

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045466.D
 Acq On : 29 Oct 2021 16:07
 Operator : SY/MD
 Sample : VU1029WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

Quant Time: Oct 30 04:07:15 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	5.378	168	196022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	365796	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	351211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	170733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	167265	52.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.820%	
35) Dibromofluoromethane	5.295	113	121176	52.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	7.903	98	482642	52.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	10.636	95	182887	52.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	56769	19.998	ug/l	100
3) Chloromethane	1.520	50	77455	19.857	ug/l	99
4) Vinyl Chloride	1.604	62	67496	20.844	ug/l	98
5) Bromomethane	1.861	94	43927	22.346	ug/l	99
6) Chloroethane	1.935	64	41903	21.478	ug/l	99
7) Trichlorofluoromethane	2.141	101	76115	20.995	ug/l	98
8) Diethyl Ether	2.379	74	34762	20.681	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	45811	21.032	ug/l	99
10) Methyl Iodide	2.726	142	25143	19.079	ug/l	99
11) Tert butyl alcohol	3.218	59	73761	107.078	ug/l	100
12) 1,1-Dichloroethene	2.584	96	46456	20.744	ug/l	97
13) Acrolein	2.494	56	14643	94.977	ug/l	100
14) Allyl chloride	2.928	41	85208	20.720	ug/l	100
15) Acrylonitrile	3.321	53	175014	104.792	ug/l	100
16) Acetone	2.642	43	167454	115.581	ug/l	100
17) Carbon Disulfide	2.797	76	132745	20.368	ug/l	99
18) Methyl Acetate	2.954	43	112087	20.776	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	172399	20.923	ug/l	100
20) Methylene Chloride	3.051	84	57138	19.792	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	50895	21.089	ug/l	94
22) Diisopropyl ether	3.996	45	171465	21.322	ug/l	97
23) Vinyl Acetate	3.961	43	659920	105.793	ug/l	100
24) 1,1-Dichloroethane	3.874	63	98304	20.861	ug/l	99
25) 2-Butanone	4.713	43	241942	110.619	ug/l	99
26) 2,2-Dichloropropane	4.668	77	77426	21.209	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	57832	20.825	ug/l	99
28) Bromochloromethane	4.980	49	52312	22.506	ug/l	98
29) Tetrahydrofuran	5.057	42	151518	106.823	ug/l	100
30) Chloroform	5.092	83	95074	20.808	ug/l	98
31) Cyclohexane	5.391	56	97719	20.567	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	78480	20.928	ug/l	99
36) 1,1-Dichloropropene	5.530	75	71665	20.581	ug/l	99
37) Ethyl Acetate	4.806	43	86525	20.518	ug/l	100
38) Carbon Tetrachloride	5.530	117	62262	20.502	ug/l	98
39) Methylcyclohexane	6.768	83	89538	20.678	ug/l	99
40) Benzene	5.777	78	217424	20.743	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	47505	21.286	ug/l	99
42) 1,2-Dichloroethane	5.800	62	79449	20.638	ug/l	100
43) Isopropyl Acetate	5.915	43	130912	20.599	ug/l	100
44) Trichloroethene	6.546	130	50530	20.799	ug/l	100
45) 1,2-Dichloropropane	6.793	63	57469	20.833	ug/l	98
46) Dibromomethane	6.922	93	37879	21.089	ug/l	99
47) Bromodichloromethane	7.108	83	72789	20.592	ug/l	98
48) Methyl methacrylate	6.964	41	61194	20.315	ug/l	99
49) 1,4-Dioxane	7.015	88	32286	421.734	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	430600	104.829	ug/l	100
52) Toluene	7.973	92	133193	20.904	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	82454	20.465	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	90248	20.916	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	54319	20.870	ug/l	100
56) Ethyl methacrylate	8.337	69	86783	19.265	ug/l	99
57) 1,3-Dichloropropane	8.578	76	95334	20.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	238396	99.929	ug/l	100
59) 2-Hexanone	8.687	43	337157	105.939	ug/l	99
60) Dibromochloromethane	8.812	129	50376	20.168	ug/l	100
61) 1,2-Dibromoethane	8.925	107	56415	20.694	ug/l	99
64) Tetrachloroethene	8.555	164	40530	20.188	ug/l	98
65) Chlorobenzene	9.449	112	133970	20.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	44614	19.858	ug/l	100
67) Ethyl Benzene	9.571	91	245872	20.157	ug/l	100
68) m/p-Xylenes	9.697	106	188821	41.009	ug/l	100
69) o-Xylene	10.102	106	91886	20.466	ug/l	99
70) Styrene	10.118	104	154829	19.263	ug/l	99
71) Bromoform	10.295	173	35739	18.874	ug/l #	99
73) Isopropylbenzene	10.488	105	238527	20.719	ug/l	99
74) N-amyl acetate	10.320	43	106058	18.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	92886	20.329	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	105858	23.271	ug/l	93
77) Bromobenzene	10.783	156	55246	20.567	ug/l	98
78) n-propylbenzene	10.909	91	294443	21.096	ug/l	99
79) 2-Chlorotoluene	10.989	91	176045	20.955	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	204611	21.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	28390	19.211	ug/l	97
82) 4-Chlorotoluene	11.099	91	203007	21.250	ug/l	100
83) tert-Butylbenzene	11.423	119	192584	20.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	203490	20.965	ug/l	100
85) sec-Butylbenzene	11.645	105	255738	20.841	ug/l	100
86) p-Isopropyltoluene	11.796	119	207770	19.229	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	106415	20.070	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	106727	19.684	ug/l	98
89) n-Butylbenzene	12.211	91	197457	19.149	ug/l	100
90) Hexachloroethane	12.478	117	34050	19.441	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	106512	20.084	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22201	20.230	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	70013	19.714	ug/l	99
94) Hexachlorobutadiene	14.024	225	25387	19.633	ug/l	98
95) Naphthalene	14.089	128	262401	18.751	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	71369	19.937	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

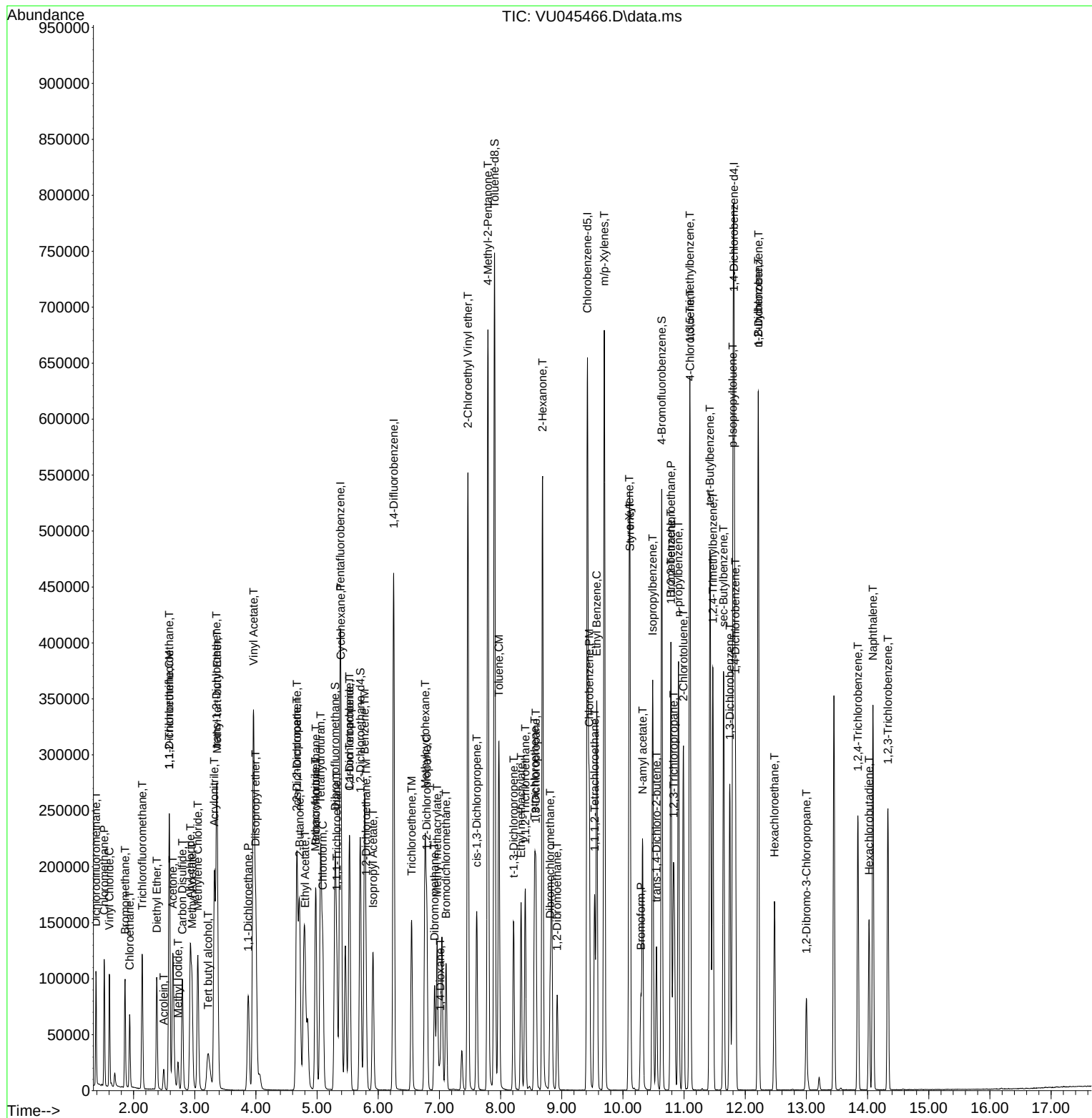
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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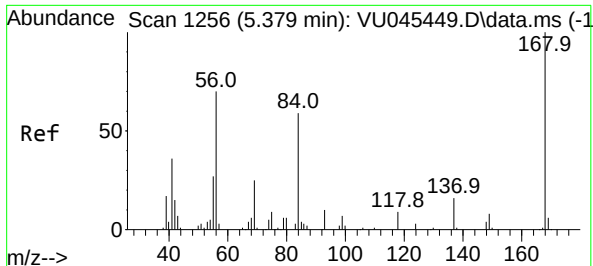
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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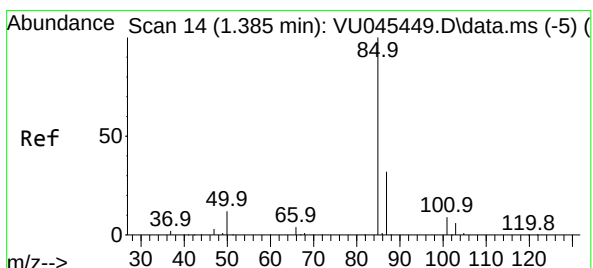
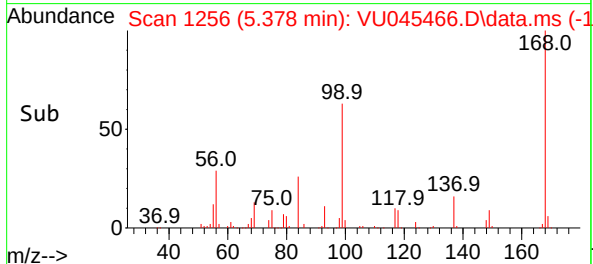
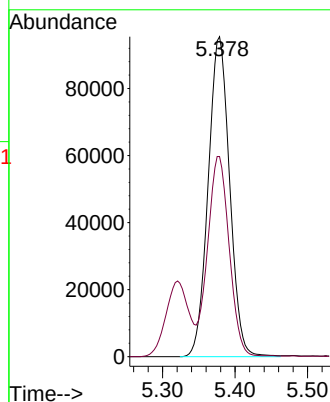
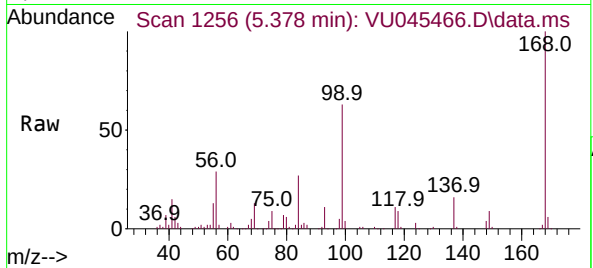




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045466.D
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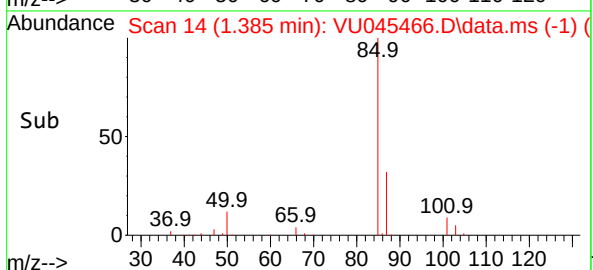
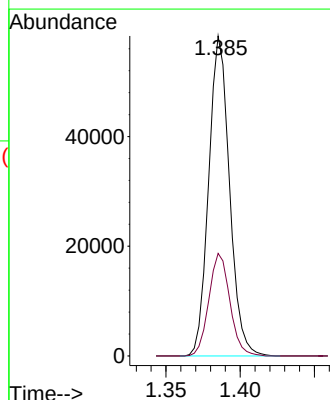
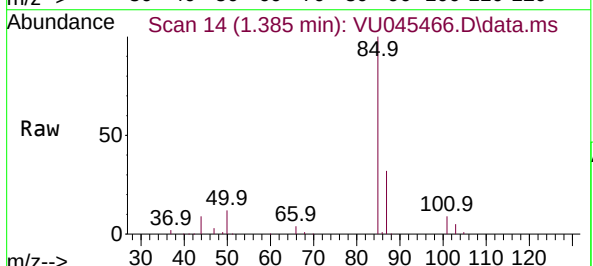
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

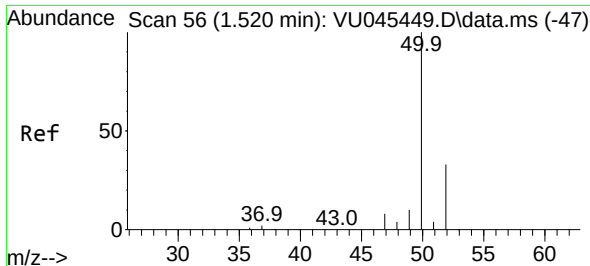
Tgt Ion:168 Resp: 196022
Ion Ratio Lower Upper
168 100
99 62.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 19.998 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 85 Resp: 56769
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.7

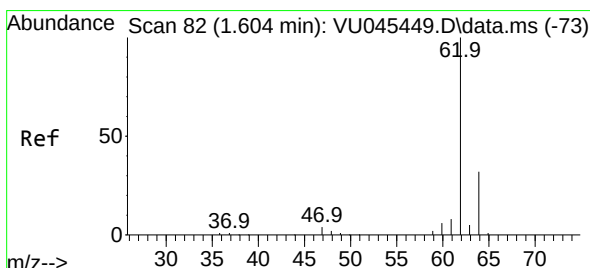
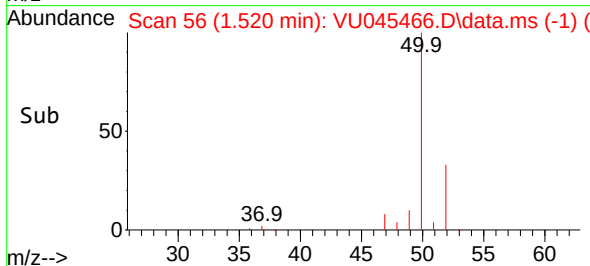
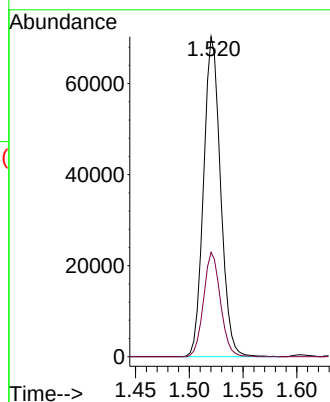
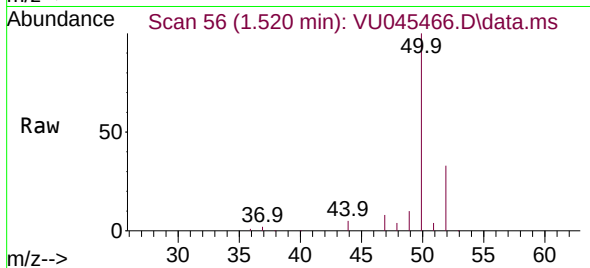




#3
Chloromethane
Concen: 19.857 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

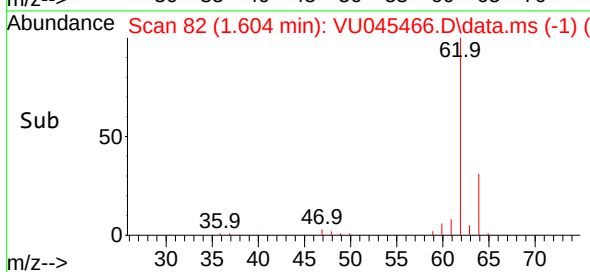
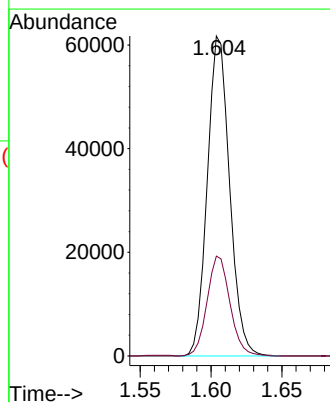
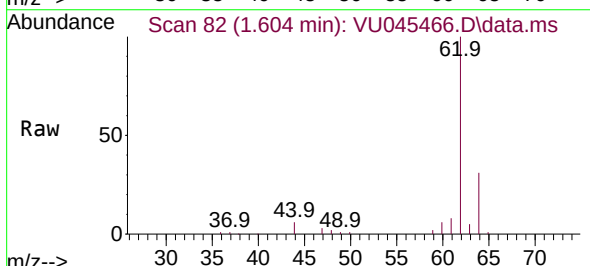
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

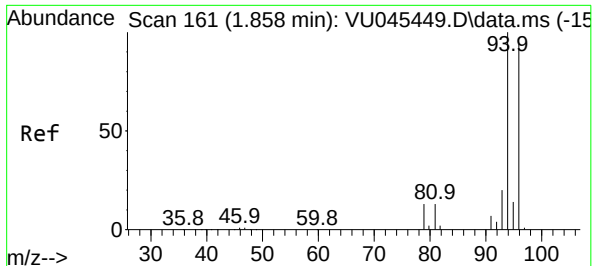
Tgt Ion: 50 Resp: 77455
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 20.844 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 62 Resp: 67496
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6

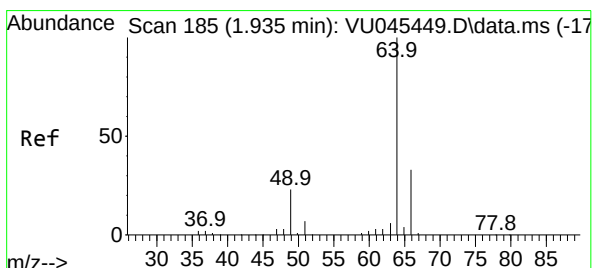
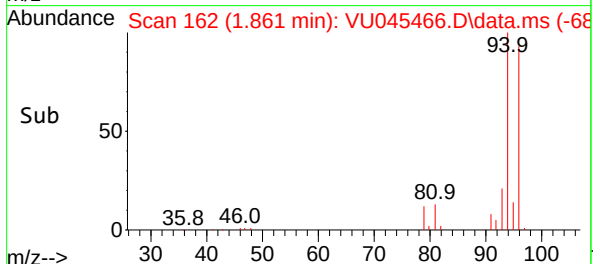
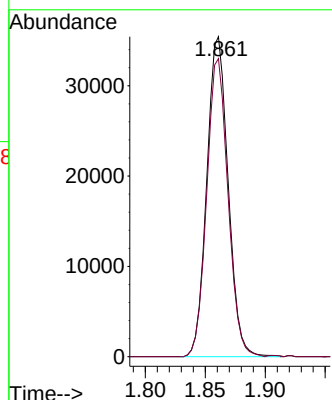
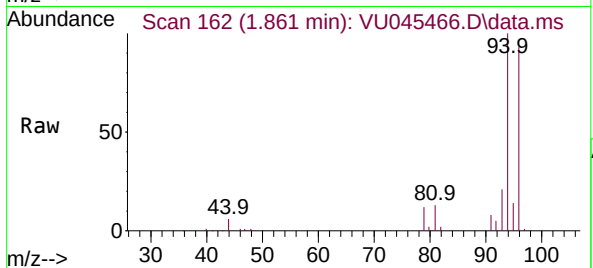




#5
Bromomethane
Concen: 22.346 ug/l
RT: 1.861 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

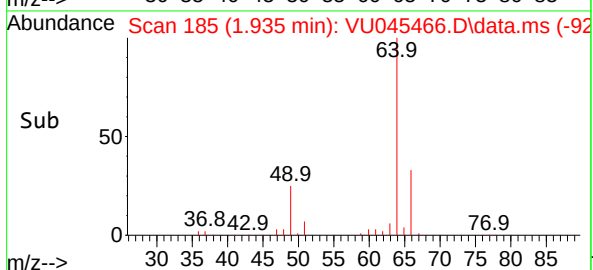
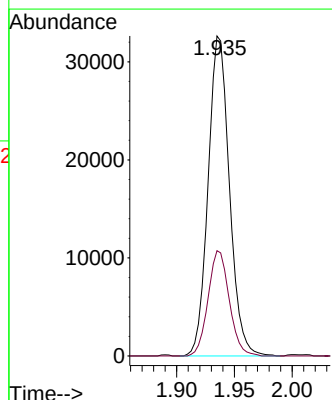
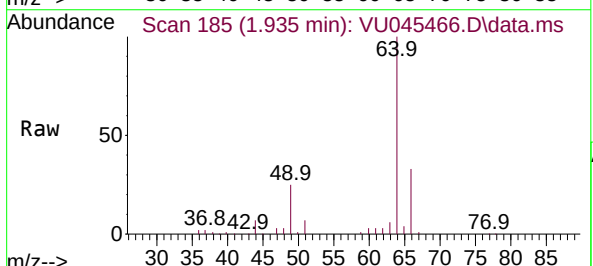
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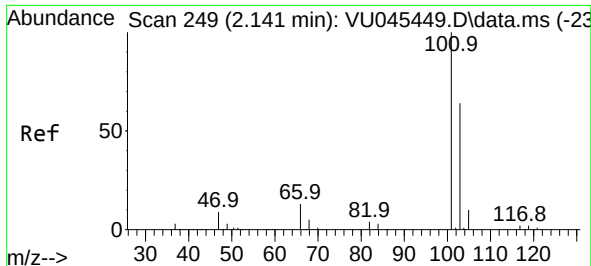
Tgt Ion: 94 Resp: 43927
Ion Ratio Lower Upper
94 100
96 93.1 75.4 113.2



#6
Chloroethane
Concen: 21.478 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 64 Resp: 41903
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1

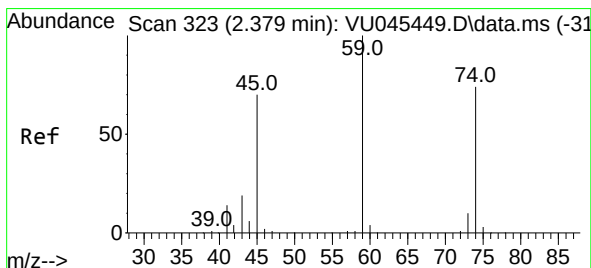
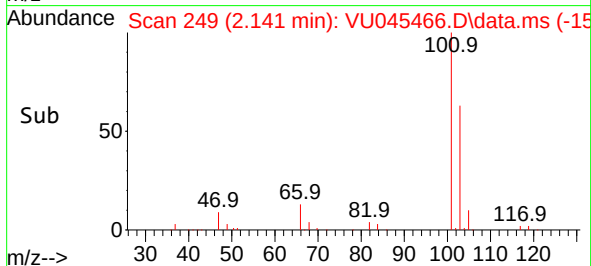
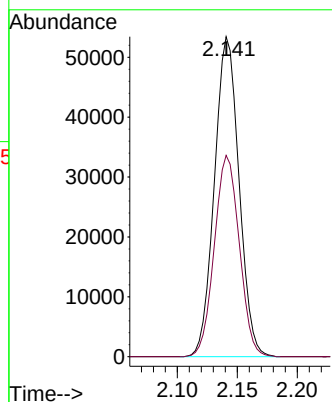
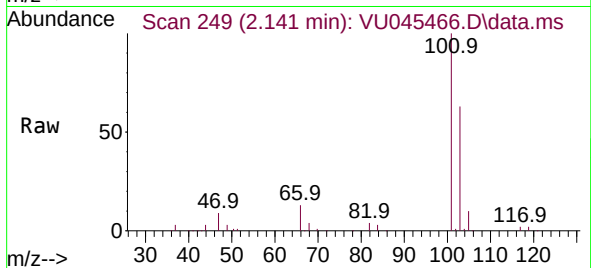




#7
 Trichlorofluoromethane
 Concen: 20.995 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

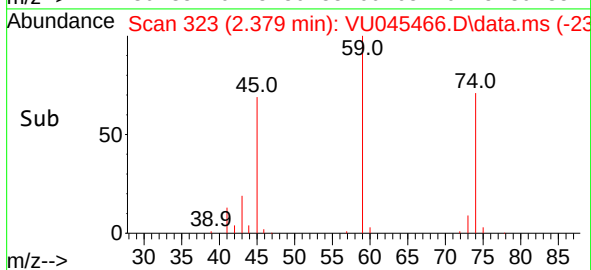
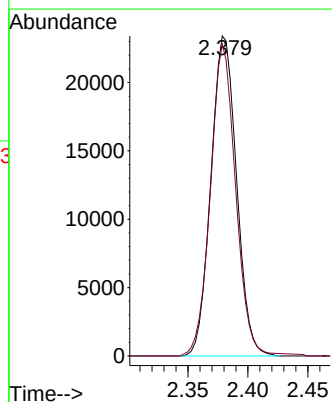
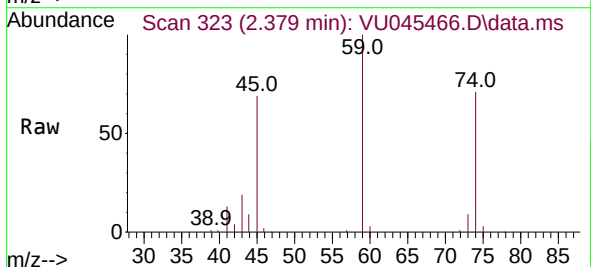
Instrument :
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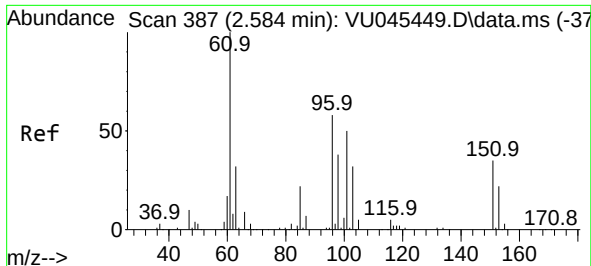
Tgt Ion:101 Resp: 76115
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.681 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045466.D
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Tgt Ion: 74 Resp: 34762
 Ion Ratio Lower Upper
 74 100
 45 96.0 47.3 141.8

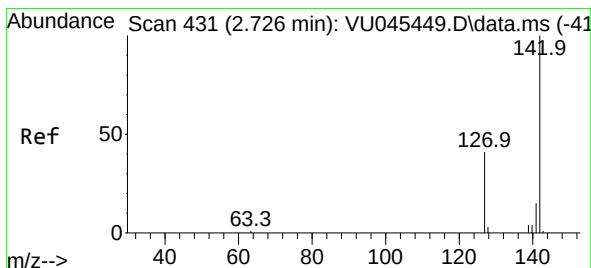
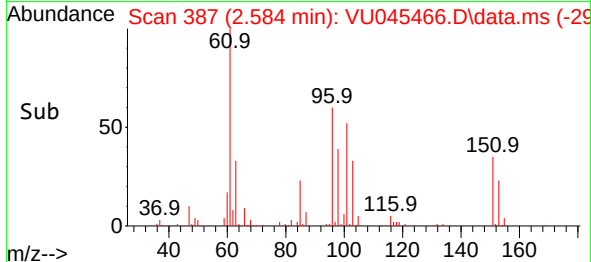
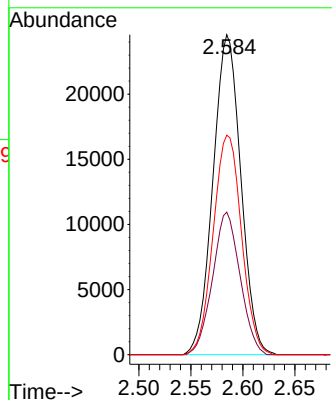
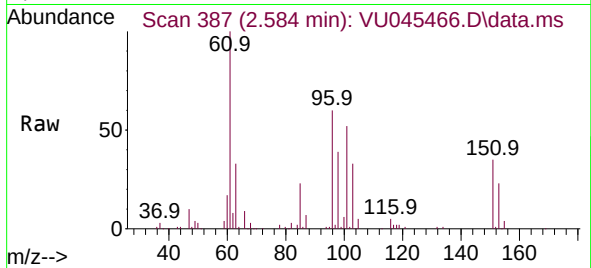




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.032 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

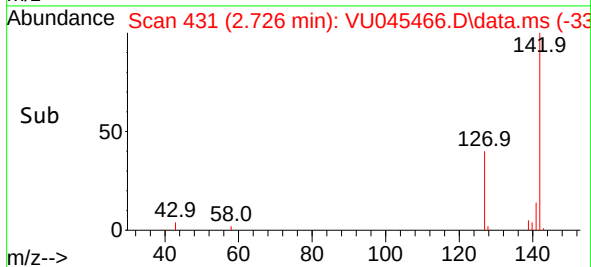
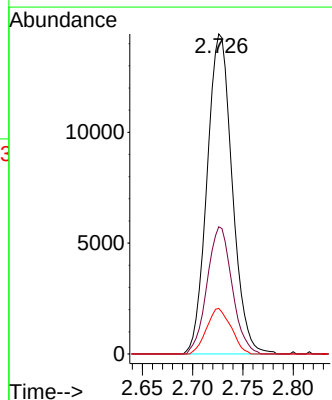
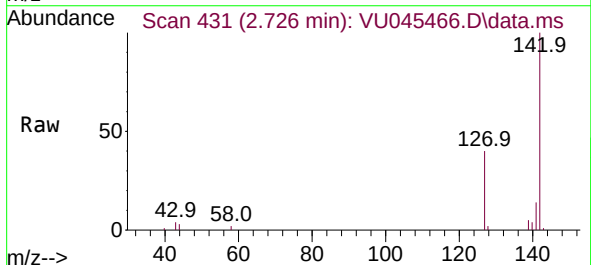
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

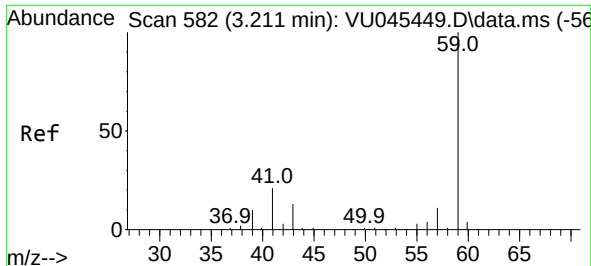
Tgt Ion:101 Resp: 45811
Ion Ratio Lower Upper
101 100
85 44.0 35.0 52.4
151 69.7 54.6 82.0



#10
Methyl Iodide
Concen: 19.079 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:142 Resp: 25143
Ion Ratio Lower Upper
142 100
127 39.5 32.2 48.2
141 13.8 11.3 16.9

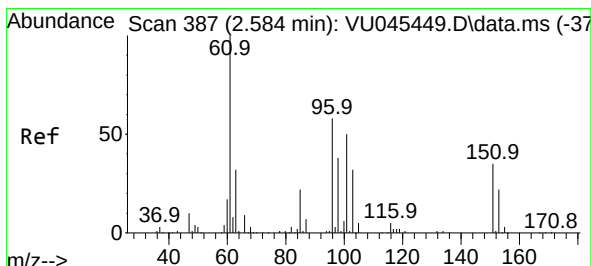
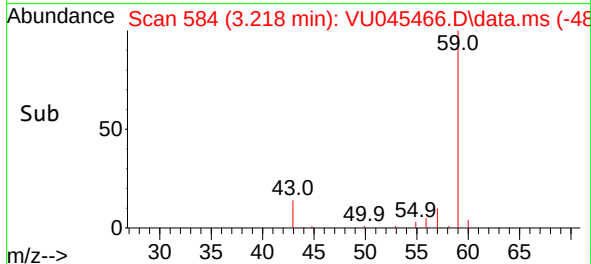
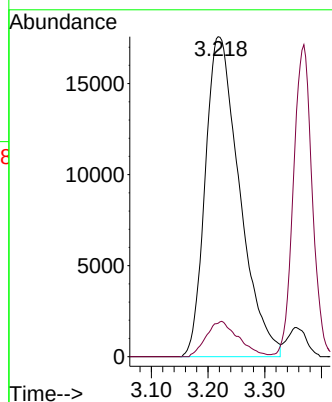
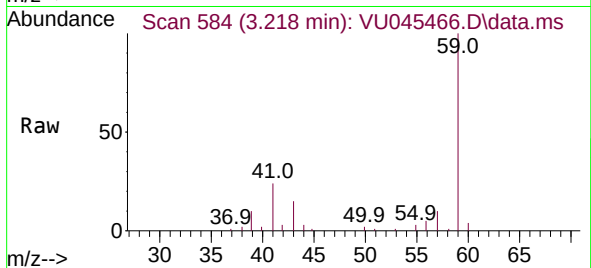




#11
Tert butyl alcohol
Concen: 107.078 ug/l
RT: 3.218 min Scan# 582
Delta R.T. 0.006 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

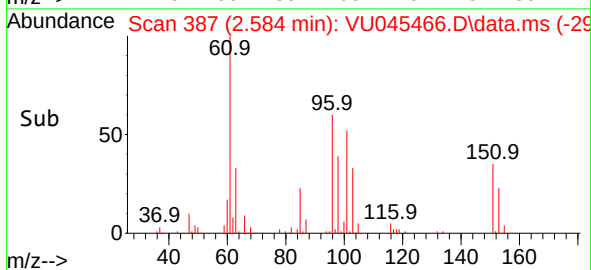
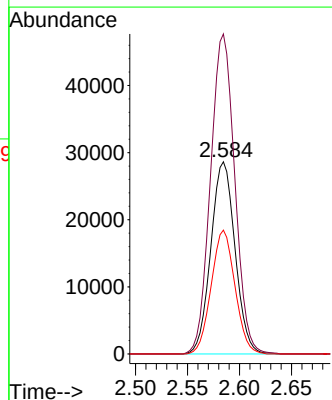
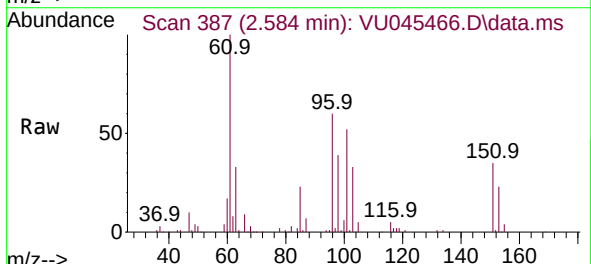
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

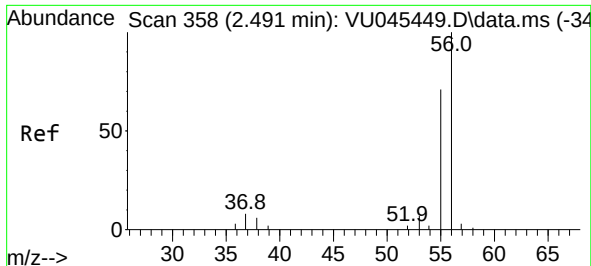
Tgt Ion: 59 Resp: 73761
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.744 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 96 Resp: 46456
Ion Ratio Lower Upper
96 100
61 166.6 137.1 205.7
98 64.5 51.5 77.3

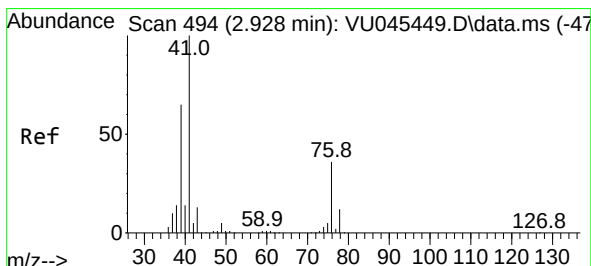
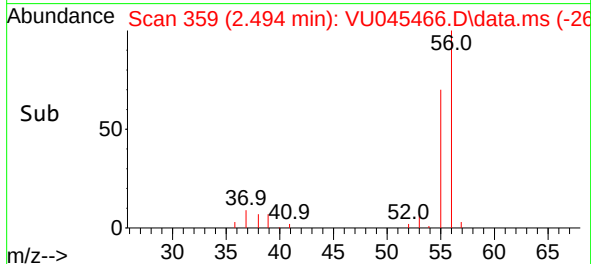
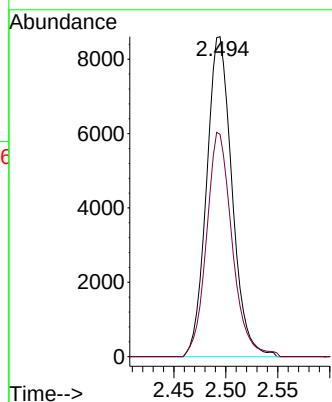
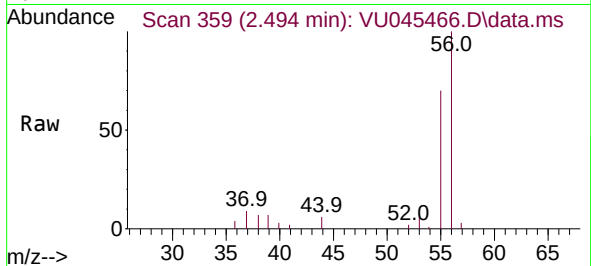




#13
Acrolein
Concen: 94.977 ug/l
RT: 2.494 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

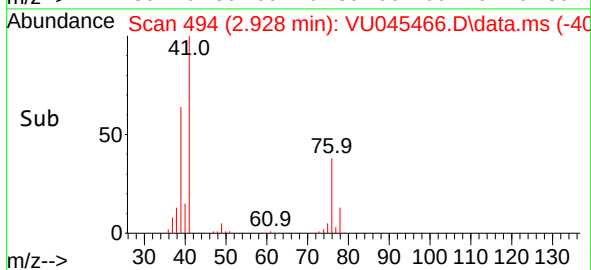
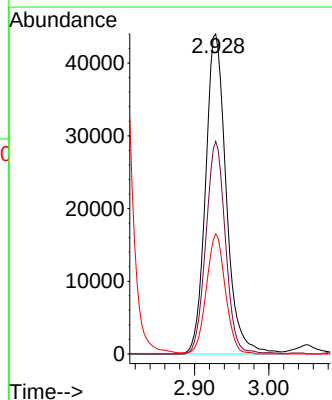
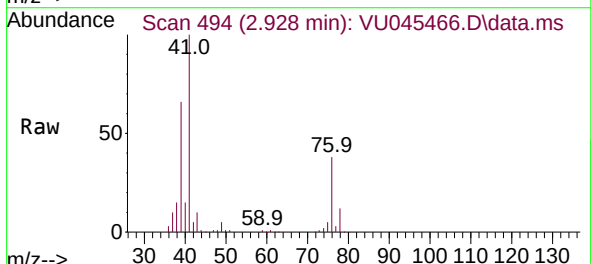
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

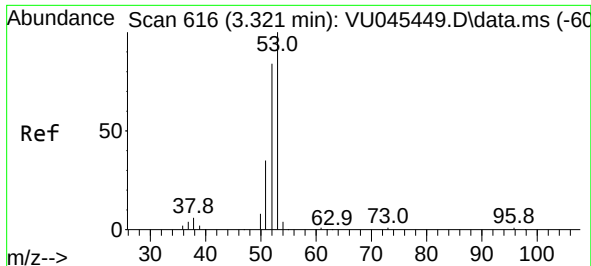
Tgt Ion: 56 Resp: 14643
Ion Ratio Lower Upper
56 100
55 70.7 56.3 84.5



#14
Allyl chloride
Concen: 20.720 ug/l
RT: 2.928 min Scan# 494
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 41 Resp: 85208
Ion Ratio Lower Upper
41 100
39 62.5 49.7 74.5
76 34.4 27.7 41.5

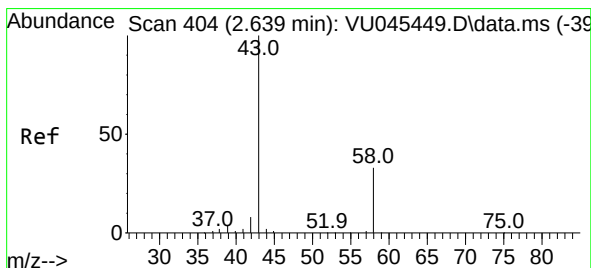
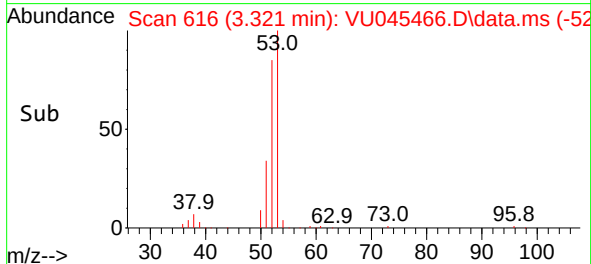
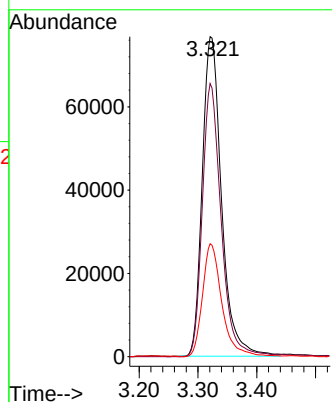
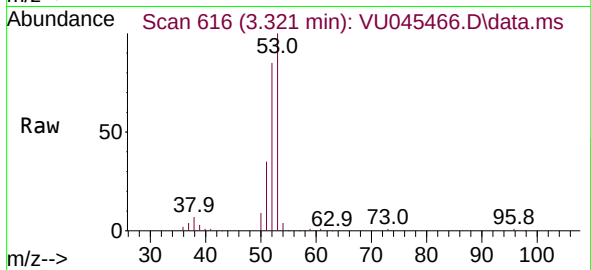




#15
Acrylonitrile
Concen: 104.792 ug/l
RT: 3.321 min Scan# 616
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

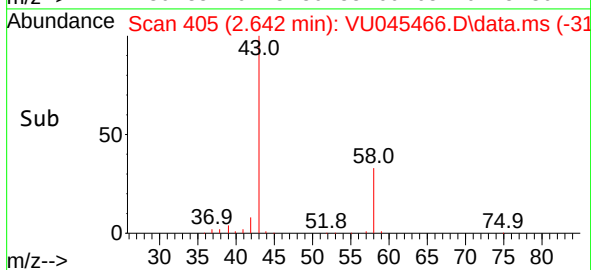
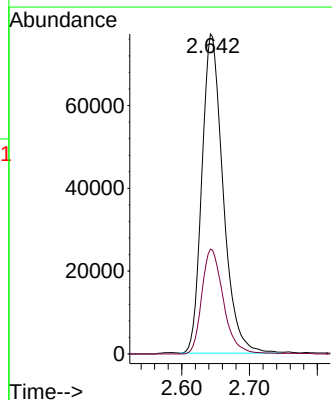
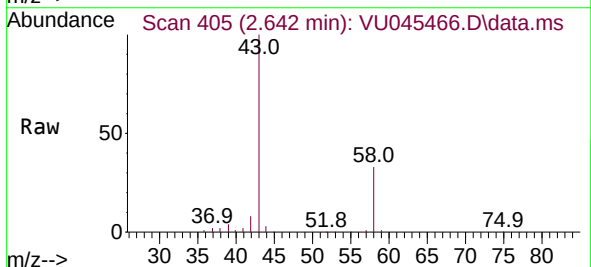
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

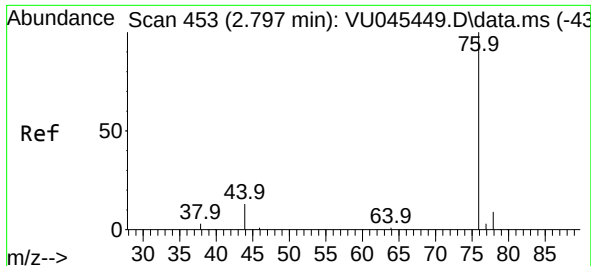
Tgt Ion: 53 Resp: 175014
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 35.6 28.4 42.6



#16
Acetone
Concen: 115.581 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 43 Resp: 167454
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.2

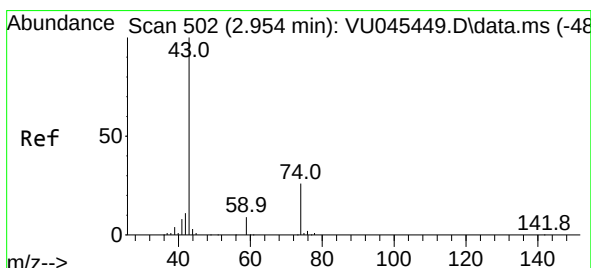
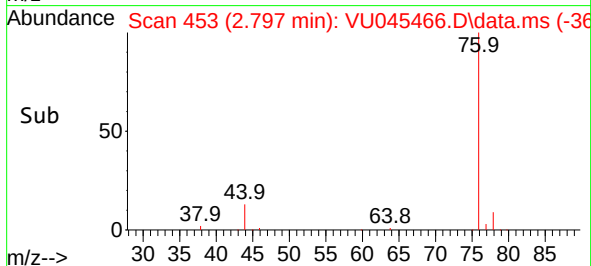
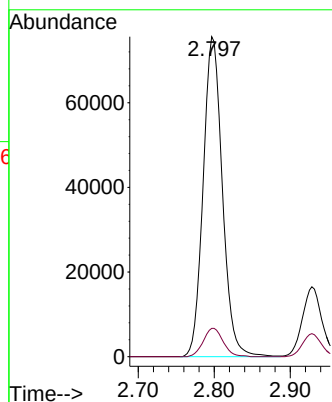
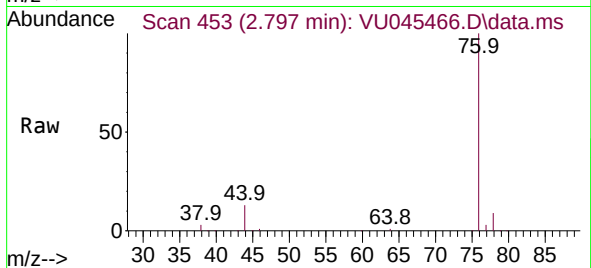




#17
Carbon Disulfide
Concen: 20.368 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

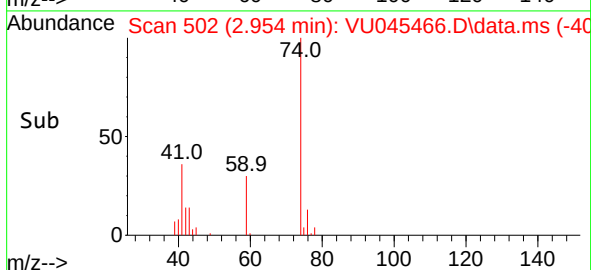
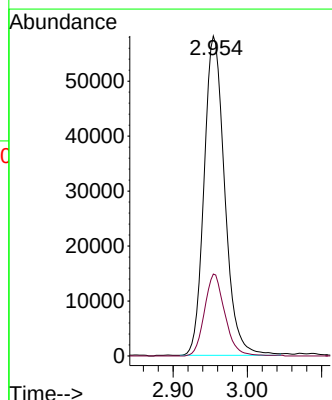
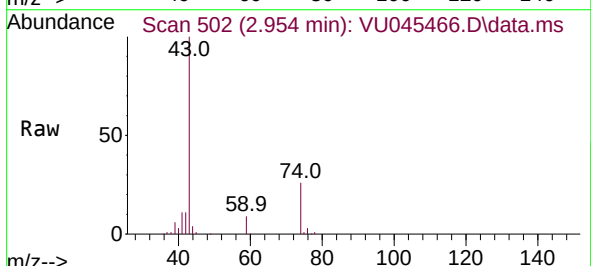
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

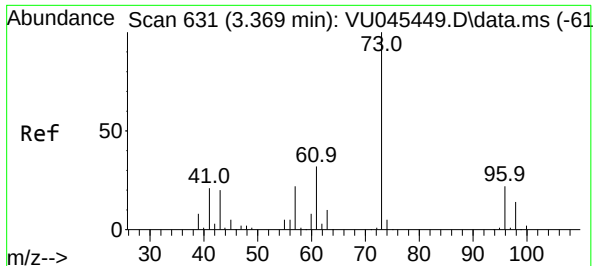
Tgt Ion: 76 Resp: 132745
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 20.776 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 43 Resp: 112087
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 20.923 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

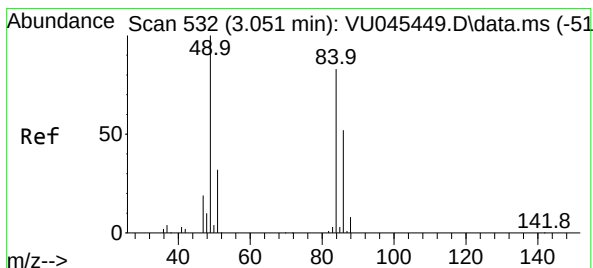
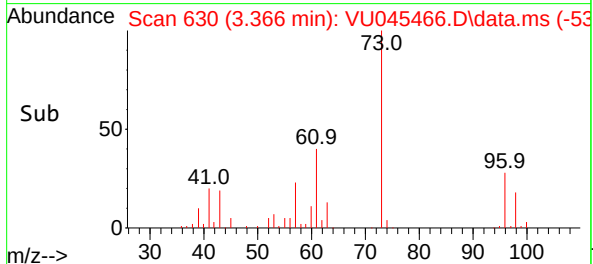
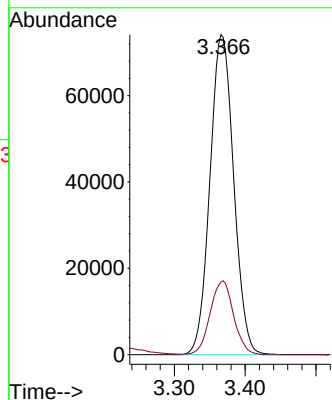
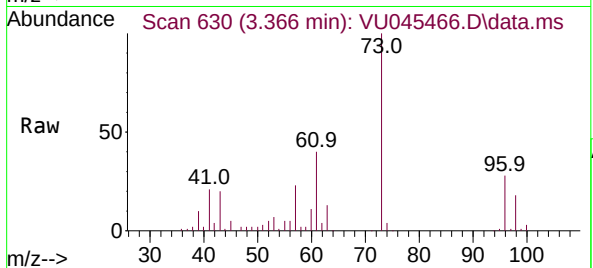
VU1029WBSD01

Tgt Ion: 73 Resp: 172399

Ion Ratio Lower Upper

73 100

57 22.7 18.1 27.1



#20

Methylene Chloride

Concen: 19.792 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Tgt Ion: 84 Resp: 57138

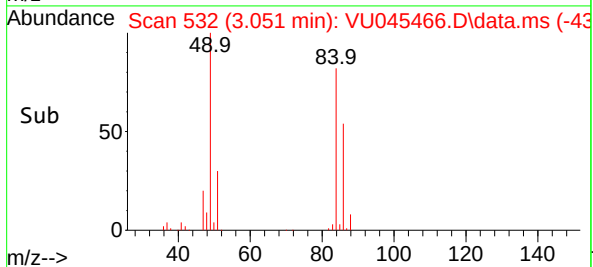
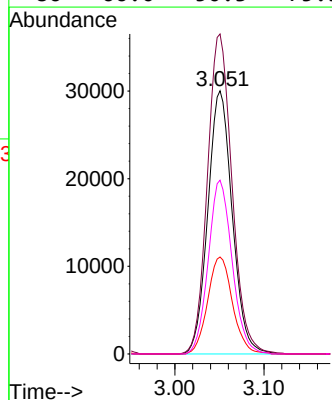
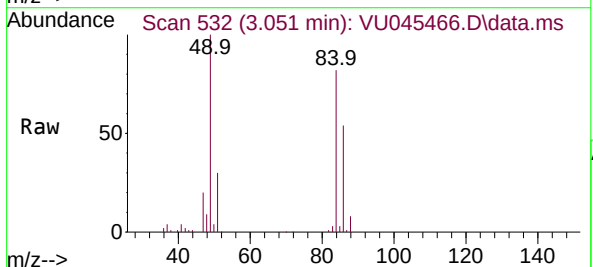
Ion Ratio Lower Upper

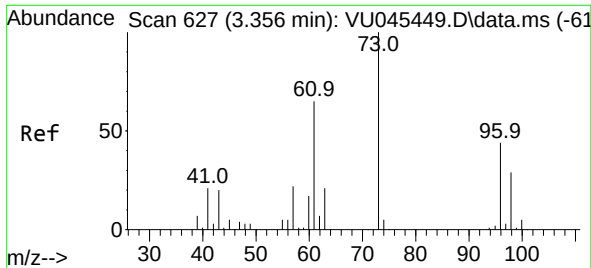
84 100

49 121.6 96.4 144.6

51 36.9 30.5 45.7

86 66.0 50.3 75.5

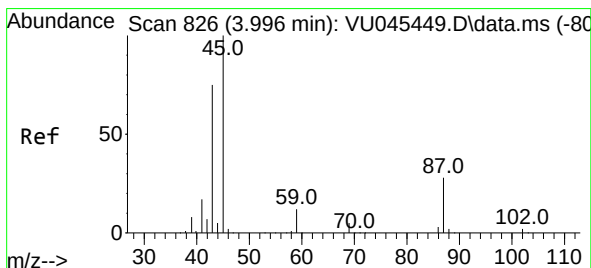
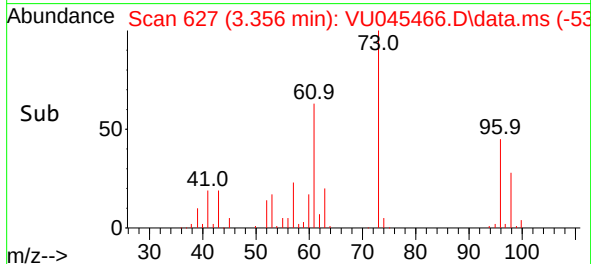
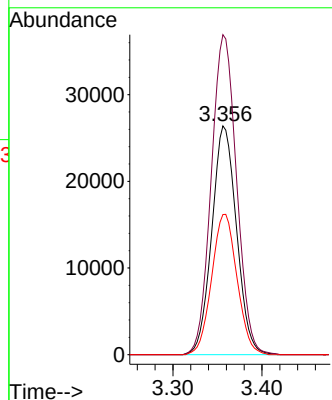
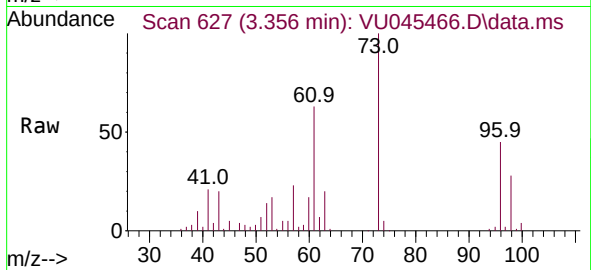




#21
trans-1,2-Dichloroethene
Concen: 21.089 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

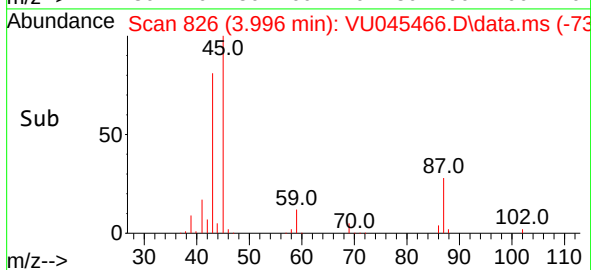
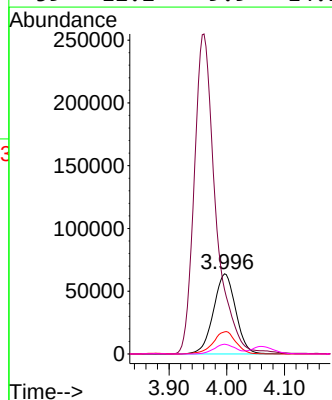
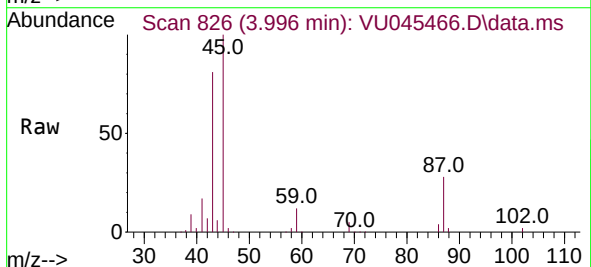
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

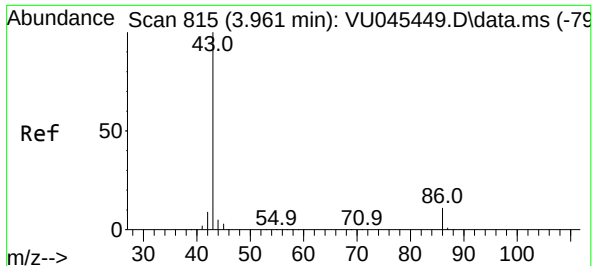
Tgt Ion: 96 Resp: 50895
Ion Ratio Lower Upper
96 100
61 139.9 118.2 177.4
98 61.3 52.1 78.1



#22
Diisopropyl ether
Concen: 21.322 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 45 Resp: 171465
Ion Ratio Lower Upper
45 100
43 78.9 60.0 90.0
87 27.6 22.3 33.5
59 12.2 9.9 14.9

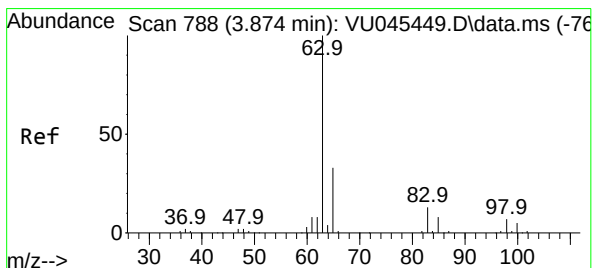
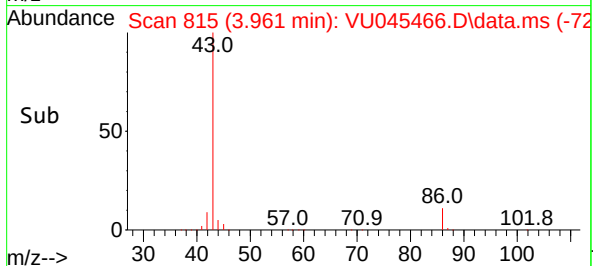
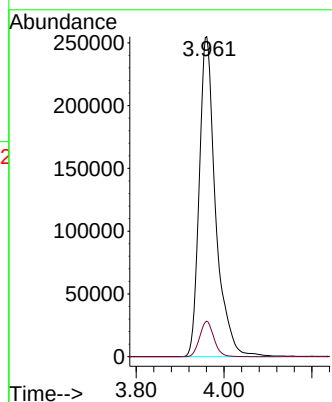
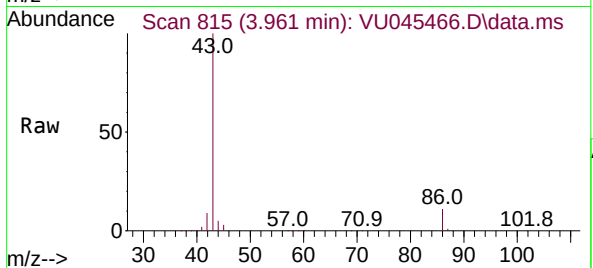




#23
 Vinyl Acetate
 Concen: 105.793 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

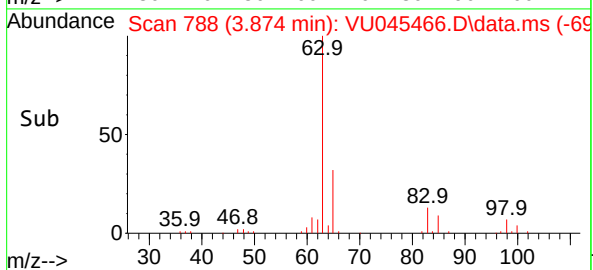
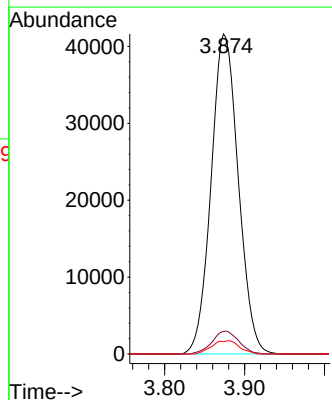
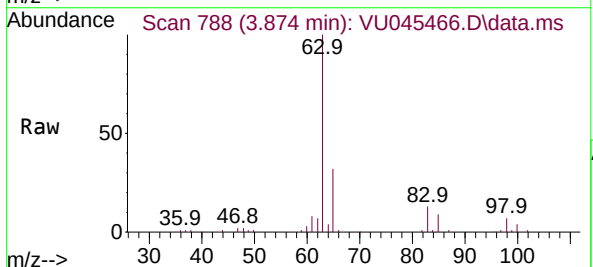
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

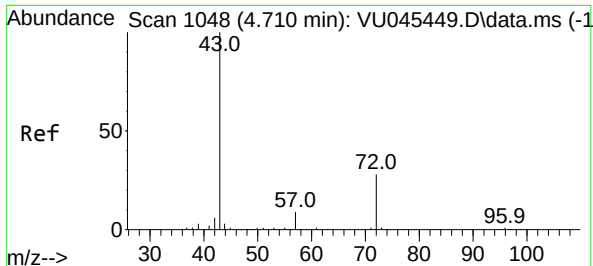
Tgt Ion: 43 Resp: 659920
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.861 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

Tgt Ion: 63 Resp: 98304
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 3.8 2.4 7.2





#25

2-Butanone

Concen: 110.619 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

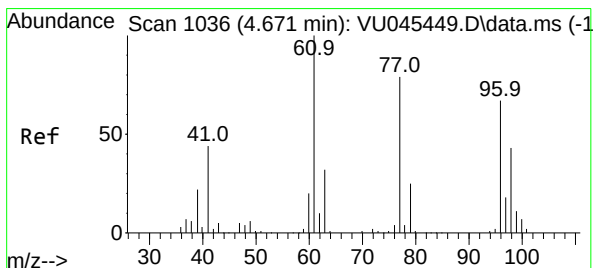
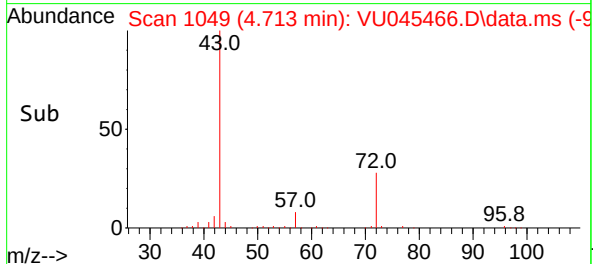
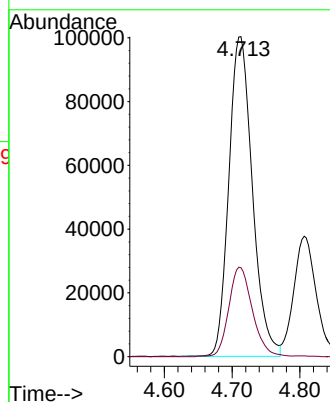
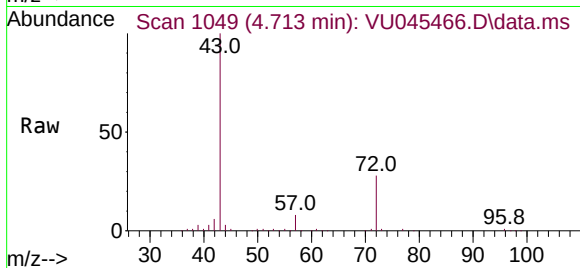
VU1029WBSD01

Tgt Ion: 43 Resp: 241942

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 21.209 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045466.D

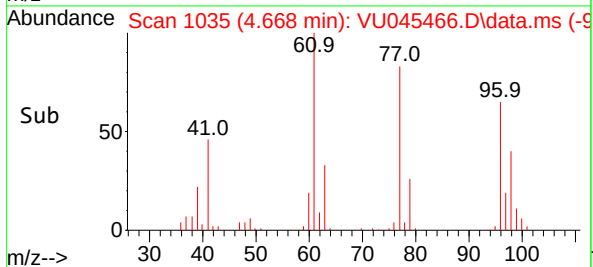
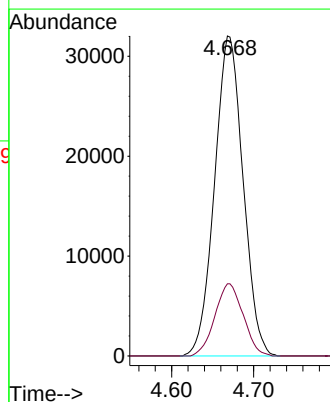
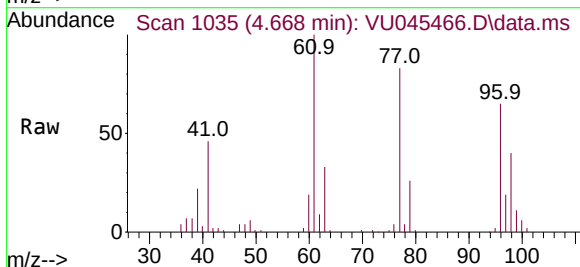
Acq: 29 Oct 2021 16:07

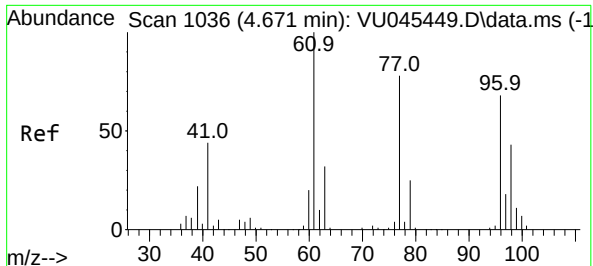
Tgt Ion: 77 Resp: 77426

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1

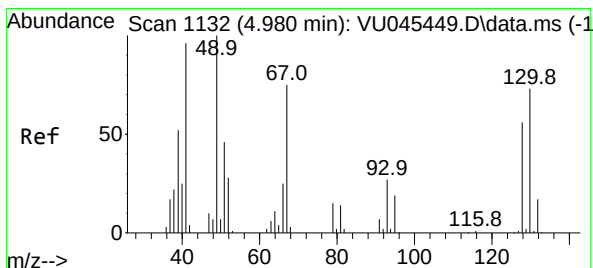
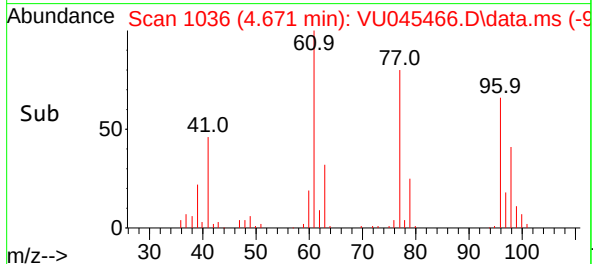
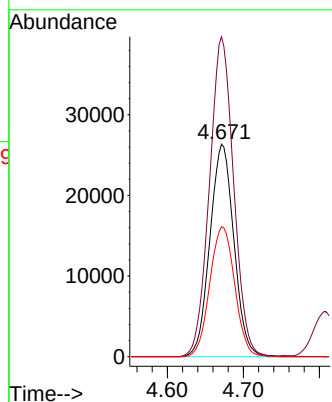
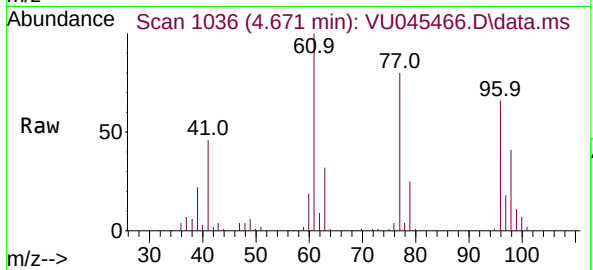




#27
 cis-1,2-Dichloroethene
 Concen: 20.825 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

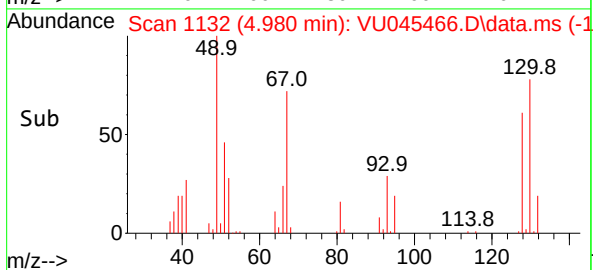
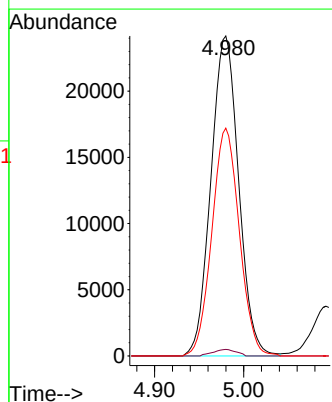
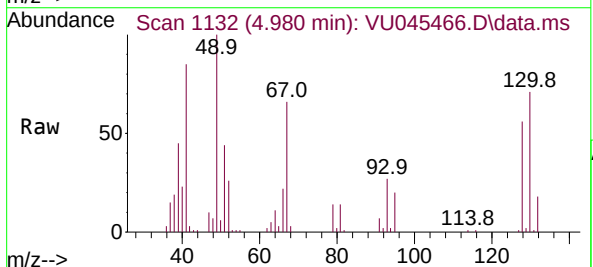
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

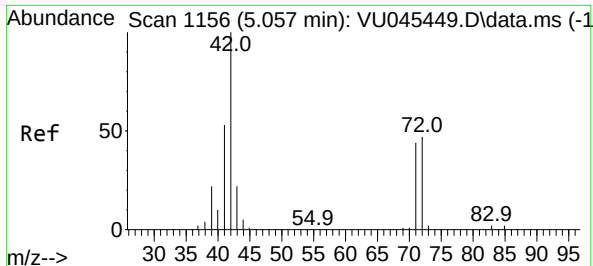
Tgt Ion: 96 Resp: 57832
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 299.2
 98 63.3 0.0 127.6



#28
 Bromochloromethane
 Concen: 22.506 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

Tgt Ion: 49 Resp: 52312
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 70.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 106.823 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

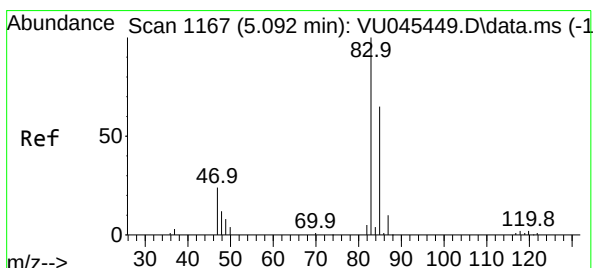
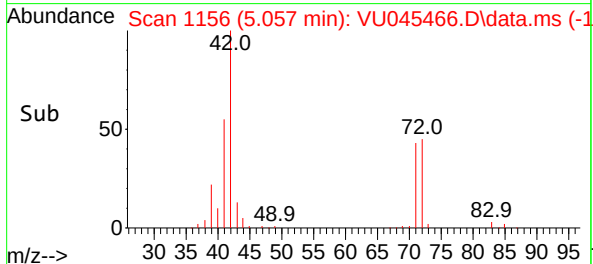
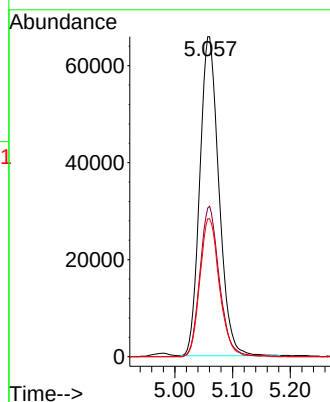
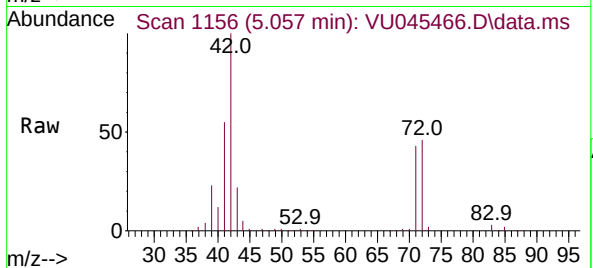
Tgt Ion: 42 Resp: 151518

Ion Ratio Lower Upper

42 100

72 47.8 38.2 57.4

71 44.0 35.4 53.2



#30

Chloroform

Concen: 20.808 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045466.D

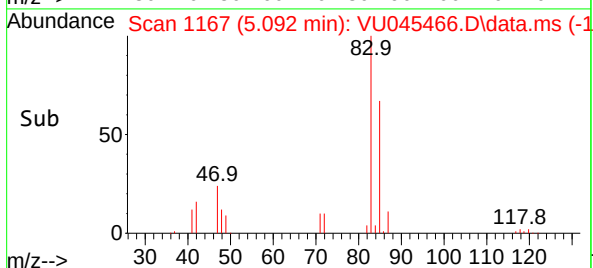
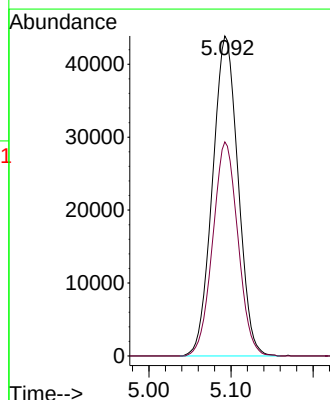
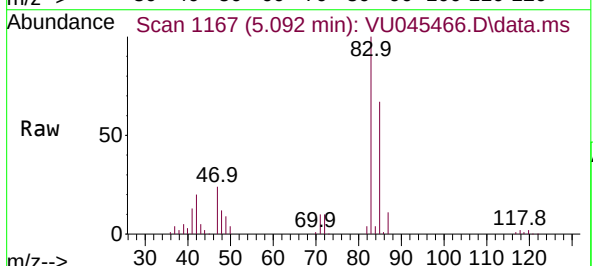
Acq: 29 Oct 2021 16:07

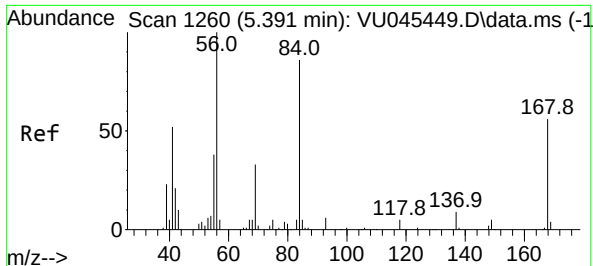
Tgt Ion: 83 Resp: 95074

Ion Ratio Lower Upper

83 100

85 66.9 52.0 78.0

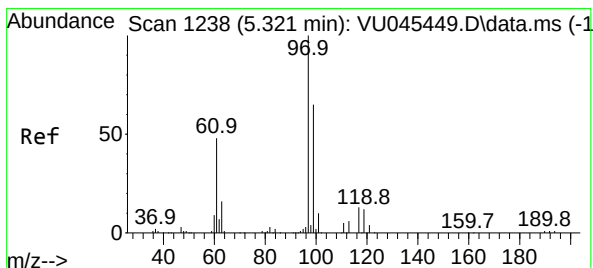
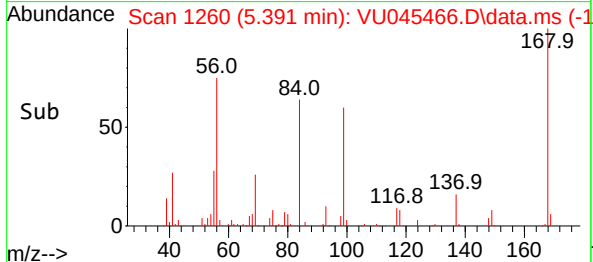
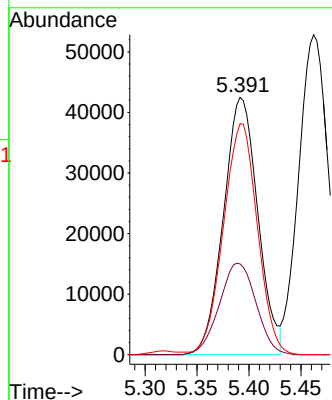
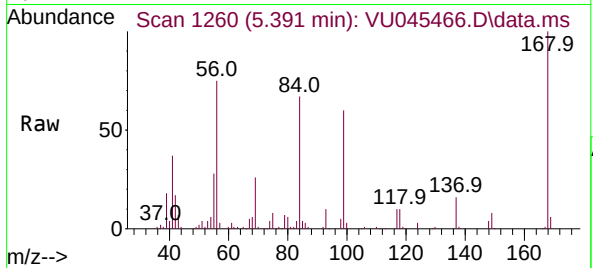




#31
Cyclohexane
Concen: 20.567 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

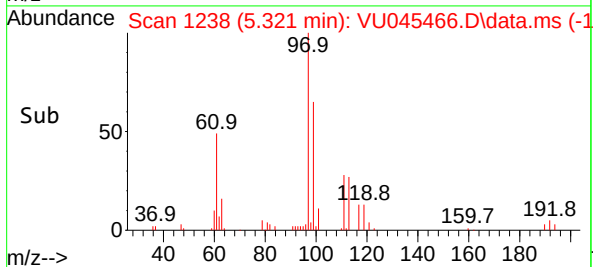
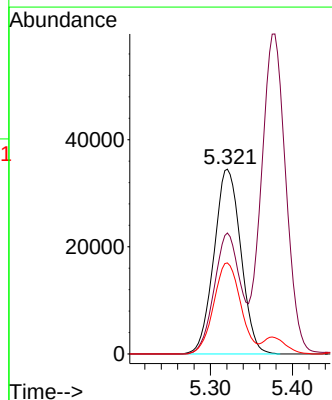
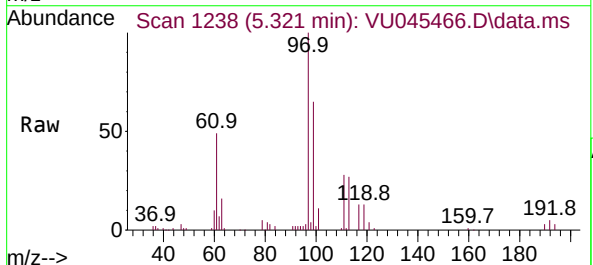
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

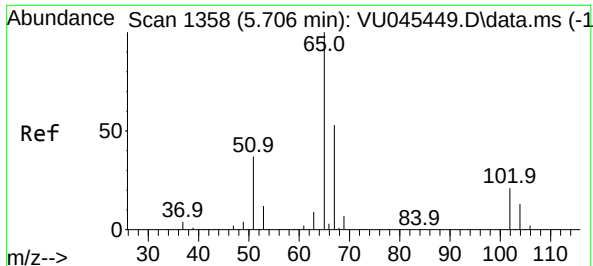
Tgt Ion: 56 Resp: 97719
Ion Ratio Lower Upper
56 100
69 35.0 26.4 39.6
84 88.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 20.928 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 97 Resp: 78480
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 49.8 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.413 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

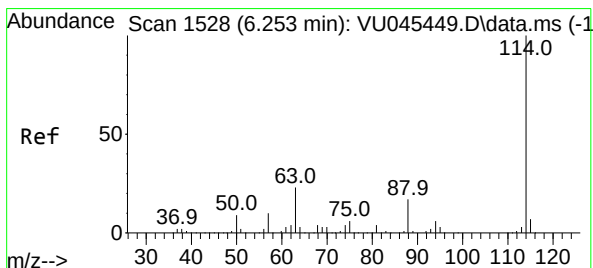
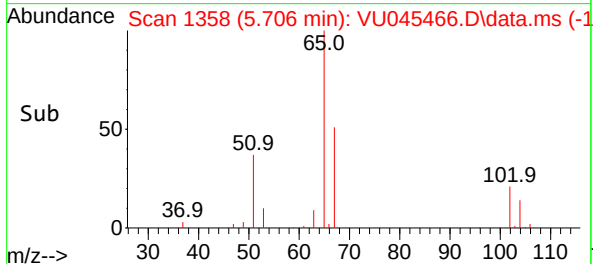
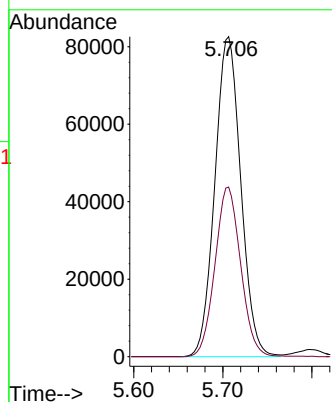
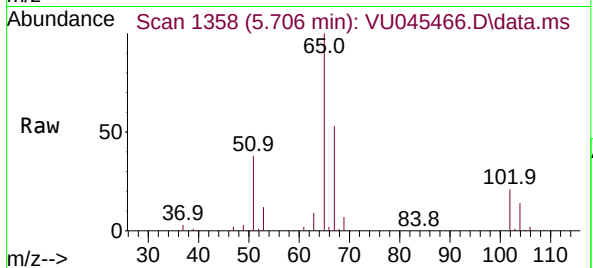
VU1029WBSD01

Tgt Ion: 65 Resp: 167265

Ion Ratio Lower Upper

65 100

67 52.4 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: VU045466.D

Acq: 29 Oct 2021 16:07

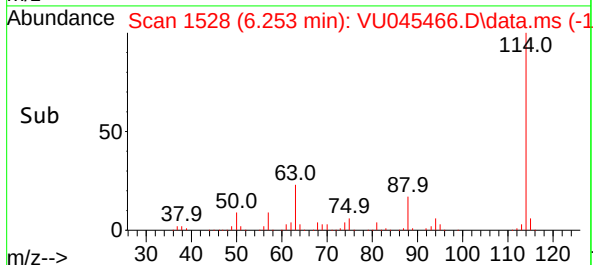
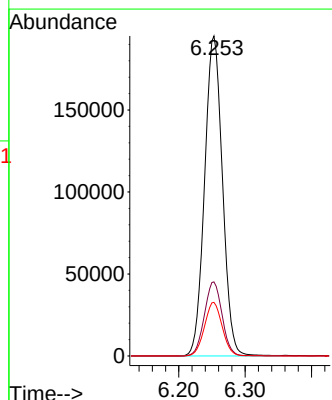
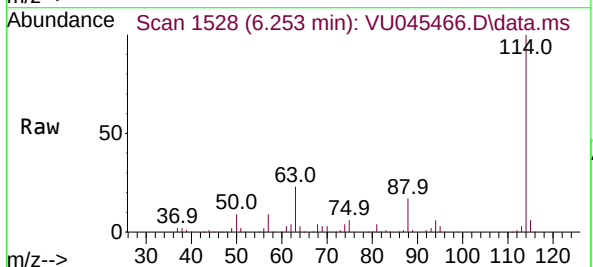
Tgt Ion: 114 Resp: 365796

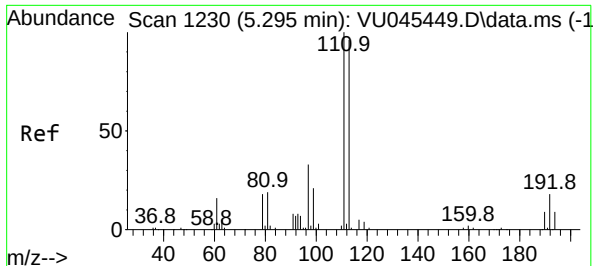
Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.099 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

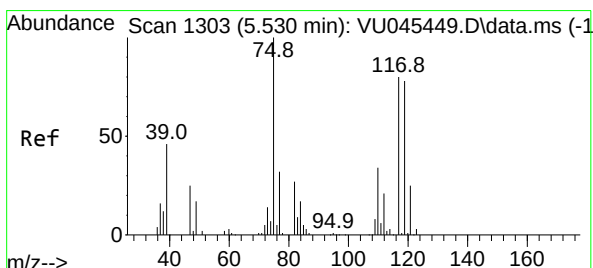
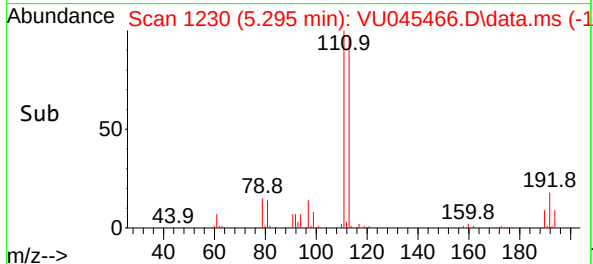
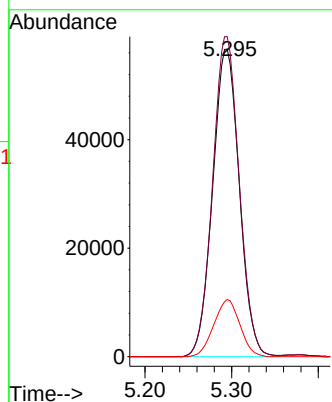
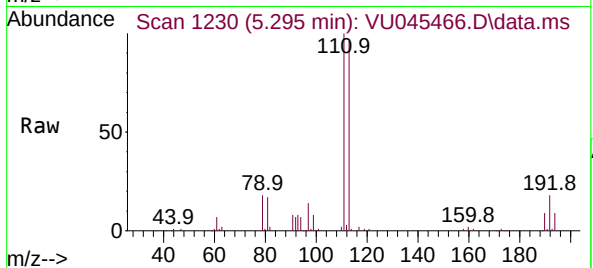
Tgt Ion:113 Resp: 121176

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 20.581 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

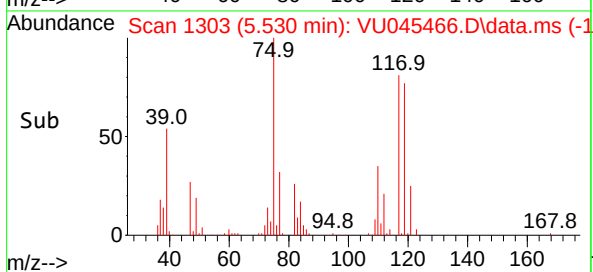
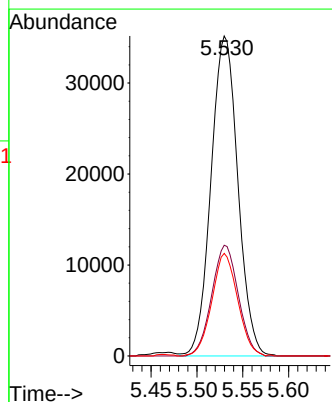
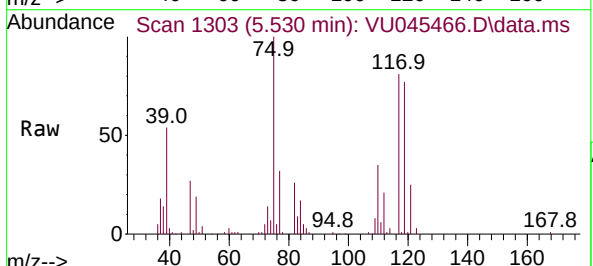
Tgt Ion: 75 Resp: 71665

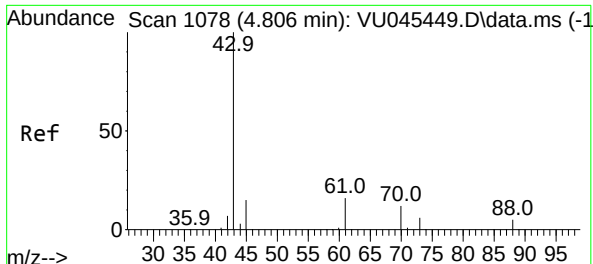
Ion Ratio Lower Upper

75 100

110 34.2 16.7 50.0

77 30.8 25.0 37.4

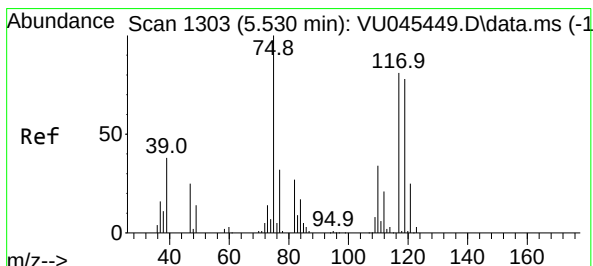
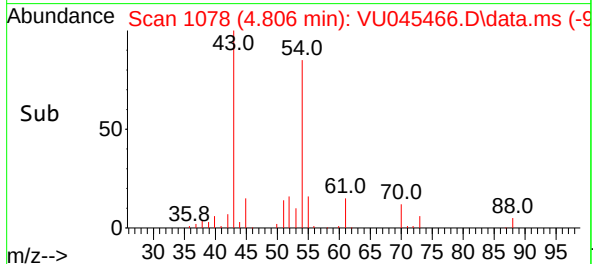
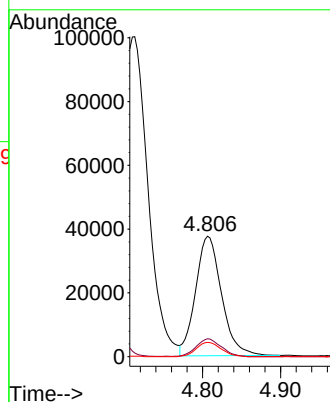
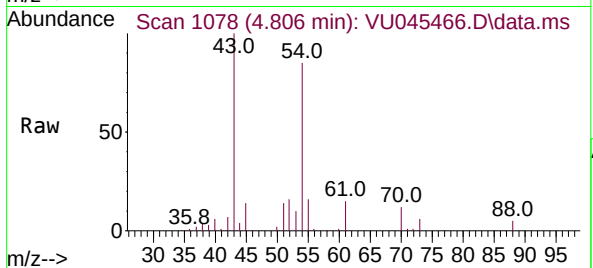




#37
Ethyl Acetate
Concen: 20.518 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

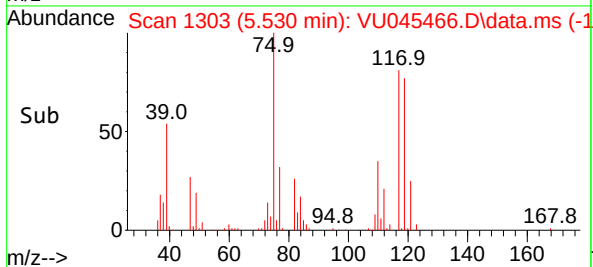
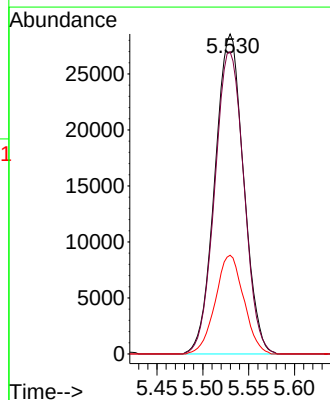
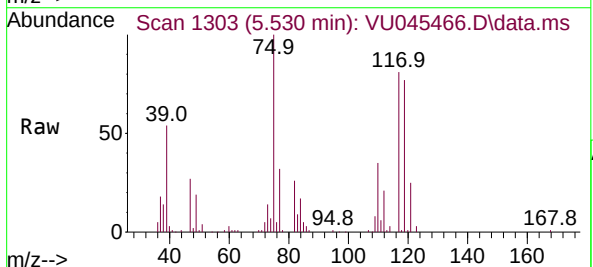
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

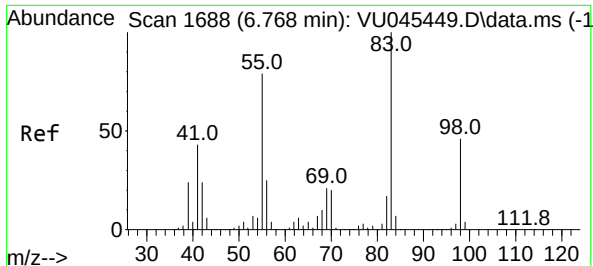
Tgt Ion: 43 Resp: 86525
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.502 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 117 Resp: 62262
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.0
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 20.678 ug/l

RT: 6.768 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

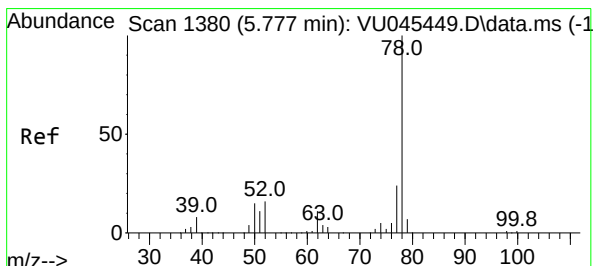
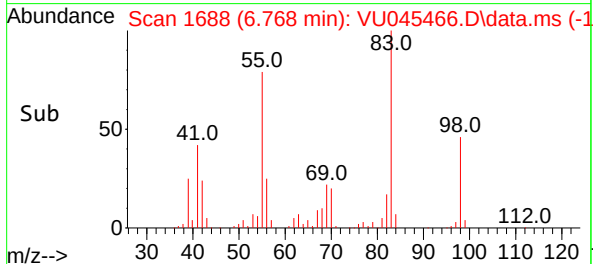
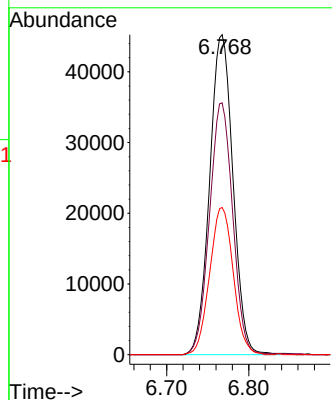
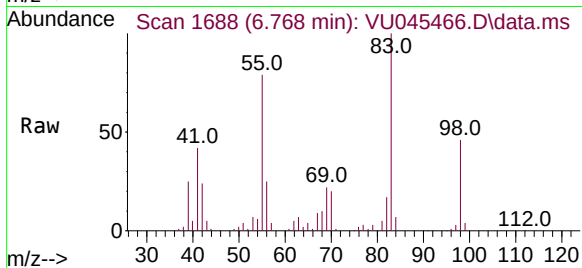
Tgt Ion: 83 Resp: 89538

Ion Ratio Lower Upper

83 100

55 78.7 63.6 95.4

98 46.0 37.1 55.7



#40

Benzene

Concen: 20.743 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045466.D

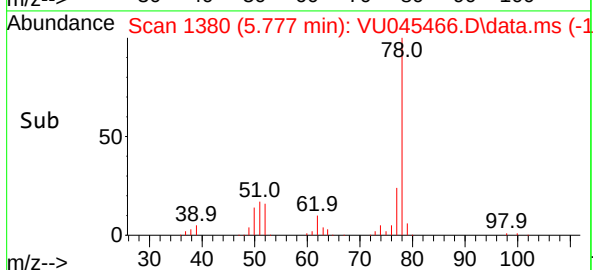
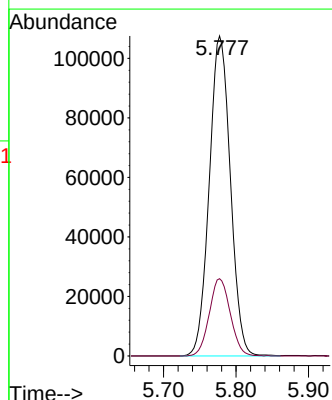
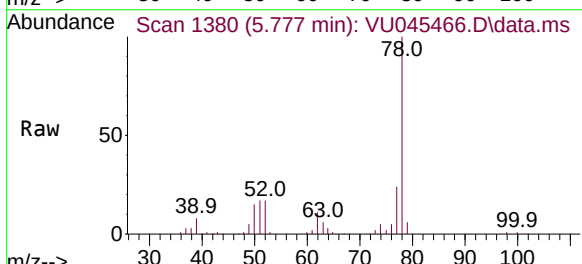
Acq: 29 Oct 2021 16:07

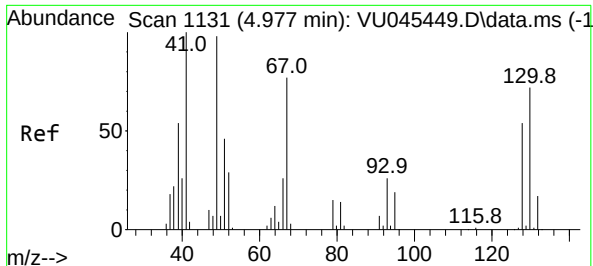
Tgt Ion: 78 Resp: 217424

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

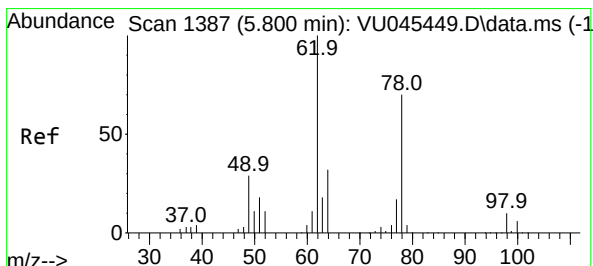
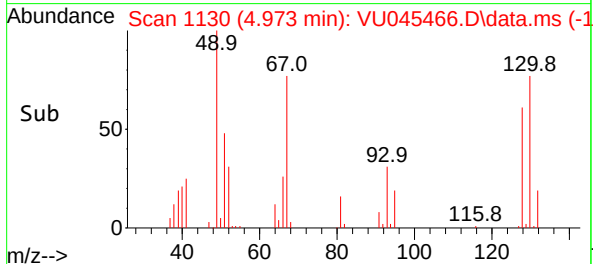
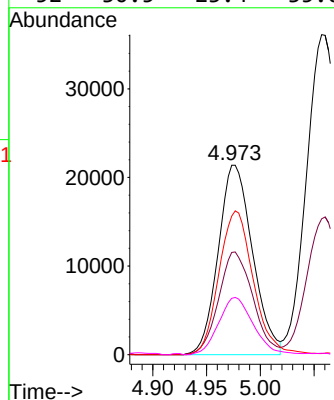
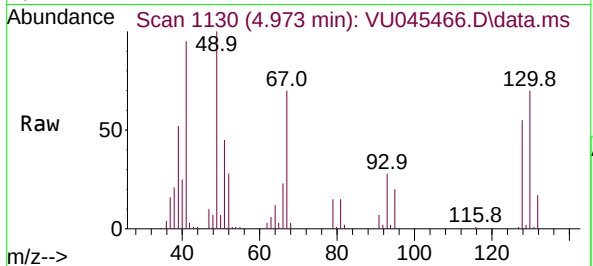




#41
Methacrylonitrile
Concen: 21.286 ug/l
RT: 4.973 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

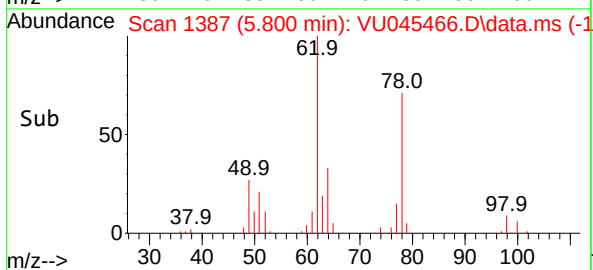
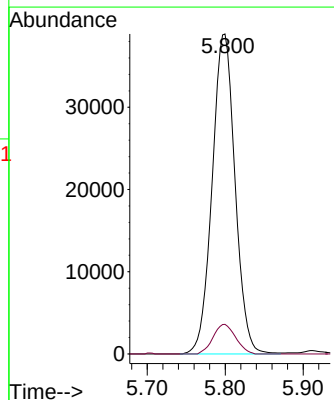
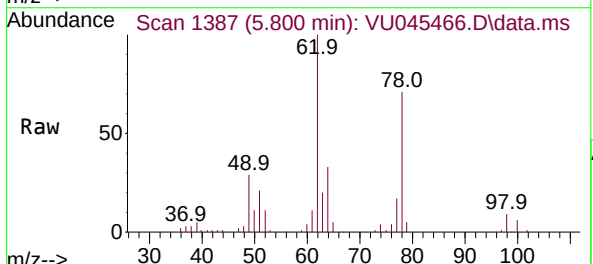
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

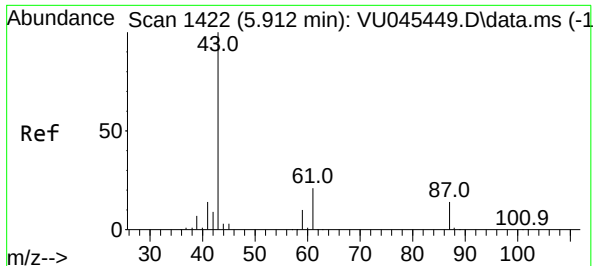
Tgt Ion: 41	Resp: 47505
Ion Ratio	Lower Upper
41 100	
39 54.1	43.4 65.0
67 76.1	61.0 91.4
52 30.5	23.4 35.0



#42
1,2-Dichloroethane
Concen: 20.638 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 62	Resp: 79449
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.4





#43

Isopropyl Acetate

Concen: 20.599 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

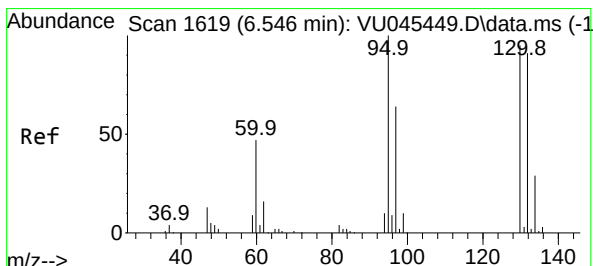
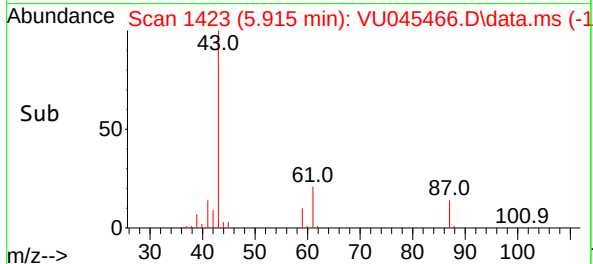
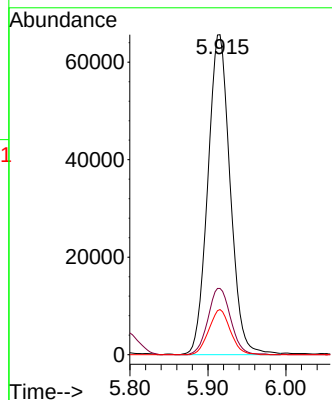
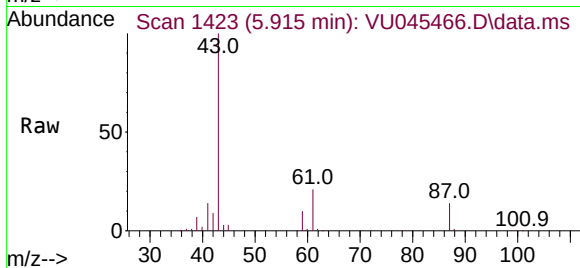
Tgt Ion: 43 Resp: 130912

Ion Ratio Lower Upper

43 100

61 21.1 16.9 25.3

87 13.5 11.0 16.4



#44

Trichloroethene

Concen: 20.799 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045466.D

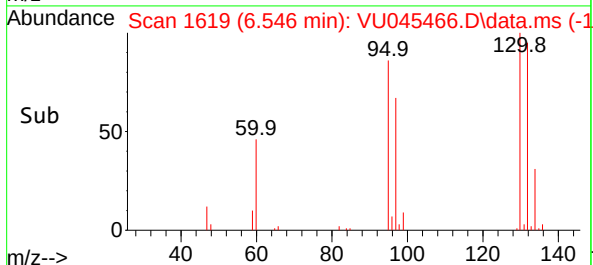
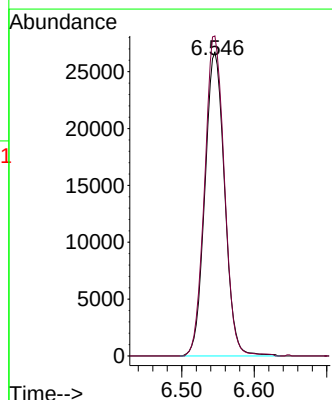
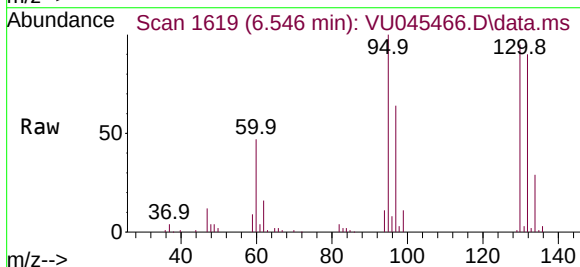
Acq: 29 Oct 2021 16:07

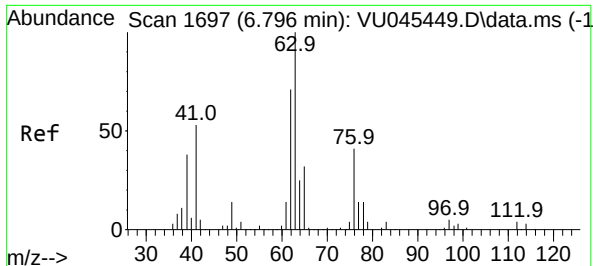
Tgt Ion:130 Resp: 50530

Ion Ratio Lower Upper

130 100

95 105.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.833 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

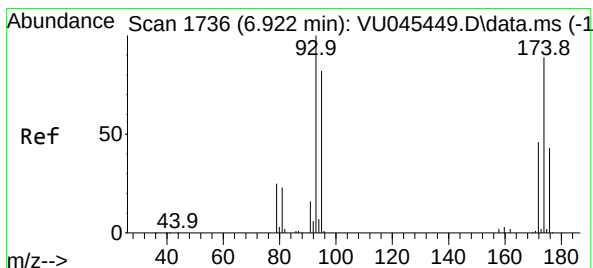
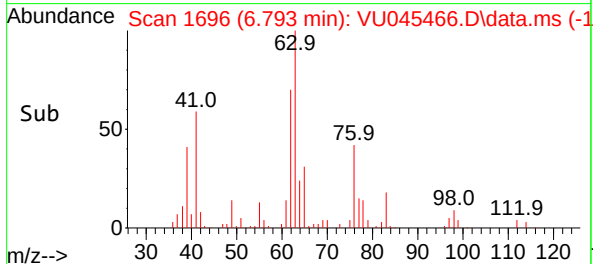
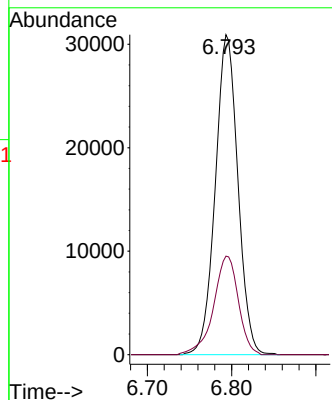
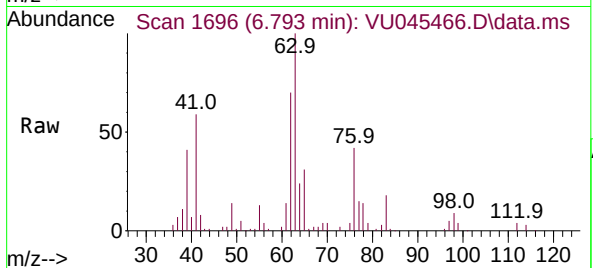
VU1029WBSD01

Tgt Ion: 63 Resp: 57469

Ion Ratio Lower Upper

63 100

65 30.8 25.7 38.5



#46

Dibromomethane

Concen: 21.089 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

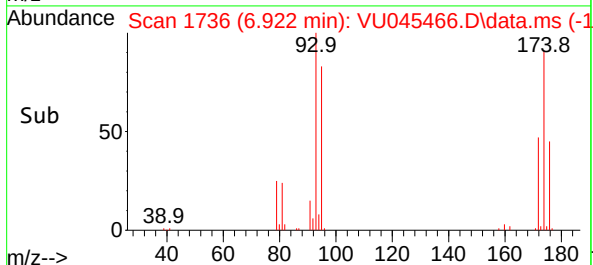
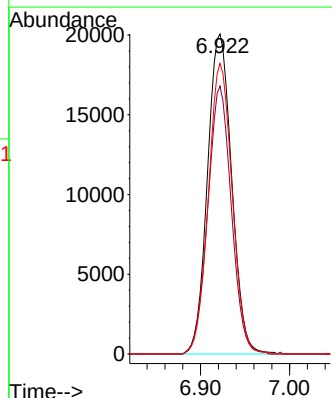
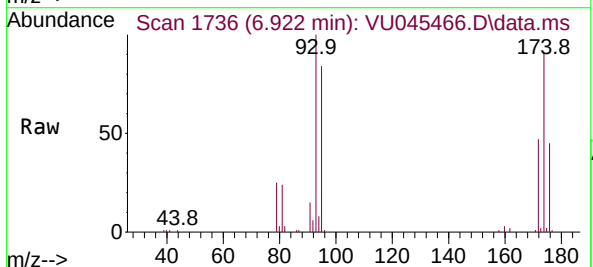
Tgt Ion: 93 Resp: 37879

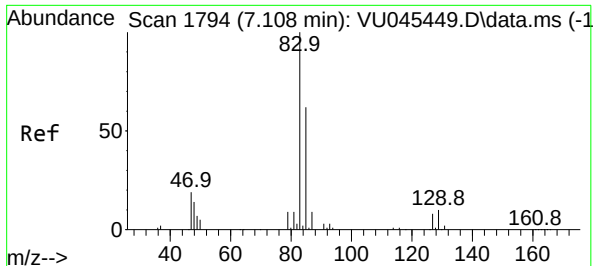
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 89.3 71.0 106.6





#47

Bromodichloromethane

Concen: 20.592 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

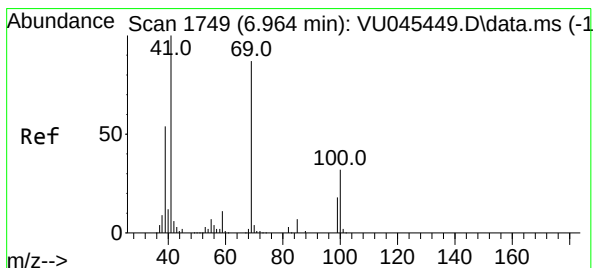
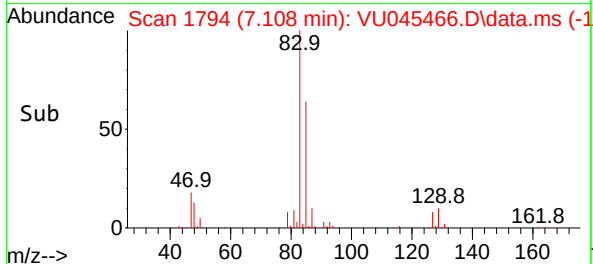
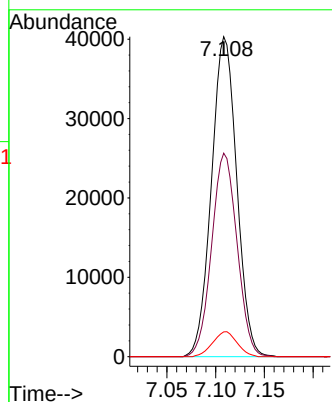
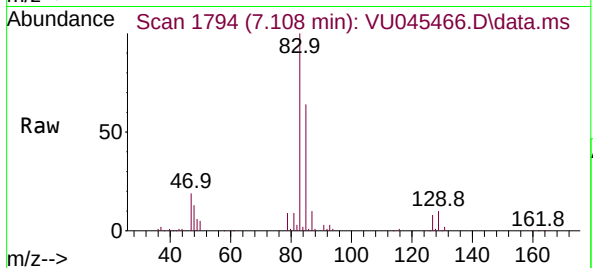
Tgt Ion: 83 Resp: 72789

Ion Ratio Lower Upper

83 100

85 63.6 49.8 74.6

127 7.7 6.2 9.2



#48

Methyl methacrylate

Concen: 20.315 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

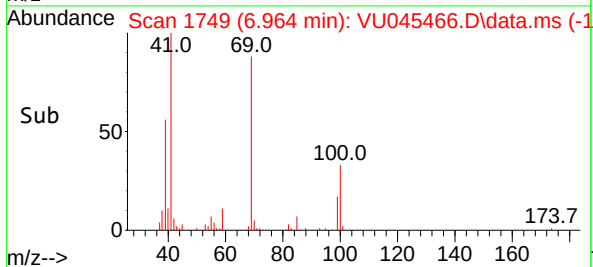
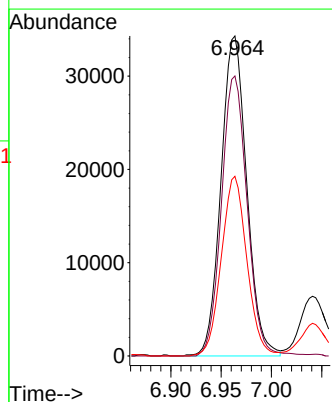
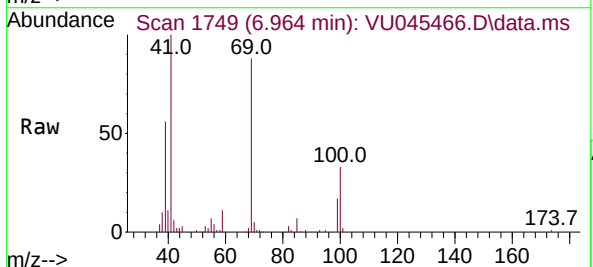
Tgt Ion: 41 Resp: 61194

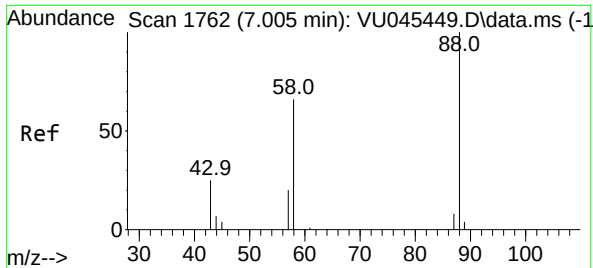
Ion Ratio Lower Upper

41 100

69 87.3 70.2 105.2

39 55.6 43.9 65.9

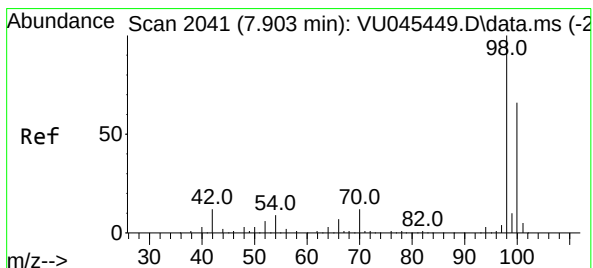
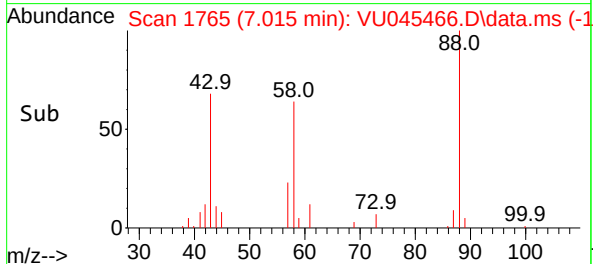
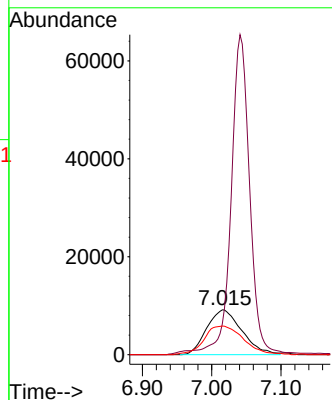
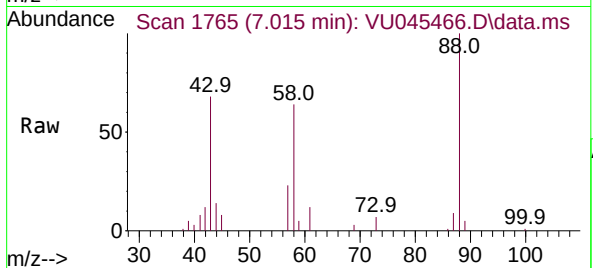




#49
1,4-Dioxane
Concen: 421.734 ug/l
RT: 7.015 min Scan# 1765
Delta R.T. 0.010 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

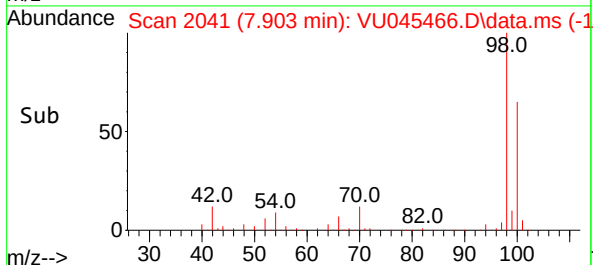
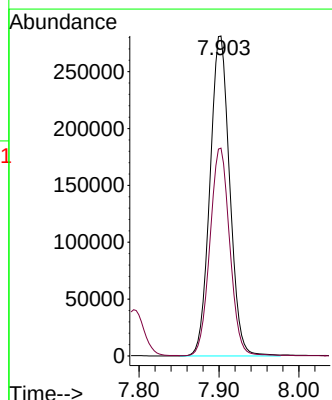
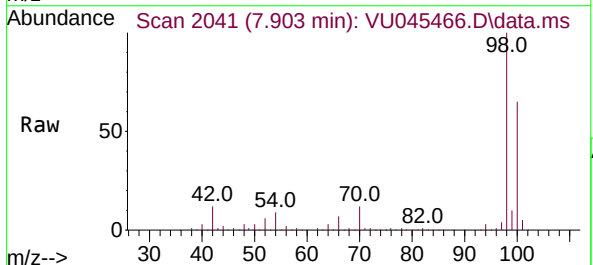
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

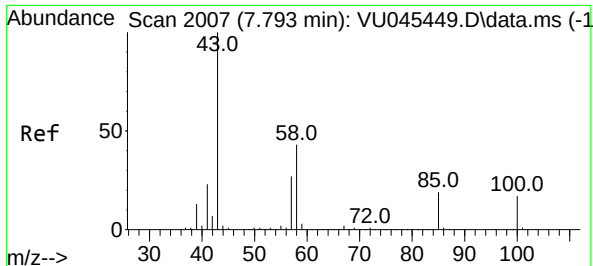
Tgt Ion: 88 Resp: 32286
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.2 58.7 88.1



#50
Toluene-d8
Concen: 52.917 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 98 Resp: 482642
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 104.829 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

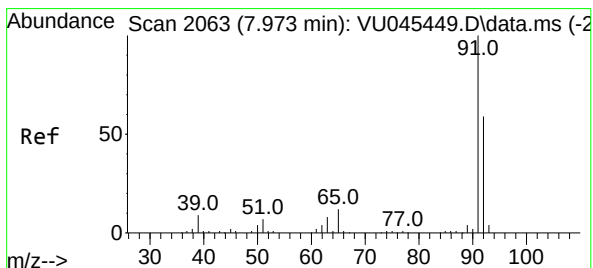
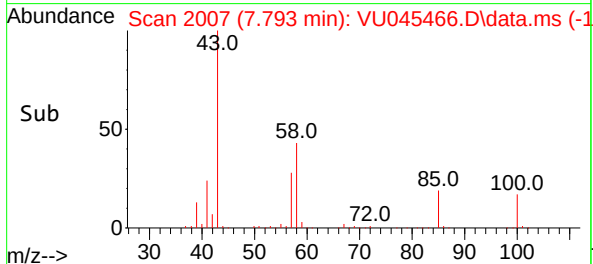
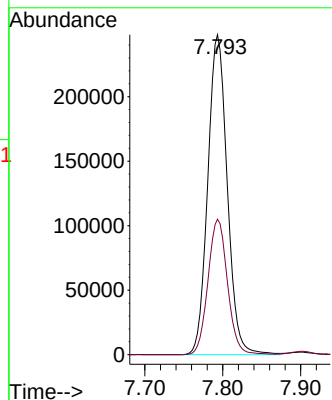
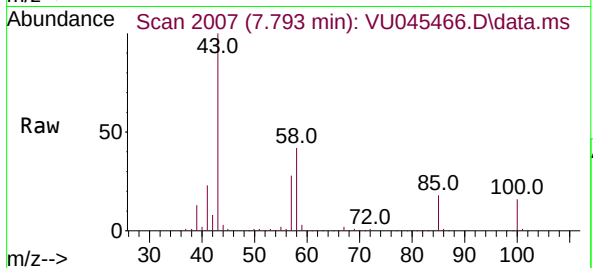
VU1029WBSD01

Tgt Ion: 43 Resp: 430600

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8



#52

Toluene

Concen: 20.904 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045466.D

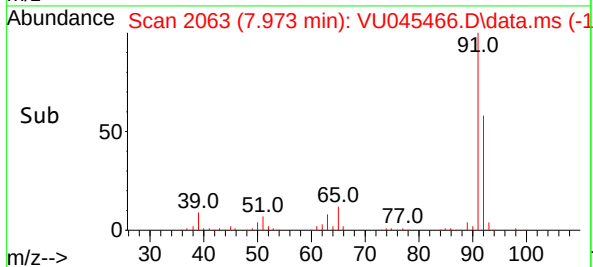
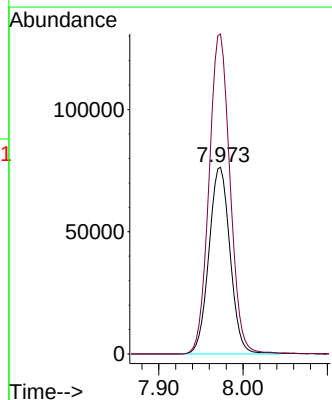
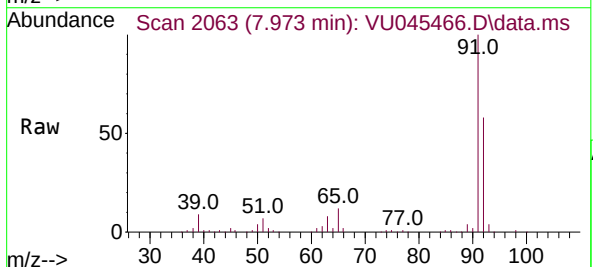
Acq: 29 Oct 2021 16:07

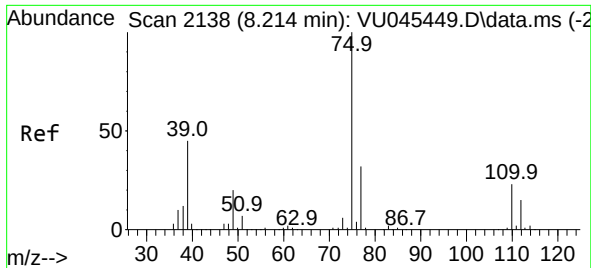
Tgt Ion: 92 Resp: 133193

Ion Ratio Lower Upper

92 100

91 170.8 135.6 203.4

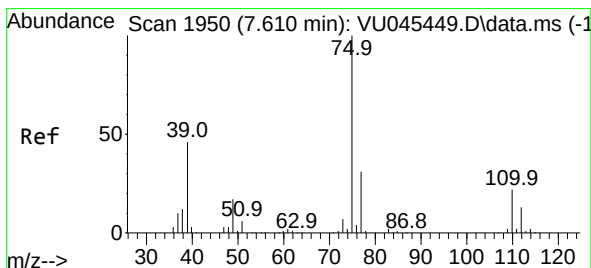
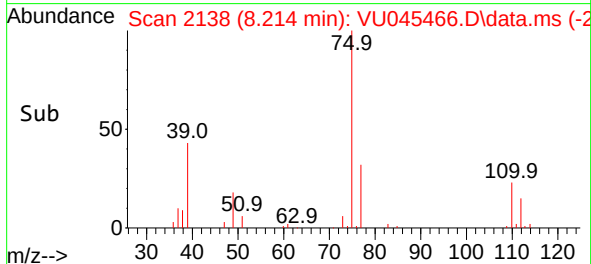
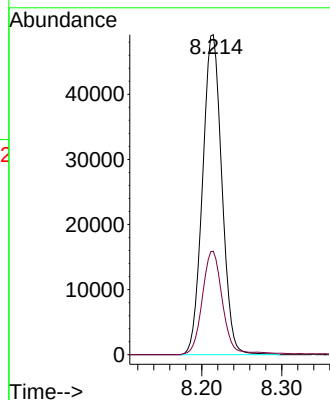
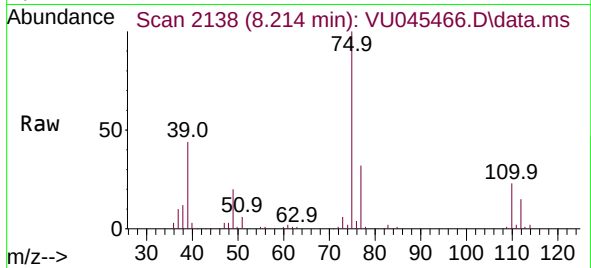




#53
 t-1,3-Dichloropropene
 Concen: 20.465 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

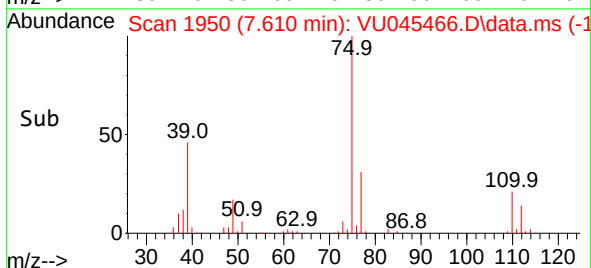
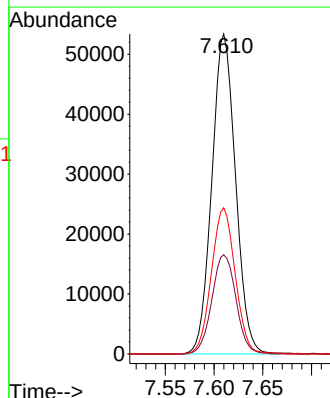
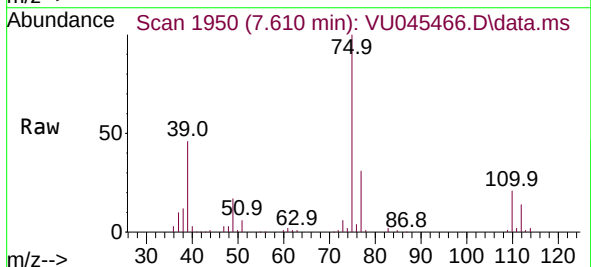
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

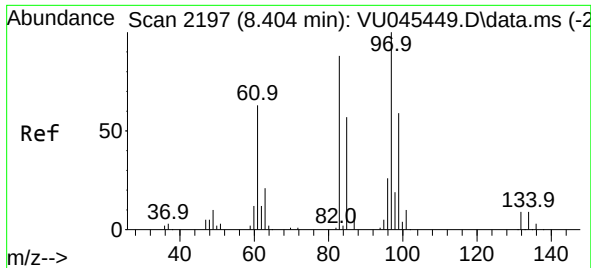
Tgt Ion: 75 Resp: 82454
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.916 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

Tgt Ion: 75 Resp: 90248
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 45.7 37.1 55.7

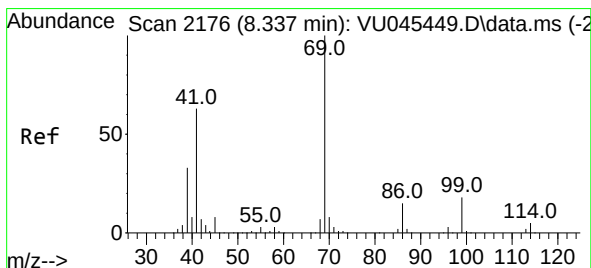
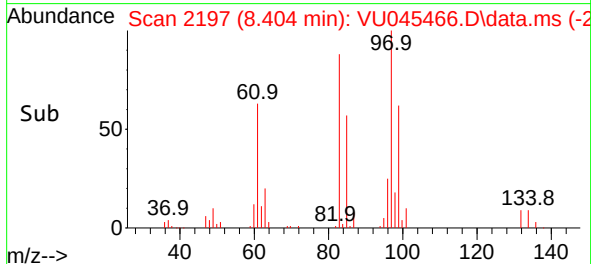
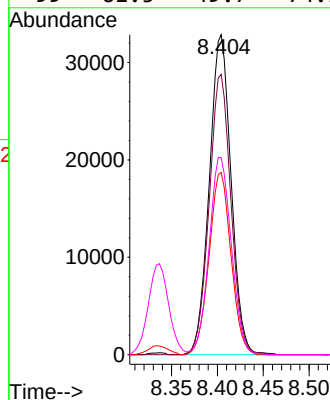
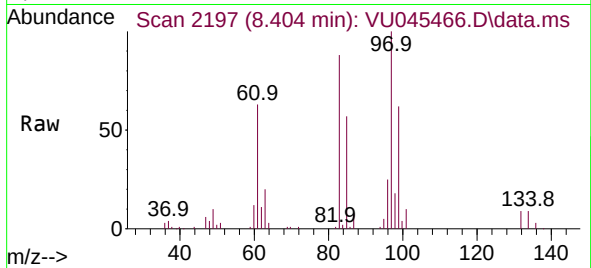




#55
1,1,2-Trichloroethane
Concen: 20.870 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

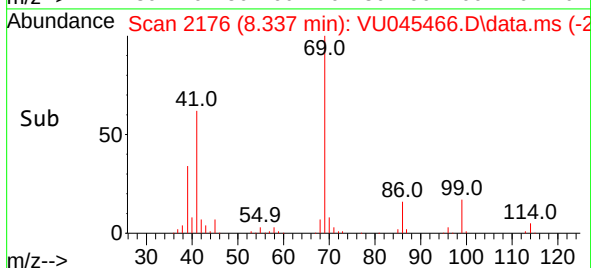
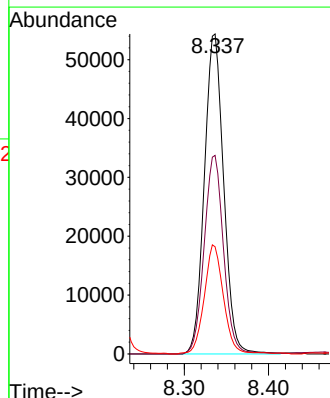
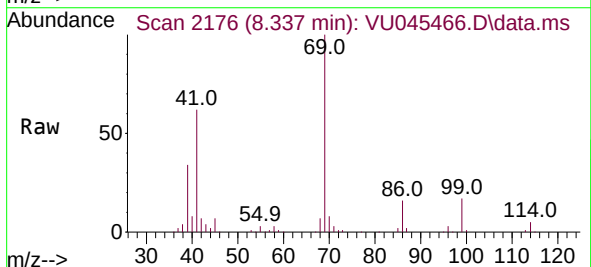
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

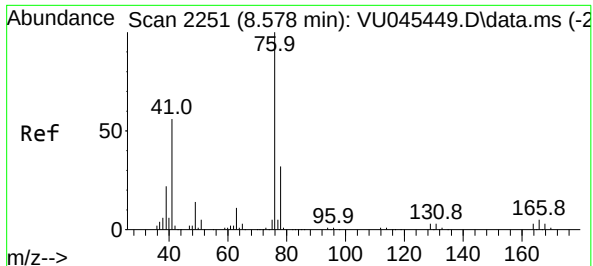
Tgt Ion:	97	Resp:	54319
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.3	105.5
85	57.0	45.5	68.3
99	61.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.265 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:	69	Resp:	86783
Ion	Ratio	Lower	Upper
69	100		
41	62.3	51.0	76.4
39	33.7	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.635 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

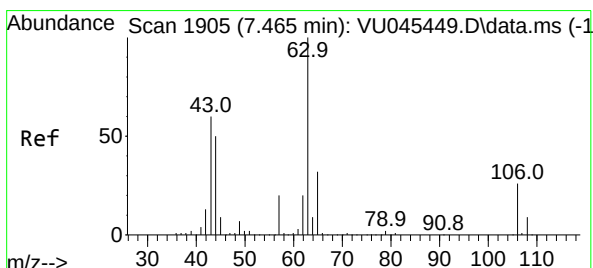
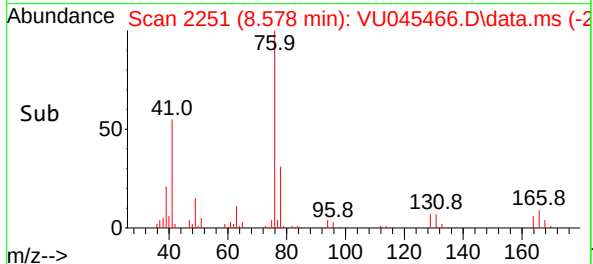
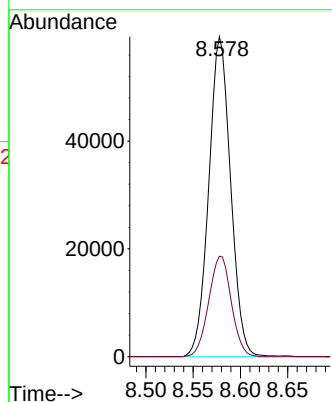
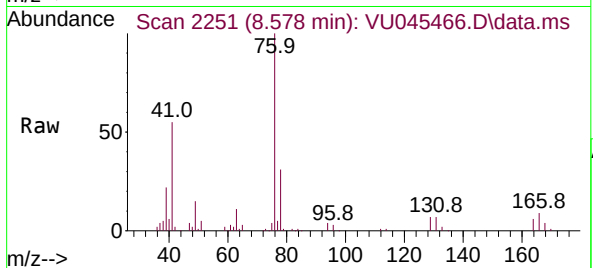
VU1029WBSD01

Tgt Ion: 76 Resp: 95334

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.929 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045466.D

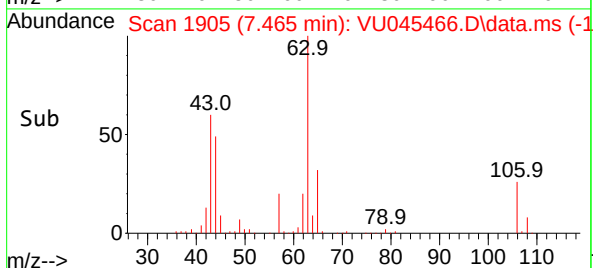
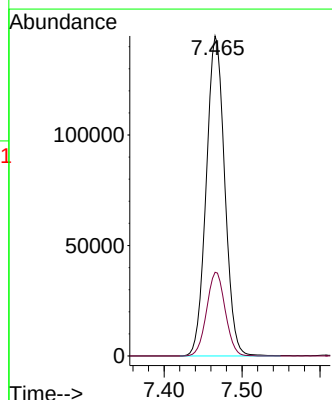
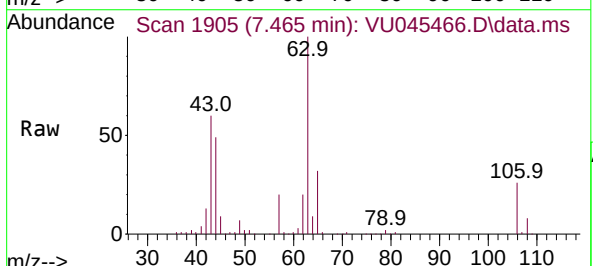
Acq: 29 Oct 2021 16:07

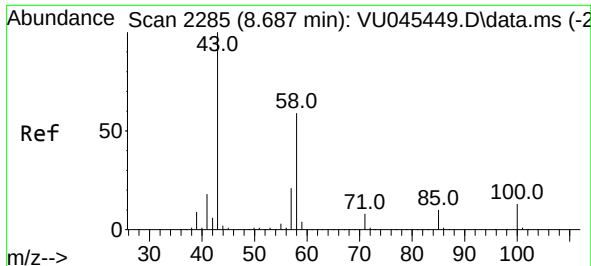
Tgt Ion: 63 Resp: 238396

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.4

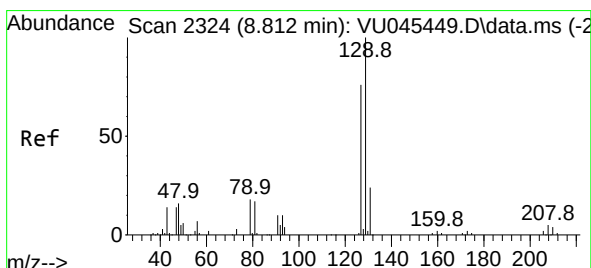
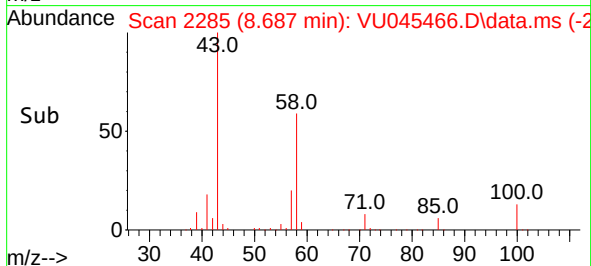
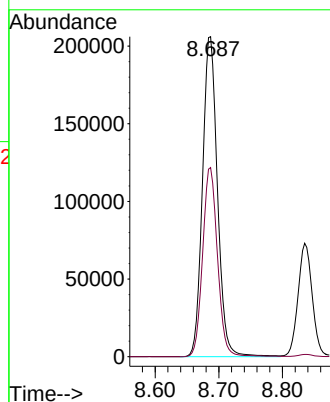
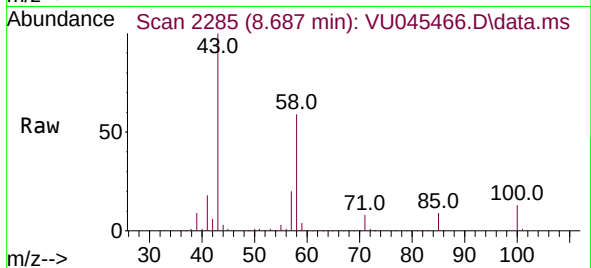




#59
2-Hexanone
Concen: 105.939 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

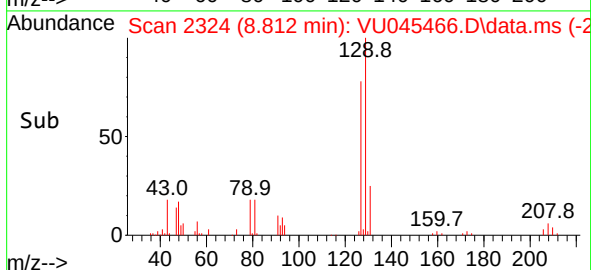
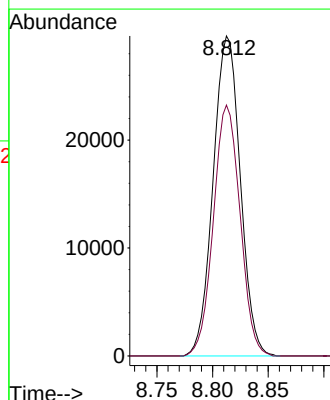
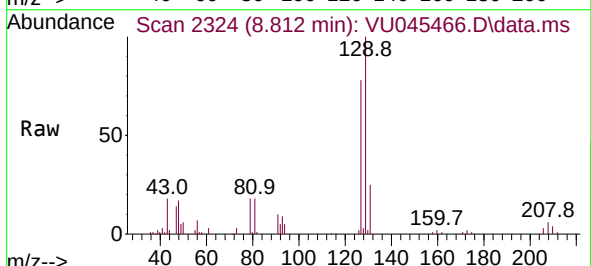
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

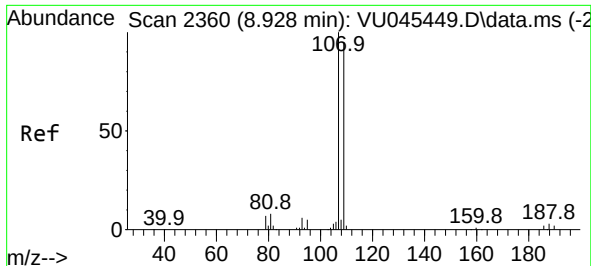
Tgt Ion: 43 Resp: 337157
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6



#60
Dibromochloromethane
Concen: 20.168 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:129 Resp: 50376
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

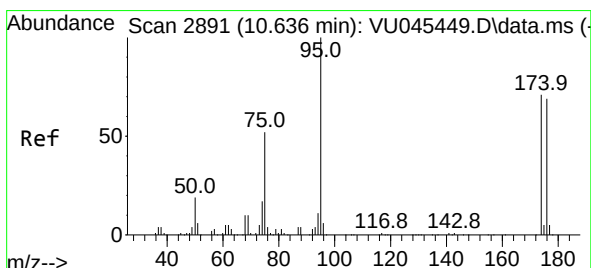
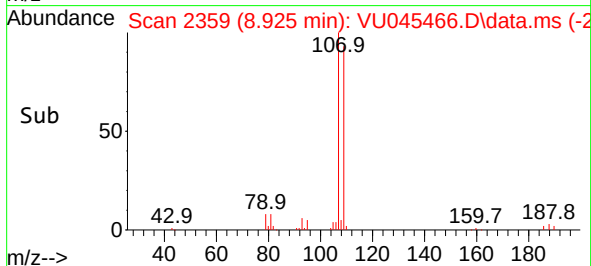
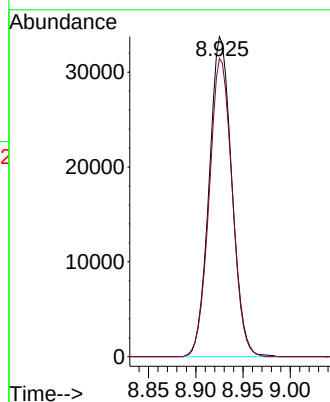
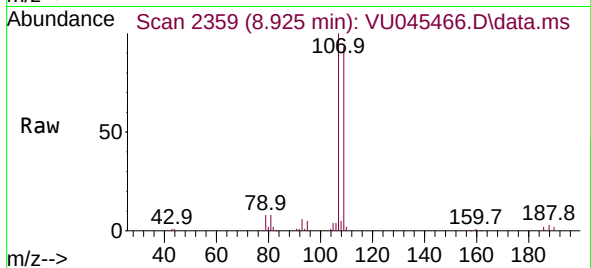




#61
1,2-Dibromoethane
Concen: 20.694 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

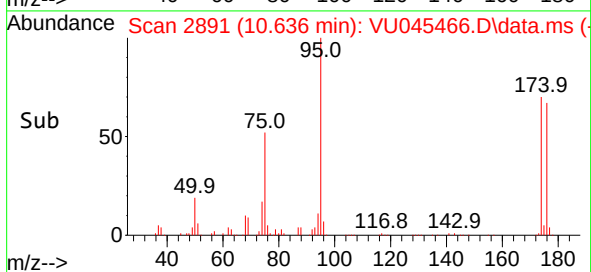
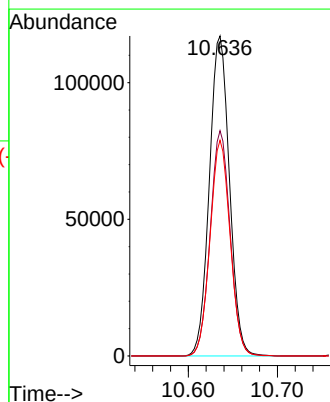
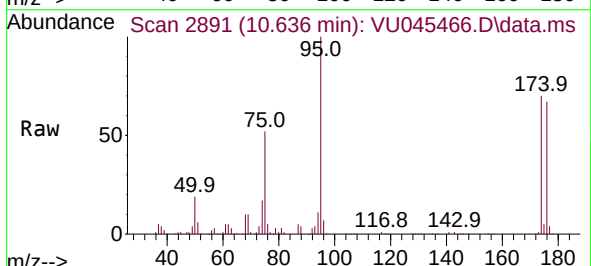
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

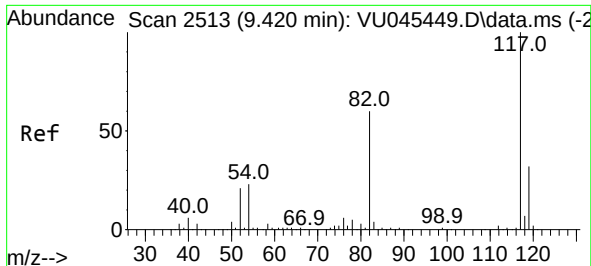
Tgt Ion:107 Resp: 56415
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.621 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 95 Resp: 182887
Ion Ratio Lower Upper
95 100
174 69.9 0.0 141.8
176 67.4 0.0 138.2

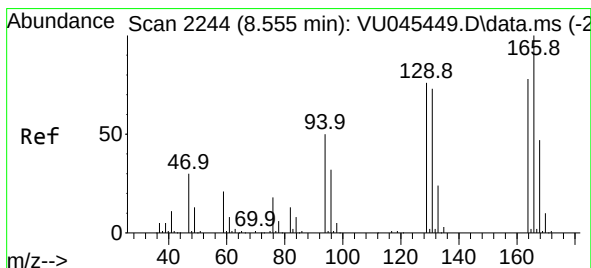
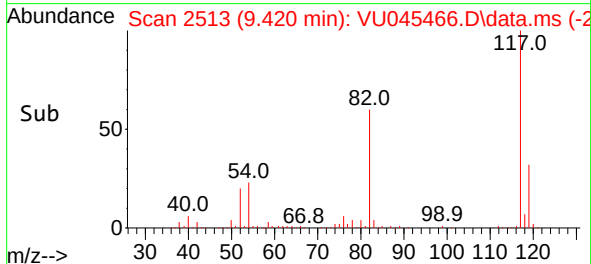
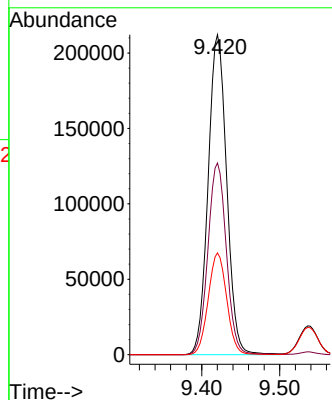
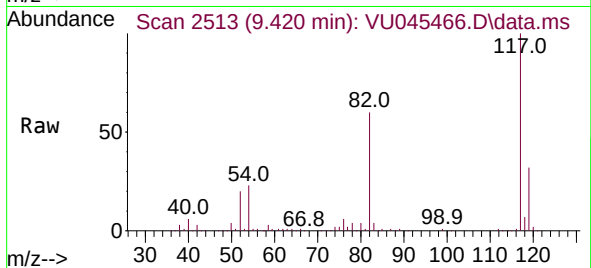




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

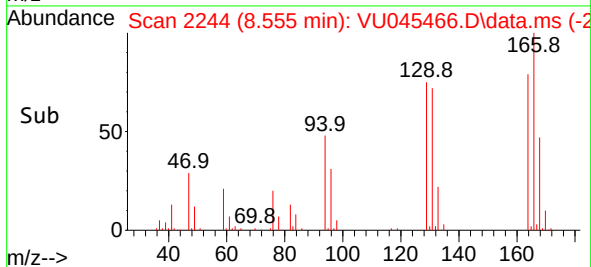
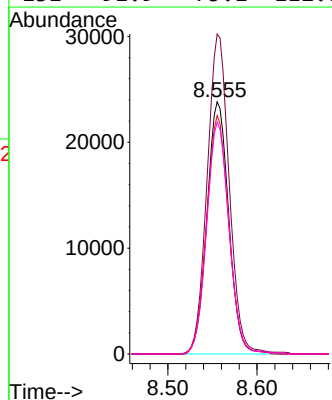
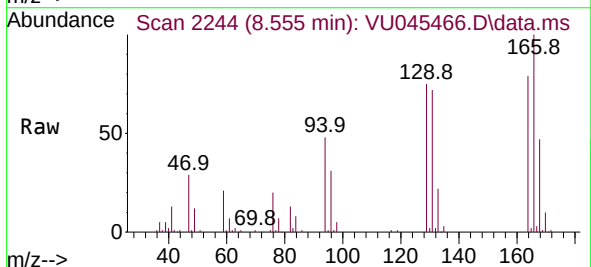
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

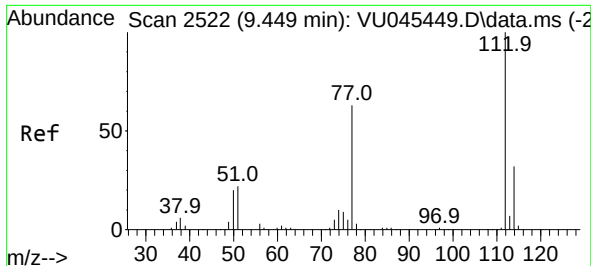
Tgt Ion:117 Resp: 351211
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 20.188 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:164 Resp: 40530
Ion Ratio Lower Upper
164 100
166 126.9 102.2 153.4
129 94.6 78.2 117.4
131 91.9 75.1 112.7

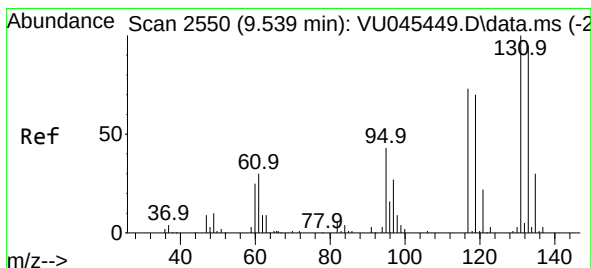
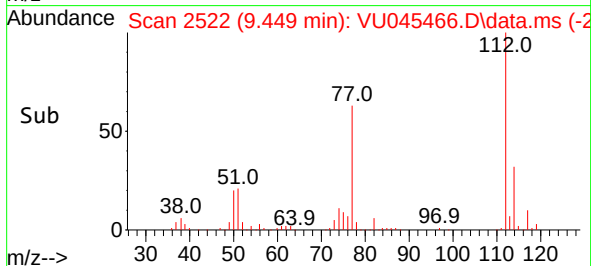
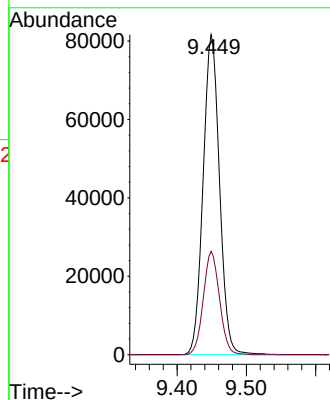
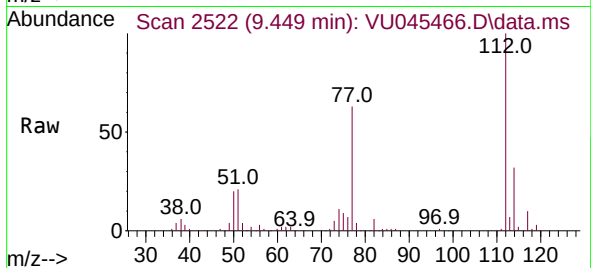




#65
Chlorobenzene
Concen: 20.119 ug/l
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

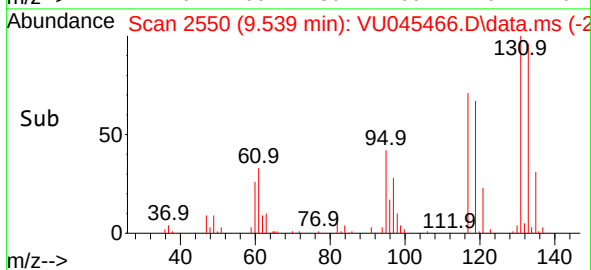
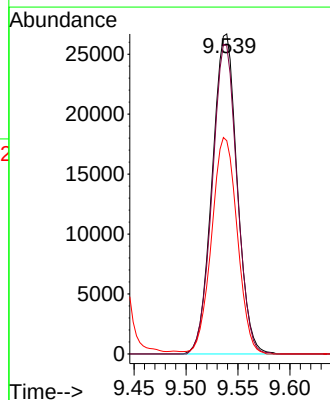
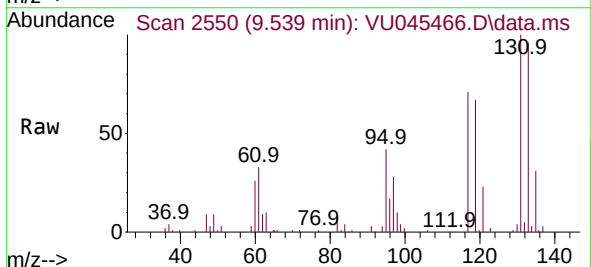
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

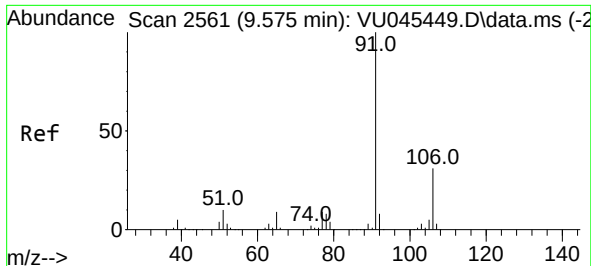
Tgt Ion:112 Resp: 133970
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.858 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:131 Resp: 44614
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 69.5 34.5 103.6





#67

Ethyl Benzene

Concen: 20.157 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

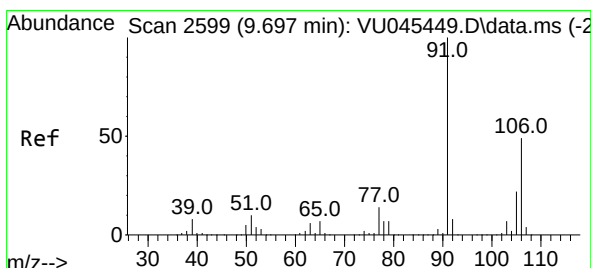
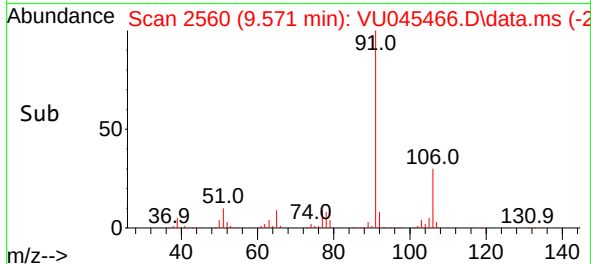
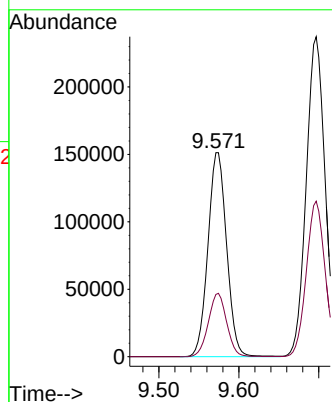
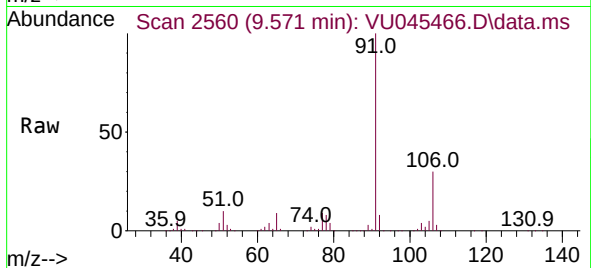
VU1029WBSD01

Tgt Ion: 91 Resp: 245872

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 41.009 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045466.D

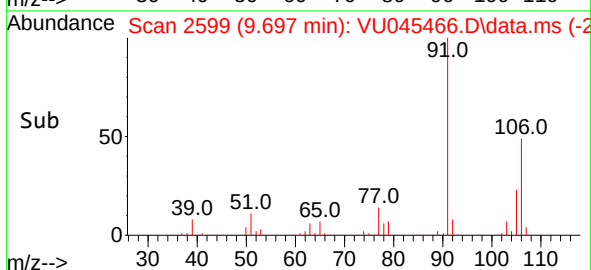
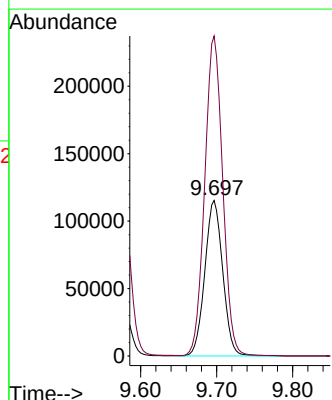
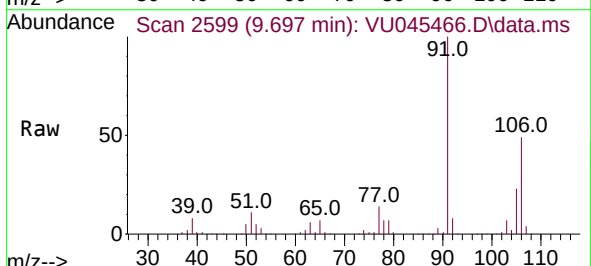
Acq: 29 Oct 2021 16:07

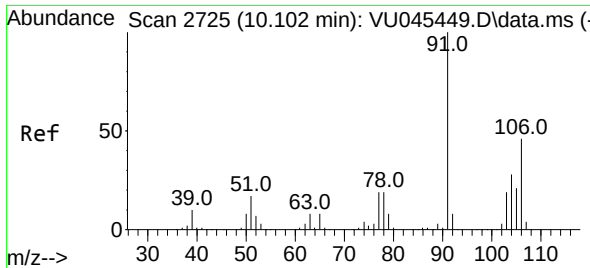
Tgt Ion:106 Resp: 188821

Ion Ratio Lower Upper

106 100

91 206.6 164.7 247.1

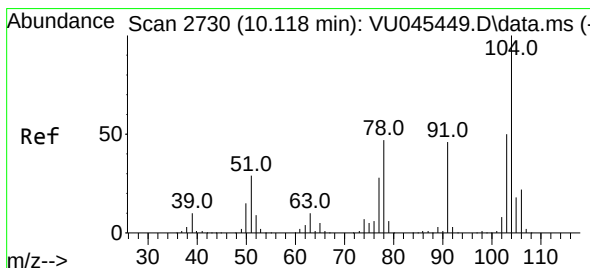
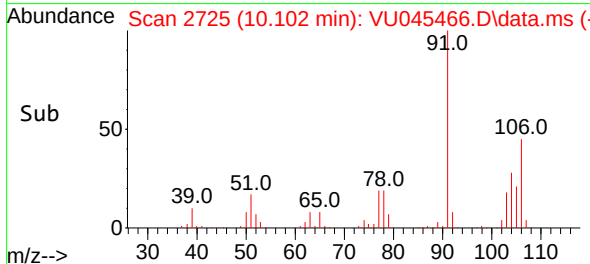
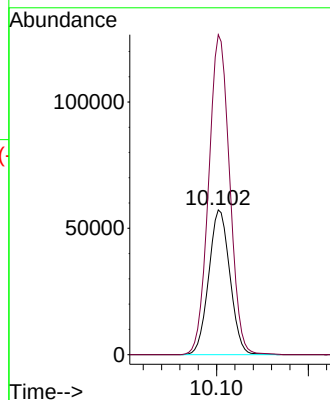
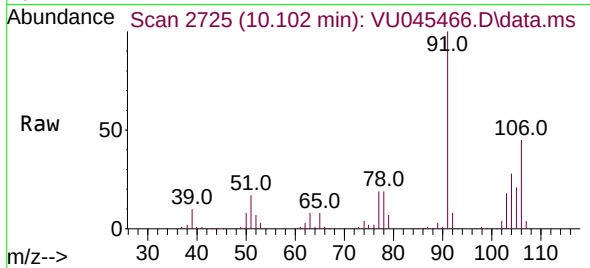




#69
o-Xylene
Concen: 20.466 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

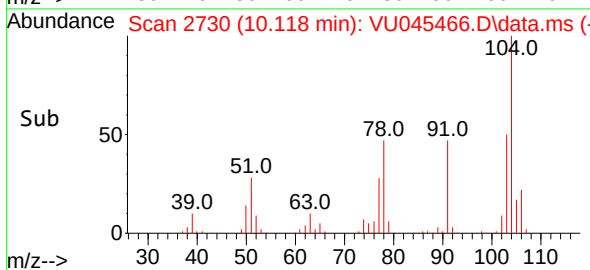
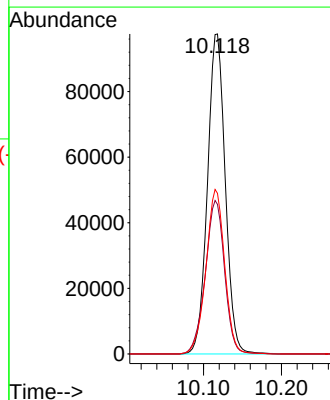
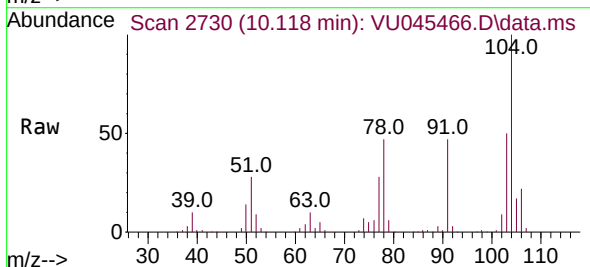
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

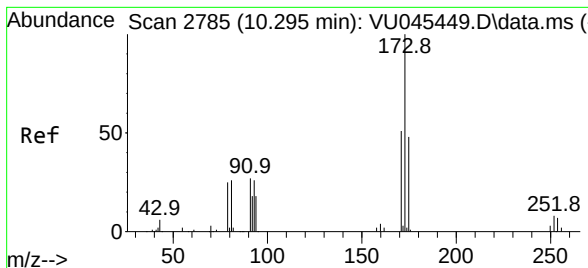
Tgt Ion:106 Resp: 91886
Ion Ratio Lower Upper
106 100
91 219.3 108.7 326.3



#70
Styrene
Concen: 19.263 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:104 Resp: 154829
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 54.1 43.8 65.6





#71

Bromoform

Concen: 18.874 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

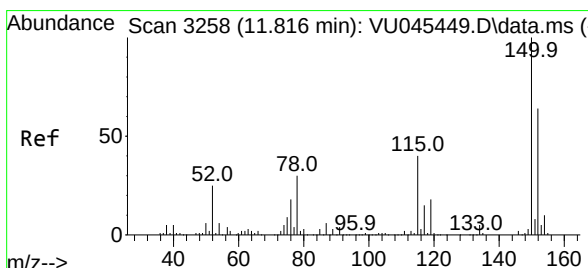
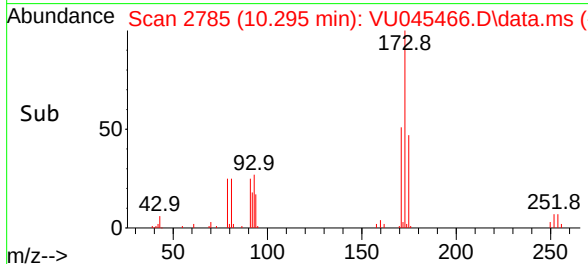
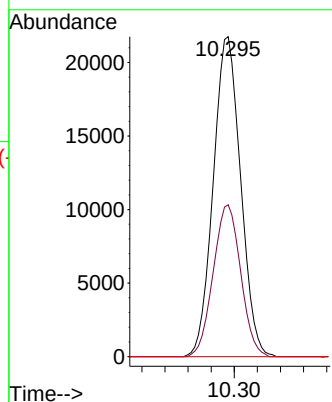
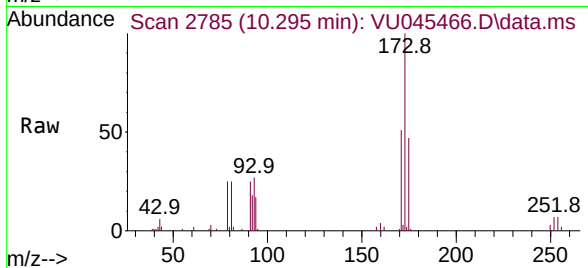
Tgt Ion:173 Resp: 35739

Ion Ratio Lower Upper

173 100

175 47.6 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: VU045466.D

Acq: 29 Oct 2021 16:07

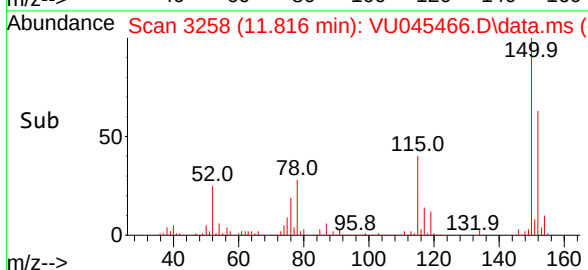
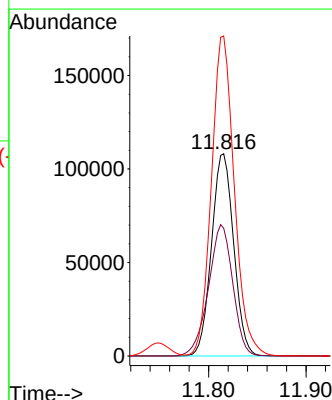
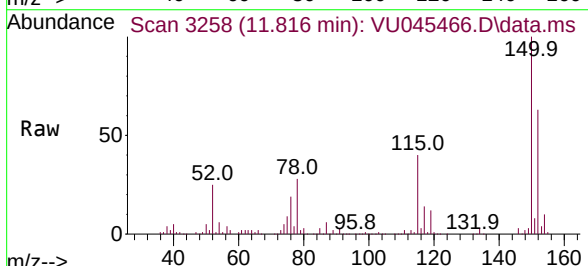
Tgt Ion:152 Resp: 170733

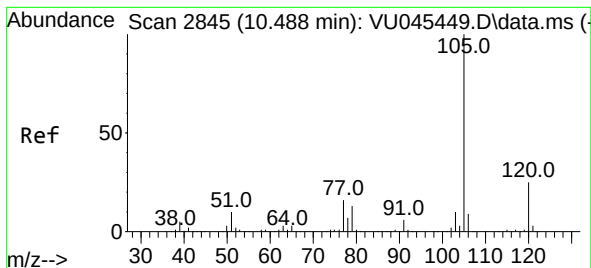
Ion Ratio Lower Upper

152 100

115 71.0 42.7 128.1

150 163.9 0.0 346.8





#73

Isopropylbenzene

Concen: 20.719 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

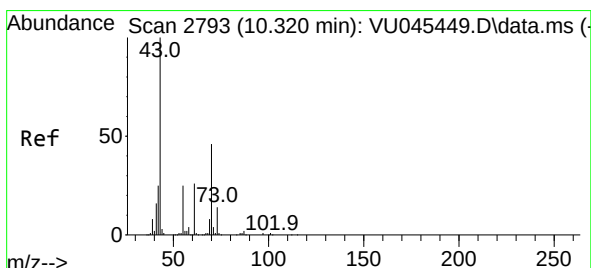
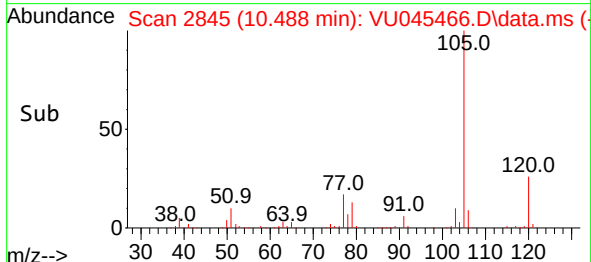
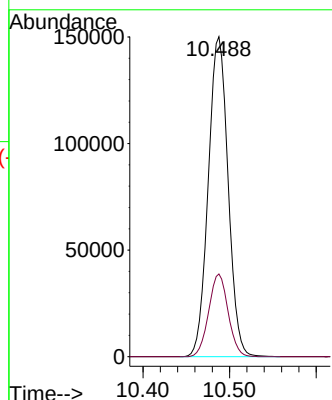
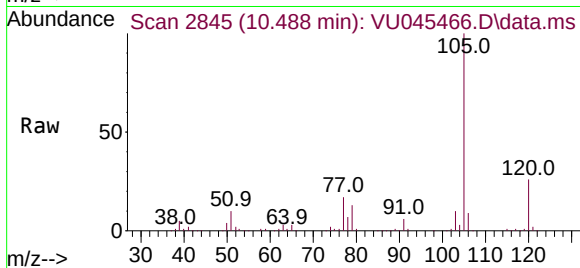
VU1029WBSD01

Tgt Ion:105 Resp: 238527

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 18.506 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Tgt Ion: 43 Resp: 106058

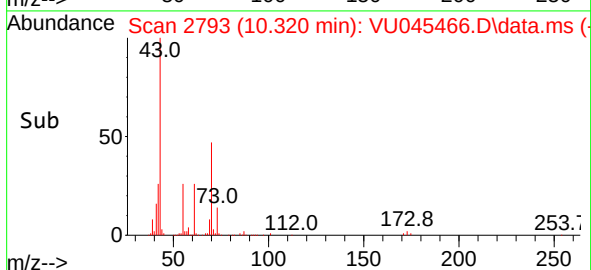
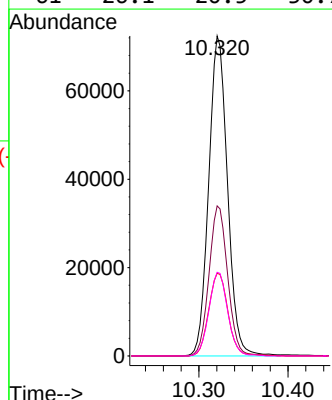
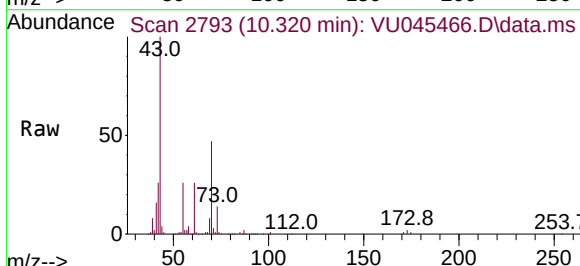
Ion Ratio Lower Upper

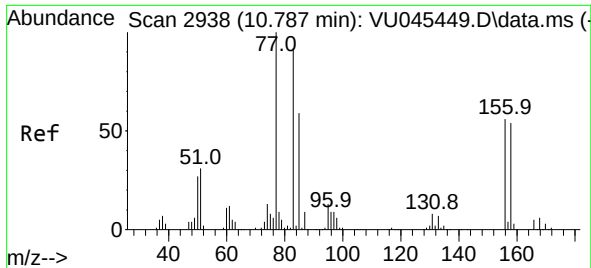
43 100

70 46.7 36.9 55.3

55 26.5 20.6 31.0

61 26.1 20.5 30.7

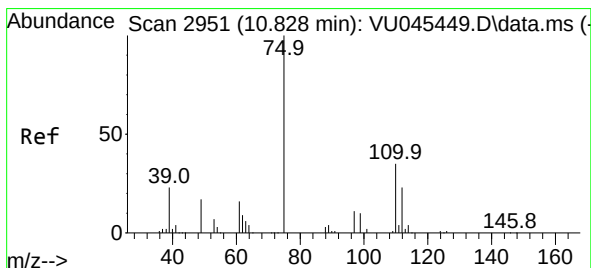
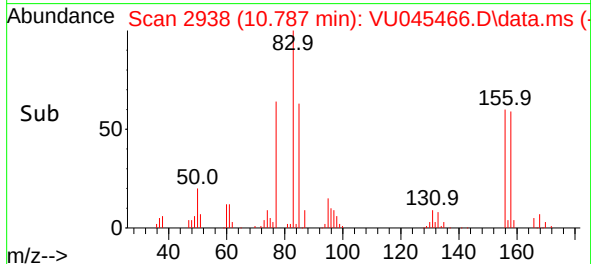
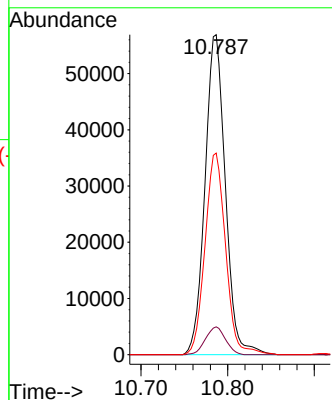
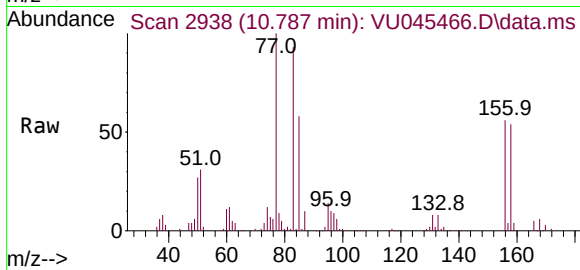




#75
1,1,2,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

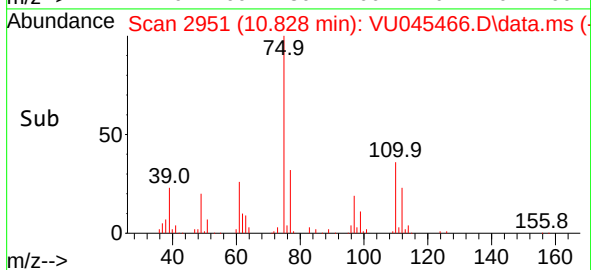
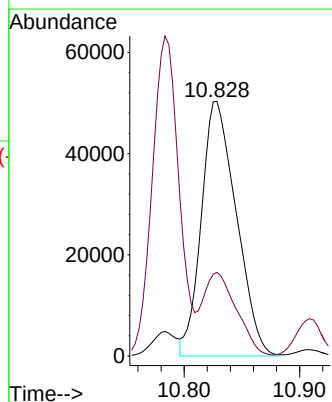
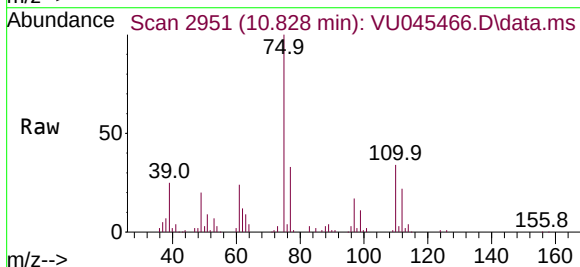
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

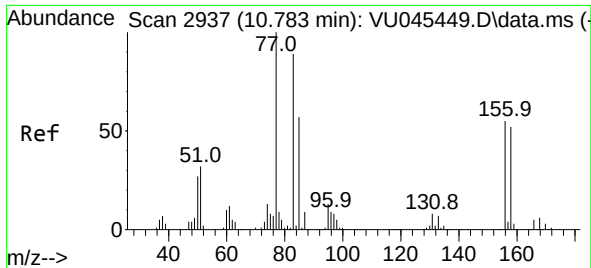
Tgt Ion: 83 Resp: 92886
Ion Ratio Lower Upper
83 100
131 8.6 4.4 13.2
85 63.8 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 23.271 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 75 Resp: 105858
Ion Ratio Lower Upper
75 100
77 30.1 17.1 51.3

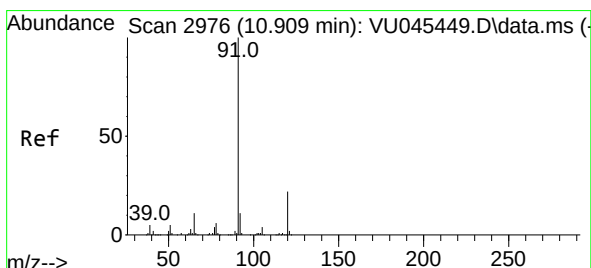
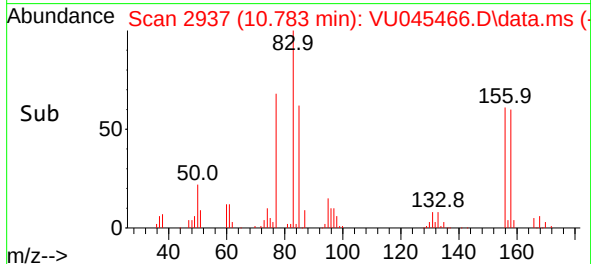
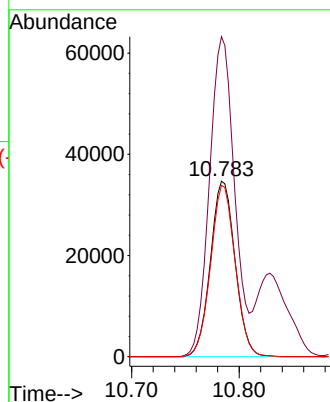
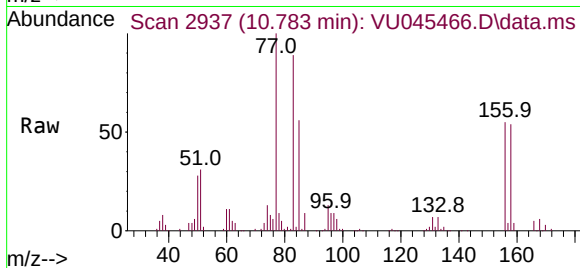




#77
Bromobenzene
Concen: 20.567 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

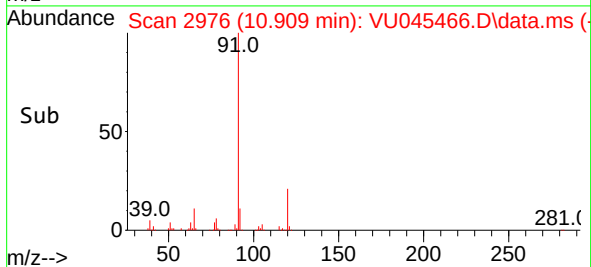
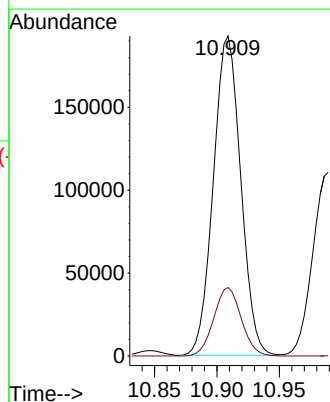
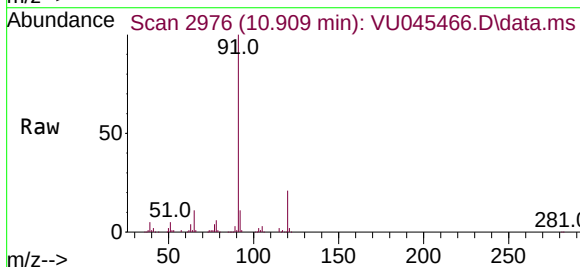
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

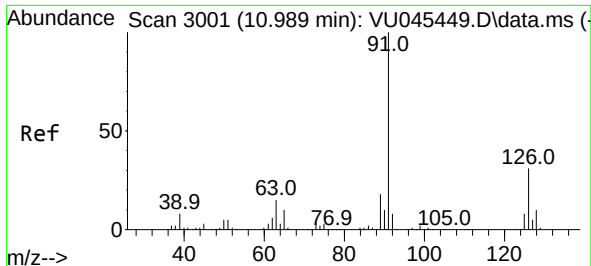
Tgt Ion:156 Resp: 55246
Ion Ratio Lower Upper
156 100
77 184.4 91.1 273.4
158 97.4 47.9 143.6



#78
n-propylbenzene
Concen: 21.096 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 91 Resp: 294443
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





#79

2-Chlorotoluene

Concen: 20.955 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

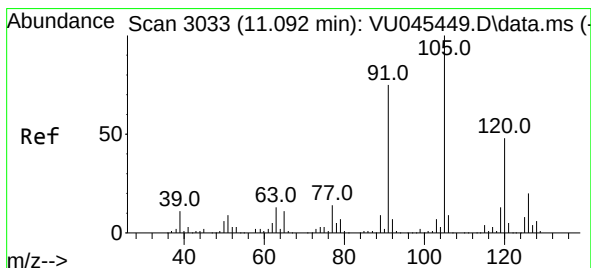
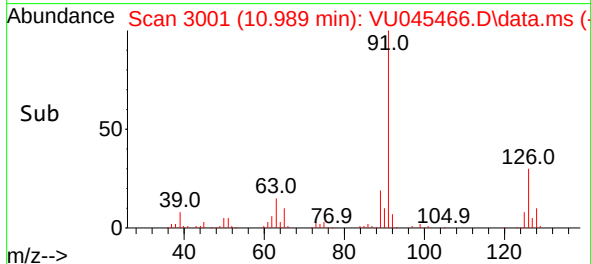
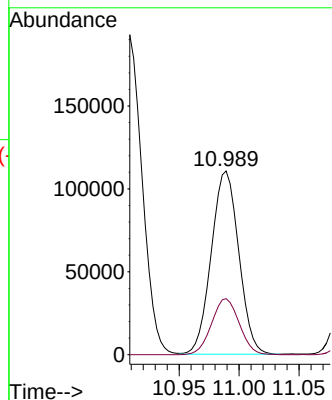
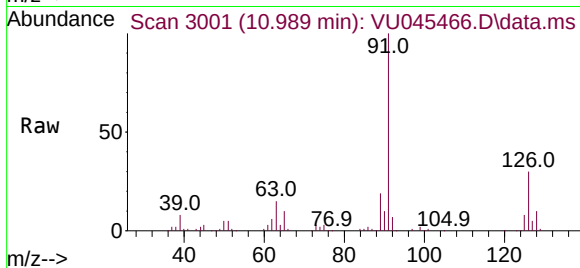
VU1029WBSD01

Tgt Ion: 91 Resp: 176045

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 21.122 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU045466.D

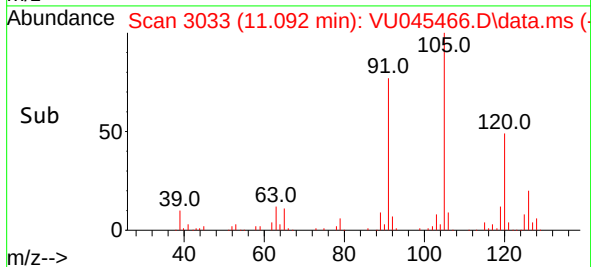
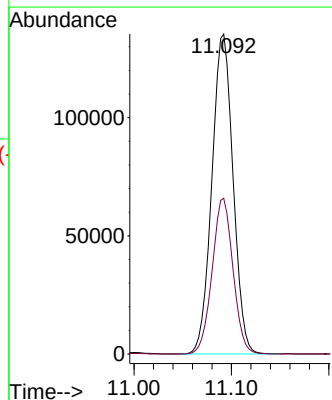
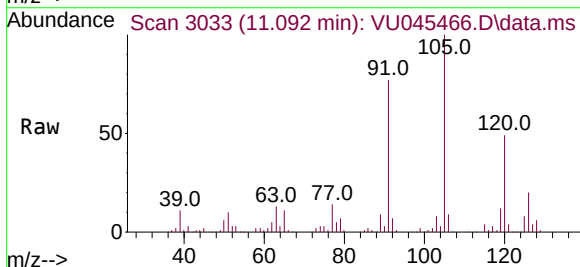
Acq: 29 Oct 2021 16:07

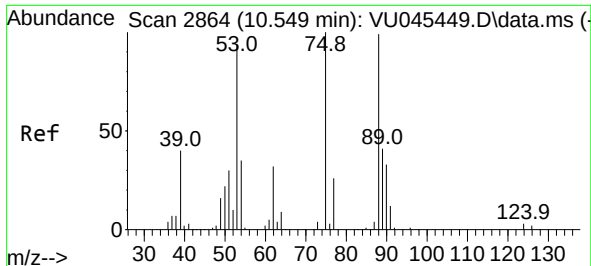
Tgt Ion: 105 Resp: 204611

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.8

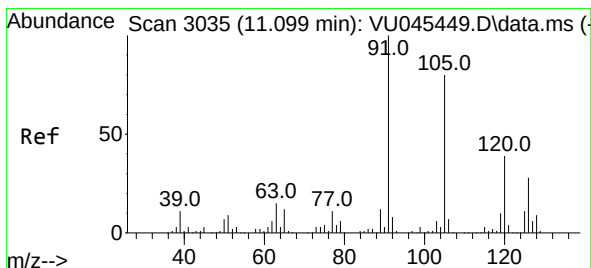
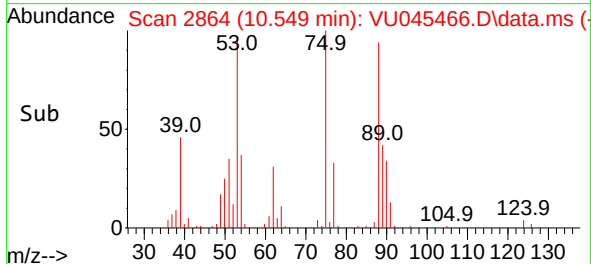
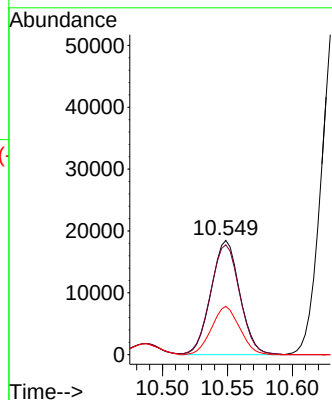
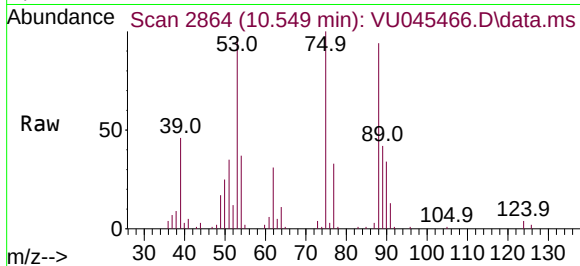




#81
trans-1,4-Dichloro-2-butene
Concen: 19.211 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

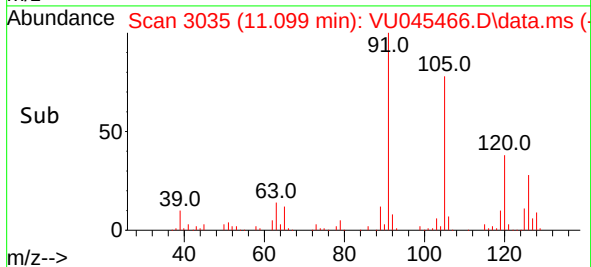
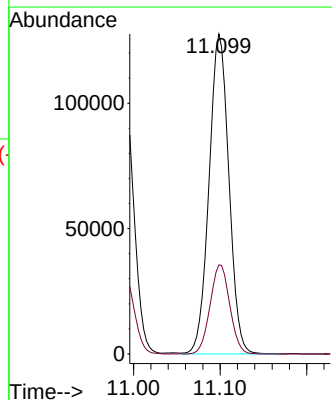
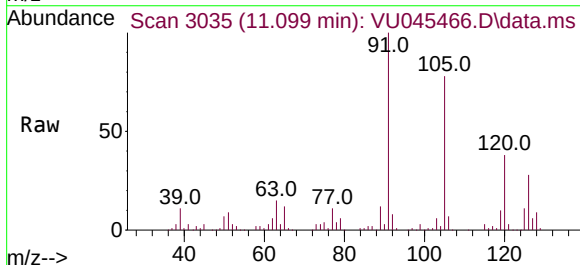
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

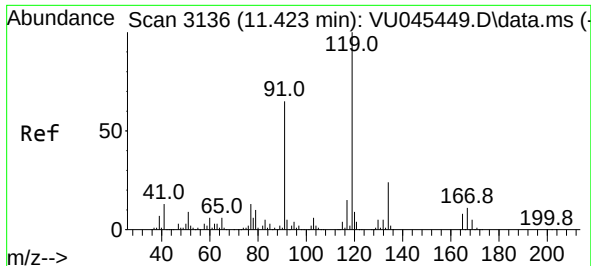
Tgt Ion: 75 Resp: 28390
Ion Ratio Lower Upper
75 100
53 98.5 76.2 114.4
89 41.2 34.0 51.0



#82
4-Chlorotoluene
Concen: 21.250 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion: 91 Resp: 203007
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

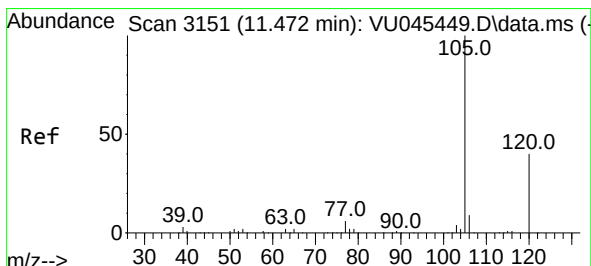
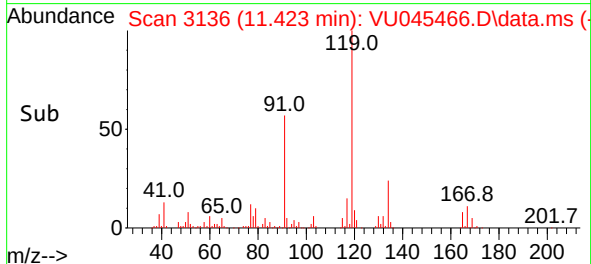
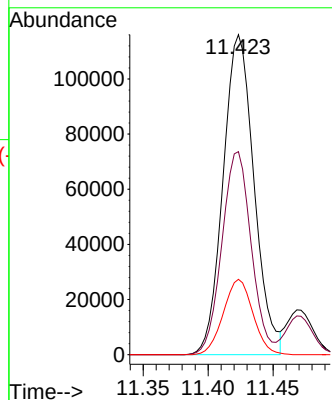
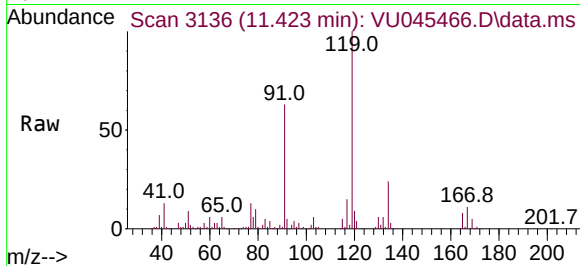




#83
tert-Butylbenzene
Concen: 20.596 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

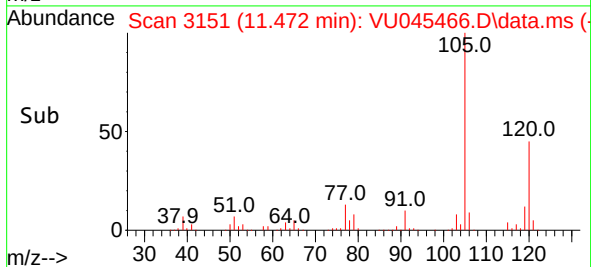
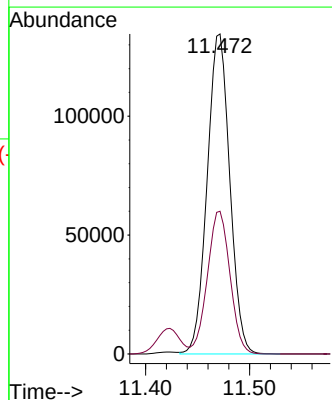
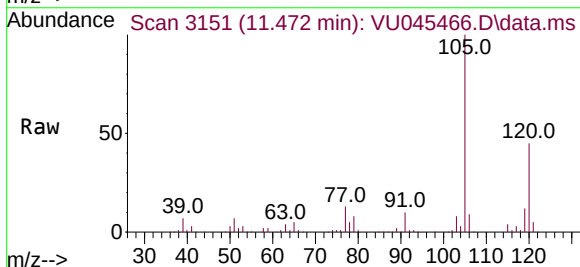
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

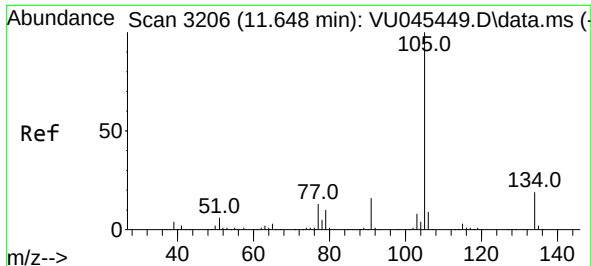
Tgt Ion:119 Resp: 192584
Ion Ratio Lower Upper
119 100
91 60.2 30.5 91.5
134 22.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.965 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:105 Resp: 203490
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6

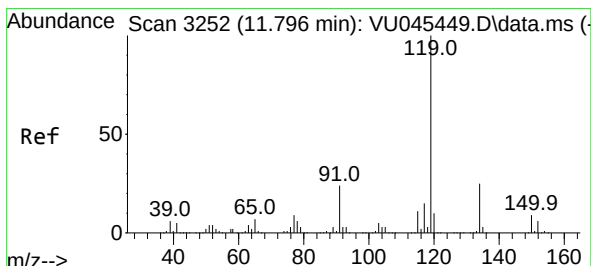
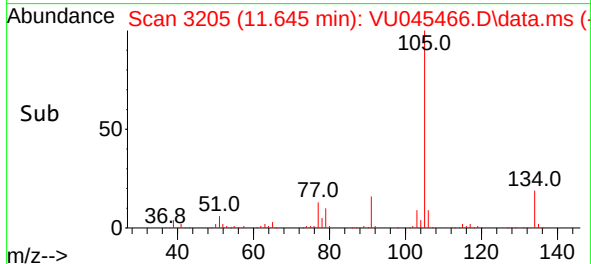
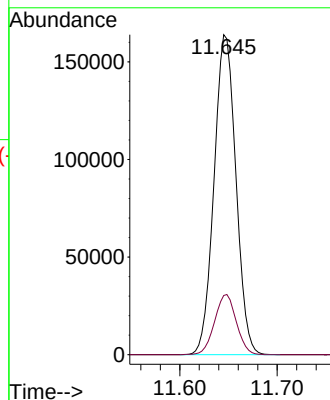
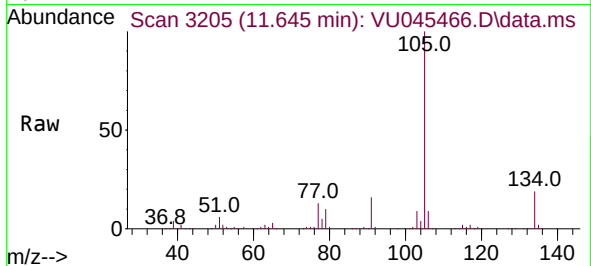




#85
 sec-Butylbenzene
 Concen: 20.841 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

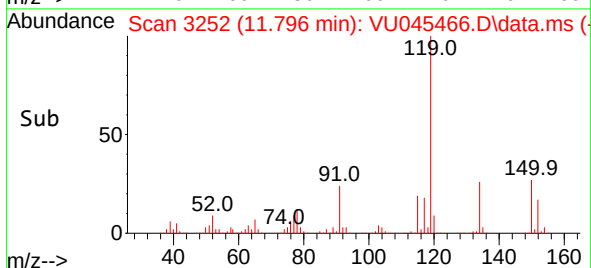
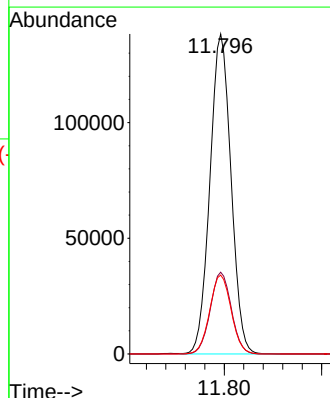
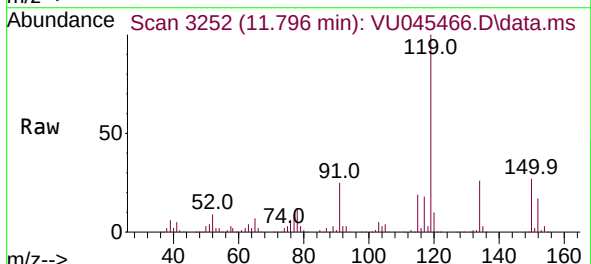
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

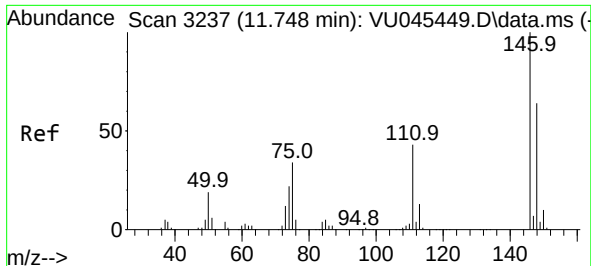
Tgt Ion:105 Resp: 255738
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 19.229 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

Tgt Ion:119 Resp: 207770
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 25.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.070 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

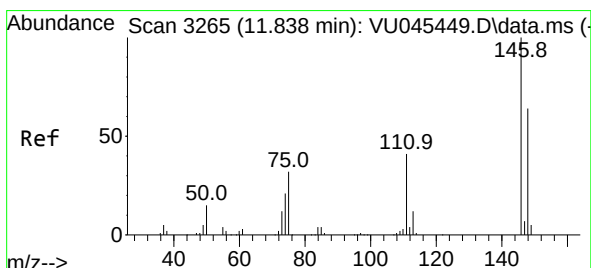
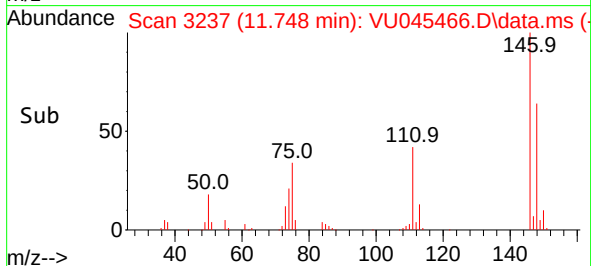
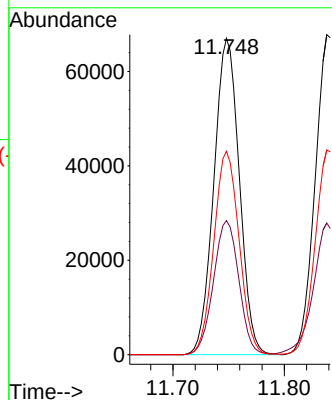
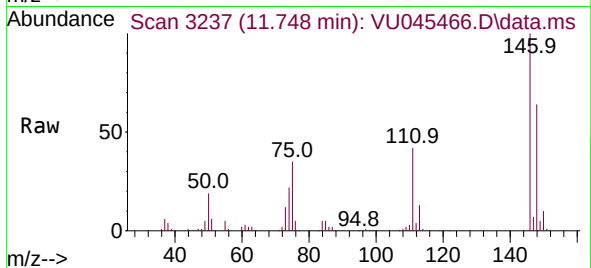
Tgt Ion:146 Resp: 106415

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.684 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

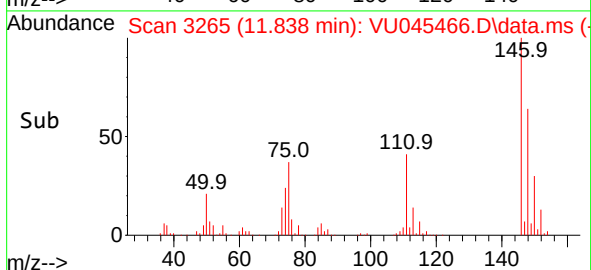
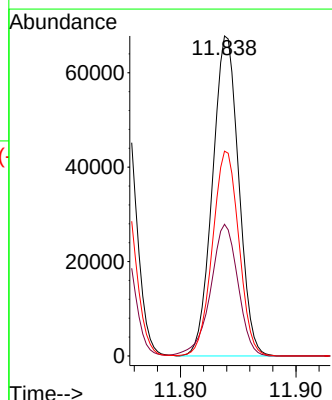
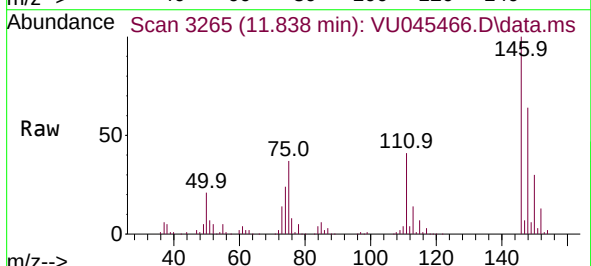
Tgt Ion:146 Resp: 106727

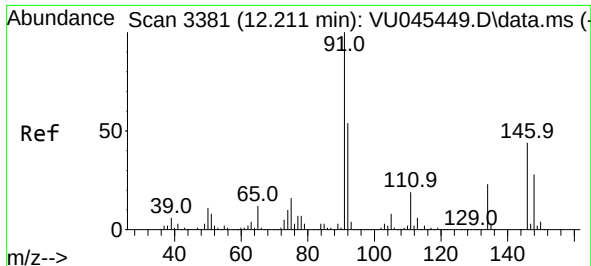
Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.9

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 19.149 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045466.D

Acq: 29 Oct 2021 16:07

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBSD01

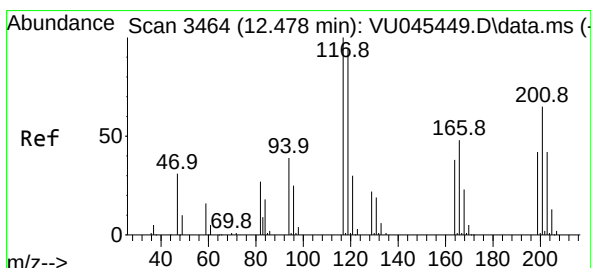
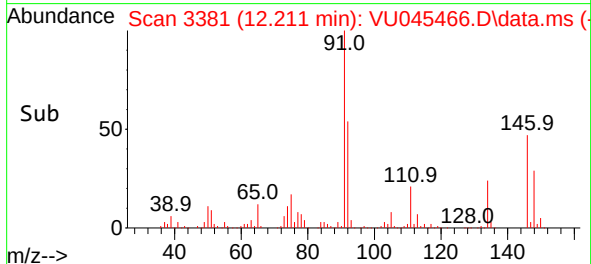
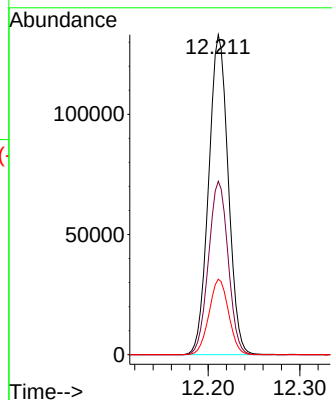
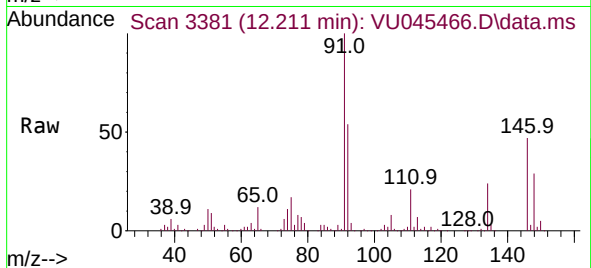
Tgt Ion: 91 Resp: 197457

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

134 23.6 11.8 35.4



#90

Hexachloroethane

Concen: 19.441 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU045466.D

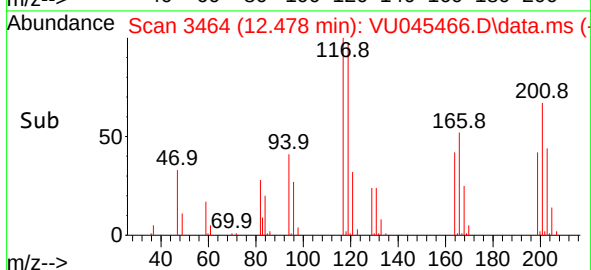
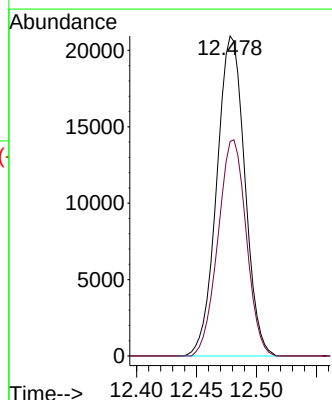
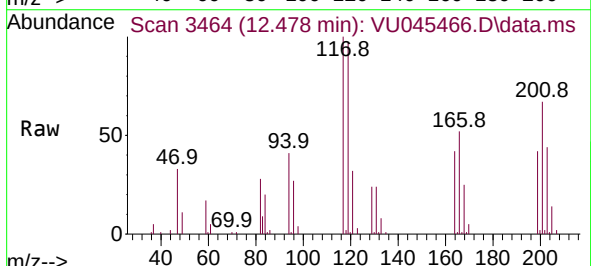
Acq: 29 Oct 2021 16:07

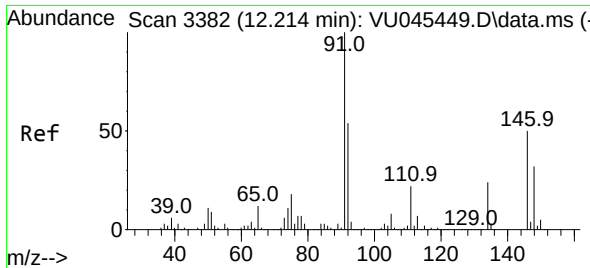
Tgt Ion: 117 Resp: 34050

Ion Ratio Lower Upper

117 100

201 68.1 33.8 101.4

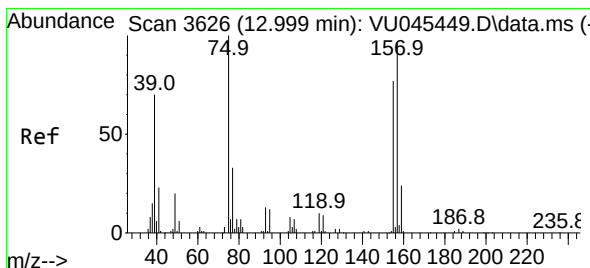
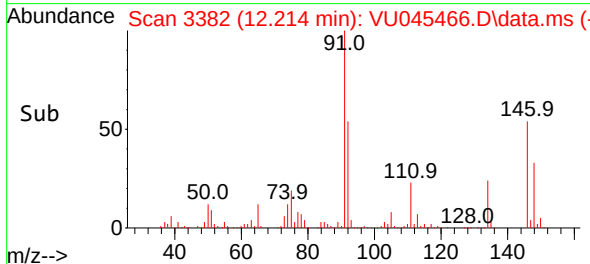
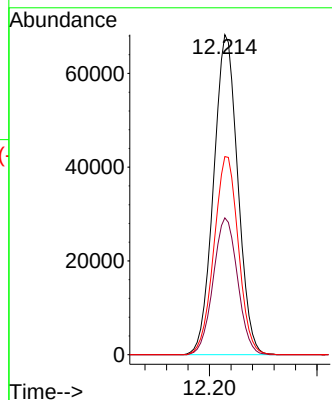
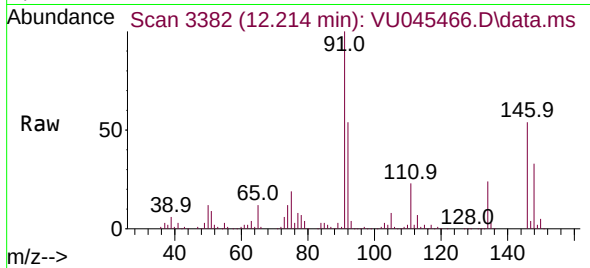




#91
 1,2-Dichlorobenzene
 Concen: 20.084 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

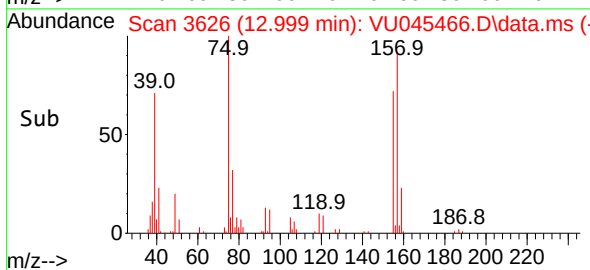
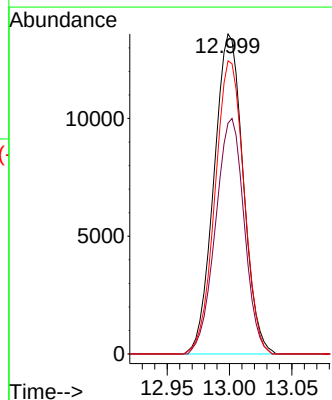
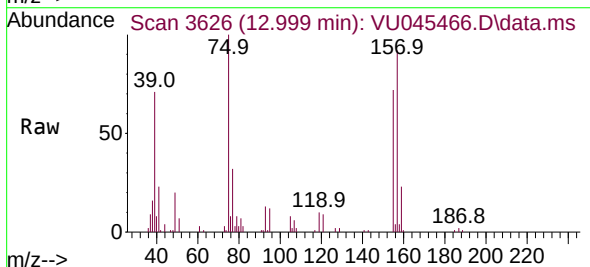
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBSD01

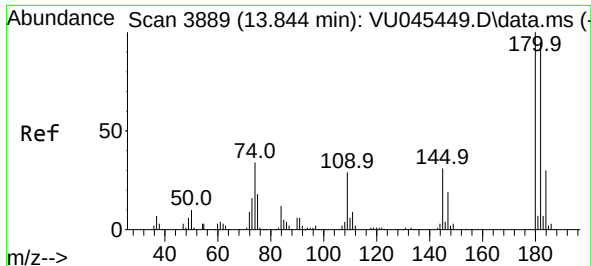
Tgt Ion:146 Resp: 106512
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.9 65.5
 148 62.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.230 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU045466.D
 Acq: 29 Oct 2021 16:07

Tgt Ion: 75 Resp: 22201
 Ion Ratio Lower Upper
 75 100
 155 72.1 37.8 113.3
 157 90.5 48.4 145.2

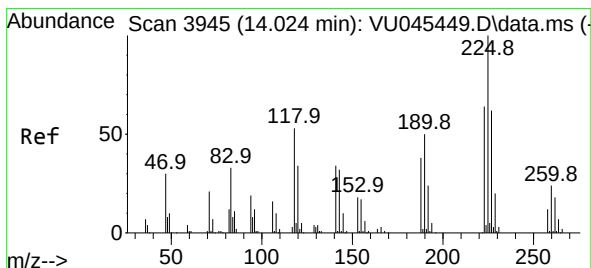
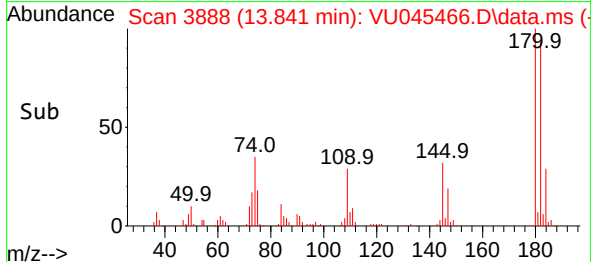
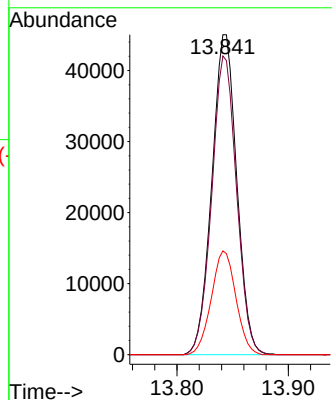
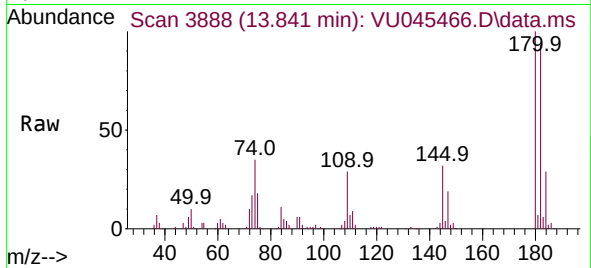




#93
1,2,4-Trichlorobenzene
Concen: 19.714 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

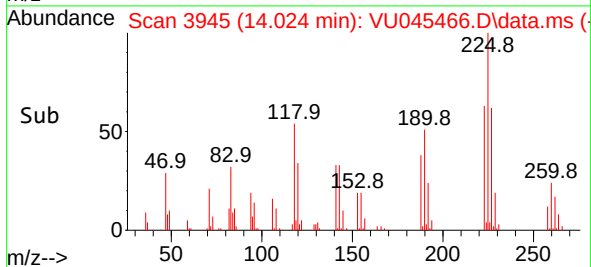
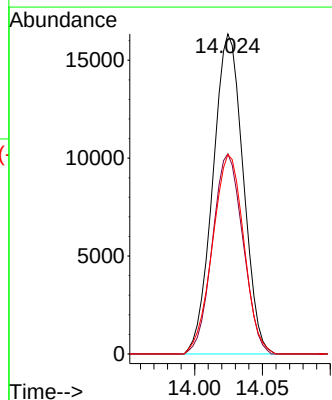
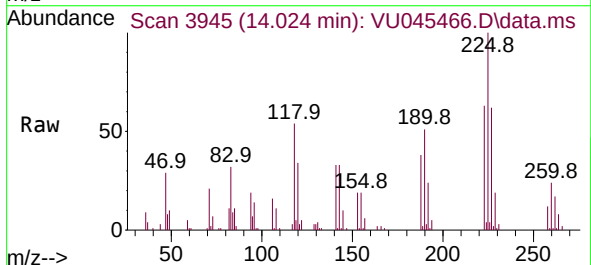
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

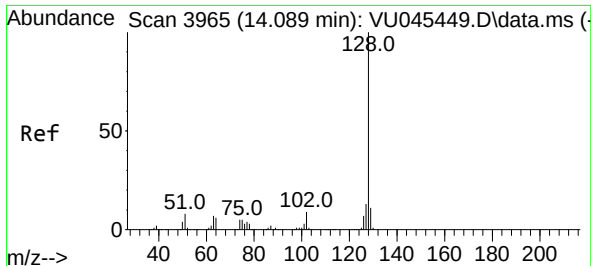
Tgt Ion:180 Resp: 70013
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.2
145 32.0 15.6 46.7



#94
Hexachlorobutadiene
Concen: 19.633 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:225 Resp: 25387
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 64.3 31.1 93.5

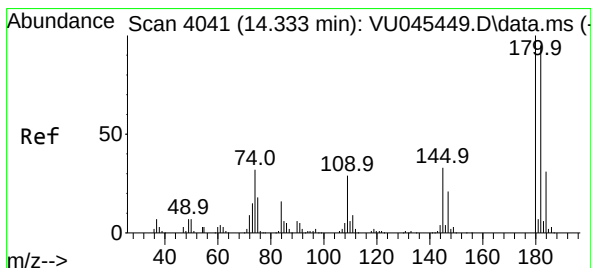
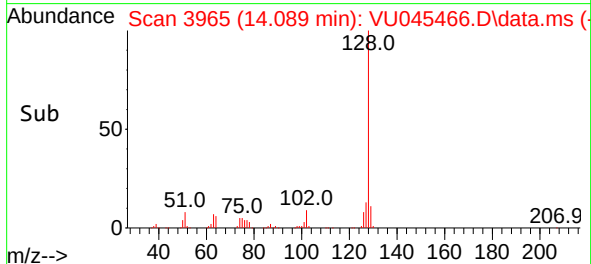
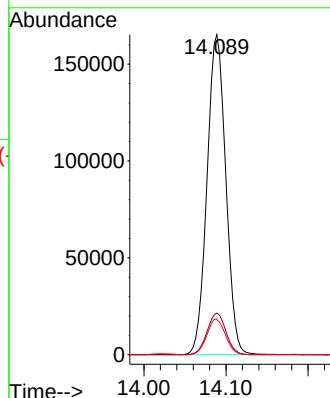
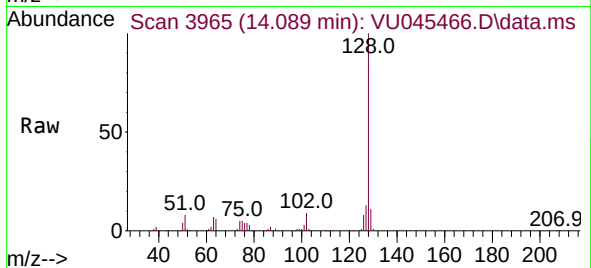




#95
Naphthalene
Concen: 18.751 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Instrument :
MSVOA_U
ClientSampleId :
VU1029WBSD01

Tgt Ion:128 Resp: 262401
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.937 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045466.D
Acq: 29 Oct 2021 16:07

Tgt Ion:180 Resp: 71369
Ion Ratio Lower Upper
180 100
182 94.6 47.7 143.1
145 33.6 16.7 50.0

