

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054332.D
 Acq On : 31 May 2023 12:40
 Operator : JC/MD
 Sample : VU0531WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

Quant Time: Jun 01 05:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	216874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	352950	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	339414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	179200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	149683	52.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.300%
35) Dibromofluoromethane	5.282	113	121080	53.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.540%
50) Toluene-d8	7.893	98	449290	51.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.940%
62) 4-Bromofluorobenzene	10.626	95	166313	49.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50374	20.807	ug/l	98
3) Chloromethane	1.520	50	67189	21.195	ug/l	97
4) Vinyl Chloride	1.604	62	65649	21.704	ug/l	100
5) Bromomethane	1.854	94	36494	21.796	ug/l	95
6) Chloroethane	1.928	64	34564	23.696	ug/l	100
7) Trichlorofluoromethane	2.134	101	84050	20.198	ug/l	98
8) Diethyl Ether	2.372	74	33259	21.590	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	47493	21.080	ug/l	96
10) Methyl Iodide	2.719	142	51756	20.614	ug/l	96
11) Tert butyl alcohol	3.215	59	81119	105.630	ug/l #	41
12) 1,1-Dichloroethene	2.575	96	46454	19.913	ug/l	96
13) Acrolein	2.485	56	71577	89.593	ug/l	95
14) Allyl chloride	2.919	41	85356	21.103	ug/l	86
15) Acrylonitrile	3.311	53	190489	110.633	ug/l	98
16) Acetone	2.629	43	171677	105.347	ug/l	99
17) Carbon Disulfide	2.790	76	132393	19.203	ug/l	99
18) Methyl Acetate	2.944	43	129645	21.788	ug/l	94
19) Methyl tert-butyl Ether	3.359	73	157764	20.660	ug/l	94
20) Methylene Chloride	3.044	84	58512	19.902	ug/l #	94
21) trans-1,2-Dichloroethene	3.346	96	51048	20.439	ug/l	95
22) Diisopropyl ether	3.983	45	161233	22.490	ug/l	87
23) Vinyl Acetate	3.948	43	576314	110.169	ug/l	97
24) 1,1-Dichloroethane	3.864	63	97328	21.202	ug/l	97
25) 2-Butanone	4.700	43	239941	111.206	ug/l	95
26) 2,2-Dichloropropane	4.658	77	82937	20.674	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	57003	20.517	ug/l	93
28) Bromochloromethane	4.964	49	45047	21.206	ug/l	82
29) Tetrahydrofuran	5.047	42	149640	110.334	ug/l	92
30) Chloroform	5.083	83	98008	21.003	ug/l	100
31) Cyclohexane	5.382	56	83713	20.853	ug/l	93
32) 1,1,1-Trichloroethane	5.308	97	84238	20.794	ug/l	97
36) 1,1-Dichloropropene	5.520	75	68793	19.270	ug/l	98
37) Ethyl Acetate	4.796	43	85563	19.666	ug/l #	93
38) Carbon Tetrachloride	5.520	117	72547	19.854	ug/l	98
39) Methylcyclohexane	6.758	83	80153	19.822	ug/l	93
40) Benzene	5.767	78	214018	21.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	44122	21.942	ug/l #	90
42) 1,2-Dichloroethane	5.790	62	74825	20.227	ug/l	99
43) Isopropyl Acetate	5.906	43	124735	20.785	ug/l	98
44) Trichloroethene	6.536	130	54708	19.219	ug/l	91
45) 1,2-Dichloropropane	6.787	63	57702	21.721	ug/l	100
46) Dibromomethane	6.912	93	40983	20.959	ug/l	93
47) Bromodichloromethane	7.099	83	75662	20.690	ug/l	96
48) Methyl methacrylate	6.954	41	56033	21.054	ug/l	94
49) 1,4-Dioxane	6.993	88	33776	439.603	ug/l #	1
51) 4-Methyl-2-Pentanone	7.783	43	428181	106.914	ug/l	99
52) Toluene	7.964	92	130600	20.114	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	84696	20.244	ug/l	98
54) cis-1,3-Dichloropropene	7.600	75	87542	20.050	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	57082	21.213	ug/l	98
56) Ethyl methacrylate	8.327	69	81026	20.229	ug/l	93
57) 1,3-Dichloropropane	8.568	76	96840	20.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	16102	62.700	ug/l	98
59) 2-Hexanone	8.681	43	333140	105.301	ug/l	99
60) Dibromochloromethane	8.803	129	55840	20.425	ug/l	99
61) 1,2-Dibromoethane	8.918	107	59547	20.333	ug/l	100
64) Tetrachloroethene	8.549	164	50833	19.899	ug/l	97
65) Chlorobenzene	9.443	112	138538	19.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.526	131	51824	20.133	ug/l	99
67) Ethyl Benzene	9.565	91	240220	19.802	ug/l	98
68) m/p-Xylenes	9.687	106	184051	40.027	ug/l	92
69) o-Xylene	10.095	106	90449	20.320	ug/l	93
70) Styrene	10.108	104	149225	20.215	ug/l	98
71) Bromoform	10.285	173	43517	19.454	ug/l #	98
73) Isopropylbenzene	10.478	105	231283	20.840	ug/l	98
74) N-amyl acetate	10.314	43	101677	21.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	97909	21.803	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	109643	20.964	ug/l	99
77) Bromobenzene	10.777	156	62475	20.500	ug/l	90
78) n-propylbenzene	10.899	91	281893	20.735	ug/l	97
79) 2-Chlorotoluene	10.980	91	169710	20.619	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	196707	20.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	26681	19.426	ug/l	94
82) 4-Chlorotoluene	11.092	91	200296	20.740	ug/l	95
83) tert-Butylbenzene	11.414	119	194278	20.585	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	194863	20.753	ug/l	99
85) sec-Butylbenzene	11.639	105	247359	20.655	ug/l	99
86) p-Isopropyltoluene	11.787	119	201429	19.998	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	116026	19.662	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	118685	19.252	ug/l	98
89) n-Butylbenzene	12.201	91	174922	18.449	ug/l	98
90) Hexachloroethane	12.468	117	36171	20.299	ug/l	88
91) 1,2-Dichlorobenzene	12.208	146	119263	20.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	22968	22.426	ug/l	84
93) 1,2,4-Trichlorobenzene	13.835	180	74137	19.039	ug/l	99
94) Hexachlorobutadiene	14.015	225	36492	19.610	ug/l	99
95) Naphthalene	14.079	128	232174	18.811	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	74755	19.100	ug/l	98

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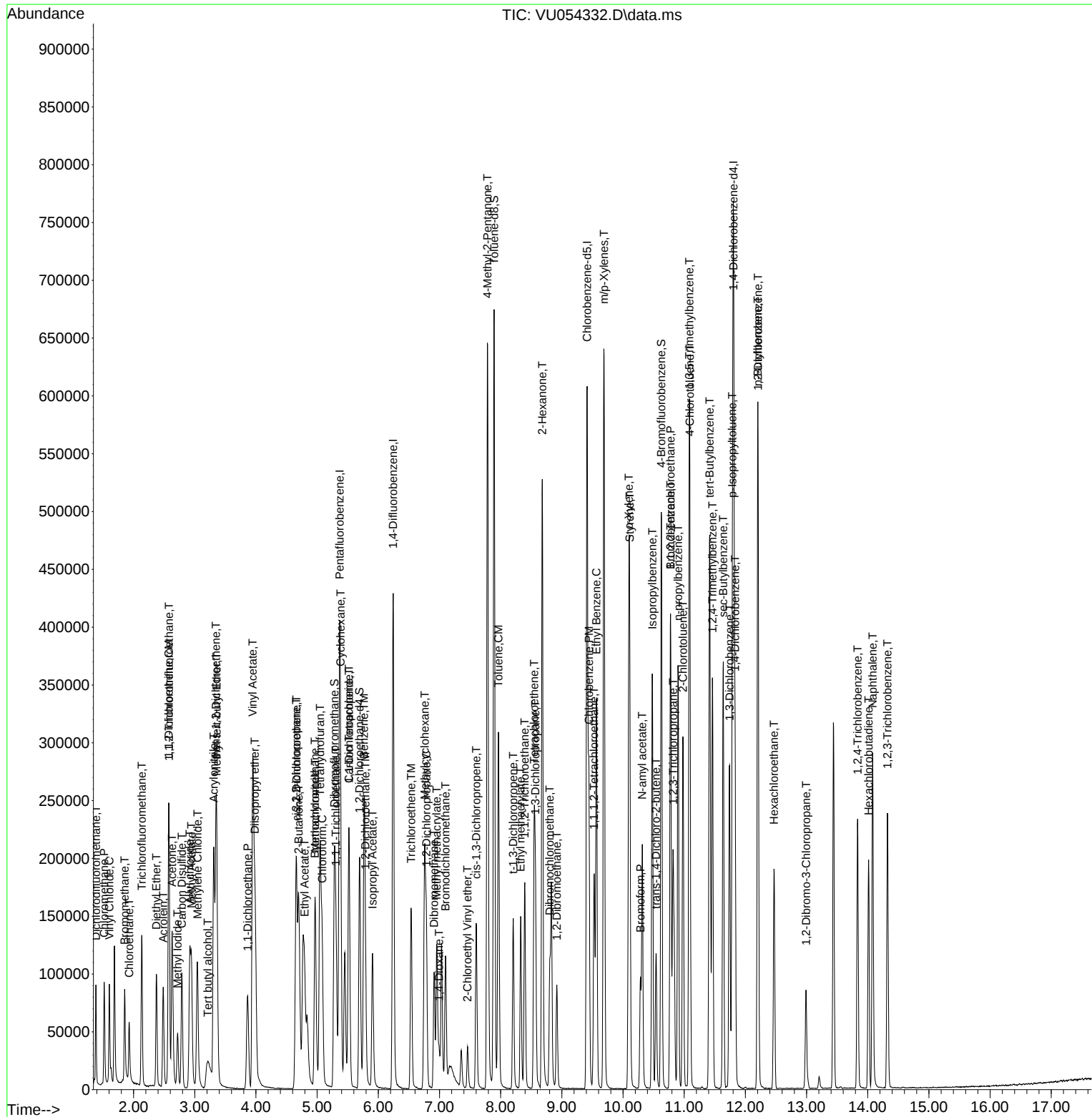
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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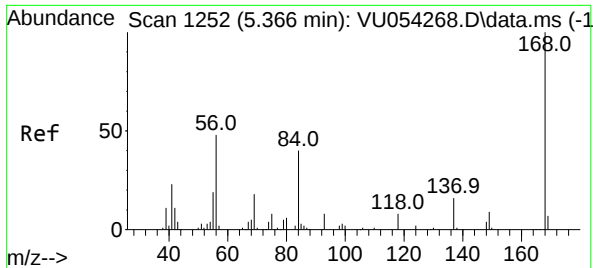
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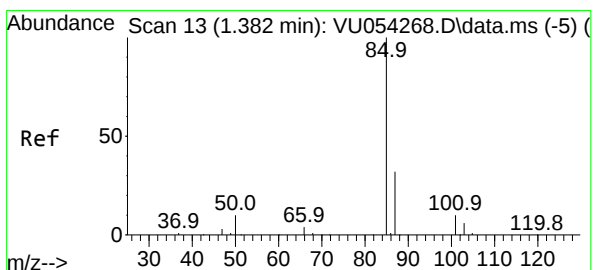
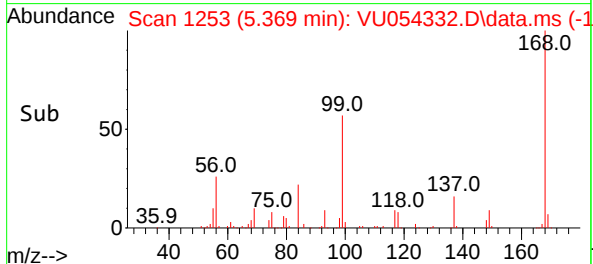
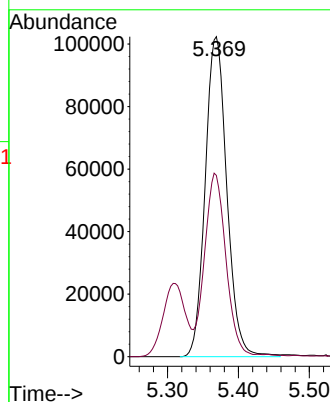
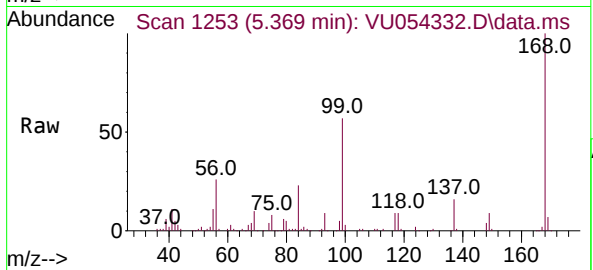




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
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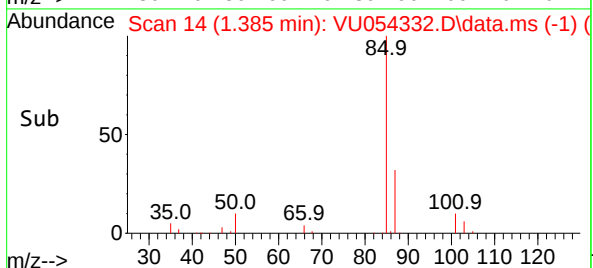
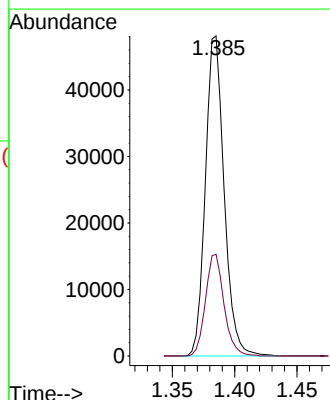
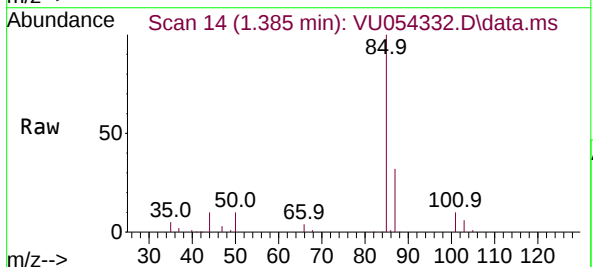
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

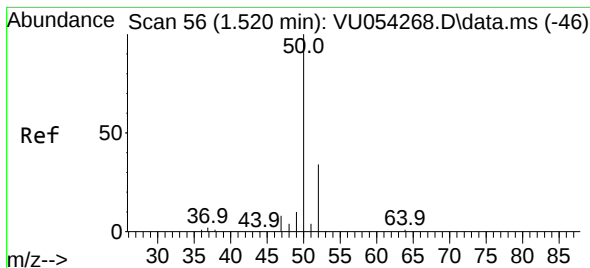
Tgt Ion:168 Resp: 216874
Ion Ratio Lower Upper
168 100
99 56.2 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 20.807 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 85 Resp: 50374
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2





#3

Chloromethane

Concen: 21.195 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

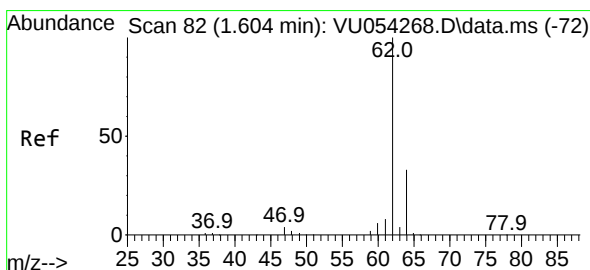
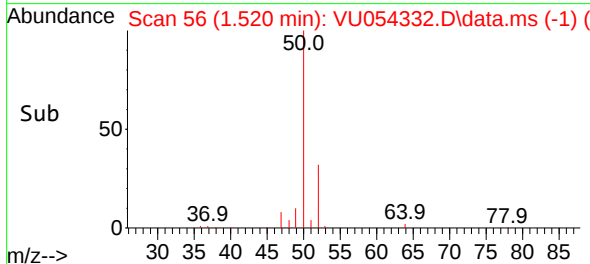
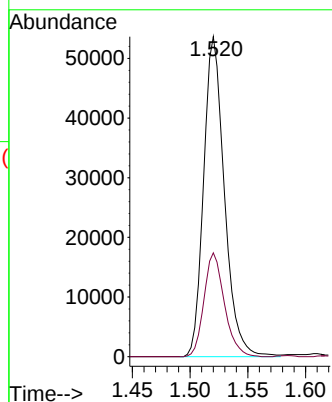
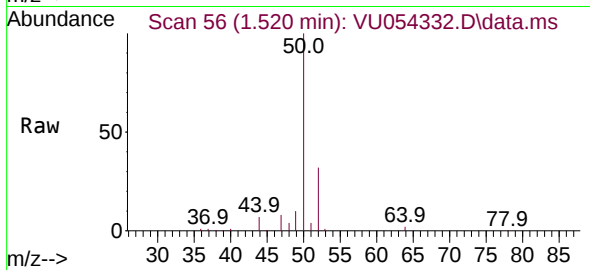
VU0531WBS01

Tgt Ion: 50 Resp: 67189

Ion Ratio Lower Upper

50 100

52 32.4 27.4 41.2



#4

Vinyl Chloride

Concen: 21.704 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU054332.D

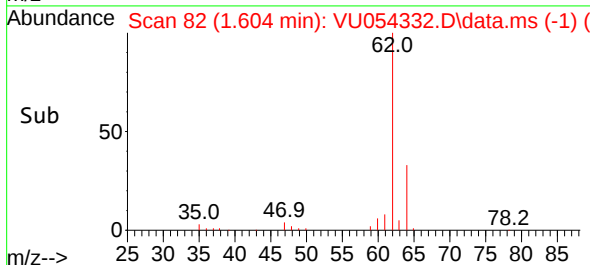
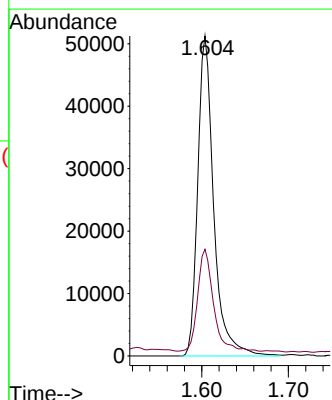
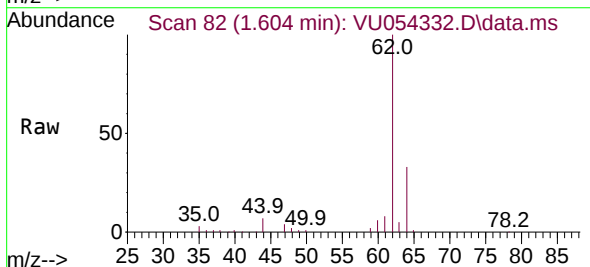
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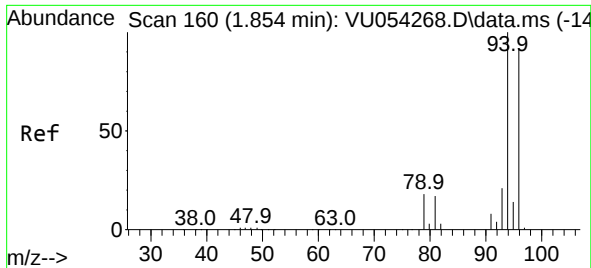
Tgt Ion: 62 Resp: 65649

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9

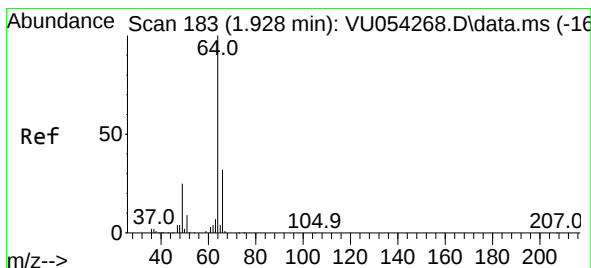
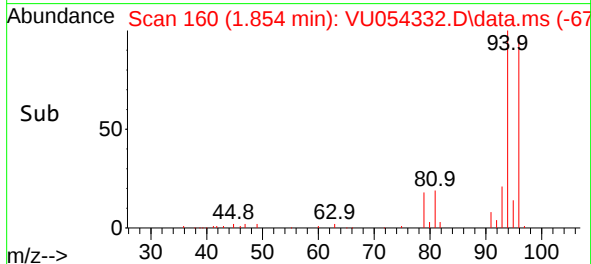
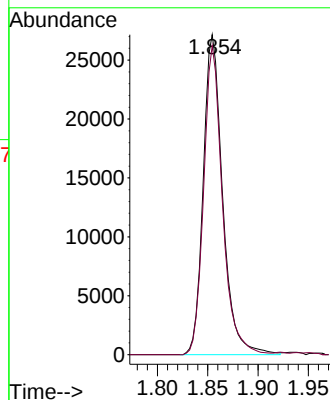
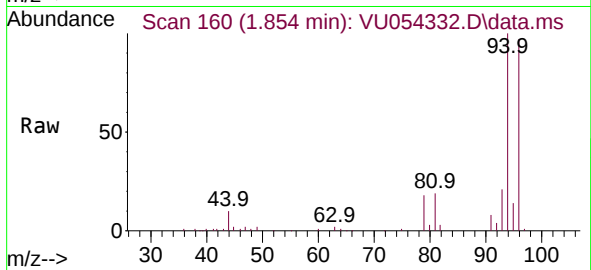




#5
Bromomethane
Concen: 21.796 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU054332.D
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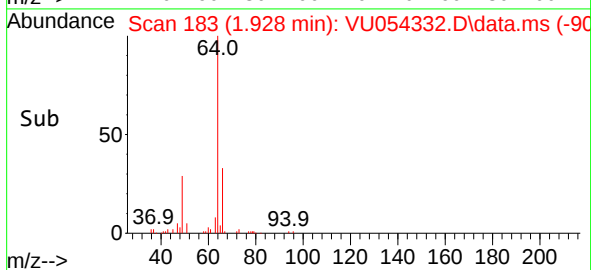
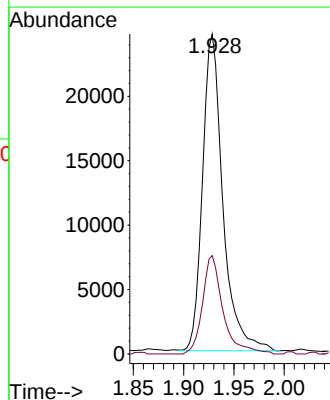
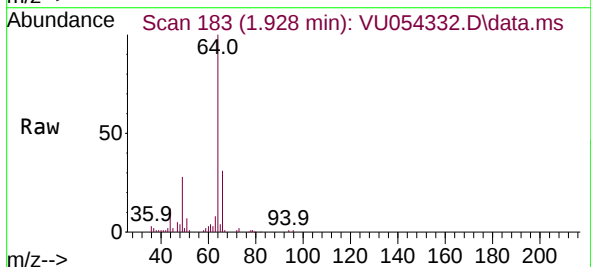
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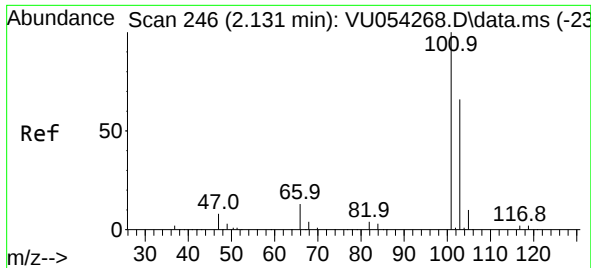
Tgt Ion: 94 Resp: 36494
Ion Ratio Lower Upper
94 100
96 96.6 73.7 110.5



#6
Chloroethane
Concen: 23.696 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 34564
Ion Ratio Lower Upper
64 100
66 31.0 24.7 37.1

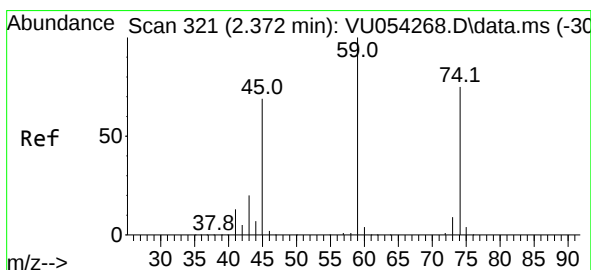
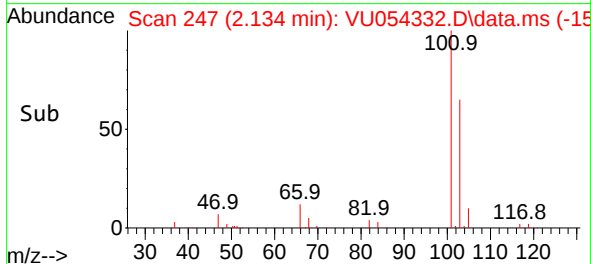
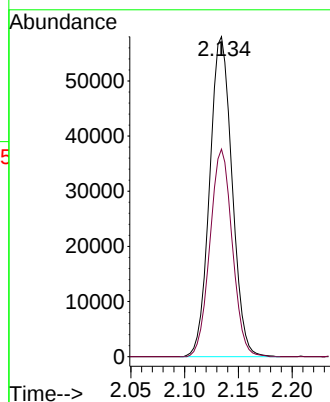
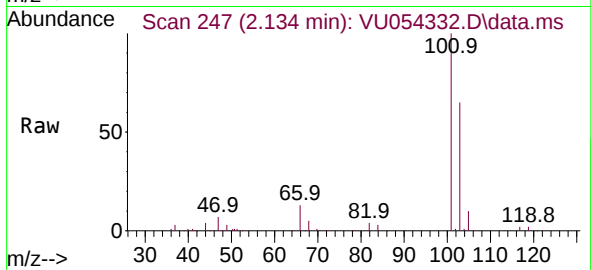




#7
 Trichlorofluoromethane
 Concen: 20.198 ug/l
 RT: 2.134 min Scan# 246
 Delta R.T. 0.003 min
 Lab File: VU054332.D
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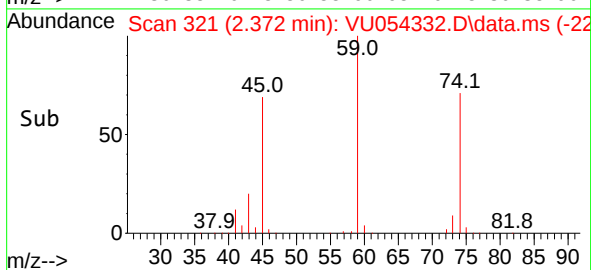
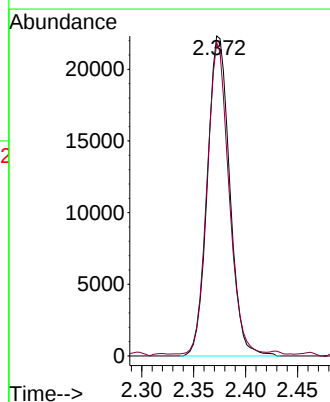
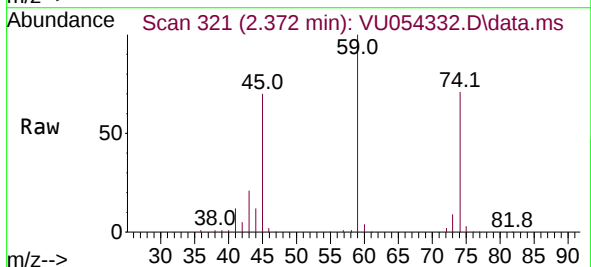
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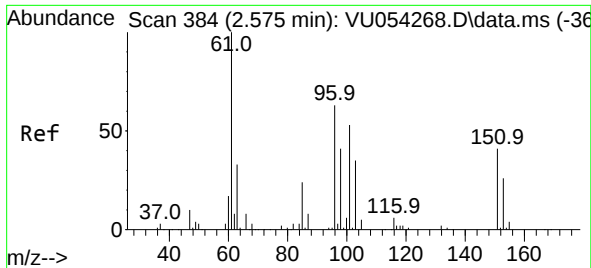
Tgt Ion:101 Resp: 84050
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 21.590 ug/l
 RT: 2.372 min Scan# 321
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 33259
 Ion Ratio Lower Upper
 74 100
 45 95.1 44.4 133.2

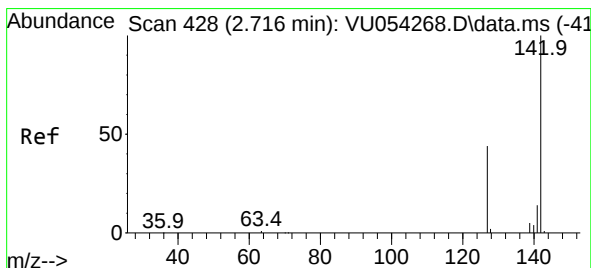
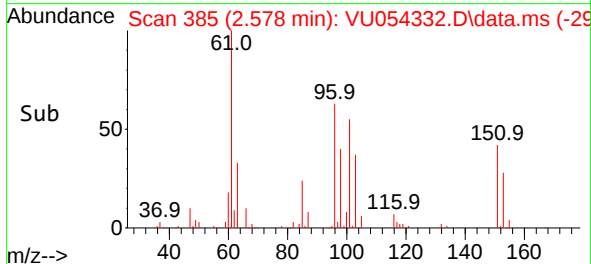
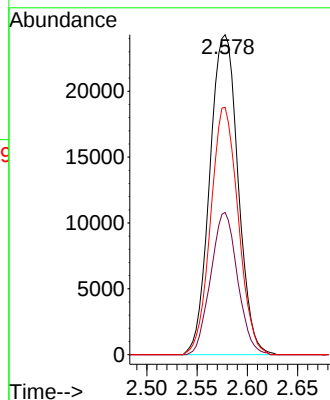
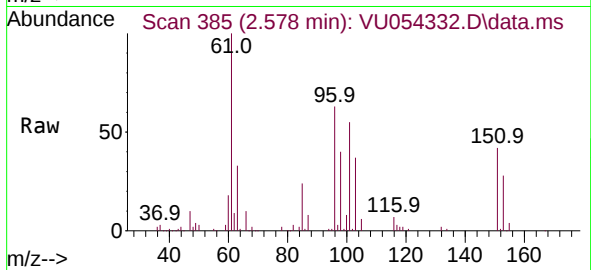




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.080 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

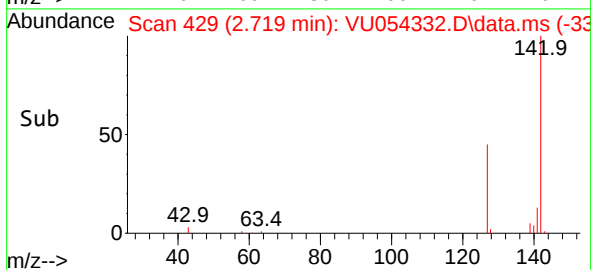
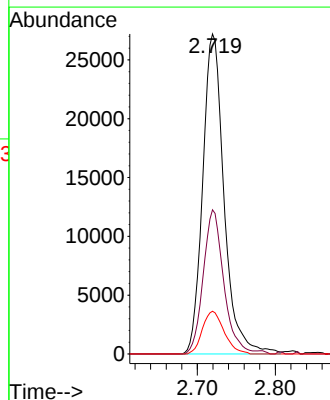
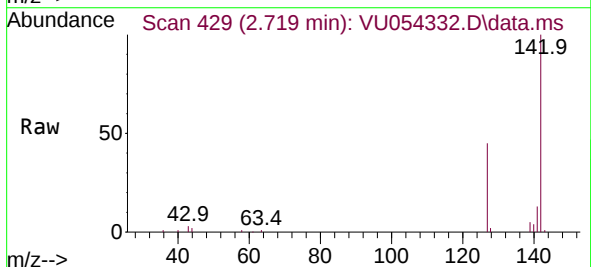
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

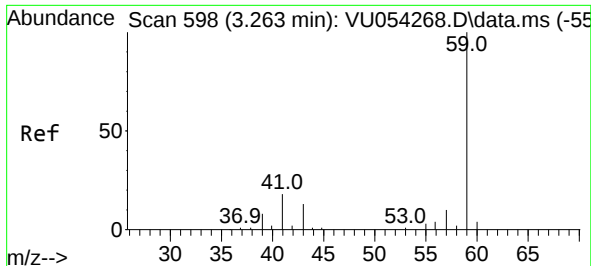
Tgt Ion:101 Resp: 47493
Ion Ratio Lower Upper
101 100
85 42.2 33.9 50.9
151 75.4 64.0 96.0



#10
Methyl Iodide
Concen: 20.614 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:142 Resp: 51756
Ion Ratio Lower Upper
142 100
127 43.3 32.5 48.7
141 13.6 11.4 17.0

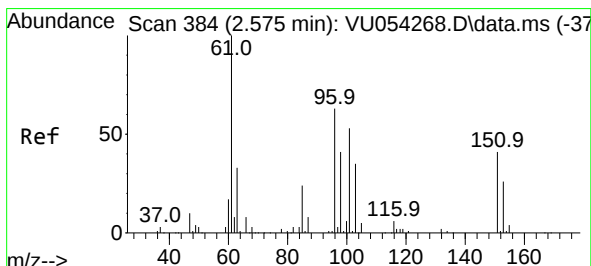
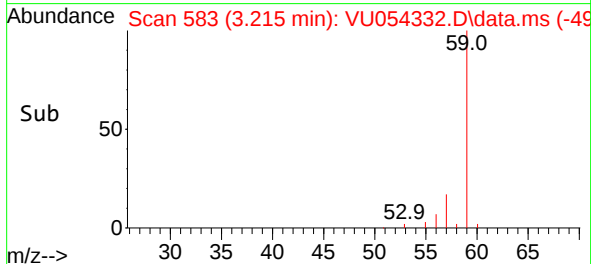
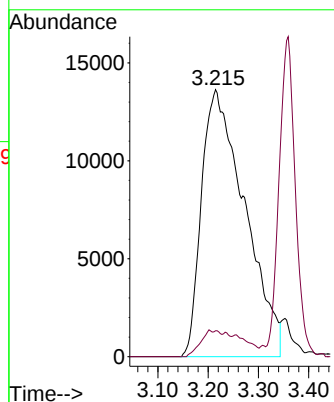
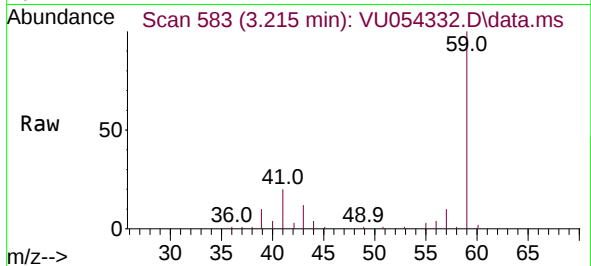




#11
Tert butyl alcohol
Concen: 105.630 ug/l
RT: 3.215 min Scan# 598
Delta R.T. -0.028 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

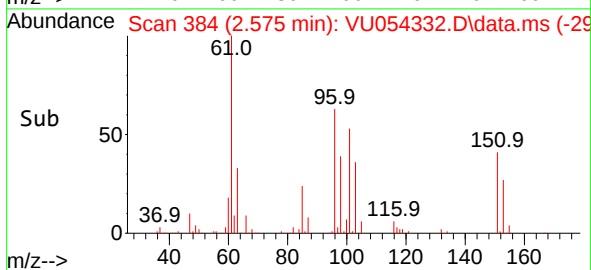
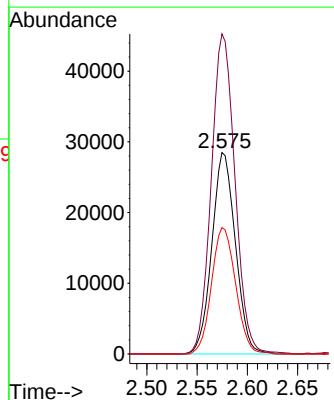
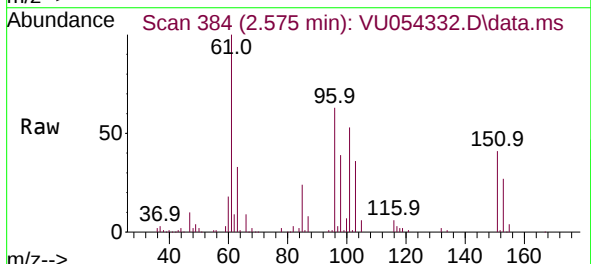
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

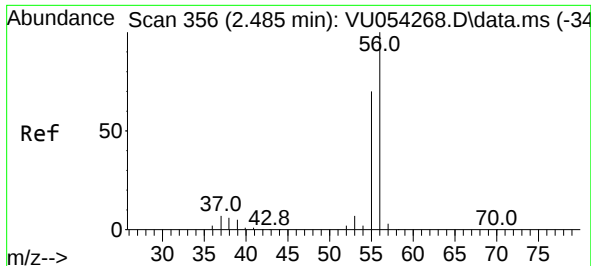
Tgt Ion: 59 Resp: 81119
Ion Ratio Lower Upper
59 100
57 2.8 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 19.913 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 96 Resp: 46454
Ion Ratio Lower Upper
96 100
61 158.8 122.2 183.2
98 62.7 50.7 76.1





#13

Acrolein

Concen: 89.593 ug/l

RT: 2.485 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

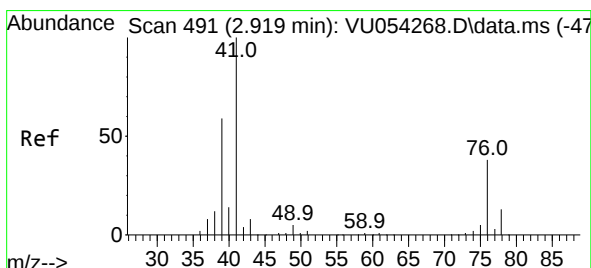
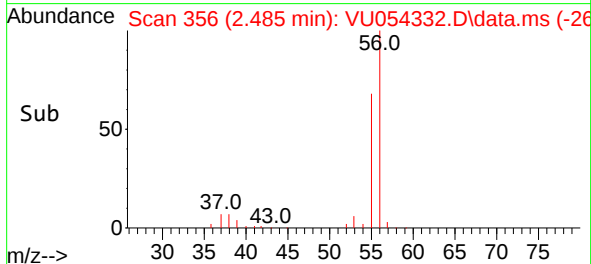
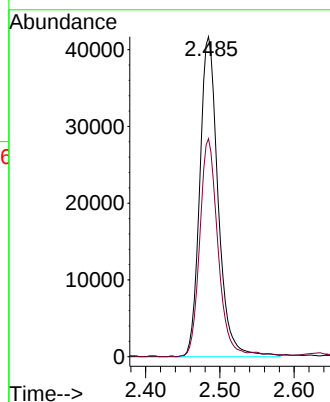
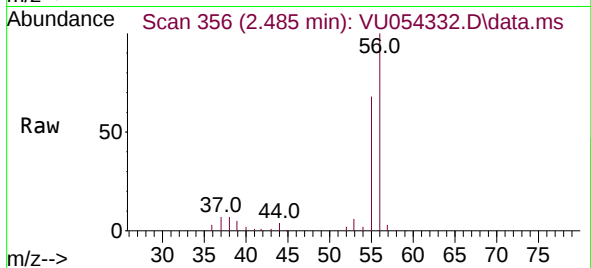
VU0531WBS01

Tgt Ion: 56 Resp: 71577

Ion Ratio Lower Upper

56 100

55 67.0 56.6 85.0



#14

Allyl chloride

Concen: 21.103 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

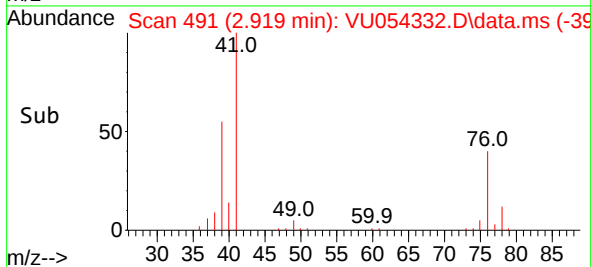
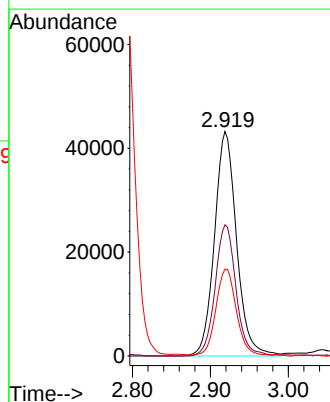
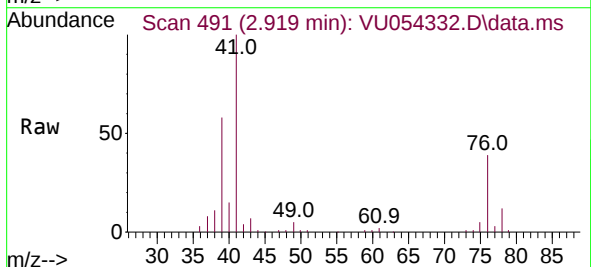
Tgt Ion: 41 Resp: 85356

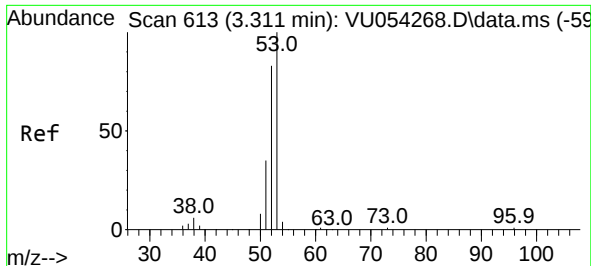
Ion Ratio Lower Upper

41 100

39 55.0 53.4 80.2

76 34.6 33.8 50.6

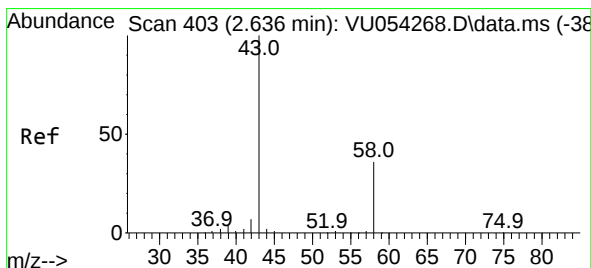
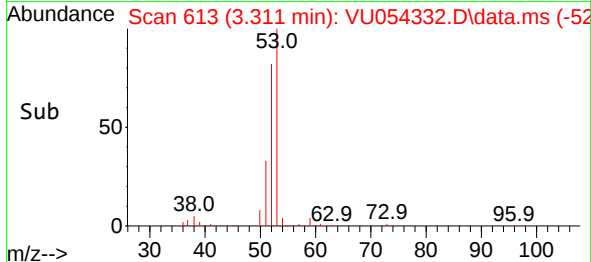
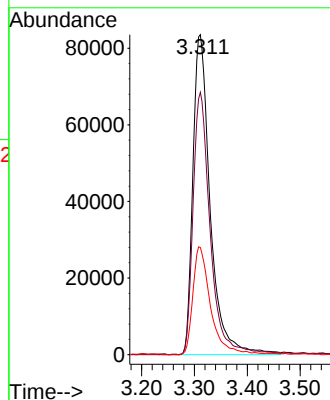
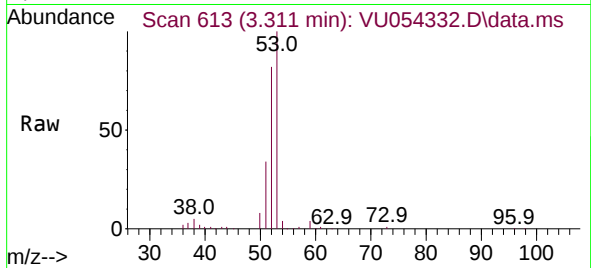




#15
Acrylonitrile
Concen: 110.633 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

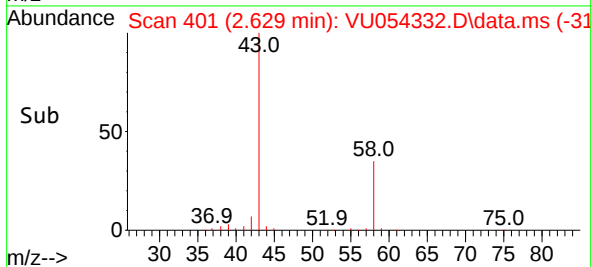
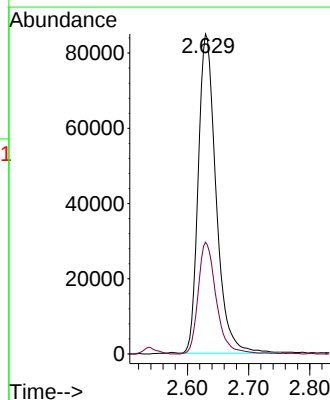
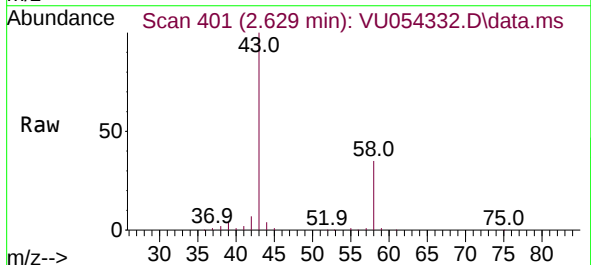
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

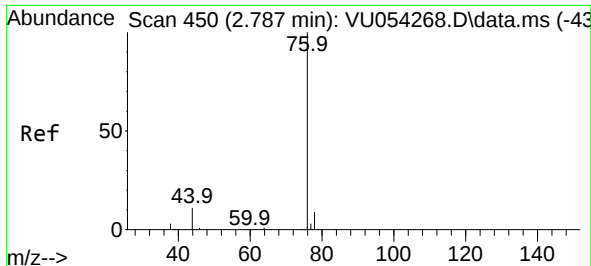
Tgt Ion: 53 Resp: 190489
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 33.8 28.2 42.4



#16
Acetone
Concen: 105.347 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 43 Resp: 171677
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3

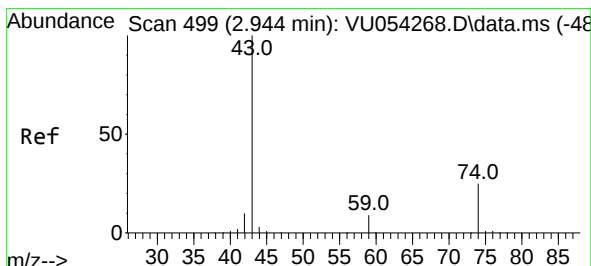
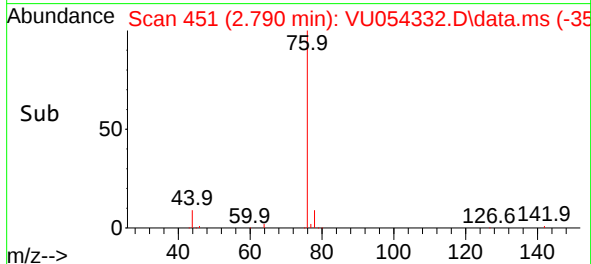
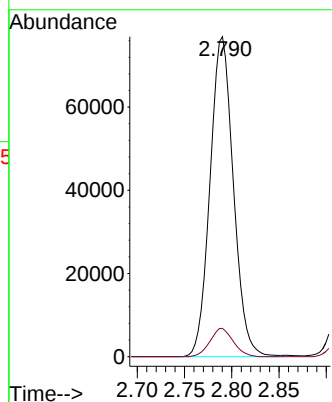
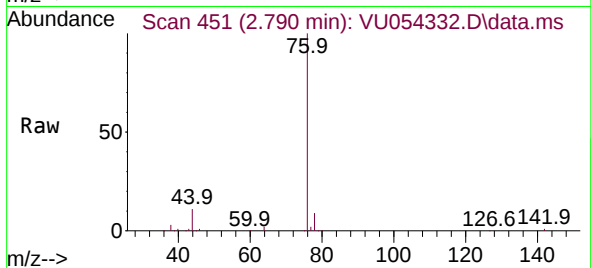




#17
Carbon Disulfide
Concen: 19.203 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

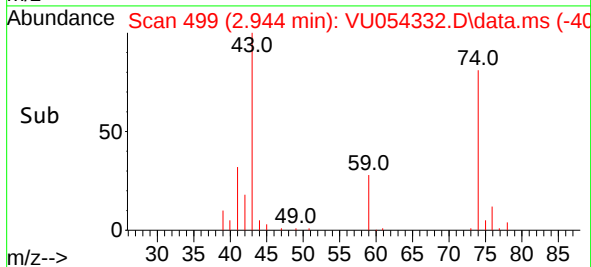
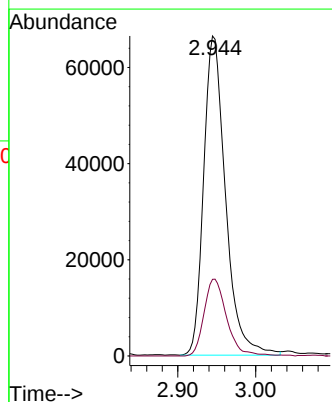
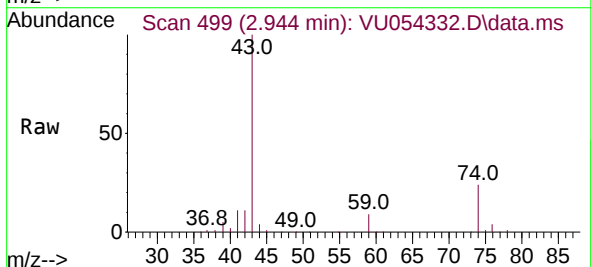
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

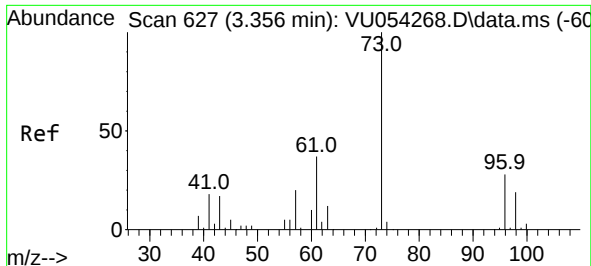
Tgt Ion: 76 Resp: 132393
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 21.788 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 43 Resp: 129645
Ion Ratio Lower Upper
43 100
74 24.8 22.5 33.7

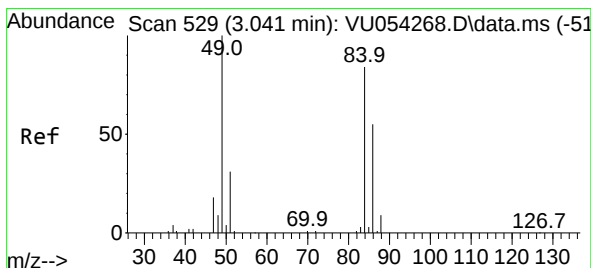
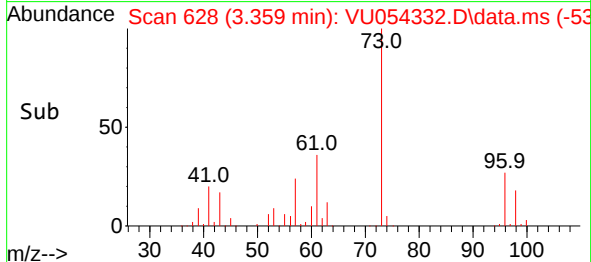
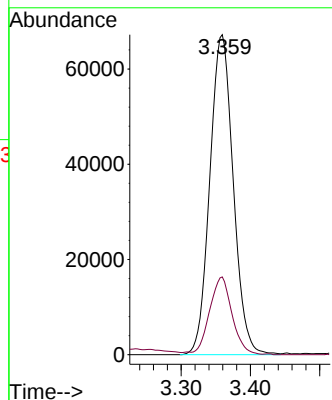
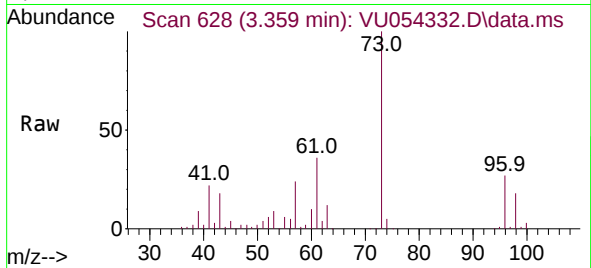




#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

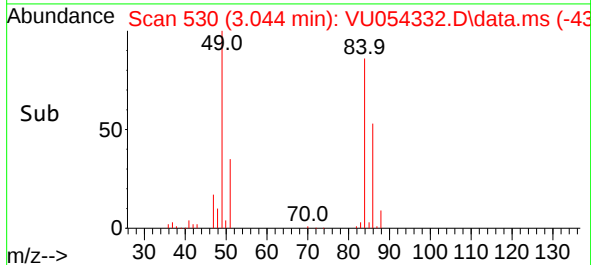
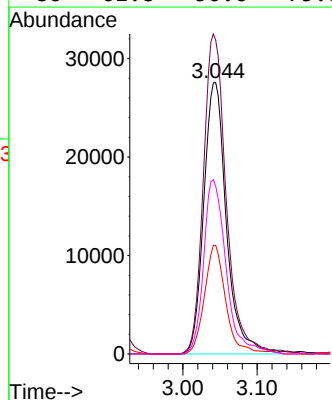
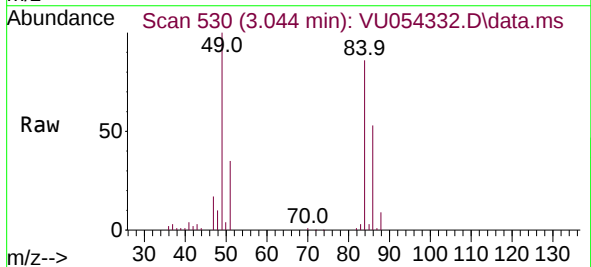
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

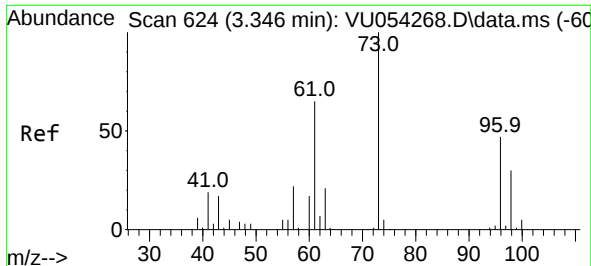
Tgt Ion: 73 Resp: 157764
Ion Ratio Lower Upper
73 100
57 24.3 17.1 25.7



#20
Methylene Chloride
Concen: 19.902 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 84 Resp: 58512
Ion Ratio Lower Upper
84 100
49 115.6 86.6 129.8
51 40.1 26.6 40.0#
86 61.8 50.6 75.8

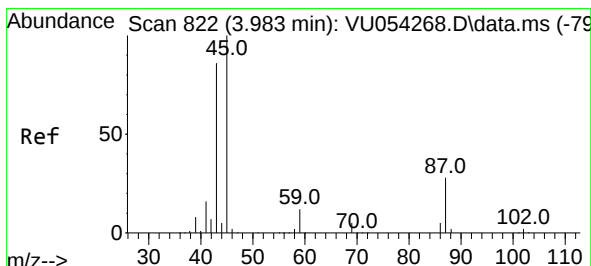
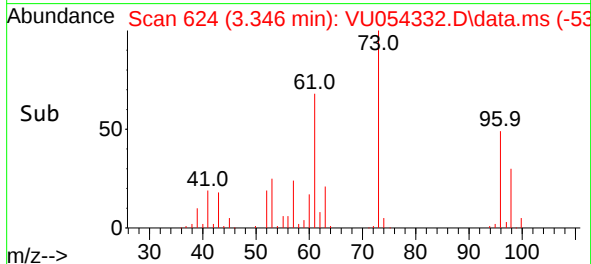
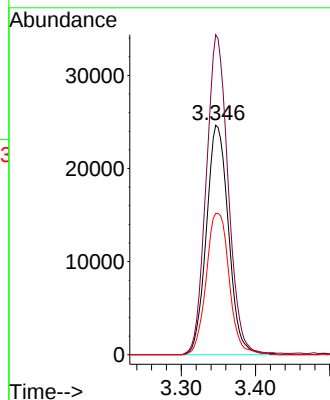
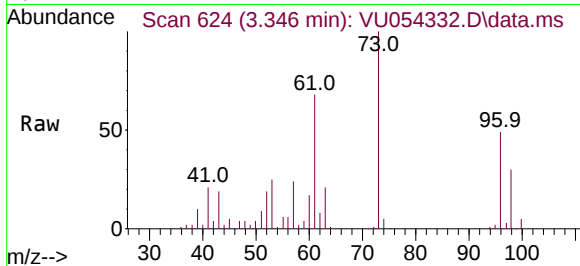




#21
trans-1,2-Dichloroethene
Concen: 20.439 ug/l
RT: 3.346 min Scan# 612
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

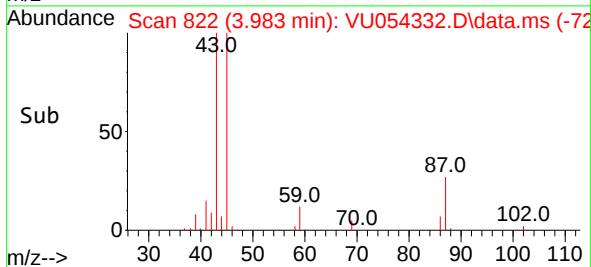
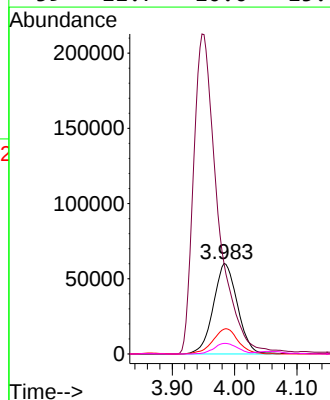
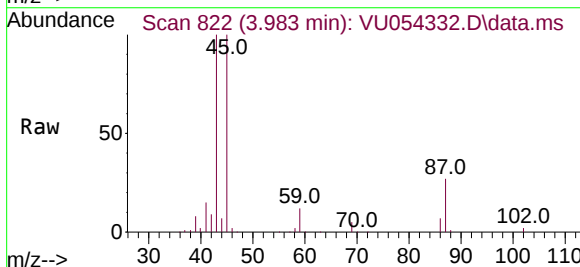
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

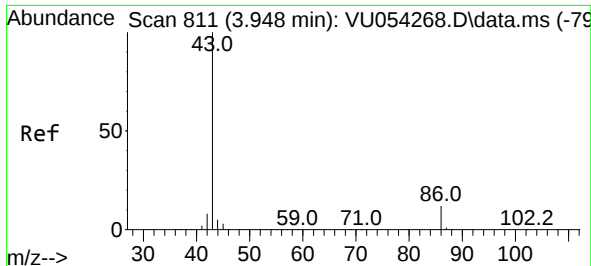
Tgt Ion: 96 Resp: 51048
Ion Ratio Lower Upper
96 100
61 139.5 106.1 159.1
98 61.6 50.8 76.2



#22
Diisopropyl ether
Concen: 22.490 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 45 Resp: 161233
Ion Ratio Lower Upper
45 100
43 98.8 92.9 139.3
87 27.5 26.2 39.2
59 11.7 10.0 15.0

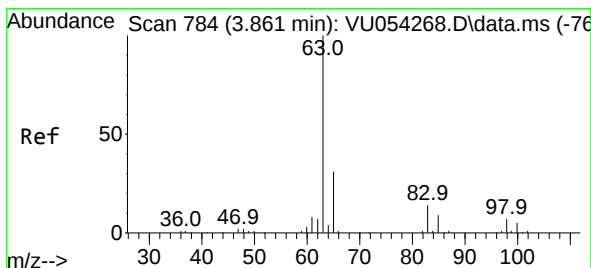
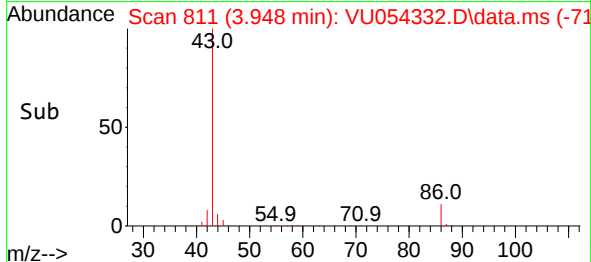
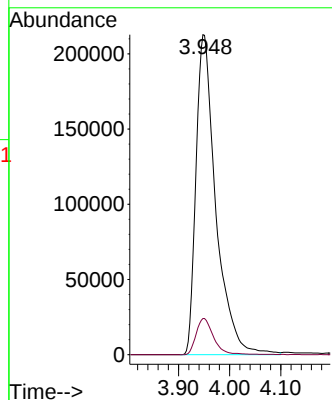
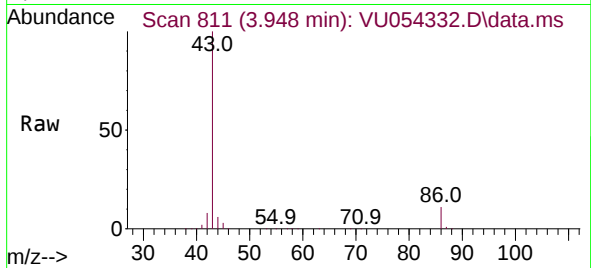




#23
 Vinyl Acetate
 Concen: 110.169 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

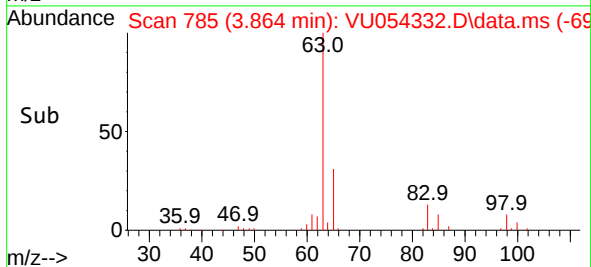
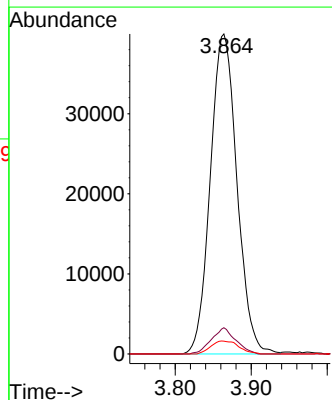
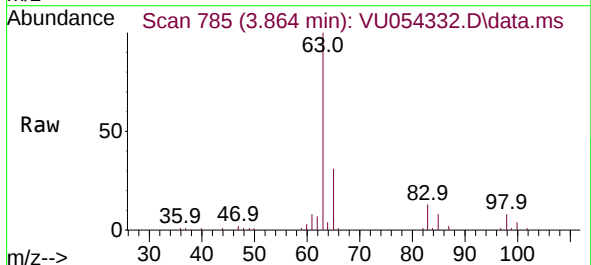
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

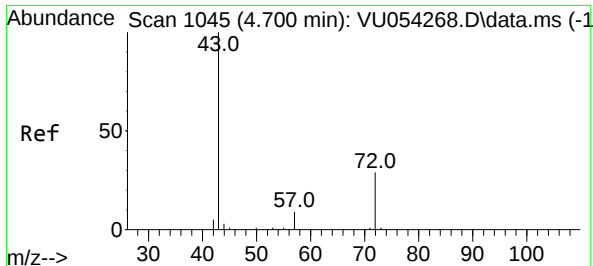
Tgt Ion: 43 Resp: 576314
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 21.202 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

Tgt Ion: 63 Resp: 97328
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 111.206 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

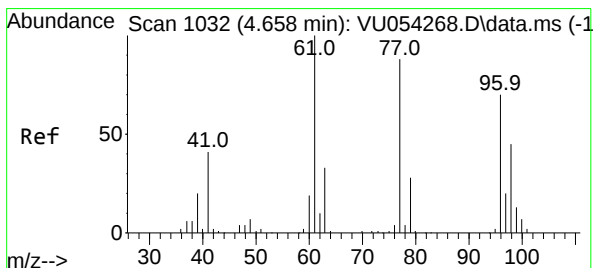
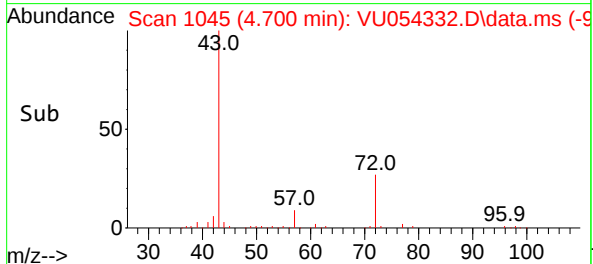
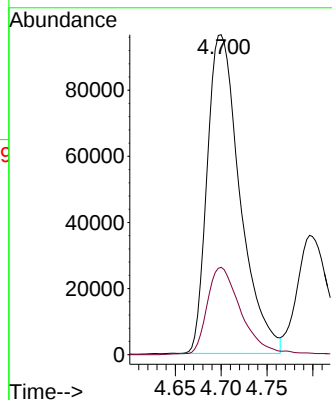
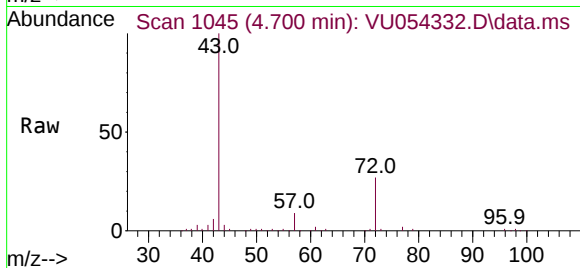
VU0531WBS01

Tgt Ion: 43 Resp: 239941

Ion Ratio Lower Upper

43 100

72 27.1 23.8 35.6



#26

2,2-Dichloropropane

Concen: 20.674 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054332.D

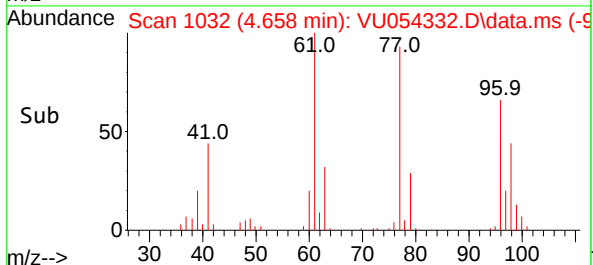
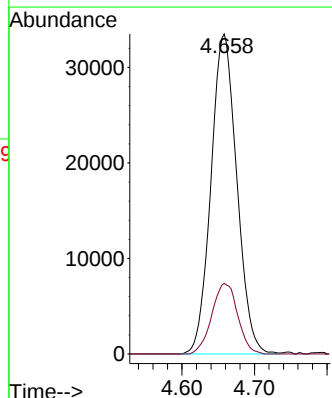
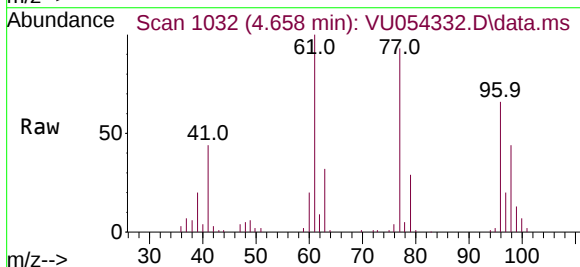
Acq: 31 May 2023 12:40

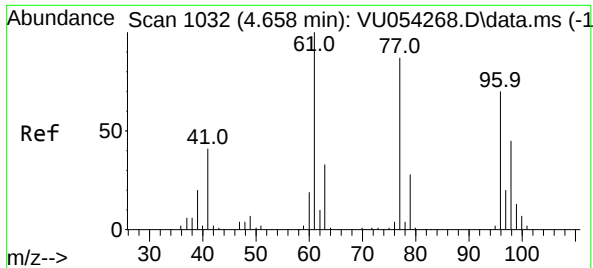
Tgt Ion: 77 Resp: 82937

Ion Ratio Lower Upper

77 100

97 22.0 11.6 34.8

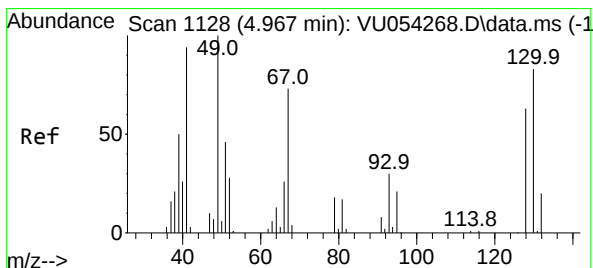
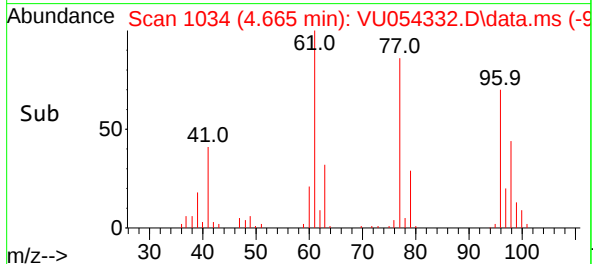
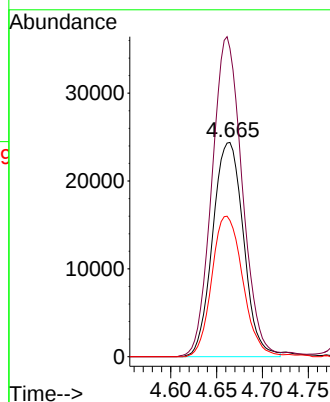
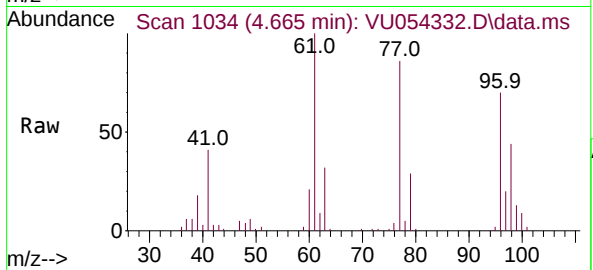




#27
 cis-1,2-Dichloroethene
 Concen: 20.517 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.007 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

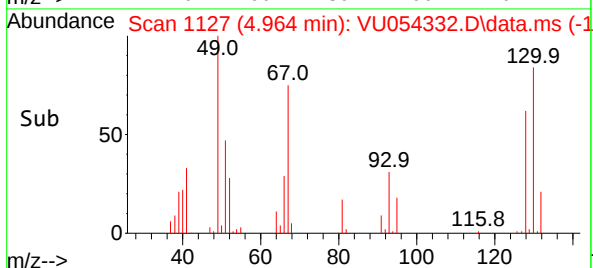
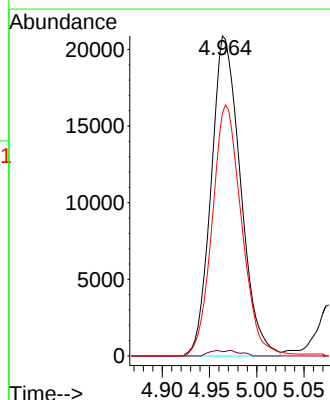
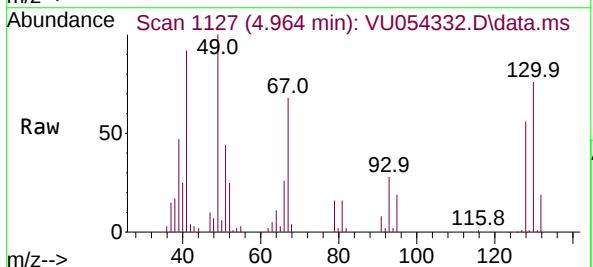
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

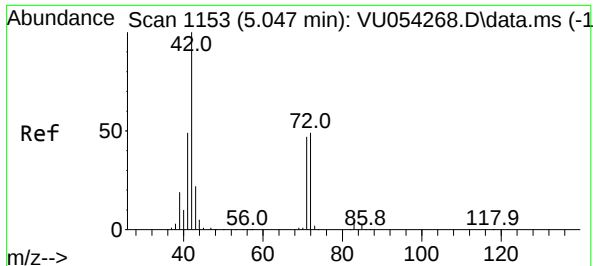
Tgt Ion: 96 Resp: 57003
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 271.6
 98 65.8 0.0 128.2



#28
 Bromochloromethane
 Concen: 21.206 ug/l
 RT: 4.964 min Scan# 1127
 Delta R.T. -0.003 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

Tgt Ion: 49 Resp: 45047
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 78.6 76.9 115.3





#29

Tetrahydrofuran

Concen: 110.334 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

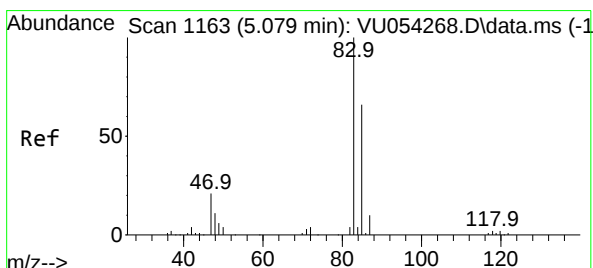
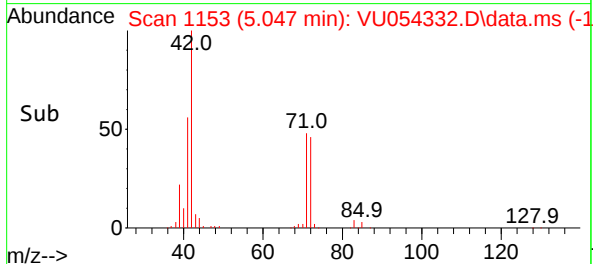
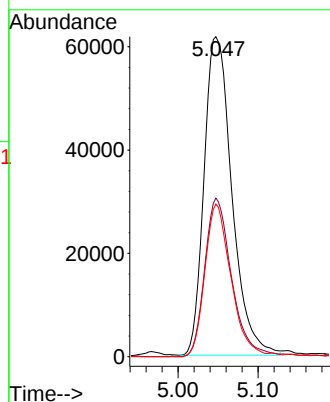
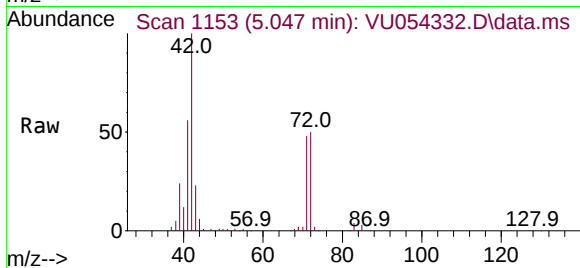
Tgt Ion: 42 Resp: 149640

Ion Ratio Lower Upper

42 100

72 48.3 42.6 63.8

71 44.6 40.3 60.5



#30

Chloroform

Concen: 21.003 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054332.D

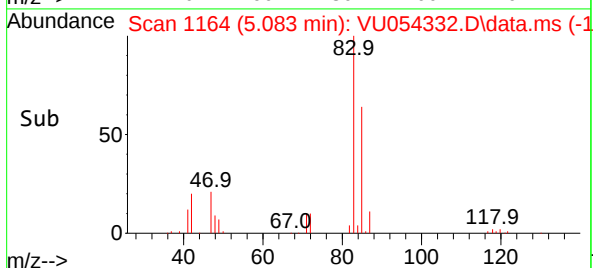
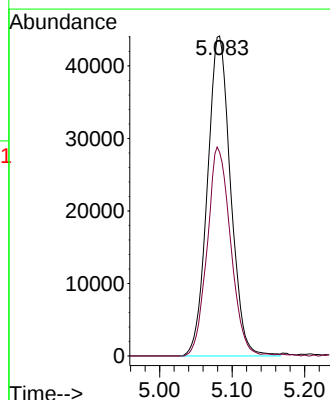
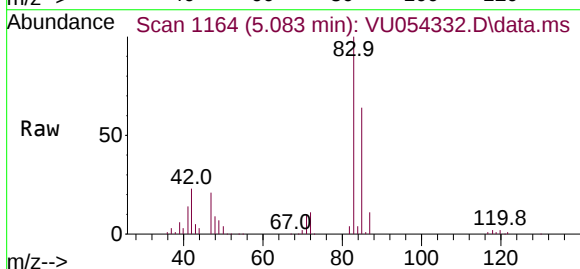
Acq: 31 May 2023 12:40

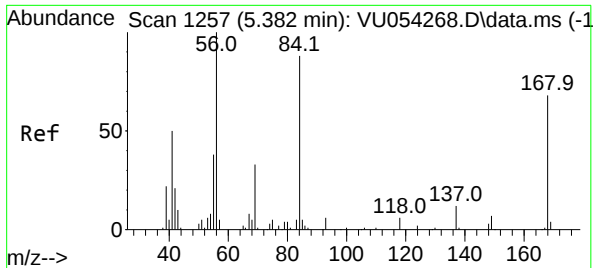
Tgt Ion: 83 Resp: 98008

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

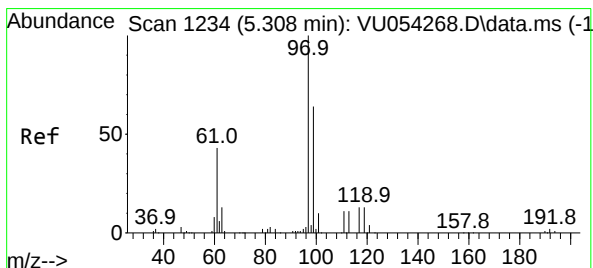
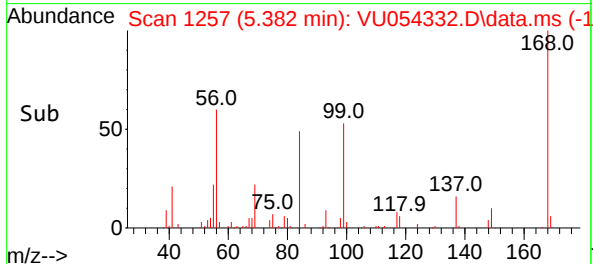
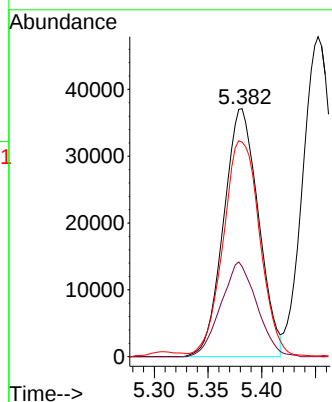
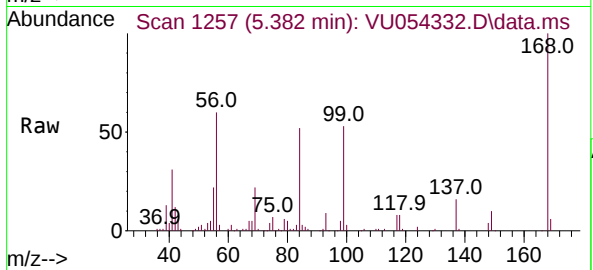




#31
Cyclohexane
Concen: 20.853 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

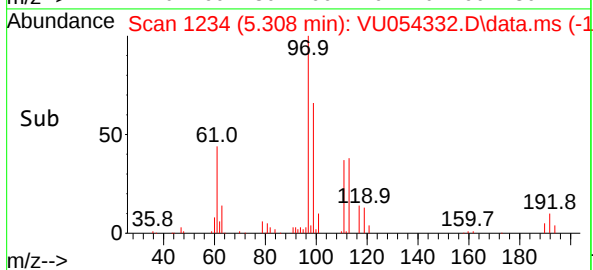
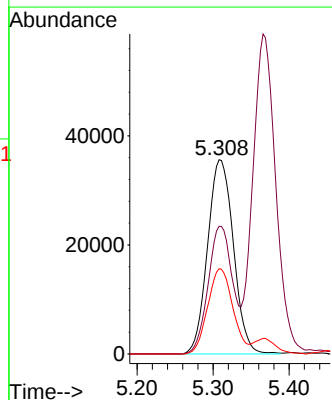
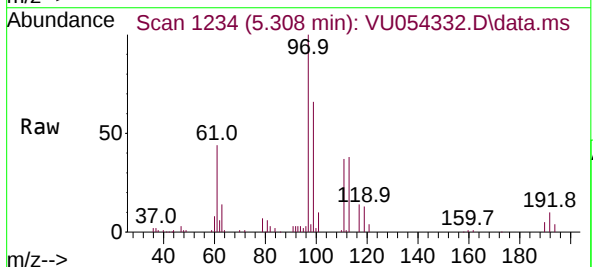
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

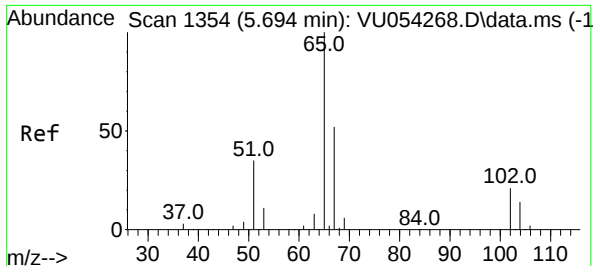
Tgt Ion: 56 Resp: 83713
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.8
84 85.0 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 20.794 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 97 Resp: 84238
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.650 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

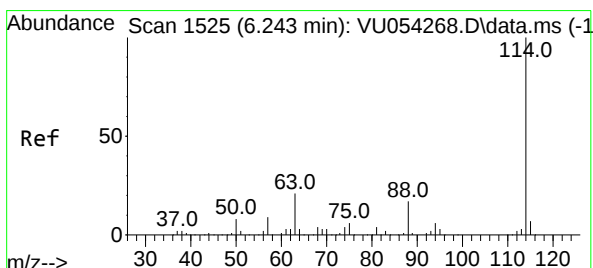
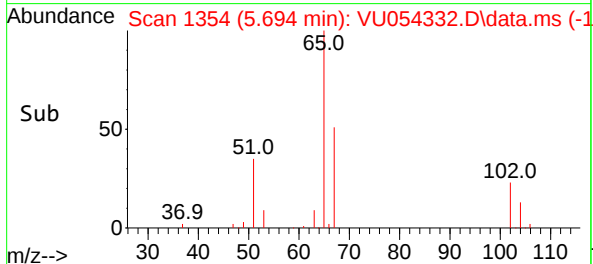
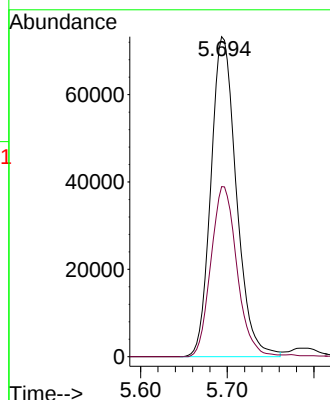
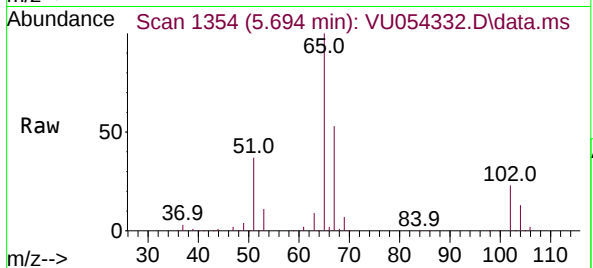
VU0531WBS01

Tgt Ion: 65 Resp: 149683

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

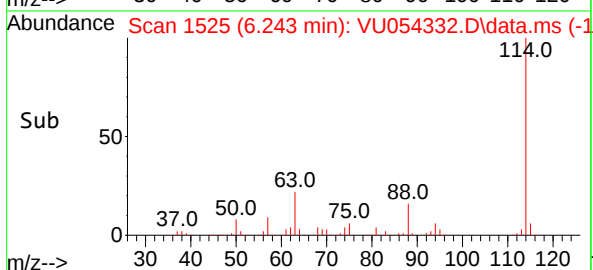
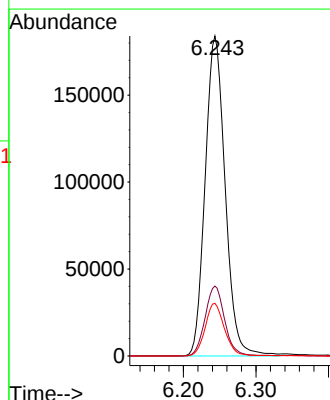
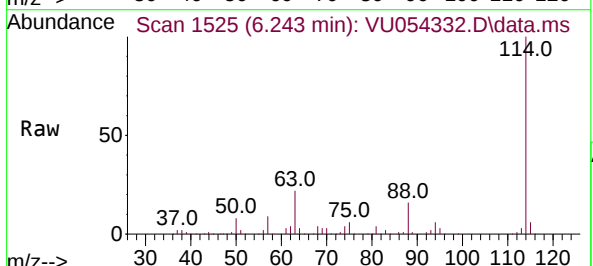
Tgt Ion: 114 Resp: 352950

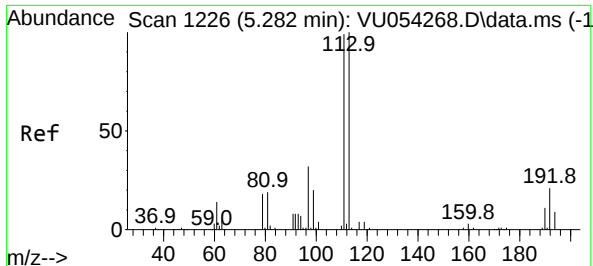
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.4 0.0 29.2

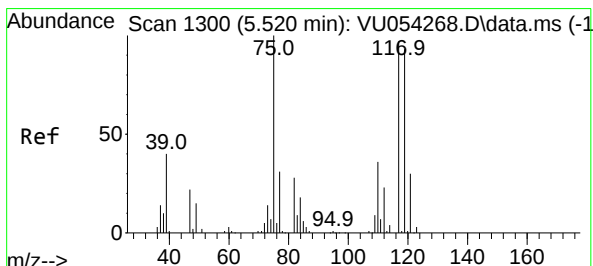
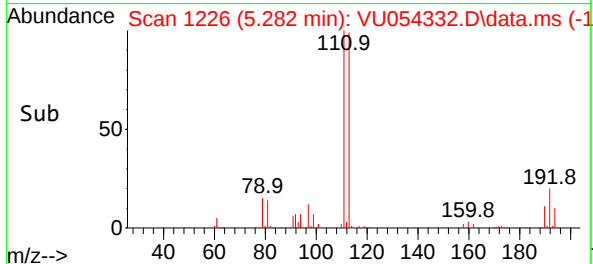
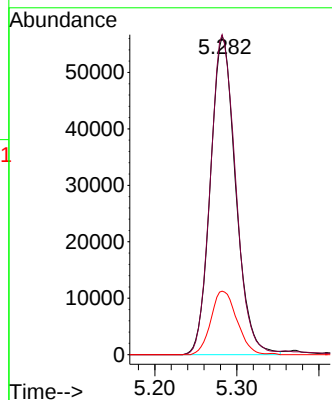
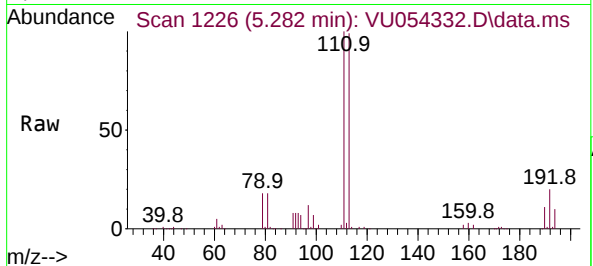




#35
Dibromofluoromethane
Concen: 53.271 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

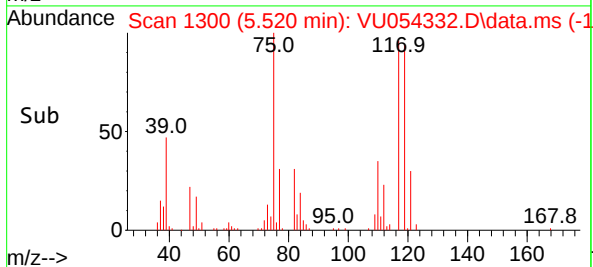
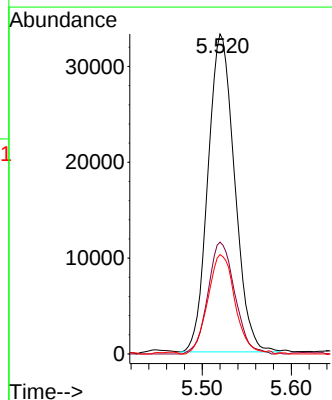
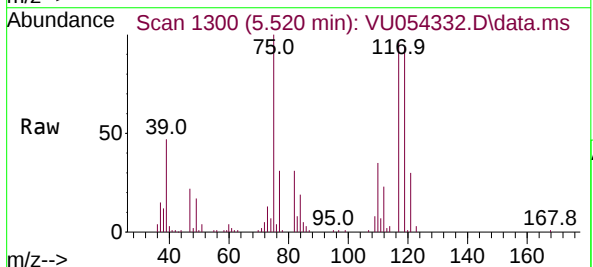
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

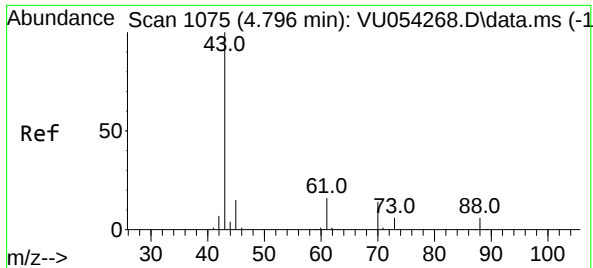
Tgt Ion:113 Resp: 121080
Ion Ratio Lower Upper
113 100
111 100.4 82.1 123.1
192 20.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 19.270 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 75 Resp: 68793
Ion Ratio Lower Upper
75 100
110 35.6 18.4 55.2
77 31.9 25.1 37.7

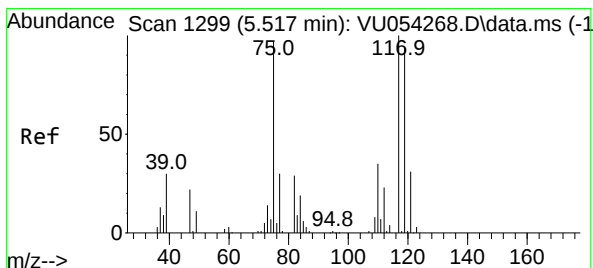
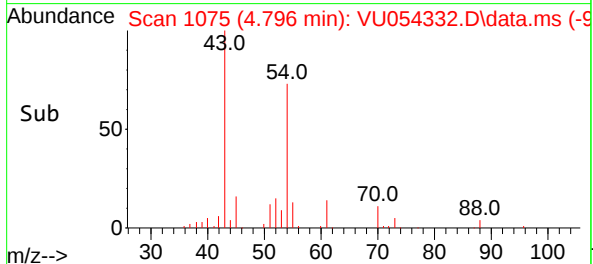
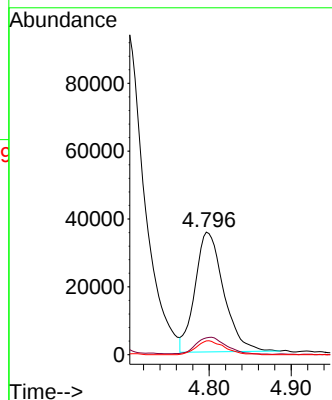
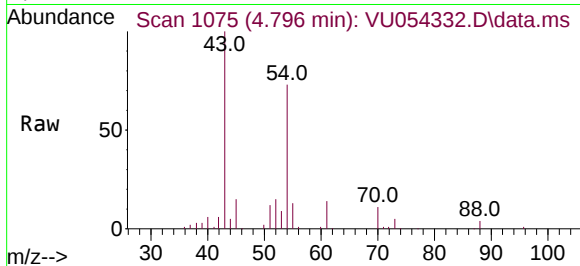




#37
Ethyl Acetate
Concen: 19.666 ug/l
RT: 4.796 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

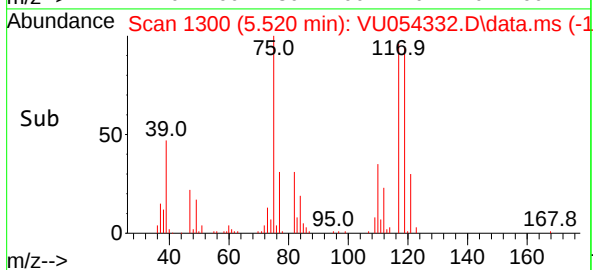
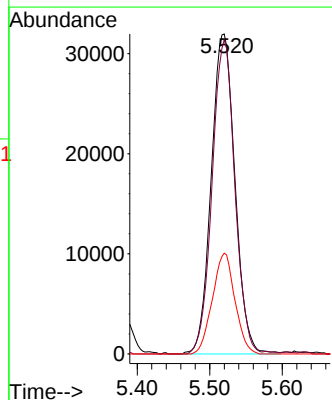
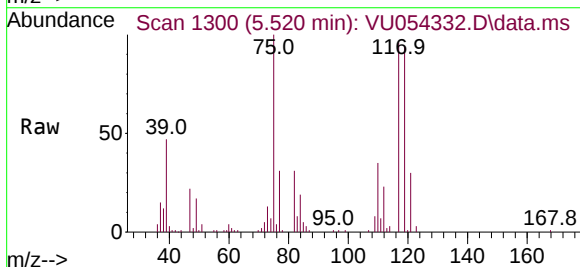
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

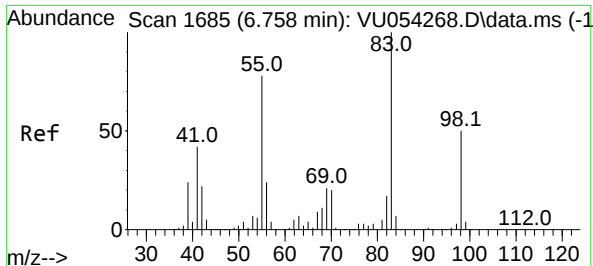
Tgt Ion: 43 Resp: 85563
Ion Ratio Lower Upper
43 100
61 15.0 9.5 14.3#
70 11.5 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 117 Resp: 72547
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2
121 31.5 24.7 37.1





#39

Methylcyclohexane

Concen: 19.822 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

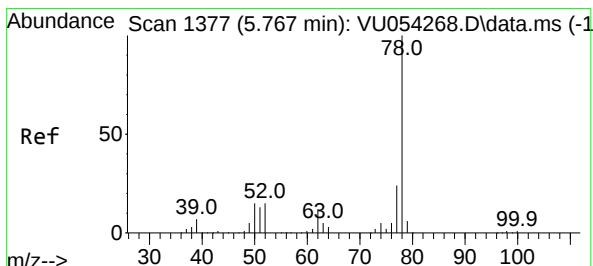
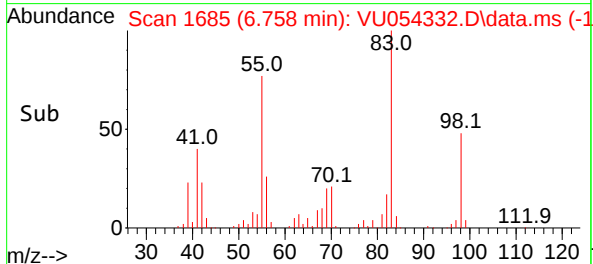
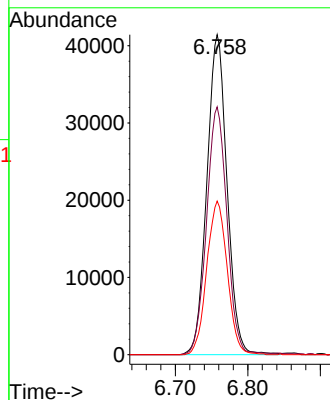
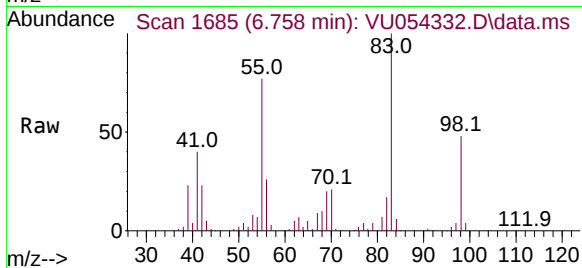
Tgt Ion: 83 Resp: 80153

Ion Ratio Lower Upper

83 100

55 77.4 55.3 82.9

98 48.0 37.3 55.9



#40

Benzene

Concen: 21.017 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VU054332.D

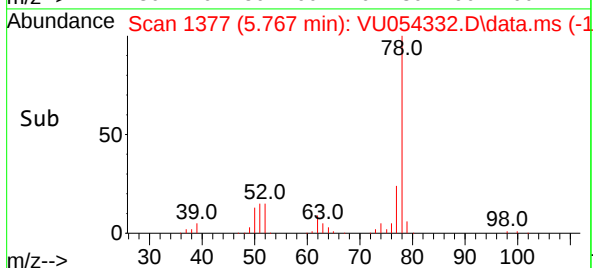
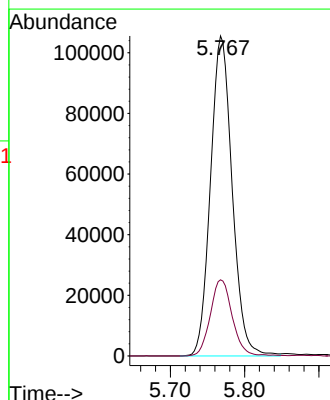
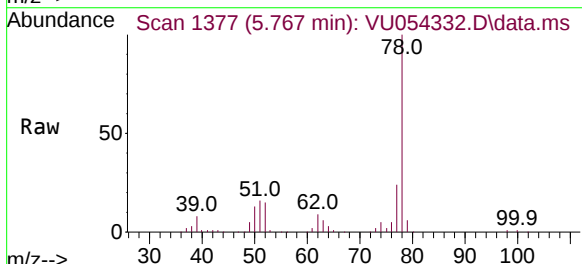
Acq: 31 May 2023 12:40

Tgt Ion: 78 Resp: 214018

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

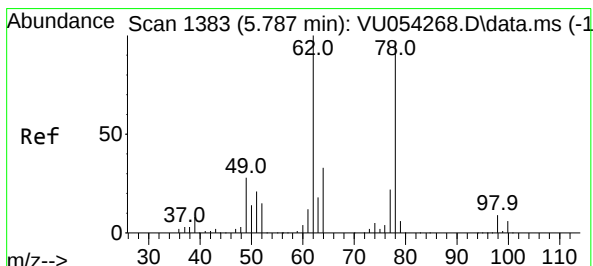
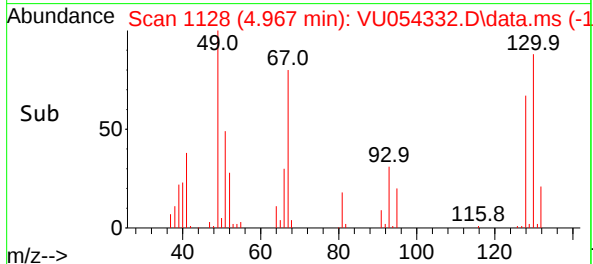
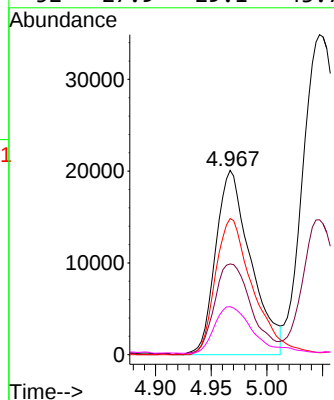
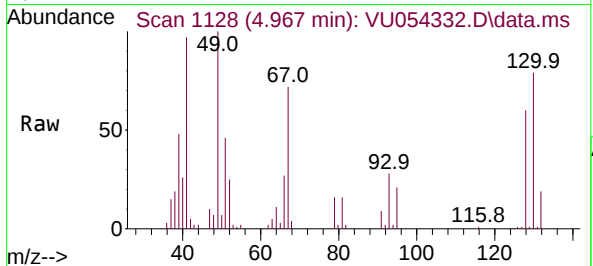




#41
Methacrylonitrile
Concen: 21.942 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

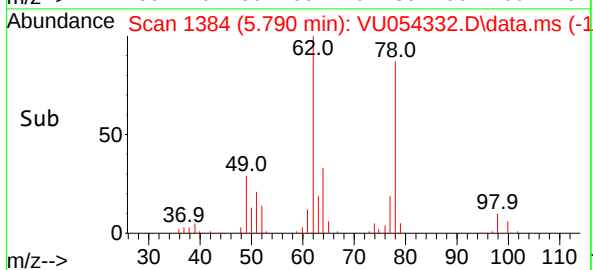
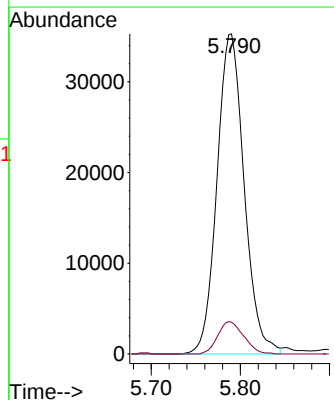
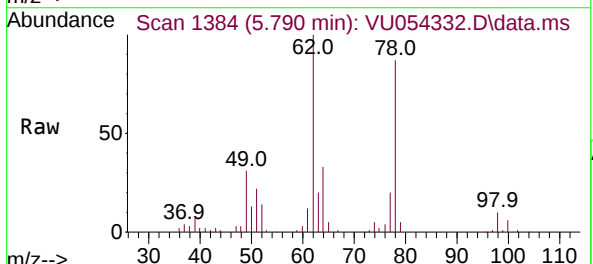
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

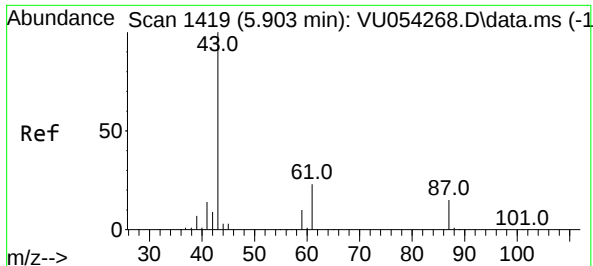
Tgt Ion:	41	Resp:	44122
Ion	Ratio	Lower	Upper
41	100		
39	51.8	43.1	64.7
67	79.0	72.3	108.5
52	27.9	29.1	43.7



#42
1,2-Dichloroethane
Concen: 20.227 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:	62	Resp:	74825
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6

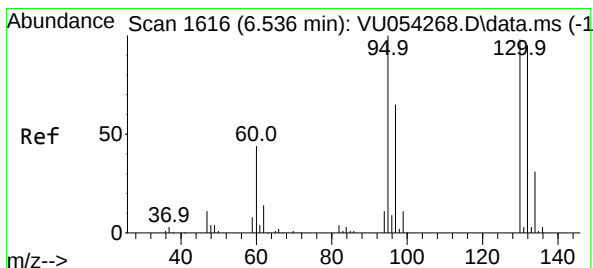
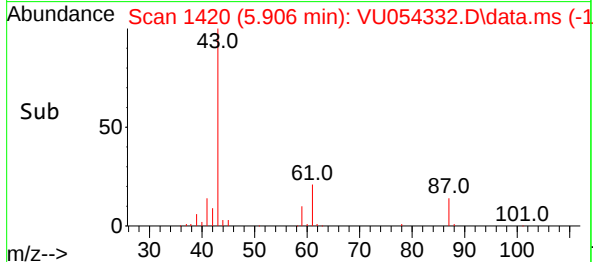
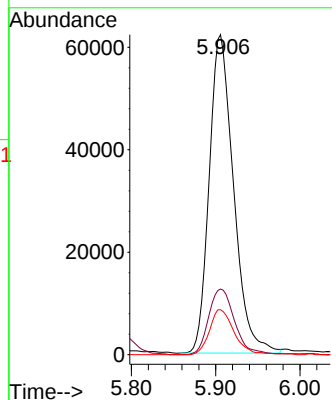
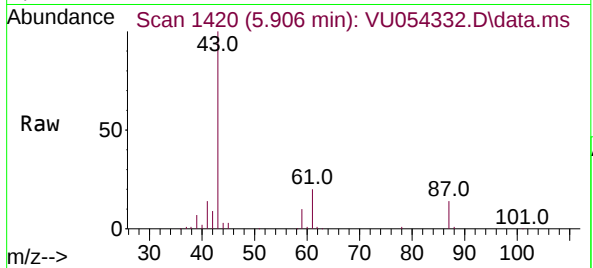




#43
Isopropyl Acetate
Concen: 20.785 ug/l
RT: 5.906 min Scan# 1419
Delta R.T. 0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

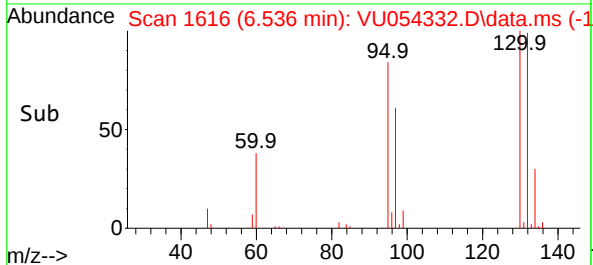
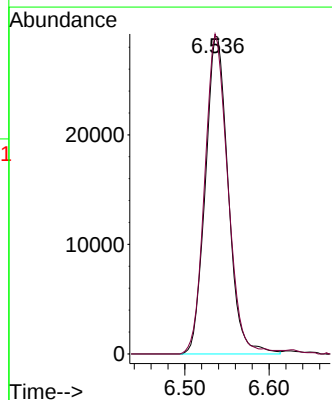
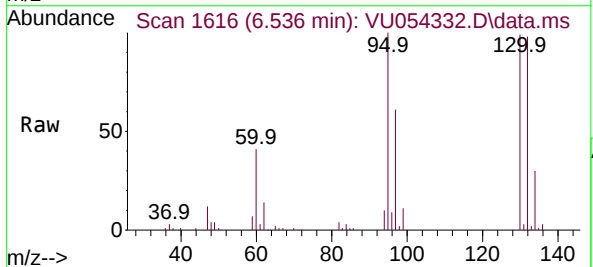
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

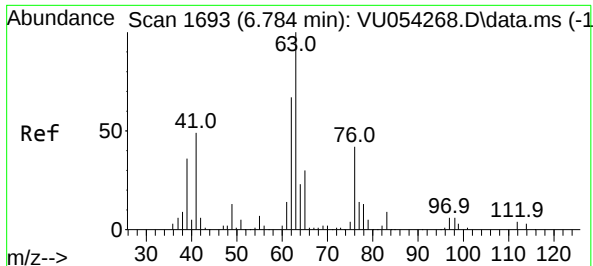
Tgt Ion: 43 Resp: 124735
Ion Ratio Lower Upper
43 100
61 22.1 17.4 26.0
87 14.3 12.6 18.8



#44
Trichloroethene
Concen: 19.219 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:130 Resp: 54708
Ion Ratio Lower Upper
130 100
95 100.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 21.721 ug/l

RT: 6.787 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

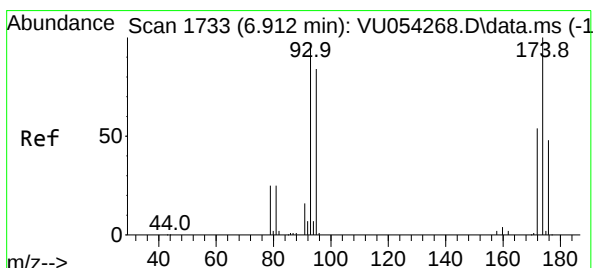
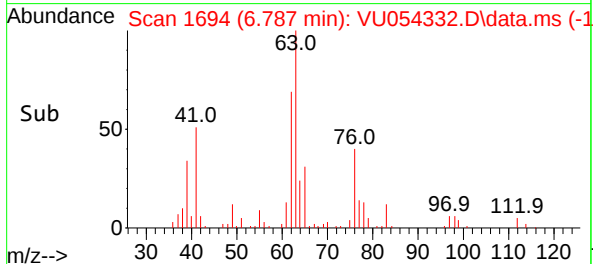
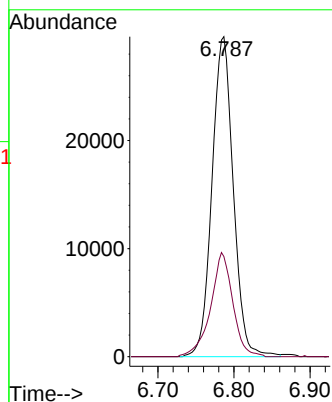
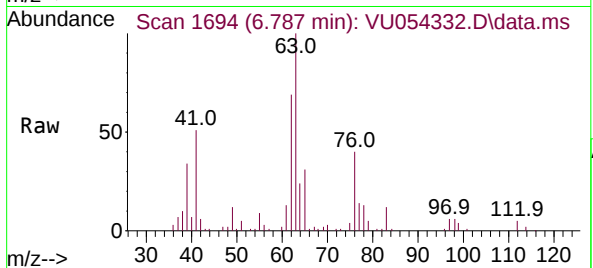
VU0531WBS01

Tgt Ion: 63 Resp: 57702

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 20.959 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

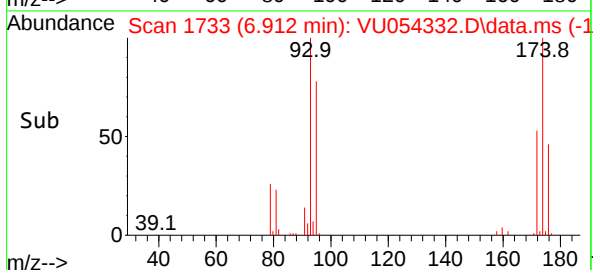
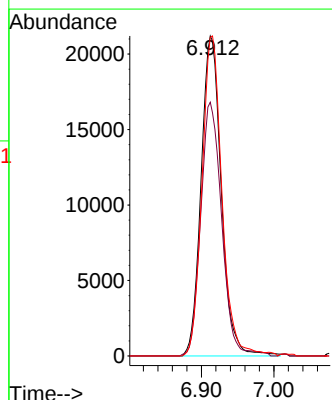
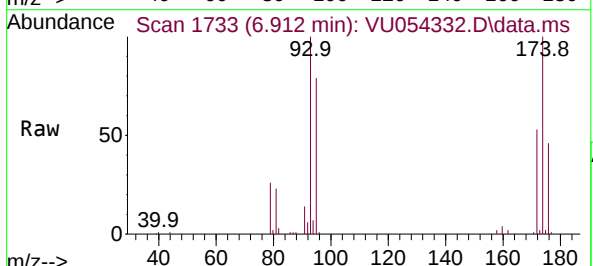
Tgt Ion: 93 Resp: 40983

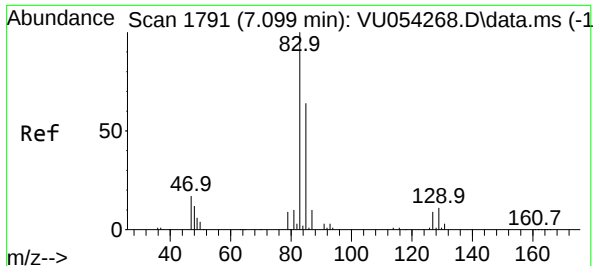
Ion Ratio Lower Upper

93 100

95 82.3 66.3 99.5

174 98.6 88.2 132.4





#47

Bromodichloromethane

Concen: 20.690 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

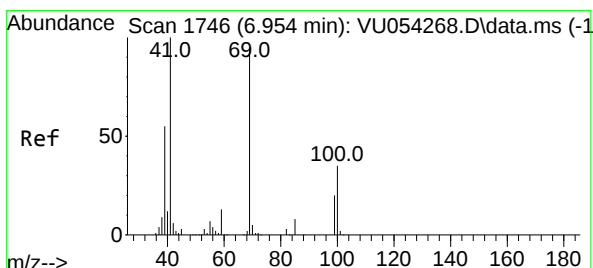
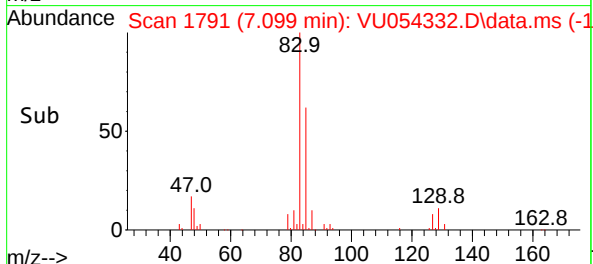
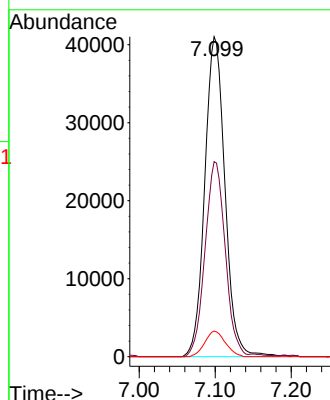
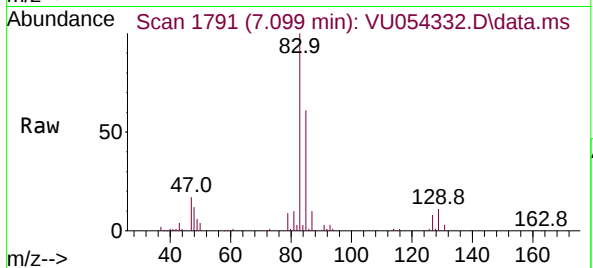
Tgt Ion: 83 Resp: 75662

Ion Ratio Lower Upper

83 100

85 60.9 51.4 77.2

127 8.0 7.1 10.7



#48

Methyl methacrylate

Concen: 21.054 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

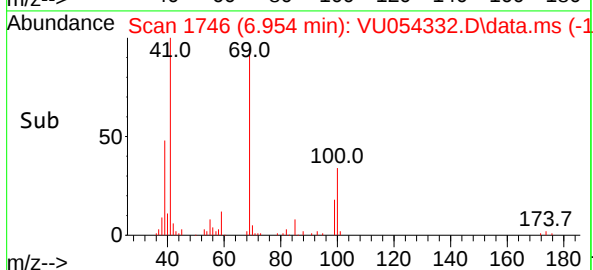
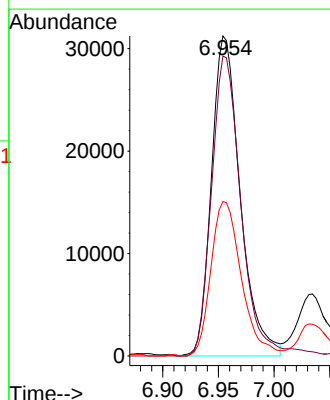
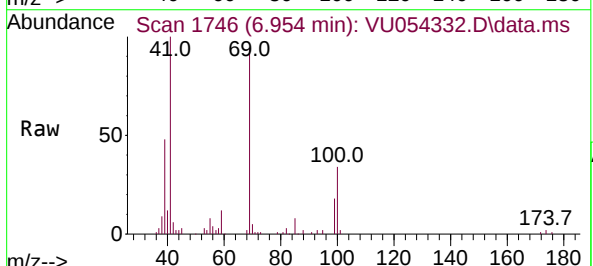
Tgt Ion: 41 Resp: 56033

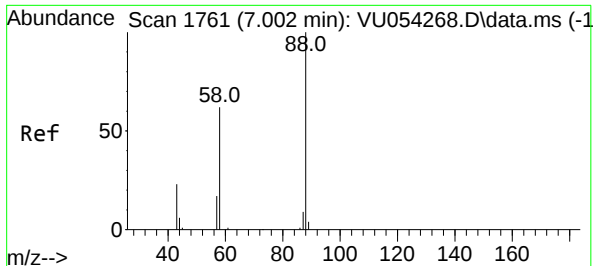
Ion Ratio Lower Upper

41 100

69 96.8 79.8 119.6

39 51.3 47.9 71.9





#49

1,4-Dioxane

Concen: 439.603 ug/l

RT: 6.993 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

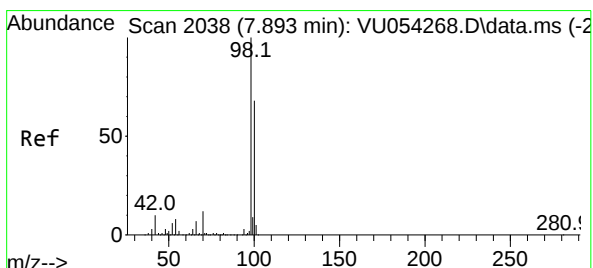
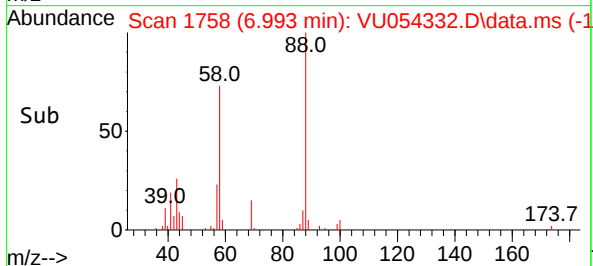
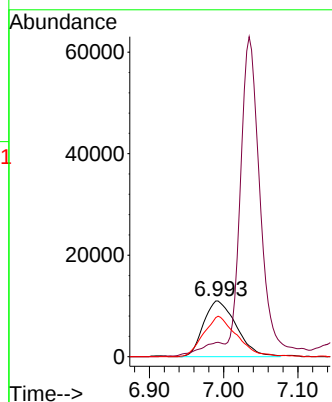
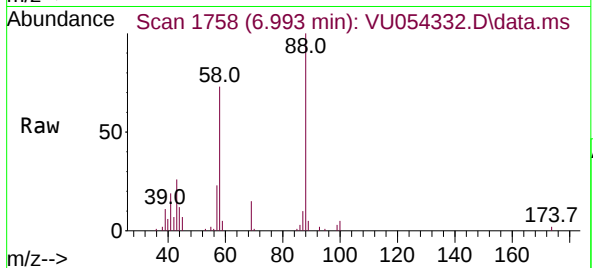
Tgt Ion: 88 Resp: 33776

Ion Ratio Lower Upper

88 100

43 20.3 0.0 0.0#

58 72.9 15.4 23.0#



#50

Toluene-d8

Concen: 51.968 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. -0.000 min

Lab File: VU054332.D

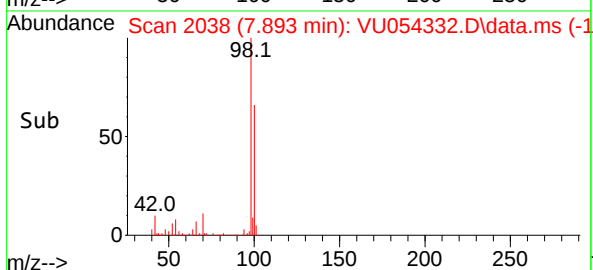
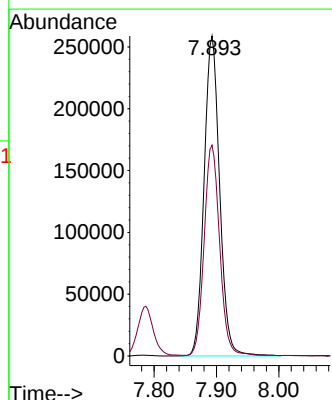
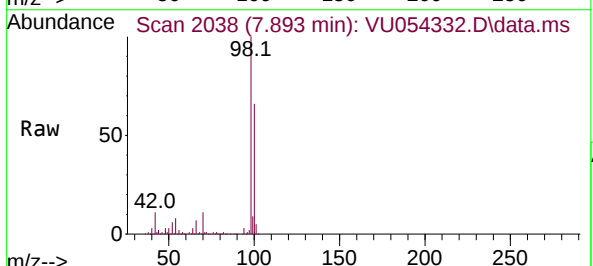
Acq: 31 May 2023 12:40

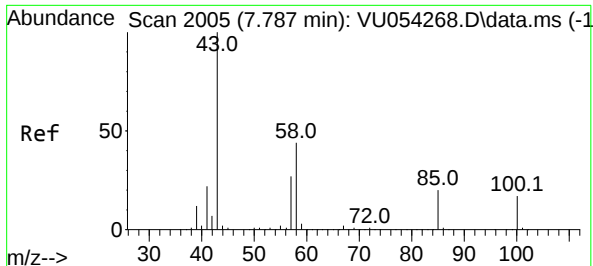
Tgt Ion: 98 Resp: 449290

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 106.914 ug/l

RT: 7.783 min Scan# 2004

Delta R.T. -0.004 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

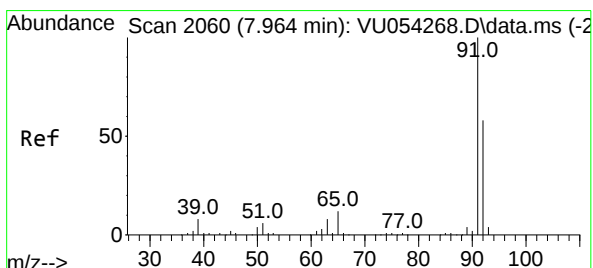
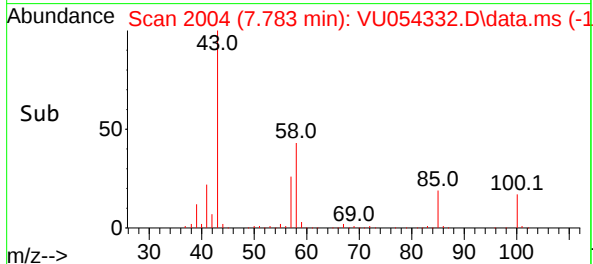
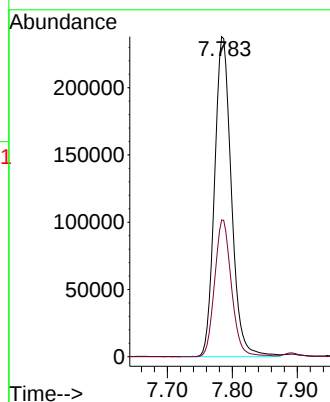
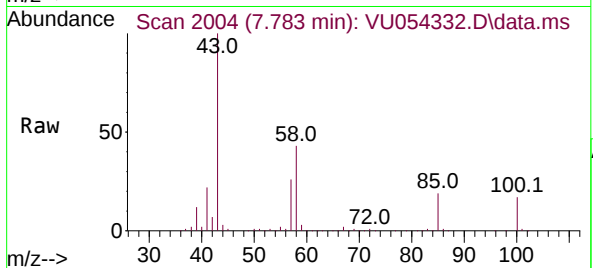
VU0531WBS01

Tgt Ion: 43 Resp: 428181

Ion Ratio Lower Upper

43 100

58 42.7 34.7 52.1



#52

Toluene

Concen: 20.114 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU054332.D

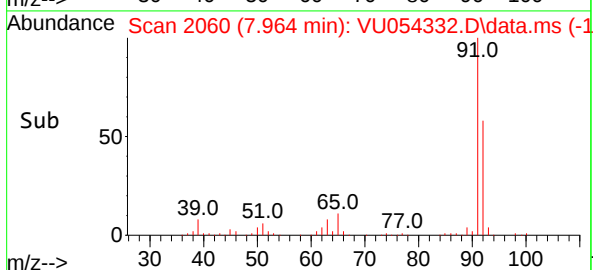
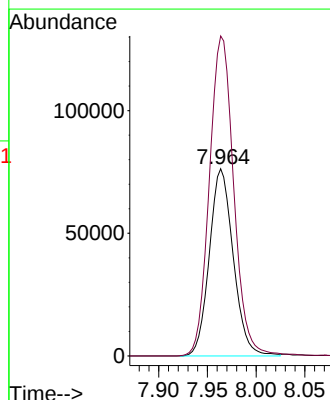
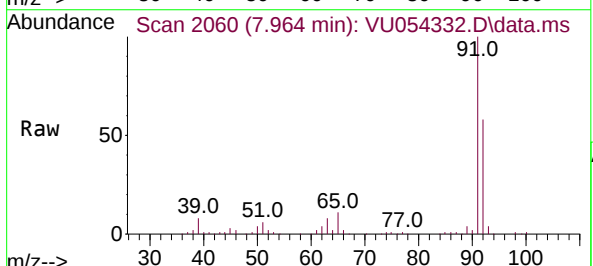
Acq: 31 May 2023 12:40

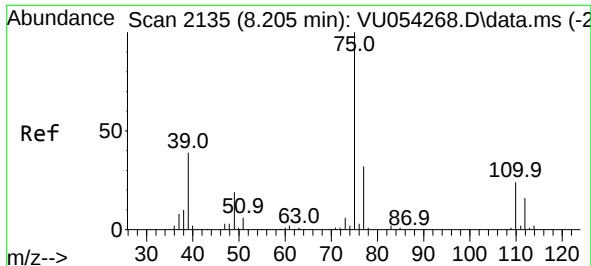
Tgt Ion: 92 Resp: 130600

Ion Ratio Lower Upper

92 100

91 174.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 20.244 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

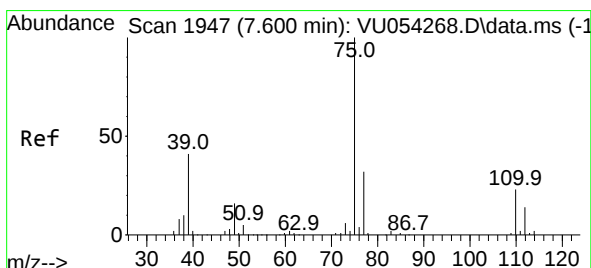
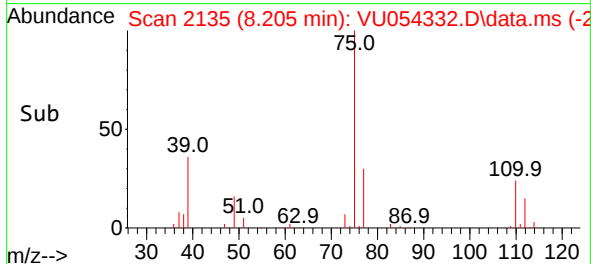
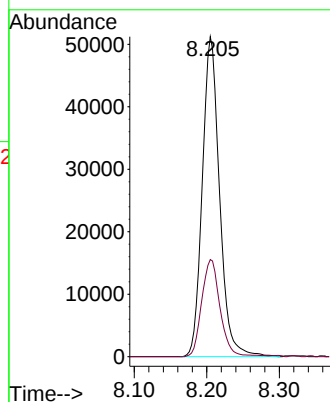
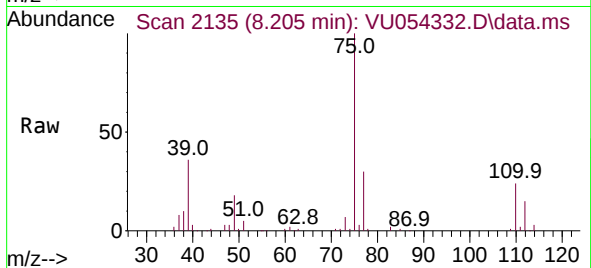
VU0531WBS01

Tgt Ion: 75 Resp: 84696

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.050 ug/l

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

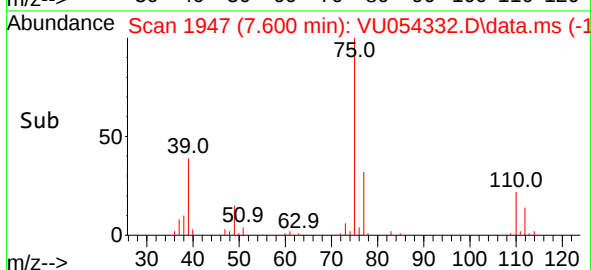
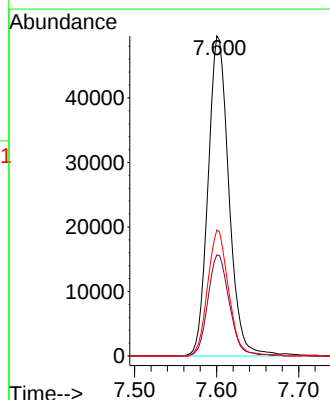
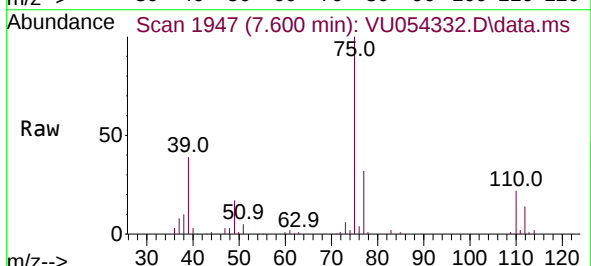
Tgt Ion: 75 Resp: 87542

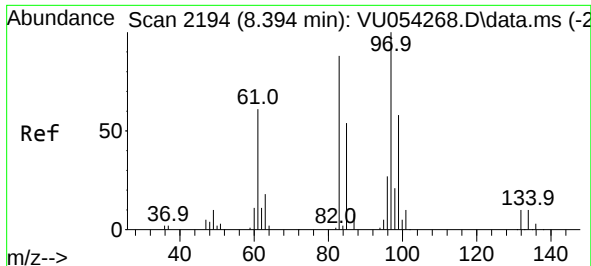
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 39.4 33.0 49.6

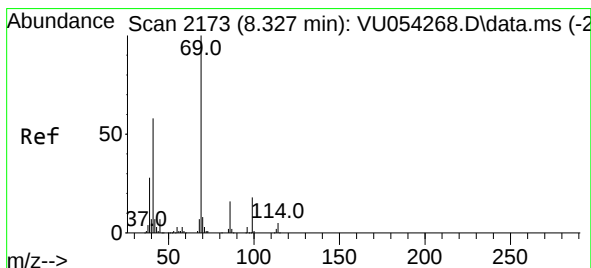
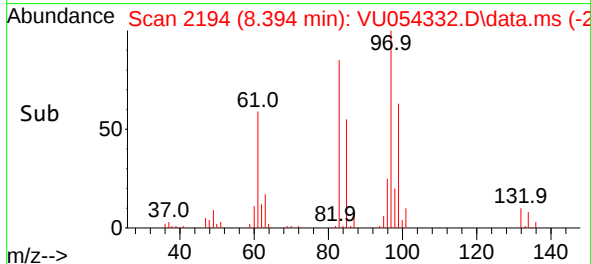
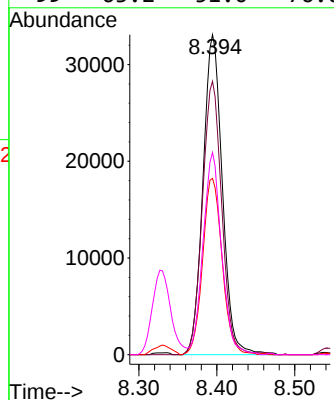
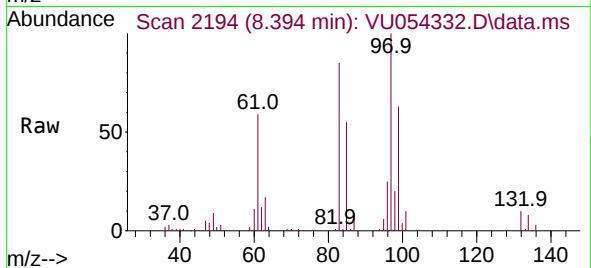




#55
1,1,2-Trichloroethane
Concen: 21.213 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

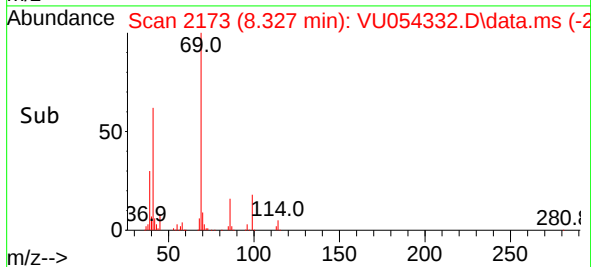
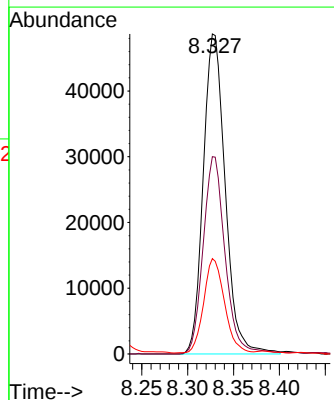
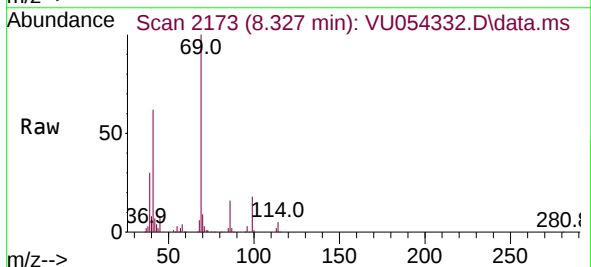
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

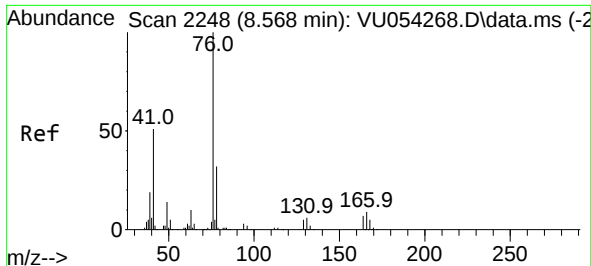
Tgt Ion:	97	Resp:	57082
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.2	105.4
85	55.1	44.6	66.8
99	63.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.229 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:	69	Resp:	81026
Ion	Ratio	Lower	Upper
69	100		
41	61.8	45.4	68.0
39	28.0	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.898 ug/l

RT: 8.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

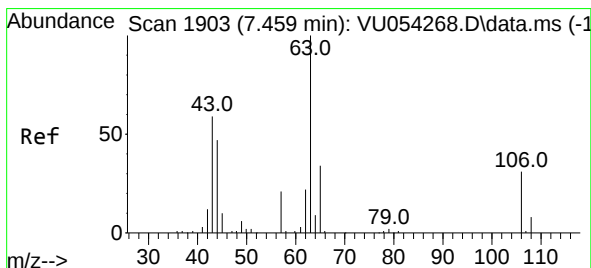
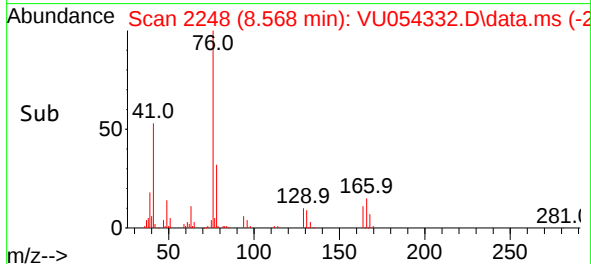
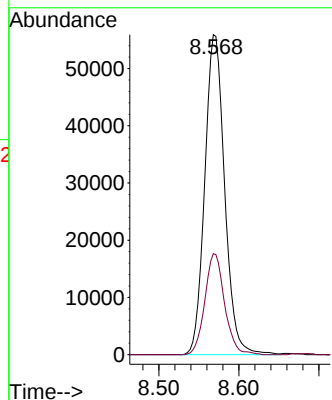
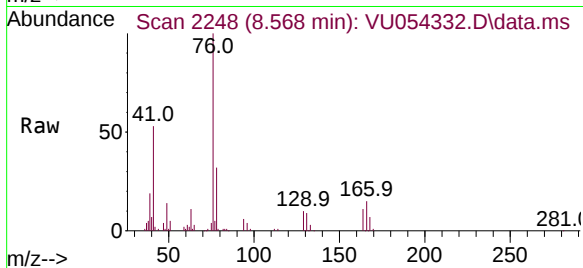
VU0531WBS01

Tgt Ion: 76 Resp: 96840

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 62.700 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054332.D

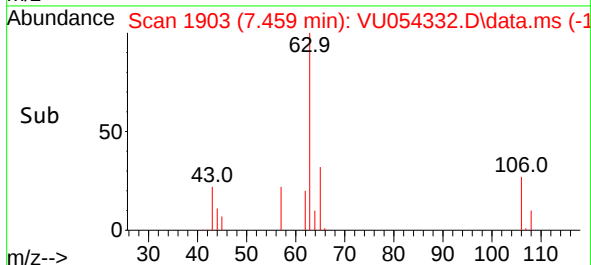
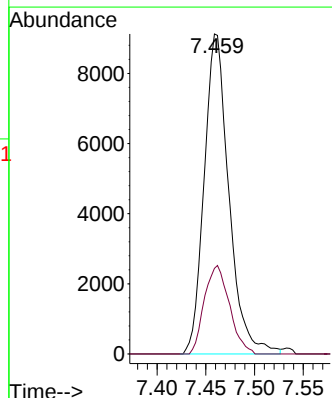
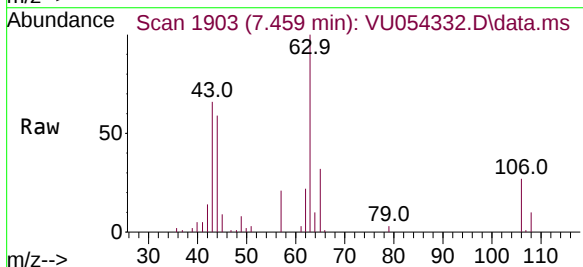
Acq: 31 May 2023 12:40

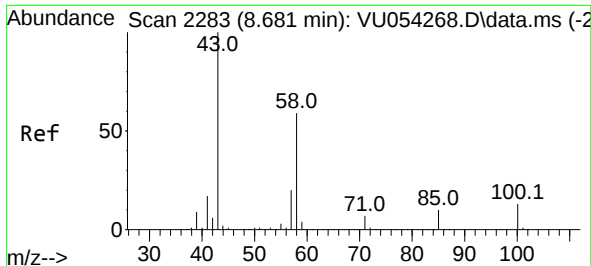
Tgt Ion: 63 Resp: 16102

Ion Ratio Lower Upper

63 100

106 28.0 23.1 34.7

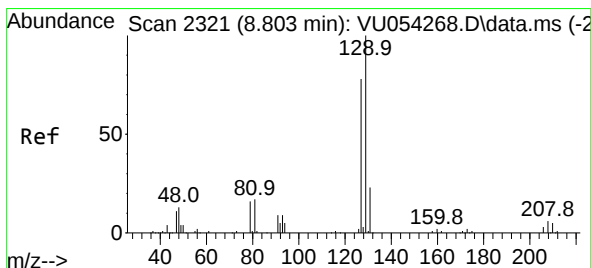
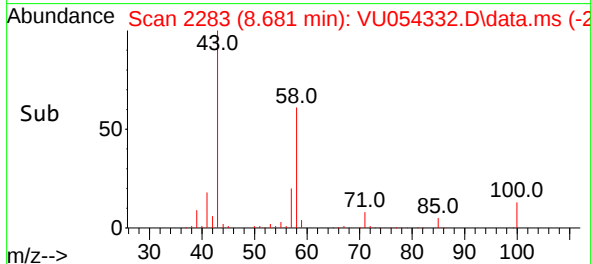
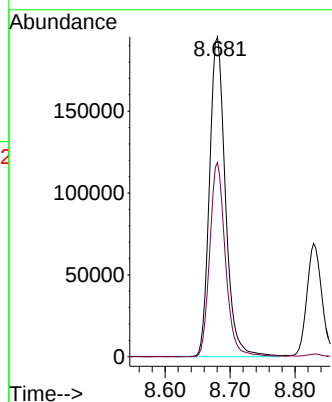
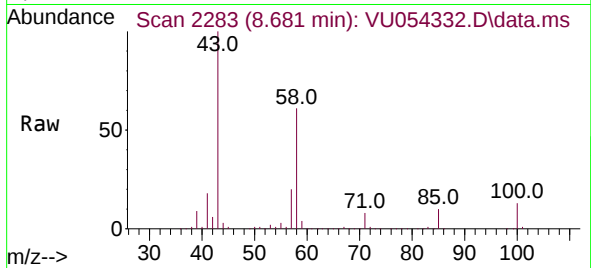




#59
2-Hexanone
Concen: 105.301 ug/l
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

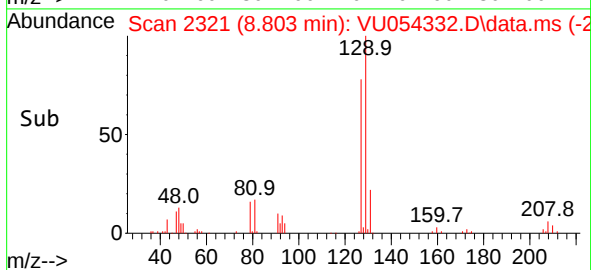
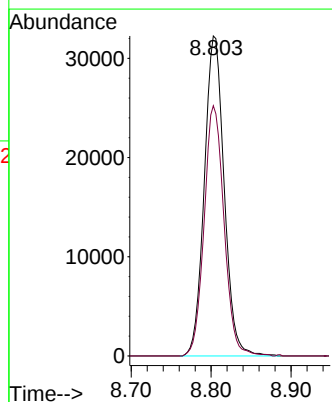
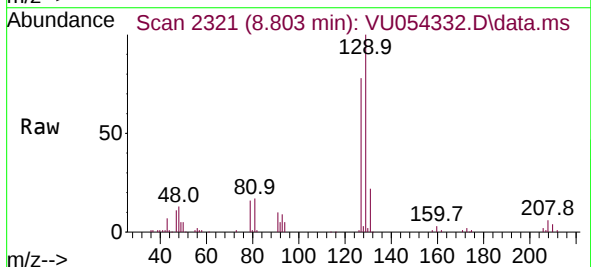
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

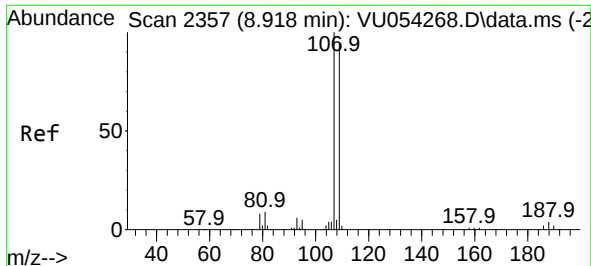
Tgt Ion: 43 Resp: 333140
Ion Ratio Lower Upper
43 100
58 59.7 30.3 90.8



#60
Dibromochloromethane
Concen: 20.425 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 129 Resp: 55840
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

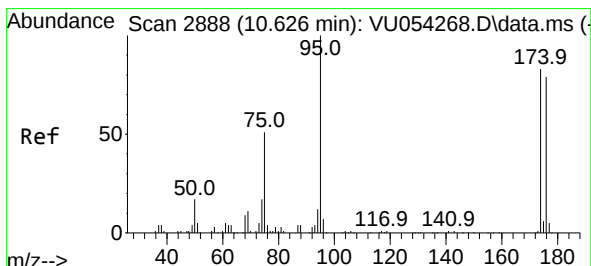
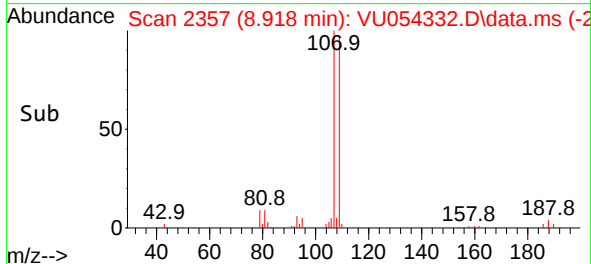
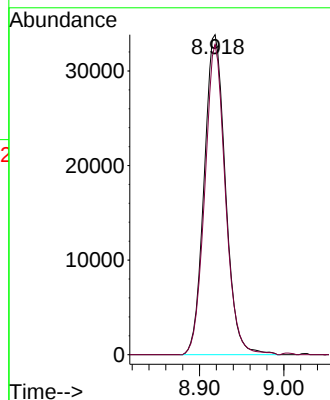
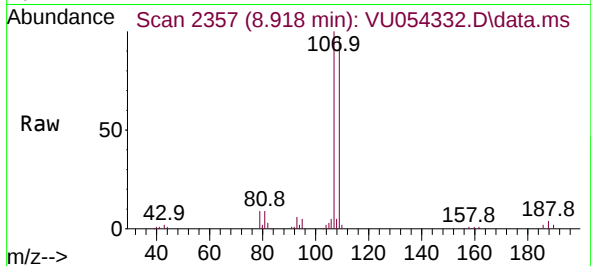




#61
1,2-Dibromoethane
Concen: 20.333 ug/l
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

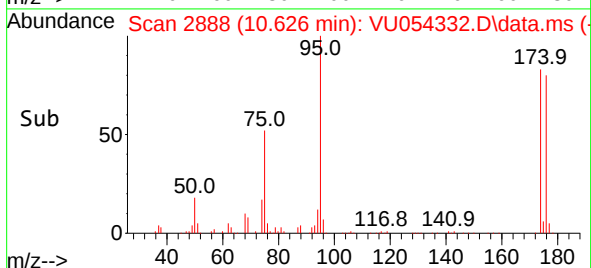
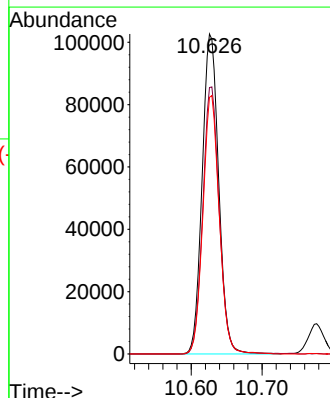
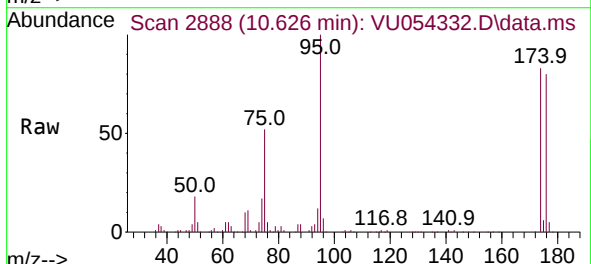
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

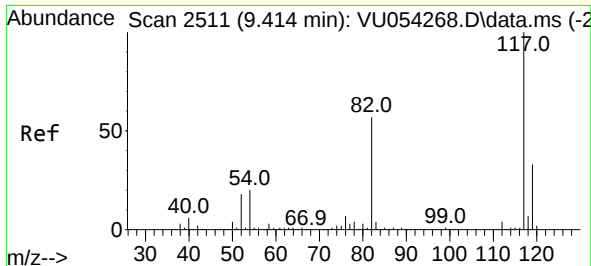
Tgt Ion:107 Resp: 59547
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.613 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 95 Resp: 166313
Ion Ratio Lower Upper
95 100
174 82.9 0.0 182.0
176 79.6 0.0 177.8

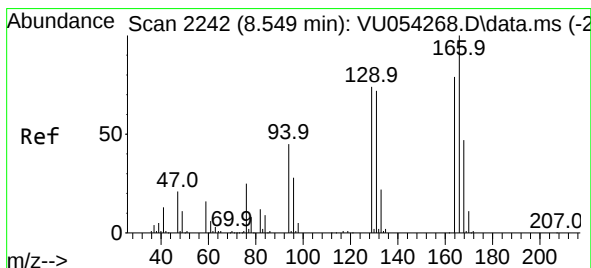
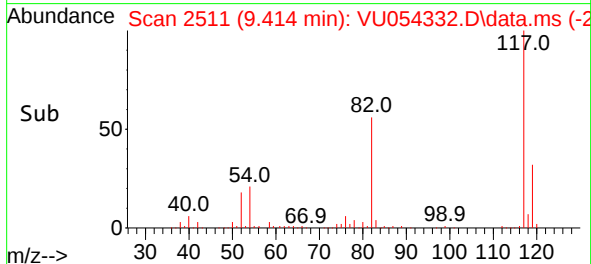
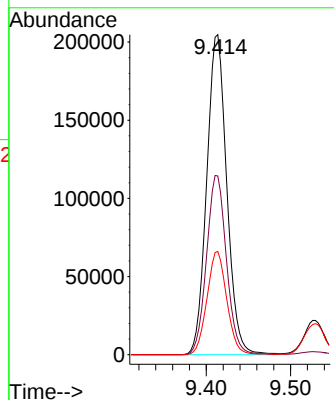
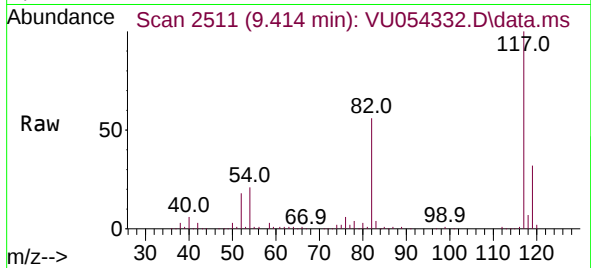




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

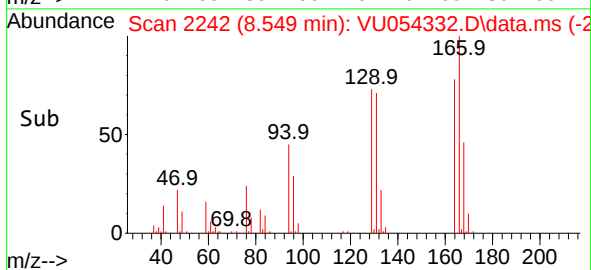
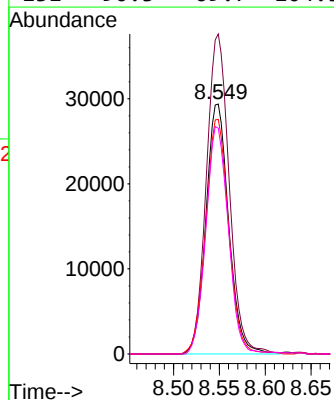
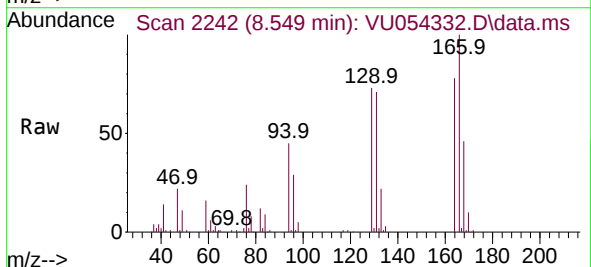
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

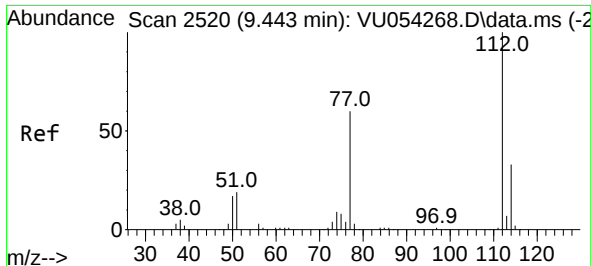
Tgt Ion:117 Resp: 339414
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 19.899 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:164 Resp: 50833
Ion Ratio Lower Upper
164 100
166 128.0 100.0 150.0
129 93.8 72.0 108.0
131 90.3 69.7 104.5

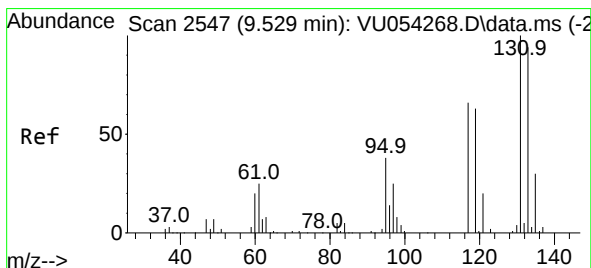
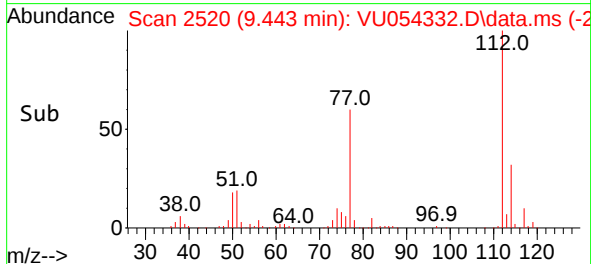
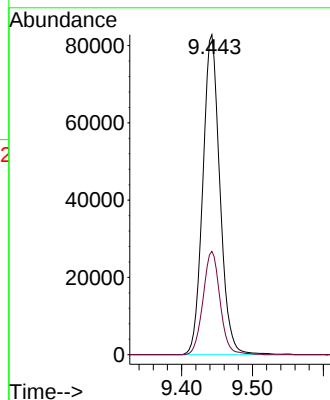
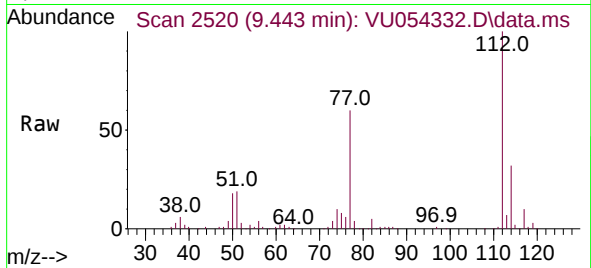




#65
Chlorobenzene
Concen: 19.525 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

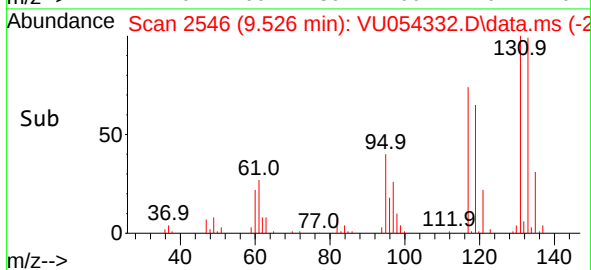
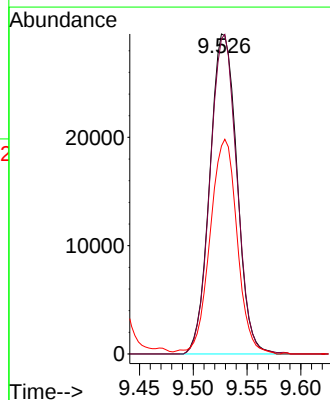
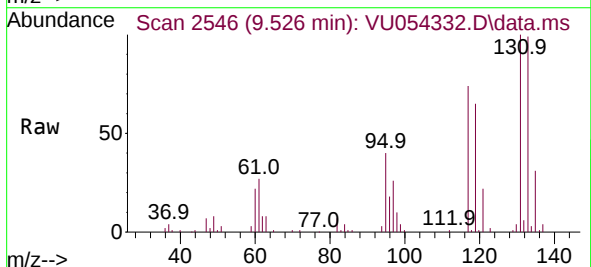
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

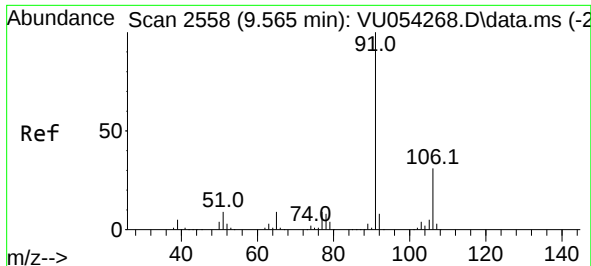
Tgt Ion:112 Resp: 138538
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.133 ug/l
RT: 9.526 min Scan# 2546
Delta R.T. -0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:131 Resp: 51824
Ion Ratio Lower Upper
131 100
133 98.4 48.4 145.0
119 67.0 33.9 101.6





#67

Ethyl Benzene

Concen: 19.802 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

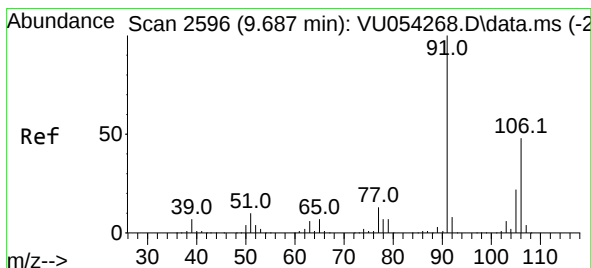
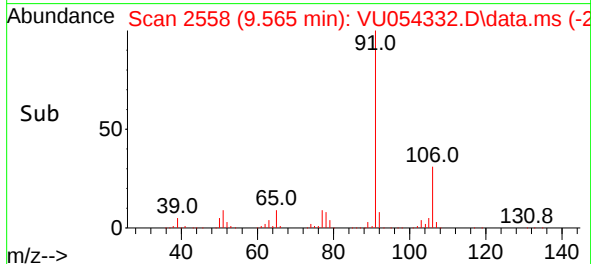
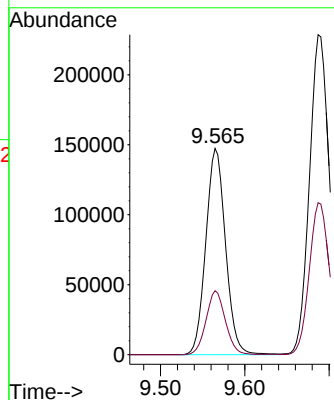
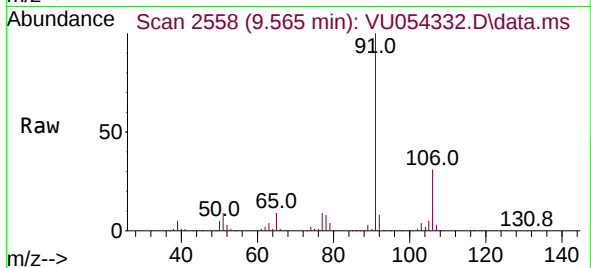
VU0531WBS01

Tgt Ion: 91 Resp: 240220

Ion Ratio Lower Upper

91 100

106 31.0 25.6 38.4



#68

m/p-Xylenes

Concen: 40.027 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. -0.000 min

Lab File: VU054332.D

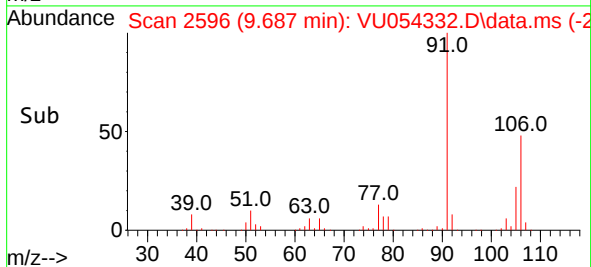
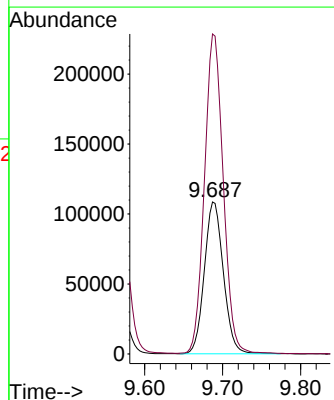
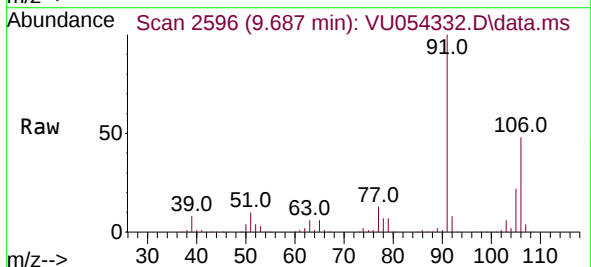
Acq: 31 May 2023 12:40

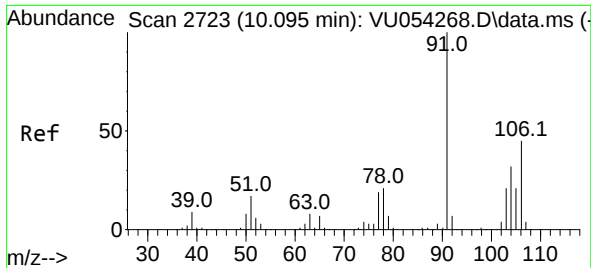
Tgt Ion: 106 Resp: 184051

Ion Ratio Lower Upper

106 100

91 207.9 157.2 235.8

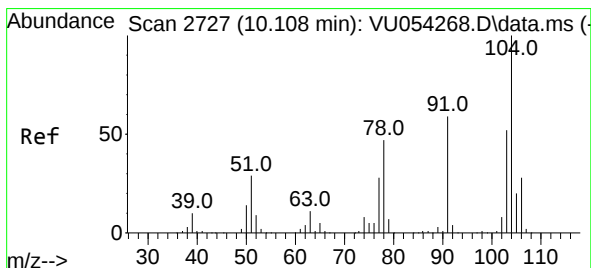
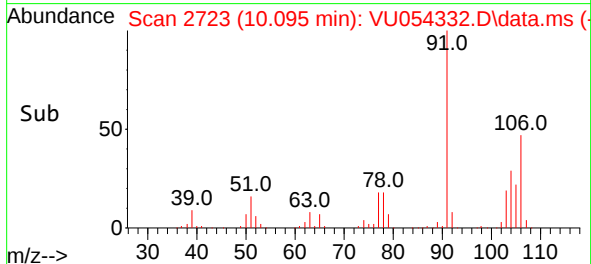
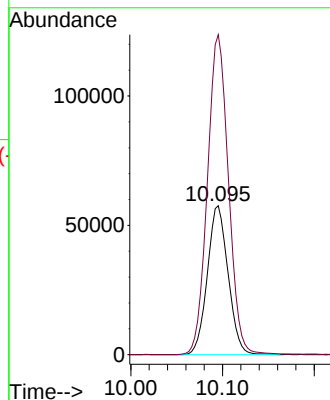
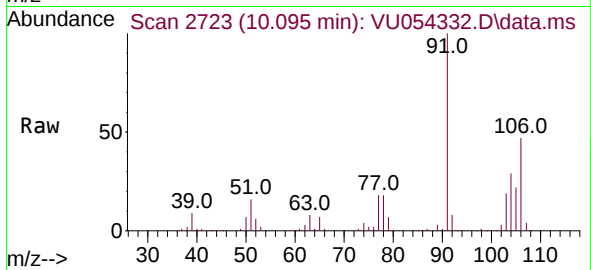




#69
o-Xylene
Concen: 20.320 ug/l
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

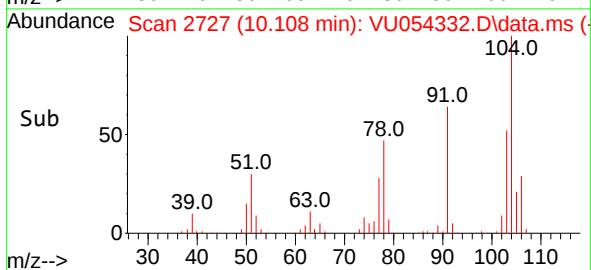
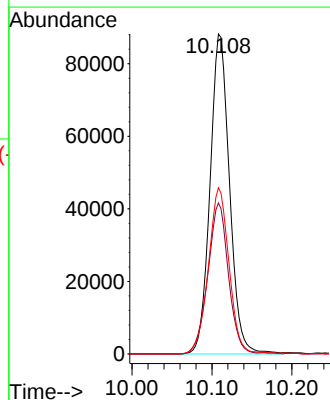
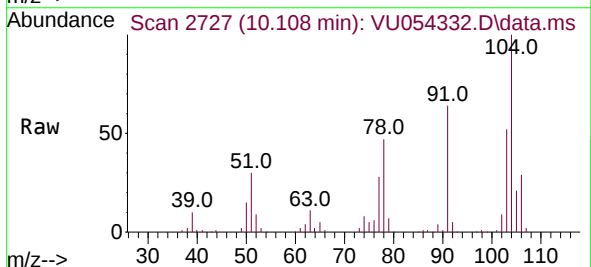
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

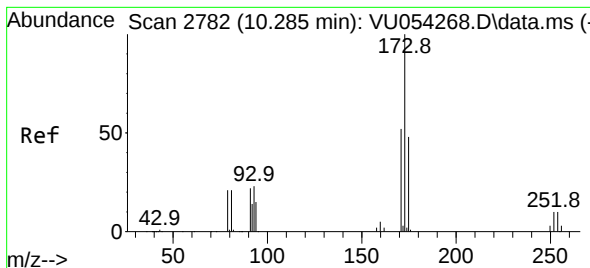
Tgt Ion:106 Resp: 90449
Ion Ratio Lower Upper
106 100
91 218.3 103.5 310.5



#70
Styrene
Concen: 20.215 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:104 Resp: 149225
Ion Ratio Lower Upper
104 100
78 49.9 38.0 57.0
103 55.2 43.9 65.9





#71

Bromoform

Concen: 19.454 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

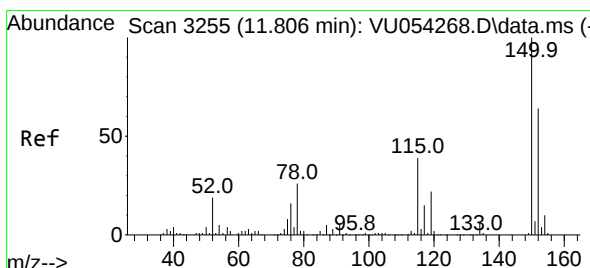
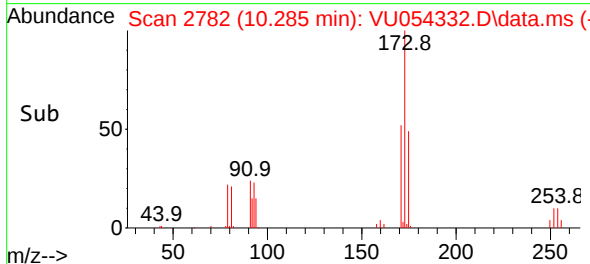
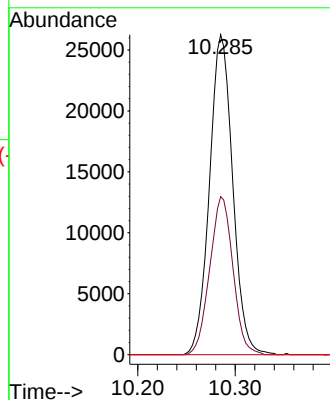
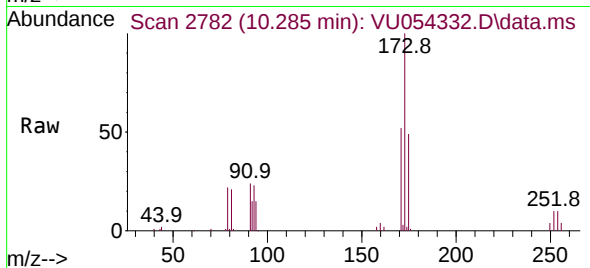
Tgt Ion:173 Resp: 43517

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

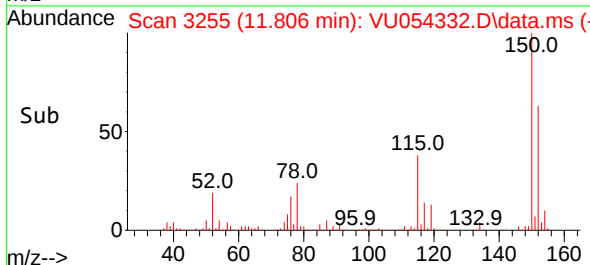
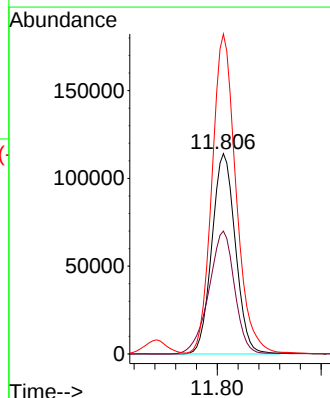
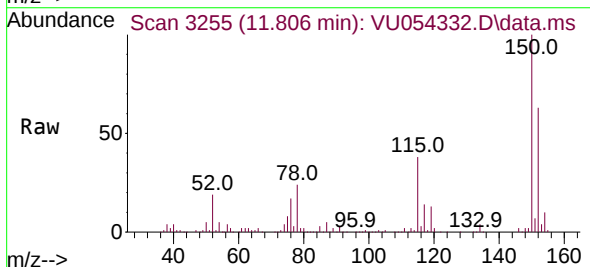
Tgt Ion:152 Resp: 179200

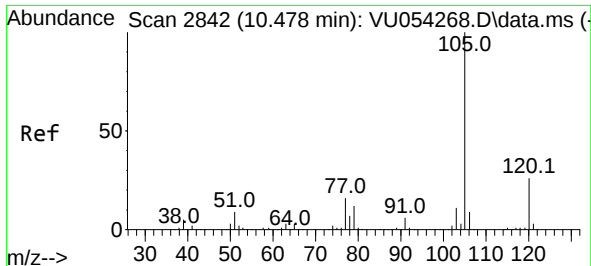
Ion Ratio Lower Upper

152 100

115 67.2 37.0 110.9

150 163.5 0.0 342.2

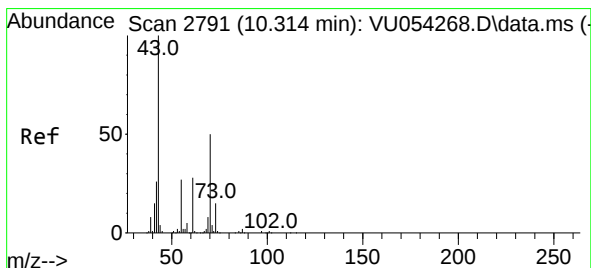
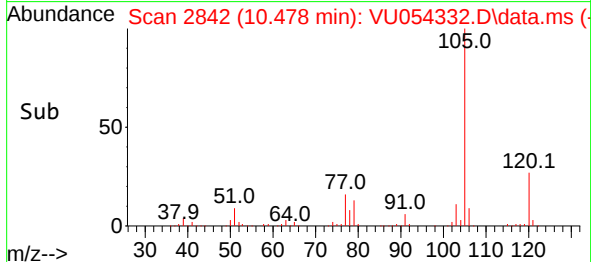
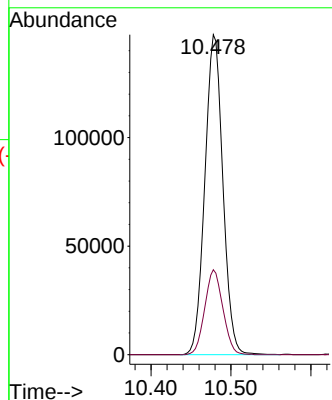
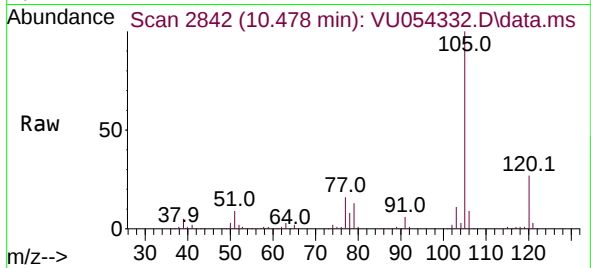




#73
Isopropylbenzene
Concen: 20.840 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

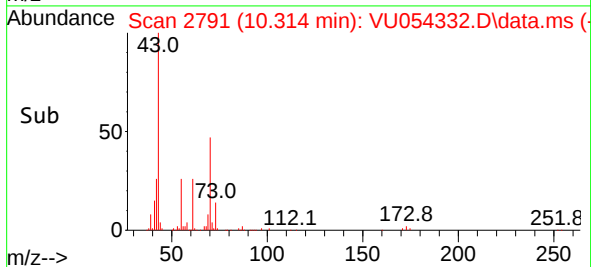
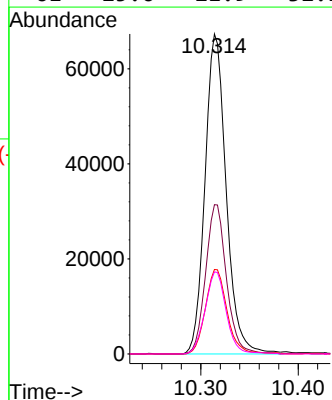
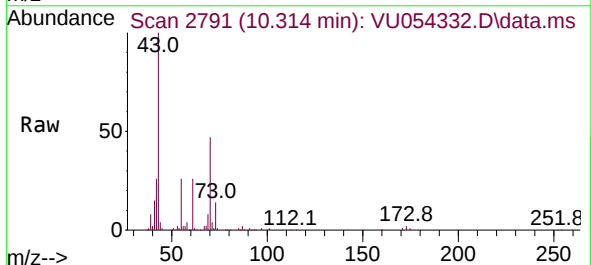
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

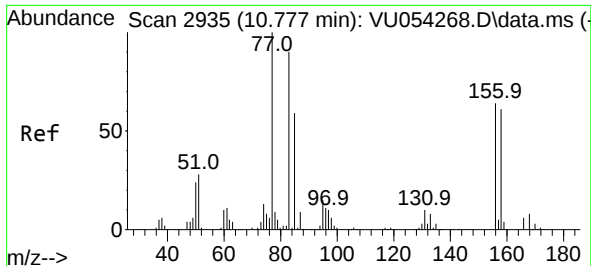
Tgt Ion:105 Resp: 231283
Ion Ratio Lower Upper
105 100
120 26.7 13.8 41.4



#74
N-ethyl acetate
Concen: 21.577 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 43 Resp: 101677
Ion Ratio Lower Upper
43 100
70 46.0 38.7 58.1
55 26.9 21.8 32.8
61 25.6 21.9 32.9

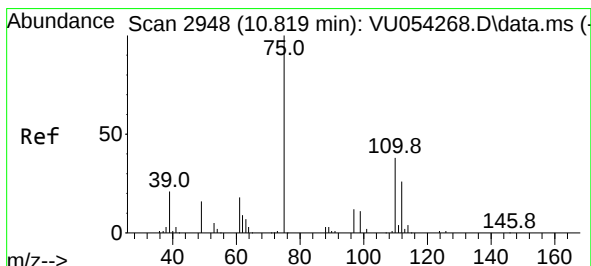
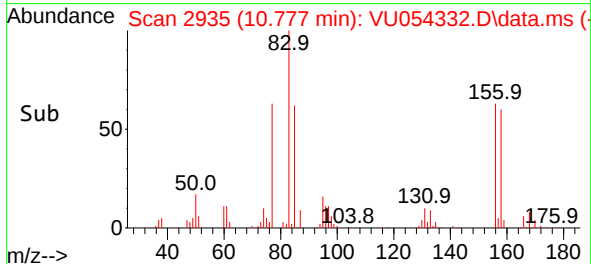
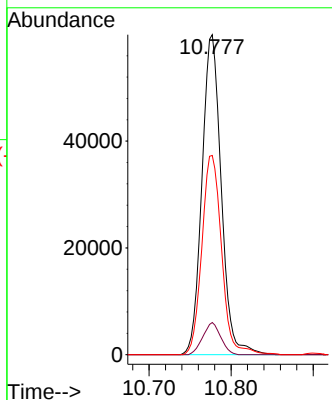
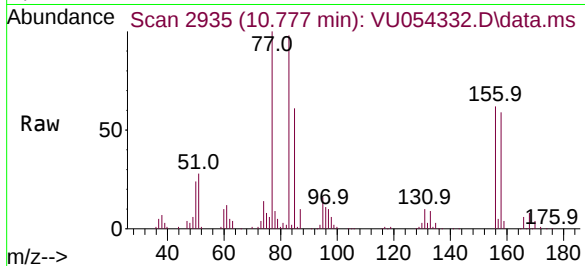




#75
1,1,2,2-Tetrachloroethane
Concen: 21.803 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

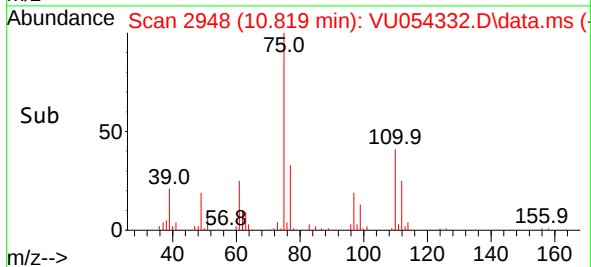
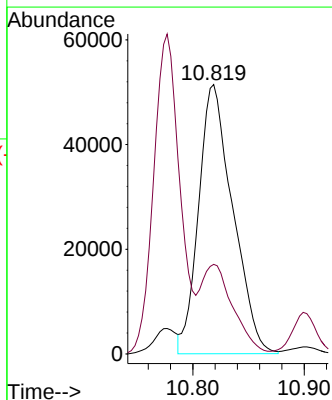
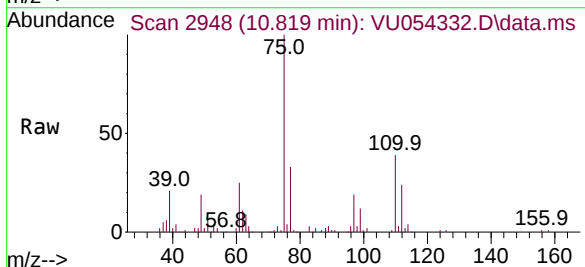
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

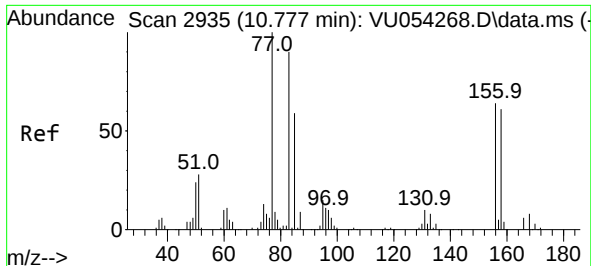
Tgt Ion: 83 Resp: 97909
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 63.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 20.964 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 75 Resp: 109643
Ion Ratio Lower Upper
75 100
77 31.0 15.8 47.3

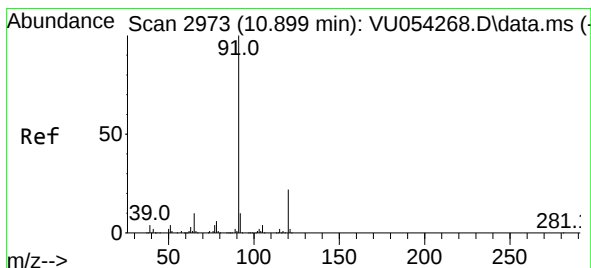
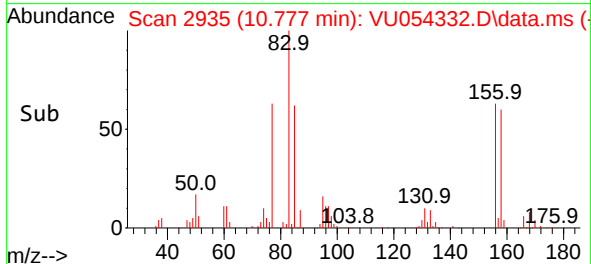
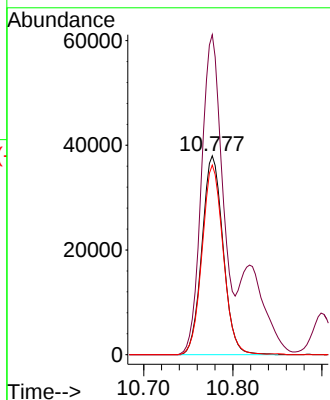
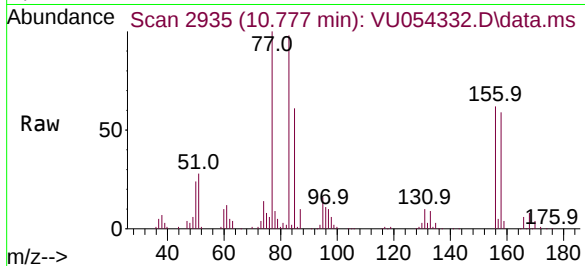




#77
Bromobenzene
Concen: 20.500 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

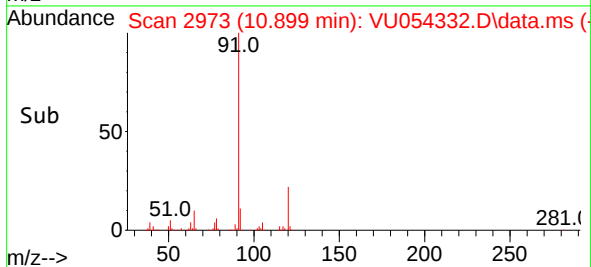
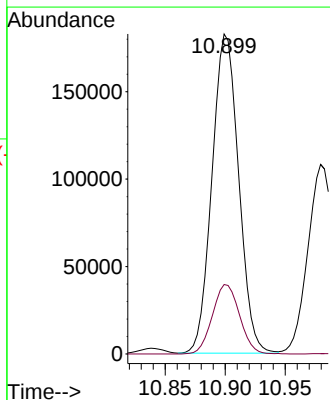
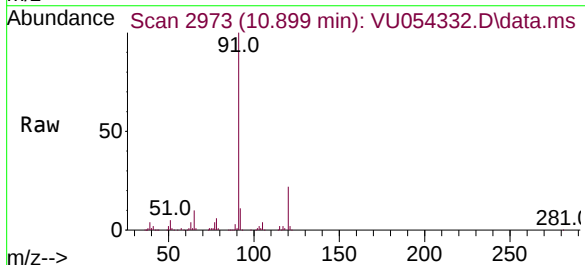
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

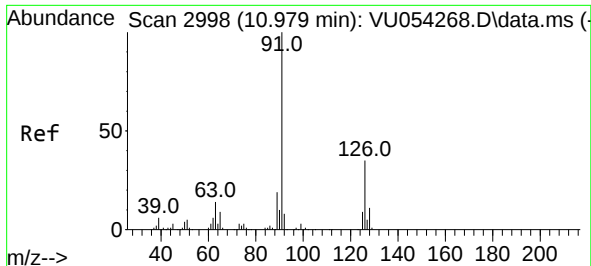
Tgt Ion:156 Resp: 62475
Ion Ratio Lower Upper
156 100
77 161.5 71.9 215.6
158 95.4 48.9 146.8



#78
n-propylbenzene
Concen: 20.735 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 91 Resp: 281893
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

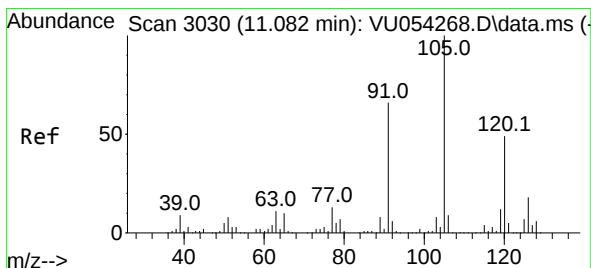
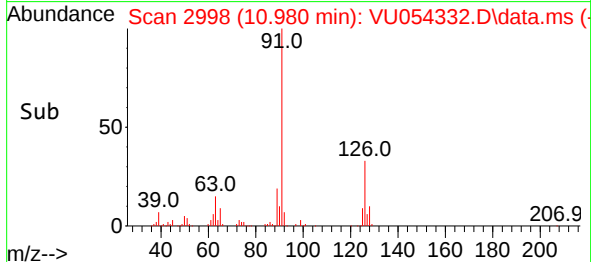
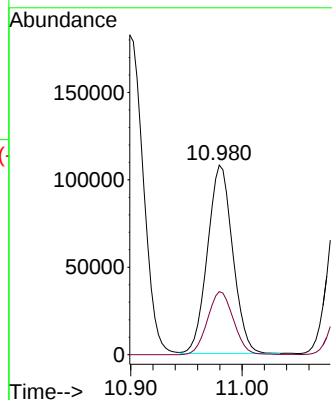
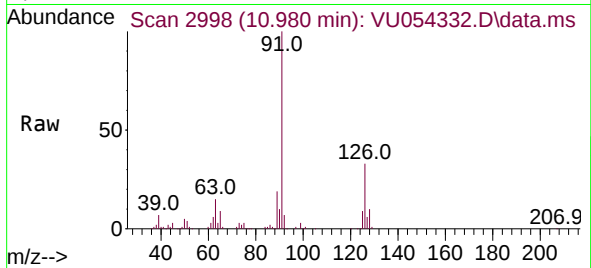




#79
2-Chlorotoluene
Concen: 20.619 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. 0.001 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

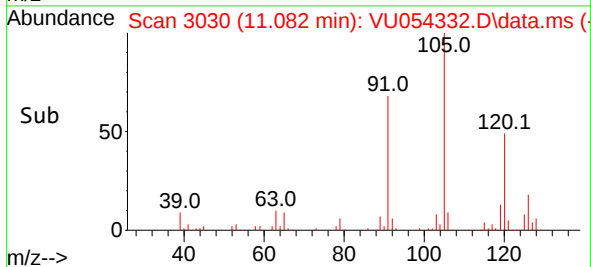
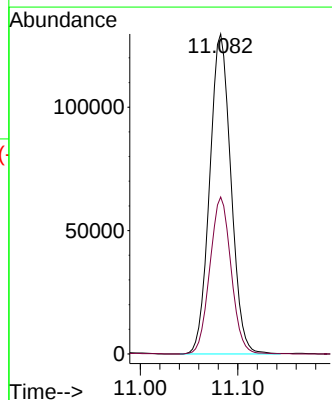
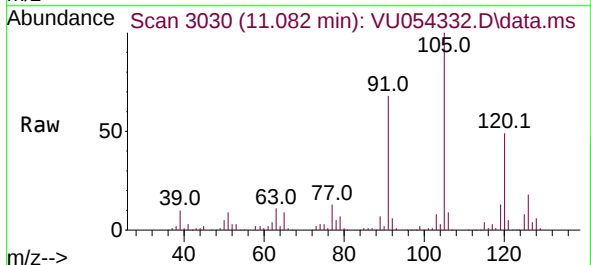
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

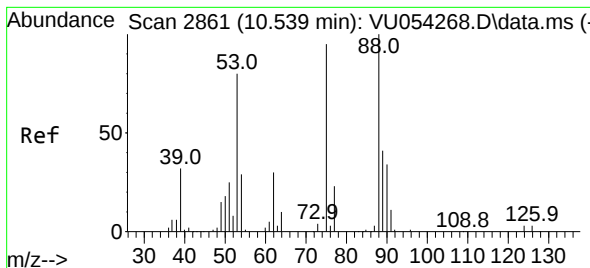
Tgt Ion: 91 Resp: 169710
Ion Ratio Lower Upper
91 100
126 34.5 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.842 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 105 Resp: 196707
Ion Ratio Lower Upper
105 100
120 48.9 25.3 75.9

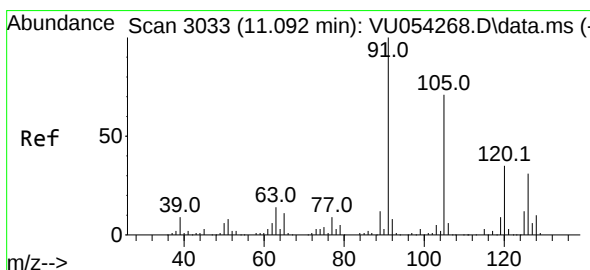
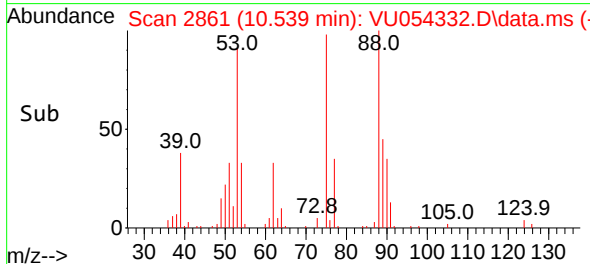
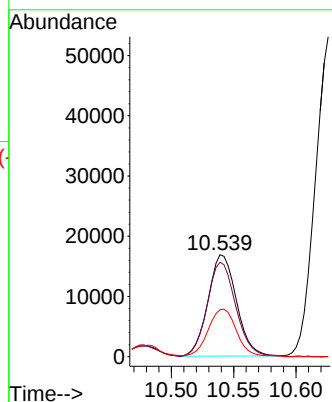
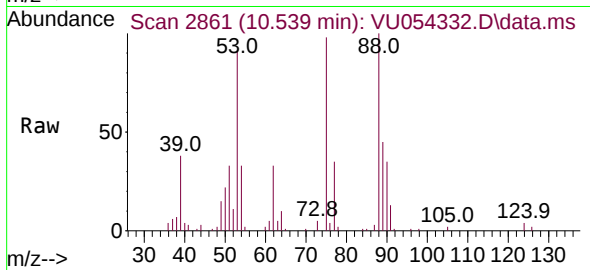




#81
trans-1,4-Dichloro-2-butene
Concen: 19.426 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

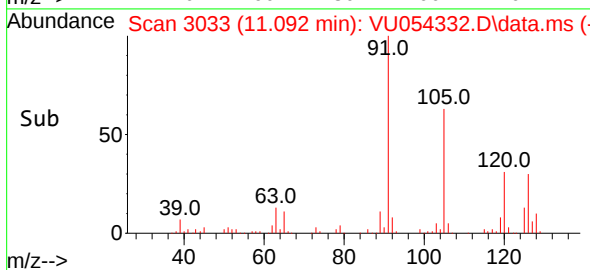
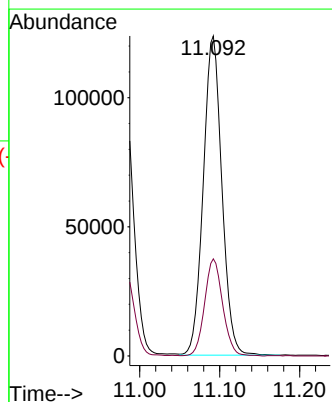
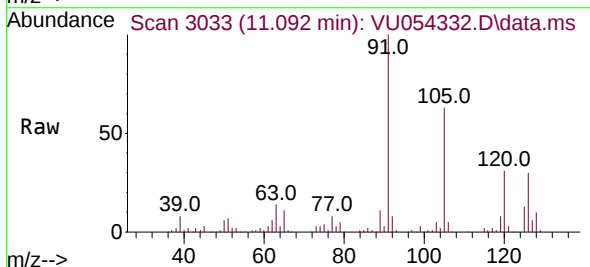
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

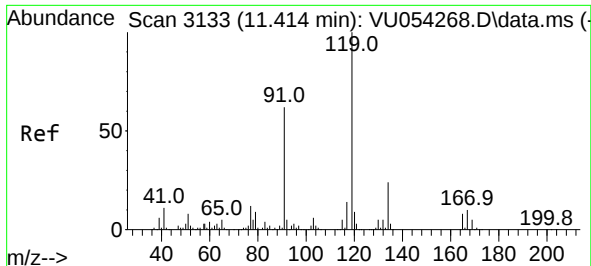
Tgt Ion:	75	Resp:	26681
Ion	Ratio	Lower	Upper
75	100		
53	94.3	69.2	103.8
89	47.2	37.0	55.6



#82
4-Chlorotoluene
Concen: 20.740 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:	91	Resp:	200296
Ion	Ratio	Lower	Upper
91	100		
126	29.5	16.1	48.2

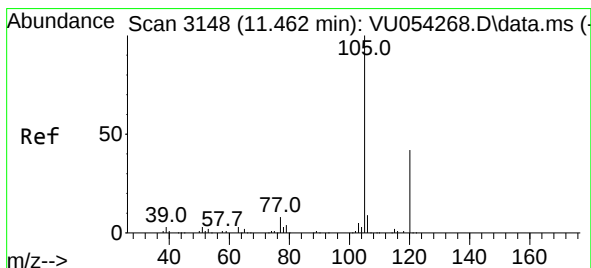
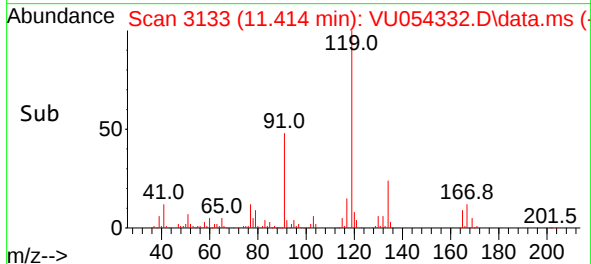
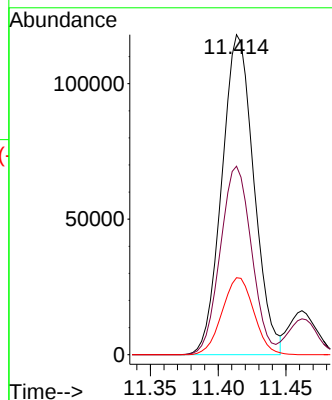
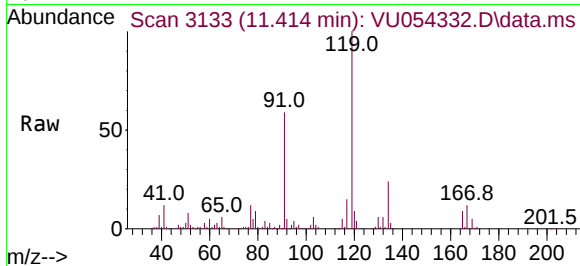




#83
tert-Butylbenzene
Concen: 20.585 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

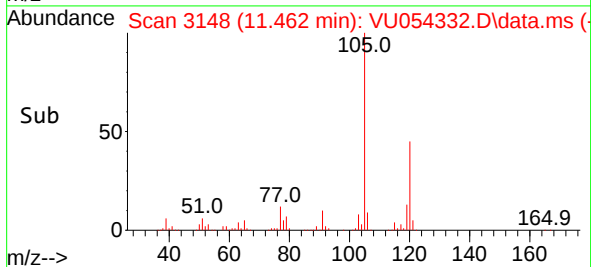
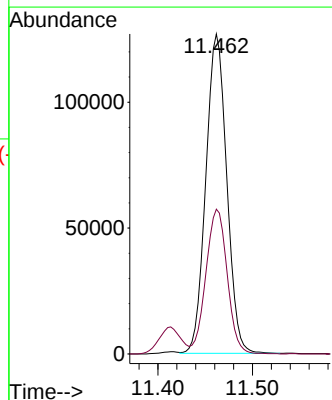
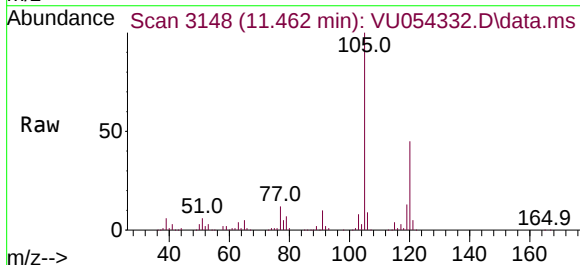
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

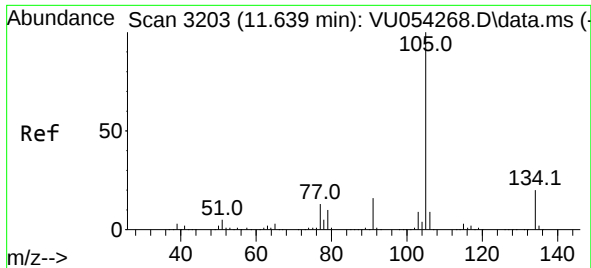
Tgt Ion:119 Resp: 194278
Ion Ratio Lower Upper
119 100
91 57.4 26.8 80.3
134 23.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.753 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion:105 Resp: 194863
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.3

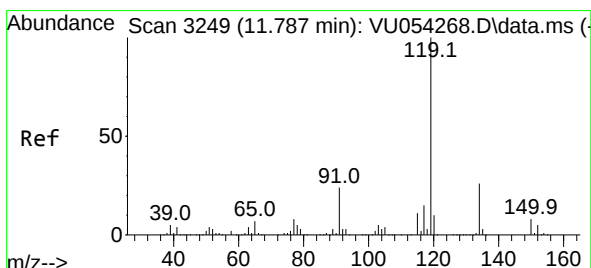
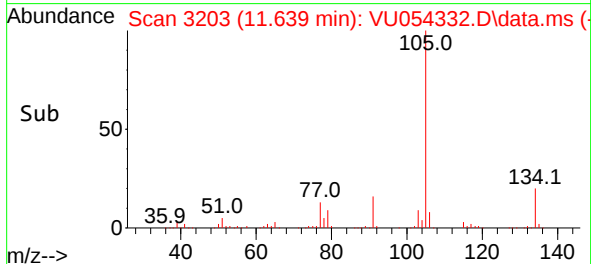
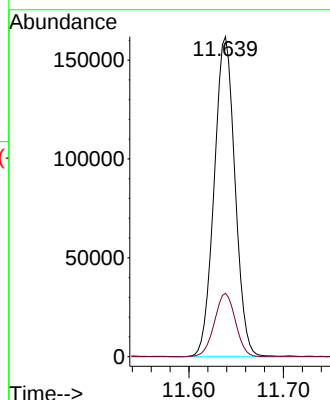
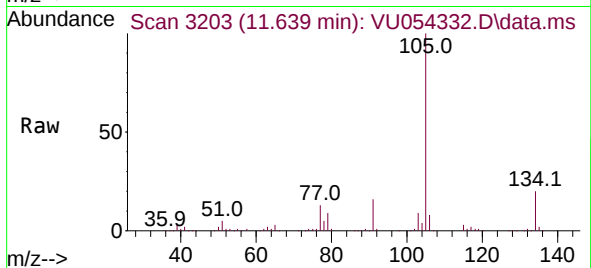




#85
 sec-Butylbenzene
 Concen: 20.655 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

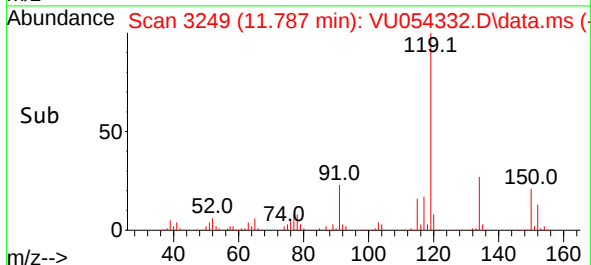
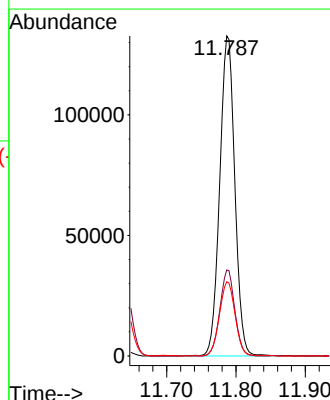
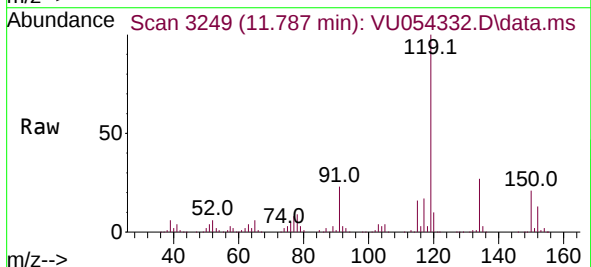
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

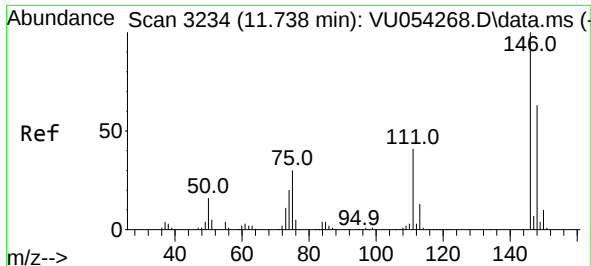
Tgt Ion:105 Resp: 247359
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.998 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054332.D
 Acq: 31 May 2023 12:40

Tgt Ion:119 Resp: 201429
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 24.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.662 ug/l

RT: 11.742 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

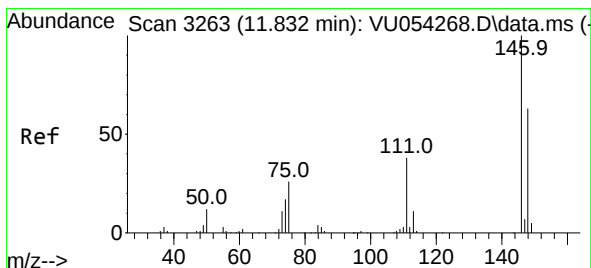
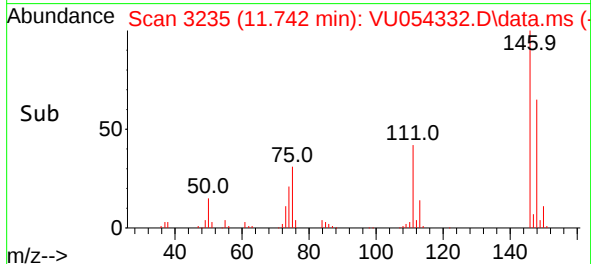
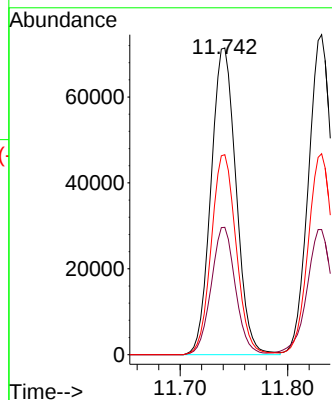
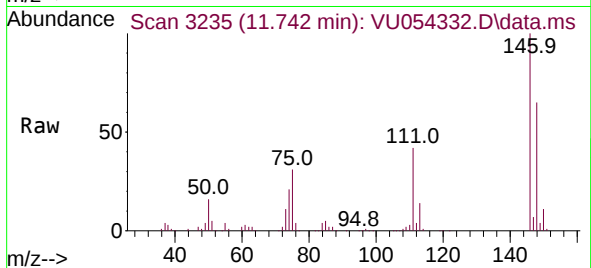
Tgt Ion:146 Resp: 116026

Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.5

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.252 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

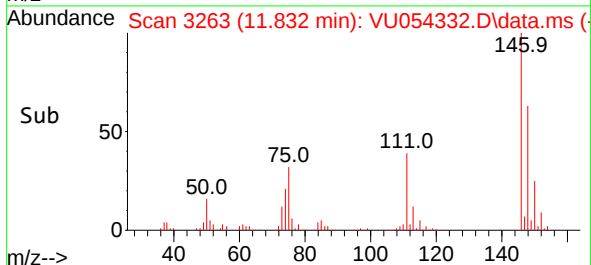
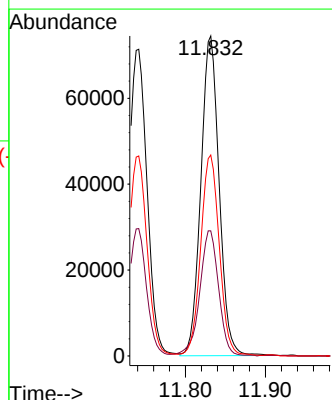
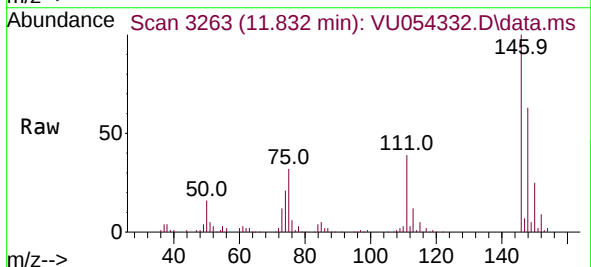
Tgt Ion:146 Resp: 118685

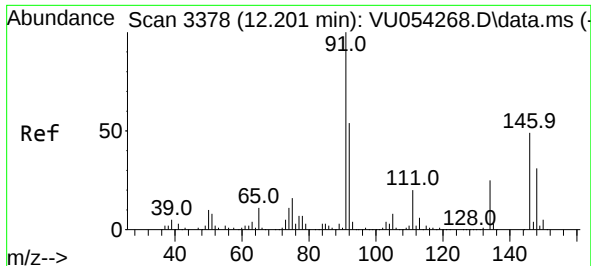
Ion Ratio Lower Upper

146 100

111 40.6 18.5 55.5

148 63.6 31.9 95.7

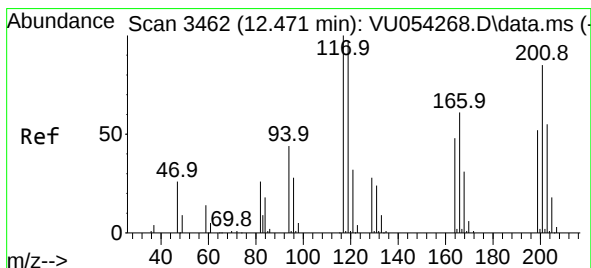
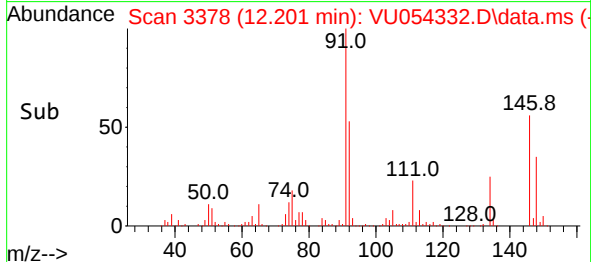
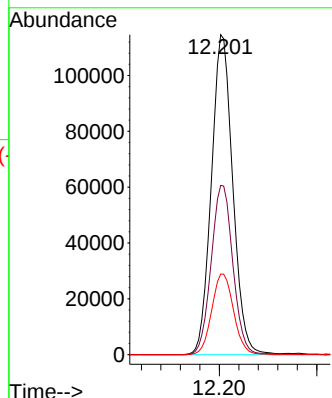
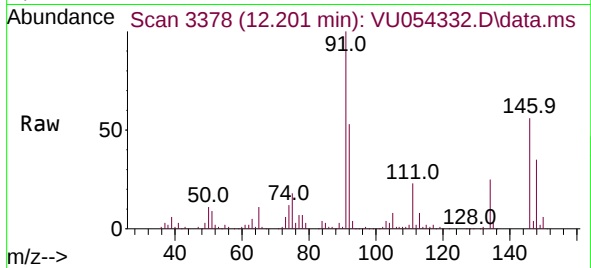




#89
n-Butylbenzene
Concen: 18.449 ug/l
RT: 12.201 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

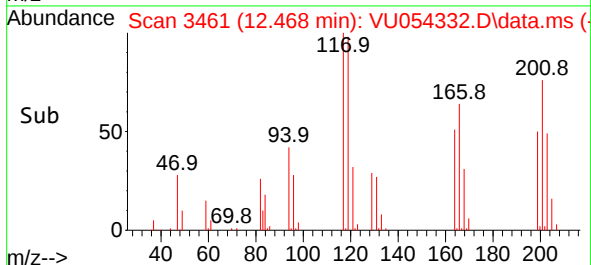
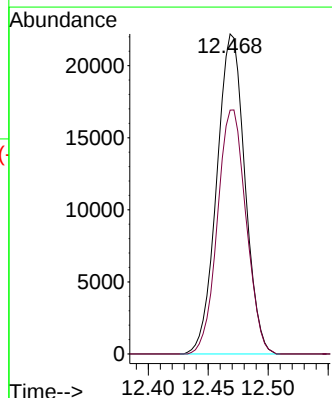
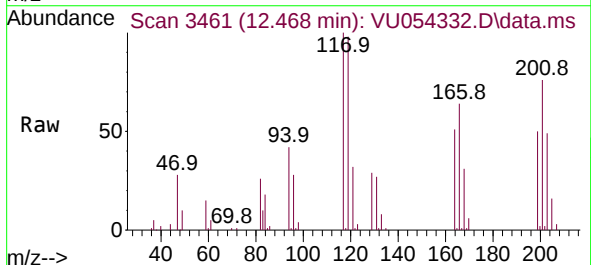
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

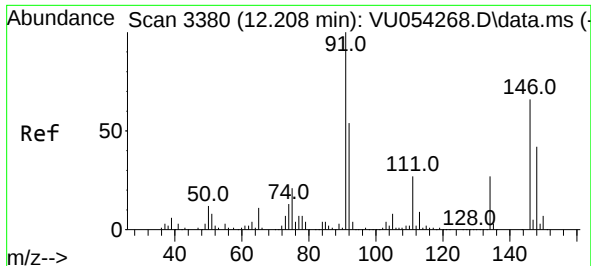
Tgt Ion: 91 Resp: 174922
Ion Ratio Lower Upper
91 100
92 53.8 26.2 78.6
134 25.7 13.5 40.4



#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.003 min
Lab File: VU054332.D
Acq: 31 May 2023 12:40

Tgt Ion: 117 Resp: 36171
Ion Ratio Lower Upper
117 100
201 77.6 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.544 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

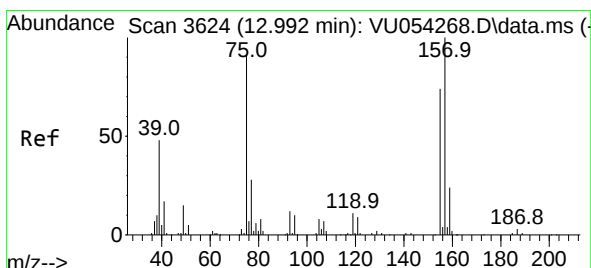
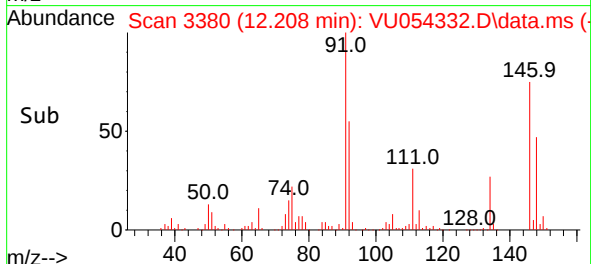
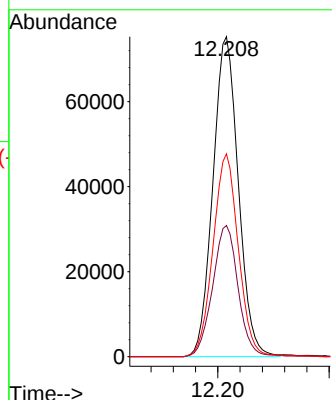
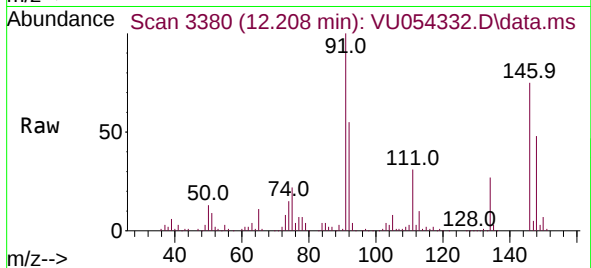
Tgt Ion:146 Resp: 119263

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.6

148 63.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.426 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

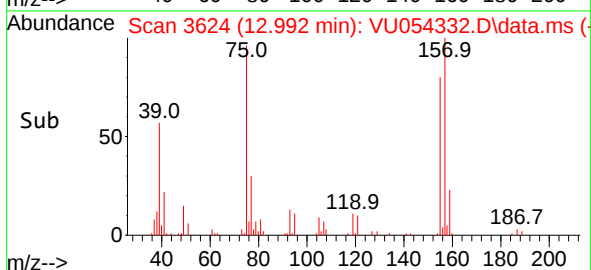
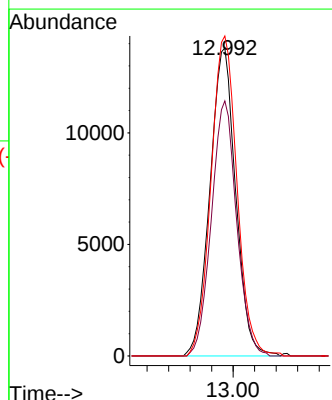
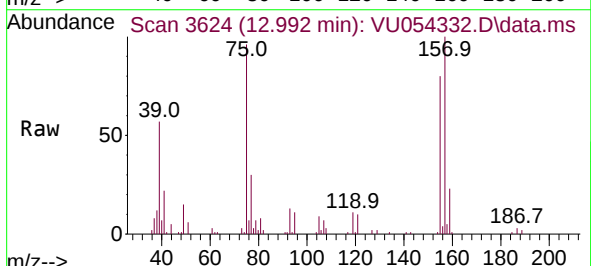
Tgt Ion: 75 Resp: 22968

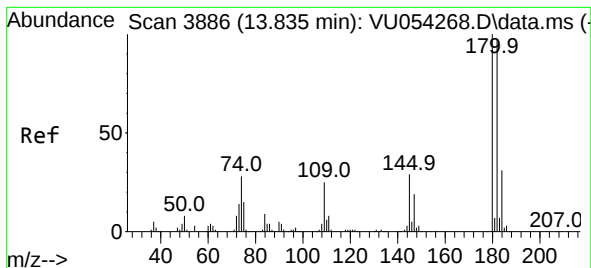
Ion Ratio Lower Upper

75 100

155 81.0 47.8 143.4

157 104.8 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 19.039 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

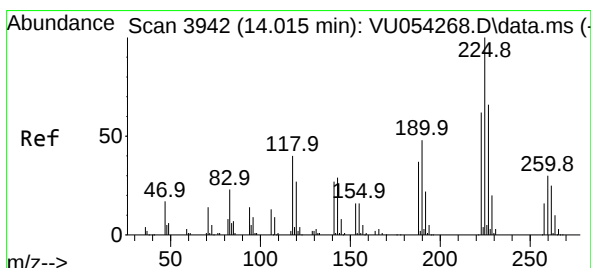
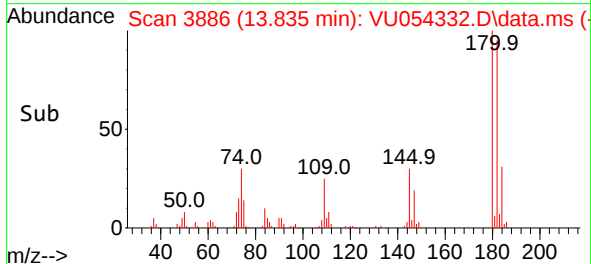
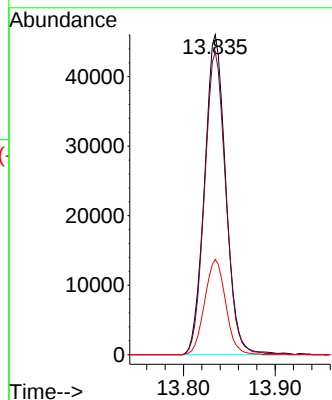
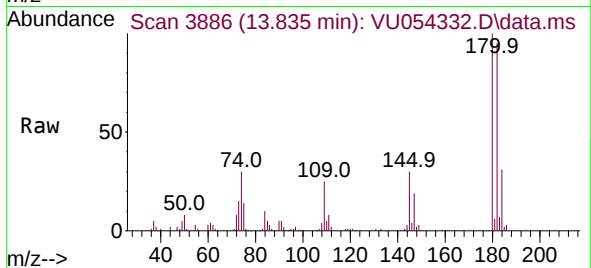
Tgt Ion:180 Resp: 74137

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 29.4 14.0 41.9



#94

Hexachlorobutadiene

Concen: 19.610 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

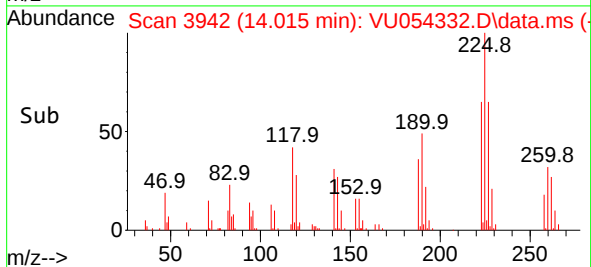
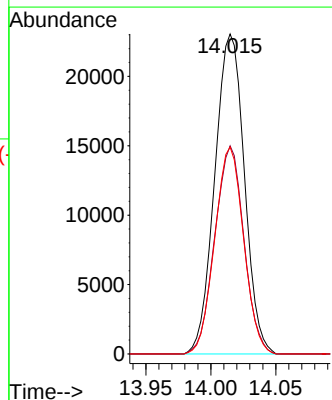
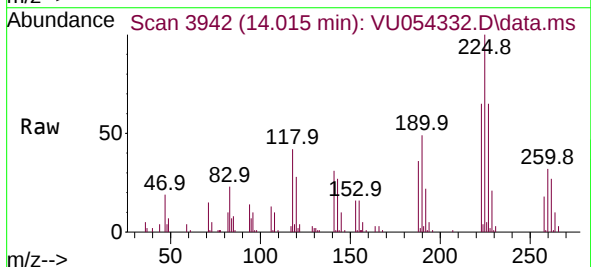
Tgt Ion:225 Resp: 36492

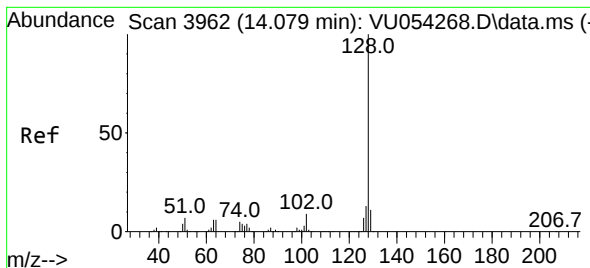
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.9

227 63.2 32.0 96.2





#95

Naphthalene

Concen: 18.811 ug/l

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

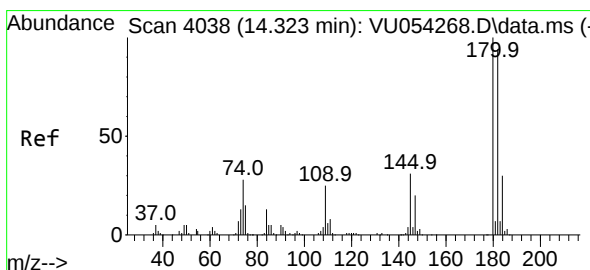
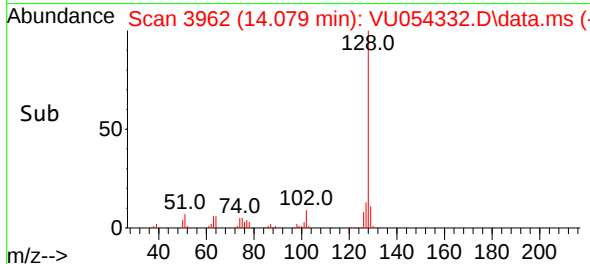
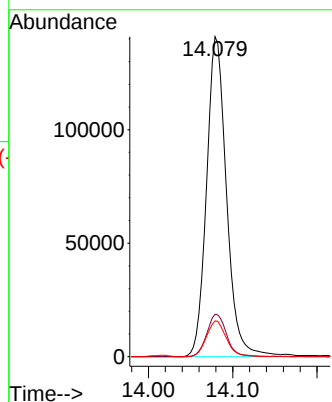
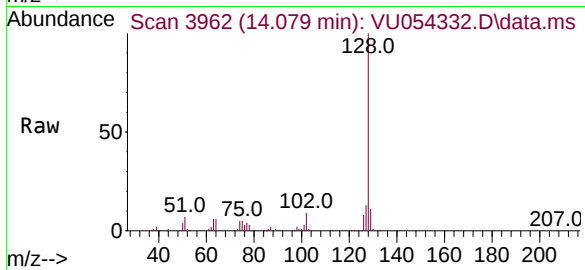
Tgt Ion:128 Resp: 232174

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.100 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054332.D

Acq: 31 May 2023 12:40

Tgt Ion:180 Resp: 74755

Ion Ratio Lower Upper

180 100

182 97.6 48.4 145.0

145 31.7 14.8 44.4

