

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048677.D
 Acq On : 26 May 2022 13:21
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: May 27 05:38:11 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	243362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	389362	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	199996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	70523	19.296	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	38.600%#
35) Dibromofluoromethane	5.292	113	54650	19.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.340%#
50) Toluene-d8	7.899	98	196455	19.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.460%#
62) 4-Bromofluorobenzene	10.632	95	74985	19.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.820%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	53917	19.353	ug/l	100
3) Chloromethane	1.524	50	69590	19.404	ug/l	100
4) Vinyl Chloride	1.604	62	65422	19.695	ug/l	100
5) Bromomethane	1.855	94	47006	22.678	ug/l	99
6) Chloroethane	1.935	64	38789	18.744	ug/l	99
7) Trichlorofluoromethane	2.141	101	87866	18.521	ug/l	97
8) Diethyl Ether	2.379	74	33611	19.199	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	50798	19.562	ug/l	97
10) Methyl Iodide	2.723	142	60947	17.797	ug/l	100
11) Tert butyl alcohol	3.186	59	87756	184.608	ug/l #	41
12) 1,1-Dichloroethene	2.581	96	49205	19.865	ug/l	99
13) Acrolein	2.488	56	28945	81.024	ug/l	97
14) Allyl chloride	2.925	41	93875	19.568	ug/l	98
15) Acrylonitrile	3.314	53	207179	103.093	ug/l	97
16) Acetone	2.626	43	172121	92.409	ug/l	98
17) Carbon Disulfide	2.794	76	135947	18.801	ug/l	99
18) Methyl Acetate	2.948	43	92221	19.720	ug/l	97
19) Methyl tert-butyl Ether	3.363	73	185350	19.722	ug/l	100
20) Methylene Chloride	3.044	84	60194	19.004	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	54480	19.228	ug/l	96
22) Diisopropyl ether	3.993	45	185644	20.978	ug/l	89
23) Vinyl Acetate	3.958	43	801875	104.585	ug/l	100
24) 1,1-Dichloroethane	3.874	63	110064	19.803	ug/l	100
25) 2-Butanone	4.700	43	273450	102.194	ug/l	99
26) 2,2-Dichloropropane	4.665	77	91955	18.442	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	64006	19.517	ug/l	99
28) Bromochloromethane	4.974	49	41968	19.251	ug/l	99
29) Tetrahydrofuran	5.051	42	176038	102.778	ug/l	98
30) Chloroform	5.089	83	111929	20.127	ug/l	100
31) Cyclohexane	5.388	56	92320	20.044	ug/l	96
32) 1,1,1-Trichloroethane	5.318	97	99229	19.668	ug/l	98
36) 1,1-Dichloropropene	5.527	75	77218	19.047	ug/l	99
37) Ethyl Acetate	4.806	43	100838	19.080	ug/l	97
38) Carbon Tetrachloride	5.527	117	87947	18.909	ug/l	97
39) Methylcyclohexane	6.764	83	84046	19.771	ug/l	98
40) Benzene	5.774	78	235063	19.639	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	53745	20.752	ug/l	99
42) 1,2-Dichloroethane	5.797	62	90454	19.306	ug/l	99
43) Isopropyl Acetate	5.912	43	149408	20.085	ug/l	99
44) Trichloroethene	6.543	130	61048	19.798	ug/l	99
45) 1,2-Dichloropropane	6.790	63	65196	21.637	ug/l	97
46) Dibromomethane	6.919	93	45343	20.142	ug/l	97
47) Bromodichloromethane	7.109	83	85810	18.849	ug/l	99
48) Methyl methacrylate	6.961	41	66754	19.990	ug/l	99
49) 1,4-Dioxane	6.970	88	29087	389.642	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	522348	108.143	ug/l	99
52) Toluene	7.970	92	147120	20.550	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	98777	20.114	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	102616	20.165	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	63288	20.030	ug/l	95
56) Ethyl methacrylate	8.334	69	92478	20.969	ug/l	99
57) 1,3-Dichloropropane	8.575	76	104952	19.736	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	80237	92.963	ug/l	98
59) 2-Hexanone	8.684	43	410194	103.443	ug/l	100
60) Dibromochloromethane	8.813	129	69397	19.594	ug/l	99
61) 1,2-Dibromoethane	8.925	107	66830	19.206	ug/l	99
64) Tetrachloroethene	8.552	164	53714	18.745	ug/l	97
65) Chlorobenzene	9.446	112	159542	20.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	59637	19.920	ug/l	99
67) Ethyl Benzene	9.571	91	271493	20.409	ug/l	100
68) m/p-Xylenes	9.694	106	215293	41.381	ug/l	98
69) o-Xylene	10.102	106	102401	20.034	ug/l	100
70) Styrene	10.115	104	169320	20.139	ug/l	99
71) Bromoform	10.288	173	54201	19.581	ug/l #	100
73) Isopropylbenzene	10.485	105	269677	20.886	ug/l	98
74) N-amyl acetate	10.321	43	122029	21.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	109640	20.808	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	132076	23.975	ug/l	99
77) Bromobenzene	10.780	156	70441	20.314	ug/l	99
78) n-propylbenzene	10.906	91	324965	21.122	ug/l	99
79) 2-Chlorotoluene	10.986	91	196800	20.569	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	235551	20.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	33169	18.676	ug/l	98
82) 4-Chlorotoluene	11.095	91	230461	20.877	ug/l	97
83) tert-Butylbenzene	11.420	119	219606	20.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	236915	21.678	ug/l	99
85) sec-Butylbenzene	11.642	105	282689	20.968	ug/l	99
86) p-Isopropyltoluene	11.793	119	241619	20.869	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	137573	20.235	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	135876	19.344	ug/l	98
89) n-Butylbenzene	12.208	91	210611	20.701	ug/l	99
90) Hexachloroethane	12.475	117	43516	18.417	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	135380	19.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29508	19.450	ug/l	99
93) 1,2,4-Trichlorobenzene	13.838	180	88856	19.715	ug/l	99
94) Hexachlorobutadiene	14.021	225	38851	17.985	ug/l	98
95) Naphthalene	14.086	128	279308	19.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	88312	19.784	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

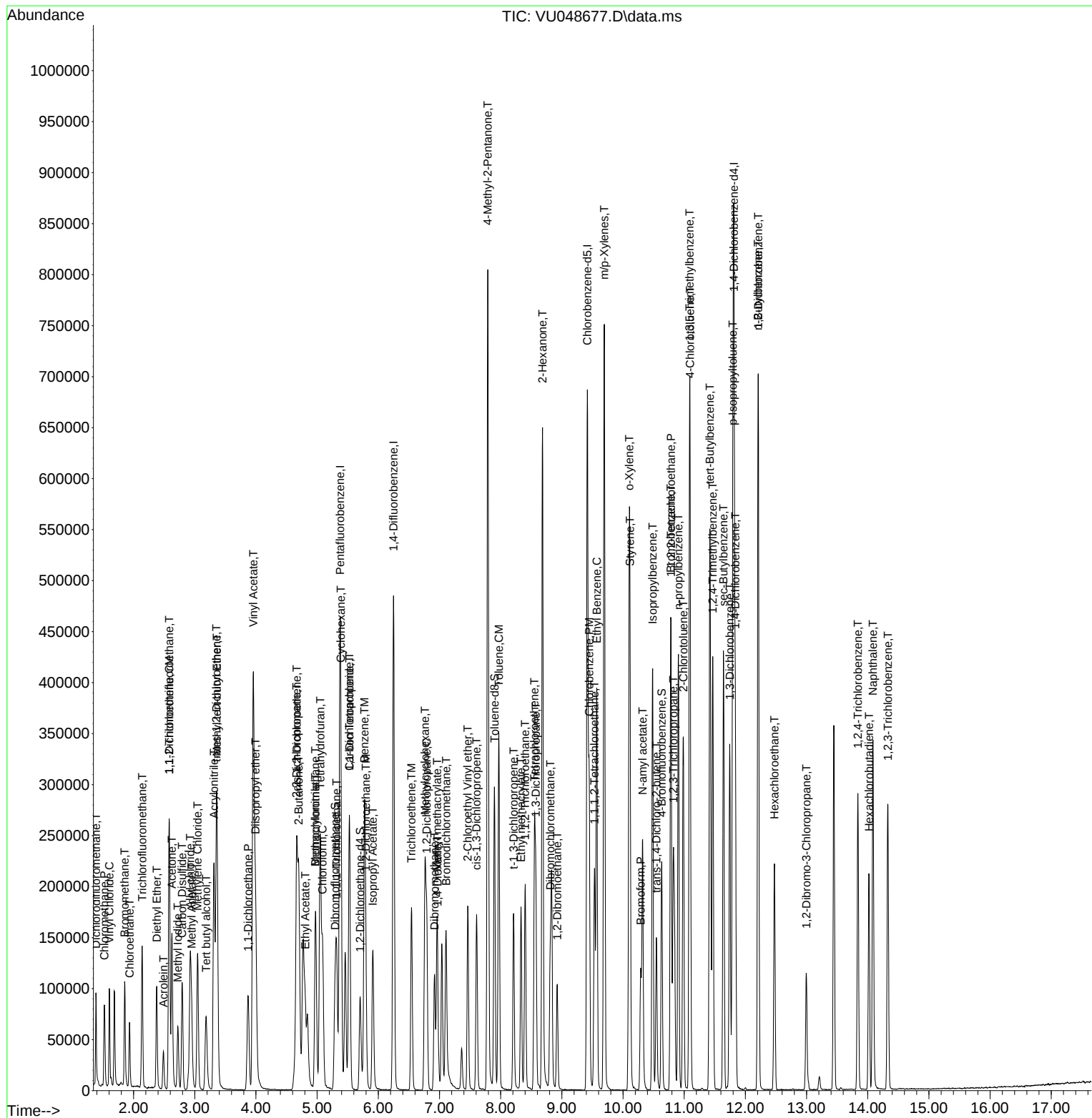
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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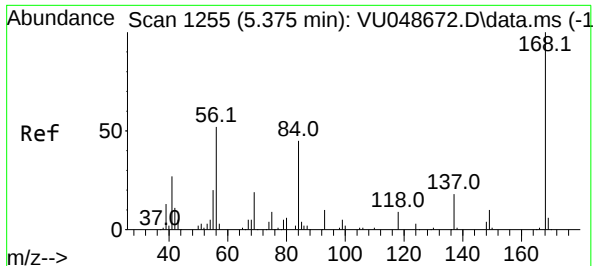
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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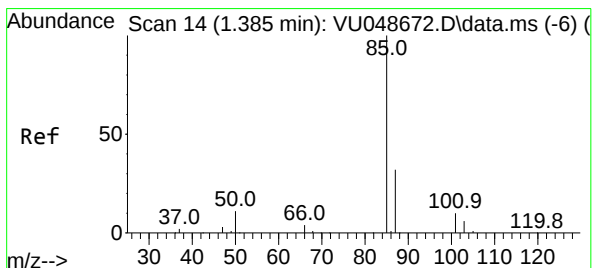
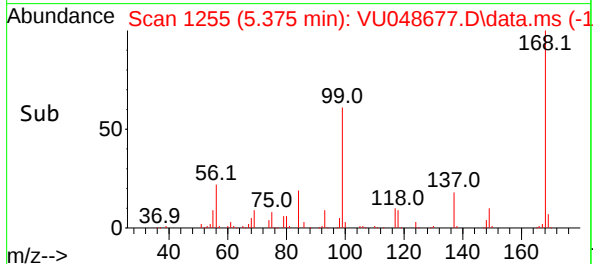
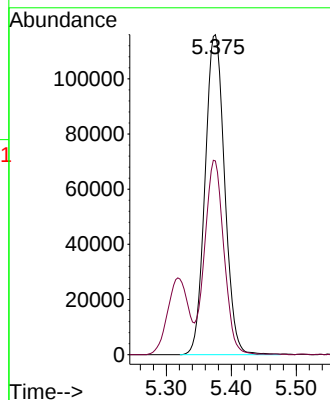
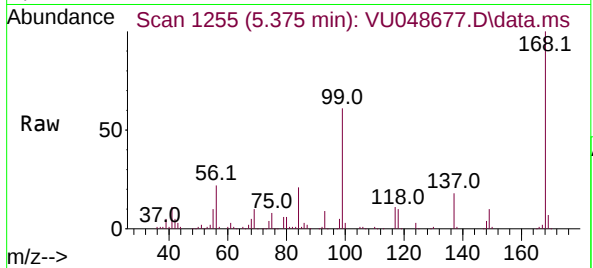




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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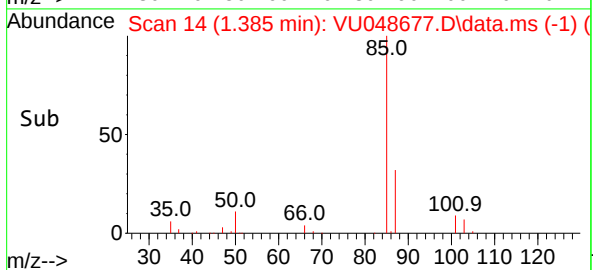
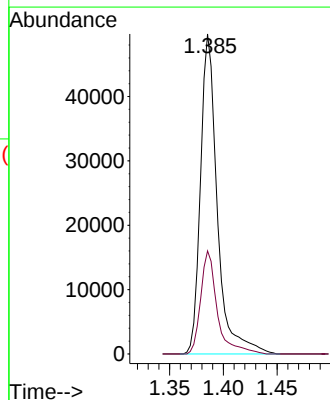
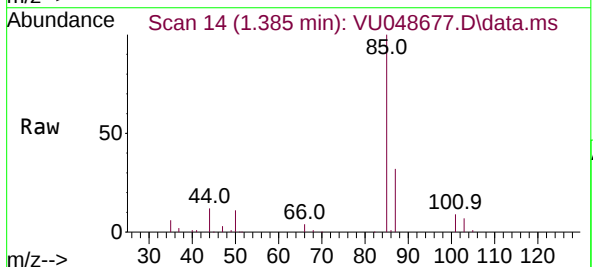
Instrument :
MSVOA_U
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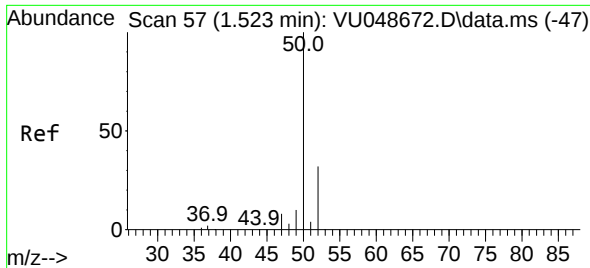
Tgt Ion:168 Resp: 243362
Ion Ratio Lower Upper
168 100
99 60.4 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 19.353 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 85 Resp: 53917
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

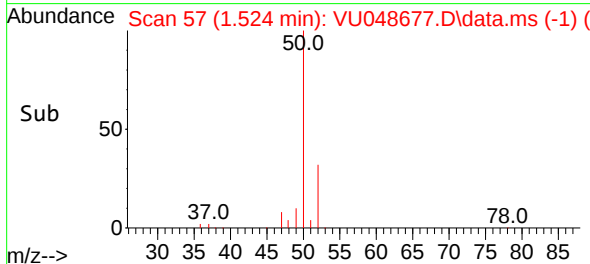
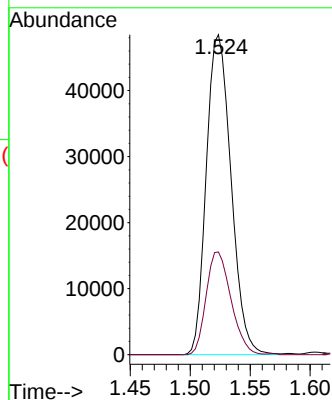
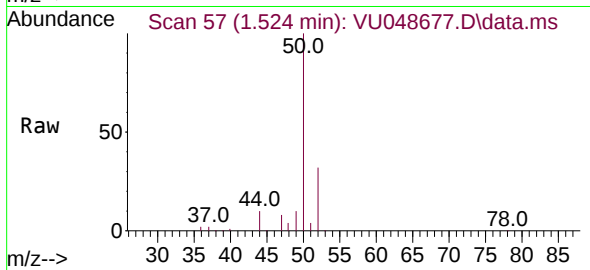




#3
Chloromethane
Concen: 19.404 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

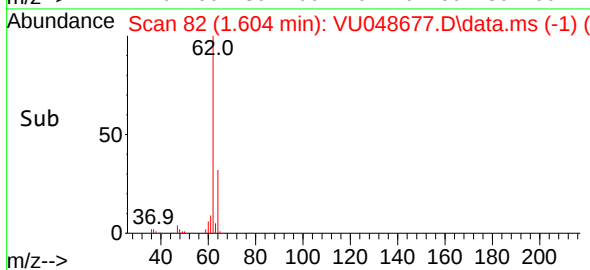
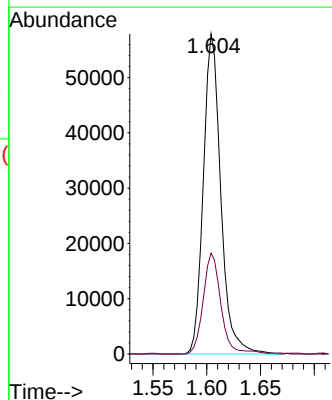
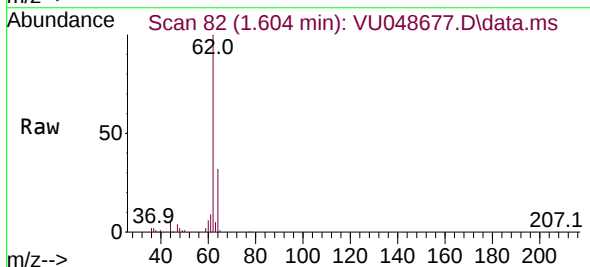
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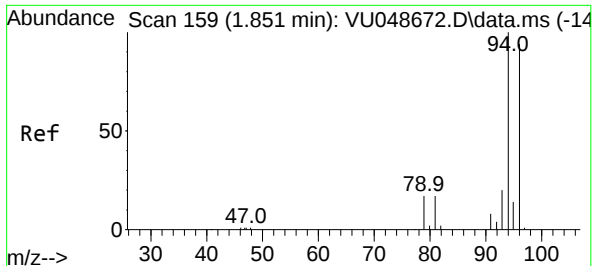
Tgt Ion: 50 Resp: 69590
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5



#4
Vinyl Chloride
Concen: 19.695 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 62 Resp: 65422
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

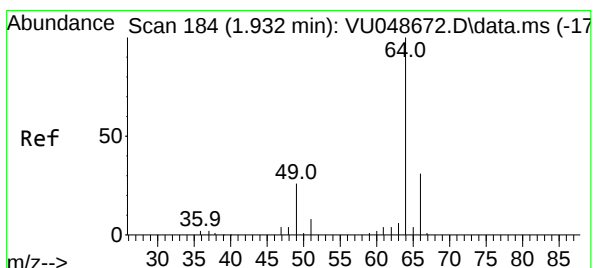
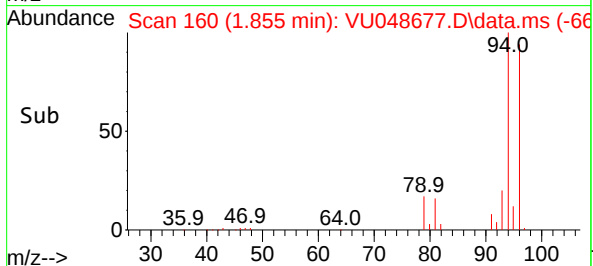
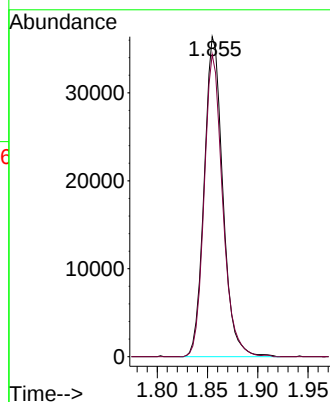
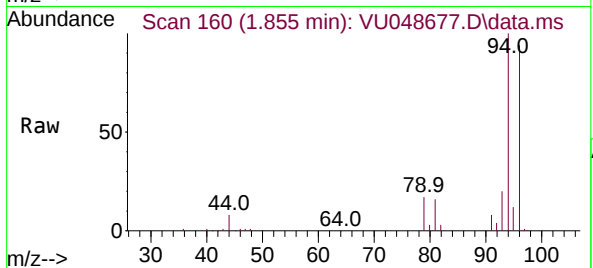




#5
Bromomethane
Concen: 22.678 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

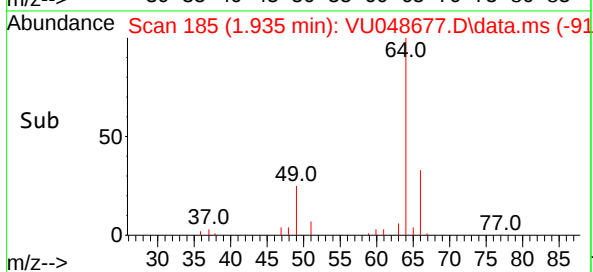
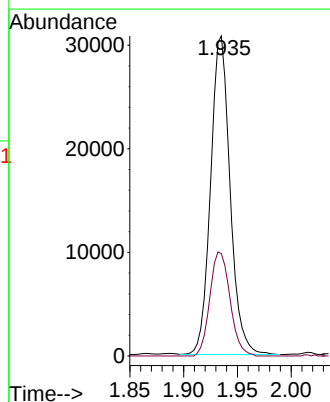
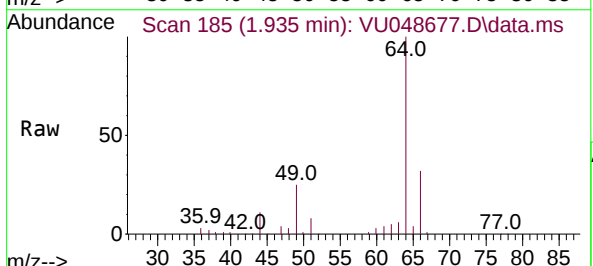
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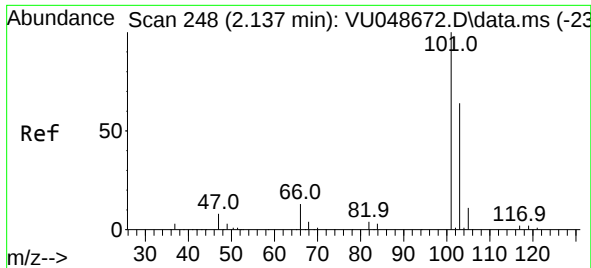
Tgt Ion: 94 Resp: 47006
Ion Ratio Lower Upper
94 100
96 94.5 75.1 112.7



#6
Chloroethane
Concen: 18.744 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048677.D
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Tgt Ion: 64 Resp: 38789
Ion Ratio Lower Upper
64 100
66 32.2 25.2 37.8

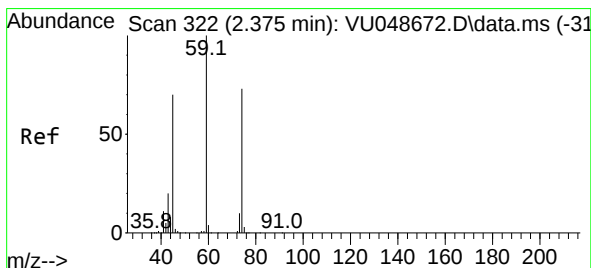
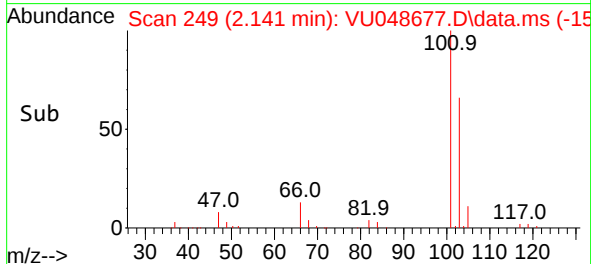
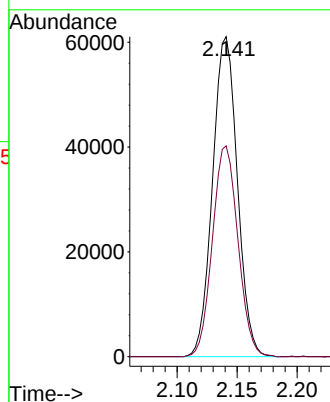
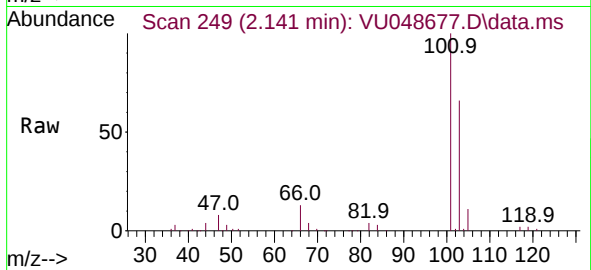




#7
Trichlorofluoromethane
Concen: 18.521 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

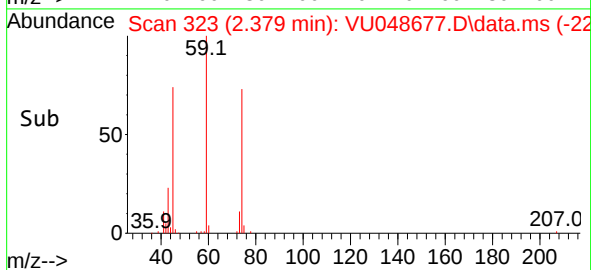
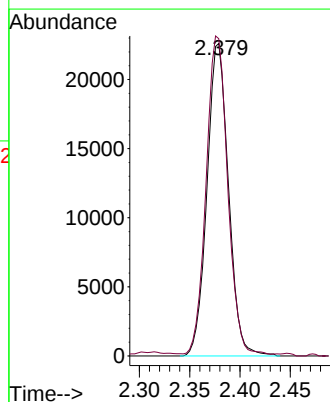
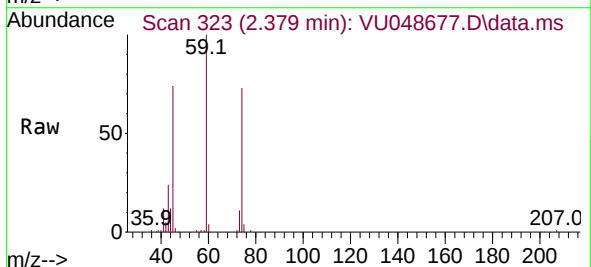
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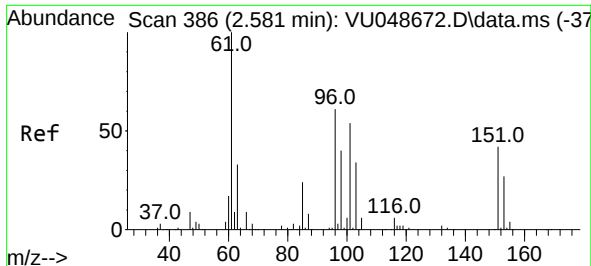
Tgt Ion:101 Resp: 87866
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4



#8
Diethyl Ether
Concen: 19.199 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 33611
Ion Ratio Lower Upper
74 100
45 101.6 47.7 143.1

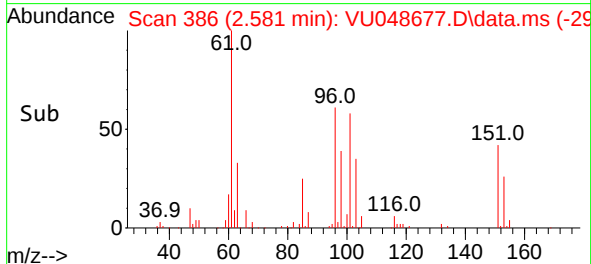
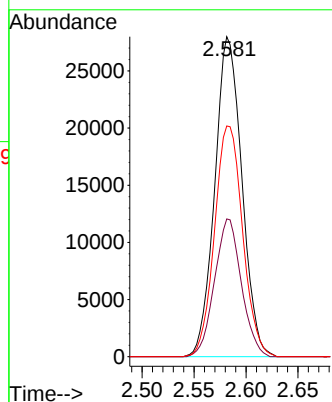
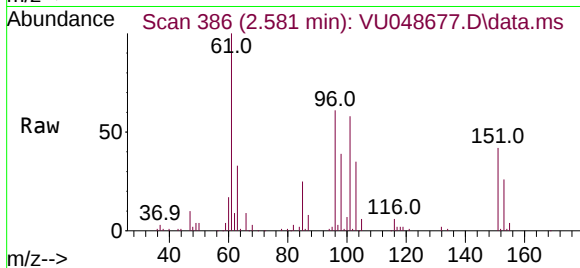




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.562 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
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Acq: 26 May 2022 13:21

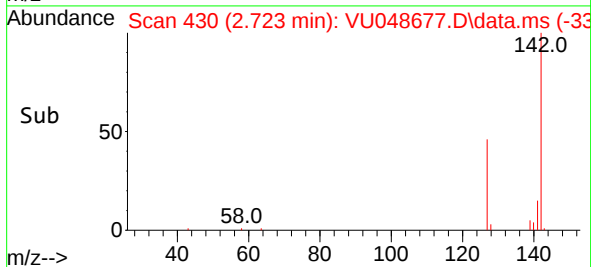
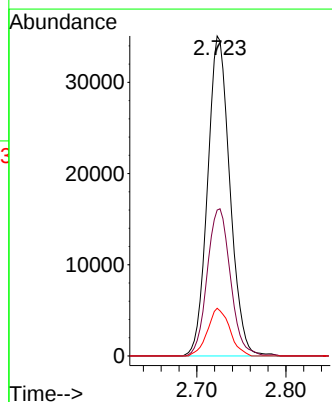
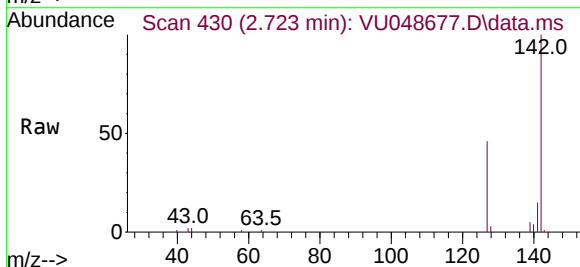
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:	101	Resp:	50798
Ion	Ratio	Lower	Upper
101	100		
85	42.6	35.4	53.2
151	74.7	62.5	93.7



#10
Methyl Iodide
Concen: 17.797 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:	142	Resp:	60947
Ion	Ratio	Lower	Upper
142	100		
127	47.9	38.4	57.6
141	14.9	11.5	17.3

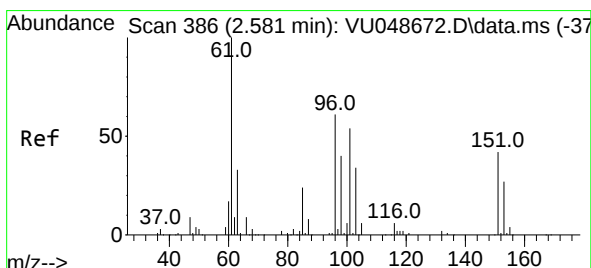
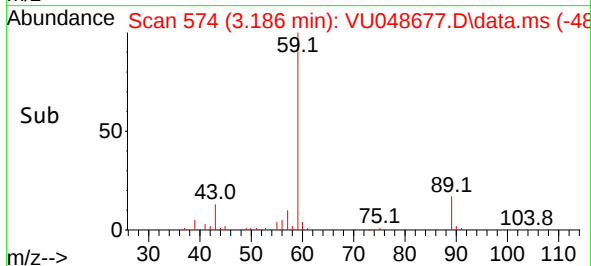
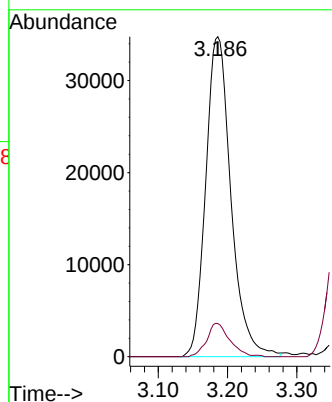
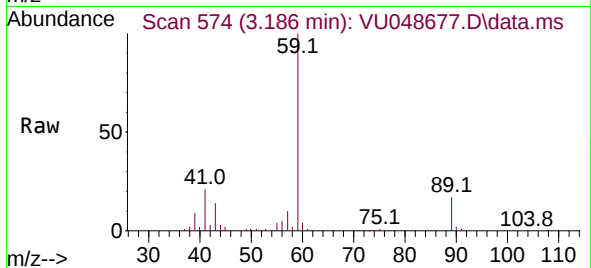




#11
Tert butyl alcohol
Concen: 184.608 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

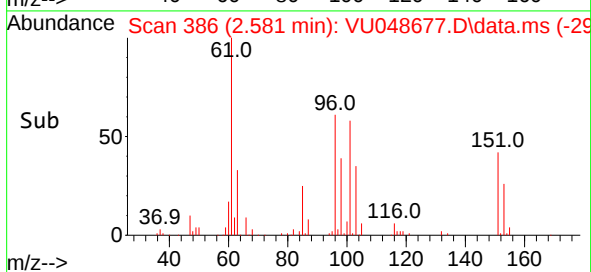
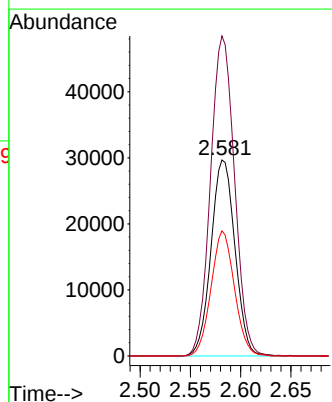
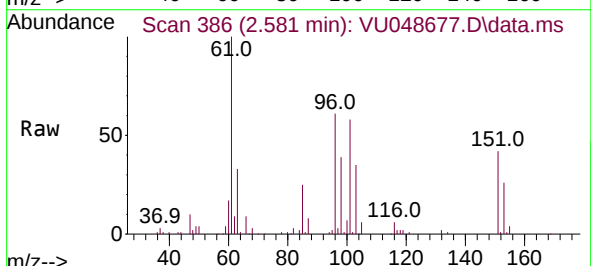
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 87756
Ion Ratio Lower Upper
59 100
57 9.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 19.865 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 96 Resp: 49205
Ion Ratio Lower Upper
96 100
61 163.3 131.1 196.7
98 63.9 51.8 77.8

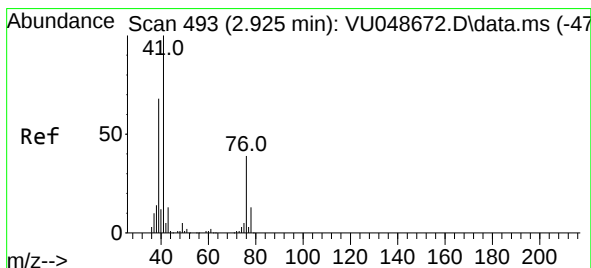
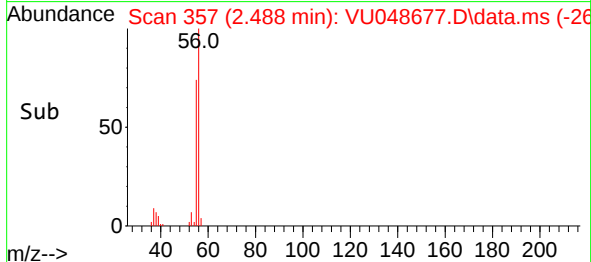
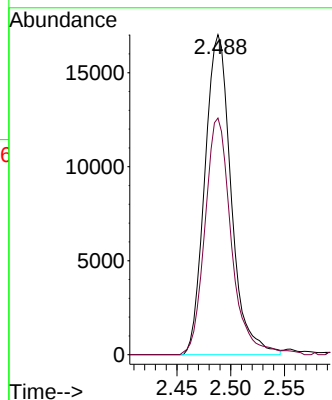
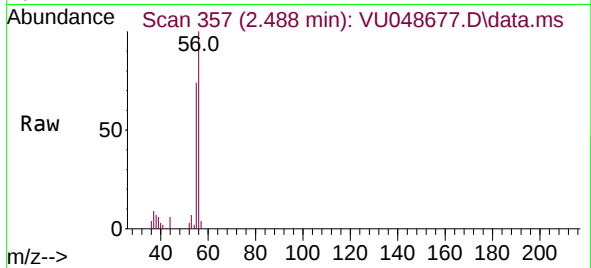




#13
Acrolein
Concen: 81.024 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

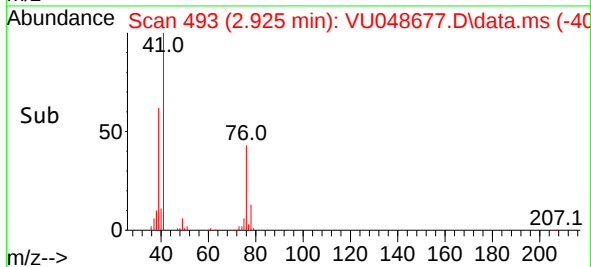
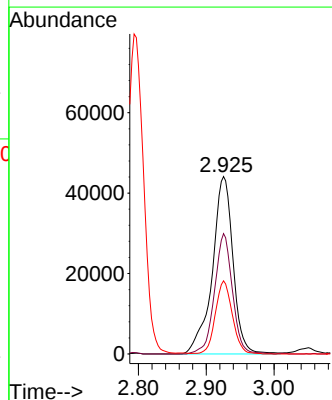
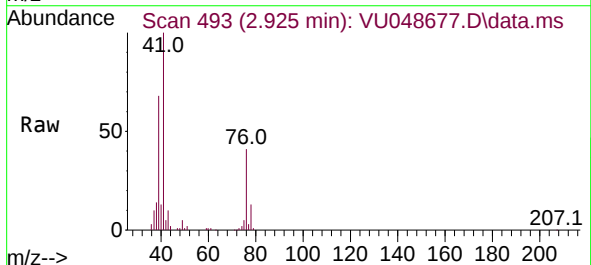
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

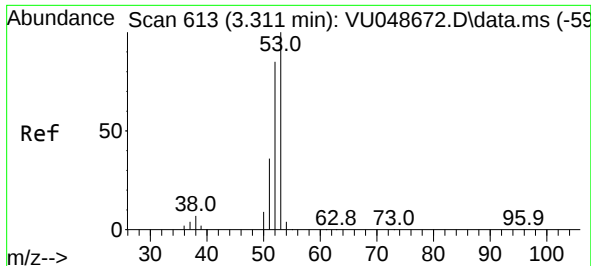
Tgt Ion: 56 Resp: 28945
Ion Ratio Lower Upper
56 100
55 74.4 57.7 86.5



#14
Allyl chloride
Concen: 19.568 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 41 Resp: 93875
Ion Ratio Lower Upper
41 100
39 58.5 48.6 72.8
76 33.6 27.0 40.4

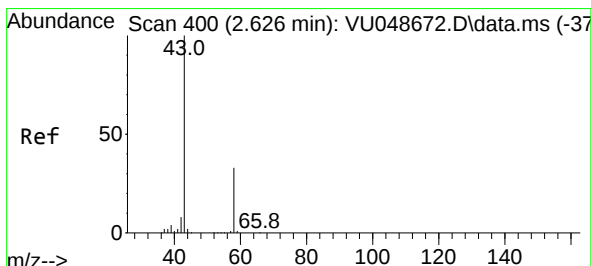
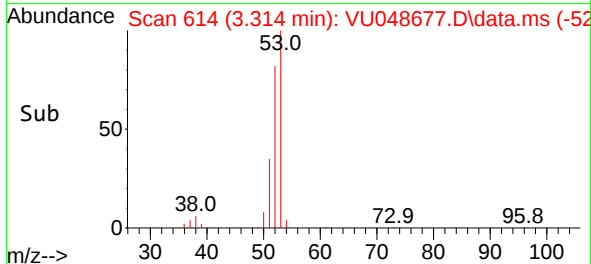
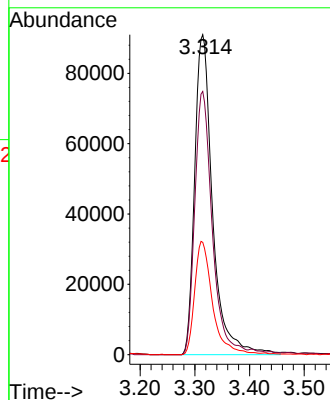
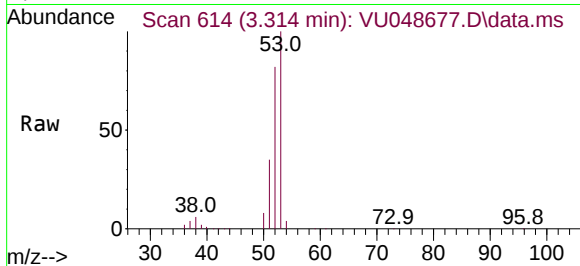




#15
Acrylonitrile
Concen: 103.093 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

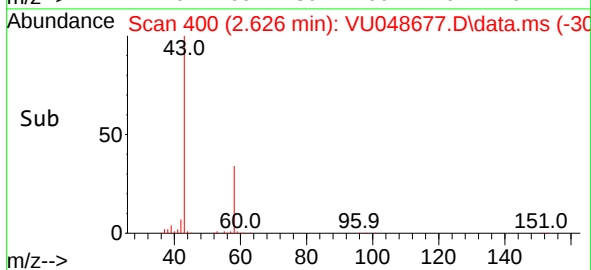
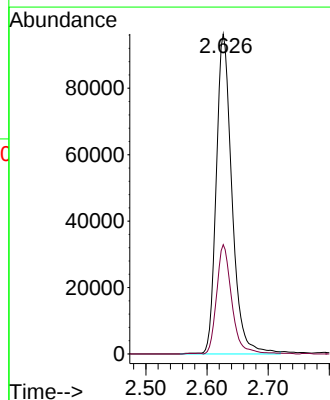
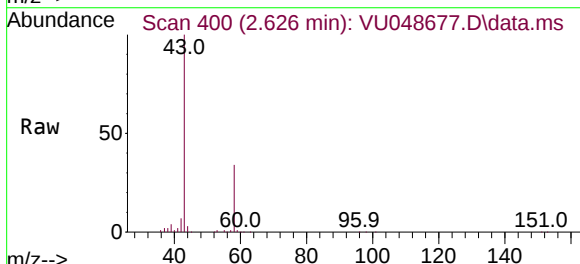
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

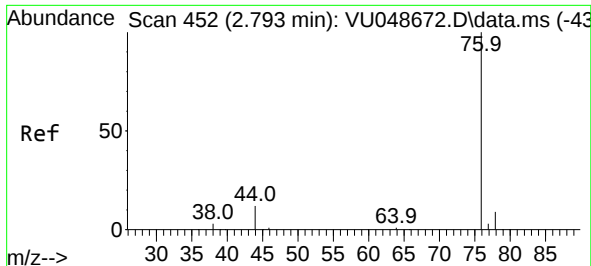
Tgt Ion: 53 Resp: 207179
Ion Ratio Lower Upper
53 100
52 79.9 66.3 99.5
51 35.2 28.6 42.8



#16
Acetone
Concen: 92.409 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 43 Resp: 172121
Ion Ratio Lower Upper
43 100
58 34.2 26.3 39.5

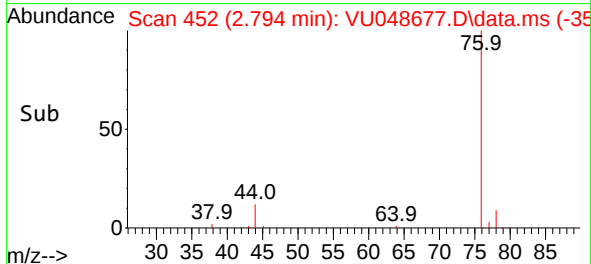
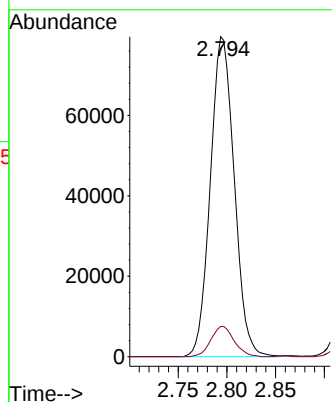
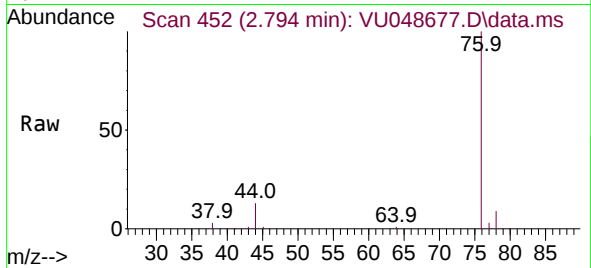




#17
Carbon Disulfide
Concen: 18.801 ug/l
RT: 2.794 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

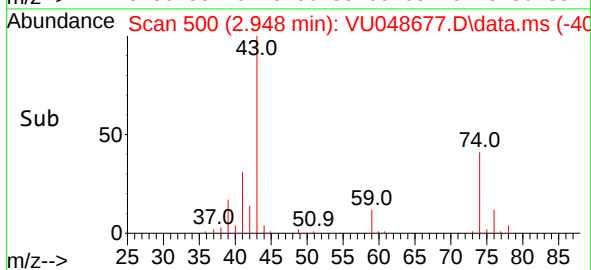
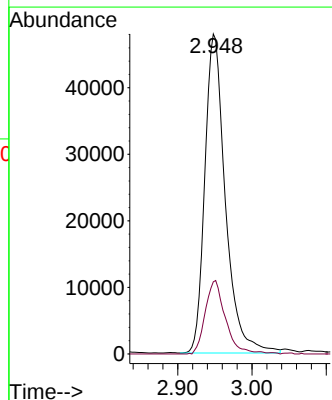
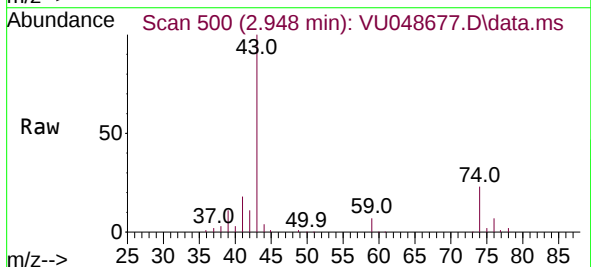
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

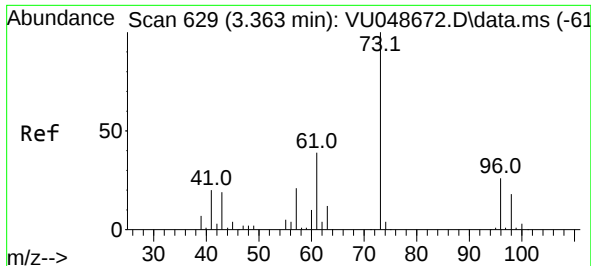
Tgt Ion: 76 Resp: 135947
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 19.720 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 43 Resp: 92221
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.722 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

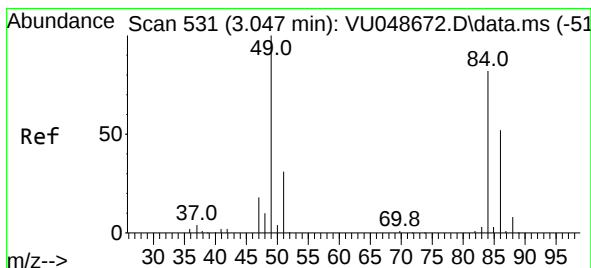
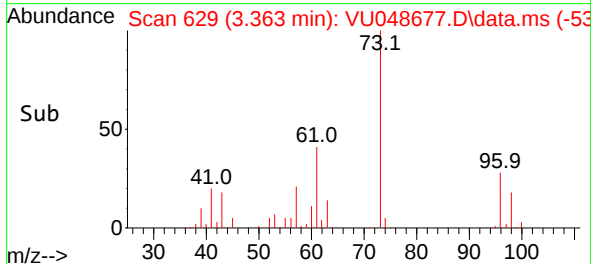
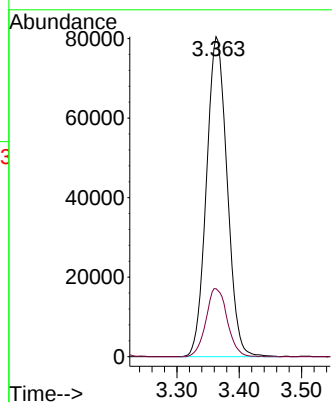
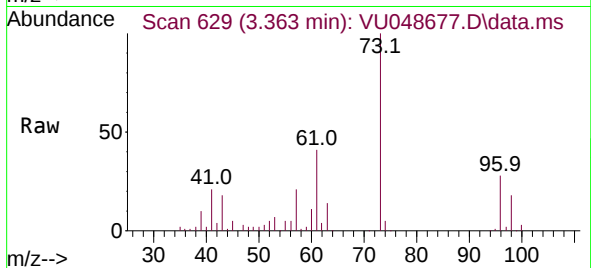
VSTDIC020

Tgt Ion: 73 Resp: 185350

Ion Ratio Lower Upper

73 100

57 21.3 17.1 25.7



#20

Methylene Chloride

Concen: 19.004 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Tgt Ion: 84 Resp: 60194

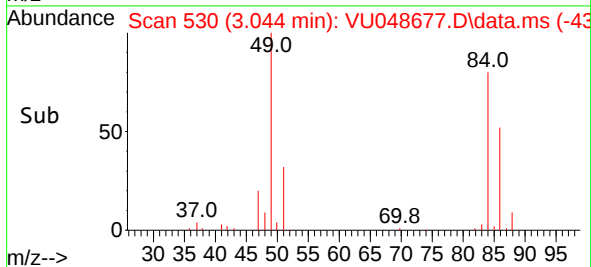
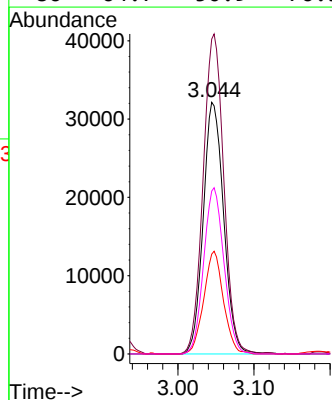
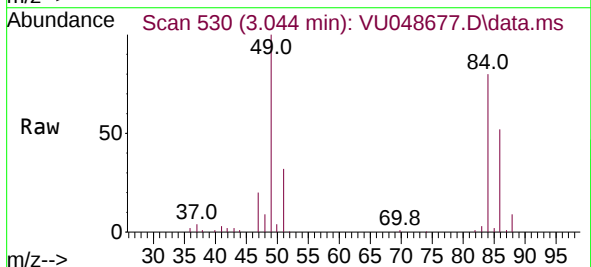
Ion Ratio Lower Upper

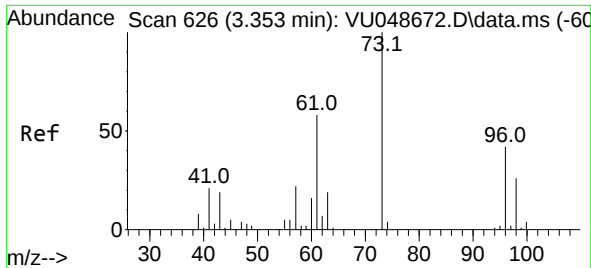
84 100

49 125.1 97.0 145.4

51 39.7 29.8 44.8

86 64.7 50.9 76.3

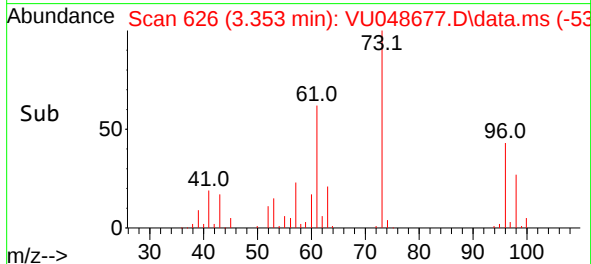
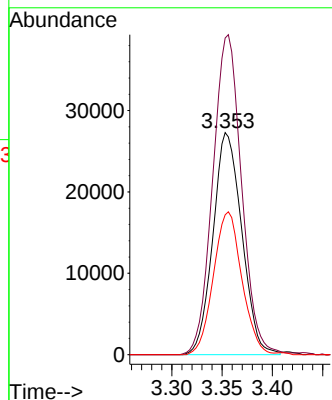
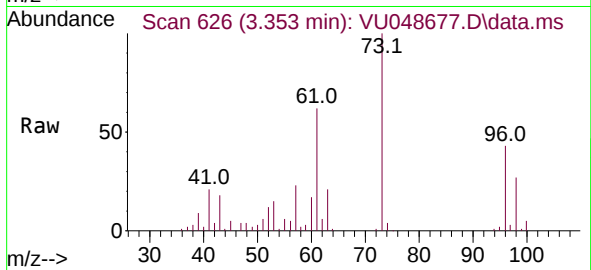




#21
trans-1,2-Dichloroethene
Concen: 19.228 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

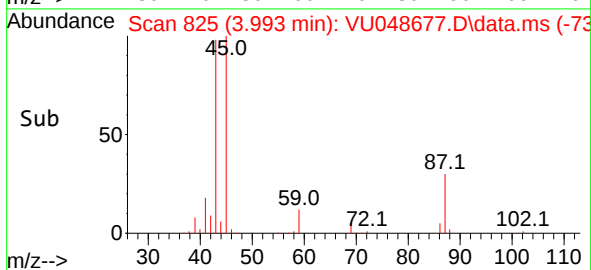
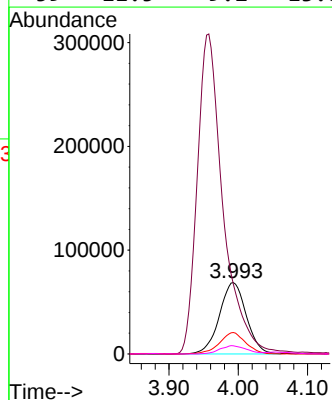
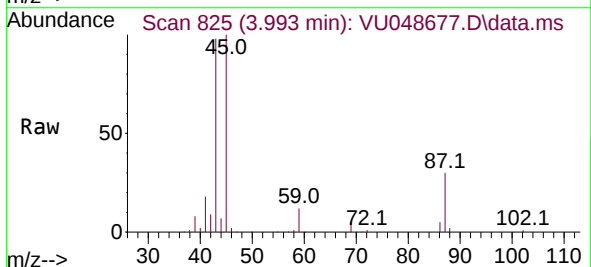
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

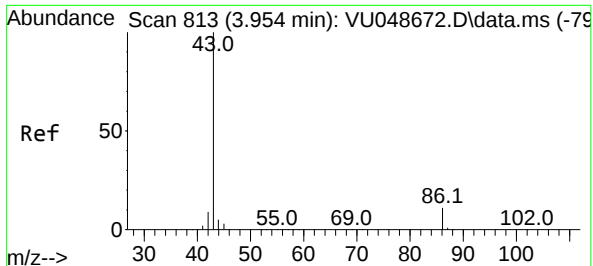
Tgt Ion: 96 Resp: 54480
Ion Ratio Lower Upper
96 100
61 142.5 109.4 164.2
98 63.0 48.9 73.3



#22
Diisopropyl ether
Concen: 20.978 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 45 Resp: 185644
Ion Ratio Lower Upper
45 100
43 95.7 65.2 97.8
87 30.1 22.7 34.1
59 11.5 9.2 13.8

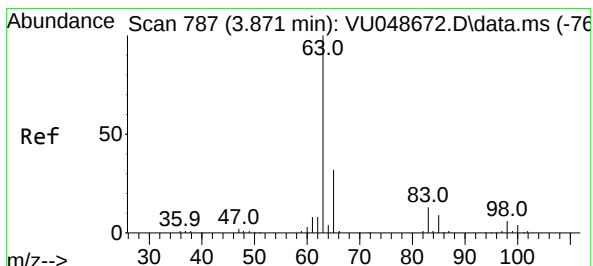
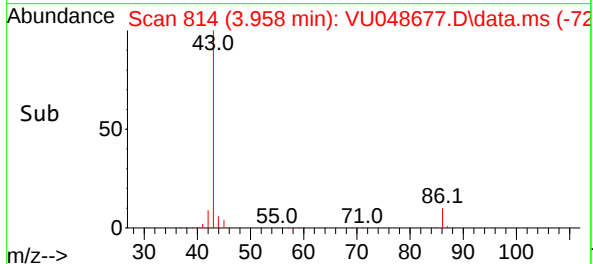
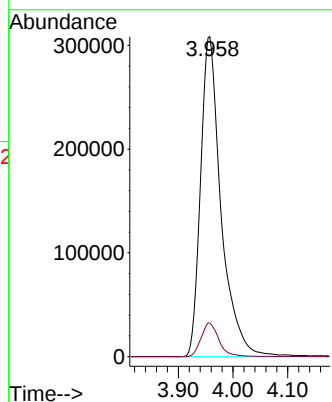
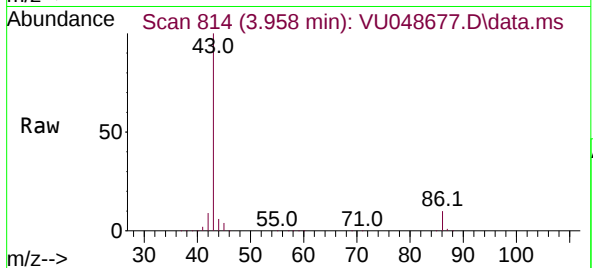




#23
 Vinyl Acetate
 Concen: 104.585 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

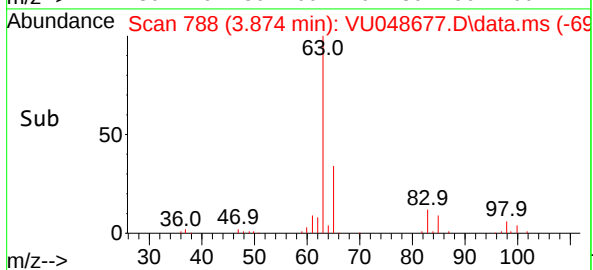
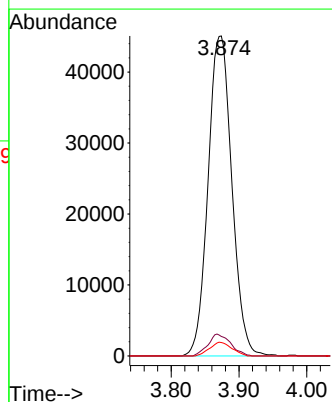
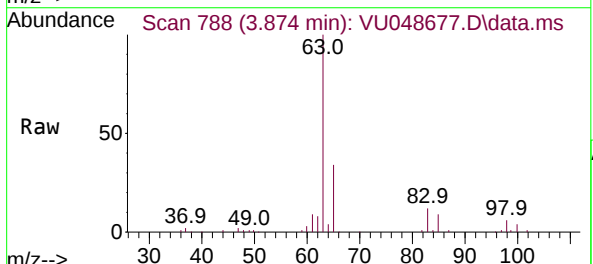
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

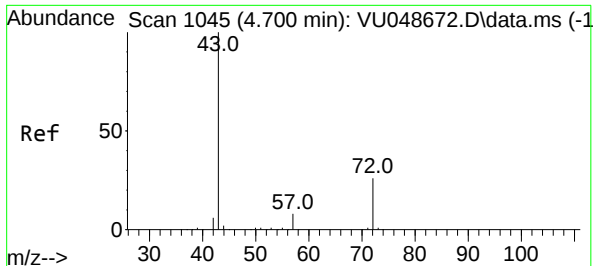
Tgt Ion: 43 Resp: 801875
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.803 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.003 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

Tgt Ion: 63 Resp: 110064
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 102.194 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

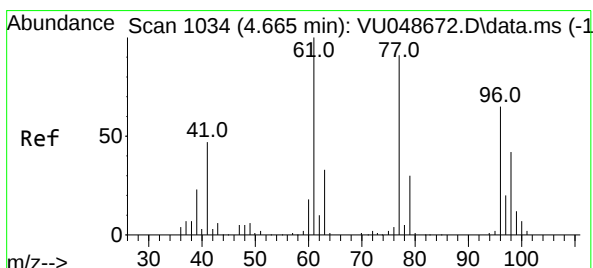
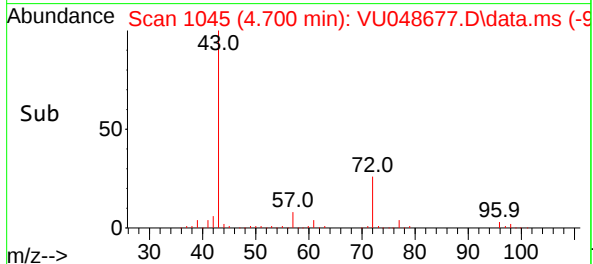
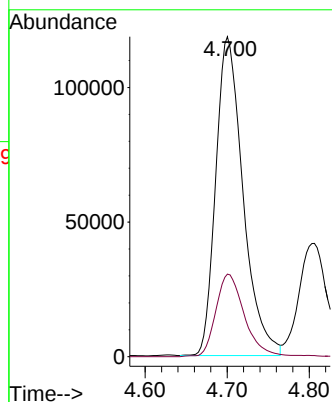
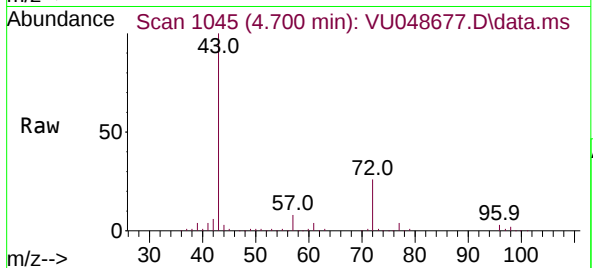
VSTDIC020

Tgt Ion: 43 Resp: 273450

Ion Ratio Lower Upper

43 100

72 25.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 18.442 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048677.D

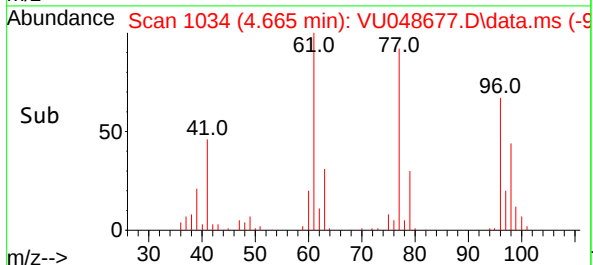
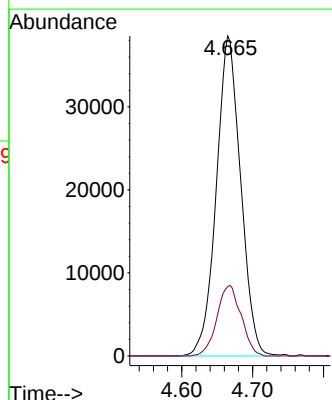
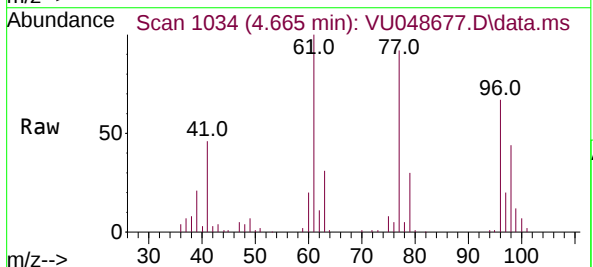
Acq: 26 May 2022 13:21

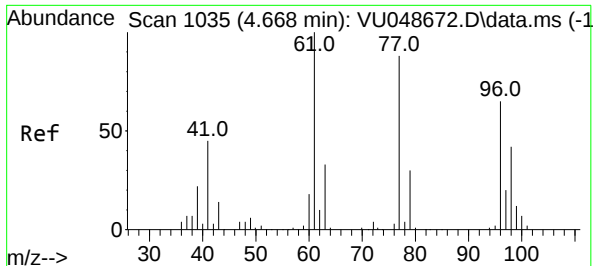
Tgt Ion: 77 Resp: 91955

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.517 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

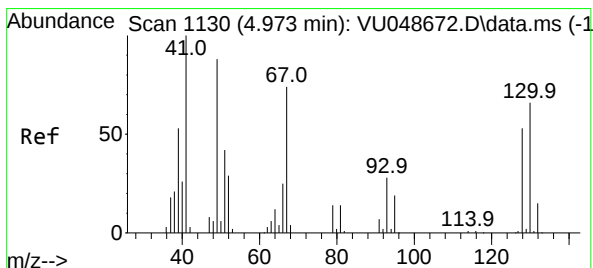
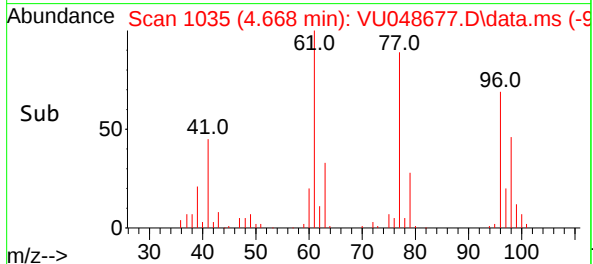
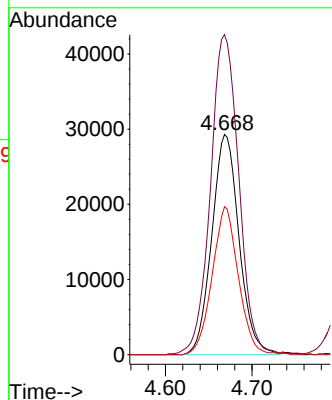
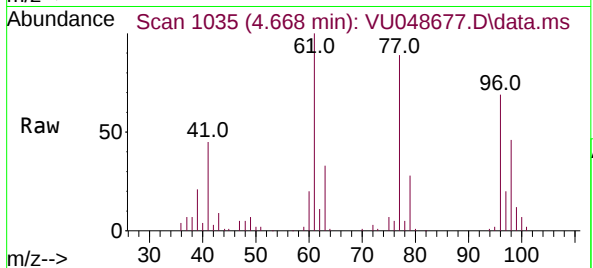
Tgt Ion: 96 Resp: 64006

Ion Ratio Lower Upper

96 100

61 151.2 0.0 306.2

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.251 ug/l

RT: 4.974 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

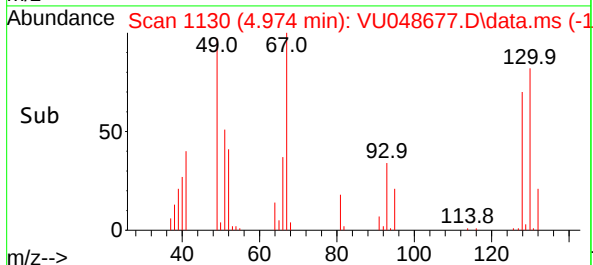
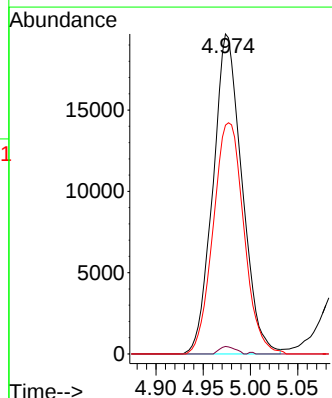
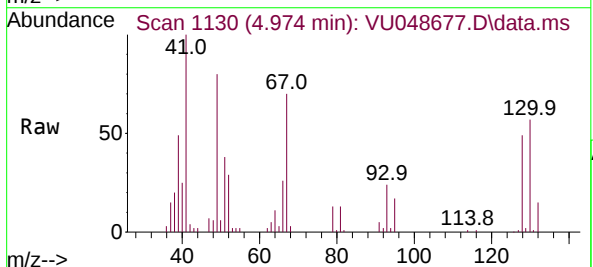
Tgt Ion: 49 Resp: 41968

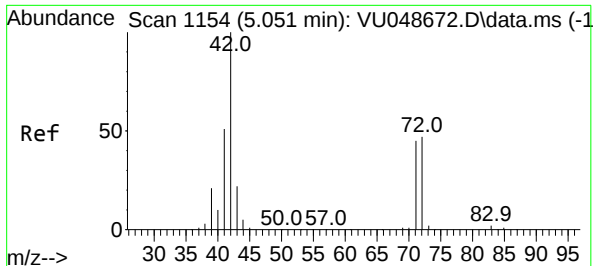
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

130 76.4 62.1 93.1





#29

Tetrahydrofuran

Concen: 102.778 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

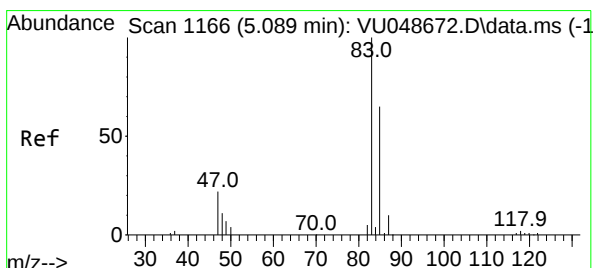
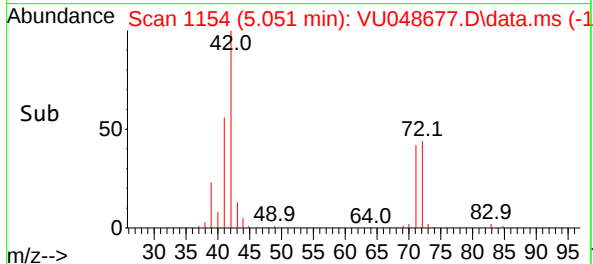
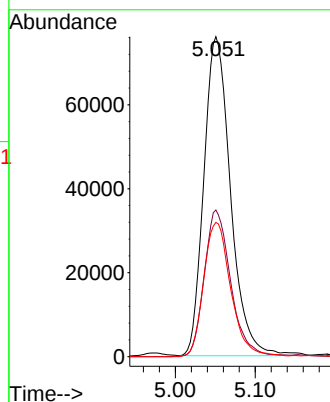
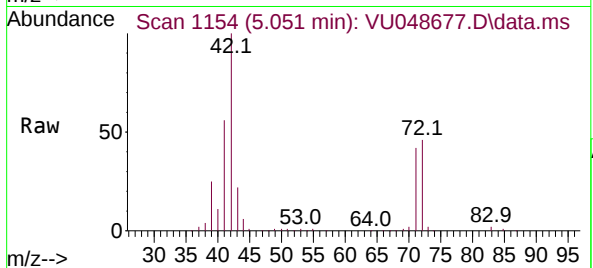
Tgt Ion: 42 Resp: 176038

Ion Ratio Lower Upper

42 100

72 45.8 37.6 56.4

71 42.8 35.0 52.4



#30

Chloroform

Concen: 20.127 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048677.D

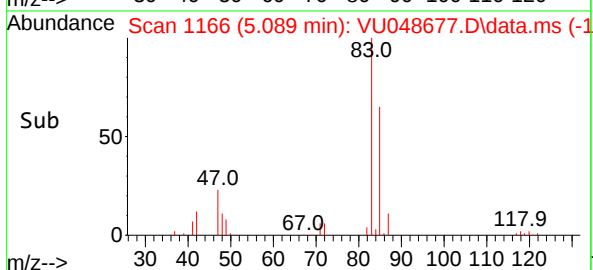
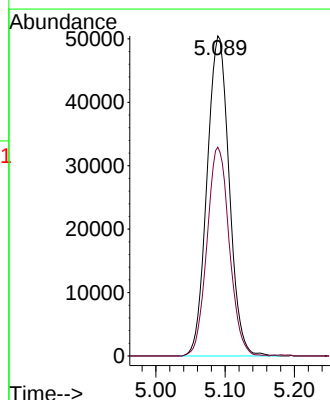
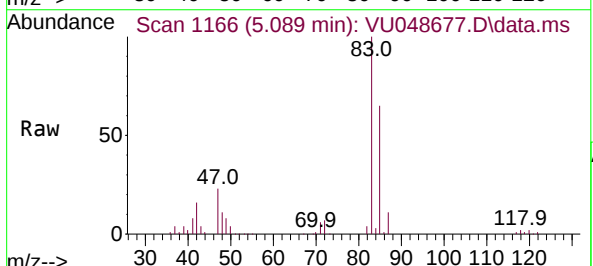
Acq: 26 May 2022 13:21

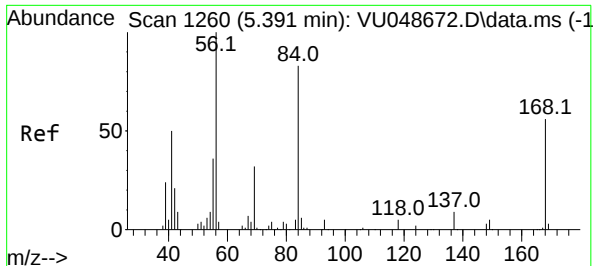
Tgt Ion: 83 Resp: 111929

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.2





#31

Cyclohexane

Concen: 20.044 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

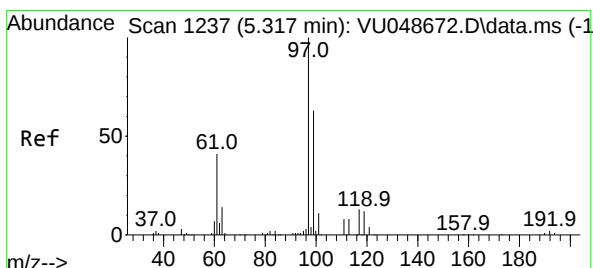
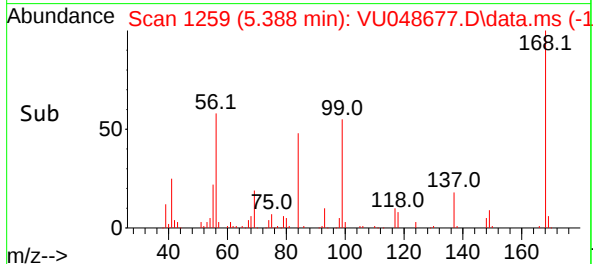
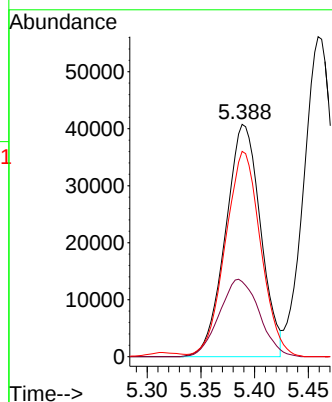
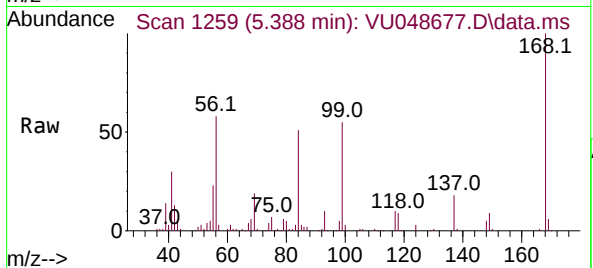
Tgt Ion: 56 Resp: 92320

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 87.2 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 19.668 ug/l

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

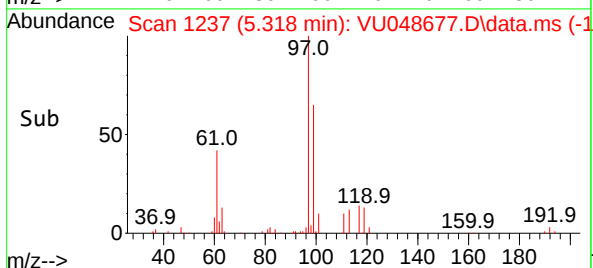
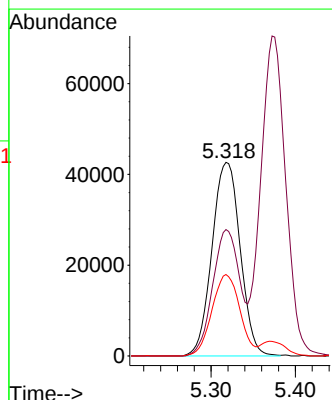
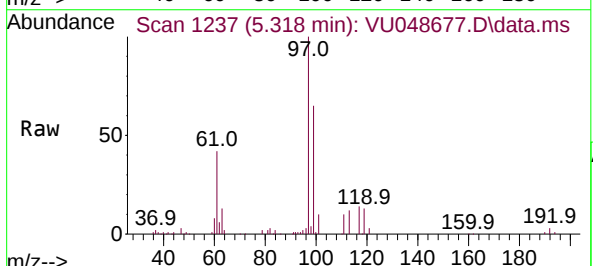
Tgt Ion: 97 Resp: 99229

Ion Ratio Lower Upper

97 100

99 63.1 51.6 77.4

61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 19.296 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

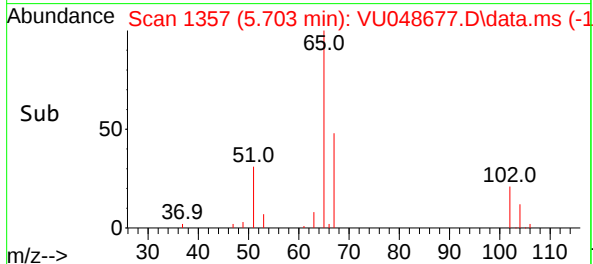
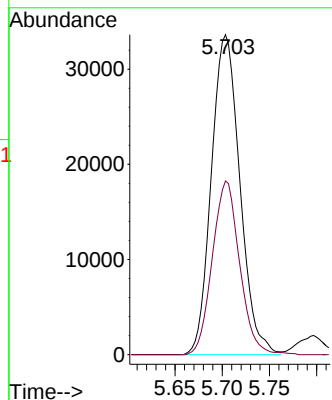
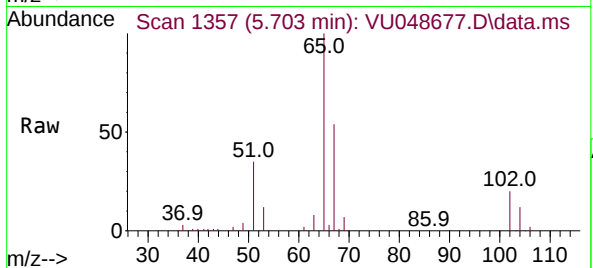
VSTDIC020

Tgt Ion: 65 Resp: 70523

Ion Ratio Lower Upper

65 100

67 52.1 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: VU048677.D

Acq: 26 May 2022 13:21

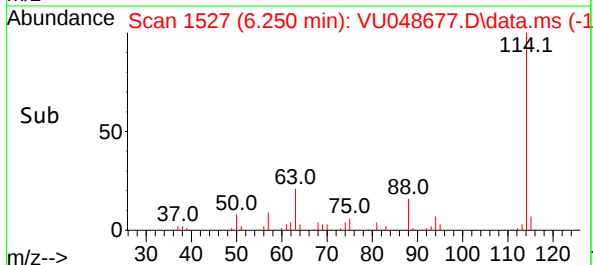
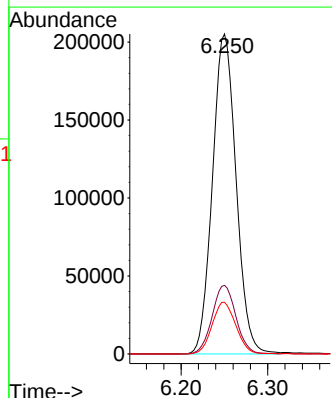
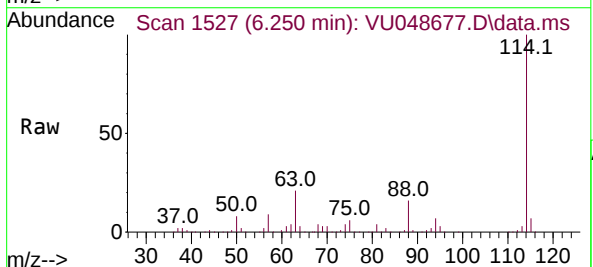
Tgt Ion: 114 Resp: 389362

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.1 0.0 32.2

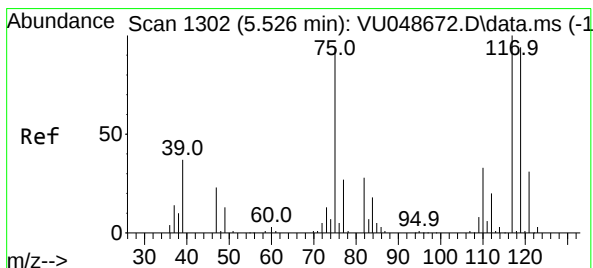
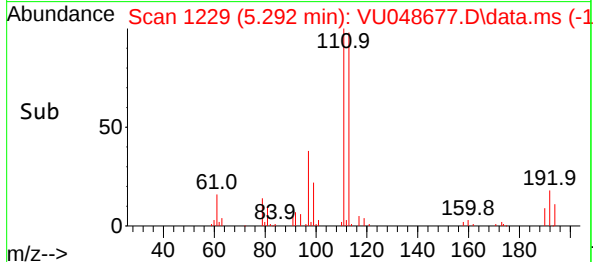
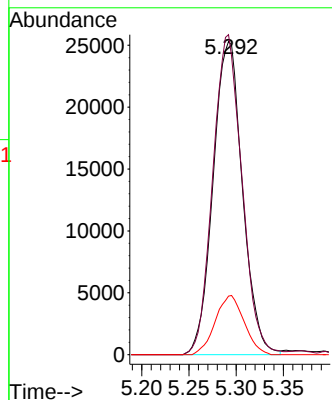
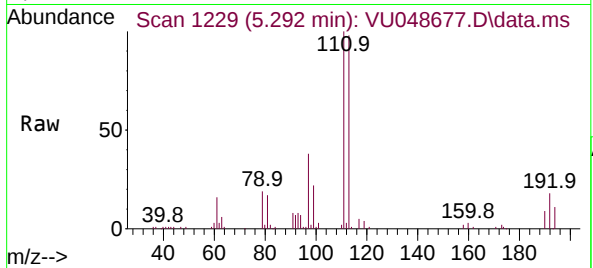




#35
Dibromofluoromethane
Concen: 19.674 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

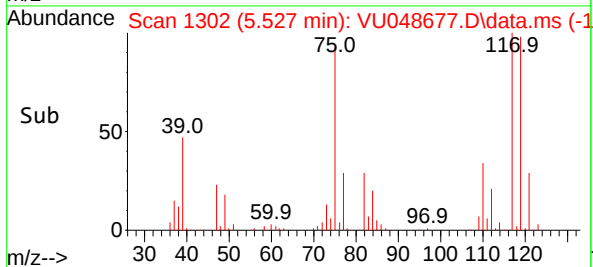
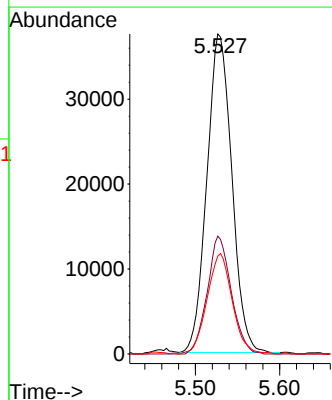
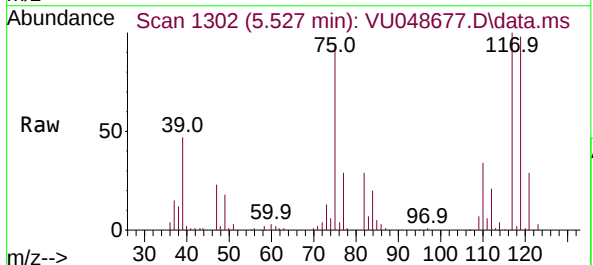
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

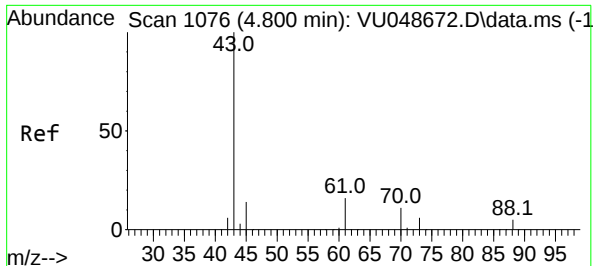
Tgt Ion:113 Resp: 54650
Ion Ratio Lower Upper
113 100
111 101.2 80.7 121.1
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.047 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 75 Resp: 77218
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 19.080 ug/l

RT: 4.806 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

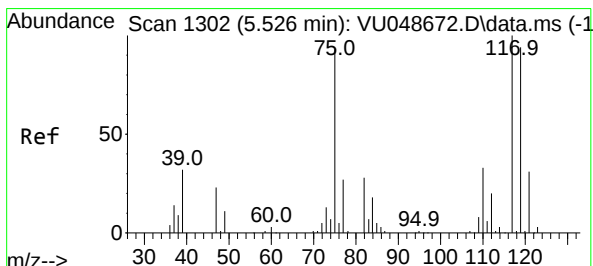
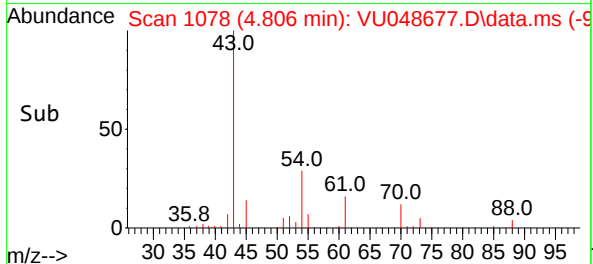
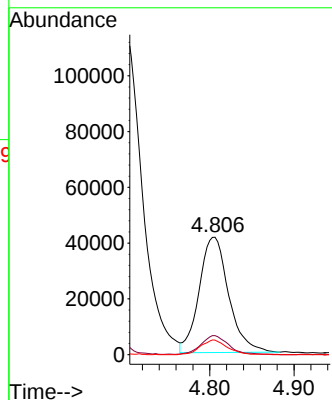
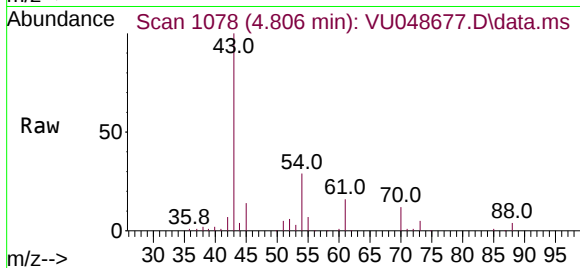
Tgt Ion: 43 Resp: 100838

Ion Ratio Lower Upper

43 100

61 15.6 11.7 17.5

70 11.5 8.4 12.6



#38

Carbon Tetrachloride

Concen: 18.909 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

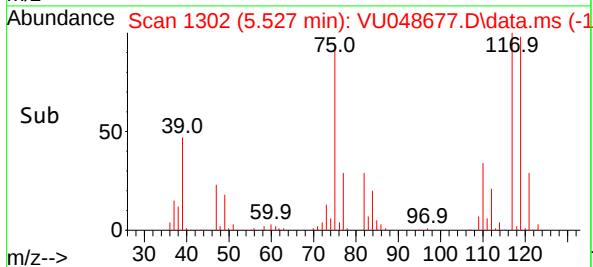
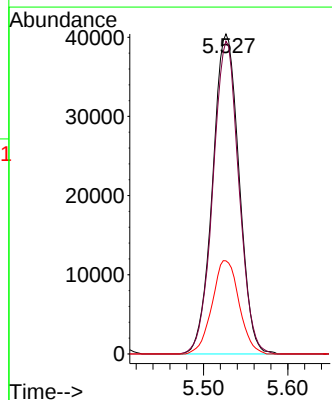
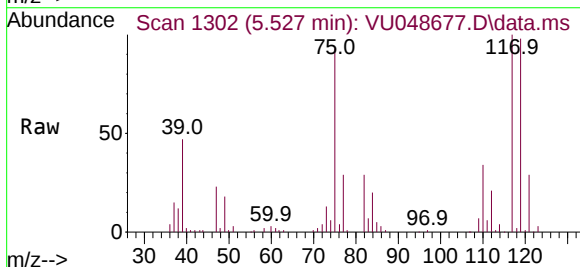
Tgt Ion: 117 Resp: 87947

Ion Ratio Lower Upper

117 100

119 97.8 75.4 113.2

121 29.1 24.6 36.8





#39

Methylcyclohexane

Concen: 19.771 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

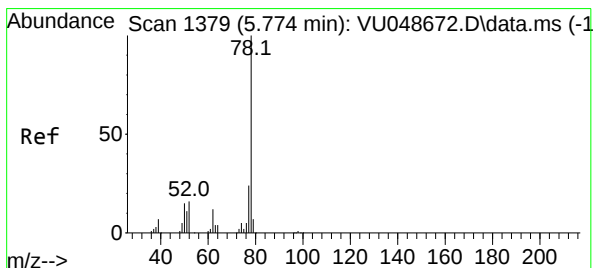
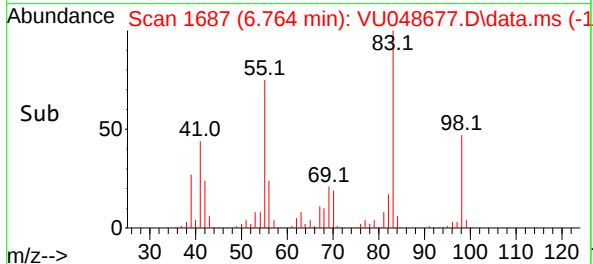
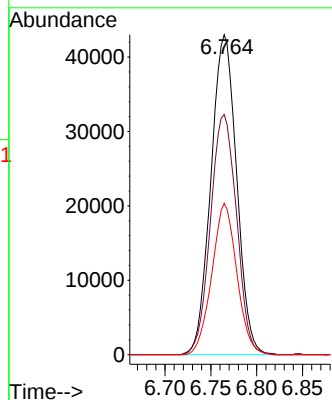
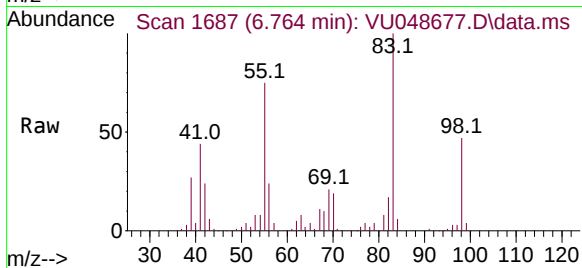
Tgt Ion: 83 Resp: 84046

Ion Ratio Lower Upper

83 100

55 75.0 61.0 91.6

98 47.3 36.8 55.2



#40

Benzene

Concen: 19.639 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048677.D

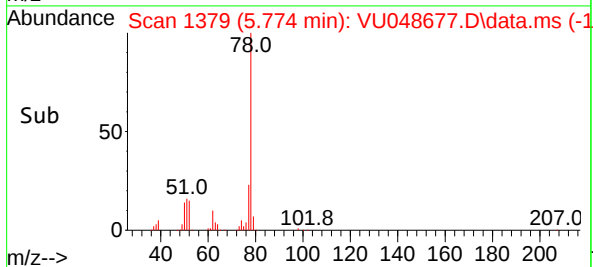
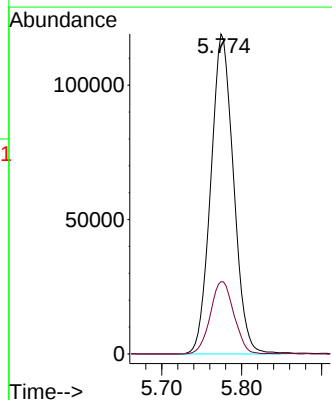
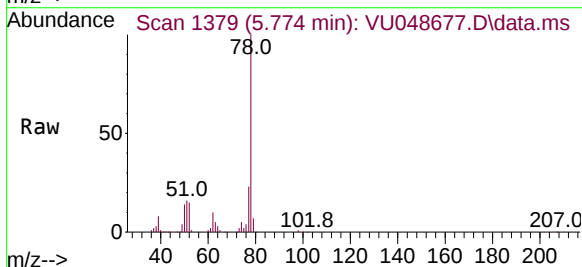
Acq: 26 May 2022 13:21

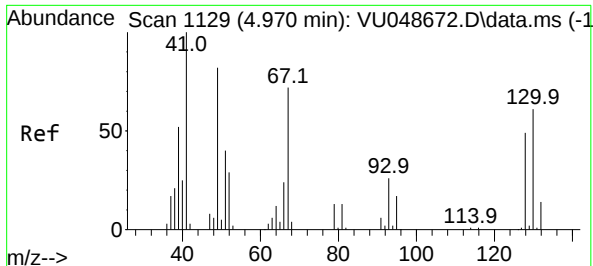
Tgt Ion: 78 Resp: 235063

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

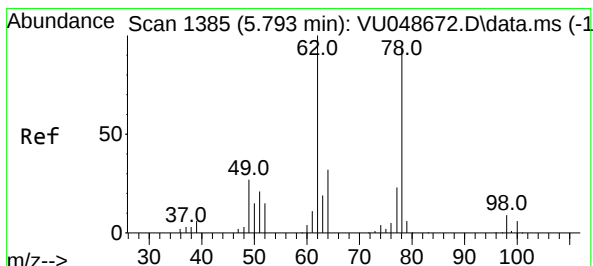
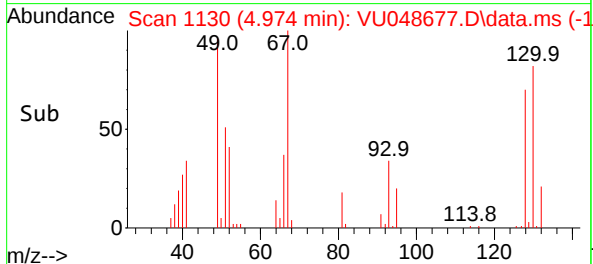
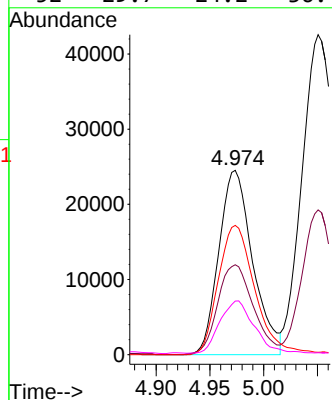
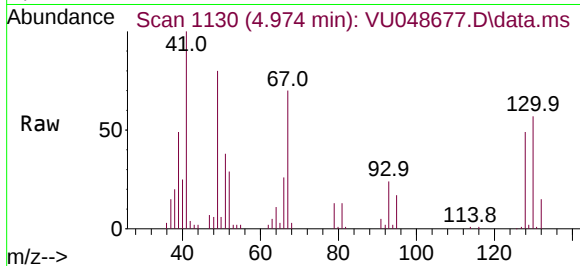




#41
Methacrylonitrile
Concen: 20.752 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

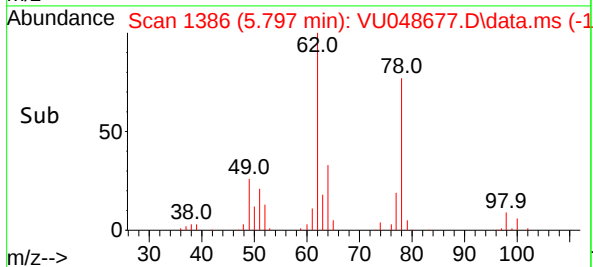
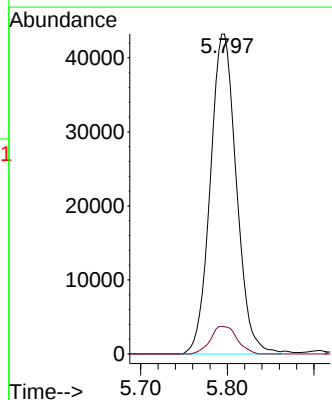
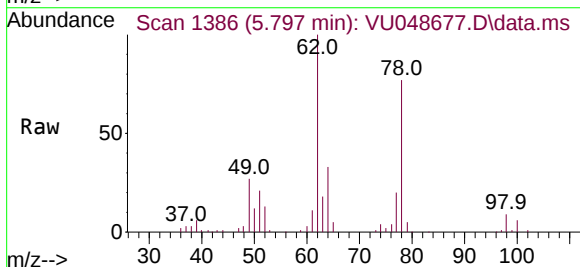
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

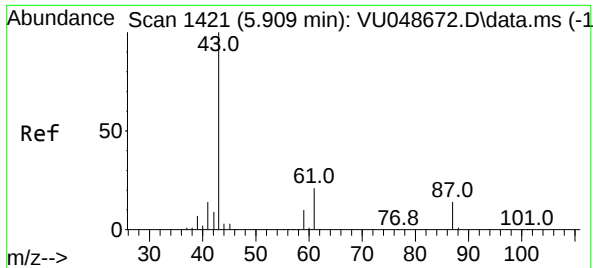
Tgt Ion: 41	Resp: 53745
Ion Ratio	Lower Upper
41 100	
39 51.5	42.6 64.0
67 75.9	61.0 91.4
52 29.7	24.2 36.4



#42
1,2-Dichloroethane
Concen: 19.306 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 62	Resp: 90454
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 17.0

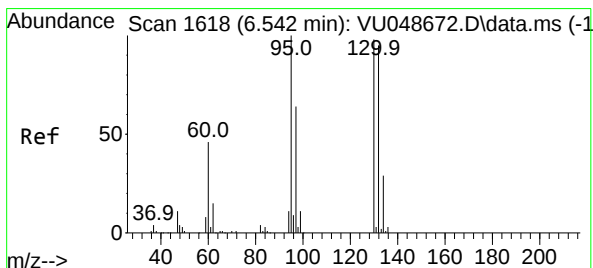
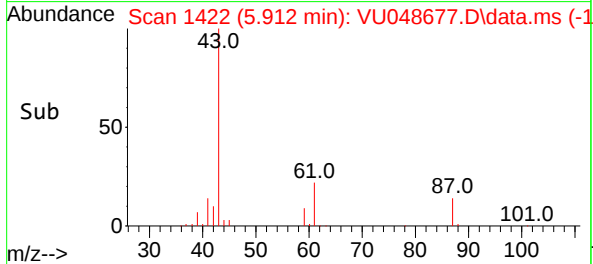
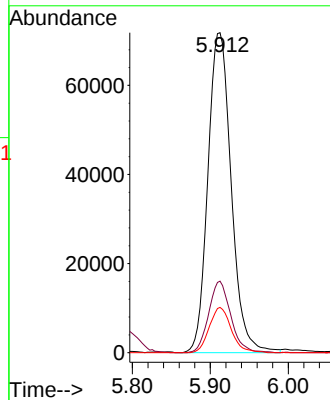
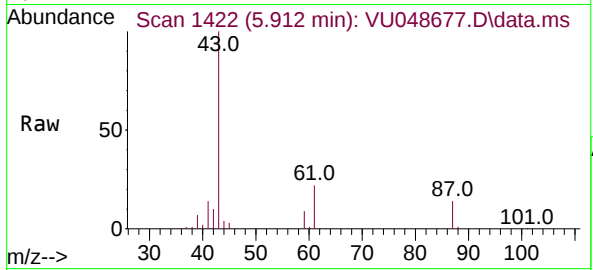




#43
Isopropyl Acetate
Concen: 20.085 ug/l
RT: 5.912 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

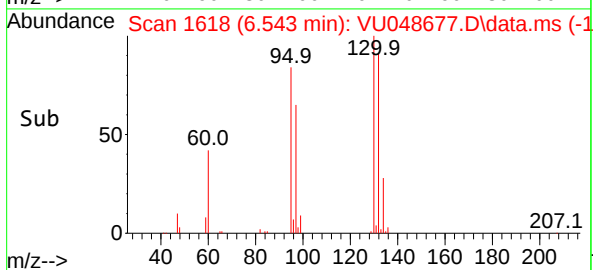
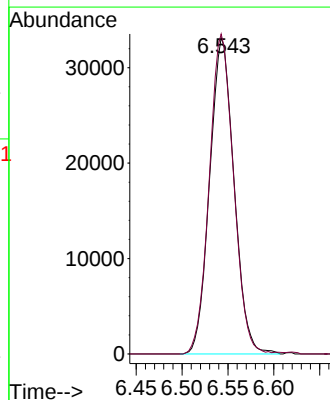
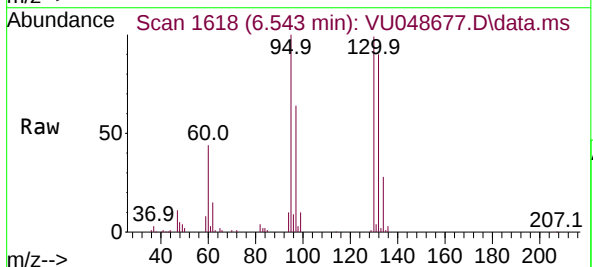
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

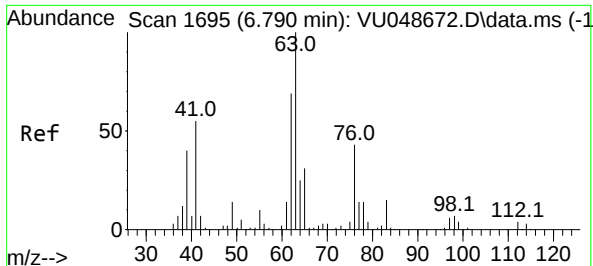
Tgt Ion: 43 Resp: 149408
Ion Ratio Lower Upper
43 100
61 21.1 16.7 25.1
87 13.3 10.9 16.3



#44
Trichloroethene
Concen: 19.798 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 130 Resp: 61048
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.637 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

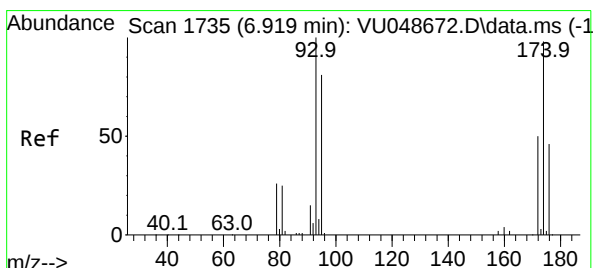
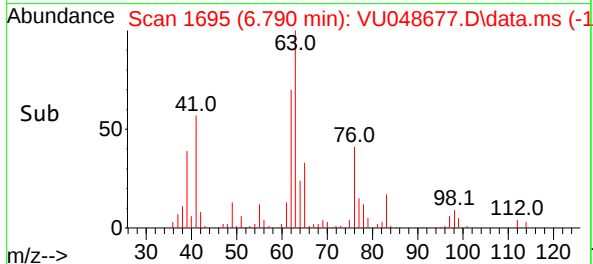
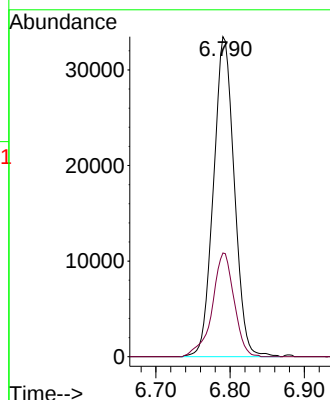
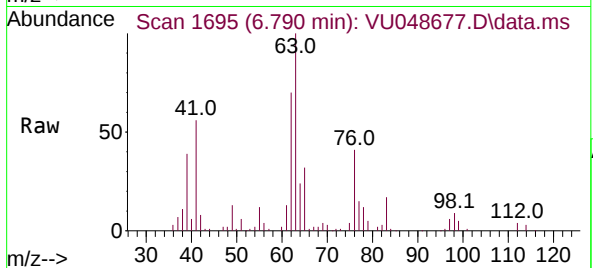
VSTDICC020

Tgt Ion: 63 Resp: 65196

Ion Ratio Lower Upper

63 100

65 32.4 24.8 37.2



#46

Dibromomethane

Concen: 20.142 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

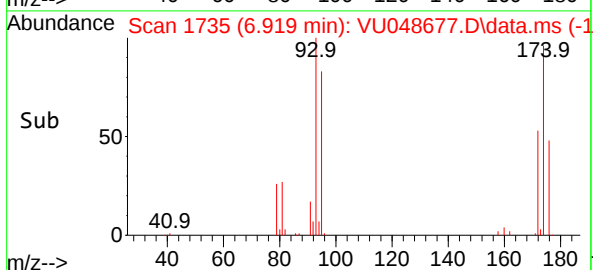
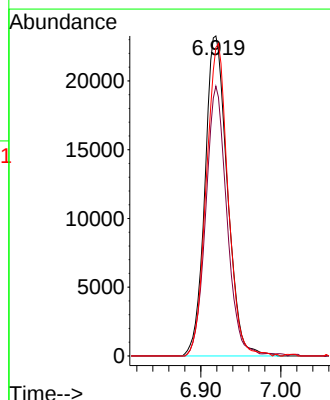
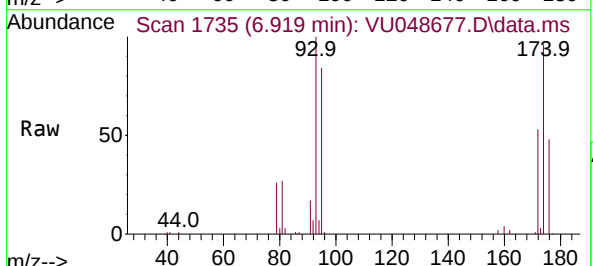
Tgt Ion: 93 Resp: 45343

Ion Ratio Lower Upper

93 100

95 79.2 65.1 97.7

174 94.6 77.8 116.6

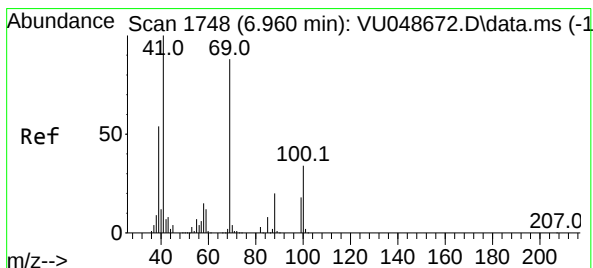
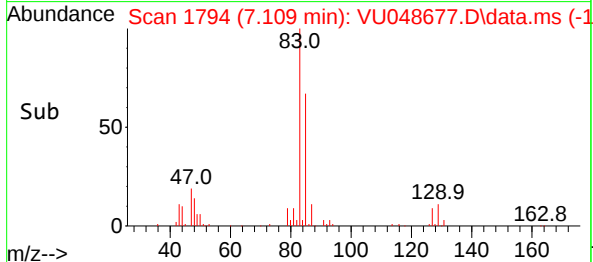
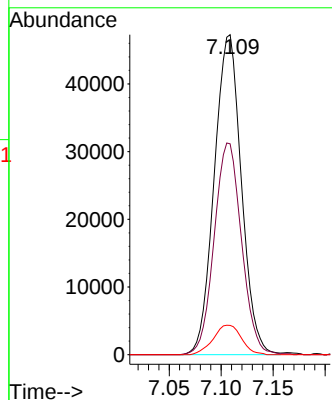
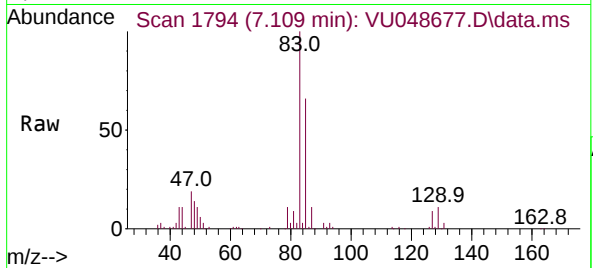




#47
Bromodichloromethane
Concen: 18.849 ug/l
RT: 7.109 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

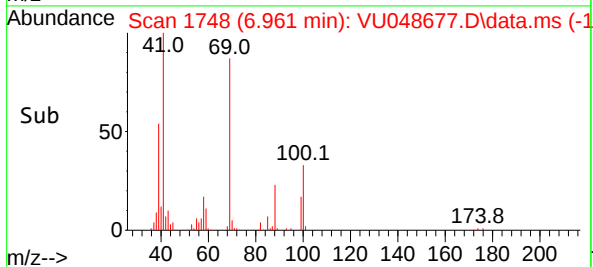
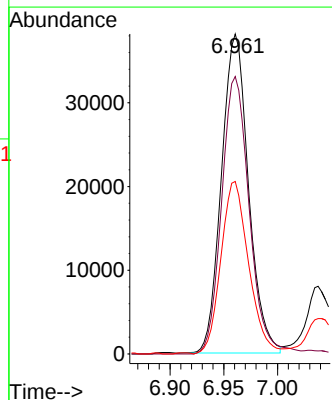
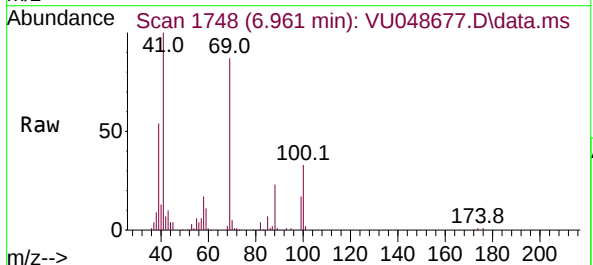
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 85810
Ion Ratio Lower Upper
83 100
85 65.9 52.1 78.1
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 19.990 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 41 Resp: 66754
Ion Ratio Lower Upper
41 100
69 88.7 70.7 106.1
39 55.4 43.4 65.2





#49

1,4-Dioxane

Concen: 389.642 ug/l

RT: 6.970 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

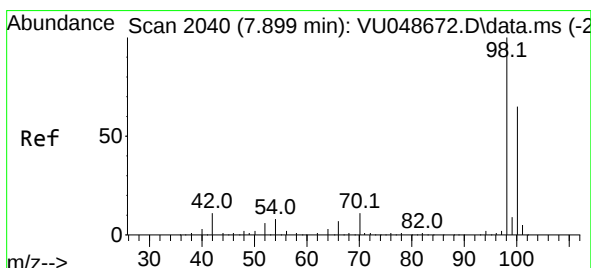
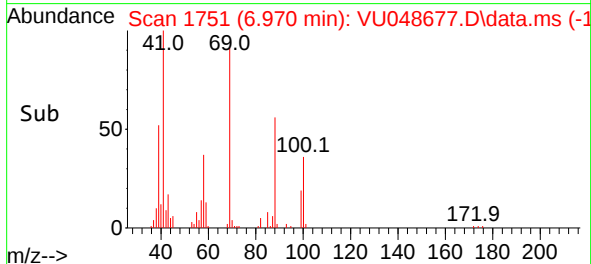
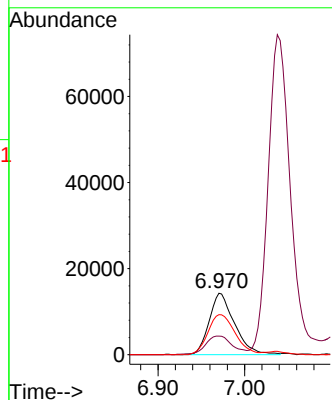
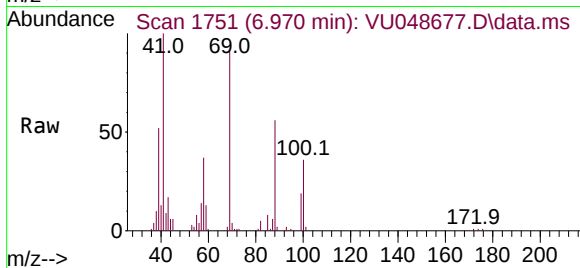
Tgt Ion: 88 Resp: 29087

Ion Ratio Lower Upper

88 100

43 32.2 24.6 36.8

58 70.0 54.7 82.1



#50

Toluene-d8

Concen: 19.730 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048677.D

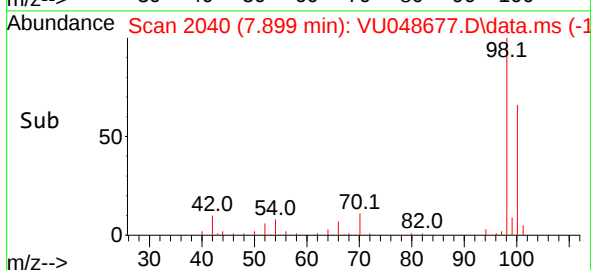
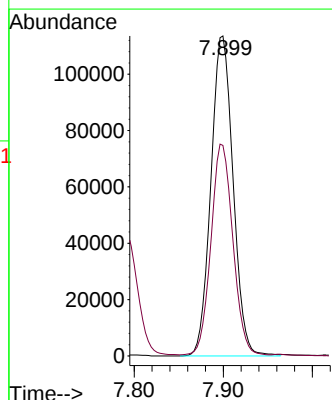
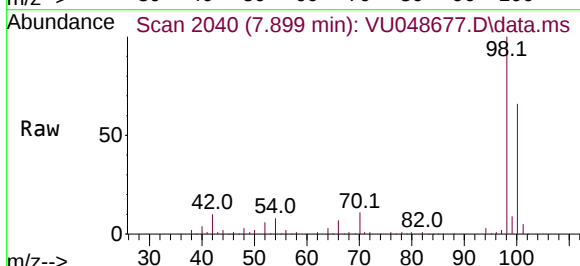
Acq: 26 May 2022 13:21

Tgt Ion: 98 Resp: 196455

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 108.143 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

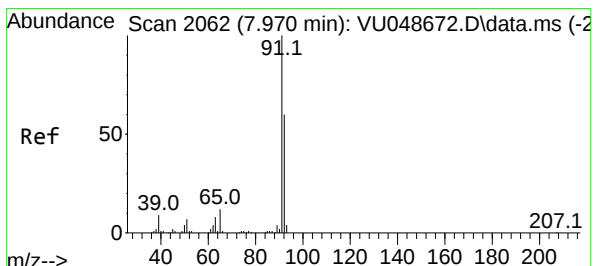
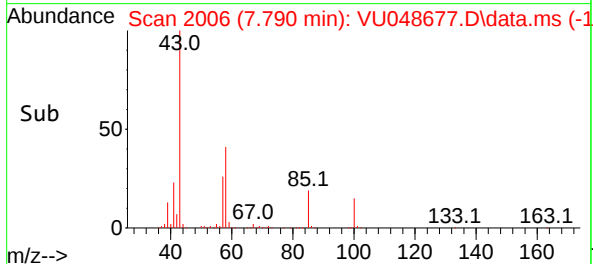
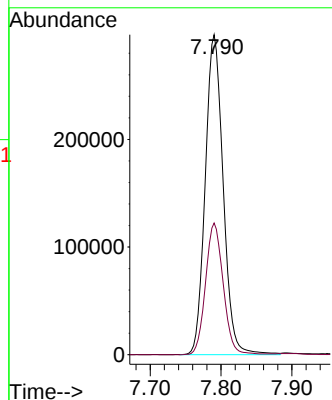
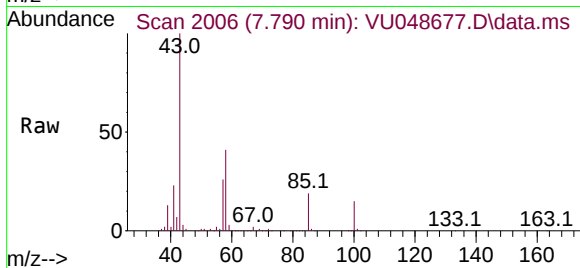
VSTDICC020

Tgt Ion: 43 Resp: 522348

Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1



#52

Toluene

Concen: 20.550 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048677.D

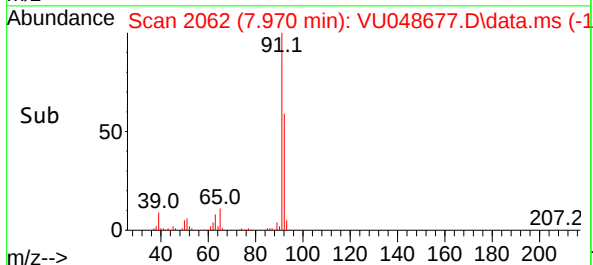
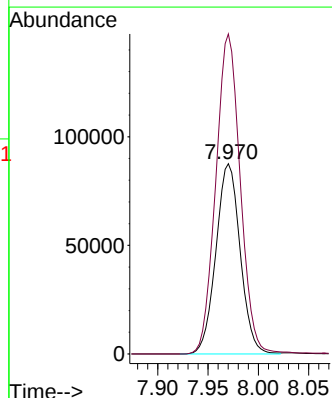
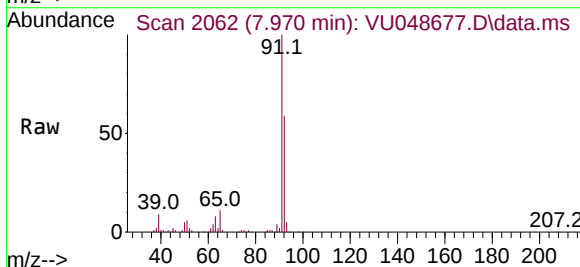
Acq: 26 May 2022 13:21

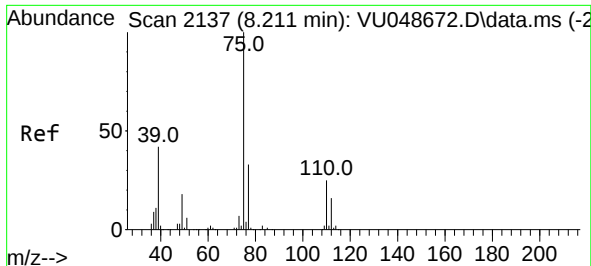
Tgt Ion: 92 Resp: 147120

Ion Ratio Lower Upper

92 100

91 169.7 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 20.114 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

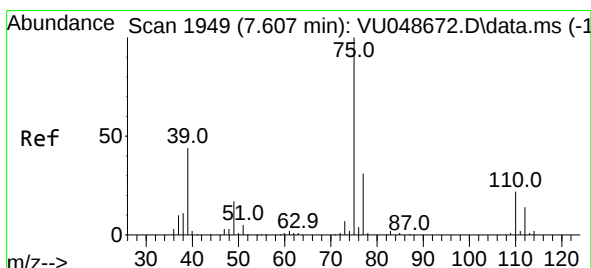
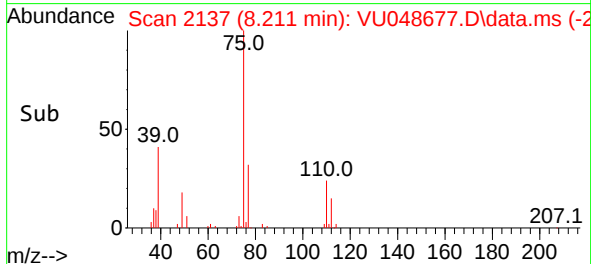
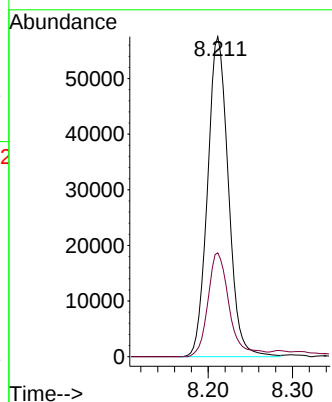
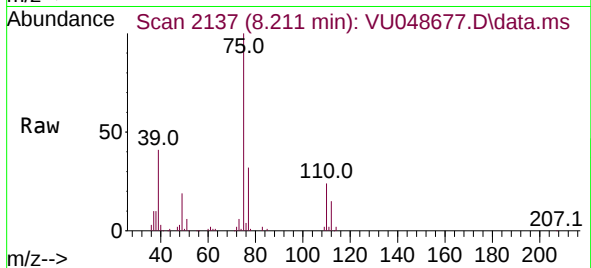
VSTDIC020

Tgt Ion: 75 Resp: 98777

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 20.165 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

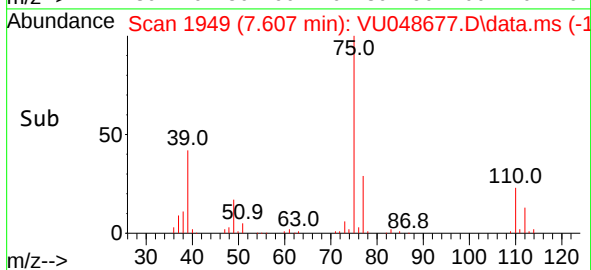
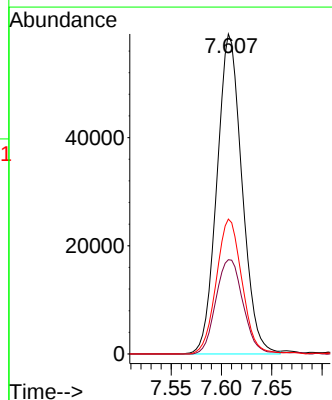
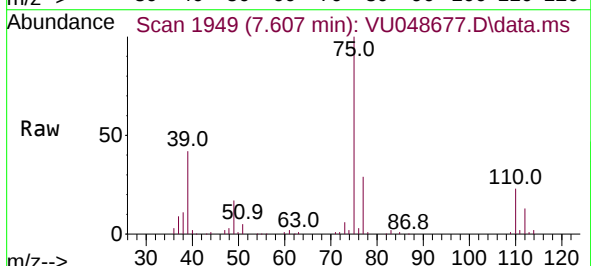
Tgt Ion: 75 Resp: 102616

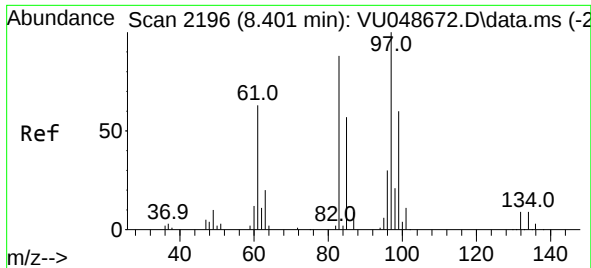
Ion Ratio Lower Upper

75 100

77 29.5 24.9 37.3

39 42.1 35.2 52.8



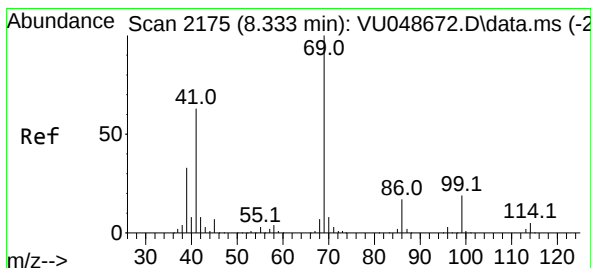
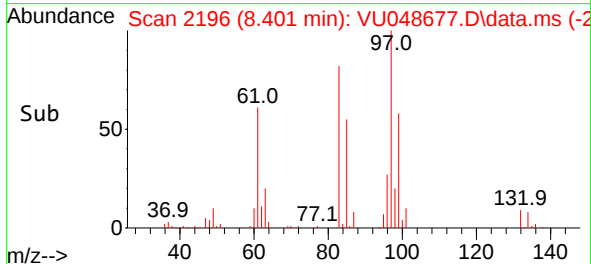
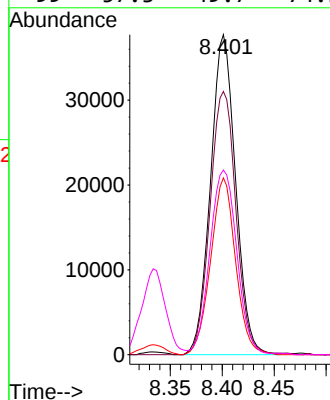
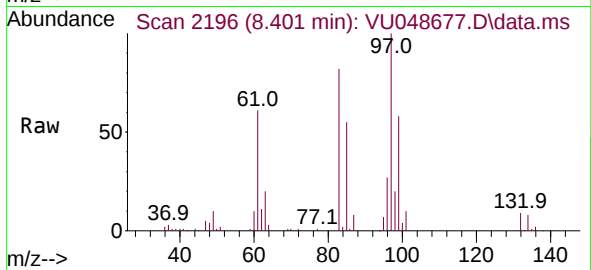


#55
1,1,2-Trichloroethane
Concen: 20.030 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 63288

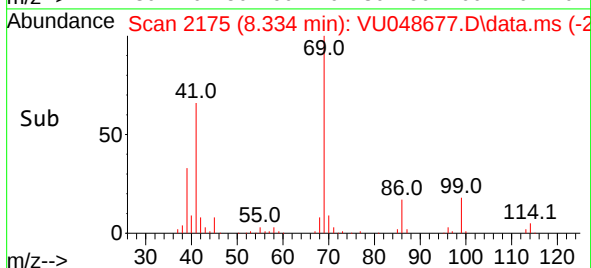
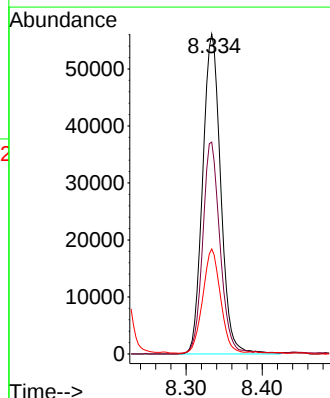
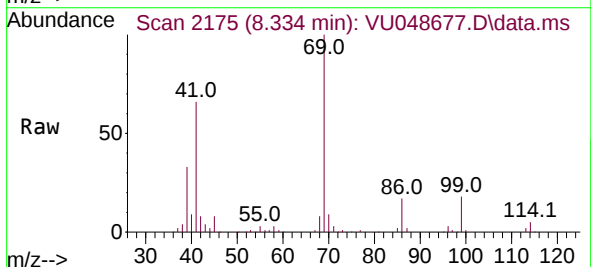
Ion	Ratio	Lower	Upper
97	100		
83	82.2	70.2	105.4
85	55.2	45.6	68.4
99	57.3	49.7	74.5

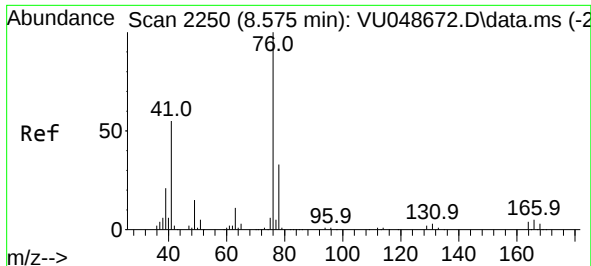


#56
Ethyl methacrylate
Concen: 20.969 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 69 Resp: 92478

Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.6	76.0
39	32.1	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

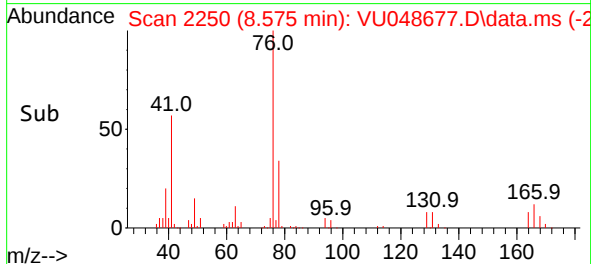
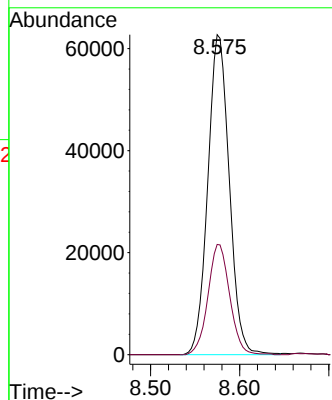
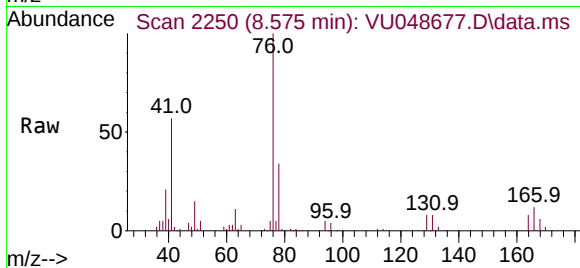
VSTDIC020

Tgt Ion: 76 Resp: 104952

Ion Ratio Lower Upper

76 100

78 34.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 92.963 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048677.D

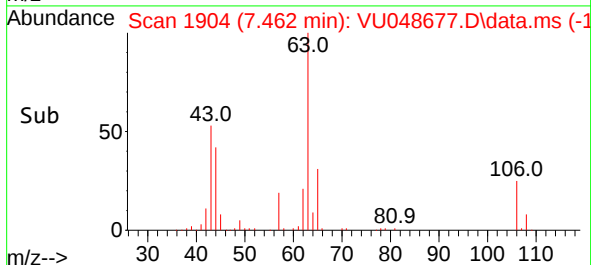
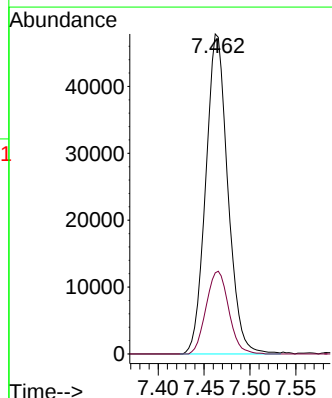
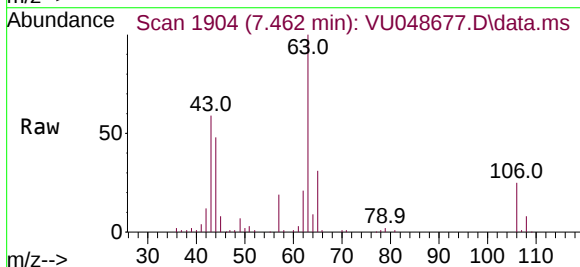
Acq: 26 May 2022 13:21

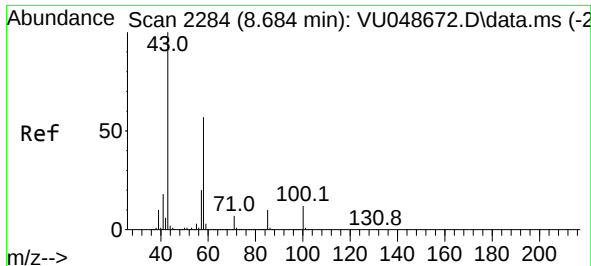
Tgt Ion: 63 Resp: 80237

Ion Ratio Lower Upper

63 100

106 26.4 22.2 33.2

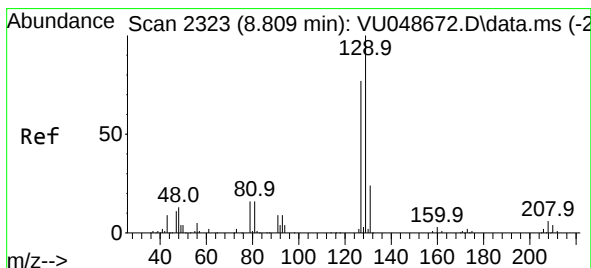
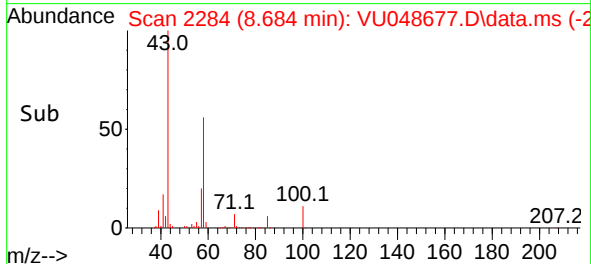
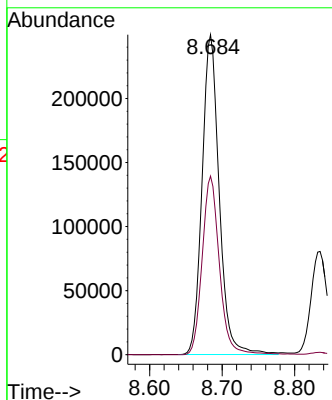
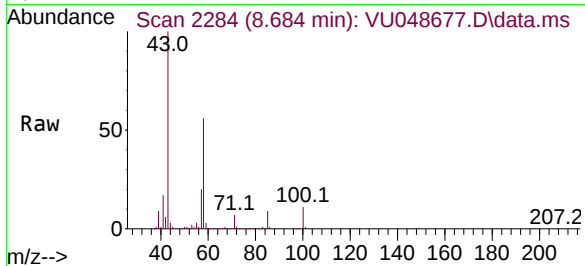




#59
2-Hexanone
Concen: 103.443 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

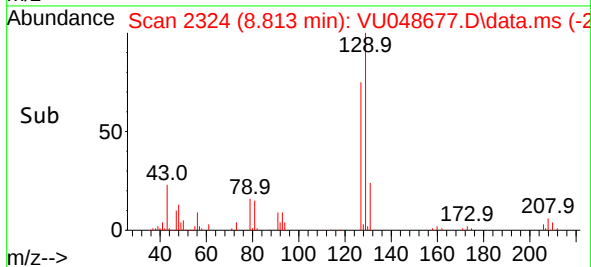
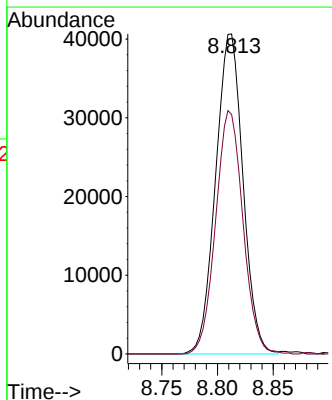
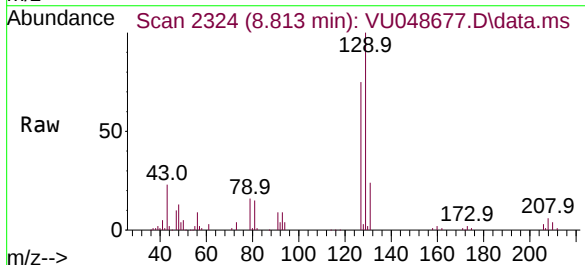
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 410194
Ion Ratio Lower Upper
43 100
58 56.2 28.2 84.6



#60
Dibromochloromethane
Concen: 19.594 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 129 Resp: 69397
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3

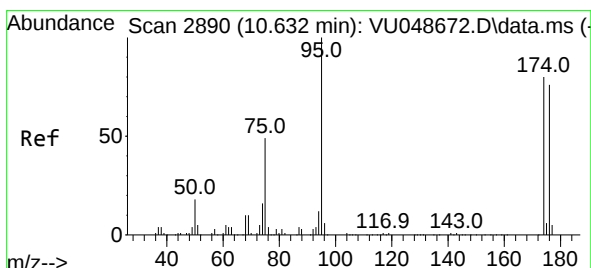
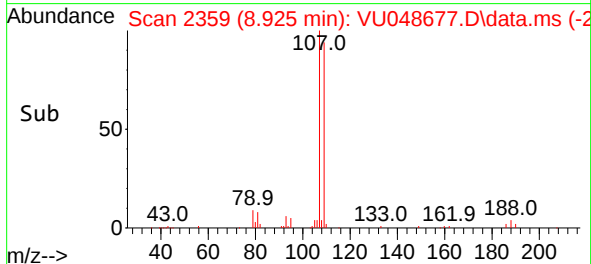
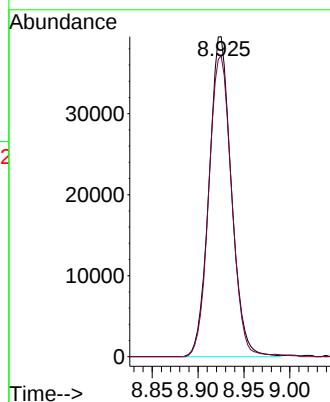
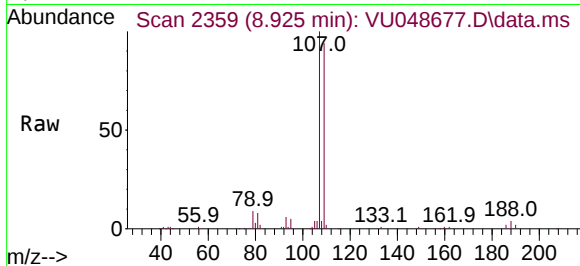




#61
1,2-Dibromoethane
Concen: 19.206 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

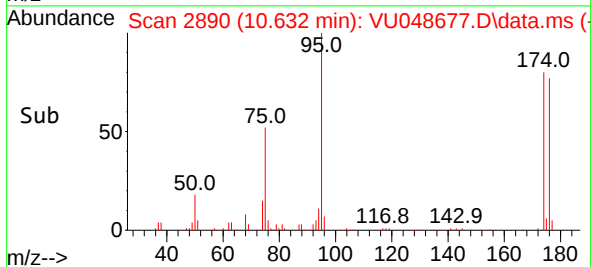
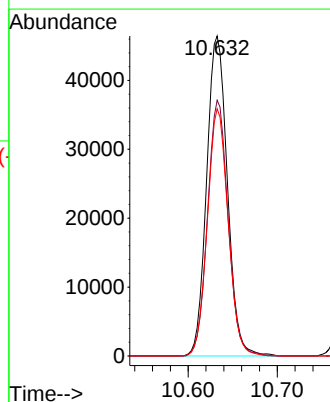
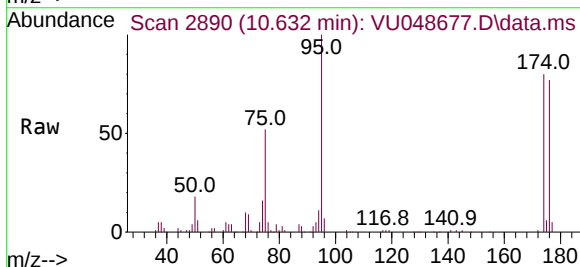
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

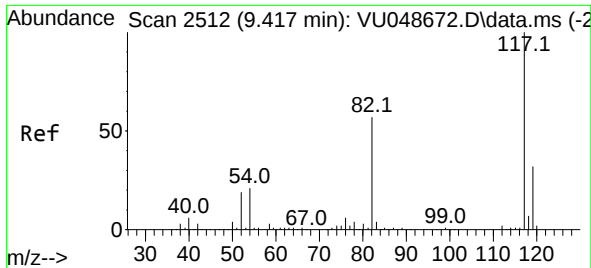
Tgt Ion:107 Resp: 66830
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 19.912 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 95 Resp: 74985
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.4
176 77.3 0.0 152.4

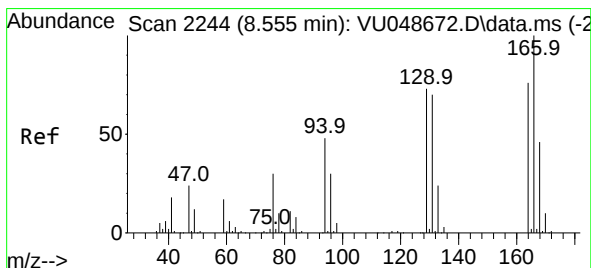
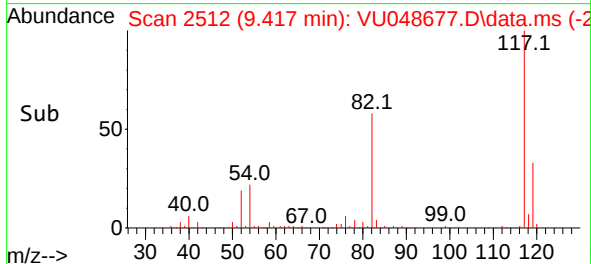
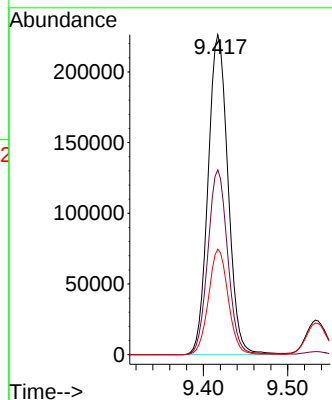
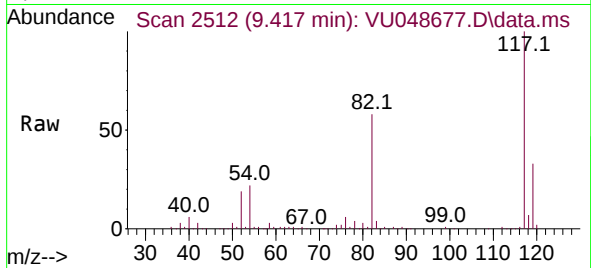




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

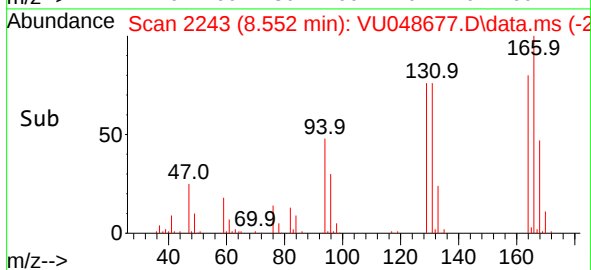
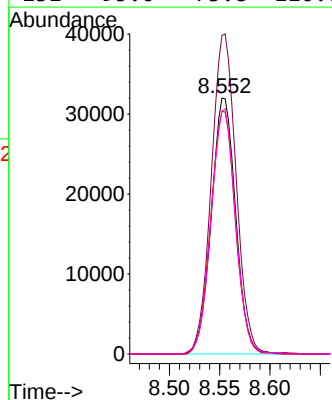
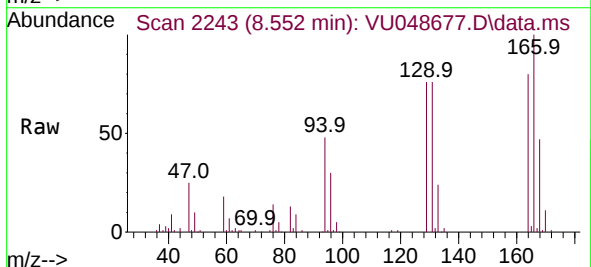
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

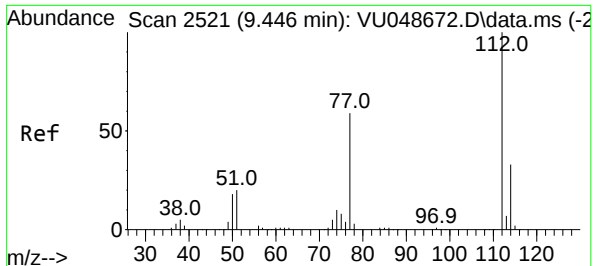
Tgt Ion:117 Resp: 372911
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 18.745 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:164 Resp: 53714
Ion Ratio Lower Upper
164 100
166 124.5 105.0 157.4
129 94.9 76.5 114.7
131 95.0 73.8 110.6

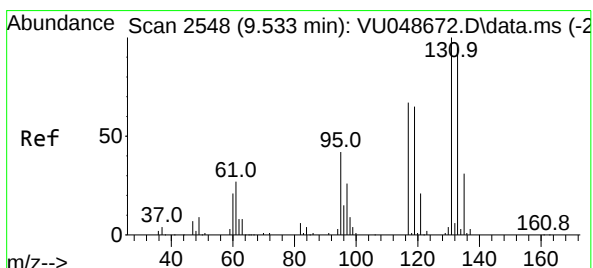
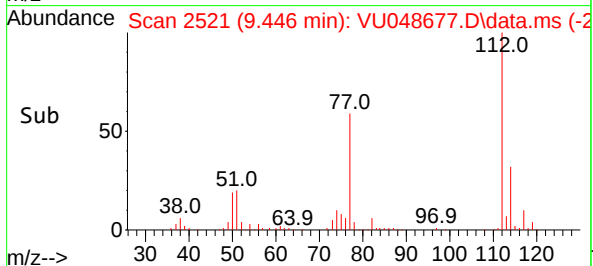
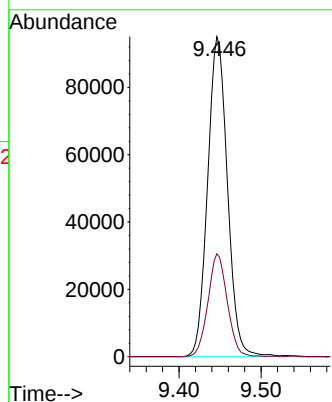
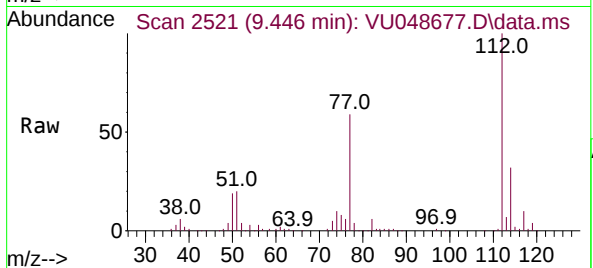




#65
Chlorobenzene
Concen: 20.228 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

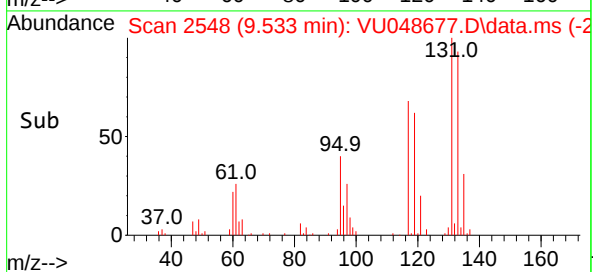
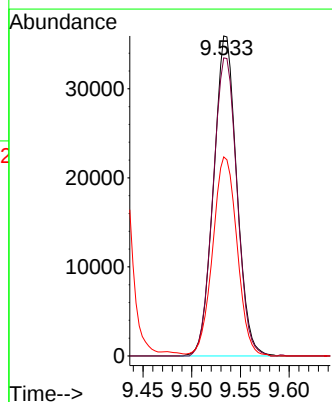
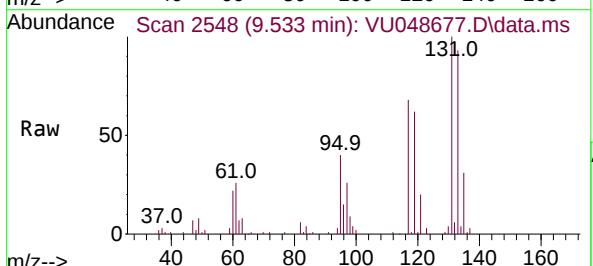
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

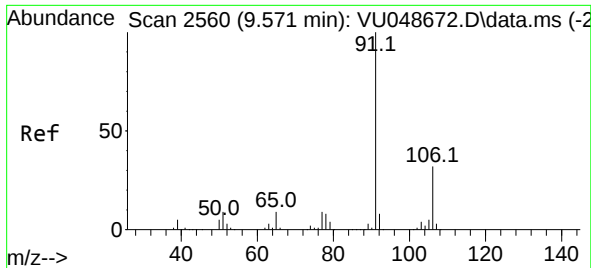
Tgt Ion:112 Resp: 159542
Ion Ratio Lower Upper
112 100
114 32.1 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.920 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:131 Resp: 59637
Ion Ratio Lower Upper
131 100
133 96.3 48.5 145.5
119 65.2 32.7 98.1





#67

Ethyl Benzene

Concen: 20.409 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

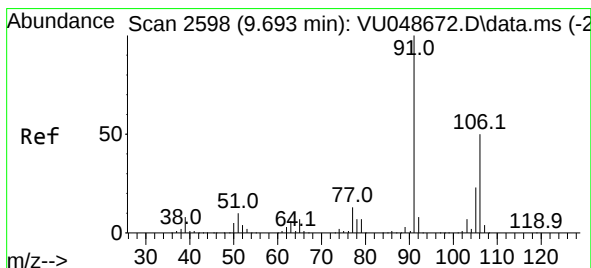
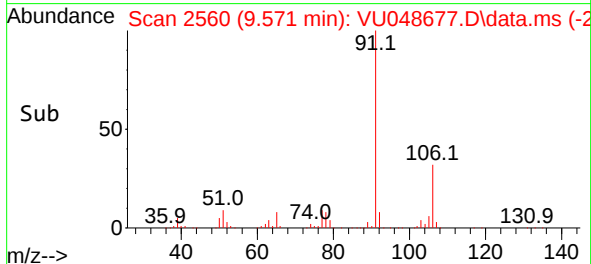
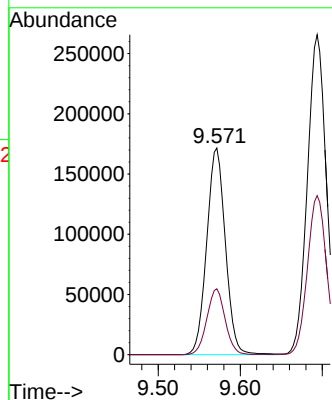
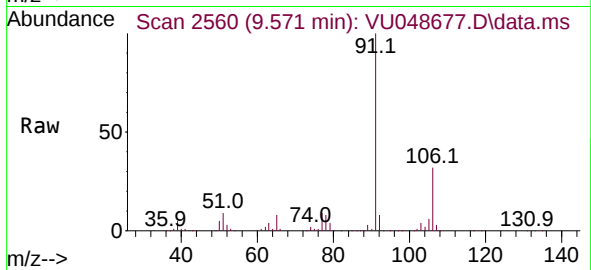
VSTDIC020

Tgt Ion: 91 Resp: 271493

Ion Ratio Lower Upper

91 100

106 31.9 25.4 38.2



#68

m/p-Xylenes

Concen: 41.381 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048677.D

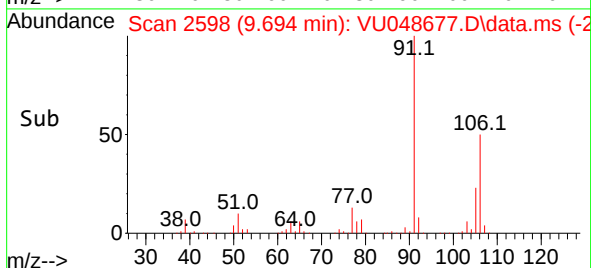
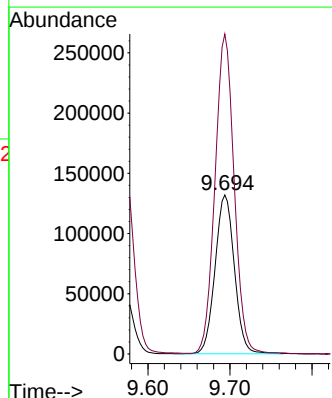
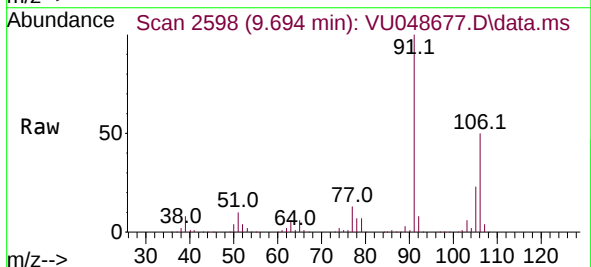
Acq: 26 May 2022 13:21

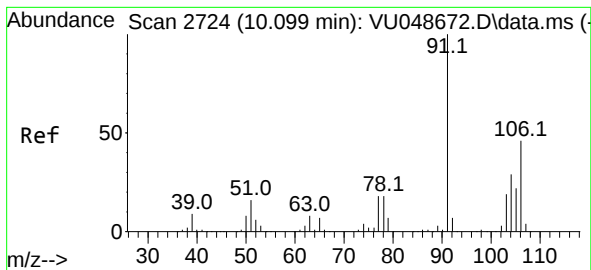
Tgt Ion: 106 Resp: 215293

Ion Ratio Lower Upper

106 100

91 200.6 162.4 243.6





#69

o-Xylene

Concen: 20.034 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

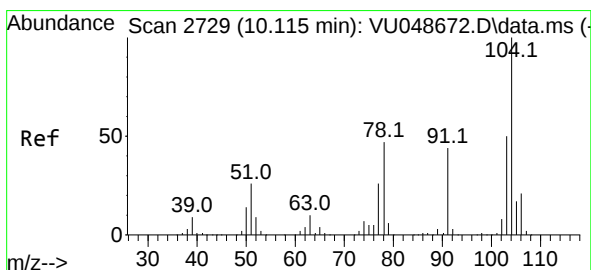
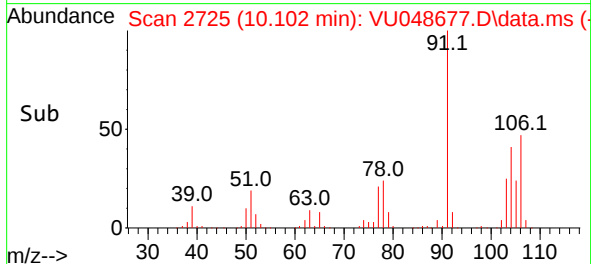
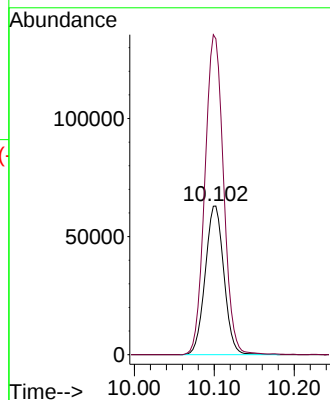
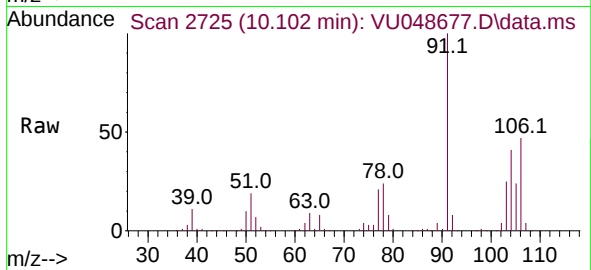
VSTDIC020

Tgt Ion:106 Resp: 102401

Ion Ratio Lower Upper

106 100

91 214.8 107.7 323.3



#70

Styrene

Concen: 20.139 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

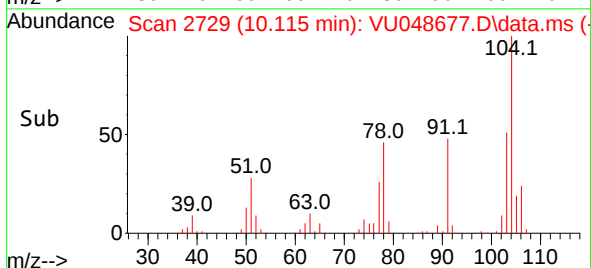
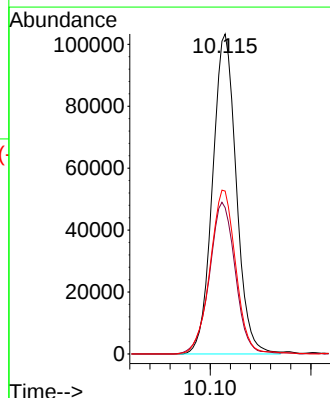
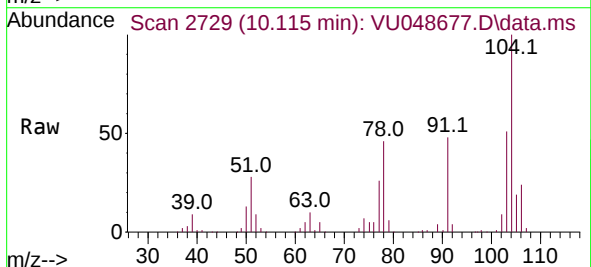
Tgt Ion:104 Resp: 169320

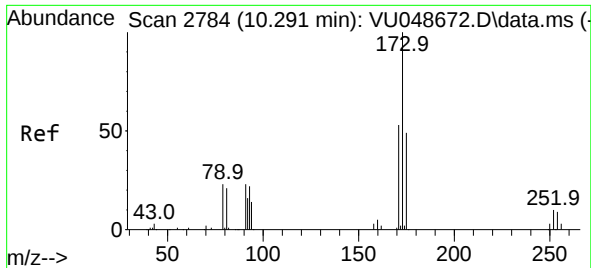
Ion Ratio Lower Upper

104 100

78 51.5 41.2 61.8

103 55.6 43.4 65.2

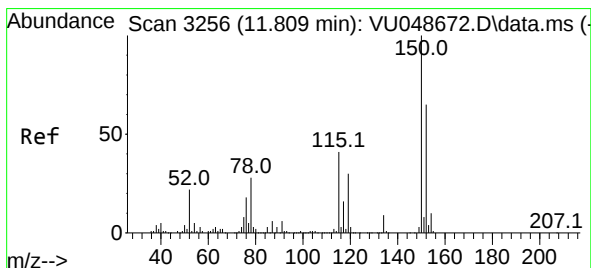
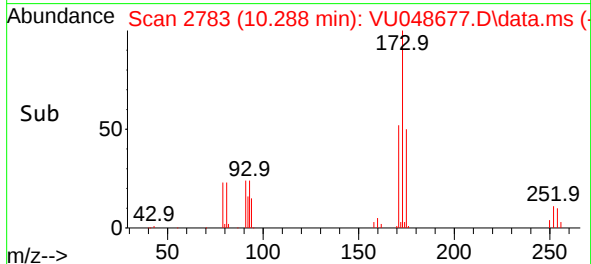
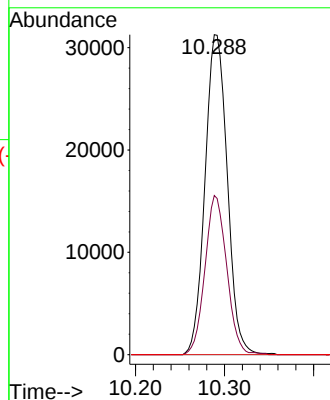
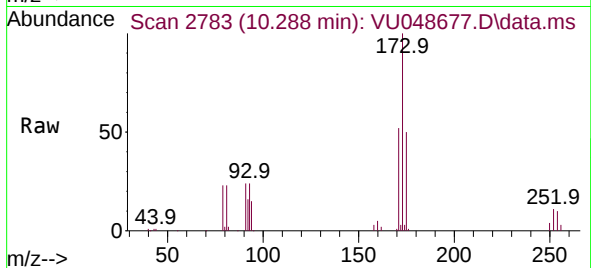




#71
Bromoform
Concen: 19.581 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

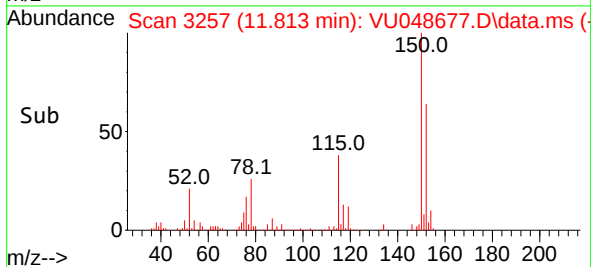
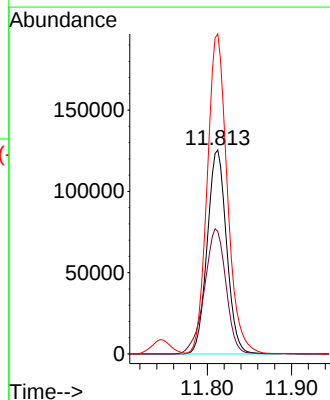
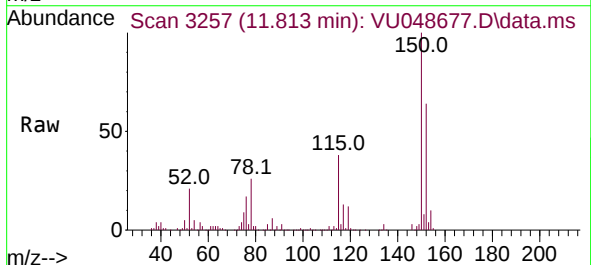
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

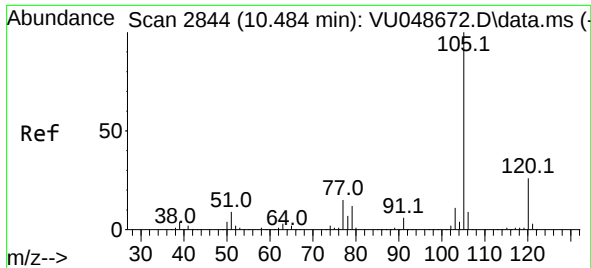
Tgt Ion:173 Resp: 54201
Ion Ratio Lower Upper
173 100
175 48.7 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:152 Resp: 199996
Ion Ratio Lower Upper
152 100
115 68.6 41.8 125.4
150 162.4 0.0 341.0

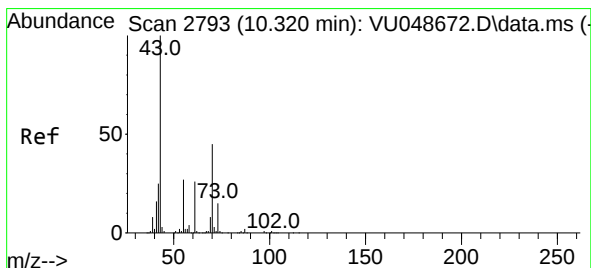
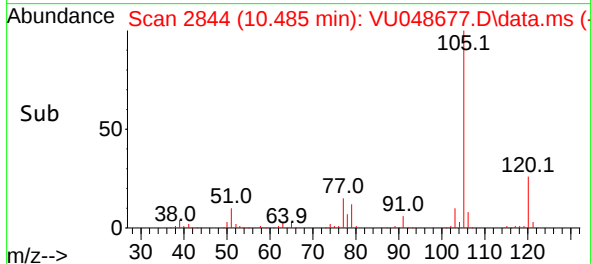
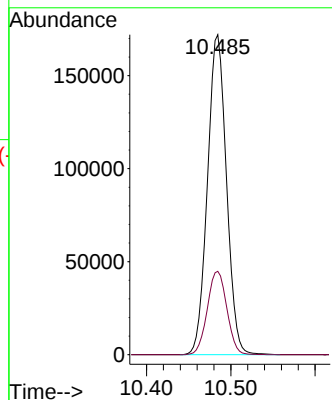
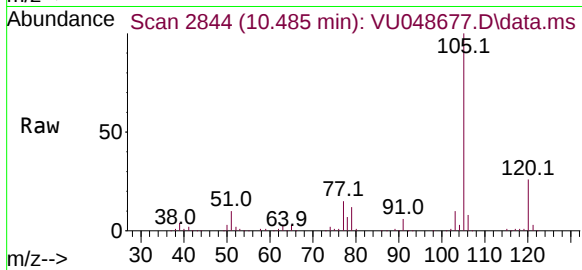




#73
Isopropylbenzene
Concen: 20.886 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

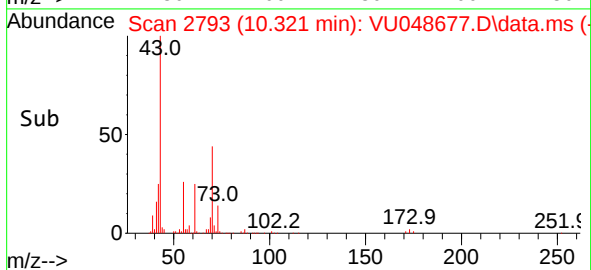
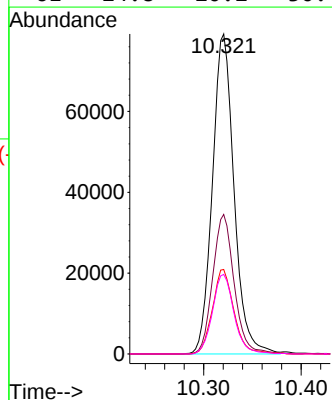
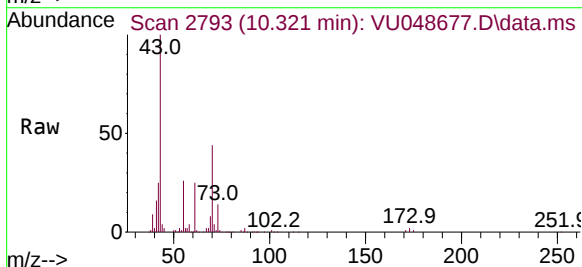
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

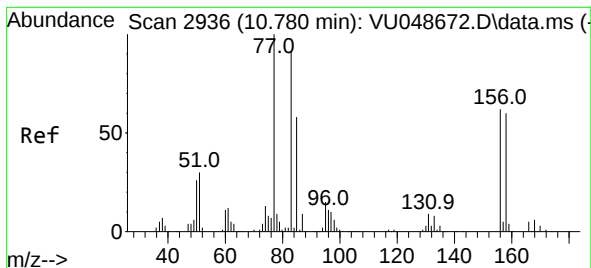
Tgt Ion:105 Resp: 269677
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6



#74
N-ethyl acetate
Concen: 21.861 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 43 Resp: 122029
Ion Ratio Lower Upper
43 100
70 43.3 35.8 53.6
55 26.3 21.1 31.7
61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.808 ug/l

RT: 10.784 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

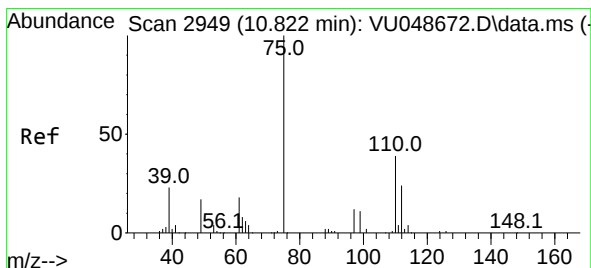
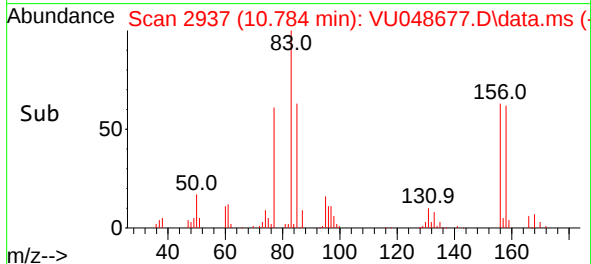
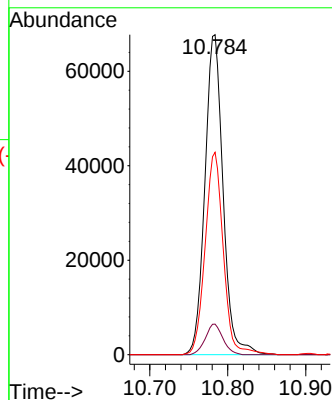
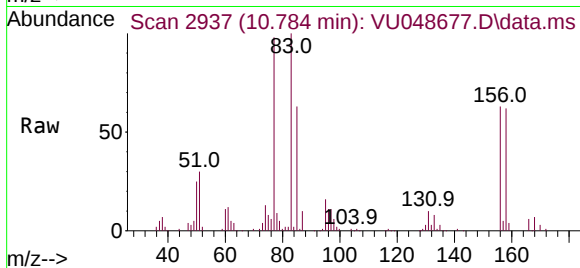
Tgt Ion: 83 Resp: 109640

Ion Ratio Lower Upper

83 100

131 9.3 5.2 15.6

85 63.2 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 23.975 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU048677.D

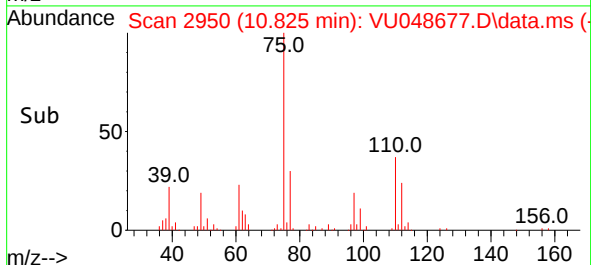
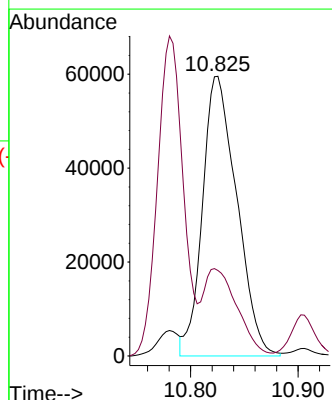
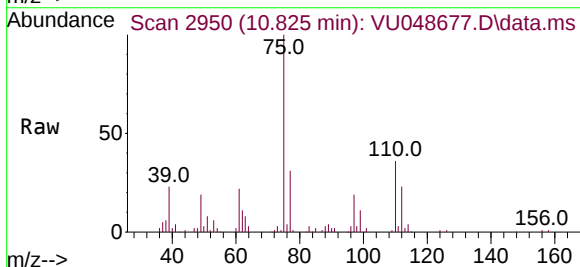
Acq: 26 May 2022 13:21

Tgt Ion: 75 Resp: 132076

Ion Ratio Lower Upper

75 100

77 29.1 14.8 44.3

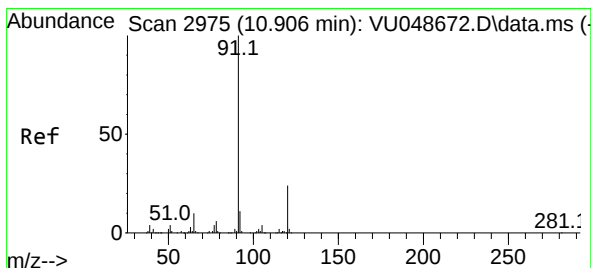
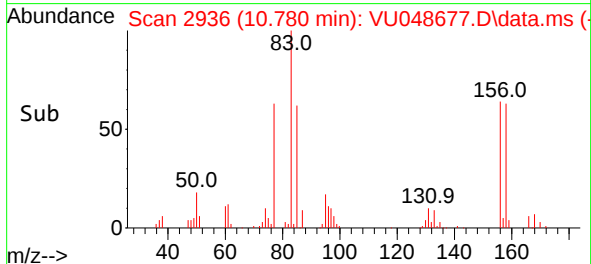
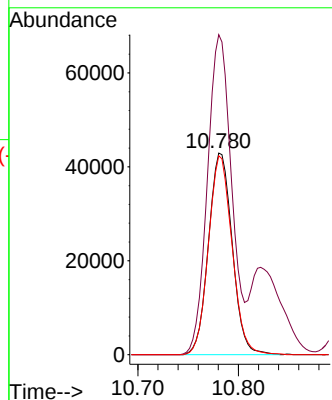
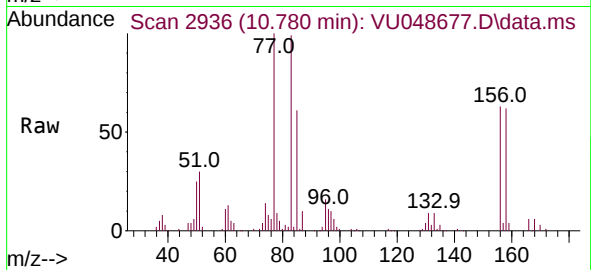




#77
Bromobenzene
Concen: 20.314 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

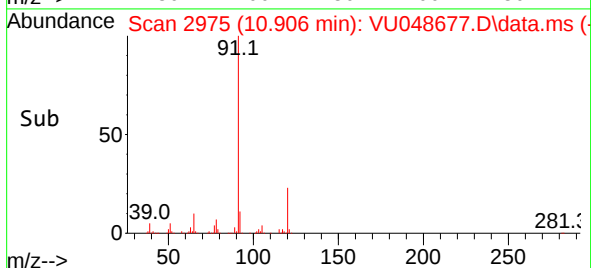
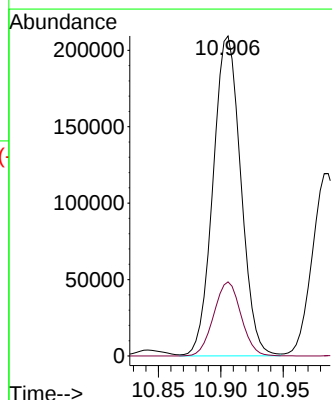
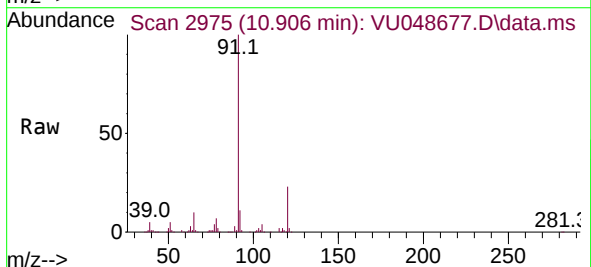
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

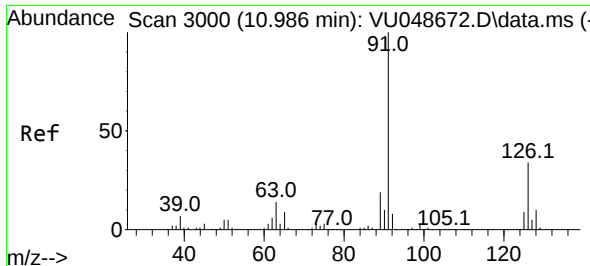
Tgt Ion:156 Resp: 70441
Ion Ratio Lower Upper
156 100
77 160.9 81.1 243.3
158 98.4 48.8 146.4



#78
n-propylbenzene
Concen: 21.122 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 91 Resp: 324965
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7

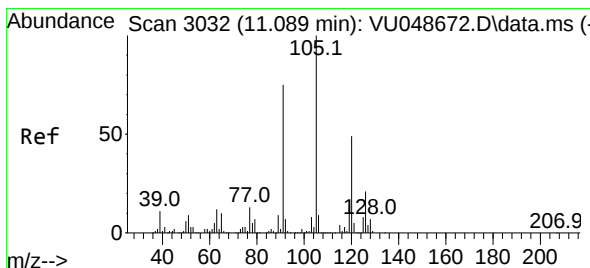
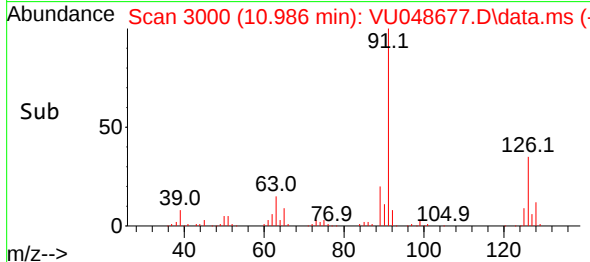
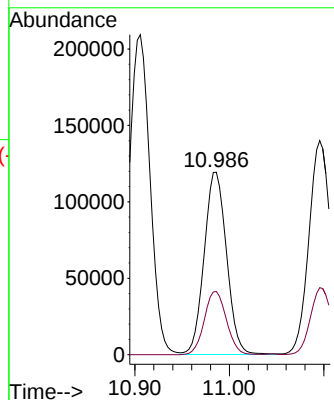
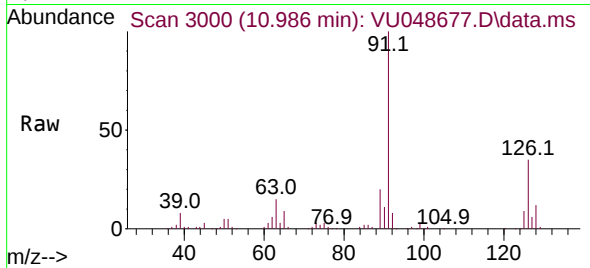




#79
2-Chlorotoluene
Concen: 20.569 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

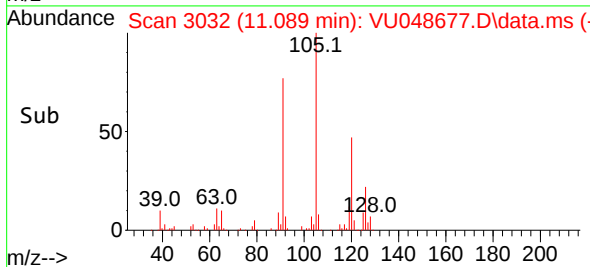
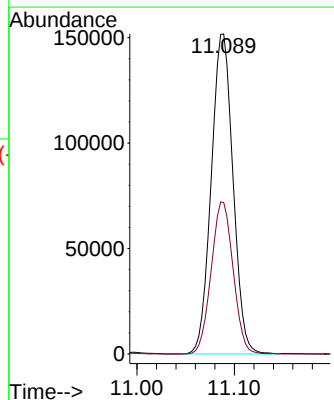
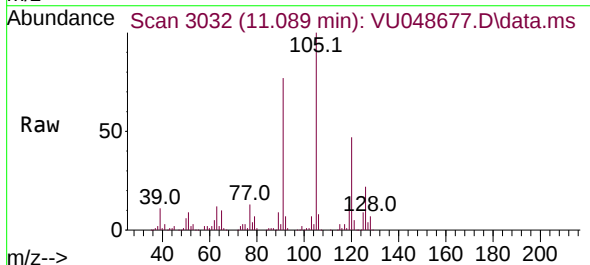
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

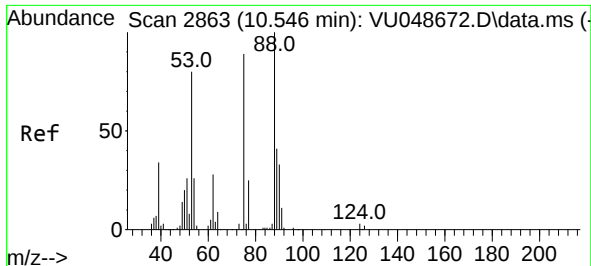
Tgt Ion: 91 Resp: 196800
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.978 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 105 Resp: 235551
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

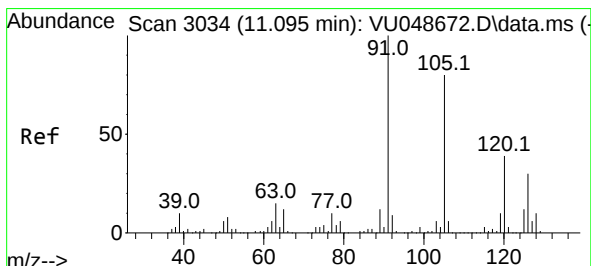
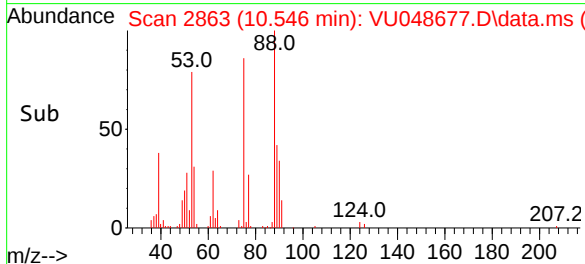
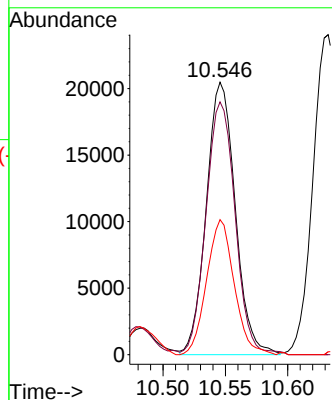
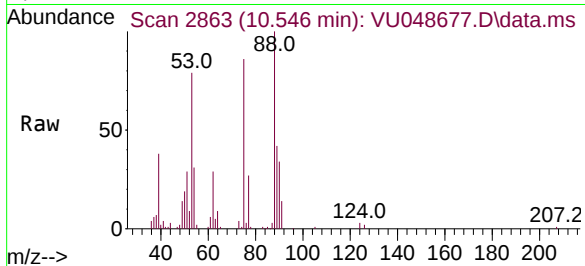




#81
trans-1,4-Dichloro-2-butene
Concen: 18.676 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

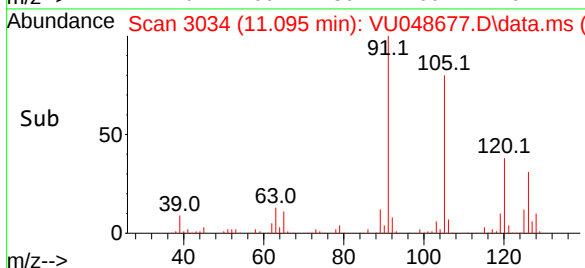
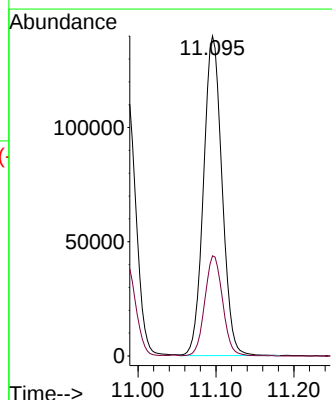
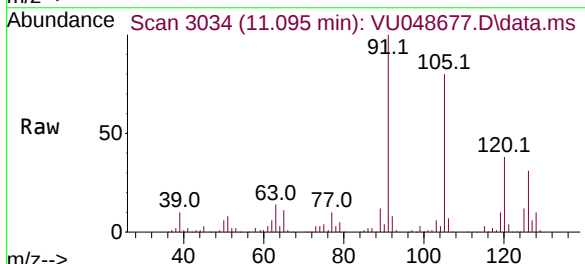
Instrument :
MSVOA_U
ClientSampleId :
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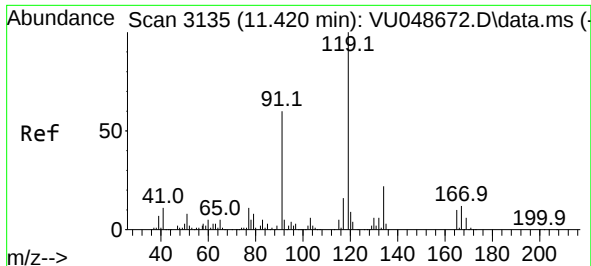
Tgt Ion: 75 Resp: 33169
Ion Ratio Lower Upper
75 100
53 93.3 72.5 108.7
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.877 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 91 Resp: 230461
Ion Ratio Lower Upper
91 100
126 30.3 14.4 43.2

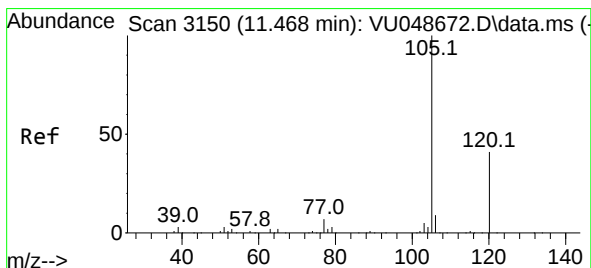
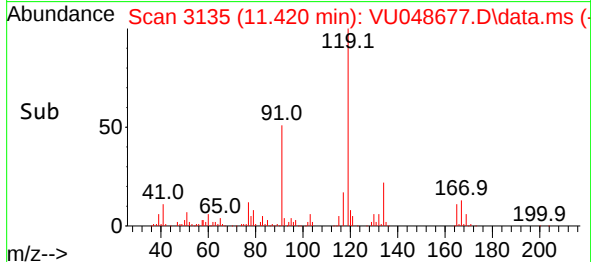
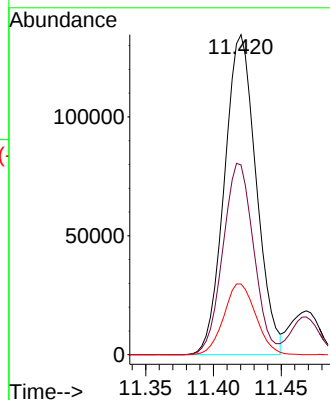
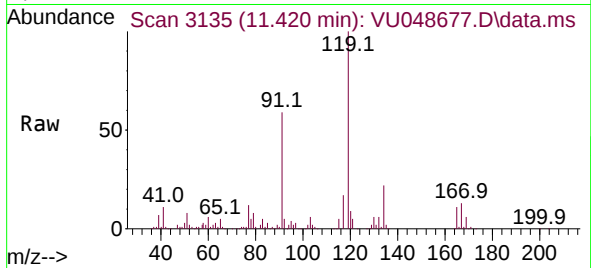




#83
 tert-Butylbenzene
 Concen: 20.378 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

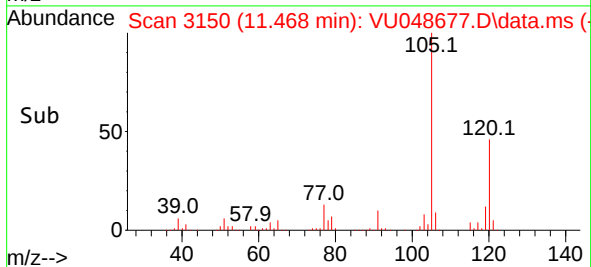
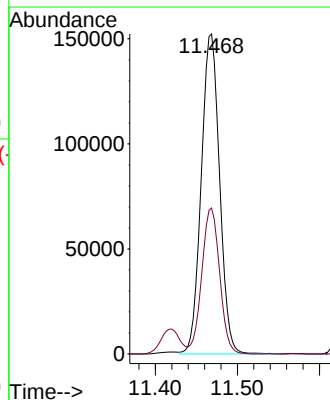
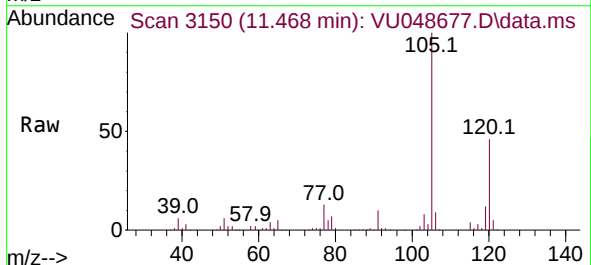
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

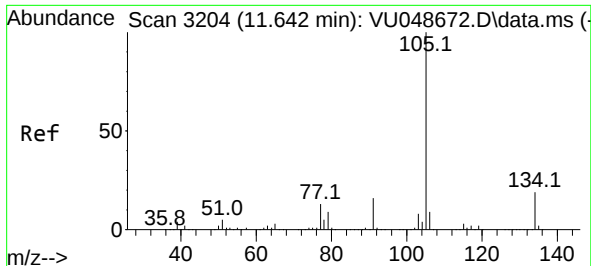
Tgt Ion:119 Resp: 219606
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.7 86.1
 134 22.3 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.678 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

Tgt Ion:105 Resp: 236915
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5

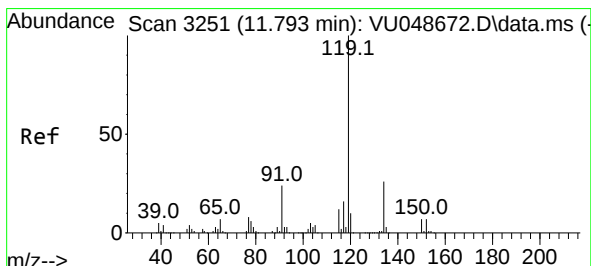
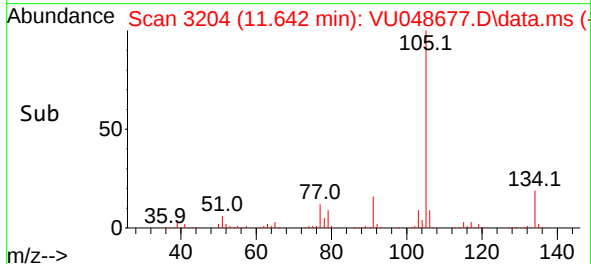
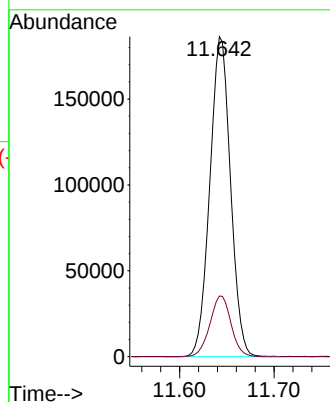
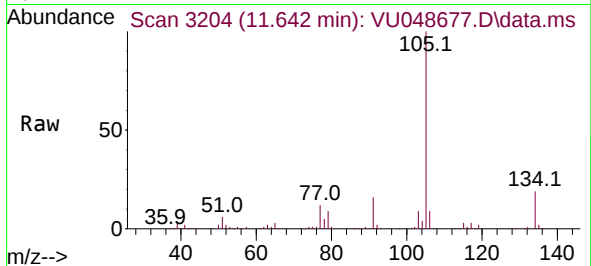




#85
 sec-Butylbenzene
 Concen: 20.968 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

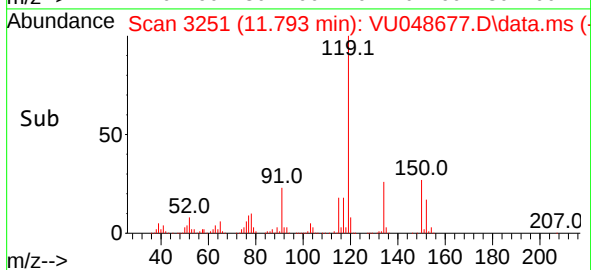
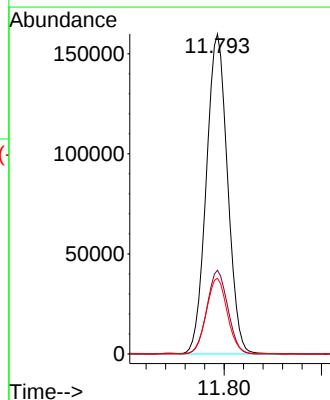
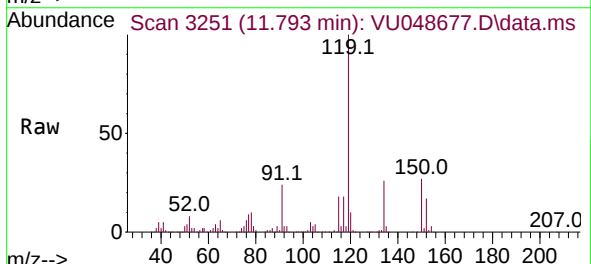
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

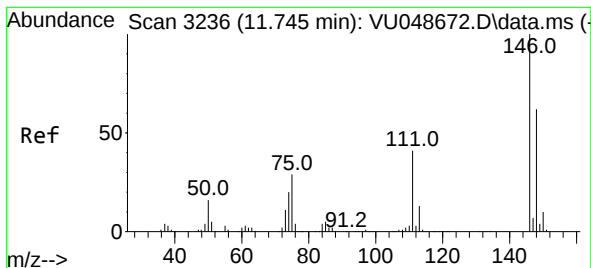
Tgt Ion:105 Resp: 282689
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.869 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

Tgt Ion:119 Resp: 241619
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.235 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

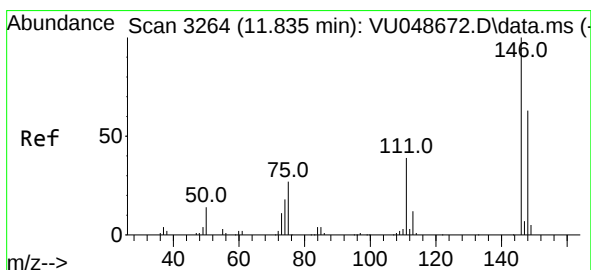
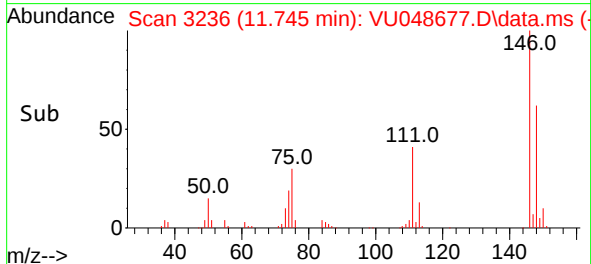
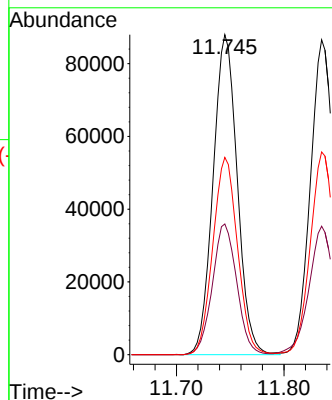
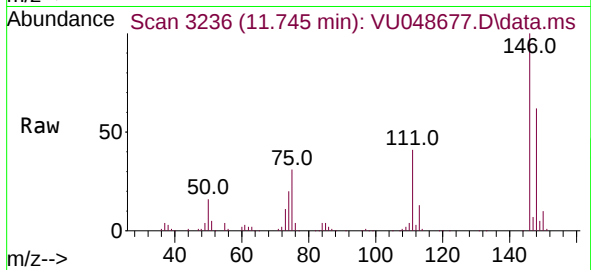
Tgt Ion:146 Resp: 137573

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 62.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.344 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048677.D

Acq: 26 May 2022 13:21

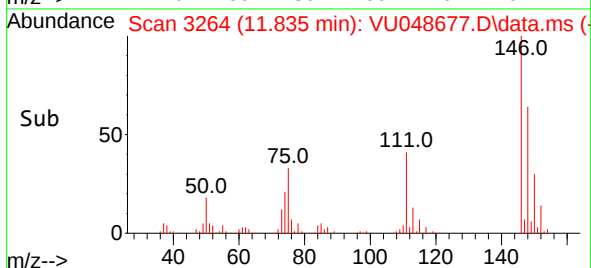
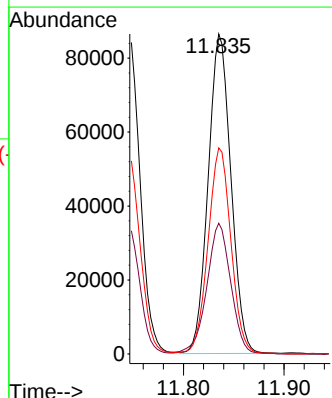
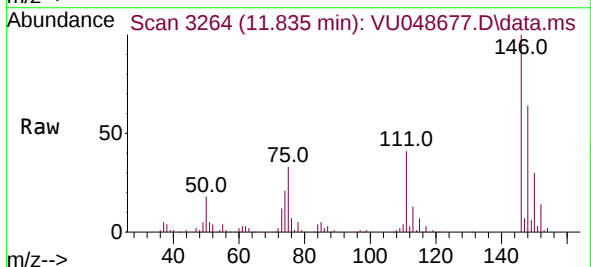
Tgt Ion:146 Resp: 135876

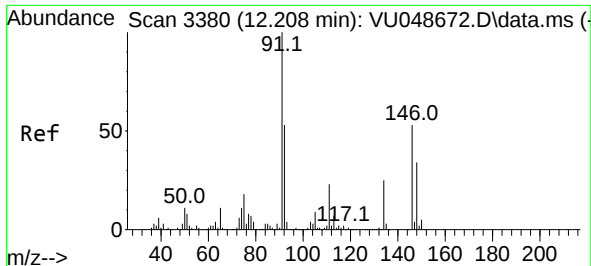
Ion Ratio Lower Upper

146 100

111 43.1 20.2 60.6

148 64.3 32.4 97.0

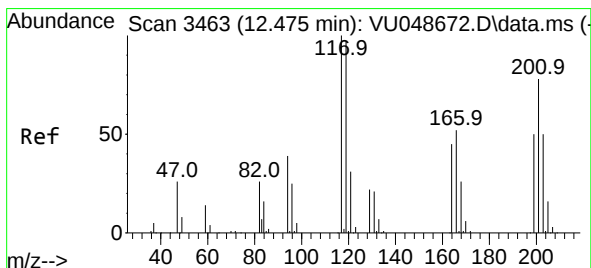
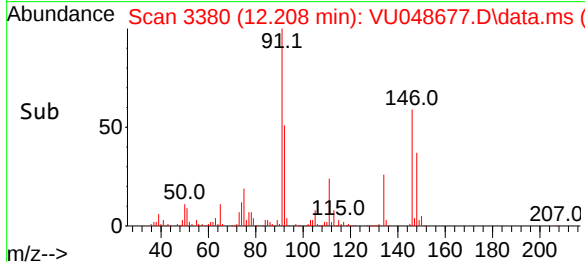
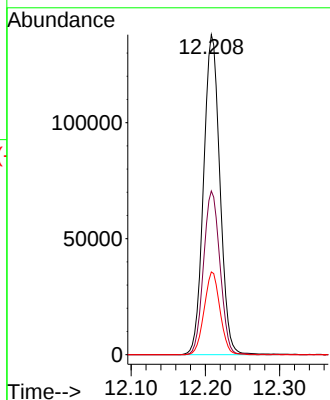
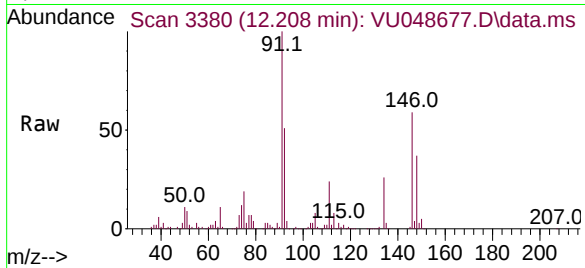




#89
n-Butylbenzene
Concen: 20.701 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

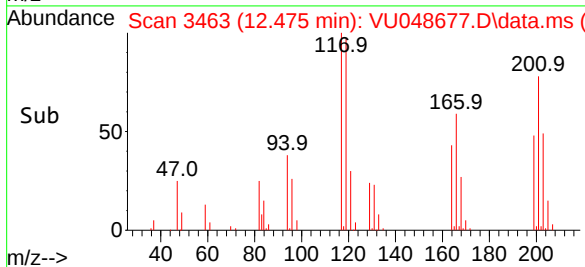
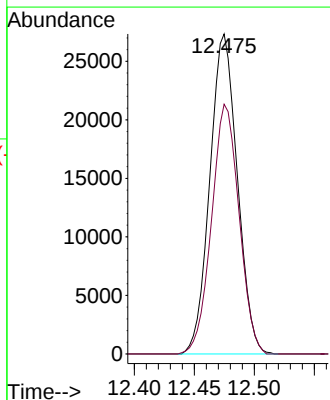
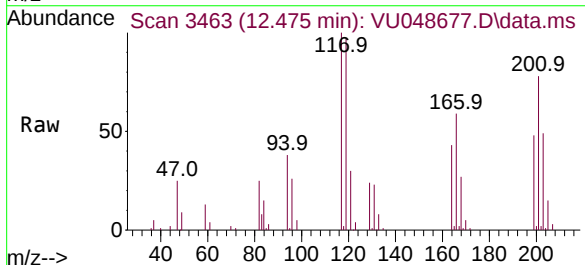
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

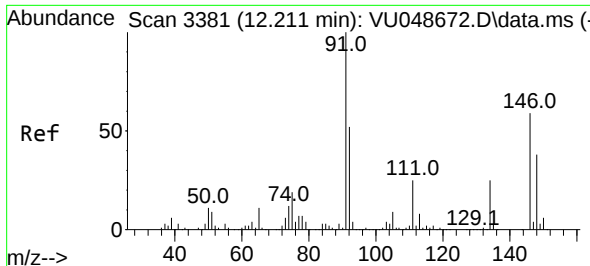
Tgt Ion: 91 Resp: 210611
Ion Ratio Lower Upper
91 100
92 51.3 25.9 77.8
134 25.0 12.5 37.5



#90
Hexachloroethane
Concen: 18.417 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion: 117 Resp: 43516
Ion Ratio Lower Upper
117 100
201 78.2 39.6 119.0

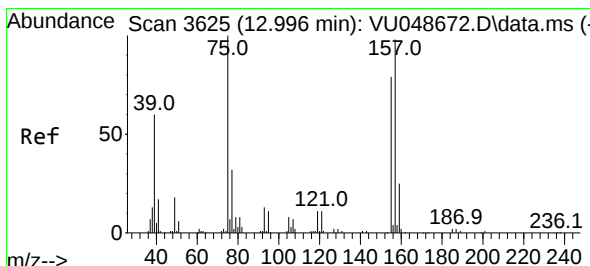
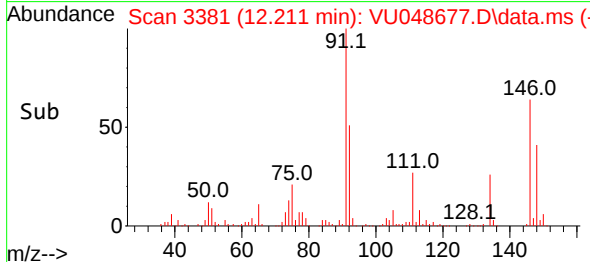
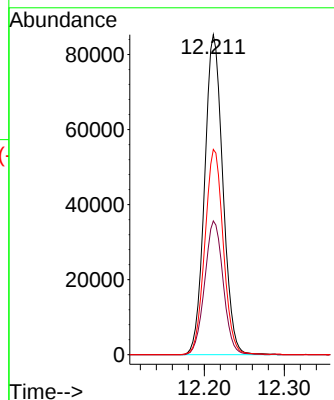
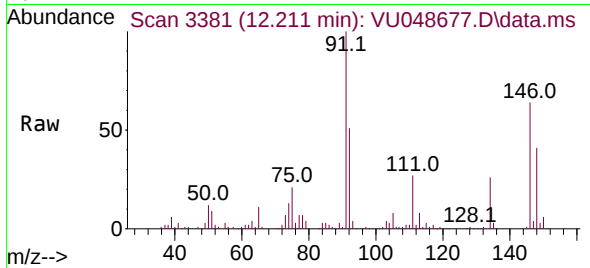




#91
 1,2-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

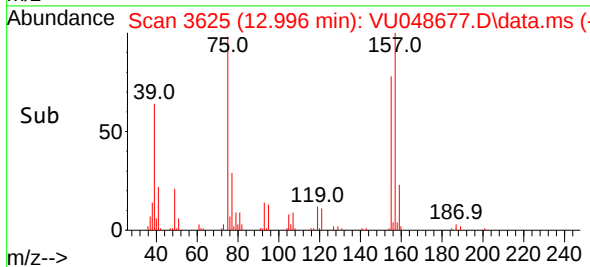
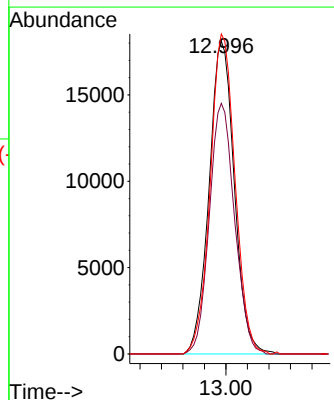
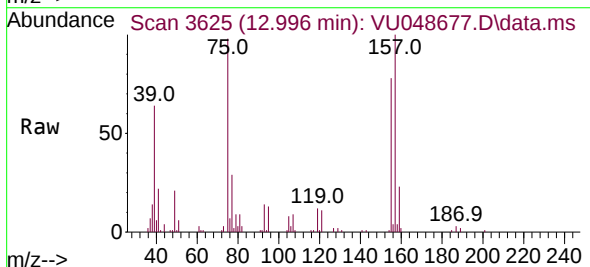
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 ClientSampleId :
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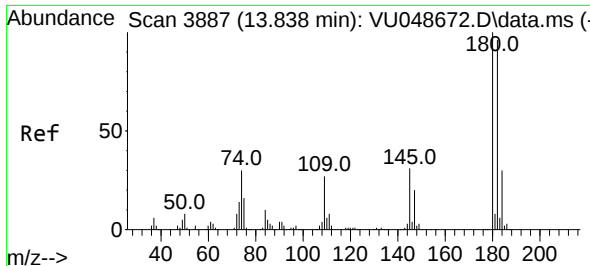
Tgt Ion:146 Resp: 135380
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.3
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.450 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048677.D
 Acq: 26 May 2022 13:21

Tgt Ion: 75 Resp: 29508
 Ion Ratio Lower Upper
 75 100
 155 80.1 40.3 120.8
 157 100.6 50.0 150.0

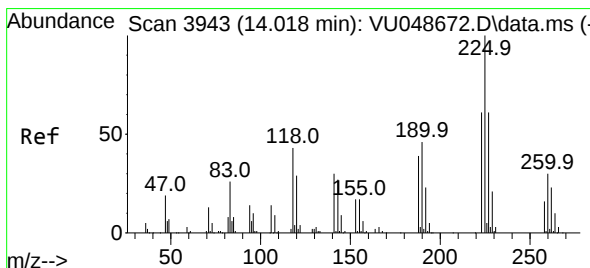
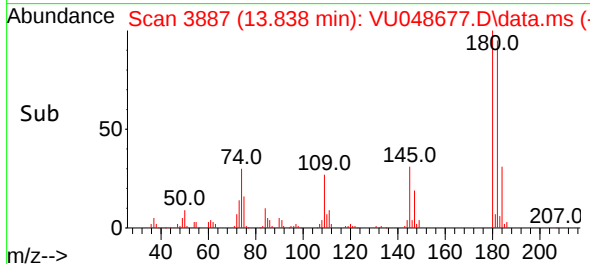
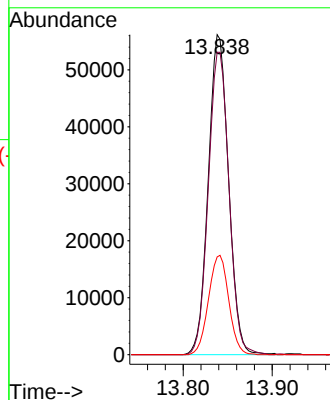
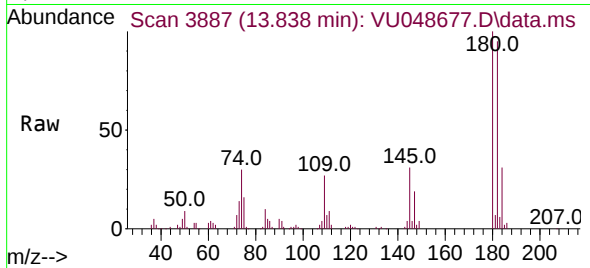




#93
1,2,4-Trichlorobenzene
Concen: 19.715 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

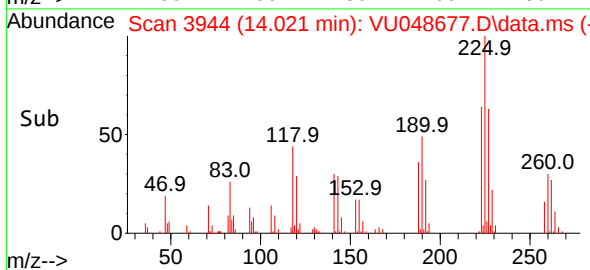
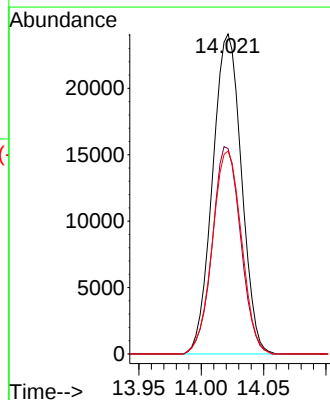
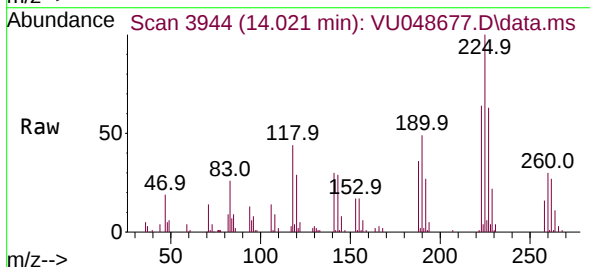
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ClientSampleId :
VSTDIC020

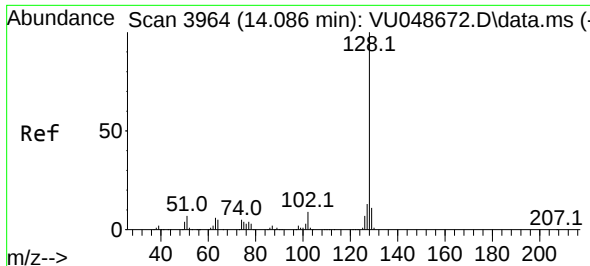
Tgt Ion:180 Resp: 88856
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.9
145 30.9 15.6 46.7



#94
Hexachlorobutadiene
Concen: 17.985 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:225 Resp: 38851
Ion Ratio Lower Upper
225 100
223 63.5 30.9 92.8
227 64.0 31.1 93.5

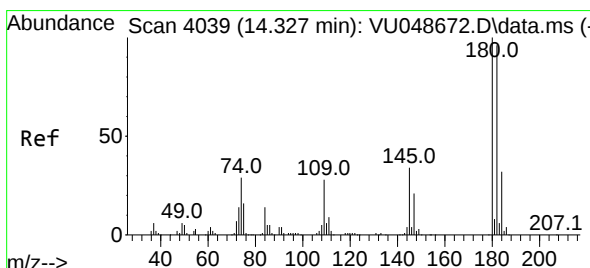
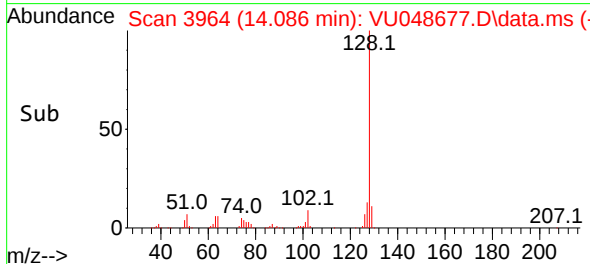
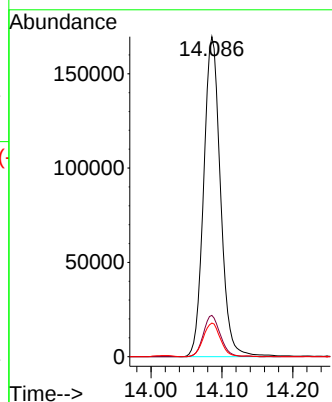
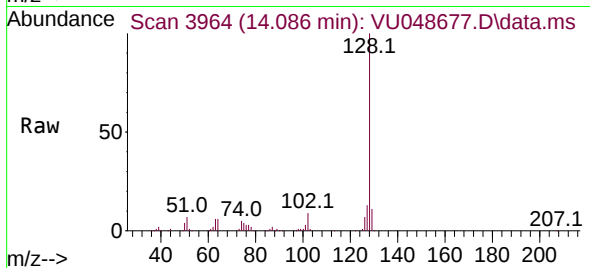




#95
Naphthalene
Concen: 19.981 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 279308
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.784 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048677.D
Acq: 26 May 2022 13:21

Tgt Ion:180 Resp: 88312
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.5 16.6 49.8

