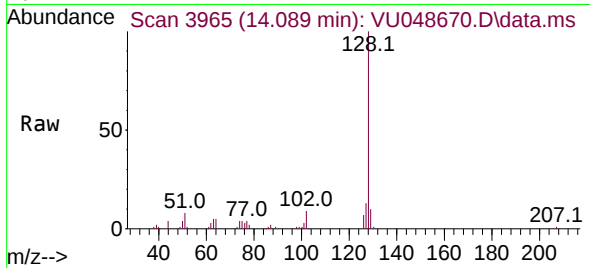




#95
Naphthalene
Concen: 4.121 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	41064
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.4	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.082 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:180	Resp:	16169
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.4 142.2
145	33.2	16.6 49.8

