

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048671.D
 Acq On : 26 May 2022 10:43
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: May 27 05:34:39 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	5.375	168	157960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	224129	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	218889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	130818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	41427	17.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	34.920%#
35) Dibromofluoromethane	5.292	113	32077	20.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.120%#
50) Toluene-d8	7.899	98	103373	18.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	36.080%#
62) 4-Bromofluorobenzene	10.632	95	40156	18.525	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.040%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	29194	16.144	ug/l	96
3) Chloromethane	1.523	50	20266	8.706	ug/l	97
4) Vinyl Chloride	1.604	62	24215	11.231	ug/l	99
5) Bromomethane	1.858	94	25901	19.252	ug/l	96
6) Chloroethane	1.935	64	25429	18.932	ug/l	97
7) Trichlorofluoromethane	2.141	101	73860	23.987	ug/l	99
8) Diethyl Ether	2.379	74	29112	25.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	29112	17.272	ug/l	95
10) Methyl Iodide	2.726	142	43506	19.572	ug/l	96
11) Tert butyl alcohol	3.202	59	48028	155.659	ug/l #	44
12) 1,1-Dichloroethene	2.581	96	24978	15.536	ug/l	98
13) Acrolein	2.485	56	20412	88.030	ug/l	95
14) Allyl chloride	2.925	41	37966	12.192	ug/l #	82
15) Acrylonitrile	3.314	53	85707	65.706	ug/l	98
16) Acetone	2.633	43	97454	80.610	ug/l	96
17) Carbon Disulfide	2.797	76	68386	14.571	ug/l	99
18) Methyl Acetate	2.948	43	37149	12.239	ug/l	91
19) Methyl tert-butyl Ether	3.366	73	104888	17.194	ug/l	97
20) Methylene Chloride	3.047	84	31538	15.341	ug/l #	85
21) trans-1,2-Dichloroethene	3.356	96	30421	16.542	ug/l	96
22) Diisopropyl ether	3.993	45	77161	13.433	ug/l #	81
23) Vinyl Acetate	3.957	43	343063	68.935	ug/l #	94
24) 1,1-Dichloroethane	3.871	63	55610	15.415	ug/l	95
25) 2-Butanone	4.703	43	119723	68.934	ug/l	91
26) 2,2-Dichloropropane	4.668	77	60179	18.594	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	34667	16.286	ug/l	95
28) Bromochloromethane	4.973	49	17774	12.561	ug/l #	62
29) Tetrahydrofuran	5.054	42	66495	59.812	ug/l #	82
30) Chloroform	5.089	83	67905	18.812	ug/l	97
31) Cyclohexane	5.388	56	42144	14.097	ug/l #	86
32) 1,1,1-Trichloroethane	5.317	97	64240	19.617	ug/l	98
36) 1,1-Dichloropropene	5.530	75	44315	18.989	ug/l	99
37) Ethyl Acetate	4.806	43	43483	14.293	ug/l #	97
38) Carbon Tetrachloride	5.527	117	61021	22.792	ug/l	95
39) Methylcyclohexane	6.764	83	44514	18.192	ug/l	92
40) Benzene	5.777	78	119967	17.412	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	22702	15.228	ug/l	92
42) 1,2-Dichloroethane	5.797	62	57042	21.150	ug/l	99
43) Isopropyl Acetate	5.912	43	64593	15.085	ug/l	98
44) Trichloroethene	6.543	130	35941	20.248	ug/l	96
45) 1,2-Dichloropropane	6.797	63	28932	16.680	ug/l	98
46) Dibromomethane	6.919	93	24864	19.187	ug/l	95
47) Bromodichloromethane	7.105	83	52753	20.130	ug/l	99
48) Methyl methacrylate	6.961	41	30735	15.989	ug/l	92
49) 1,4-Dioxane	6.983	88	15920	370.480	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	212342	76.371	ug/l	98
52) Toluene	7.970	92	79043	19.180	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	56540	20.001	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	53675	18.323	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	34023	18.706	ug/l	94
56) Ethyl methacrylate	8.333	69	43916	17.299	ug/l #	92
57) 1,3-Dichloropropane	8.575	76	56043	18.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	36001	72.461	ug/l	92
59) 2-Hexanone	8.684	43	172507	75.574	ug/l	99
60) Dibromochloromethane	8.809	129	43170	21.174	ug/l	99
61) 1,2-Dibromoethane	8.922	107	37742	18.843	ug/l	100
64) Tetrachloroethene	8.555	164	35781	21.273	ug/l	96
65) Chlorobenzene	9.446	112	89901	19.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	38808	22.084	ug/l	95
67) Ethyl Benzene	9.571	91	151651	19.422	ug/l	99
68) m/p-Xylenes	9.694	106	124673	40.825	ug/l	99
69) o-Xylene	10.102	106	59348	19.781	ug/l	99
70) Styrene	10.115	104	99284	20.118	ug/l	97
71) Bromoform	10.292	173	36638	22.550	ug/l #	97
73) Isopropylbenzene	10.485	105	160230	18.972	ug/l	100
74) N-amyl acetate	10.321	43	51418	14.082	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.780	83	54313	15.759	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	67225	18.656	ug/l	98
77) Bromobenzene	10.784	156	45716	20.156	ug/l	87
78) n-propylbenzene	10.906	91	184134	18.297	ug/l	98
79) 2-Chlorotoluene	10.986	91	114875	18.356	ug/l	96
80) 1,3,5-Trimethylbenzene	11.086	105	144264	19.642	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	17665	15.206	ug/l	89
82) 4-Chlorotoluene	11.095	91	137611	19.058	ug/l	95
83) tert-Butylbenzene	11.420	119	138691	19.675	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	145541	20.359	ug/l	100
85) sec-Butylbenzene	11.642	105	168092	19.061	ug/l	97
86) p-Isopropyltoluene	11.793	119	154838	20.446	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	85513	19.229	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	90365	19.668	ug/l	99
89) n-Butylbenzene	12.208	91	161146	24.214	ug/l	99
90) Hexachloroethane	12.475	117	41894	27.106	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	101937	22.691	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	26778	26.985	ug/l	97
93) 1,2,4-Trichlorobenzene	13.838	180	81094	27.508	ug/l	99
94) Hexachlorobutadiene	14.018	225	38661	27.360	ug/l	100
95) Naphthalene	14.086	128	231122	25.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	83508	28.600	ug/l	97

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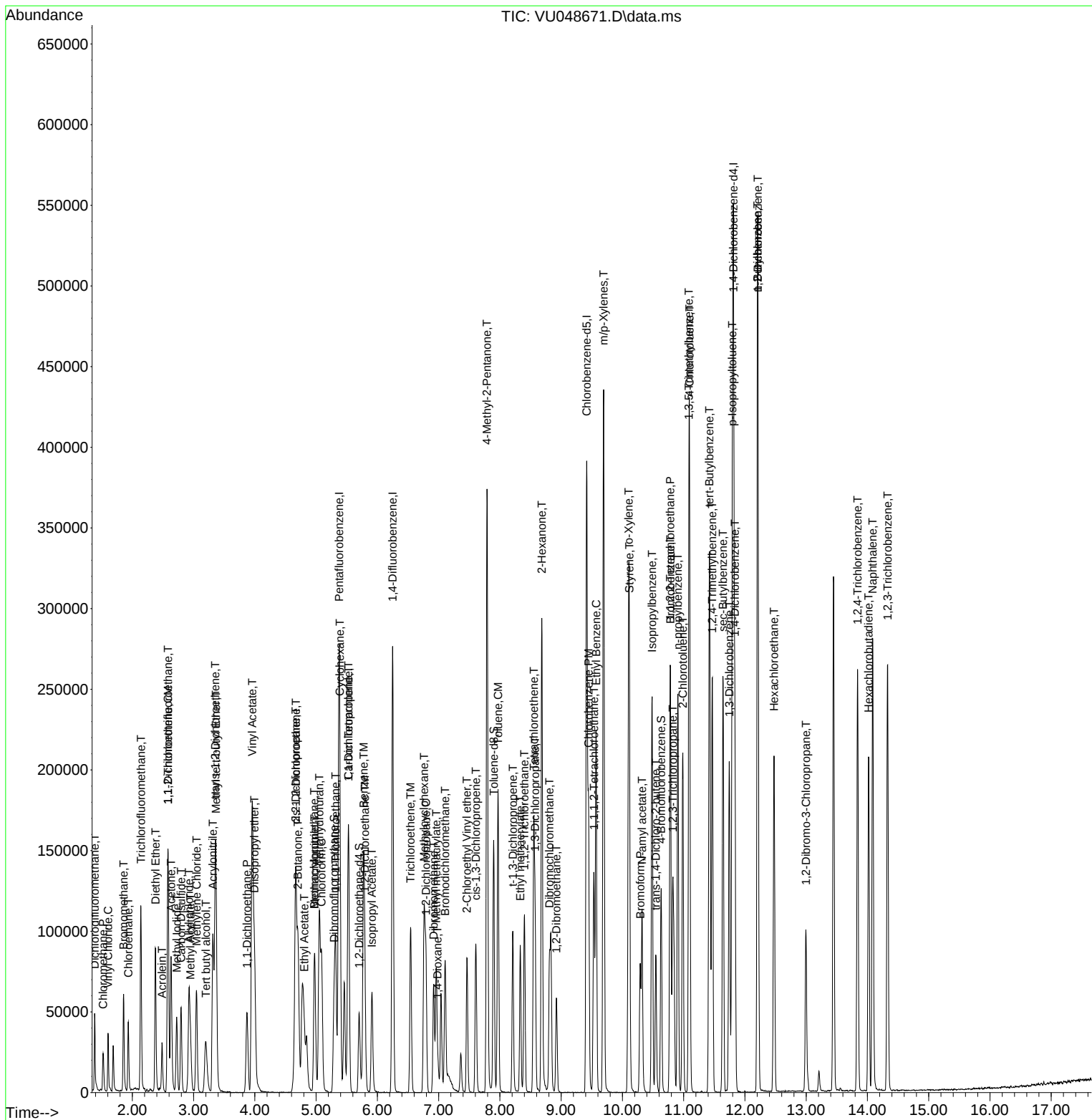
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MSVOA_U
ClientSampleId :
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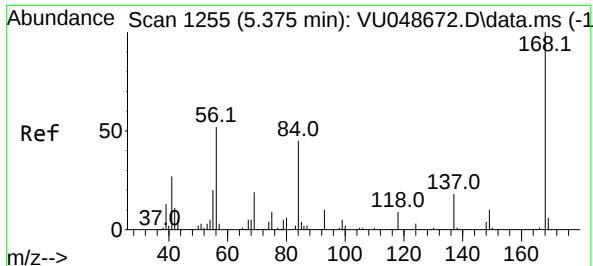
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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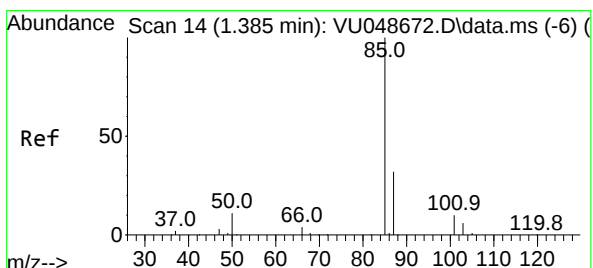
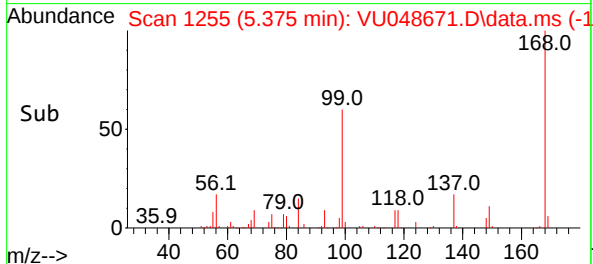
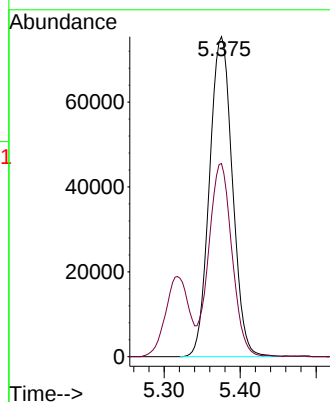
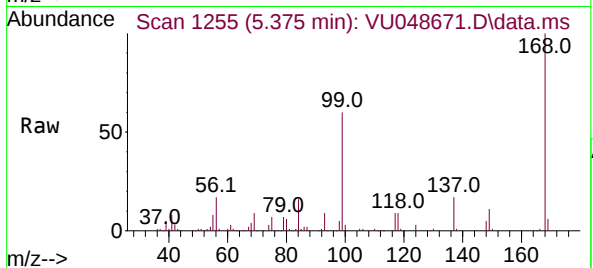




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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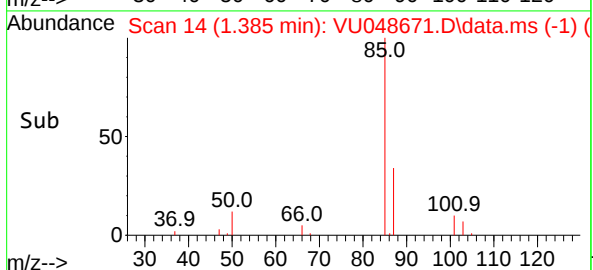
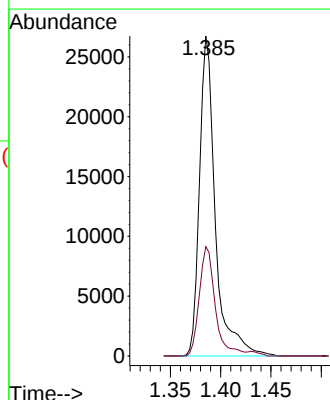
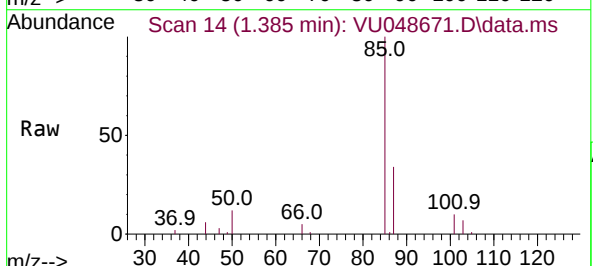
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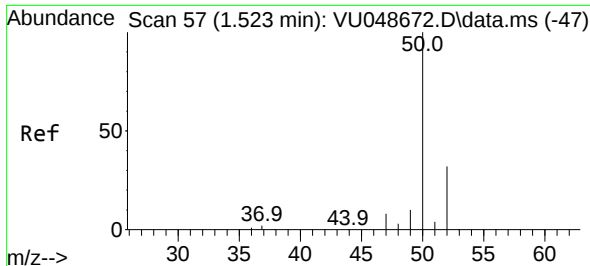
Tgt Ion:168 Resp: 157960
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 16.144 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 85 Resp: 29194
Ion Ratio Lower Upper
85 100
87 34.2 16.0 48.0

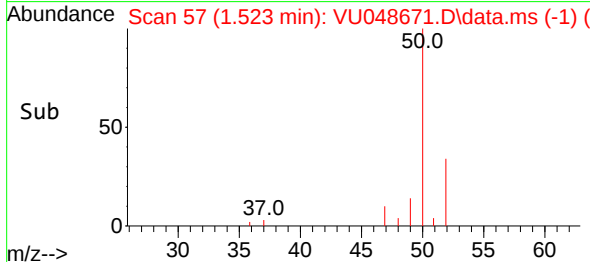
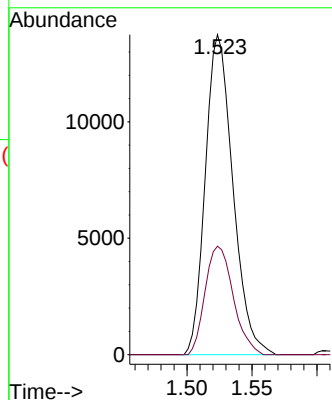
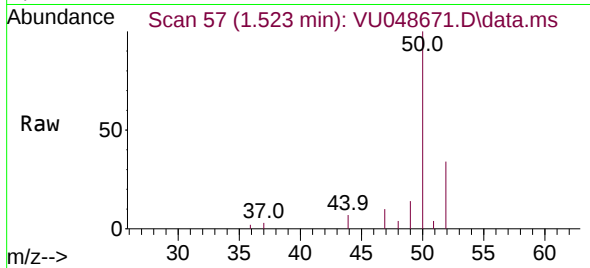




#3
Chloromethane
Concen: 8.706 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

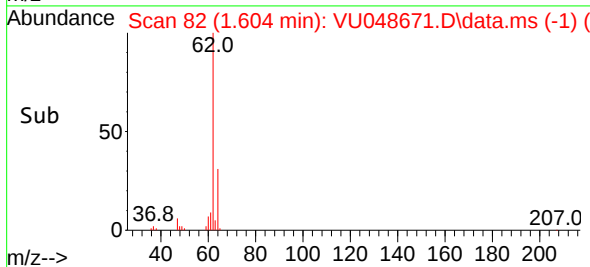
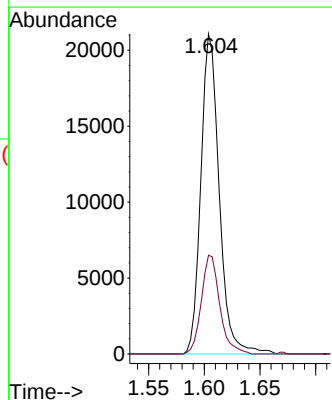
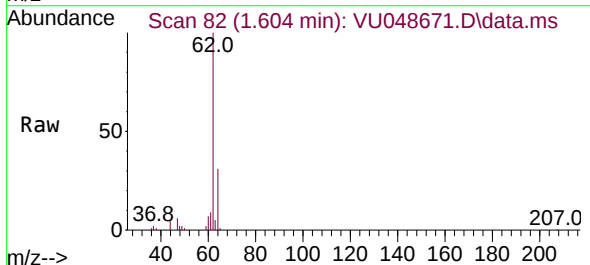
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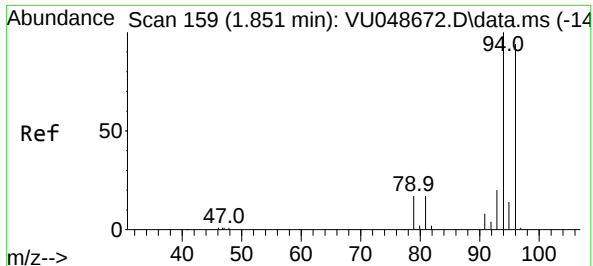
Tgt Ion: 50 Resp: 20266
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5



#4
Vinyl Chloride
Concen: 11.231 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 62 Resp: 24215
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8

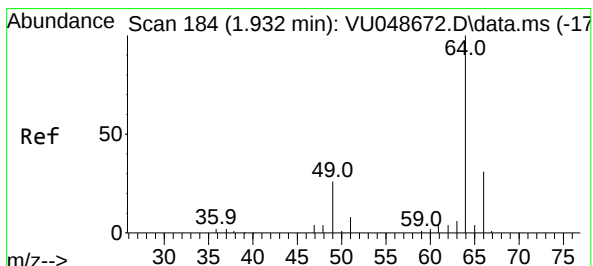
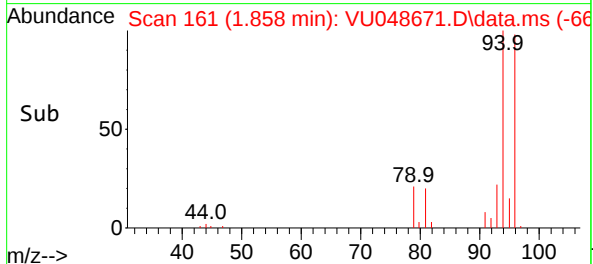
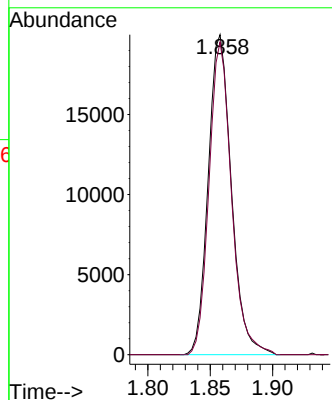
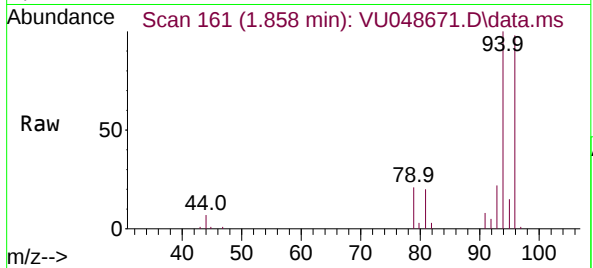




#5
Bromomethane
Concen: 19.252 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

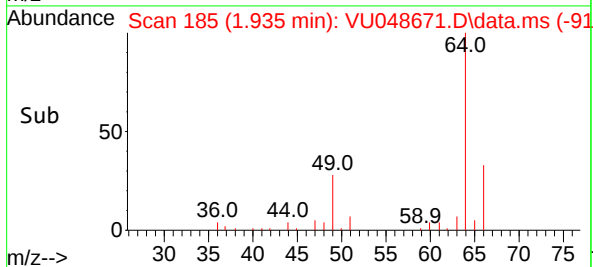
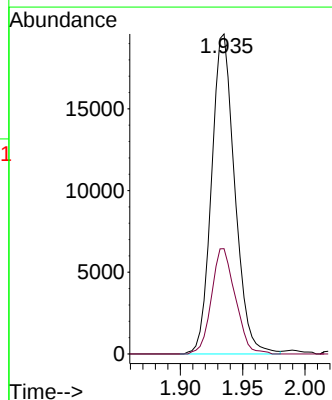
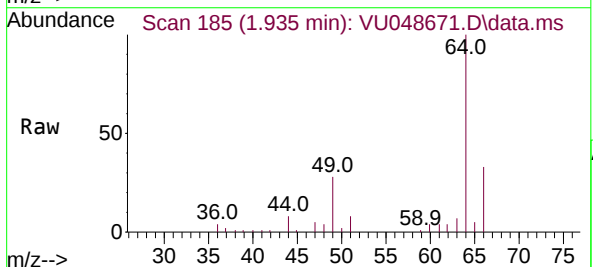
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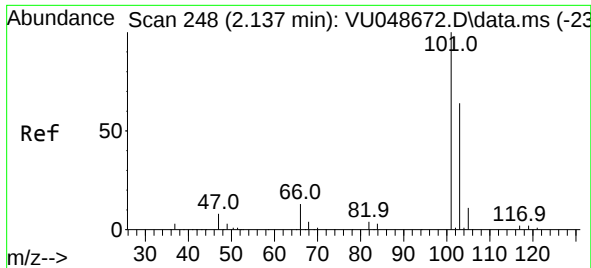
Tgt Ion: 94 Resp: 25901
Ion Ratio Lower Upper
94 100
96 97.7 75.1 112.7



#6
Chloroethane
Concen: 18.932 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 64 Resp: 25429
Ion Ratio Lower Upper
64 100
66 32.9 25.2 37.8

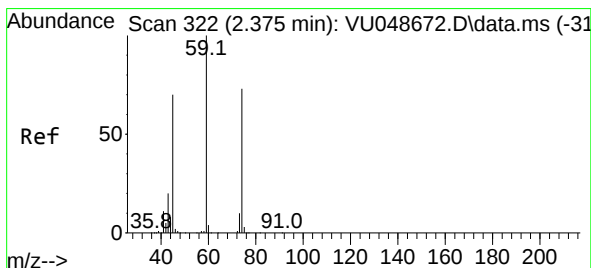
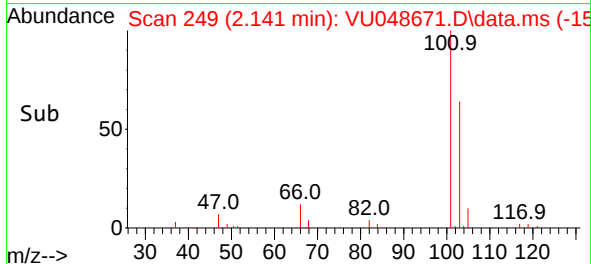
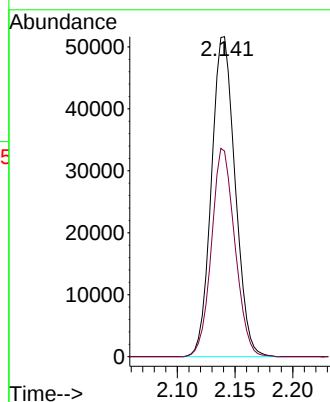
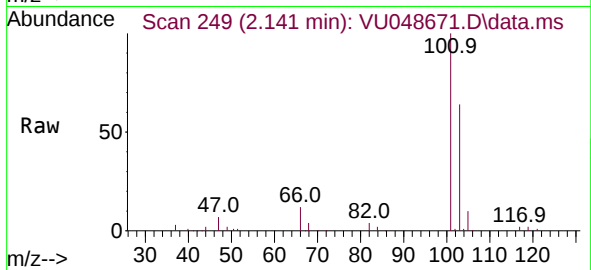




#7
 Trichlorofluoromethane
 Concen: 23.987 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

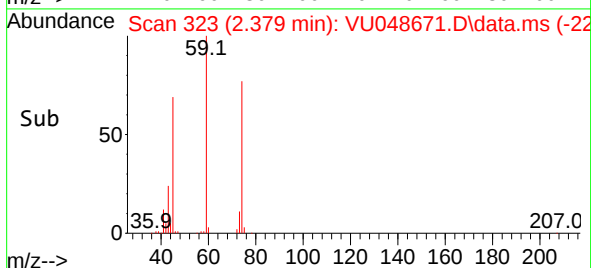
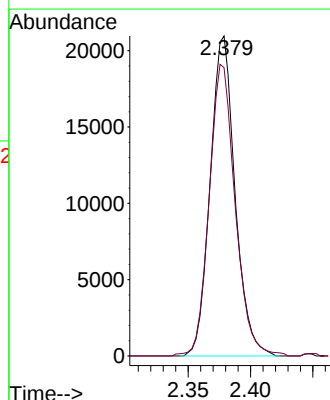
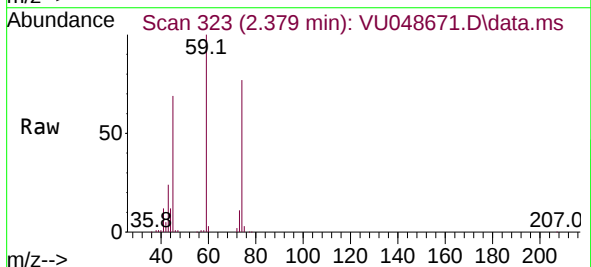
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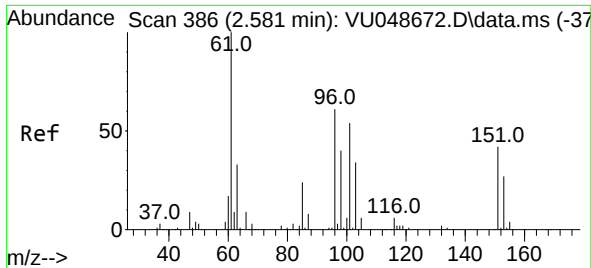
Tgt Ion:101 Resp: 73860
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.0 76.4



#8
 Diethyl Ether
 Concen: 25.620 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.003 min
 Lab File: VU048671.D
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Tgt Ion: 74 Resp: 29112
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.7 143.1

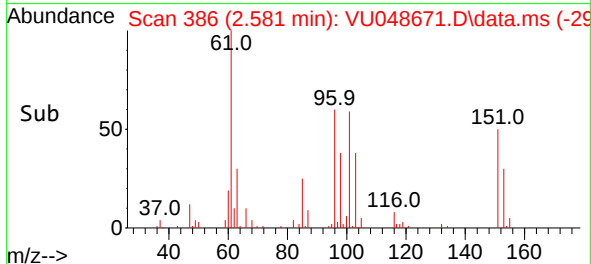
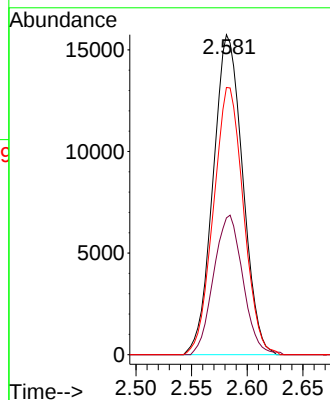
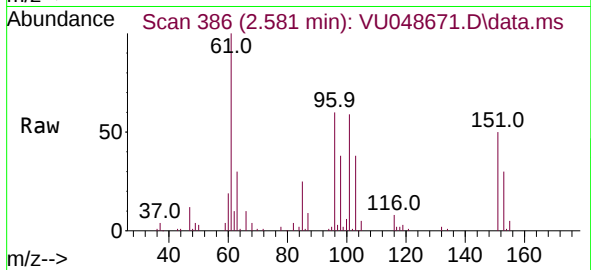




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.272 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048671.D
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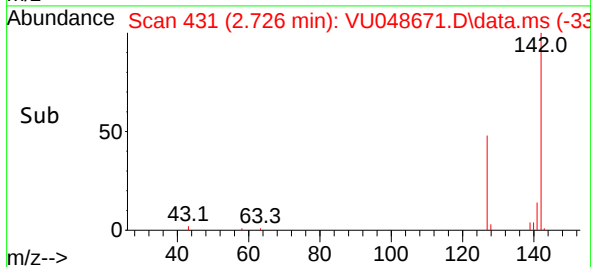
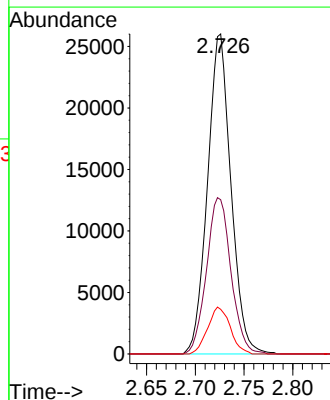
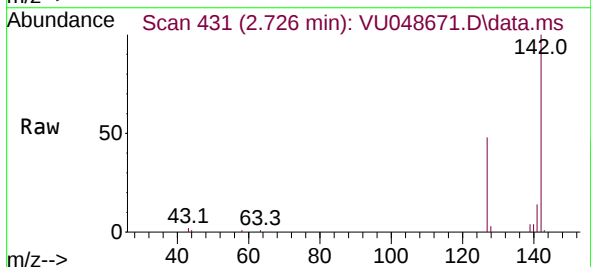
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ClientSampleId :
VSTDIC020

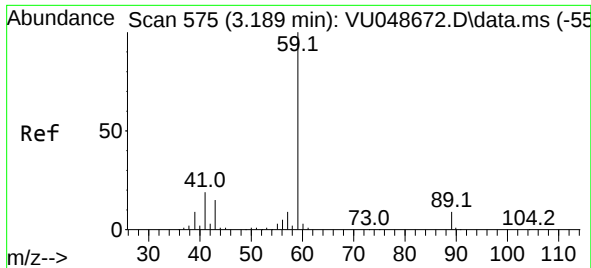
Tgt Ion:101 Resp: 29112
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.2
151 84.6 62.5 93.7



#10
Methyl Iodide
Concen: 19.572 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:142 Resp: 43506
Ion Ratio Lower Upper
142 100
127 51.1 38.4 57.6
141 14.1 11.5 17.3

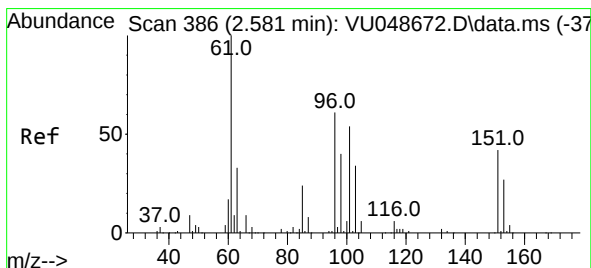
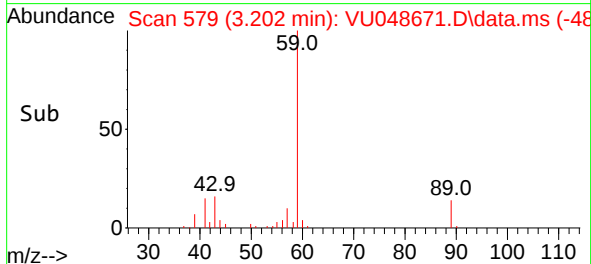
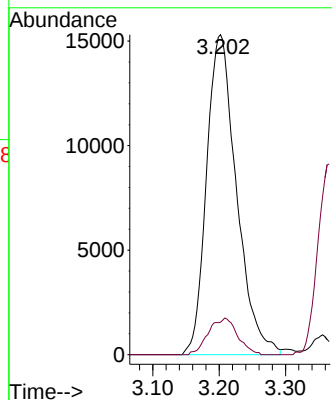
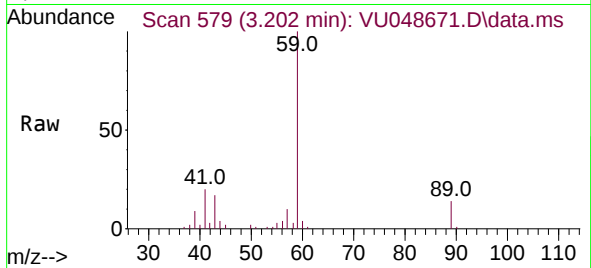




#11
Tert butyl alcohol
Concen: 155.659 ug/l
RT: 3.202 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

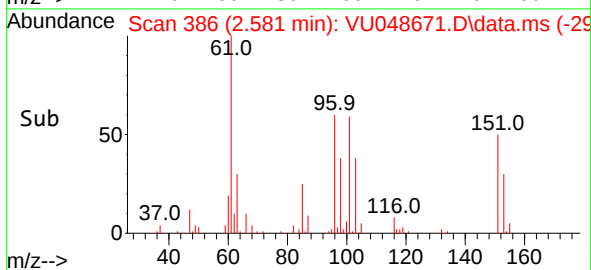
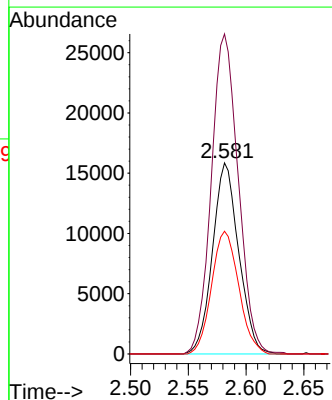
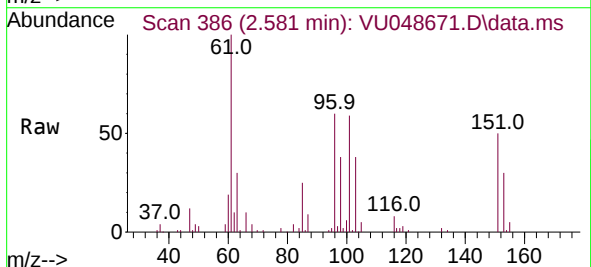
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

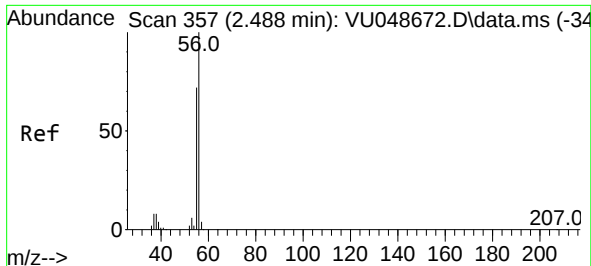
Tgt Ion: 59 Resp: 48028
Ion Ratio Lower Upper
59 100
57 11.1 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 15.536 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 96 Resp: 24978
Ion Ratio Lower Upper
96 100
61 167.5 131.1 196.7
98 64.3 51.8 77.8

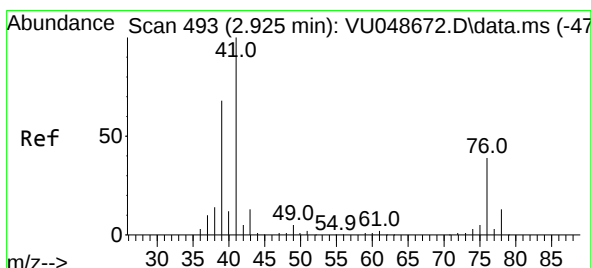
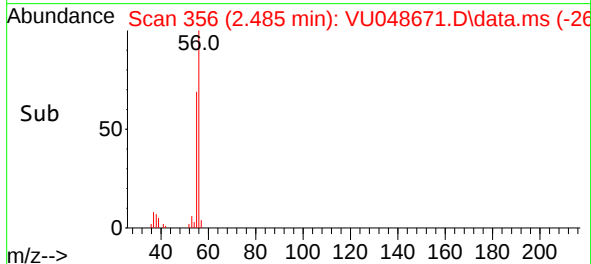
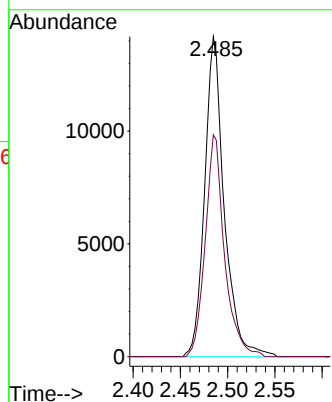
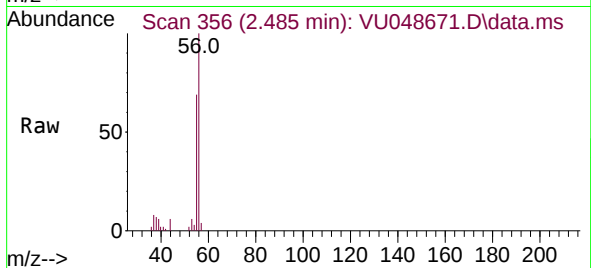




#13
Acrolein
Concen: 88.030 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

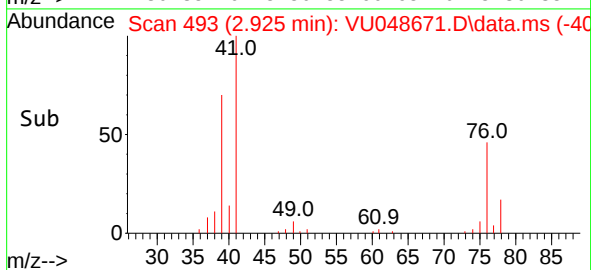
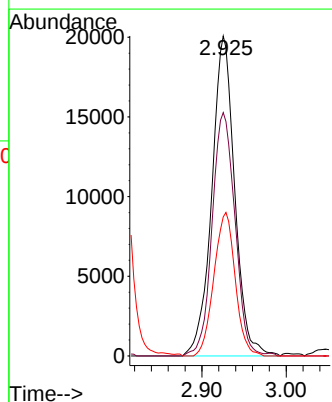
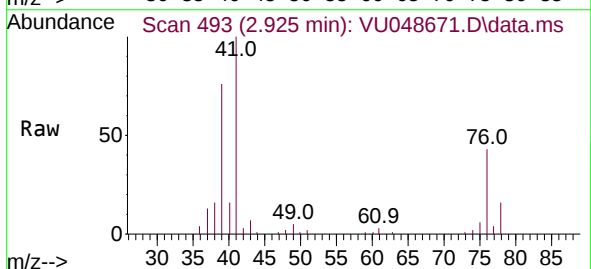
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

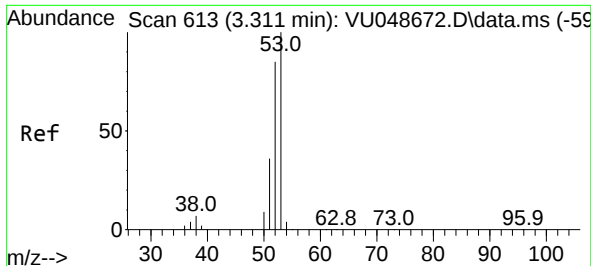
Tgt Ion: 56 Resp: 20412
Ion Ratio Lower Upper
56 100
55 68.2 57.7 86.5



#14
Allyl chloride
Concen: 12.192 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 41 Resp: 37966
Ion Ratio Lower Upper
41 100
39 75.6 48.6 72.8#
76 41.7 27.0 40.4#

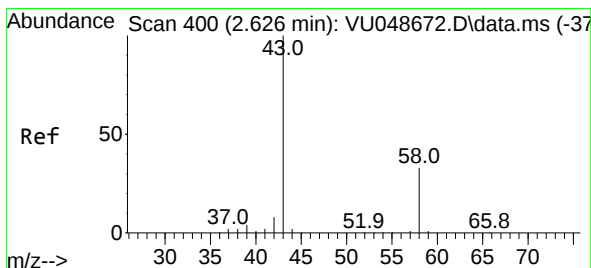
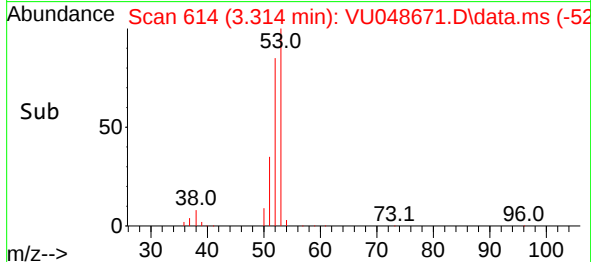
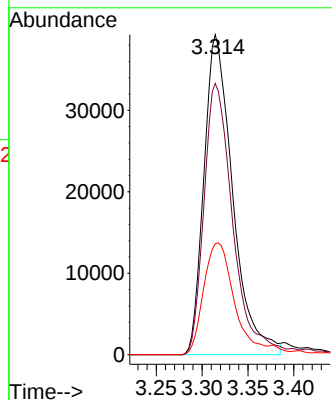
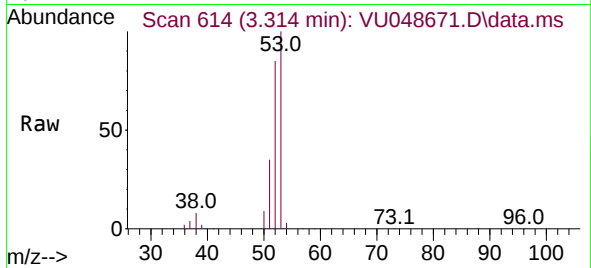




#15
Acrylonitrile
Concen: 65.706 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

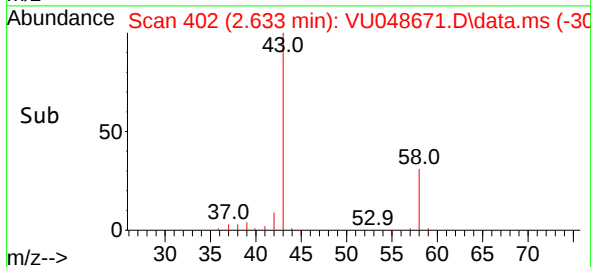
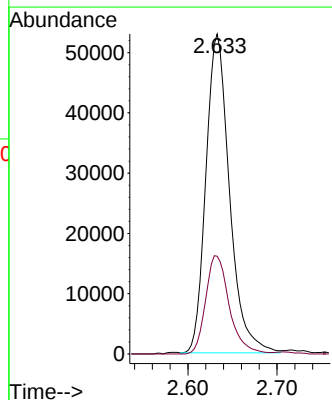
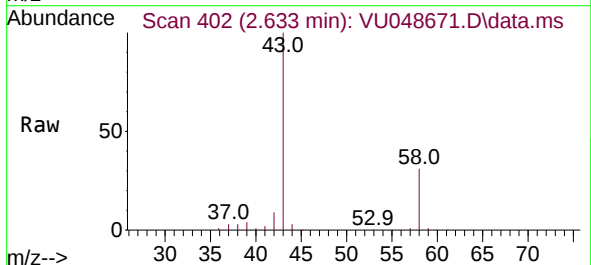
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

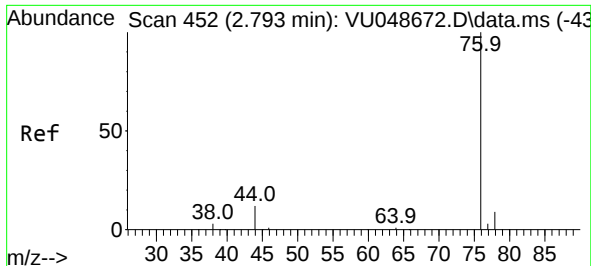
Tgt Ion: 53 Resp: 85707
Ion Ratio Lower Upper
53 100
52 84.6 66.3 99.5
51 37.0 28.6 42.8



#16
Acetone
Concen: 80.610 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.007 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 43 Resp: 97454
Ion Ratio Lower Upper
43 100
58 30.7 26.3 39.5

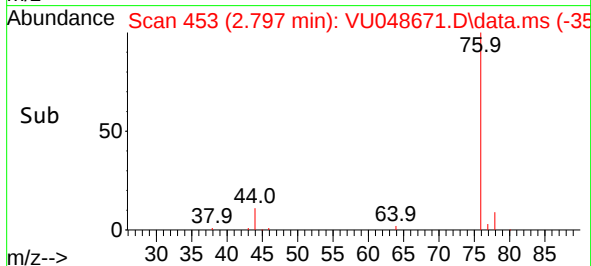
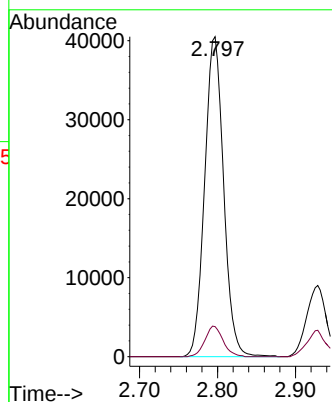
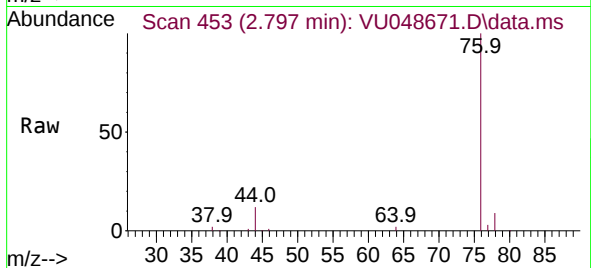




#17
Carbon Disulfide
Concen: 14.571 ug/l
RT: 2.797 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

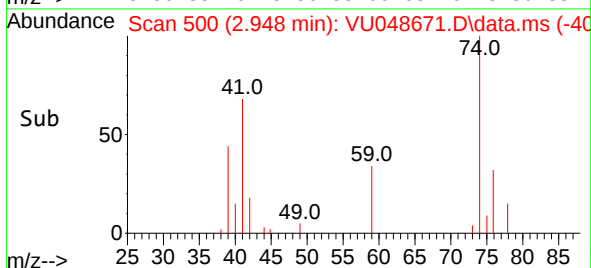
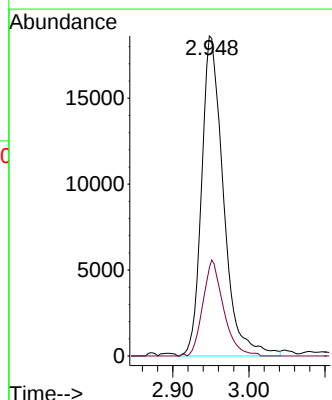
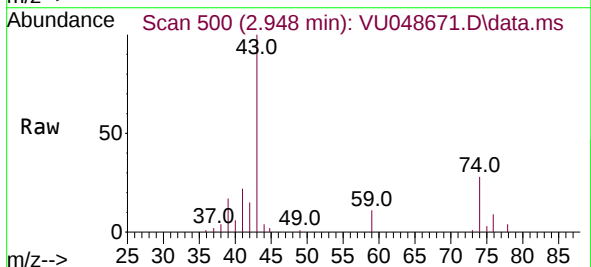
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 68386
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 12.239 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 43 Resp: 37149
Ion Ratio Lower Upper
43 100
74 28.3 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 17.194 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

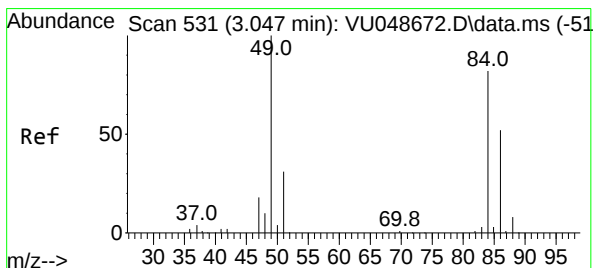
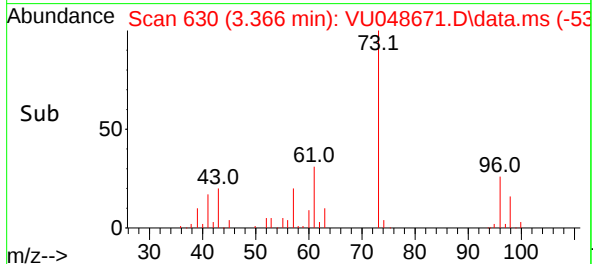
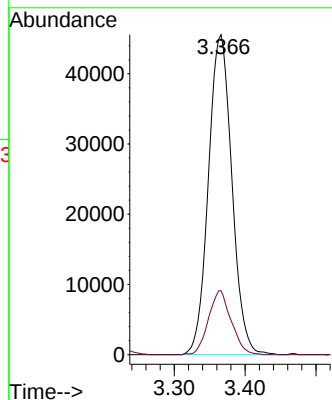
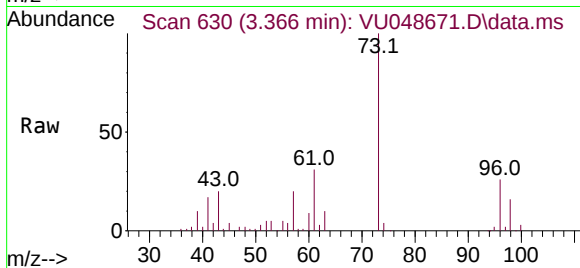
VSTDIC020

Tgt Ion: 73 Resp: 104888

Ion Ratio Lower Upper

73 100

57 20.0 17.1 25.7



#20

Methylene Chloride

Concen: 15.341 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Tgt Ion: 84 Resp: 31538

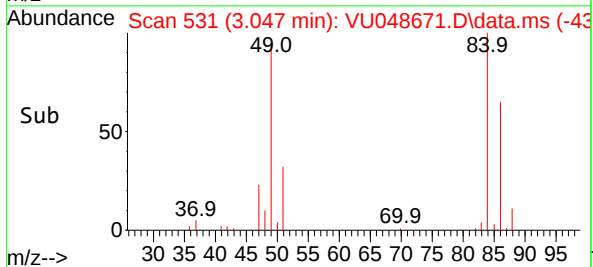
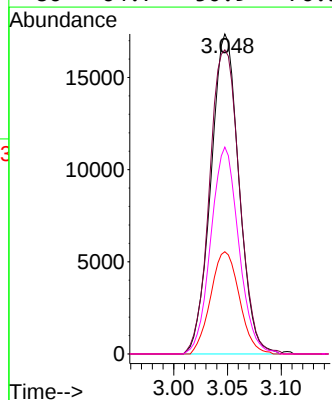
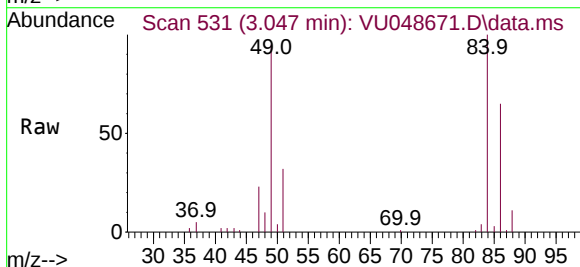
Ion Ratio Lower Upper

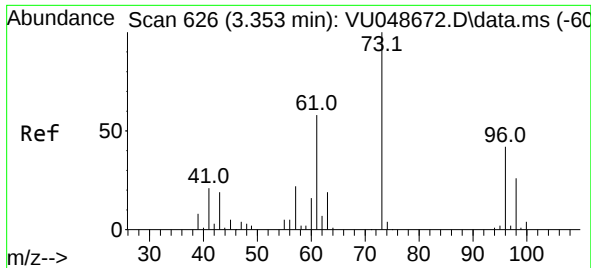
84 100

49 95.1 97.0 145.4#

51 31.9 29.8 44.8

86 64.7 50.9 76.3

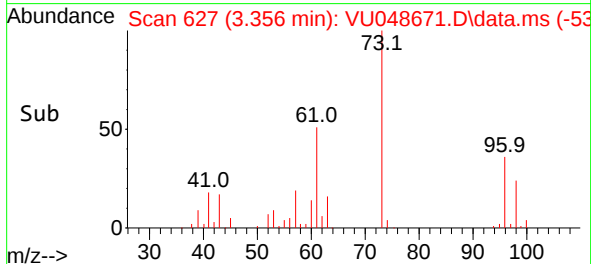
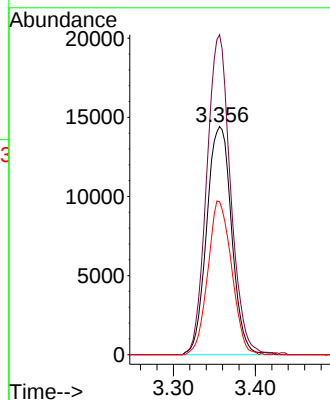
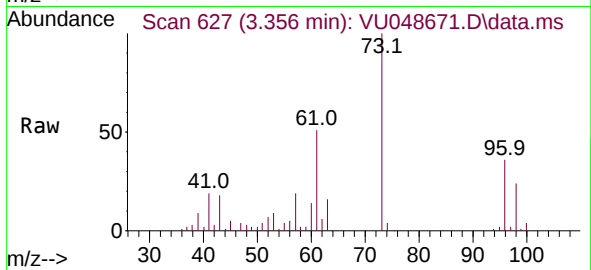




#21
trans-1,2-Dichloroethene
Concen: 16.542 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

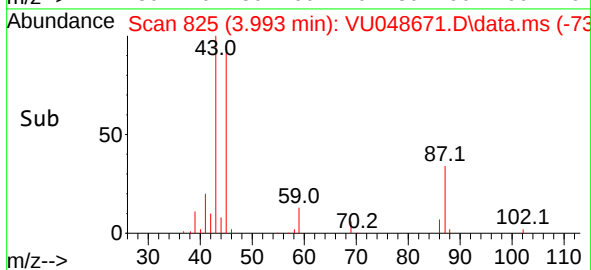
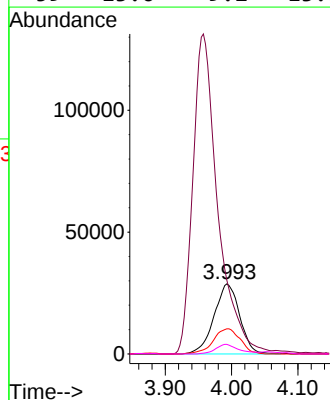
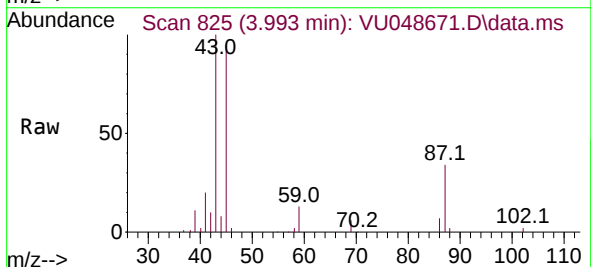
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

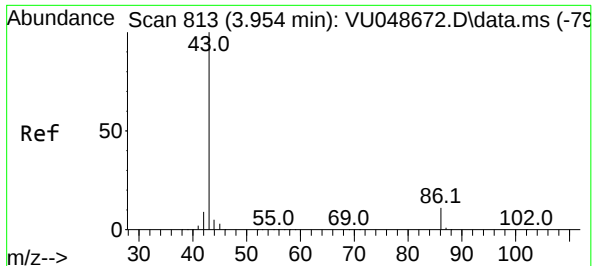
Tgt Ion: 96 Resp: 30421
Ion Ratio Lower Upper
96 100
61 140.2 109.4 164.2
98 67.1 48.9 73.3



#22
Diisopropyl ether
Concen: 13.433 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 45 Resp: 77161
Ion Ratio Lower Upper
45 100
43 101.4 65.2 97.8#
87 35.9 22.7 34.1#
59 13.6 9.2 13.8

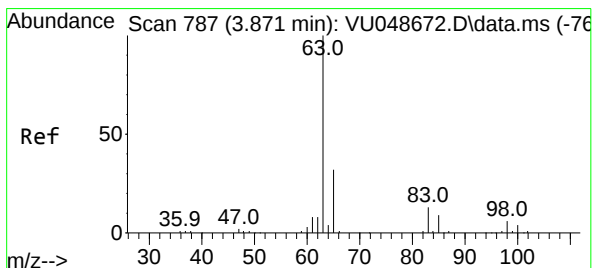
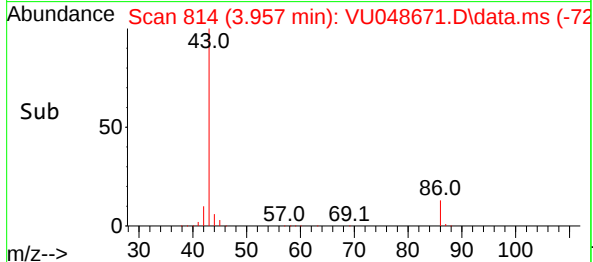
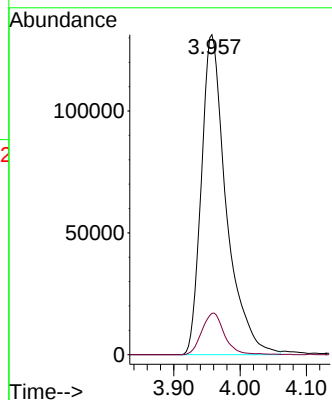
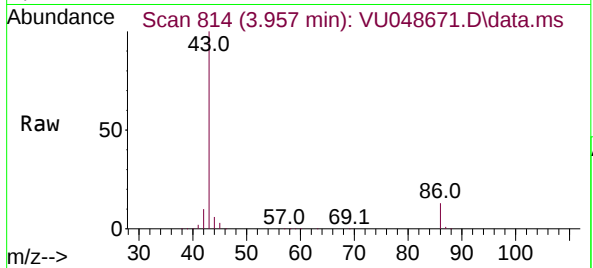




#23
 Vinyl Acetate
 Concen: 68.935 ug/l
 RT: 3.957 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

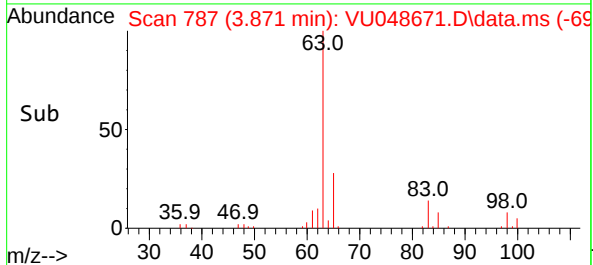
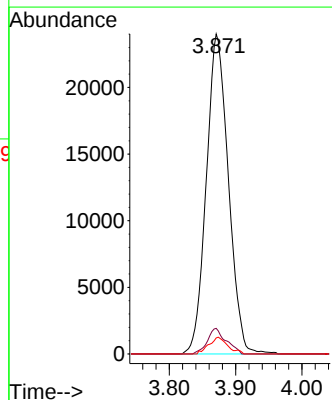
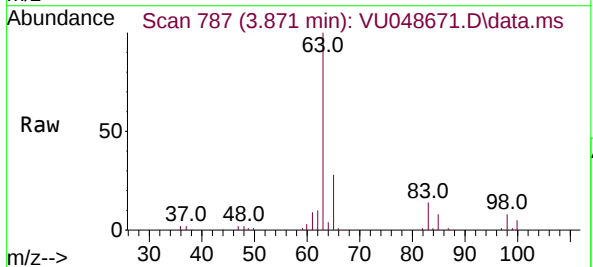
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

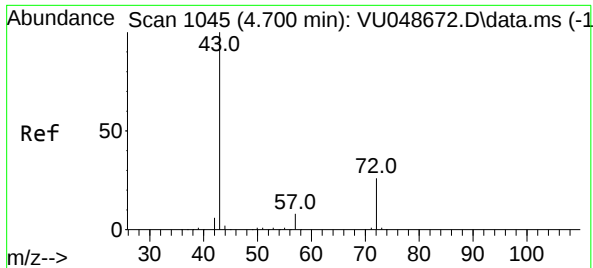
Tgt Ion: 43 Resp: 343063
 Ion Ratio Lower Upper
 43 100
 86 12.9 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 15.415 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion: 63 Resp: 55610
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.3
 100 5.0 2.0 5.8





#25

2-Butanone

Concen: 68.934 ug/l

RT: 4.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

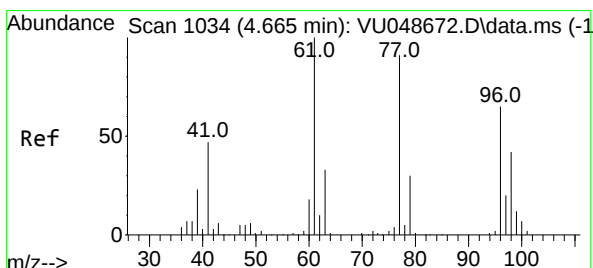
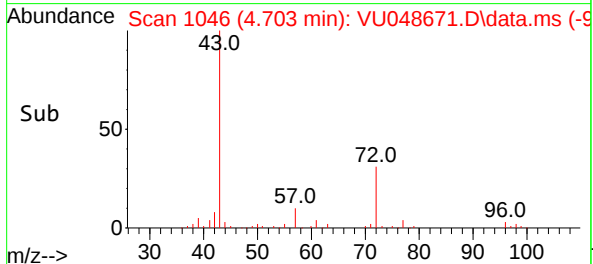
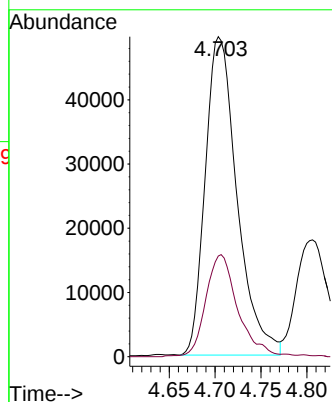
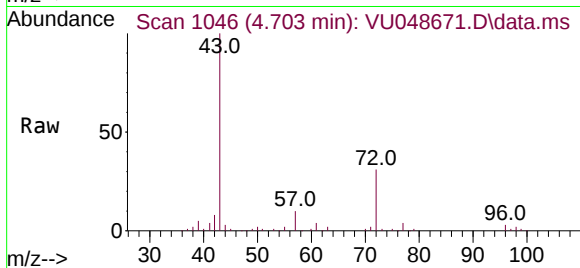
VSTDIC020

Tgt Ion: 43 Resp: 119723

Ion Ratio Lower Upper

43 100

72 31.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 18.594 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048671.D

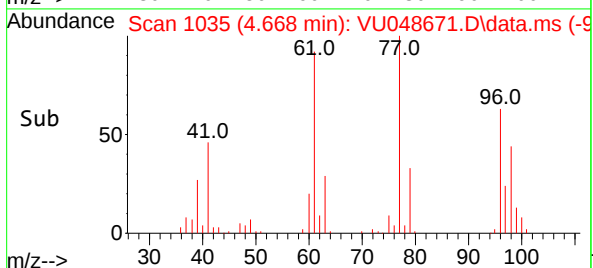
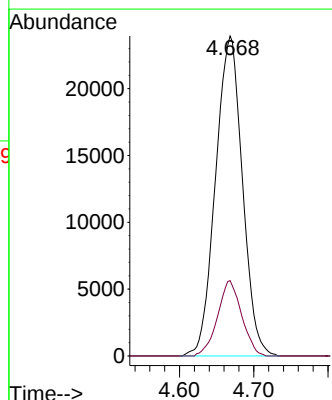
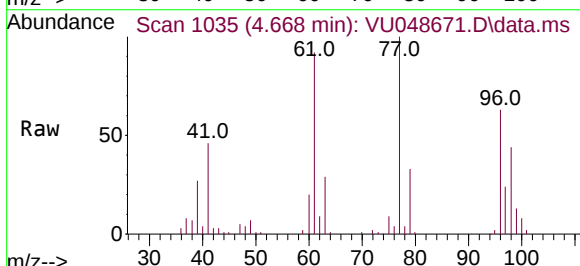
Acq: 26 May 2022 10:43

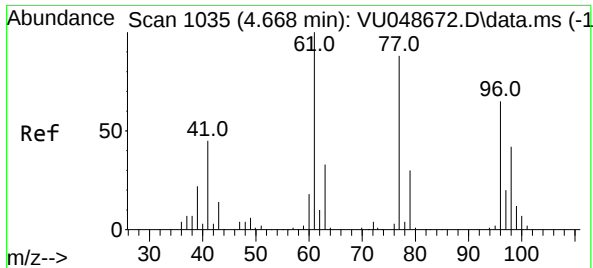
Tgt Ion: 77 Resp: 60179

Ion Ratio Lower Upper

77 100

97 21.1 11.1 33.1

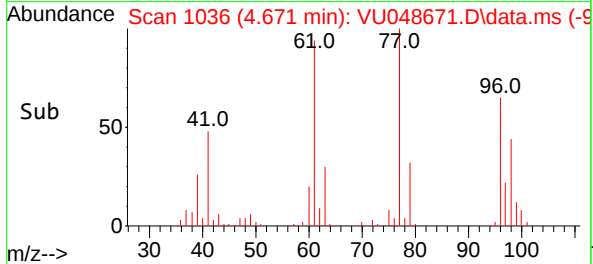
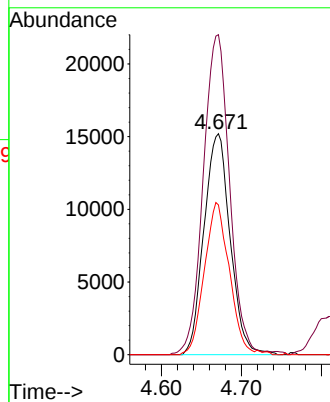
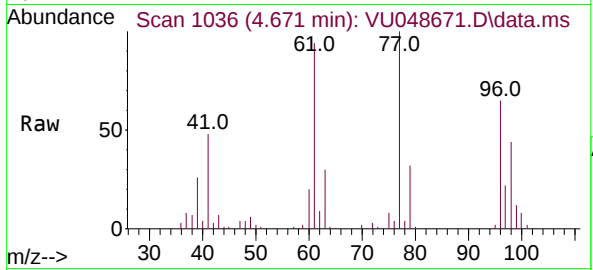




#27
 cis-1,2-Dichloroethene
 Concen: 16.286 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

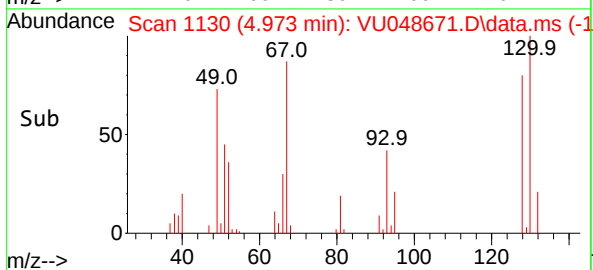
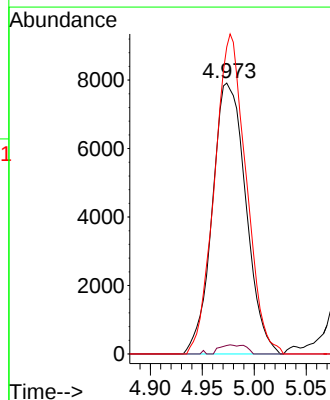
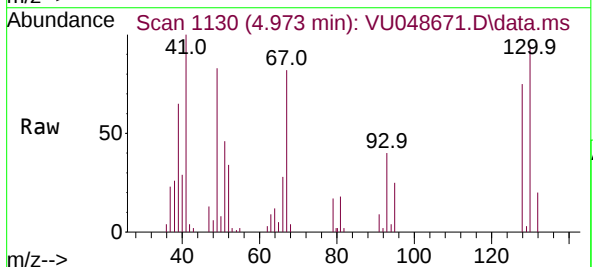
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 34667
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 306.2
 98 65.1 0.0 130.4



#28
 Bromochloromethane
 Concen: 12.561 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion: 49 Resp: 17774
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.0
 130 111.2 62.1 93.1#





#29

Tetrahydrofuran

Concen: 59.812 ug/l

RT: 5.054 min Scan# 1154

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

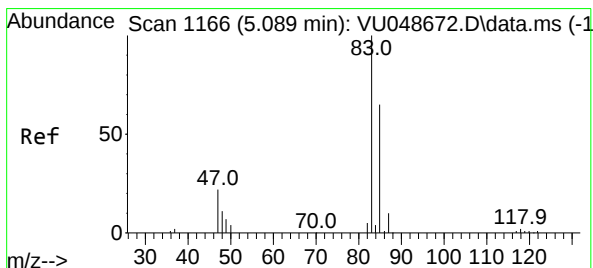
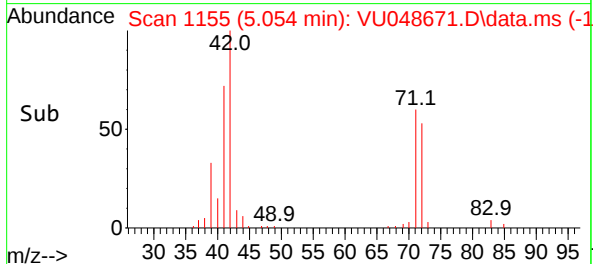
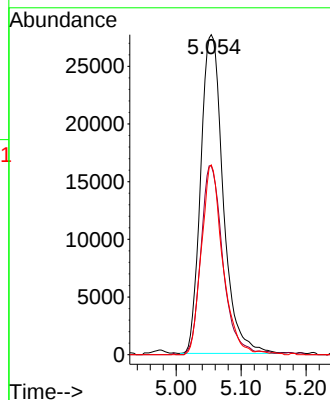
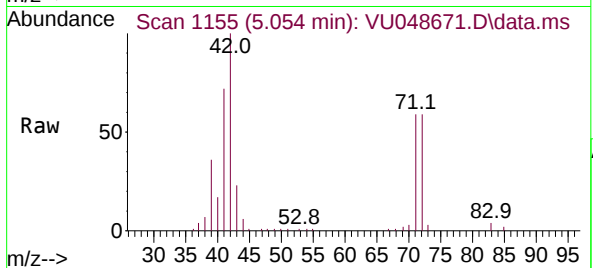
Tgt Ion: 42 Resp: 66495

Ion Ratio Lower Upper

42 100

72 58.4 37.6 56.4#

71 56.3 35.0 52.4#



#30

Chloroform

Concen: 18.812 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048671.D

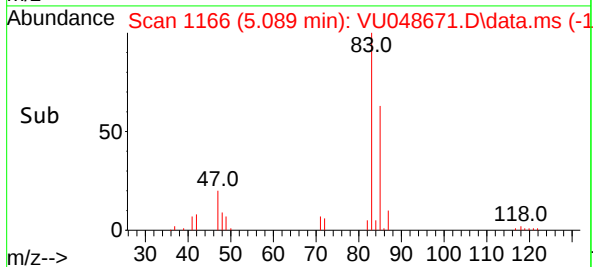
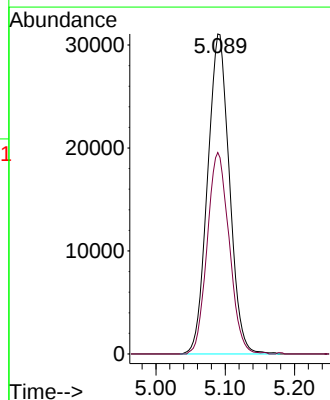
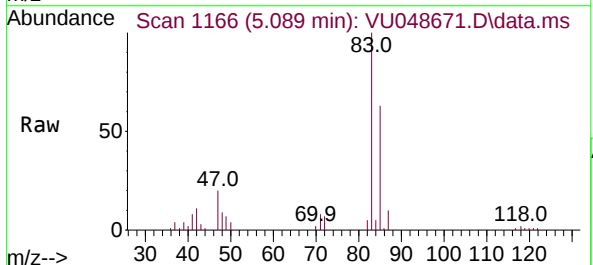
Acq: 26 May 2022 10:43

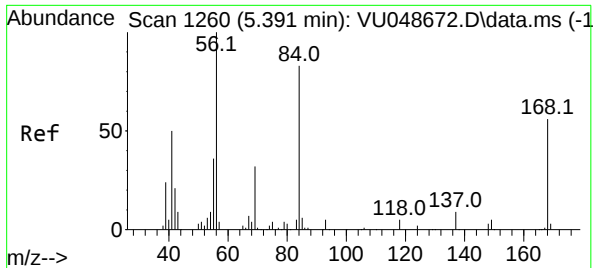
Tgt Ion: 83 Resp: 67905

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.2

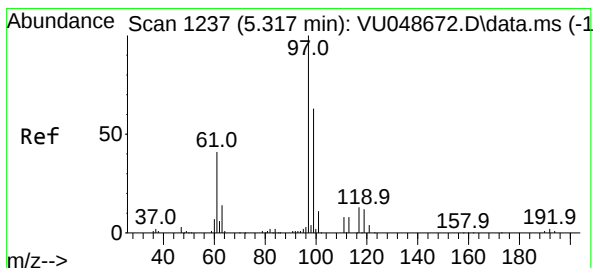
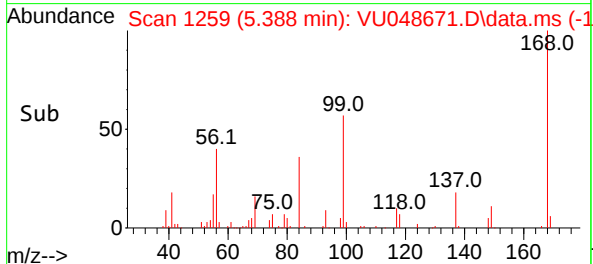
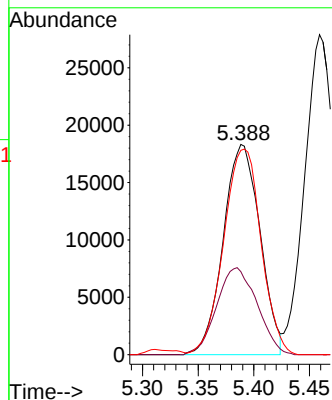
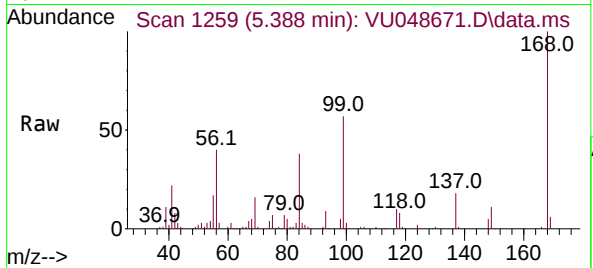




#31
Cyclohexane
Concen: 14.097 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

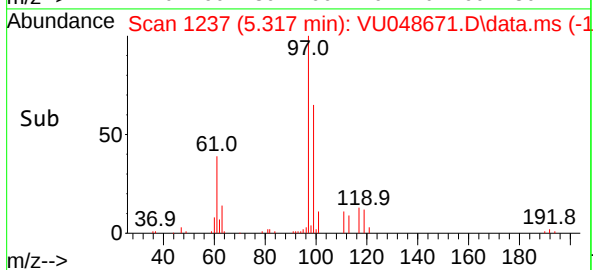
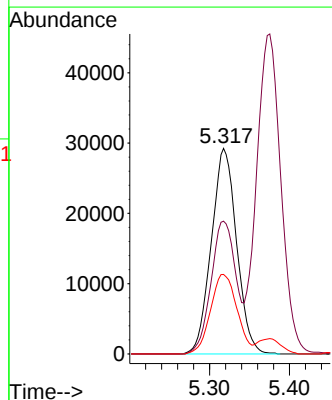
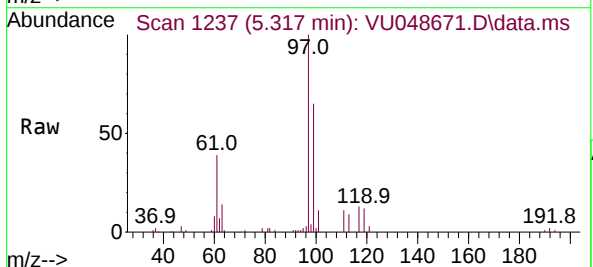
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

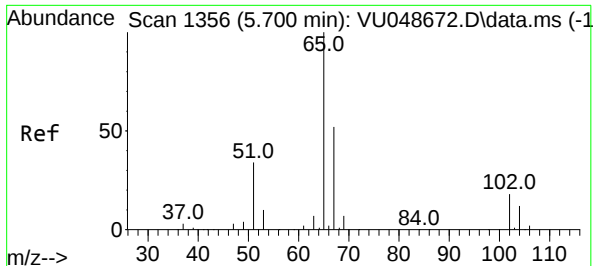
Tgt Ion: 56 Resp: 42144
Ion Ratio Lower Upper
56 100
69 39.5 25.6 38.4#
84 95.5 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 19.617 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 97 Resp: 64240
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 40.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 17.463 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

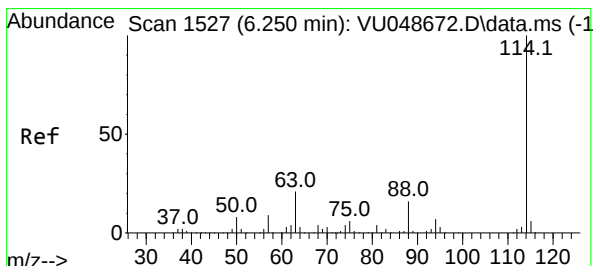
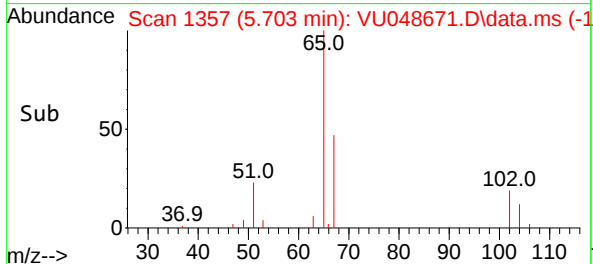
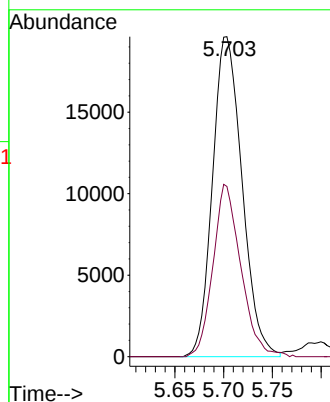
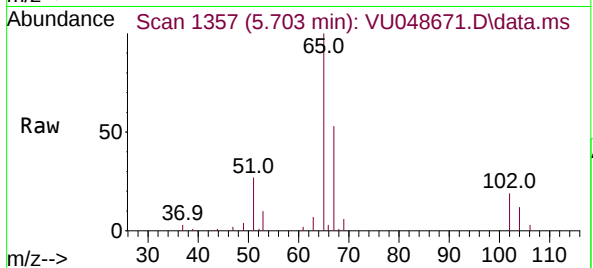
VSTDIC020

Tgt Ion: 65 Resp: 41427

Ion Ratio Lower Upper

65 100

67 50.7 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: VU048671.D

Acq: 26 May 2022 10:43

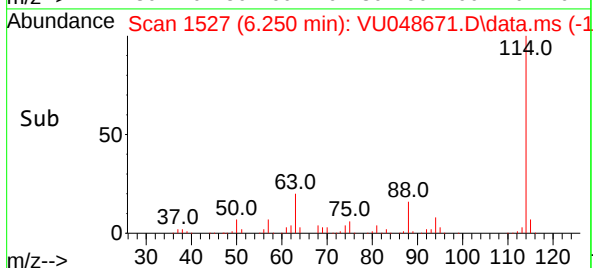
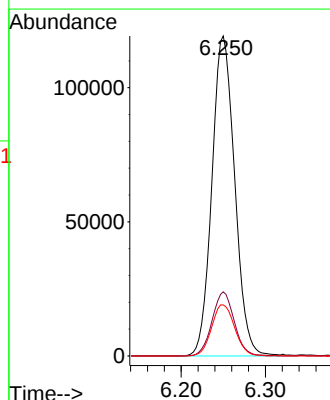
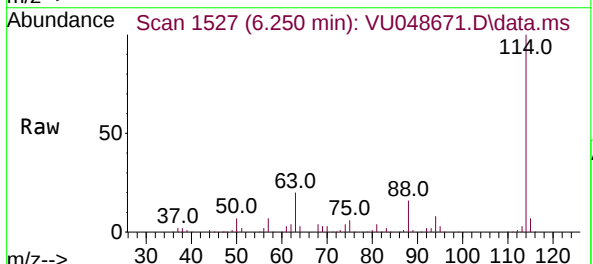
Tgt Ion: 114 Resp: 224129

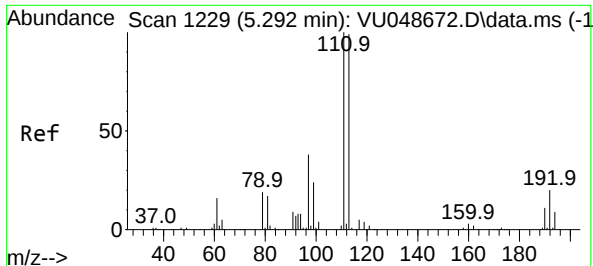
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 20.061 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

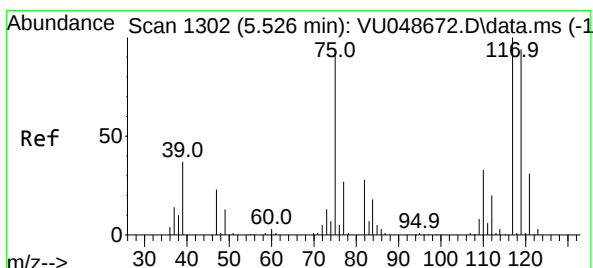
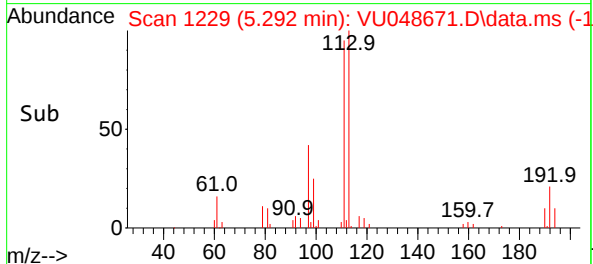
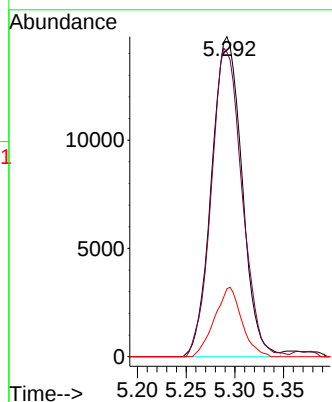
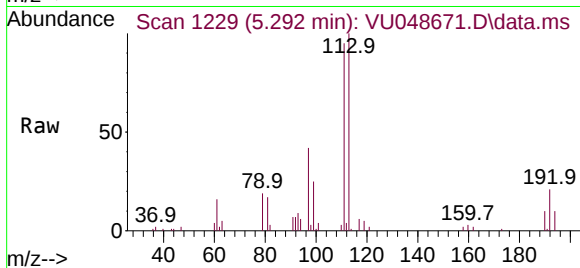
Tgt Ion:113 Resp: 32077

Ion Ratio Lower Upper

113 100

111 97.0 80.7 121.1

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.989 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

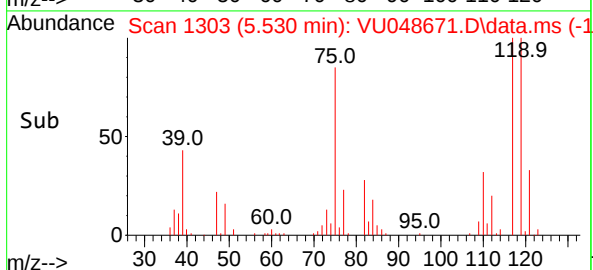
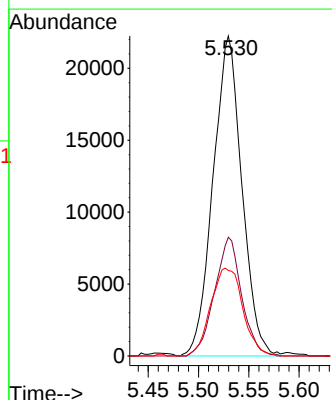
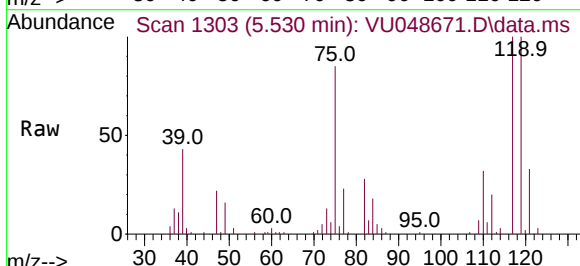
Tgt Ion: 75 Resp: 44315

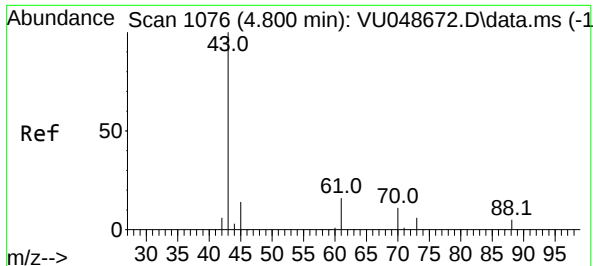
Ion Ratio Lower Upper

75 100

110 34.8 17.4 52.3

77 30.5 24.8 37.2





#37

Ethyl Acetate

Concen: 14.293 ug/l

RT: 4.806 min Scan# 1076

Delta R.T. 0.007 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

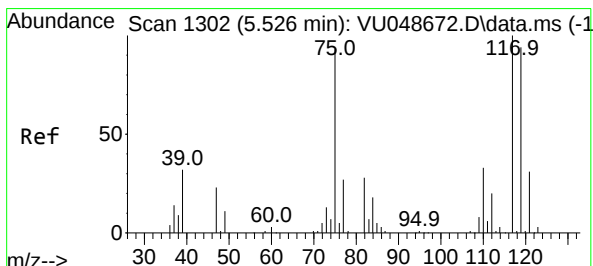
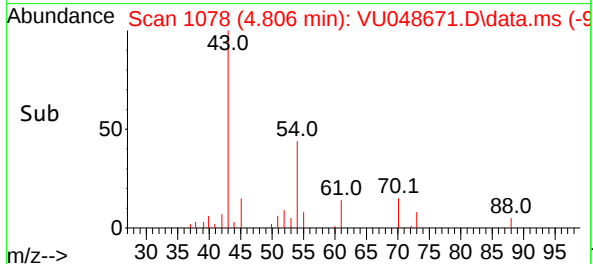
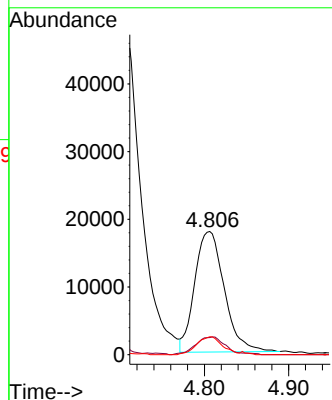
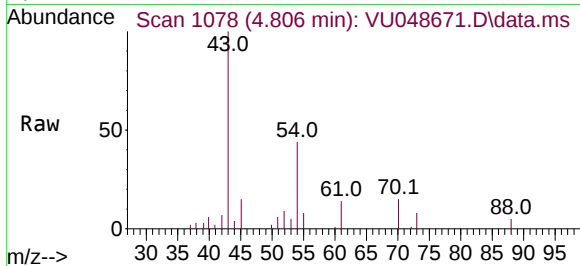
Tgt Ion: 43 Resp: 43483

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 12.9 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 22.792 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

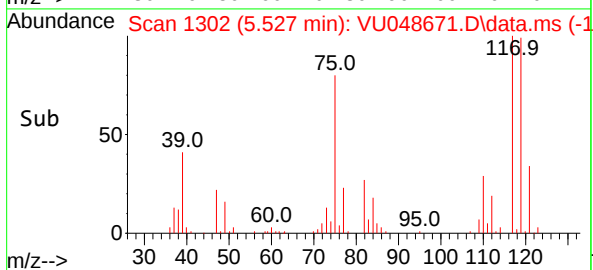
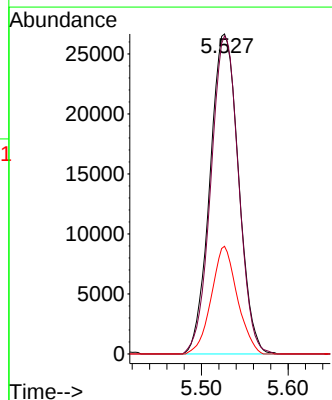
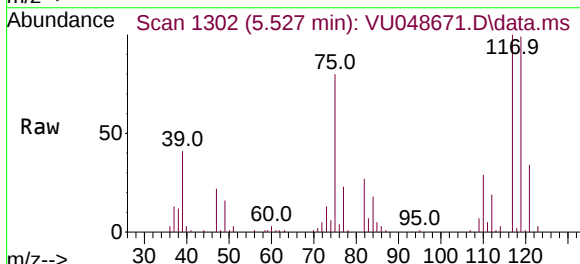
Tgt Ion: 117 Resp: 61021

Ion Ratio Lower Upper

117 100

119 99.4 75.4 113.2

121 33.6 24.6 36.8





#39

Methylcyclohexane

Concen: 18.192 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

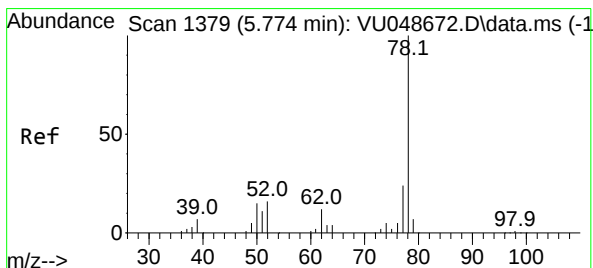
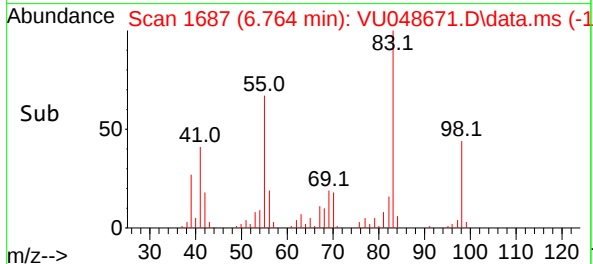
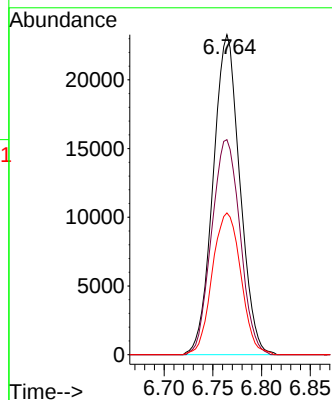
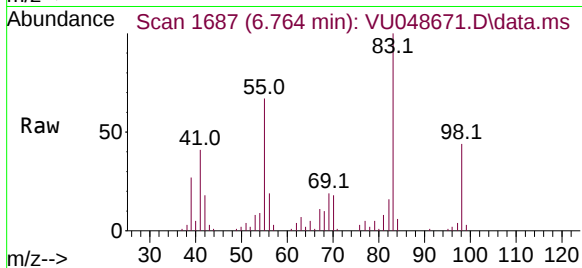
Tgt Ion: 83 Resp: 44514

Ion Ratio Lower Upper

83 100

55 67.2 61.0 91.6

98 44.3 36.8 55.2



#40

Benzene

Concen: 17.412 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048671.D

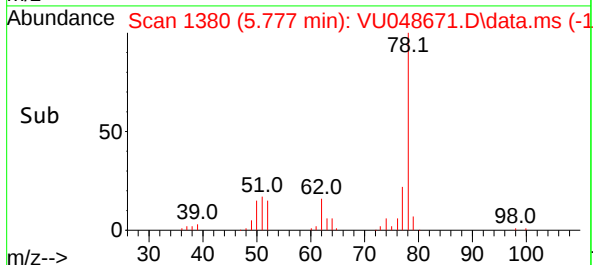
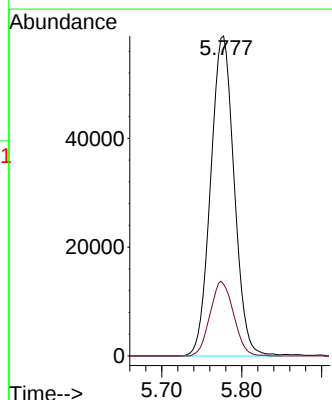
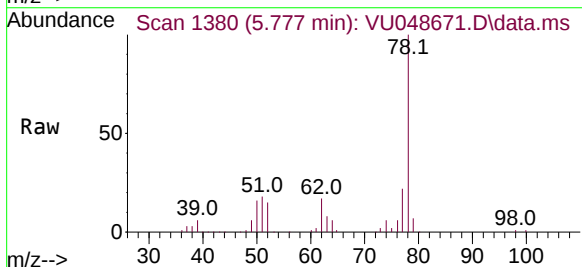
Acq: 26 May 2022 10:43

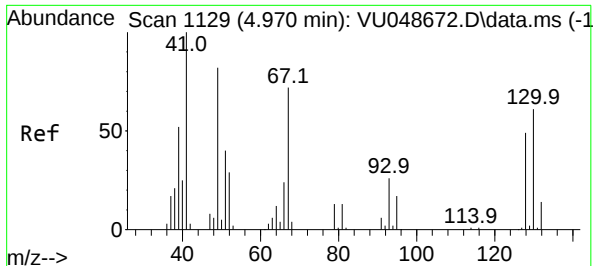
Tgt Ion: 78 Resp: 119967

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6



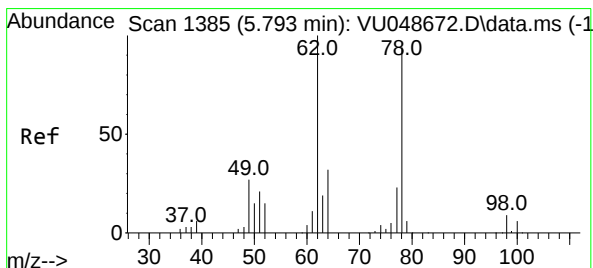
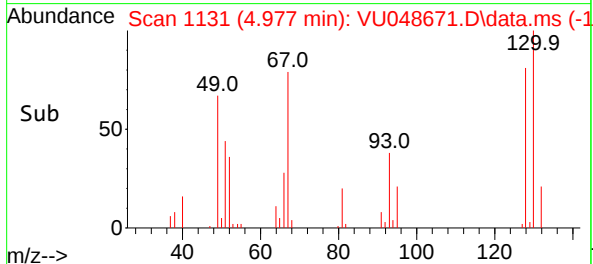
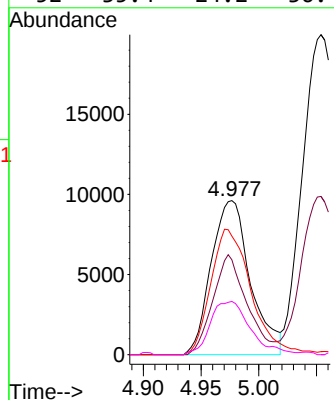
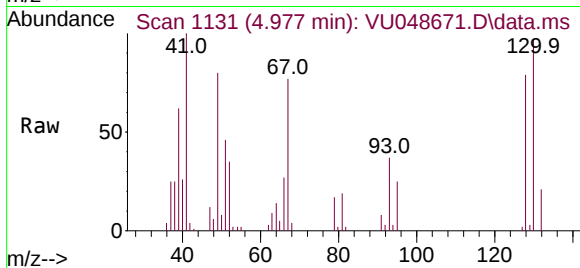


#41
Methacrylonitrile
Concen: 15.228 ug/l
RT: 4.977 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 22702

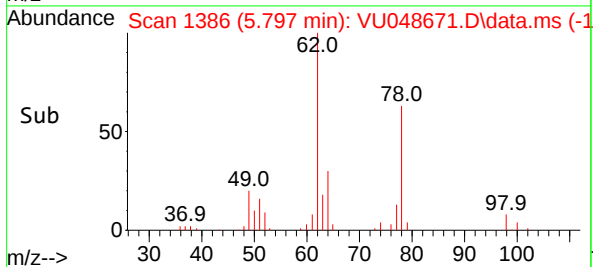
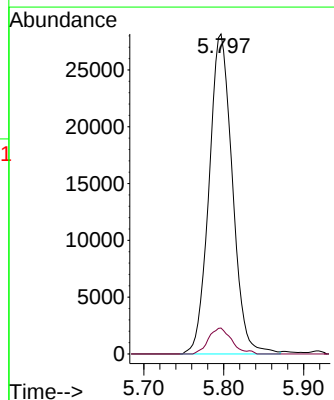
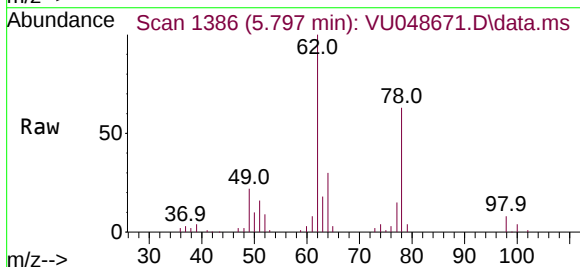
Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.6	64.0
67	83.8	61.0	91.4
52	35.4	24.2	36.4

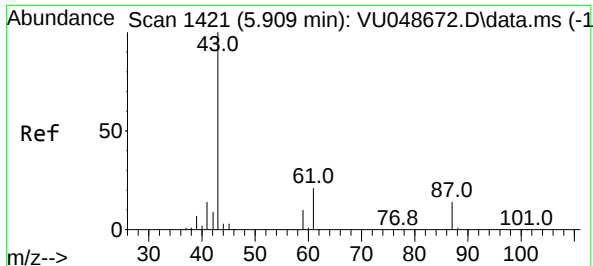


#42
1,2-Dichloroethane
Concen: 21.150 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 62 Resp: 57042

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 15.085 ug/l

RT: 5.912 min Scan# 1421

Delta R.T. 0.003 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

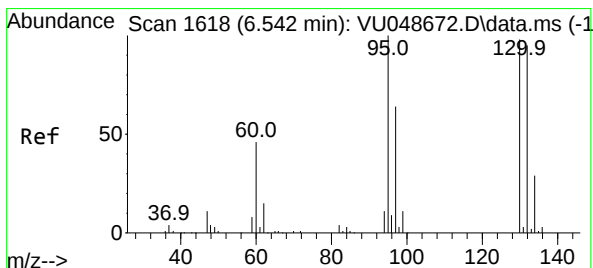
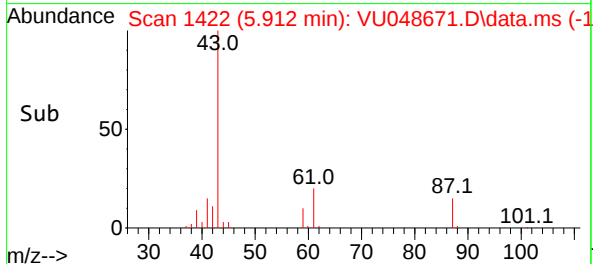
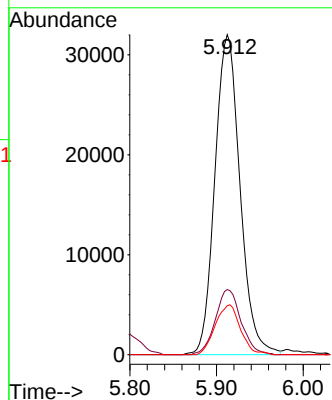
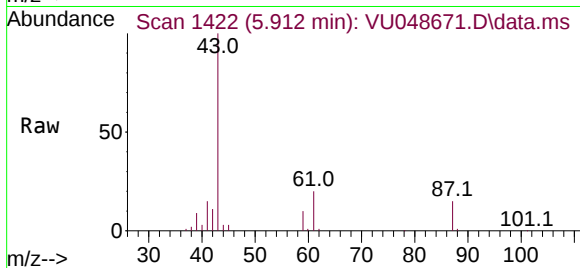
Tgt Ion: 43 Resp: 64593

Ion Ratio Lower Upper

43 100

61 20.7 16.7 25.1

87 15.7 10.9 16.3



#44

Trichloroethene

Concen: 20.248 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048671.D

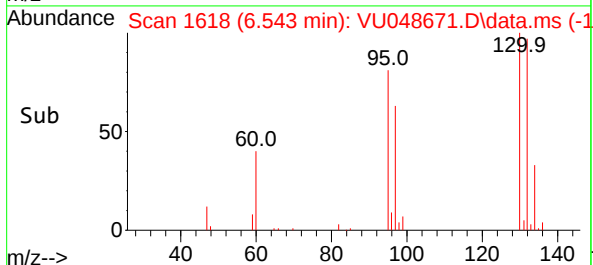
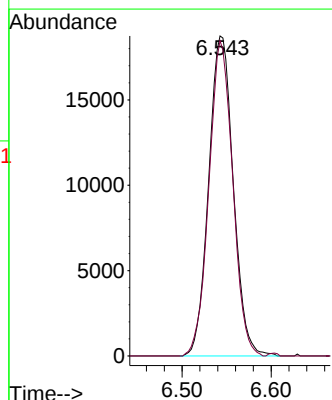
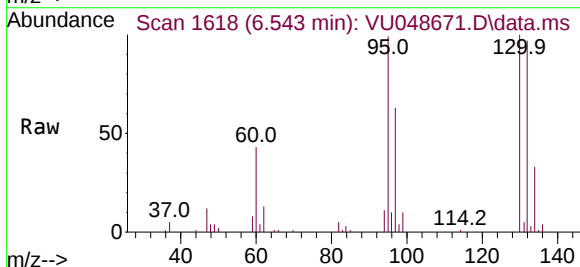
Acq: 26 May 2022 10:43

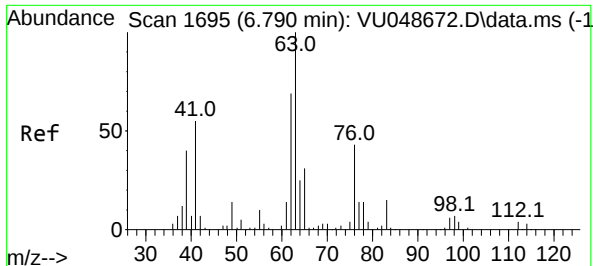
Tgt Ion:130 Resp: 35941

Ion Ratio Lower Upper

130 100

95 98.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 16.680 ug/l

RT: 6.797 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

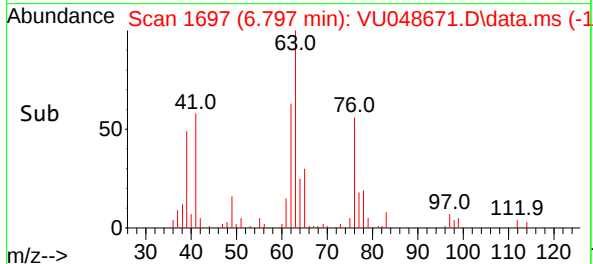
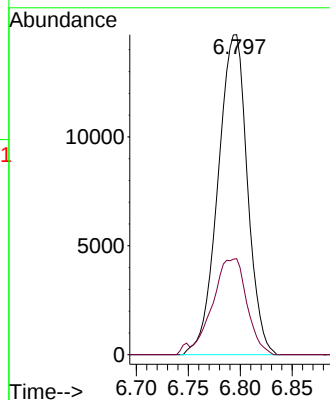
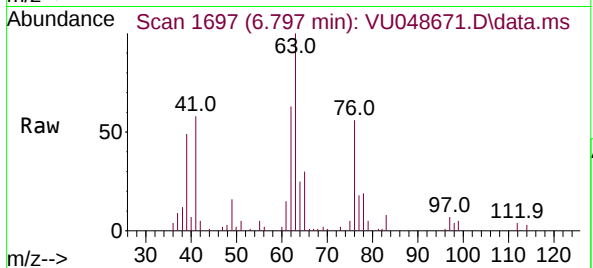
VSTDIC020

Tgt Ion: 63 Resp: 28932

Ion Ratio Lower Upper

63 100

65 30.0 24.8 37.2



#46

Dibromomethane

Concen: 19.187 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

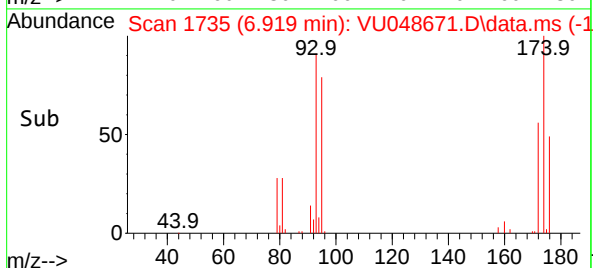
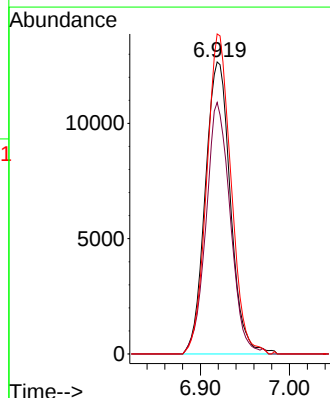
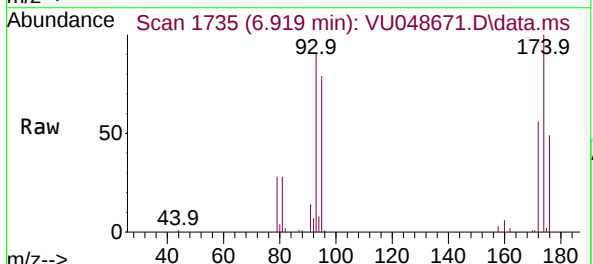
Tgt Ion: 93 Resp: 24864

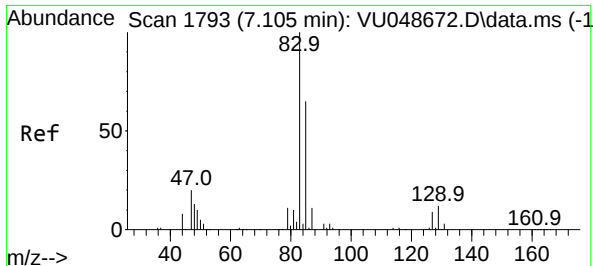
Ion Ratio Lower Upper

93 100

95 82.7 65.1 97.7

174 105.8 77.8 116.6

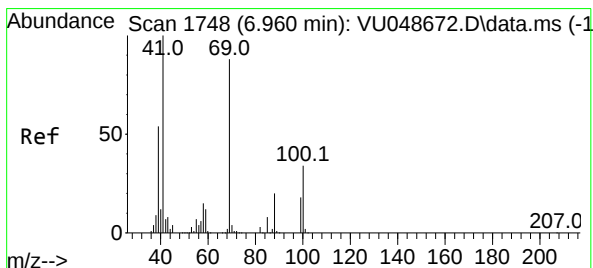
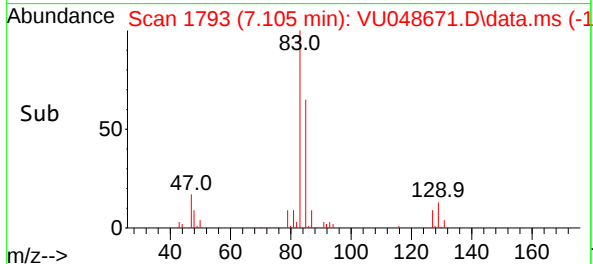
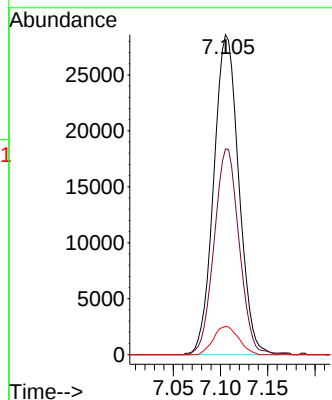
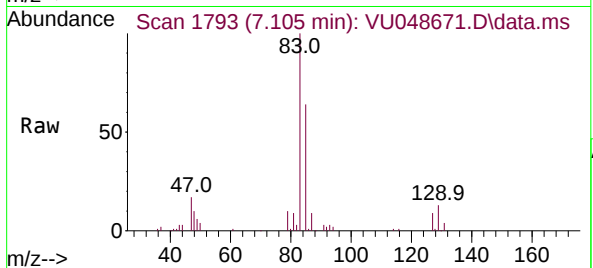




#47
Bromodichloromethane
Concen: 20.130 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

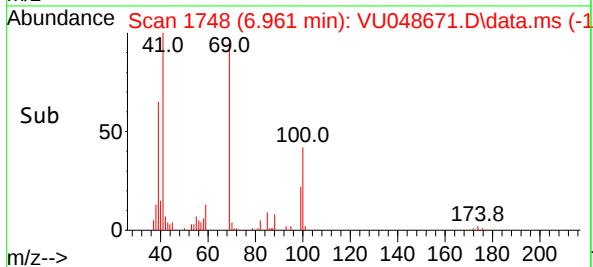
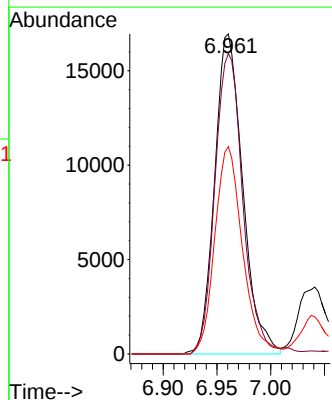
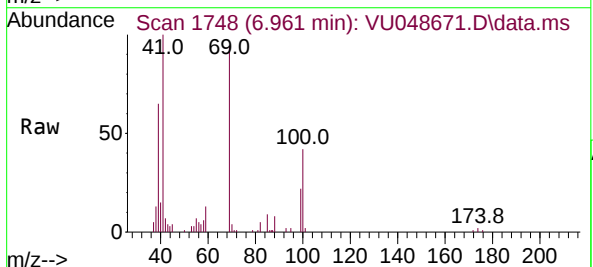
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 52753
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 15.989 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 41 Resp: 30735
Ion Ratio Lower Upper
41 100
69 93.2 70.7 106.1
39 64.2 43.4 65.2





#49

1,4-Dioxane

Concen: 370.480 ug/l

RT: 6.983 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

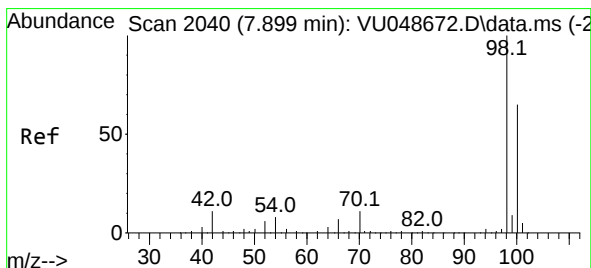
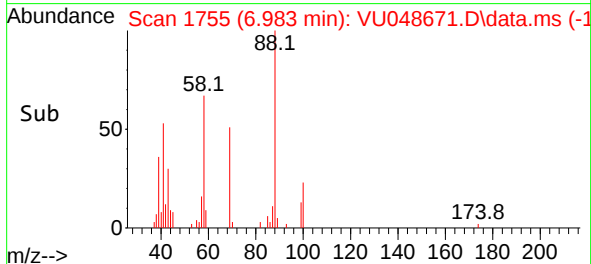
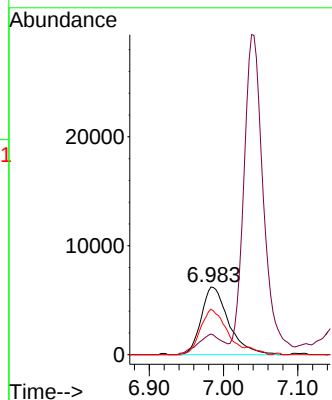
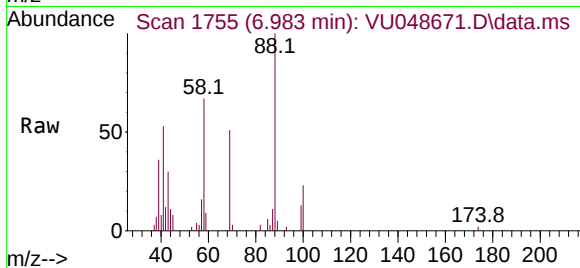
Tgt Ion: 88 Resp: 15920

Ion Ratio Lower Upper

88 100

43 27.1 24.6 36.8

58 63.9 54.7 82.1



#50

Toluene-d8

Concen: 18.035 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048671.D

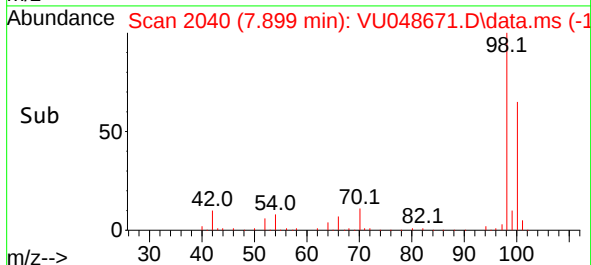
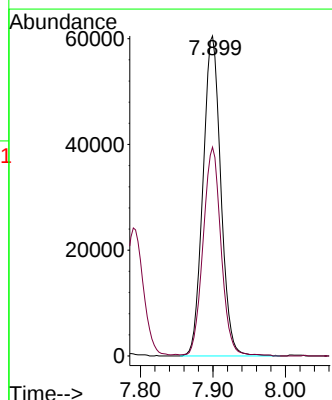
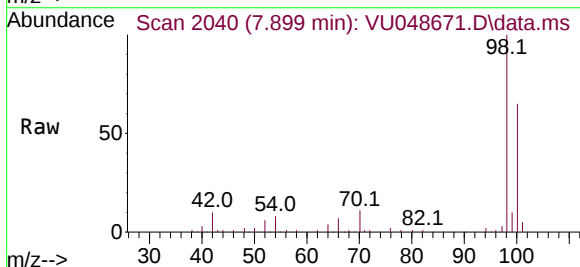
Acq: 26 May 2022 10:43

Tgt Ion: 98 Resp: 103373

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4

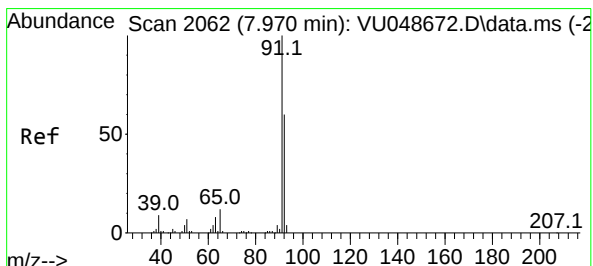
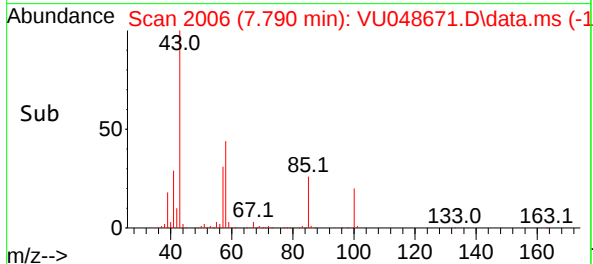
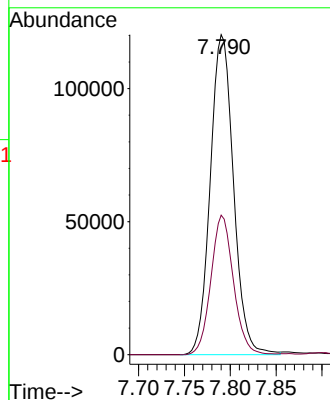
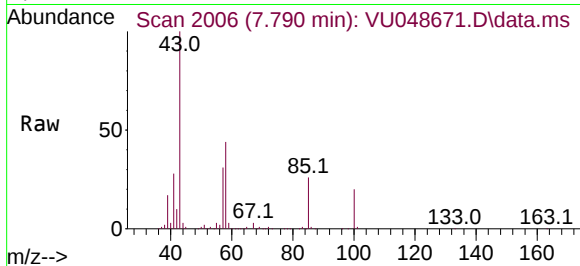




#51
4-Methyl-2-Pentanone
Concen: 76.371 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

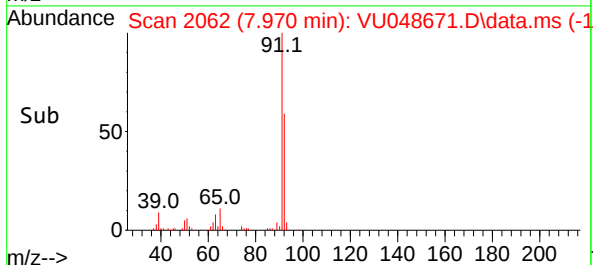
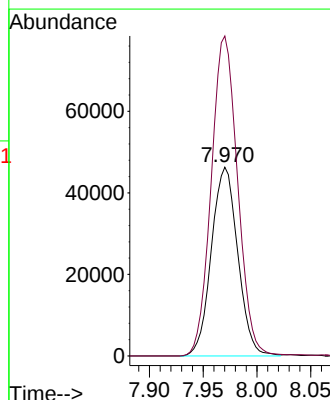
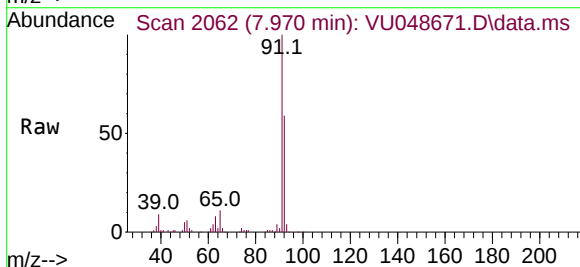
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

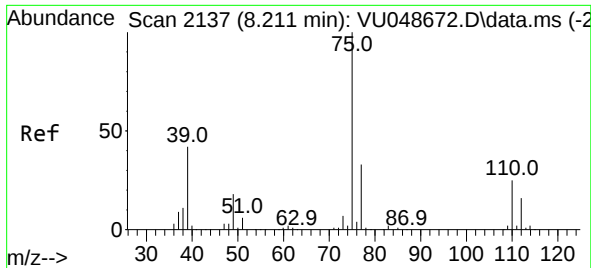
Tgt Ion: 43 Resp: 212342
Ion Ratio Lower Upper
43 100
58 42.2 32.7 49.1



#52
Toluene
Concen: 19.180 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 92 Resp: 79043
Ion Ratio Lower Upper
92 100
91 169.7 135.0 202.4

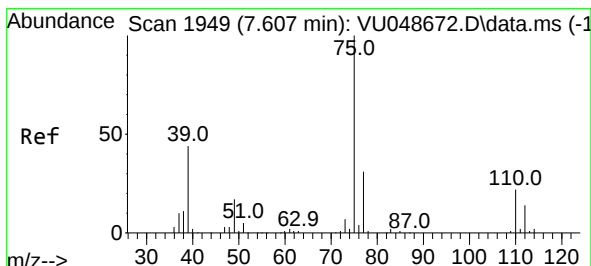
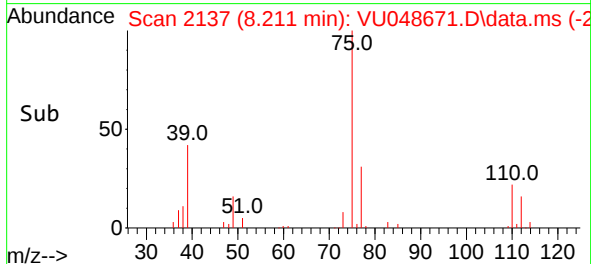
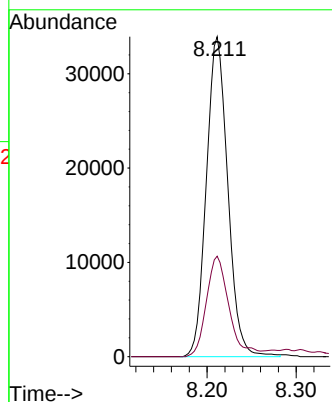
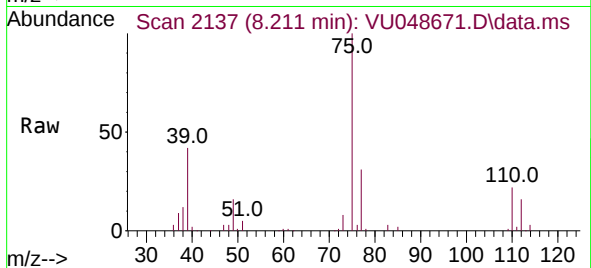




#53
 t-1,3-Dichloropropene
 Concen: 20.001 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

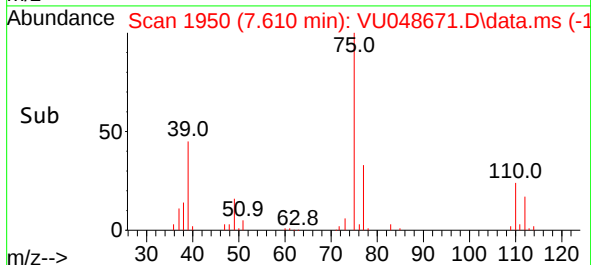
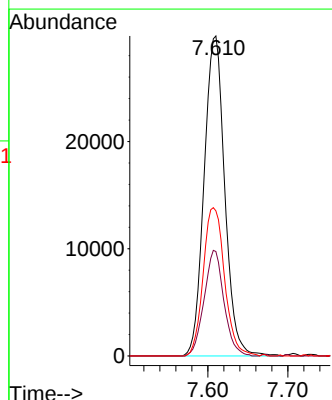
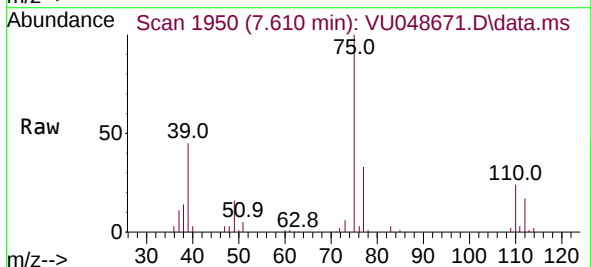
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

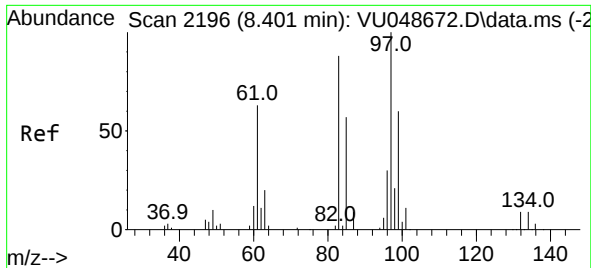
Tgt Ion: 75 Resp: 56540
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.323 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion: 75 Resp: 53675
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 45.4 35.2 52.8

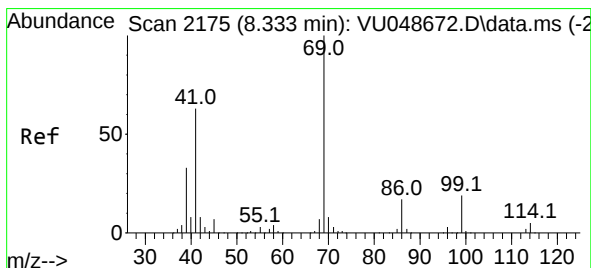
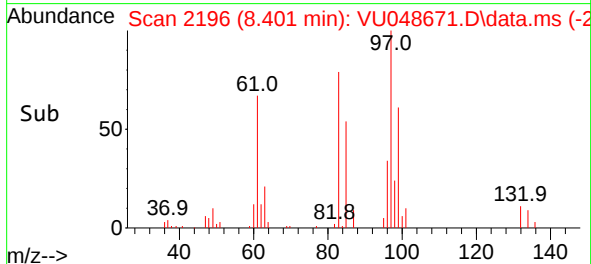
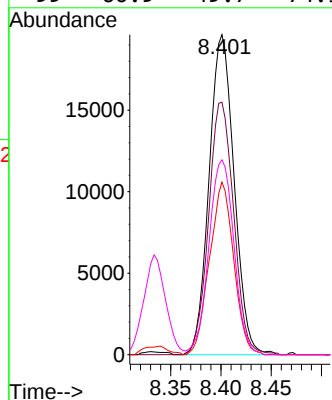
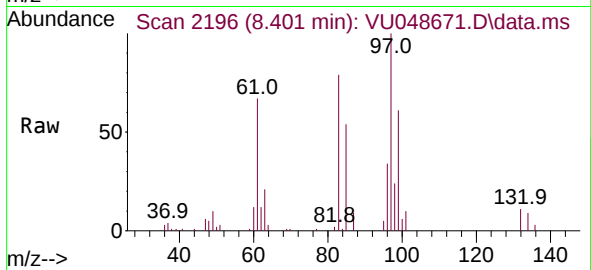




#55
1,1,2-Trichloroethane
Concen: 18.706 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

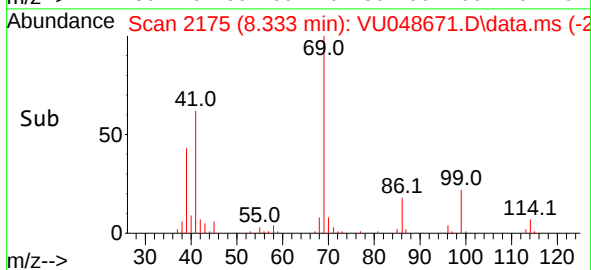
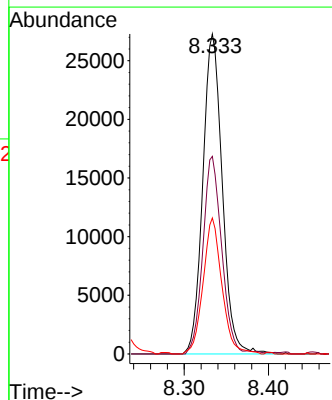
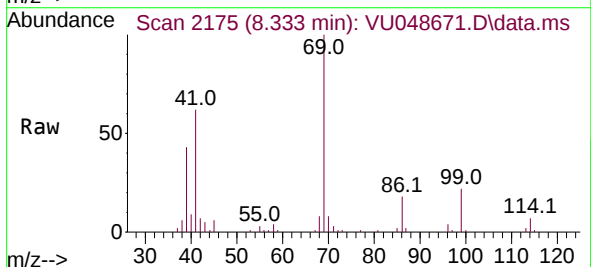
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

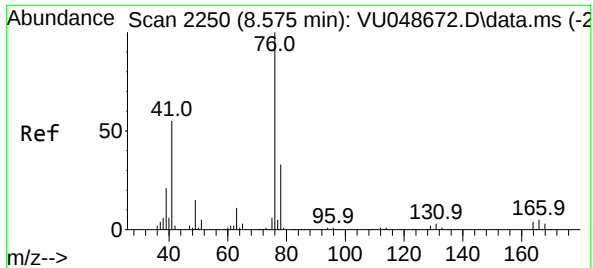
Tgt Ion:	97	Resp:	34023
Ion	Ratio	Lower	Upper
97	100		
83	78.9	70.2	105.4
85	53.9	45.6	68.4
99	60.9	49.7	74.5



#56
Ethyl methacrylate
Concen: 17.299 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:	69	Resp:	43916
Ion	Ratio	Lower	Upper
69	100		
41	59.6	50.6	76.0
39	40.9	26.6	40.0#





#57

1,3-Dichloropropane

Concen: 18.308 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

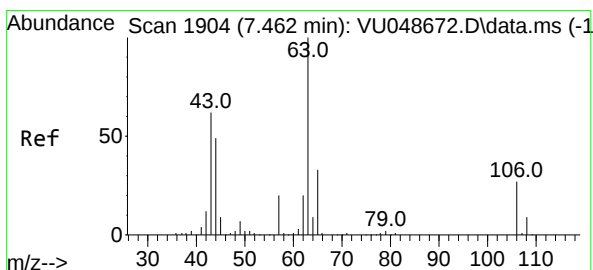
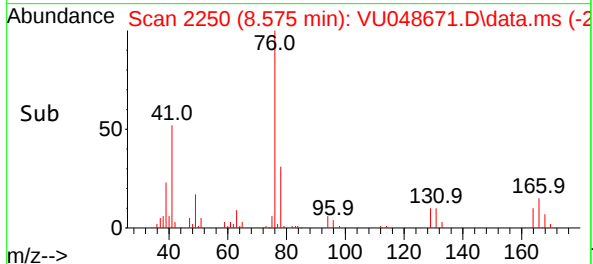
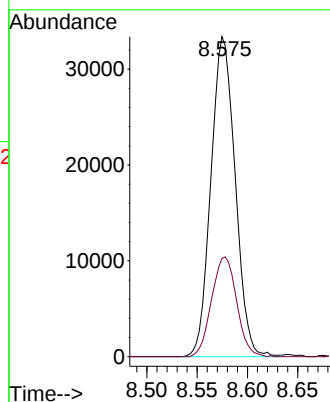
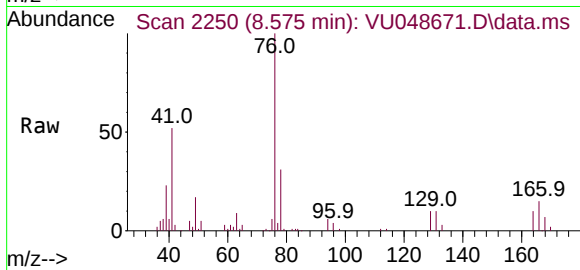
VSTDIC020

Tgt Ion: 76 Resp: 56043

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 72.461 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048671.D

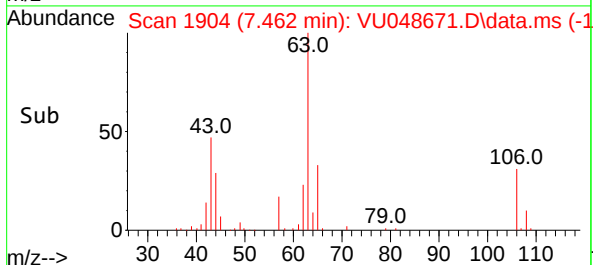
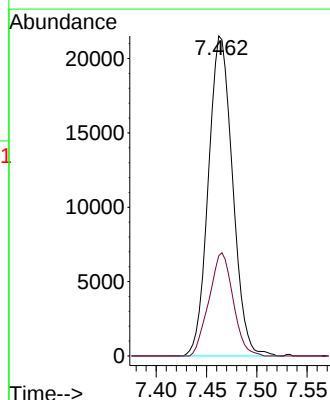
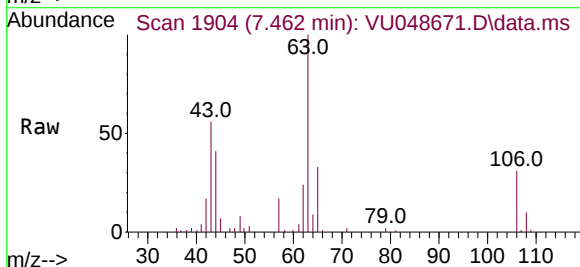
Acq: 26 May 2022 10:43

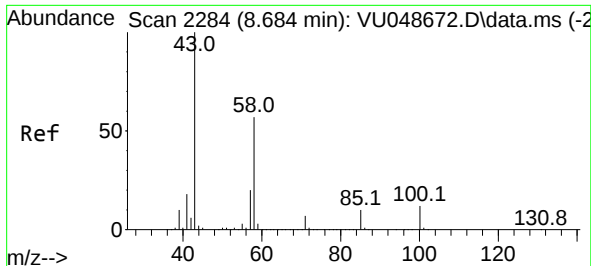
Tgt Ion: 63 Resp: 36001

Ion Ratio Lower Upper

63 100

106 32.1 22.2 33.2





#59

2-Hexanone

Concen: 75.574 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

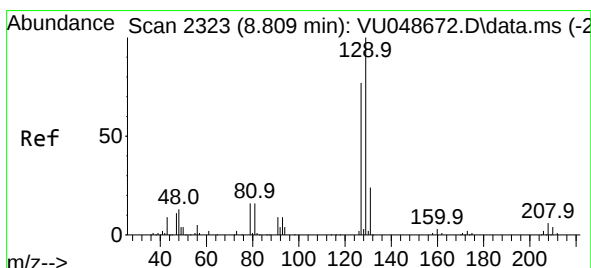
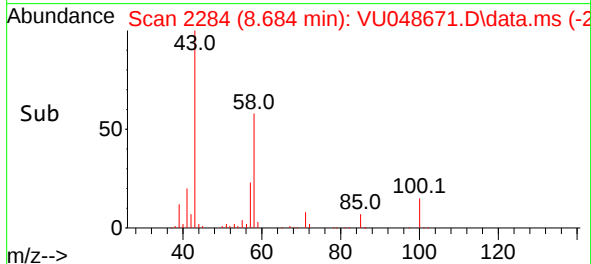
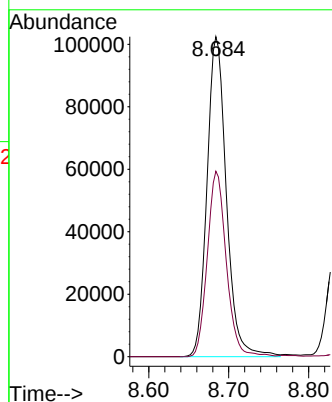
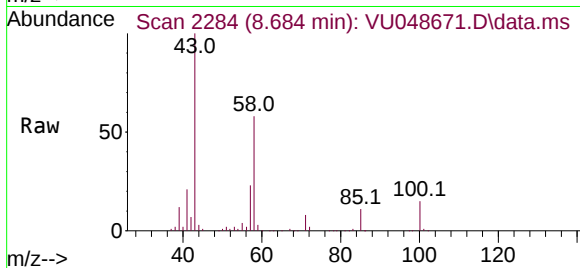
VSTDIC020

Tgt Ion: 43 Resp: 172507

Ion Ratio Lower Upper

43 100

58 56.9 28.2 84.6



#60

Dibromochloromethane

Concen: 21.174 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU048671.D

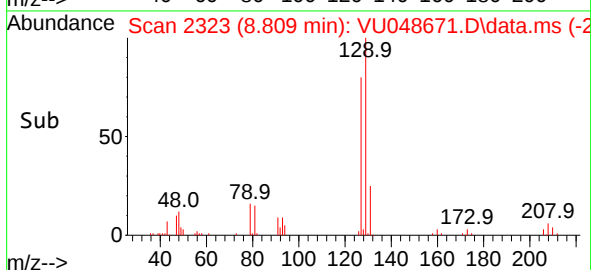
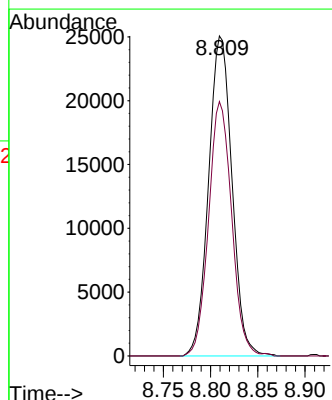
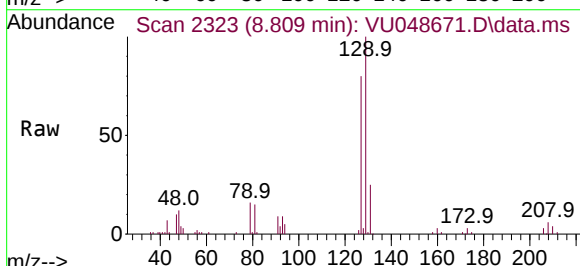
Acq: 26 May 2022 10:43

Tgt Ion: 129 Resp: 43170

Ion Ratio Lower Upper

129 100

127 78.1 38.5 115.3

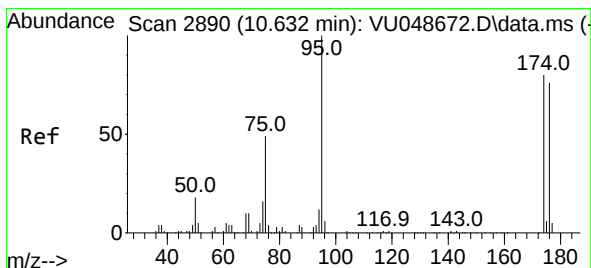
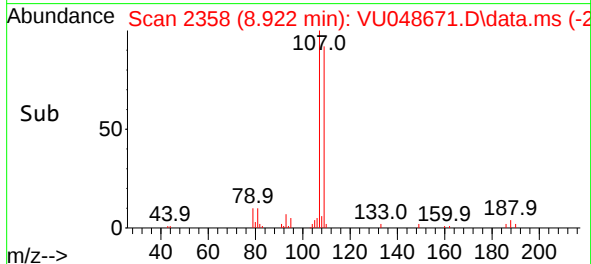
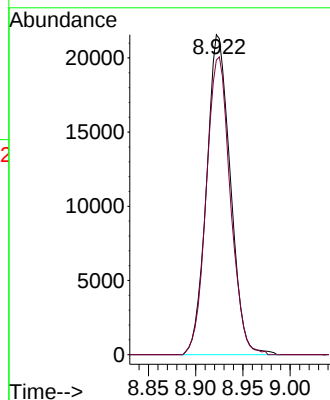
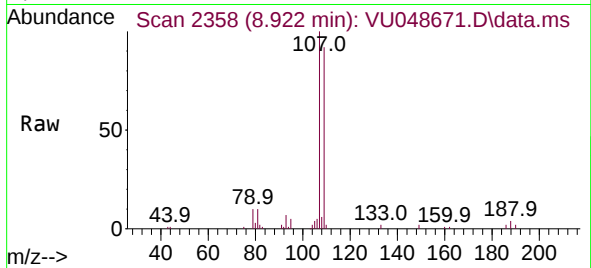




#61
1,2-Dibromoethane
Concen: 18.843 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

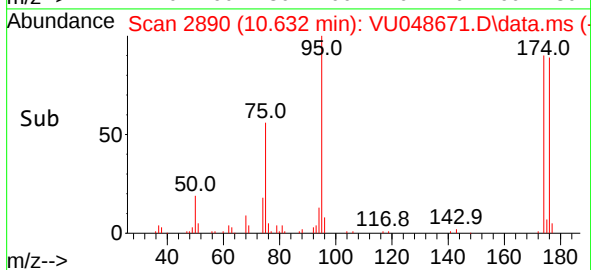
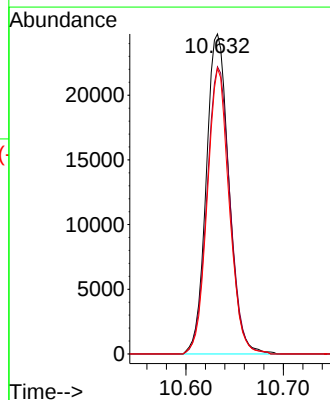
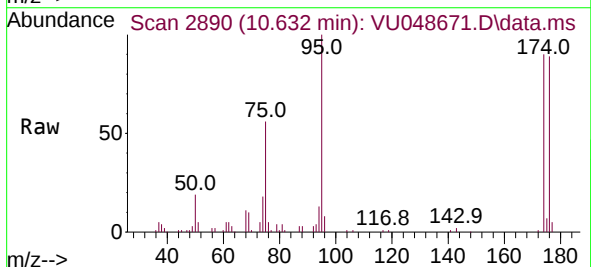
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

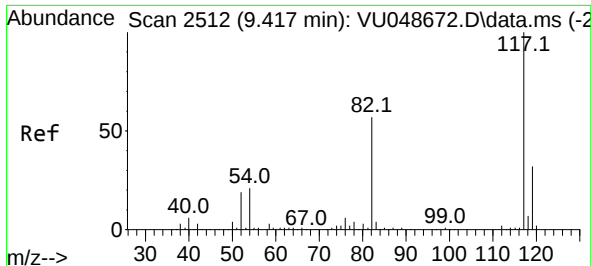
Tgt Ion:107 Resp: 37742
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 18.525 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 95 Resp: 40156
Ion Ratio Lower Upper
95 100
174 90.8 0.0 159.4
176 86.0 0.0 152.4

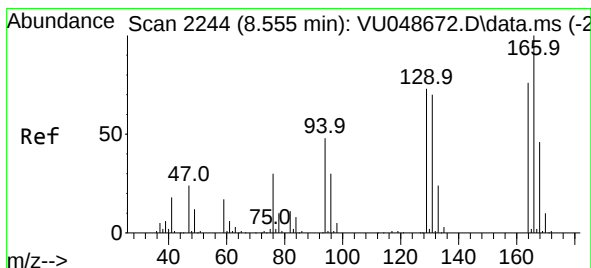
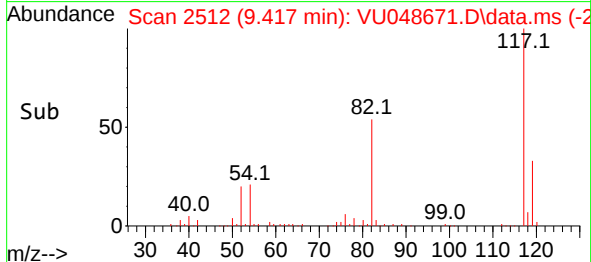
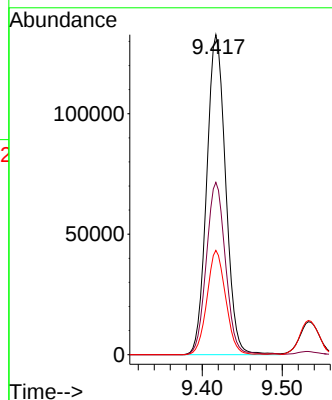
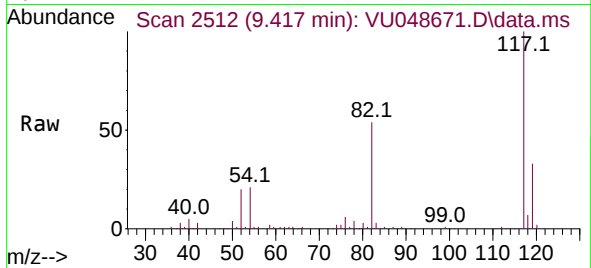




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 218889
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

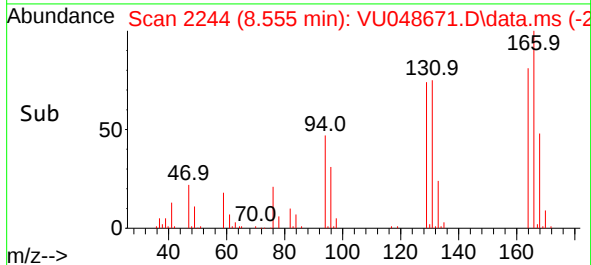
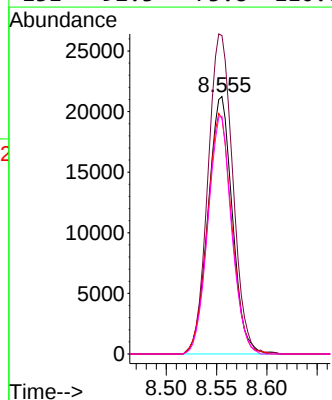
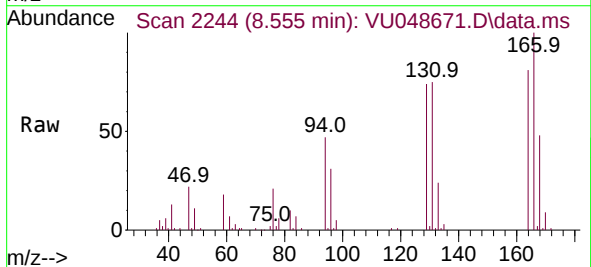
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

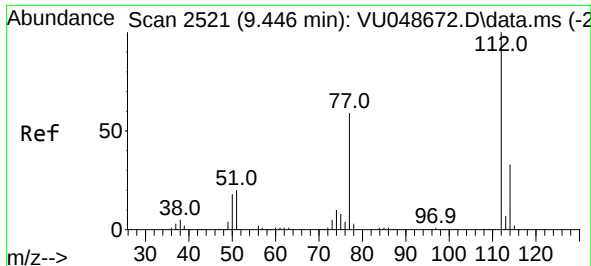
Tgt Ion:117 Resp: 218889
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 21.273 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:164 Resp: 35781
Ion Ratio Lower Upper
164 100
166 123.6 105.0 157.4
129 91.5 76.5 114.7
131 92.3 73.8 110.6

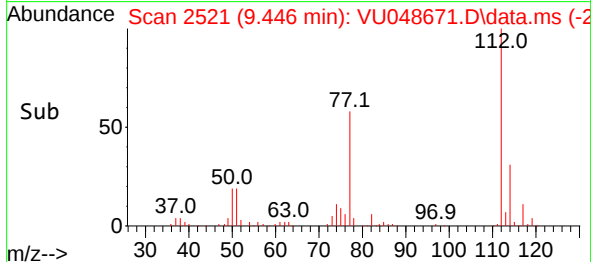
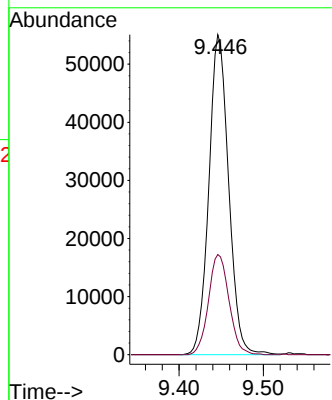
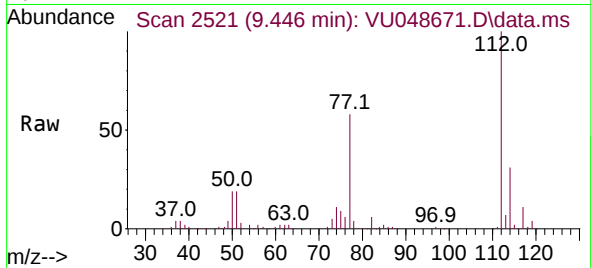




#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

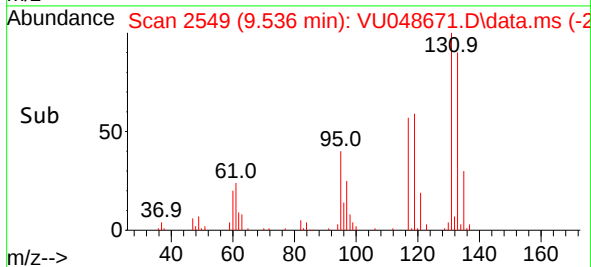
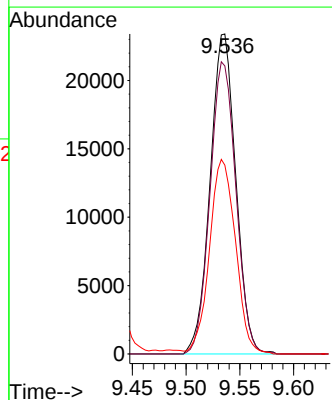
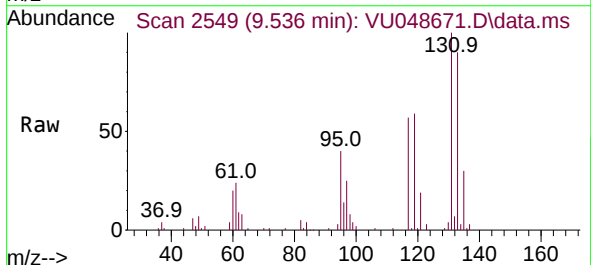
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

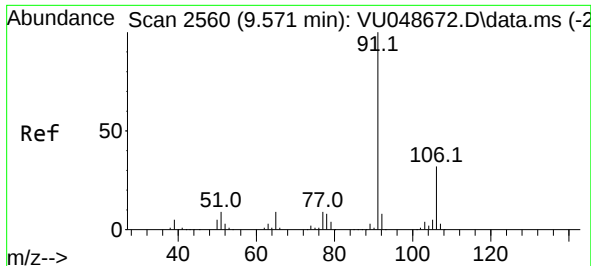
Tgt Ion:112 Resp: 89901
Ion Ratio Lower Upper
112 100
114 31.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.084 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:131 Resp: 38808
Ion Ratio Lower Upper
131 100
133 92.4 48.5 145.5
119 61.8 32.7 98.1





#67

Ethyl Benzene

Concen: 19.422 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

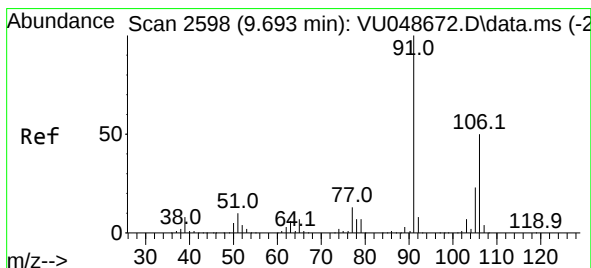
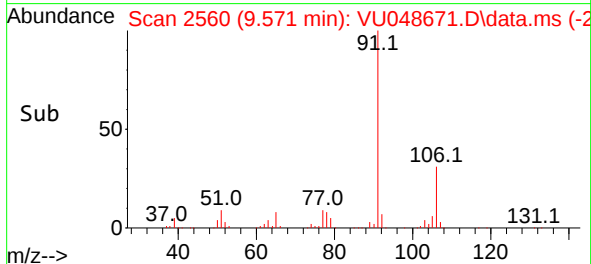
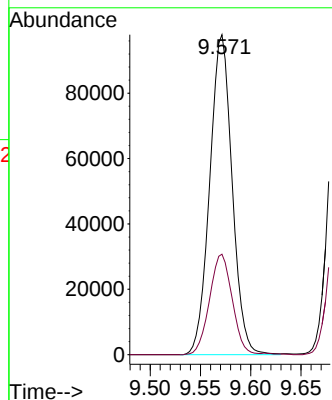
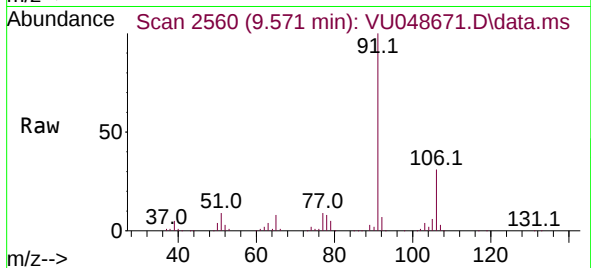
VSTDIC020

Tgt Ion: 91 Resp: 151651

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 40.825 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048671.D

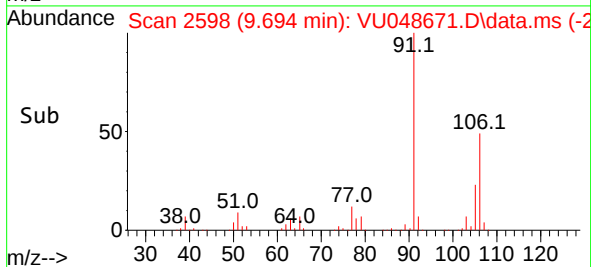
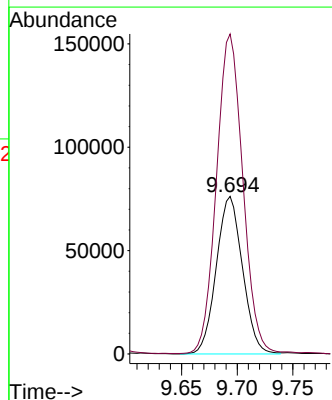
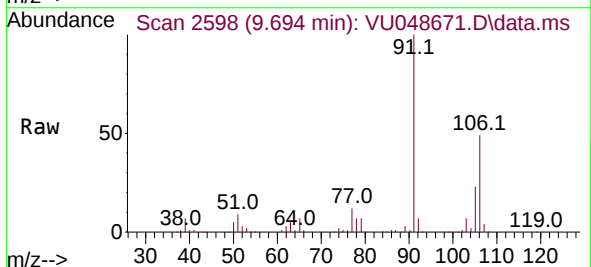
Acq: 26 May 2022 10:43

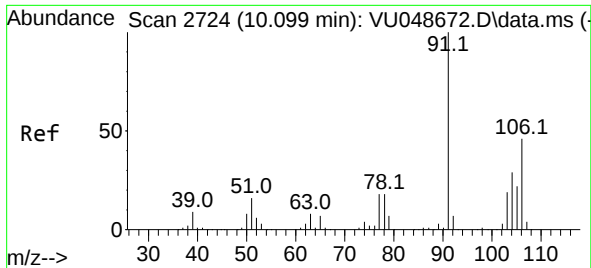
Tgt Ion: 106 Resp: 124673

Ion Ratio Lower Upper

106 100

91 204.1 162.4 243.6

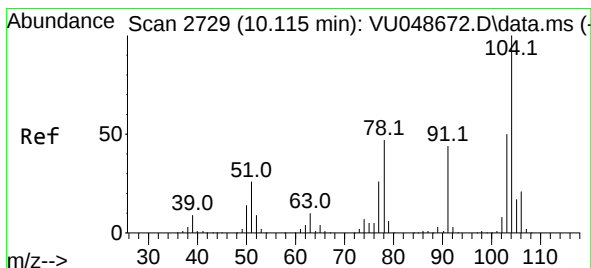
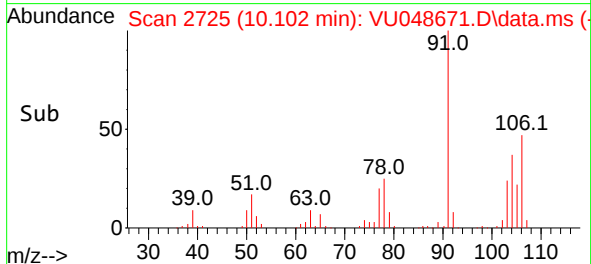
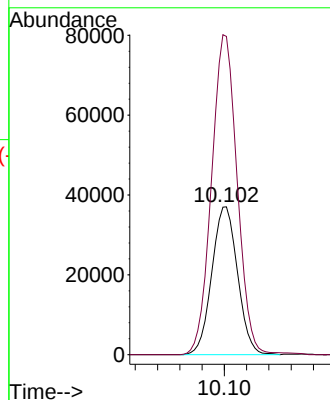
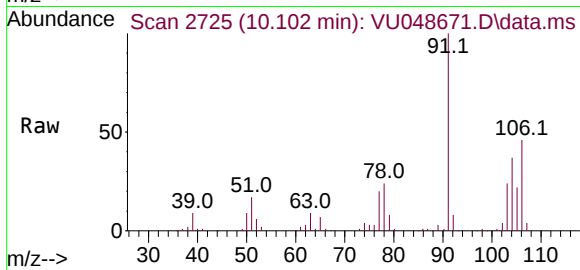




#69
o-Xylene
Concen: 19.781 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

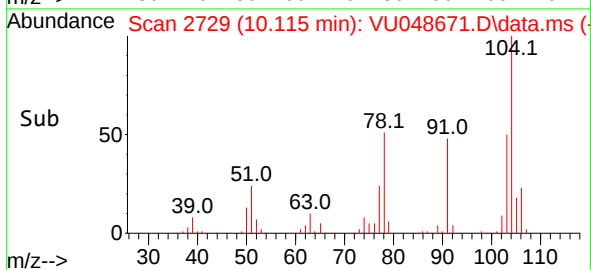
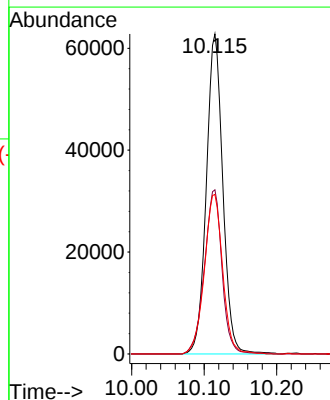
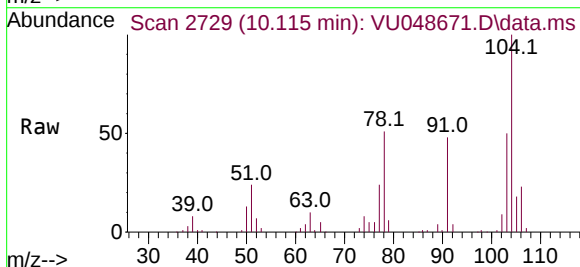
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

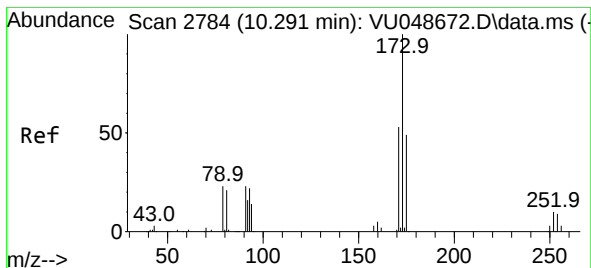
Tgt Ion:106 Resp: 59348
Ion Ratio Lower Upper
106 100
91 216.4 107.7 323.3



#70
Styrene
Concen: 20.118 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:104 Resp: 99284
Ion Ratio Lower Upper
104 100
78 54.6 41.2 61.8
103 55.2 43.4 65.2





#71

Bromoform

Concen: 22.550 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

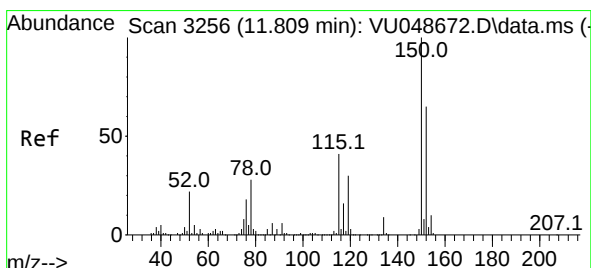
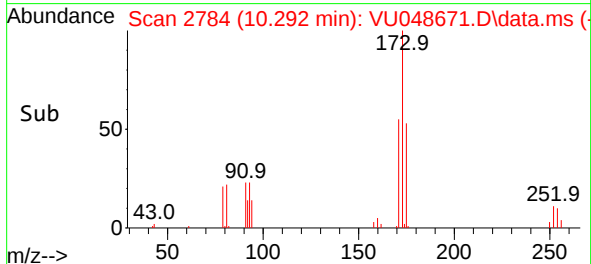
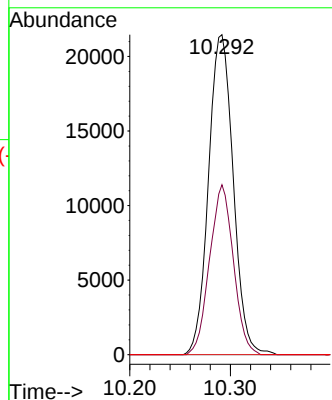
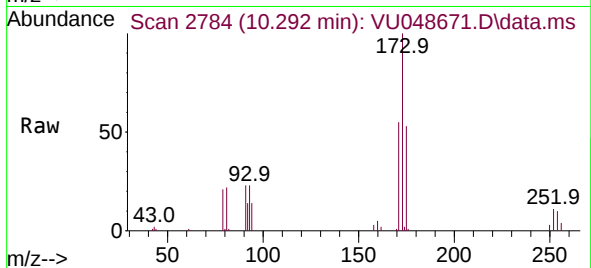
Tgt Ion:173 Resp: 36638

Ion Ratio Lower Upper

173 100

175 51.1 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: VU048671.D

Acq: 26 May 2022 10:43

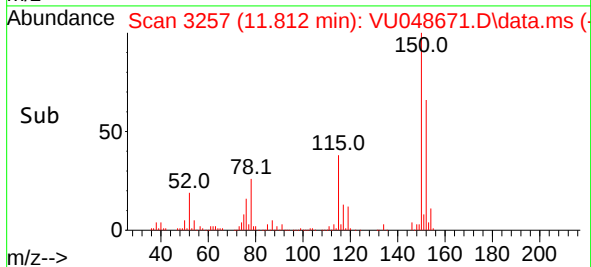
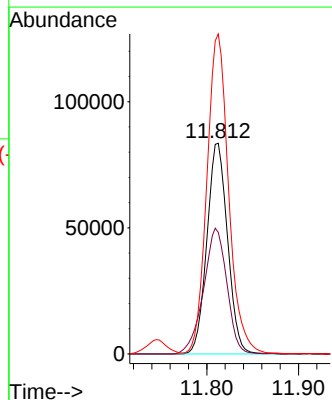
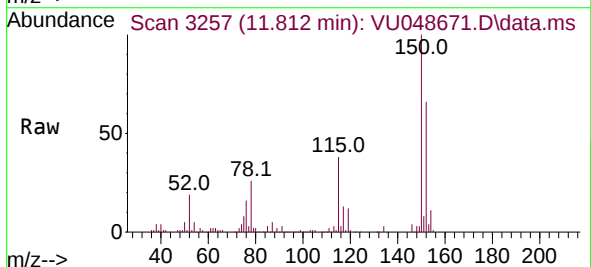
Tgt Ion:152 Resp: 130818

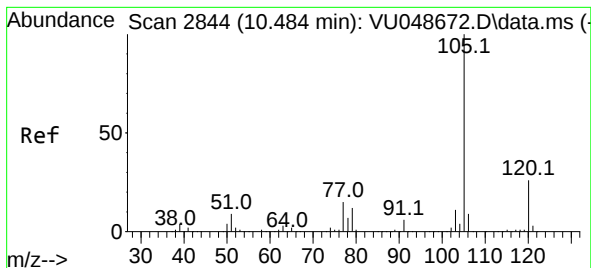
Ion Ratio Lower Upper

152 100

115 67.3 41.8 125.4

150 159.4 0.0 341.0





#73

Isopropylbenzene

Concen: 18.972 ug/l

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

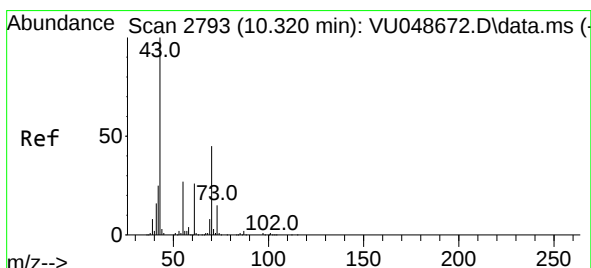
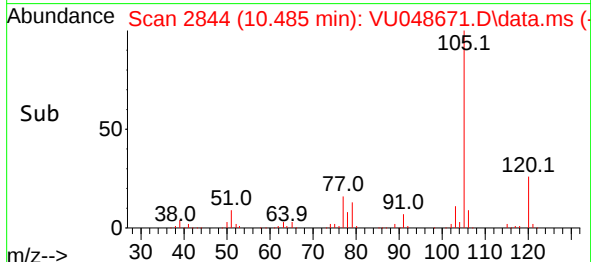
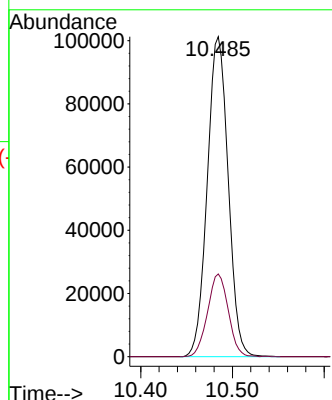
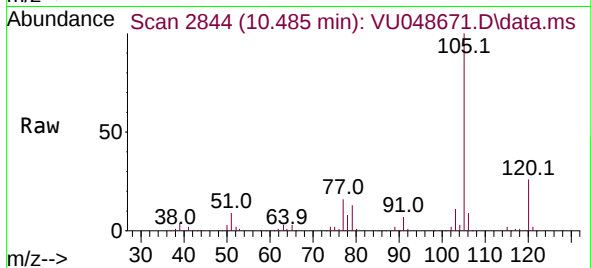
VSTDIC020

Tgt Ion:105 Resp: 160230

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 14.082 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Tgt Ion: 43 Resp: 51418

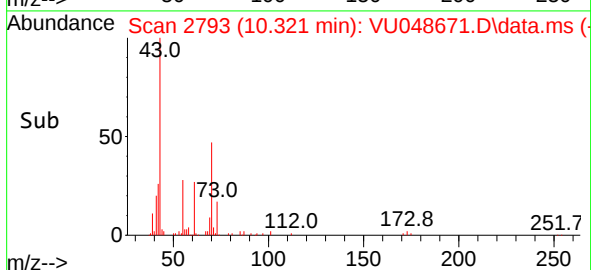
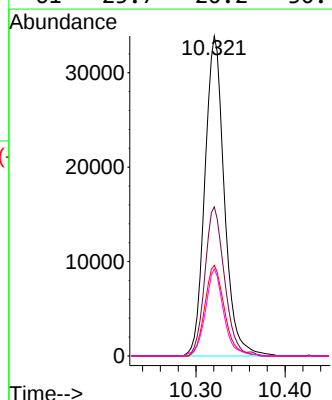
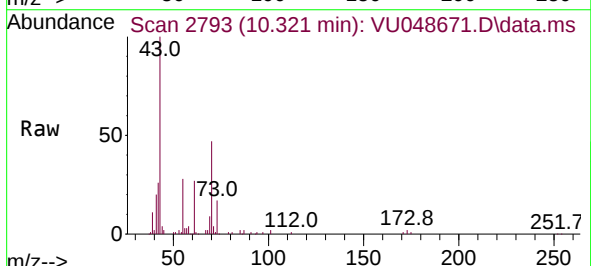
Ion Ratio Lower Upper

43 100

70 47.0 35.8 53.6

55 28.6 21.1 31.7

61 25.7 20.2 30.4

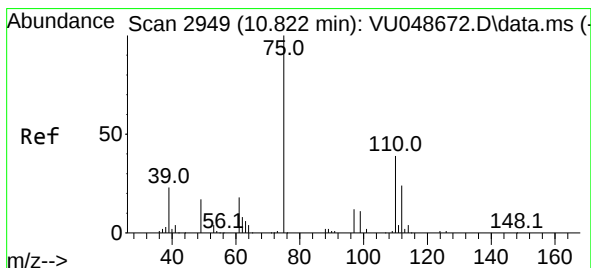
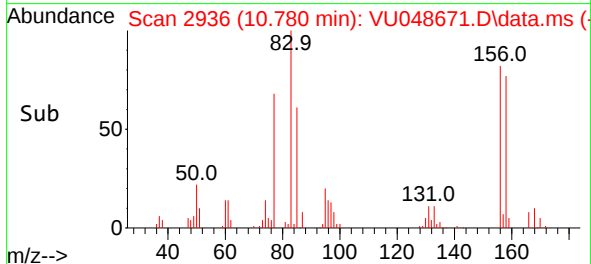
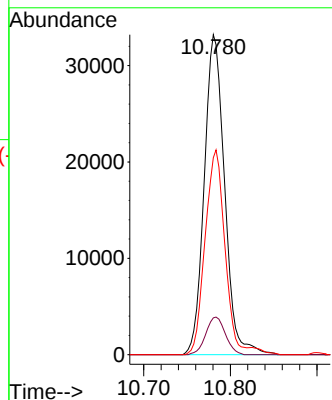
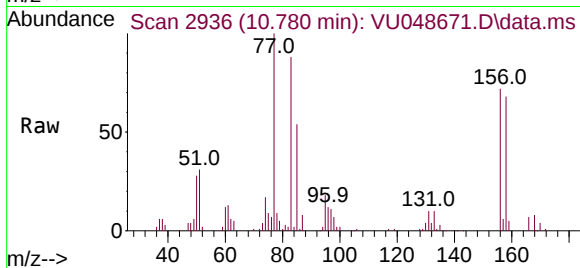




#75
 1,1,2,2-Tetrachloroethane
 Concen: 15.759 ug/l
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

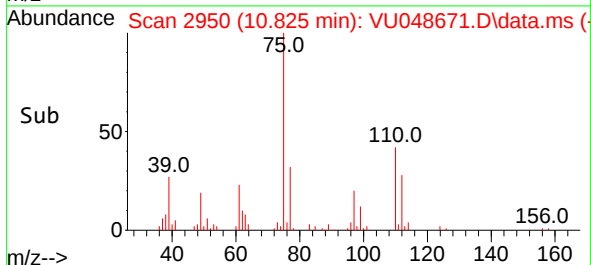
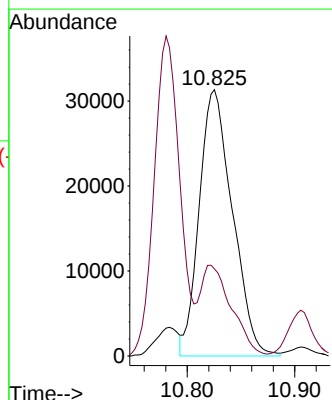
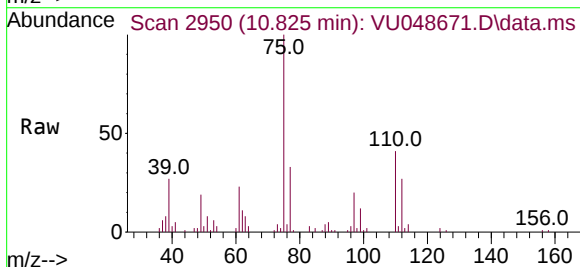
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

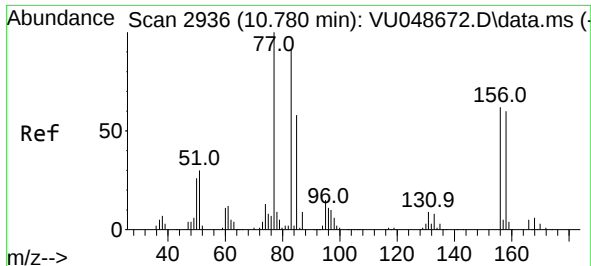
Tgt Ion: 83 Resp: 54313
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.2 15.6
 85 63.4 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 18.656 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.003 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion: 75 Resp: 67225
 Ion Ratio Lower Upper
 75 100
 77 30.6 14.8 44.3

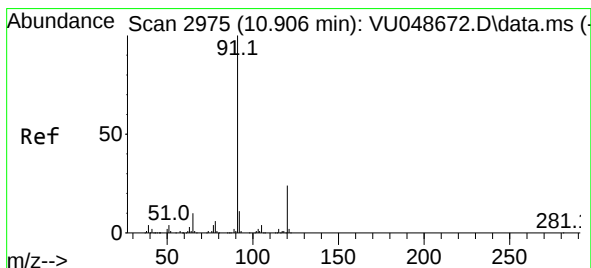
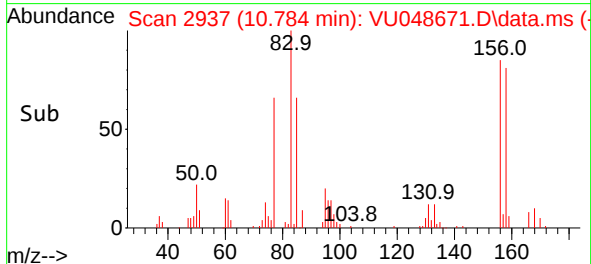
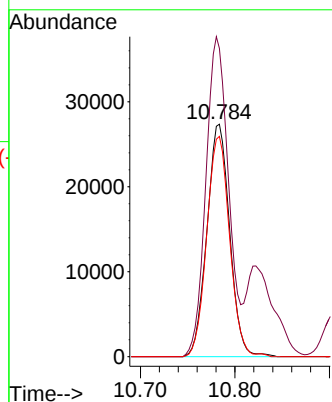
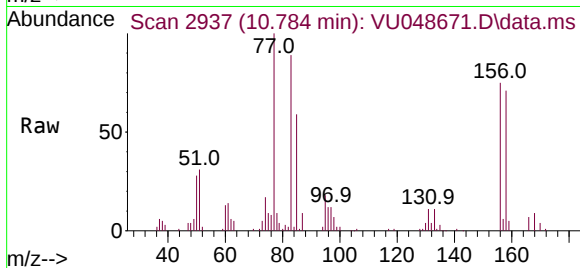




#77
Bromobenzene
Concen: 20.156 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

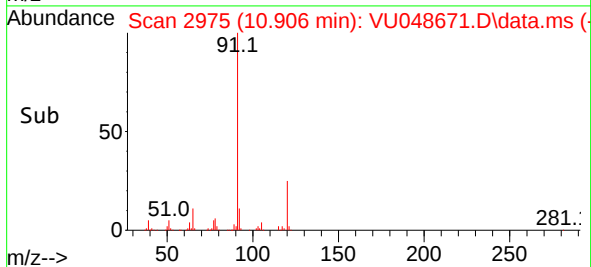
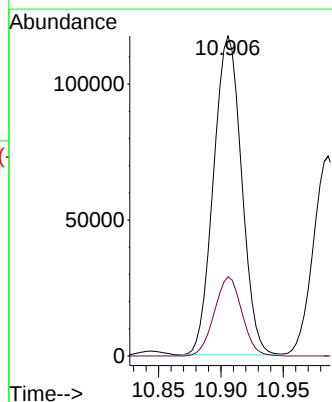
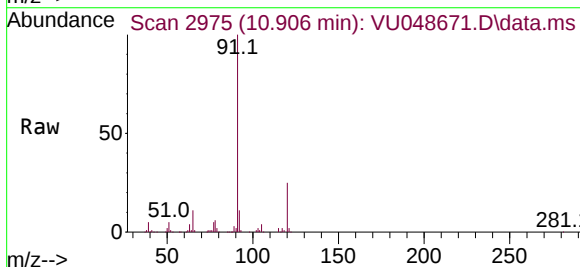
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

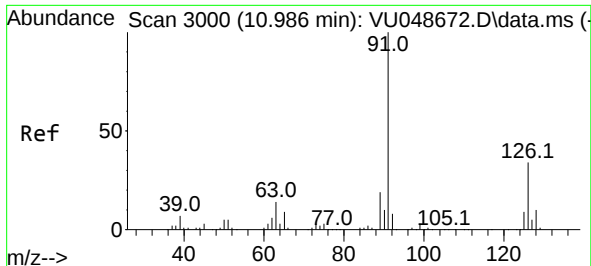
Tgt Ion:156 Resp: 45716
Ion Ratio Lower Upper
156 100
77 136.4 81.1 243.3
158 95.0 48.8 146.4



#78
n-propylbenzene
Concen: 18.297 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 91 Resp: 184134
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.7

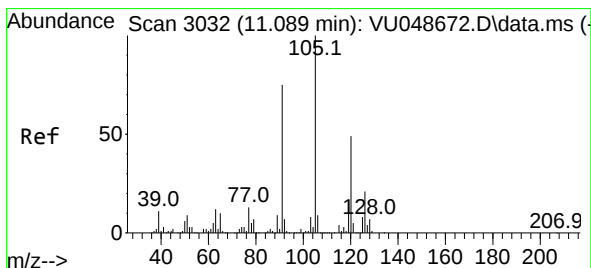
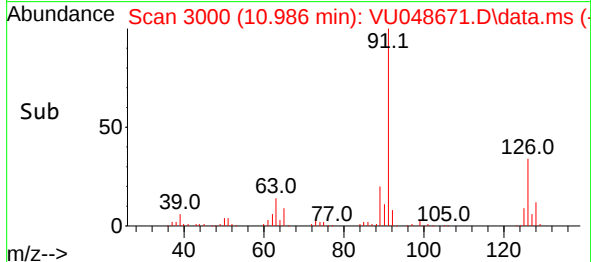
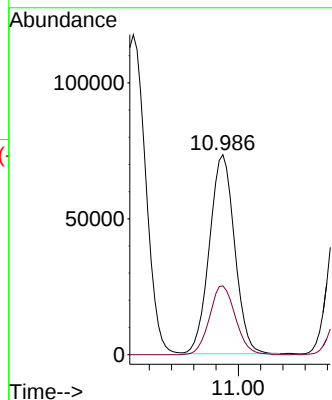
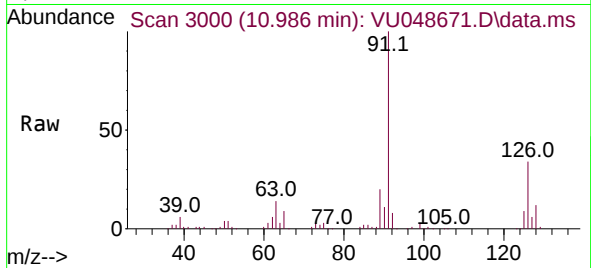




#79
2-Chlorotoluene
Concen: 18.356 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

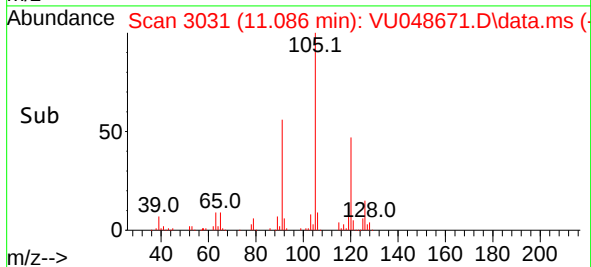
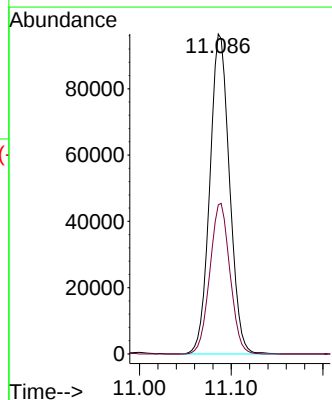
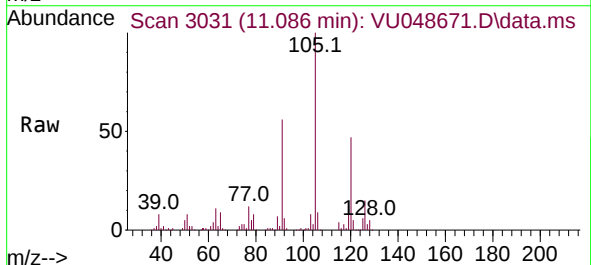
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

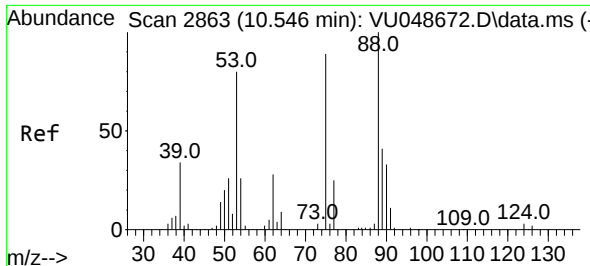
Tgt Ion: 91 Resp: 114875
Ion Ratio Lower Upper
91 100
126 35.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 19.642 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 105 Resp: 144264
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

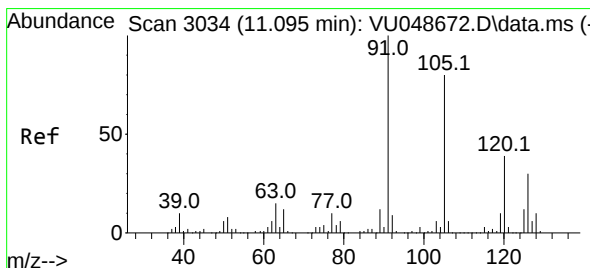
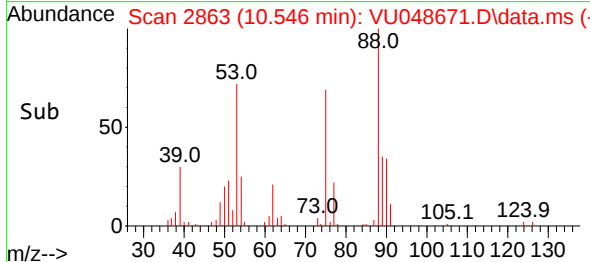
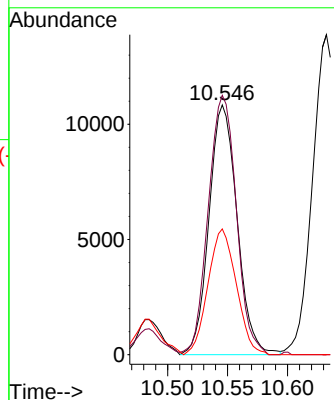
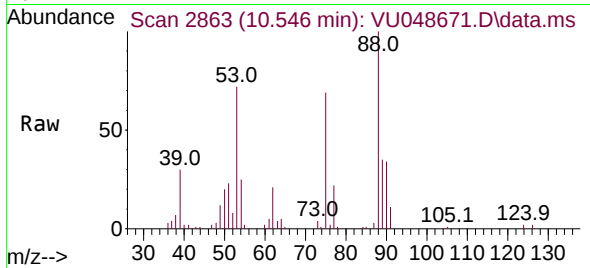




#81
trans-1,4-Dichloro-2-butene
Concen: 15.206 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

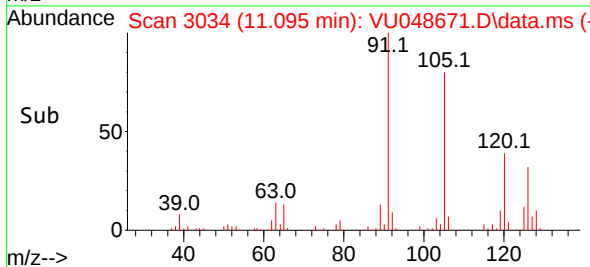
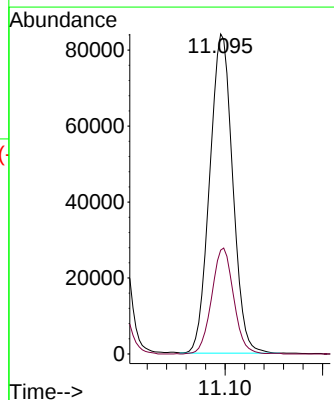
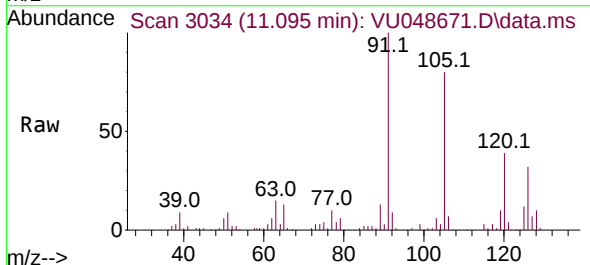
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

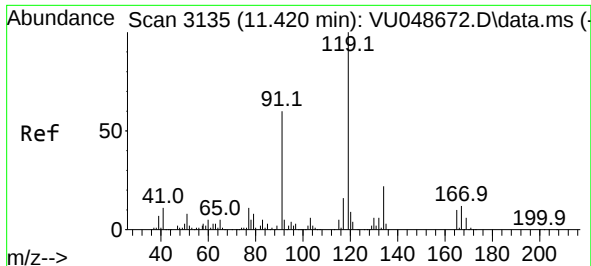
Tgt Ion: 75 Resp: 17665
Ion Ratio Lower Upper
75 100
53 103.6 72.5 108.7
89 50.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.058 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 91 Resp: 137611
Ion Ratio Lower Upper
91 100
126 31.7 14.4 43.2

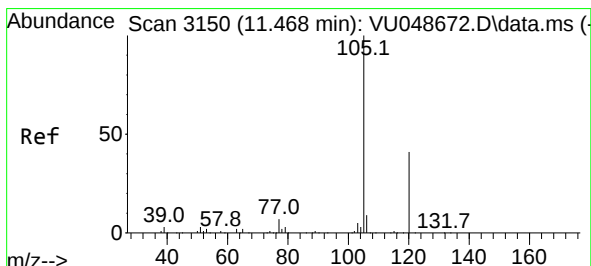
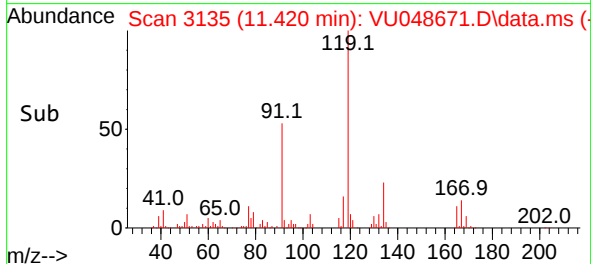
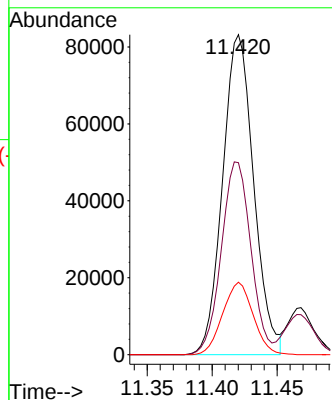
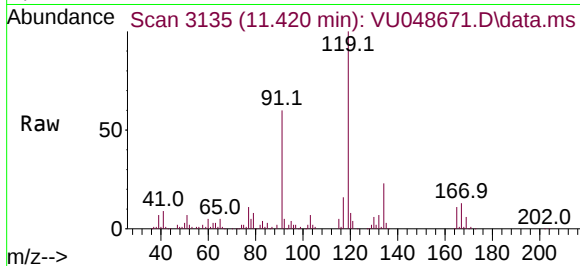




#83
tert-Butylbenzene
Concen: 19.675 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

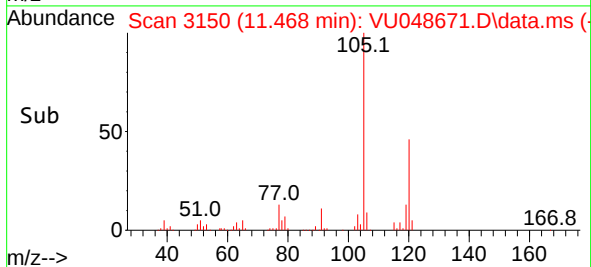
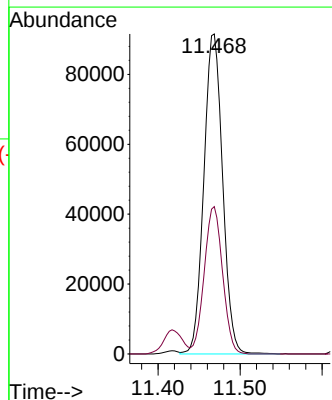
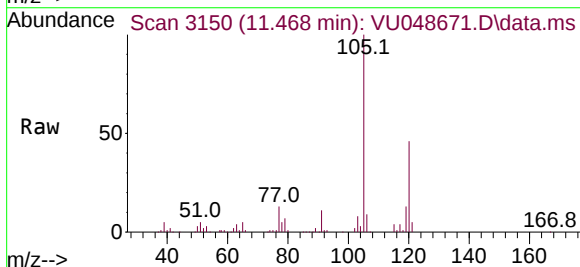
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

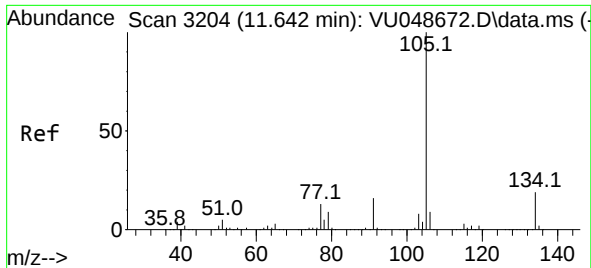
Tgt Ion:119 Resp: 138691
Ion Ratio Lower Upper
119 100
91 57.3 28.7 86.1
134 22.1 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 20.359 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:105 Resp: 145541
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5

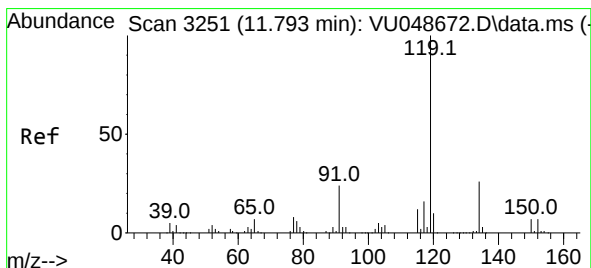
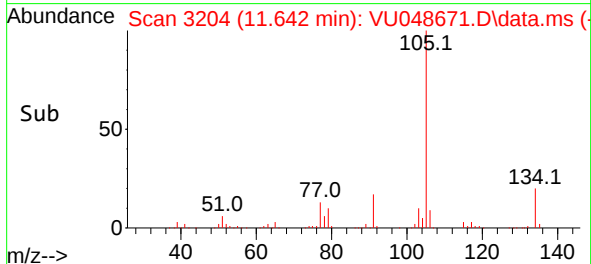
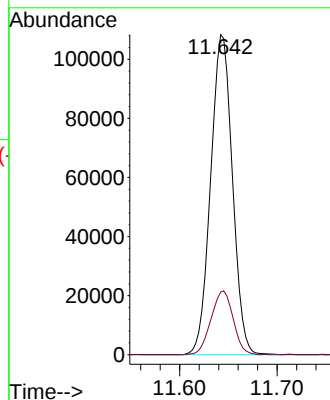
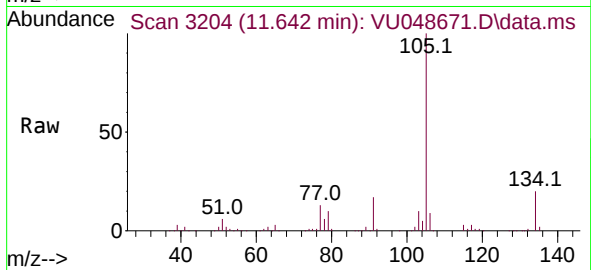




#85
 sec-Butylbenzene
 Concen: 19.061 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

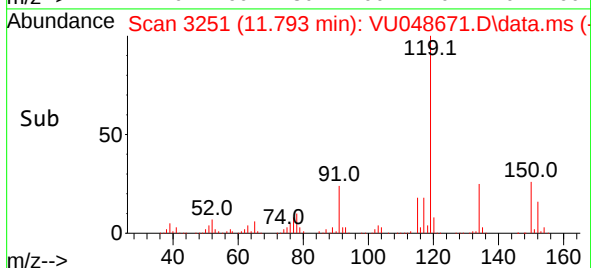
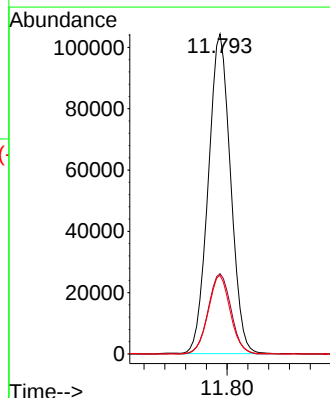
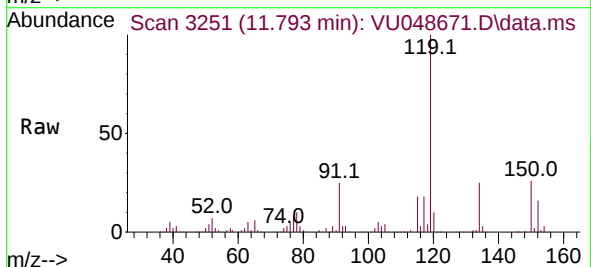
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

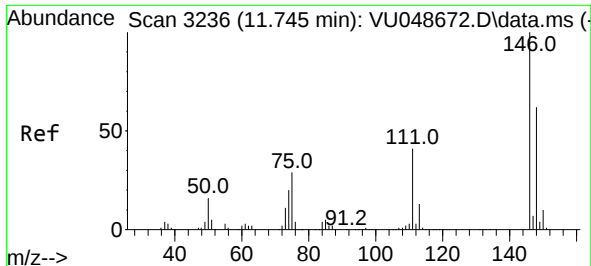
Tgt Ion:105 Resp: 168092
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.446 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion:119 Resp: 154838
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.229 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

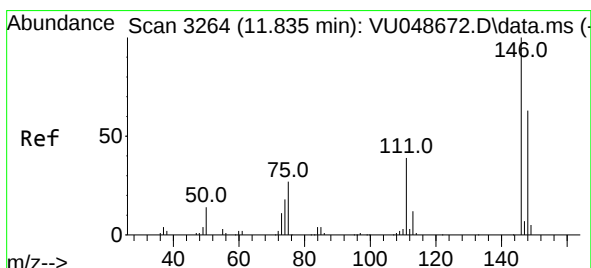
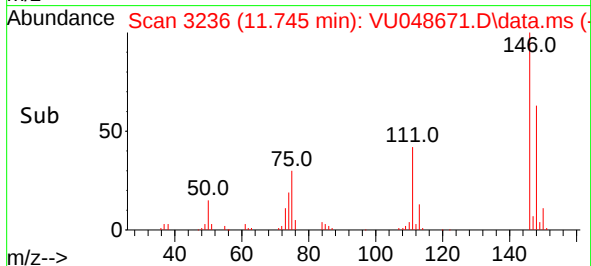
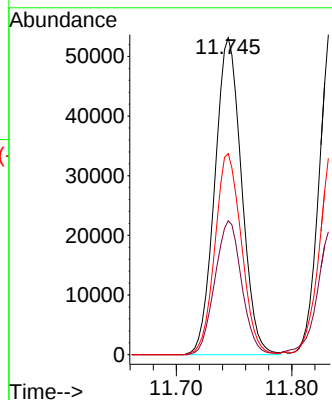
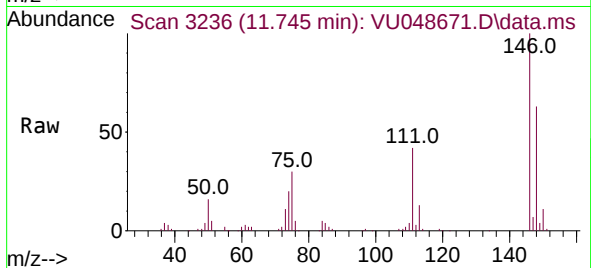
Tgt Ion:146 Resp: 85513

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 62.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.668 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048671.D

Acq: 26 May 2022 10:43

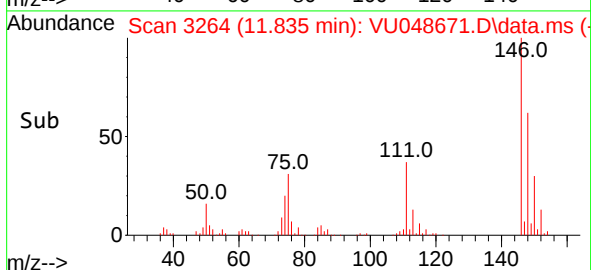
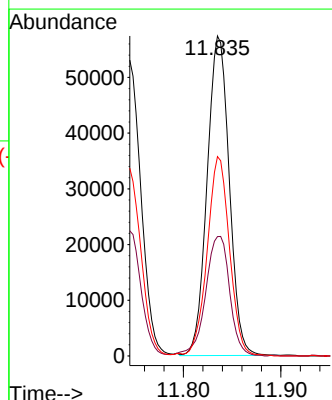
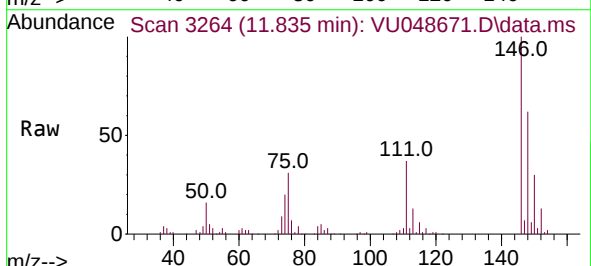
Tgt Ion:146 Resp: 90365

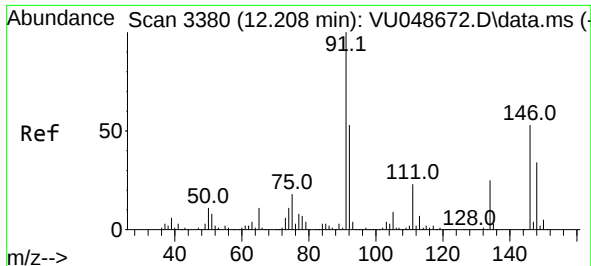
Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.6

148 63.3 32.4 97.0

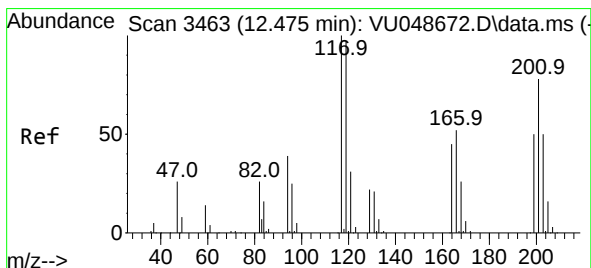
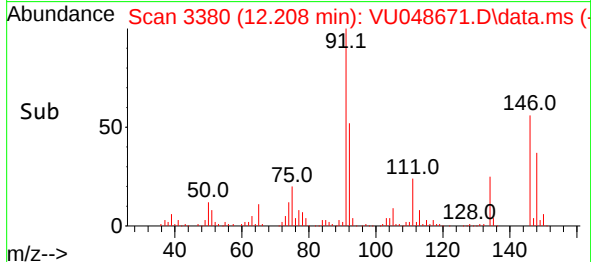
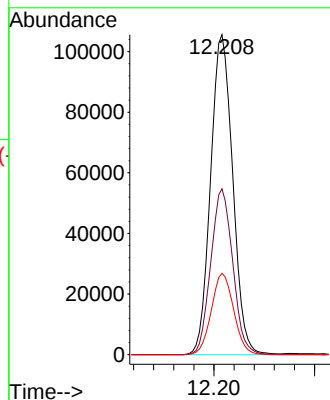
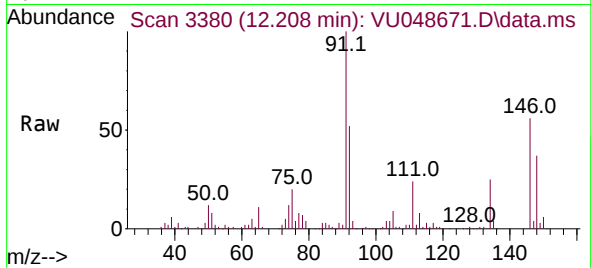




#89
n-Butylbenzene
Concen: 24.214 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

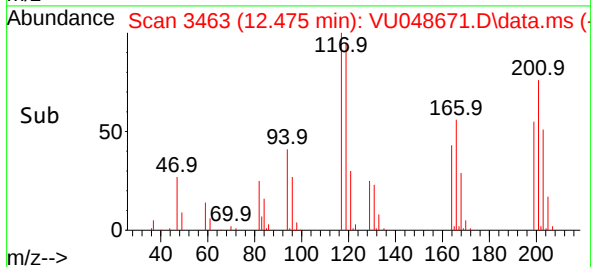
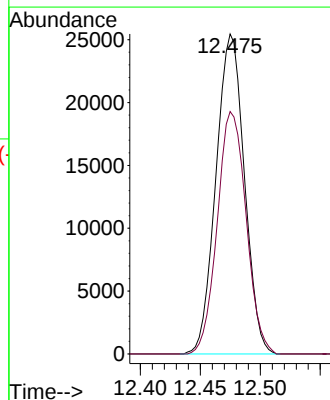
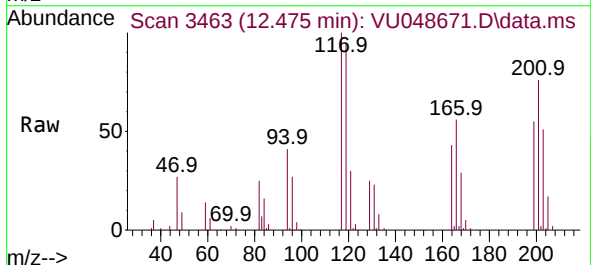
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

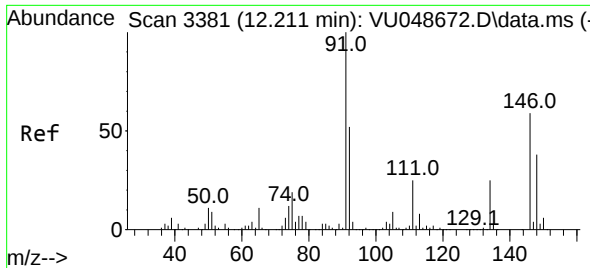
Tgt Ion: 91 Resp: 161146
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 25.7 12.5 37.5



#90
Hexachloroethane
Concen: 27.106 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion: 117 Resp: 41894
Ion Ratio Lower Upper
117 100
201 77.0 39.6 119.0

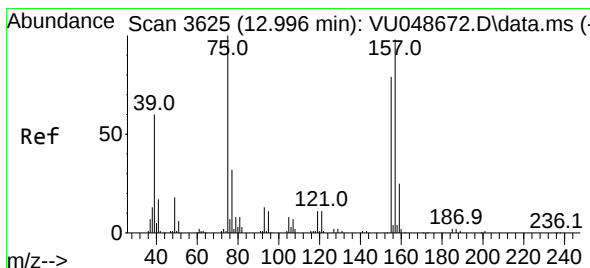
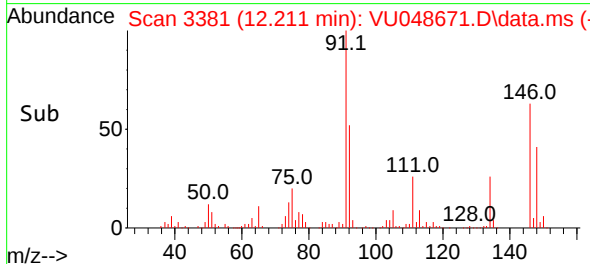
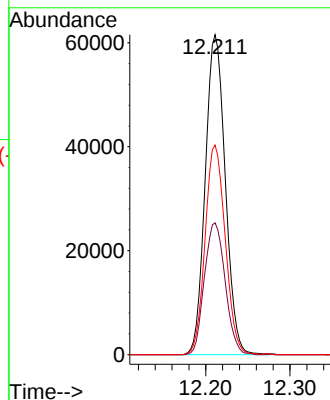
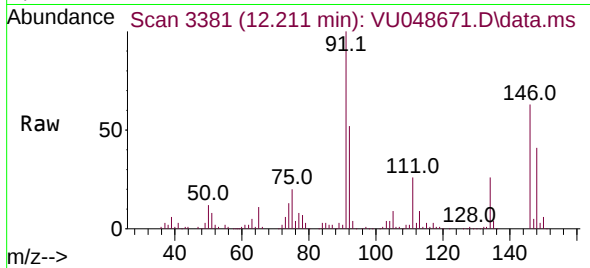




#91
 1,2-Dichlorobenzene
 Concen: 22.691 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

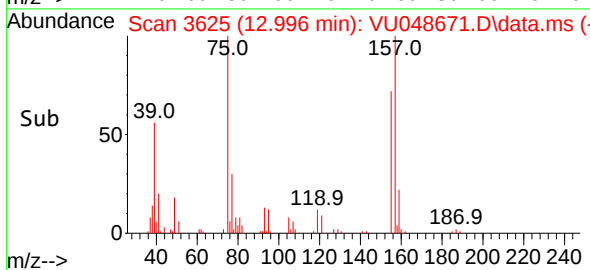
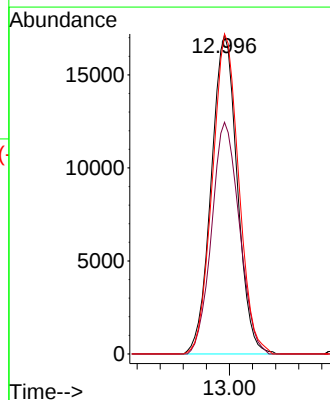
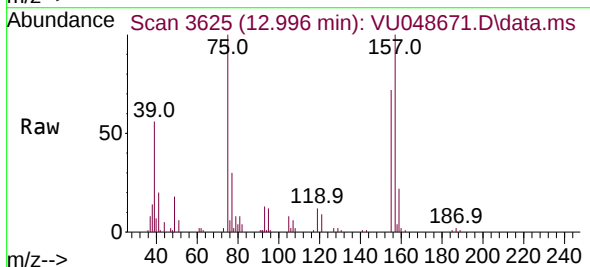
Instrument :
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 ClientSampleId :
 VSTDIC020

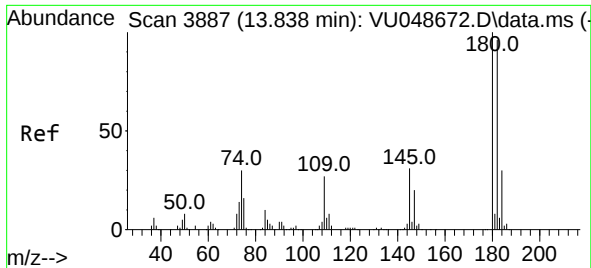
Tgt Ion:146 Resp: 101937
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.3
 148 66.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.985 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048671.D
 Acq: 26 May 2022 10:43

Tgt Ion: 75 Resp: 26778
 Ion Ratio Lower Upper
 75 100
 155 77.3 40.3 120.8
 157 101.9 50.0 150.0

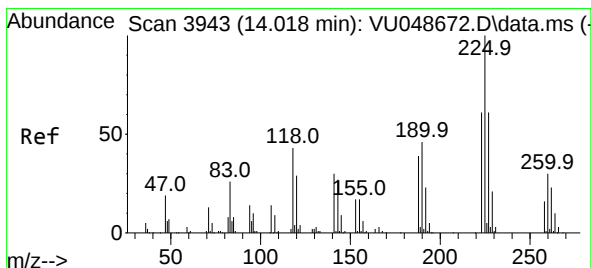
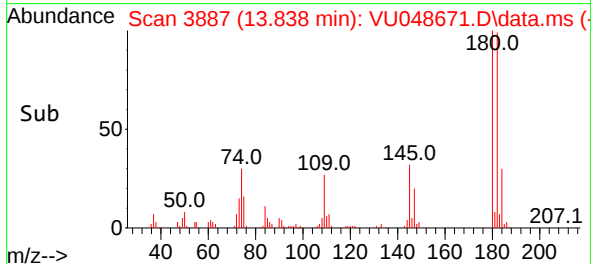
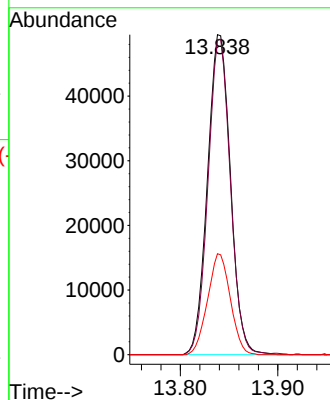
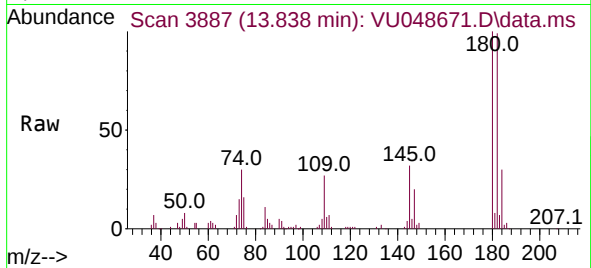




#93
1,2,4-Trichlorobenzene
Concen: 27.508 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

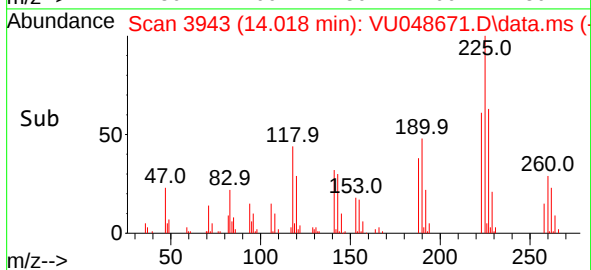
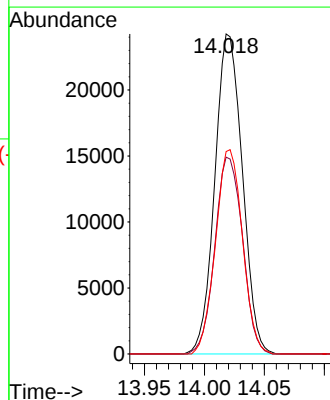
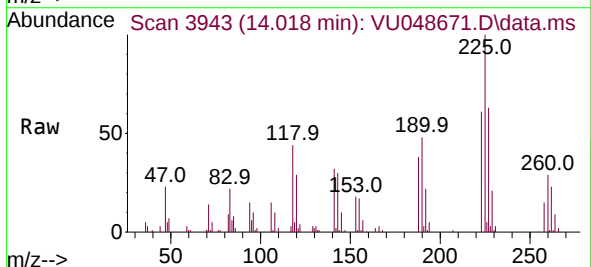
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

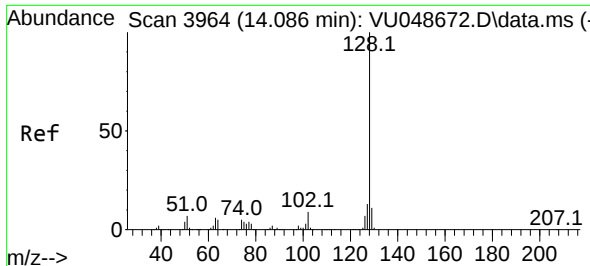
Tgt Ion:180 Resp: 81094
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 31.2 15.6 46.7



#94
Hexachlorobutadiene
Concen: 27.360 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:225 Resp: 38661
Ion Ratio Lower Upper
225 100
223 61.8 30.9 92.8
227 62.6 31.1 93.5

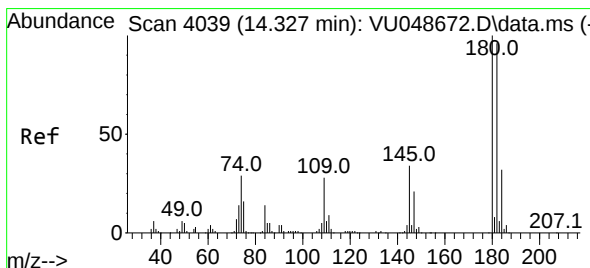
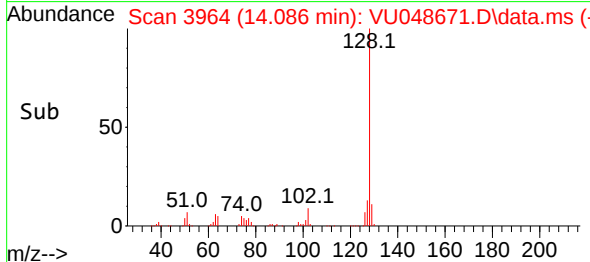
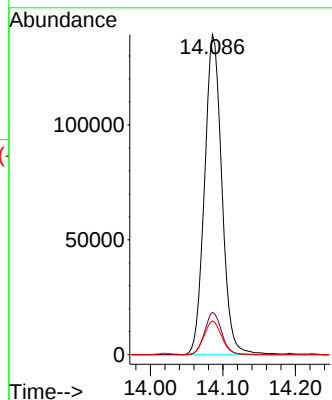
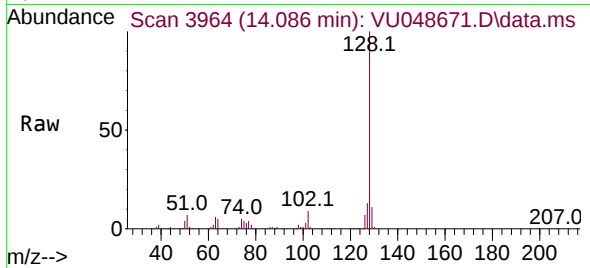




#95
Naphthalene
Concen: 25.277 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 231122
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 28.600 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048671.D
Acq: 26 May 2022 10:43

Tgt Ion:180 Resp: 83508
Ion Ratio Lower Upper
180 100
182 92.4 47.4 142.2
145 31.6 16.6 49.8

