

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047772.D
 Acq On : 31 Mar 2022 14:06
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU033122

Quant Time: Apr 01 02:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 13:50:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	391076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	574085	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	550885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	327113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	202283	48.214	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.420%
35) Dibromofluoromethane	5.292	113	185714	48.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	7.899	98	667780	48.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.280%
62) 4-Bromofluorobenzene	10.636	95	262815	48.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	218131	49.832	ug/l	100
3) Chloromethane	1.523	50	239164	48.993	ug/l	98
4) Vinyl Chloride	1.607	62	217967	47.567	ug/l	98
5) Bromomethane	1.861	94	140567	46.580	ug/l	98
6) Chloroethane	1.935	64	144705	48.256	ug/l	97
7) Trichlorofluoromethane	2.141	101	297985	46.485	ug/l	97
8) Diethyl Ether	2.379	74	113944	46.431	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	182321	47.557	ug/l	98
10) Methyl Iodide	2.726	142	177161	44.474	ug/l	99
11) Tert butyl alcohol	3.256	59	304818	259.277	ug/l #	45
12) 1,1-Dichloroethene	2.584	96	175732	46.981	ug/l	97
13) Acrolein	2.494	56	123558	221.263	ug/l	100
14) Allyl chloride	2.925	41	266895	50.194	ug/l	97
15) Acrylonitrile	3.321	53	649951	230.452	ug/l	99
16) Acetone	2.646	43	692522	226.395	ug/l	99
17) Carbon Disulfide	2.797	76	518194	47.022	ug/l	100
18) Methyl Acetate	2.954	43	265705	46.421	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	573660	48.652	ug/l	100
20) Methylene Chloride	3.051	84	204450	45.004	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	192473	47.179	ug/l	96
22) Diisopropyl ether	3.996	45	517943	48.978	ug/l #	81
23) Vinyl Acetate	3.957	43	2396133	249.780	ug/l	99
24) 1,1-Dichloroethane	3.874	63	331490	47.662	ug/l	99
25) 2-Butanone	4.710	43	930421	241.532	ug/l	98
26) 2,2-Dichloropropane	4.668	77	297668	48.291	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	223235	48.197	ug/l	98
28) Bromochloromethane	4.977	49	133581	53.692	ug/l	96
29) Tetrahydrofuran	5.057	42	551718	231.425	ug/l	98
30) Chloroform	5.092	83	347869	46.421	ug/l	99
31) Cyclohexane	5.391	56	295726	47.270	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	306521	47.433	ug/l	99
36) 1,1-Dichloropropene	5.530	75	265495	48.848	ug/l	99
37) Ethyl Acetate	4.806	43	320162	43.743	ug/l #	92
38) Carbon Tetrachloride	5.530	117	277778	47.919	ug/l	99
39) Methylcyclohexane	6.764	83	329115	49.527	ug/l	98
40) Benzene	5.777	78	770272	47.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	156178	47.258	ug/l	98
42) 1,2-Dichloroethane	5.797	62	267279	47.524	ug/l	99
43) Isopropyl Acetate	5.912	43	441493	48.067	ug/l	98
44) Trichloroethene	6.546	130	224114	47.851	ug/l	99
45) 1,2-Dichloropropane	6.793	63	195879	48.159	ug/l	100
46) Dibromomethane	6.922	93	149154	46.432	ug/l	98
47) Bromodichloromethane	7.108	83	277595	46.946	ug/l	99
48) Methyl methacrylate	6.960	41	208427	49.557	ug/l	99
49) 1,4-Dioxane	7.018	88	133758	1041.184	ug/l #	2
51) 4-Methyl-2-Pentanone	7.793	43	1622839	241.354	ug/l	99
52) Toluene	7.970	92	503649	48.744	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	318142	48.269	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	336034	49.638	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	206616	46.754	ug/l	99
56) Ethyl methacrylate	8.337	69	324846	51.196	ug/l	100
57) 1,3-Dichloropropane	8.578	76	339421	47.203	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	124251	249.500	ug/l	100
59) 2-Hexanone	8.687	43	1359933	246.618	ug/l	99
60) Dibromochloromethane	8.813	129	242141	47.713	ug/l	100
61) 1,2-Dibromoethane	8.925	107	237952	47.427	ug/l	99
64) Tetrachloroethene	8.555	164	197438	48.462	ug/l	99
65) Chlorobenzene	9.449	112	568021	48.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	210257	48.593	ug/l	100
67) Ethyl Benzene	9.571	91	974690	50.673	ug/l	100
68) m/p-Xylenes	9.697	106	782794	103.497	ug/l	100
69) o-Xylene	10.102	106	376342	51.960	ug/l	99
70) Styrene	10.115	104	632838	52.599	ug/l	100
71) Bromoform	10.295	173	217906	49.268	ug/l #	100
73) Isopropylbenzene	10.484	105	978174	51.131	ug/l	100
74) N-amyl acetate	10.324	43	401289	53.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	388155	48.591	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	450961	49.247	ug/l	100
77) Bromobenzene	10.784	156	274748	49.976	ug/l	98
78) n-propylbenzene	10.906	91	1184351	51.817	ug/l	99
79) 2-Chlorotoluene	10.989	91	693094	50.465	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	840490	52.104	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	132561	51.527	ug/l	98
82) 4-Chlorotoluene	11.099	91	813068	50.958	ug/l	99
83) tert-Butylbenzene	11.423	119	845284	50.970	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	834377	52.051	ug/l	100
85) sec-Butylbenzene	11.645	105	1060845	52.409	ug/l	100
86) p-Isopropyltoluene	11.796	119	919139	52.964	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	531348	48.547	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	535616	47.779	ug/l	100
89) n-Butylbenzene	12.211	91	846870	52.219	ug/l	100
90) Hexachloroethane	12.478	117	173073	49.301	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	520999	48.978	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	102116	51.311	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	396694	52.601	ug/l	100
94) Hexachlorobutadiene	14.021	225	189266	49.744	ug/l	100
95) Naphthalene	14.086	128	1301414	57.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	390967	53.158	ug/l	98

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QLast Update : Thu Mar 31 13:50:29 2022
Response via : Initial Calibration

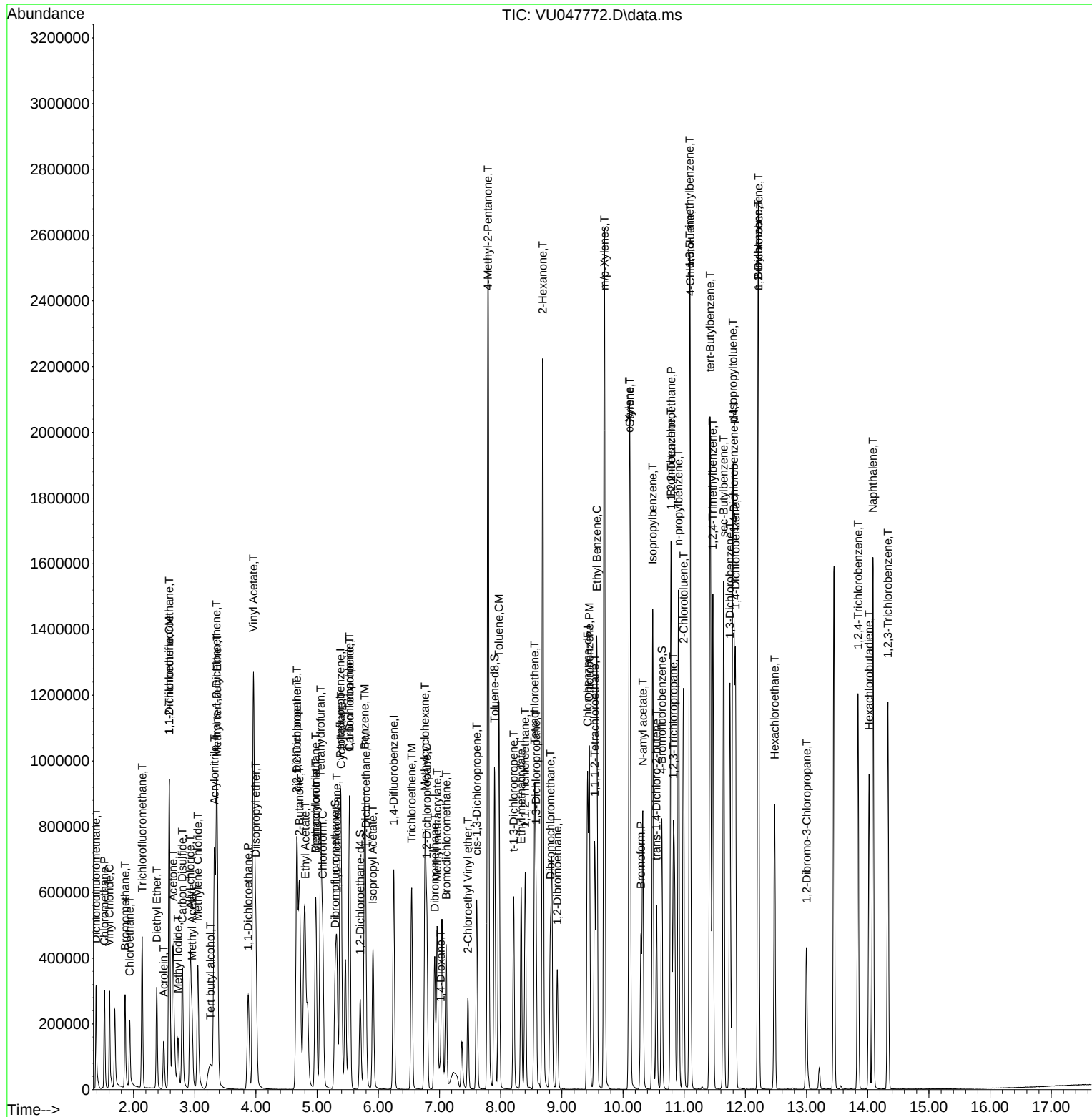
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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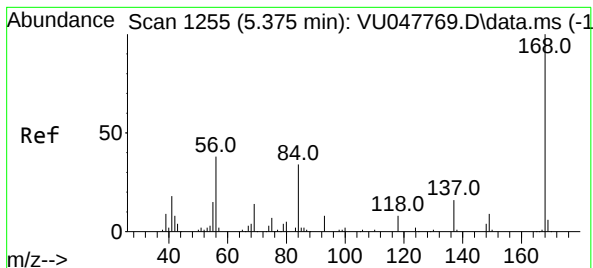
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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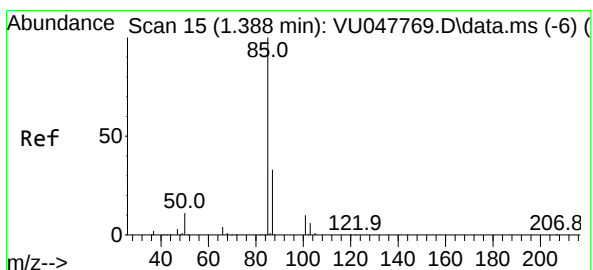
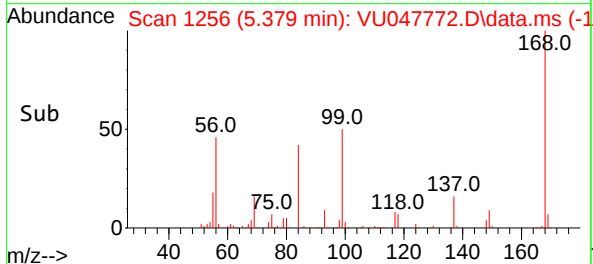
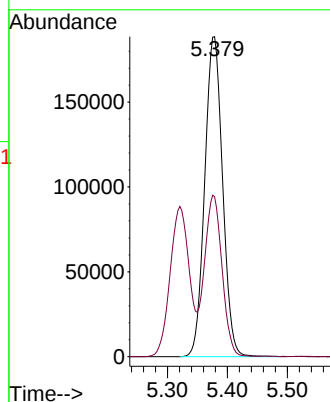
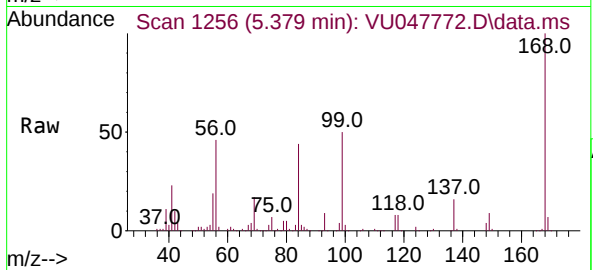




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU047772.D
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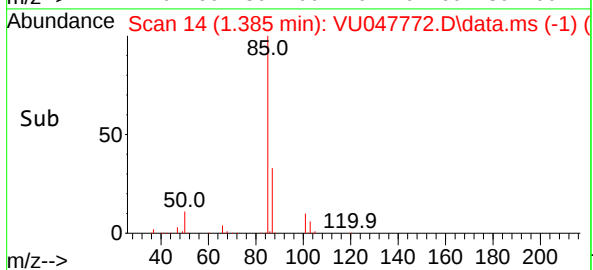
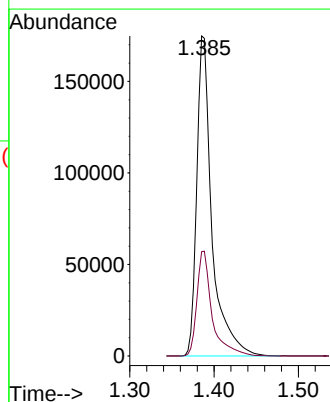
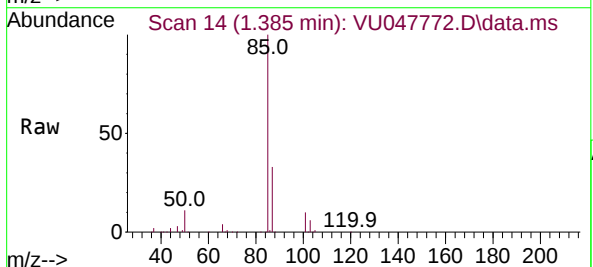
Instrument :
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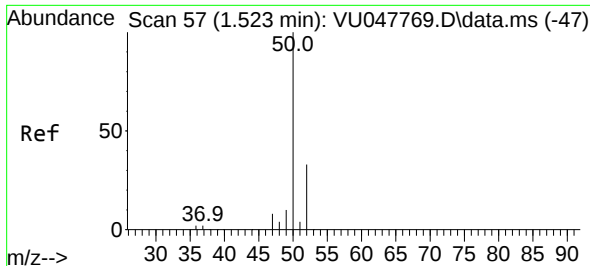
Tgt Ion:168 Resp: 391076
Ion Ratio Lower Upper
168 100
99 50.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 49.832 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 85 Resp: 218131
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

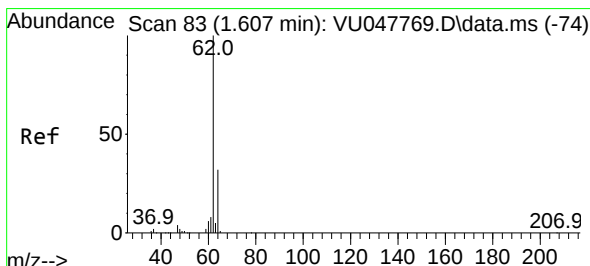
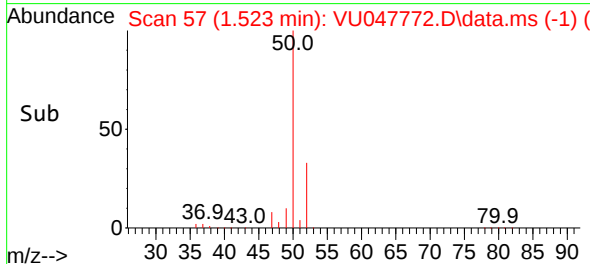
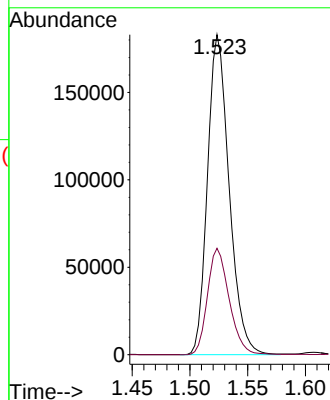
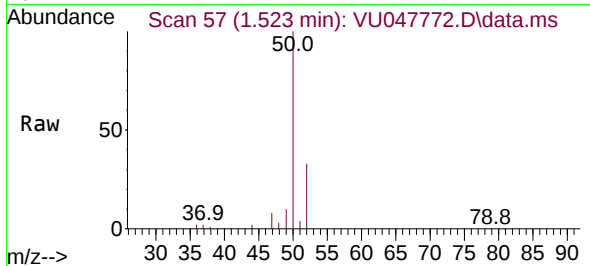




#3
Chloromethane
Concen: 48.993 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

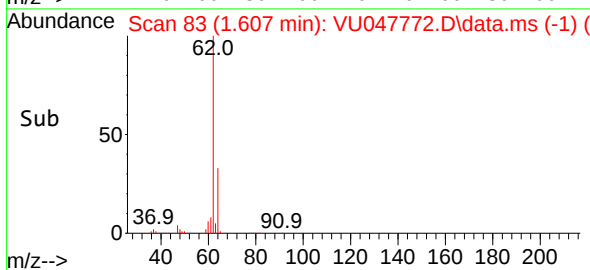
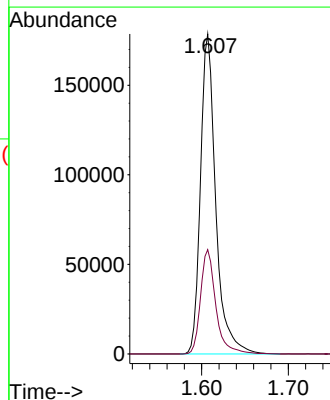
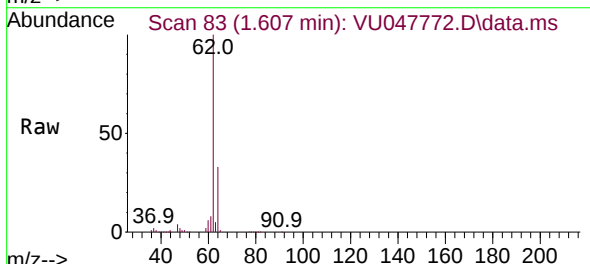
Instrument :
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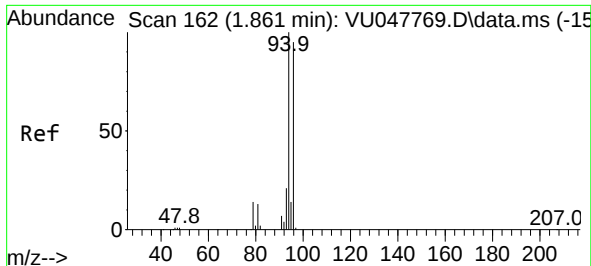
Tgt Ion: 50 Resp: 239164
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.2



#4
Vinyl Chloride
Concen: 47.567 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 62 Resp: 217967
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

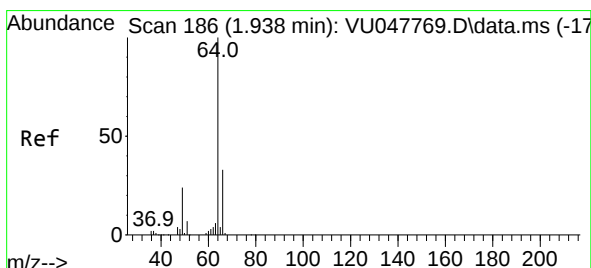
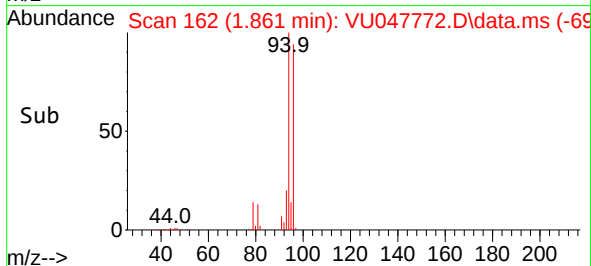
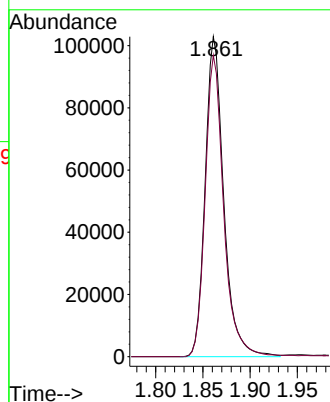
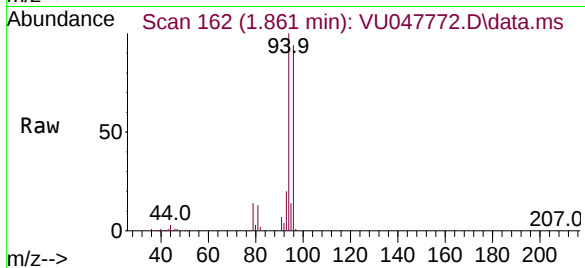




#5
Bromomethane
Concen: 46.580 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

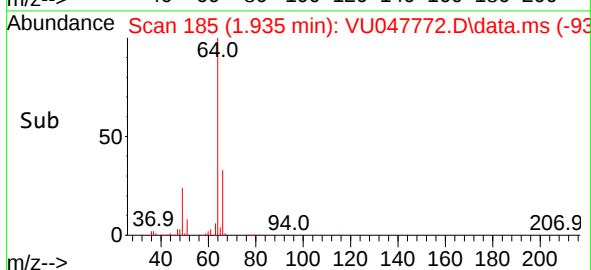
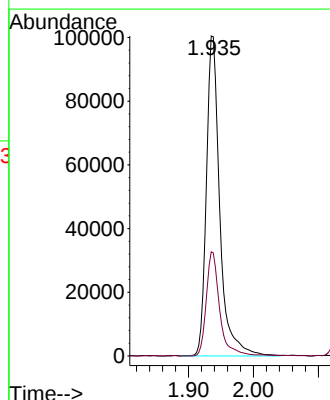
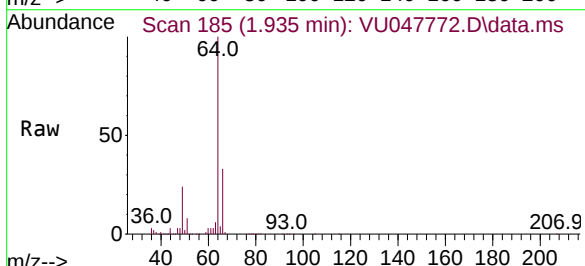
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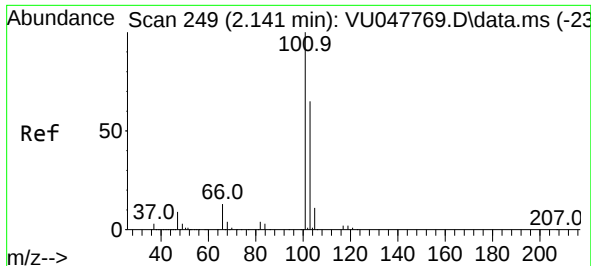
Tgt Ion: 94 Resp: 140567
Ion Ratio Lower Upper
94 100
96 94.2 73.7 110.5



#6
Chloroethane
Concen: 48.256 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 64 Resp: 144705
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1

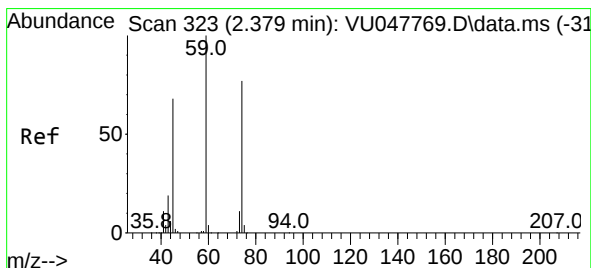
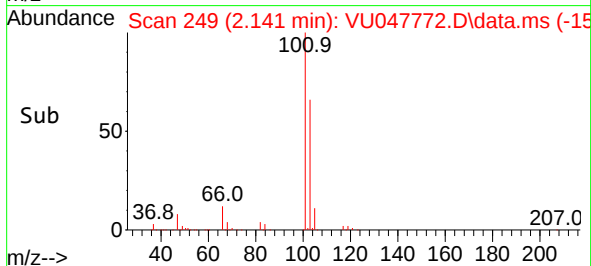
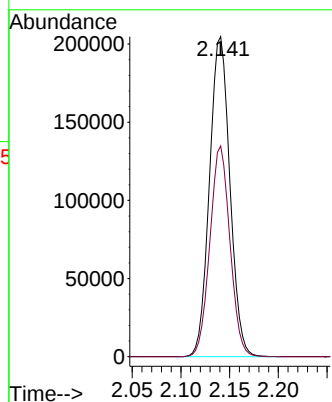
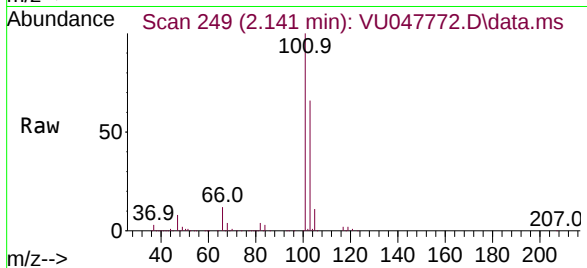




#7
 Trichlorofluoromethane
 Concen: 46.485 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU047772.D
 Acq: 31 Mar 2022 14:06

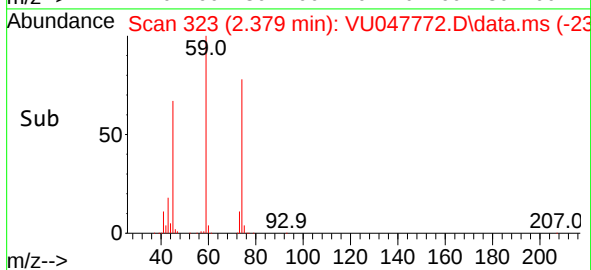
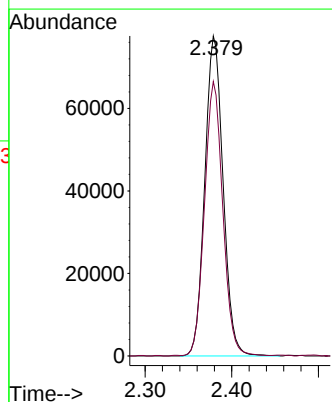
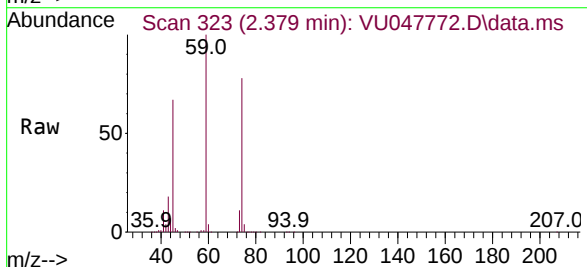
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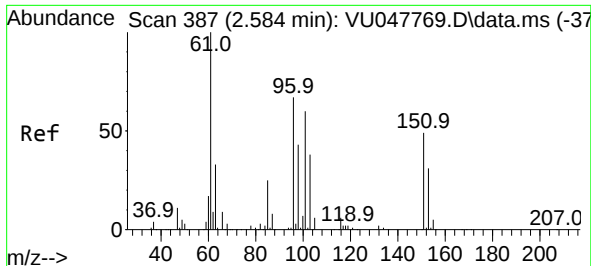
Tgt Ion:101 Resp: 297985
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.6 75.8



#8
 Diethyl Ether
 Concen: 46.431 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU047772.D
 Acq: 31 Mar 2022 14:06

Tgt Ion: 74 Resp: 113944
 Ion Ratio Lower Upper
 74 100
 45 85.2 44.4 133.2

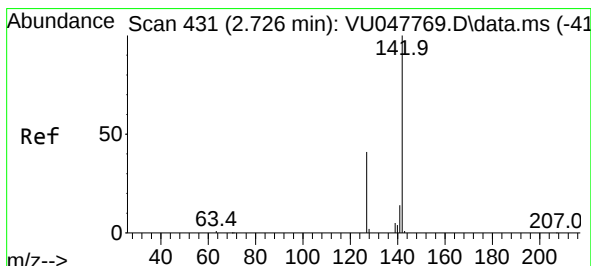
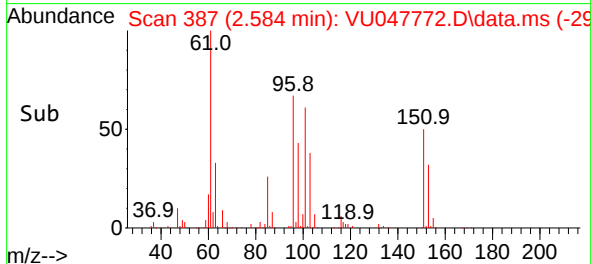
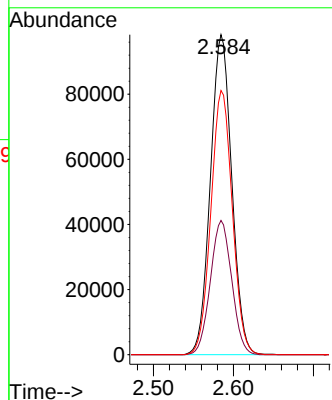
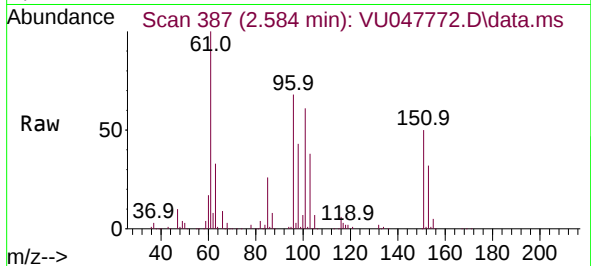




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.557 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

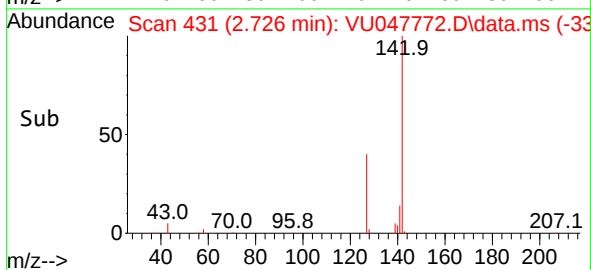
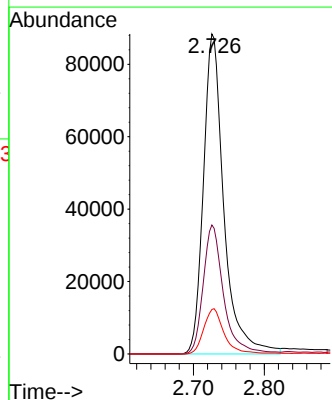
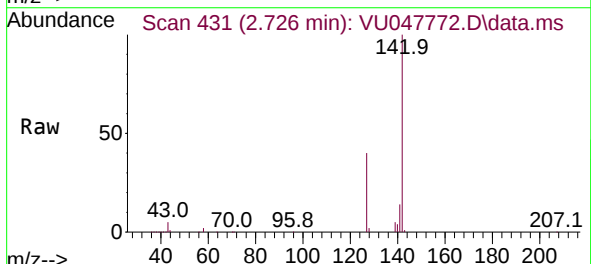
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

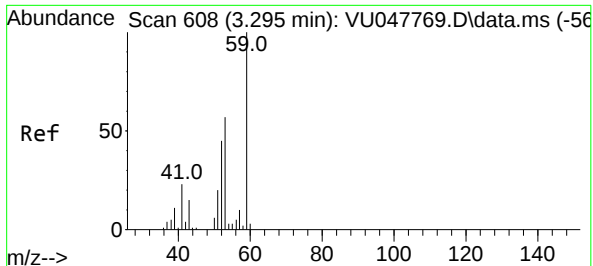
Tgt Ion:101 Resp: 182321
Ion Ratio Lower Upper
101 100
85 42.0 33.9 50.9
151 82.8 64.0 96.0



#10
Methyl Iodide
Concen: 44.474 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:142 Resp: 177161
Ion Ratio Lower Upper
142 100
127 40.2 32.5 48.7
141 14.3 11.4 17.0

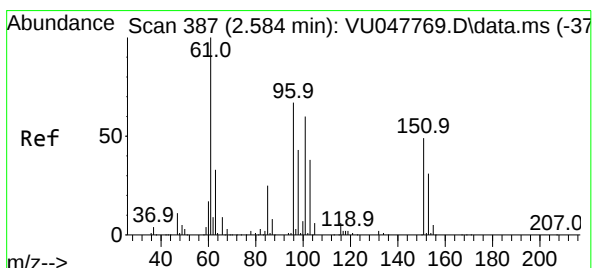
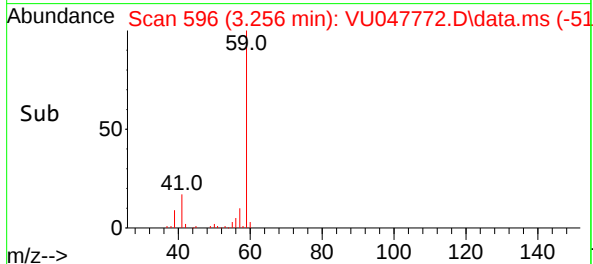
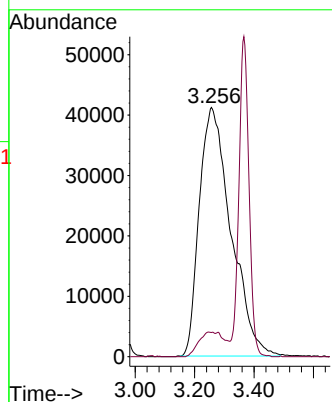
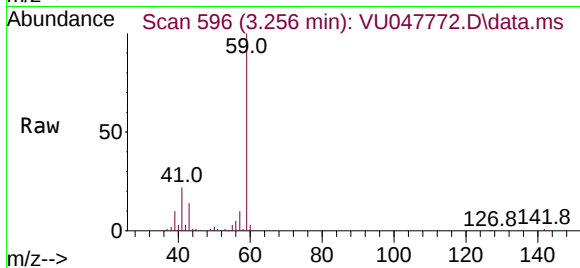




#11
Tert butyl alcohol
Concen: 259.277 ug/l
RT: 3.256 min Scan# 59
Delta R.T. -0.039 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

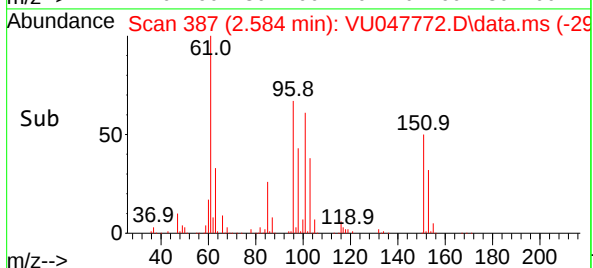
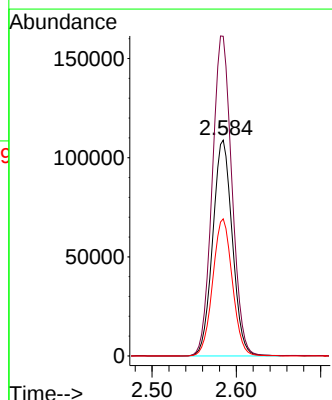
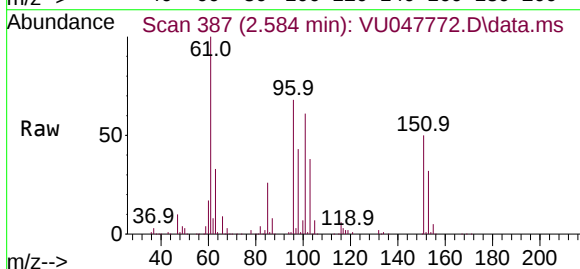
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

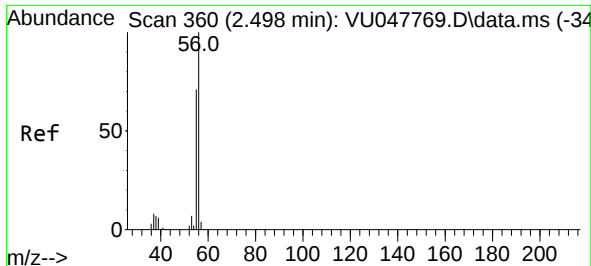
Tgt Ion: 59 Resp: 304818
Ion Ratio Lower Upper
59 100
57 5.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 46.981 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 96 Resp: 175732
Ion Ratio Lower Upper
96 100
61 148.1 122.2 183.2
98 63.5 50.7 76.1

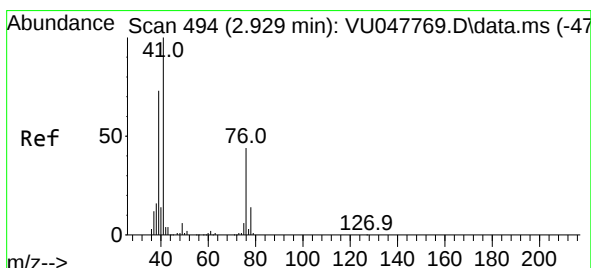
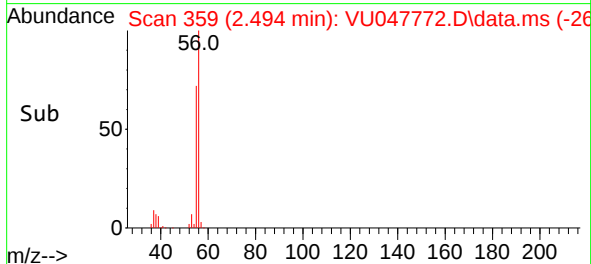
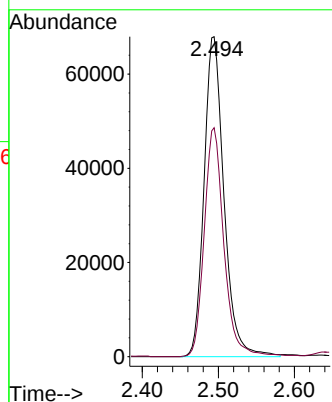
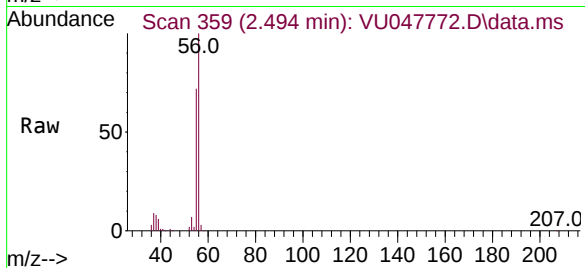




#13
Acrolein
Concen: 221.263 ug/l
RT: 2.494 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

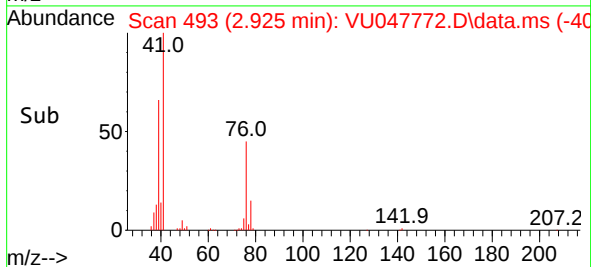
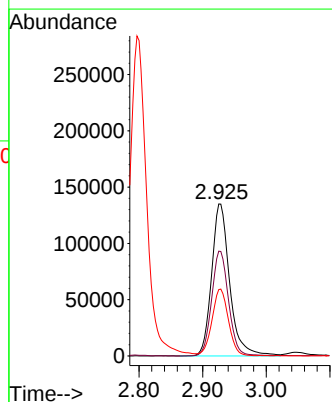
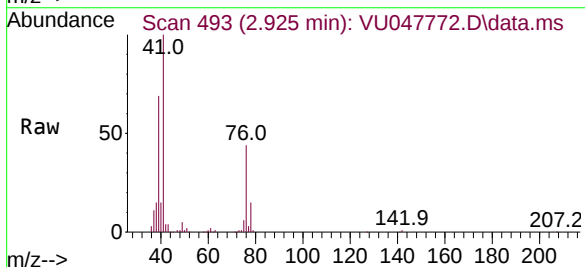
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

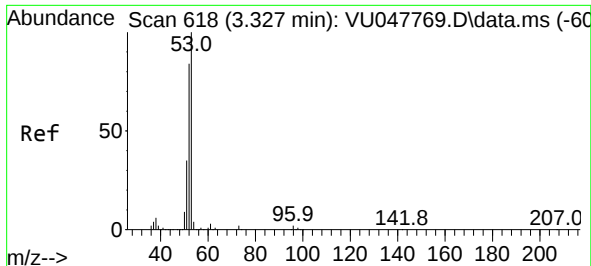
Tgt Ion: 56 Resp: 123558
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0



#14
Allyl chloride
Concen: 50.194 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 41 Resp: 266895
Ion Ratio Lower Upper
41 100
39 64.7 53.4 80.2
76 39.5 33.8 50.6

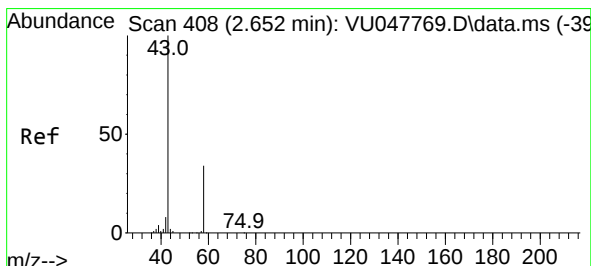
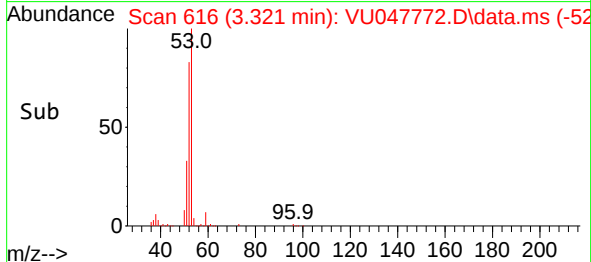
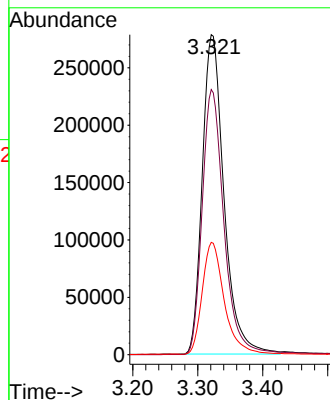
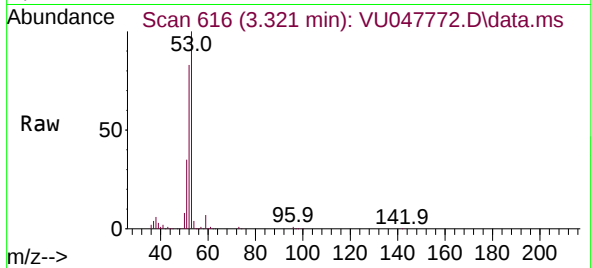




#15
Acrylonitrile
Concen: 230.452 ug/l
RT: 3.321 min Scan# 618
Delta R.T. -0.006 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

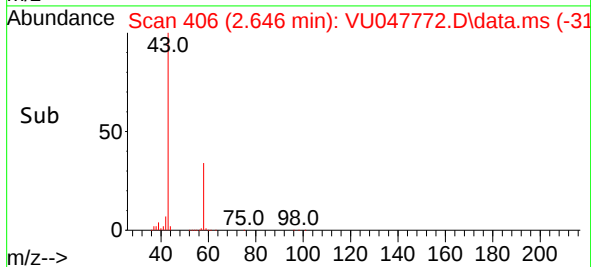
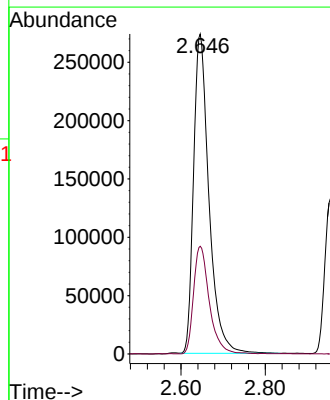
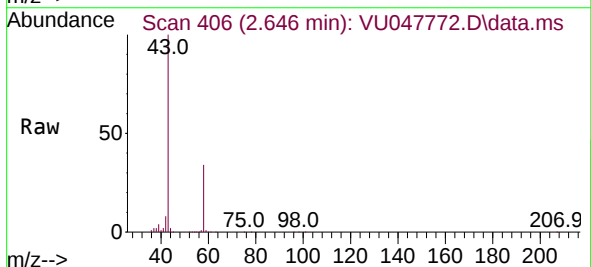
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

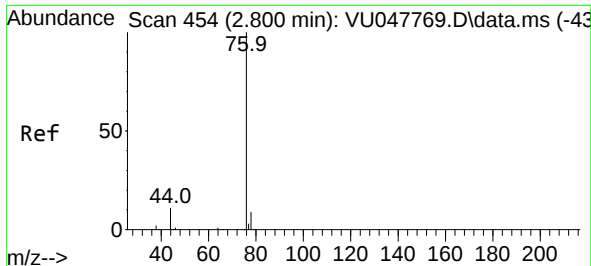
Tgt Ion: 53 Resp: 649951
Ion Ratio Lower Upper
53 100
52 83.4 65.7 98.5
51 35.4 28.2 42.4



#16
Acetone
Concen: 226.395 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.006 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 43 Resp: 692522
Ion Ratio Lower Upper
43 100
58 33.7 27.5 41.3

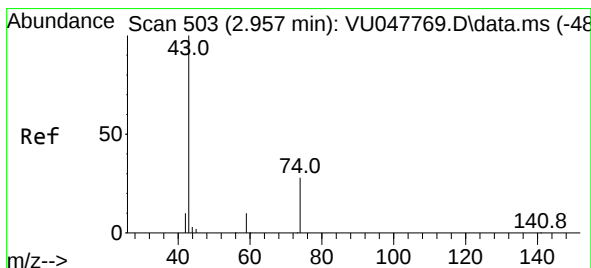
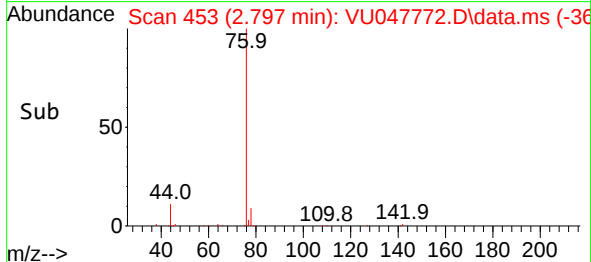
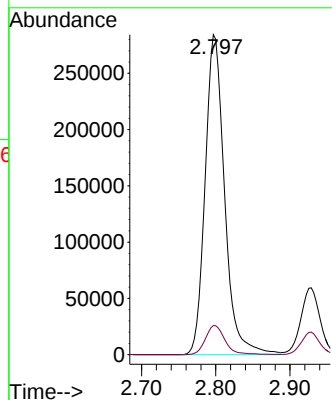
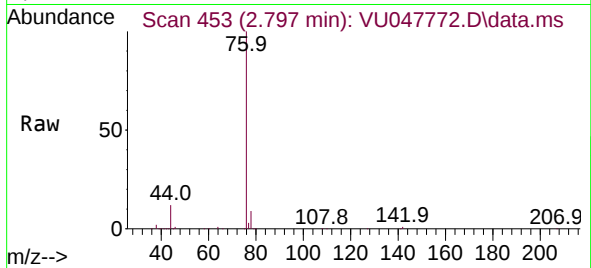




#17
Carbon Disulfide
Concen: 47.022 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

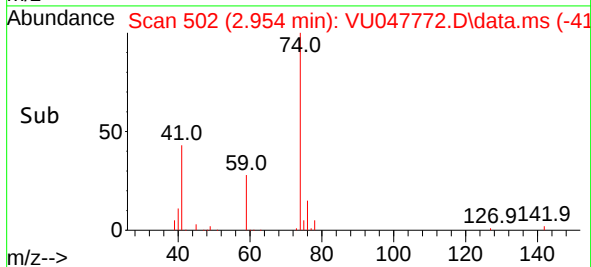
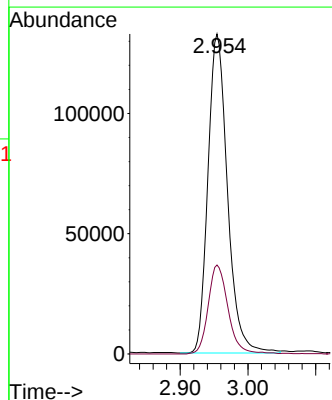
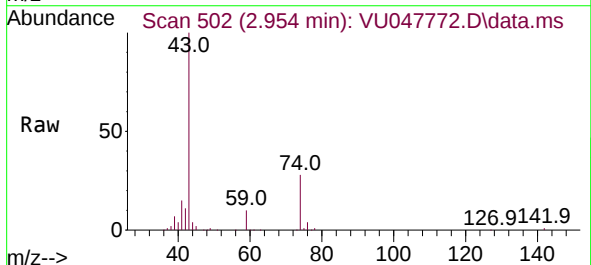
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

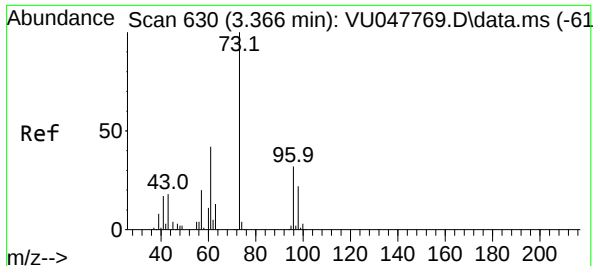
Tgt Ion: 76 Resp: 518194
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.421 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 43 Resp: 265705
Ion Ratio Lower Upper
43 100
74 28.4 22.5 33.7

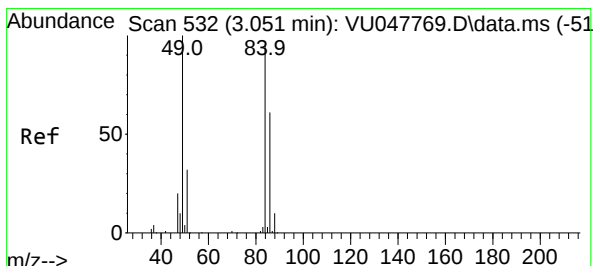
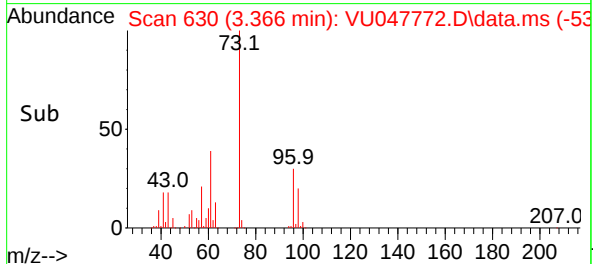
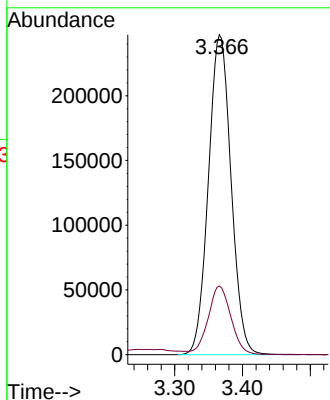
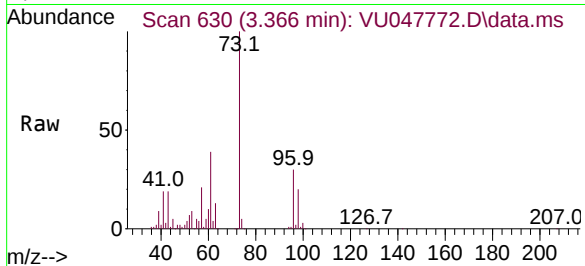




#19
Methyl tert-butyl Ether
Concen: 48.652 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

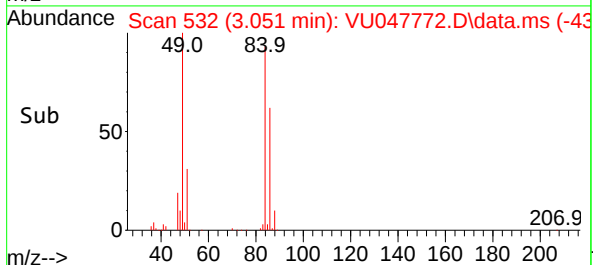
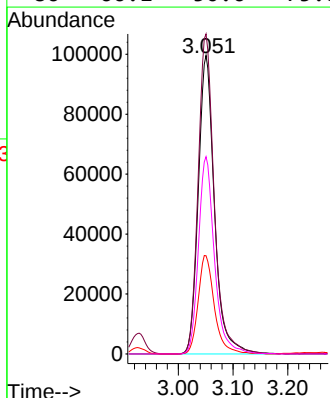
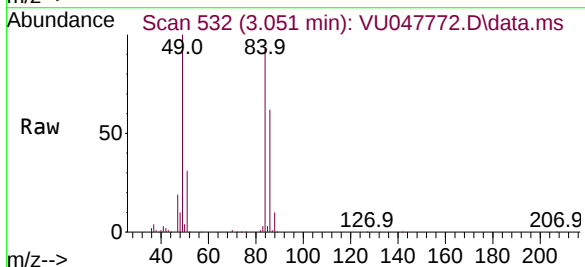
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

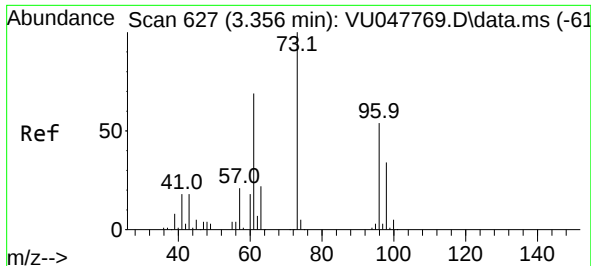
Tgt Ion: 73 Resp: 573660
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 45.004 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 84 Resp: 204450
Ion Ratio Lower Upper
84 100
49 107.2 86.6 129.8
51 32.9 26.6 40.0
86 66.1 50.6 75.8

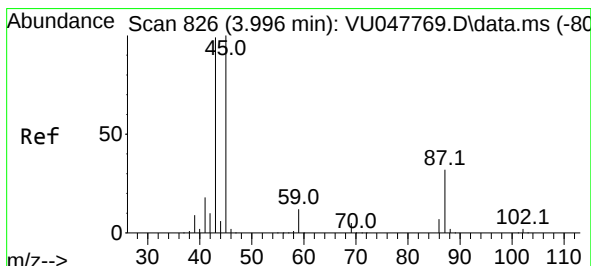
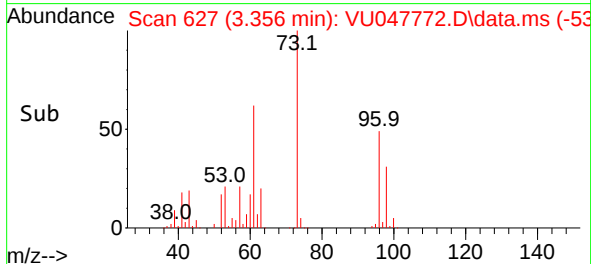
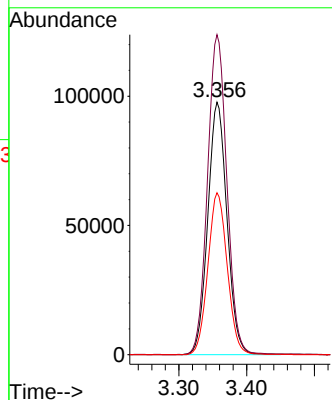
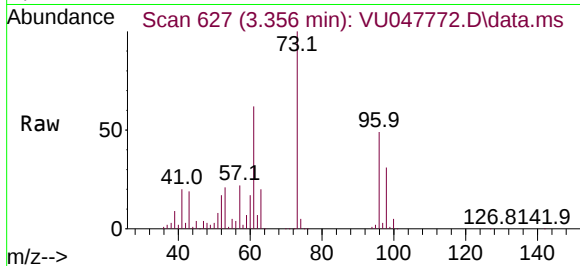




#21
trans-1,2-Dichloroethene
Concen: 47.179 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

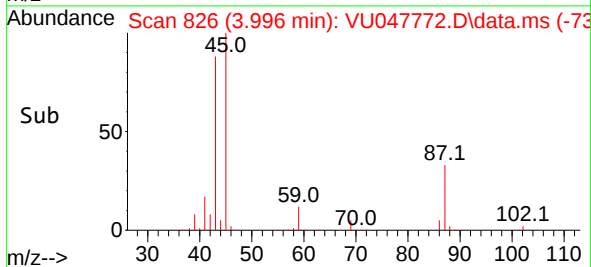
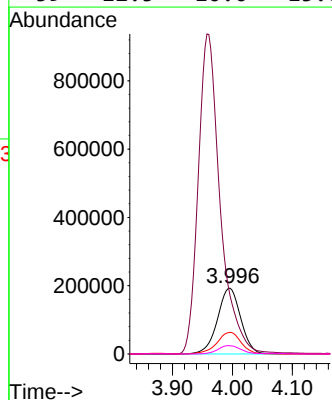
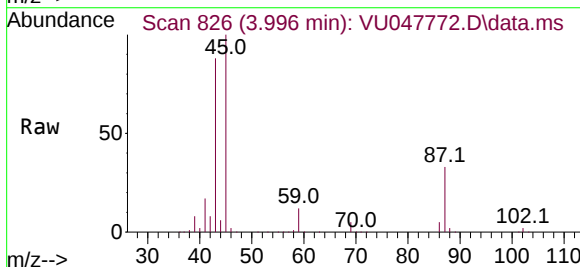
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

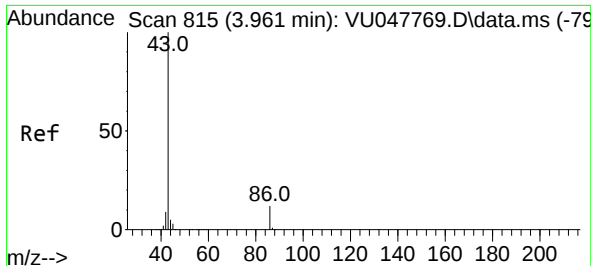
Tgt Ion: 96 Resp: 192473
Ion Ratio Lower Upper
96 100
61 126.6 106.1 159.1
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 48.978 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 45 Resp: 517943
Ion Ratio Lower Upper
45 100
43 87.4 92.9 139.3#
87 32.6 26.2 39.2
59 12.5 10.0 15.0

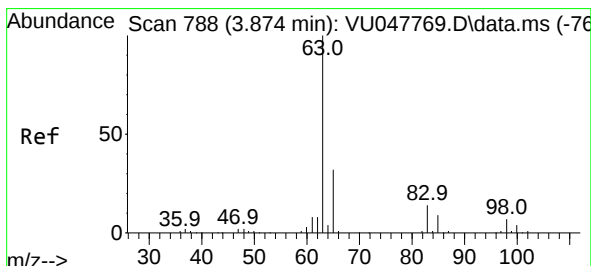
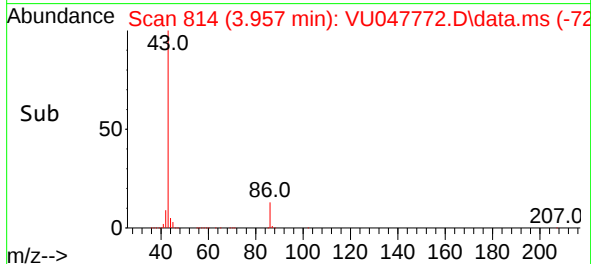
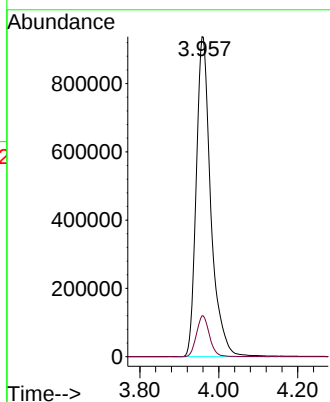
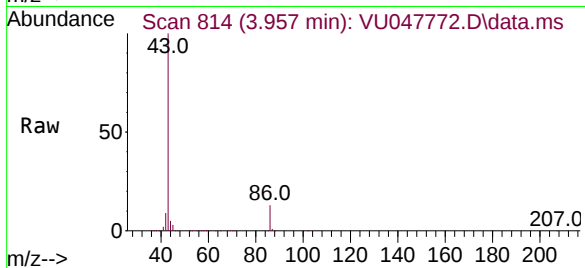




#23
 Vinyl Acetate
 Concen: 249.780 ug/l
 RT: 3.957 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VU047772.D
 Acq: 31 Mar 2022 14:06

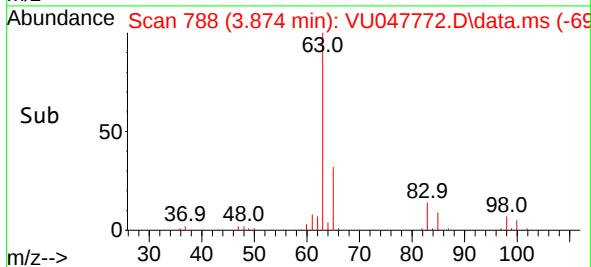
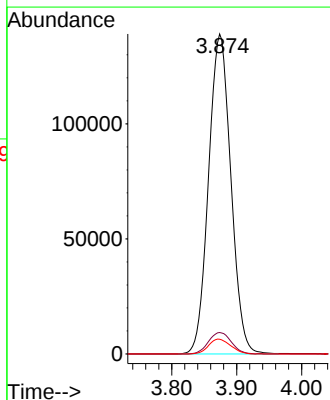
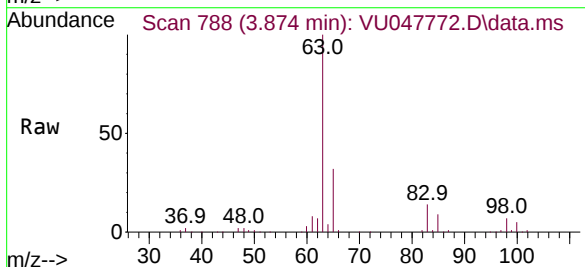
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU033122

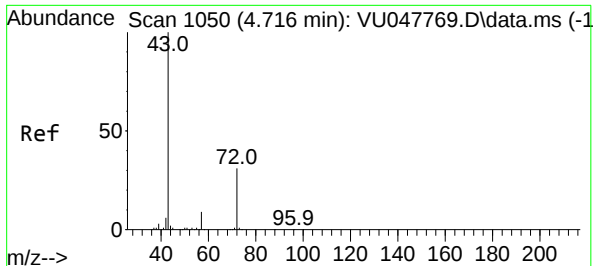
Tgt Ion: 43 Resp: 2396133
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.662 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU047772.D
 Acq: 31 Mar 2022 14:06

Tgt Ion: 63 Resp: 331490
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 241.532 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

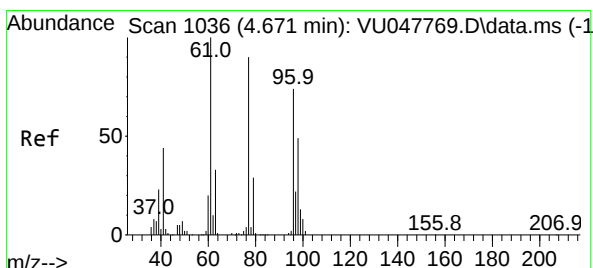
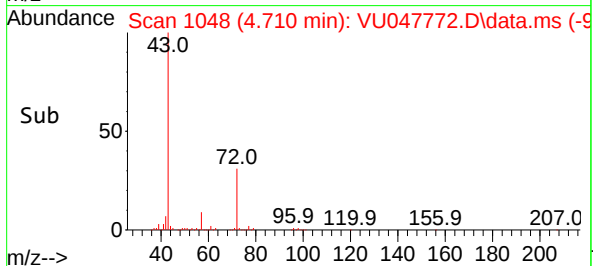
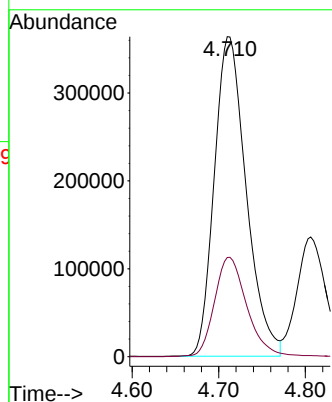
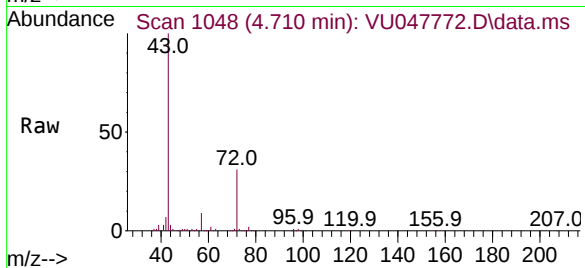
ICVVU033122

Tgt Ion: 43 Resp: 930421

Ion Ratio Lower Upper

43 100

72 30.9 23.8 35.6



#26

2,2-Dichloropropane

Concen: 48.291 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047772.D

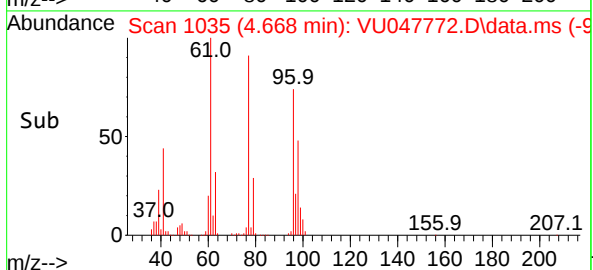
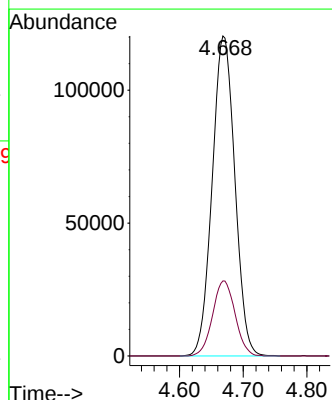
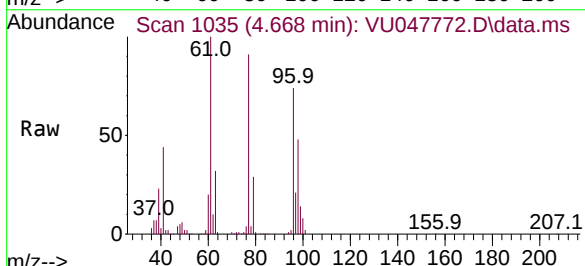
Acq: 31 Mar 2022 14:06

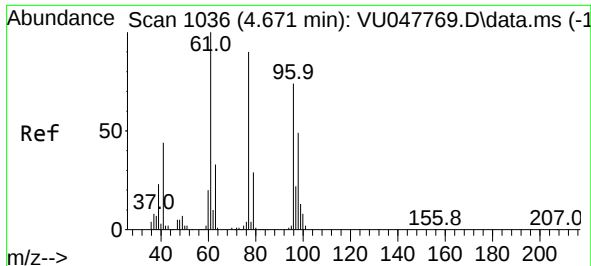
Tgt Ion: 77 Resp: 297668

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.197 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

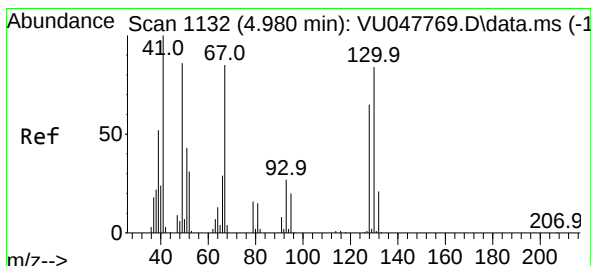
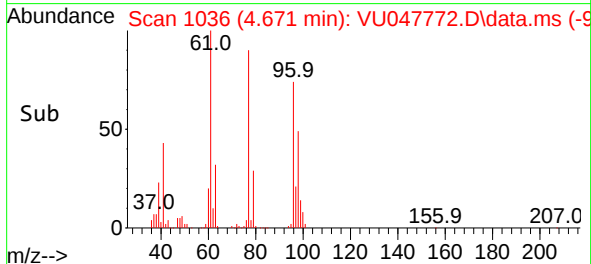
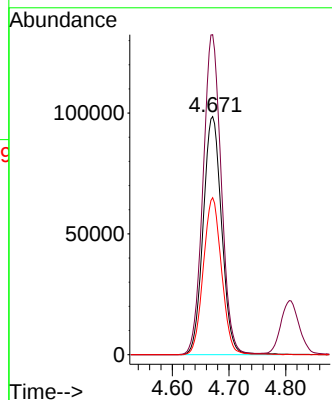
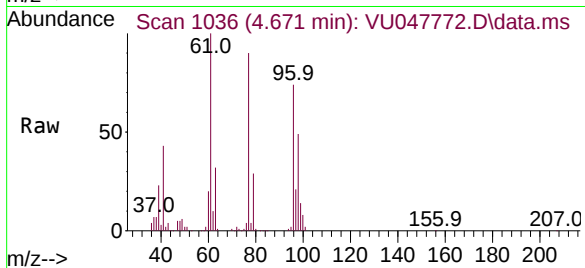
Tgt Ion: 96 Resp: 223235

Ion Ratio Lower Upper

96 100

61 132.8 0.0 271.6

98 64.7 0.0 128.2



#28

Bromochloromethane

Concen: 53.692 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

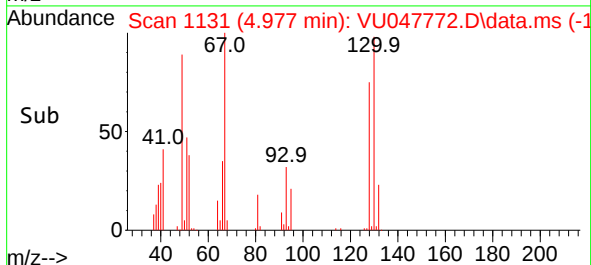
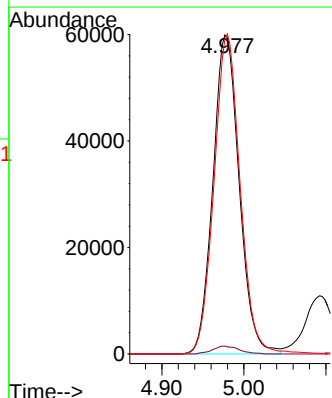
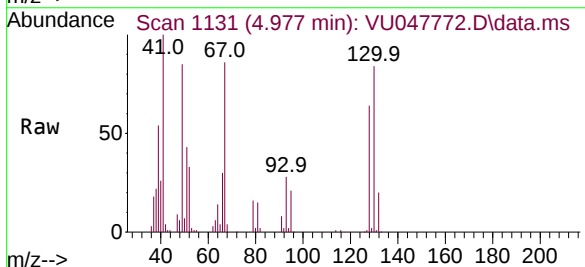
Tgt Ion: 49 Resp: 133581

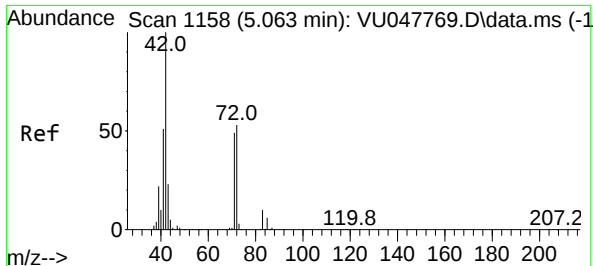
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 99.7 76.9 115.3

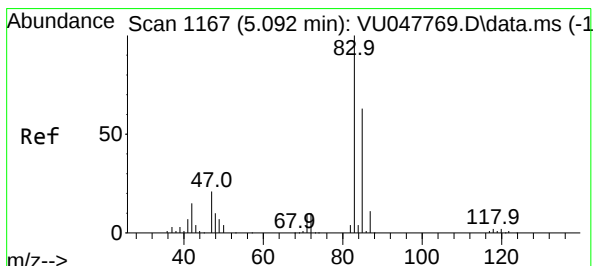
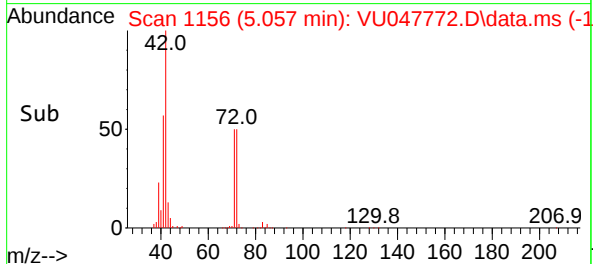
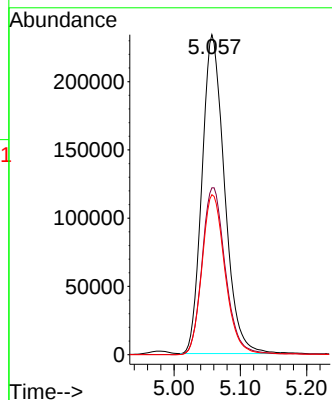
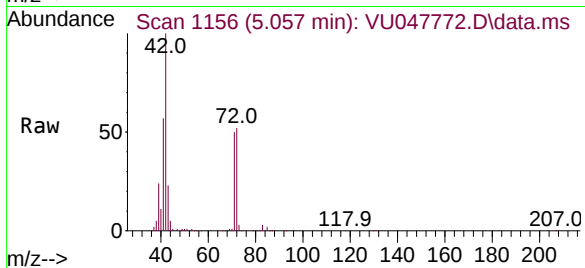




#29
Tetrahydrofuran
Concen: 231.425 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. -0.006 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

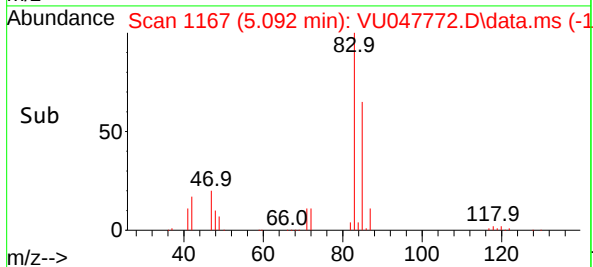
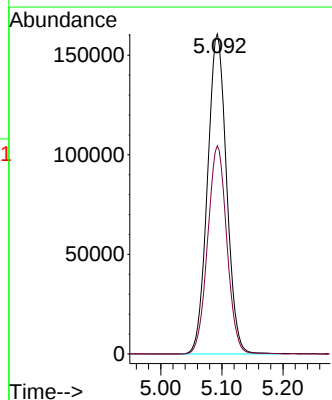
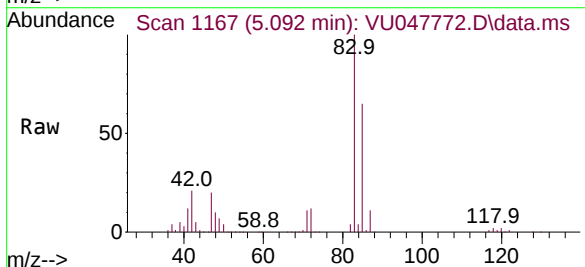
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

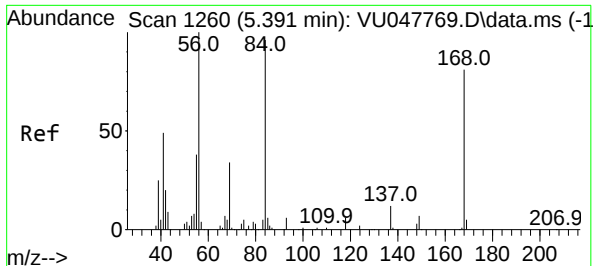
Tgt Ion: 42 Resp: 551718
Ion Ratio Lower Upper
42 100
72 54.4 42.6 63.8
71 51.7 40.3 60.5



#30
Chloroform
Concen: 46.421 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 83 Resp: 347869
Ion Ratio Lower Upper
83 100
85 65.0 51.2 76.8

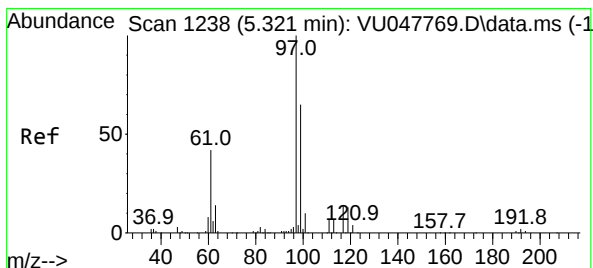
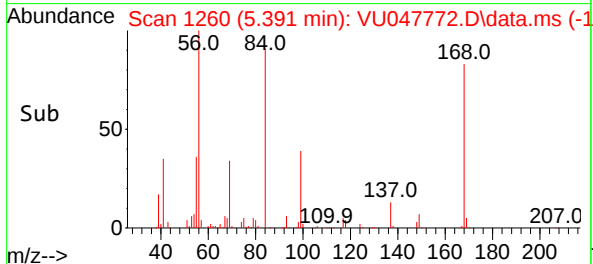
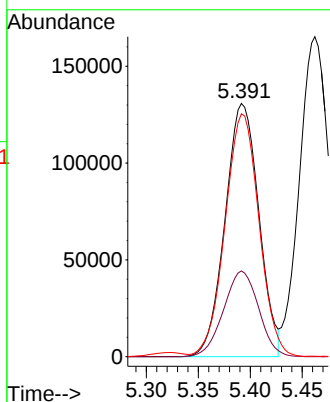
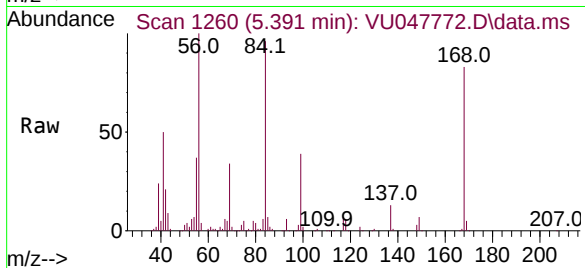




#31
Cyclohexane
Concen: 47.270 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

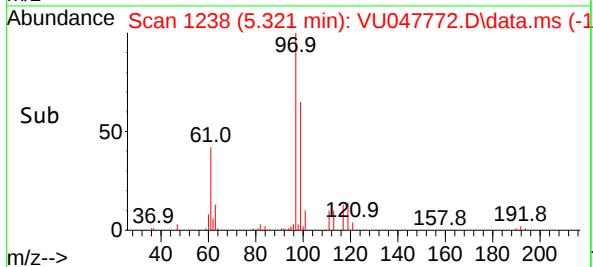
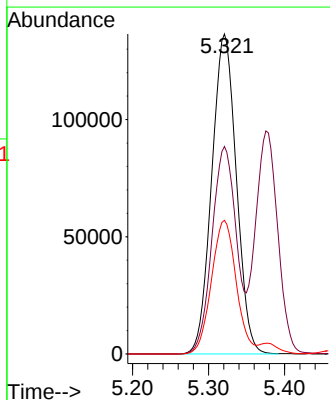
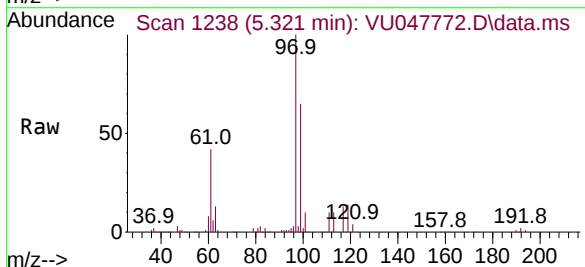
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

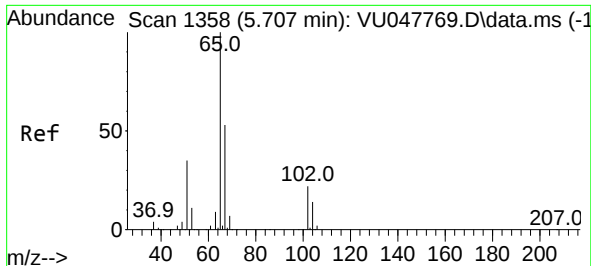
Tgt Ion: 56 Resp: 295726
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.8
84 94.5 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 47.433 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 97 Resp: 306521
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.214 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

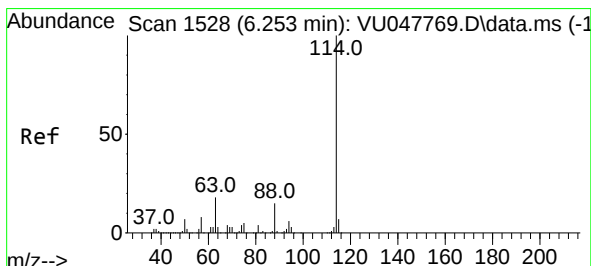
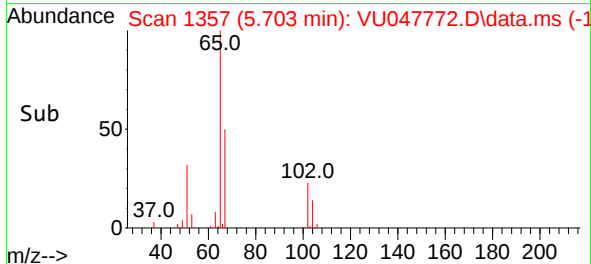
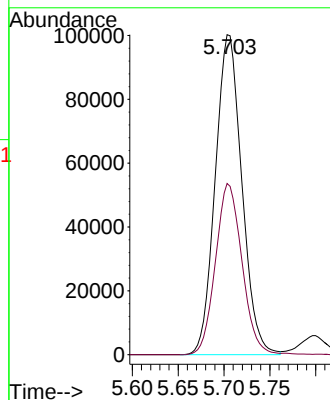
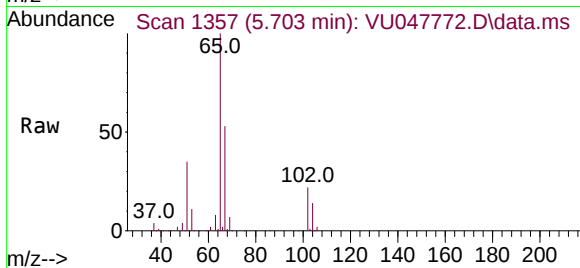
ICVVU033122

Tgt Ion: 65 Resp: 202283

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

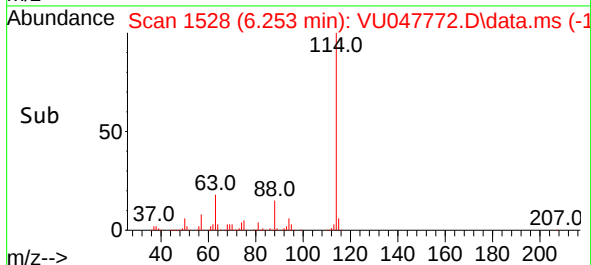
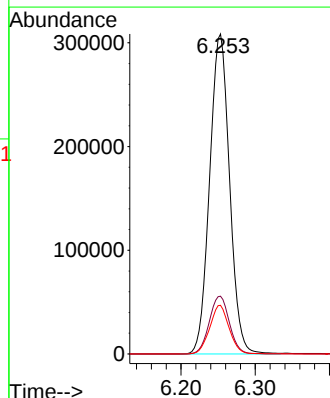
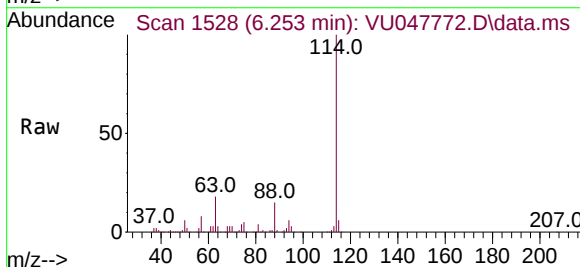
Tgt Ion:114 Resp: 574085

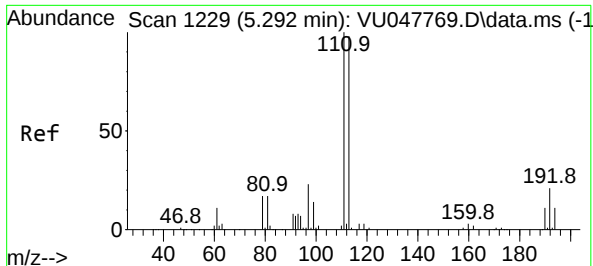
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

88 15.2 0.0 29.2

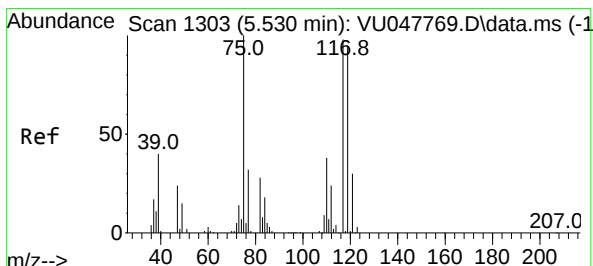
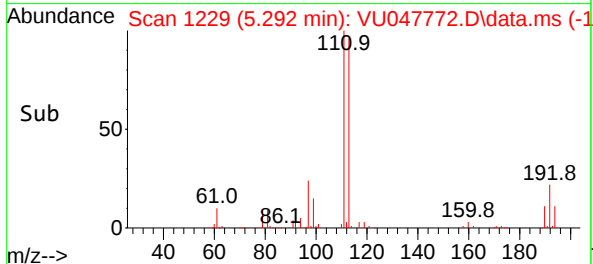
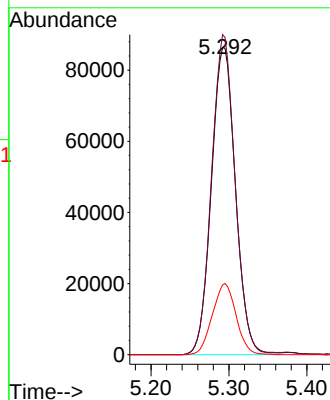
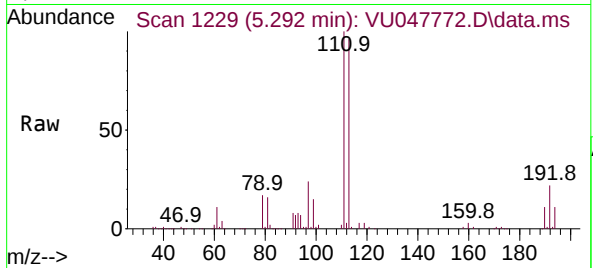




#35
Dibromofluoromethane
Concen: 48.237 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

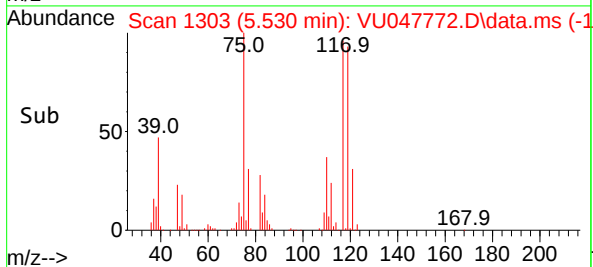
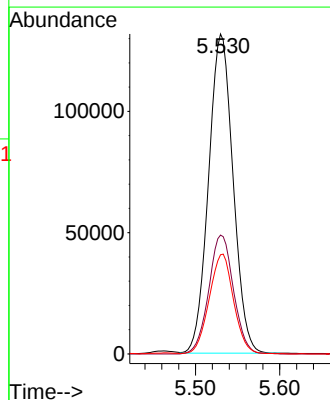
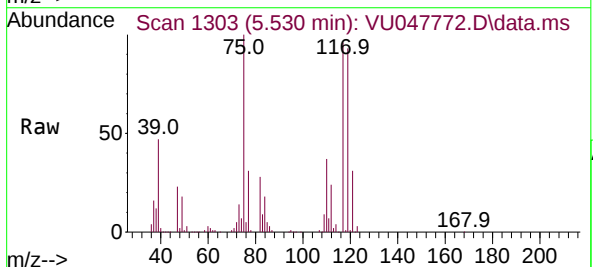
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

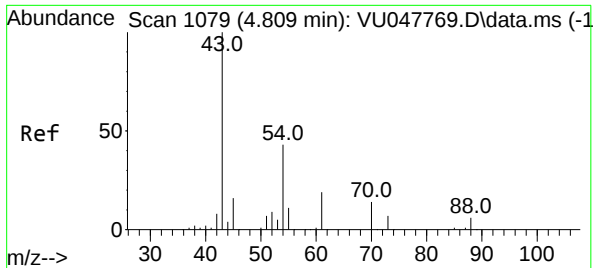
Tgt Ion:113 Resp: 185714
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 48.848 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 75 Resp: 265495
Ion Ratio Lower Upper
75 100
110 37.8 18.4 55.2
77 31.3 25.1 37.7

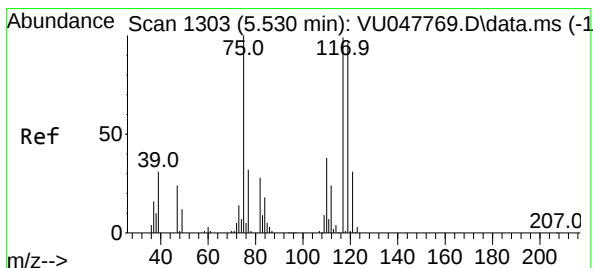
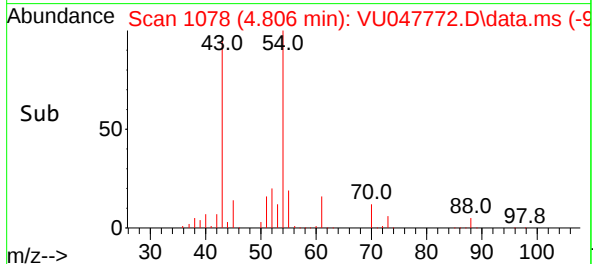
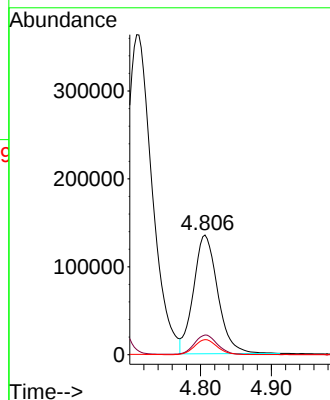
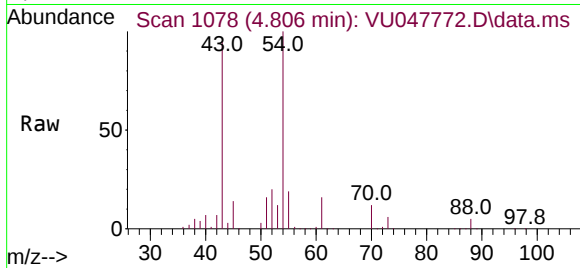




#37
Ethyl Acetate
Concen: 43.743 ug/l
RT: 4.806 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

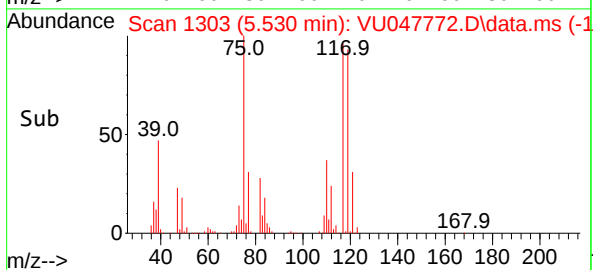
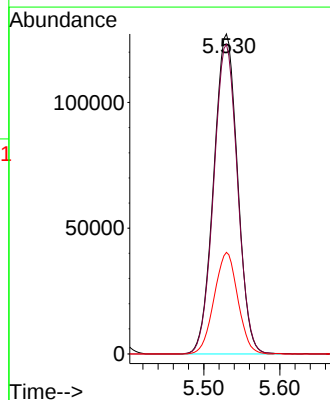
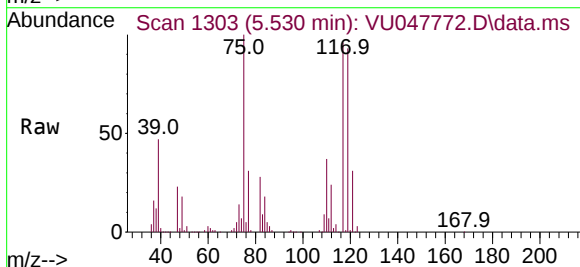
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

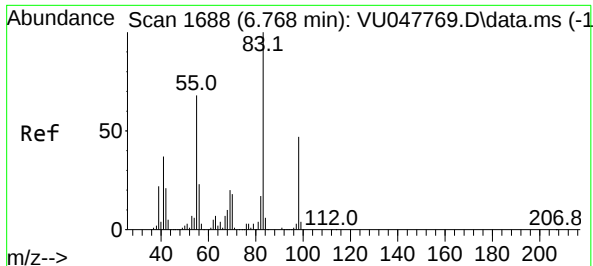
Tgt Ion: 43 Resp: 320162
Ion Ratio Lower Upper
43 100
61 15.6 9.5 14.3#
70 12.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 47.919 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 117 Resp: 277778
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
121 31.7 24.7 37.1





#39

Methylcyclohexane

Concen: 49.527 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

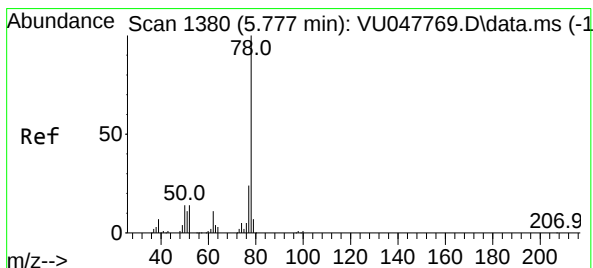
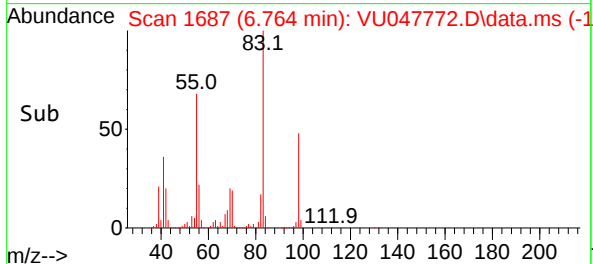
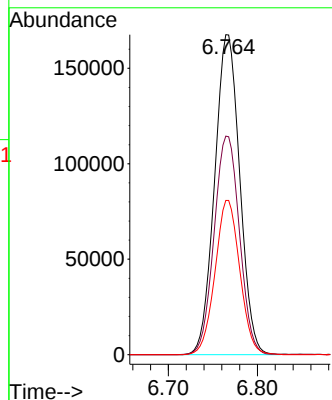
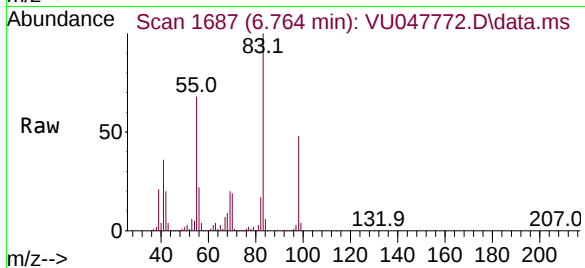
Tgt Ion: 83 Resp: 329115

Ion Ratio Lower Upper

83 100

55 68.3 55.3 82.9

98 48.2 37.3 55.9



#40

Benzene

Concen: 47.683 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047772.D

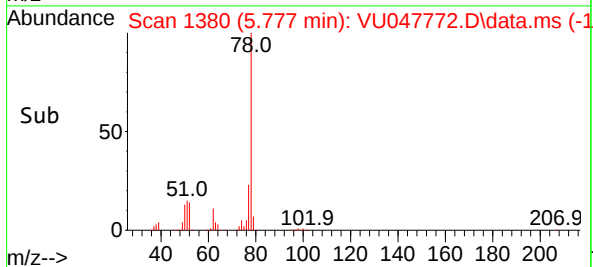
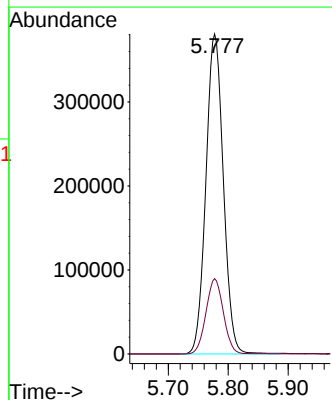
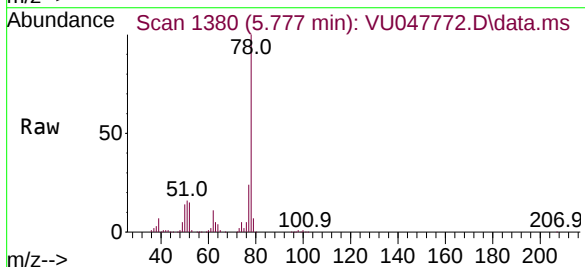
Acq: 31 Mar 2022 14:06

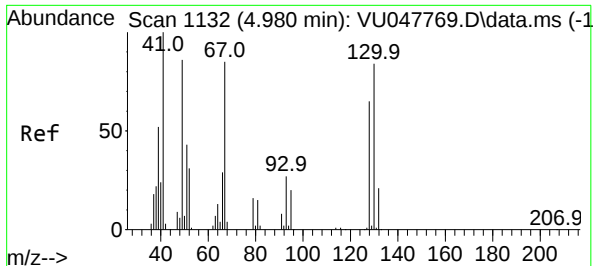
Tgt Ion: 78 Resp: 770272

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



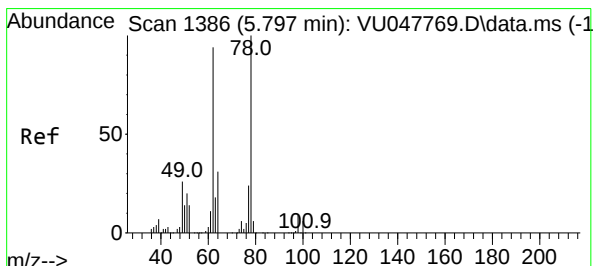
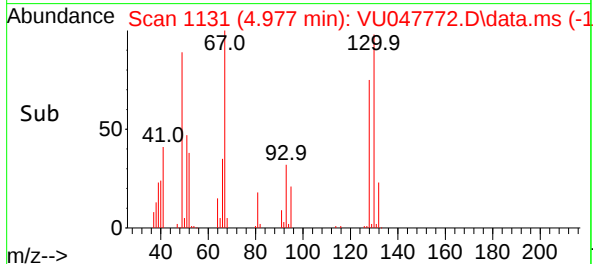
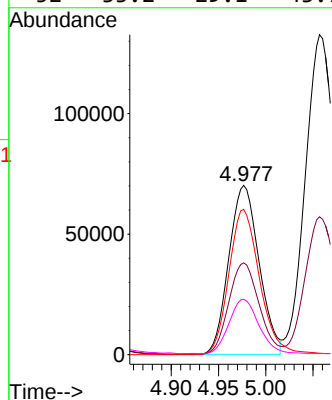
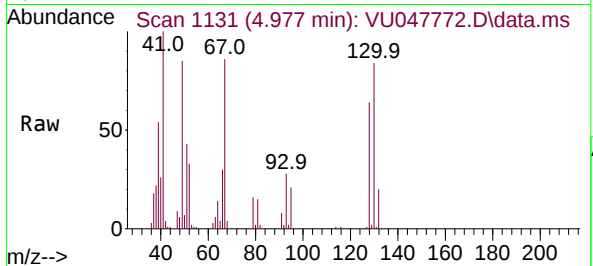


#41
Methacrylonitrile
Concen: 47.258 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

Tgt Ion: 41 Resp: 156178

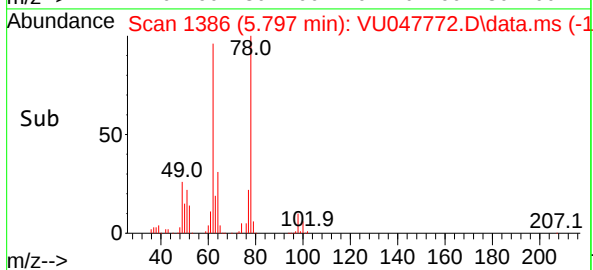
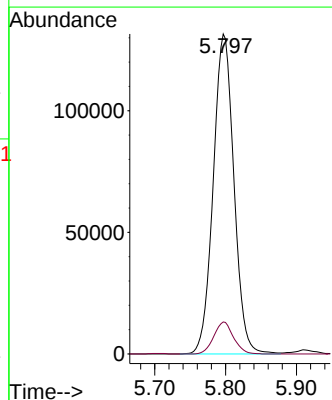
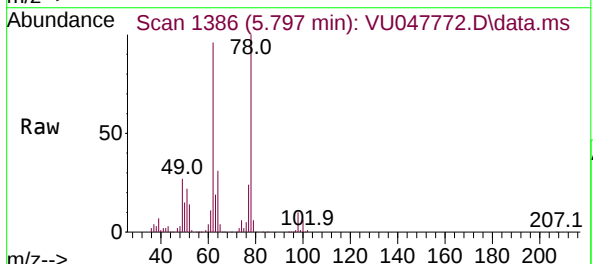
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.1	64.7
67	88.1	72.3	108.5
52	33.2	29.1	43.7

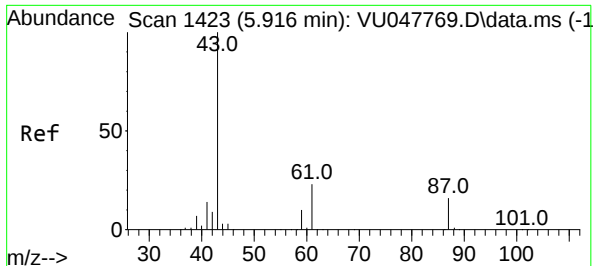


#42
1,2-Dichloroethane
Concen: 47.524 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 62 Resp: 267279

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6

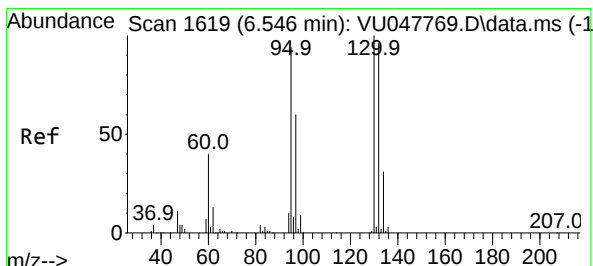
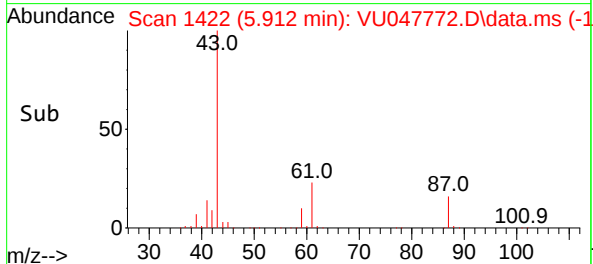
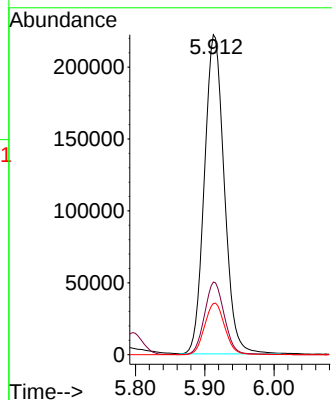
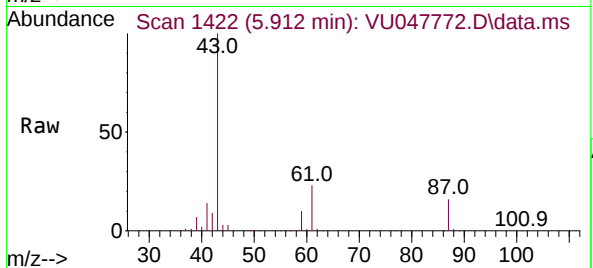




#43
Isopropyl Acetate
Concen: 48.067 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

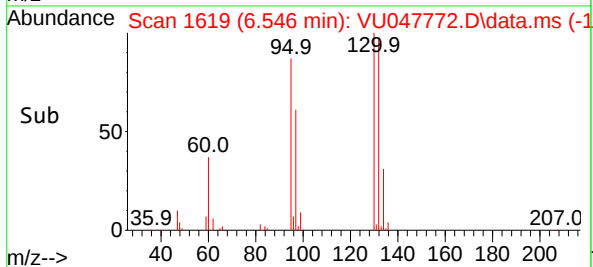
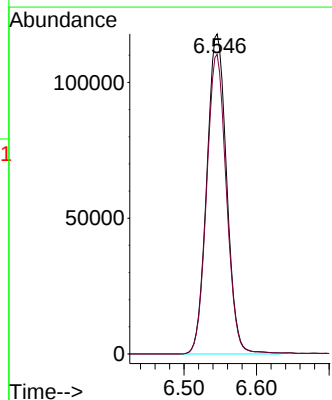
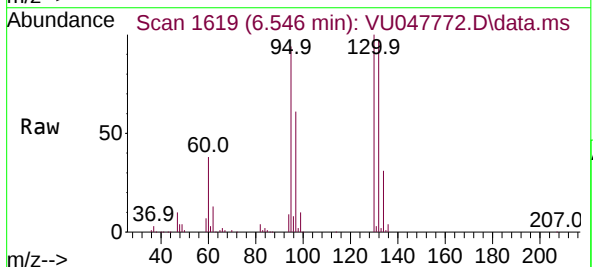
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

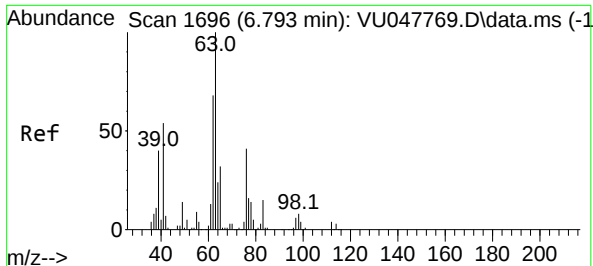
Tgt Ion: 43 Resp: 441493
Ion Ratio Lower Upper
43 100
61 22.7 17.4 26.0
87 16.4 12.6 18.8



#44
Trichloroethene
Concen: 47.851 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:130 Resp: 224114
Ion Ratio Lower Upper
130 100
95 93.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.159 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

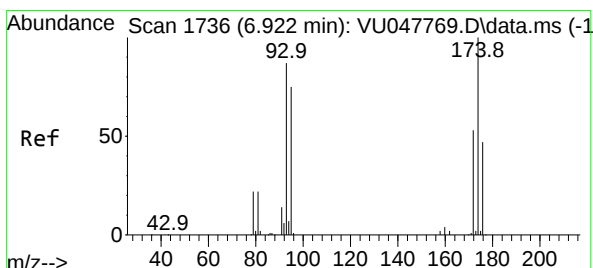
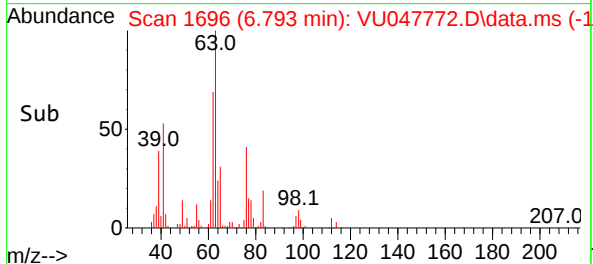
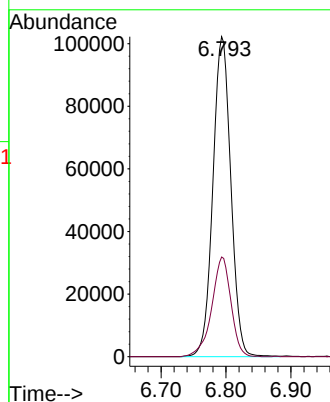
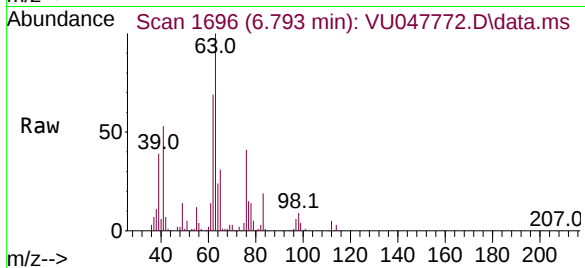
ICVVU033122

Tgt Ion: 63 Resp: 195879

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4



#46

Dibromomethane

Concen: 46.432 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

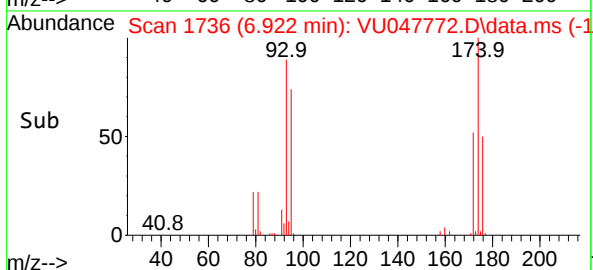
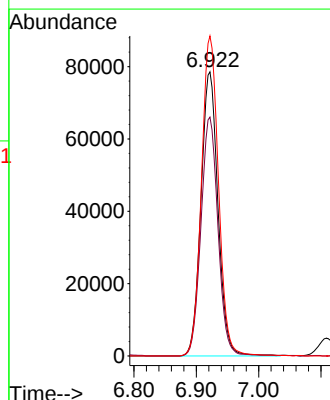
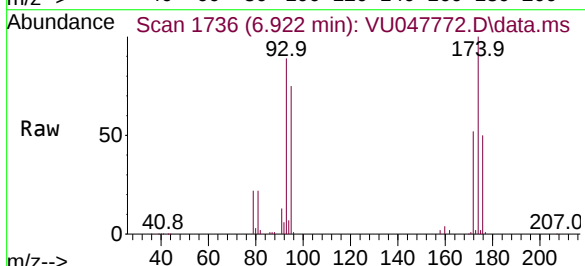
Tgt Ion: 93 Resp: 149154

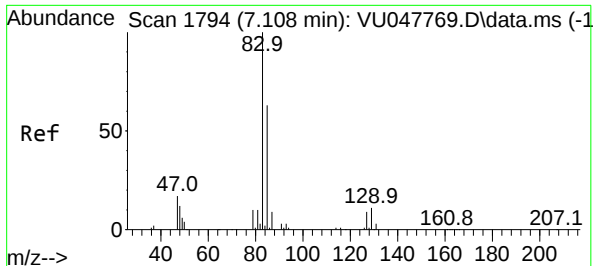
Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 112.6 88.2 132.4





#47

Bromodichloromethane

Concen: 46.946 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

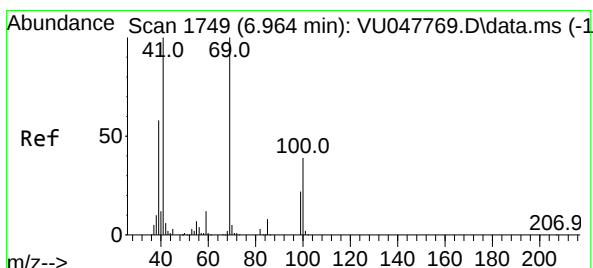
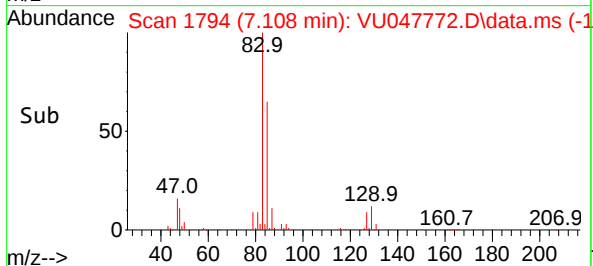
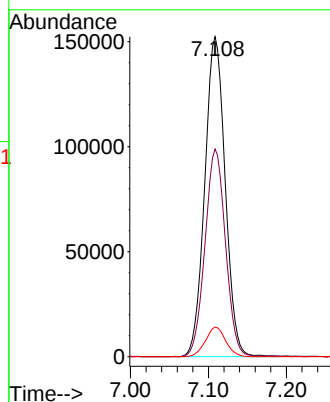
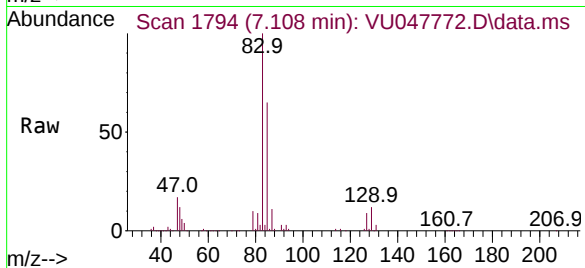
Tgt Ion: 83 Resp: 277595

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

127 9.3 7.1 10.7



#48

Methyl methacrylate

Concen: 49.557 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

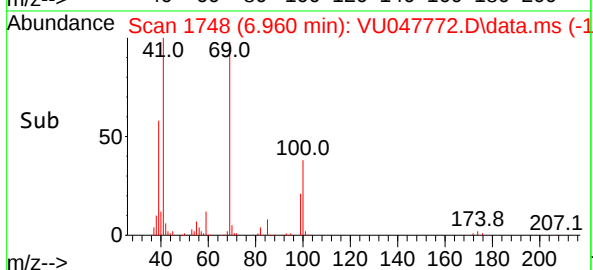
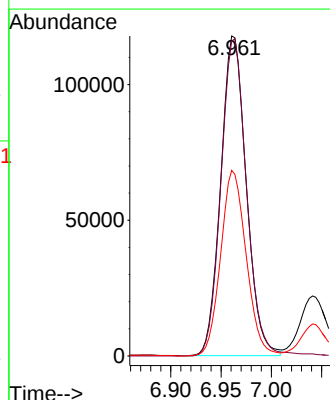
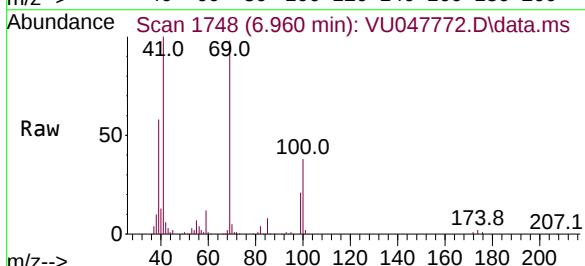
Tgt Ion: 41 Resp: 208427

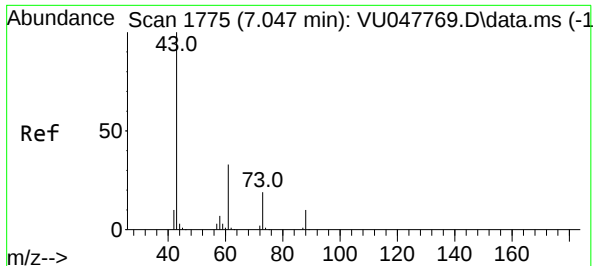
Ion Ratio Lower Upper

41 100

69 100.1 79.8 119.6

39 58.0 47.9 71.9





#49

1,4-Dioxane

Concen: 1041.184 ug/l

RT: 7.018 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

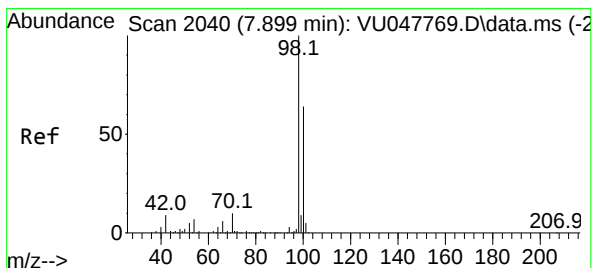
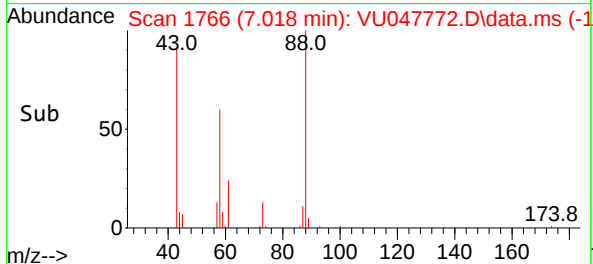
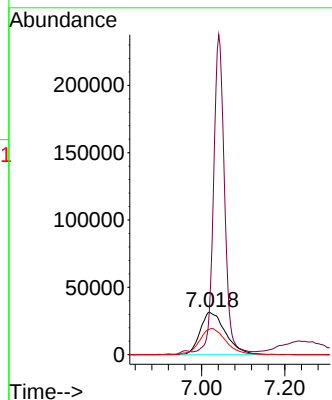
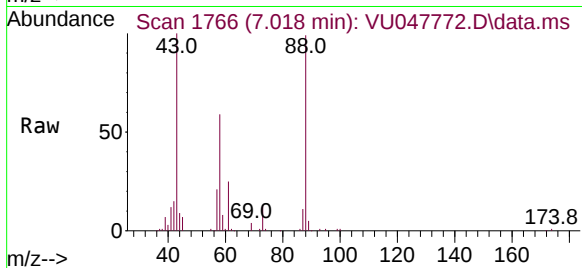
Tgt Ion: 88 Resp: 133758

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.6 15.4 23.0#



#50

Toluene-d8

Concen: 48.145 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU047772.D

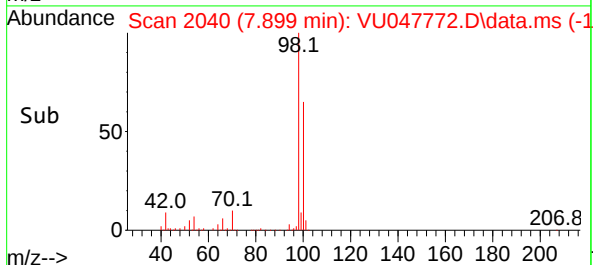
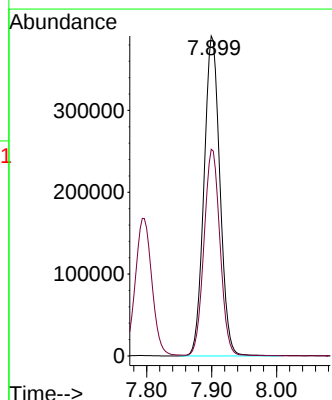
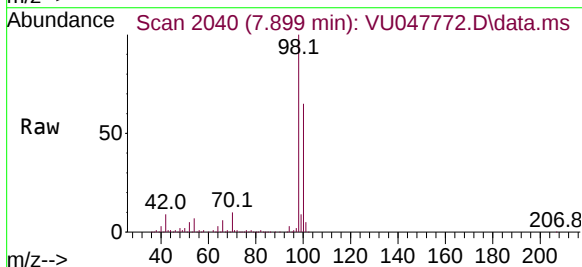
Acq: 31 Mar 2022 14:06

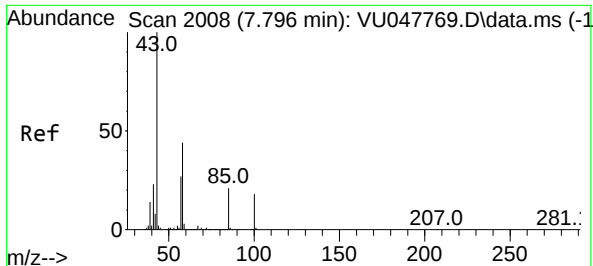
Tgt Ion: 98 Resp: 667780

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 241.354 ug/l

RT: 7.793 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

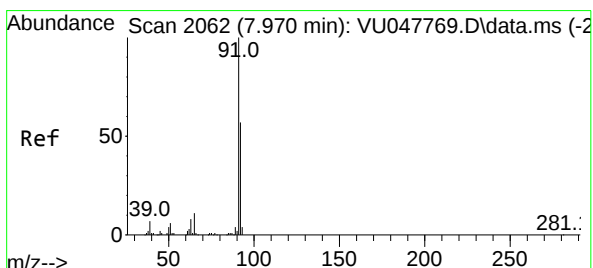
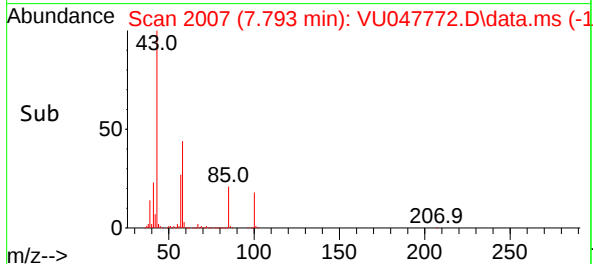
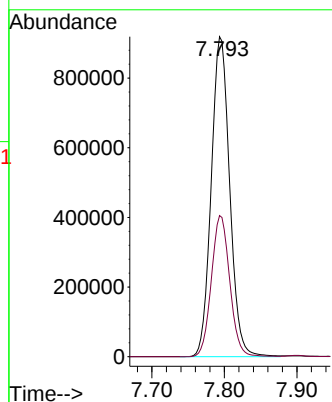
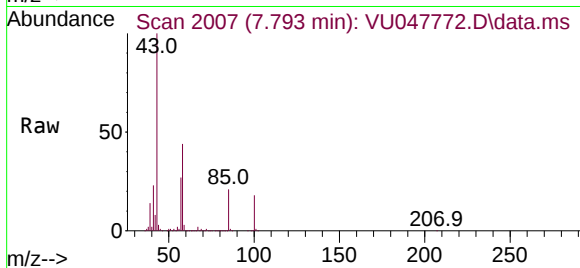
ICVVU033122

Tgt Ion: 43 Resp: 1622839

Ion Ratio Lower Upper

43 100

58 44.0 34.7 52.1



#52

Toluene

Concen: 48.744 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047772.D

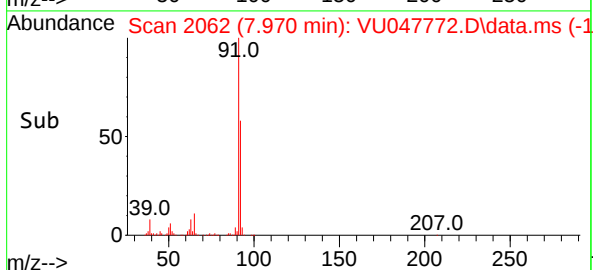
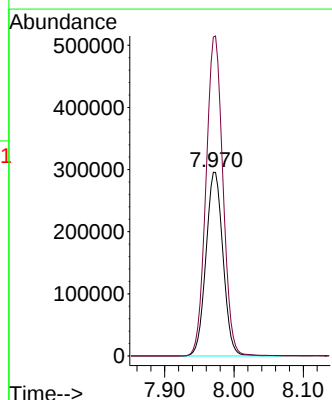
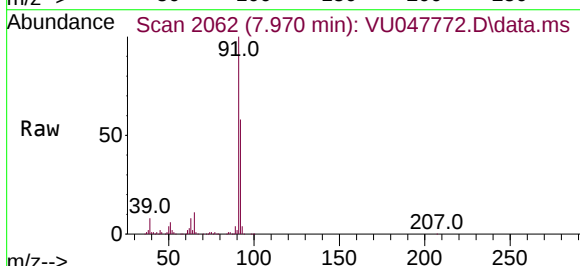
Acq: 31 Mar 2022 14:06

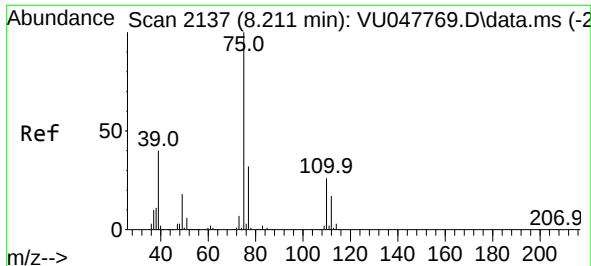
Tgt Ion: 92 Resp: 503649

Ion Ratio Lower Upper

92 100

91 173.2 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 48.269 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

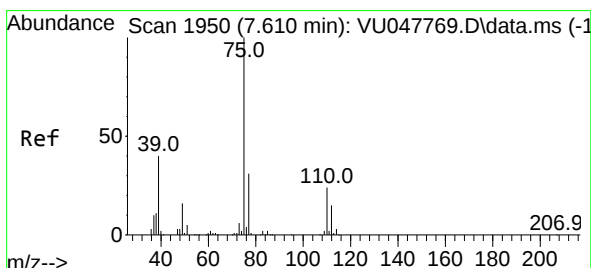
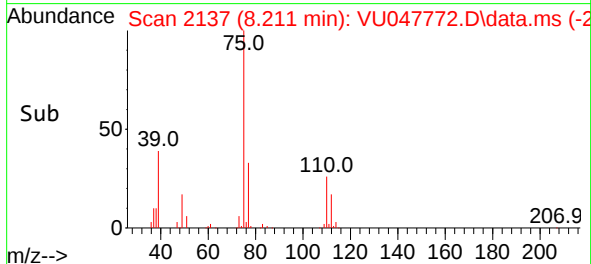
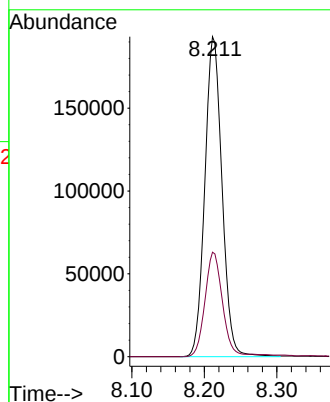
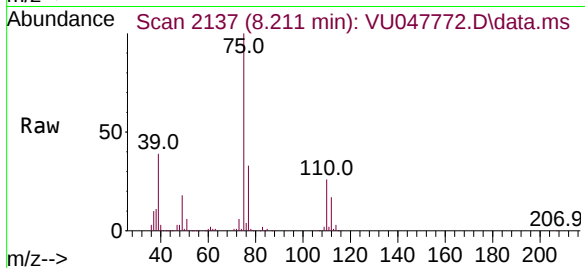
ICVVU033122

Tgt Ion: 75 Resp: 318142

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.638 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

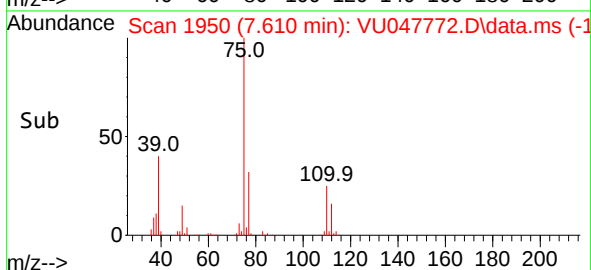
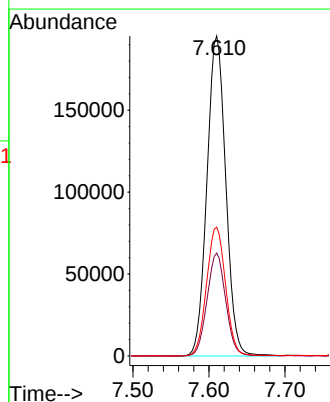
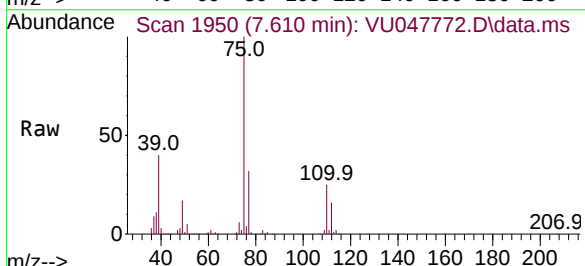
Tgt Ion: 75 Resp: 336034

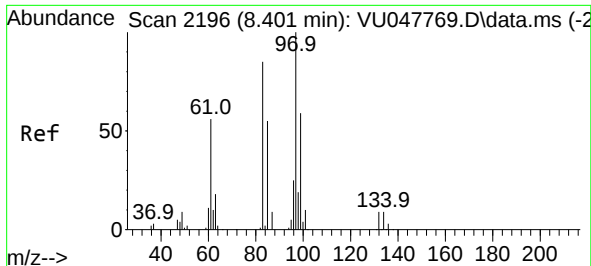
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

39 40.2 33.0 49.6

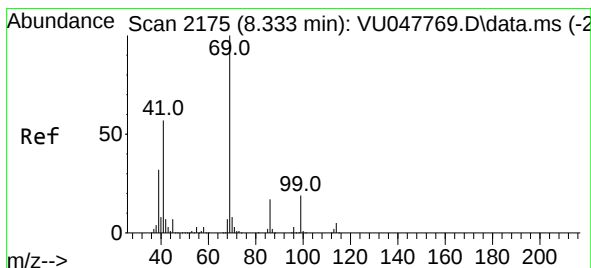
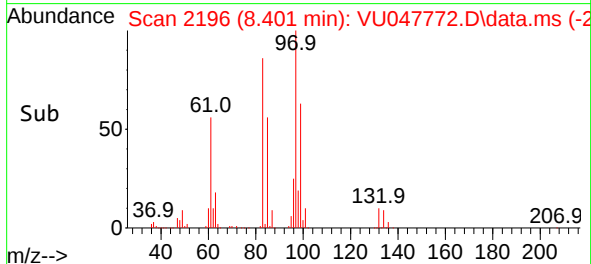
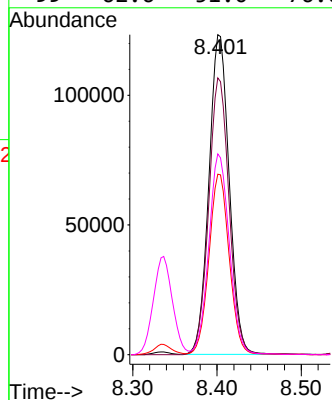
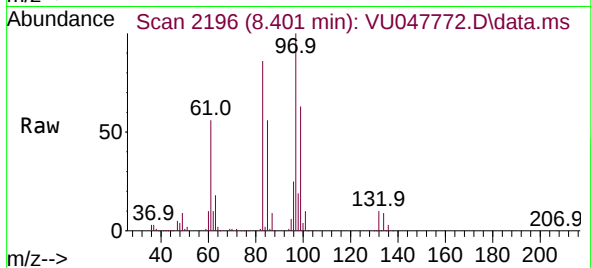




#55
1,1,2-Trichloroethane
Concen: 46.754 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

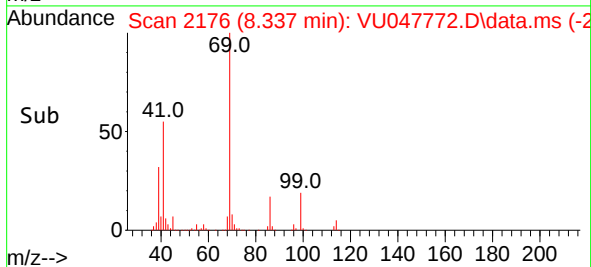
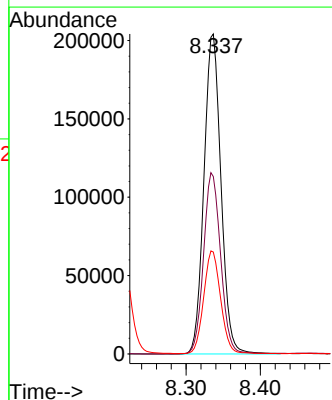
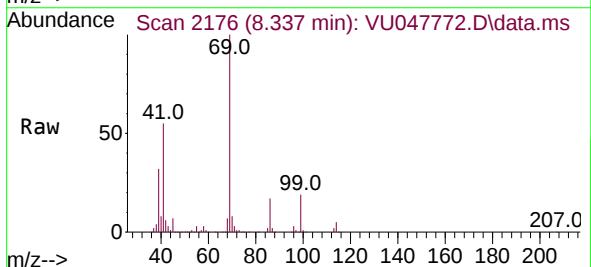
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

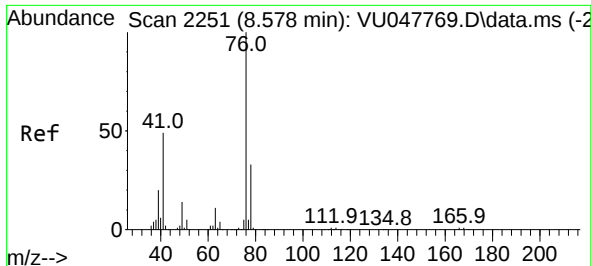
Tgt Ion:	97	Resp:	206616
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.4
85	56.3	44.6	66.8
99	62.6	51.0	76.6



#56
Ethyl methacrylate
Concen: 51.196 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:	69	Resp:	324846
Ion	Ratio	Lower	Upper
69	100		
41	56.9	45.4	68.0
39	31.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 47.203 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

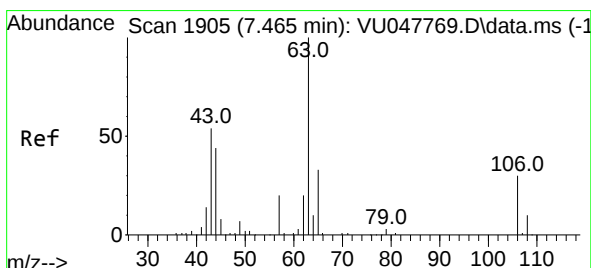
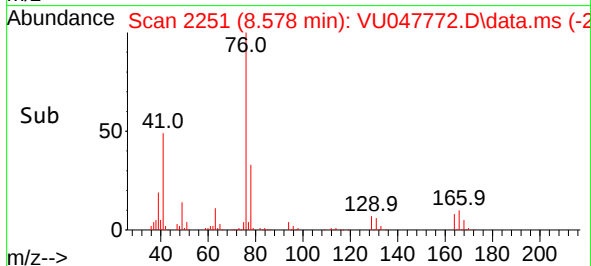
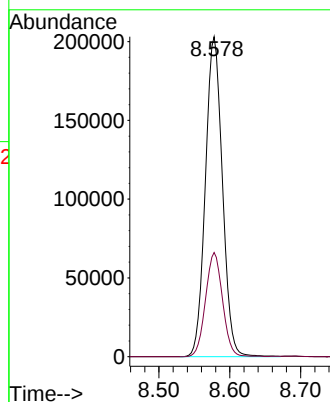
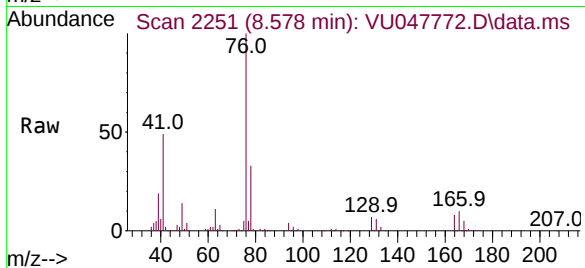
ICVVU033122

Tgt Ion: 76 Resp: 339421

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 249.500 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU047772.D

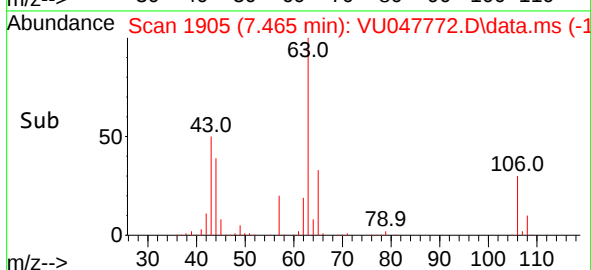
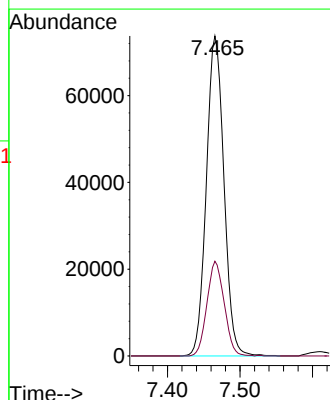
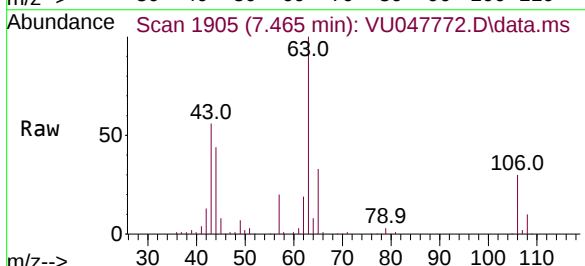
Acq: 31 Mar 2022 14:06

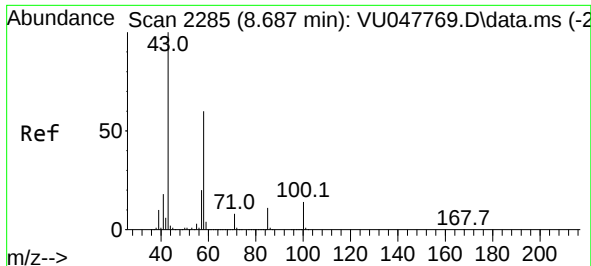
Tgt Ion: 63 Resp: 124251

Ion Ratio Lower Upper

63 100

106 29.0 23.1 34.7

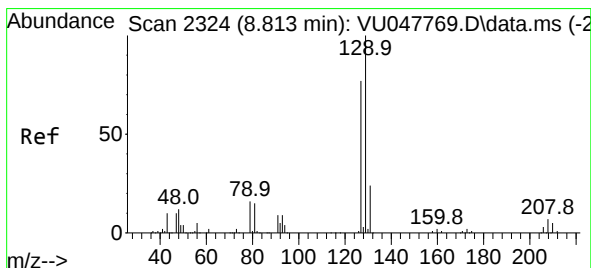
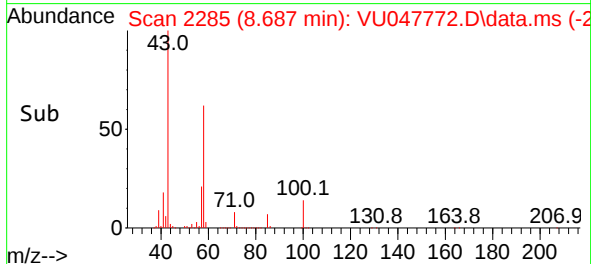
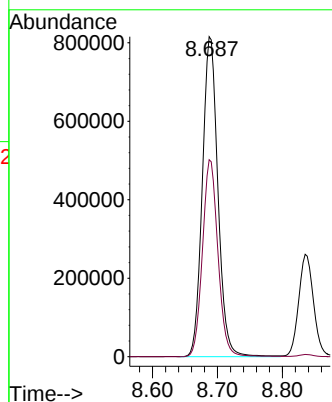
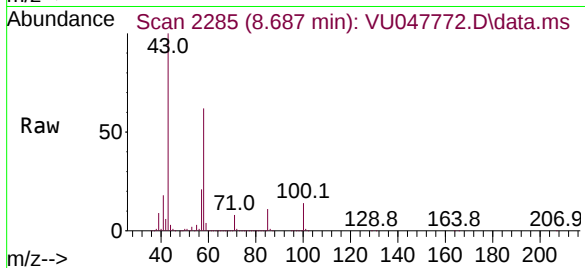




#59
2-Hexanone
Concen: 246.618 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

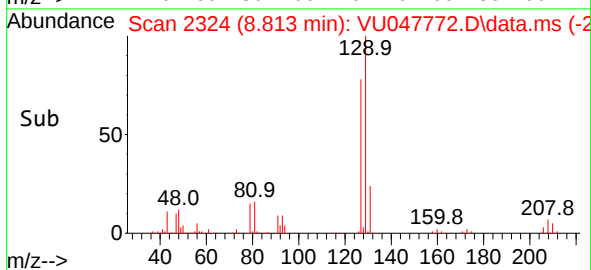
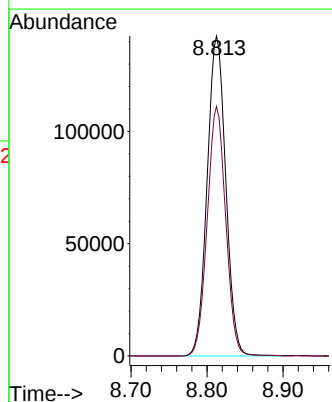
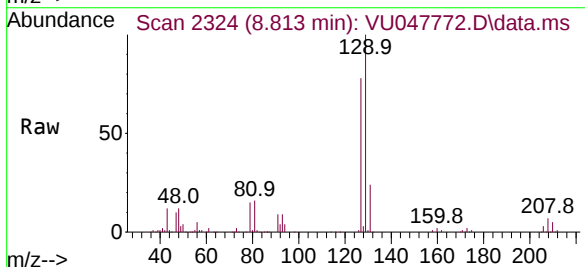
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

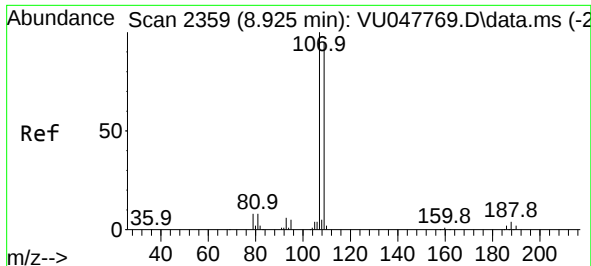
Tgt Ion: 43 Resp: 1359933
Ion Ratio Lower Upper
43 100
58 61.3 30.3 90.8



#60
Dibromochloromethane
Concen: 47.713 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 129 Resp: 242141
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

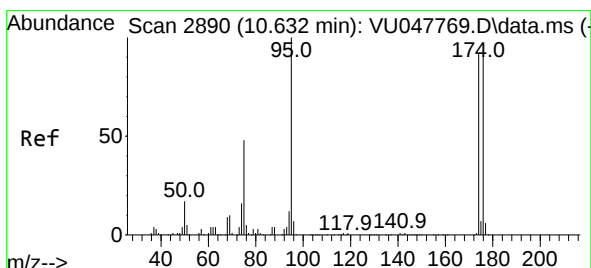
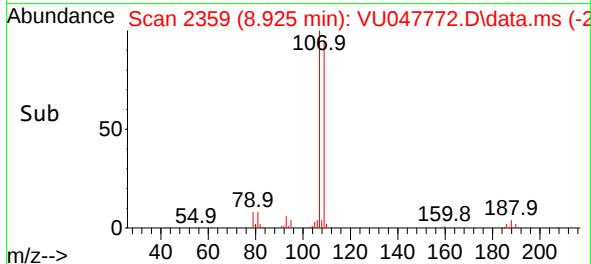
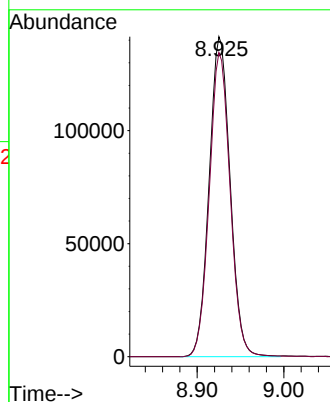
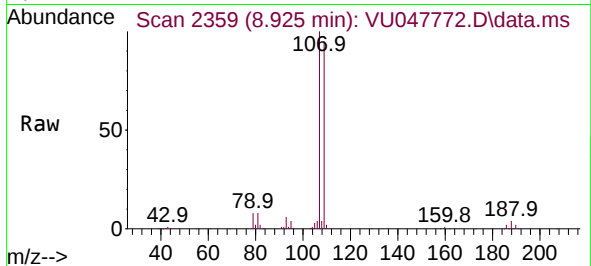




#61
1,2-Dibromoethane
Concen: 47.427 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

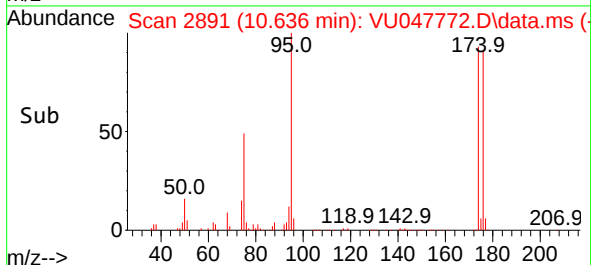
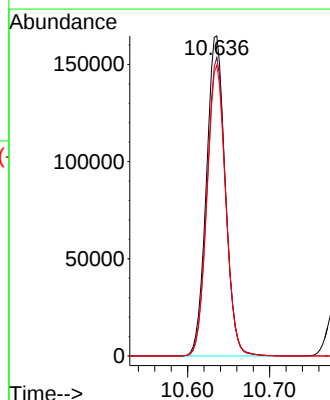
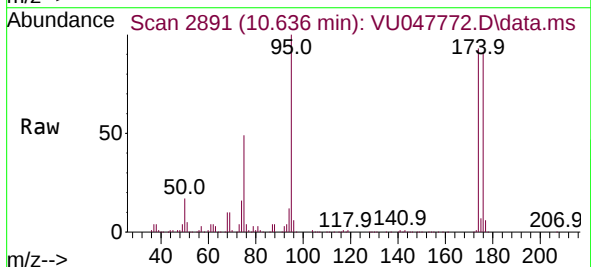
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

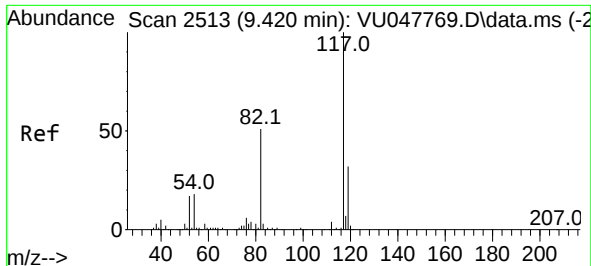
Tgt Ion:107 Resp: 237952
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 48.653 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 95 Resp: 262815
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 90.0 0.0 177.8

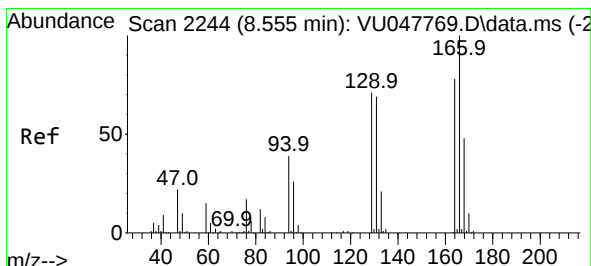
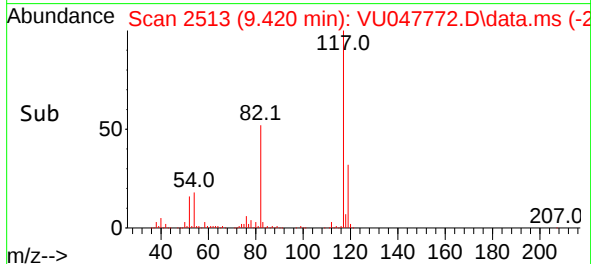
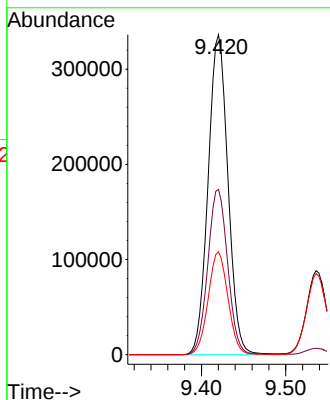
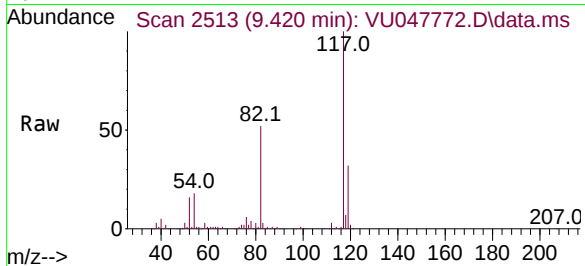




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

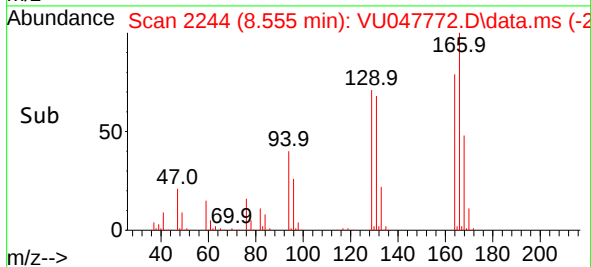
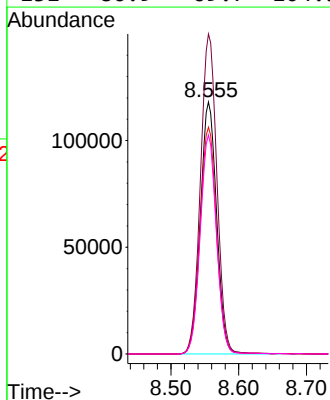
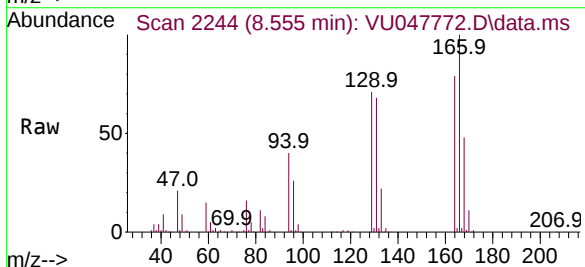
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

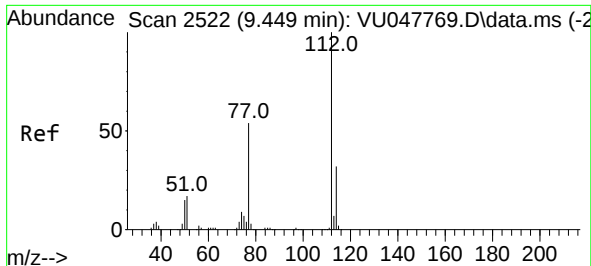
Tgt Ion:117 Resp: 550885
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 48.462 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:164 Resp: 197438
Ion Ratio Lower Upper
164 100
166 127.0 100.0 150.0
129 90.0 72.0 108.0
131 86.9 69.7 104.5

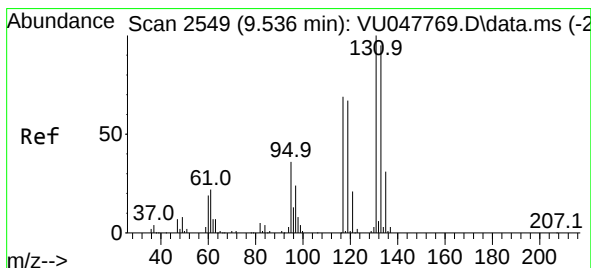
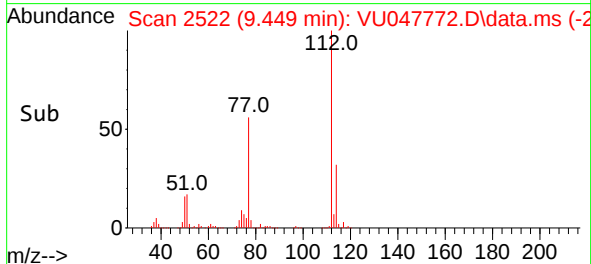
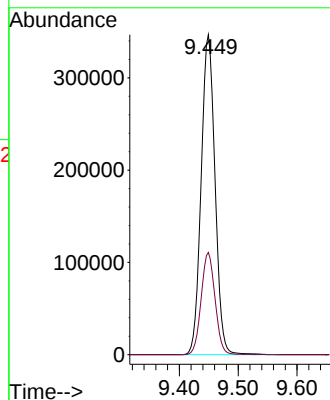
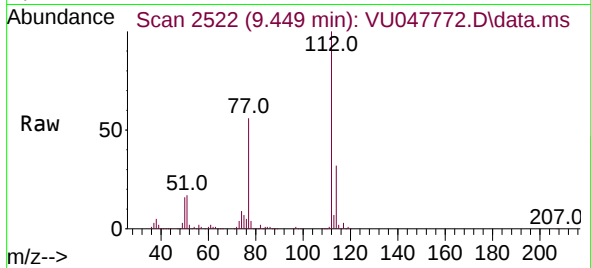




#65
Chlorobenzene
Concen: 48.353 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

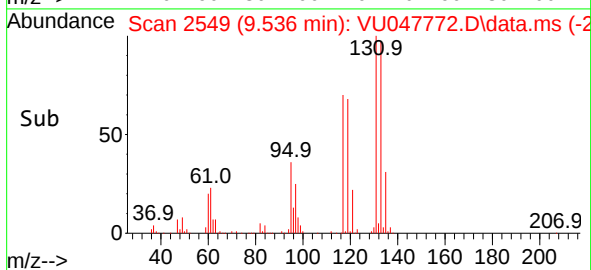
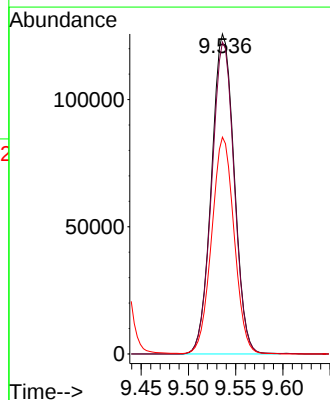
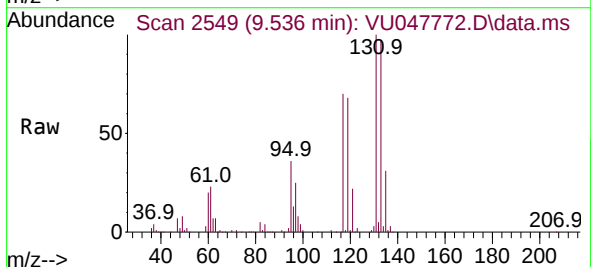
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

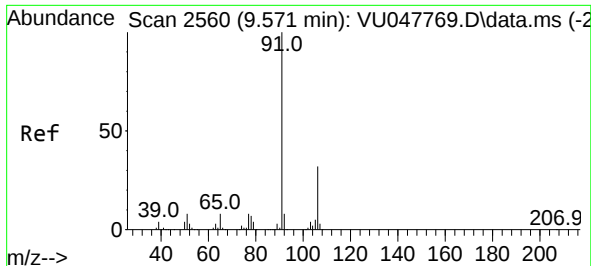
Tgt Ion:112 Resp: 568021
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.593 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:131 Resp: 210257
Ion Ratio Lower Upper
131 100
133 96.7 48.4 145.0
119 67.1 33.9 101.6

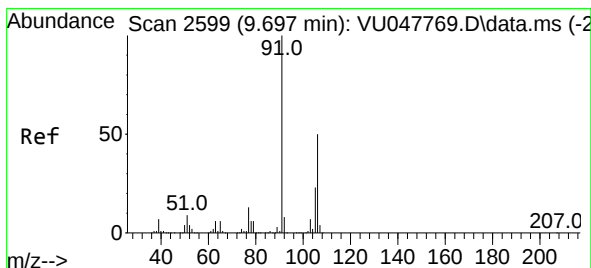
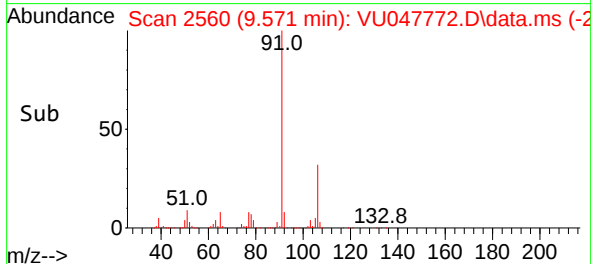
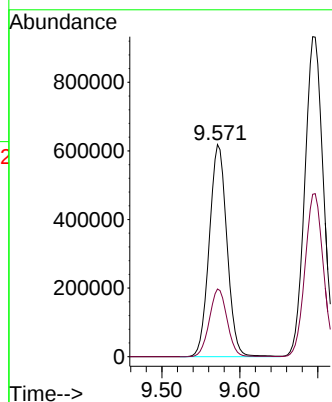
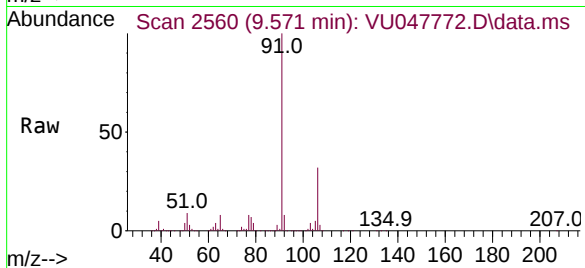




#67
Ethyl Benzene
Concen: 50.673 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

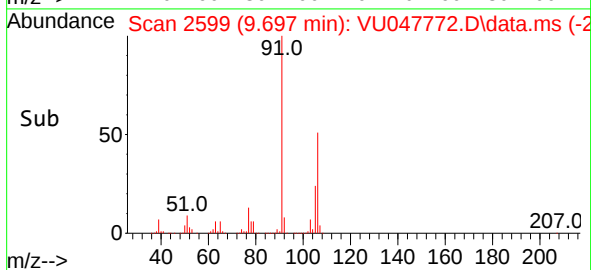
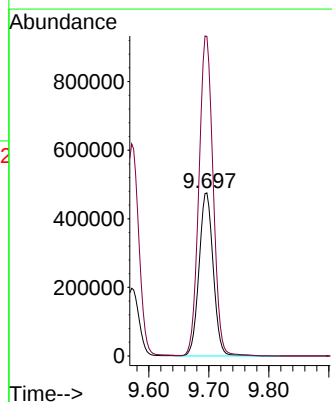
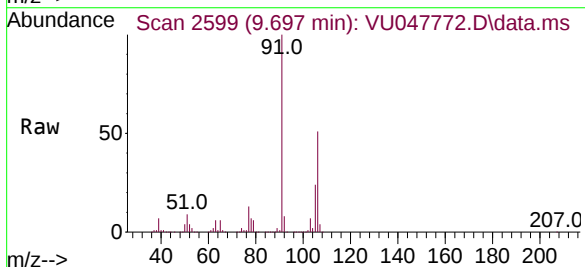
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

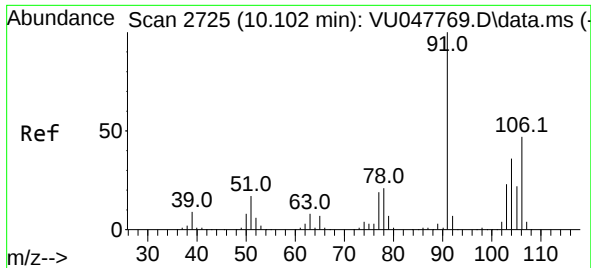
Tgt Ion: 91 Resp: 974690
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 103.497 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:106 Resp: 782794
Ion Ratio Lower Upper
106 100
91 196.8 157.2 235.8

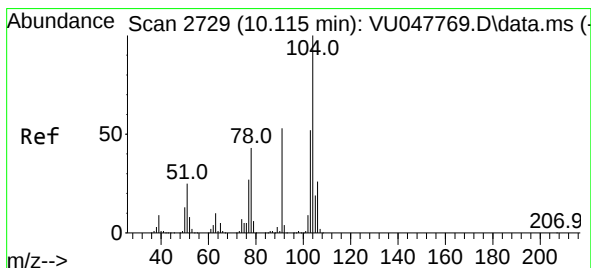
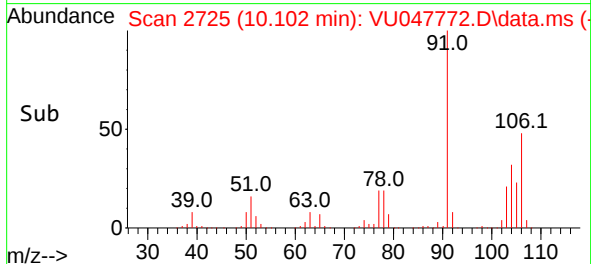
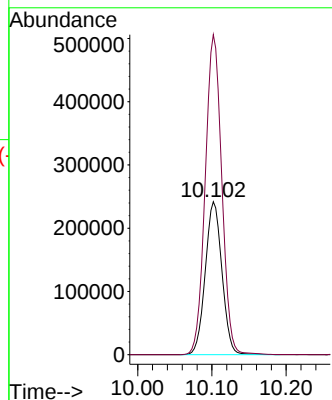
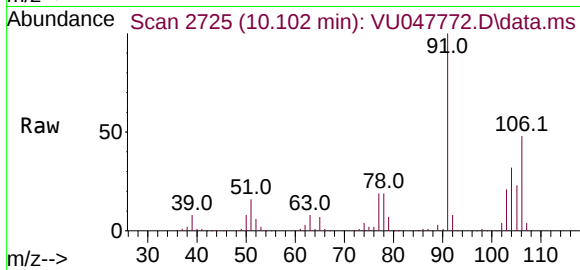




#69
o-Xylene
Concen: 51.960 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

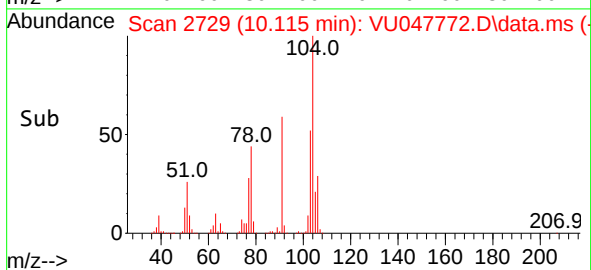
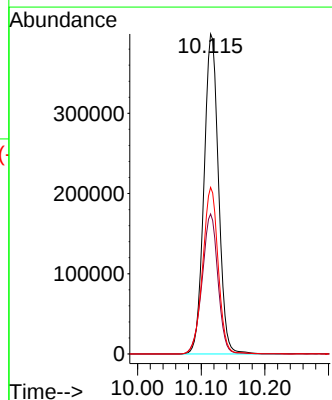
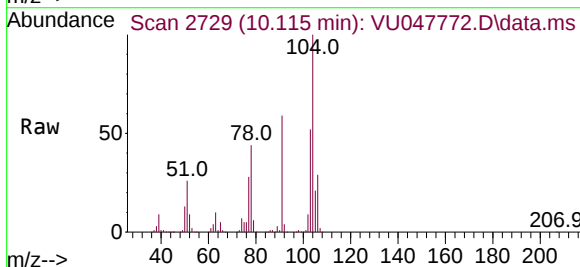
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

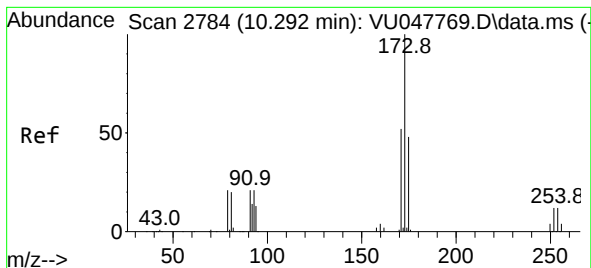
Tgt Ion:106 Resp: 376342
Ion Ratio Lower Upper
106 100
91 208.0 103.5 310.5



#70
Styrene
Concen: 52.599 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:104 Resp: 632838
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 55.4 43.9 65.9





#71

Bromoform

Concen: 49.268 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

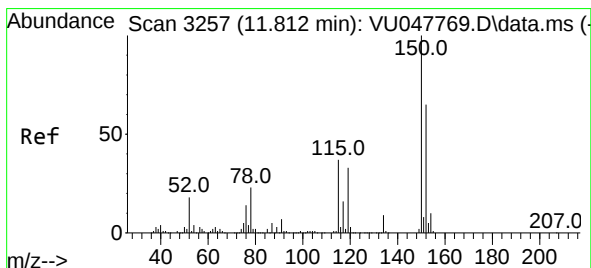
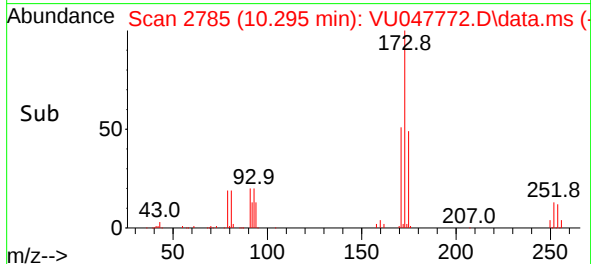
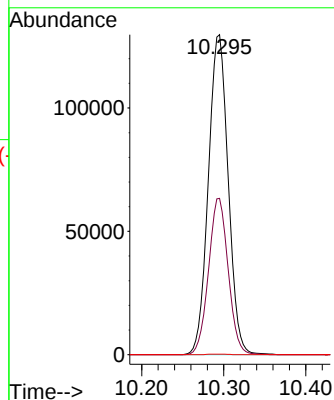
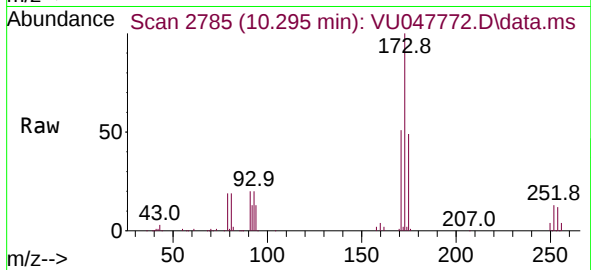
Tgt Ion:173 Resp: 217906

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

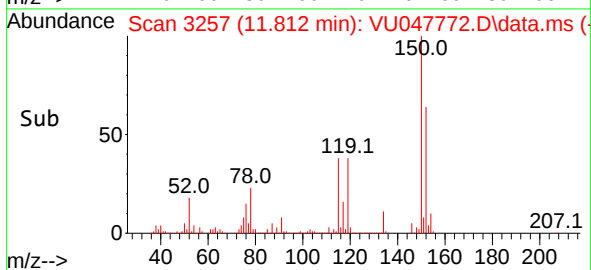
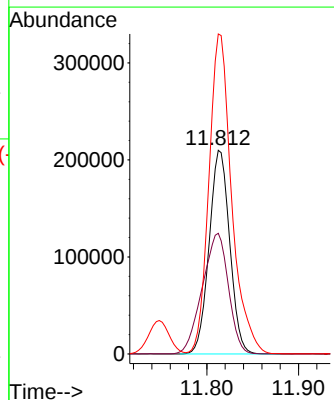
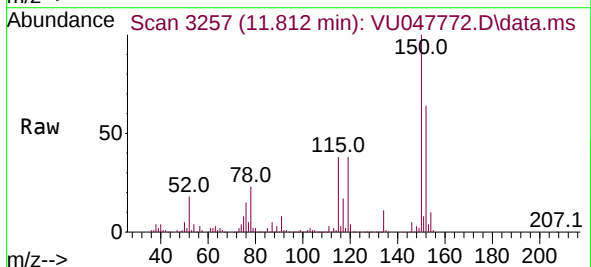
Tgt Ion:152 Resp: 327113

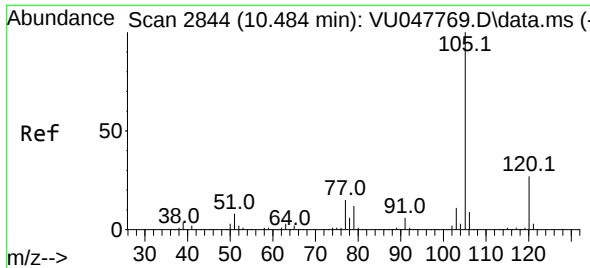
Ion Ratio Lower Upper

152 100

115 74.9 37.0 110.9

150 173.7 0.0 342.2

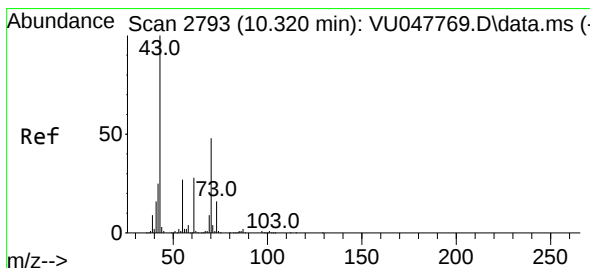
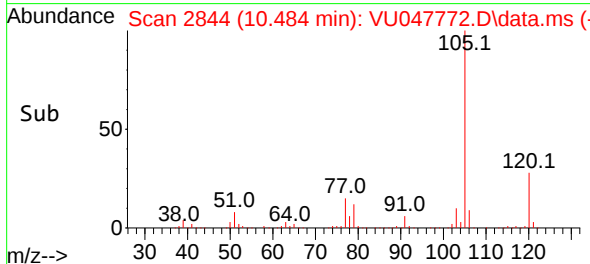
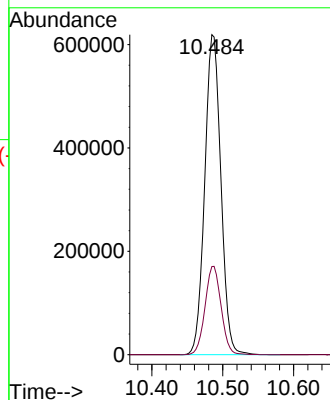
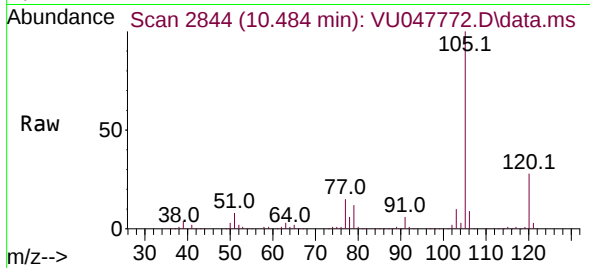




#73
Isopropylbenzene
Concen: 51.131 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

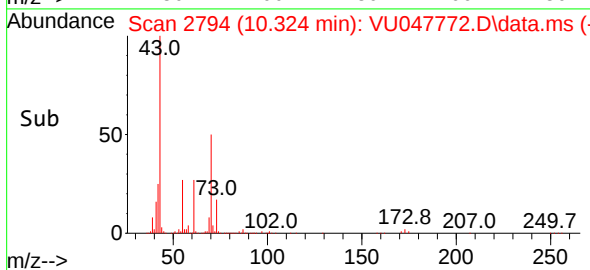
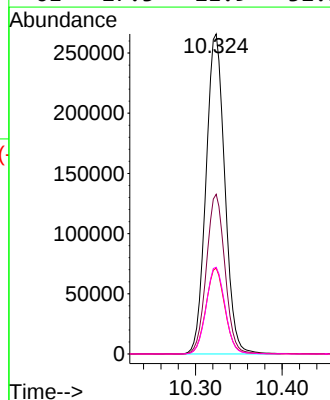
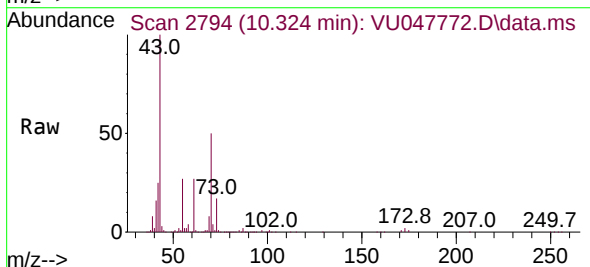
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

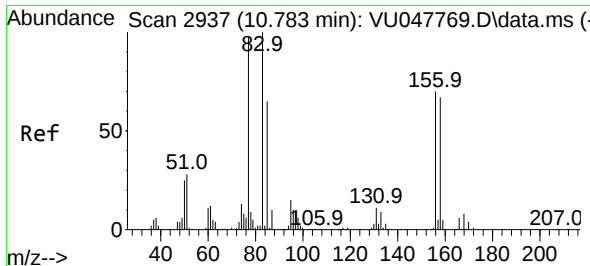
Tgt Ion:105 Resp: 978174
Ion Ratio Lower Upper
105 100
120 27.5 13.8 41.4



#74
N-ethyl acetate
Concen: 53.074 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 43 Resp: 401289
Ion Ratio Lower Upper
43 100
70 49.3 38.7 58.1
55 27.2 21.8 32.8
61 27.3 21.9 32.9

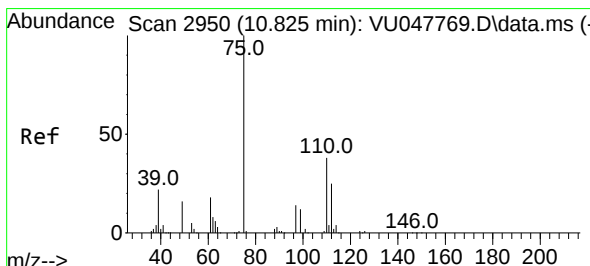
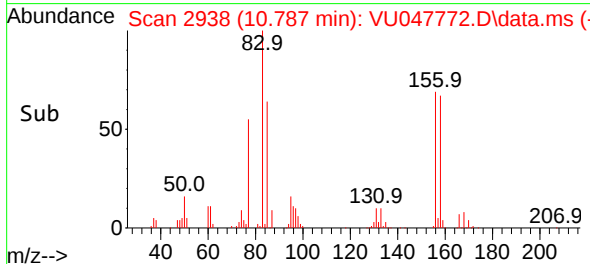
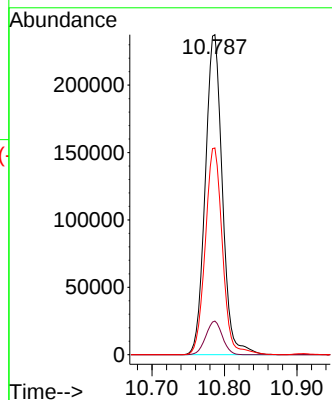
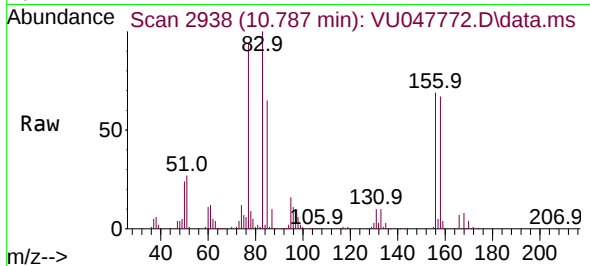




#75
1,1,2,2-Tetrachloroethane
Concen: 48.591 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

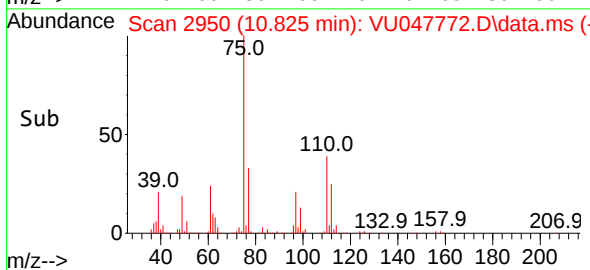
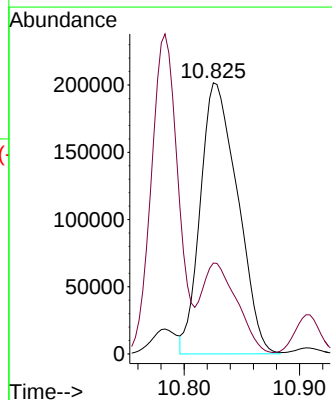
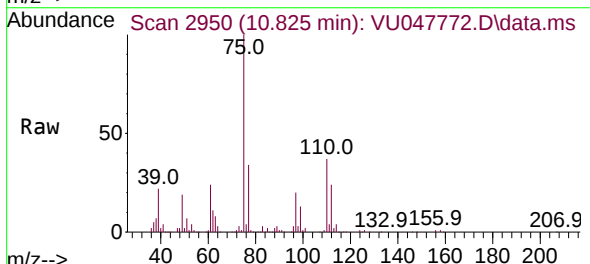
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

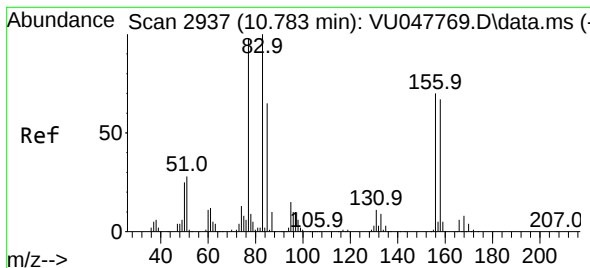
Tgt Ion: 83 Resp: 388155
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 65.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 49.247 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 75 Resp: 450961
Ion Ratio Lower Upper
75 100
77 31.5 15.8 47.3





#77

Bromobenzene

Concen: 49.976 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

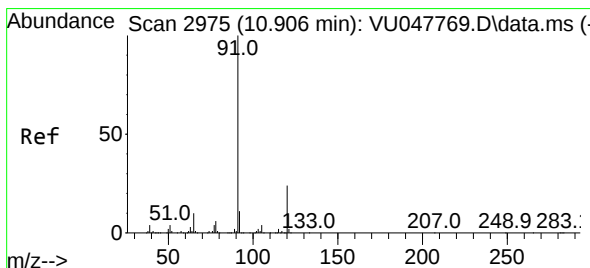
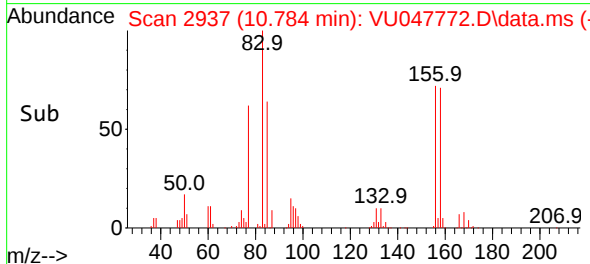
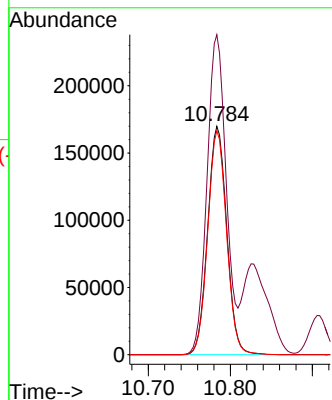
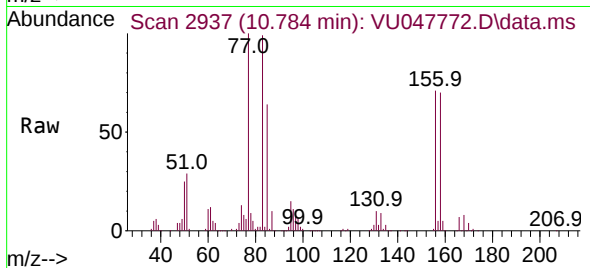
Tgt Ion:156 Resp: 274748

Ion Ratio Lower Upper

156 100

77 140.7 71.9 215.6

158 96.8 48.9 146.8



#78

n-propylbenzene

Concen: 51.817 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU047772.D

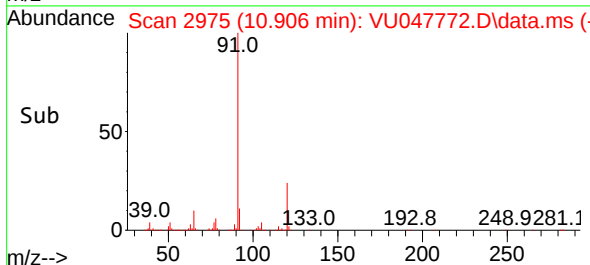
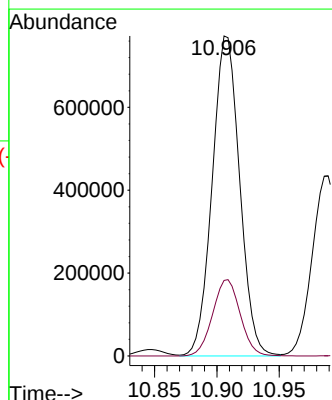
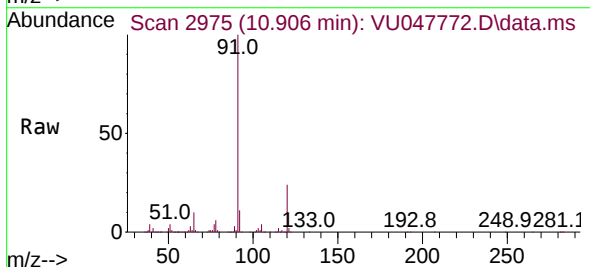
Acq: 31 Mar 2022 14:06

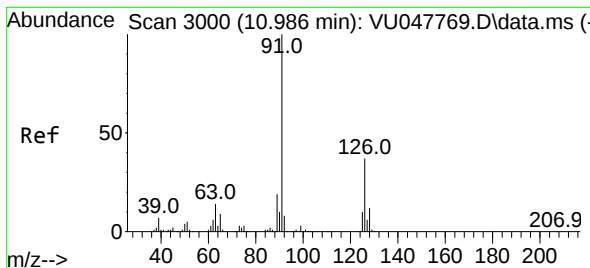
Tgt Ion: 91 Resp: 1184351

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.465 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

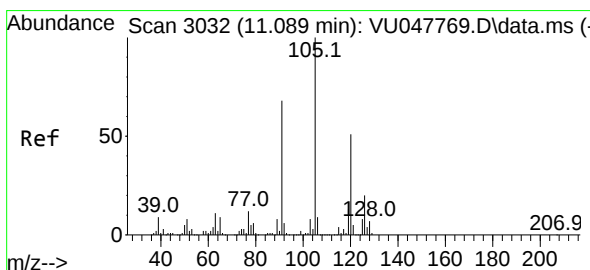
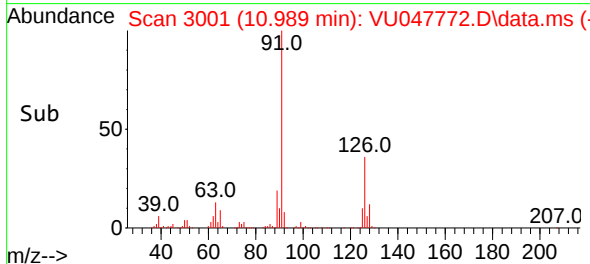
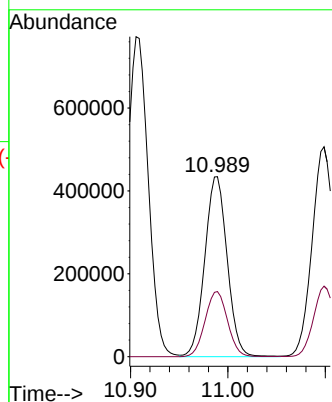
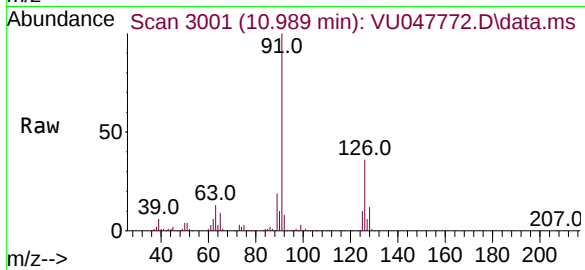
ICVVU033122

Tgt Ion: 91 Resp: 693094

Ion Ratio Lower Upper

91 100

126 36.2 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 52.104 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047772.D

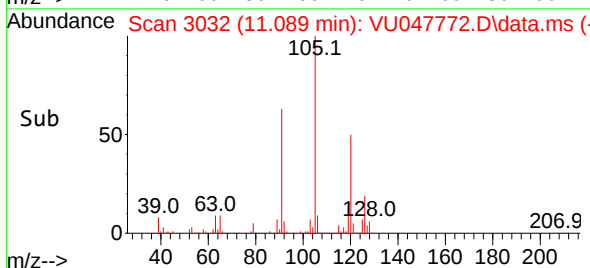
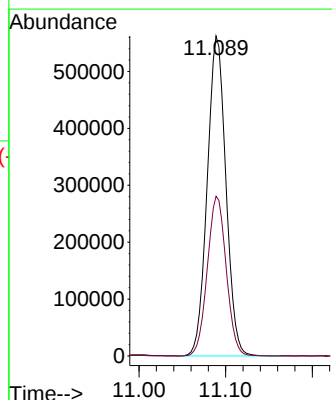
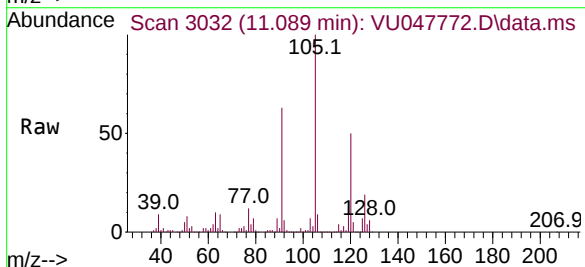
Acq: 31 Mar 2022 14:06

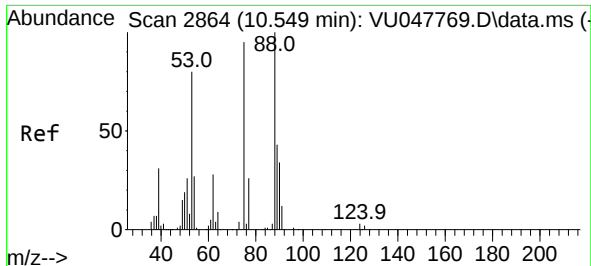
Tgt Ion: 105 Resp: 840490

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9

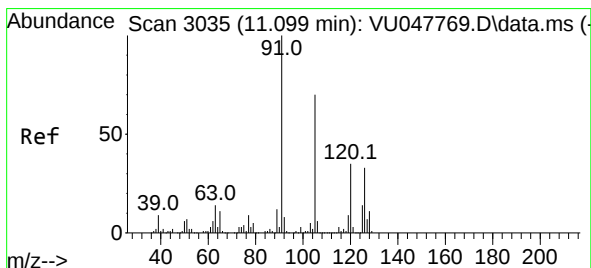
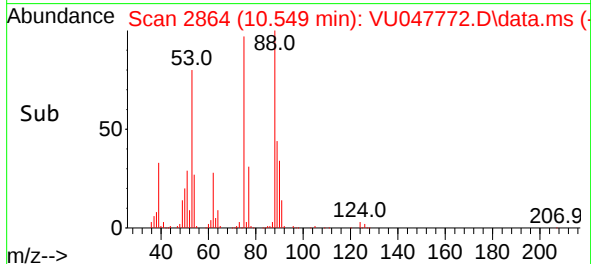
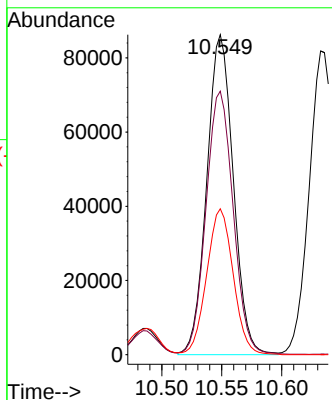
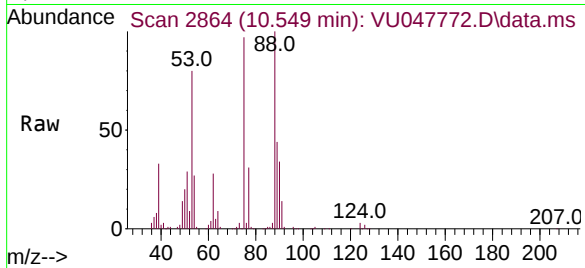




#81
trans-1,4-Dichloro-2-butene
Concen: 51.527 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

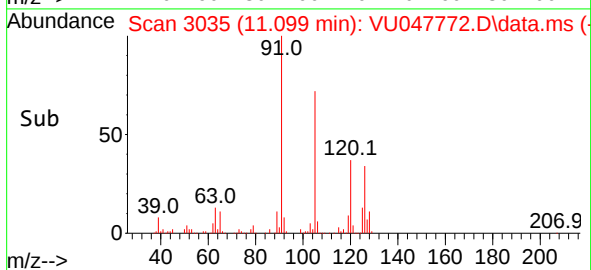
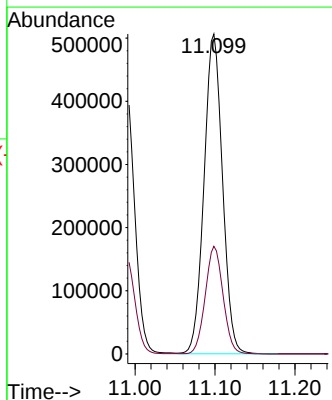
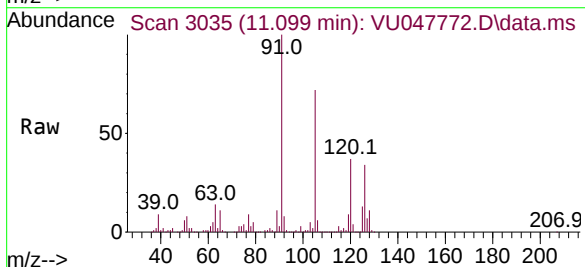
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

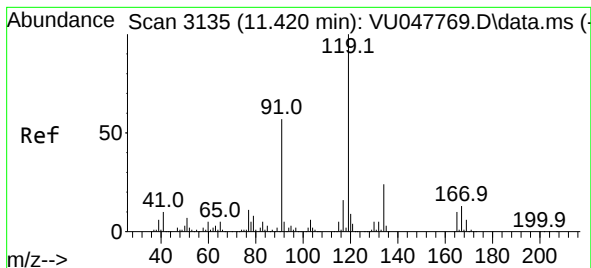
Tgt Ion: 75 Resp: 132561
Ion Ratio Lower Upper
75 100
53 84.5 69.2 103.8
89 45.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.958 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 91 Resp: 813068
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 50.970 ug/l

RT: 11.423 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

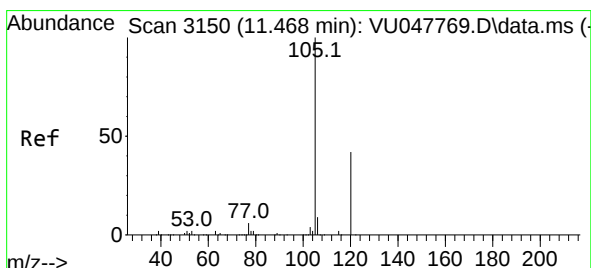
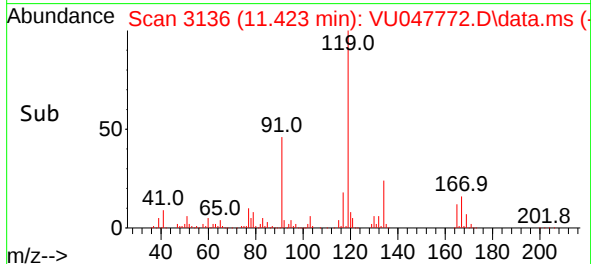
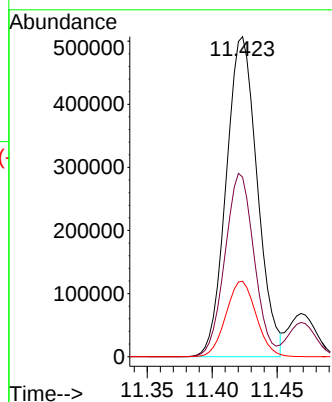
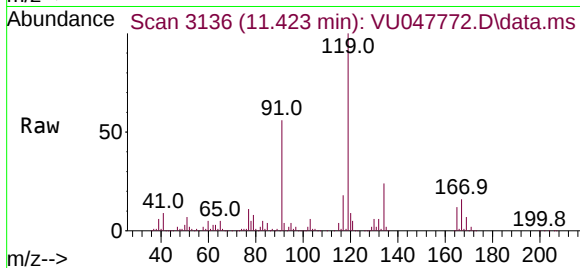
Tgt Ion:119 Resp: 845284

Ion Ratio Lower Upper

119 100

91 53.7 26.8 80.3

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 52.051 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047772.D

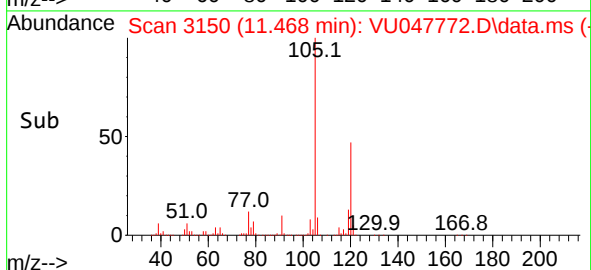
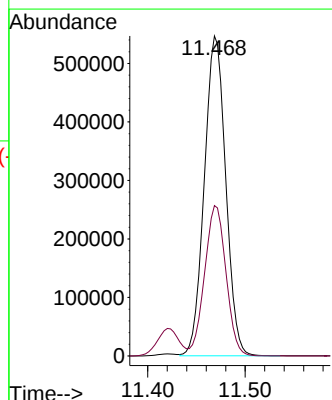
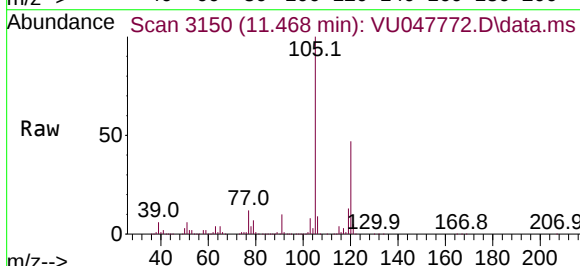
Acq: 31 Mar 2022 14:06

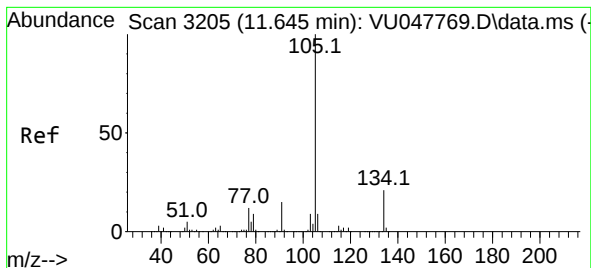
Tgt Ion:105 Resp: 834377

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 52.409 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

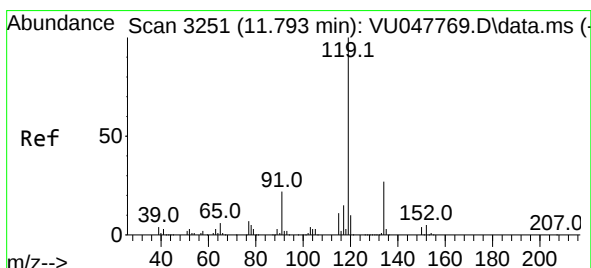
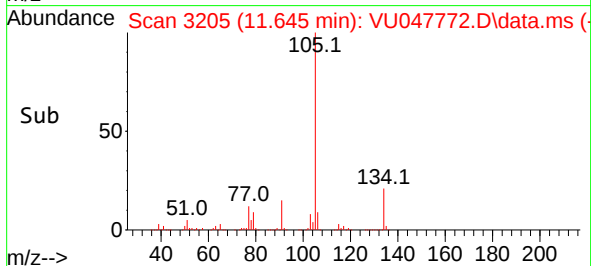
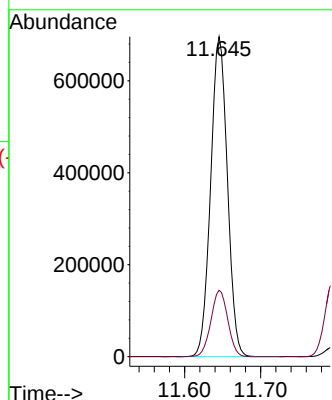
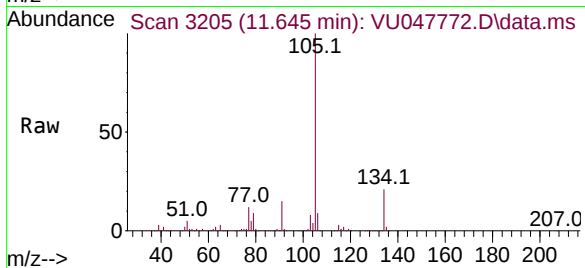
ICVVU033122

Tgt Ion:105 Resp: 1060845

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.964 ug/l

RT: 11.796 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

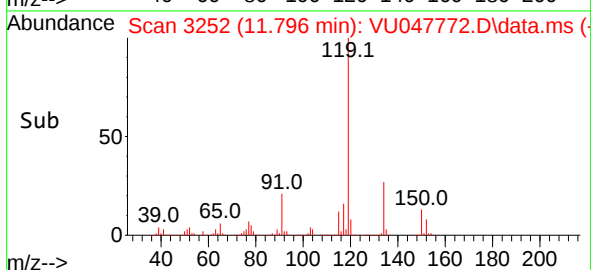
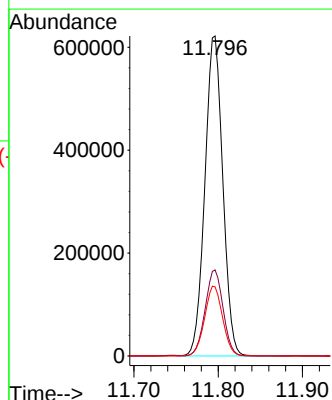
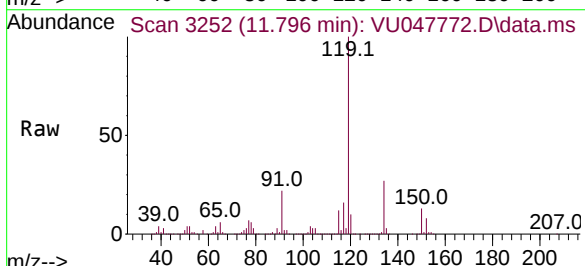
Tgt Ion:119 Resp: 919139

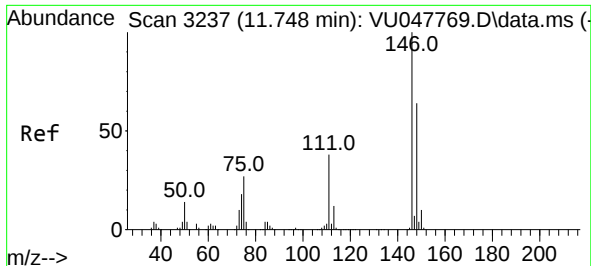
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 21.9 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.547 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

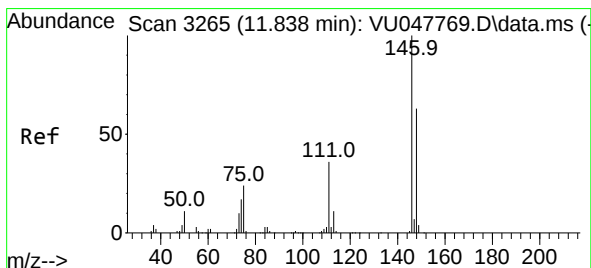
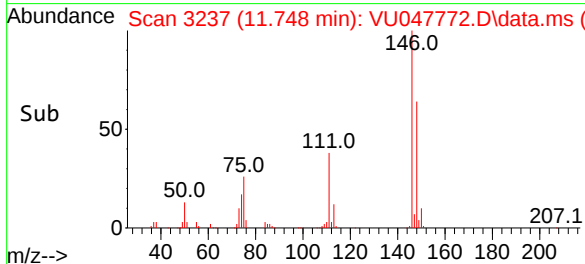
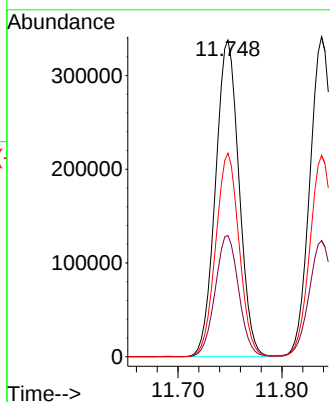
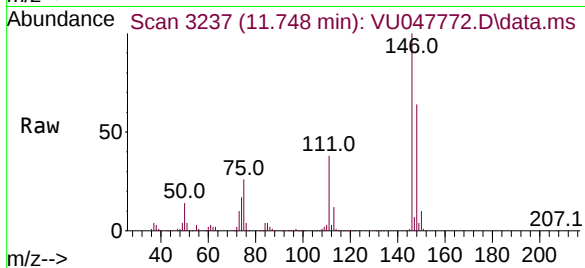
Tgt Ion:146 Resp: 531348

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.5

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.779 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

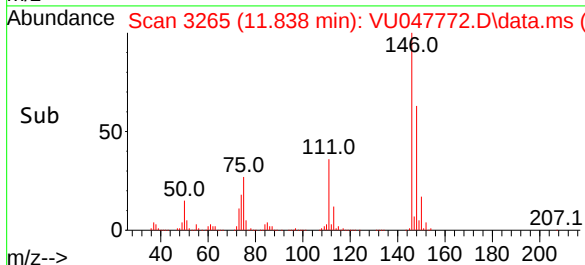
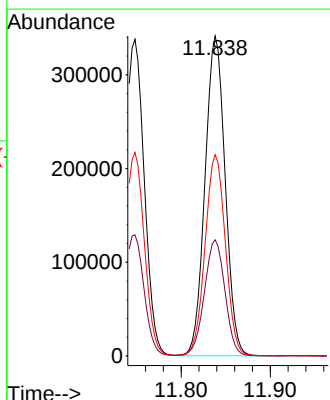
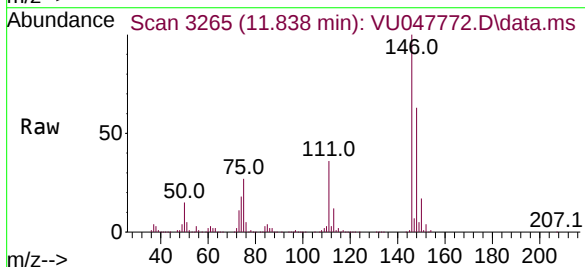
Tgt Ion:146 Resp: 535616

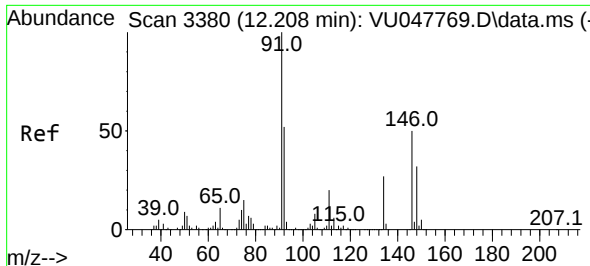
Ion Ratio Lower Upper

146 100

111 37.2 18.5 55.5

148 63.7 31.9 95.7

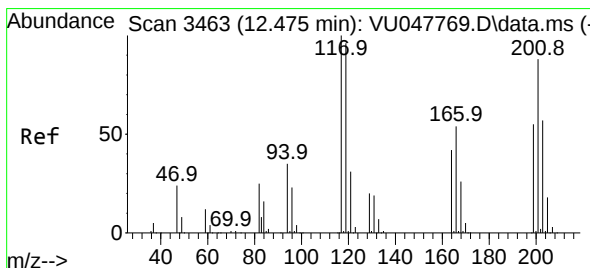
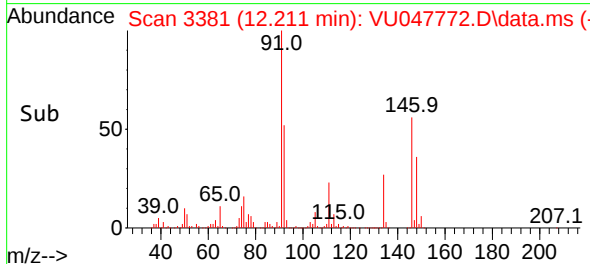
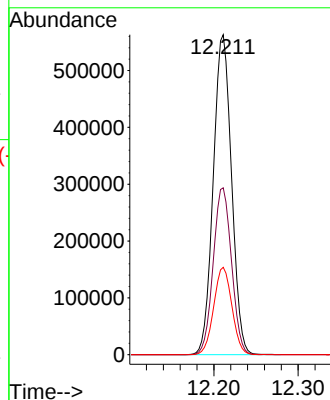
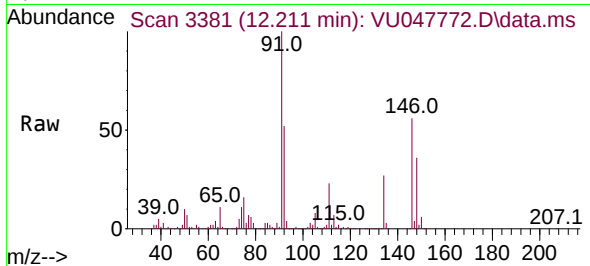




#89
n-Butylbenzene
Concen: 52.219 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

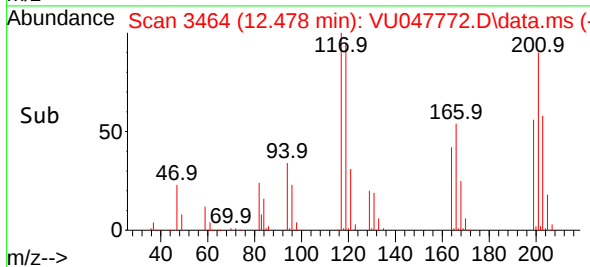
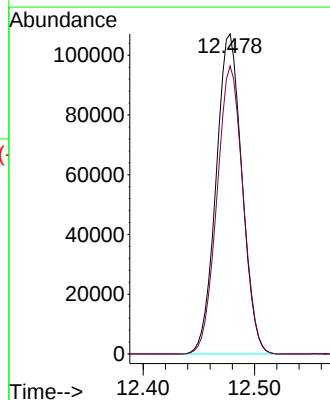
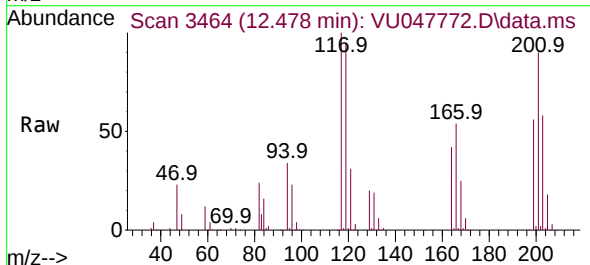
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

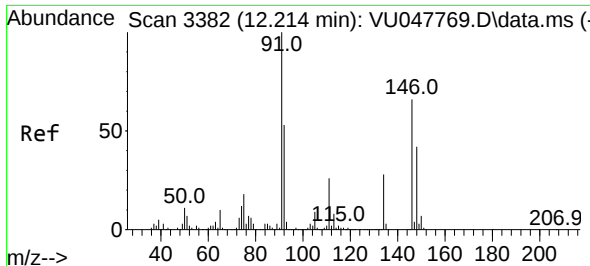
Tgt Ion: 91 Resp: 846870
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 27.2 13.5 40.4



#90
Hexachloroethane
Concen: 49.301 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 117 Resp: 173073
Ion Ratio Lower Upper
117 100
201 90.5 44.6 134.0

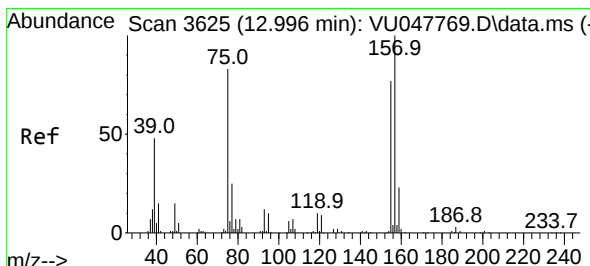
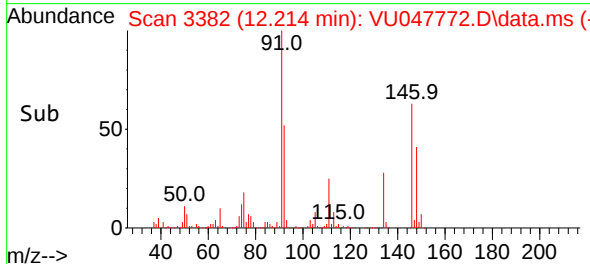
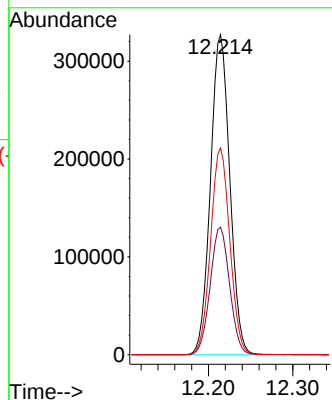
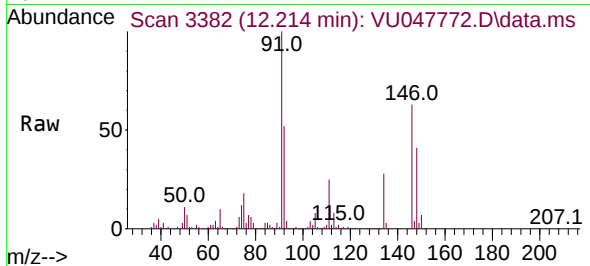




#91
1,2-Dichlorobenzene
Concen: 48.978 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

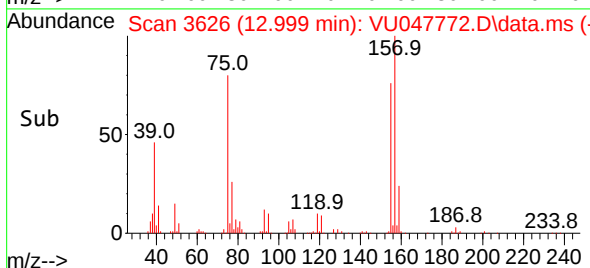
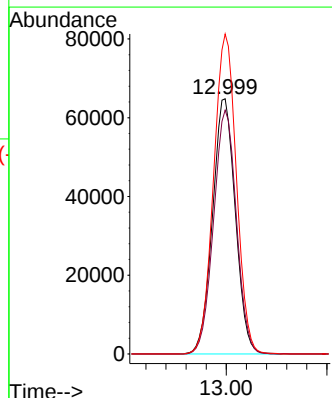
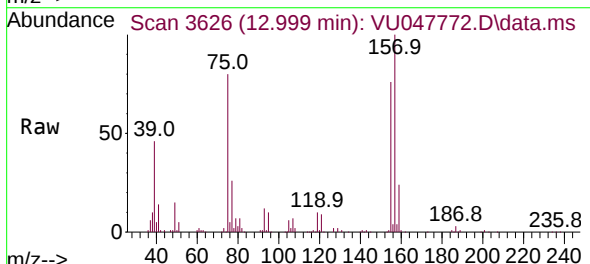
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

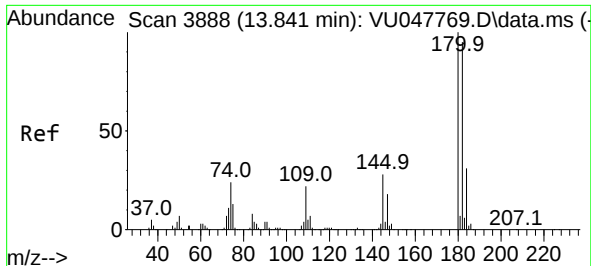
Tgt Ion:146 Resp: 520999
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.6
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.311 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion: 75 Resp: 102116
Ion Ratio Lower Upper
75 100
155 95.6 47.8 143.4
157 125.1 62.2 186.5

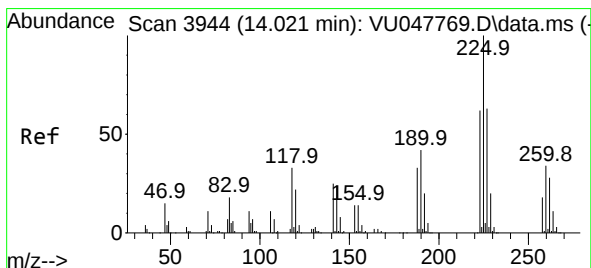
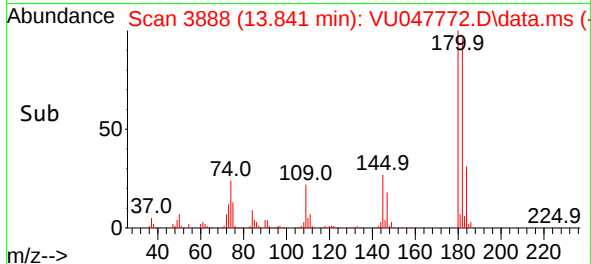
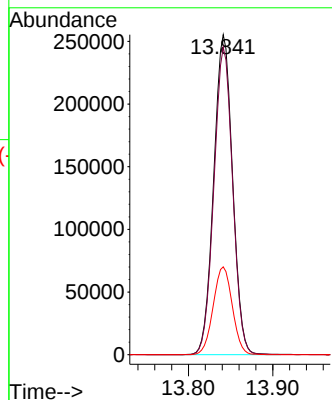
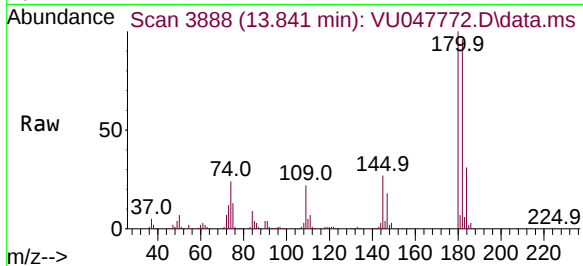




#93
1,2,4-Trichlorobenzene
Concen: 52.601 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

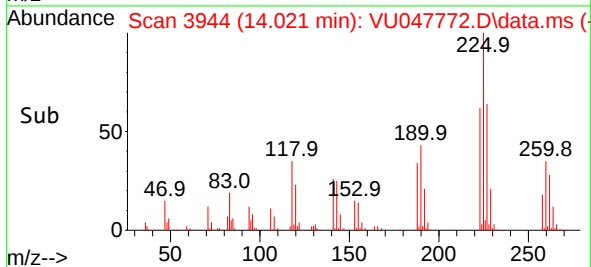
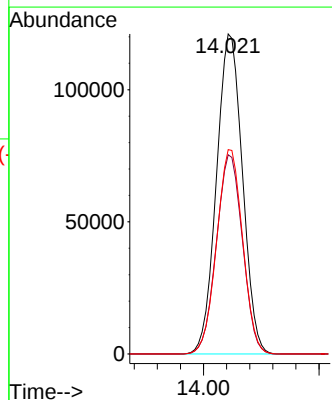
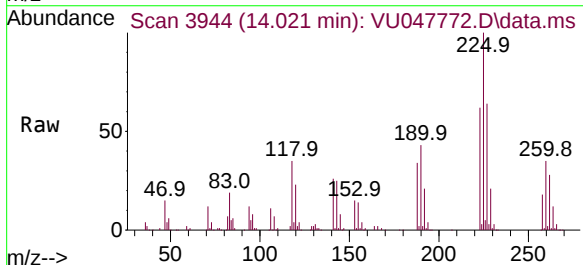
Instrument :
MSVOA_U
ClientSampleId :
ICVVU033122

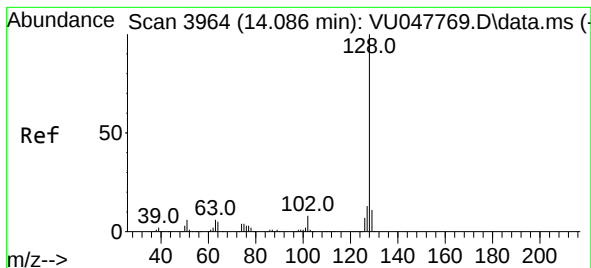
Tgt Ion:180 Resp: 396694
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 27.8 14.0 41.9



#94
Hexachlorobutadiene
Concen: 49.744 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047772.D
Acq: 31 Mar 2022 14:06

Tgt Ion:225 Resp: 189266
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.9
227 63.8 32.0 96.2





#95

Naphthalene

Concen: 57.911 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU033122

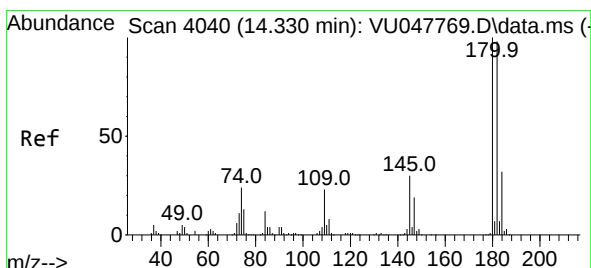
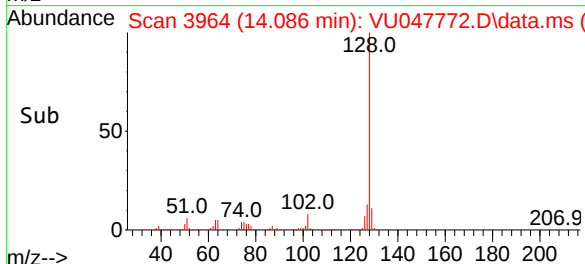
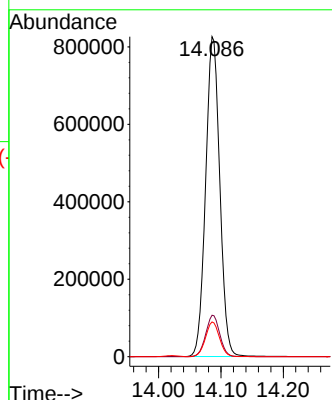
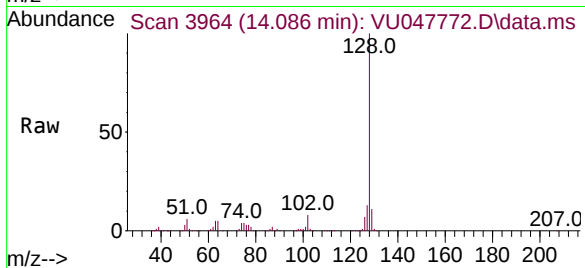
Tgt Ion:128 Resp: 1301414

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.158 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047772.D

Acq: 31 Mar 2022 14:06

Tgt Ion:180 Resp: 390967

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.0

145 28.9 14.8 44.4

