

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048709.D
 Acq On : 27 May 2022 21:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: May 28 00:26:43 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	5.372	168	257054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	439314	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	420984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	222097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	195962	50.761	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.520%
35) Dibromofluoromethane	5.289	113	155345	49.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	7.896	98	580335	51.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.300%
62) 4-Bromofluorobenzene	10.633	95	226714	53.358	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	142562	48.446	ug/l	100
3) Chloromethane	1.524	50	180588	47.671	ug/l	97
4) Vinyl Chloride	1.604	62	179892	51.272	ug/l	98
5) Bromomethane	1.845	94	99535	51.091	ug/l	99
6) Chloroethane	1.929	64	101845	53.015	ug/l	99
7) Trichlorofluoromethane	2.135	101	238305	47.557	ug/l	100
8) Diethyl Ether	2.376	74	95926	51.876	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	134906	49.183	ug/l	99
10) Methyl Iodide	2.723	142	177707	44.000	ug/l	97
11) Tert butyl alcohol	3.173	59	264851	270.606	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	134434	51.384	ug/l	98
13) Acrolein	2.485	56	56512	172.928	ug/l	99
14) Allyl chloride	2.922	41	261839	51.672	ug/l	98
15) Acrylonitrile	3.308	53	596499	281.010	ug/l	99
16) Acetone	2.620	43	502552	255.441	ug/l	100
17) Carbon Disulfide	2.790	76	359614	47.085	ug/l	99
18) Methyl Acetate	2.945	43	295345	59.791	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	535692	53.963	ug/l	100
20) Methylene Chloride	3.045	84	172869	51.671	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	146857	49.071	ug/l	93
22) Diisopropyl ether	3.990	45	516742	55.282	ug/l	98
23) Vinyl Acetate	3.954	43	2285818	282.248	ug/l	100
24) 1,1-Dichloroethane	3.871	63	304595	51.885	ug/l	100
25) 2-Butanone	4.697	43	775297	274.312	ug/l	100
26) 2,2-Dichloropropane	4.665	77	200059	37.985	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	170755	49.294	ug/l	98
28) Bromochloromethane	4.974	49	118990	51.675	ug/l	98
29) Tetrahydrofuran	5.048	42	492889	276.859	ug/l	100
30) Chloroform	5.089	83	289743	49.326	ug/l	99
31) Cyclohexane	5.388	56	240435	49.421	ug/l	99
32) 1,1,1-Trichloroethane	5.318	97	260832	48.944	ug/l	99
36) 1,1-Dichloropropene	5.527	75	209347	45.766	ug/l	100
37) Ethyl Acetate	4.800	43	281767	48.726	ug/l	99
38) Carbon Tetrachloride	5.527	117	226148	43.093	ug/l	98
39) Methylcyclohexane	6.761	83	238520	49.731	ug/l	98
40) Benzene	5.774	78	620442	45.943	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	150958	51.659	ug/l	99
42) 1,2-Dichloroethane	5.794	62	235602	44.568	ug/l	99
43) Isopropyl Acetate	5.909	43	418747	49.892	ug/l	100
44) Trichloroethene	6.543	130	163192	46.905	ug/l	100
45) 1,2-Dichloropropane	6.790	63	178295	52.443	ug/l	99
46) Dibromomethane	6.919	93	123094	48.462	ug/l	98
47) Bromodichloromethane	7.105	83	243058	47.319	ug/l	99
48) Methyl methacrylate	6.958	41	204833	54.364	ug/l	99
49) 1,4-Dioxane	6.961	88	92868	1102.582	ug/l	99
51) 4-Methyl-2-Pentanone	7.790	43	1499318	275.113	ug/l	100
52) Toluene	7.970	92	407511	50.449	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	266761	48.143	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	283243	49.330	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	171947	48.232	ug/l	98
56) Ethyl methacrylate	8.334	69	283390	50.289	ug/l	99
57) 1,3-Dichloropropane	8.575	76	296778	49.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	248110	201.356	ug/l	100
59) 2-Hexanone	8.681	43	1201863	268.624	ug/l	100
60) Dibromochloromethane	8.810	129	191541	47.931	ug/l	100
61) 1,2-Dibromoethane	8.922	107	186756	47.568	ug/l	99
64) Tetrachloroethene	8.552	164	135624	46.312	ug/l	98
65) Chlorobenzene	9.446	112	439375	49.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	168123	49.745	ug/l	98
67) Ethyl Benzene	9.572	91	781118	52.015	ug/l	100
68) m/p-Xylenes	9.694	106	606962	103.341	ug/l	99
69) o-Xylene	10.099	106	299027	51.821	ug/l	98
70) Styrene	10.115	104	505686	53.279	ug/l	99
71) Bromoform	10.292	173	157084	50.270	ug/l #	99
73) Isopropylbenzene	10.485	105	785458	54.780	ug/l	99
74) N-amyl acetate	10.318	43	367892	50.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.781	83	309502	52.894	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	361882	50.535	ug/l	98
77) Bromobenzene	10.781	156	198108	51.446	ug/l	99
78) n-propylbenzene	10.906	91	937987	54.900	ug/l	99
79) 2-Chlorotoluene	10.986	91	562230	52.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	688466	55.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	95025	48.181	ug/l	98
82) 4-Chlorotoluene	11.096	91	657153	53.606	ug/l	100
83) tert-Butylbenzene	11.420	119	666595	55.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	697628	51.868	ug/l	100
85) sec-Butylbenzene	11.642	105	808778	54.020	ug/l	99
86) p-Isopropyltoluene	11.793	119	708056	55.071	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	373564	49.479	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	383483	49.164	ug/l	98
89) n-Butylbenzene	12.208	91	629890	48.991	ug/l	98
90) Hexachloroethane	12.475	117	125293	47.750	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	382177	50.108	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	84213	49.985	ug/l	97
93) 1,2,4-Trichlorobenzene	13.838	180	254741	50.898	ug/l	99
94) Hexachlorobutadiene	14.022	225	106414	44.358	ug/l	99
95) Naphthalene	14.086	128	879556	50.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	244353	49.293	ug/l	100

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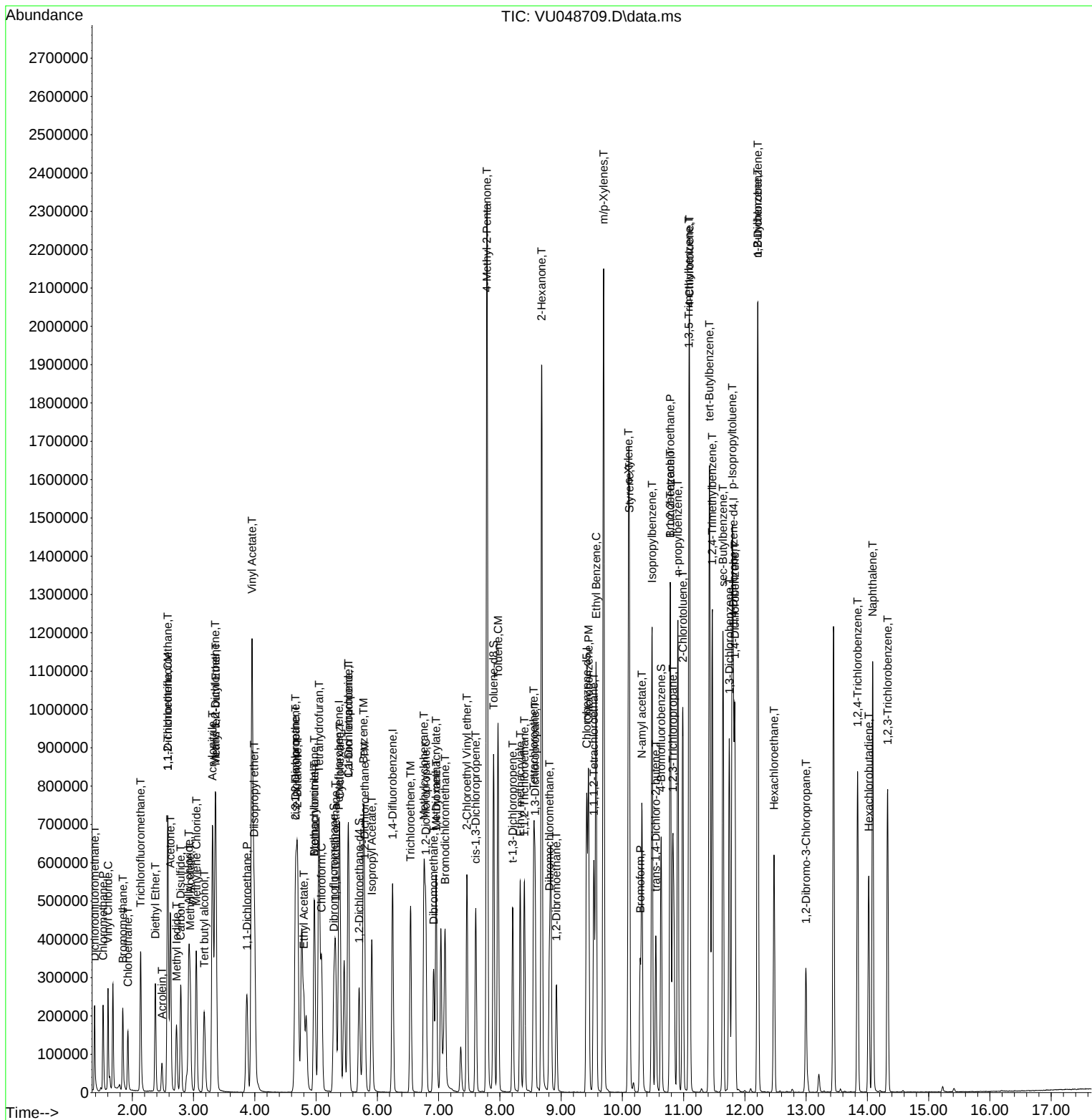
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

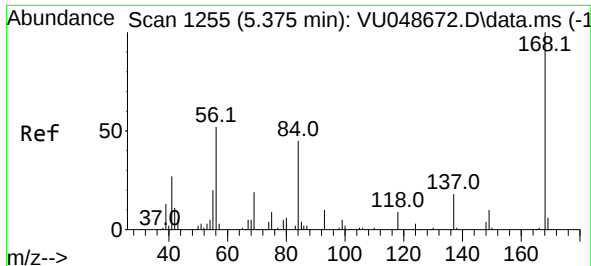
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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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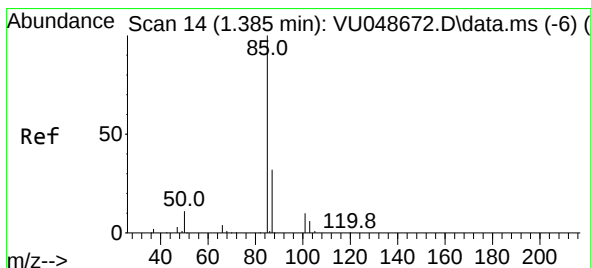
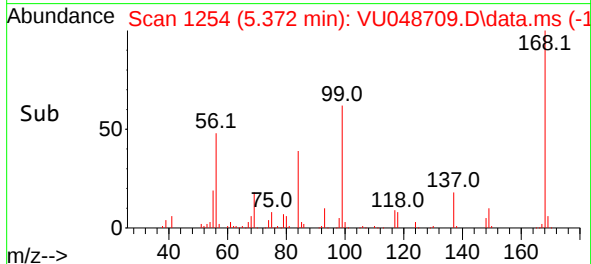
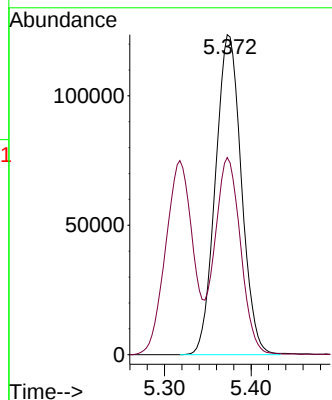
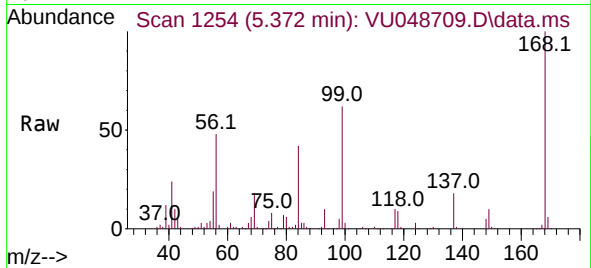




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048709.D
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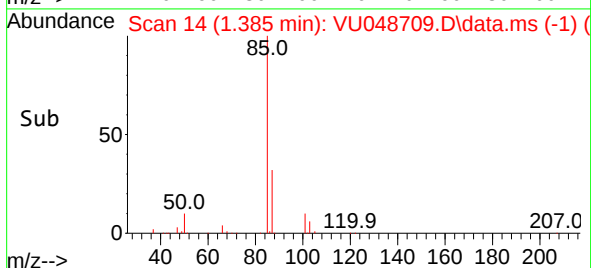
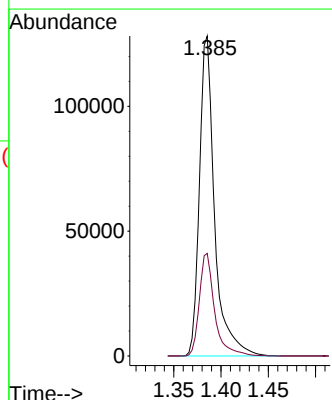
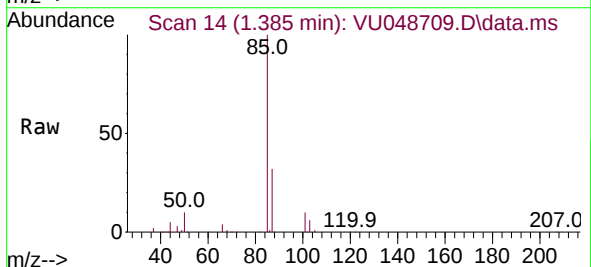
Instrument :
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ClientSampleId :
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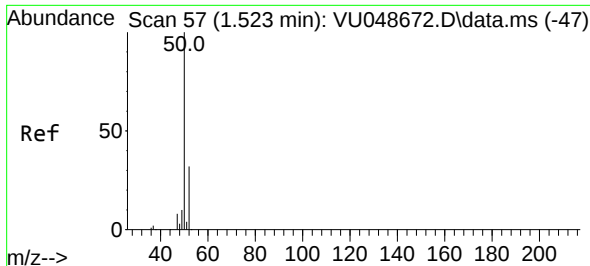
Tgt Ion:168 Resp: 257054
Ion Ratio Lower Upper
168 100
99 61.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 48.446 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 85 Resp: 142562
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

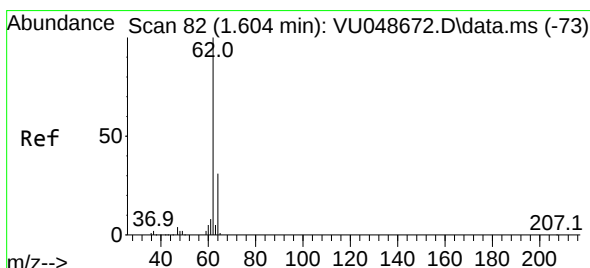
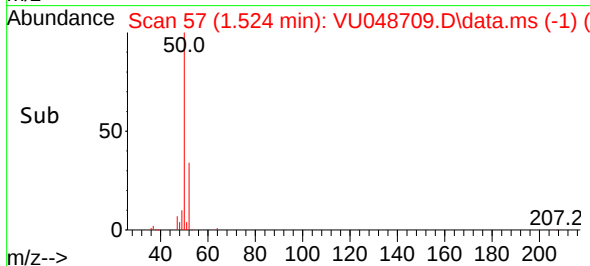
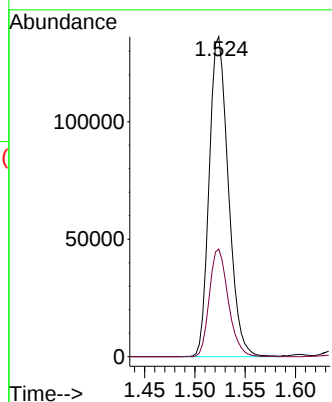
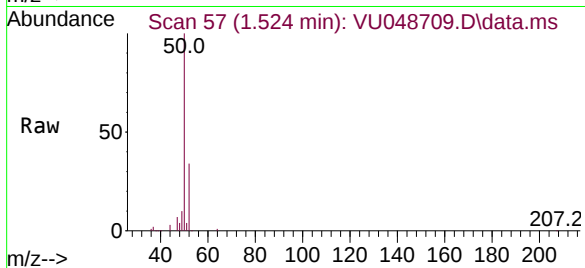




#3
Chloromethane
Concen: 47.671 ug/l
RT: 1.524 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

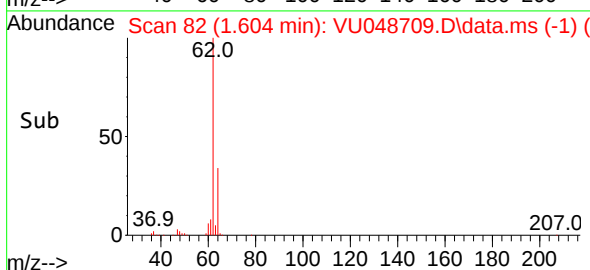
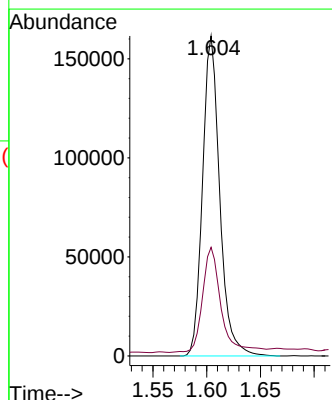
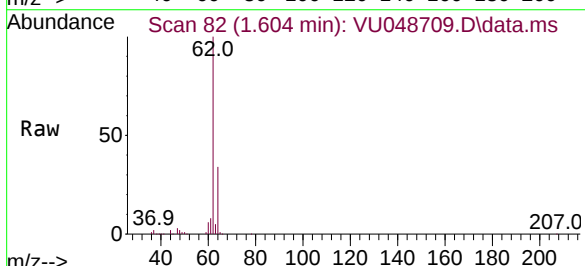
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ClientSampleId :
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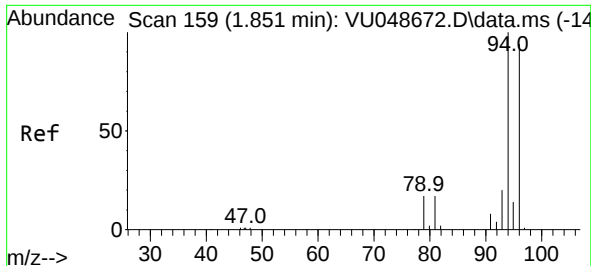
Tgt Ion: 50 Resp: 180588
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5



#4
Vinyl Chloride
Concen: 51.272 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 62 Resp: 179892
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8

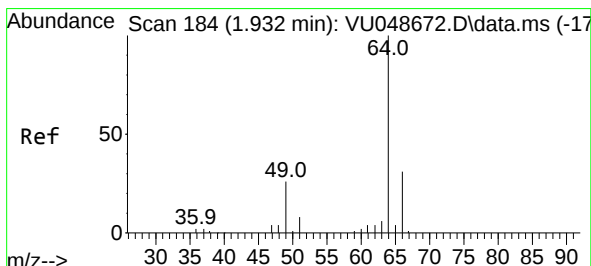
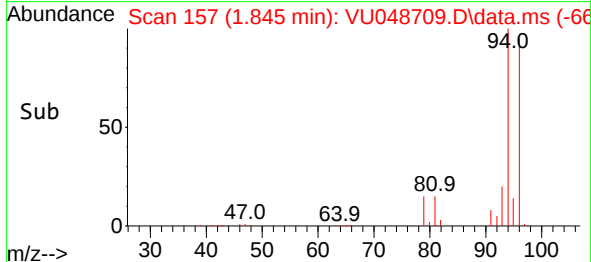
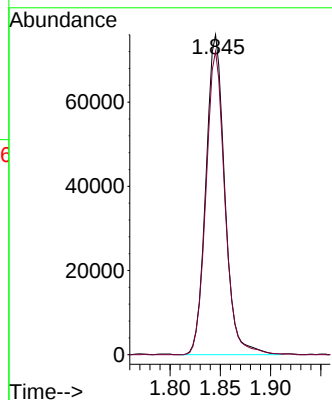
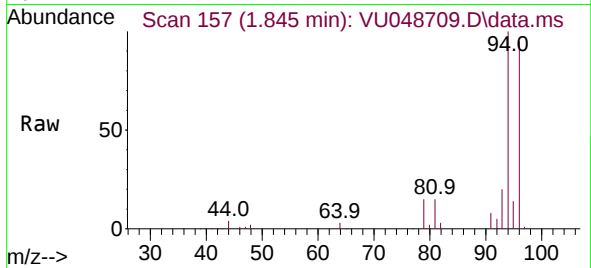




#5
Bromomethane
Concen: 51.091 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

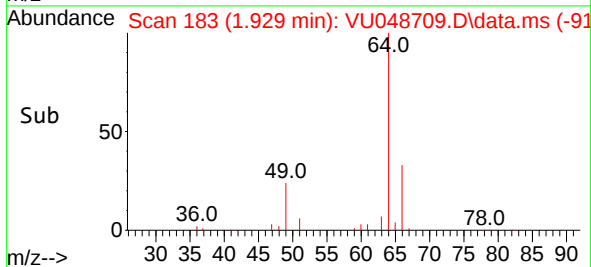
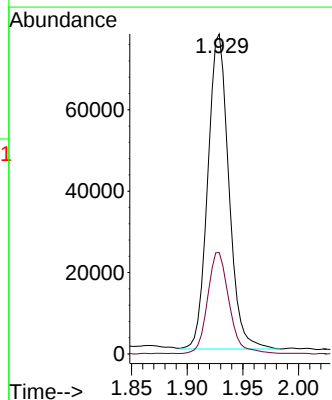
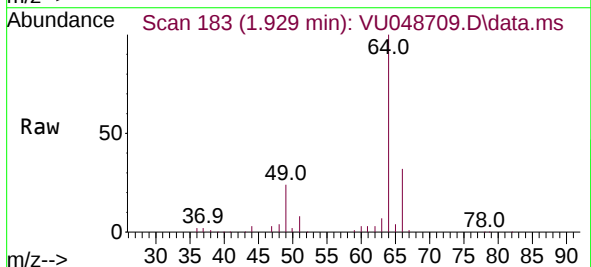
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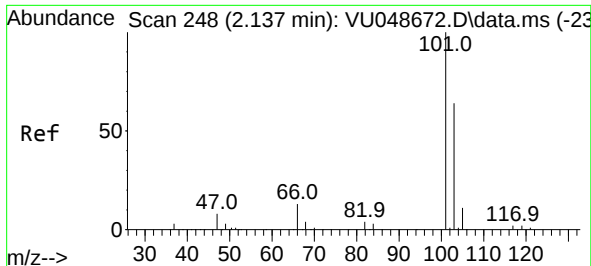
Tgt Ion: 94 Resp: 99535
Ion Ratio Lower Upper
94 100
96 94.8 75.1 112.7



#6
Chloroethane
Concen: 53.015 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 64 Resp: 101845
Ion Ratio Lower Upper
64 100
66 32.1 25.2 37.8

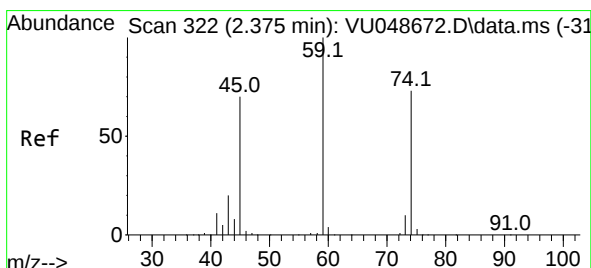
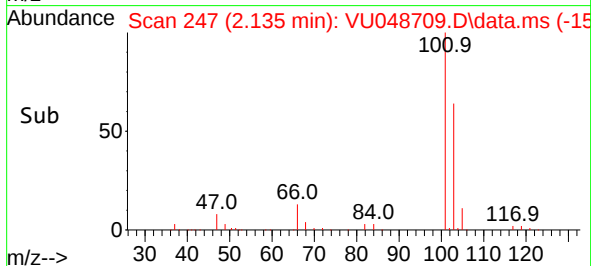
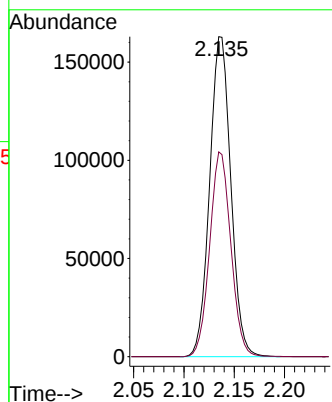
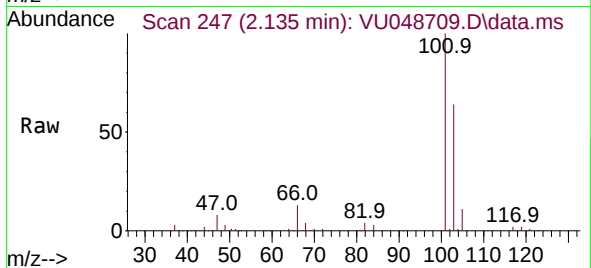




#7
 Trichlorofluoromethane
 Concen: 47.557 ug/l
 RT: 2.135 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

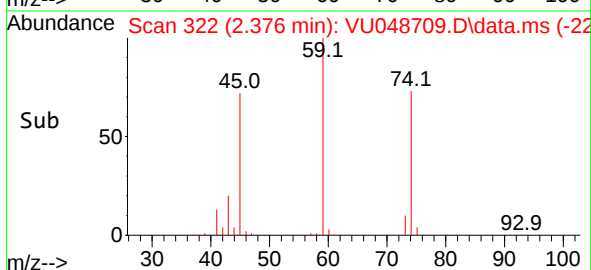
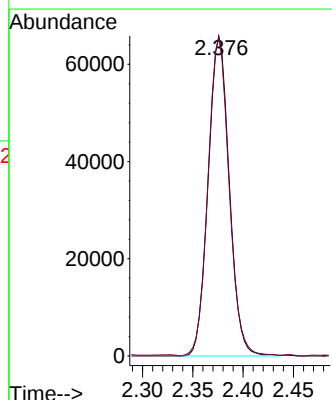
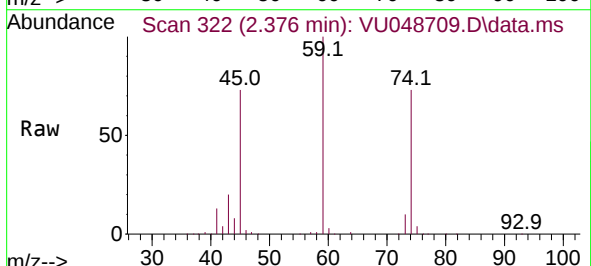
Instrument :
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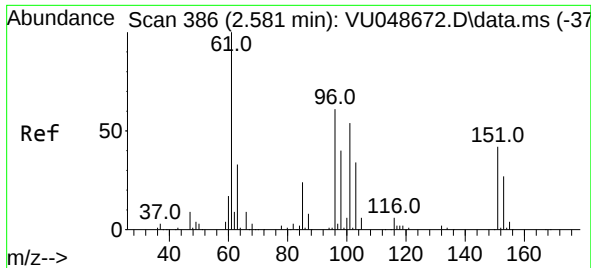
Tgt Ion:101 Resp: 238305
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.4



#8
 Diethyl Ether
 Concen: 51.876 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 95926
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.7 143.1

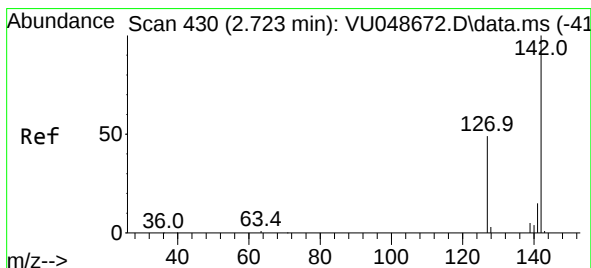
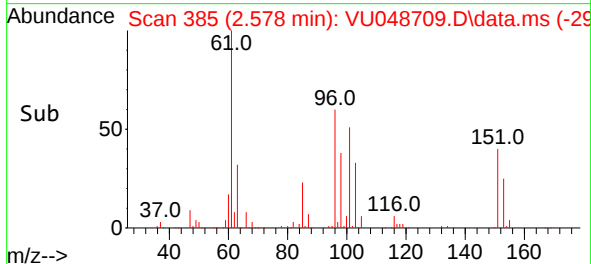
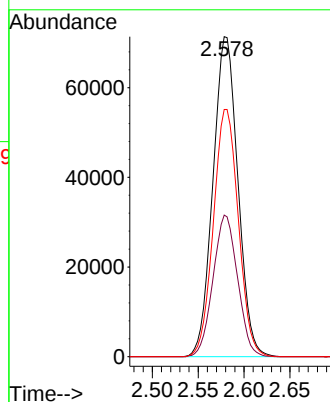
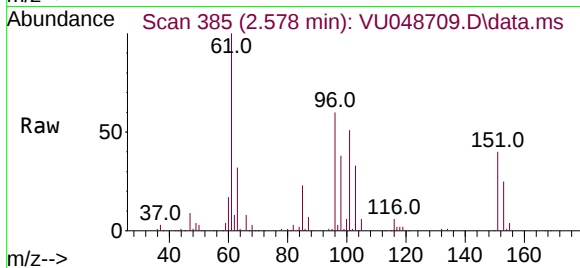




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.183 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

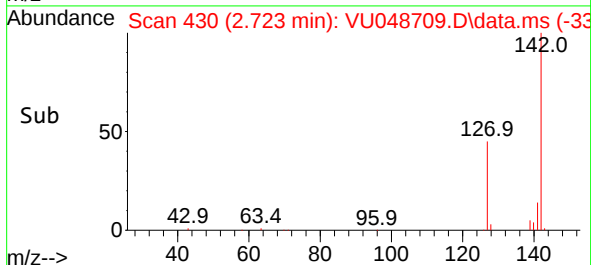
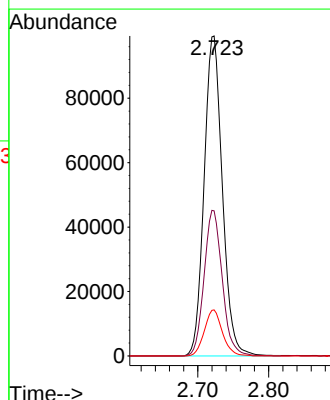
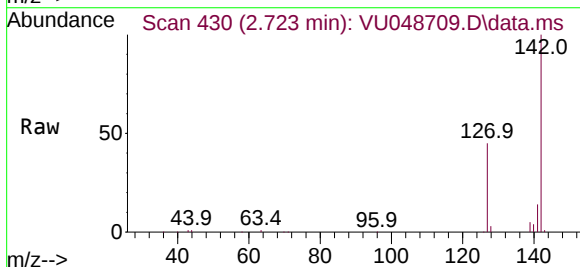
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 134906
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.2
 151 77.3 62.5 93.7



#10
 Methyl Iodide
 Concen: 44.000 ug/l
 RT: 2.723 min Scan# 430
 Delta R.T. -0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion:142 Resp: 177707
 Ion Ratio Lower Upper
 142 100
 127 45.3 38.4 57.6
 141 14.3 11.5 17.3

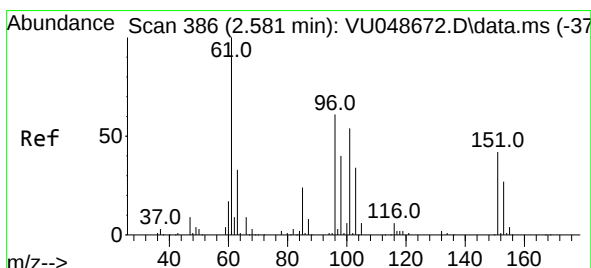
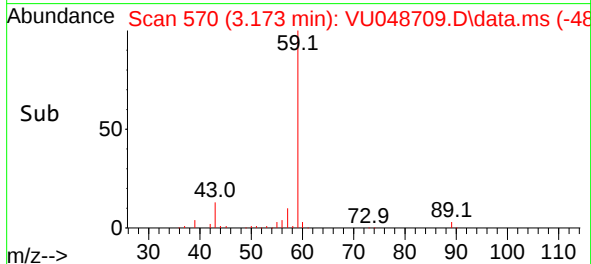
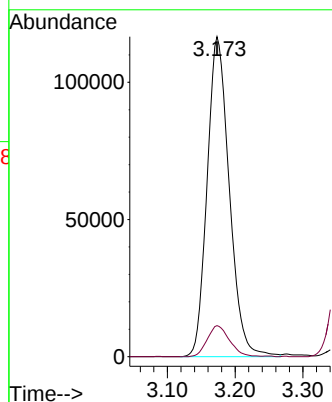
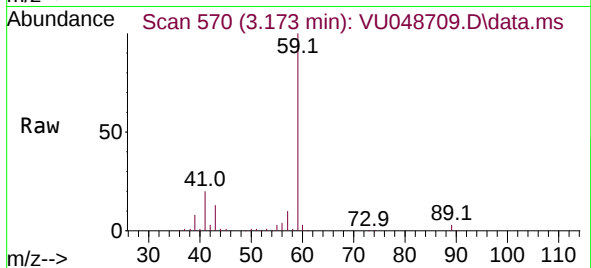




#11
Tert butyl alcohol
Concen: 270.606 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

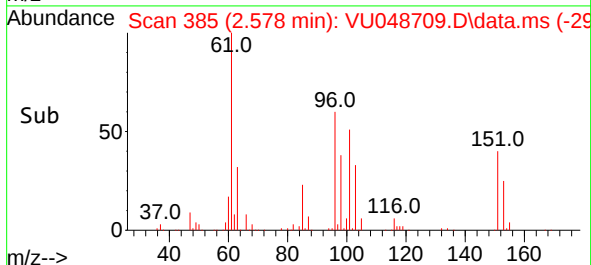
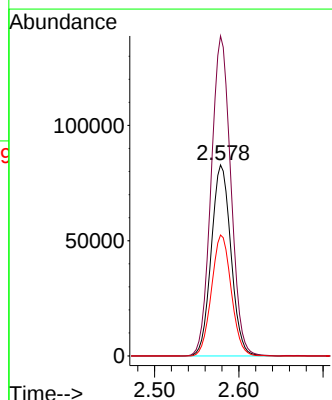
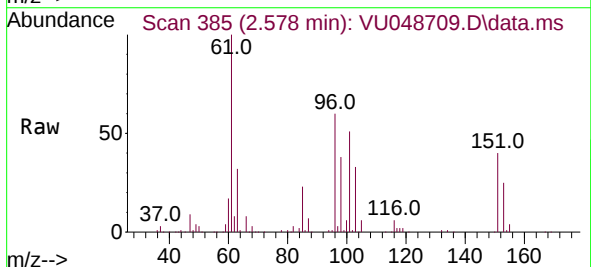
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 264851
Ion Ratio Lower Upper
59 100
57 9.8 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 51.384 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 96 Resp: 134434
Ion Ratio Lower Upper
96 100
61 167.5 131.1 196.7
98 63.3 51.8 77.8

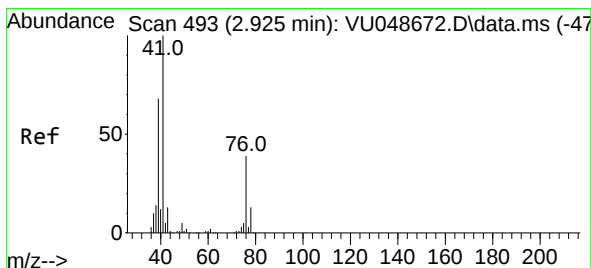
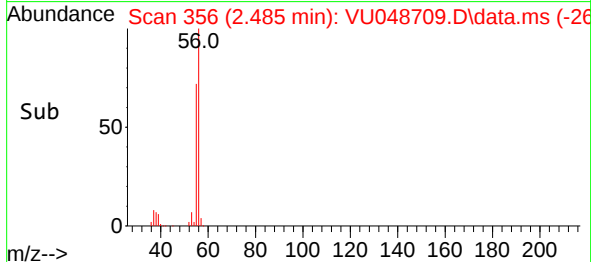
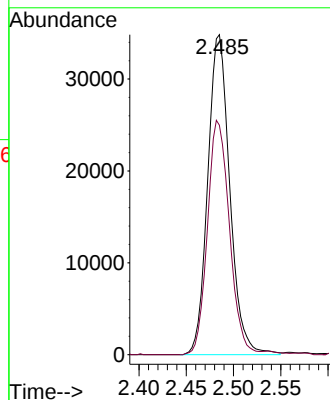
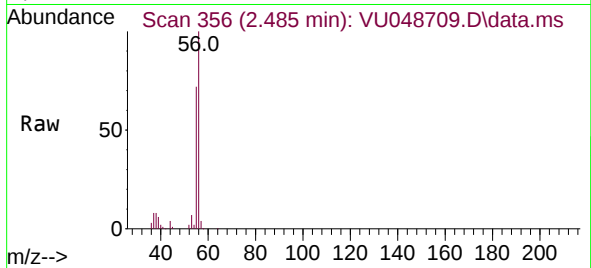




#13
Acrolein
Concen: 172.928 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

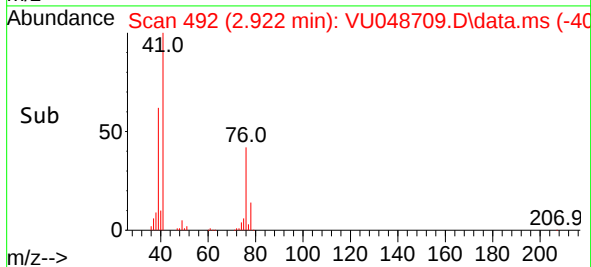
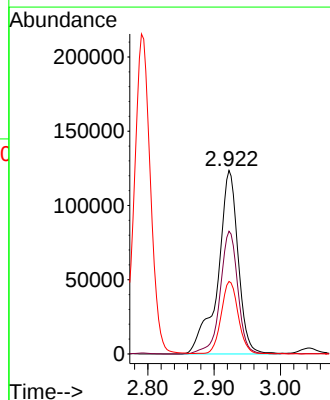
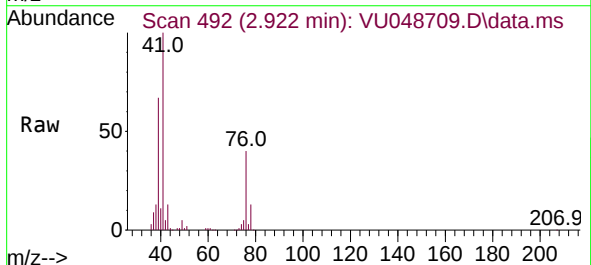
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

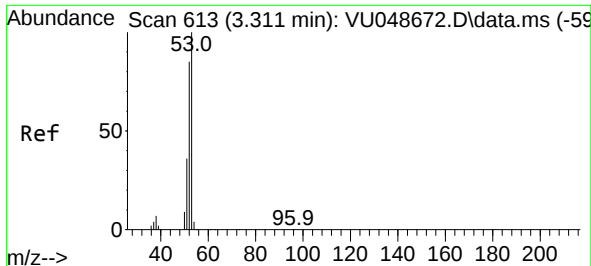
Tgt Ion: 56 Resp: 56512
Ion Ratio Lower Upper
56 100
55 73.0 57.7 86.5



#14
Allyl chloride
Concen: 51.672 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 41 Resp: 261839
Ion Ratio Lower Upper
41 100
39 58.3 48.6 72.8
76 33.0 27.0 40.4

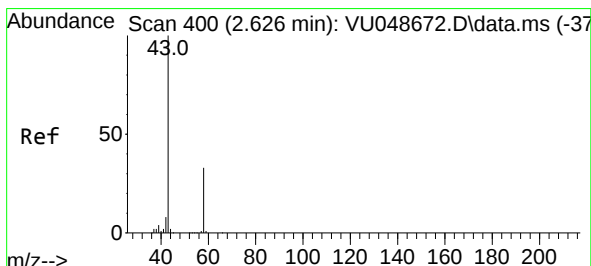
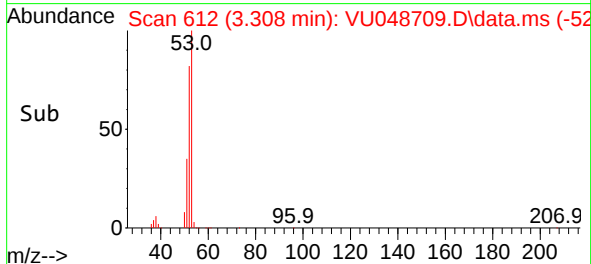
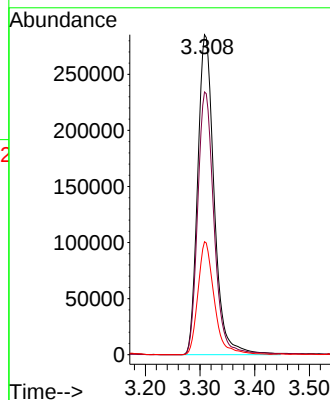
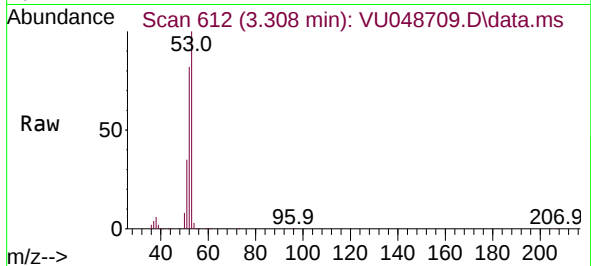




#15
Acrylonitrile
Concen: 281.010 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

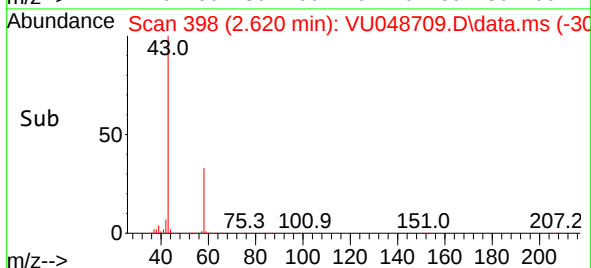
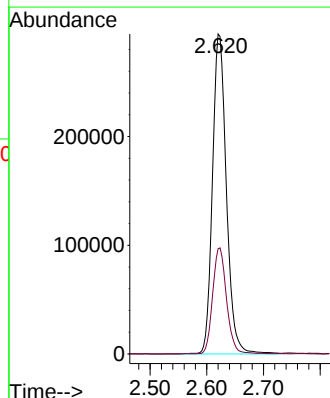
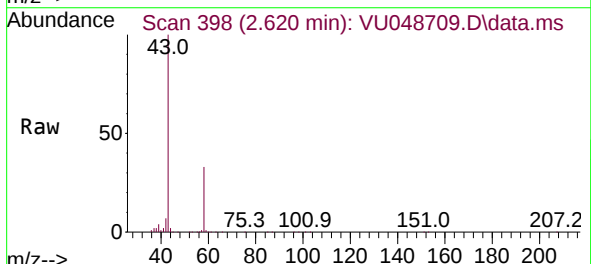
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

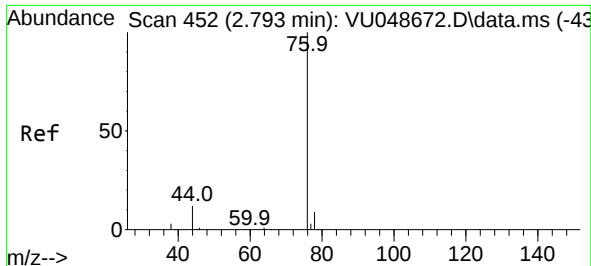
Tgt Ion: 53 Resp: 596499
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 35.1 28.6 42.8



#16
Acetone
Concen: 255.441 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 43 Resp: 502552
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5





#17

Carbon Disulfide

Concen: 47.085 ug/l

RT: 2.790 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

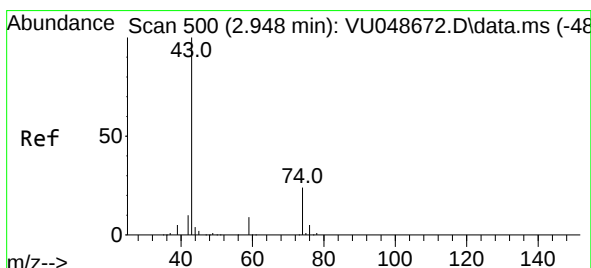
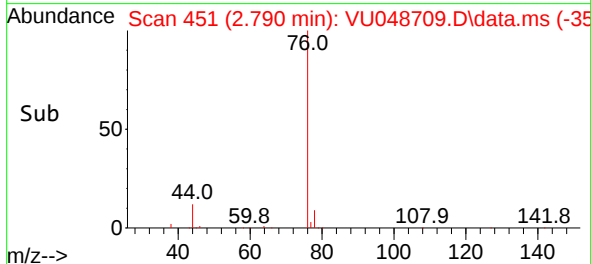
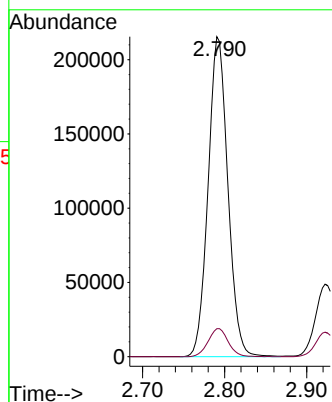
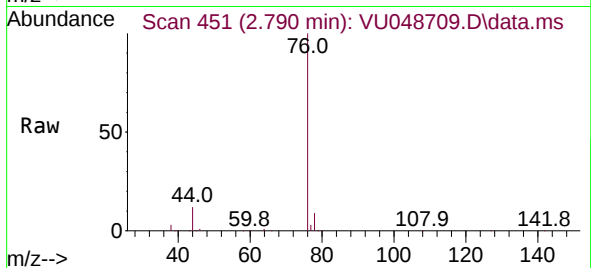
VSTDCCC050

Tgt Ion: 76 Resp: 359614

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



#18

Methyl Acetate

Concen: 59.791 ug/l

RT: 2.945 min Scan# 499

Delta R.T. -0.003 min

Lab File: VU048709.D

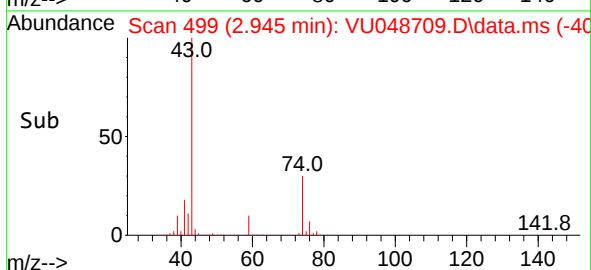
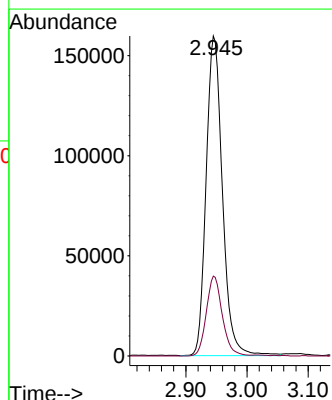
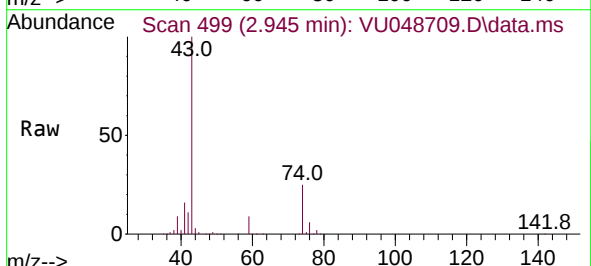
Acq: 27 May 2022 21:43

Tgt Ion: 43 Resp: 295345

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8

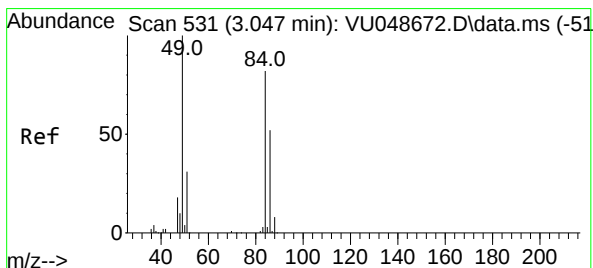
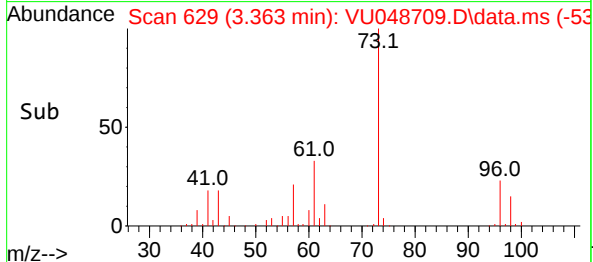
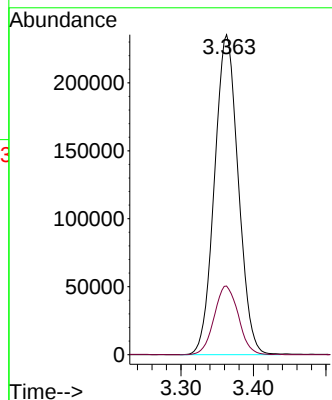
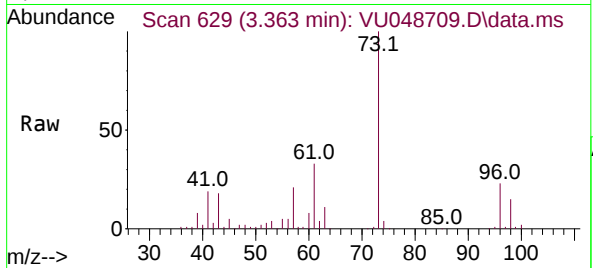




#19
Methyl tert-butyl Ether
Concen: 53.963 ug/l
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

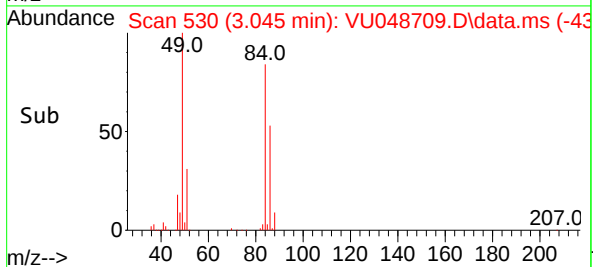
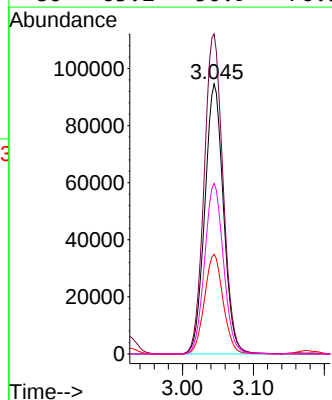
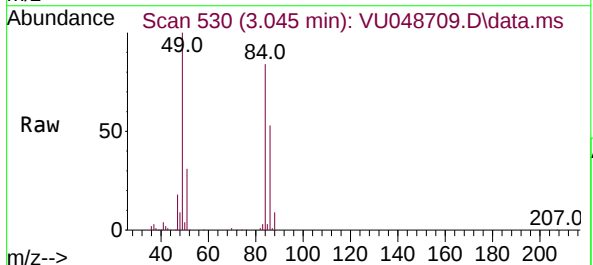
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

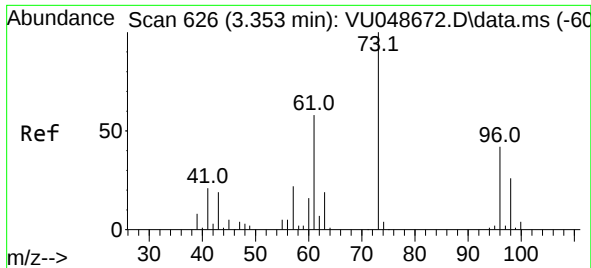
Tgt Ion: 73 Resp: 535692
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 51.671 ug/l
RT: 3.045 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 84 Resp: 172869
Ion Ratio Lower Upper
84 100
49 118.5 97.0 145.4
51 36.9 29.8 44.8
86 63.2 50.9 76.3

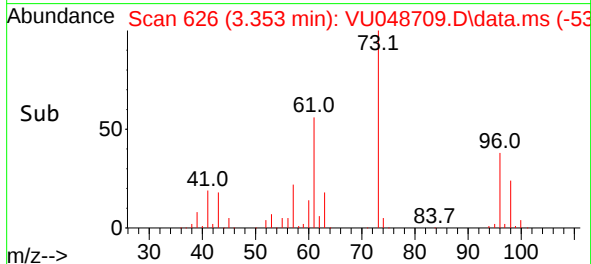
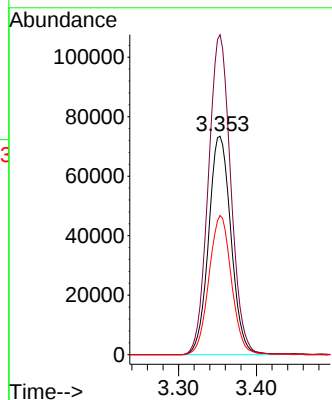
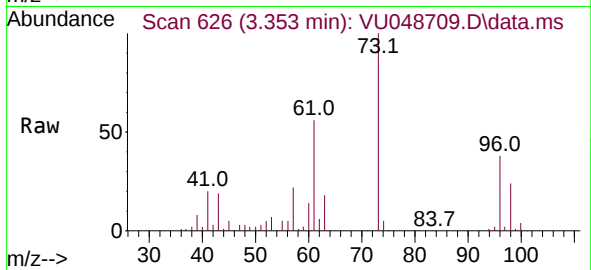




#21
trans-1,2-Dichloroethene
Concen: 49.071 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

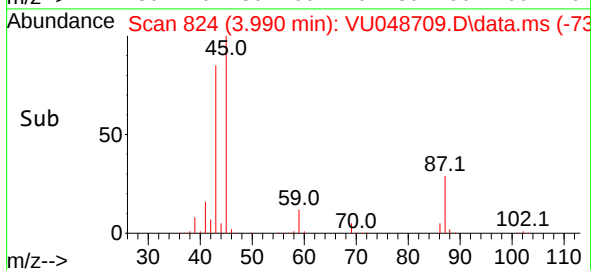
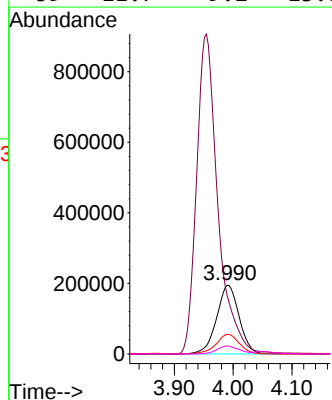
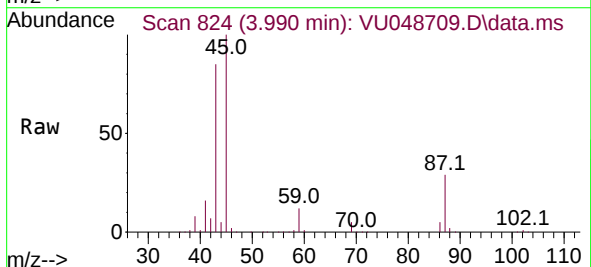
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

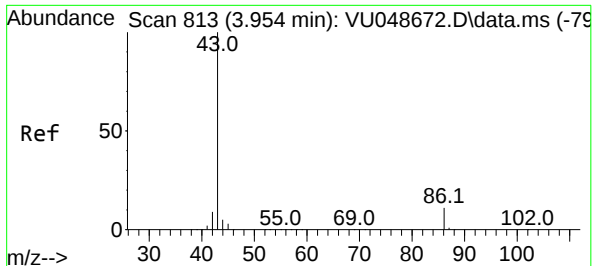
Tgt Ion: 96 Resp: 146857
Ion Ratio Lower Upper
96 100
61 146.5 109.4 164.2
98 63.7 48.9 73.3



#22
Diisopropyl ether
Concen: 55.282 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 45 Resp: 516742
Ion Ratio Lower Upper
45 100
43 83.9 65.2 97.8
87 28.5 22.7 34.1
59 11.7 9.2 13.8

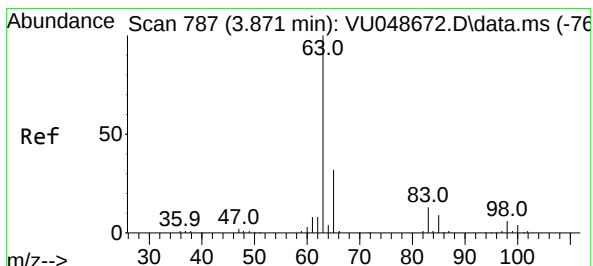
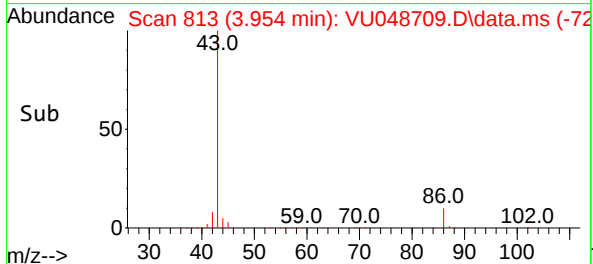
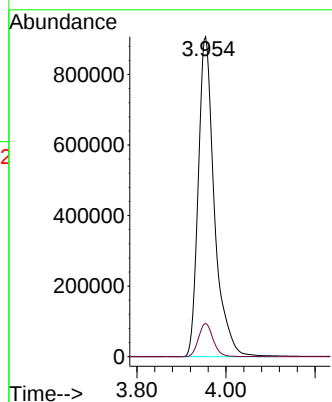
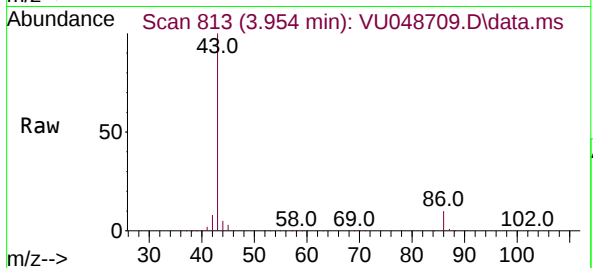




#23
 Vinyl Acetate
 Concen: 282.248 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

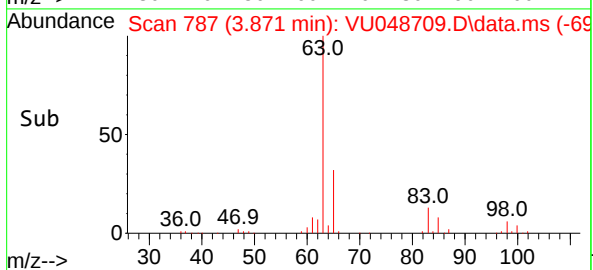
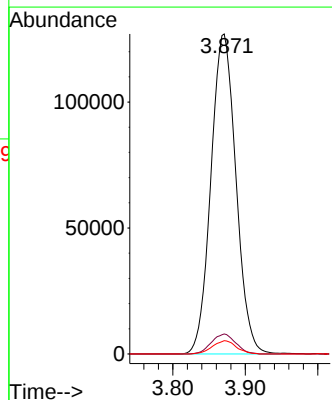
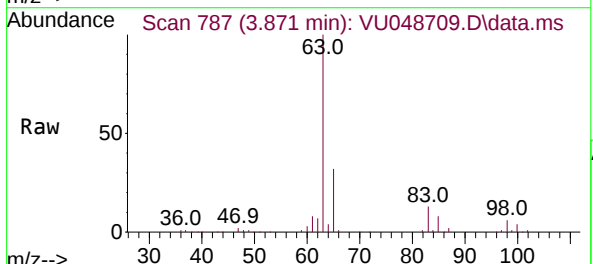
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

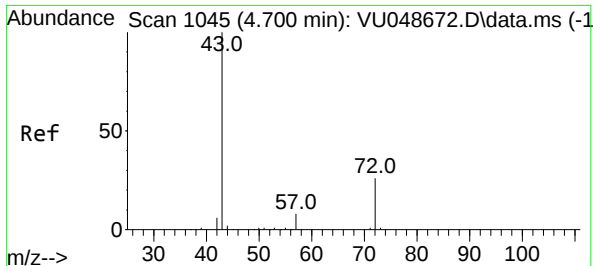
Tgt Ion: 43 Resp: 2285818
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 51.885 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion: 63 Resp: 304595
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 274.312 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

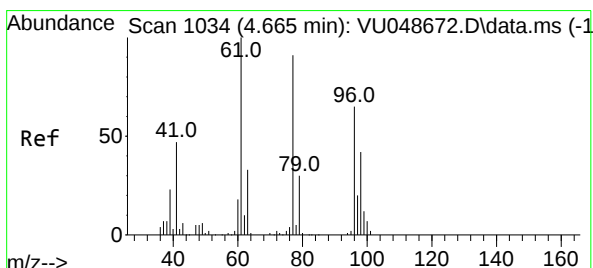
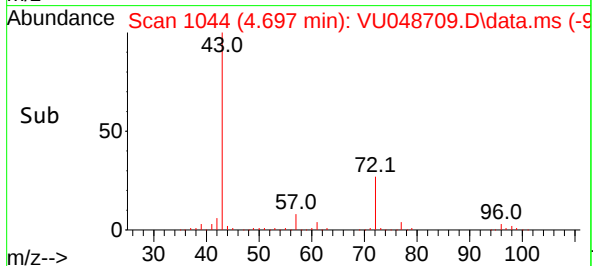
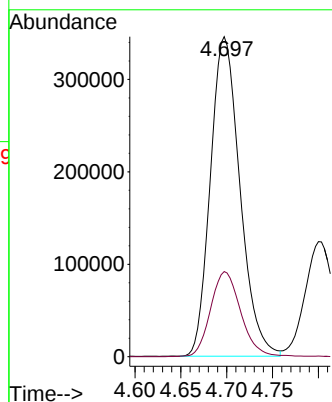
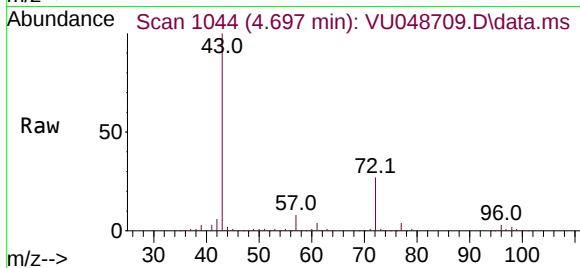
VSTDCCC050

Tgt Ion: 43 Resp: 775297

Ion Ratio Lower Upper

43 100

72 26.5 21.1 31.7



#26

2,2-Dichloropropane

Concen: 37.985 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048709.D

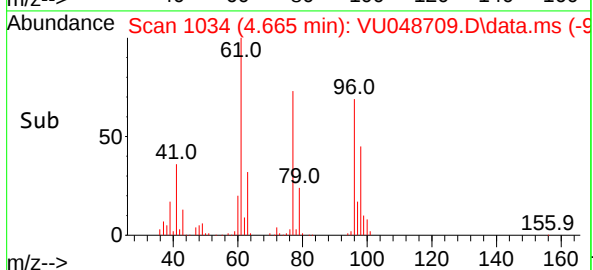
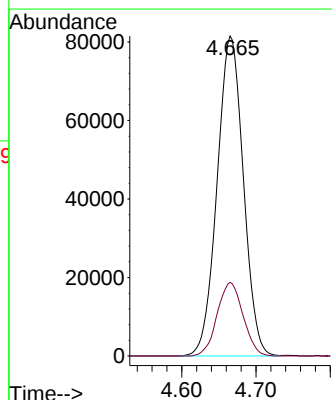
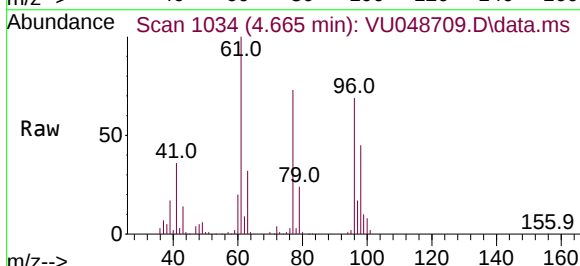
Acq: 27 May 2022 21:43

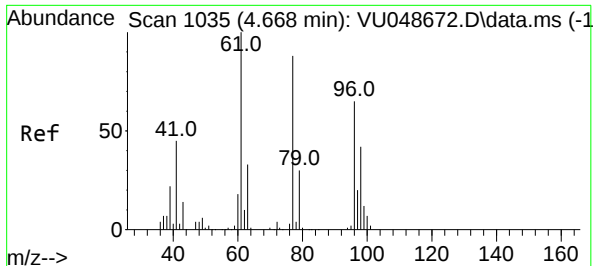
Tgt Ion: 77 Resp: 200059

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.1



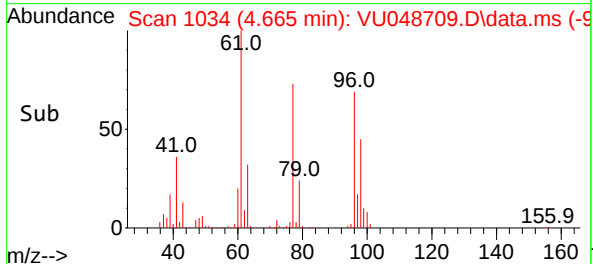
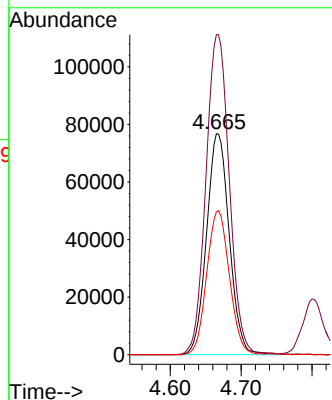
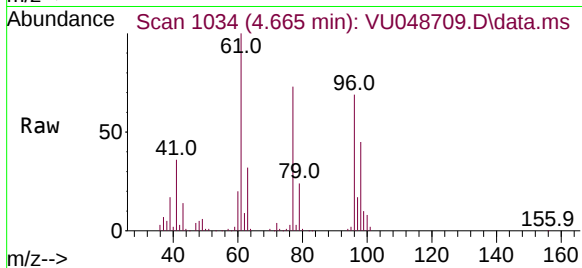


#27
 cis-1,2-Dichloroethene
 Concen: 49.294 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 170755

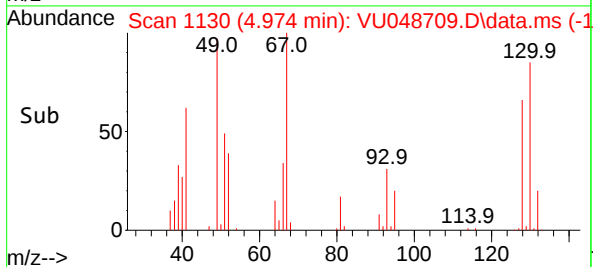
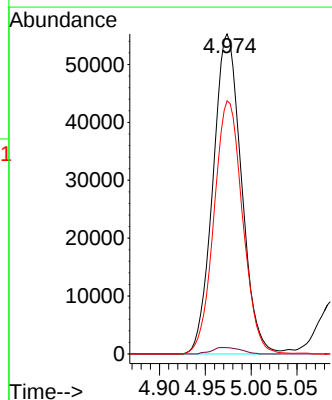
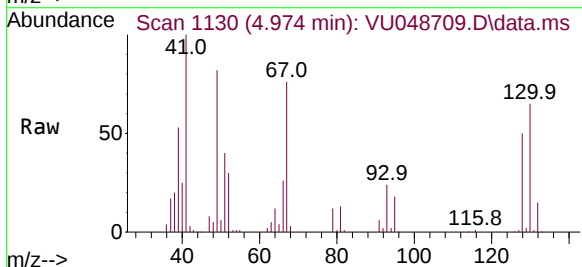
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	306.2
98	65.1	0.0	130.4

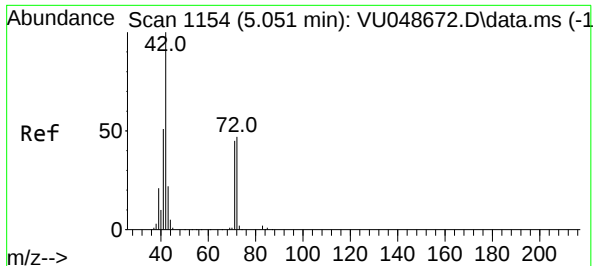


#28
 Bromochloromethane
 Concen: 51.675 ug/l
 RT: 4.974 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion: 49 Resp: 118990

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	79.7	62.1	93.1

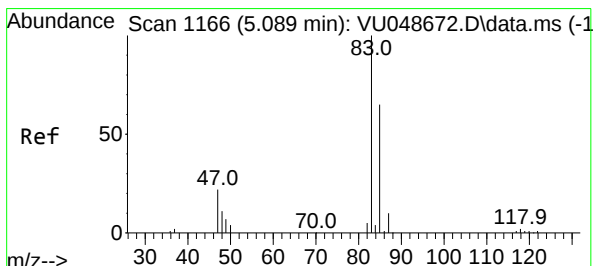
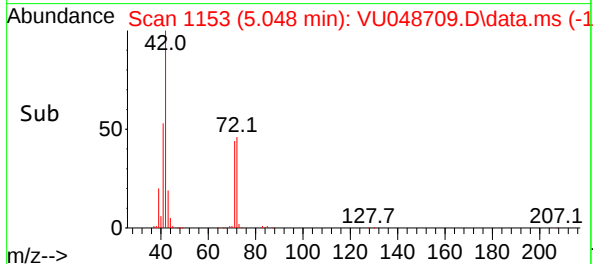
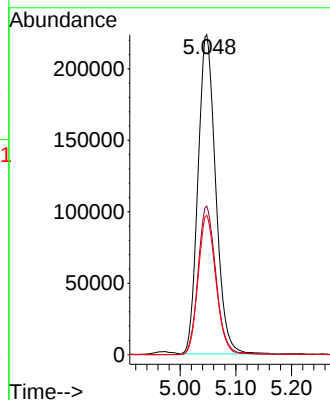
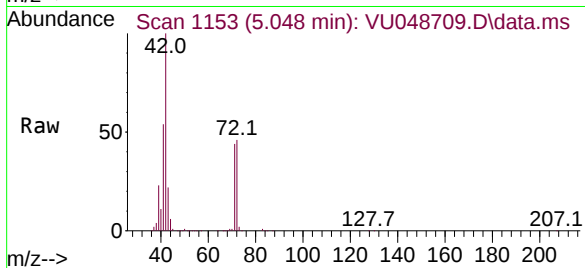




#29
Tetrahydrofuran
Concen: 276.859 ug/l
RT: 5.048 min Scan# 1153
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

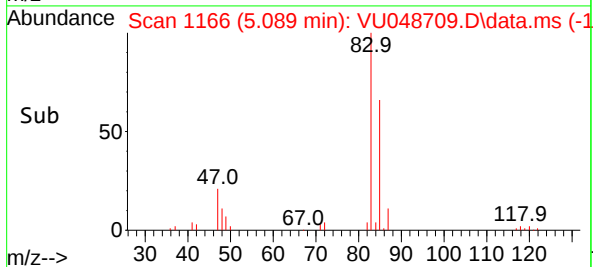
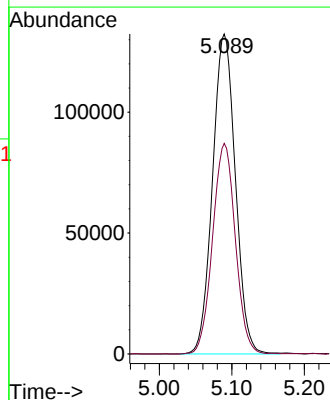
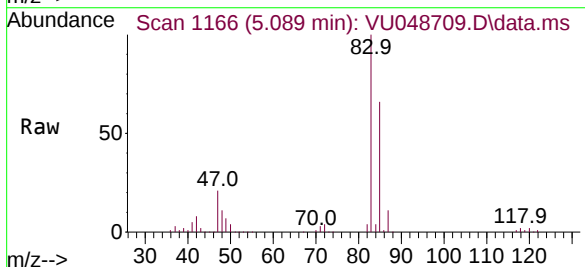
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

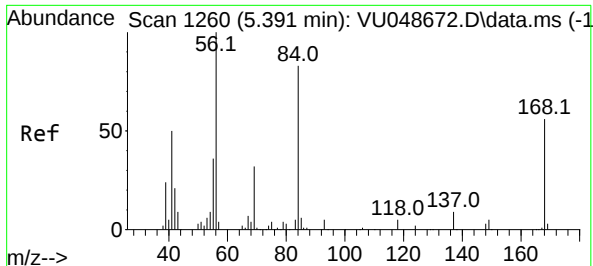
Tgt Ion: 42 Resp: 492889
Ion Ratio Lower Upper
42 100
72 47.3 37.6 56.4
71 43.9 35.0 52.4



#30
Chloroform
Concen: 49.326 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 83 Resp: 289743
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2

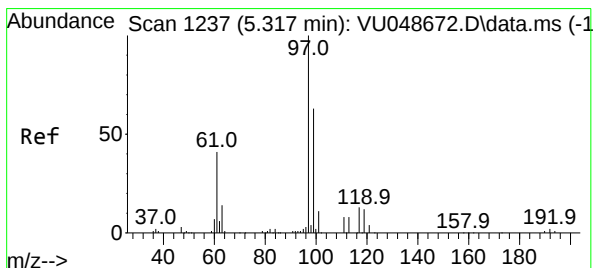
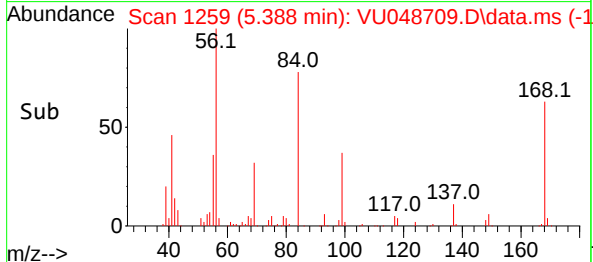
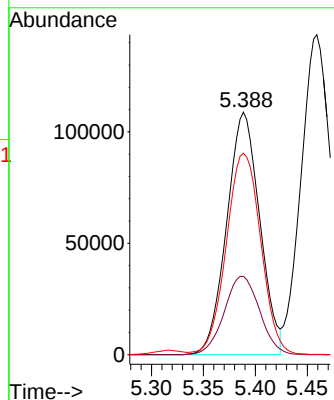
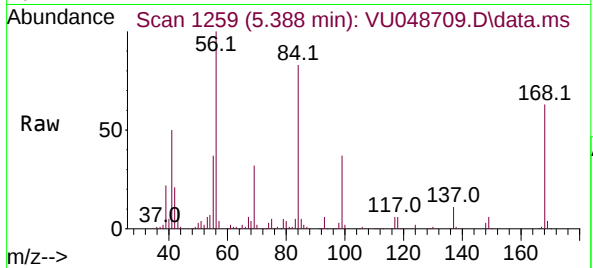




#31
Cyclohexane
Concen: 49.421 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

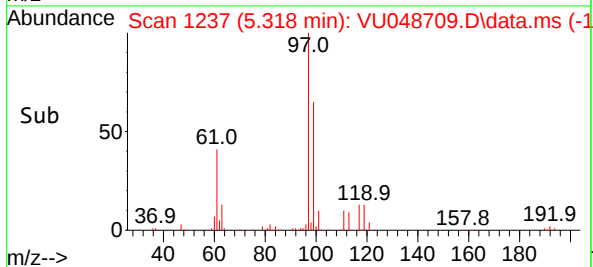
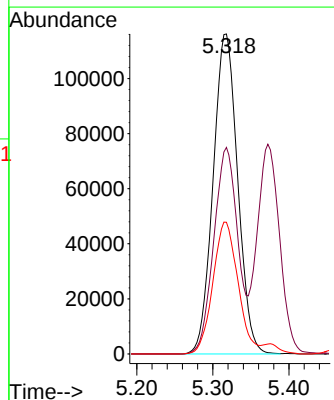
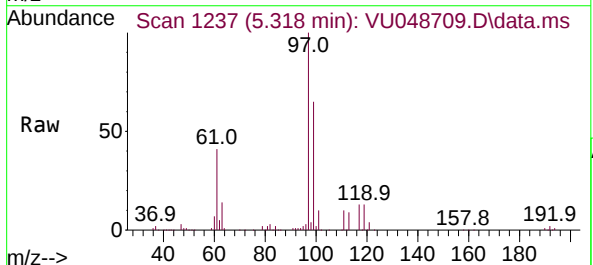
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

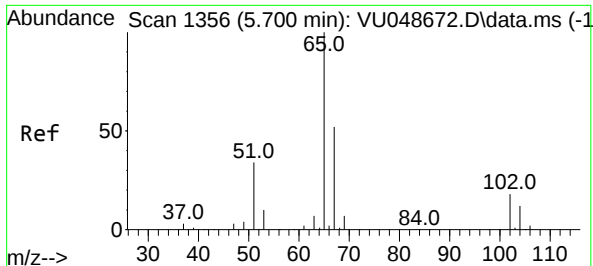
Tgt Ion: 56 Resp: 240435
Ion Ratio Lower Upper
56 100
69 32.3 25.6 38.4
84 81.7 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 48.944 ug/l
RT: 5.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 97 Resp: 260832
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 42.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.761 ug/l

RT: 5.704 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

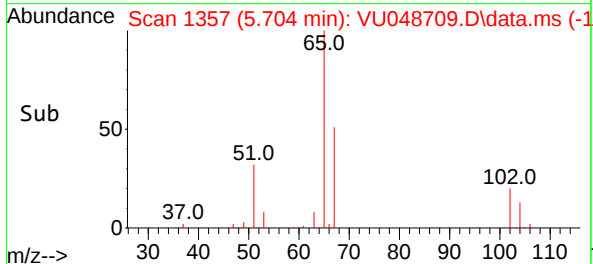
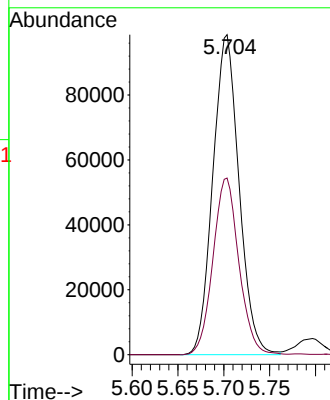
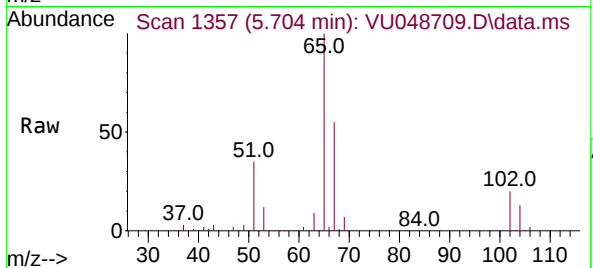
VSTDCCC050

Tgt Ion: 65 Resp: 195962

Ion Ratio Lower Upper

65 100

67 54.5 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: VU048709.D

Acq: 27 May 2022 21:43

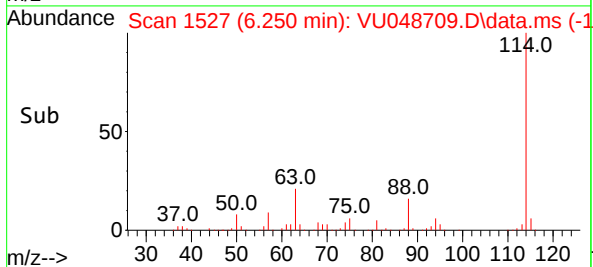
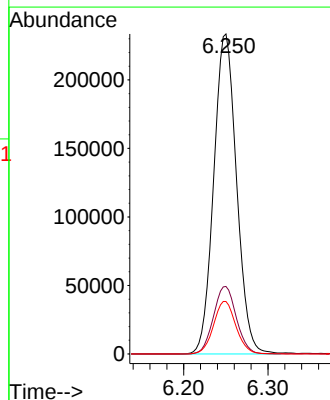
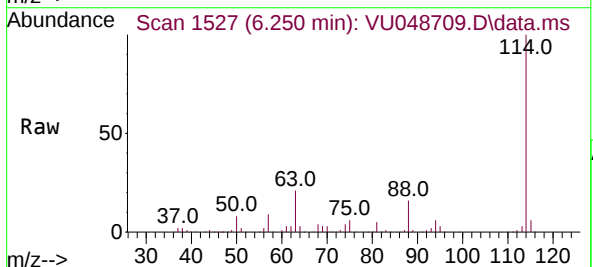
Tgt Ion: 114 Resp: 439314

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 16.4 0.0 32.2

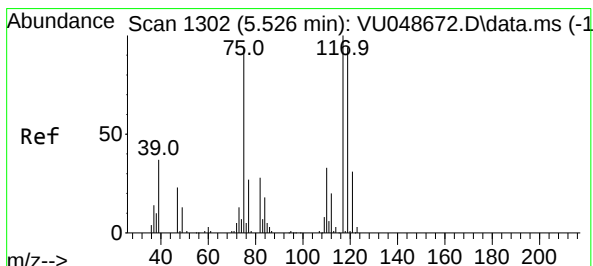
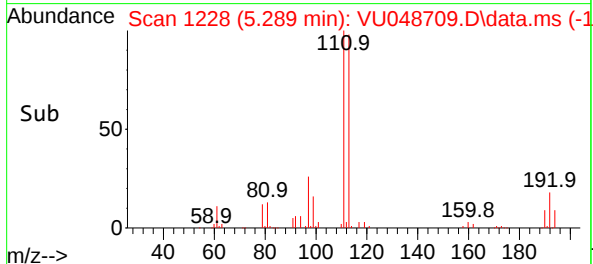
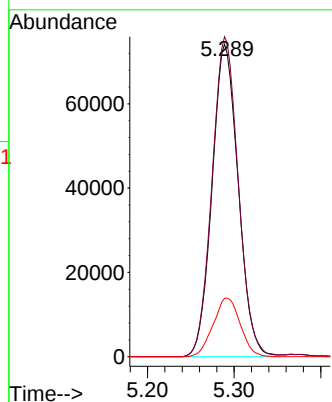
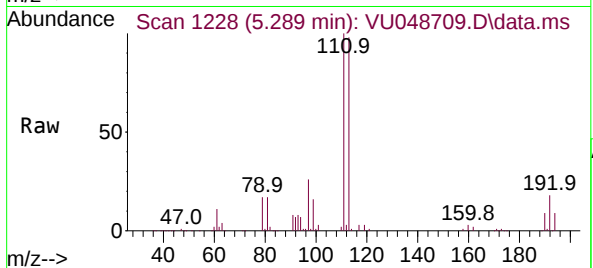




#35
Dibromofluoromethane
Concen: 49.565 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

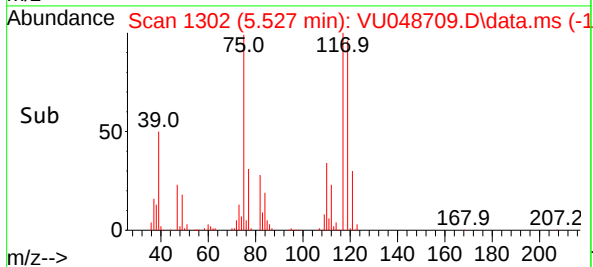
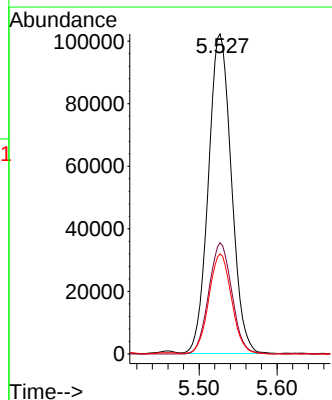
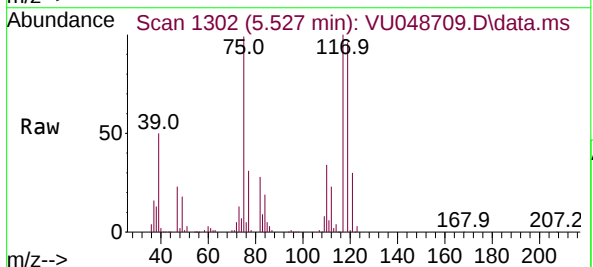
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

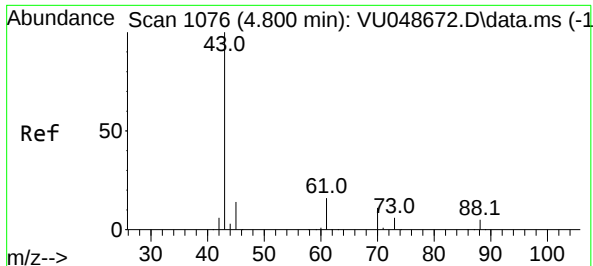
Tgt Ion:113 Resp: 155345
Ion Ratio Lower Upper
113 100
111 102.9 80.7 121.1
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 45.766 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 75 Resp: 209347
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 48.726 ug/l

RT: 4.800 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

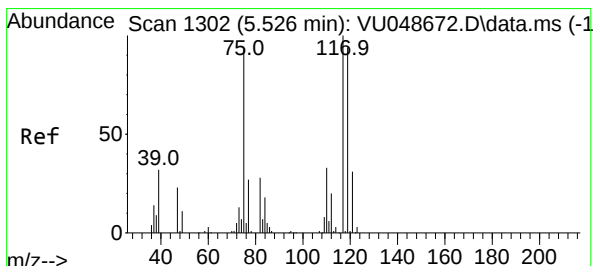
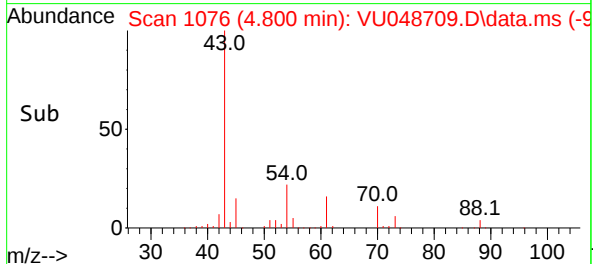
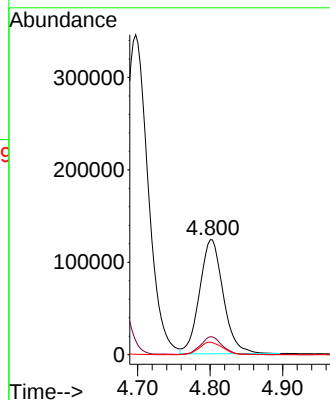
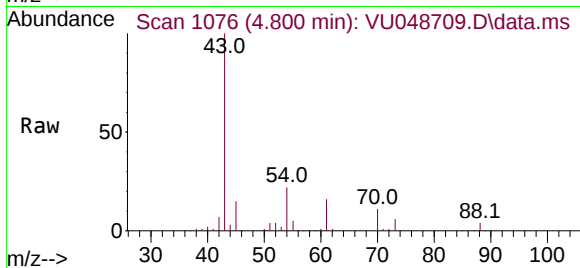
Tgt Ion: 43 Resp: 281767

Ion Ratio Lower Upper

43 100

61 14.1 11.7 17.5

70 10.8 8.4 12.6



#38

Carbon Tetrachloride

Concen: 43.093 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

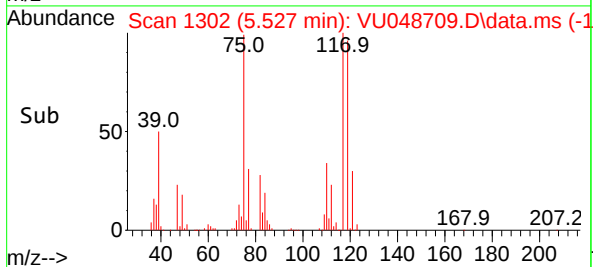
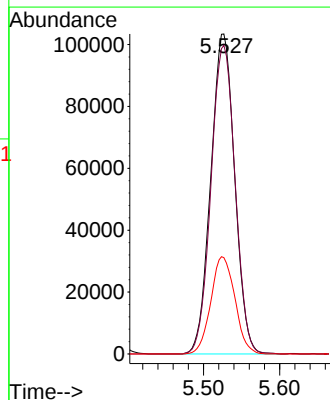
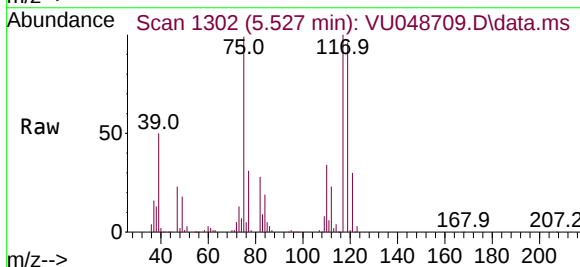
Tgt Ion: 117 Resp: 226148

Ion Ratio Lower Upper

117 100

119 96.5 75.4 113.2

121 30.1 24.6 36.8





#39

Methylcyclohexane

Concen: 49.731 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

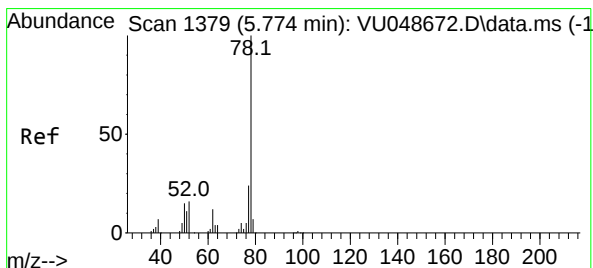
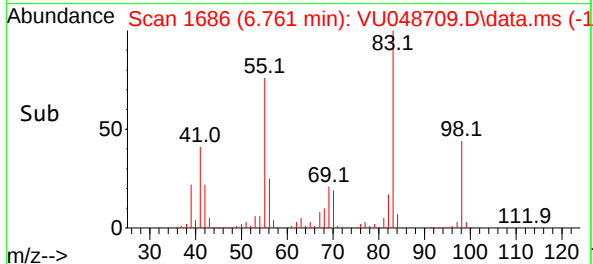
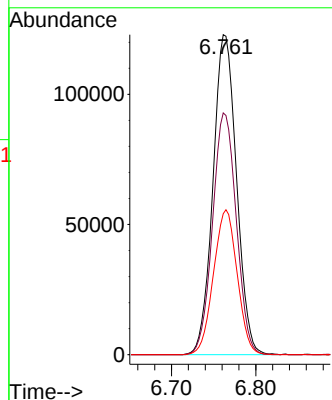
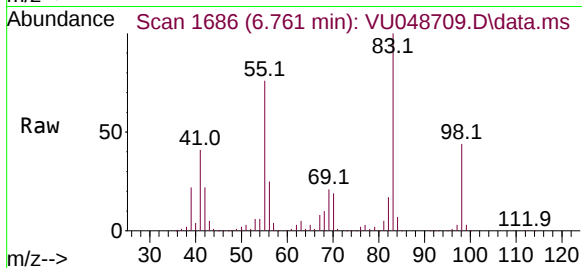
Tgt Ion: 83 Resp: 238520

Ion Ratio Lower Upper

83 100

55 75.6 61.0 91.6

98 44.0 36.8 55.2



#40

Benzene

Concen: 45.943 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048709.D

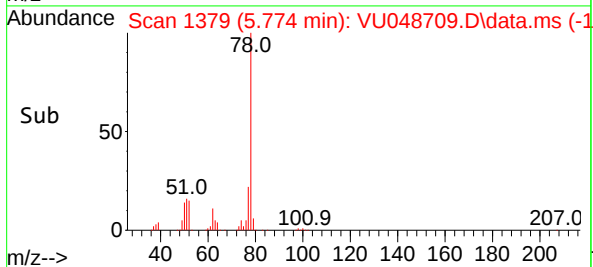
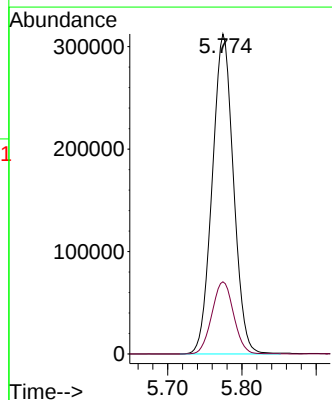
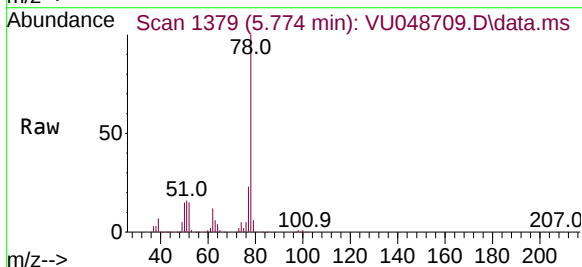
Acq: 27 May 2022 21:43

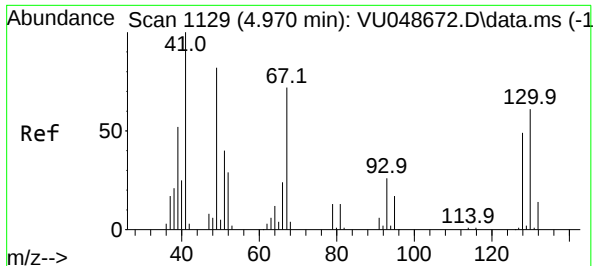
Tgt Ion: 78 Resp: 620442

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6



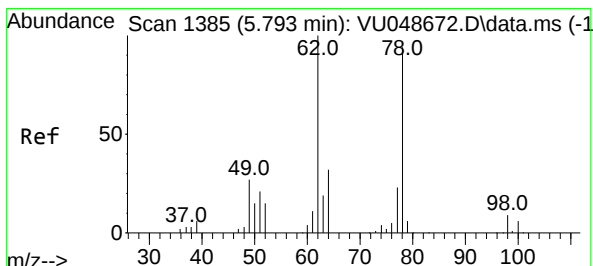
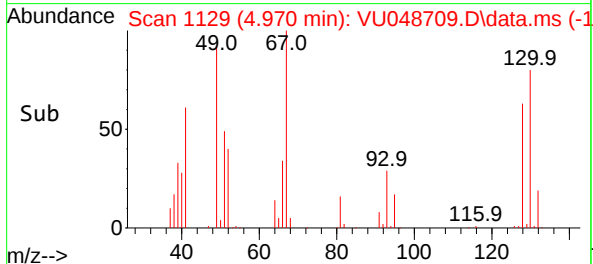
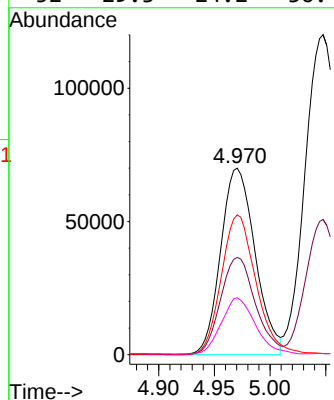
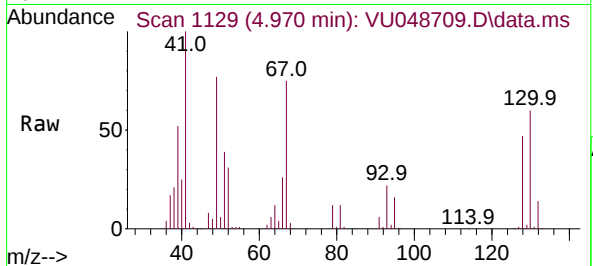


#41
Methacrylonitrile
Concen: 51.659 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 150958

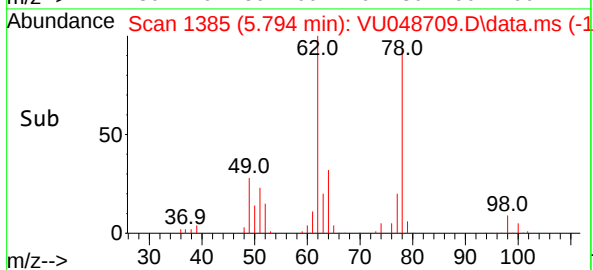
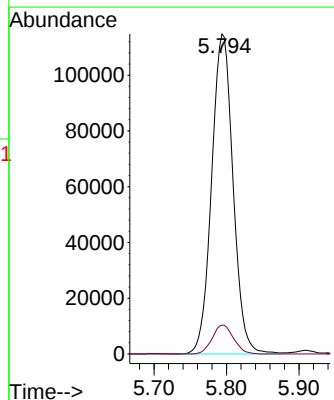
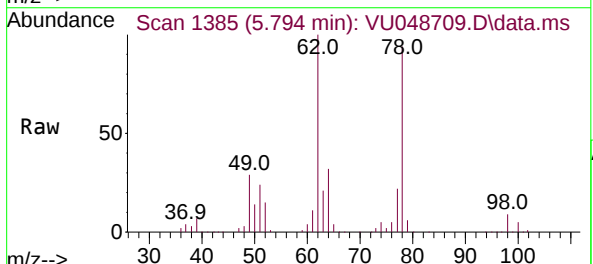
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.6	64.0
67	76.1	61.0	91.4
52	29.3	24.2	36.4

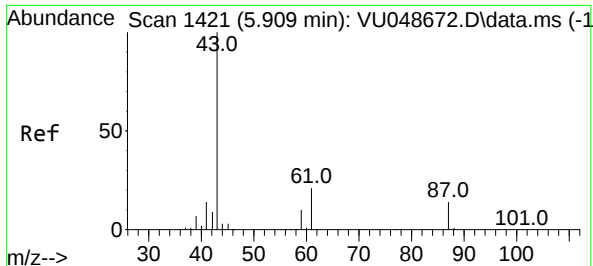


#42
1,2-Dichloroethane
Concen: 44.568 ug/l
RT: 5.794 min Scan# 1385
Delta R.T. 0.001 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 62 Resp: 235602

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0





#43

Isopropyl Acetate

Concen: 49.892 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

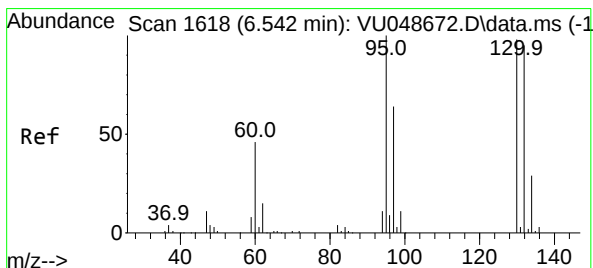
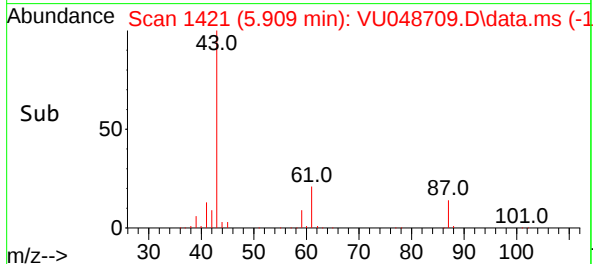
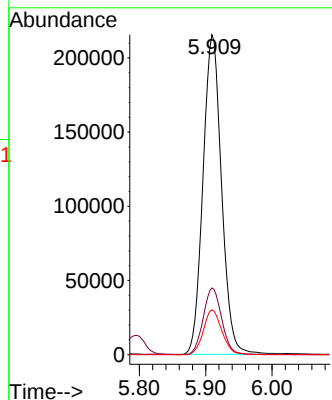
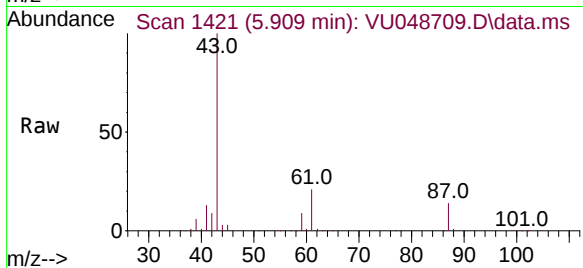
Tgt Ion: 43 Resp: 418747

Ion Ratio Lower Upper

43 100

61 20.9 16.7 25.1

87 14.0 10.9 16.3



#44

Trichloroethene

Concen: 46.905 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048709.D

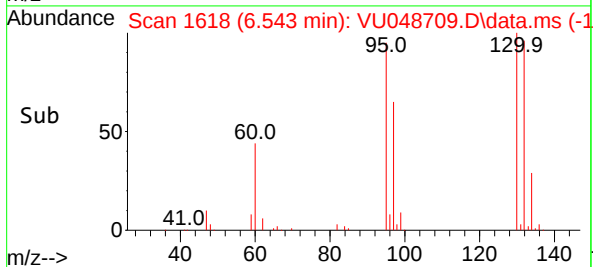
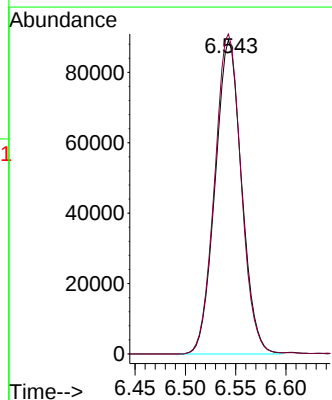
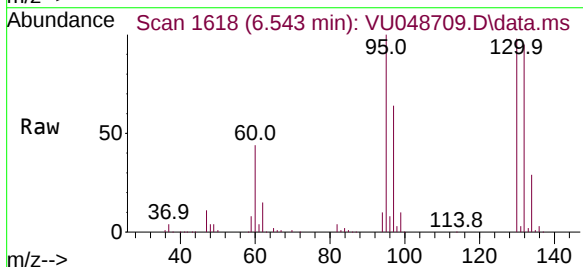
Acq: 27 May 2022 21:43

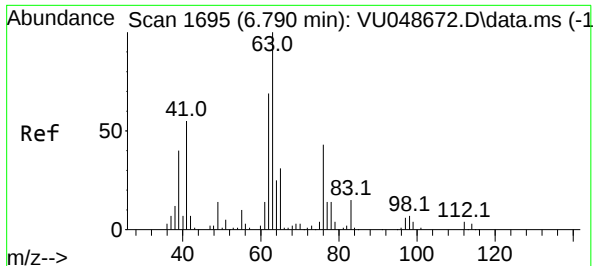
Tgt Ion:130 Resp: 163192

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 52.443 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

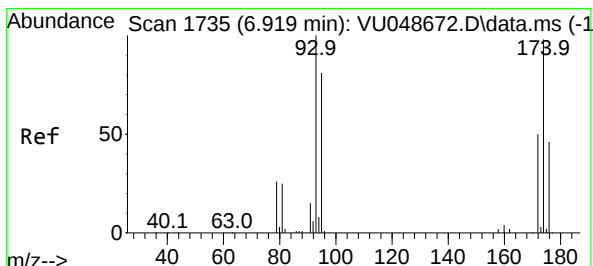
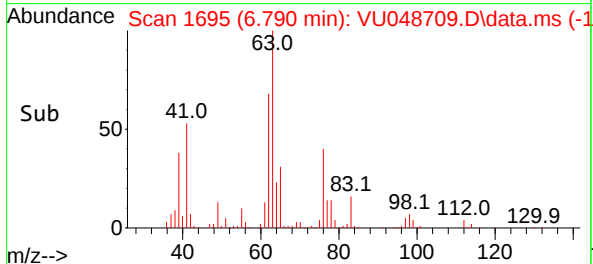
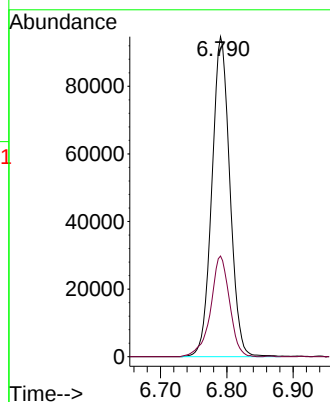
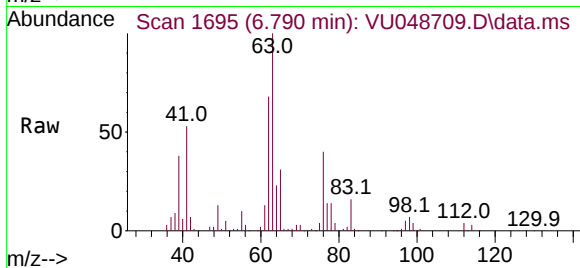
VSTDCCC050

Tgt Ion: 63 Resp: 178295

Ion Ratio Lower Upper

63 100

65 31.4 24.8 37.2



#46

Dibromomethane

Concen: 48.462 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

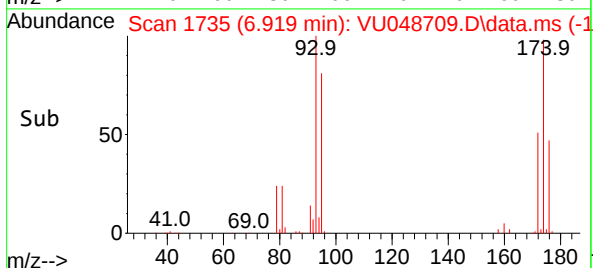
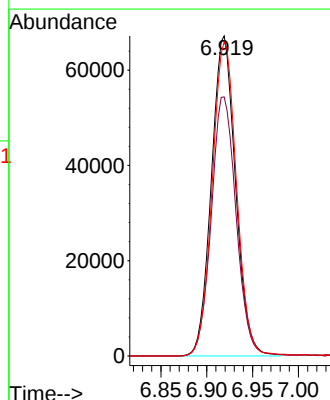
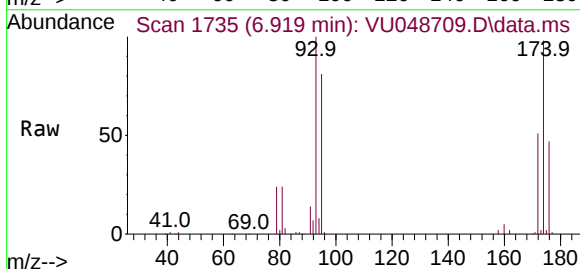
Tgt Ion: 93 Resp: 123094

Ion Ratio Lower Upper

93 100

95 83.3 65.1 97.7

174 98.8 77.8 116.6

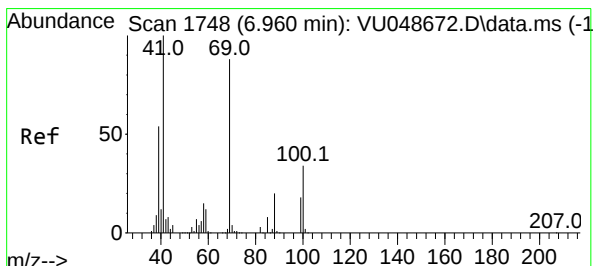
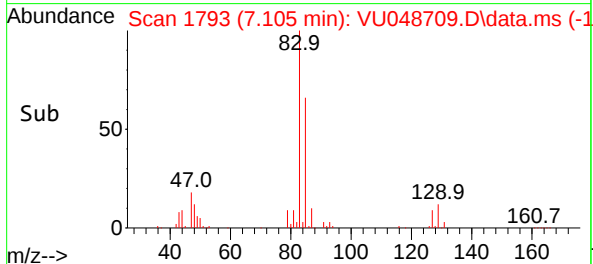
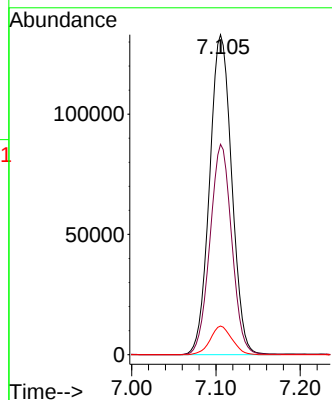
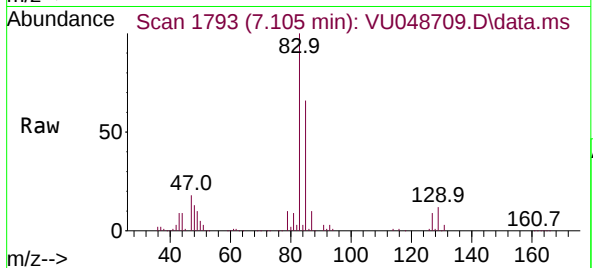




#47
Bromodichloromethane
Concen: 47.319 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

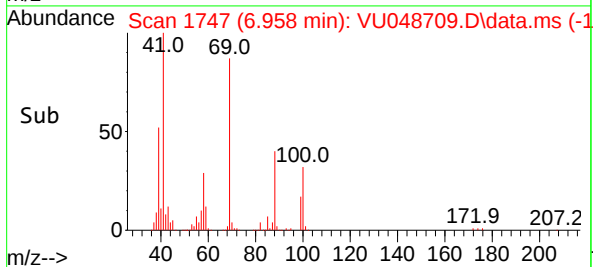
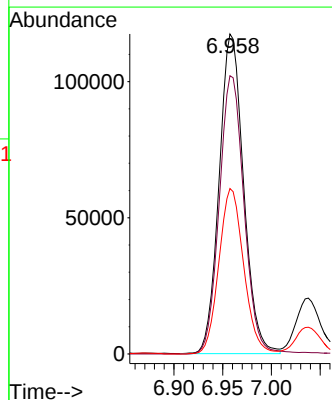
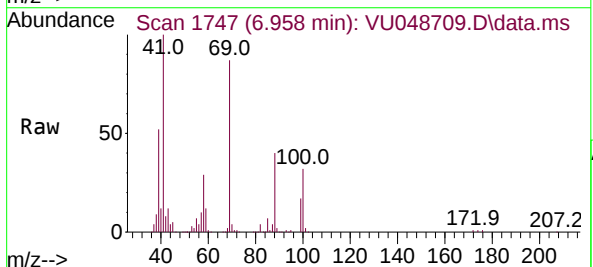
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

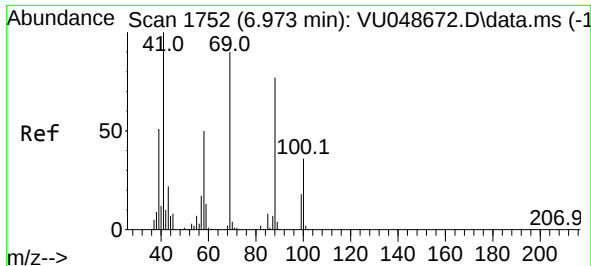
Tgt Ion: 83 Resp: 243058
Ion Ratio Lower Upper
83 100
85 65.8 52.1 78.1
127 9.0 6.9 10.3



#48
Methyl methacrylate
Concen: 54.364 ug/l
RT: 6.958 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 41 Resp: 204833
Ion Ratio Lower Upper
41 100
69 88.2 70.7 106.1
39 52.5 43.4 65.2





#49

1,4-Dioxane

Concen: 1102.582 ug/l

RT: 6.961 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

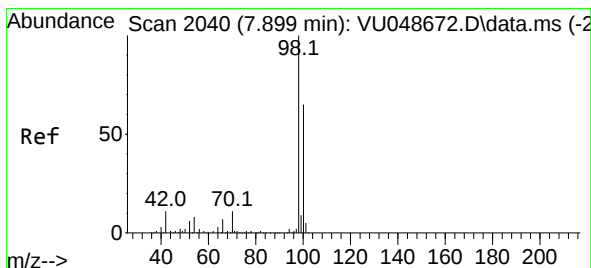
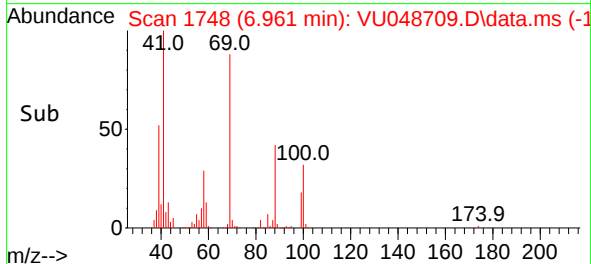
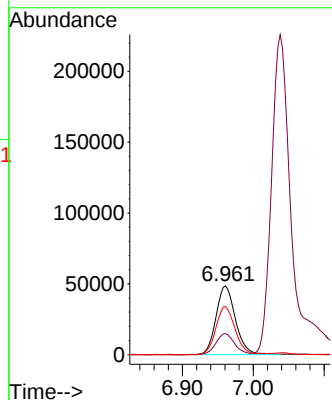
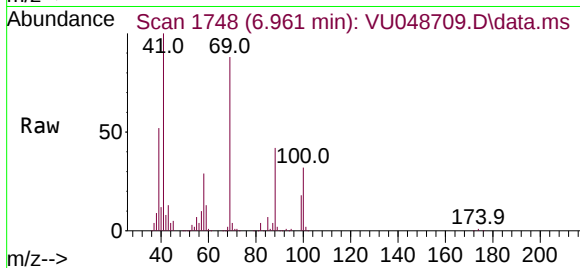
Tgt Ion: 88 Resp: 92868

Ion Ratio Lower Upper

88 100

43 29.9 24.6 36.8

58 69.0 54.7 82.1



#50

Toluene-d8

Concen: 51.655 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048709.D

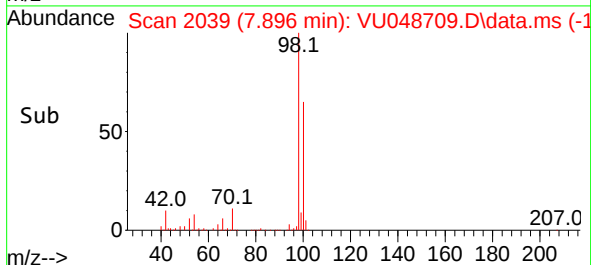
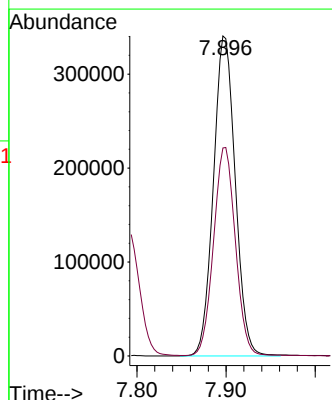
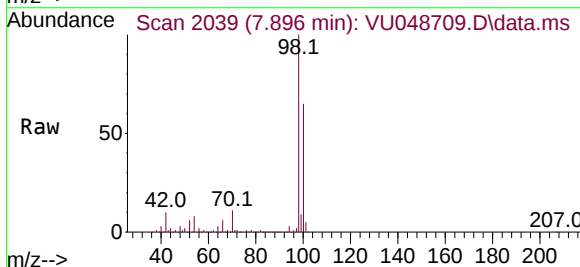
Acq: 27 May 2022 21:43

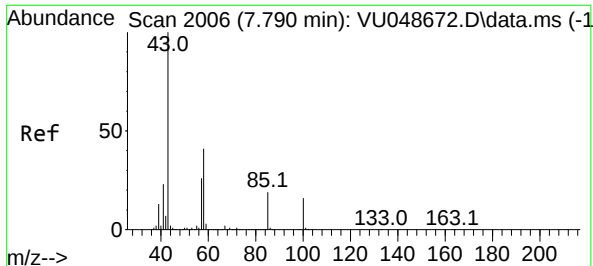
Tgt Ion: 98 Resp: 580335

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

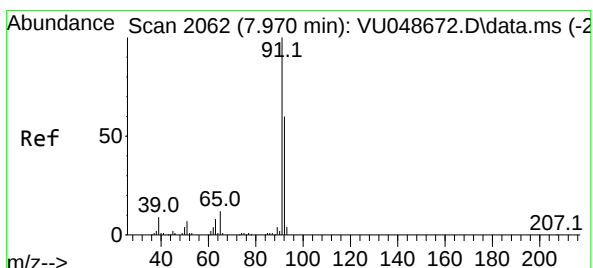
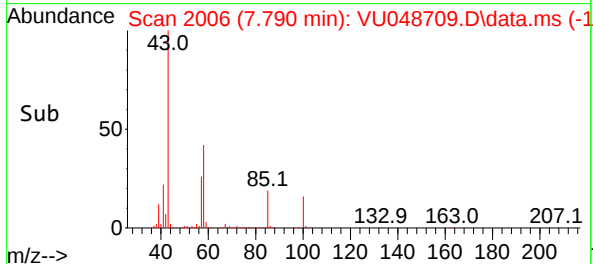
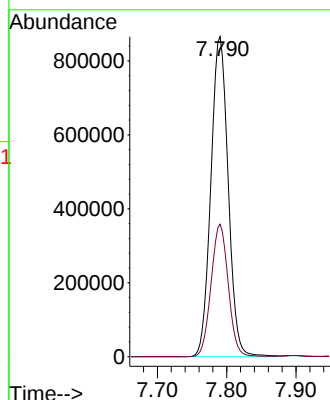
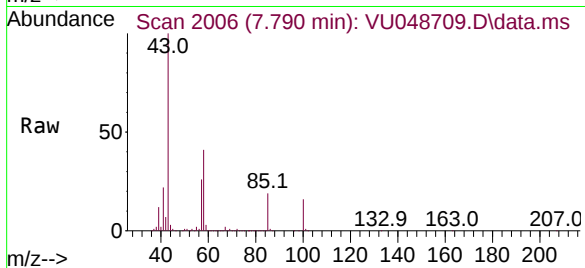




#51
4-Methyl-2-Pentanone
Concen: 275.113 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

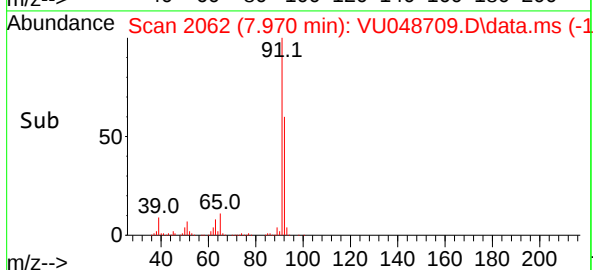
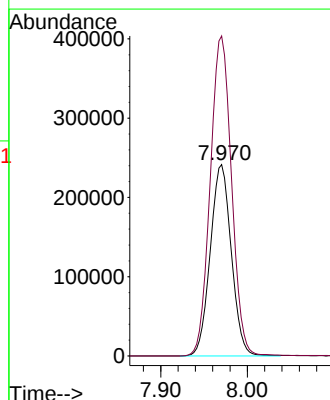
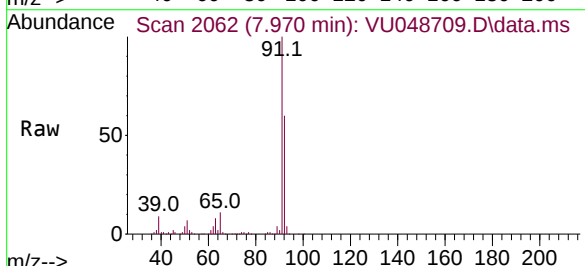
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

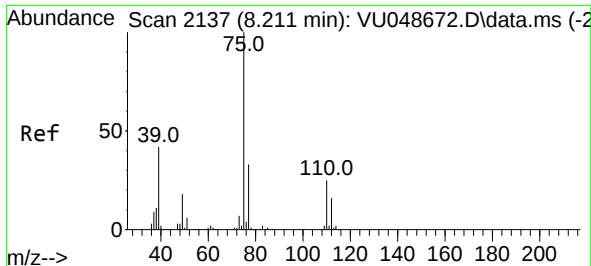
Tgt Ion: 43 Resp: 1499318
Ion Ratio Lower Upper
43 100
58 41.1 32.7 49.1



#52
Toluene
Concen: 50.449 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 92 Resp: 407511
Ion Ratio Lower Upper
92 100
91 169.4 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 48.143 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

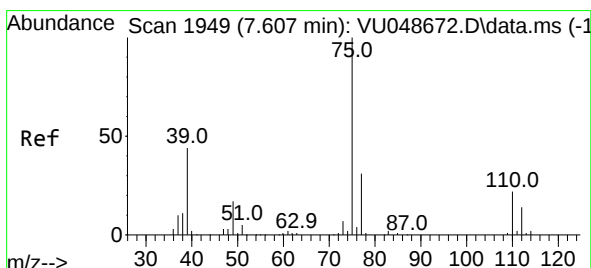
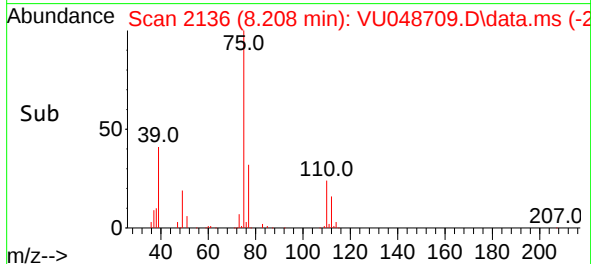
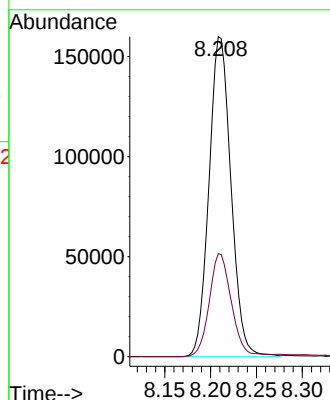
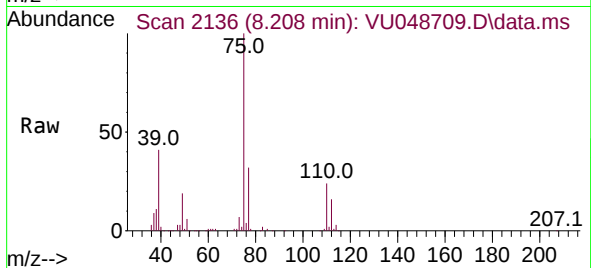
VSTDCCC050

Tgt Ion: 75 Resp: 266761

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 49.330 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

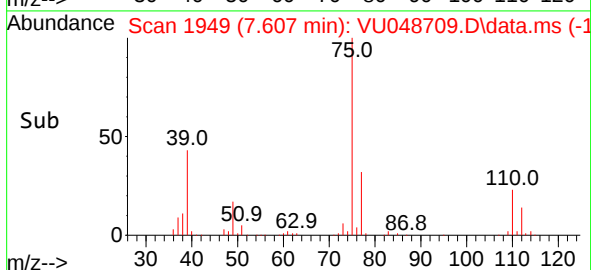
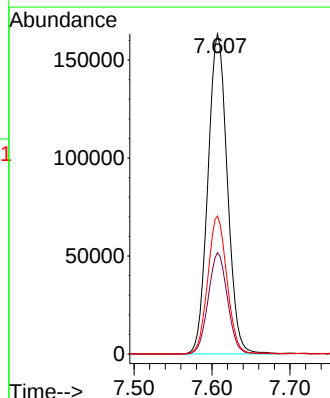
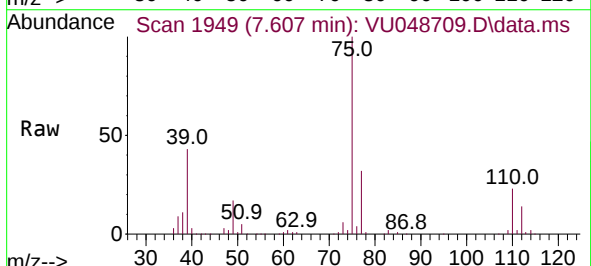
Tgt Ion: 75 Resp: 283243

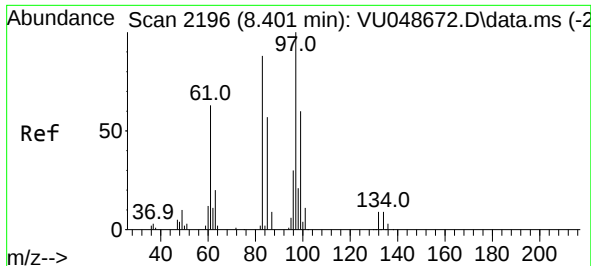
Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 43.1 35.2 52.8

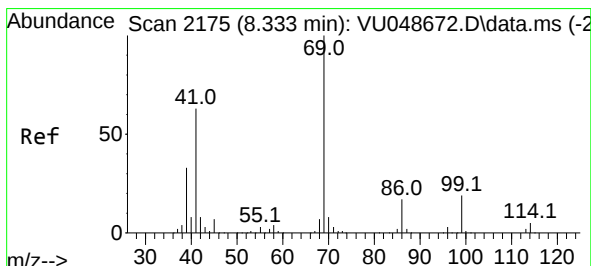
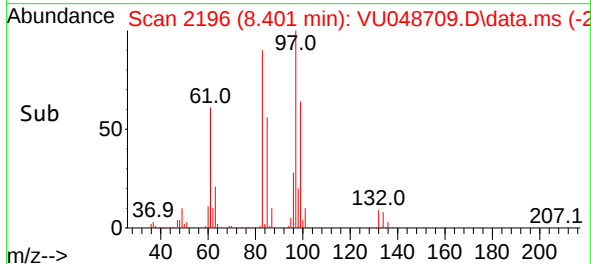
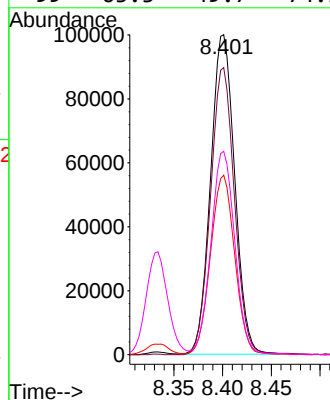
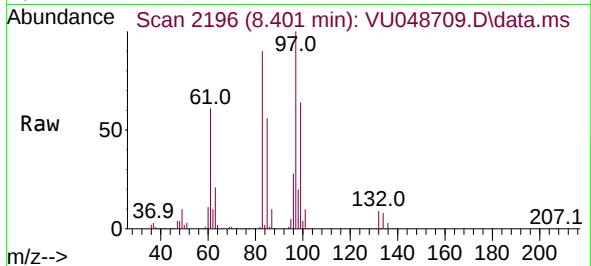




#55
 1,1,2-Trichloroethane
 Concen: 48.232 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

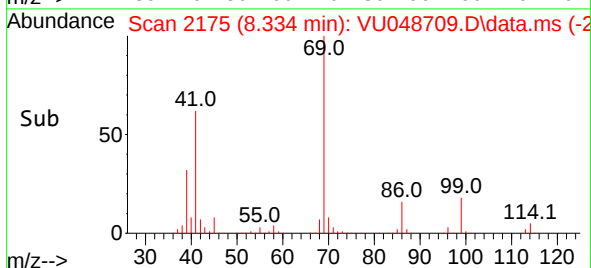
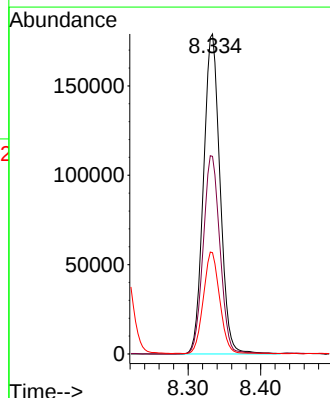
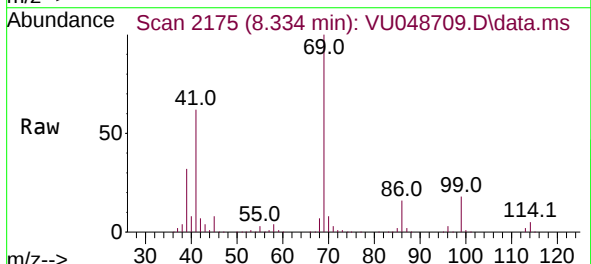
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

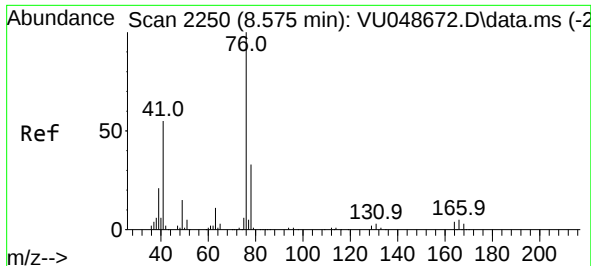
Tgt Ion:	97	Resp:	171947
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.2	105.4
85	56.0	45.6	68.4
99	63.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 50.289 ug/l
 RT: 8.334 min Scan# 2175
 Delta R.T. 0.001 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion:	69	Resp:	283390
Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.6	76.0
39	31.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.462 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

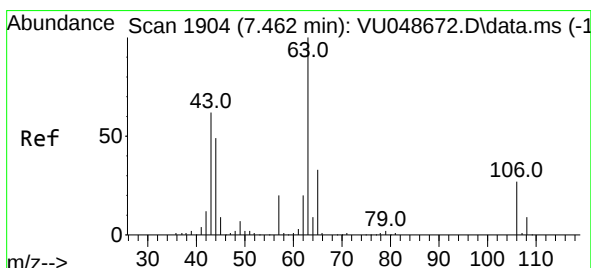
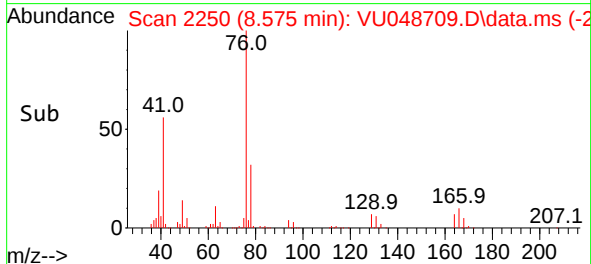
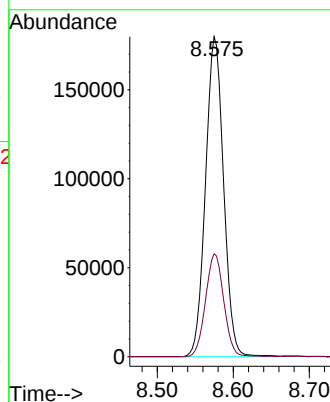
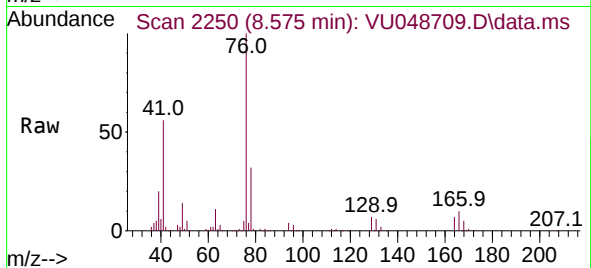
VSTDCCC050

Tgt Ion: 76 Resp: 296778

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 201.356 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048709.D

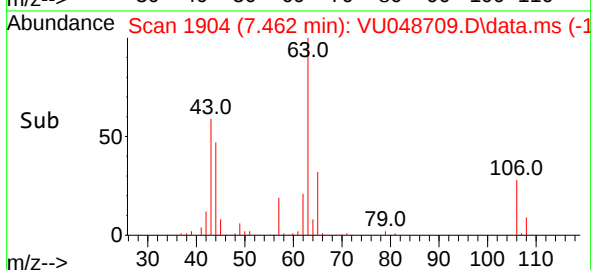
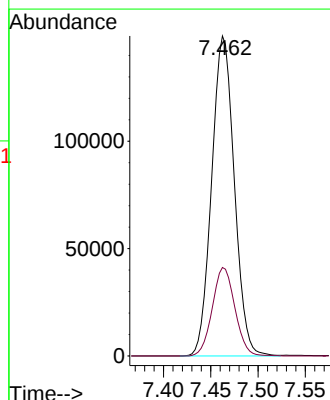
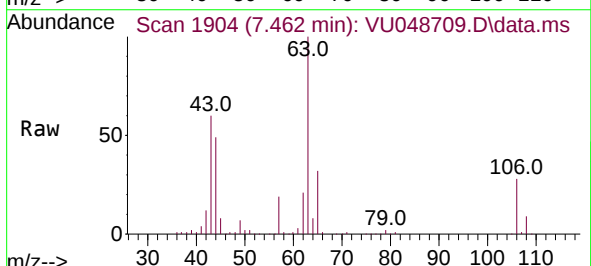
Acq: 27 May 2022 21:43

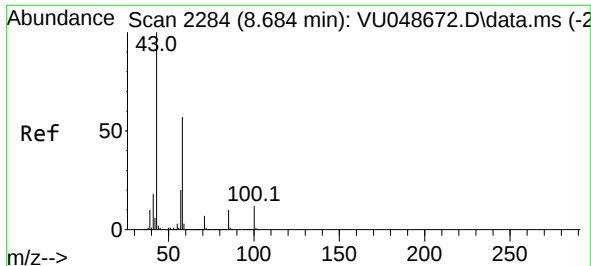
Tgt Ion: 63 Resp: 248110

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.2

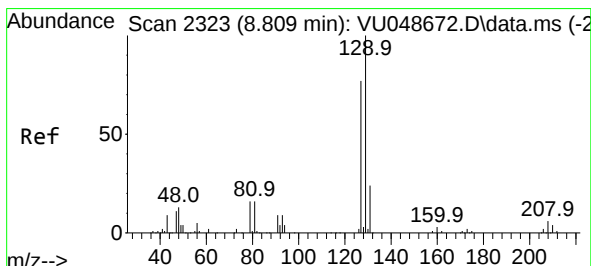
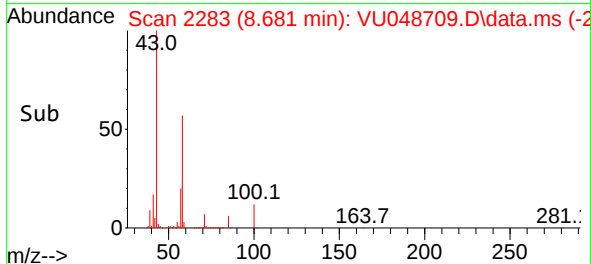
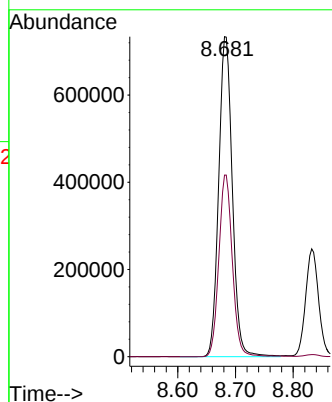
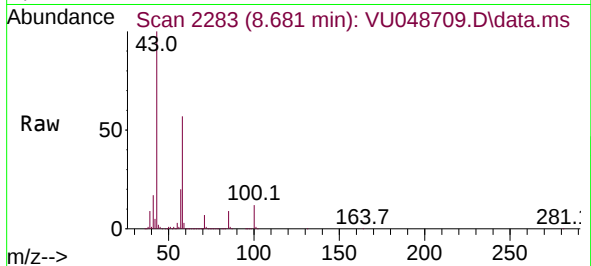




#59
2-Hexanone
Concen: 268.624 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

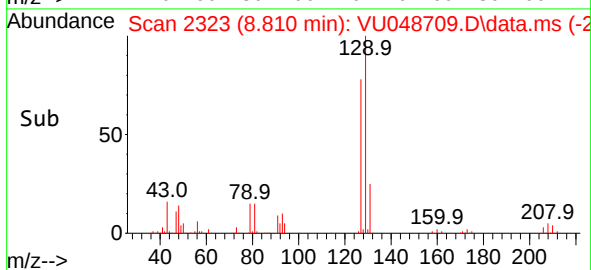
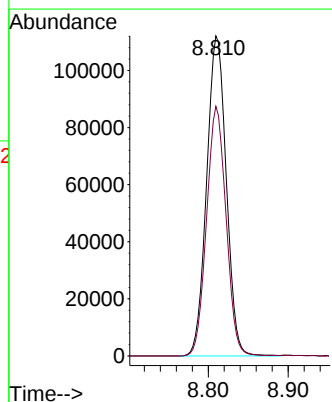
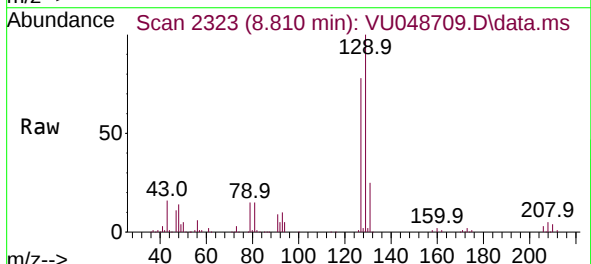
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1201863
Ion Ratio Lower Upper
43 100
58 56.2 28.2 84.6



#60
Dibromochloromethane
Concen: 47.931 ug/l
RT: 8.810 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 129 Resp: 191541
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

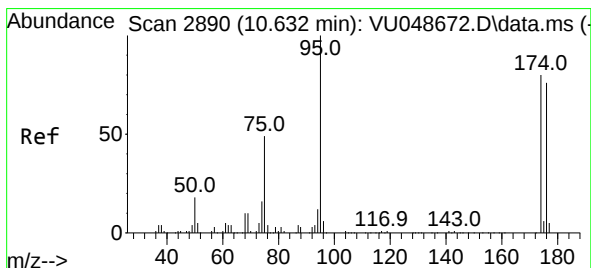
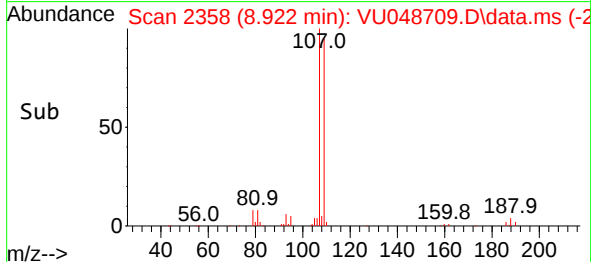
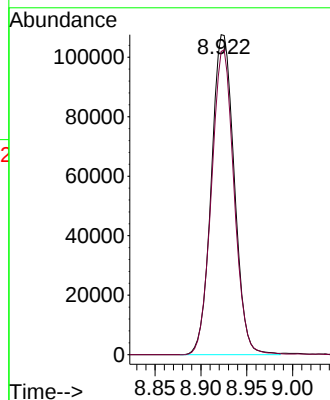
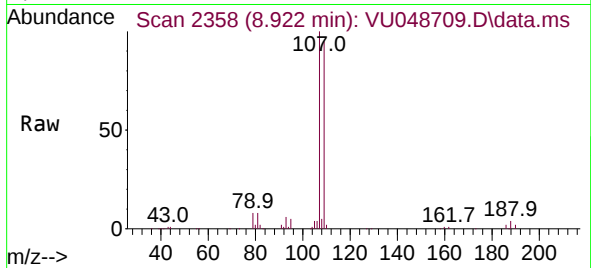




#61
1,2-Dibromoethane
Concen: 47.568 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

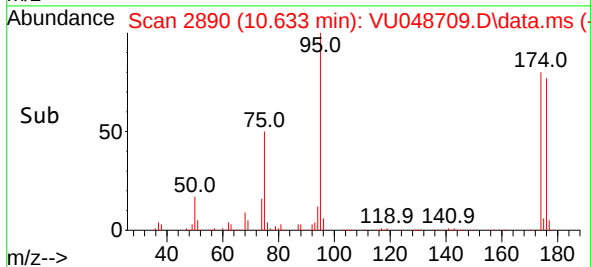
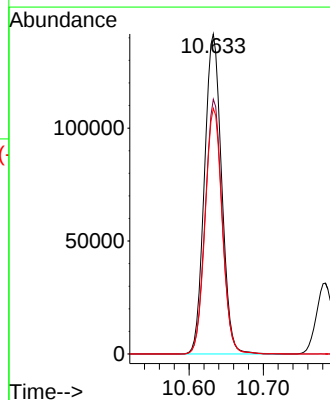
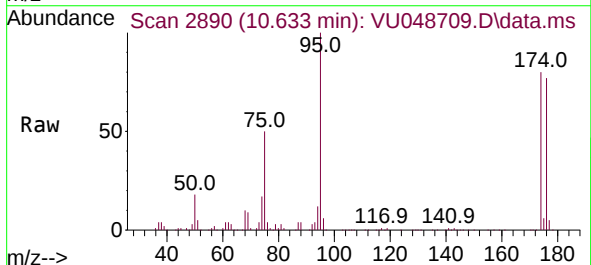
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

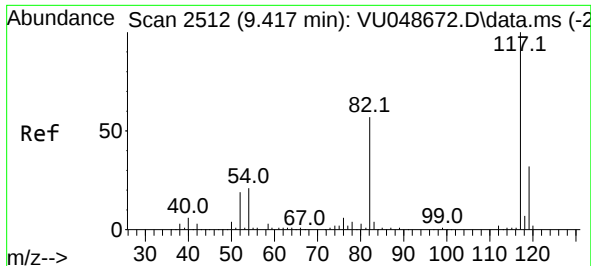
Tgt Ion:107 Resp: 186756
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.358 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 95 Resp: 226714
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.4
176 76.2 0.0 152.4

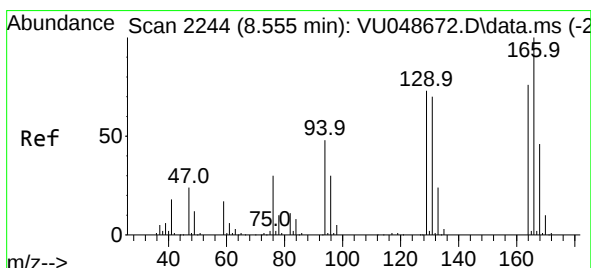
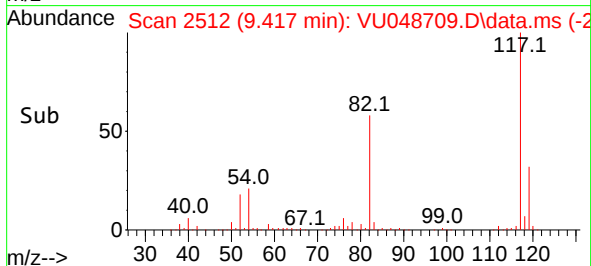
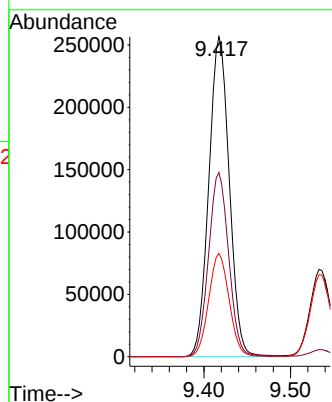
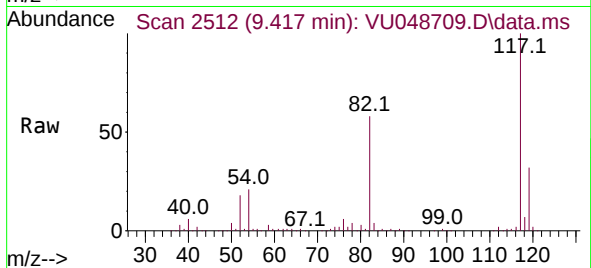




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

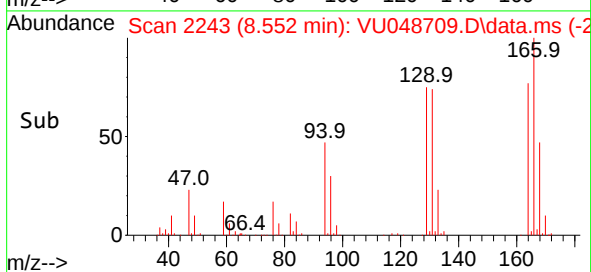
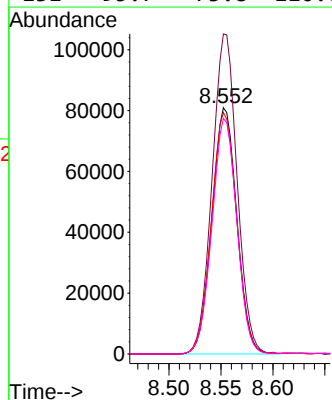
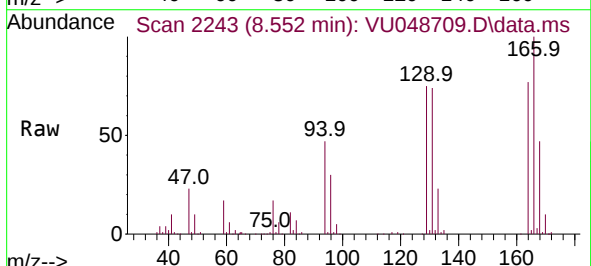
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

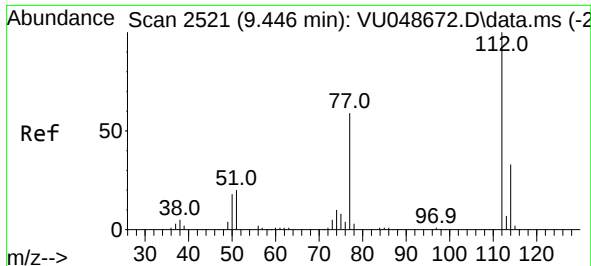
Tgt Ion:117 Resp: 420984
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 46.312 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion:164 Resp: 135624
Ion Ratio Lower Upper
164 100
166 130.0 105.0 157.4
129 98.0 76.5 114.7
131 95.7 73.8 110.6

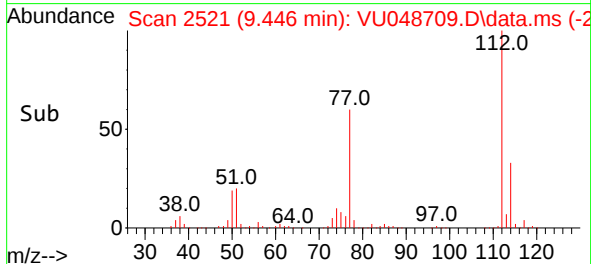
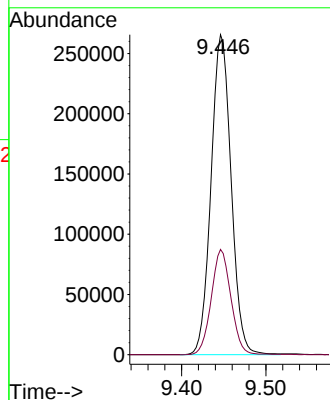
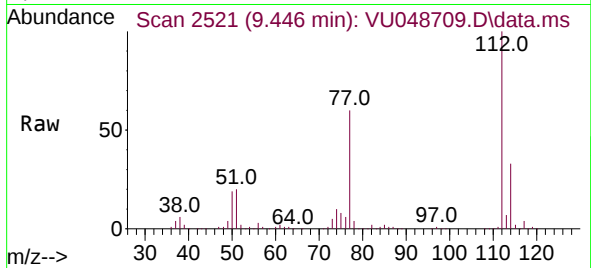




#65
Chlorobenzene
Concen: 49.347 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

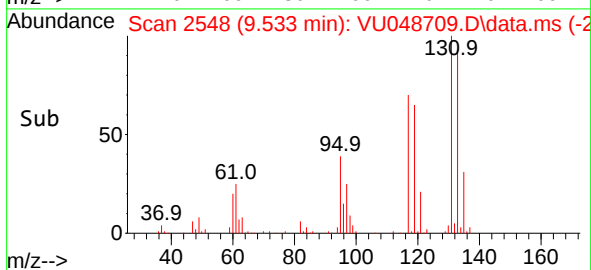
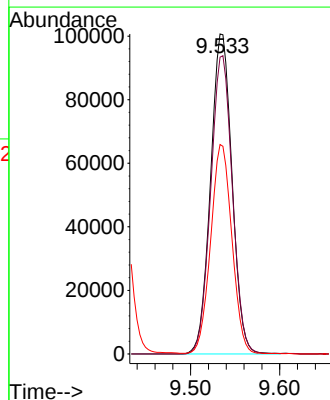
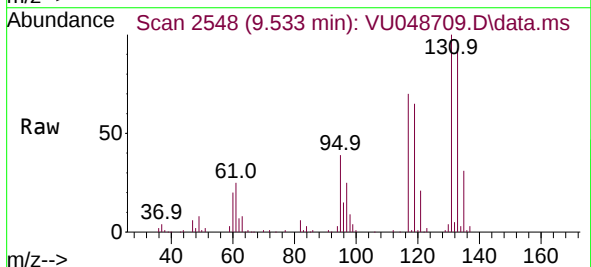
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

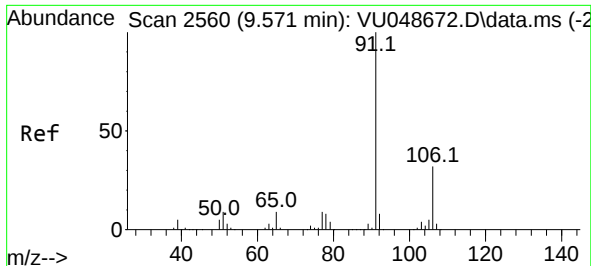
Tgt Ion:112 Resp: 439375
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.745 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion:131 Resp: 168123
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.6 32.7 98.1





#67

Ethyl Benzene

Concen: 52.015 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

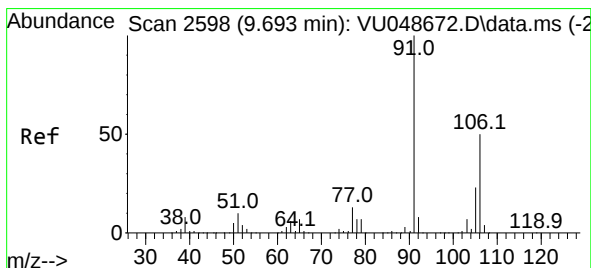
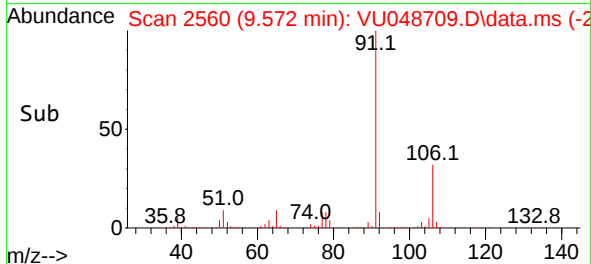
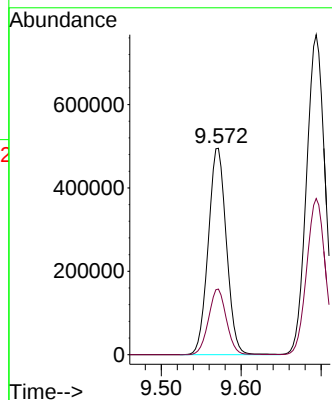
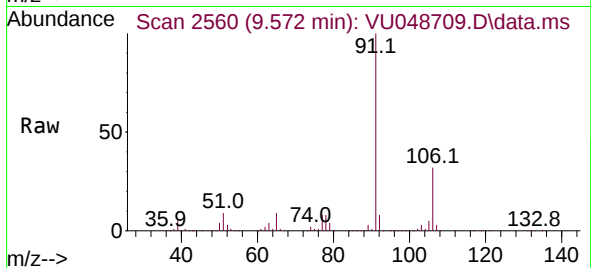
VSTDCCC050

Tgt Ion: 91 Resp: 781118

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.2



#68

m/p-Xylenes

Concen: 103.341 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048709.D

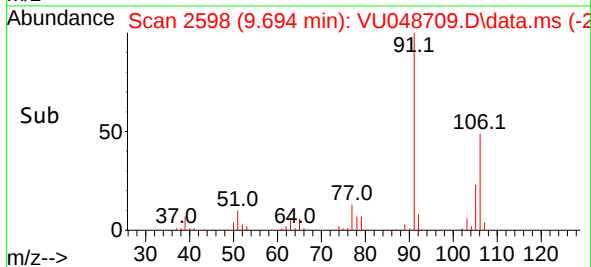
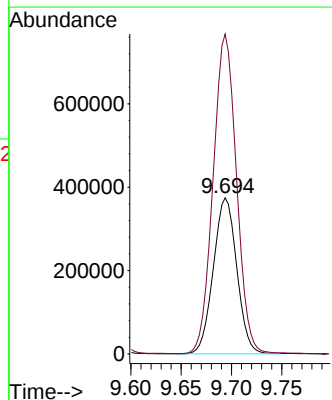
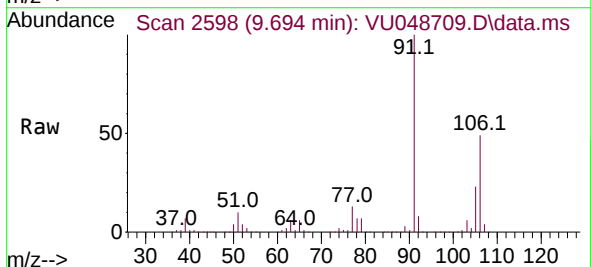
Acq: 27 May 2022 21:43

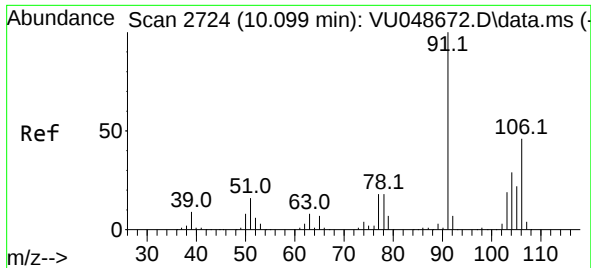
Tgt Ion: 106 Resp: 606962

Ion Ratio Lower Upper

106 100

91 205.2 162.4 243.6

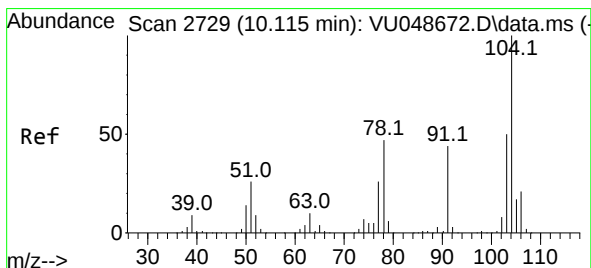
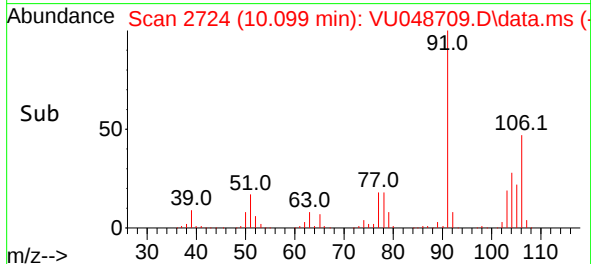
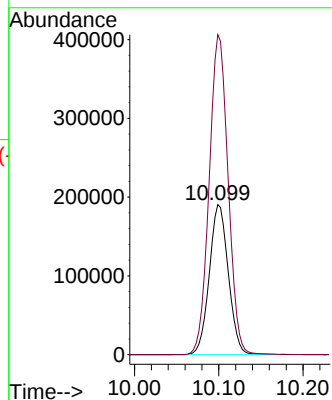
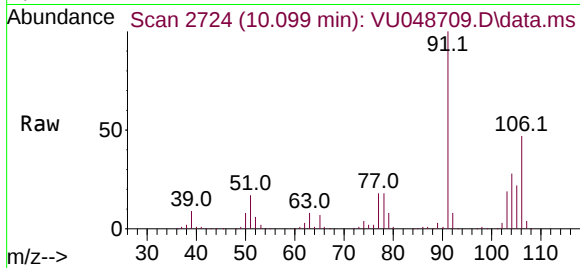




#69
o-Xylene
Concen: 51.821 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

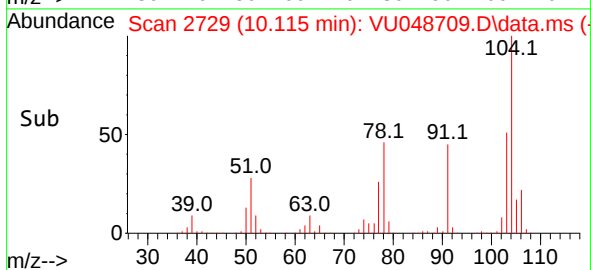
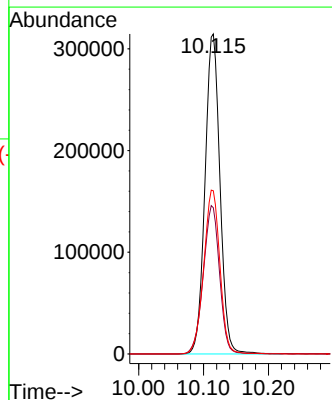
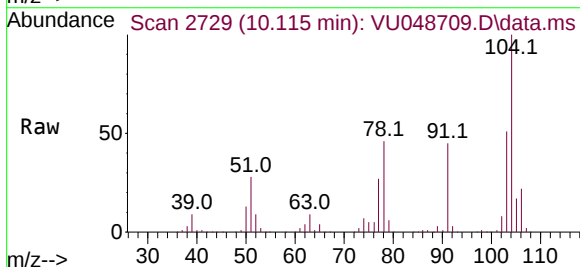
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

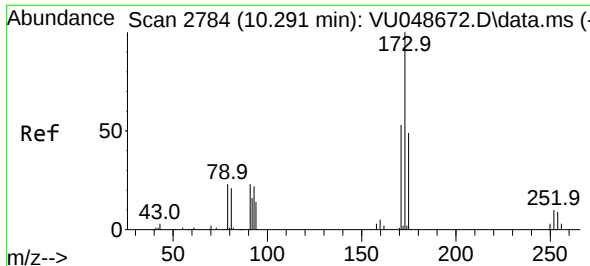
Tgt Ion:106 Resp: 299027
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.3



#70
Styrene
Concen: 53.279 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion:104 Resp: 505686
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 55.1 43.4 65.2

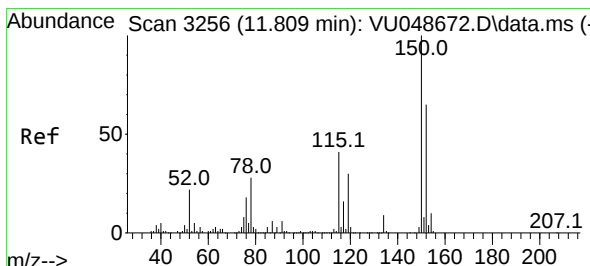
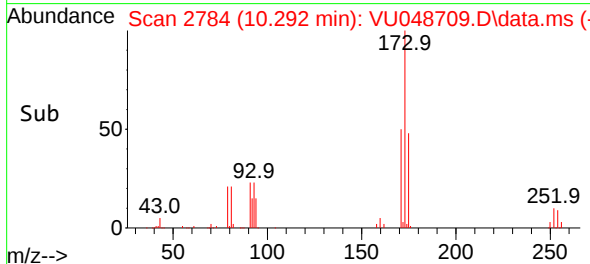
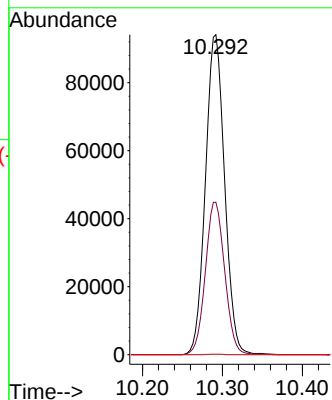
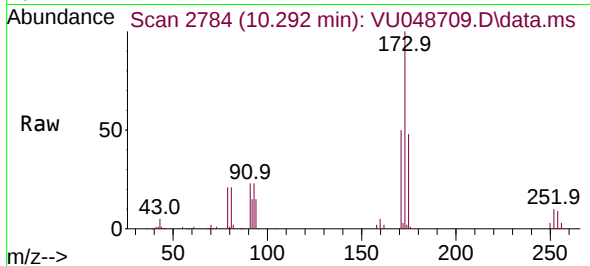




#71
Bromoform
Concen: 50.270 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

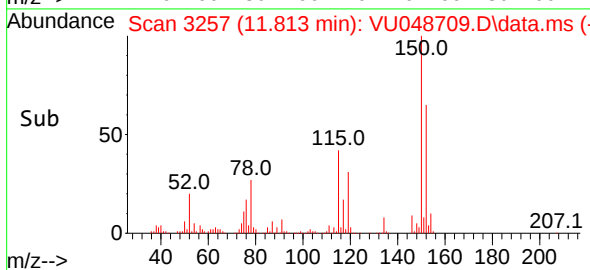
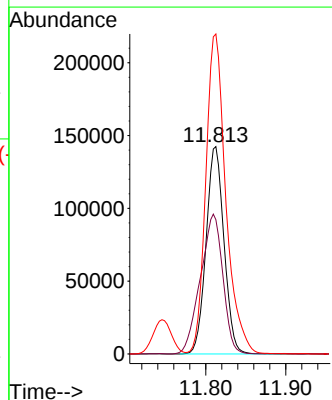
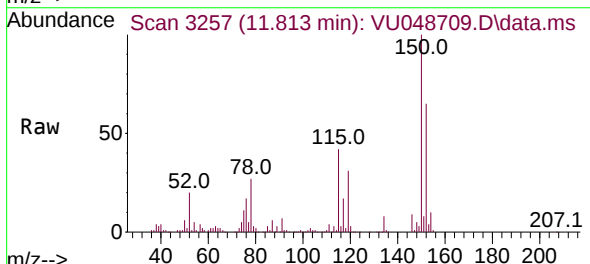
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MSVOA_U
ClientSampleId :
VSTDCCC050

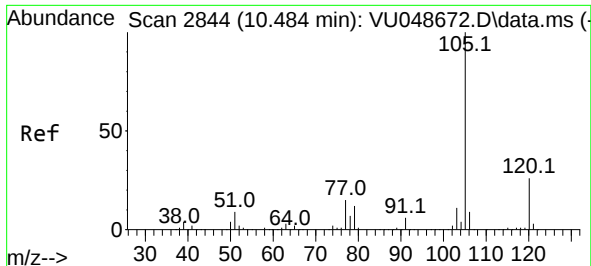
Tgt Ion:173 Resp: 157084
Ion Ratio Lower Upper
173 100
175 48.2 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.004 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion:152 Resp: 222097
Ion Ratio Lower Upper
152 100
115 84.3 41.8 125.4
150 172.1 0.0 341.0

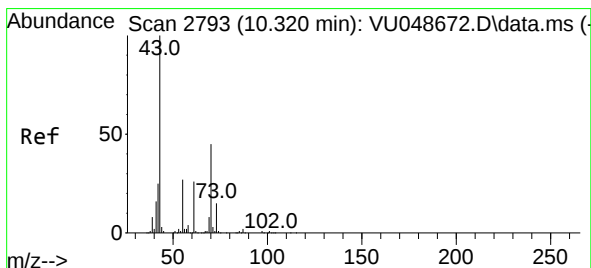
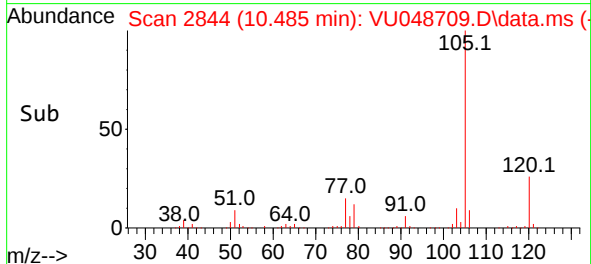
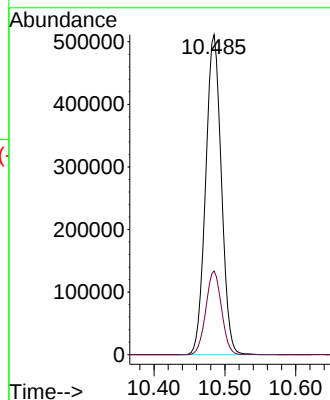
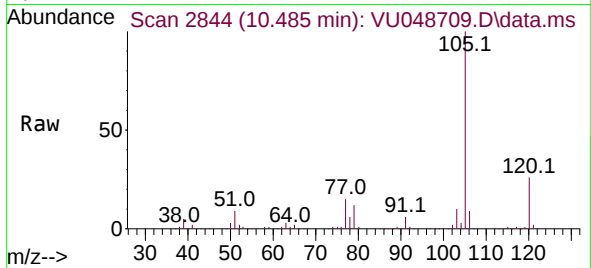




#73
Isopropylbenzene
Concen: 54.780 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

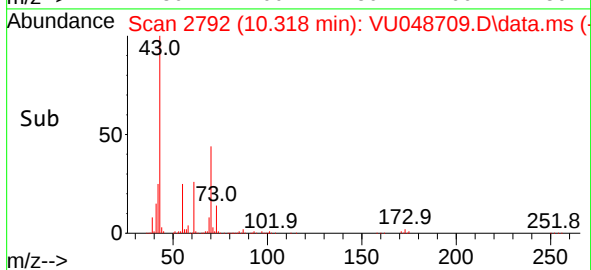
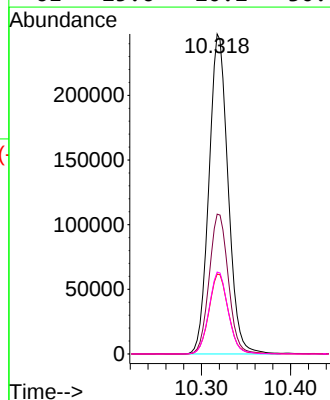
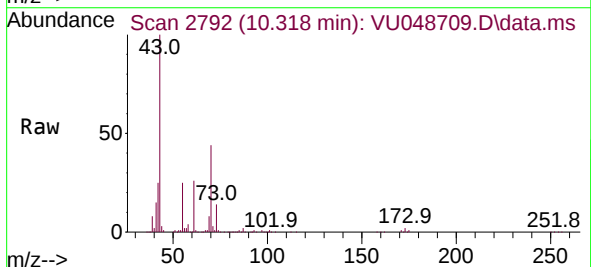
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

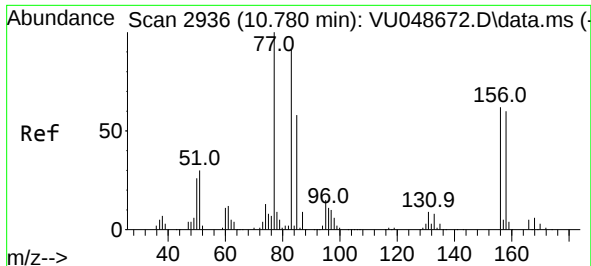
Tgt Ion:105 Resp: 785458
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 50.646 ug/l
RT: 10.318 min Scan# 2792
Delta R.T. -0.002 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 43 Resp: 367892
Ion Ratio Lower Upper
43 100
70 43.9 35.8 53.6
55 25.4 21.1 31.7
61 25.6 20.2 30.4

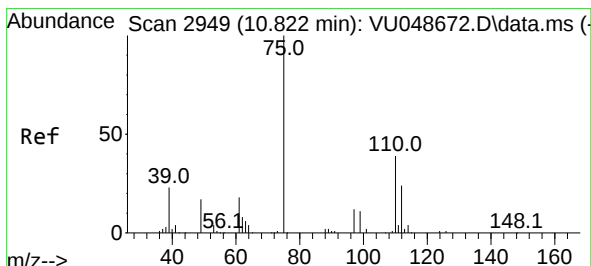
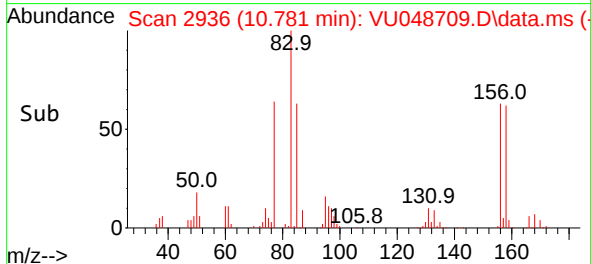
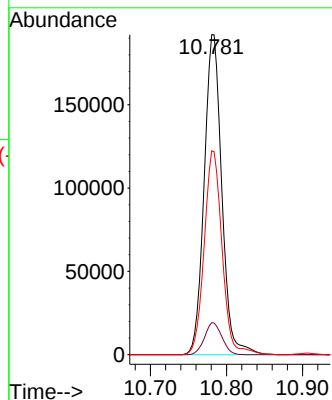
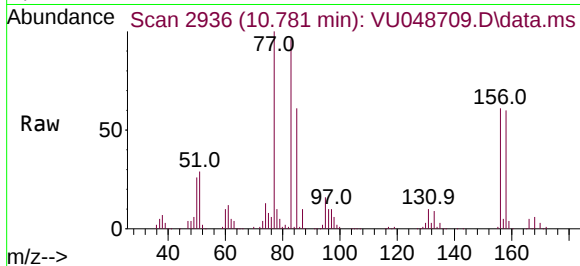




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.894 ug/l
 RT: 10.781 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

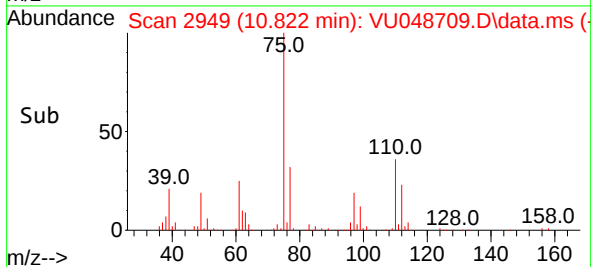
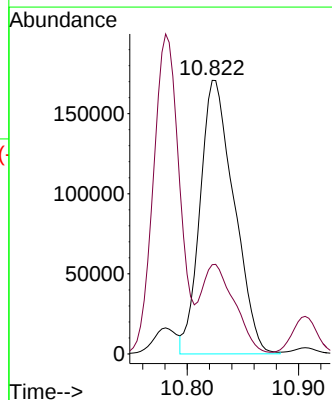
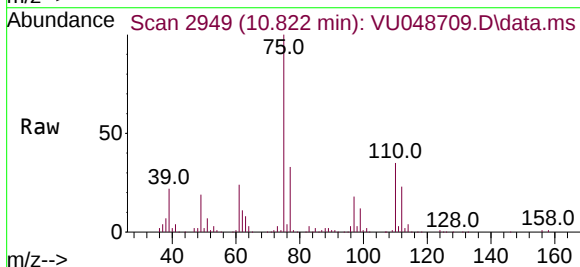
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

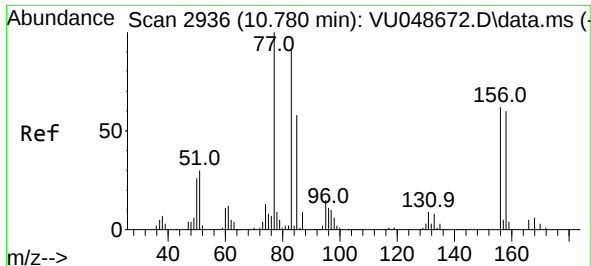
Tgt Ion: 83 Resp: 309502
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.2 15.6
 85 64.7 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 50.535 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion: 75 Resp: 361882
 Ion Ratio Lower Upper
 75 100
 77 30.3 14.8 44.3

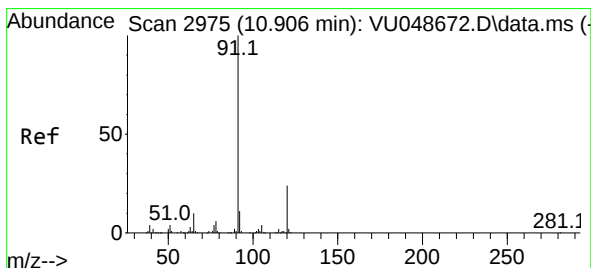
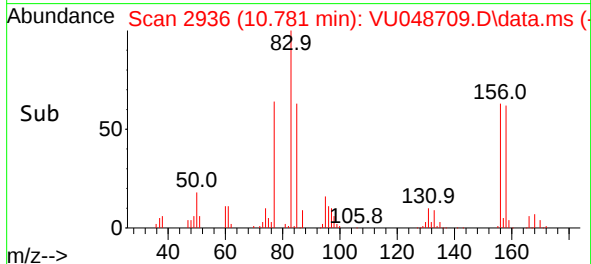
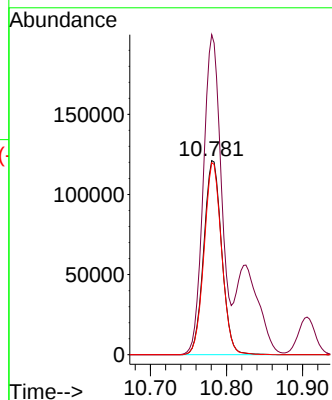
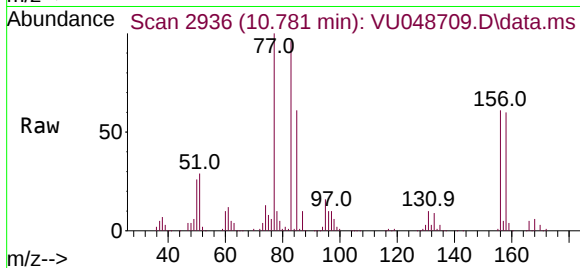




#77
Bromobenzene
Concen: 51.446 ug/l
RT: 10.781 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

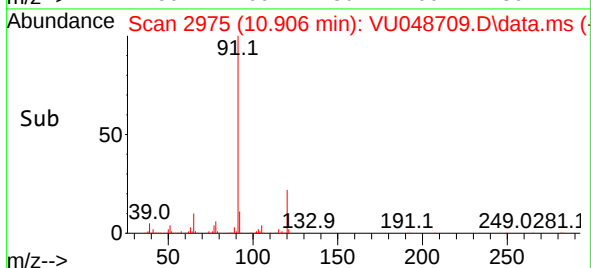
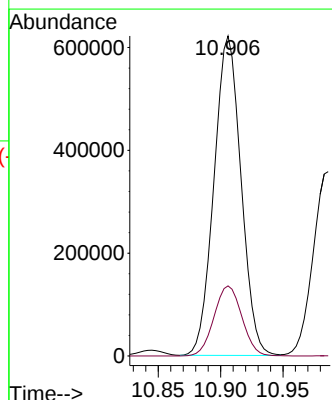
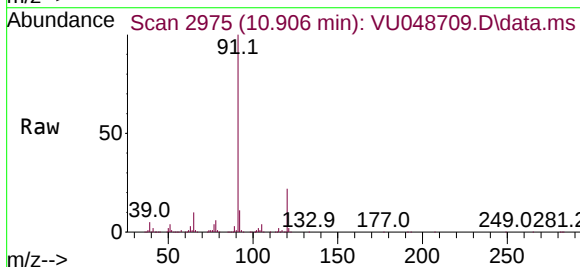
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

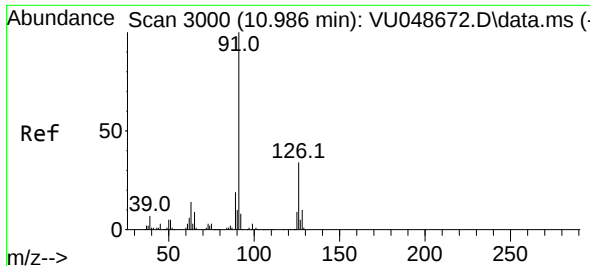
Tgt Ion:156 Resp: 198108
Ion Ratio Lower Upper
156 100
77 164.6 81.1 243.3
158 97.0 48.8 146.4



#78
n-propylbenzene
Concen: 54.900 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 91 Resp: 937987
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

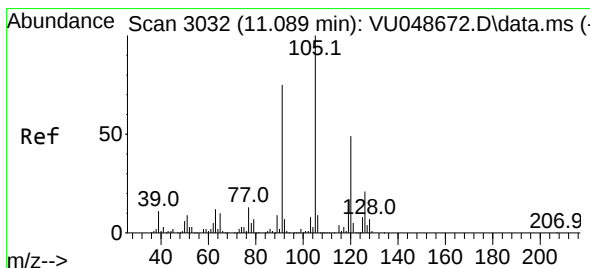
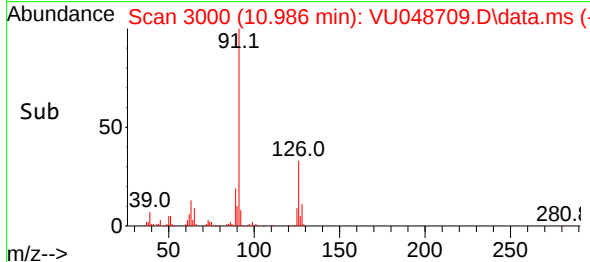
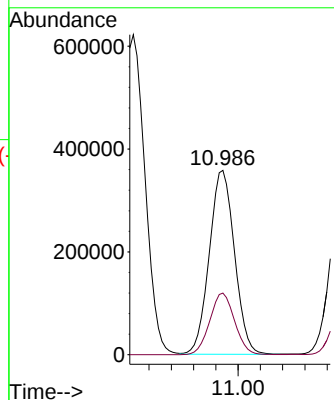
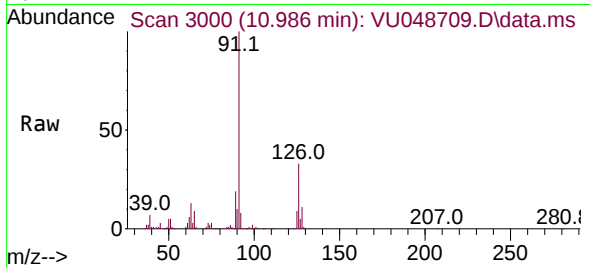




#79
2-Chlorotoluene
Concen: 52.916 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

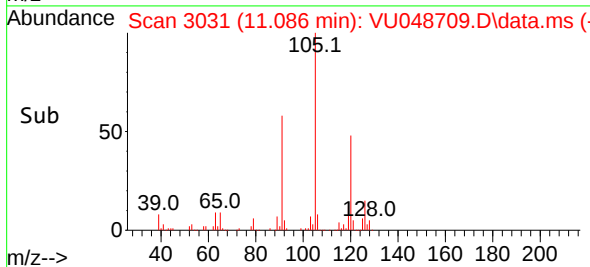
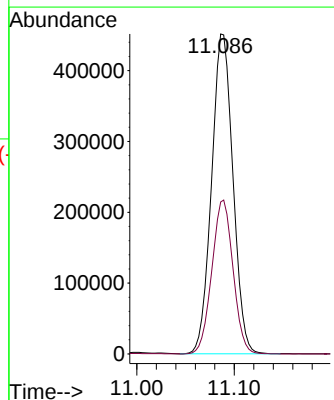
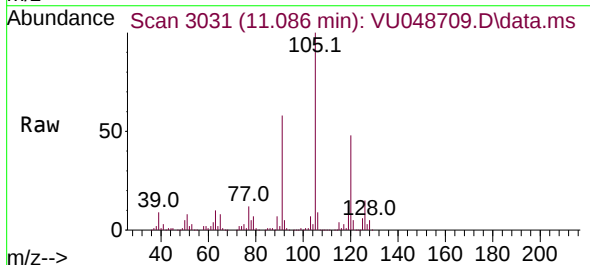
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

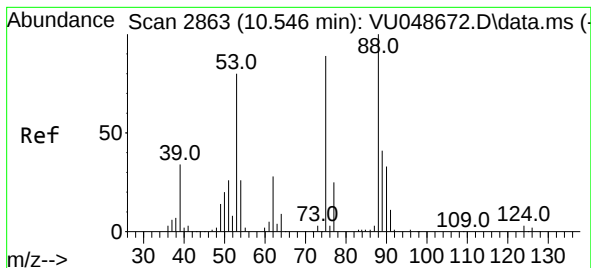
Tgt Ion: 91 Resp: 562230
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 55.213 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 105 Resp: 688466
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

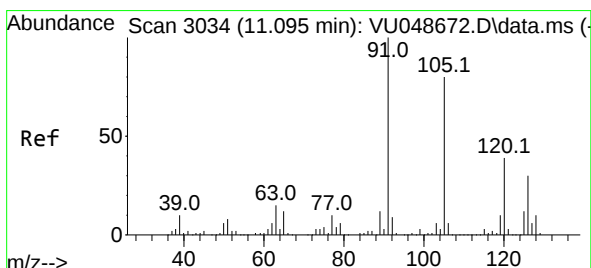
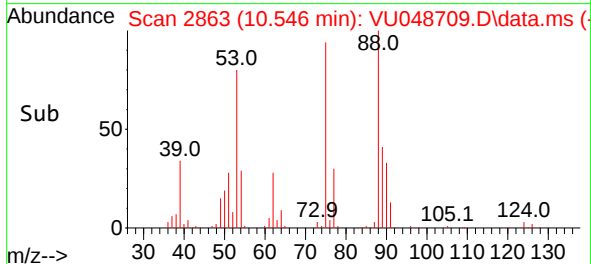
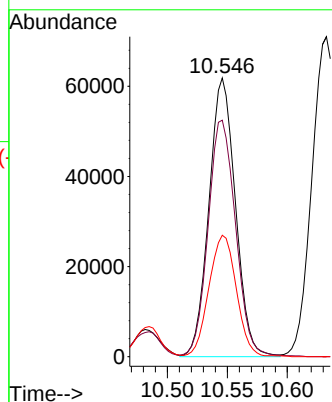
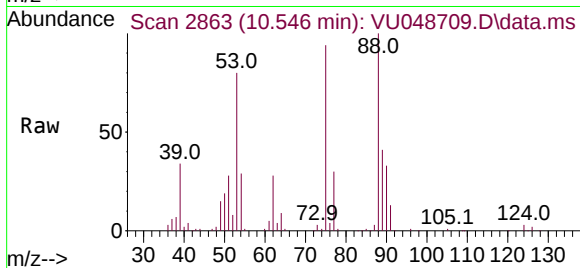




#81
trans-1,4-Dichloro-2-butene
Concen: 48.181 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

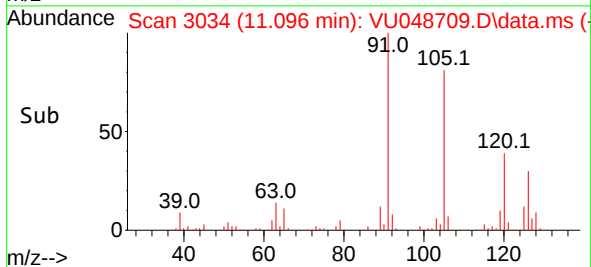
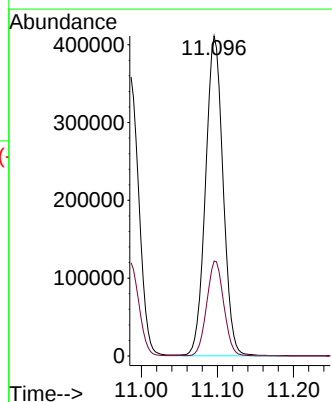
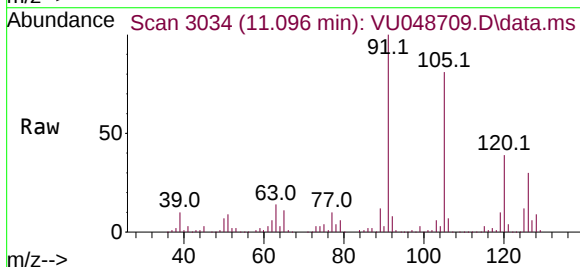
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

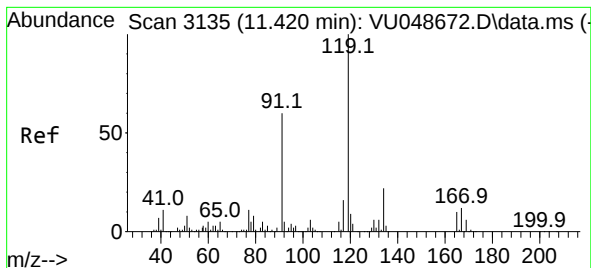
Tgt Ion: 75 Resp: 95025
Ion Ratio Lower Upper
75 100
53 88.4 72.5 108.7
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.606 ug/l
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 91 Resp: 657153
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 55.701 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

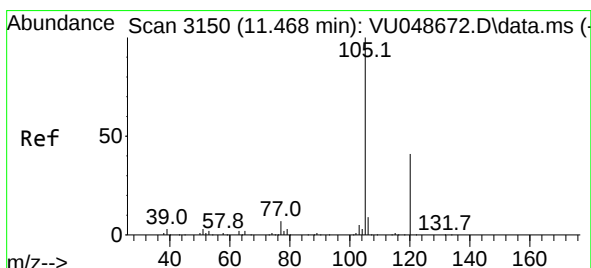
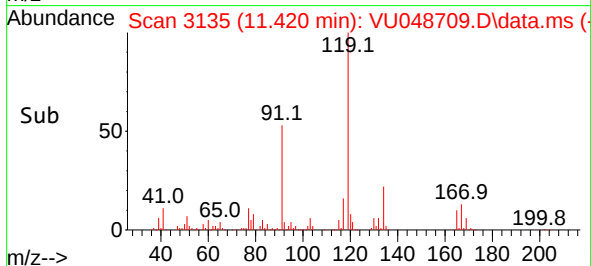
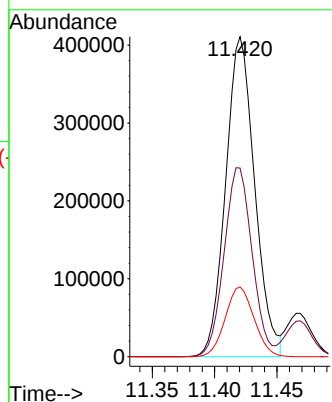
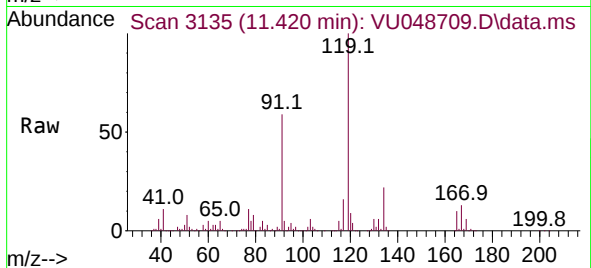
Tgt Ion:119 Resp: 666595

Ion Ratio Lower Upper

119 100

91 56.9 28.7 86.1

134 21.6 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 51.868 ug/l

RT: 11.469 min Scan# 3150

Delta R.T. 0.001 min

Lab File: VU048709.D

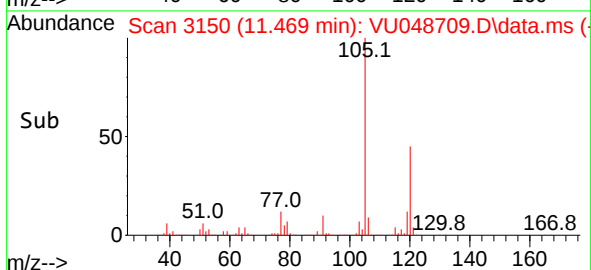
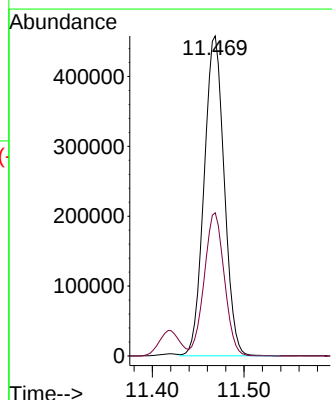
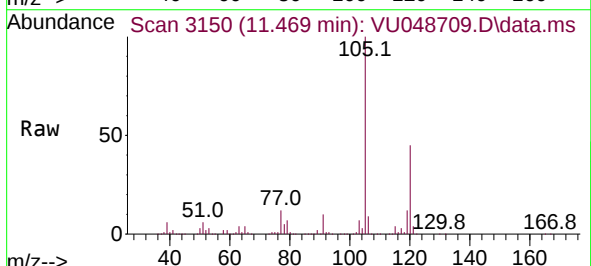
Acq: 27 May 2022 21:43

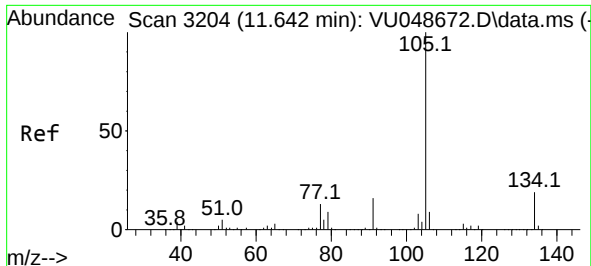
Tgt Ion:105 Resp: 697628

Ion Ratio Lower Upper

105 100

120 44.9 22.5 67.5

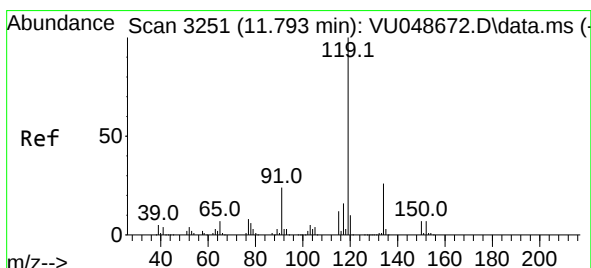
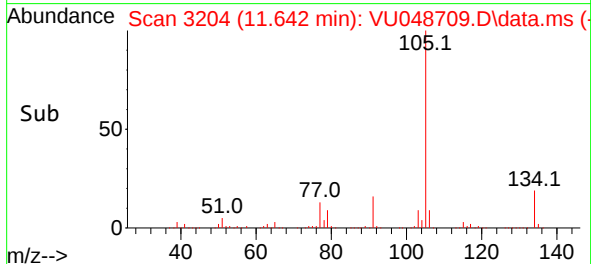
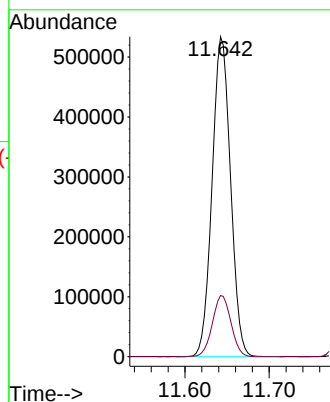
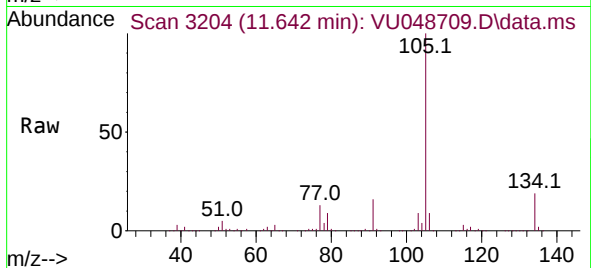




#85
 sec-Butylbenzene
 Concen: 54.020 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

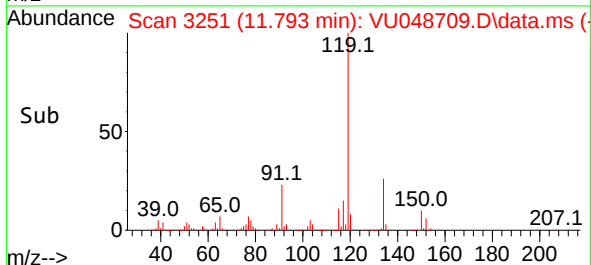
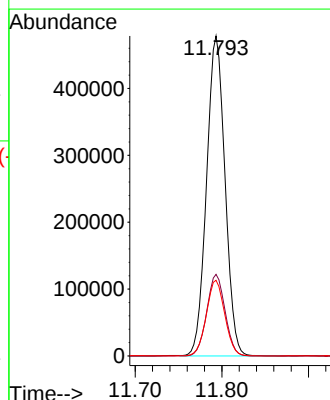
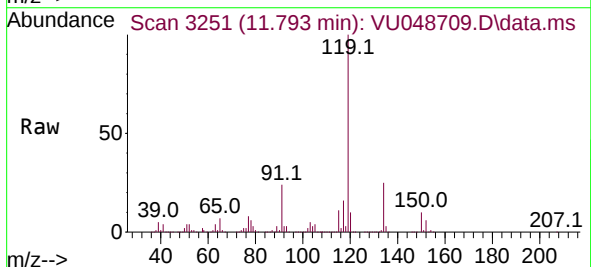
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 808778
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 55.071 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048709.D
 Acq: 27 May 2022 21:43

Tgt Ion:119 Resp: 708056
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 23.7 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.479 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

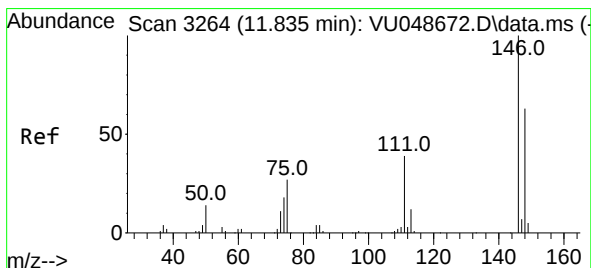
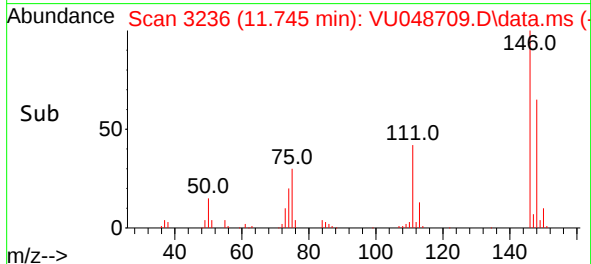
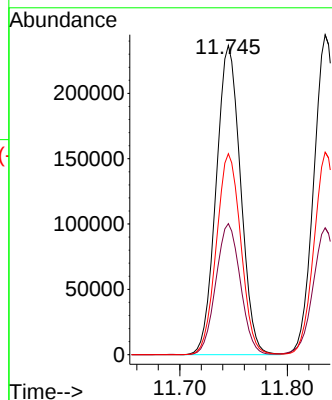
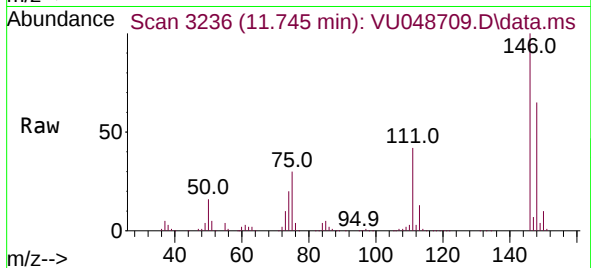
Tgt Ion:146 Resp: 373564

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 65.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.164 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

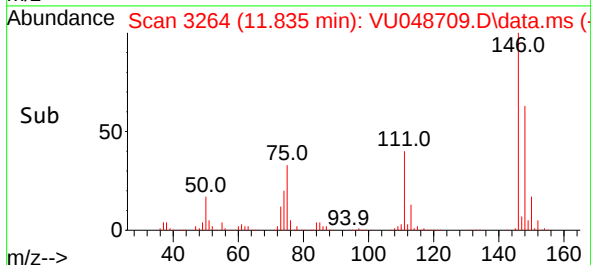
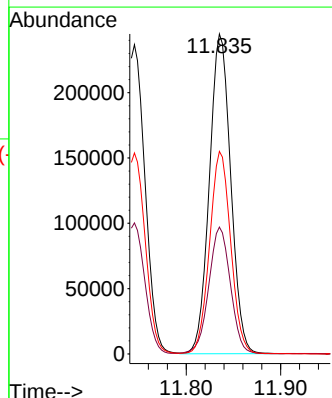
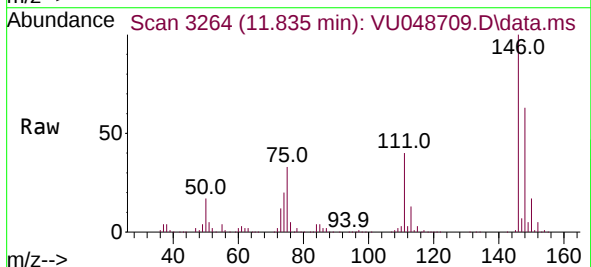
Tgt Ion:146 Resp: 383483

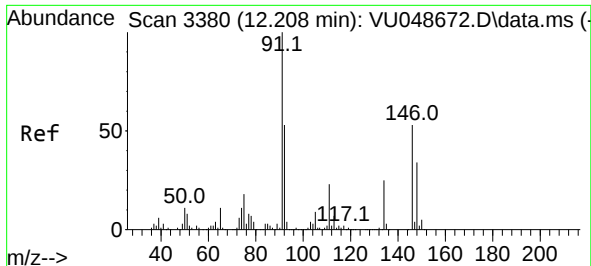
Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

148 62.7 32.4 97.0





#89

n-Butylbenzene

Concen: 48.991 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

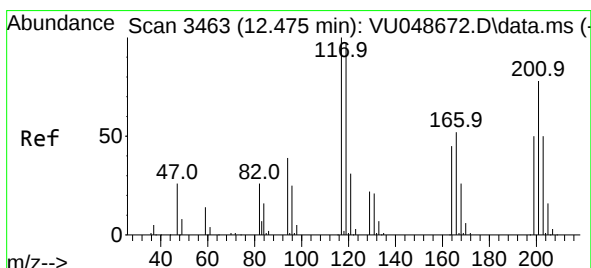
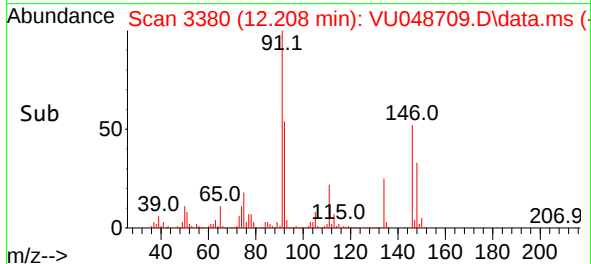
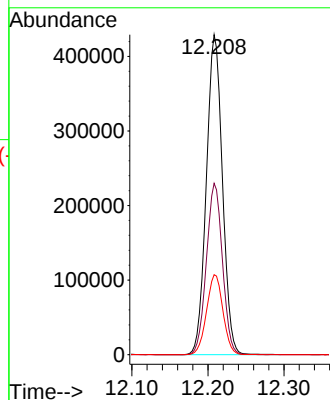
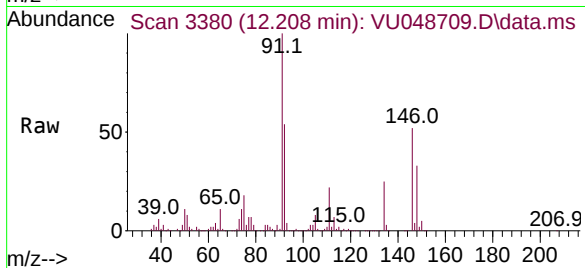
Tgt Ion: 91 Resp: 629890

Ion Ratio Lower Upper

91 100

92 53.4 25.9 77.8

134 25.5 12.5 37.5



#90

Hexachloroethane

Concen: 47.750 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU048709.D

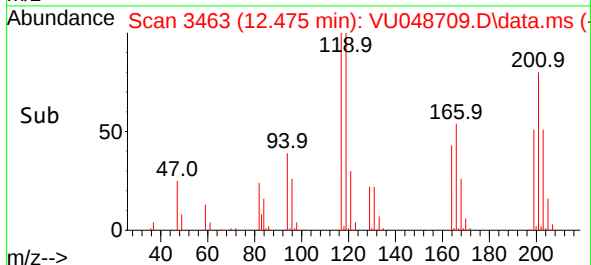
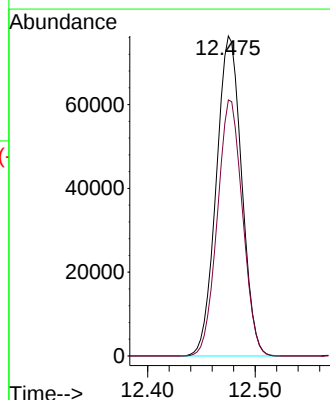
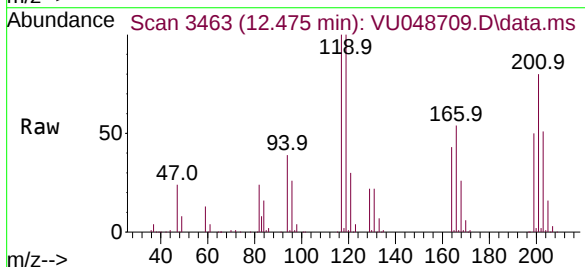
Acq: 27 May 2022 21:43

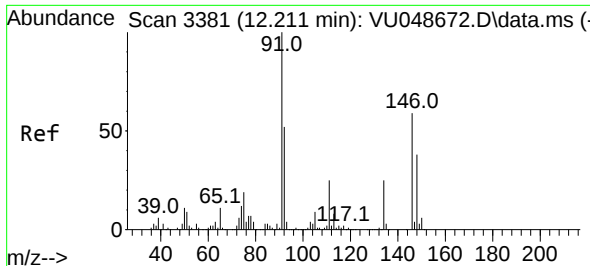
Tgt Ion: 117 Resp: 125293

Ion Ratio Lower Upper

117 100

201 79.2 39.6 119.0

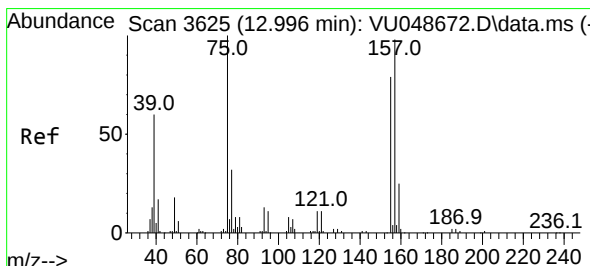
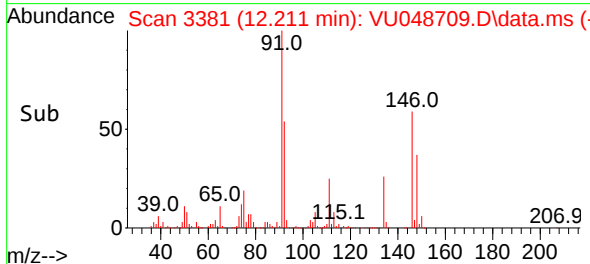
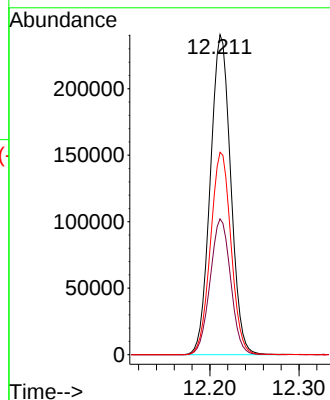
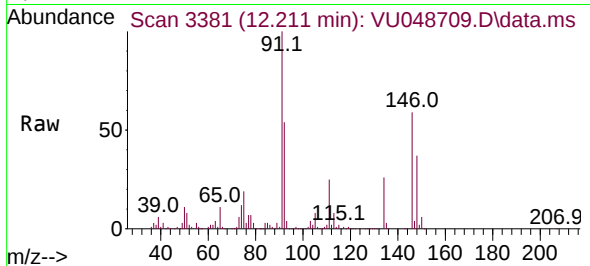




#91
1,2-Dichlorobenzene
Concen: 50.108 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

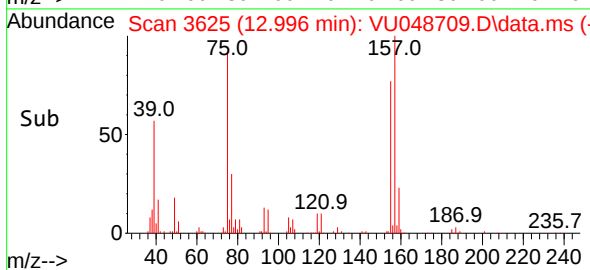
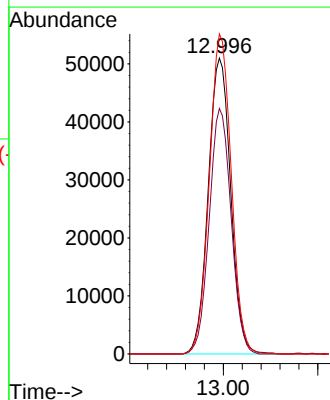
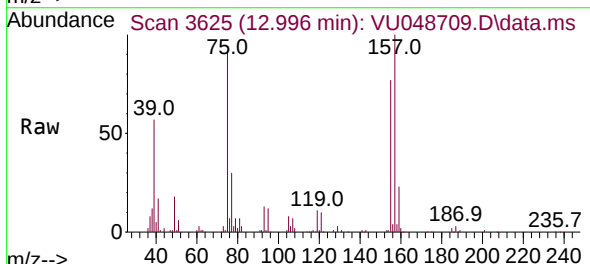
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

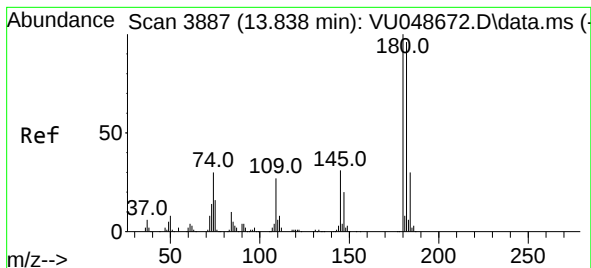
Tgt Ion:146 Resp: 382177
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.985 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion: 75 Resp: 84213
Ion Ratio Lower Upper
75 100
155 80.9 40.3 120.8
157 105.5 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 50.898 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

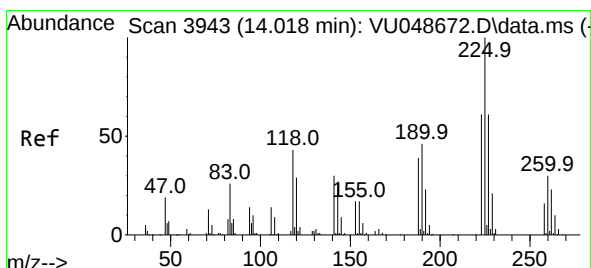
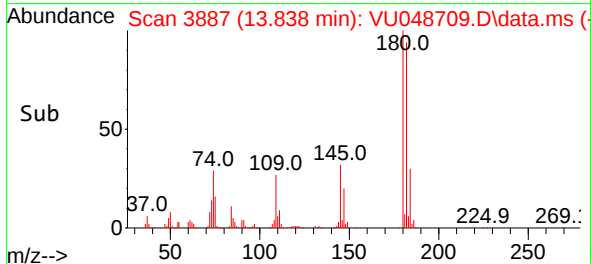
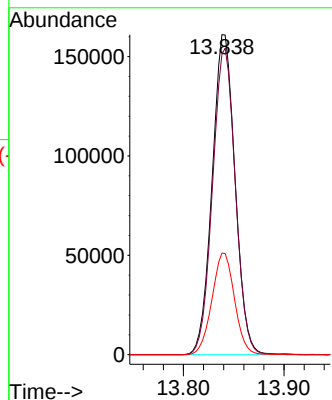
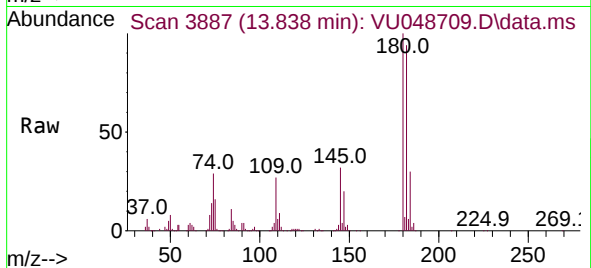
Tgt Ion:180 Resp: 254741

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.9

145 31.4 15.6 46.7



#94

Hexachlorobutadiene

Concen: 44.358 ug/l

RT: 14.022 min Scan# 3944

Delta R.T. 0.004 min

Lab File: VU048709.D

Acq: 27 May 2022 21:43

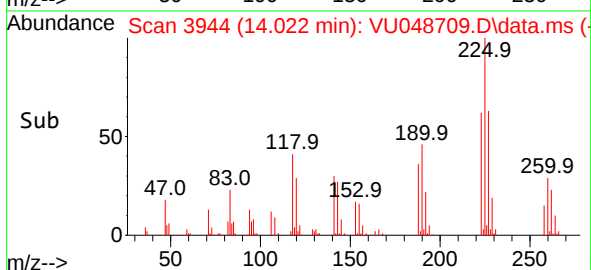
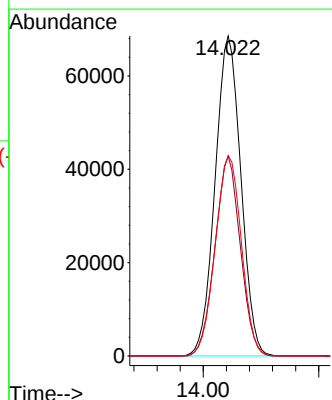
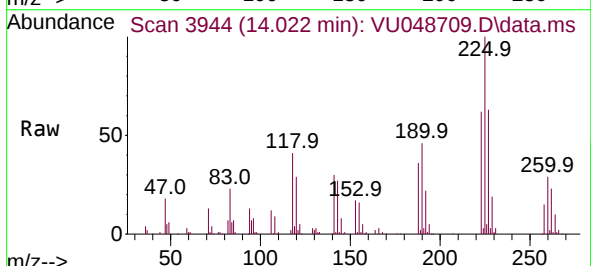
Tgt Ion:225 Resp: 106414

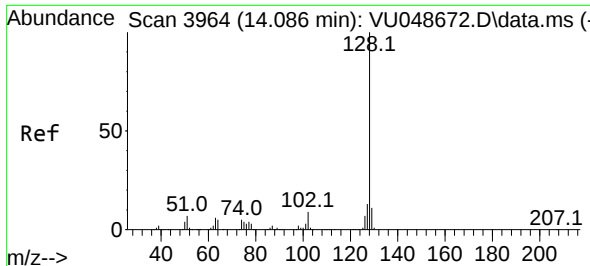
Ion Ratio Lower Upper

225 100

223 61.3 30.9 92.8

227 63.3 31.1 93.5

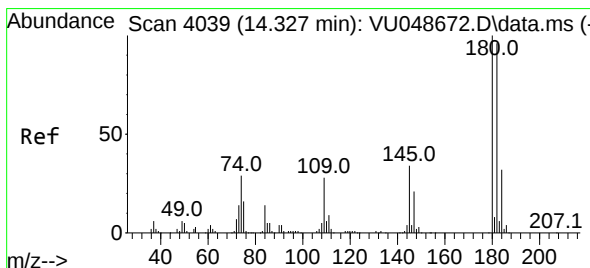
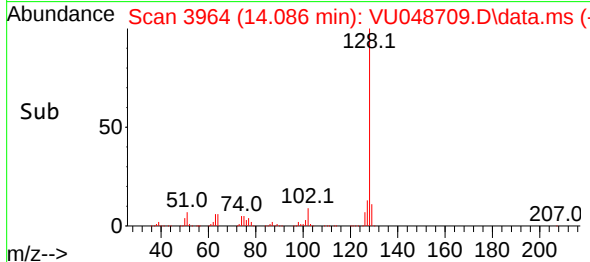
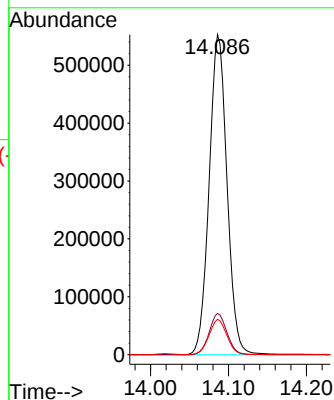
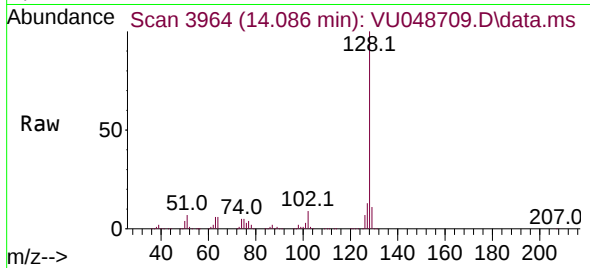




#95
Naphthalene
Concen: 50.296 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 879556
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.293 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.004 min
Lab File: VU048709.D
Acq: 27 May 2022 21:43

Tgt Ion:180 Resp: 244353
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 33.1 16.6 49.8

