

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045473.D
 Acq On : 29 Oct 2021 18:49
 Operator : SY/MD
 Sample : VU1029MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:10:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	195796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	374797	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	349283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	168275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	167974	52.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.400%	
35) Dibromofluoromethane	5.292	113	122305	51.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	7.903	98	483092	51.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	10.636	95	182850	51.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58195	20.514	ug/l	99
3) Chloromethane	1.520	50	77474	19.885	ug/l	98
4) Vinyl Chloride	1.604	62	69076	21.357	ug/l	99
5) Bromomethane	1.858	94	43777	22.296	ug/l	98
6) Chloroethane	1.935	64	41474	21.283	ug/l	99
7) Trichlorofluoromethane	2.141	101	76536	21.135	ug/l	100
8) Diethyl Ether	2.379	74	36234	21.581	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	46909	21.561	ug/l	99
10) Methyl Iodide	2.726	142	26207	19.503	ug/l	99
11) Tert butyl alcohol	3.208	59	76004	110.462	ug/l	100
12) 1,1-Dichloroethene	2.584	96	47160	21.082	ug/l	99
13) Acrolein	2.494	56	18545	120.425	ug/l	97
14) Allyl chloride	2.929	41	88206	21.474	ug/l	99
15) Acrylonitrile	3.321	53	177399	106.342	ug/l	99
16) Acetone	2.639	43	158194	109.315	ug/l	99
17) Carbon Disulfide	2.797	76	134976	20.734	ug/l	99
18) Methyl Acetate	2.954	43	115738	21.477	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	176936	21.498	ug/l	99
20) Methylene Chloride	3.051	84	60356	20.930	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	50904	21.117	ug/l	99
22) Diisopropyl ether	3.996	45	176922	22.026	ug/l	99
23) Vinyl Acetate	3.961	43	682647	109.563	ug/l	99
24) 1,1-Dichloroethane	3.874	63	100784	21.412	ug/l	99
25) 2-Butanone	4.707	43	239402	109.584	ug/l	99
26) 2,2-Dichloropropane	4.668	77	77866	21.354	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	58782	21.191	ug/l	97
28) Bromochloromethane	4.977	49	54576	23.507	ug/l	99
29) Tetrahydrofuran	5.057	42	153406	108.279	ug/l	99
30) Chloroform	5.092	83	98290	21.536	ug/l	99
31) Cyclohexane	5.391	56	98797	20.818	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	80946	21.611	ug/l	99
36) 1,1-Dichloropropene	5.530	75	74717	20.942	ug/l	100
37) Ethyl Acetate	4.806	43	89562	20.728	ug/l	100
38) Carbon Tetrachloride	5.530	117	63121	20.286	ug/l	99
39) Methylcyclohexane	6.768	83	92329	20.810	ug/l	99
40) Benzene	5.777	78	222738	20.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	49202	21.517	ug/l	97
42) 1,2-Dichloroethane	5.797	62	81275	20.605	ug/l	99
43) Isopropyl Acetate	5.912	43	135857	20.864	ug/l	100
44) Trichloroethene	6.546	130	51280	20.601	ug/l	99
45) 1,2-Dichloropropane	6.793	63	59309	20.984	ug/l	99
46) Dibromomethane	6.922	93	37913	20.601	ug/l	97
47) Bromodichloromethane	7.108	83	76093	21.009	ug/l	98
48) Methyl methacrylate	6.960	41	66066	21.405	ug/l	98
49) 1,4-Dioxane	6.999	88	32645	416.182	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	446842	106.171	ug/l	99
52) Toluene	7.973	92	139403	21.353	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	85573	20.730	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	92357	20.891	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	55748	20.905	ug/l	97
56) Ethyl methacrylate	8.337	69	91103	19.698	ug/l	99
57) 1,3-Dichloropropane	8.578	76	97877	20.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	239945	98.163	ug/l	99
59) 2-Hexanone	8.687	43	344466	105.636	ug/l	100
60) Dibromochloromethane	8.813	129	52369	20.462	ug/l	98
61) 1,2-Dibromoethane	8.925	107	58518	20.950	ug/l	98
64) Tetrachloroethene	8.555	164	41579	20.825	ug/l	98
65) Chlorobenzene	9.449	112	136504	20.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	46819	20.955	ug/l	99
67) Ethyl Benzene	9.575	91	255110	21.030	ug/l	100
68) m/p-Xylenes	9.697	106	194565	42.489	ug/l	99
69) o-Xylene	10.102	106	94097	21.074	ug/l	98
70) Styrene	10.118	104	159750	19.948	ug/l	99
71) Bromoform	10.295	173	36668	19.409	ug/l #	99
73) Isopropylbenzene	10.488	105	244872	21.581	ug/l	100
74) N-amyl acetate	10.320	43	116024	20.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	94414	20.965	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	109286	24.375	ug/l	91
77) Bromobenzene	10.783	156	56516	21.347	ug/l	97
78) n-propylbenzene	10.909	91	303290	22.047	ug/l	99
79) 2-Chlorotoluene	10.989	91	178670	21.578	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	209140	21.905	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	29344	20.013	ug/l	95
82) 4-Chlorotoluene	11.099	91	208232	22.115	ug/l	100
83) tert-Butylbenzene	11.423	119	196712	21.345	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	210160	21.968	ug/l	100
85) sec-Butylbenzene	11.645	105	262961	21.743	ug/l	100
86) p-Isopropyltoluene	11.796	119	214893	20.170	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	109290	20.913	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	110981	20.767	ug/l	99
89) n-Butylbenzene	12.211	91	205021	20.122	ug/l	100
90) Hexachloroethane	12.478	117	35508	20.570	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	109694	20.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22061	20.396	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	72227	20.634	ug/l	100
94) Hexachlorobutadiene	14.025	225	25528	20.030	ug/l	98
95) Naphthalene	14.089	128	272768	19.771	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	74236	21.040	ug/l	99

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Quant Time: Oct 30 04:10:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

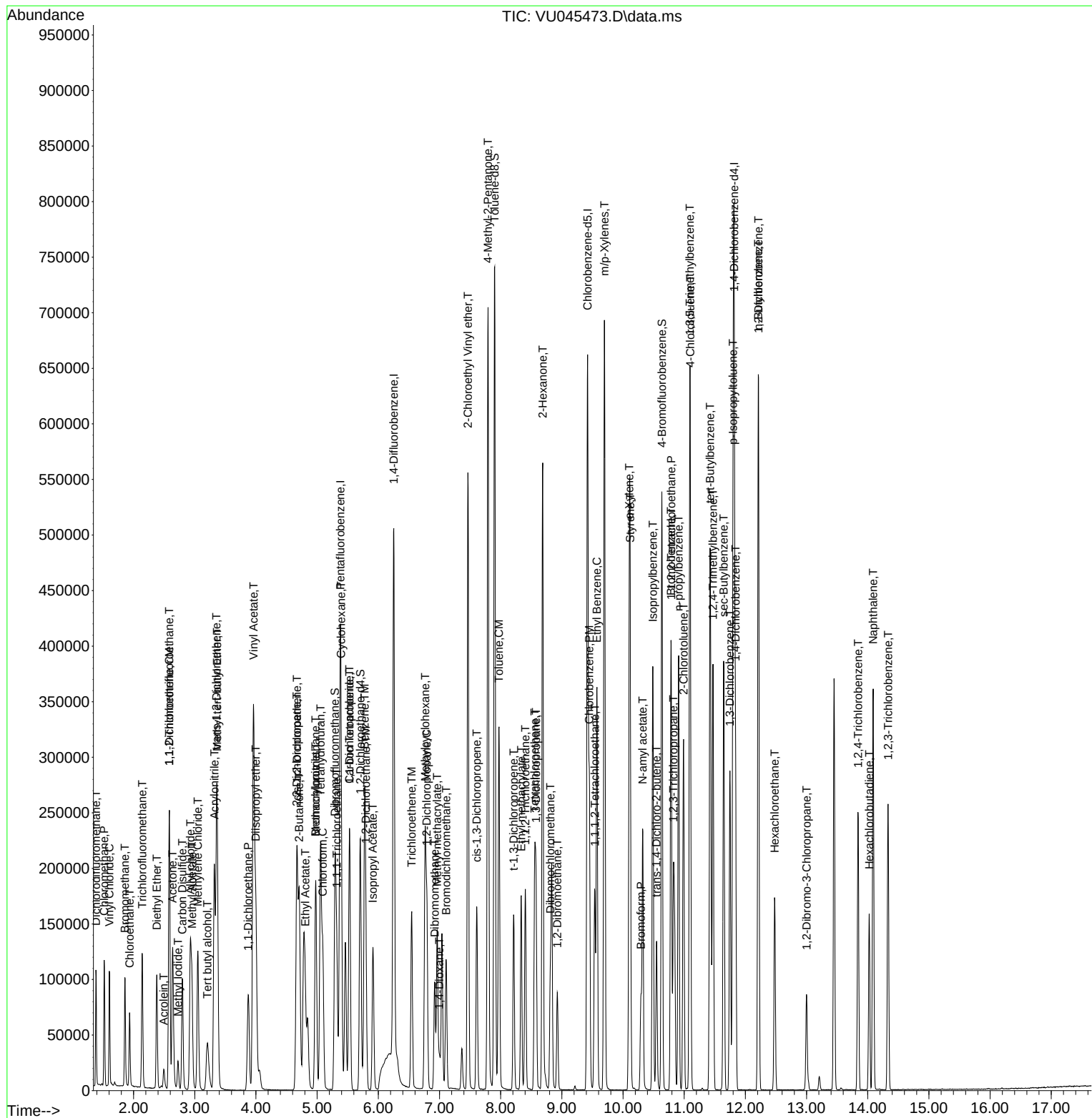
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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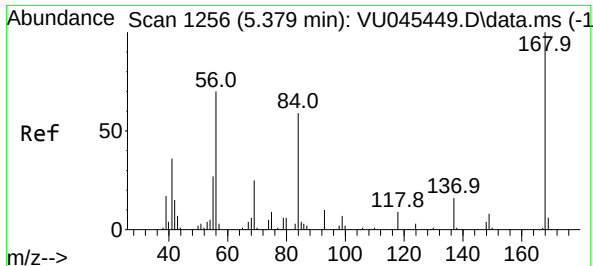
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : SY/MD  
Sample    : VU1029MBS01  
Misc      : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH  
ALS Vial  : 33   Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :

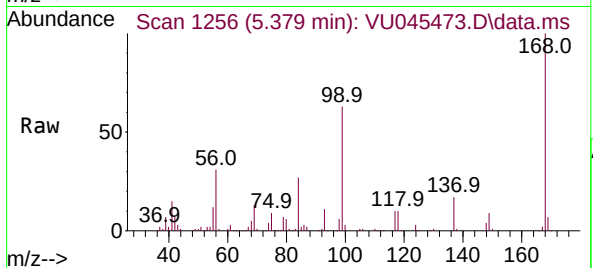
Quant Time: Oct 30 04:10:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
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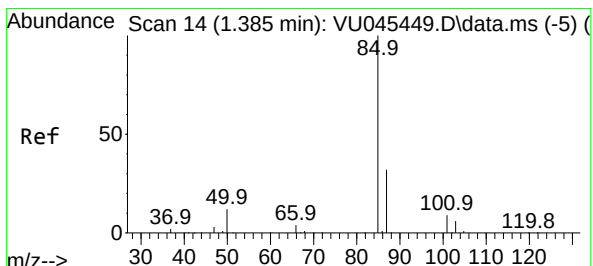
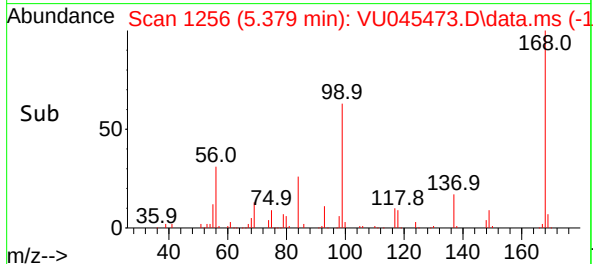
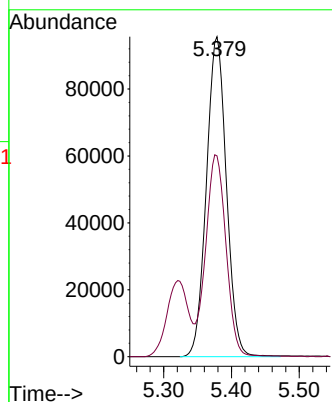


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045473.D
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ClientSampleId :

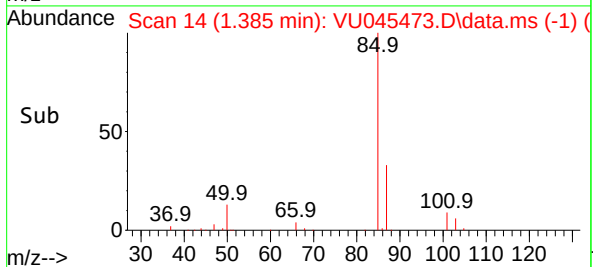
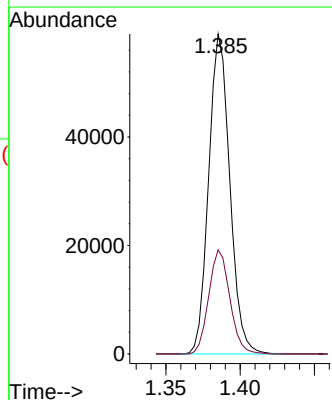
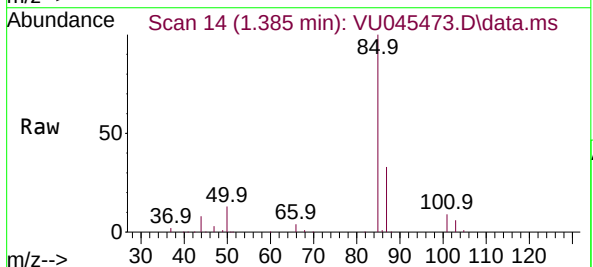


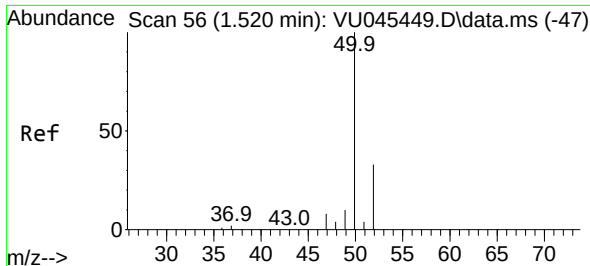
Tgt Ion:168 Resp: 195796
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 20.514 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 85 Resp: 58195
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7

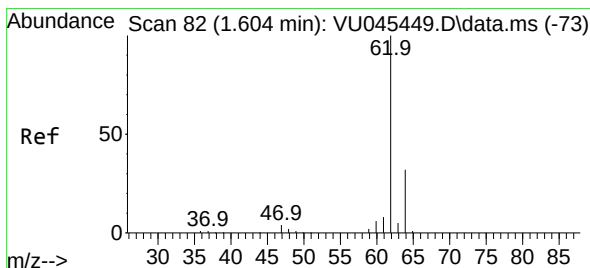
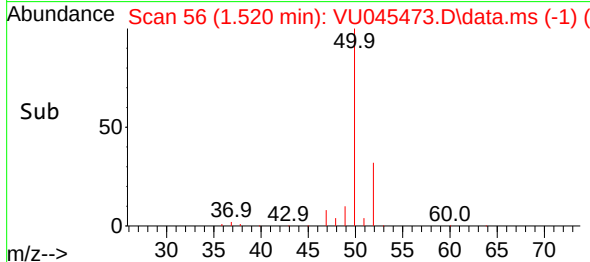
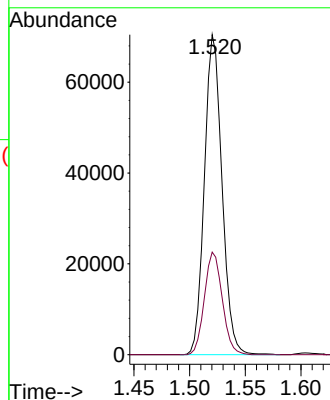
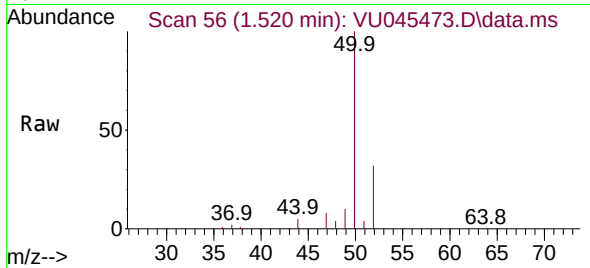




#3
Chloromethane
Concen: 19.885 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

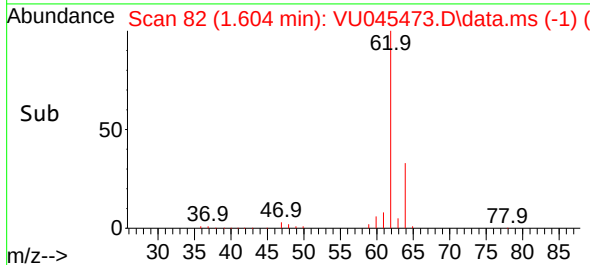
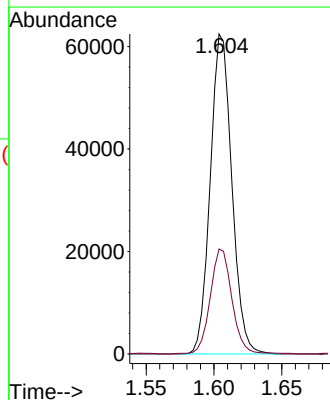
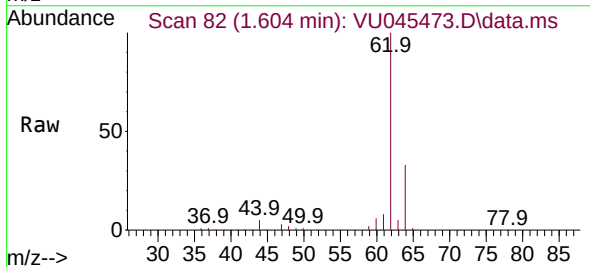
Instrument :
MSVOA_U
ClientSampleId :

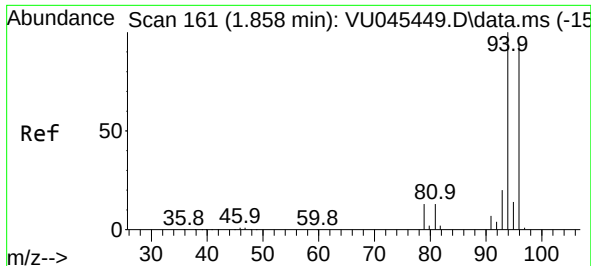
Tgt Ion: 50 Resp: 77474
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 21.357 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

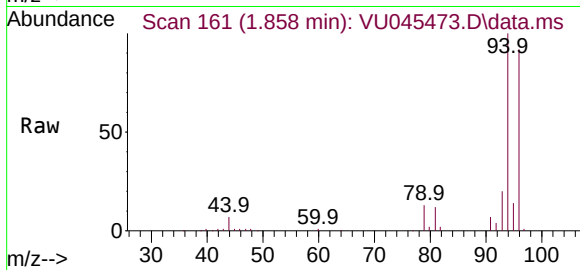
Tgt Ion: 62 Resp: 69076
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6



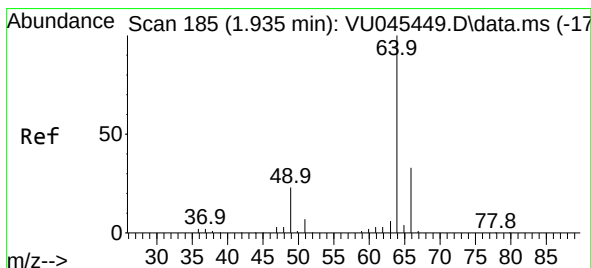
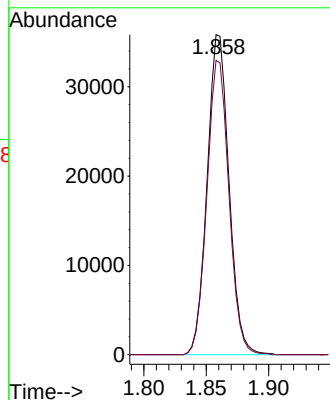
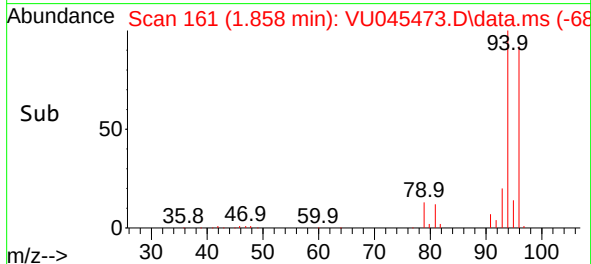


#5
Bromomethane
Concen: 22.296 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :

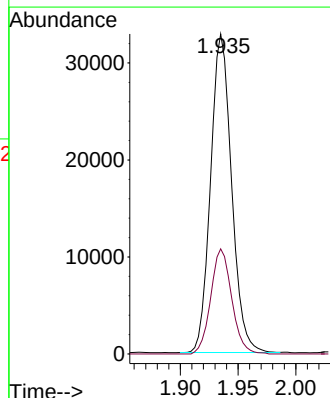
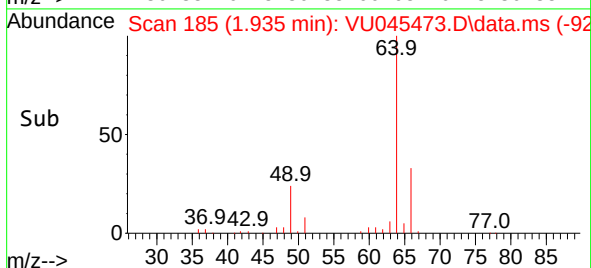
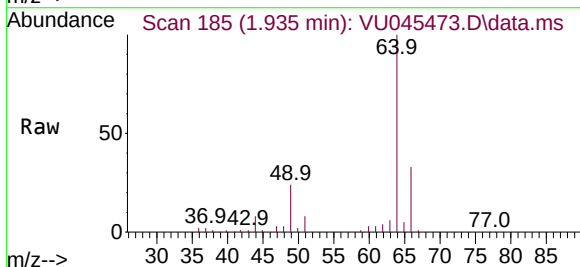


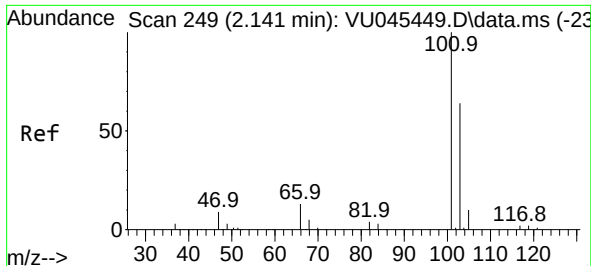
Tgt Ion: 94 Resp: 43777
Ion Ratio Lower Upper
94 100
96 92.0 75.4 113.2



#6
Chloroethane
Concen: 21.283 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 64 Resp: 41474
Ion Ratio Lower Upper
64 100
66 33.0 26.7 40.1

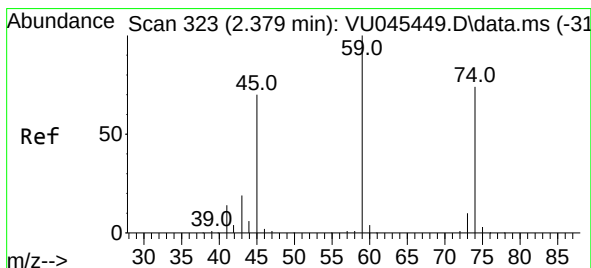
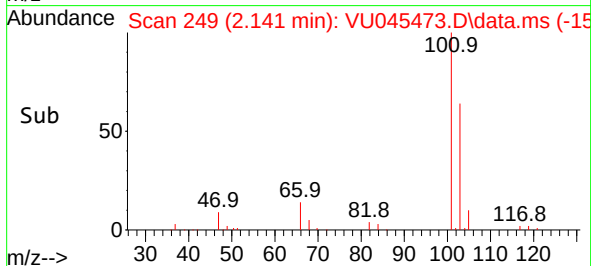
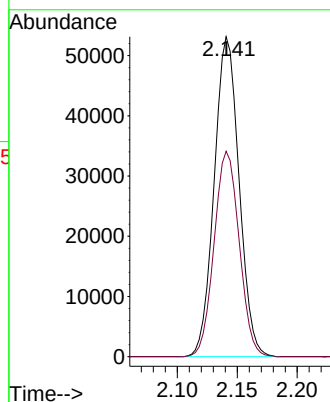
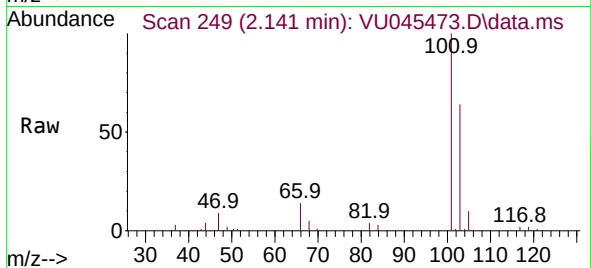




#7
 Trichlorofluoromethane
 Concen: 21.135 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045473.D
 Acq: 29 Oct 2021 18:49

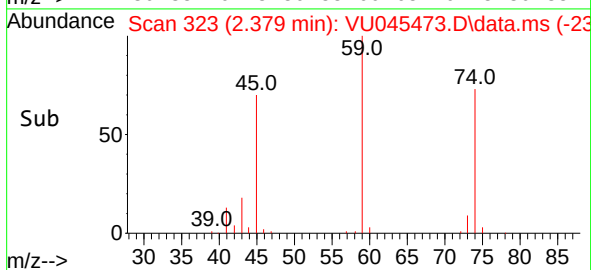
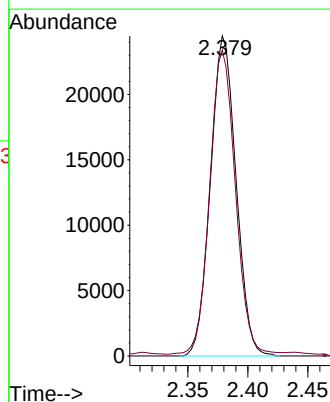
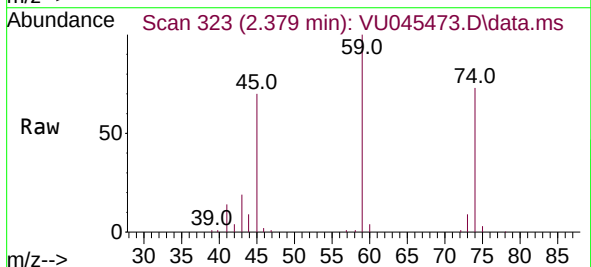
Instrument :
 MSVOA_U
 ClientSampleId :

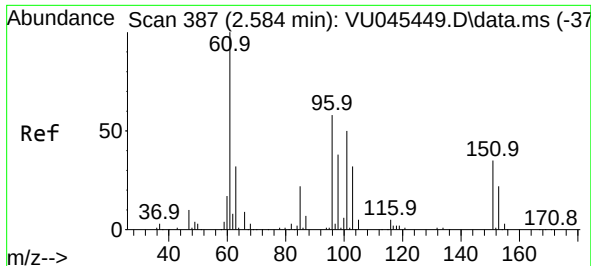
Tgt Ion:101 Resp: 76536
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.581 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045473.D
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Tgt Ion: 74 Resp: 36234
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.3 141.8

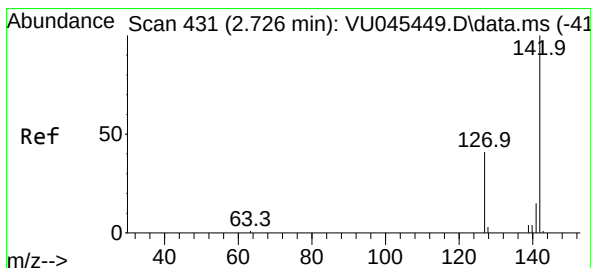
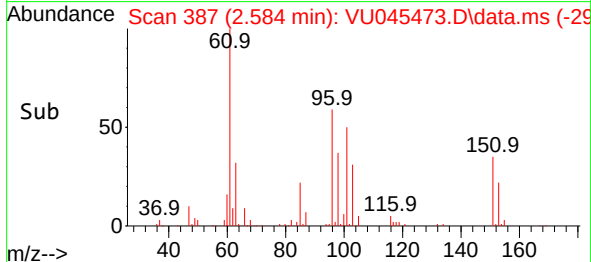
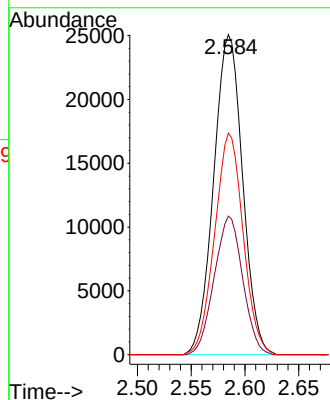
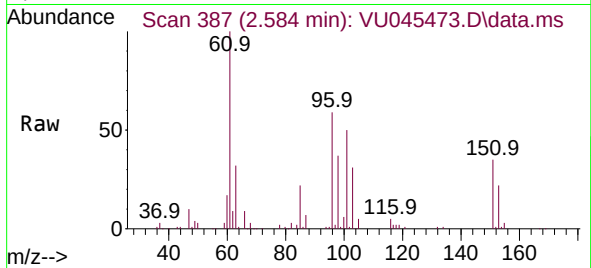




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.561 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

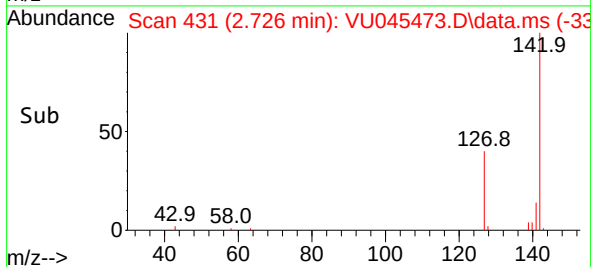
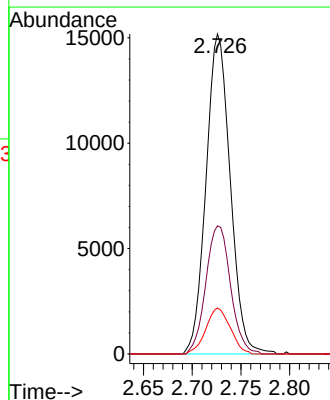
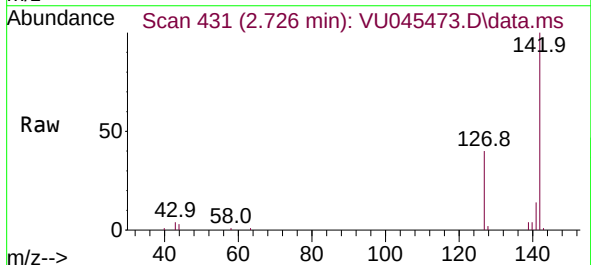
Instrument :
MSVOA_U
ClientSampleId :

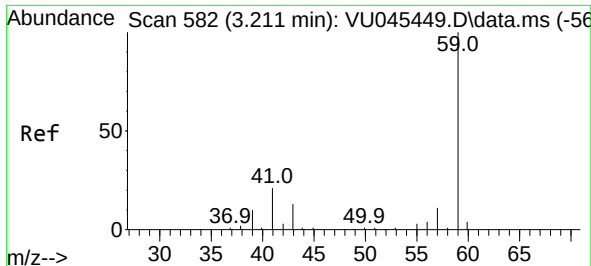
Tgt Ion:101 Resp: 46909
Ion Ratio Lower Upper
101 100
85 42.5 35.0 52.4
151 68.3 54.6 82.0



#10
Methyl Iodide
Concen: 19.503 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:142 Resp: 26207
Ion Ratio Lower Upper
142 100
127 40.9 32.2 48.2
141 14.5 11.3 16.9

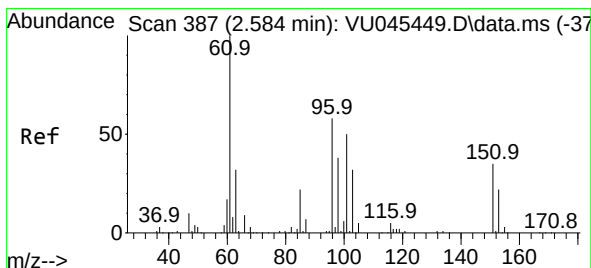
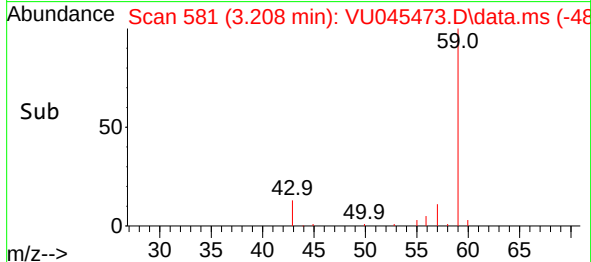
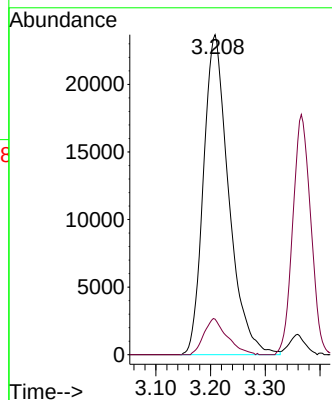
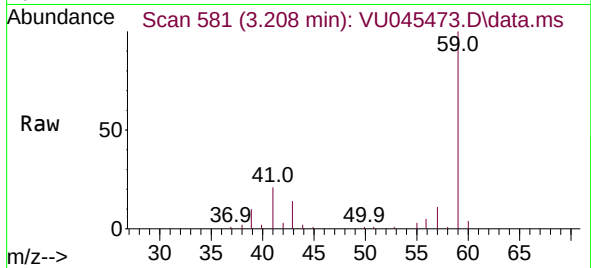




#11
Tert butyl alcohol
Concen: 110.462 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.003 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

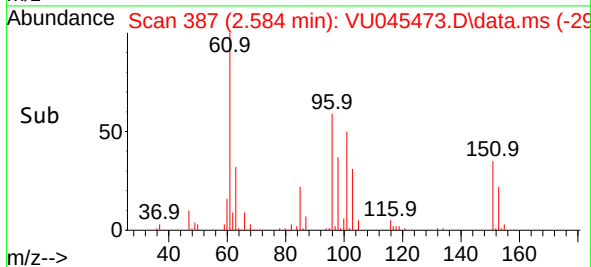
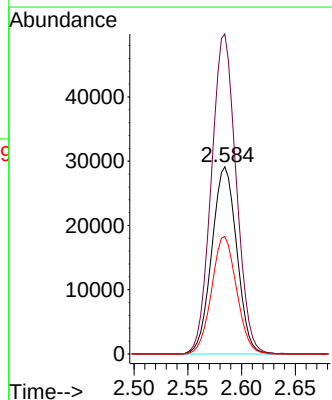
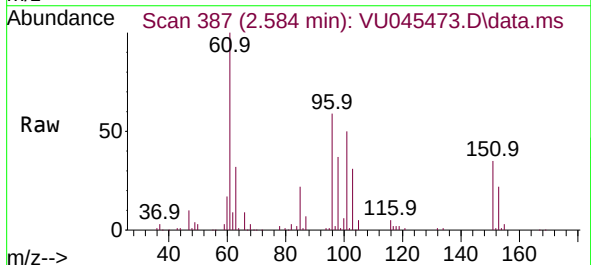
Instrument :
MSVOA_U
ClientSampleId :

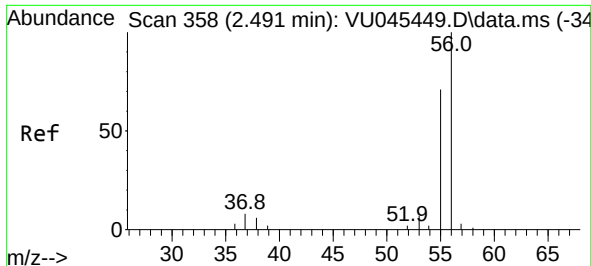
Tgt Ion: 59 Resp: 76004
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.082 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 96 Resp: 47160
Ion Ratio Lower Upper
96 100
61 170.9 137.1 205.7
98 62.7 51.5 77.3

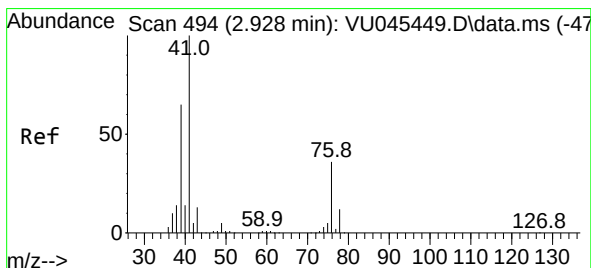
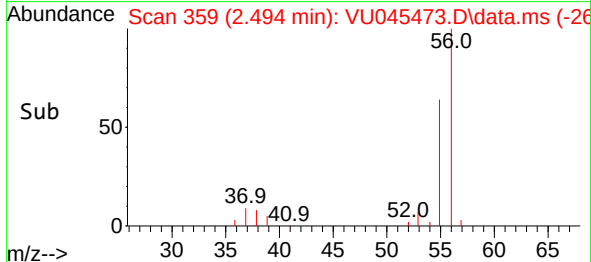
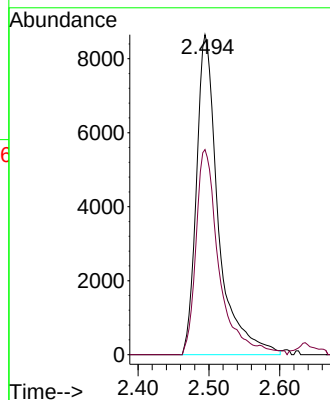
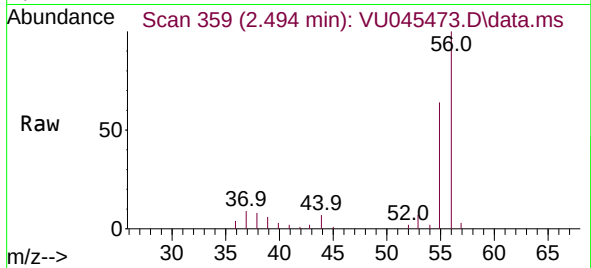




#13
Acrolein
Concen: 120.425 ug/l
RT: 2.494 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

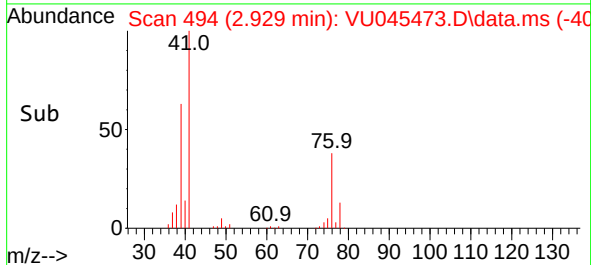
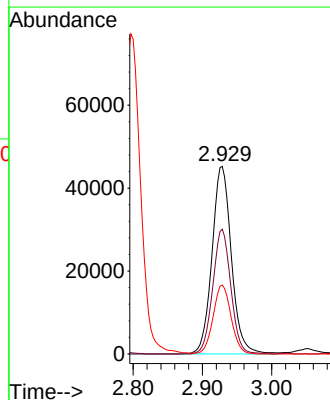
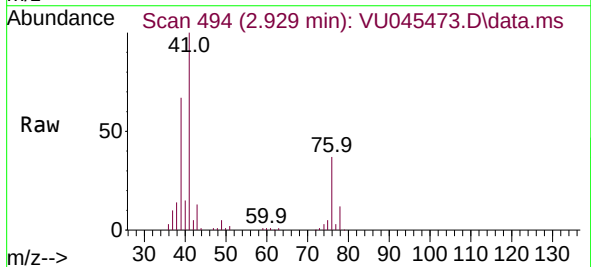
Instrument :
MSVOA_U
ClientSampleId :

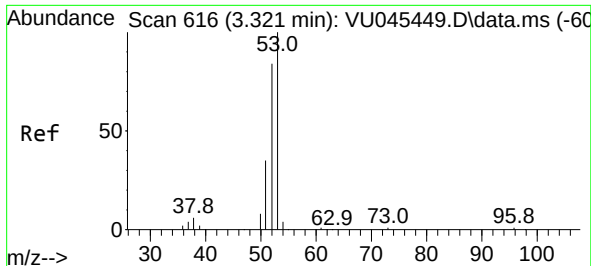
Tgt Ion: 56 Resp: 18545
Ion Ratio Lower Upper
56 100
55 67.6 56.3 84.5



#14
Allyl chloride
Concen: 21.474 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

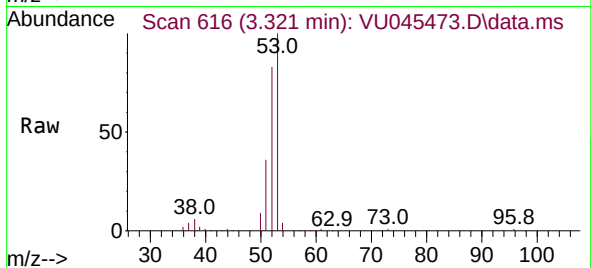
Tgt Ion: 41 Resp: 88206
Ion Ratio Lower Upper
41 100
39 61.8 49.7 74.5
76 33.7 27.7 41.5



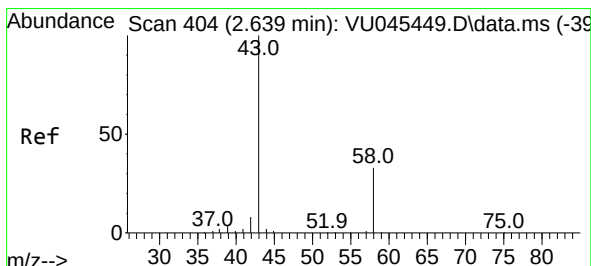
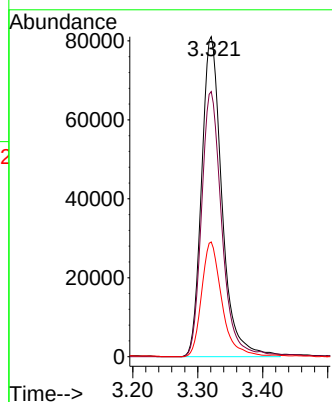
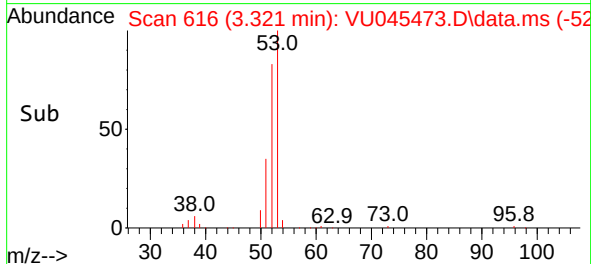


#15
Acrylonitrile
Concen: 106.342 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :

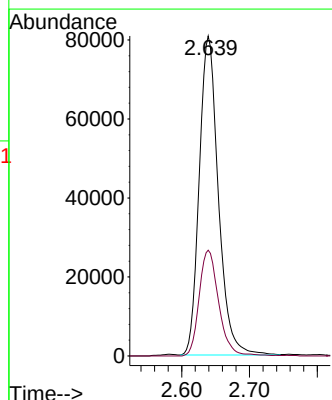
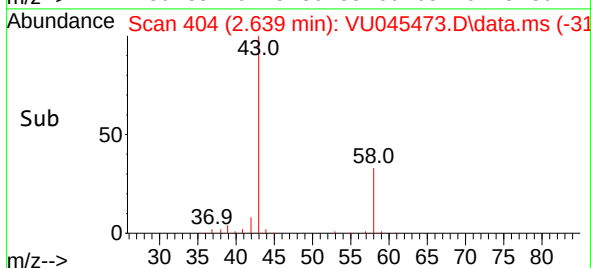
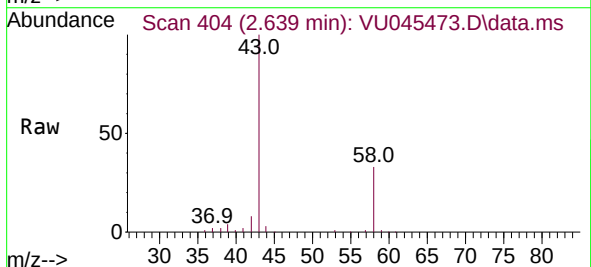


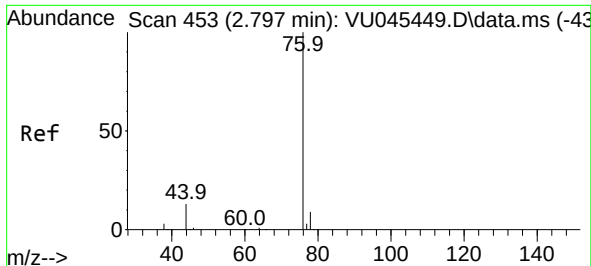
Tgt Ion: 53 Resp: 177399
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 35.6 28.4 42.6



#16
Acetone
Concen: 109.315 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 43 Resp: 158194
Ion Ratio Lower Upper
43 100
58 33.1 26.2 39.2

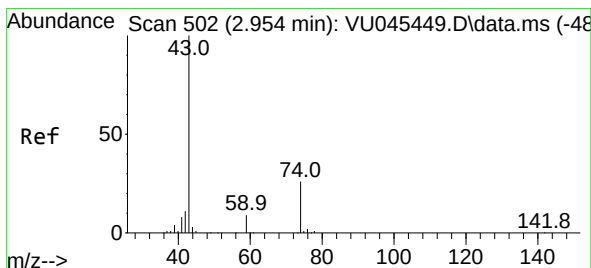
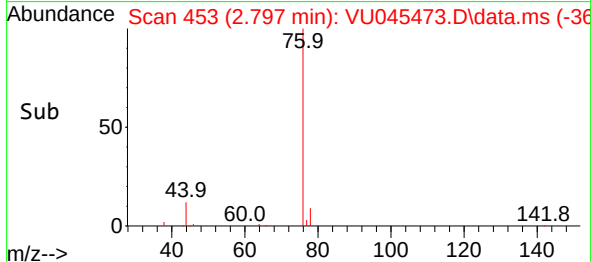
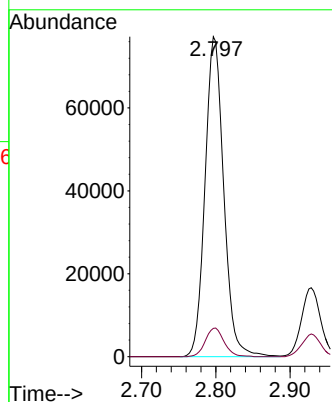
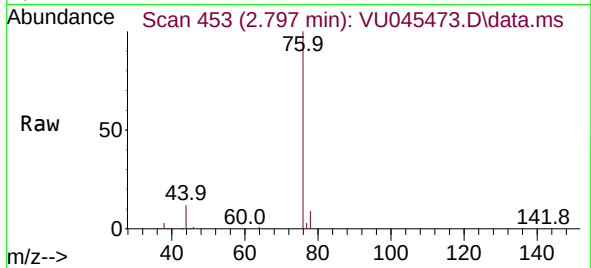




#17
Carbon Disulfide
Concen: 20.734 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

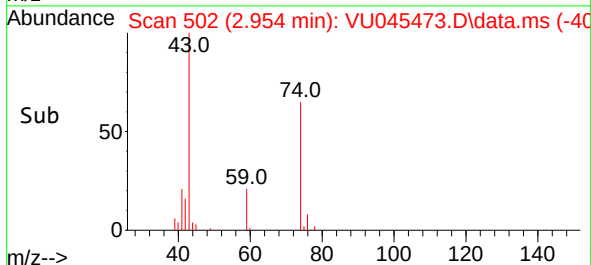
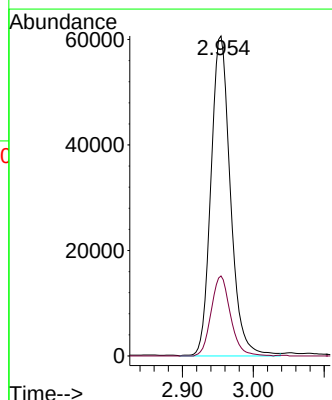
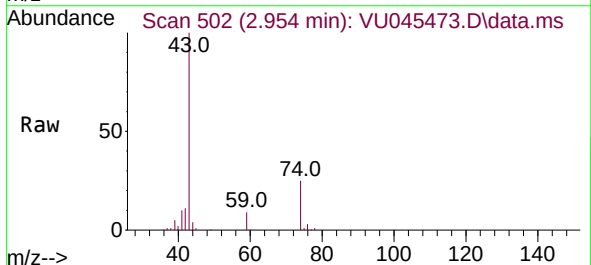
Instrument :
MSVOA_U
ClientSampleId :

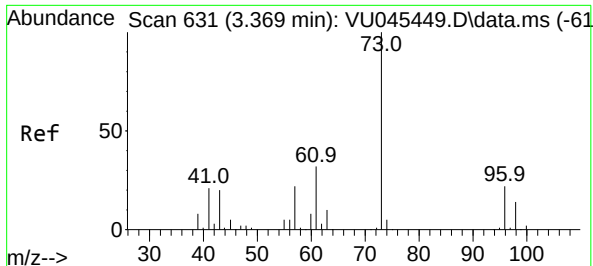
Tgt Ion: 76 Resp: 134976
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 21.477 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 43 Resp: 115738
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 21.498 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

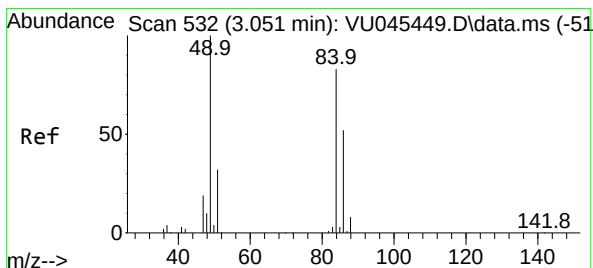
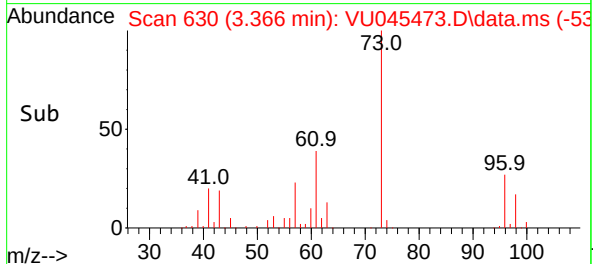
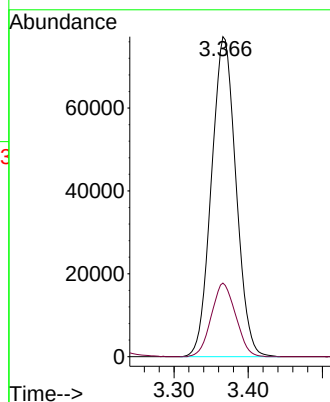
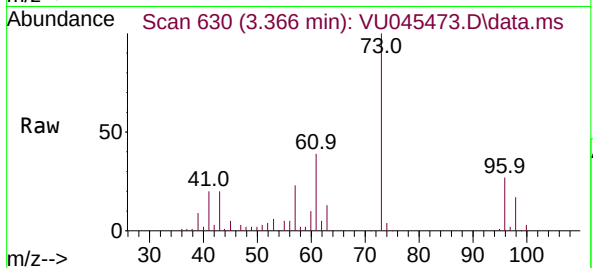
ClientSampleId :

Tgt Ion: 73 Resp: 176936

Ion Ratio Lower Upper

73 100

57 23.0 18.1 27.1



#20

Methylene Chloride

Concen: 20.930 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Tgt Ion: 84 Resp: 60356

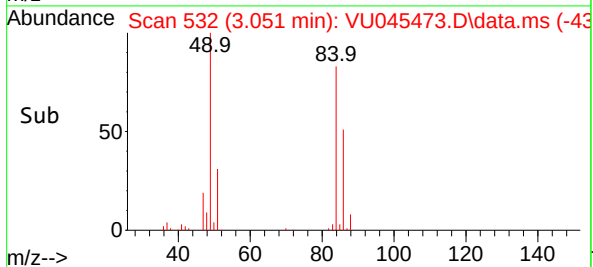
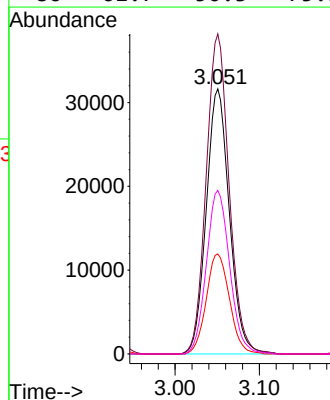
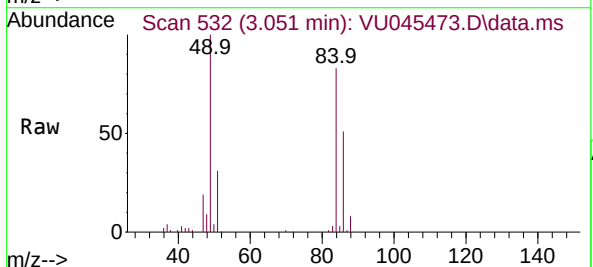
Ion Ratio Lower Upper

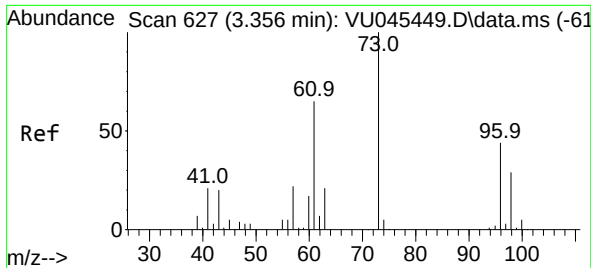
84 100

49 120.7 96.4 144.6

51 37.7 30.5 45.7

86 61.7 50.3 75.5

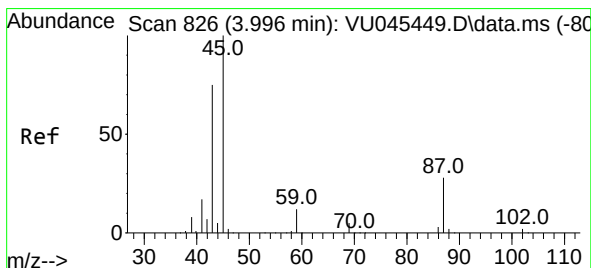
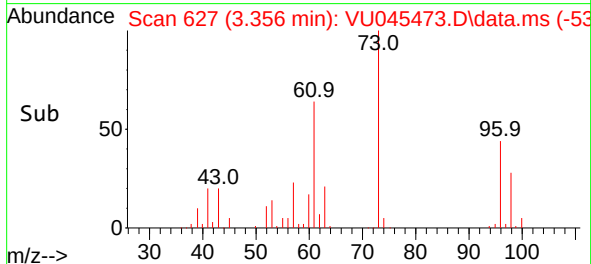
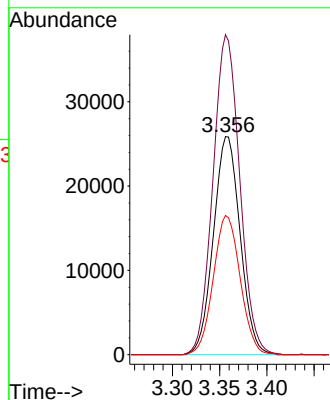
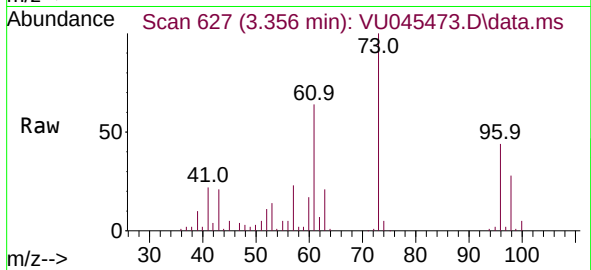




#21
trans-1,2-Dichloroethene
Concen: 21.117 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

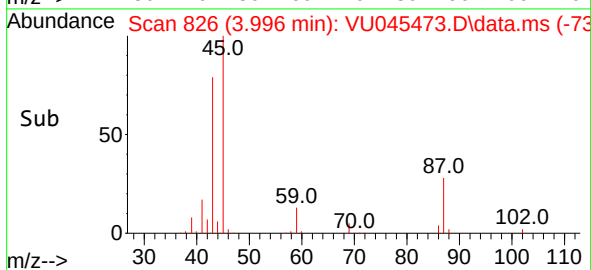
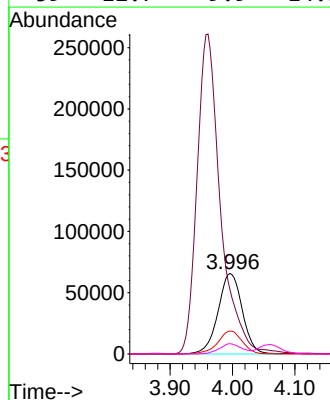
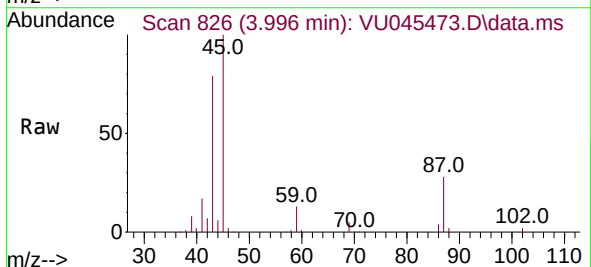
Instrument :
MSVOA_U
ClientSampleId :

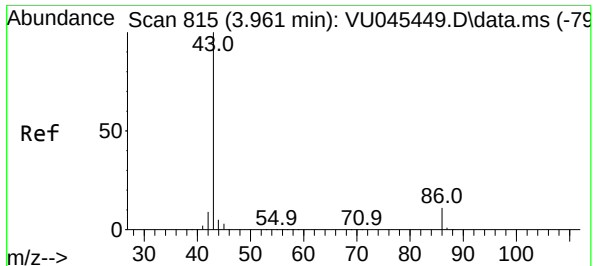
Tgt Ion: 96 Resp: 50904
Ion Ratio Lower Upper
96 100
61 146.7 118.2 177.4
98 63.8 52.1 78.1



#22
Diisopropyl ether
Concen: 22.026 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 45 Resp: 176922
Ion Ratio Lower Upper
45 100
43 76.5 60.0 90.0
87 28.4 22.3 33.5
59 12.7 9.9 14.9

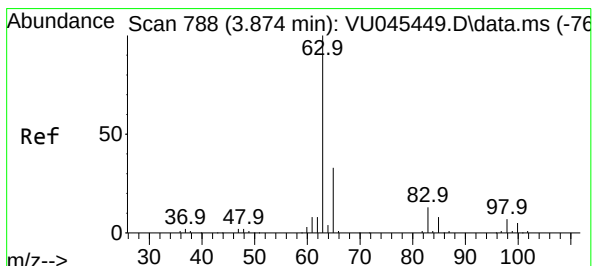
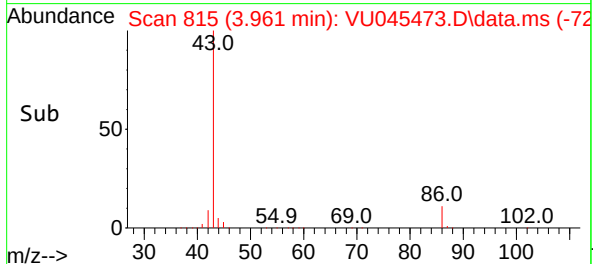
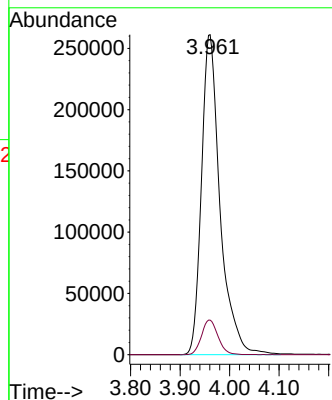
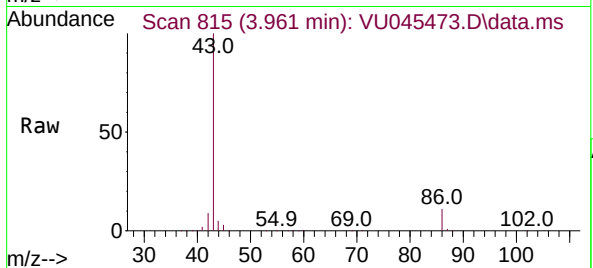




#23
 Vinyl Acetate
 Concen: 109.563 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045473.D
 Acq: 29 Oct 2021 18:49

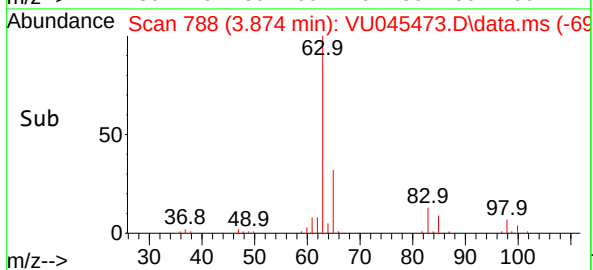
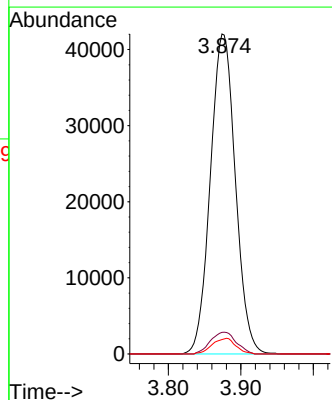
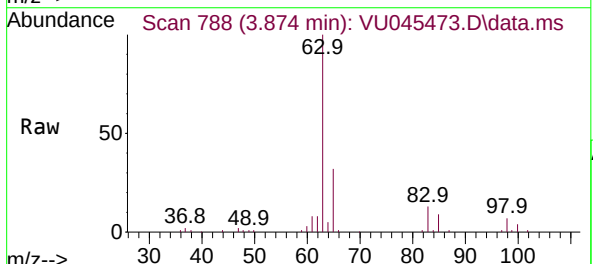
Instrument :
 MSVOA_U
 ClientSampleId :

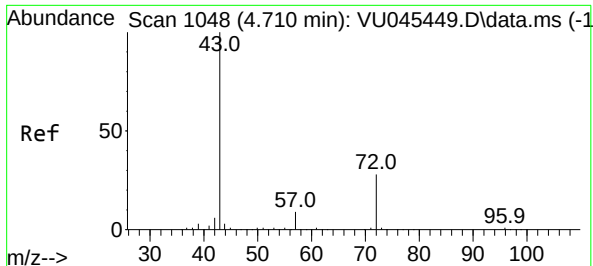
Tgt Ion: 43 Resp: 682647
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 21.412 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045473.D
 Acq: 29 Oct 2021 18:49

Tgt Ion: 63 Resp: 100784
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 109.584 ug/l

RT: 4.707 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

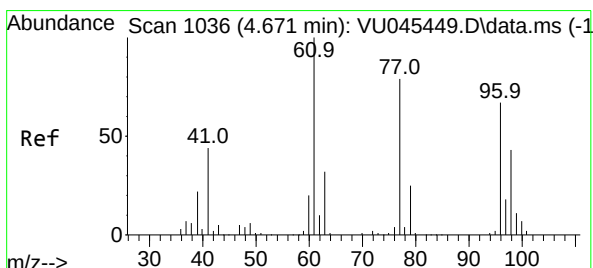
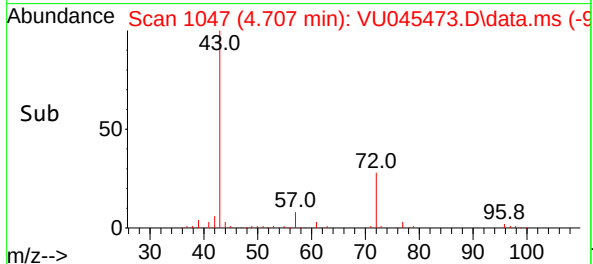
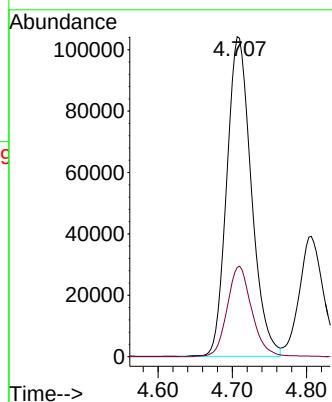
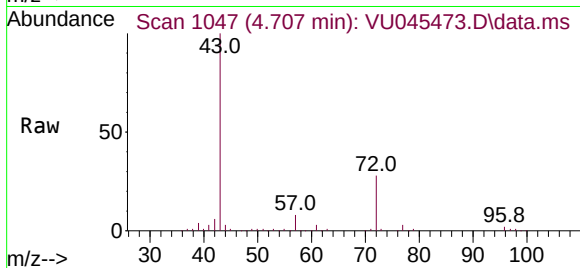
ClientSampleId :

Tgt Ion: 43 Resp: 239402

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.354 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045473.D

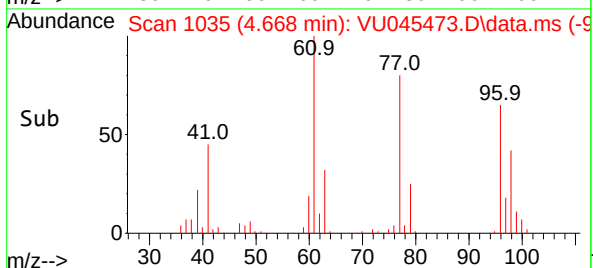
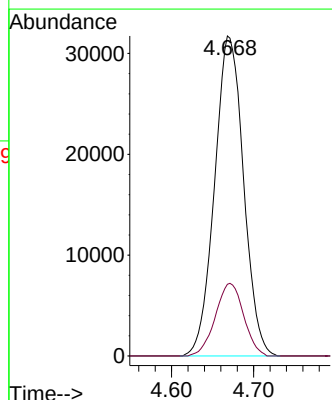
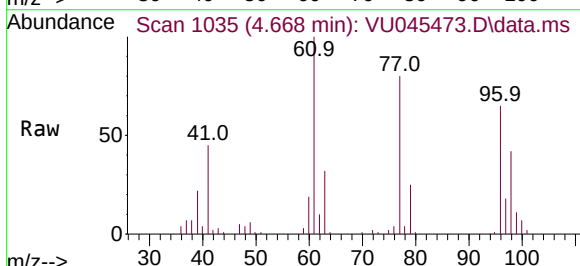
Acq: 29 Oct 2021 18:49

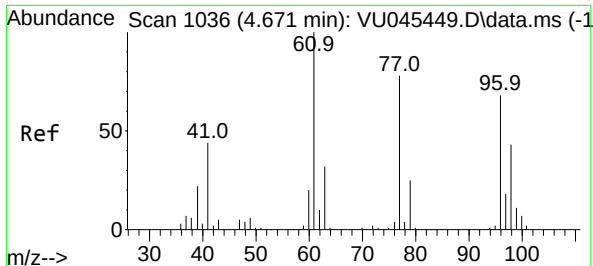
Tgt Ion: 77 Resp: 77866

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1

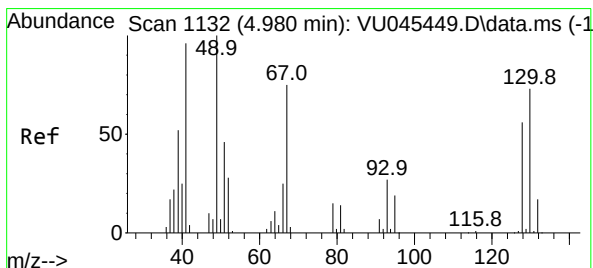
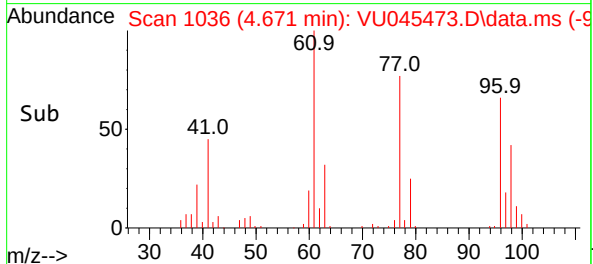
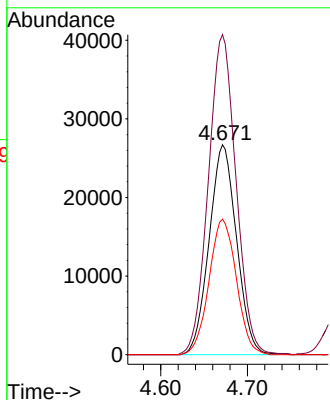
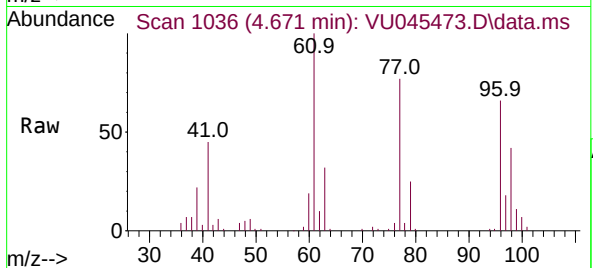




#27
 cis-1,2-Dichloroethene
 Concen: 21.191 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045473.D
 Acq: 29 Oct 2021 18:49

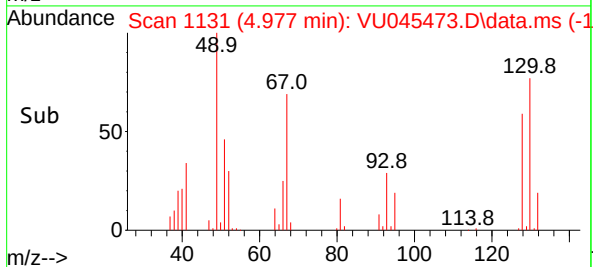
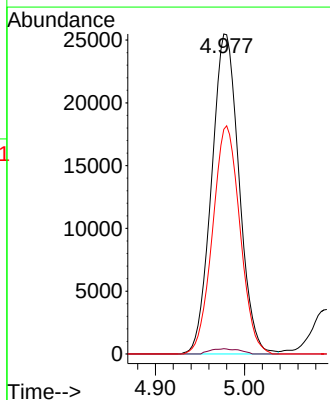
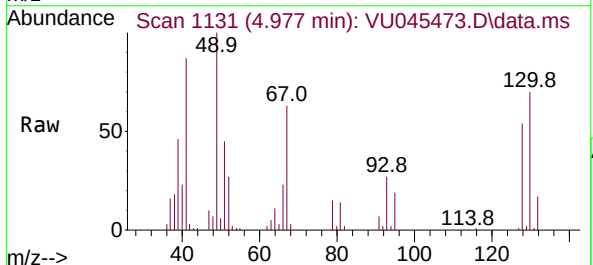
Instrument :
 MSVOA_U
 ClientSampleId :

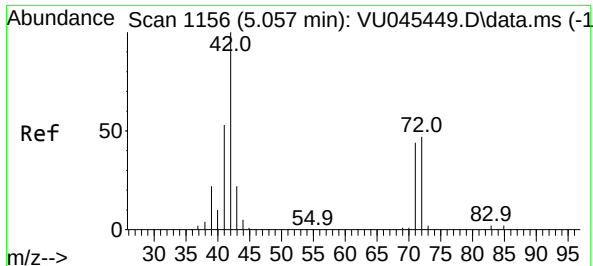
Tgt Ion: 96 Resp: 58782
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 299.2
 98 64.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 23.507 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU045473.D
 Acq: 29 Oct 2021 18:49

Tgt Ion: 49 Resp: 54576
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 71.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 108.279 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

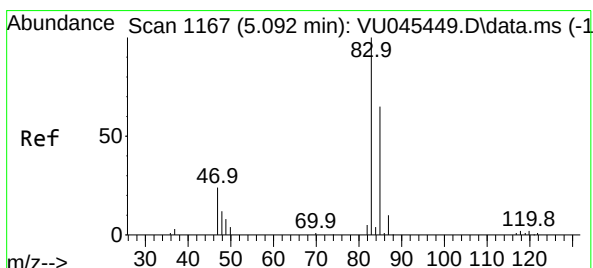
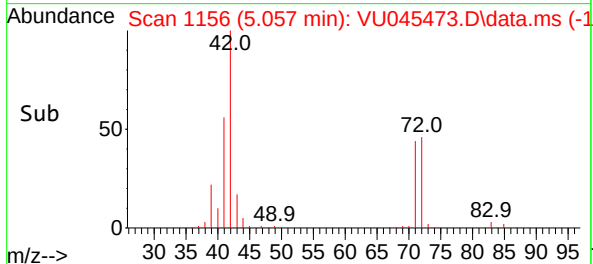
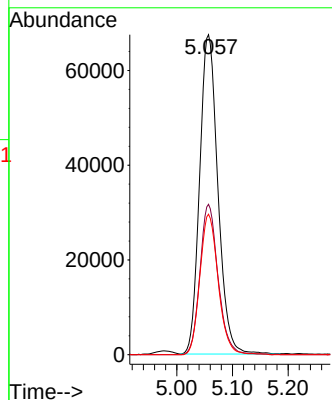
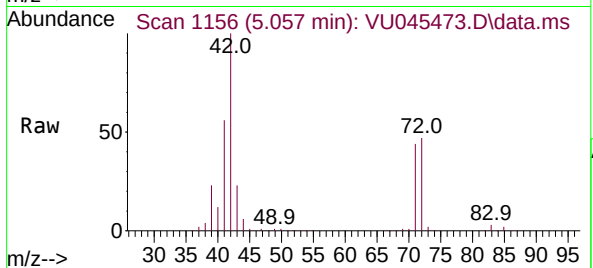
Tgt Ion: 42 Resp: 153406

Ion Ratio Lower Upper

42 100

72 47.0 38.2 57.4

71 44.2 35.4 53.2



#30

Chloroform

Concen: 21.536 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045473.D

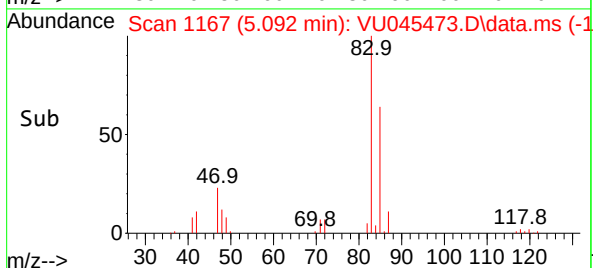
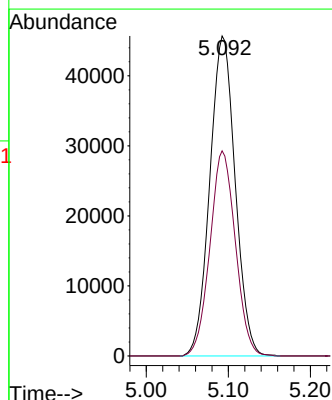
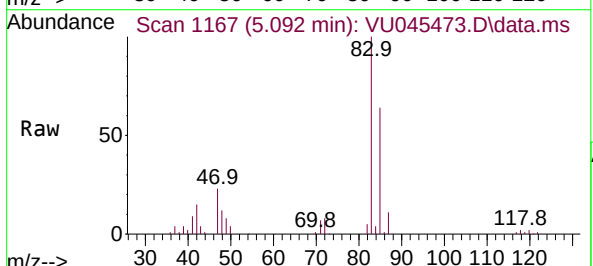
Acq: 29 Oct 2021 18:49

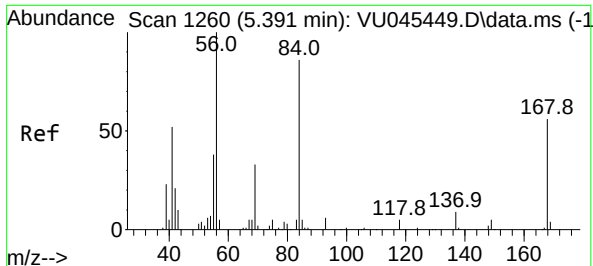
Tgt Ion: 83 Resp: 98290

Ion Ratio Lower Upper

83 100

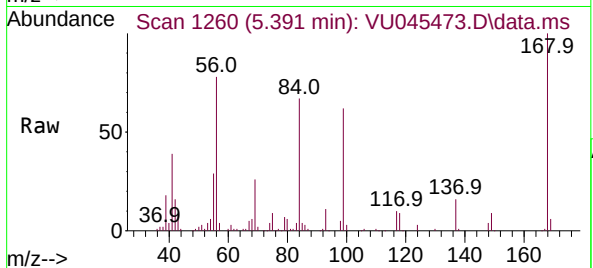
85 64.1 52.0 78.0



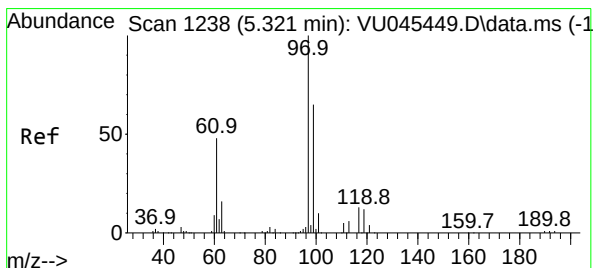
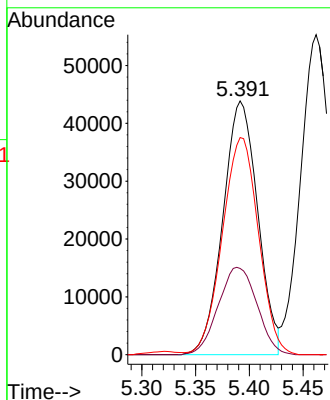
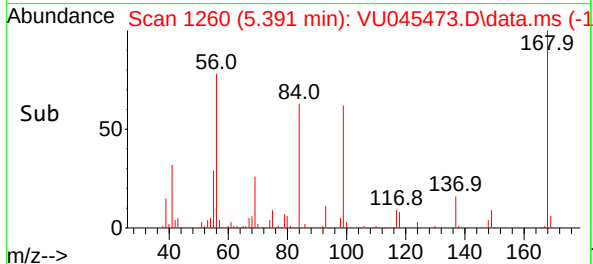


#31
Cyclohexane
Concen: 20.818 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

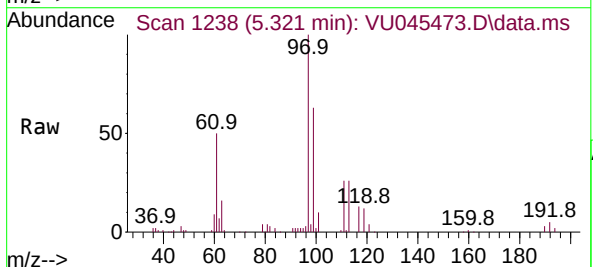
Instrument :
MSVOA_U
ClientSampleId :



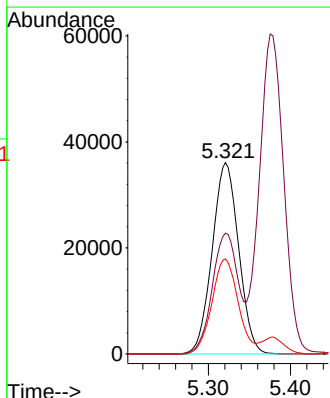
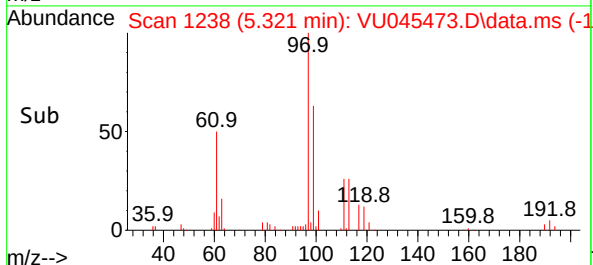
Tgt Ion: 56 Resp: 98797
Ion Ratio Lower Upper
56 100
69 34.0 26.4 39.6
84 84.7 68.4 102.6

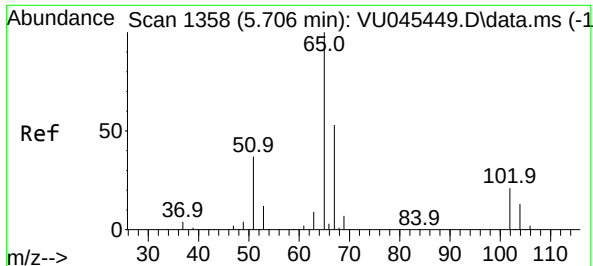


#32
1,1,1-Trichloroethane
Concen: 21.611 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49



Tgt Ion: 97 Resp: 80946
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 49.1 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.696 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

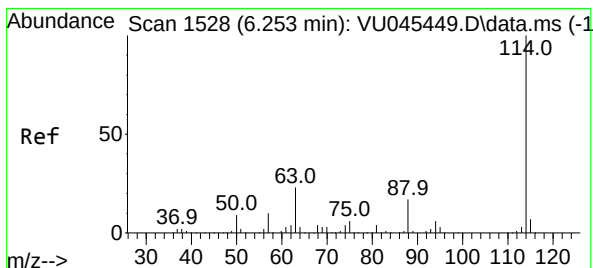
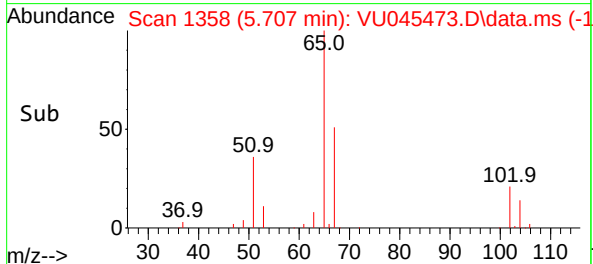
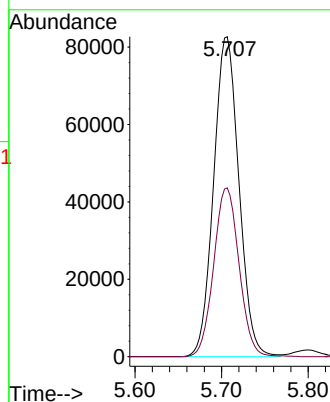
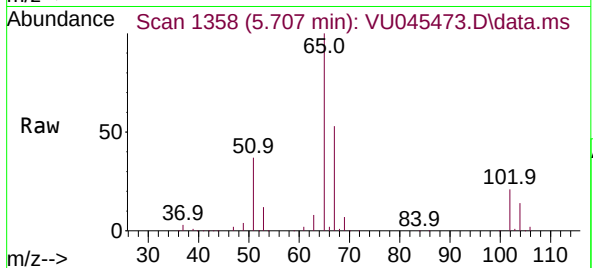
ClientSampleId :

Tgt Ion: 65 Resp: 167974

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

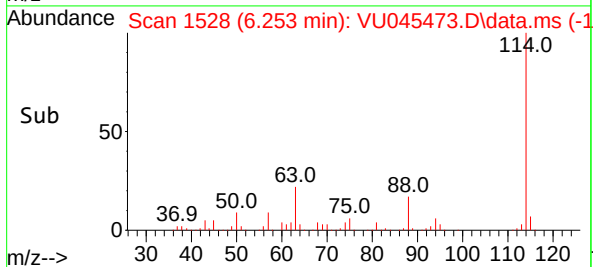
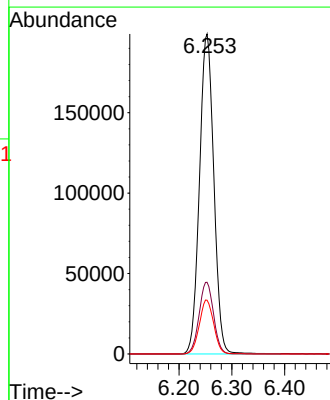
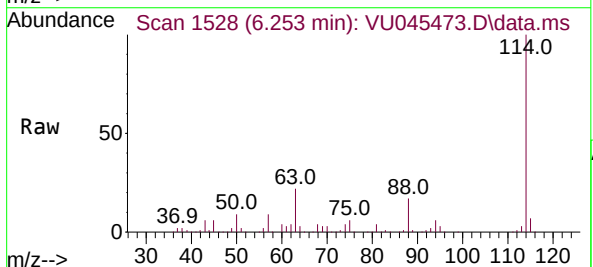
Tgt Ion: 114 Resp: 374797

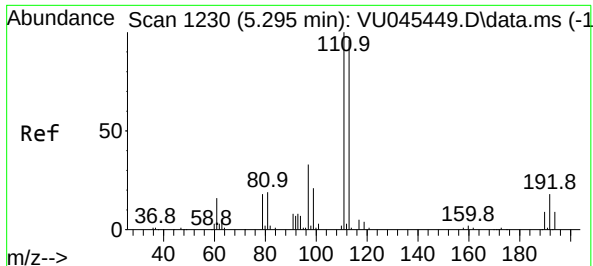
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.321 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

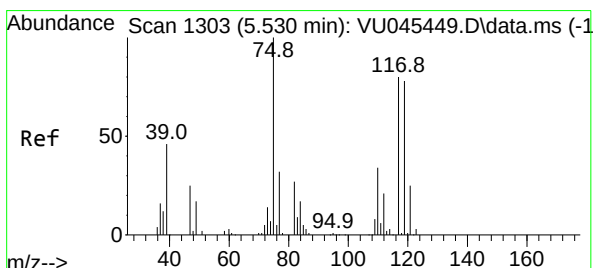
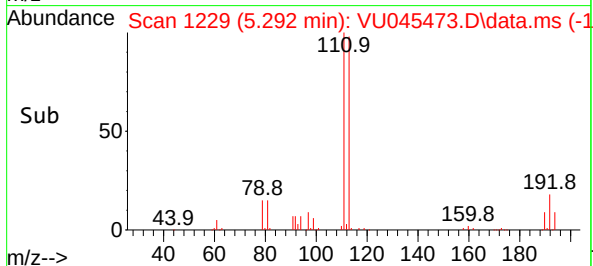
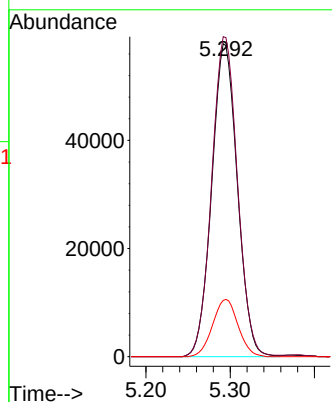
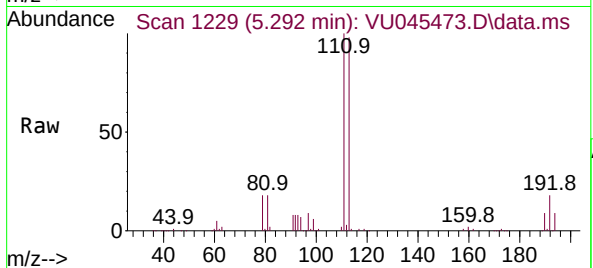
Tgt Ion:113 Resp: 122305

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 20.942 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

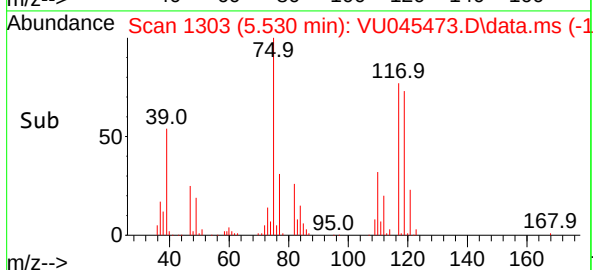
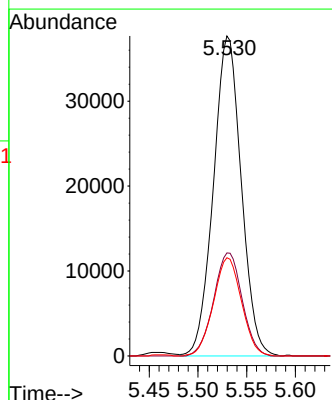
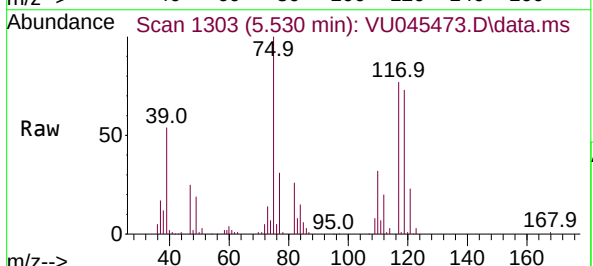
Tgt Ion: 75 Resp: 74717

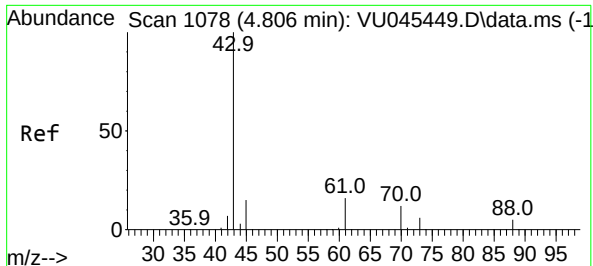
Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.0

77 31.0 25.0 37.4

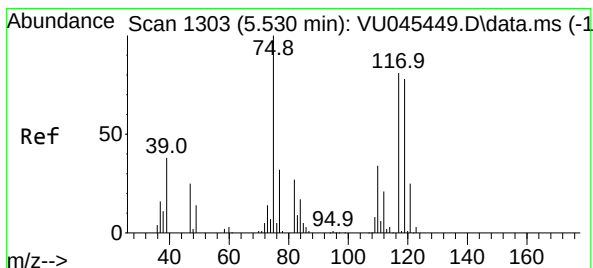
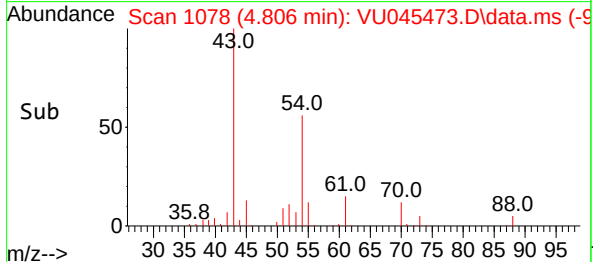
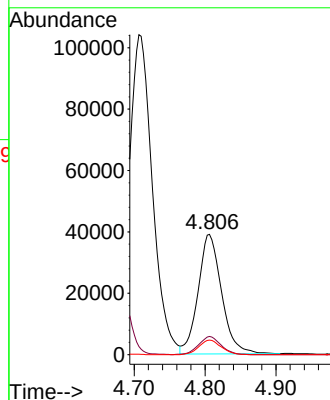
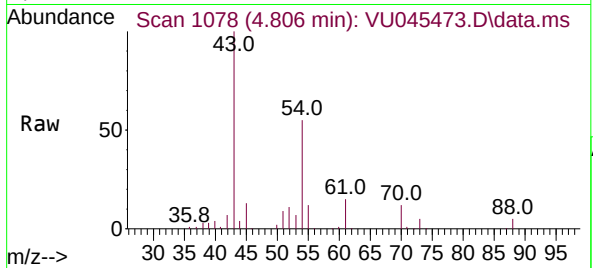




#37
Ethyl Acetate
Concen: 20.728 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

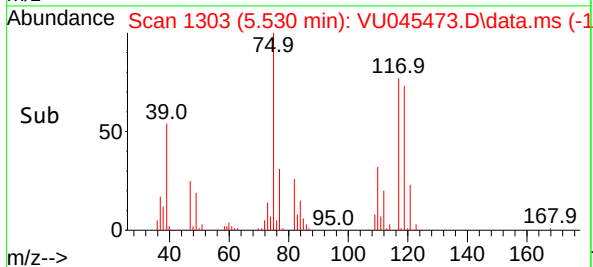
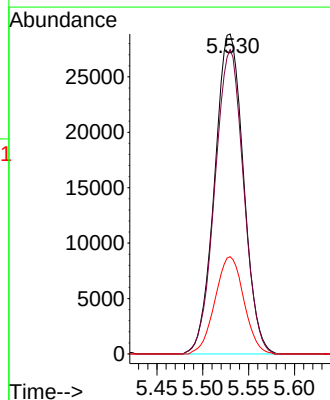
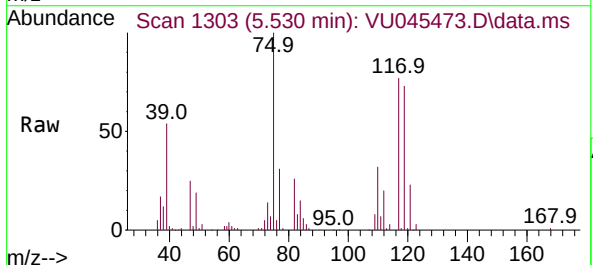
Instrument :
MSVOA_U
ClientSampleId :

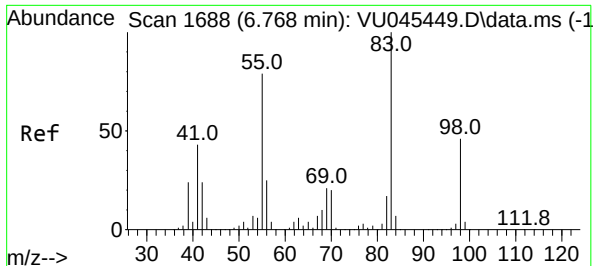
Tgt Ion: 43 Resp: 89562
Ion Ratio Lower Upper
43 100
61 14.6 11.6 17.4
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.286 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 117 Resp: 63121
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.810 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

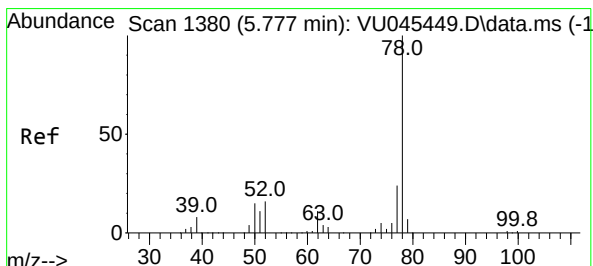
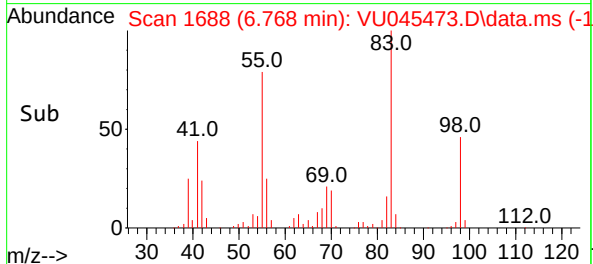
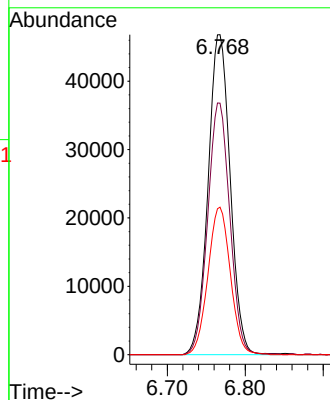
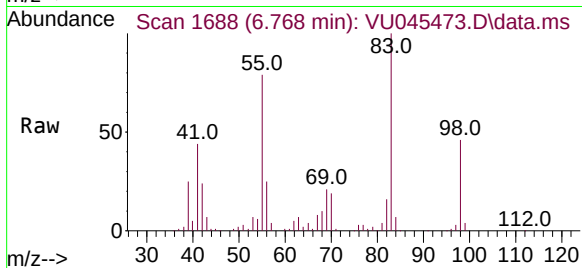
Tgt Ion: 83 Resp: 92329

Ion Ratio Lower Upper

83 100

55 78.6 63.6 95.4

98 46.1 37.1 55.7



#40

Benzene

Concen: 20.740 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045473.D

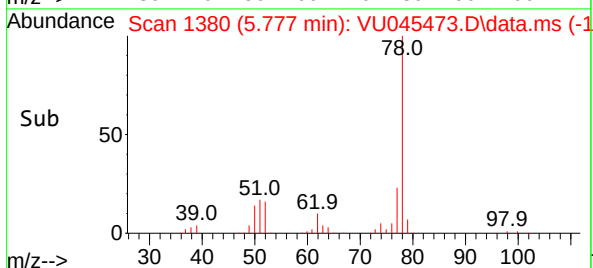
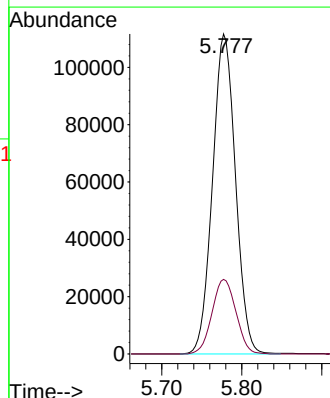
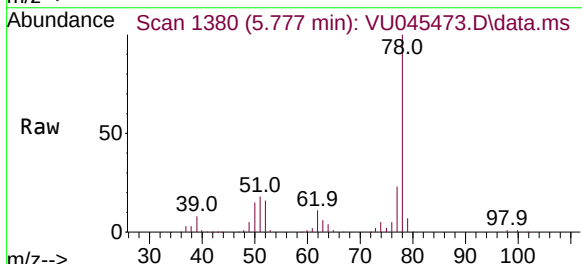
Acq: 29 Oct 2021 18:49

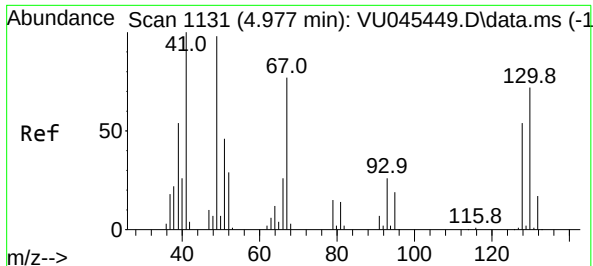
Tgt Ion: 78 Resp: 222738

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4





#41

Methacrylonitrile

Concen: 21.517 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 49202

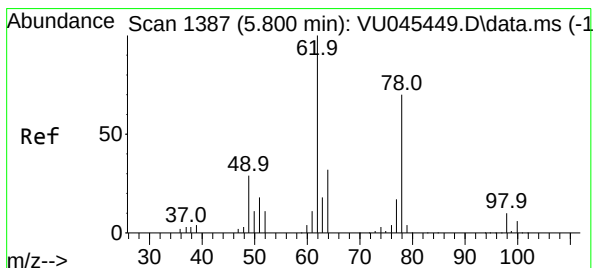
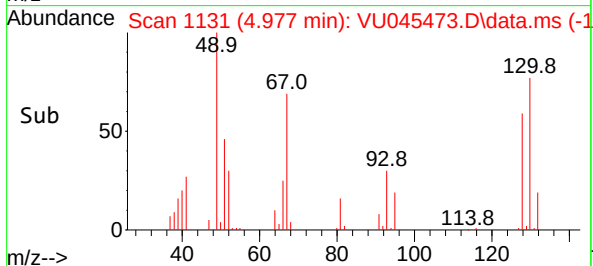
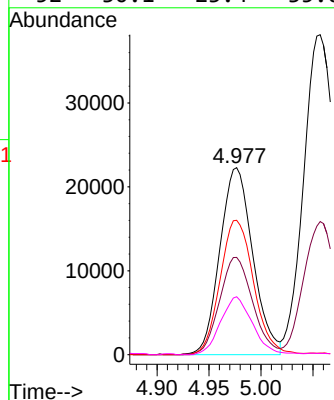
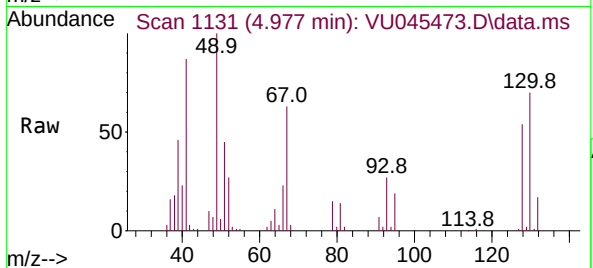
Ion Ratio Lower Upper

41 100

39 52.3 43.4 65.0

67 73.3 61.0 91.4

52 30.1 23.4 35.0



#42

1,2-Dichloroethane

Concen: 20.605 ug/l

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045473.D

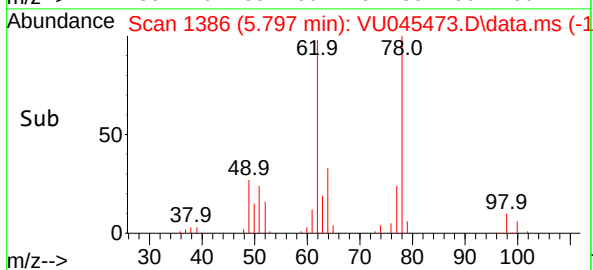
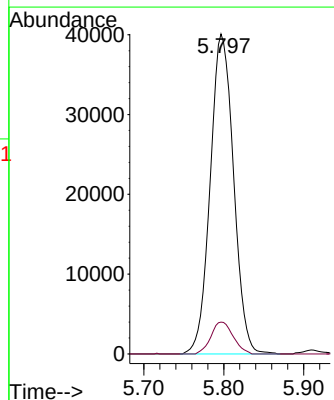
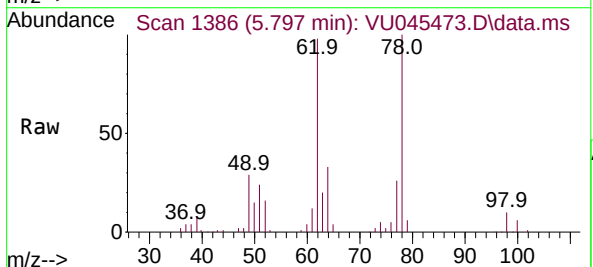
Acq: 29 Oct 2021 18:49

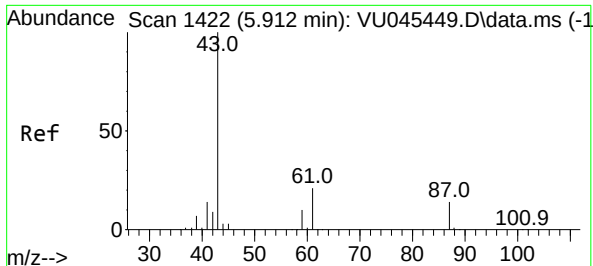
Tgt Ion: 62 Resp: 81275

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.4





#43

Isopropyl Acetate

Concen: 20.864 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

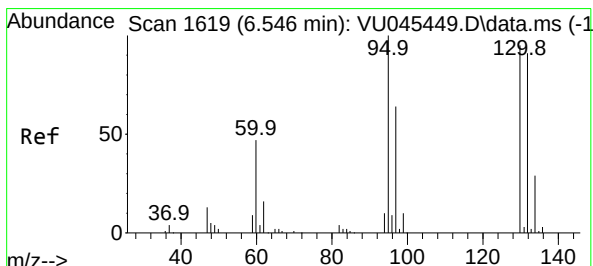
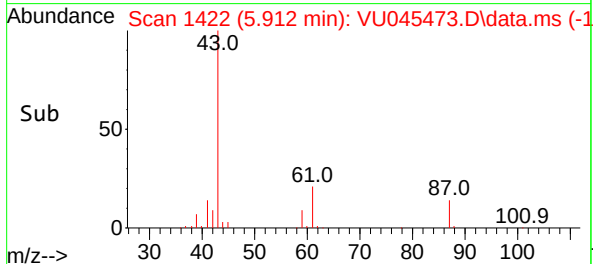
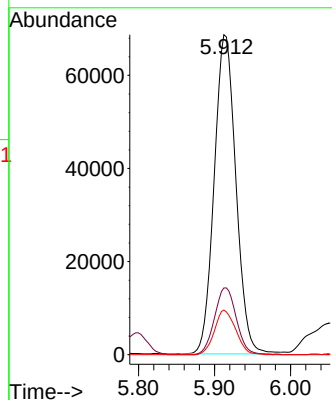
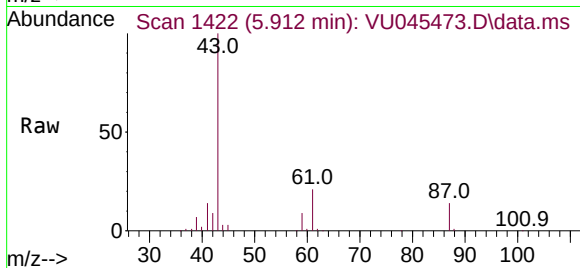
Tgt Ion: 43 Resp: 135857

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3

87 13.6 11.0 16.4



#44

Trichloroethene

Concen: 20.601 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045473.D

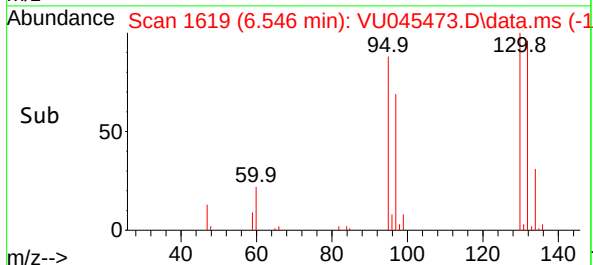
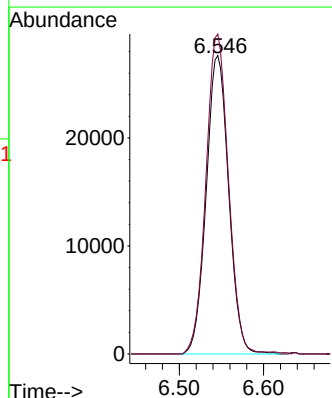
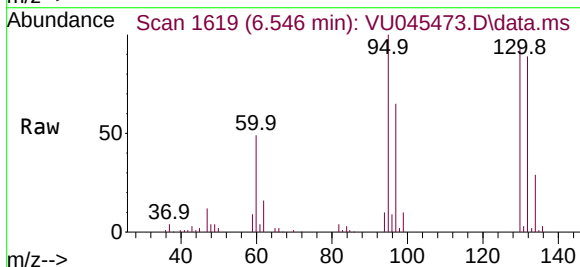
Acq: 29 Oct 2021 18:49

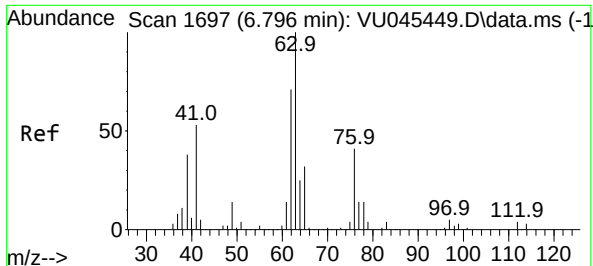
Tgt Ion:130 Resp: 51280

Ion Ratio Lower Upper

130 100

95 107.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.984 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

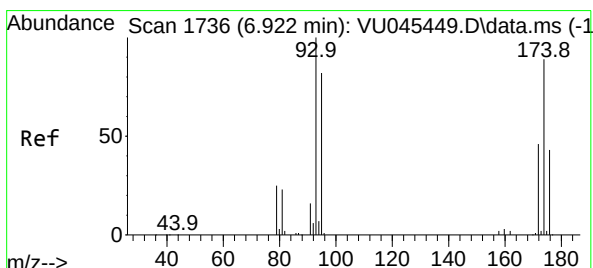
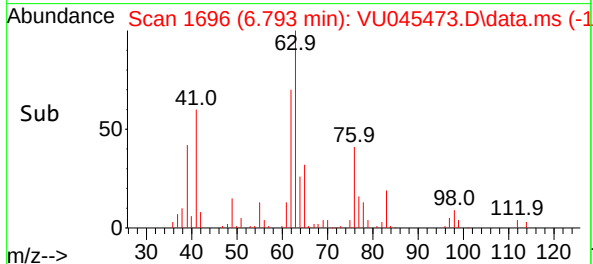
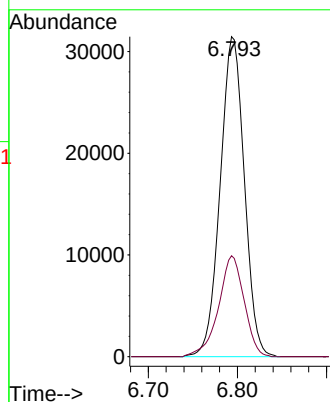
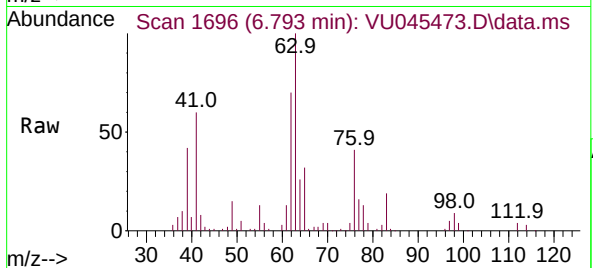
ClientSampleId :

Tgt Ion: 63 Resp: 59309

Ion Ratio Lower Upper

63 100

65 31.5 25.7 38.5



#46

Dibromomethane

Concen: 20.601 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

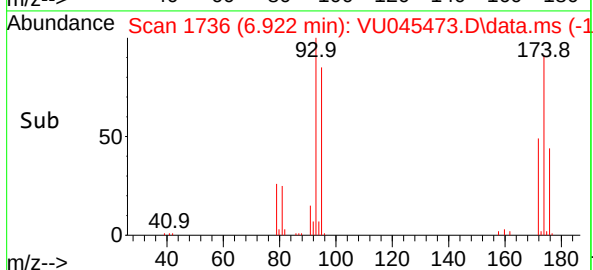
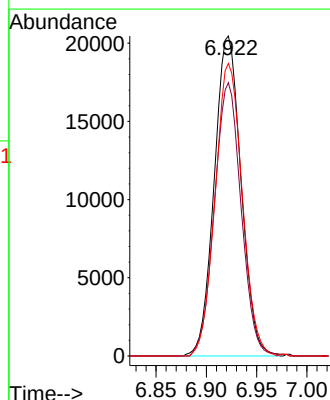
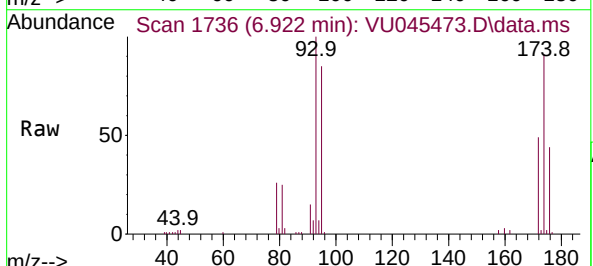
Tgt Ion: 93 Resp: 37913

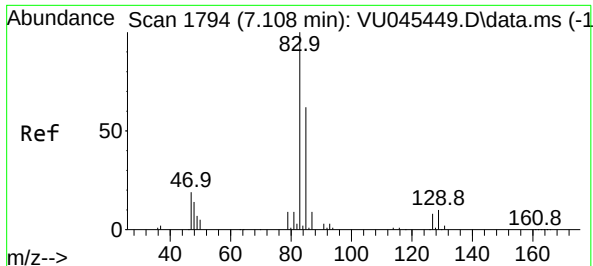
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.2

174 92.2 71.0 106.6





#47

Bromodichloromethane

Concen: 21.009 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

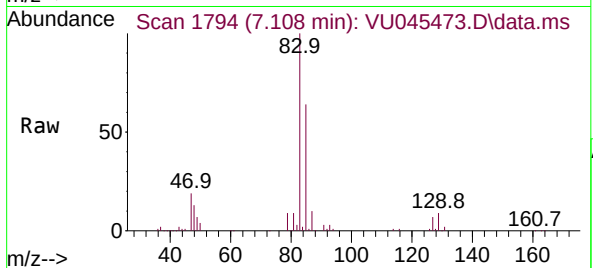
Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

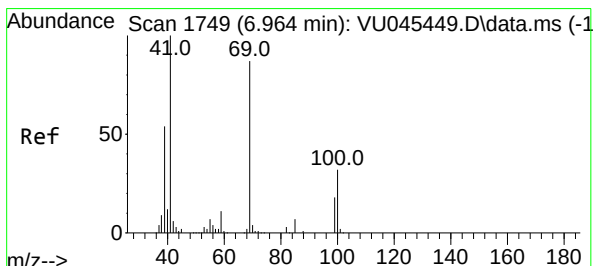
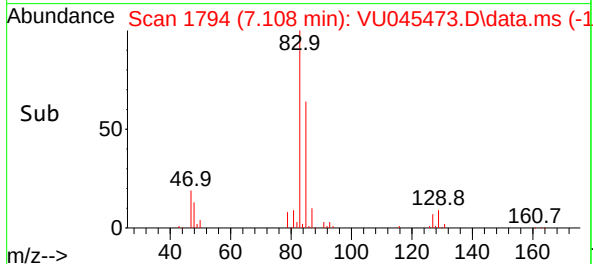
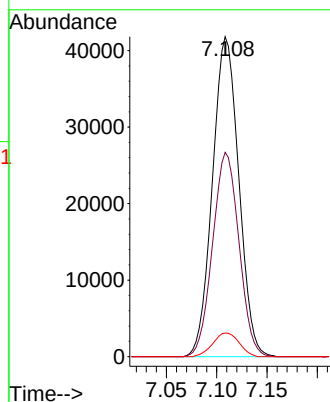
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	76093
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.8	74.6
127	7.4	6.2	9.2



#48

Methyl methacrylate

Concen: 21.405 ug/l

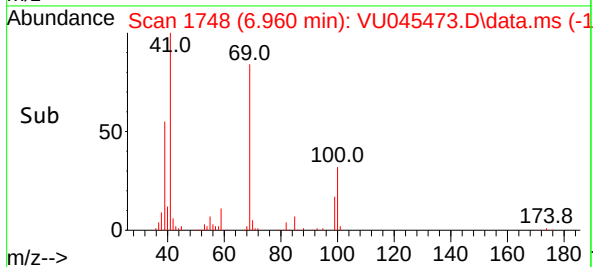
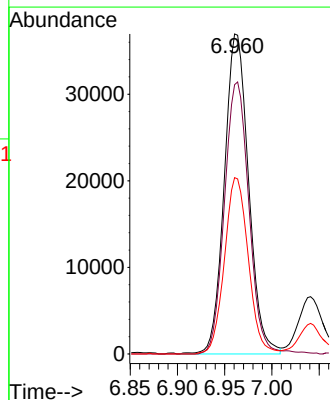
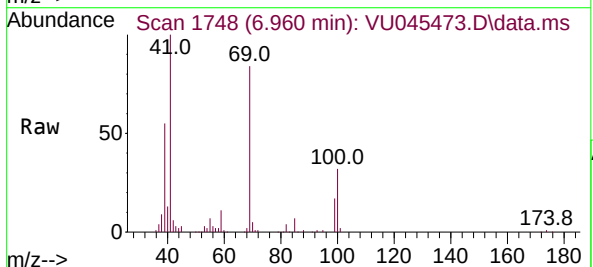
RT: 6.960 min Scan# 1748

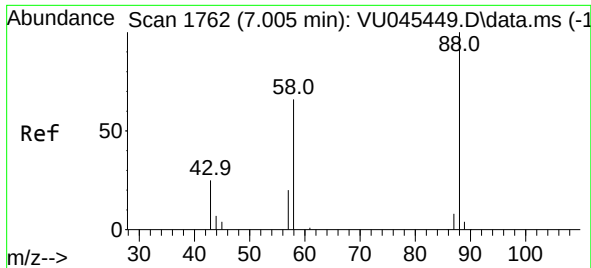
Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Tgt Ion:	41	Resp:	66066
Ion Ratio	Lower	Upper	
41	100		
69	85.7	70.2	105.2
39	54.0	43.9	65.9

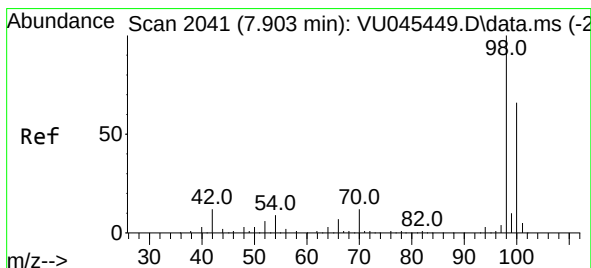
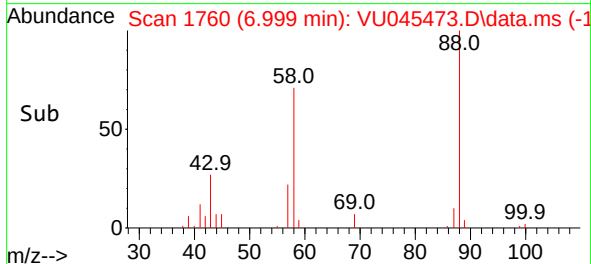
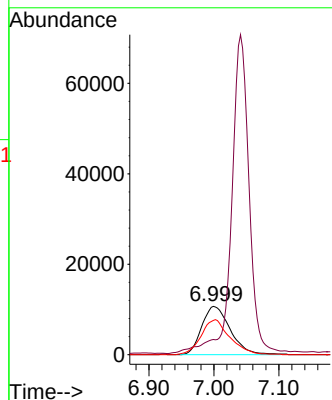
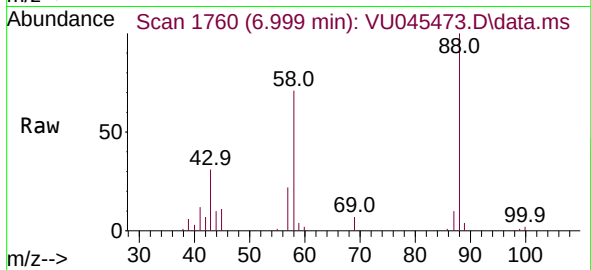




#49
1,4-Dioxane
Concen: 416.182 ug/l
RT: 6.999 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

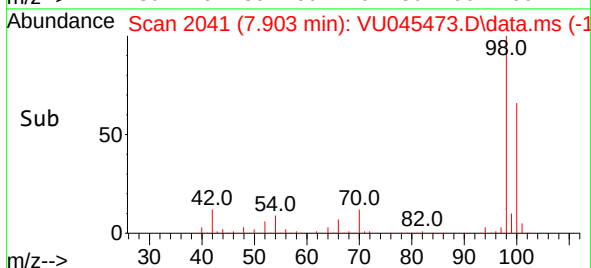
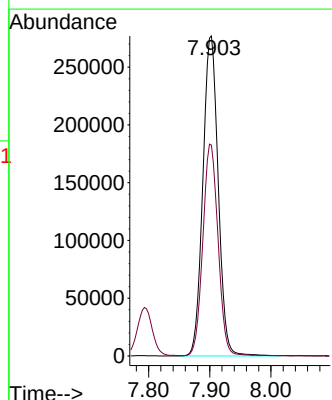
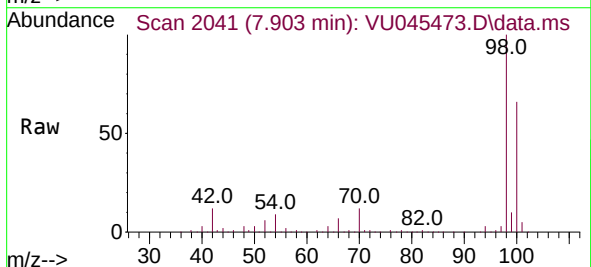
Instrument :
MSVOA_U
ClientSampleId :

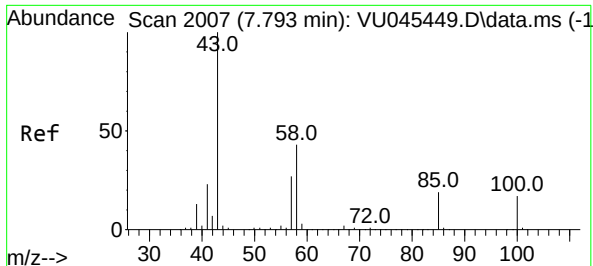
Tgt Ion: 88 Resp: 32645
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.0 58.7 88.1



#50
Toluene-d8
Concen: 51.694 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 98 Resp: 483092
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

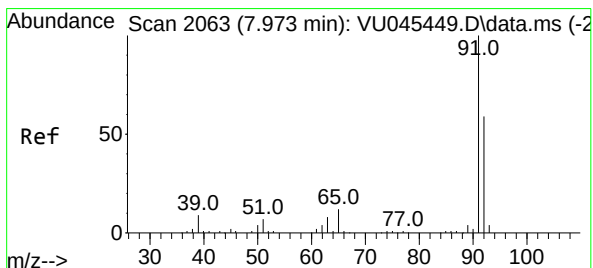
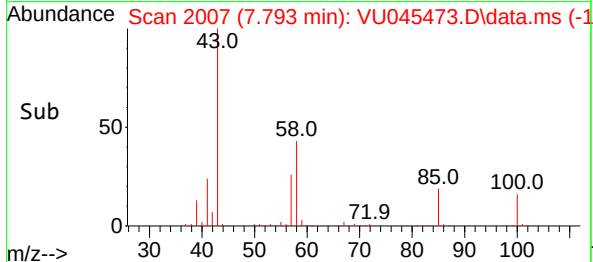
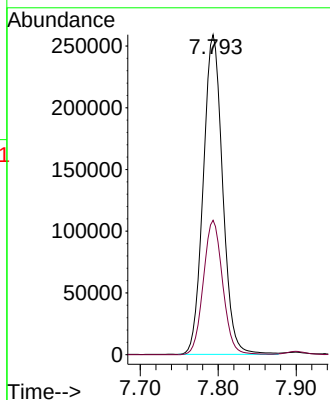
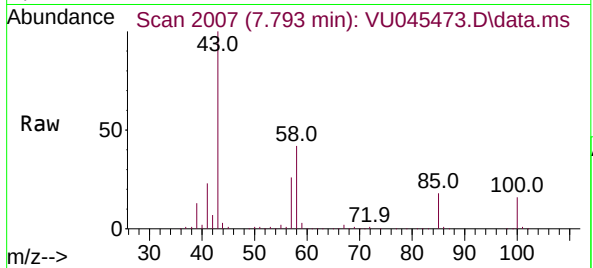




#51
4-Methyl-2-Pentanone
Concen: 106.171 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

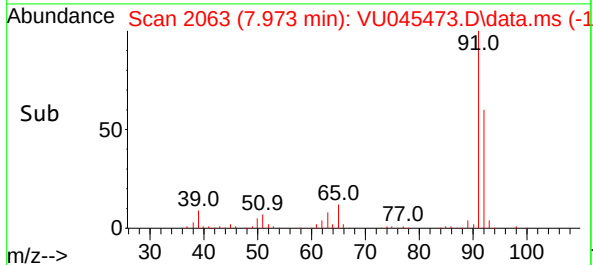
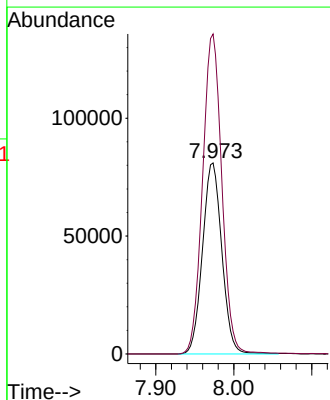
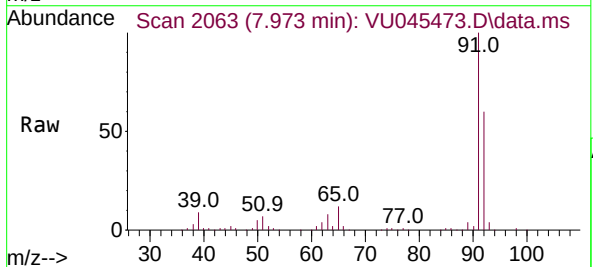
Instrument :
MSVOA_U
ClientSampleId :

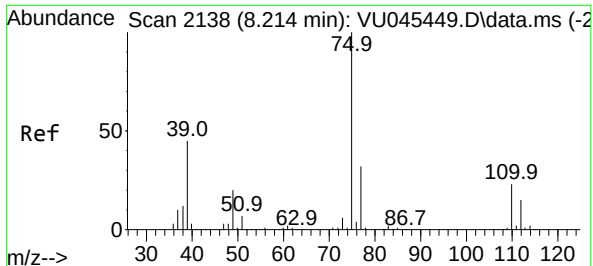
Tgt Ion: 43 Resp: 446842
Ion Ratio Lower Upper
43 100
58 42.0 33.8 50.8



#52
Toluene
Concen: 21.353 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 92 Resp: 139403
Ion Ratio Lower Upper
92 100
91 167.4 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 20.730 ug/l

RT: 8.211 min Scan# 2138

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

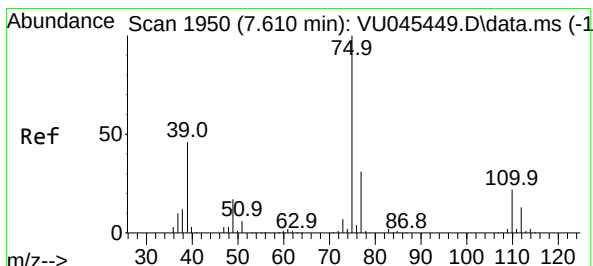
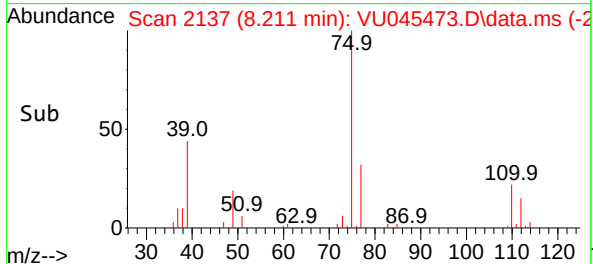
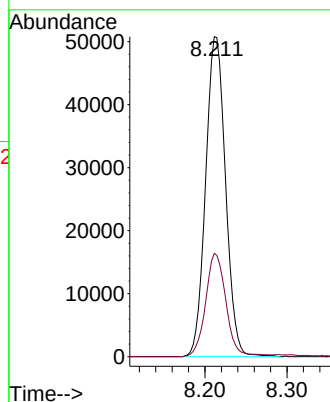
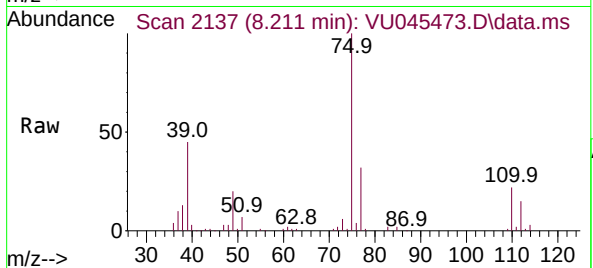
ClientSampleId :

Tgt Ion: 75 Resp: 85573

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.891 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

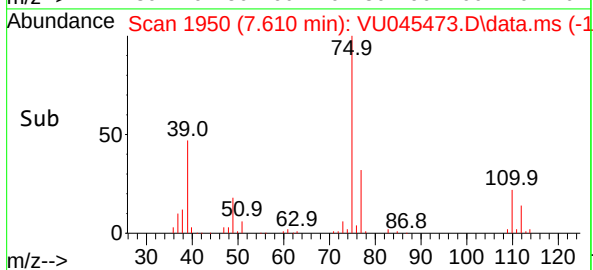
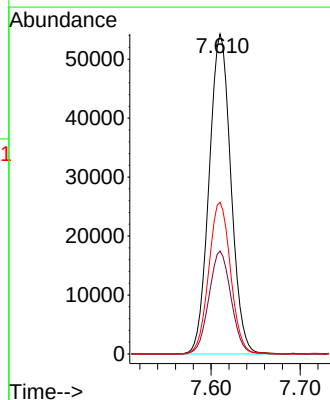
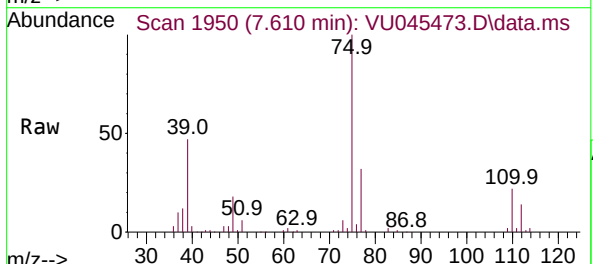
Tgt Ion: 75 Resp: 92357

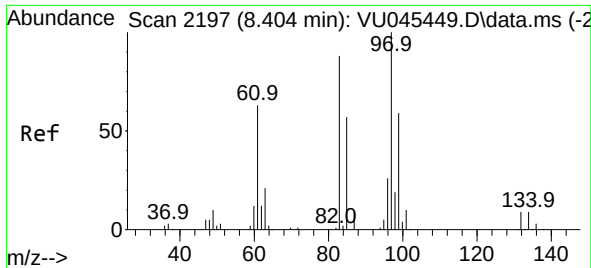
Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

39 47.4 37.1 55.7

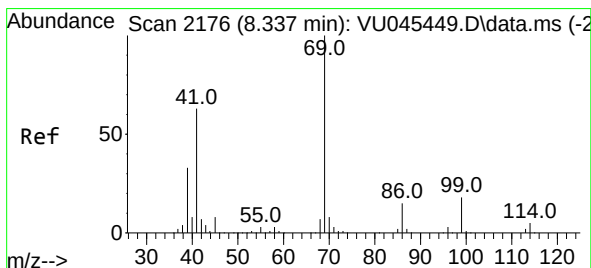
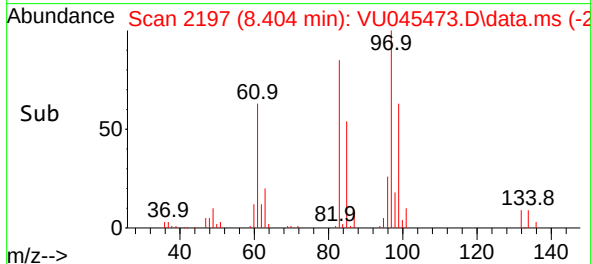
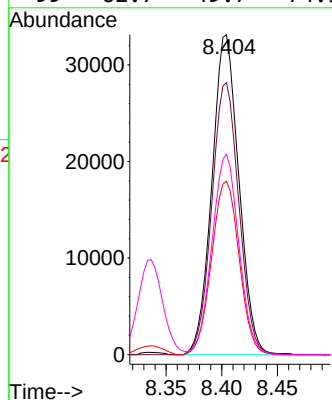
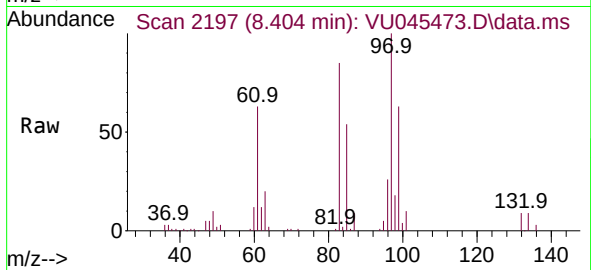




#55
1,1,2-Trichloroethane
Concen: 20.905 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

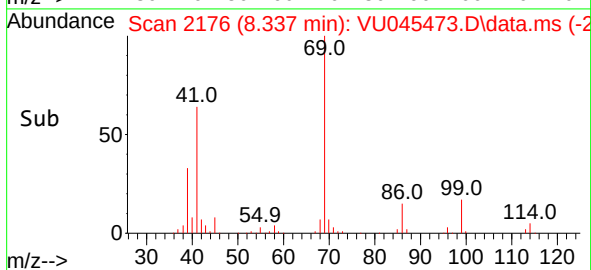
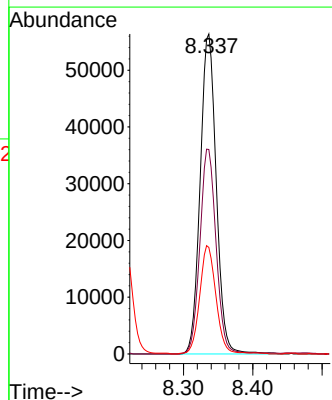
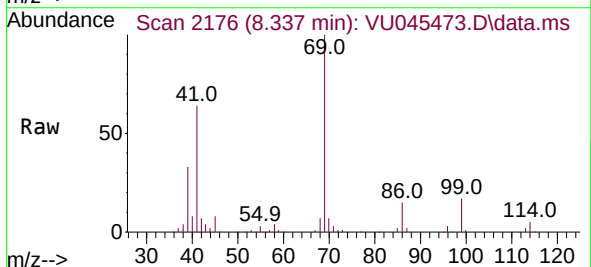
Instrument :
MSVOA_U
ClientSampleId :

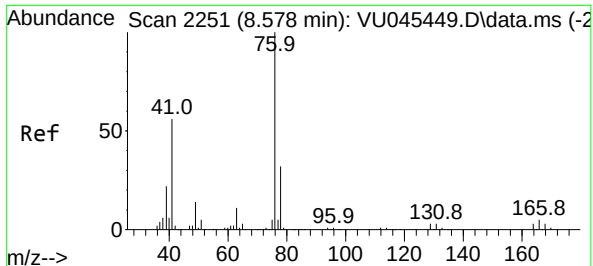
Tgt Ion:	97	Resp:	55748
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.3	105.5
85	54.2	45.5	68.3
99	62.7	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.698 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:	69	Resp:	91103
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.0	76.4
39	34.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.677 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

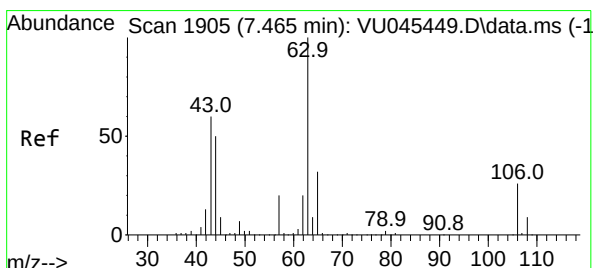
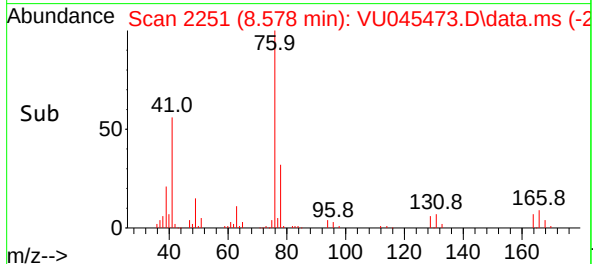
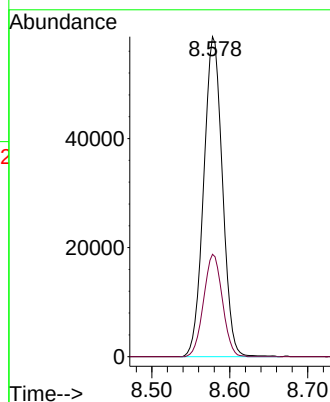
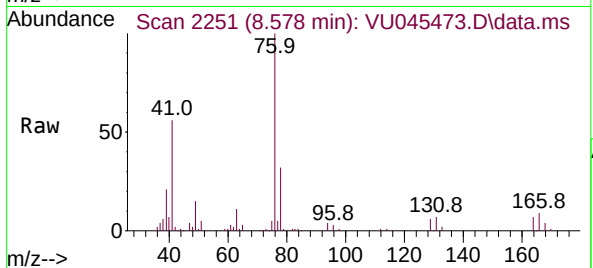
ClientSampleId :

Tgt Ion: 76 Resp: 97877

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.163 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045473.D

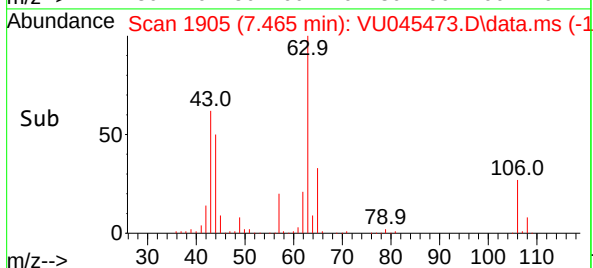
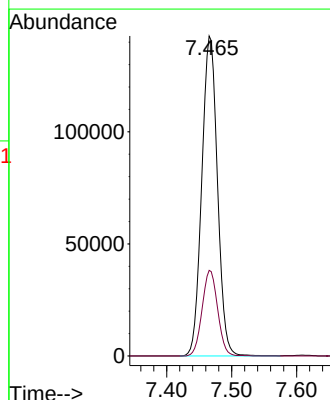
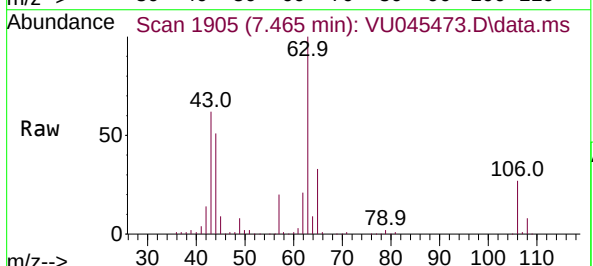
Acq: 29 Oct 2021 18:49

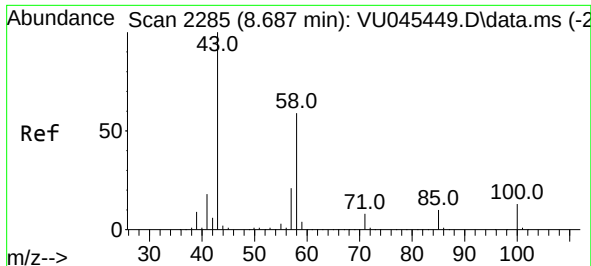
Tgt Ion: 63 Resp: 239945

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4





#59

2-Hexanone

Concen: 105.636 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

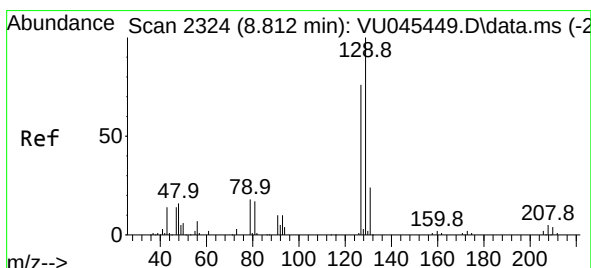
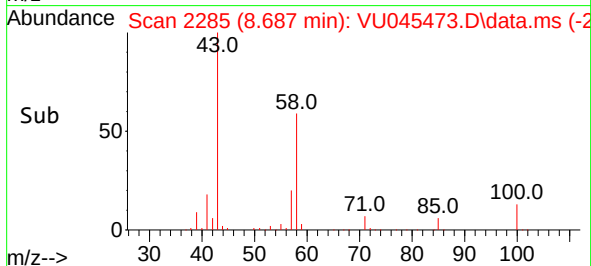
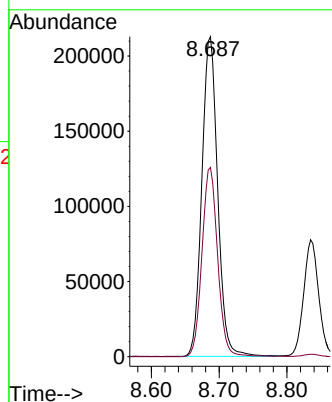
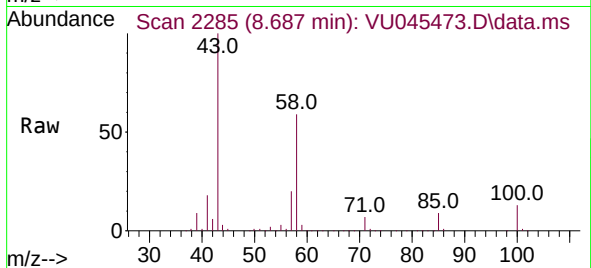
ClientSampleId :

Tgt Ion: 43 Resp: 344466

Ion Ratio Lower Upper

43 100

58 58.7 29.5 88.6



#60

Dibromochloromethane

Concen: 20.462 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045473.D

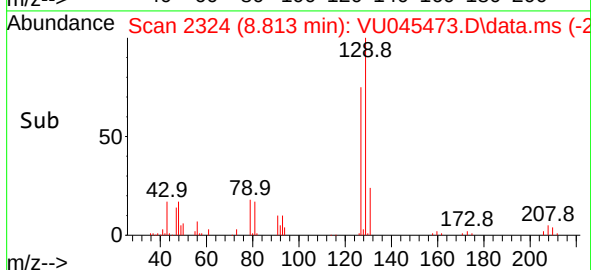
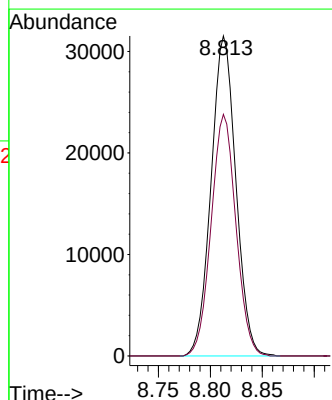
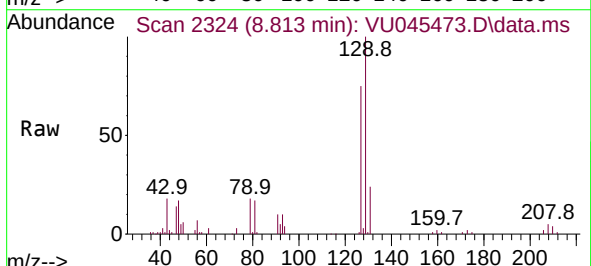
Acq: 29 Oct 2021 18:49

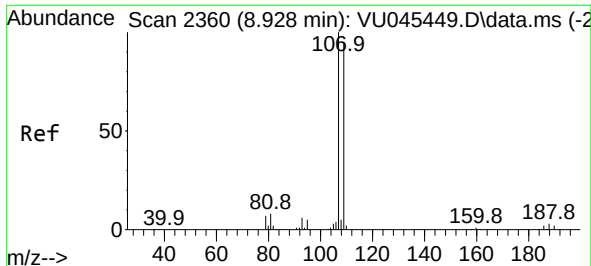
Tgt Ion: 129 Resp: 52369

Ion Ratio Lower Upper

129 100

127 75.4 38.5 115.3

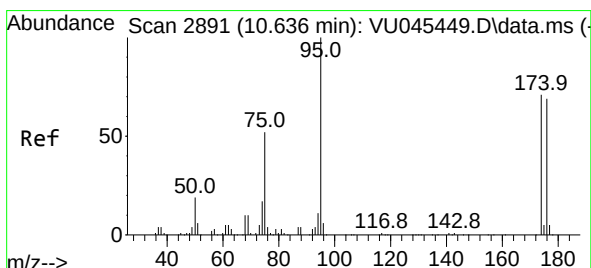
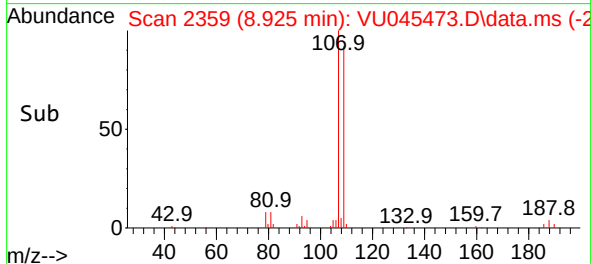
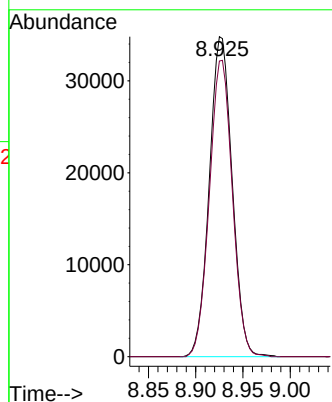
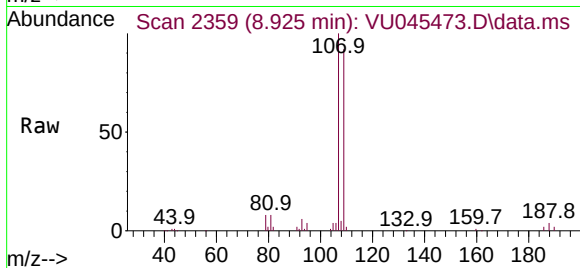




#61
1,2-Dibromoethane
Concen: 20.950 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

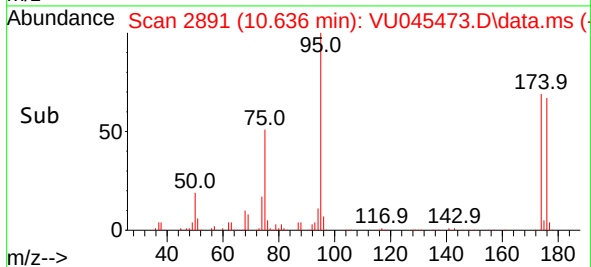
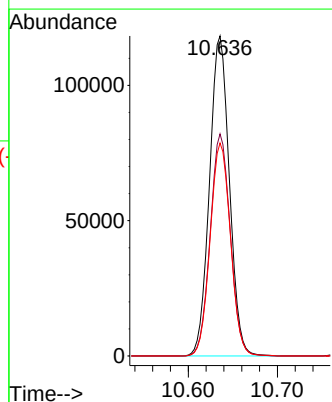
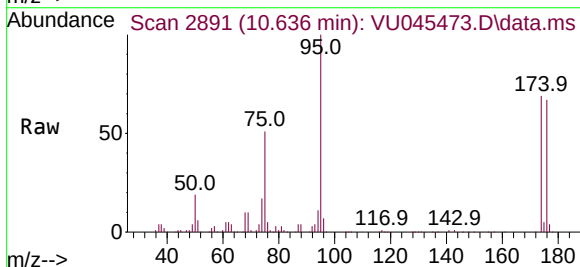
Instrument :
MSVOA_U
ClientSampleId :

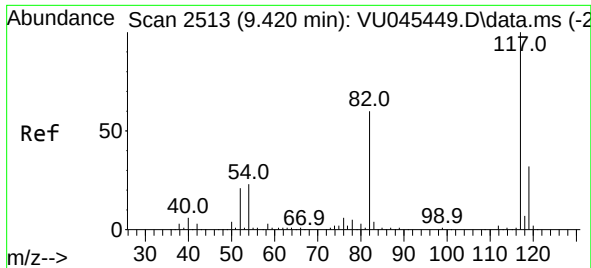
Tgt Ion:107 Resp: 58518
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.347 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 95 Resp: 182850
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 68.0 0.0 138.2

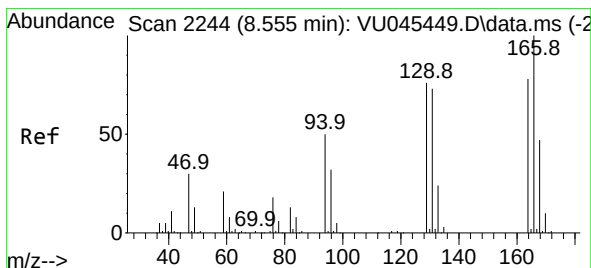
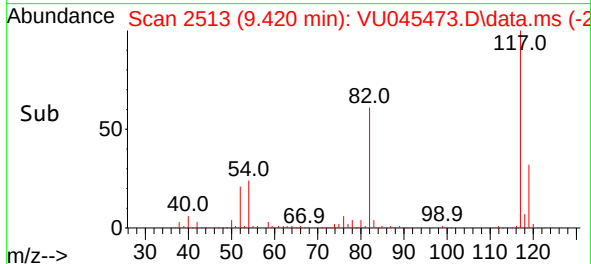
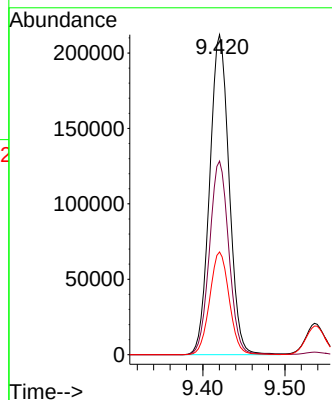
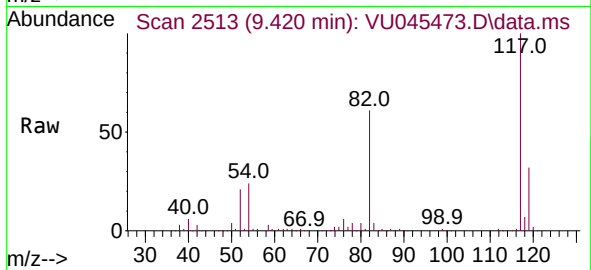




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

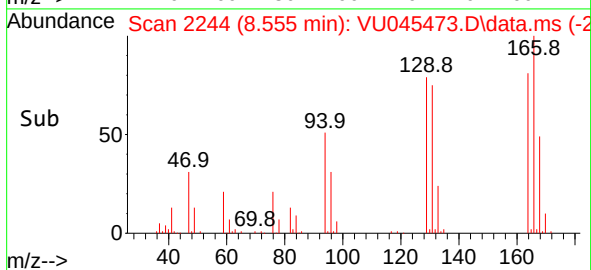
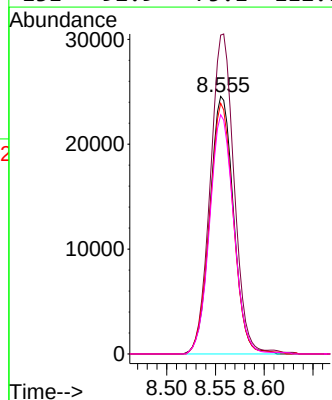
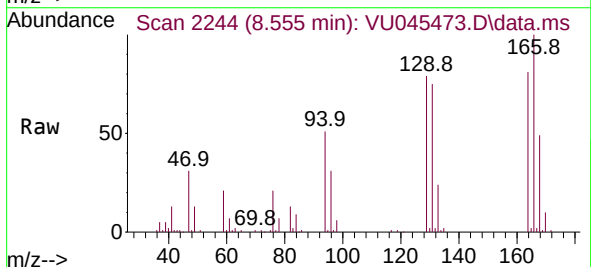
Instrument :
MSVOA_U
ClientSampleId :

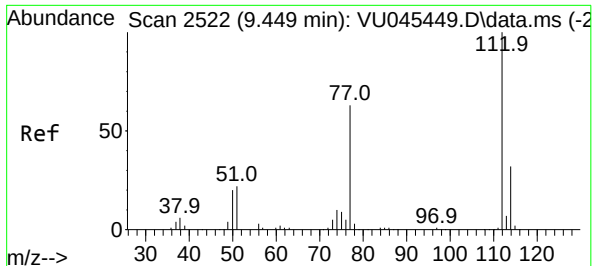
Tgt Ion:117 Resp: 349283
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 20.825 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:164 Resp: 41579
Ion Ratio Lower Upper
164 100
166 123.8 102.2 153.4
129 97.4 78.2 117.4
131 92.9 75.1 112.7

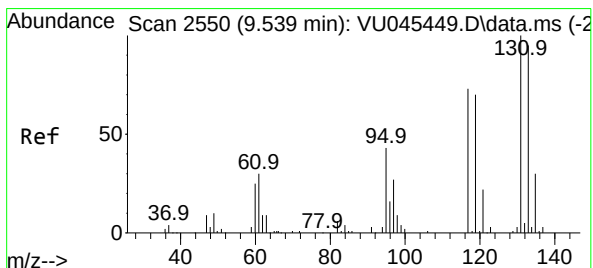
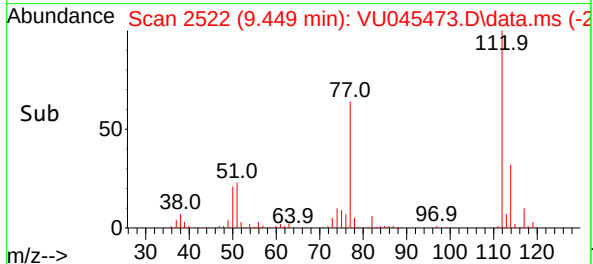
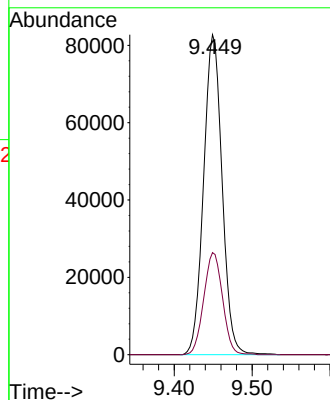
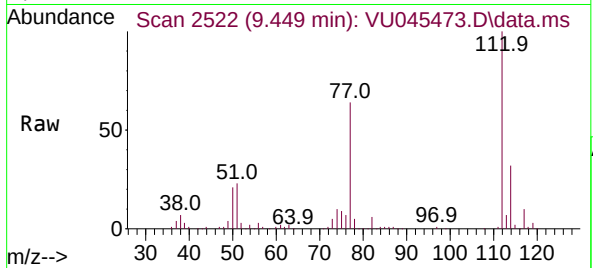




#65
Chlorobenzene
Concen: 20.612 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

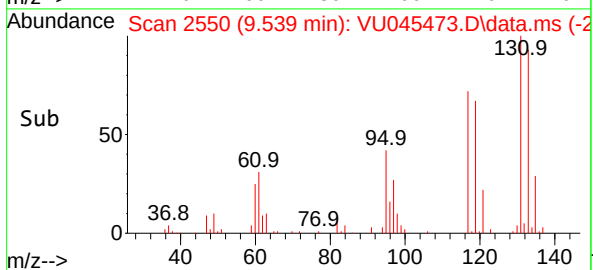
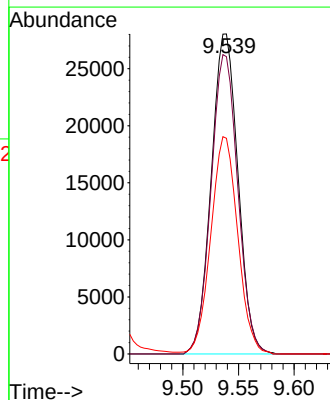
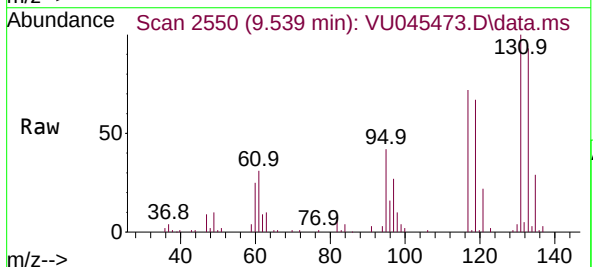
Instrument :
MSVOA_U
ClientSampleId :

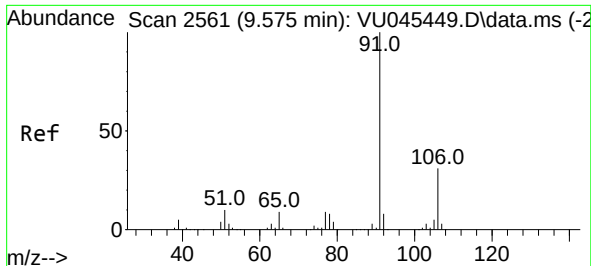
Tgt Ion:112 Resp: 136504
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.955 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:131 Resp: 46819
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.6
119 68.4 34.5 103.6





#67

Ethyl Benzene

Concen: 21.030 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

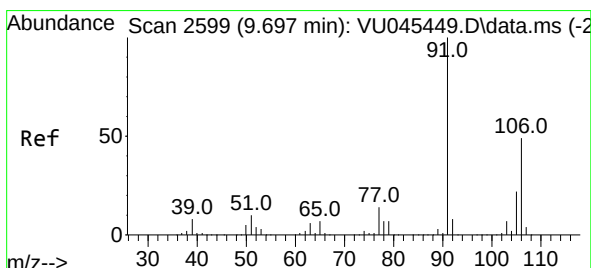
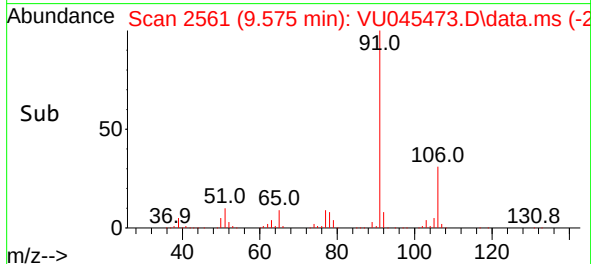
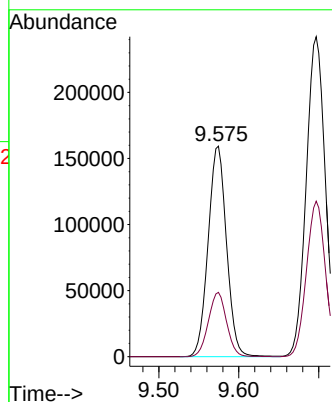
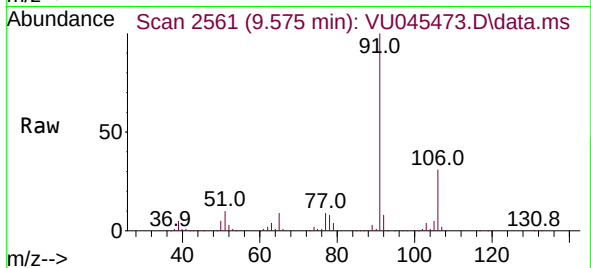
ClientSampleId :

Tgt Ion: 91 Resp: 255110

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 42.489 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045473.D

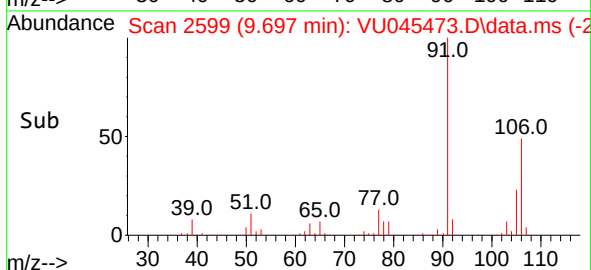
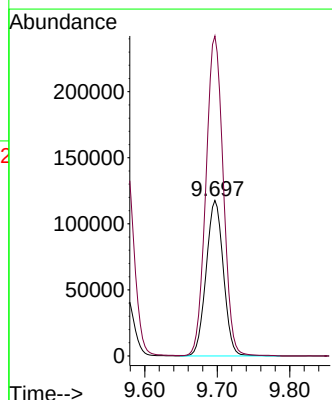
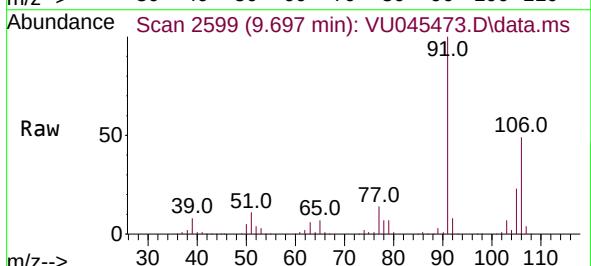
Acq: 29 Oct 2021 18:49

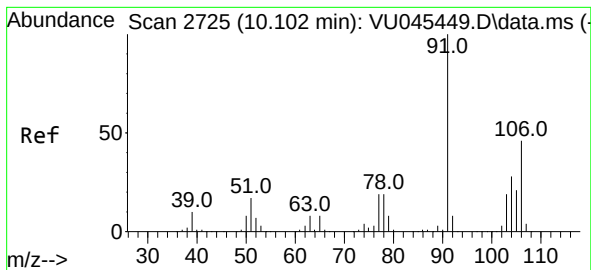
Tgt Ion:106 Resp: 194565

Ion Ratio Lower Upper

106 100

91 207.0 164.7 247.1





#69

o-Xylene

Concen: 21.074 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

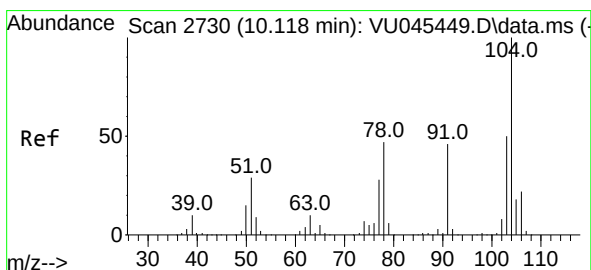
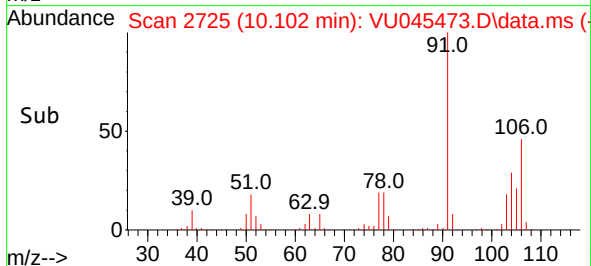
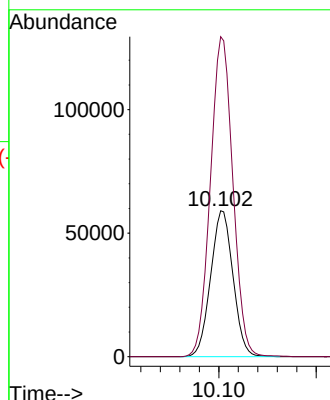
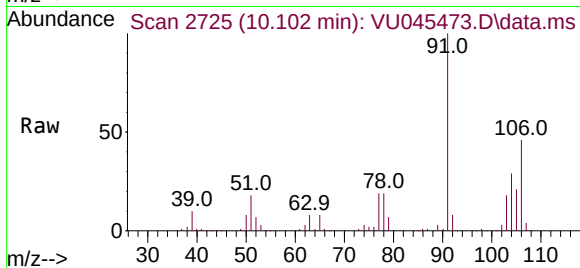
ClientSampleId :

Tgt Ion:106 Resp: 94097

Ion Ratio Lower Upper

106 100

91 220.6 108.7 326.3



#70

Styrene

Concen: 19.948 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

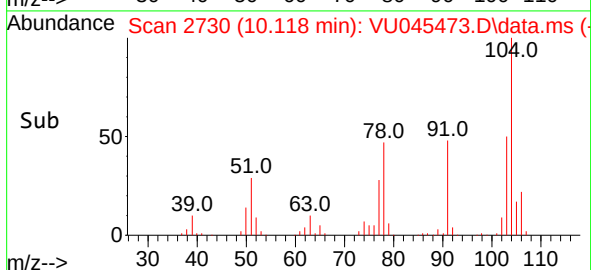
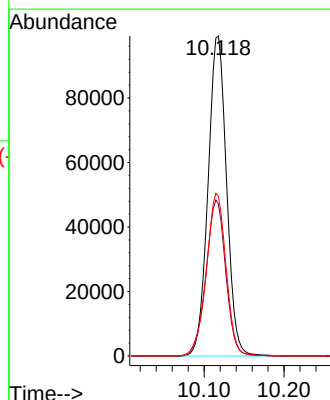
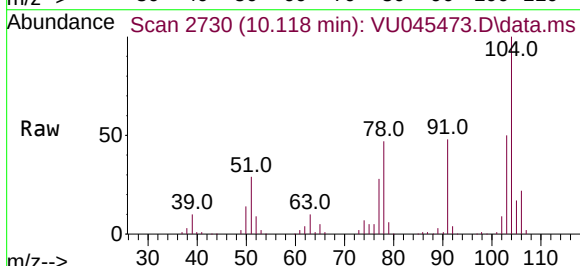
Tgt Ion:104 Resp: 159750

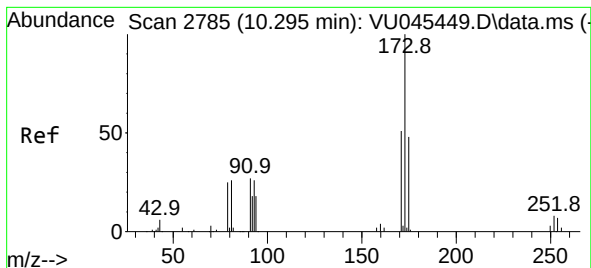
Ion Ratio Lower Upper

104 100

78 52.0 41.8 62.6

103 53.9 43.8 65.6





#71

Bromoform

Concen: 19.409 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

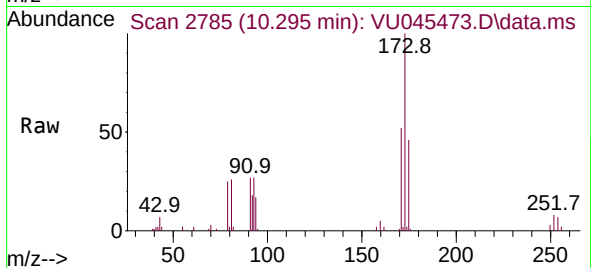
Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :



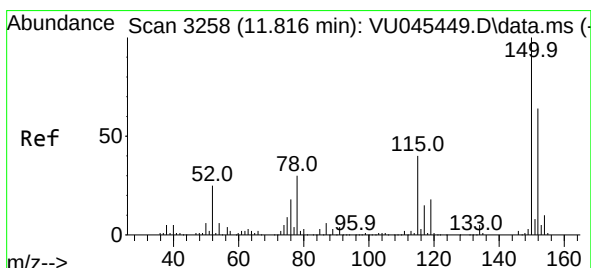
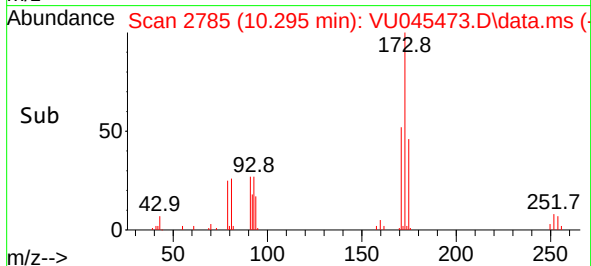
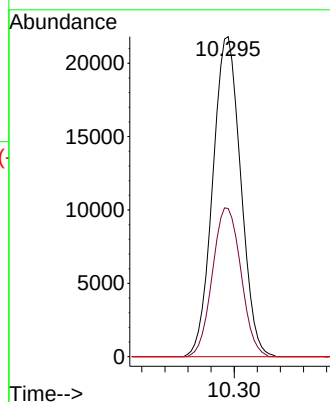
Tgt Ion:173 Resp: 36668

Ion Ratio Lower Upper

173 100

175 47.4 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

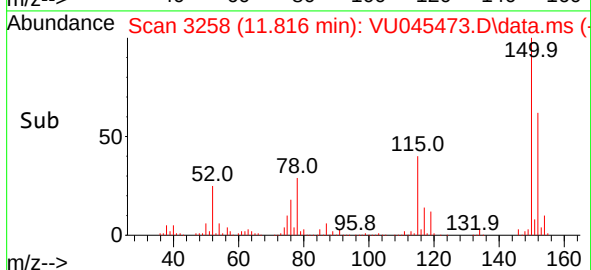
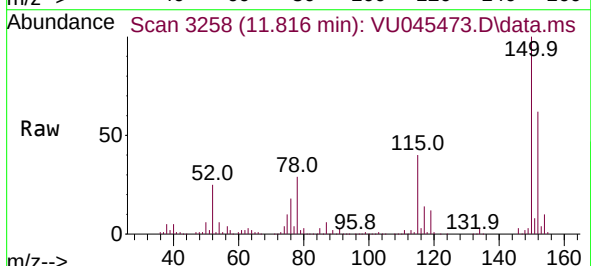
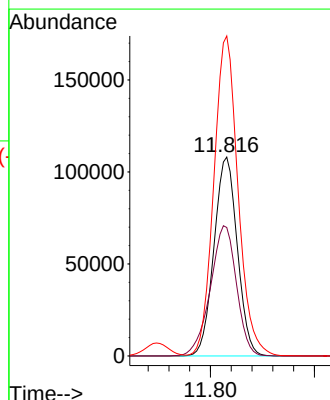
Tgt Ion:152 Resp: 168275

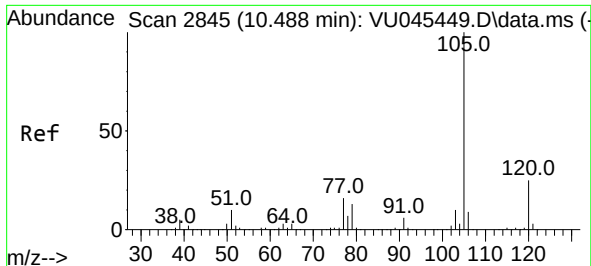
Ion Ratio Lower Upper

152 100

115 73.3 42.7 128.1

150 167.1 0.0 346.8

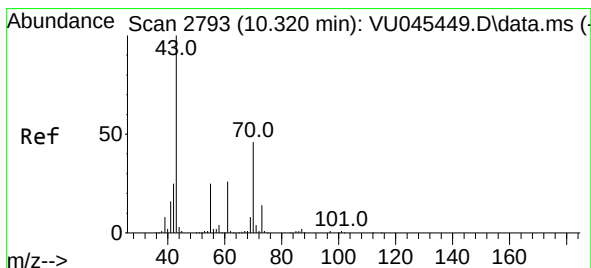
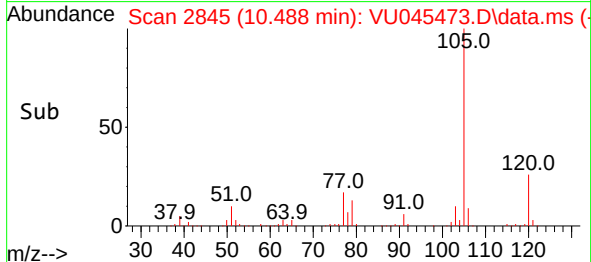
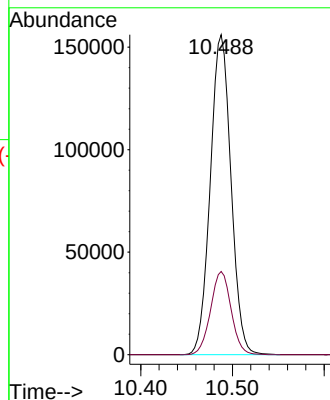
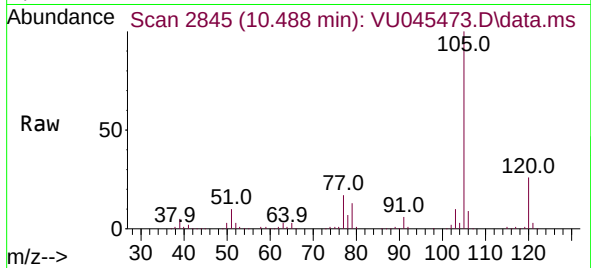




#73
Isopropylbenzene
Concen: 21.581 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

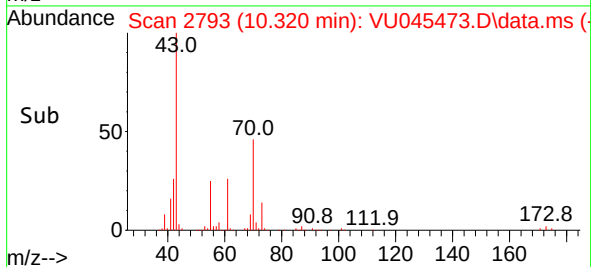
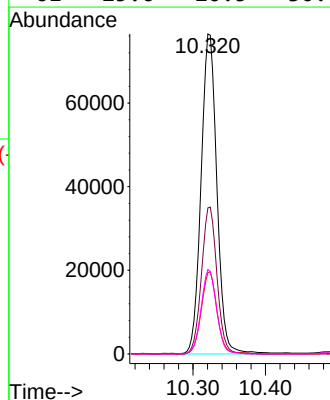
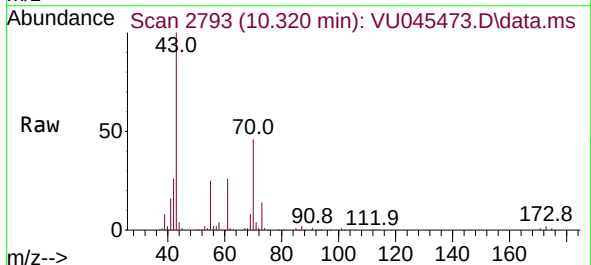
Instrument :
MSVOA_U
ClientSampleId :

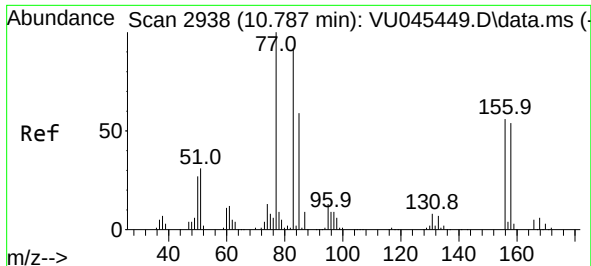
Tgt Ion:105 Resp: 244872
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 20.414 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion: 43 Resp: 116024
Ion Ratio Lower Upper
43 100
70 44.9 36.9 55.3
55 25.4 20.6 31.0
61 25.6 20.5 30.7

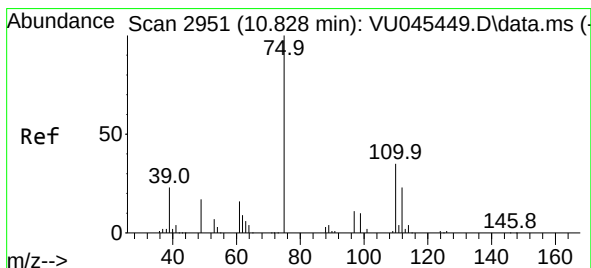
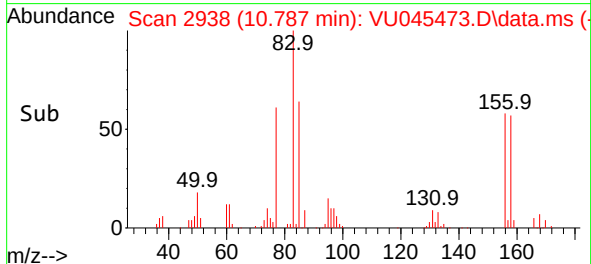
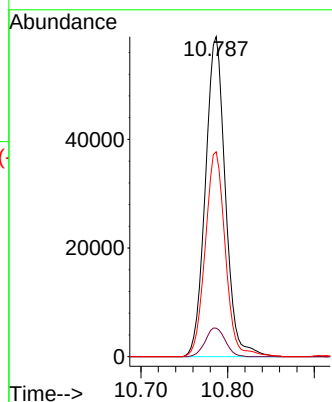
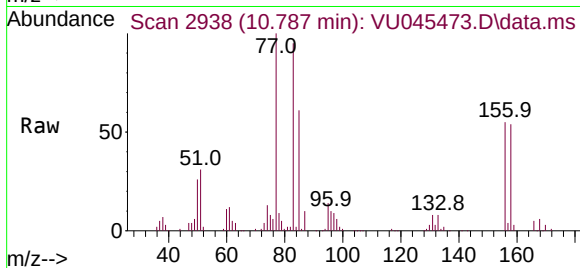




#75
1,1,2,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

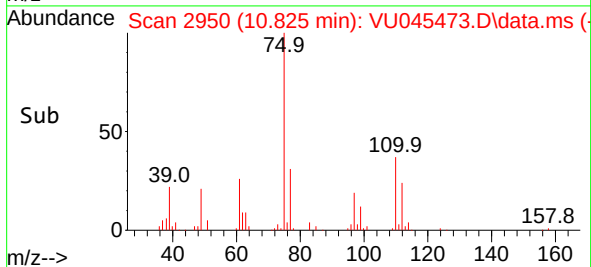
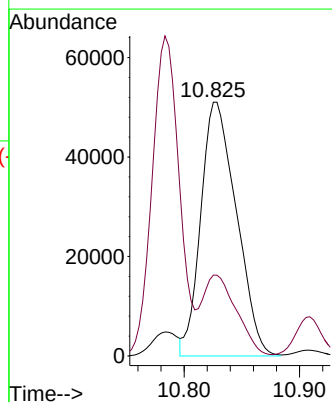
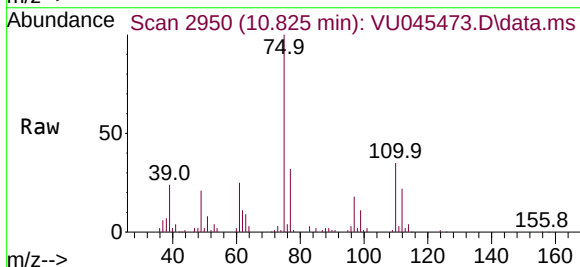
Instrument :
MSVOA_U
ClientSampleId :

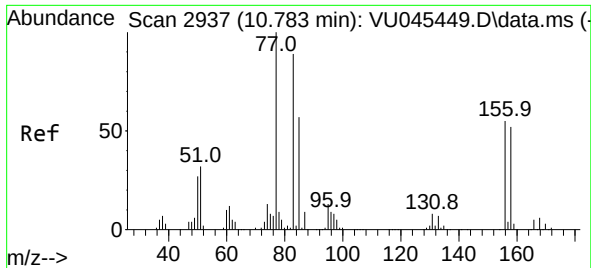
Tgt Ion: 83 Resp: 94414
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 64.3 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 24.375 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

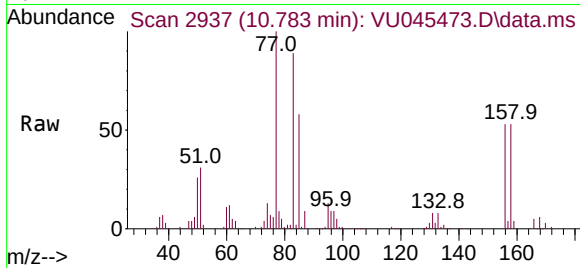
Tgt Ion: 75 Resp: 109286
Ion Ratio Lower Upper
75 100
77 29.1 17.1 51.3



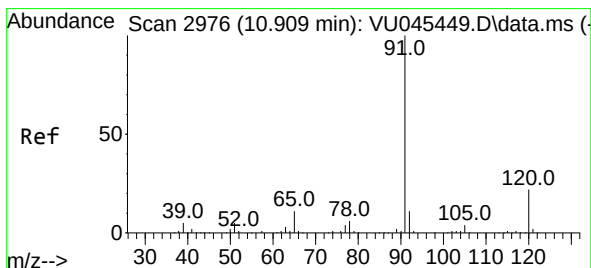
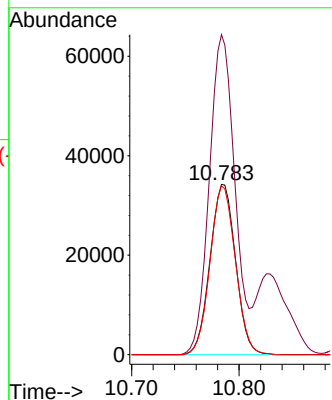
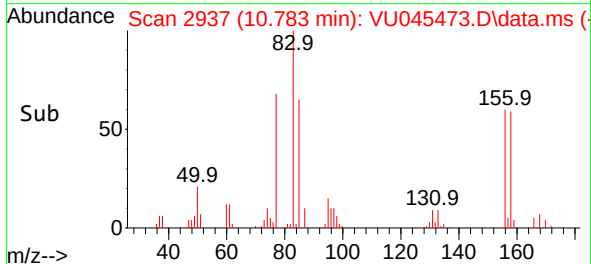


#77
Bromobenzene
Concen: 21.347 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

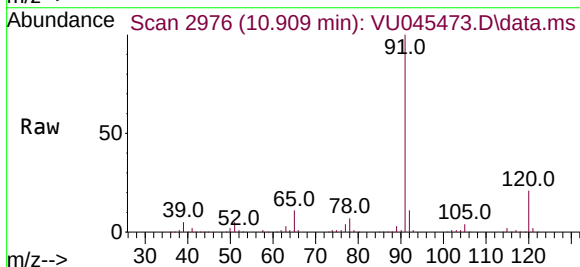
Instrument :
MSVOA_U
ClientSampleId :



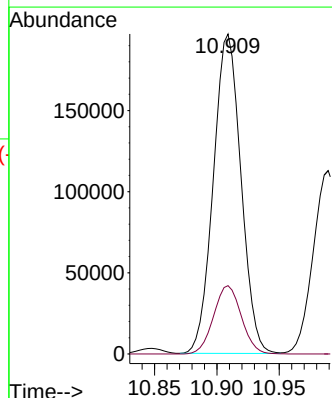
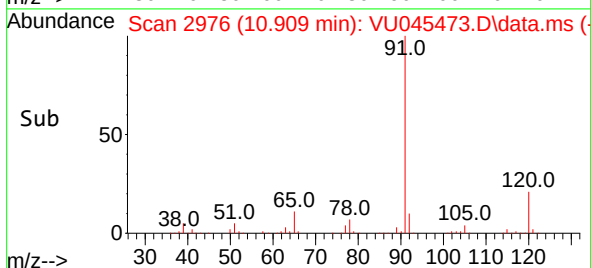
Tgt Ion:156 Resp: 56516
Ion Ratio Lower Upper
156 100
77 186.4 91.1 273.4
158 98.4 47.9 143.6

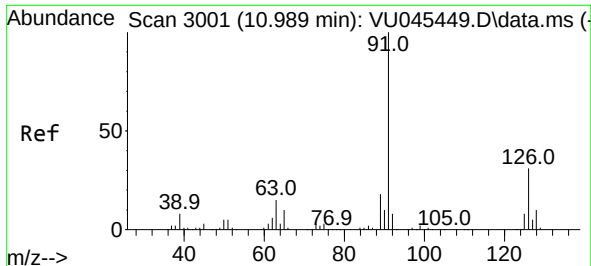


#78
n-propylbenzene
Concen: 22.047 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49



Tgt Ion: 91 Resp: 303290
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





#79

2-Chlorotoluene

Concen: 21.578 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

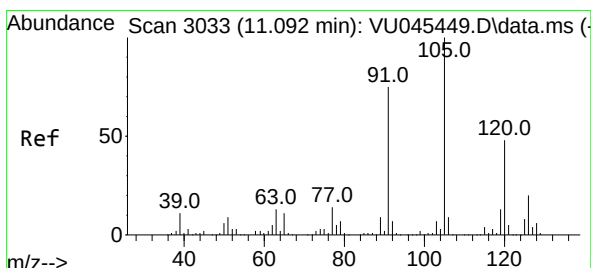
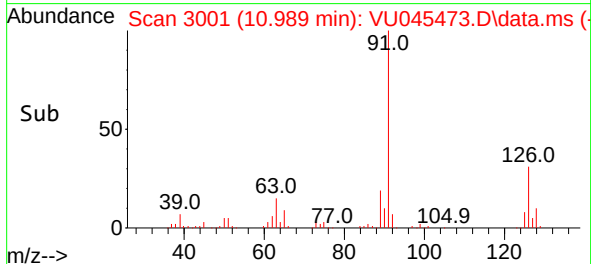
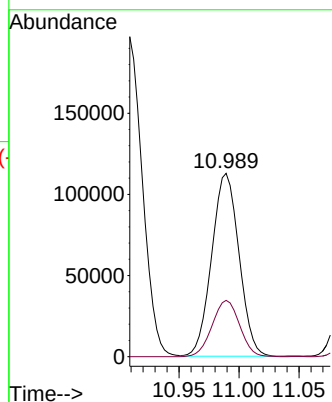
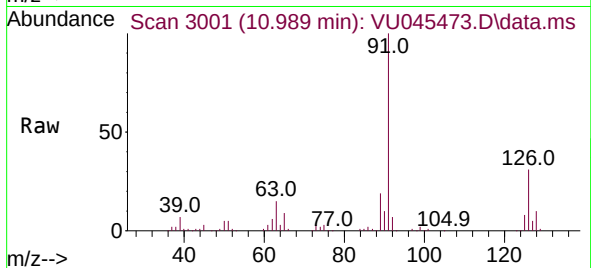
ClientSampleId :

Tgt Ion: 91 Resp: 178670

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 21.905 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045473.D

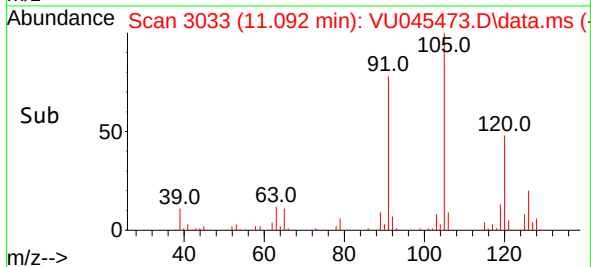
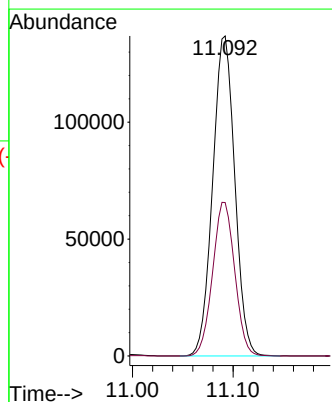
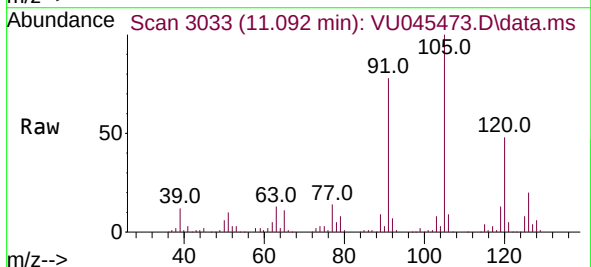
Acq: 29 Oct 2021 18:49

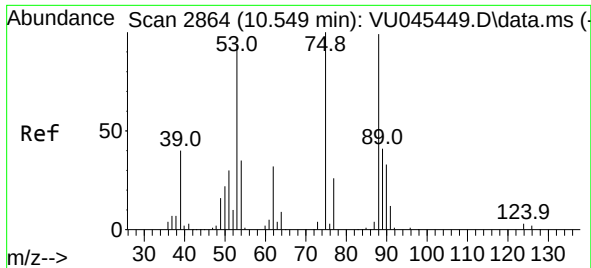
Tgt Ion: 105 Resp: 209140

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.8

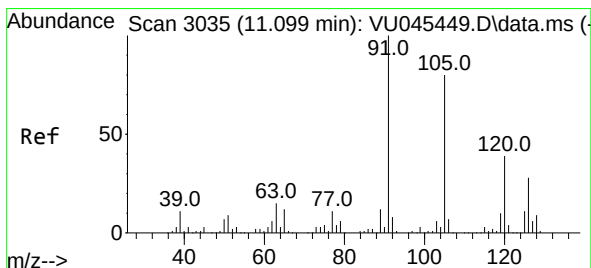
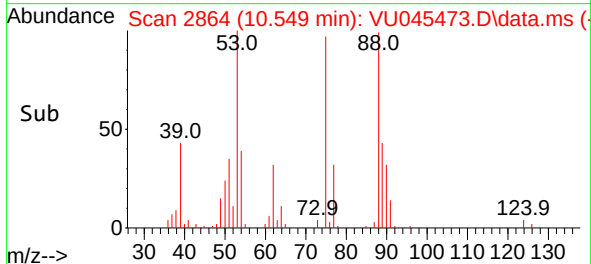
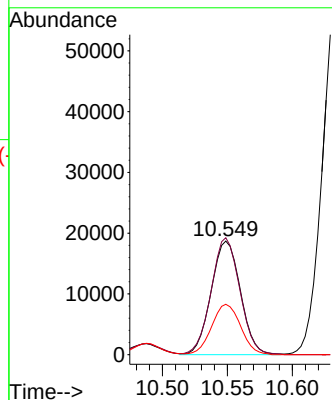
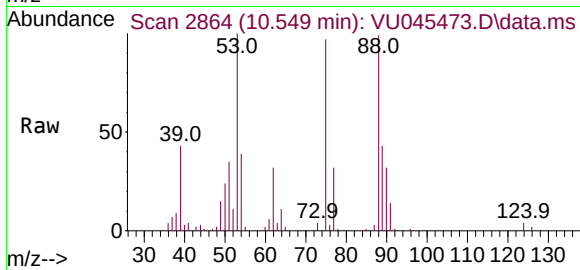




#81
trans-1,4-Dichloro-2-butene
Concen: 20.013 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

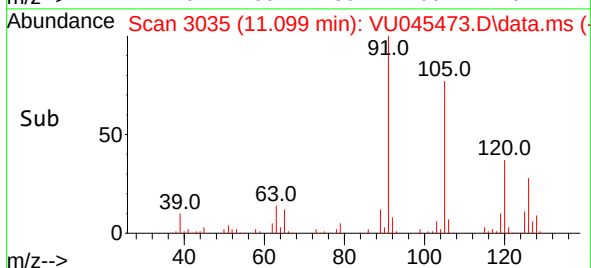
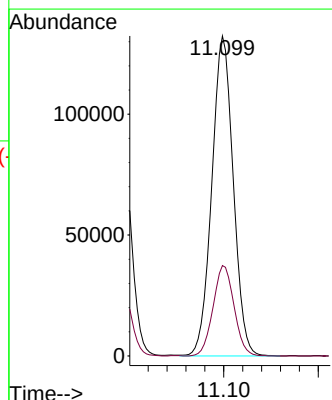
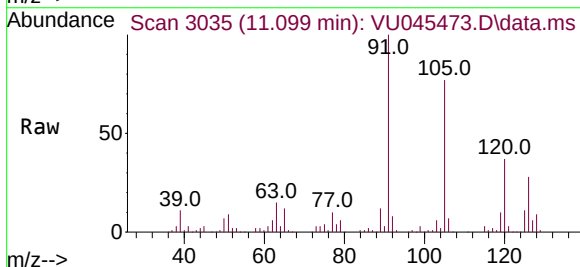
Instrument :
MSVOA_U
ClientSampleId :

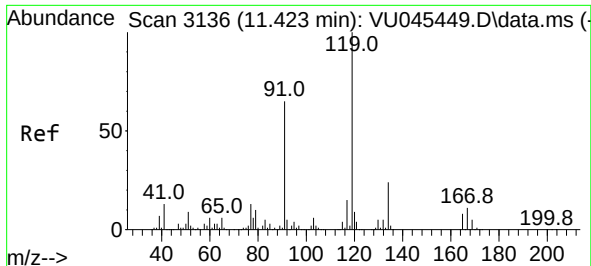
Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.9	76.2	114.4
89	43.8	34.0	51.0



#82
4-Chlorotoluene
Concen: 22.115 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	13.8	41.4

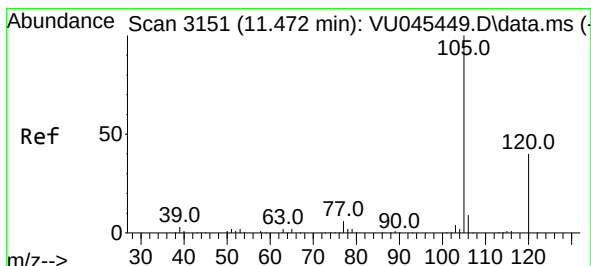
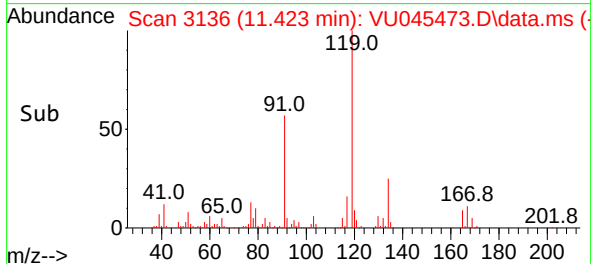
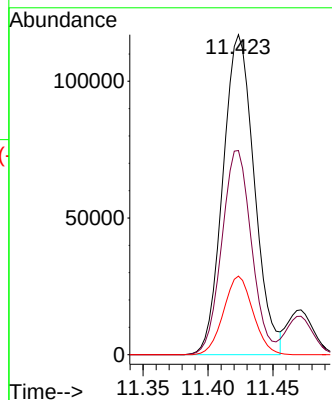
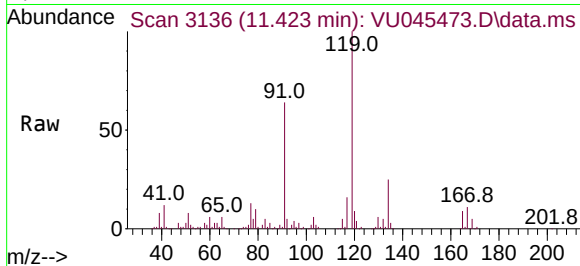




#83
tert-Butylbenzene
Concen: 21.345 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

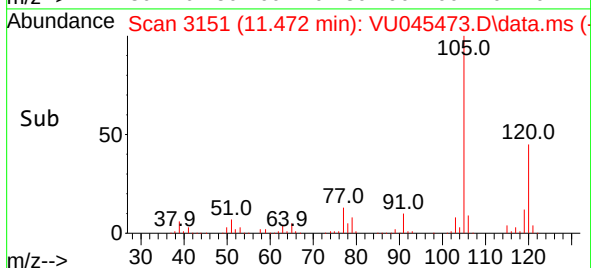
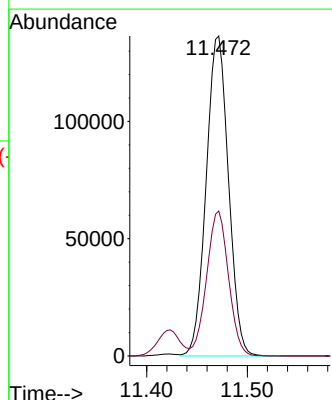
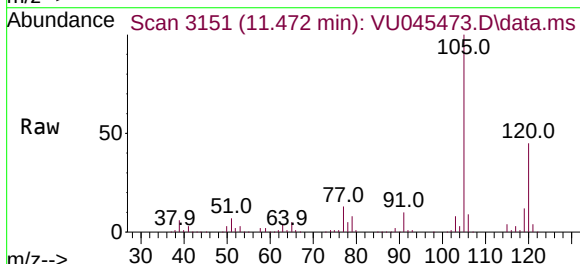
Instrument :
MSVOA_U
ClientSampleId :

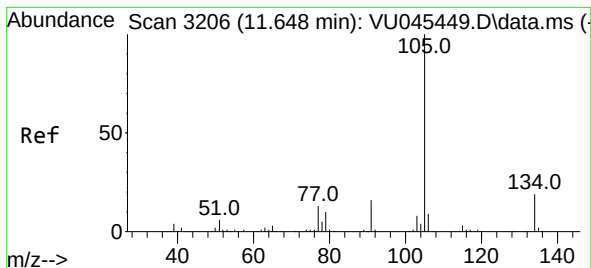
Tgt Ion:119 Resp: 196712
Ion Ratio Lower Upper
119 100
91 60.6 30.5 91.5
134 23.1 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 21.968 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:105 Resp: 210160
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.743 ug/l

RT: 11.645 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

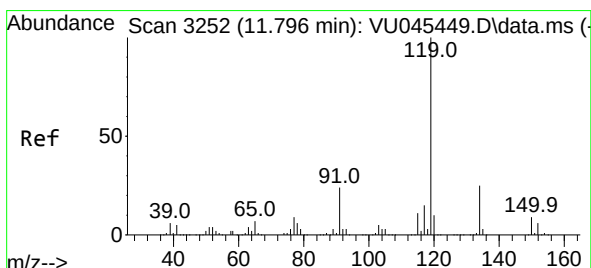
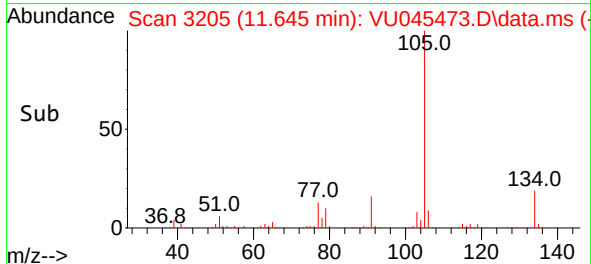
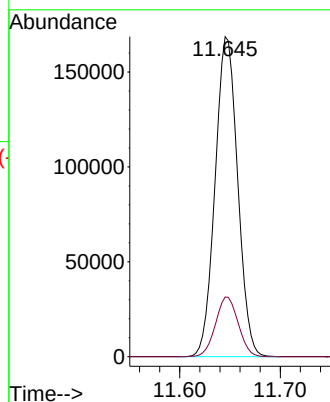
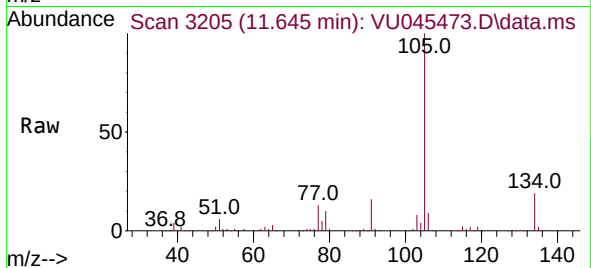
ClientSampleId :

Tgt Ion:105 Resp: 262961

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.3



#86

p-Isopropyltoluene

Concen: 20.170 ug/l

RT: 11.796 min Scan# 3252

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

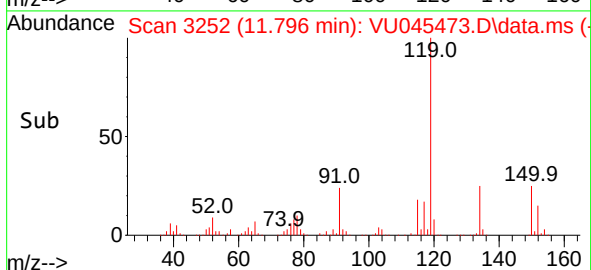
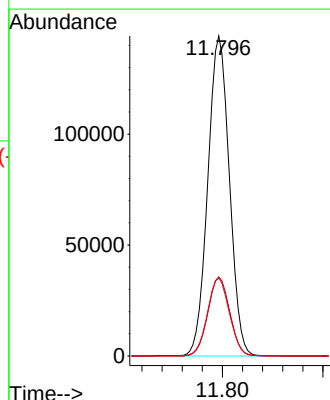
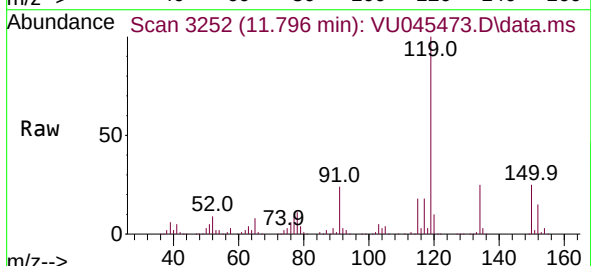
Tgt Ion:119 Resp: 214893

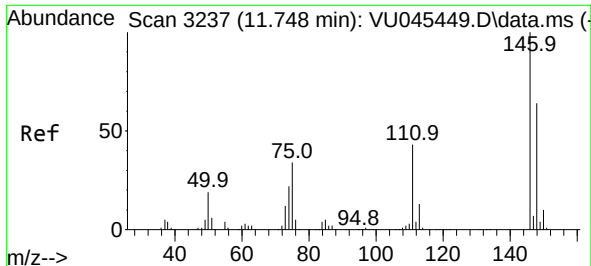
Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.913 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

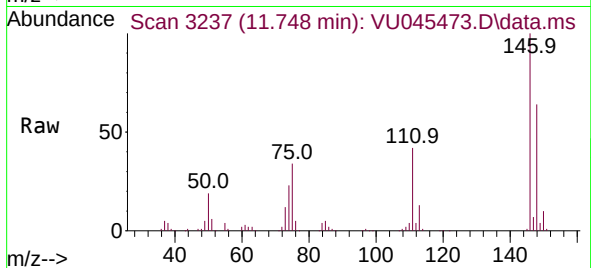
Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :



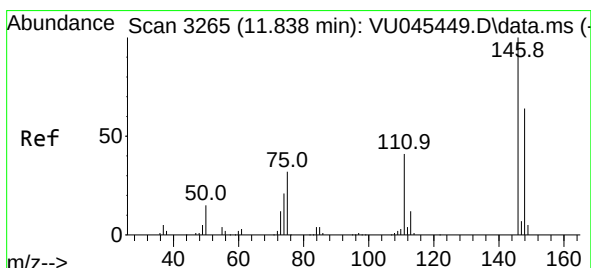
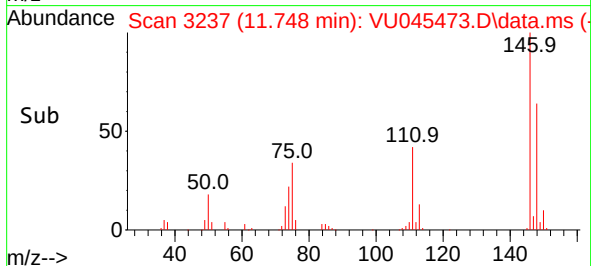
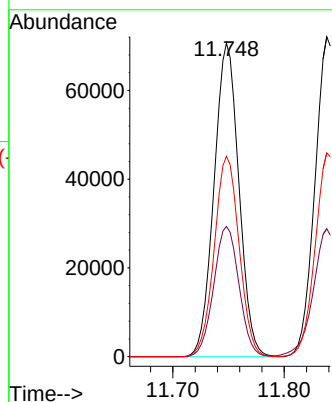
Tgt Ion:146 Resp: 109290

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.767 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

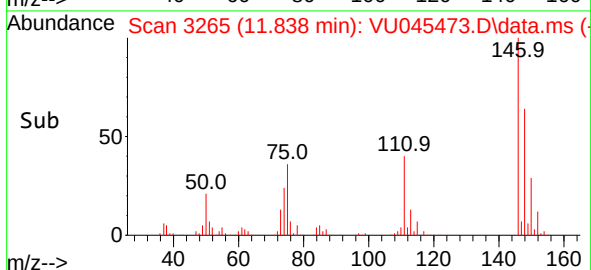
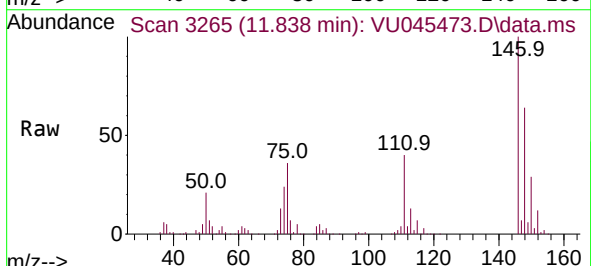
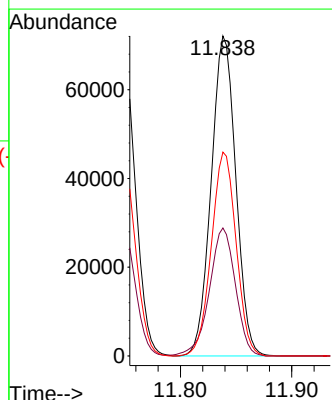
Tgt Ion:146 Resp: 110981

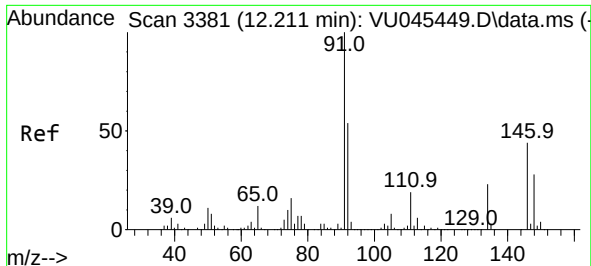
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.9

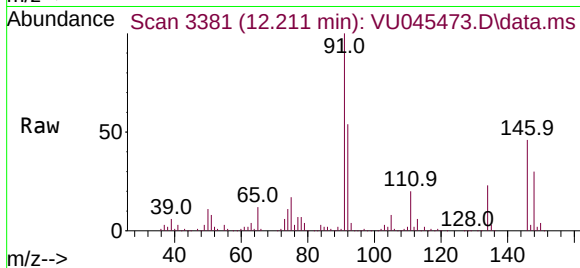
148 63.9 31.9 95.7



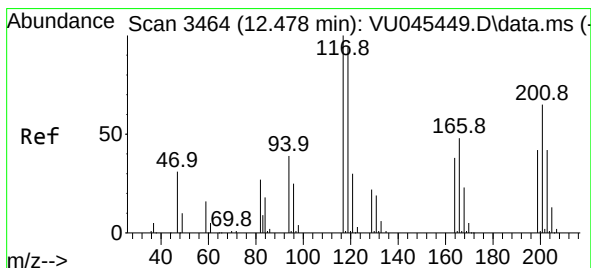
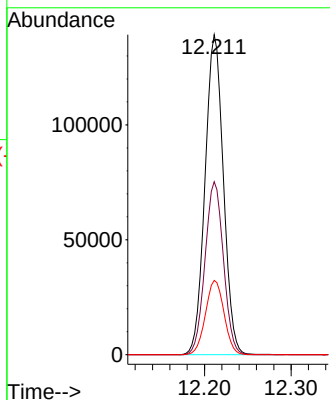
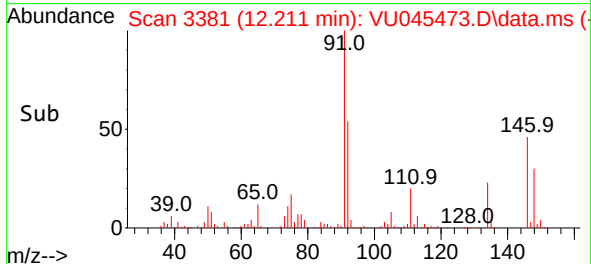


#89
n-Butylbenzene
Concen: 20.122 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :

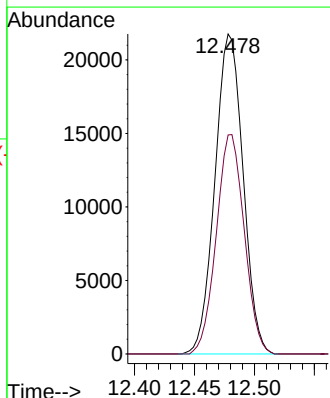
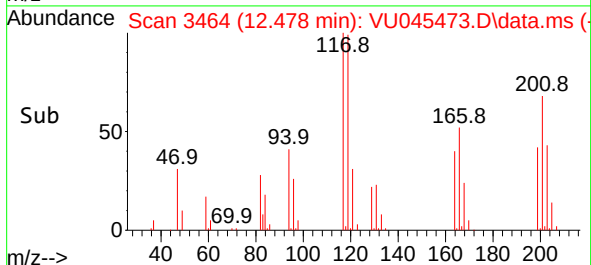
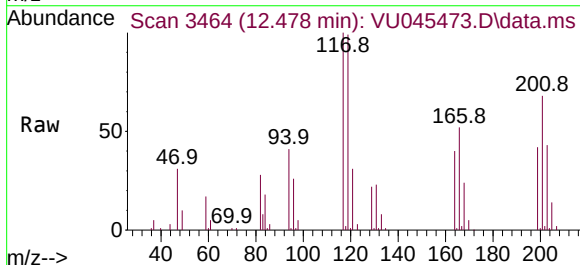


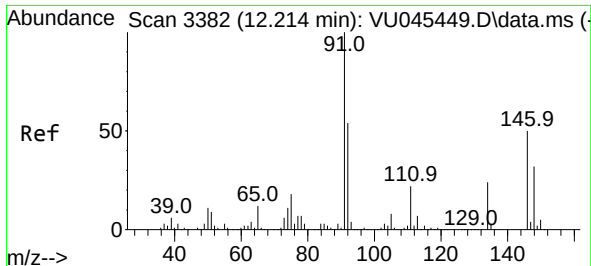
Tgt Ion: 91 Resp: 205021
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 20.570 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

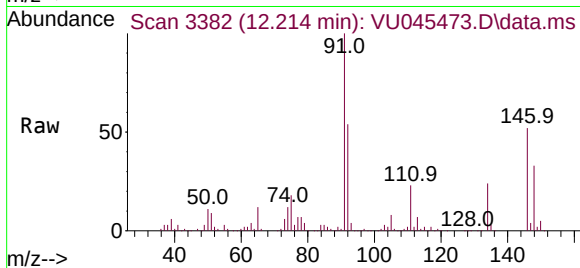
Tgt Ion: 117 Resp: 35508
Ion Ratio Lower Upper
117 100
201 68.1 33.8 101.4



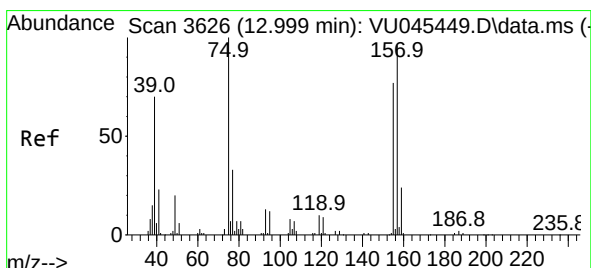
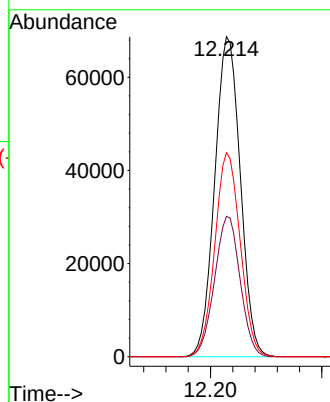
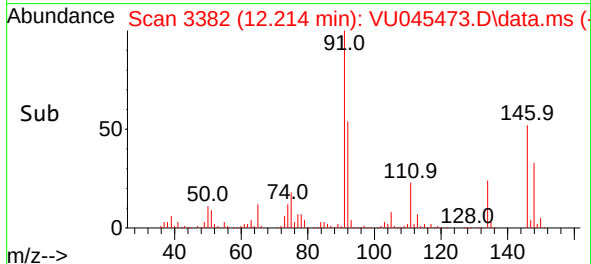


#91
1,2-Dichlorobenzene
Concen: 20.987 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

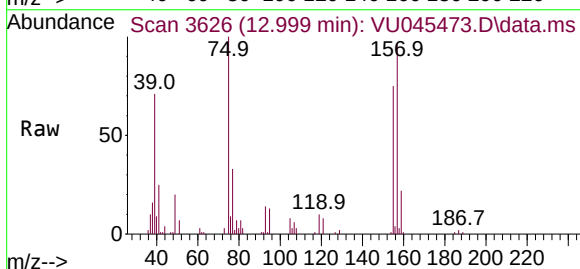
Instrument :
MSVOA_U
ClientSampleId :



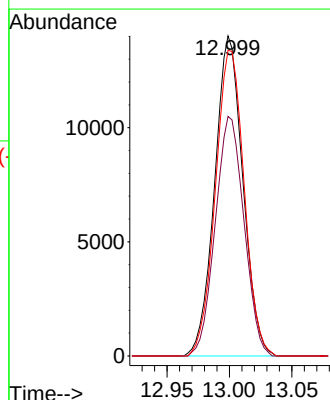
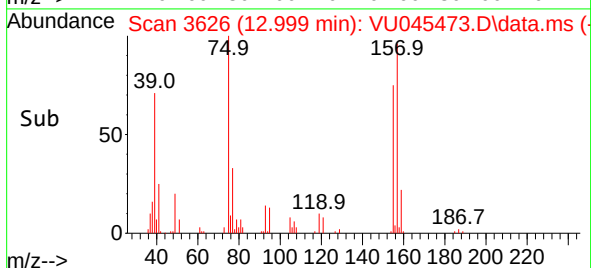
Tgt Ion:146 Resp: 109694
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 63.4 32.1 96.3

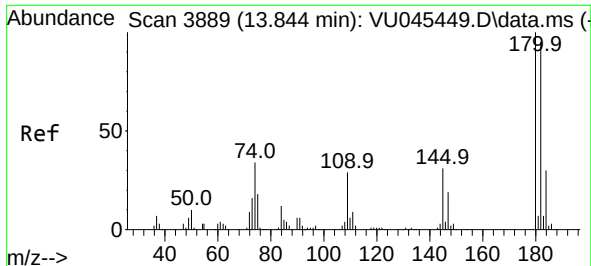


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.396 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49



Tgt Ion: 75 Resp: 22061
Ion Ratio Lower Upper
75 100
155 76.2 37.8 113.3
157 97.2 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 20.634 ug/l

RT: 13.841 min Scan# 3889

Delta R.T. -0.003 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

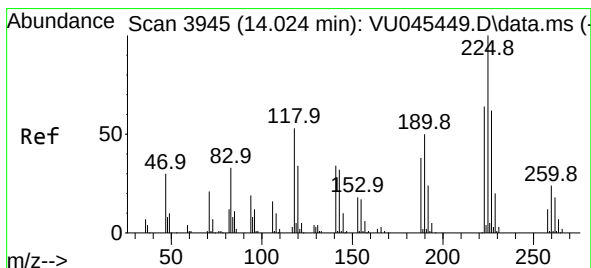
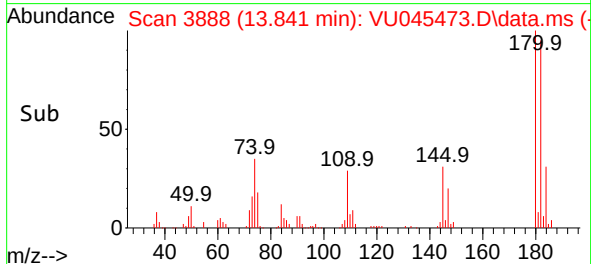
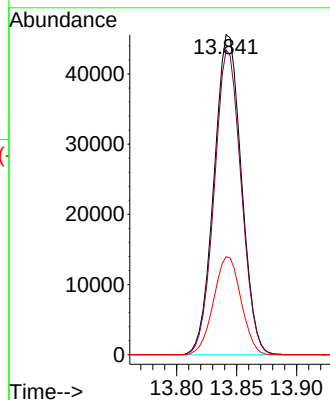
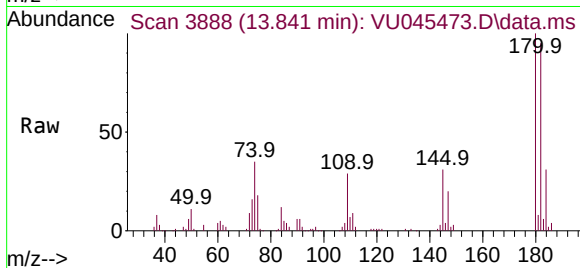
Tgt Ion:180 Resp: 72227

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 30.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 20.030 ug/l

RT: 14.025 min Scan# 3945

Delta R.T. 0.000 min

Lab File: VU045473.D

Acq: 29 Oct 2021 18:49

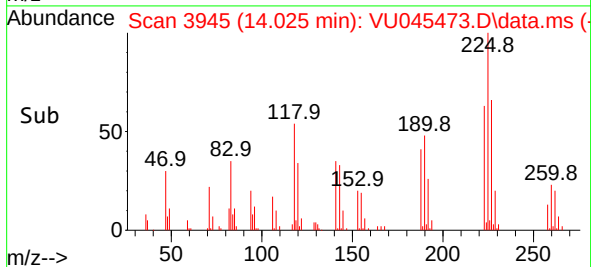
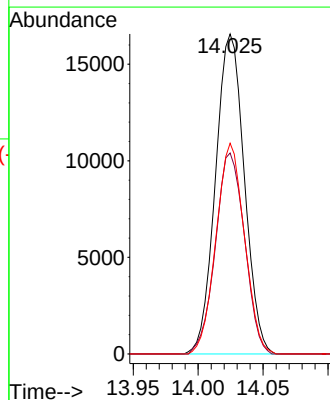
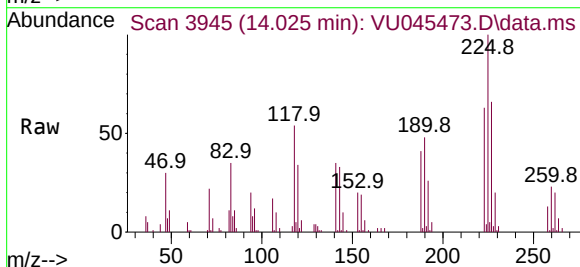
Tgt Ion:225 Resp: 25528

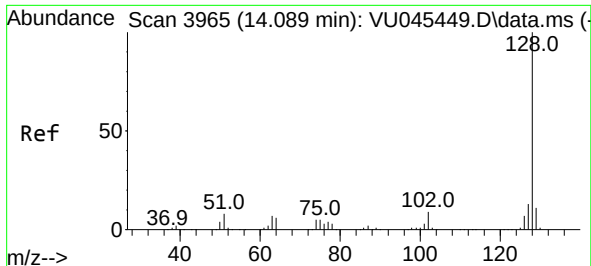
Ion Ratio Lower Upper

225 100

223 63.4 32.0 96.2

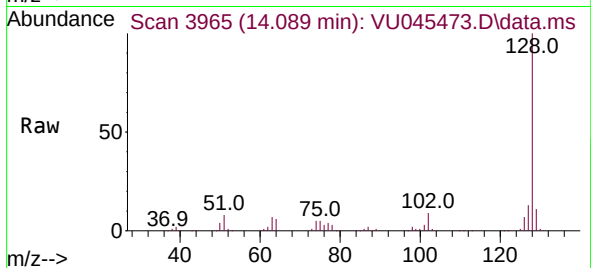
227 64.8 31.1 93.5



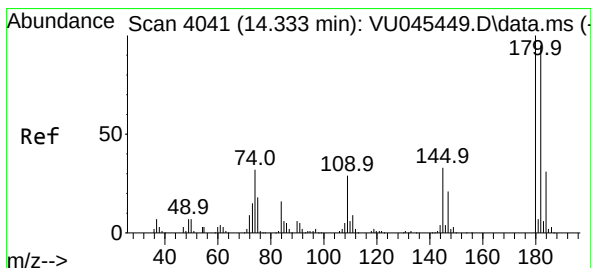
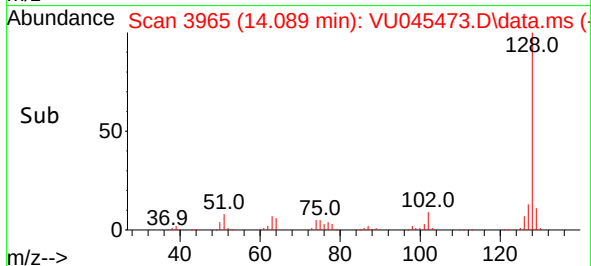
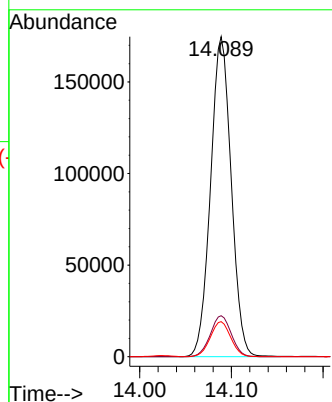


#95
Naphthalene
Concen: 19.771 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 272768
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.040 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045473.D
Acq: 29 Oct 2021 18:49

Tgt Ion:180 Resp: 74236
Ion Ratio Lower Upper
180 100
182 94.5 47.7 143.1
145 33.3 16.7 50.0

