

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048731.D
 Acq On : 31 May 2022 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	254568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	418643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	206256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	187490	49.041	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.080%
35) Dibromofluoromethane	5.288	113	146084	48.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	7.899	98	526660	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	10.632	95	197449	48.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	132107	45.331	ug/l	99
3) Chloromethane	1.520	50	163503	43.583	ug/l	98
4) Vinyl Chloride	1.604	62	164573	47.364	ug/l	97
5) Bromomethane	1.845	94	114013	59.853	ug/l	99
6) Chloroethane	1.928	64	97072	50.926	ug/l	98
7) Trichlorofluoromethane	2.134	101	227911	45.927	ug/l	99
8) Diethyl Ether	2.375	74	88638	48.403	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	132993	48.959	ug/l	96
10) Methyl Iodide	2.719	142	166091	41.694	ug/l	97
11) Tert butyl alcohol	3.182	59	238601	246.166	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	125517	48.444	ug/l	97
13) Acrolein	2.485	56	49674	153.002	ug/l	98
14) Allyl chloride	2.922	41	256773	51.167	ug/l	97
15) Acrylonitrile	3.311	53	551156	262.184	ug/l	99
16) Acetone	2.623	43	464082	238.191	ug/l	100
17) Carbon Disulfide	2.790	76	345725	45.709	ug/l	99
18) Methyl Acetate	2.948	43	244748	50.032	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	500239	50.883	ug/l	98
20) Methylene Chloride	3.044	84	154572	46.653	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	136322	45.996	ug/l	92
22) Diisopropyl ether	3.993	45	502481	54.282	ug/l	99
23) Vinyl Acetate	3.954	43	2196661	273.888	ug/l	99
24) 1,1-Dichloroethane	3.867	63	279867	48.138	ug/l	100
25) 2-Butanone	4.700	43	740561	264.581	ug/l	100
26) 2,2-Dichloropropane	4.665	77	242093	46.415	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	165943	48.372	ug/l	99
28) Bromochloromethane	4.973	49	115915	50.831	ug/l	98
29) Tetrahydrofuran	5.051	42	479986	272.245	ug/l	98
30) Chloroform	5.089	83	288156	49.535	ug/l	100
31) Cyclohexane	5.388	56	239719	49.755	ug/l	100
32) 1,1,1-Trichloroethane	5.317	97	246339	46.676	ug/l	99
36) 1,1-Dichloropropene	5.526	75	206531	47.380	ug/l	99
37) Ethyl Acetate	4.803	43	273833	49.692	ug/l	100
38) Carbon Tetrachloride	5.526	117	222097	44.411	ug/l	99
39) Methylcyclohexane	6.764	83	232238	50.812	ug/l	99
40) Benzene	5.774	78	599538	46.587	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048731.D
 Acq On : 31 May 2022 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	148039	53.162	ug/l	99
42) 1,2-Dichloroethane	5.797	62	227271	45.115	ug/l	99
43) Isopropyl Acetate	5.912	43	405961	50.757	ug/l	100
44) Trichloroethene	6.542	130	148471	44.781	ug/l	99
45) 1,2-Dichloropropane	6.793	63	170837	52.730	ug/l	100
46) Dibromomethane	6.919	93	114499	47.304	ug/l	98
47) Bromodichloromethane	7.105	83	234599	47.927	ug/l	100
48) Methyl methacrylate	6.960	41	191593	53.360	ug/l	99
49) 1,4-Dioxane	6.970	88	87436	1089.347	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	1402889	270.130	ug/l	99
52) Toluene	7.970	92	373186	48.481	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	254111	48.125	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	272370	49.779	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	158803	46.744	ug/l	100
56) Ethyl methacrylate	8.333	69	256117	47.828	ug/l	98
57) 1,3-Dichloropropane	8.575	76	276696	48.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	239254	203.402	ug/l	97
59) 2-Hexanone	8.684	43	1100939	258.217	ug/l	99
60) Dibromochloromethane	8.812	129	181417	47.639	ug/l	99
61) 1,2-Dibromoethane	8.925	107	173463	46.363	ug/l	98
64) Tetrachloroethene	8.555	164	129219	49.949	ug/l	97
65) Chlorobenzene	9.446	112	404112	51.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	156207	52.229	ug/l	98
67) Ethyl Benzene	9.571	91	732552	55.124	ug/l	99
68) m/p-Xylenes	9.693	106	574164	110.468	ug/l	100
69) o-Xylene	10.102	106	275099	53.874	ug/l	99
70) Styrene	10.115	104	465277	55.396	ug/l	100
71) Bromoform	10.291	173	146950	53.142	ug/l #	98
73) Isopropylbenzene	10.484	105	726224	54.539	ug/l	99
74) N-amyl acetate	10.320	43	344594	51.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	279692	51.471	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	337770	50.791	ug/l	99
77) Bromobenzene	10.783	156	179341	50.150	ug/l	96
78) n-propylbenzene	10.906	91	876313	55.229	ug/l	99
79) 2-Chlorotoluene	10.986	91	516023	52.297	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	601648	51.957	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	93038	50.797	ug/l	99
82) 4-Chlorotoluene	11.095	91	584341	51.327	ug/l	98
83) tert-Butylbenzene	11.420	119	591843	53.253	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	620982	49.765	ug/l	100
85) sec-Butylbenzene	11.645	105	761517	54.770	ug/l	99
86) p-Isopropyltoluene	11.793	119	663600	55.578	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	348175	49.658	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	357159	49.305	ug/l	99
89) n-Butylbenzene	12.208	91	614412	51.347	ug/l	99
90) Hexachloroethane	12.475	117	117652	48.281	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	349933	49.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	84671	54.117	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	243914	52.477	ug/l	99
94) Hexachlorobutadiene	14.021	225	103896	46.635	ug/l	99
95) Naphthalene	14.086	128	857245	52.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	243080	52.802	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
Data File : VU048731.D
Acq On : 31 May 2022 11:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

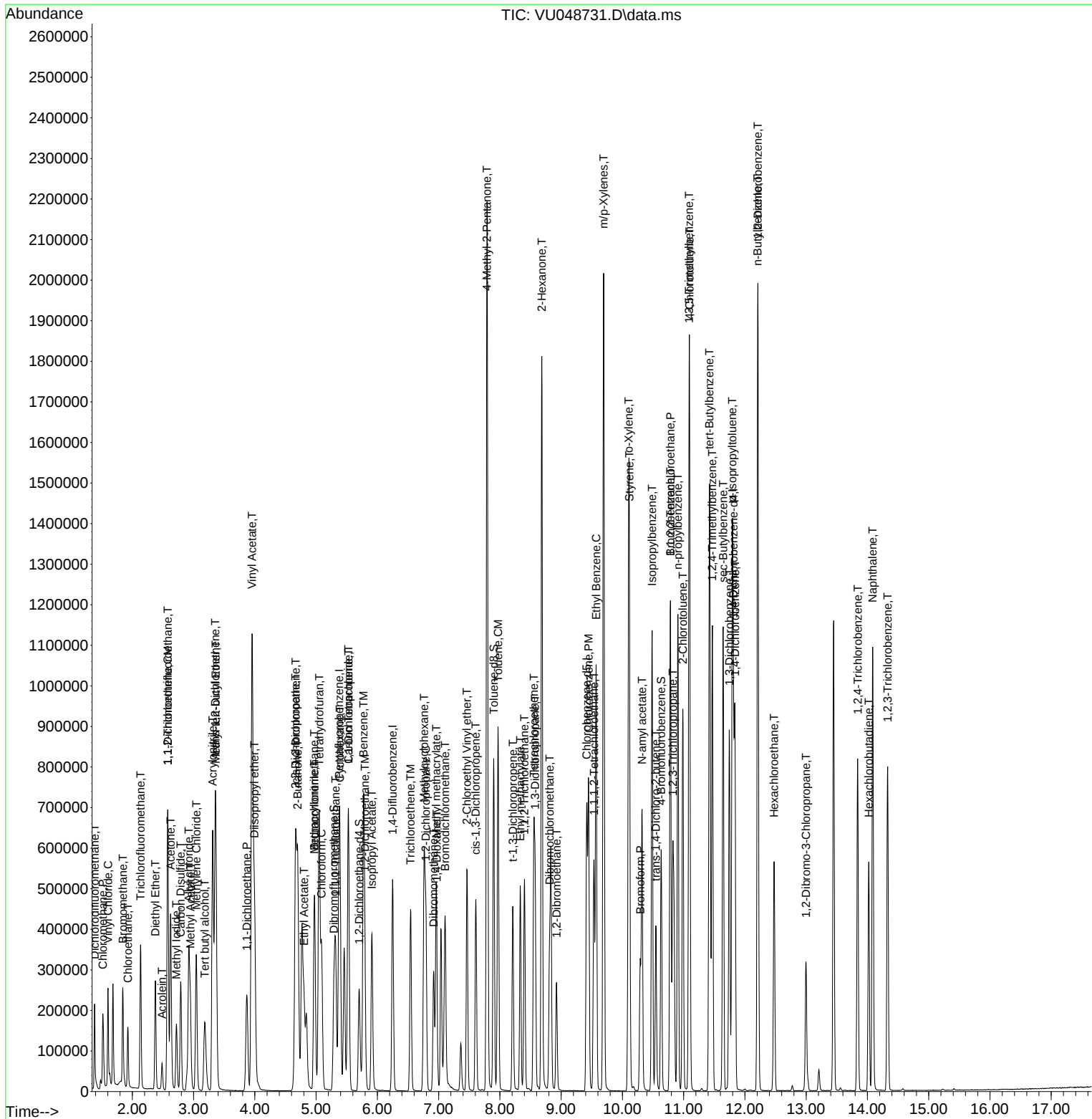
Quant Time: Jun 01 02:12:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

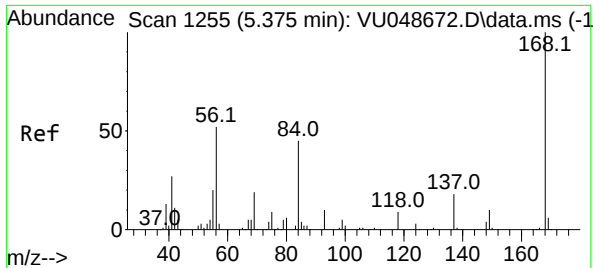
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Jun 01 02:12:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

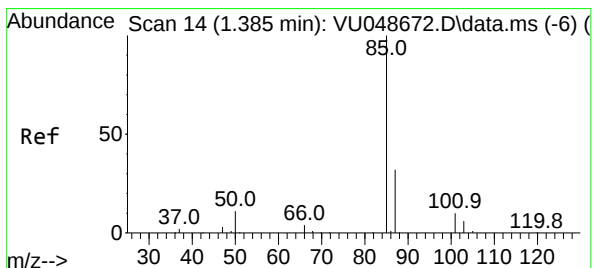
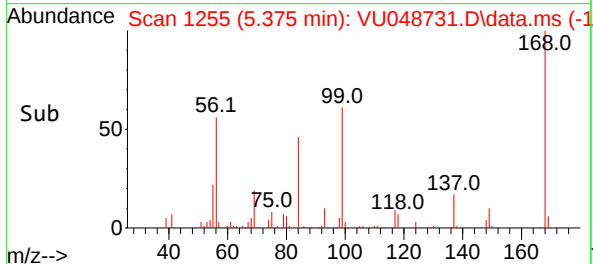
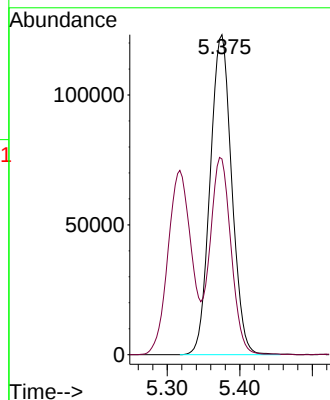
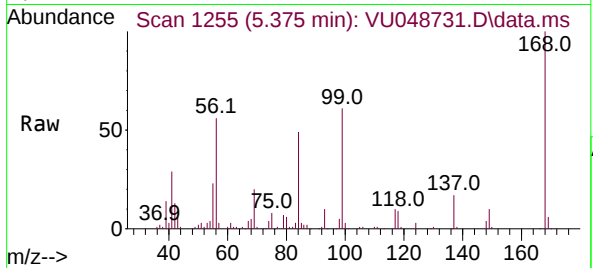




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

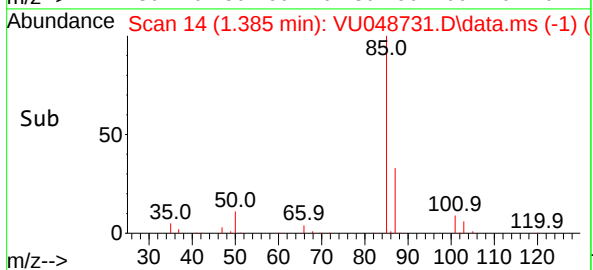
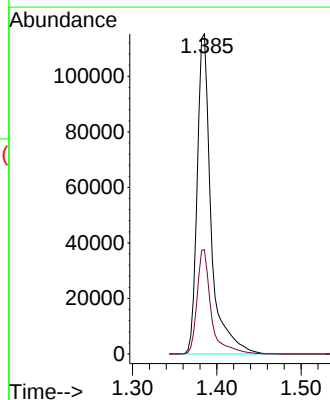
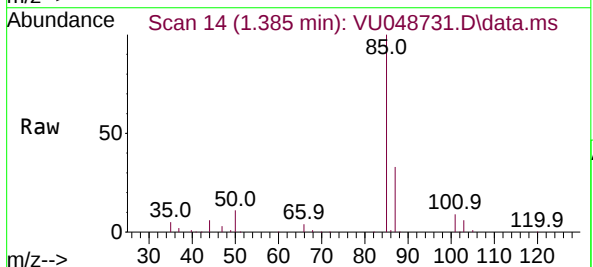
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

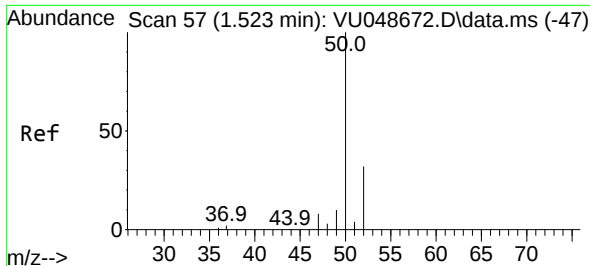
Tgt Ion:168 Resp: 254568
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 45.331 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 85 Resp: 132107
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

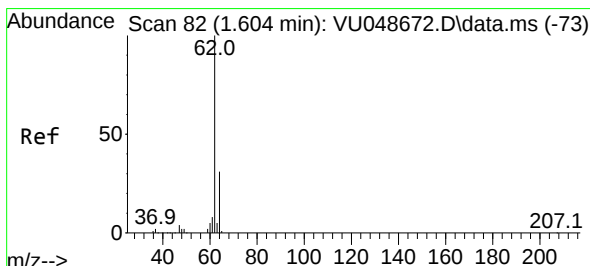
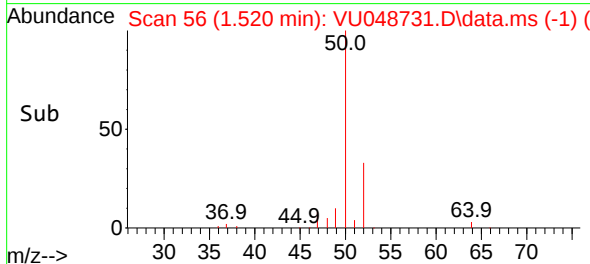
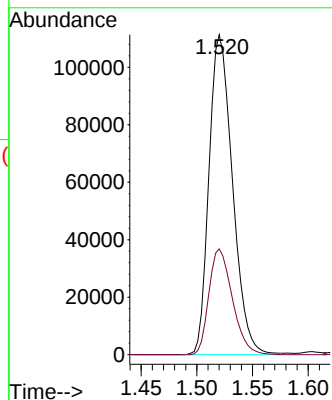
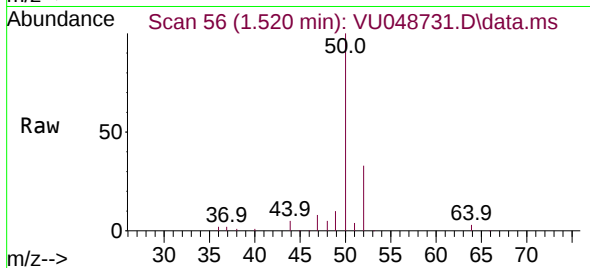




#3
Chloromethane
Concen: 43.583 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

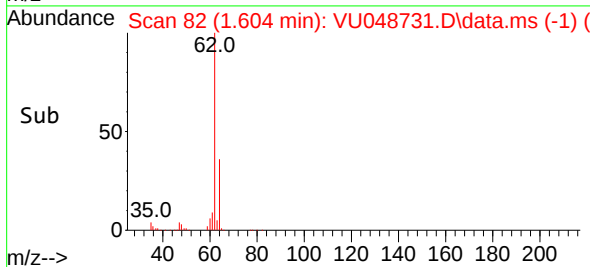
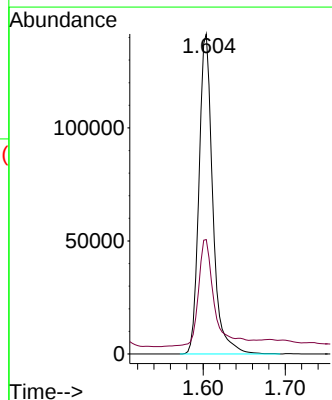
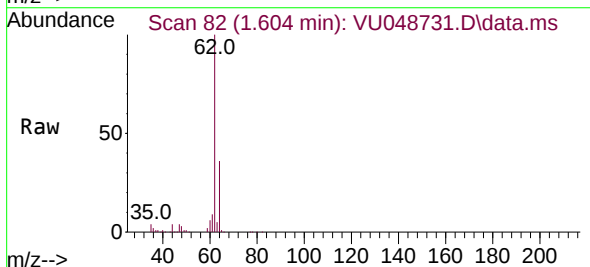
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

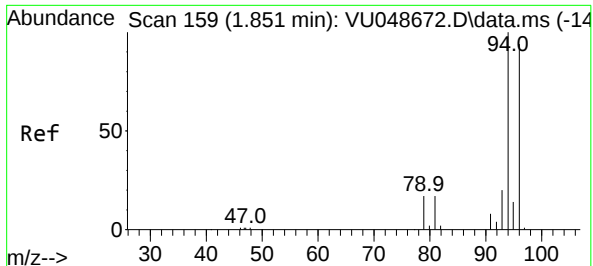
Tgt Ion: 50 Resp: 163503
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 47.364 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 62 Resp: 164573
Ion Ratio Lower Upper
62 100
64 33.1 25.2 37.8

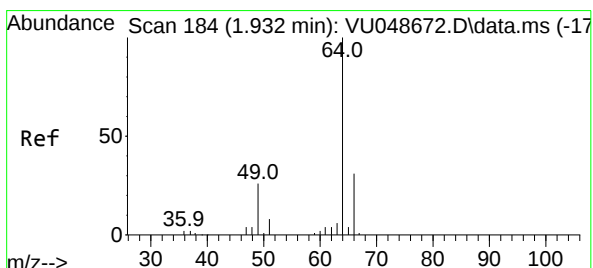
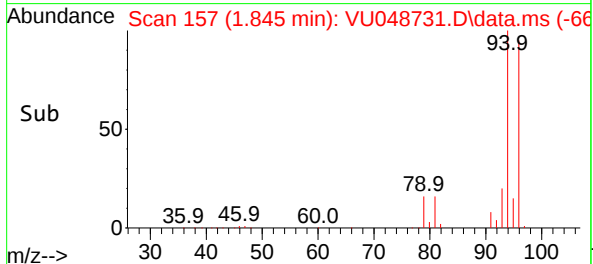
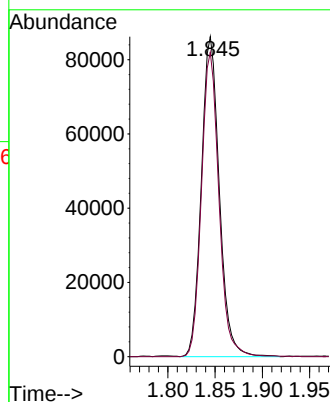
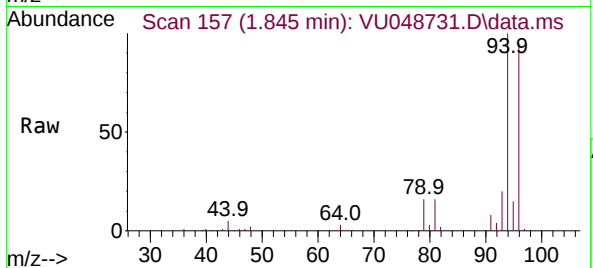




#5
Bromomethane
Concen: 59.853 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

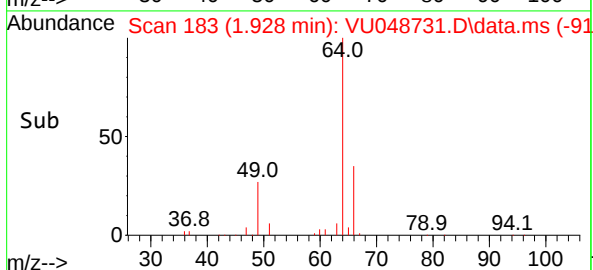
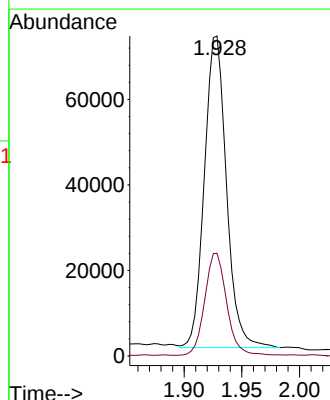
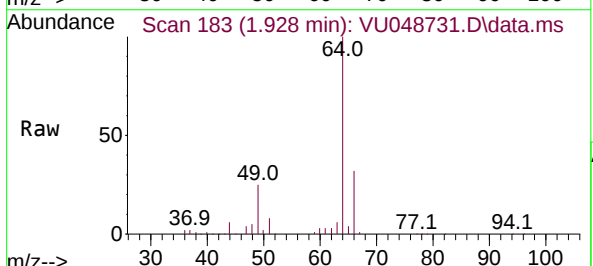
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

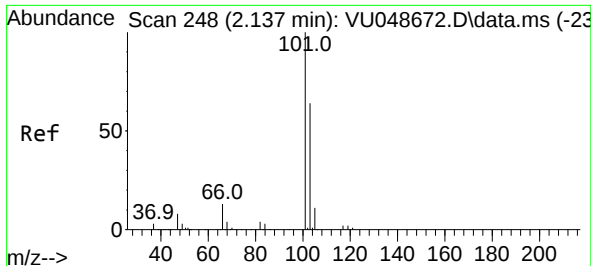
Tgt Ion: 94 Resp: 114013
Ion Ratio Lower Upper
94 100
96 95.2 75.1 112.7



#6
Chloroethane
Concen: 50.926 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.004 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 64 Resp: 97072
Ion Ratio Lower Upper
64 100
66 32.7 25.2 37.8

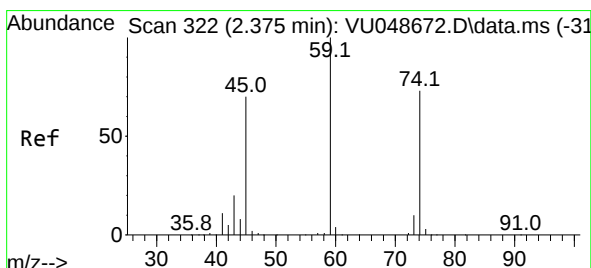
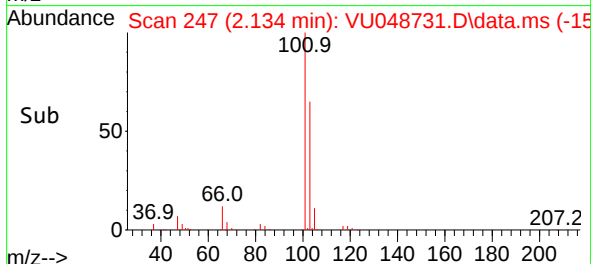
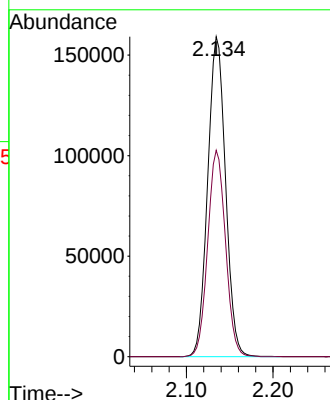
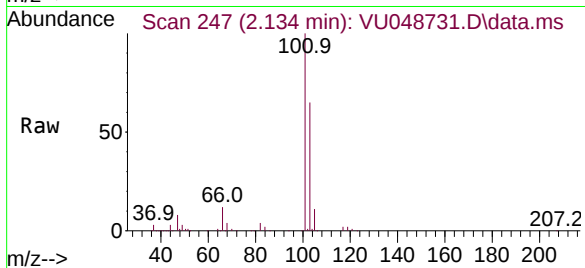




#7
 Trichlorofluoromethane
 Concen: 45.927 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

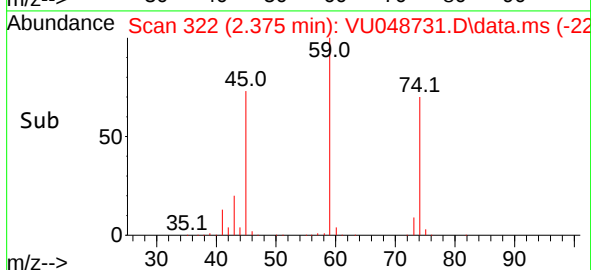
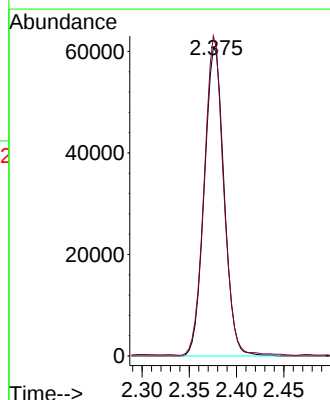
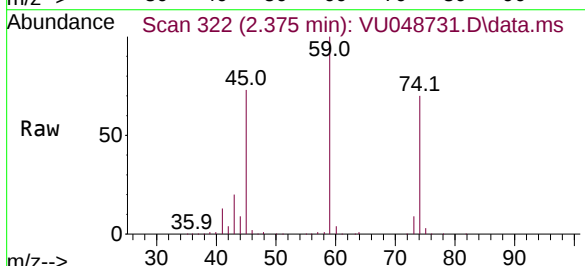
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

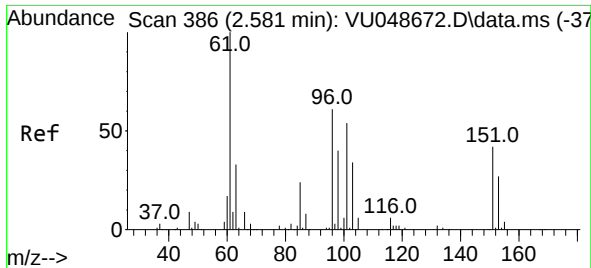
Tgt Ion:101 Resp: 227911
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.0 76.4



#8
 Diethyl Ether
 Concen: 48.403 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

Tgt Ion: 74 Resp: 88638
 Ion Ratio Lower Upper
 74 100
 45 101.7 47.7 143.1

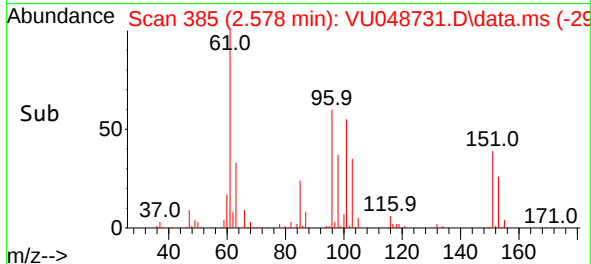
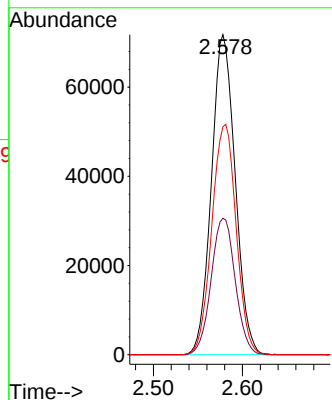
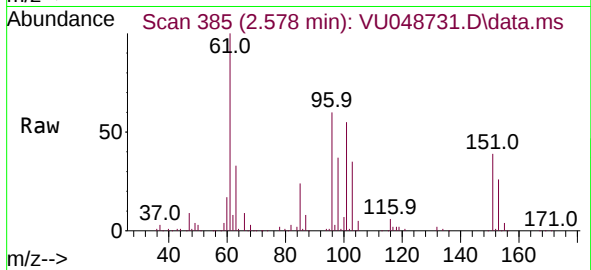




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.959 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

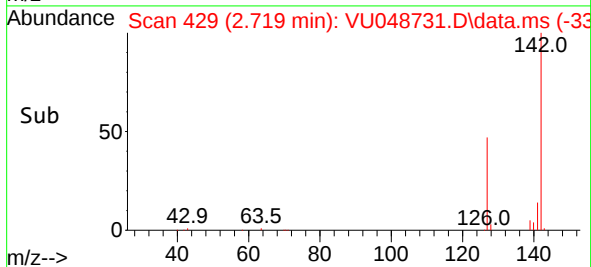
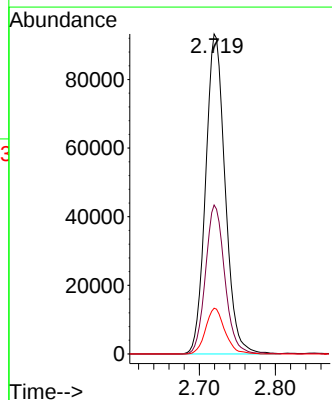
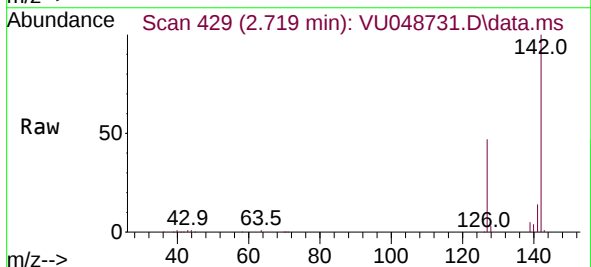
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

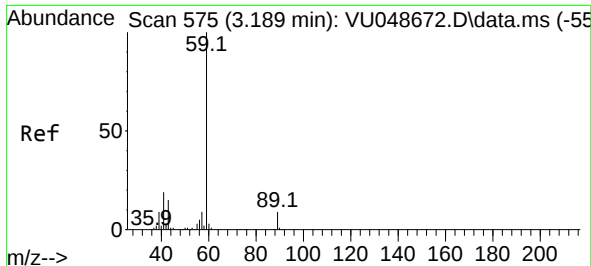
Tgt Ion:101 Resp: 132993
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 73.9 62.5 93.7



#10
Methyl Iodide
Concen: 41.694 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:142 Resp: 166091
Ion Ratio Lower Upper
142 100
127 45.9 38.4 57.6
141 14.1 11.5 17.3

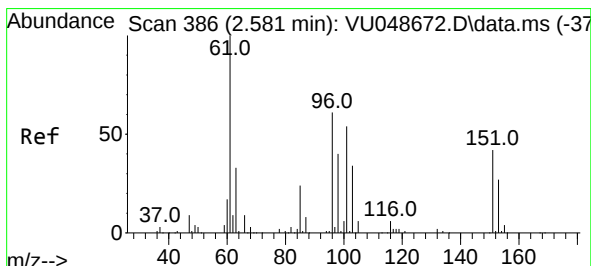
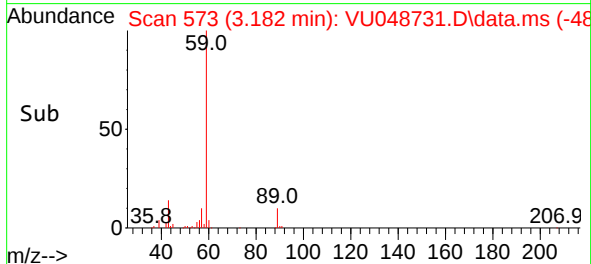
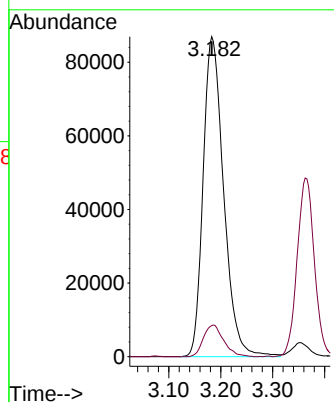
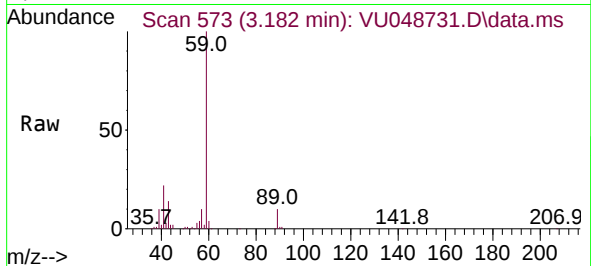




#11
Tert butyl alcohol
Concen: 246.166 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

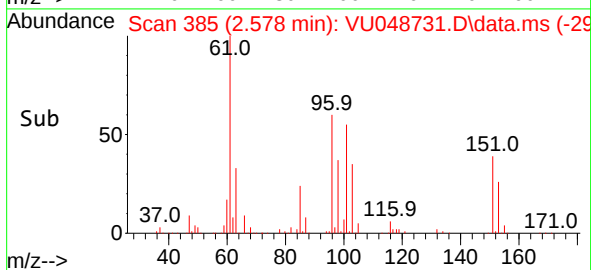
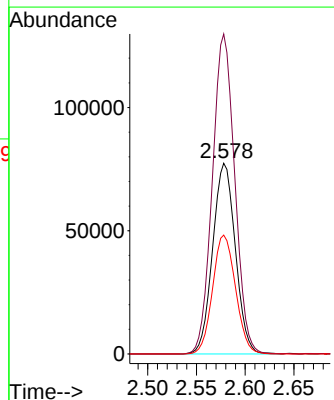
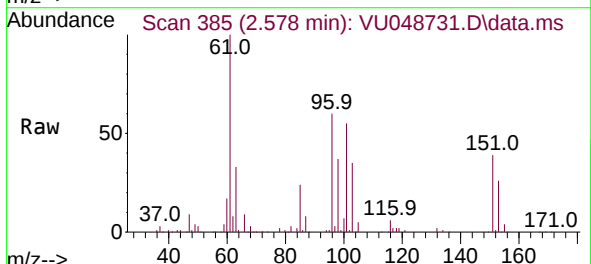
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

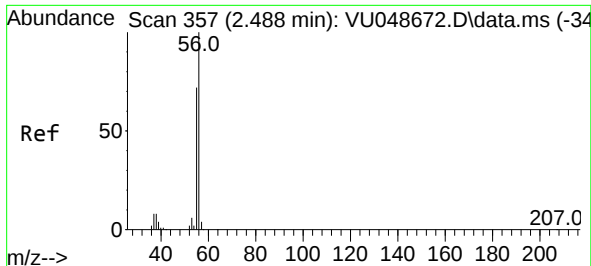
Tgt Ion: 59 Resp: 238601
Ion Ratio Lower Upper
59 100
57 9.8 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 48.444 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 96 Resp: 125517
Ion Ratio Lower Upper
96 100
61 167.8 131.1 196.7
98 62.4 51.8 77.8

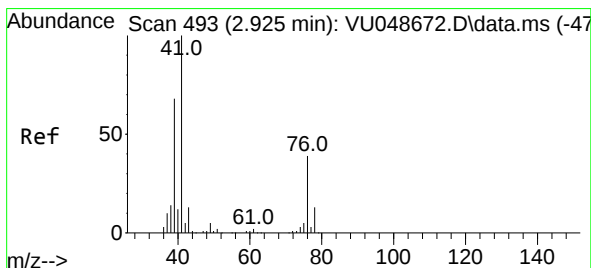
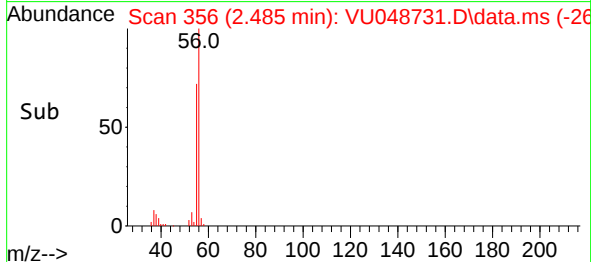
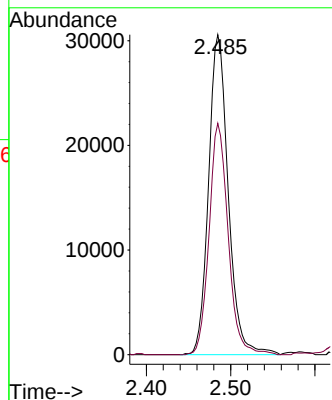
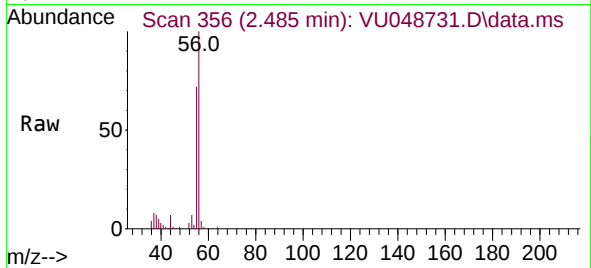




#13
Acrolein
Concen: 153.002 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

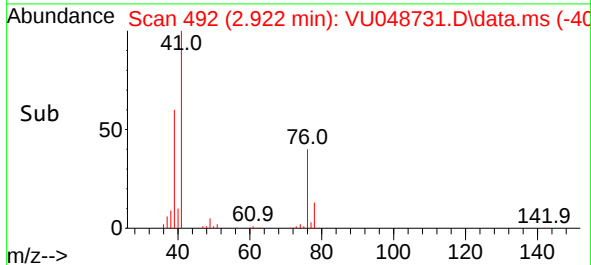
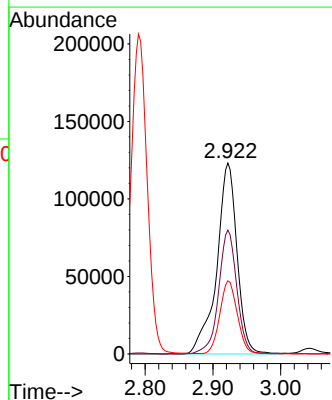
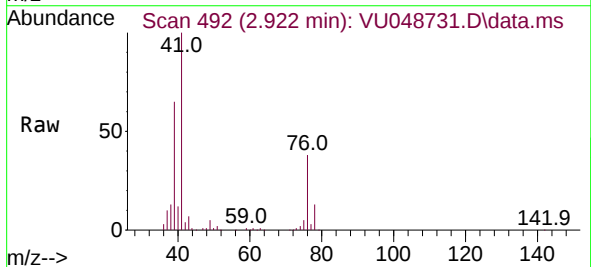
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

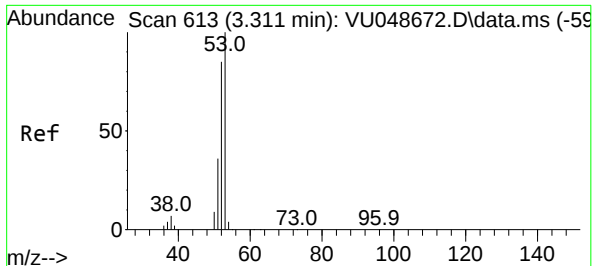
Tgt Ion: 56 Resp: 49674
Ion Ratio Lower Upper
56 100
55 70.2 57.7 86.5



#14
Allyl chloride
Concen: 51.167 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 41 Resp: 256773
Ion Ratio Lower Upper
41 100
39 58.0 48.6 72.8
76 32.6 27.0 40.4

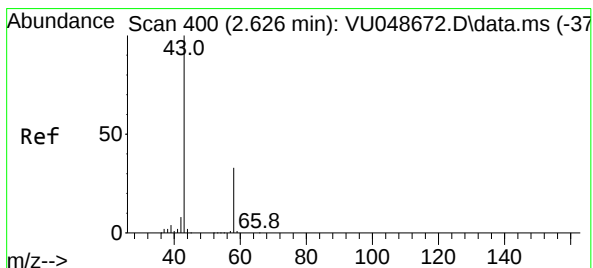
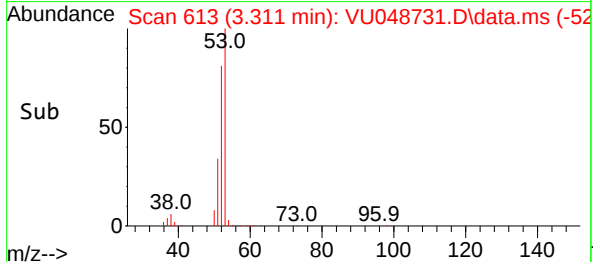
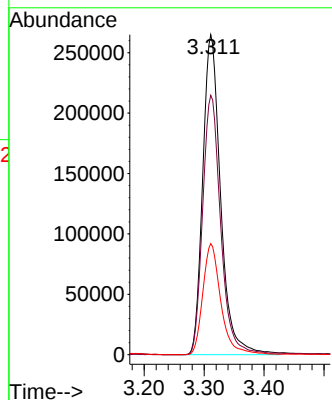
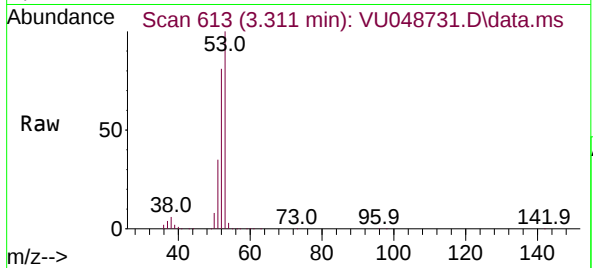




#15
Acrylonitrile
Concen: 262.184 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

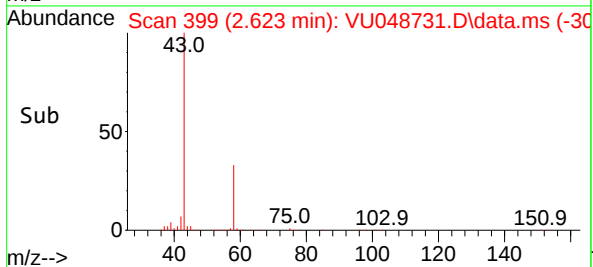
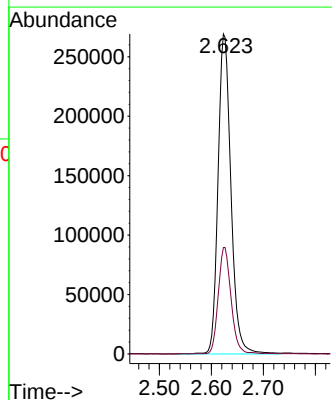
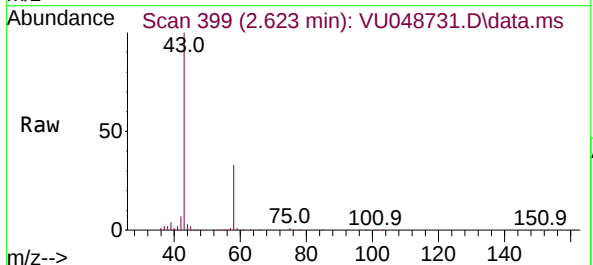
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

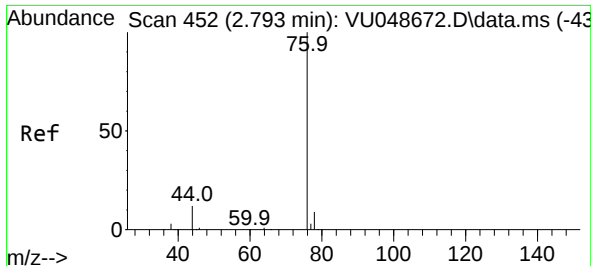
Tgt Ion: 53 Resp: 551156
Ion Ratio Lower Upper
53 100
52 81.6 66.3 99.5
51 35.1 28.6 42.8



#16
Acetone
Concen: 238.191 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 43 Resp: 464082
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5

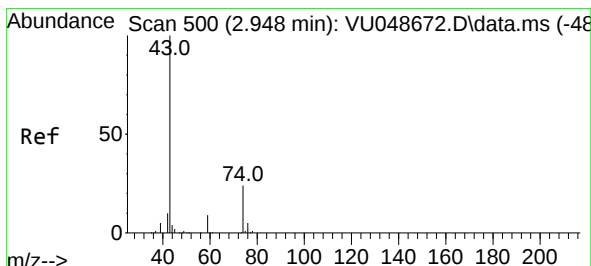
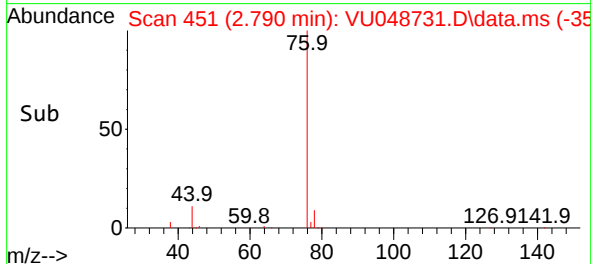
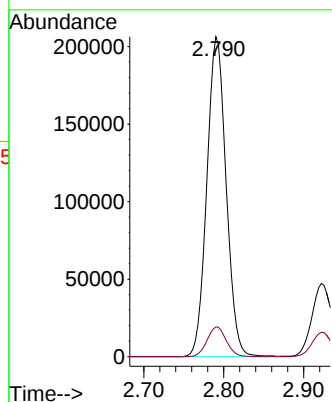
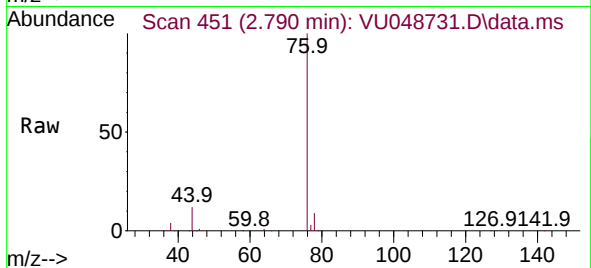




#17
Carbon Disulfide
Concen: 45.709 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

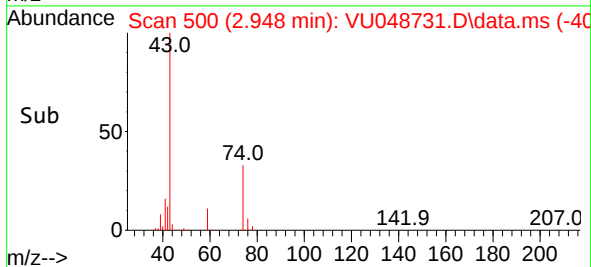
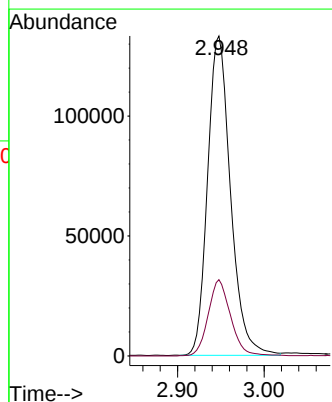
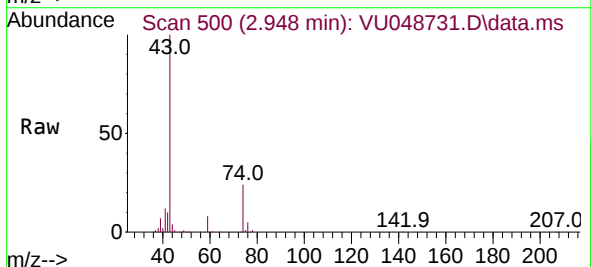
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

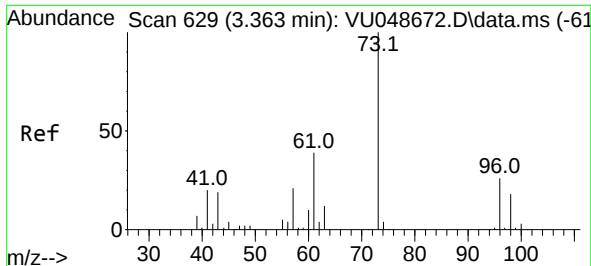
Tgt Ion: 76 Resp: 345725
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 50.032 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 43 Resp: 244748
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 50.883 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

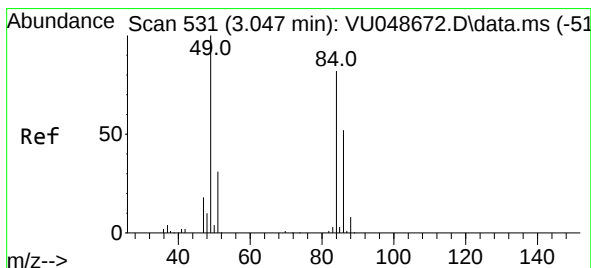
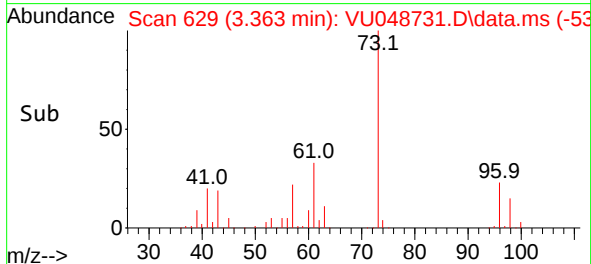
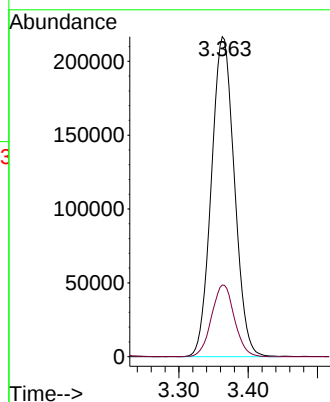
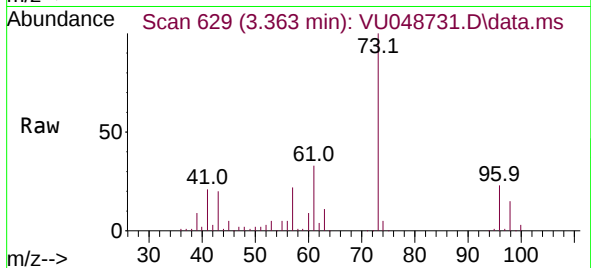
VSTDCCC050

Tgt Ion: 73 Resp: 500239

Ion Ratio Lower Upper

73 100

57 22.4 17.1 25.7



#20

Methylene Chloride

Concen: 46.653 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Tgt Ion: 84 Resp: 154572

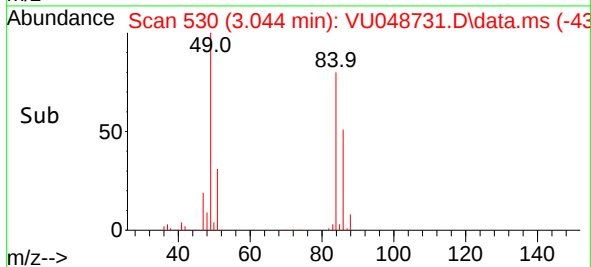
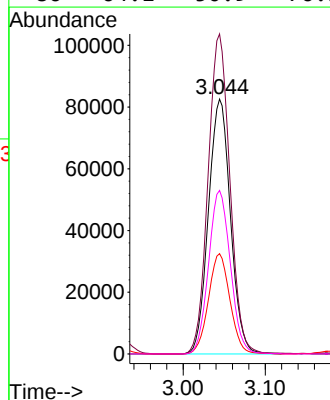
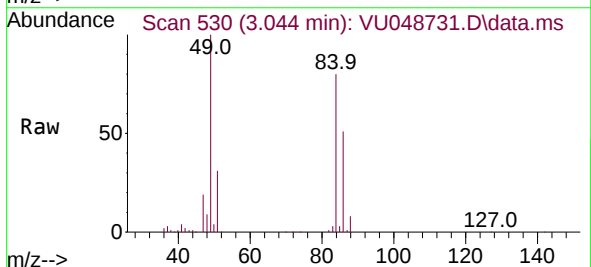
Ion Ratio Lower Upper

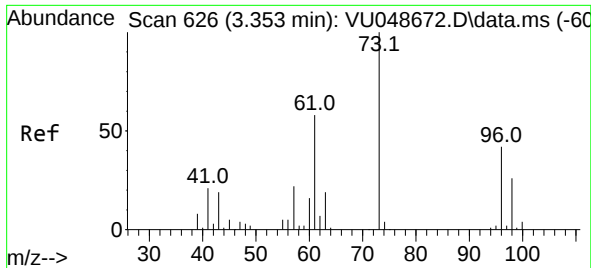
84 100

49 125.5 97.0 145.4

51 39.4 29.8 44.8

86 64.1 50.9 76.3

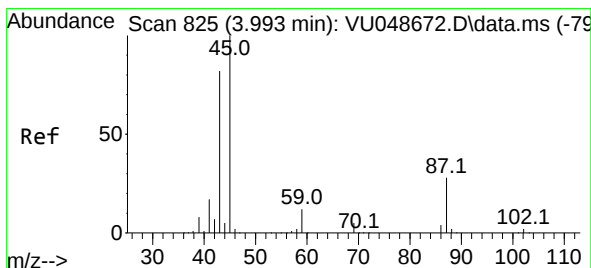
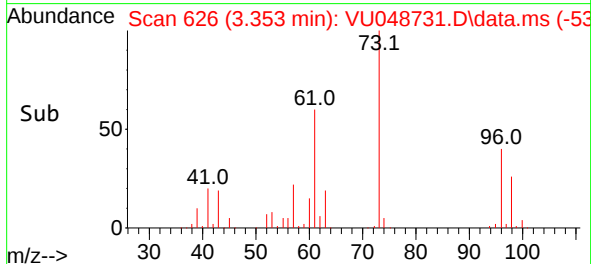
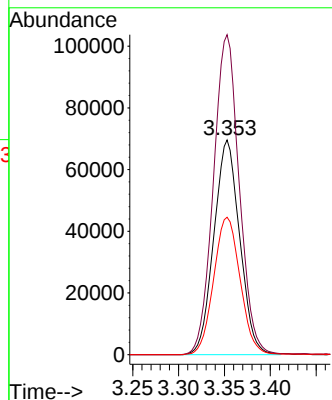
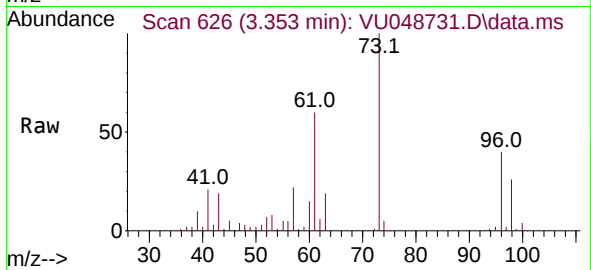




#21
trans-1,2-Dichloroethene
Concen: 45.996 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

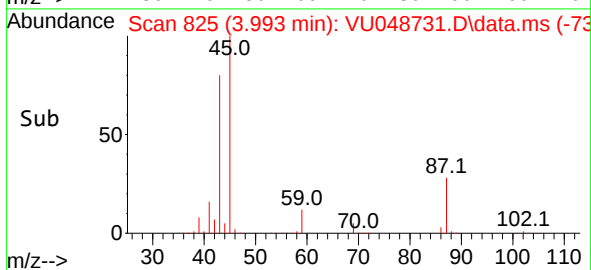
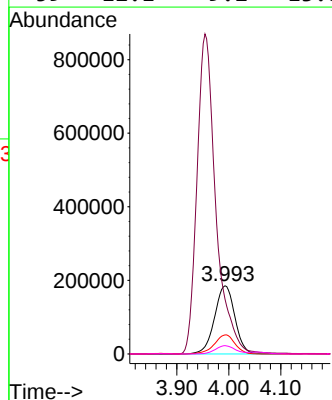
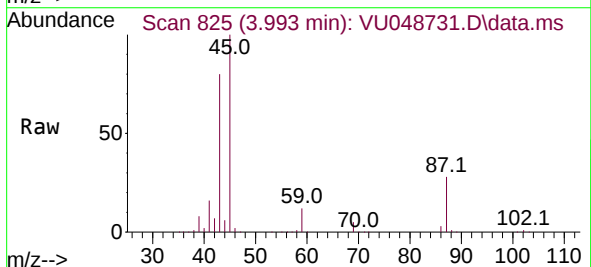
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

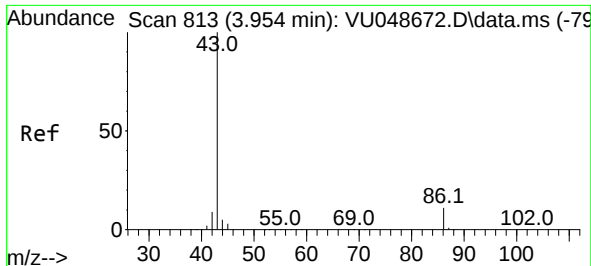
Tgt Ion: 96 Resp: 136322
Ion Ratio Lower Upper
96 100
61 149.0 109.4 164.2
98 64.0 48.9 73.3



#22
Diisopropyl ether
Concen: 54.282 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 45 Resp: 502481
Ion Ratio Lower Upper
45 100
43 80.2 65.2 97.8
87 28.0 22.7 34.1
59 12.1 9.2 13.8

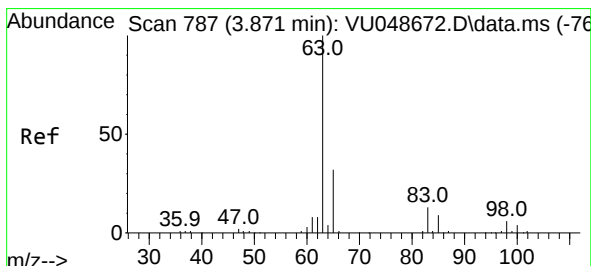
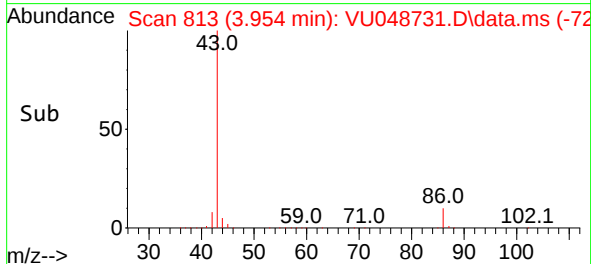
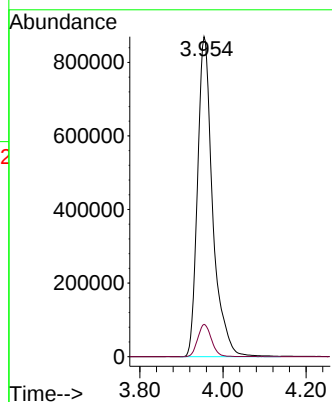
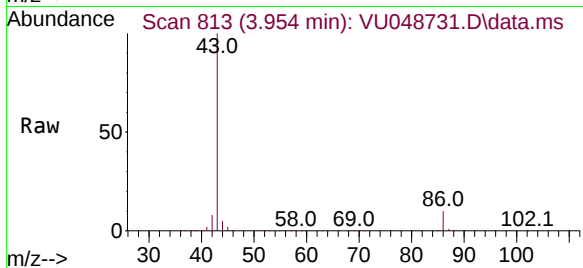




#23
 Vinyl Acetate
 Concen: 273.888 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

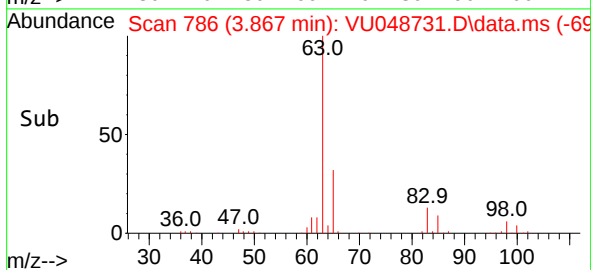
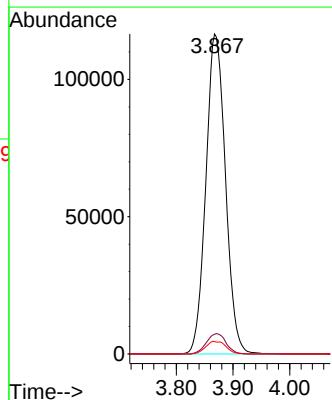
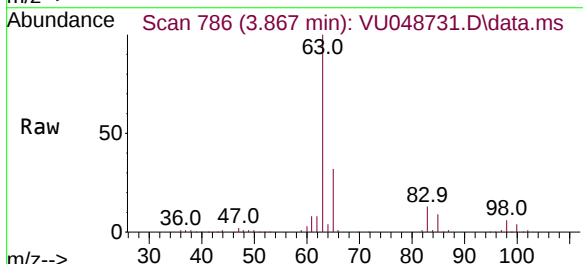
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

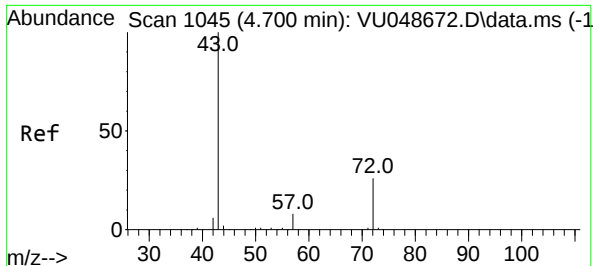
Tgt Ion: 43 Resp: 2196661
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 48.138 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

Tgt Ion: 63 Resp: 279867
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 264.581 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

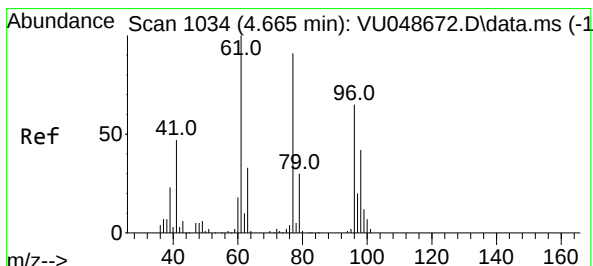
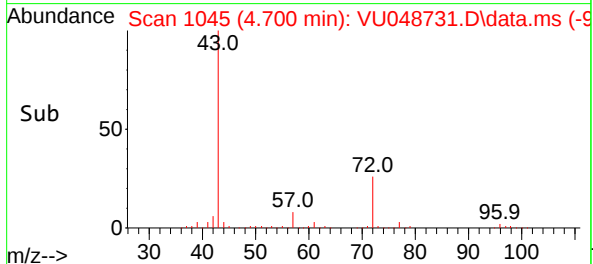
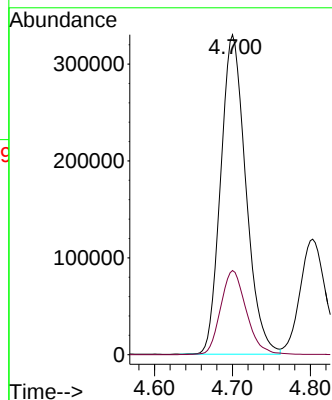
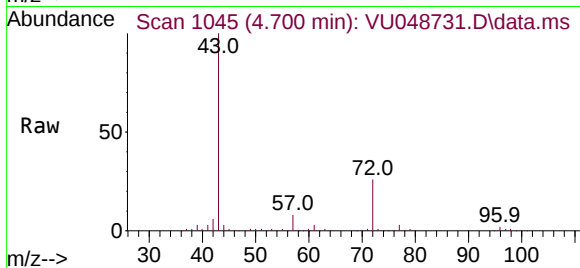
VSTDCCC050

Tgt Ion: 43 Resp: 740561

Ion Ratio Lower Upper

43 100

72 26.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 46.415 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048731.D

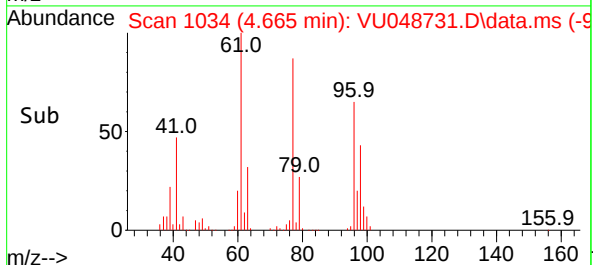
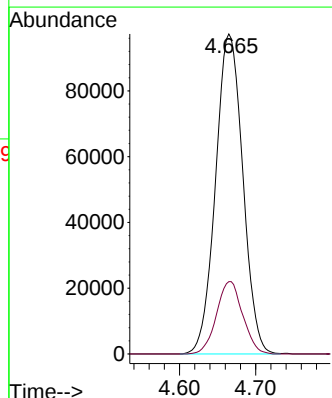
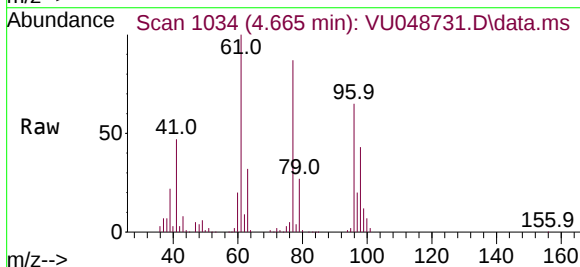
Acq: 31 May 2022 11:00

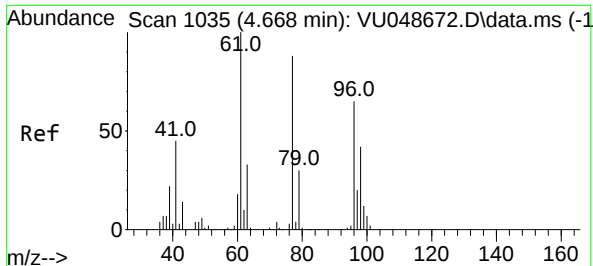
Tgt Ion: 77 Resp: 242093

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 48.372 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

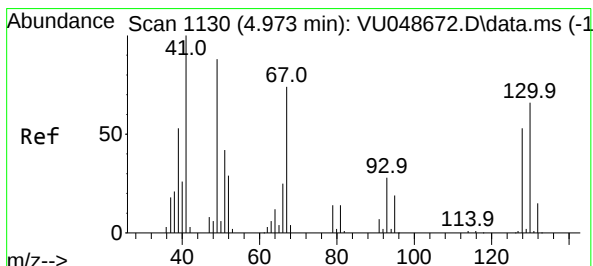
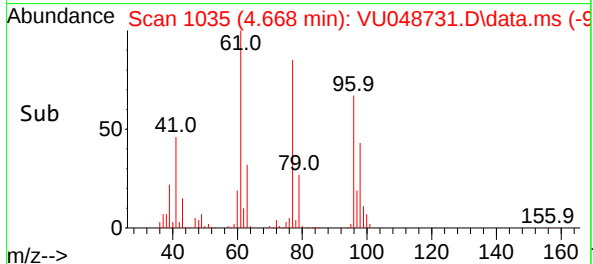
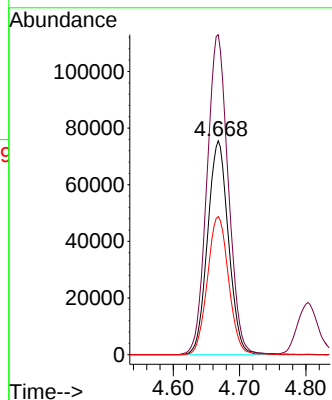
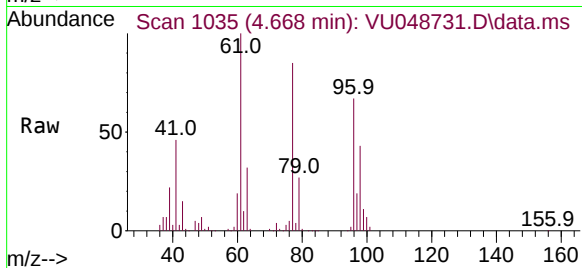
Tgt Ion: 96 Resp: 165943

Ion Ratio Lower Upper

96 100

61 152.1 0.0 306.2

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.831 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

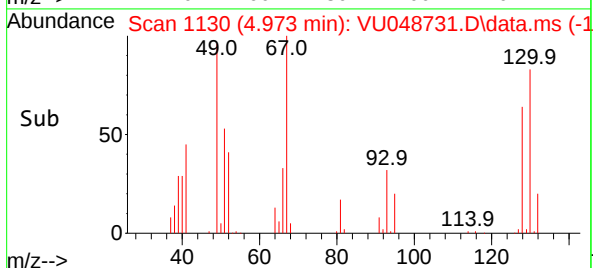
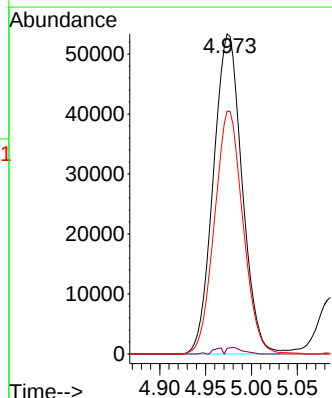
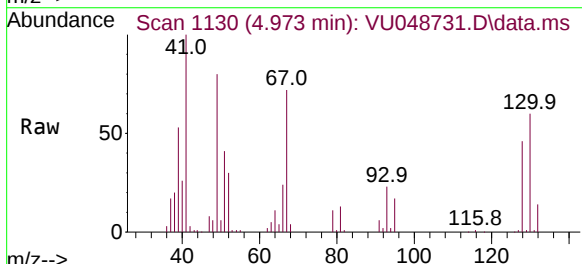
Tgt Ion: 49 Resp: 115915

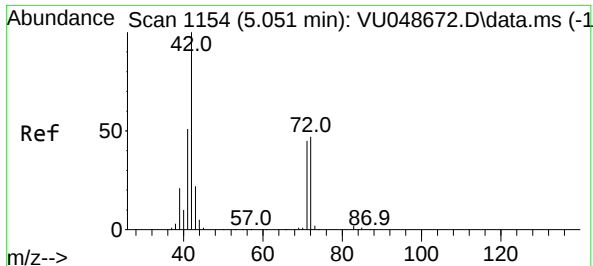
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 75.5 62.1 93.1





#29

Tetrahydrofuran

Concen: 272.245 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

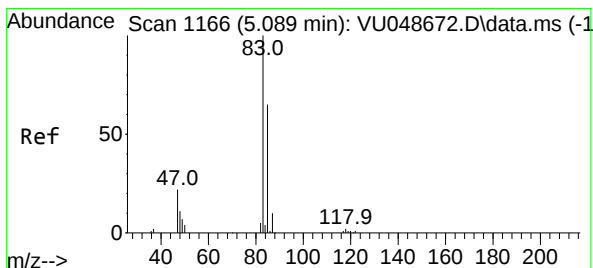
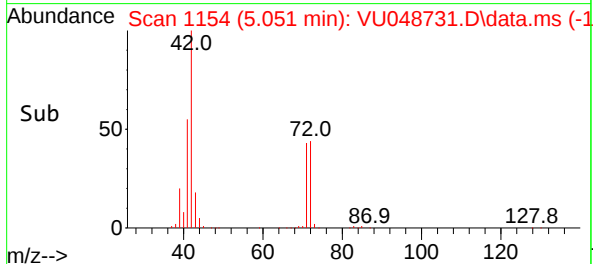
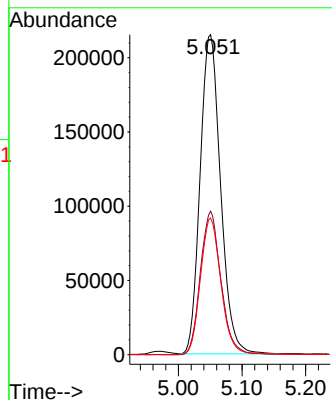
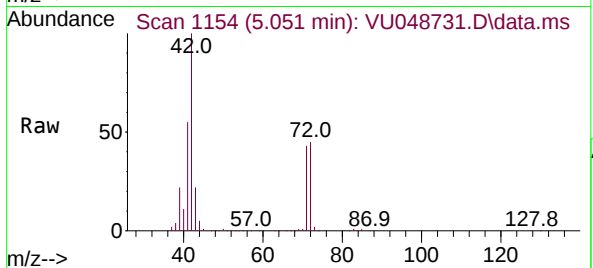
Tgt Ion: 42 Resp: 479986

Ion Ratio Lower Upper

42 100

72 45.3 37.6 56.4

71 42.6 35.0 52.4



#30

Chloroform

Concen: 49.535 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048731.D

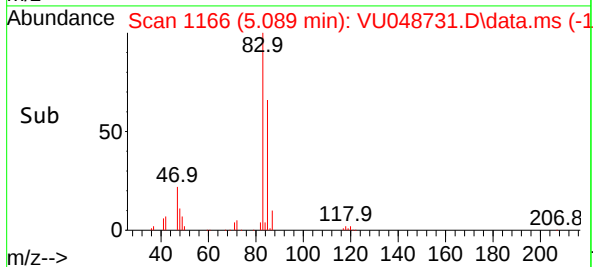
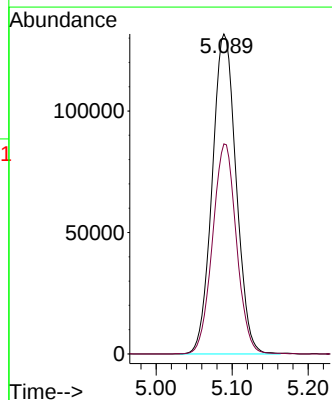
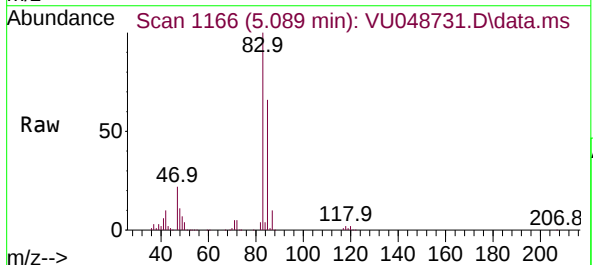
Acq: 31 May 2022 11:00

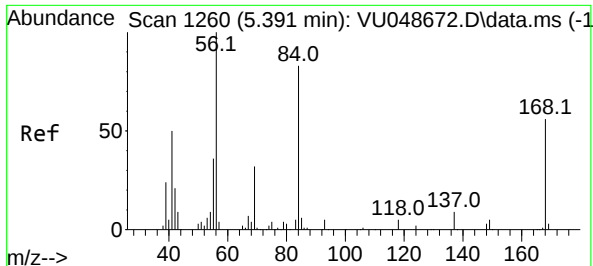
Tgt Ion: 83 Resp: 288156

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.2

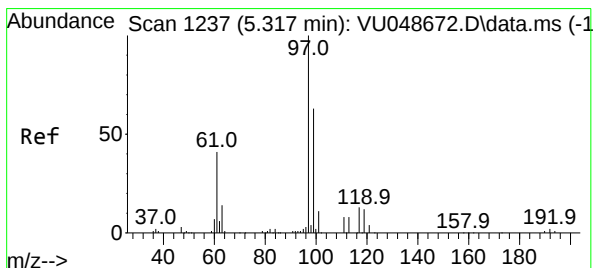
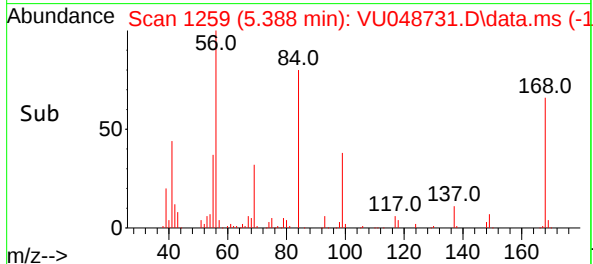
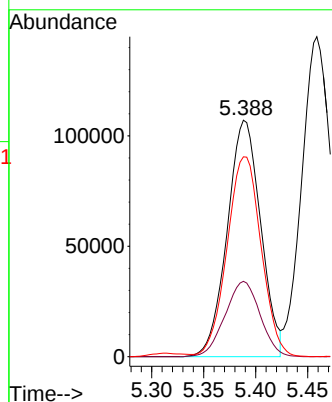
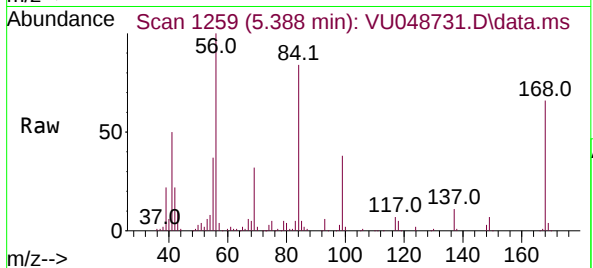




#31
Cyclohexane
Concen: 49.755 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

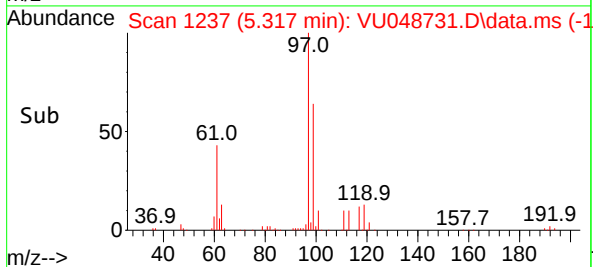
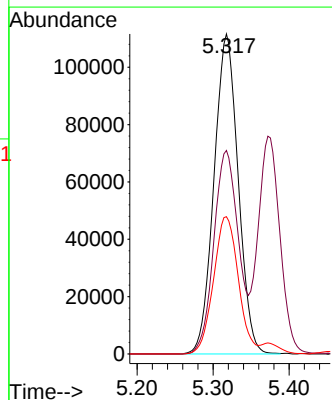
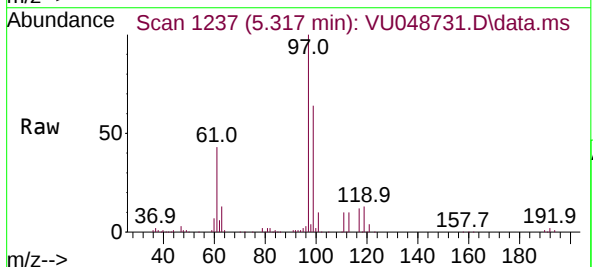
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

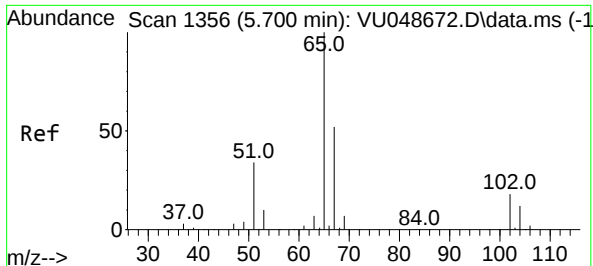
Tgt Ion: 56 Resp: 239719
Ion Ratio Lower Upper
56 100
69 31.9 25.6 38.4
84 83.3 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 46.676 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 97 Resp: 246339
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.041 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

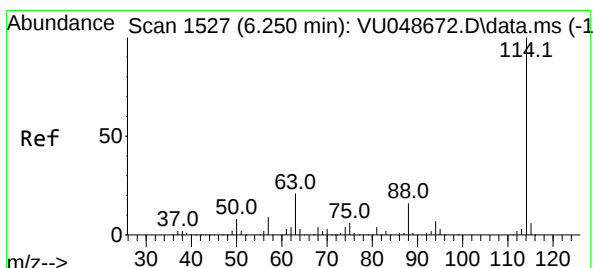
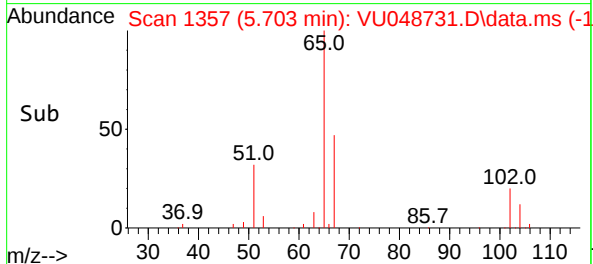
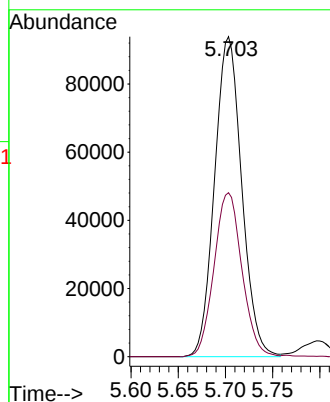
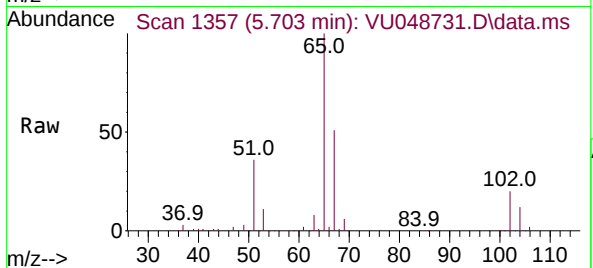
VSTDCCC050

Tgt Ion: 65 Resp: 187490

Ion Ratio Lower Upper

65 100

67 52.6 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: VU048731.D

Acq: 31 May 2022 11:00

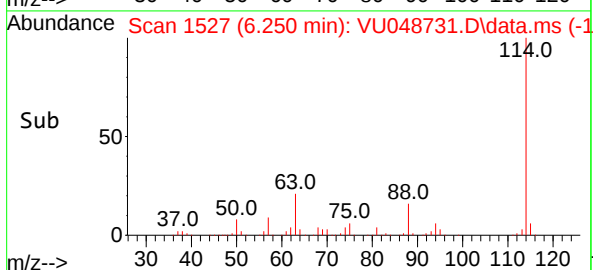
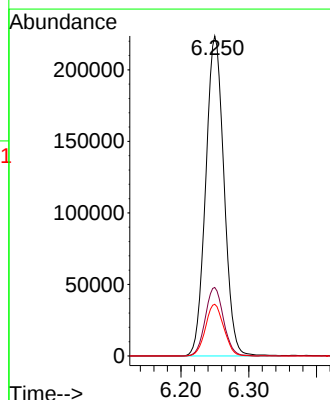
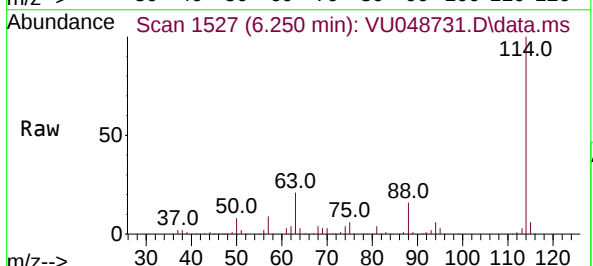
Tgt Ion: 114 Resp: 418643

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.1 0.0 32.2

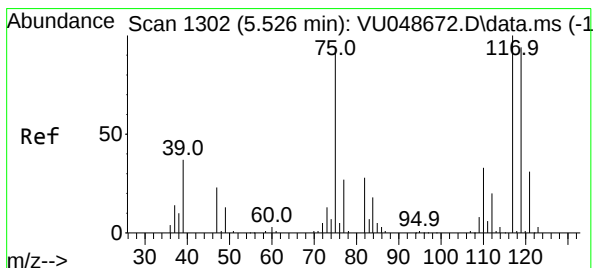
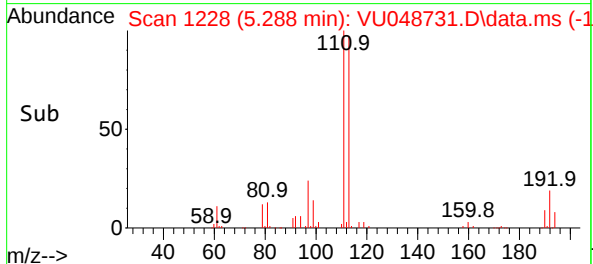
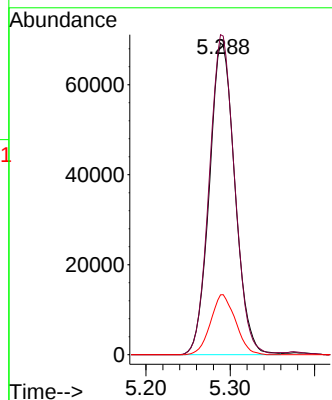
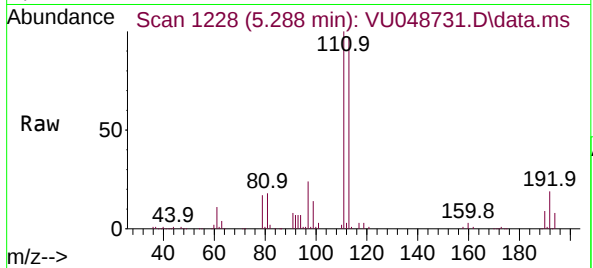




#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

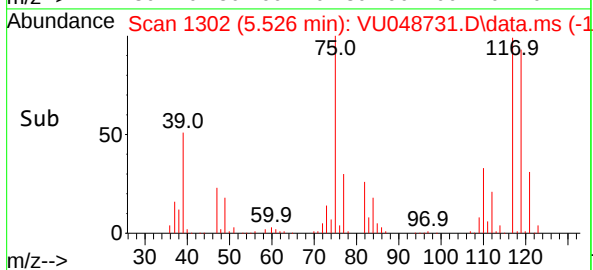
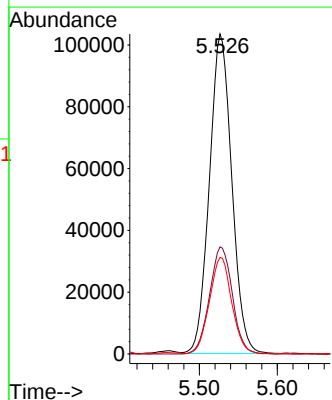
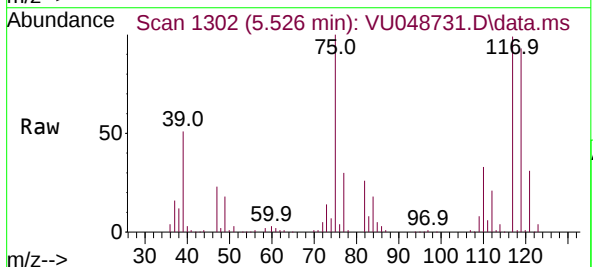
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

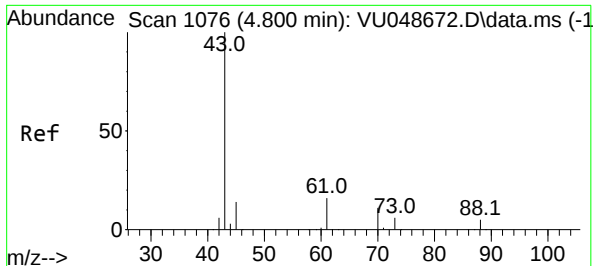
Tgt Ion:113 Resp: 146084
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.380 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 75 Resp: 206531
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 30.3 24.8 37.2





#37

Ethyl Acetate

Concen: 49.692 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

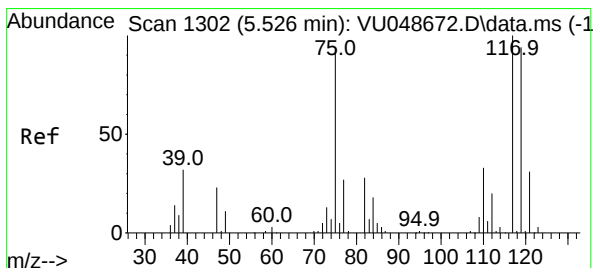
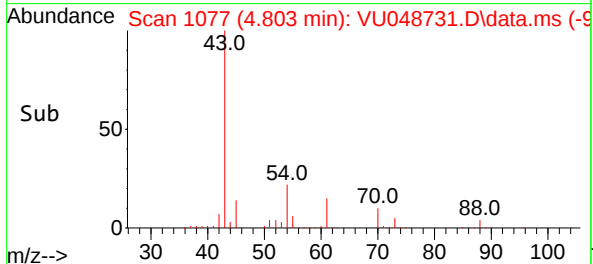
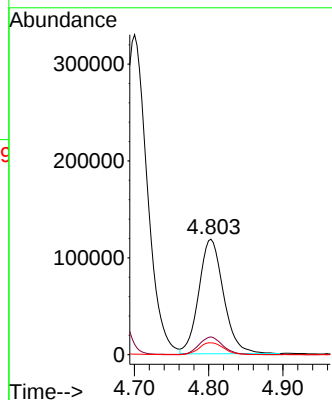
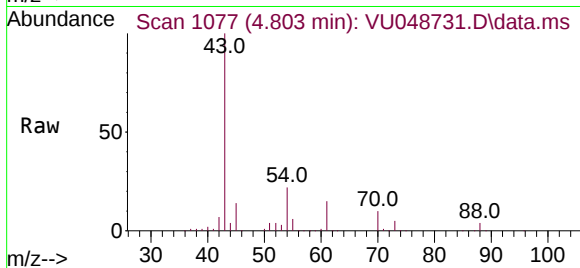
Tgt Ion: 43 Resp: 273833

Ion Ratio Lower Upper

43 100

61 14.6 11.7 17.5

70 10.4 8.4 12.6



#38

Carbon Tetrachloride

Concen: 44.411 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

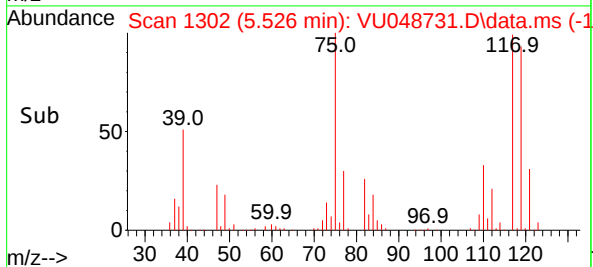
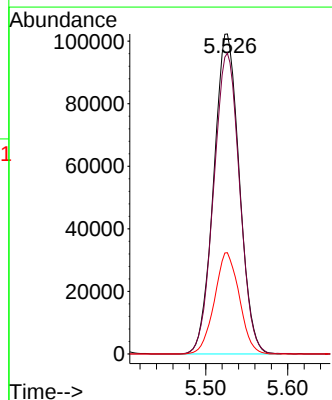
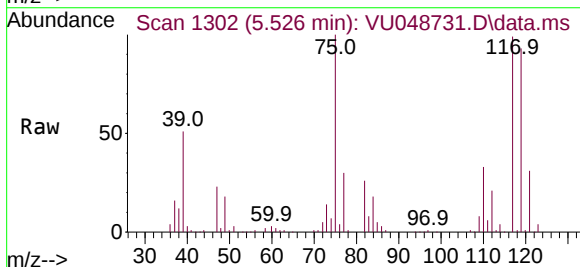
Tgt Ion: 117 Resp: 222097

Ion Ratio Lower Upper

117 100

119 94.0 75.4 113.2

121 31.7 24.6 36.8





#39

Methylcyclohexane

Concen: 50.812 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

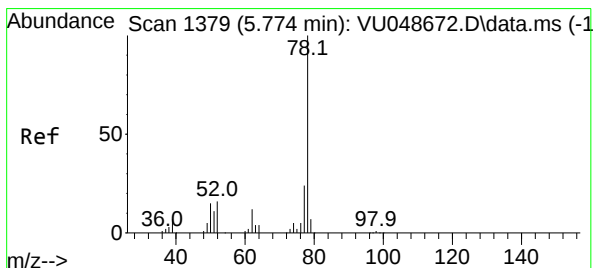
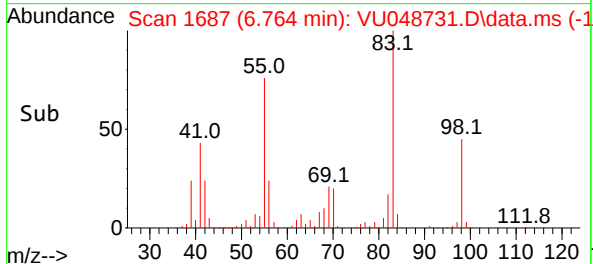
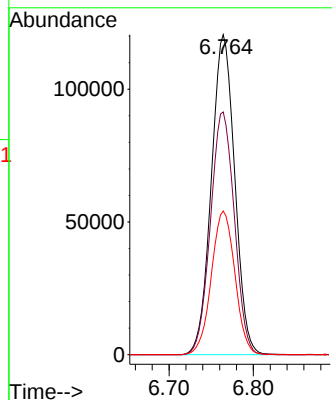
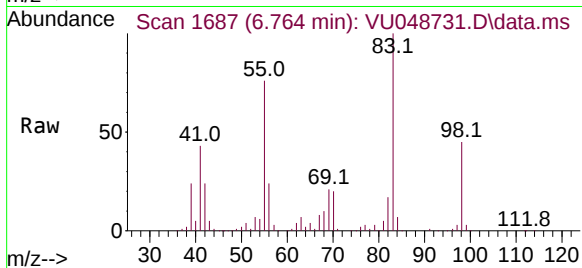
Tgt Ion: 83 Resp: 232238

Ion Ratio Lower Upper

83 100

55 75.8 61.0 91.6

98 44.9 36.8 55.2



#40

Benzene

Concen: 46.587 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048731.D

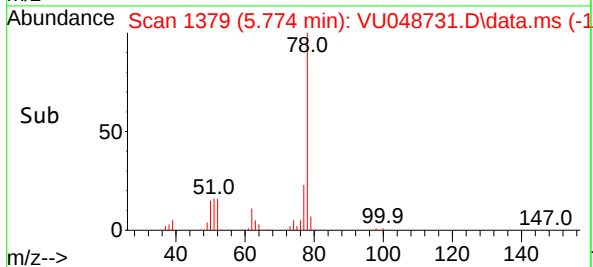
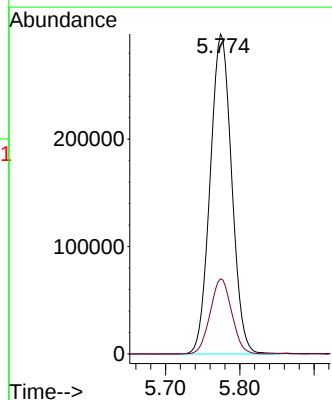
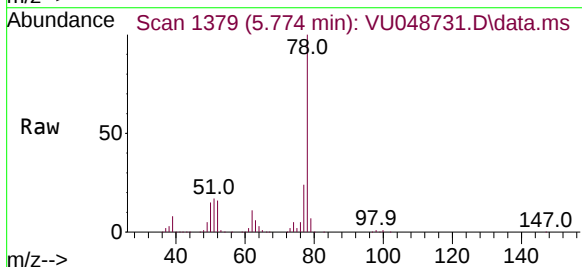
Acq: 31 May 2022 11:00

Tgt Ion: 78 Resp: 599538

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



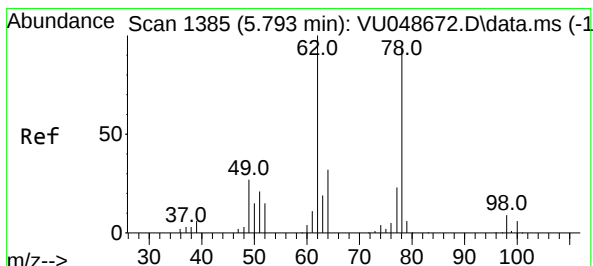
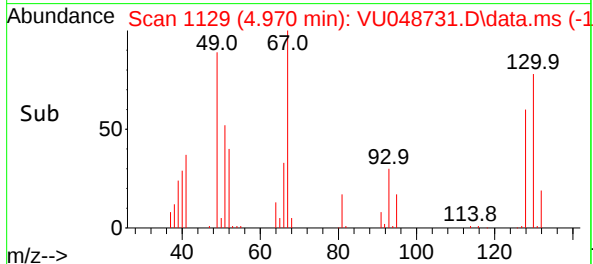
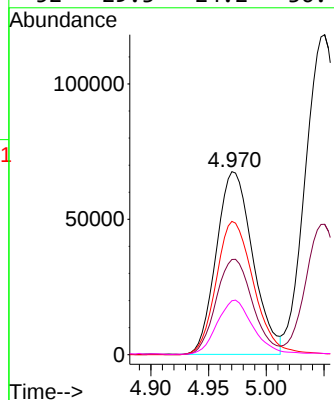
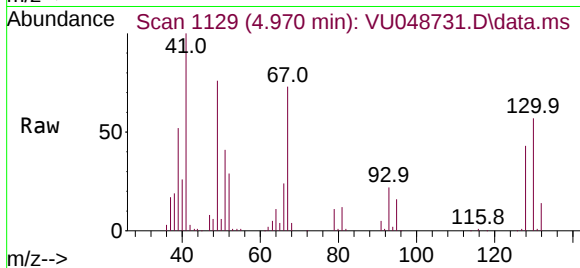


#41
Methacrylonitrile
Concen: 53.162 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 148039

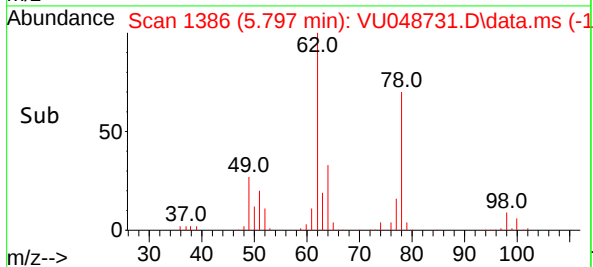
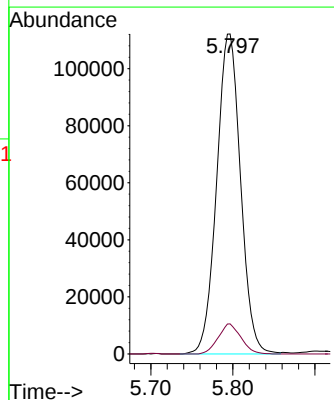
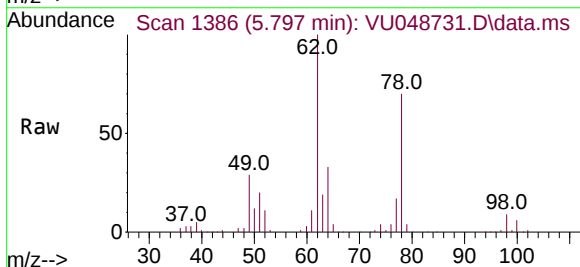
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.6	64.0
67	75.6	61.0	91.4
52	29.3	24.2	36.4

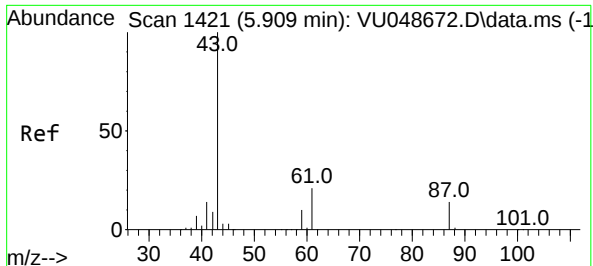


#42
1,2-Dichloroethane
Concen: 45.115 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 62 Resp: 227271

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0





#43

Isopropyl Acetate

Concen: 50.757 ug/l

RT: 5.912 min Scan# 1421

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

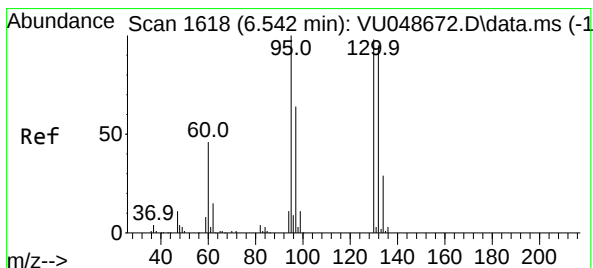
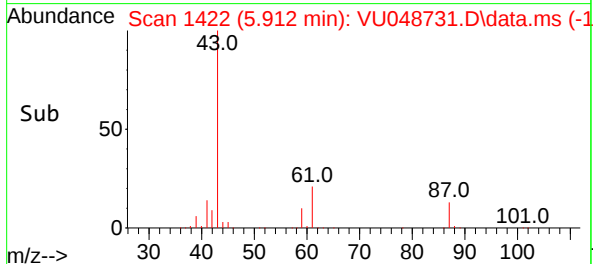
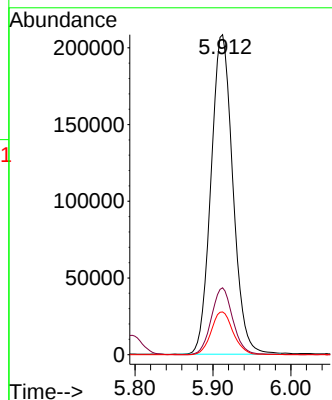
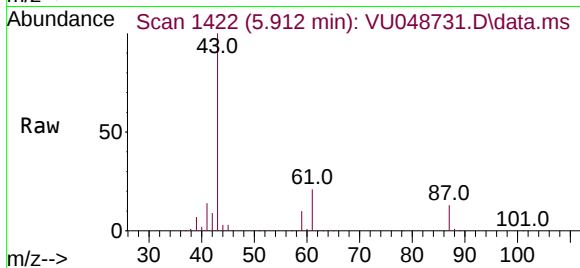
Tgt Ion: 43 Resp: 405961

Ion Ratio Lower Upper

43 100

61 20.7 16.7 25.1

87 13.5 10.9 16.3



#44

Trichloroethene

Concen: 44.781 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048731.D

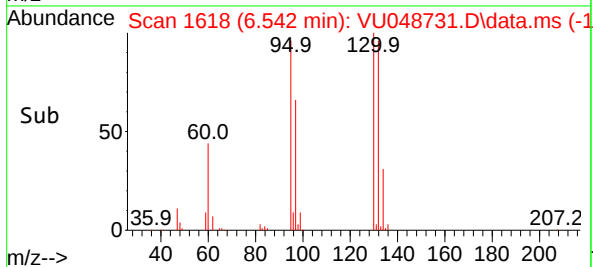
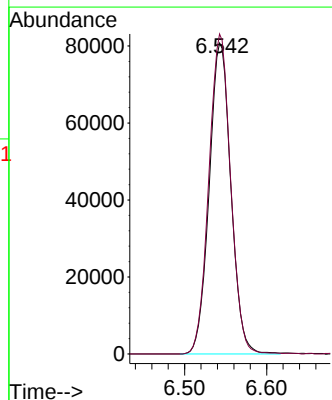
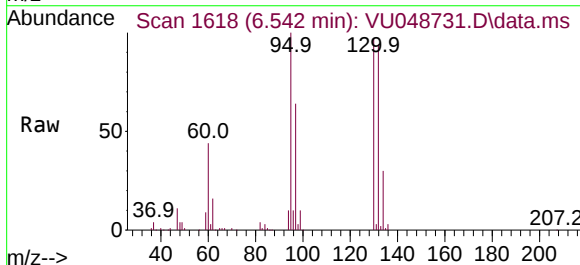
Acq: 31 May 2022 11:00

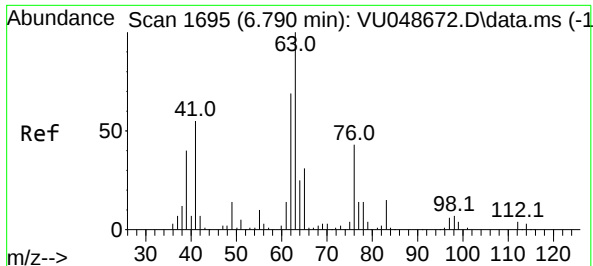
Tgt Ion:130 Resp: 148471

Ion Ratio Lower Upper

130 100

95 102.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.730 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

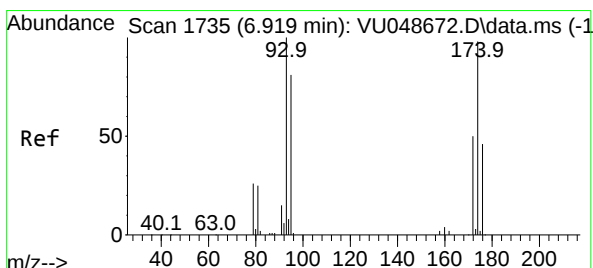
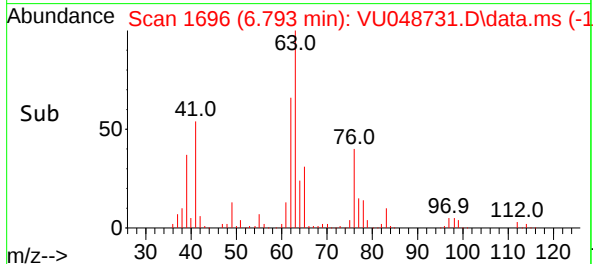
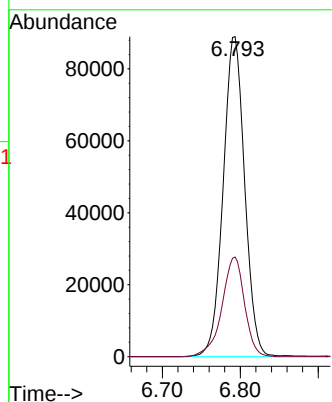
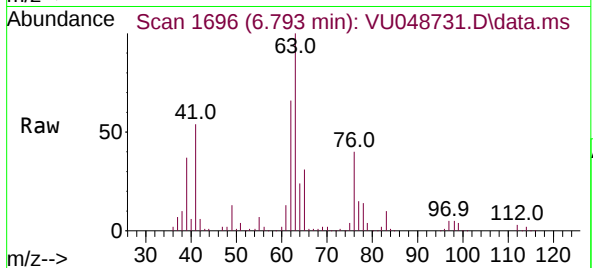
VSTDCCC050

Tgt Ion: 63 Resp: 170837

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



#46

Dibromomethane

Concen: 47.304 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

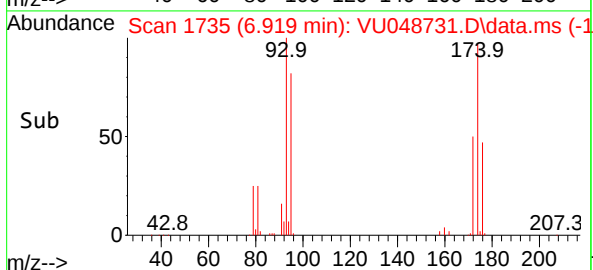
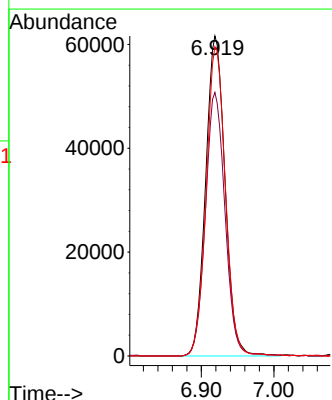
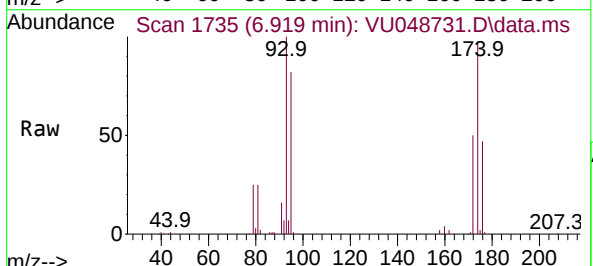
Tgt Ion: 93 Resp: 114499

Ion Ratio Lower Upper

93 100

95 83.1 65.1 97.7

174 95.6 77.8 116.6

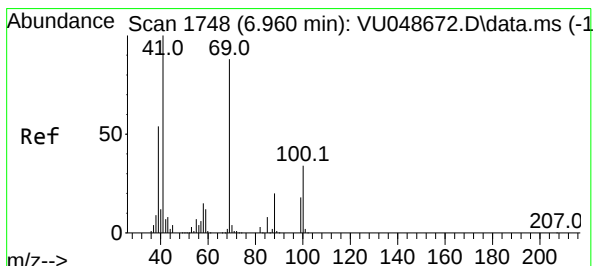
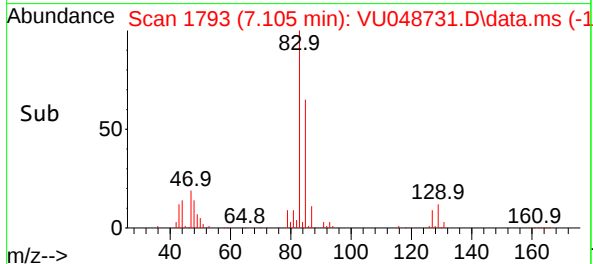
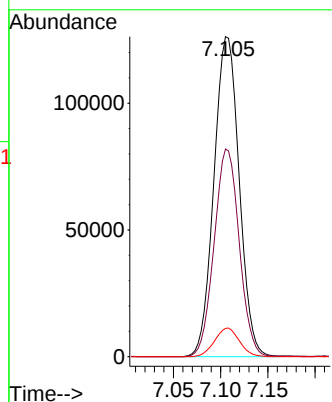
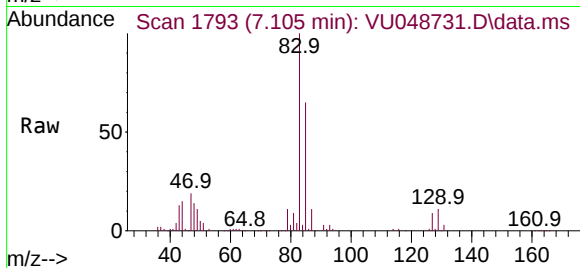




#47
Bromodichloromethane
Concen: 47.927 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

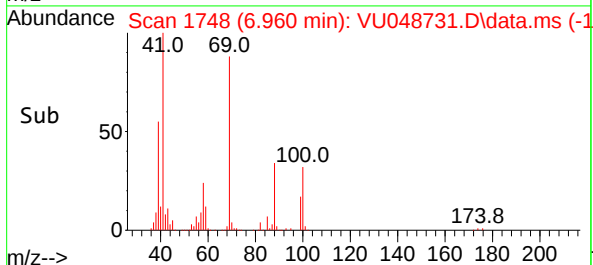
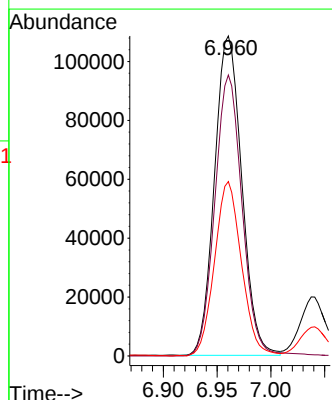
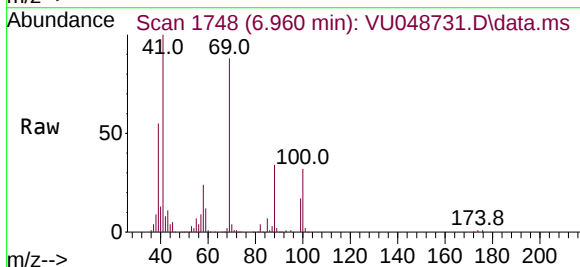
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 234599
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 53.360 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 41 Resp: 191593
Ion Ratio Lower Upper
41 100
69 87.9 70.7 106.1
39 53.9 43.4 65.2

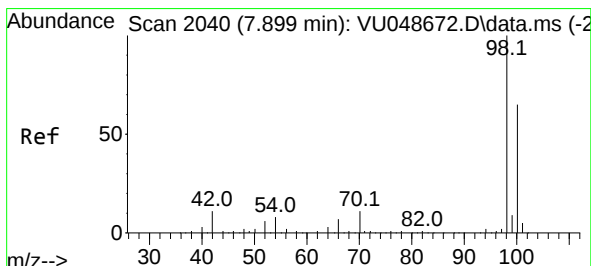
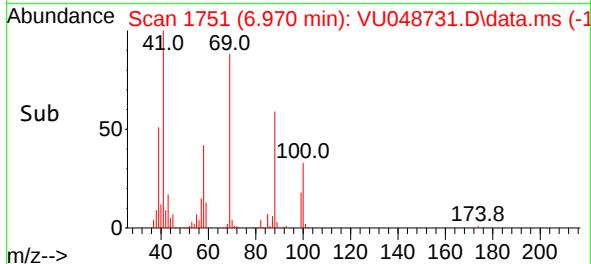
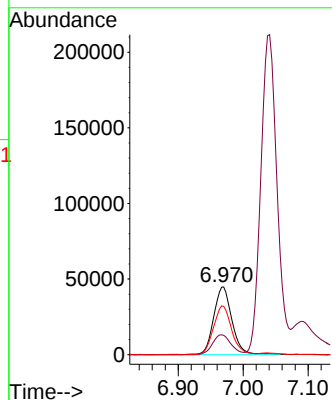
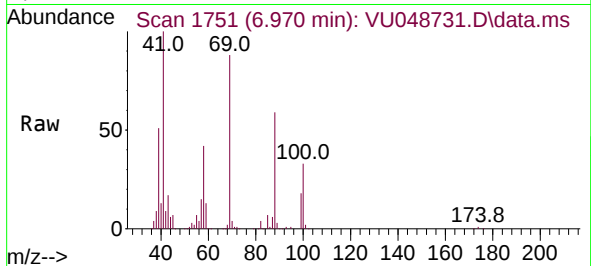




#49
1,4-Dioxane
Concen: 1089.347 ug/l
RT: 6.970 min Scan# 1752
Delta R.T. -0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

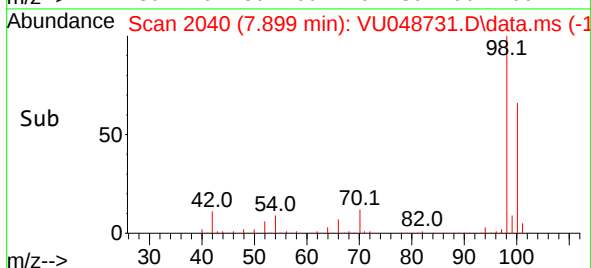
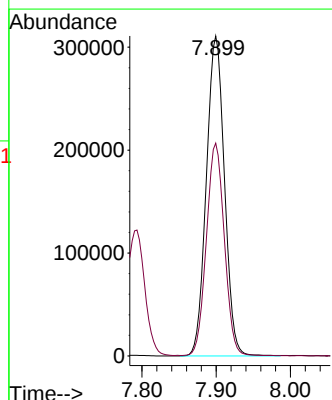
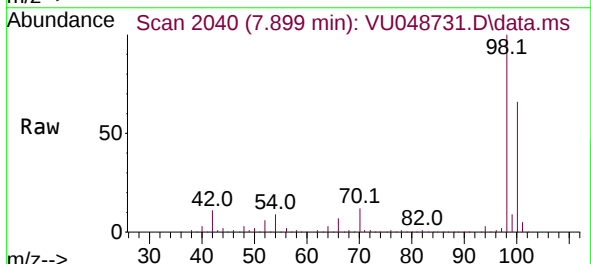
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 87436
Ion Ratio Lower Upper
88 100
43 29.6 24.6 36.8
58 71.5 54.7 82.1



#50
Toluene-d8
Concen: 49.192 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 98 Resp: 526660
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

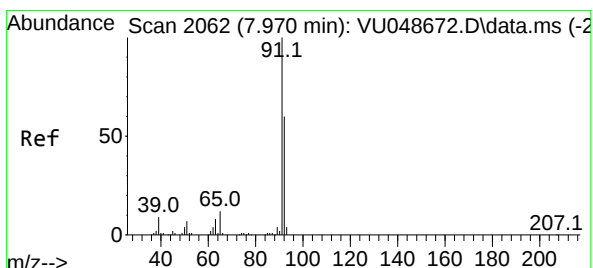
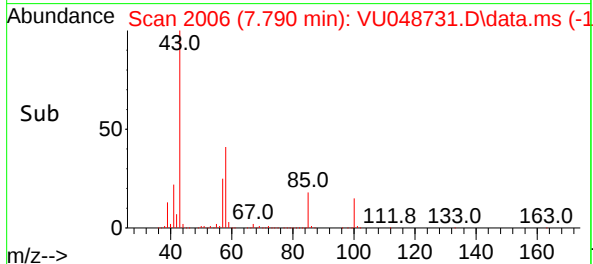
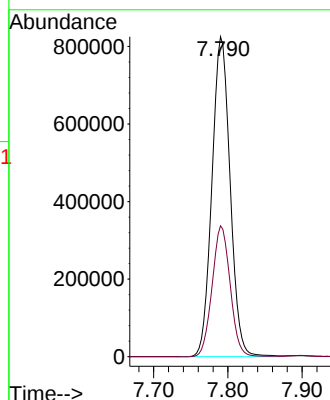
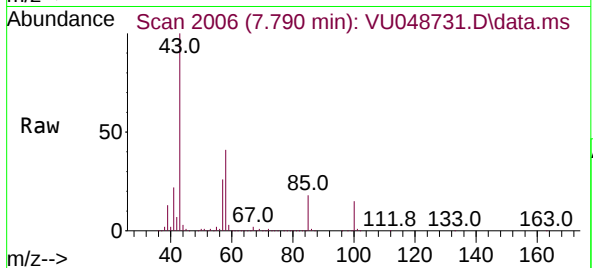




#51
4-Methyl-2-Pentanone
Concen: 270.130 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

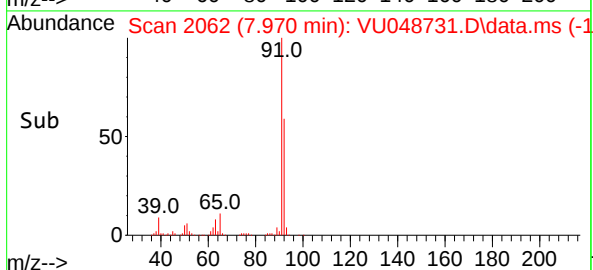
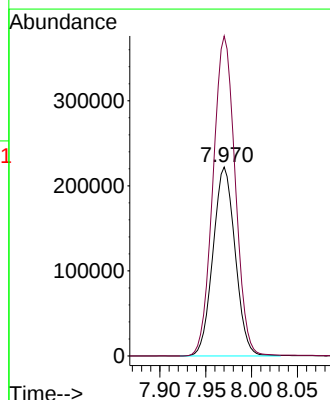
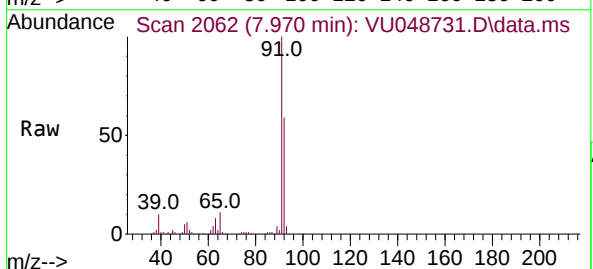
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

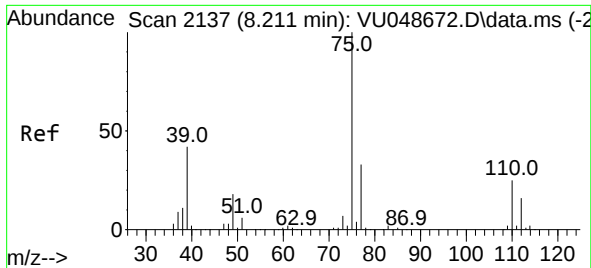
Tgt Ion: 43 Resp: 1402889
Ion Ratio Lower Upper
43 100
58 40.5 32.7 49.1



#52
Toluene
Concen: 48.481 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 92 Resp: 373186
Ion Ratio Lower Upper
92 100
91 169.9 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 48.125 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

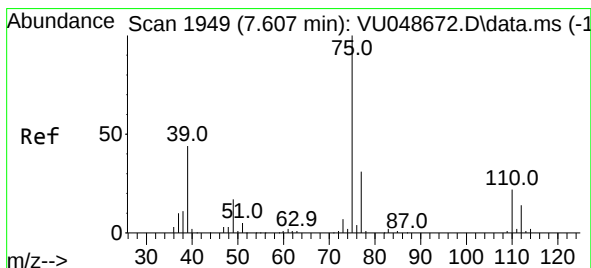
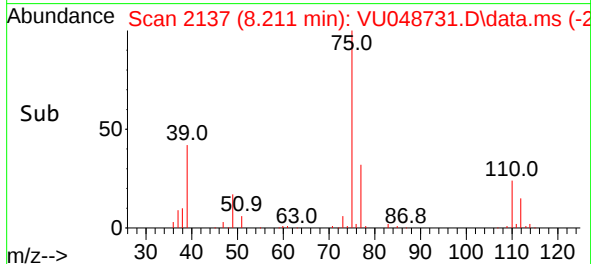
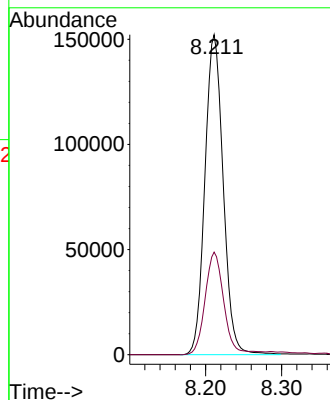
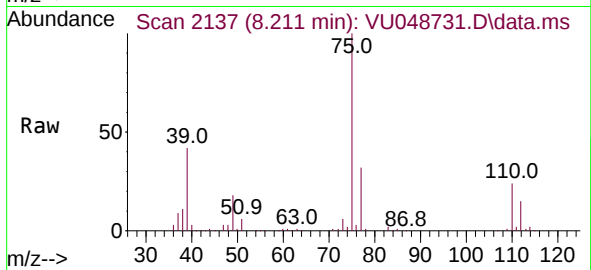
VSTDCCC050

Tgt Ion: 75 Resp: 254111

Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 49.779 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

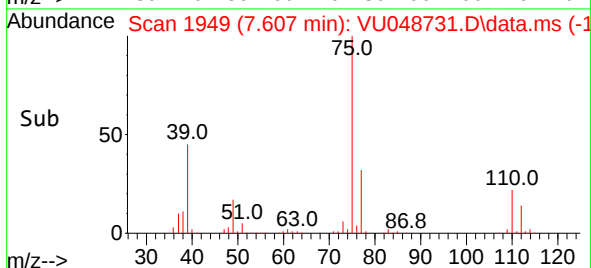
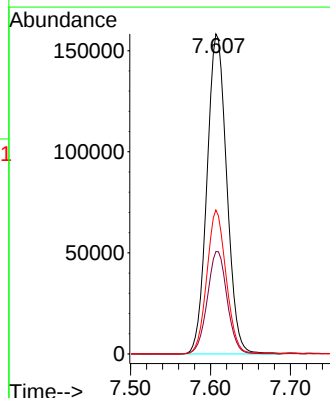
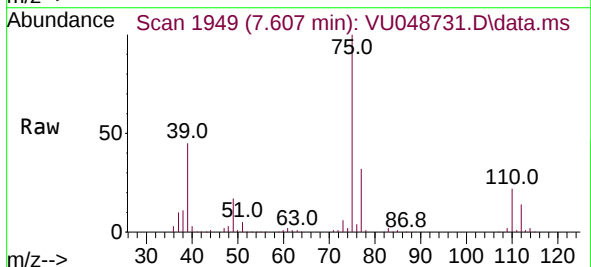
Tgt Ion: 75 Resp: 272370

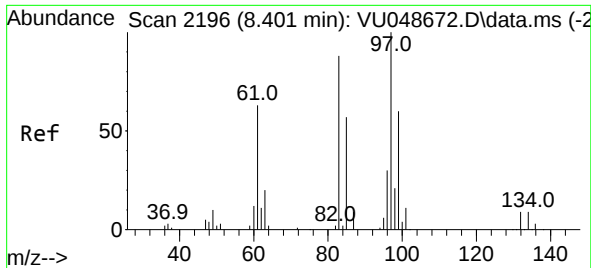
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 45.0 35.2 52.8

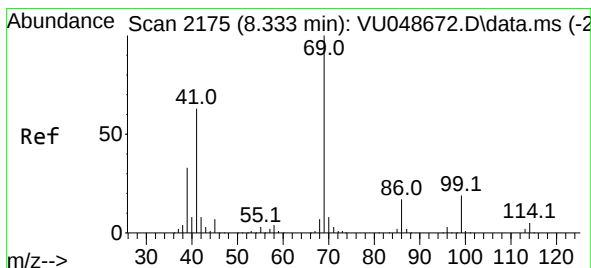
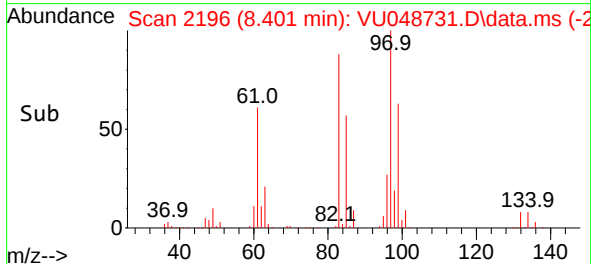
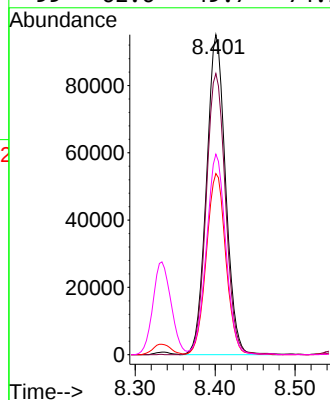
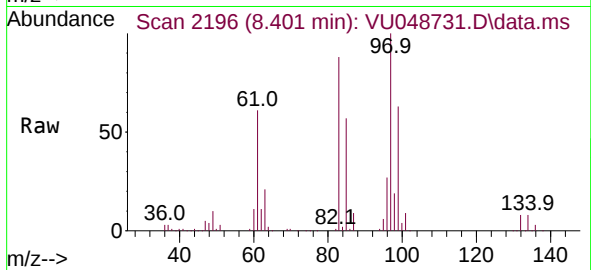




#55
 1,1,2-Trichloroethane
 Concen: 46.744 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

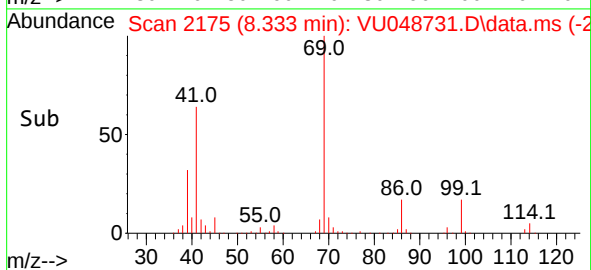
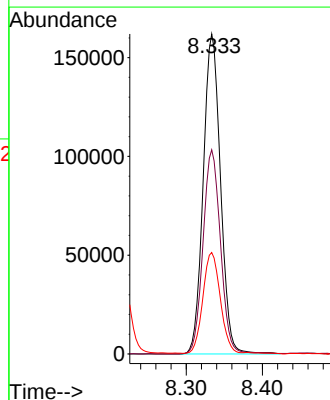
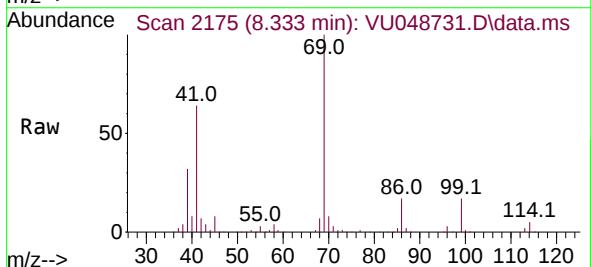
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

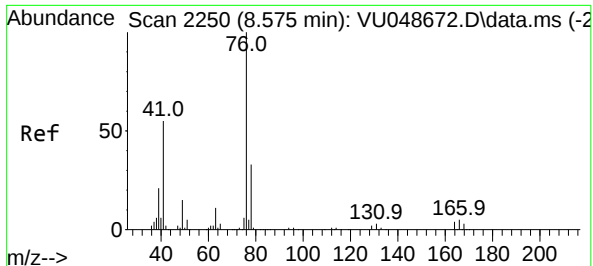
Tgt Ion: 97	Resp: 158803
Ion Ratio	Lower Upper
97 100	
83 87.9	70.2 105.4
85 56.6	45.6 68.4
99 62.6	49.7 74.5



#56
 Ethyl methacrylate
 Concen: 47.828 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

Tgt Ion: 69	Resp: 256117
Ion Ratio	Lower Upper
69 100	
41 64.6	50.6 76.0
39 31.6	26.6 40.0





#57

1,3-Dichloropropane

Concen: 48.392 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

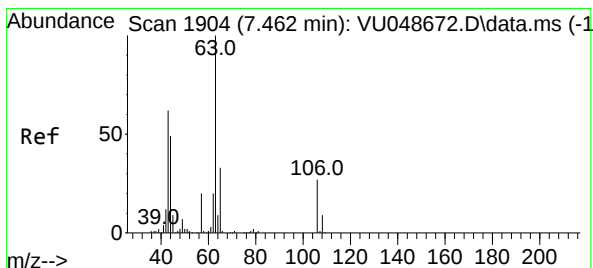
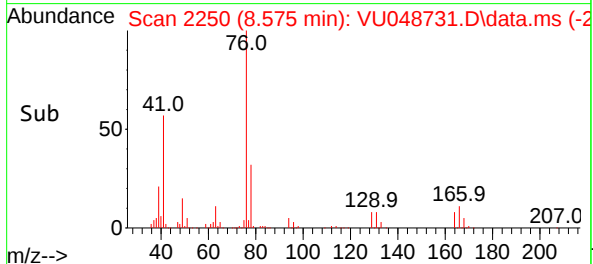
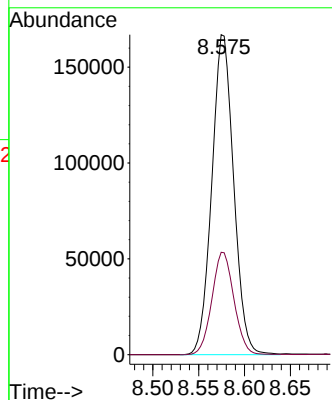
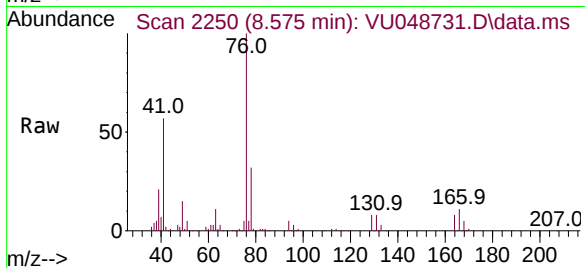
VSTDCCC050

Tgt Ion: 76 Resp: 276696

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 203.402 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048731.D

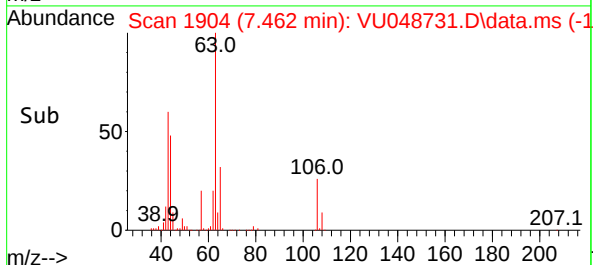
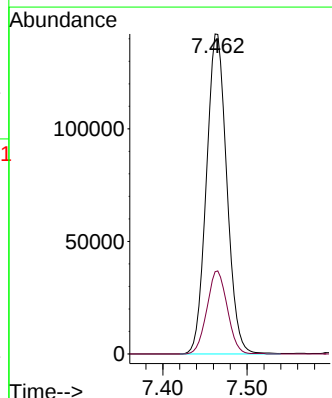
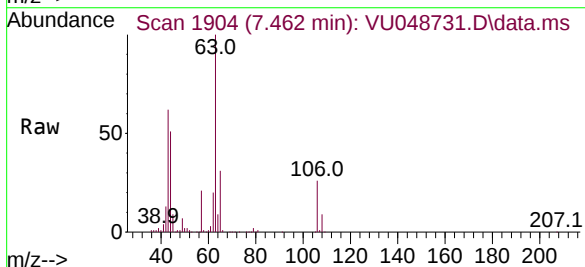
Acq: 31 May 2022 11:00

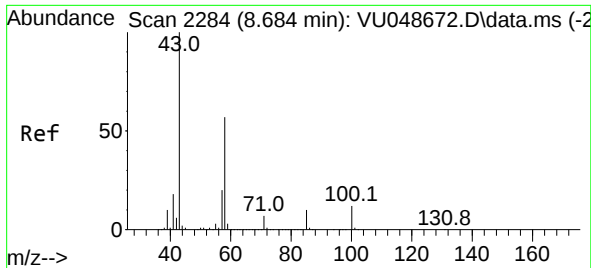
Tgt Ion: 63 Resp: 239254

Ion Ratio Lower Upper

63 100

106 26.0 22.2 33.2

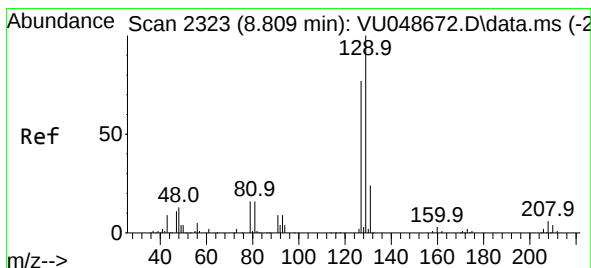
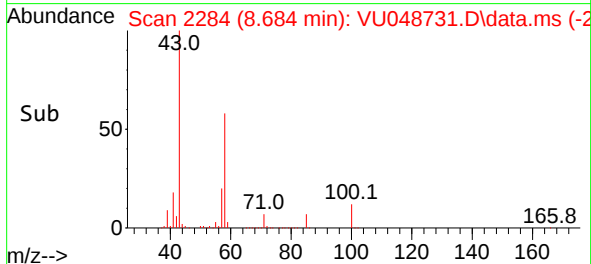
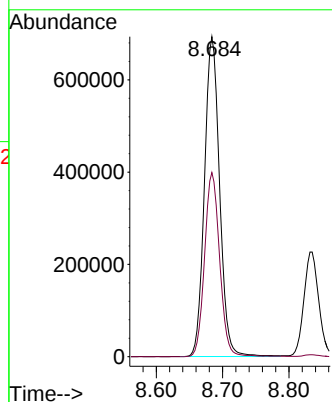
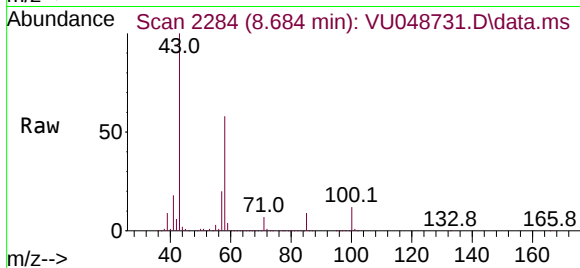




#59
2-Hexanone
Concen: 258.217 ug/l
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

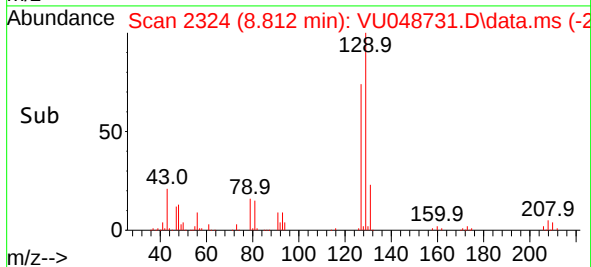
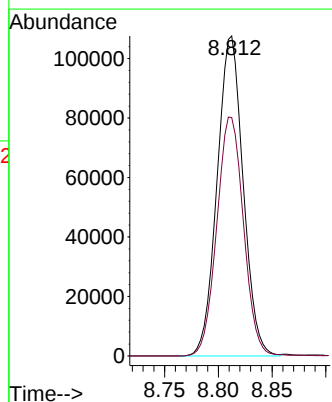
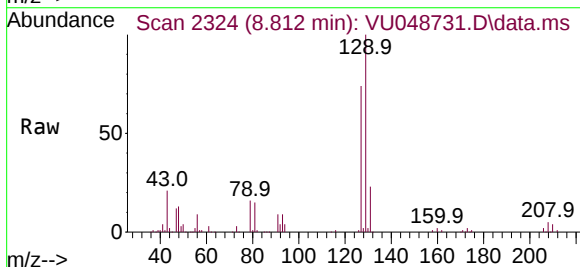
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

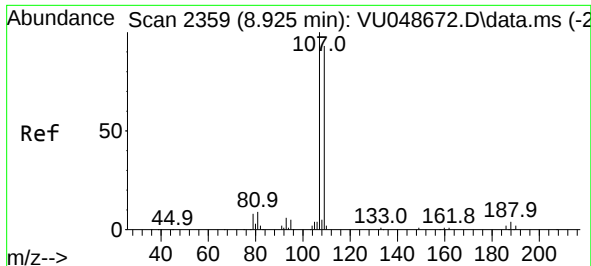
Tgt Ion: 43 Resp: 1100939
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.6



#60
Dibromochloromethane
Concen: 47.639 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:129 Resp: 181417
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

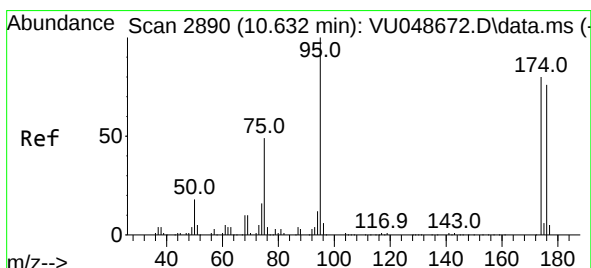
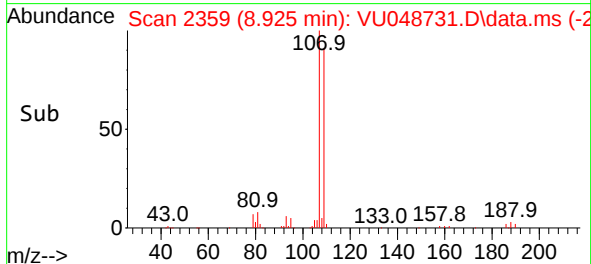
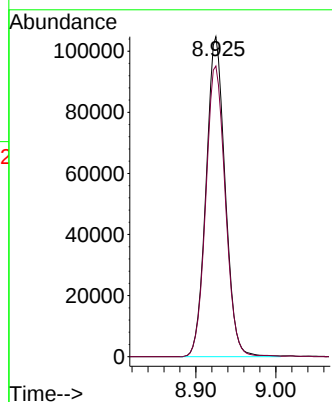
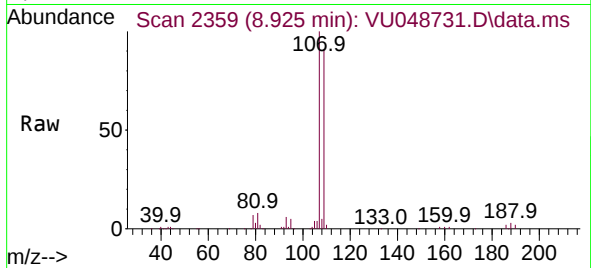




#61
1,2-Dibromoethane
Concen: 46.363 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

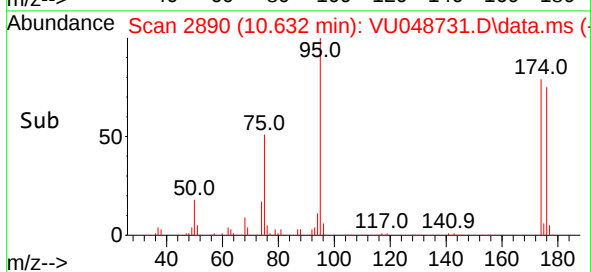
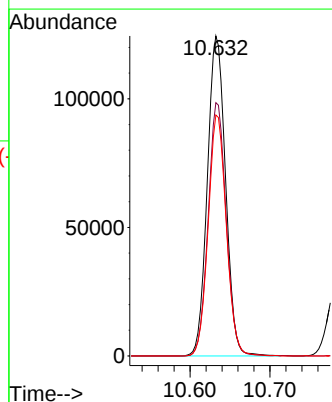
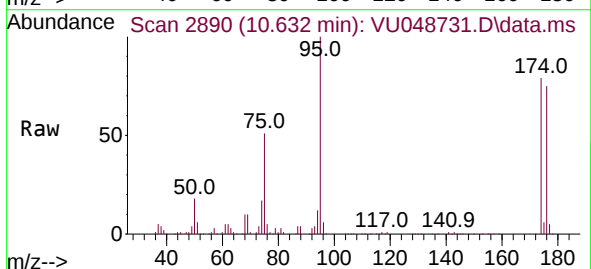
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

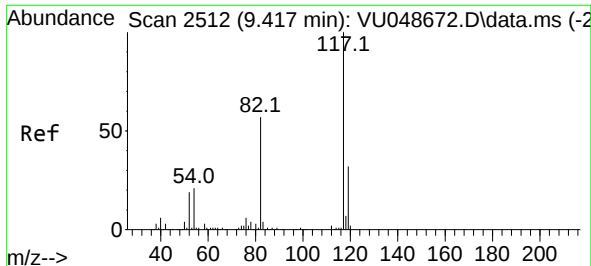
Tgt Ion:107 Resp: 173463
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 48.765 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 95 Resp: 197449
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.4
176 74.9 0.0 152.4

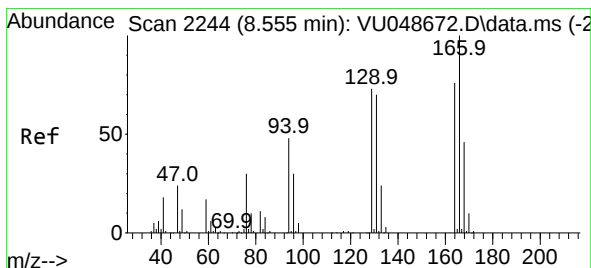
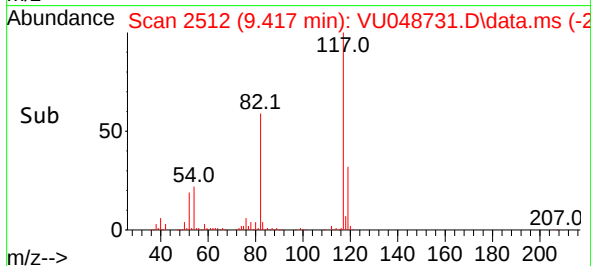
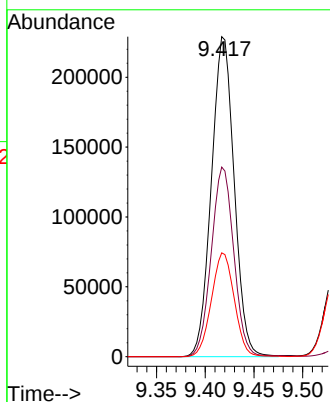
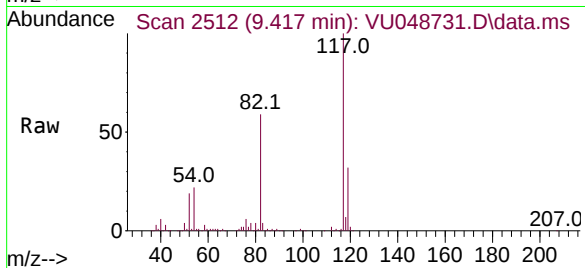




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

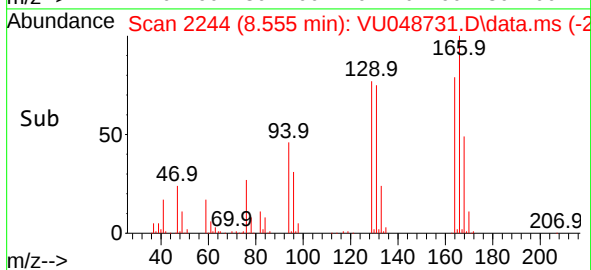
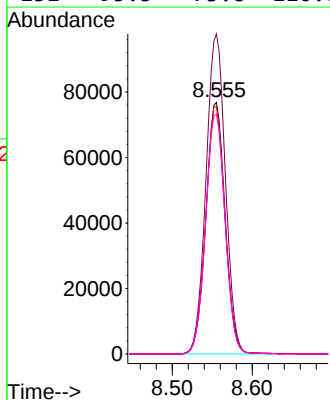
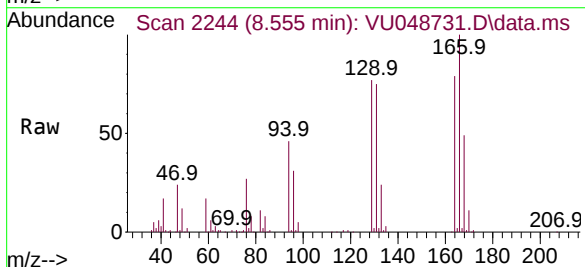
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

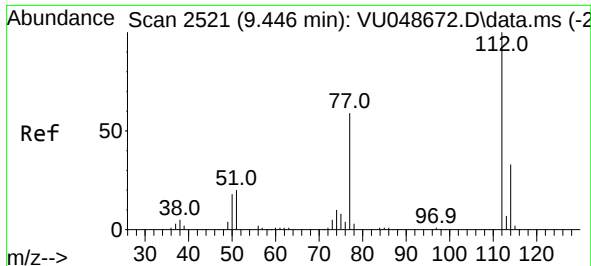
Tgt Ion:117 Resp: 372542
Ion Ratio Lower Upper
117 100
82 59.3 45.3 67.9
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 49.949 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:164 Resp: 129219
Ion Ratio Lower Upper
164 100
166 127.2 105.0 157.4
129 98.4 76.5 114.7
131 95.3 73.8 110.6

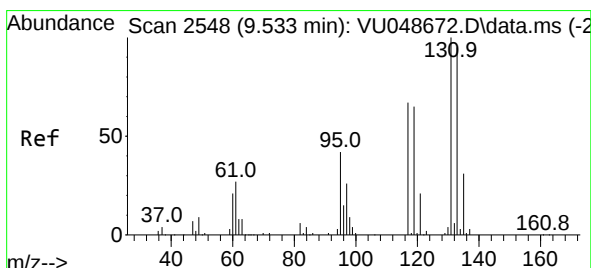
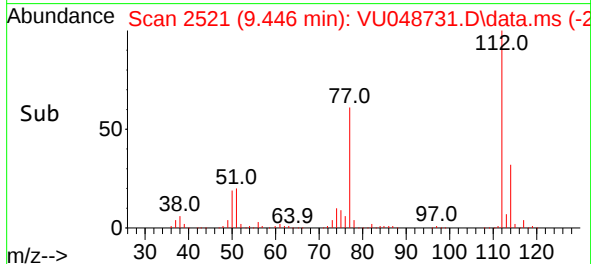
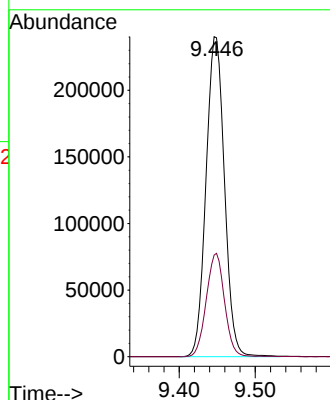
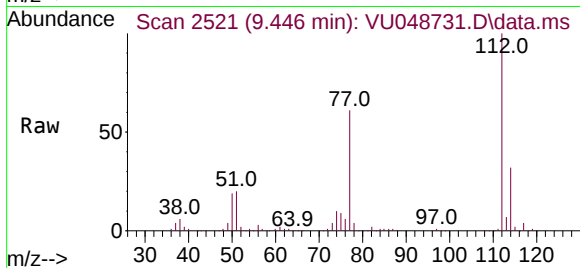




#65
Chlorobenzene
Concen: 51.288 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

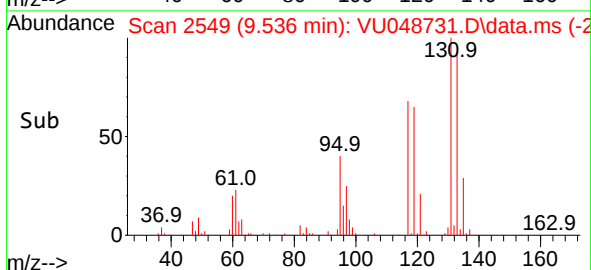
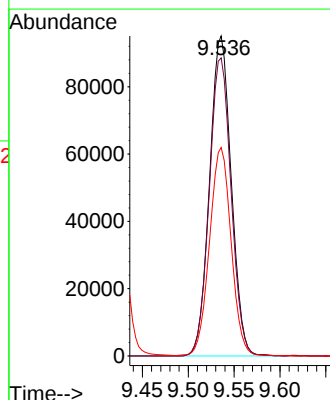
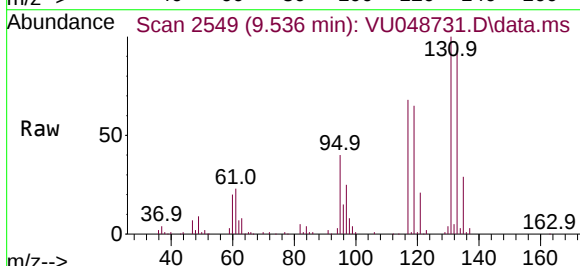
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

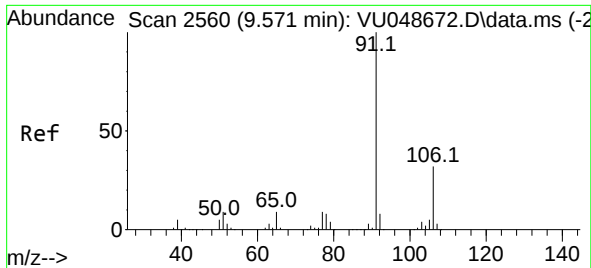
Tgt Ion:112 Resp: 404112
Ion Ratio Lower Upper
112 100
114 31.7 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.229 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:131 Resp: 156207
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 64.7 32.7 98.1





#67

Ethyl Benzene

Concen: 55.124 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

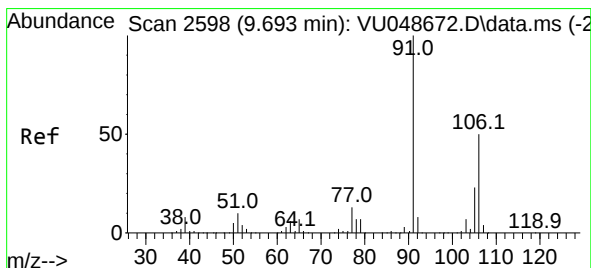
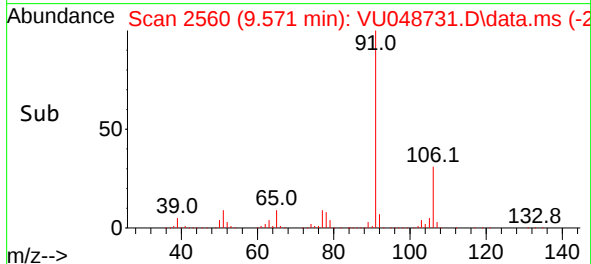
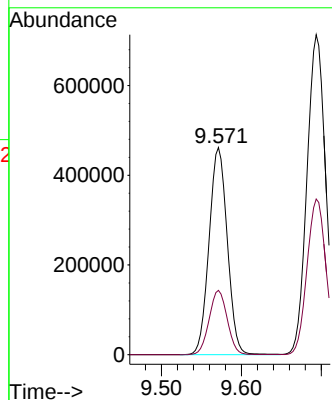
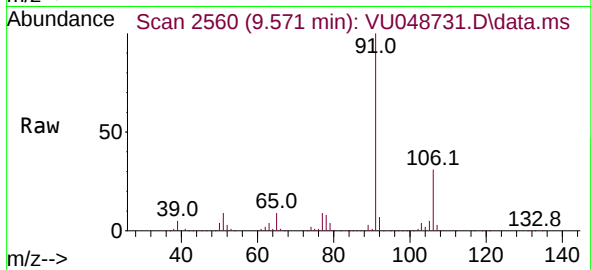
VSTDCCC050

Tgt Ion: 91 Resp: 732552

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.2



#68

m/p-Xylenes

Concen: 110.468 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048731.D

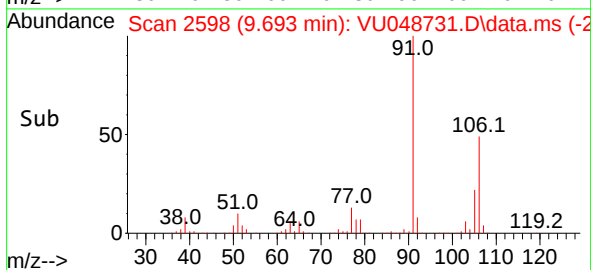
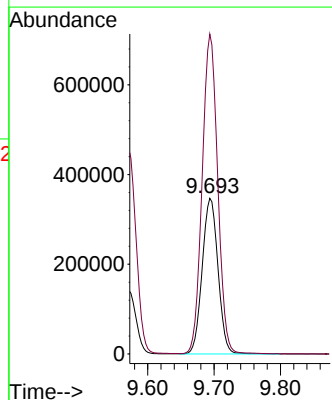
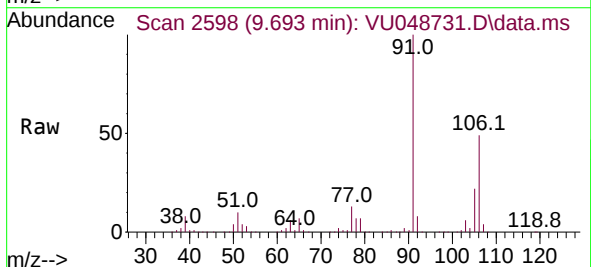
Acq: 31 May 2022 11:00

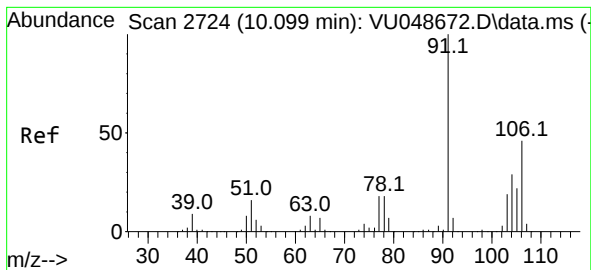
Tgt Ion: 106 Resp: 574164

Ion Ratio Lower Upper

106 100

91 202.6 162.4 243.6





#69

o-Xylene

Concen: 53.874 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

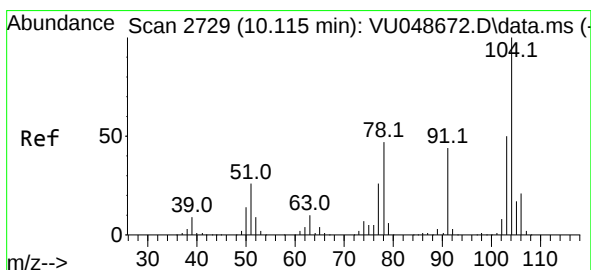
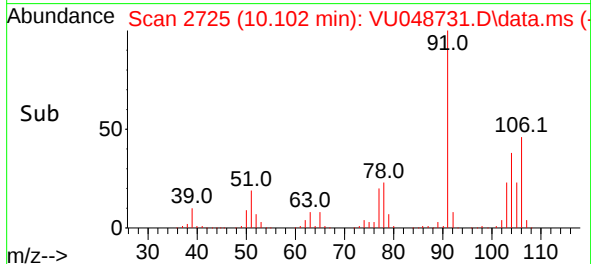
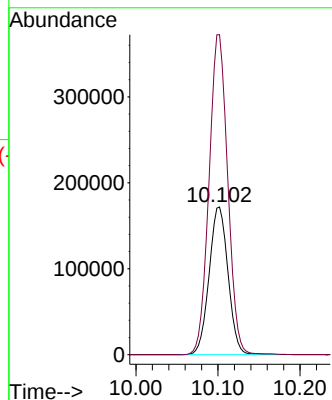
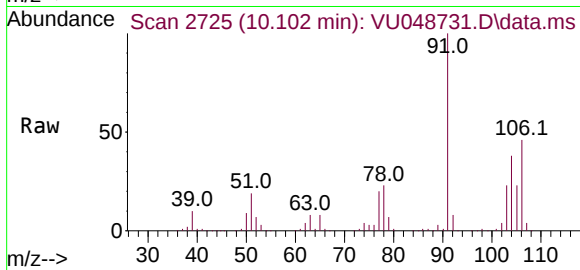
VSTDCCC050

Tgt Ion:106 Resp: 275099

Ion Ratio Lower Upper

106 100

91 214.1 107.7 323.3



#70

Styrene

Concen: 55.396 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

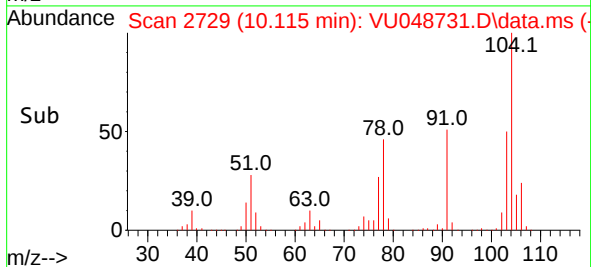
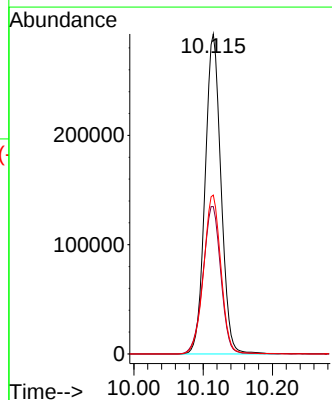
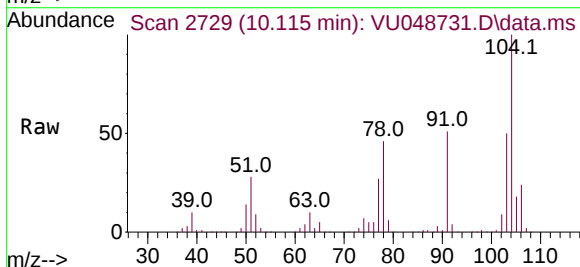
Tgt Ion:104 Resp: 465277

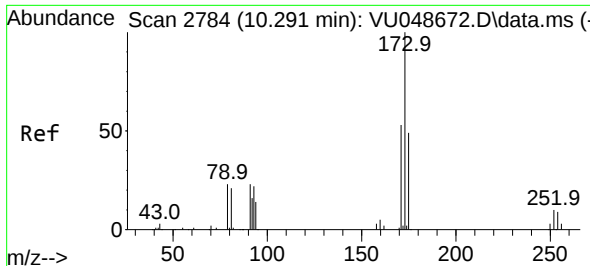
Ion Ratio Lower Upper

104 100

78 51.7 41.2 61.8

103 54.0 43.4 65.2

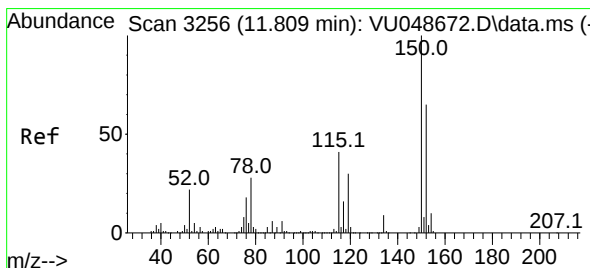
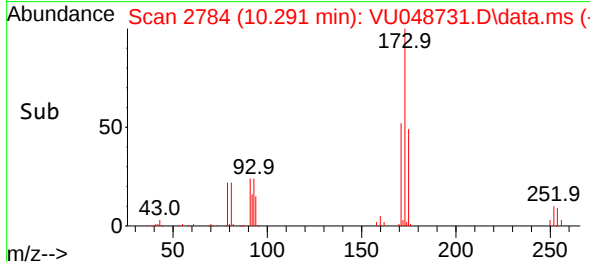
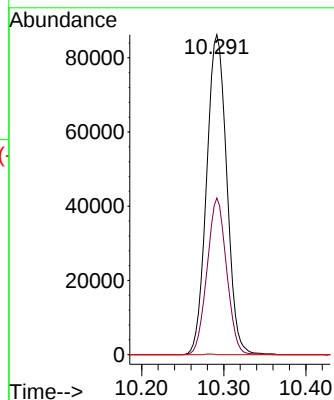
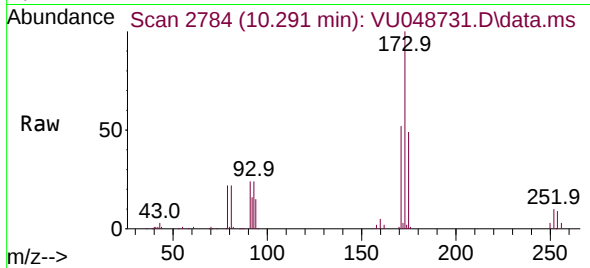




#71
Bromoform
Concen: 53.142 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

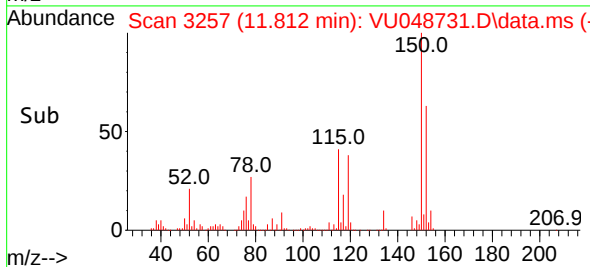
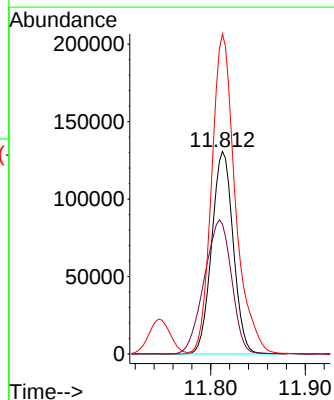
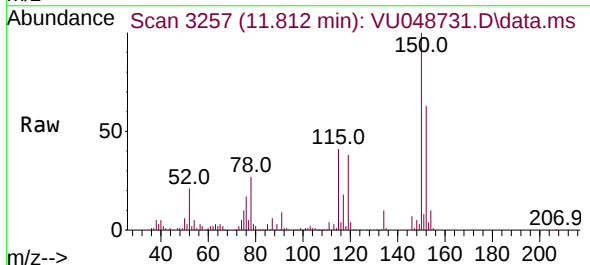
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

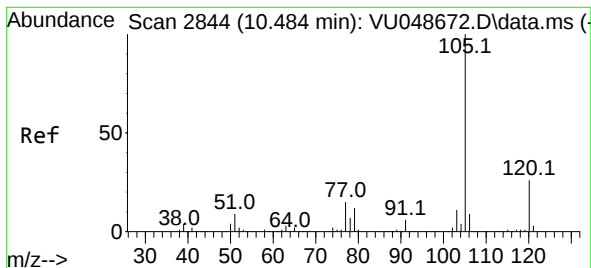
Tgt Ion:173 Resp: 146950
Ion Ratio Lower Upper
173 100
175 47.5 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:152 Resp: 206256
Ion Ratio Lower Upper
152 100
115 84.2 41.8 125.4
150 173.5 0.0 341.0





#73

Isopropylbenzene

Concen: 54.539 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

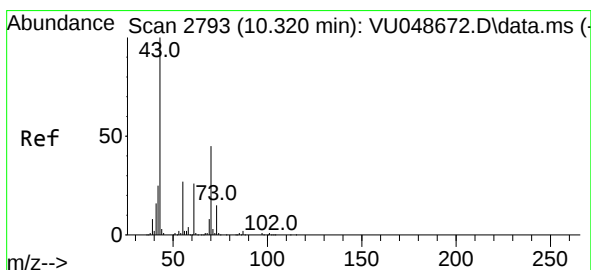
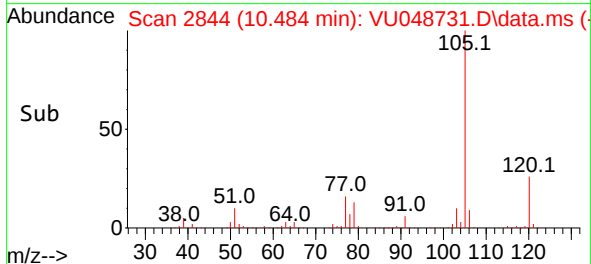
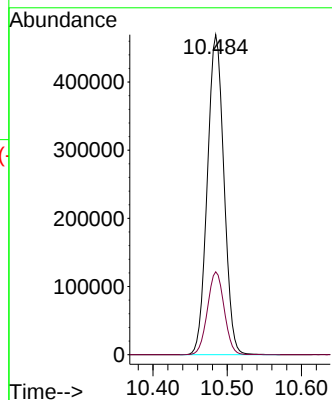
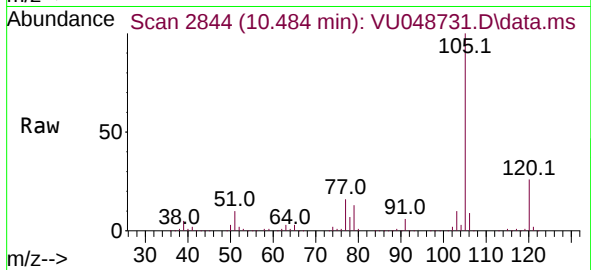
VSTDCCC050

Tgt Ion:105 Resp: 726224

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 51.061 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Tgt Ion: 43 Resp: 344594

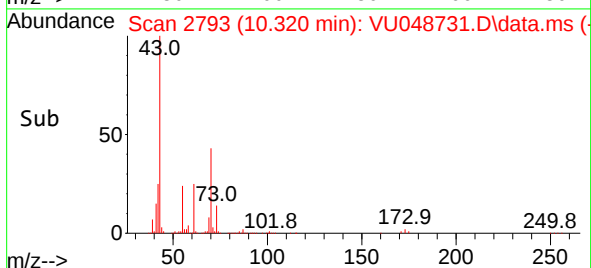
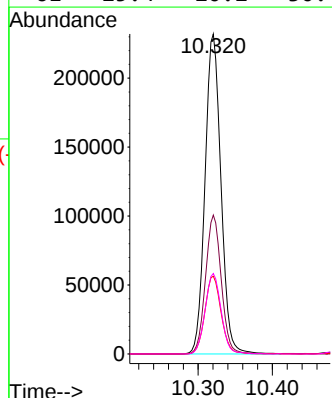
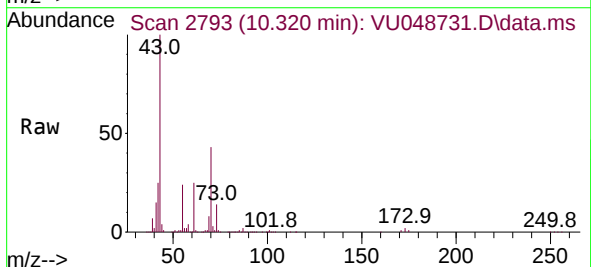
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.6

55 24.8 21.1 31.7

61 25.4 20.2 30.4

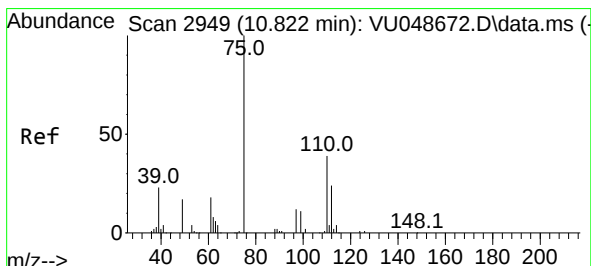
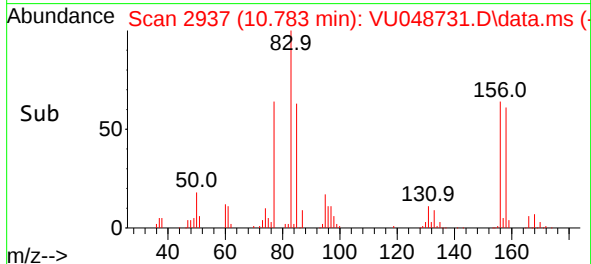
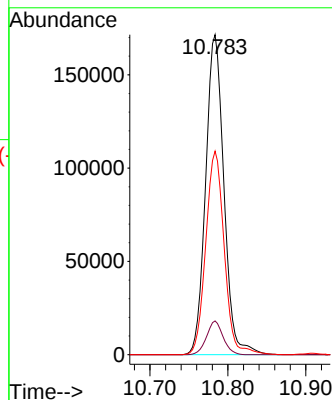
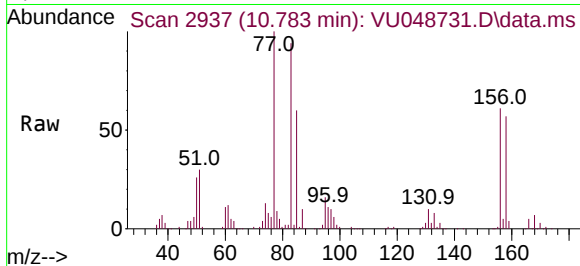




#75
1,1,2,2-Tetrachloroethane
Concen: 51.471 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

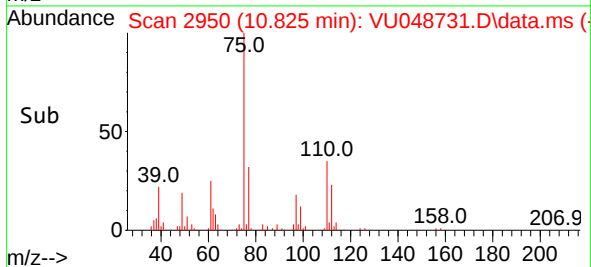
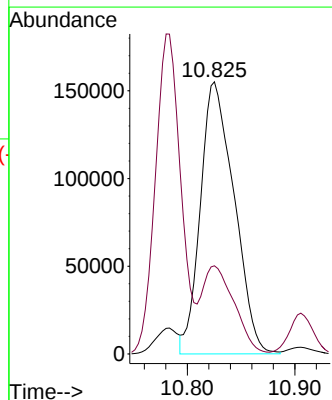
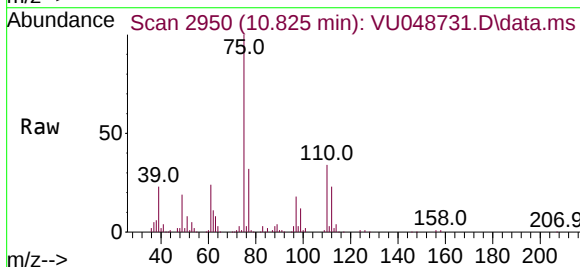
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 279692
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 64.3 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 50.791 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 75 Resp: 337770
Ion Ratio Lower Upper
75 100
77 30.1 14.8 44.3

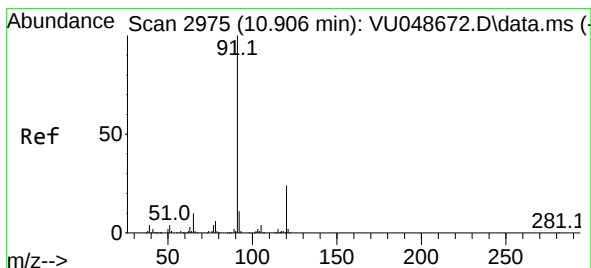
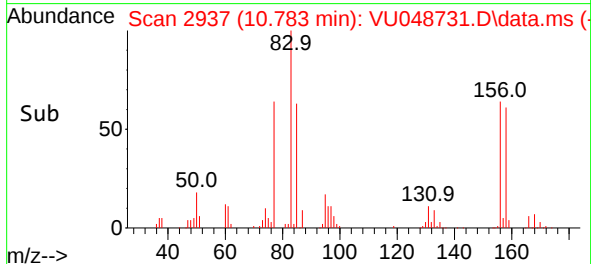
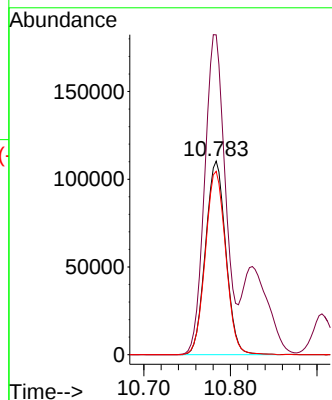
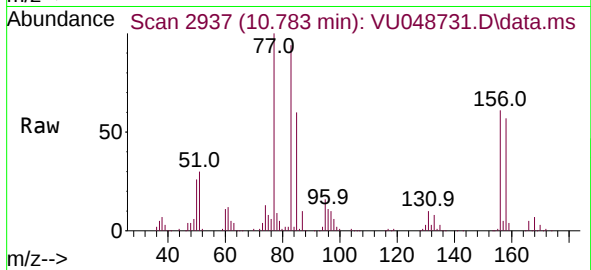




#77
Bromobenzene
Concen: 50.150 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

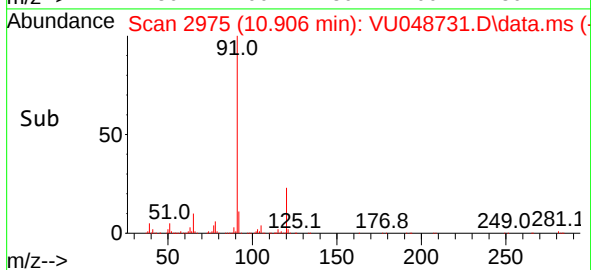
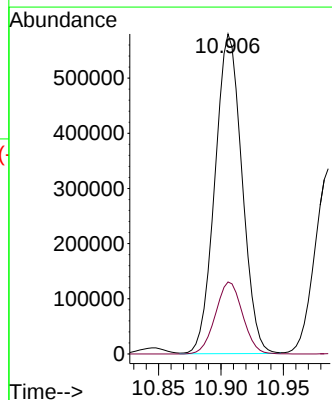
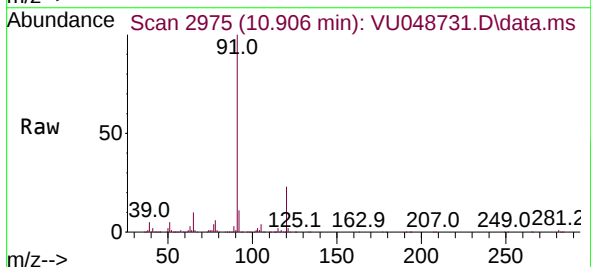
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

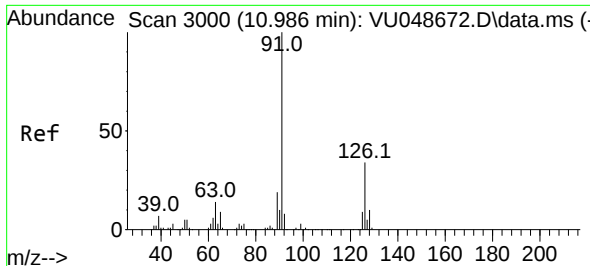
Tgt Ion:156 Resp: 179341
Ion Ratio Lower Upper
156 100
77 169.1 81.1 243.3
158 95.7 48.8 146.4



#78
n-propylbenzene
Concen: 55.229 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 91 Resp: 876313
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

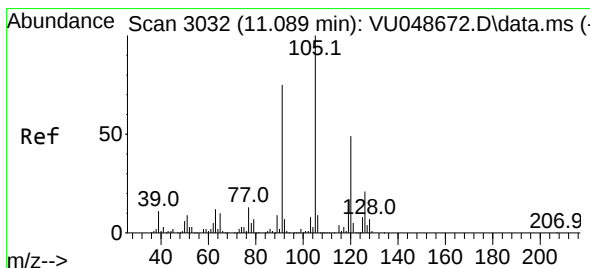
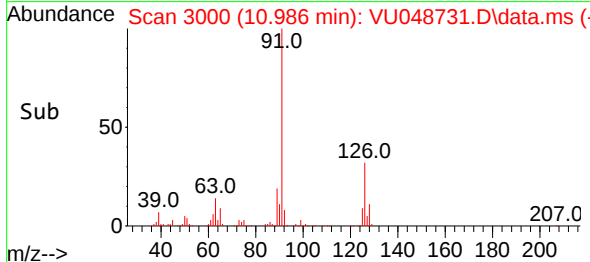
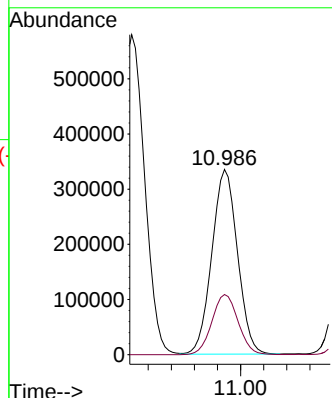
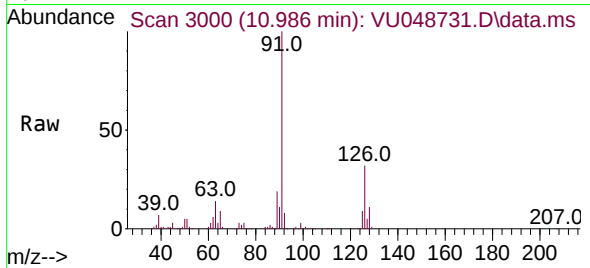




#79
2-Chlorotoluene
Concen: 52.297 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

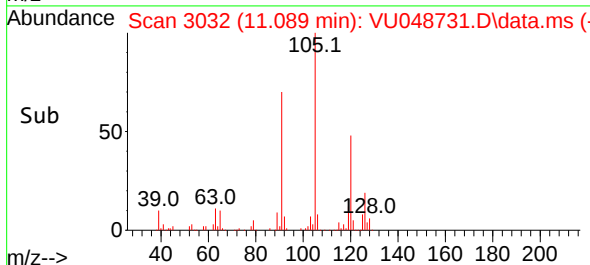
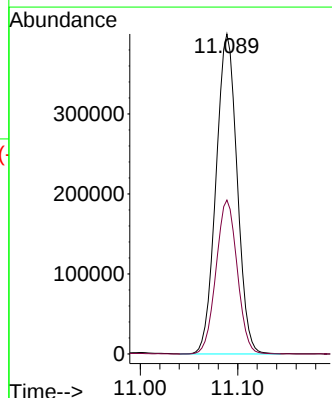
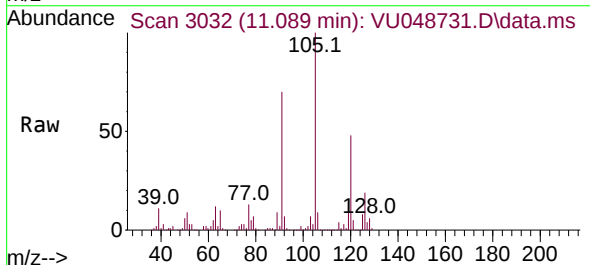
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

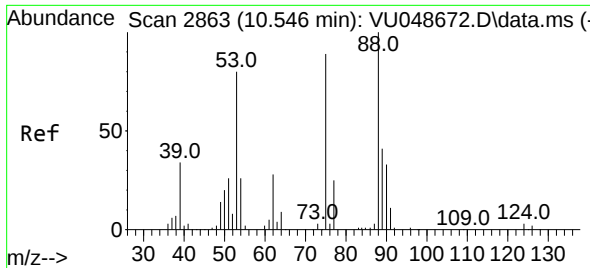
Tgt Ion: 91 Resp: 516023
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 51.957 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 105 Resp: 601648
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

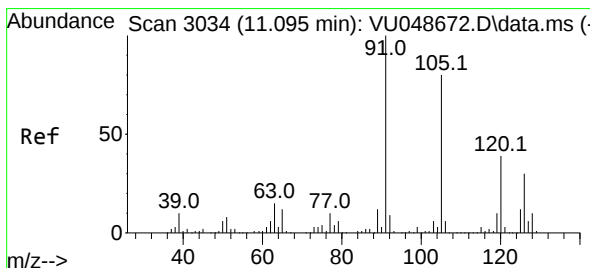
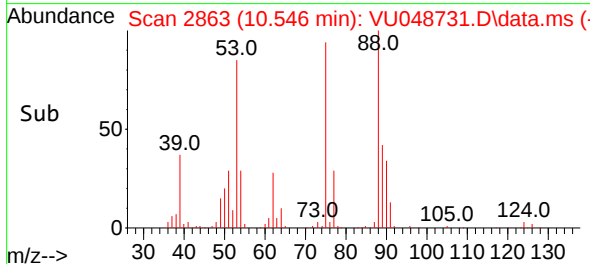
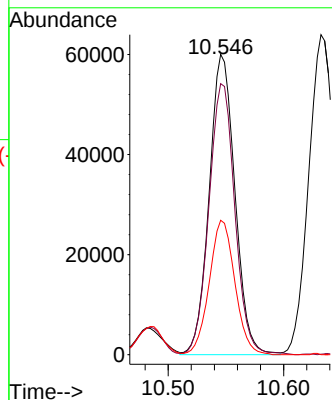
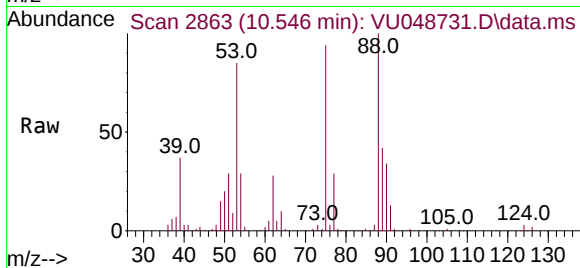




#81
trans-1,4-Dichloro-2-butene
Concen: 50.797 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

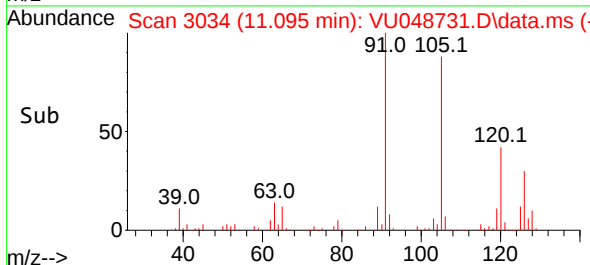
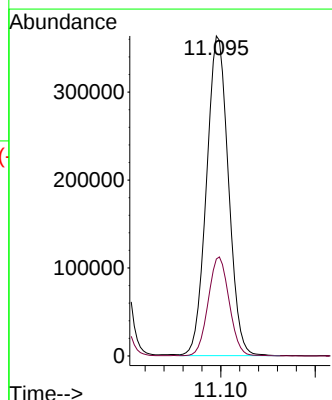
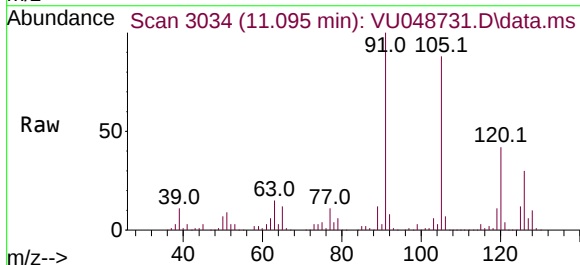
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

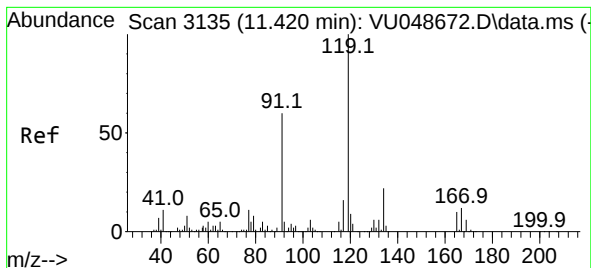
Tgt Ion: 75 Resp: 93038
Ion Ratio Lower Upper
75 100
53 91.0 72.5 108.7
89 44.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.327 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion: 91 Resp: 584341
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 53.253 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

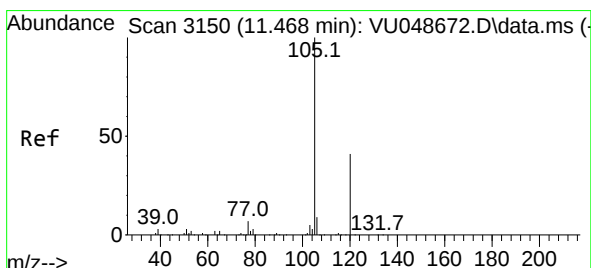
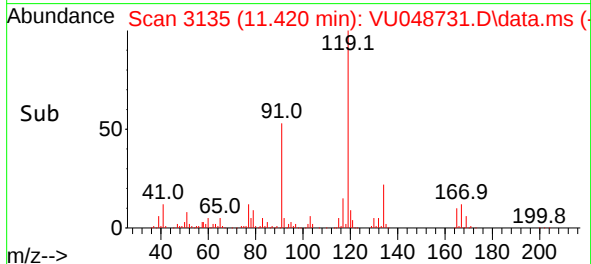
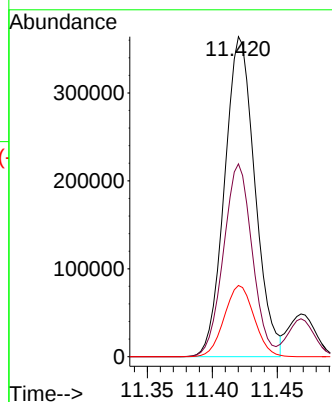
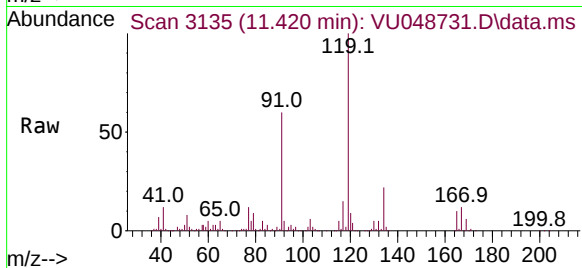
Tgt Ion:119 Resp: 591843

Ion Ratio Lower Upper

119 100

91 57.2 28.7 86.1

134 21.9 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 49.765 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048731.D

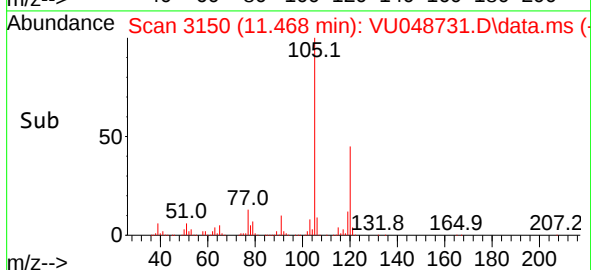
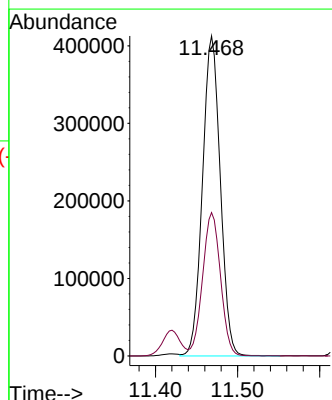
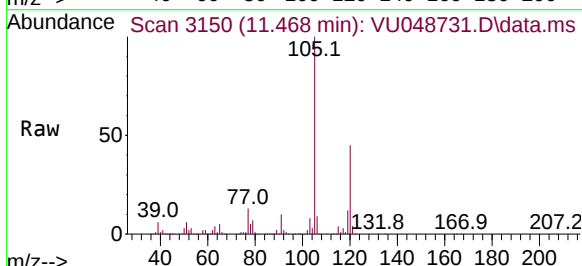
Acq: 31 May 2022 11:00

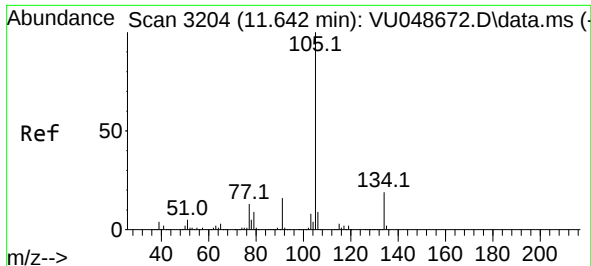
Tgt Ion:105 Resp: 620982

Ion Ratio Lower Upper

105 100

120 45.1 22.5 67.5

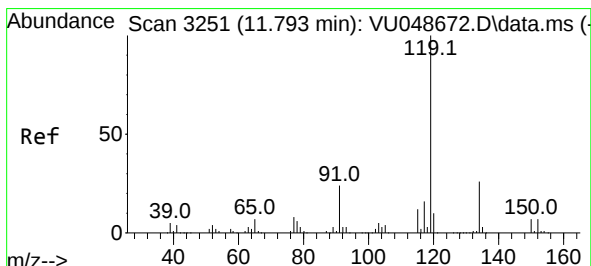
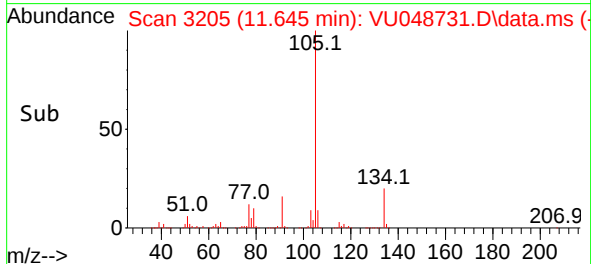
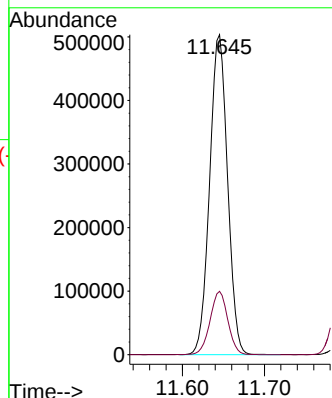
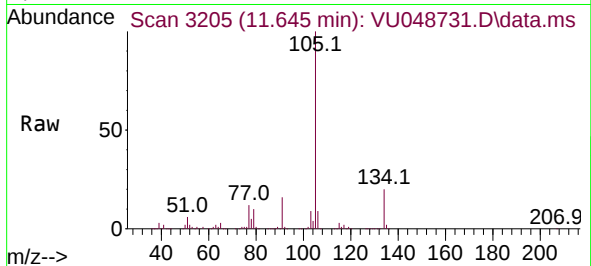




#85
 sec-Butylbenzene
 Concen: 54.770 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

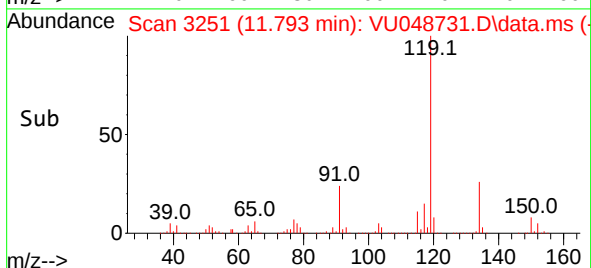
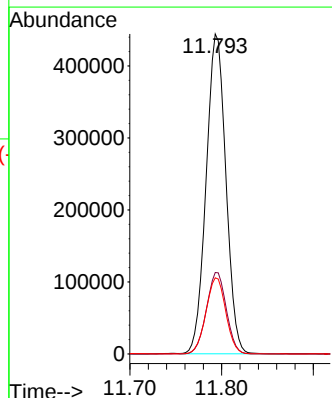
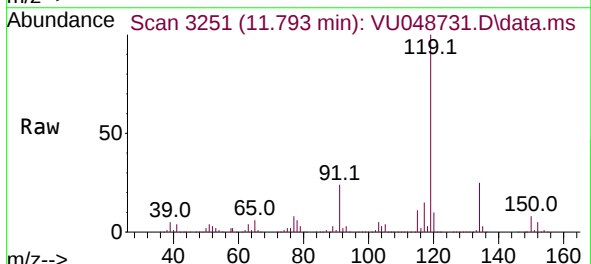
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 761517
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 55.578 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048731.D
 Acq: 31 May 2022 11:00

Tgt Ion:119 Resp: 663600
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.658 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

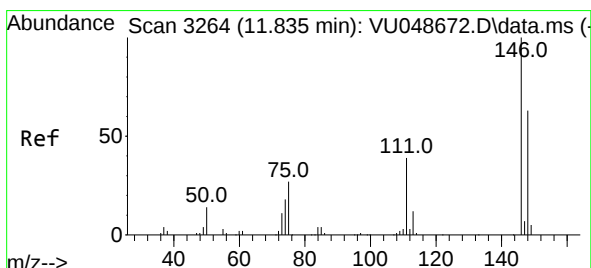
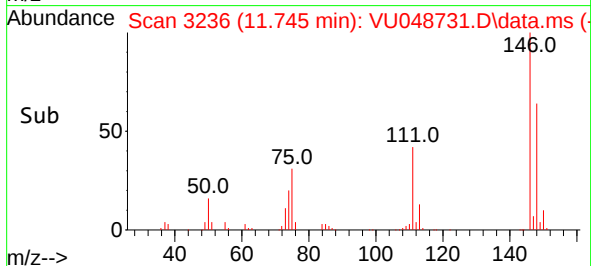
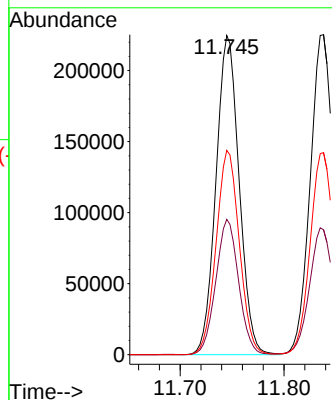
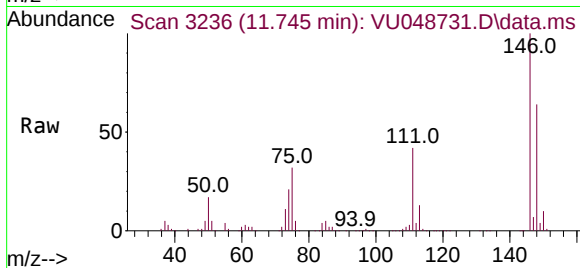
Tgt Ion:146 Resp: 348175

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.305 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

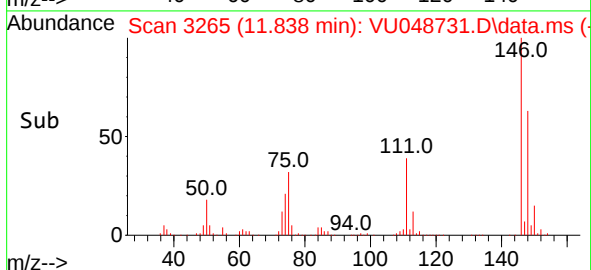
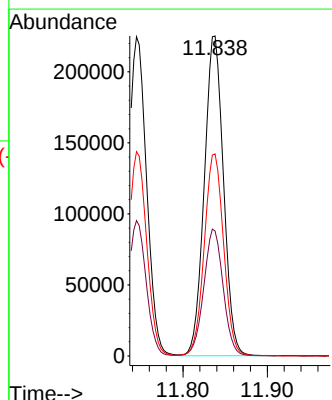
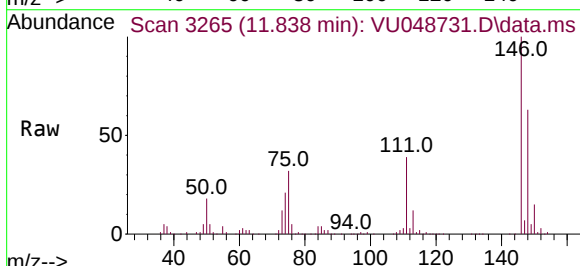
Tgt Ion:146 Resp: 357159

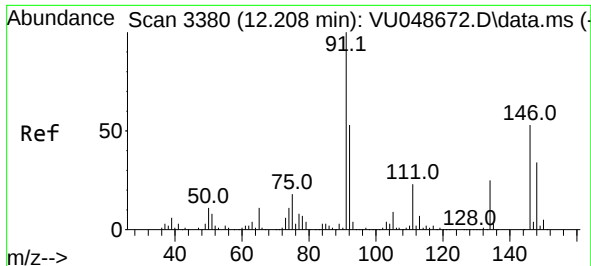
Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 51.347 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

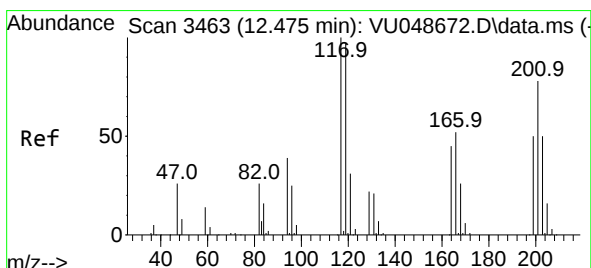
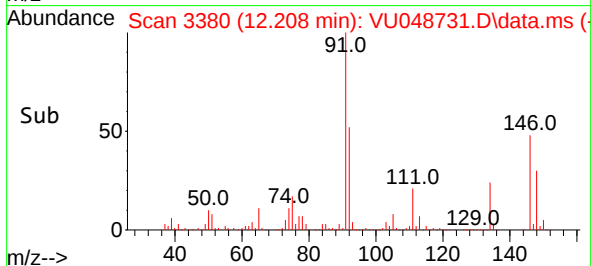
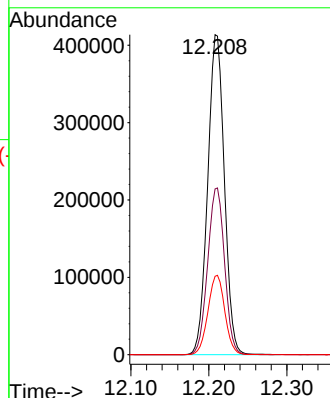
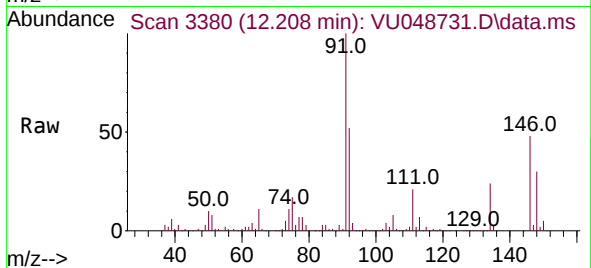
Tgt Ion: 91 Resp: 614412

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.8

134 25.1 12.5 37.5



#90

Hexachloroethane

Concen: 48.281 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048731.D

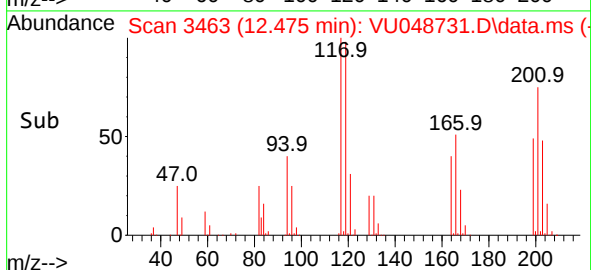
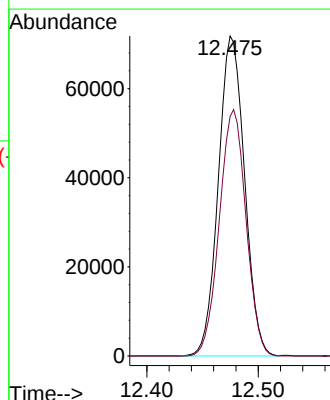
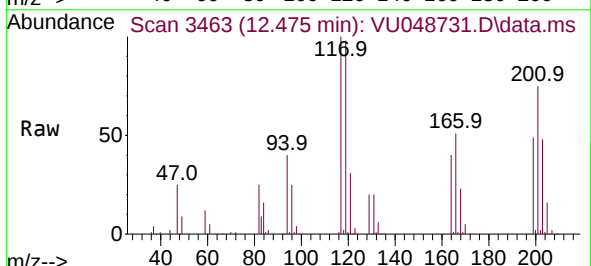
Acq: 31 May 2022 11:00

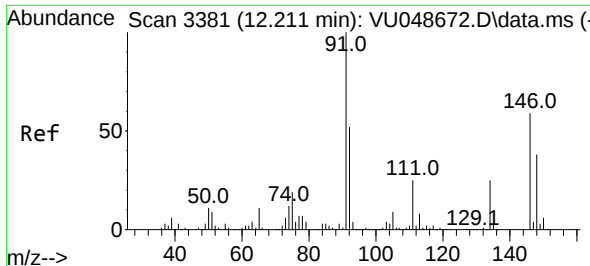
Tgt Ion: 117 Resp: 117652

Ion Ratio Lower Upper

117 100

201 78.2 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 49.404 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

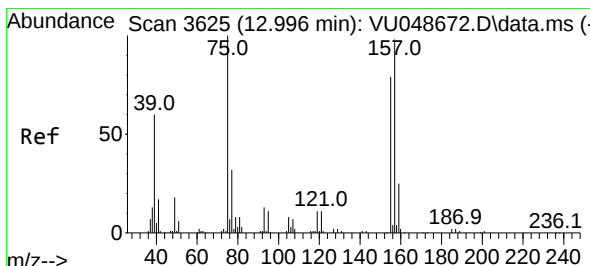
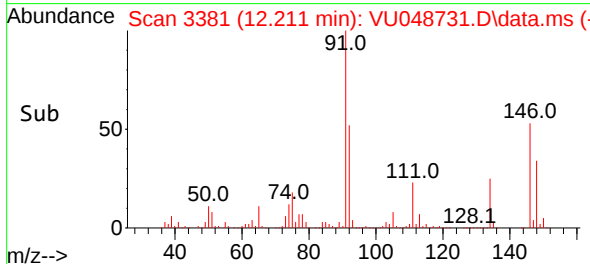
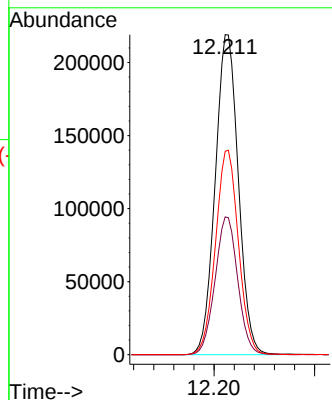
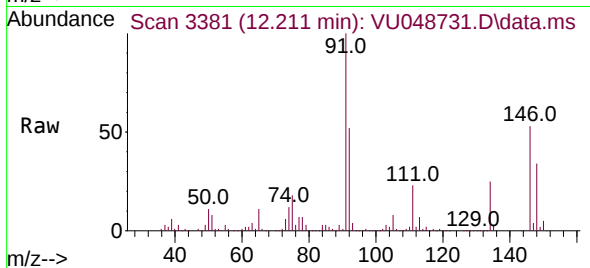
Tgt Ion:146 Resp: 349933

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.117 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048731.D

Acq: 31 May 2022 11:00

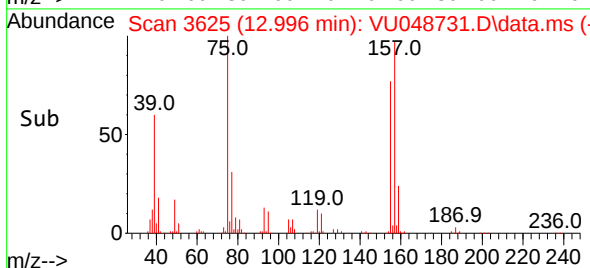
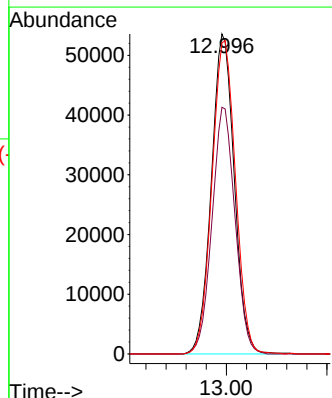
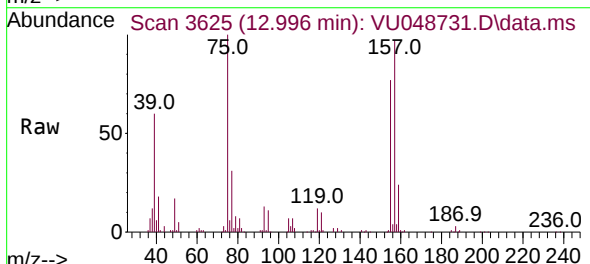
Tgt Ion: 75 Resp: 84671

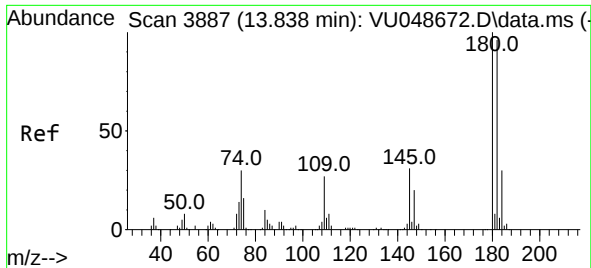
Ion Ratio Lower Upper

75 100

155 77.5 40.3 120.8

157 100.9 50.0 150.0

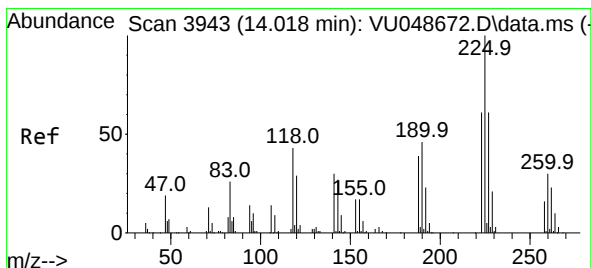
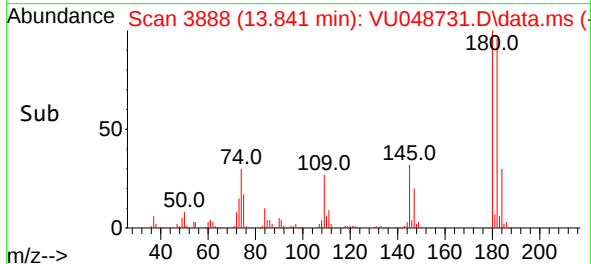
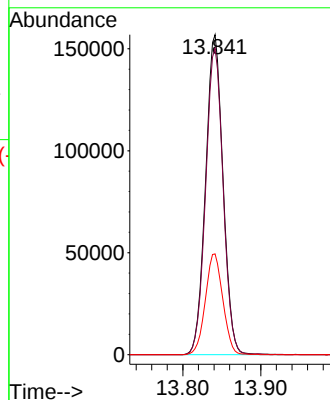
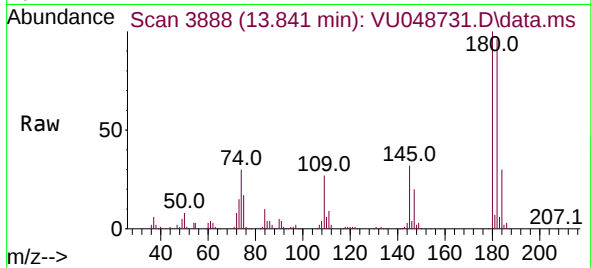




#93
1,2,4-Trichlorobenzene
Concen: 52.477 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

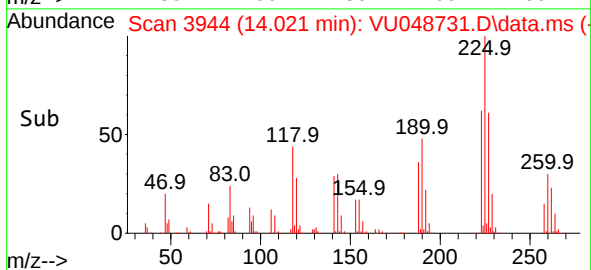
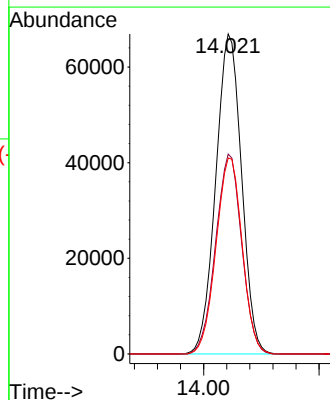
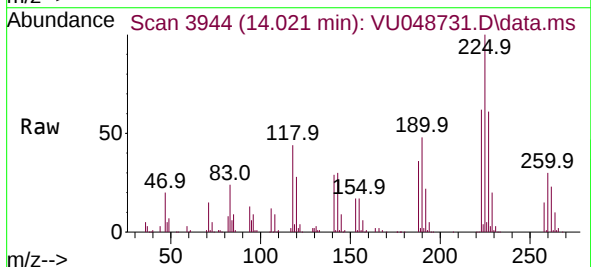
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

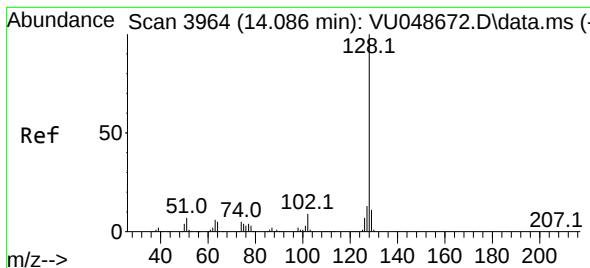
Tgt Ion:180 Resp: 243914
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 31.6 15.6 46.7



#94
Hexachlorobutadiene
Concen: 46.635 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:225 Resp: 103896
Ion Ratio Lower Upper
225 100
223 63.0 30.9 92.8
227 62.0 31.1 93.5

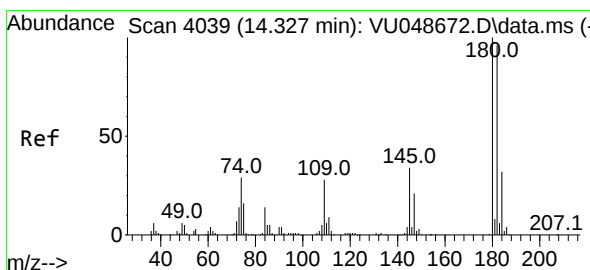
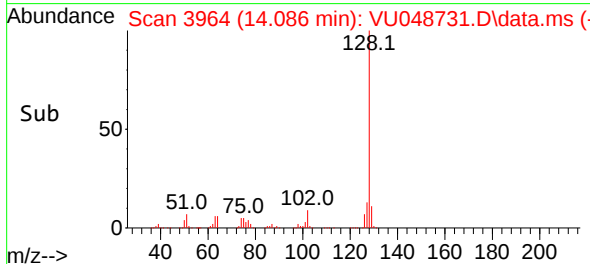
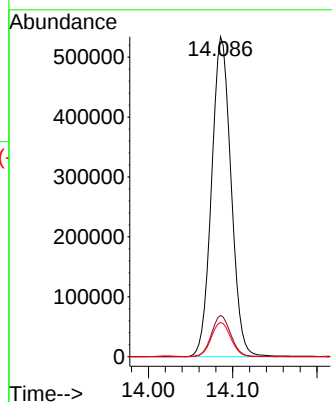
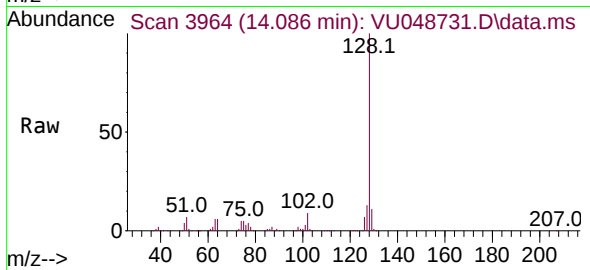




#95
Naphthalene
Concen: 52.660 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 857245
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.802 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048731.D
Acq: 31 May 2022 11:00

Tgt Ion:180 Resp: 243080
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 33.6 16.6 49.8

