

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049416.D
 Acq On : 27 Jun 2022 20:16
 Operator : SY/MD
 Sample : VU0627MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS01

Quant Time: Jun 28 05:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	205378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	392210	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	365604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	171982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	172656	54.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.180%	
35) Dibromofluoromethane	5.289	113	134946	49.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.360%	
50) Toluene-d8	7.896	98	476758	48.713	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	10.632	95	186503	49.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.500%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.382	85	47281	14.326	ug/l	100
3) Chloromethane	1.520	50	69003	16.564	ug/l	100
4) Vinyl Chloride	1.604	62	56792	17.092	ug/l	100
5) Bromomethane	1.842	94	25226	24.416	ug/l	100
6) Chloroethane	1.922	64	34728	23.704	ug/l	99
7) Trichlorofluoromethane	2.131	101	66549	15.716	ug/l	98
8) Diethyl Ether	2.375	74	33232	21.725	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	37429	16.428	ug/l	95
10) Methyl Iodide	2.720	142	58856	29.850	ug/l	95
11) Tert butyl alcohol	3.186	59	106309	143.599	ug/l	# 42
12) 1,1-Dichloroethene	2.575	96	41544	18.624	ug/l	92
13) Acrolein	2.485	56	43999	87.761	ug/l	99
14) Allyl chloride	2.919	41	88792	19.696	ug/l	# 89
15) Acrylonitrile	3.311	53	200195	112.436	ug/l	99
16) Acetone	2.626	43	161572	101.295	ug/l	97
17) Carbon Disulfide	2.787	76	116474	16.743	ug/l	99
18) Methyl Acetate	2.948	43	89381	20.700	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	185860	22.402	ug/l	96
20) Methylene Chloride	3.041	84	61434	22.732	ug/l	89
21) trans-1,2-Dichloroethene	3.350	96	47242	19.646	ug/l	92
22) Diisopropyl ether	3.993	45	184116	21.390	ug/l	# 77
23) Vinyl Acetate	3.954	43	827167	109.641	ug/l	95
24) 1,1-Dichloroethane	3.867	63	99920	20.209	ug/l	98
25) 2-Butanone	4.703	43	270851	113.307	ug/l	96
26) 2,2-Dichloropropane	4.665	77	71438	17.360	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	60825	21.893	ug/l	94
28) Bromochloromethane	4.973	49	46187	21.372	ug/l	# 78
29) Tetrahydrofuran	5.051	42	181553	110.713	ug/l	90
30) Chloroform	5.089	83	99350	20.314	ug/l	96
31) Cyclohexane	5.385	56	78004	16.424	ug/l	92
32) 1,1,1-Trichloroethane	5.317	97	80175	18.893	ug/l	100
36) 1,1-Dichloropropene	5.526	75	64325	16.167	ug/l	98
37) Ethyl Acetate	4.803	43	105052	19.322	ug/l	# 93
38) Carbon Tetrachloride	5.523	117	64891	15.551	ug/l	96
39) Methylcyclohexane	6.761	83	67204	14.092	ug/l	90
40) Benzene	5.774	78	222862	18.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	54357	19.953	ug/l	89
42) 1,2-Dichloroethane	5.793	62	84584	18.919	ug/l	99
43) Isopropyl Acetate	5.912	43	156782	19.680	ug/l	97
44) Trichloroethene	6.543	130	49561	17.356	ug/l	91
45) 1,2-Dichloropropane	6.790	63	61941	18.609	ug/l	99
46) Dibromomethane	6.919	93	42322	19.071	ug/l	90
47) Bromodichloromethane	7.105	83	78647	18.413	ug/l	98
48) Methyl methacrylate	6.961	41	73468	19.679	ug/l	89
49) 1,4-Dioxane	6.970	88	38566	403.206	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	526582	98.766	ug/l	96
52) Toluene	7.967	92	134932	18.899	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	86867	18.960	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	94759	19.370	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	59039	20.000	ug/l	96
56) Ethyl methacrylate	8.333	69	101881	20.635	ug/l	93
57) 1,3-Dichloropropane	8.575	76	103880	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	77166	202.807	ug/l	95
59) 2-Hexanone	8.684	43	408242	97.369	ug/l	97
60) Dibromochloromethane	8.809	129	58393	19.022	ug/l	99
61) 1,2-Dibromoethane	8.922	107	64558	20.068	ug/l	99
64) Tetrachloroethene	8.552	164	36906	15.738	ug/l	90
65) Chlorobenzene	9.446	112	139164	18.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	52552	18.638	ug/l	98
67) Ethyl Benzene	9.568	91	254408	18.541	ug/l	96
68) m/p-Xylenes	9.694	106	186921	36.817	ug/l	89
69) o-Xylene	10.099	106	96568	19.159	ug/l	88
70) Styrene	10.112	104	158637	19.588	ug/l	97
71) Bromoform	10.292	173	43596	18.028	ug/l #	100
73) Isopropylbenzene	10.484	105	234780	19.164	ug/l	97
74) N-amyl acetate	10.320	43	134947	20.812	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	105863	20.399	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	119328	20.468	ug/l	100
77) Bromobenzene	10.780	156	61053	20.416	ug/l	86
78) n-propylbenzene	10.906	91	274444	18.435	ug/l	97
79) 2-Chlorotoluene	10.986	91	176275	19.219	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	204090	19.082	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	30293	19.188	ug/l	91
82) 4-Chlorotoluene	11.095	91	196731	19.072	ug/l	93
83) tert-Butylbenzene	11.420	119	197579	18.781	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	210552	20.038	ug/l	94
85) sec-Butylbenzene	11.642	105	231614	17.511	ug/l	96
86) p-Isopropyltoluene	11.793	119	192197	17.969	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	107716	18.841	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	106085	18.461	ug/l	96
89) n-Butylbenzene	12.208	91	168849	17.053	ug/l	98
90) Hexachloroethane	12.475	117	34375	16.135	ug/l	82
91) 1,2-Dichlorobenzene	12.211	146	112179	19.528	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29114	21.878	ug/l	80
93) 1,2,4-Trichlorobenzene	13.838	180	74248	20.338	ug/l	97
94) Hexachlorobutadiene	14.021	225	24971	14.013	ug/l	99
95) Naphthalene	14.086	128	319048	24.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	80015	20.891	ug/l	96

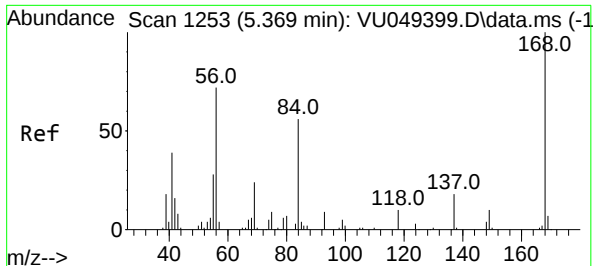
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QLast Update : Tue Jun 28 05:14:22 2022
Response via : Initial Calibration

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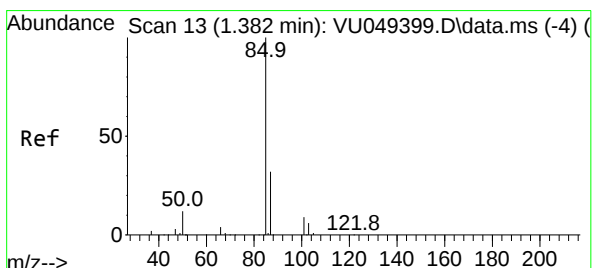
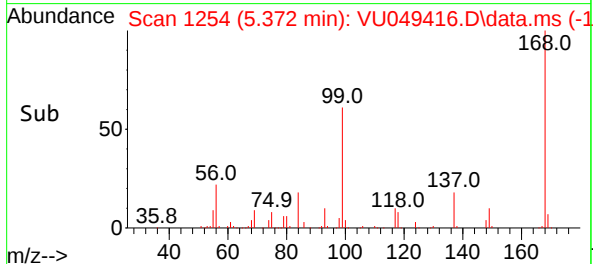
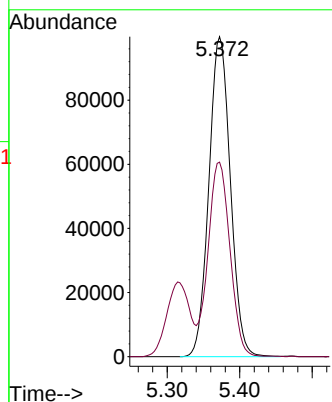
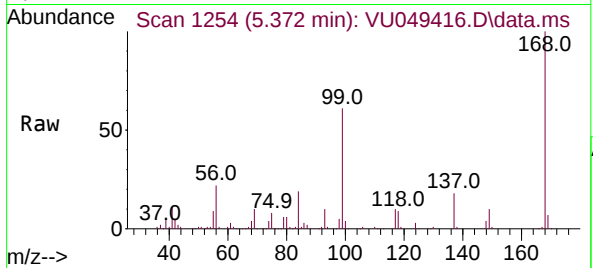
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

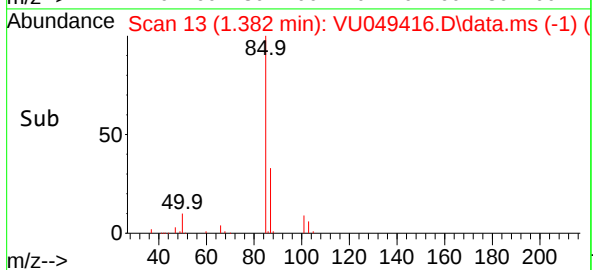
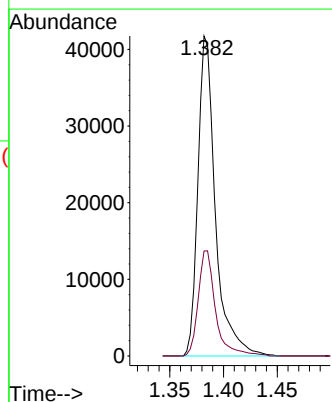
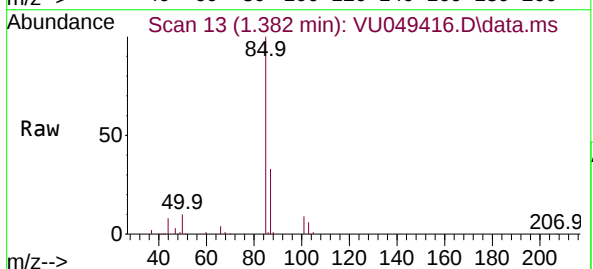
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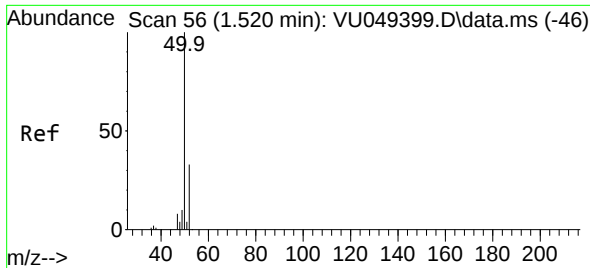
Tgt Ion:168 Resp: 205378
Ion Ratio Lower Upper
168 100
99 60.7 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 14.326 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 85 Resp: 47281
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2

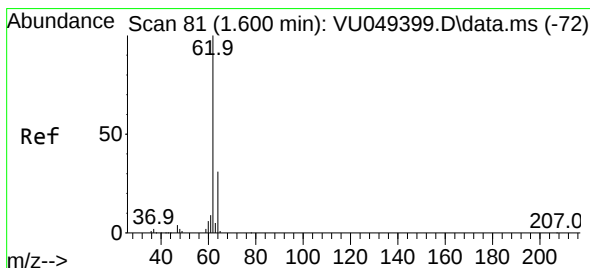
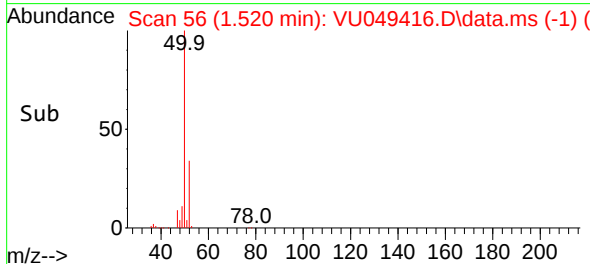
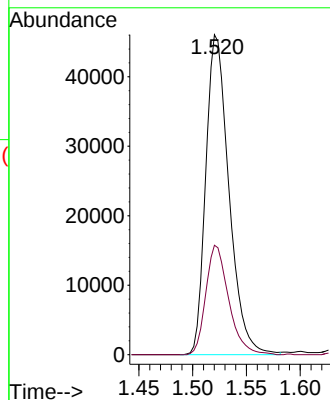
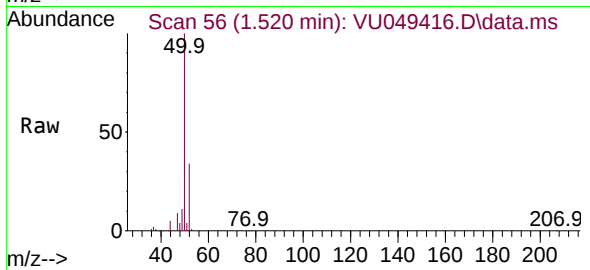




#3
Chloromethane
Concen: 16.564 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

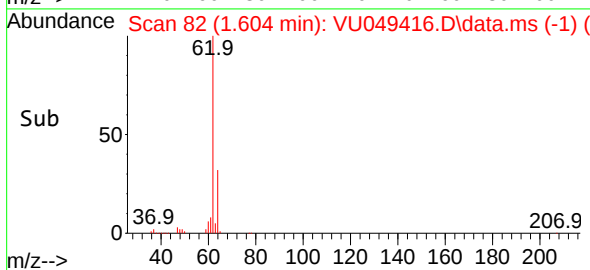
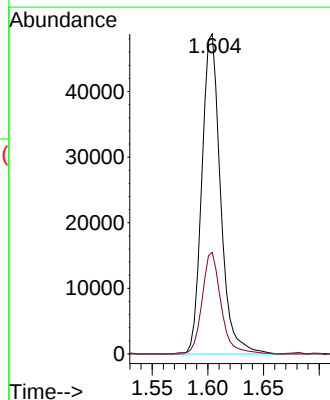
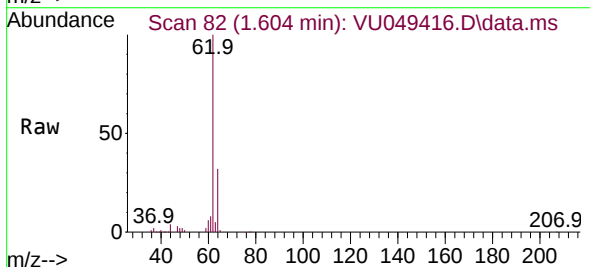
Instrument :
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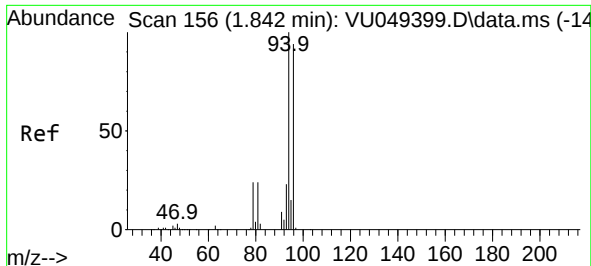
Tgt Ion: 50 Resp: 69003
Ion Ratio Lower Upper
50 100
52 34.2 27.4 41.2



#4
Vinyl Chloride
Concen: 17.092 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 62 Resp: 56792
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

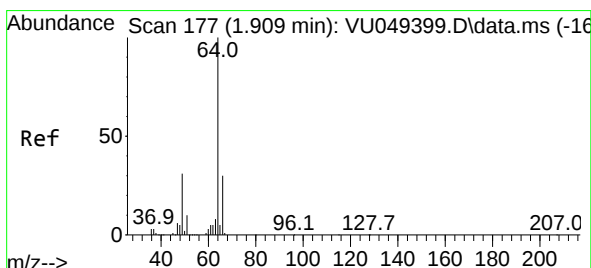
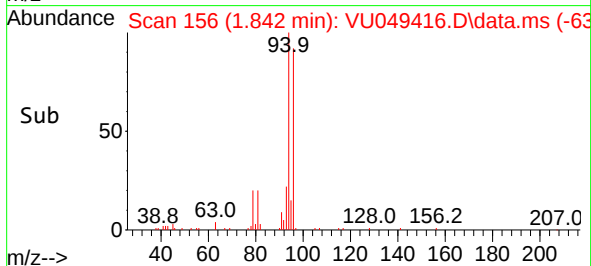
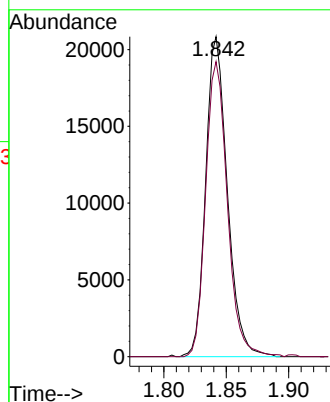
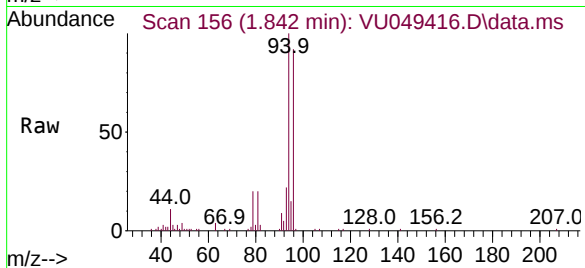




#5
Bromomethane
Concen: 24.416 ug/l
RT: 1.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

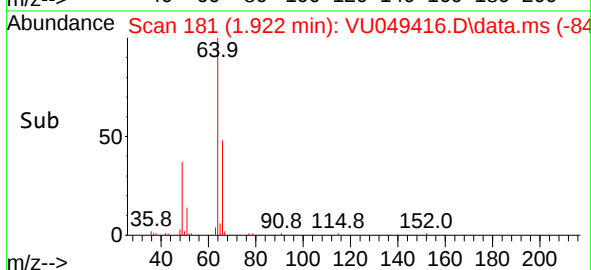
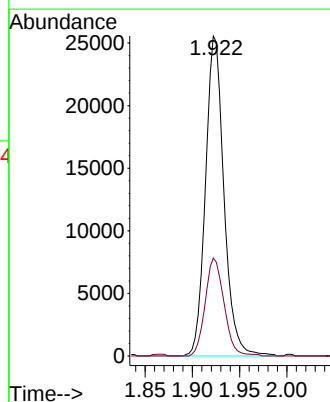
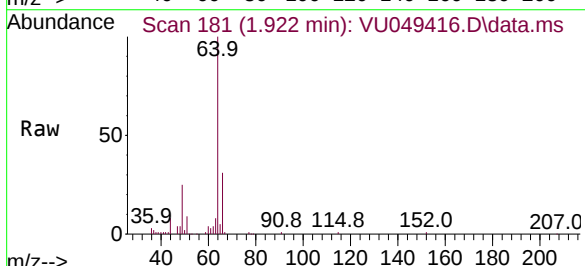
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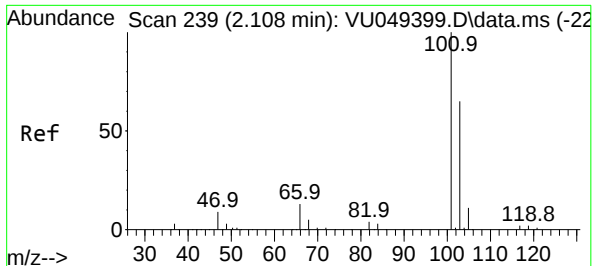
Tgt Ion: 94 Resp: 25226
Ion Ratio Lower Upper
94 100
96 92.2 73.7 110.5



#6
Chloroethane
Concen: 23.704 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 64 Resp: 34728
Ion Ratio Lower Upper
64 100
66 30.6 24.7 37.1

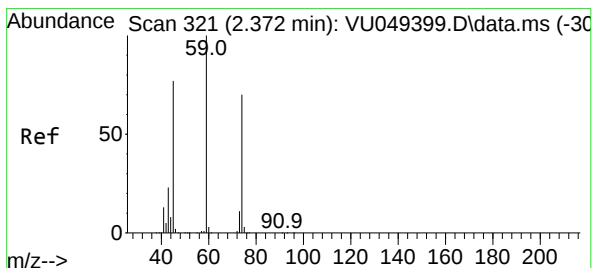
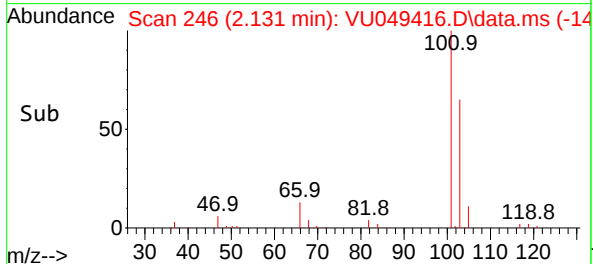
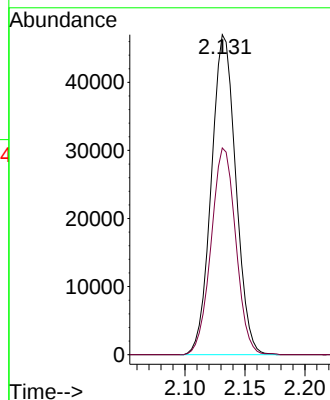
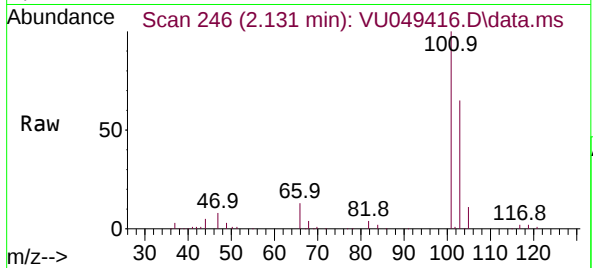




#7
 Trichlorofluoromethane
 Concen: 15.716 ug/l
 RT: 2.131 min Scan# 246
 Delta R.T. 0.023 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

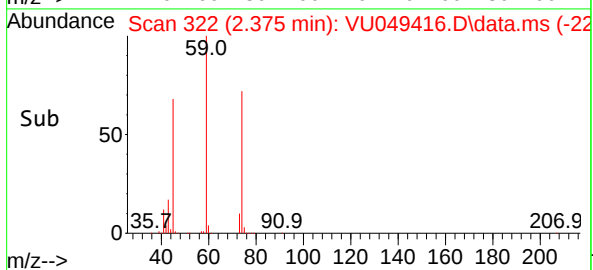
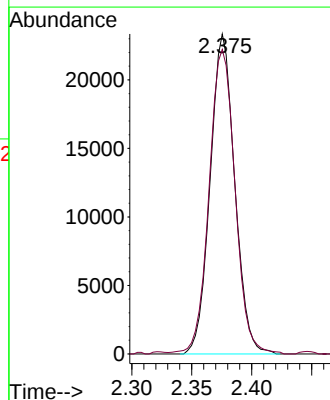
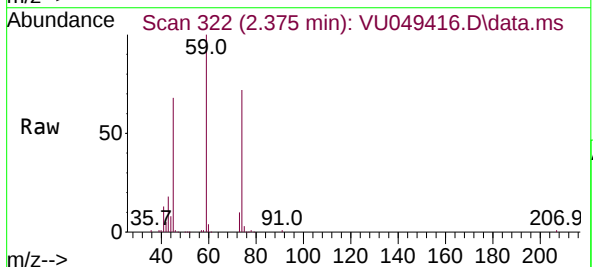
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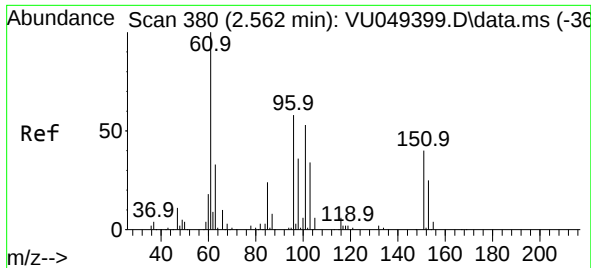
Tgt Ion:101 Resp: 66549
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 21.725 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

Tgt Ion: 74 Resp: 33232
 Ion Ratio Lower Upper
 74 100
 45 100.6 44.4 133.2

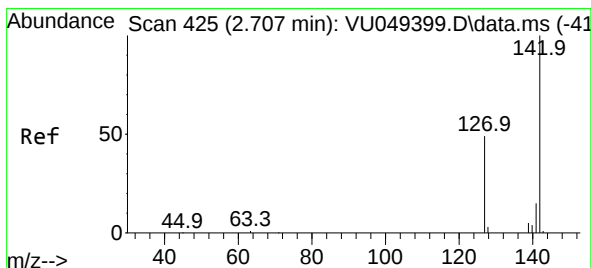
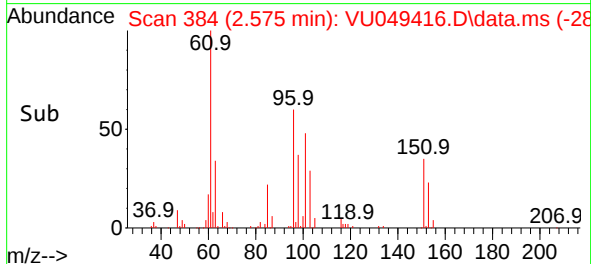
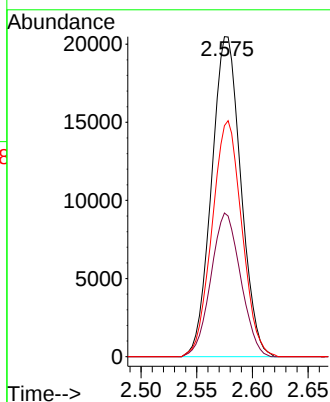
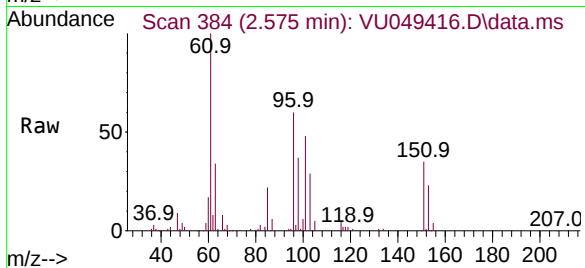




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.428 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

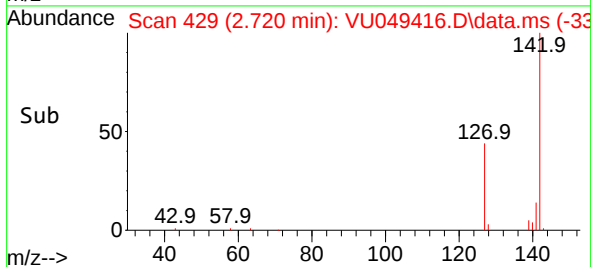
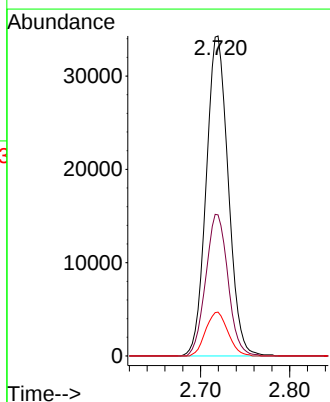
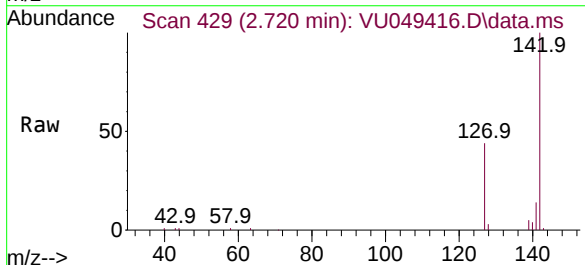
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

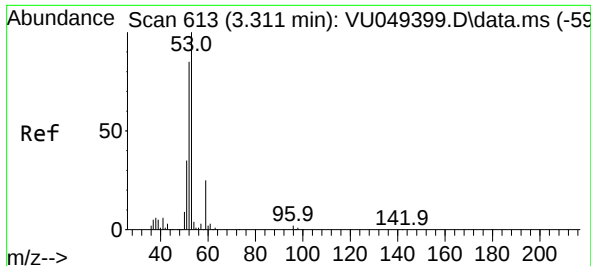
Tgt Ion:101 Resp: 37429
Ion Ratio Lower Upper
101 100
85 45.6 33.9 50.9
151 75.2 64.0 96.0



#10
Methyl Iodide
Concen: 29.850 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:142 Resp: 58856
Ion Ratio Lower Upper
142 100
127 44.7 32.5 48.7
141 13.9 11.4 17.0

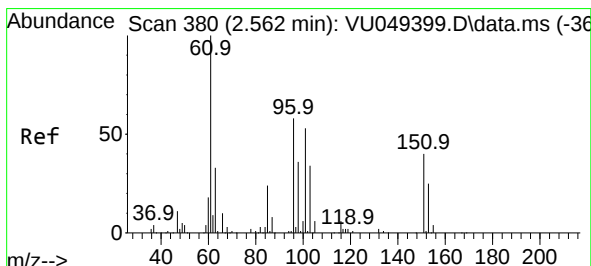
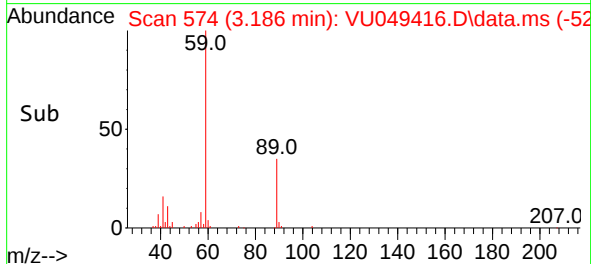
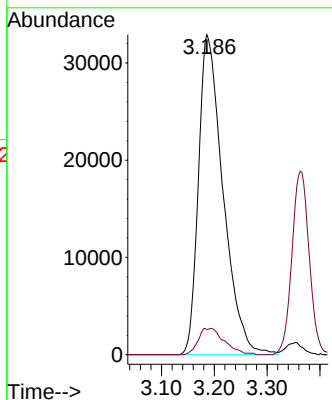
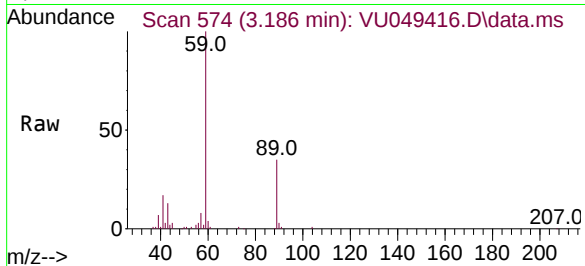




#11
Tert butyl alcohol
Concen: 143.599 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.125 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

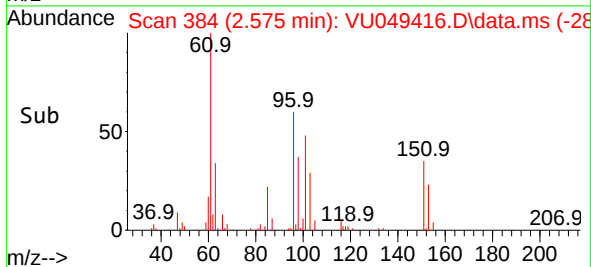
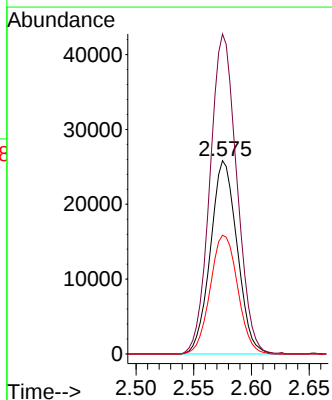
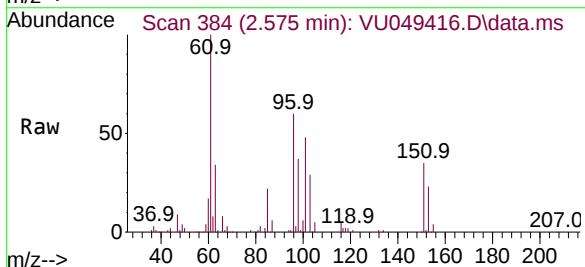
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

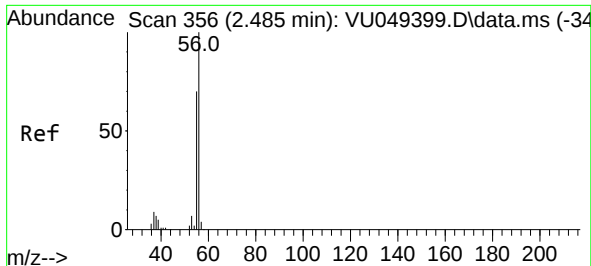
Tgt Ion: 59 Resp: 106309
Ion Ratio Lower Upper
59 100
57 3.2 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 18.624 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

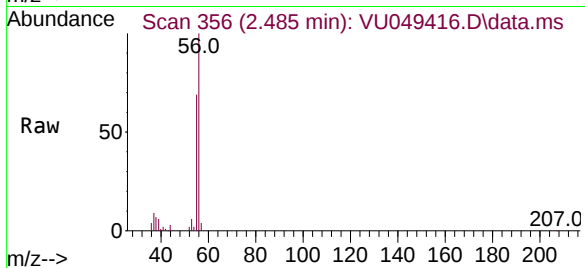
Tgt Ion: 96 Resp: 41544
Ion Ratio Lower Upper
96 100
61 165.6 122.2 183.2
98 61.5 50.7 76.1



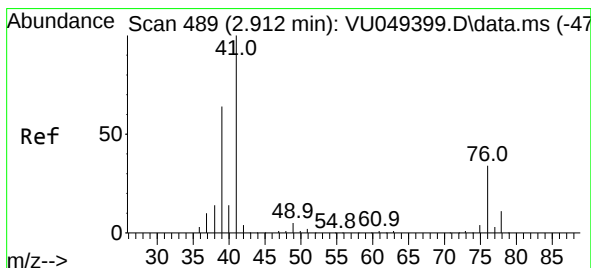
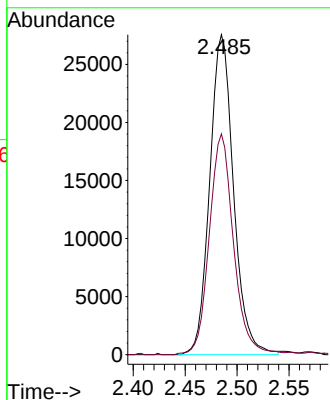
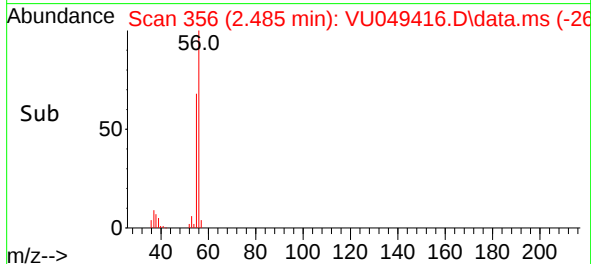


#13
Acrolein
Concen: 87.761 ug/l
RT: 2.485 min Scan# 356
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

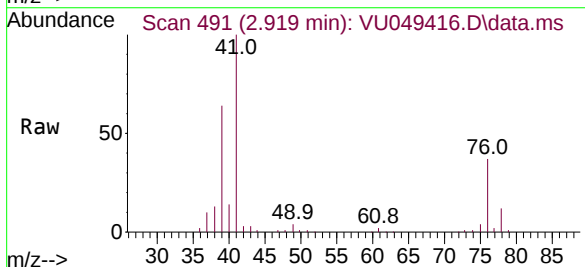
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01



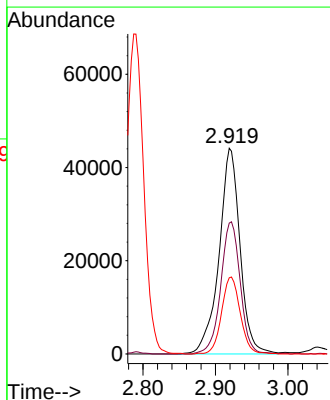
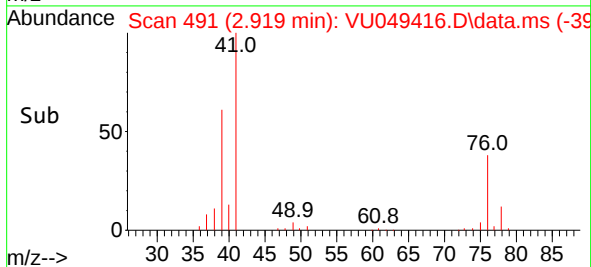
Tgt Ion: 56 Resp: 43999
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

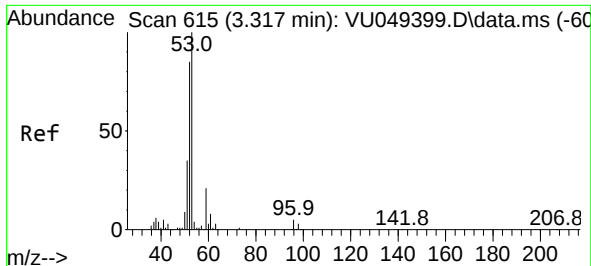


#14
Allyl chloride
Concen: 19.696 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.007 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16



Tgt Ion: 41 Resp: 88792
Ion Ratio Lower Upper
41 100
39 59.6 53.4 80.2
76 33.2 33.8 50.6#

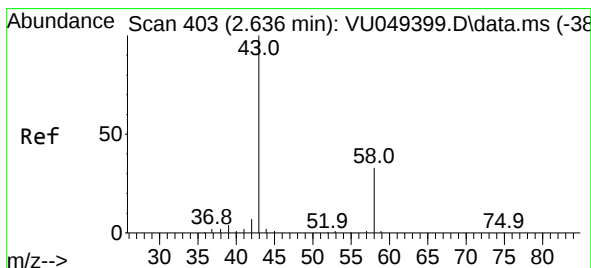
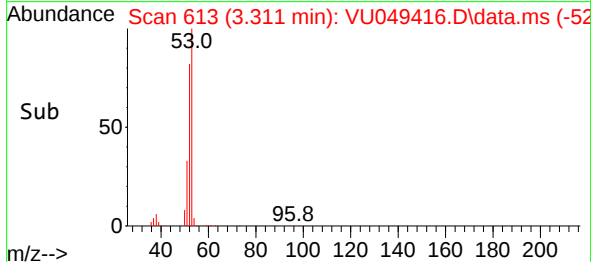
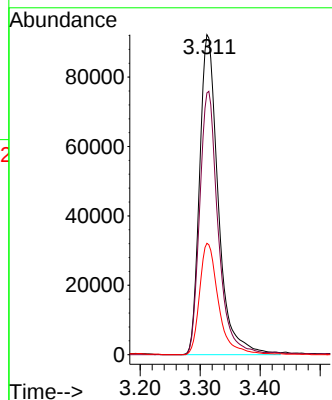
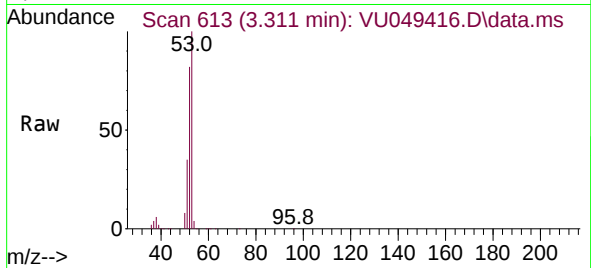




#15
Acrylonitrile
Concen: 112.436 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

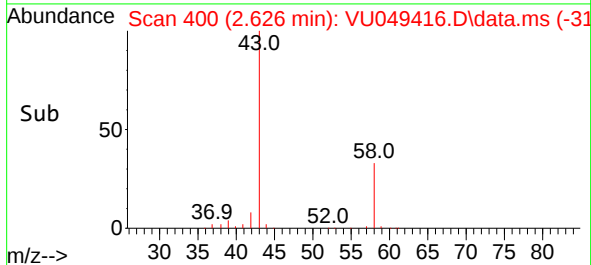
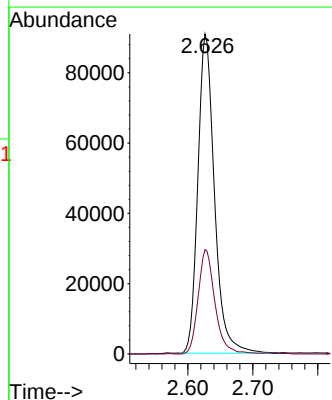
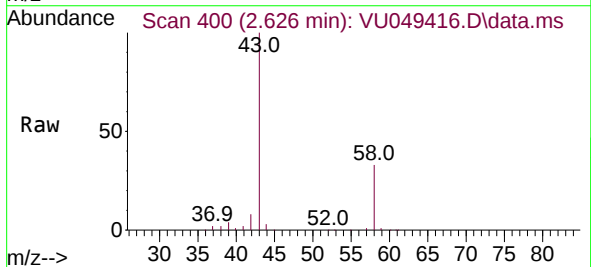
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

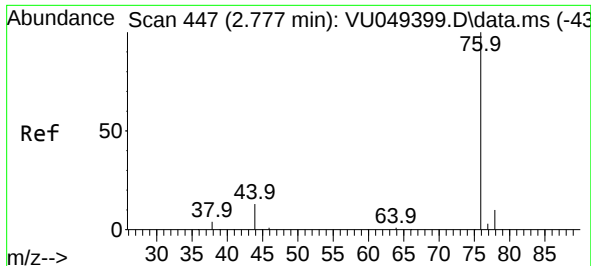
Tgt Ion: 53 Resp: 200195
Ion Ratio Lower Upper
53 100
52 81.1 65.7 98.5
51 35.3 28.2 42.4



#16
Acetone
Concen: 101.295 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.009 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 43 Resp: 161572
Ion Ratio Lower Upper
43 100
58 32.7 27.5 41.3

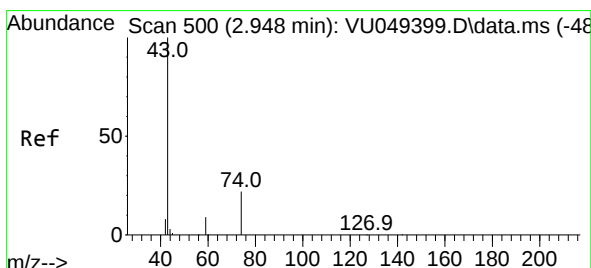
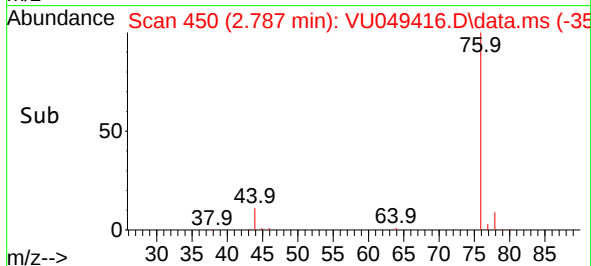
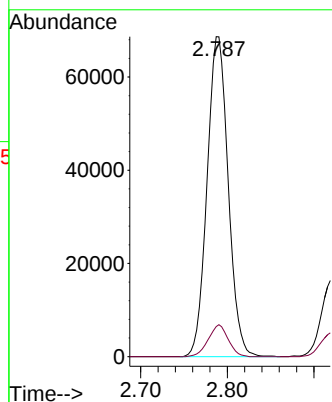
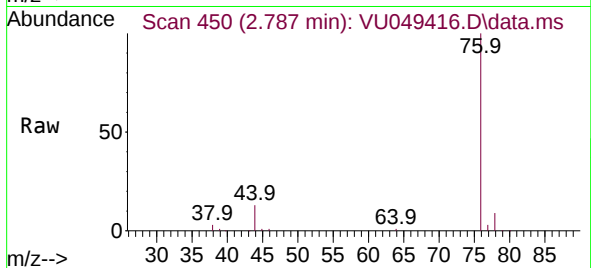




#17
Carbon Disulfide
Concen: 16.743 ug/l
RT: 2.787 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

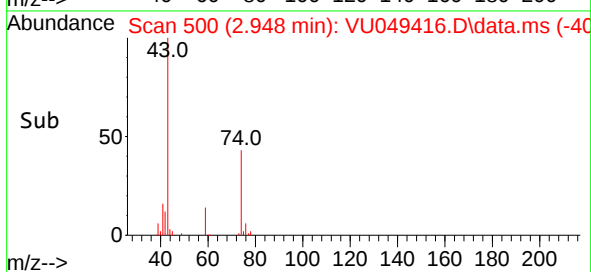
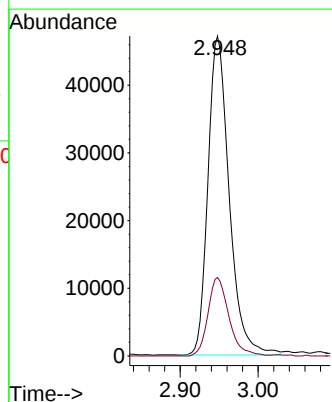
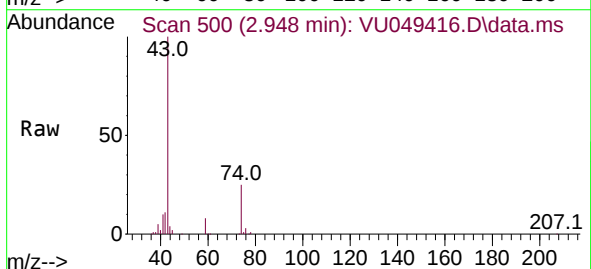
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

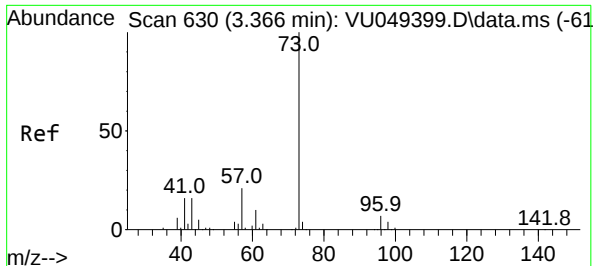
Tgt Ion: 76 Resp: 116474
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 20.700 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 43 Resp: 89381
Ion Ratio Lower Upper
43 100
74 24.2 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 22.402 ug/l

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

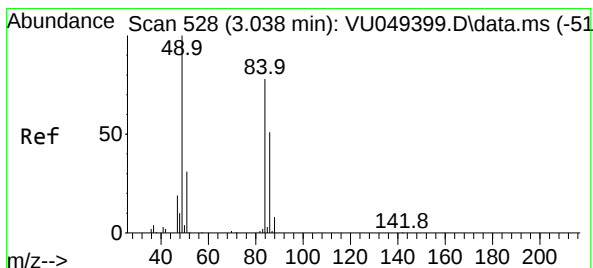
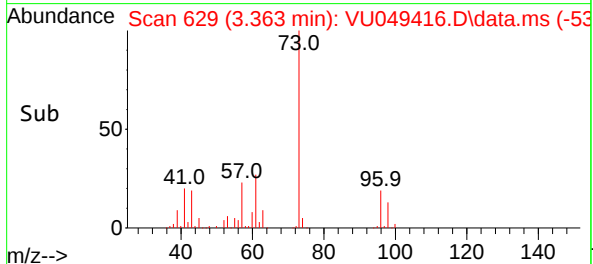
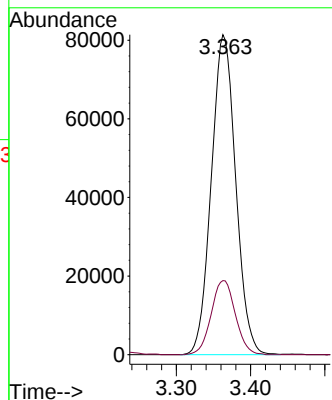
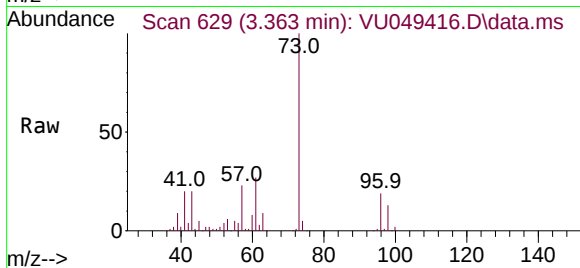
VU0627MBSD01

Tgt Ion: 73 Resp: 185860

Ion Ratio Lower Upper

73 100

57 23.2 17.1 25.7



#20

Methylene Chloride

Concen: 22.732 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Tgt Ion: 84 Resp: 61434

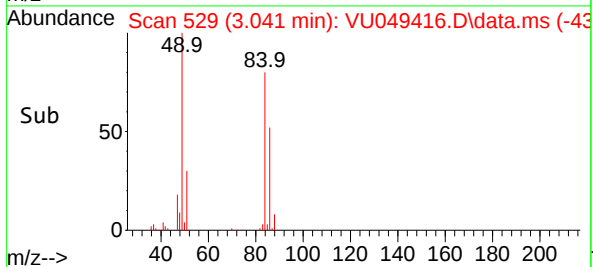
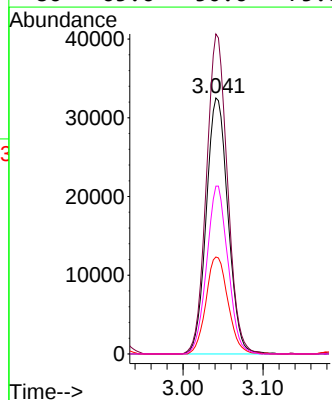
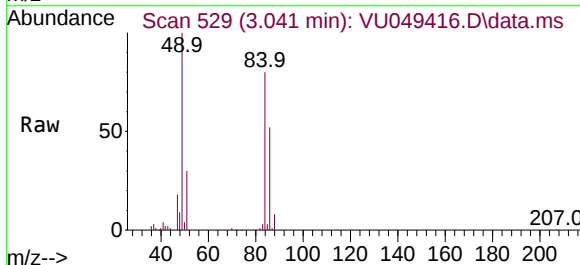
Ion Ratio Lower Upper

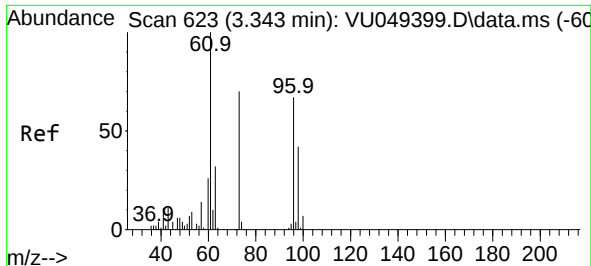
84 100

49 125.0 86.6 129.8

51 37.9 26.6 40.0

86 65.6 50.6 75.8

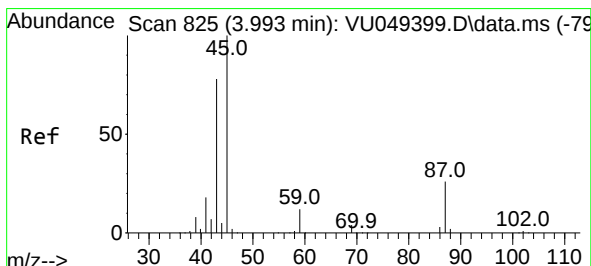
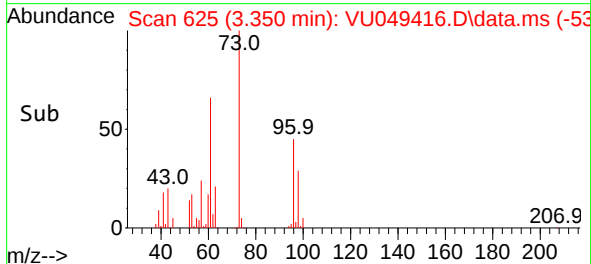
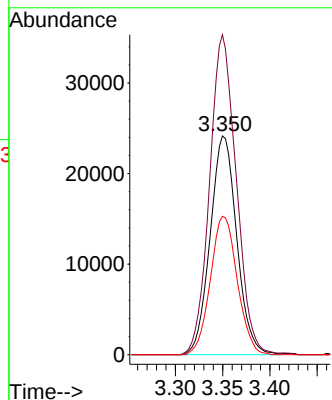
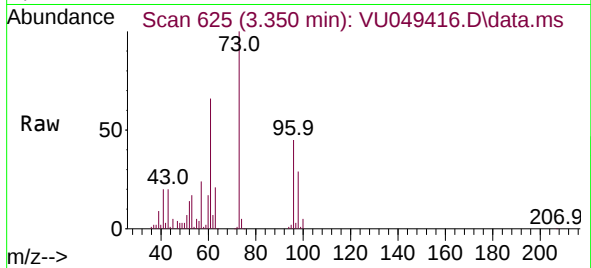




#21
trans-1,2-Dichloroethene
Concen: 19.646 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

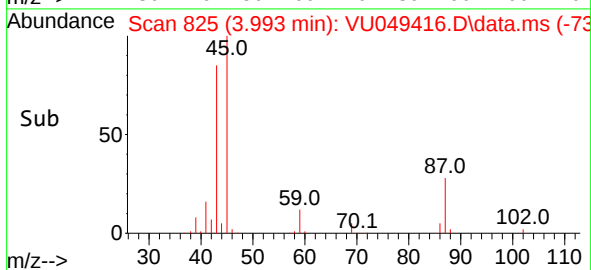
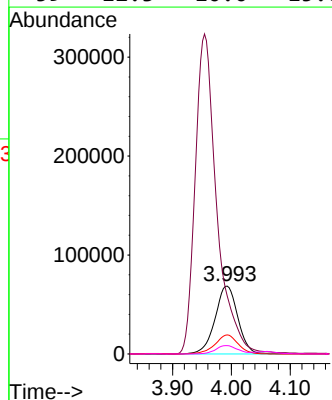
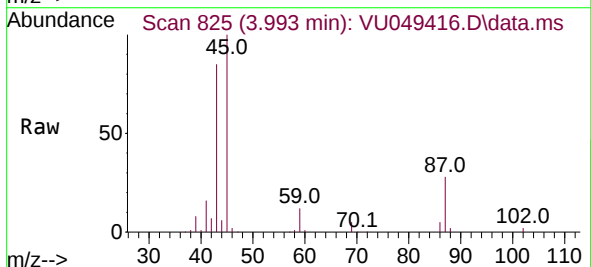
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

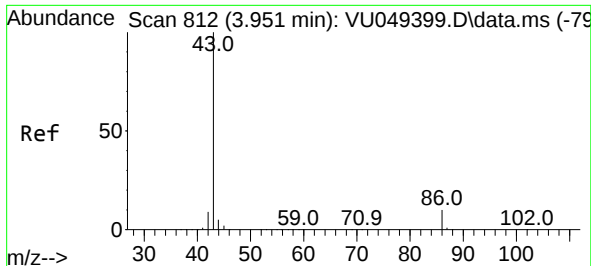
Tgt Ion: 96 Resp: 47242
Ion Ratio Lower Upper
96 100
61 146.3 106.1 159.1
98 63.3 50.8 76.2



#22
Diisopropyl ether
Concen: 21.390 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 45 Resp: 184116
Ion Ratio Lower Upper
45 100
43 83.6 92.9 139.3#
87 28.1 26.2 39.2
59 12.3 10.0 15.0

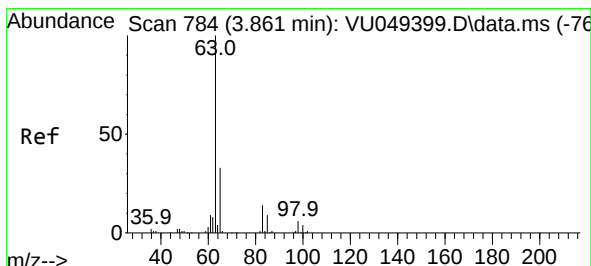
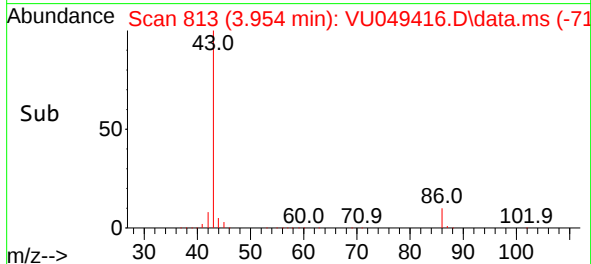
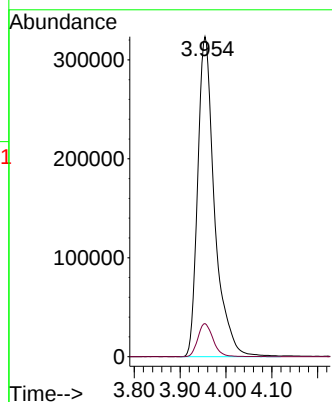
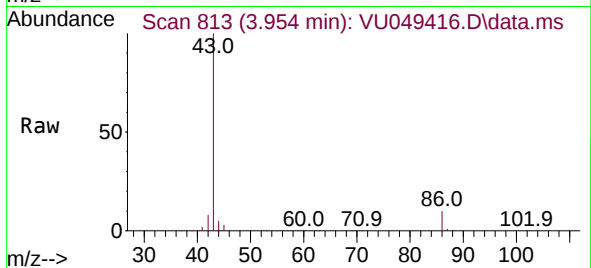




#23
 Vinyl Acetate
 Concen: 109.641 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

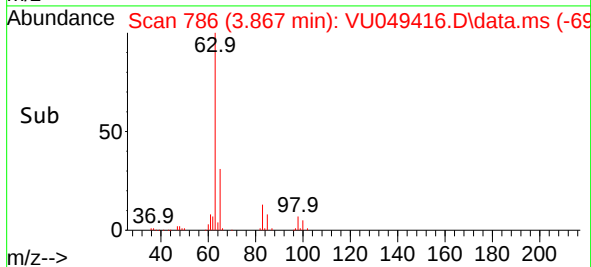
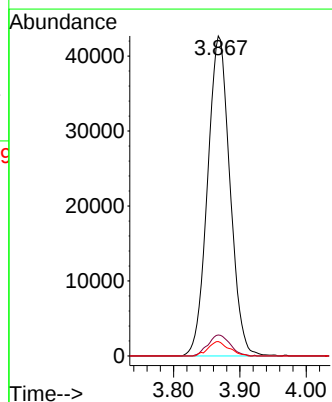
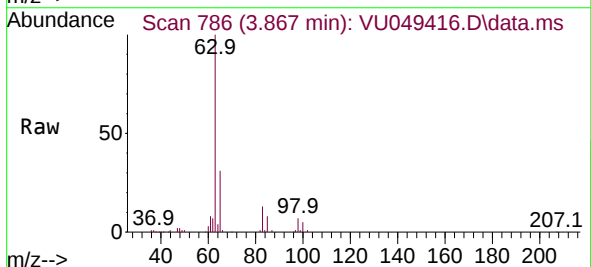
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD01

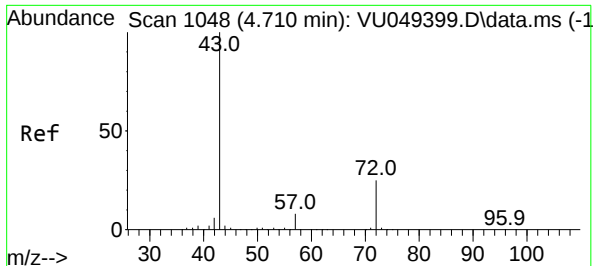
Tgt Ion: 43 Resp: 827167
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 20.209 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.007 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

Tgt Ion: 63 Resp: 99920
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 113.307 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

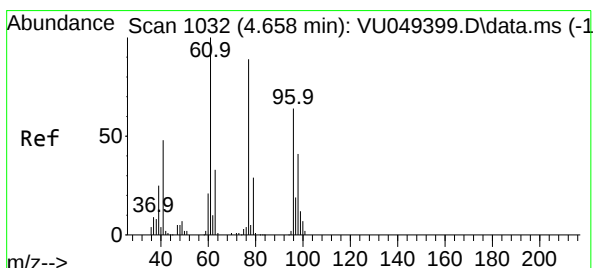
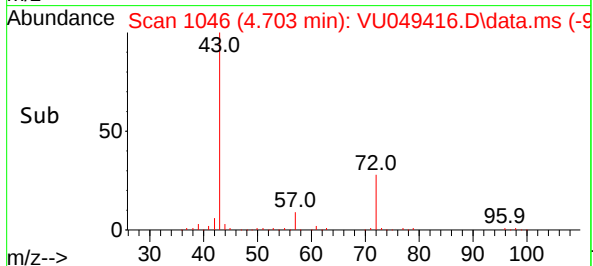
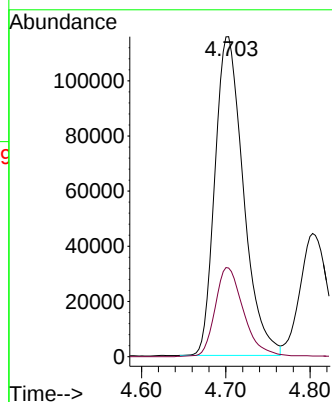
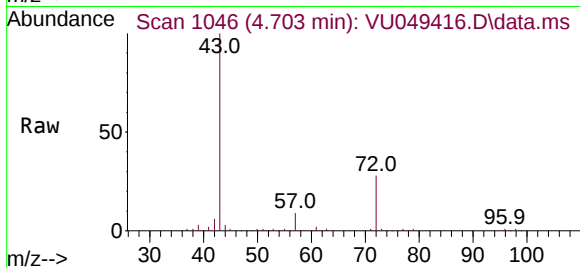
VU0627MBSD01

Tgt Ion: 43 Resp: 270851

Ion Ratio Lower Upper

43 100

72 27.7 23.8 35.6



#26

2,2-Dichloropropane

Concen: 17.360 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VU049416.D

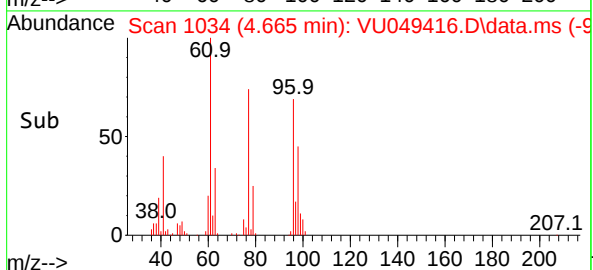
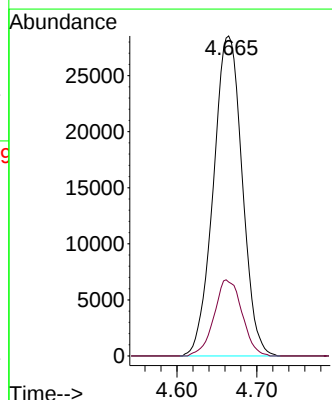
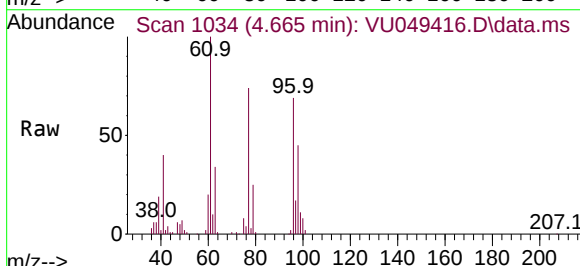
Acq: 27 Jun 2022 20:16

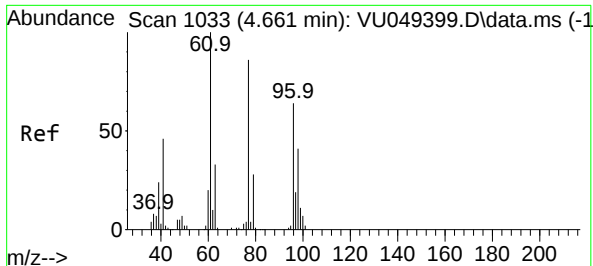
Tgt Ion: 77 Resp: 71438

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.893 ug/l

RT: 4.665 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

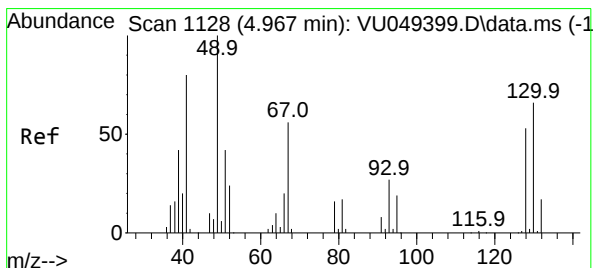
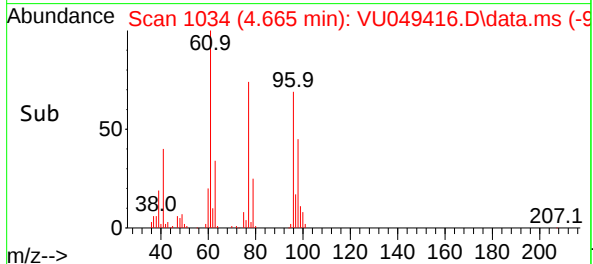
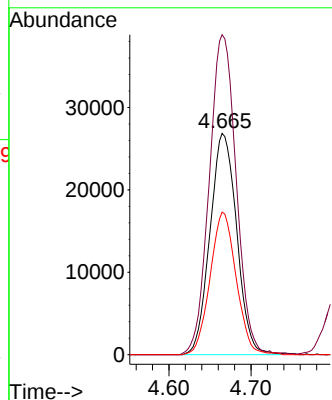
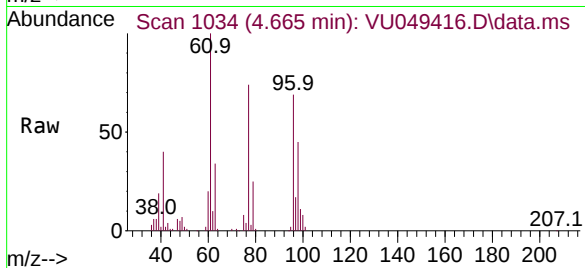
Tgt Ion: 96 Resp: 60825

Ion Ratio Lower Upper

96 100

61 145.9 0.0 271.6

98 62.6 0.0 128.2



#28

Bromochloromethane

Concen: 21.372 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

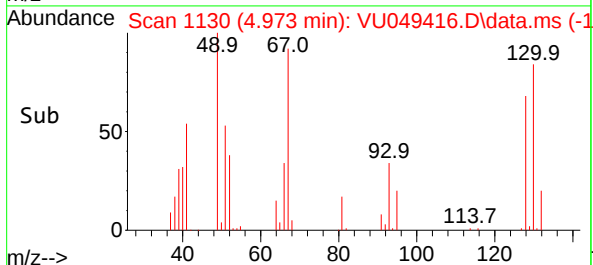
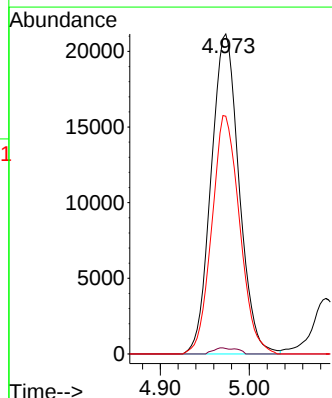
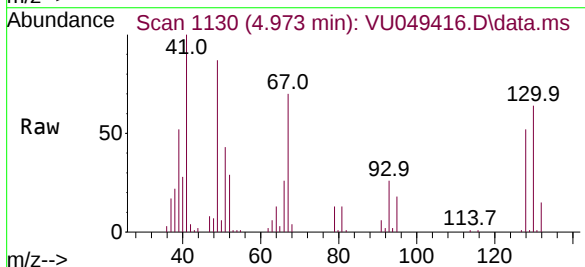
Tgt Ion: 49 Resp: 46187

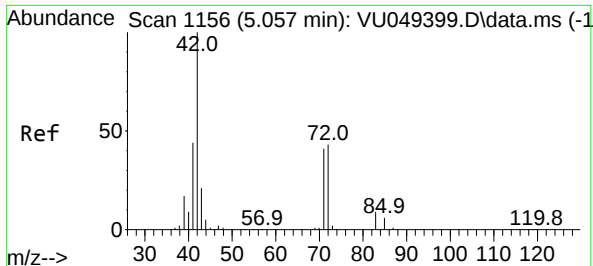
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 74.1 76.9 115.3#





#29

Tetrahydrofuran

Concen: 110.713 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

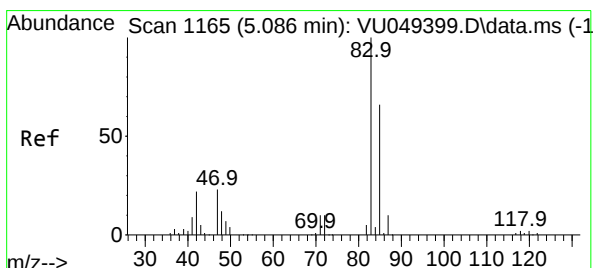
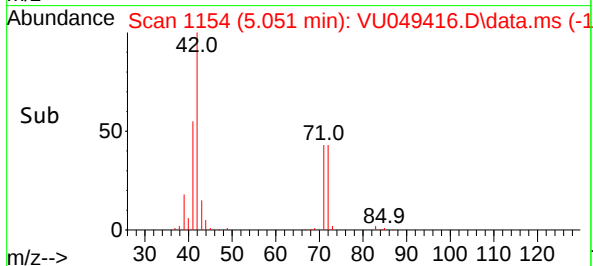
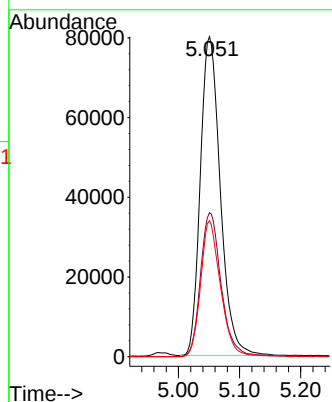
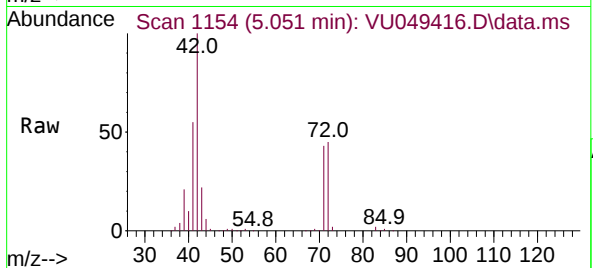
Tgt Ion: 42 Resp: 181553

Ion Ratio Lower Upper

42 100

72 46.9 42.6 63.8

71 42.3 40.3 60.5



#30

Chloroform

Concen: 20.314 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049416.D

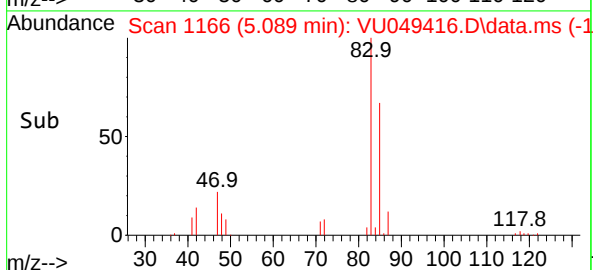
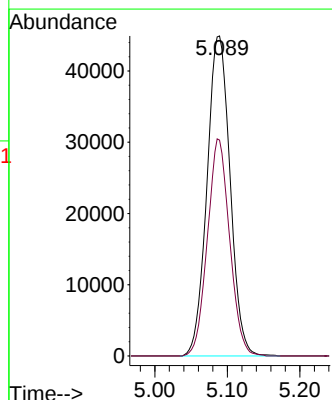
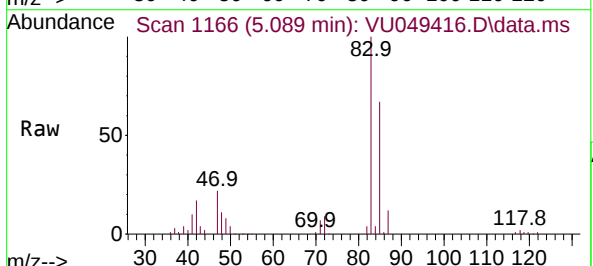
Acq: 27 Jun 2022 20:16

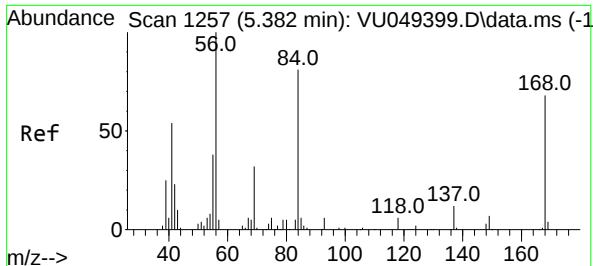
Tgt Ion: 83 Resp: 99350

Ion Ratio Lower Upper

83 100

85 67.4 51.2 76.8

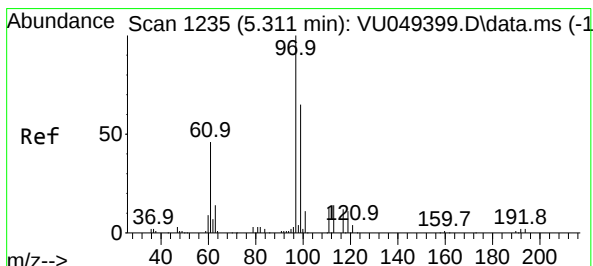
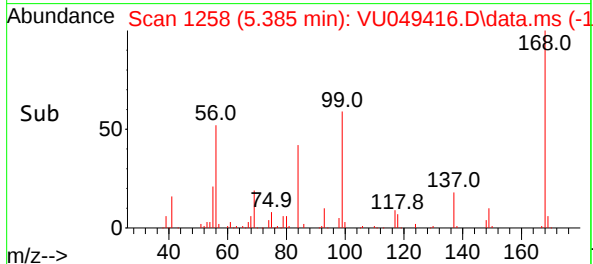
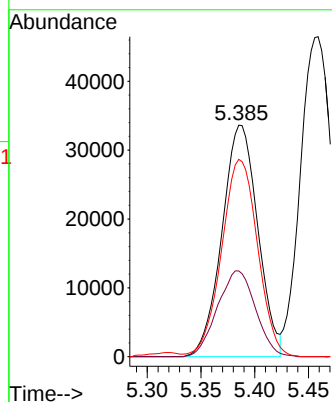
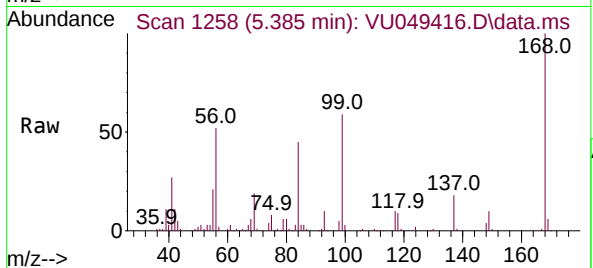




#31
Cyclohexane
Concen: 16.424 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

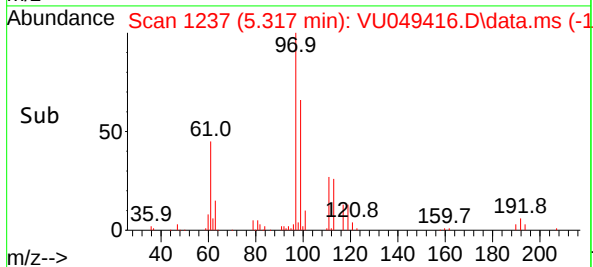
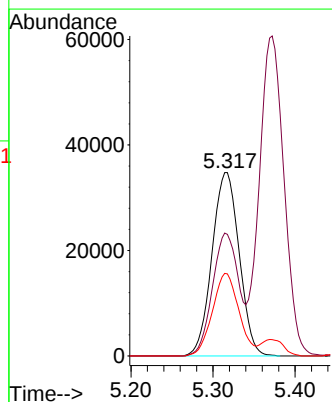
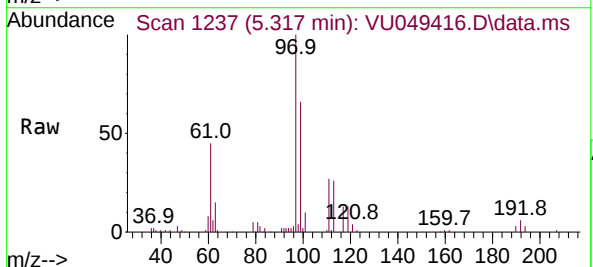
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

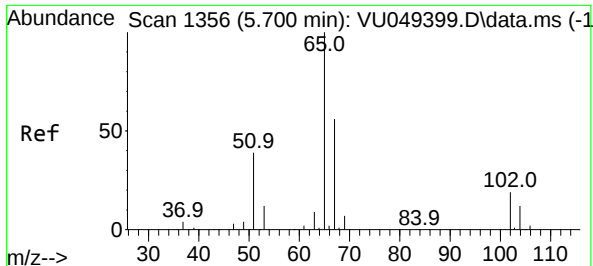
Tgt Ion: 56 Resp: 78004
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.8
84 84.1 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 18.893 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.007 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 97 Resp: 80175
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 44.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.587 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

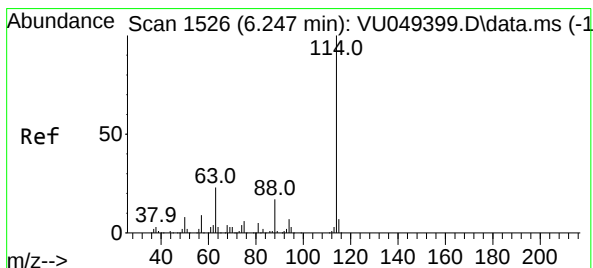
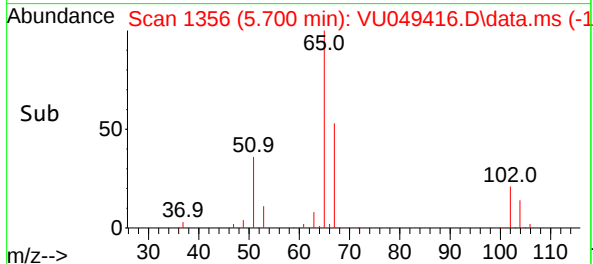
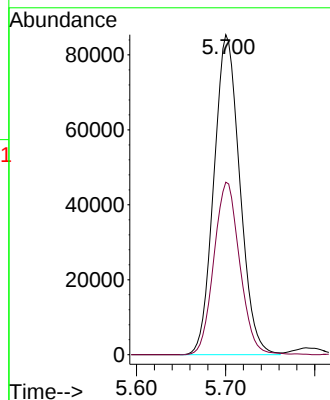
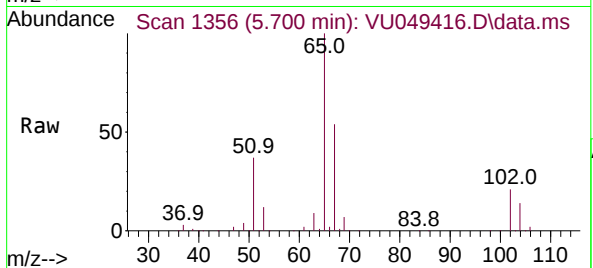
VU0627MBS01

Tgt Ion: 65 Resp: 172656

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

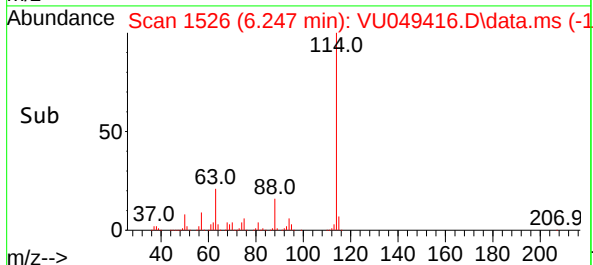
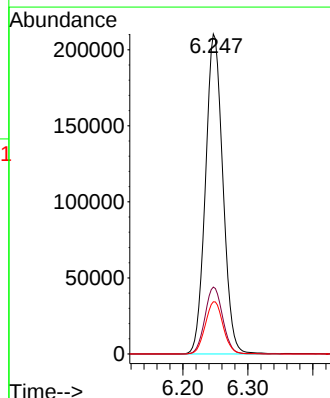
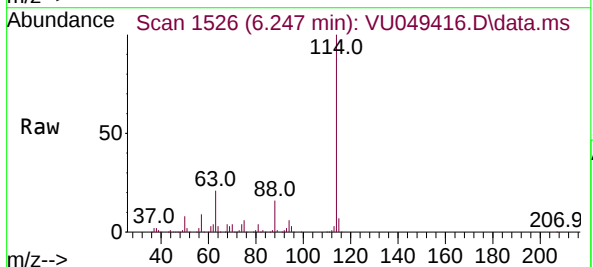
Tgt Ion: 114 Resp: 392210

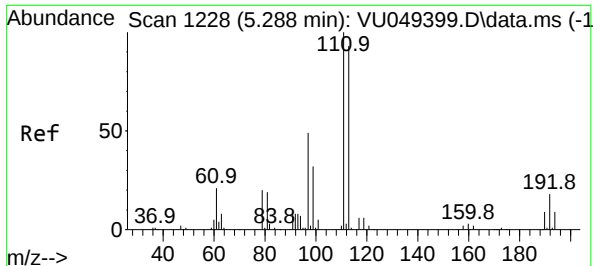
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.3 0.0 29.2

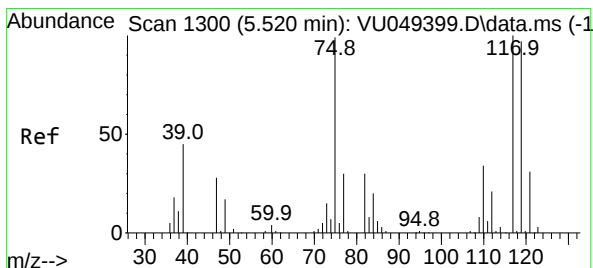
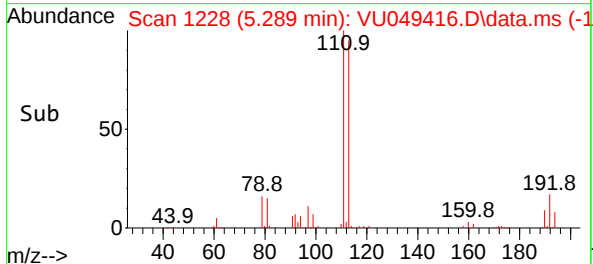
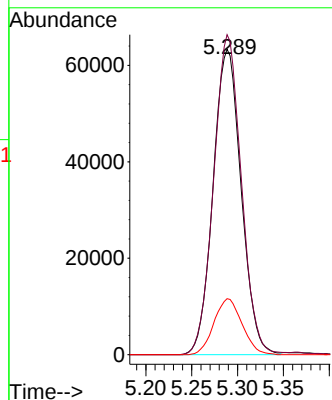
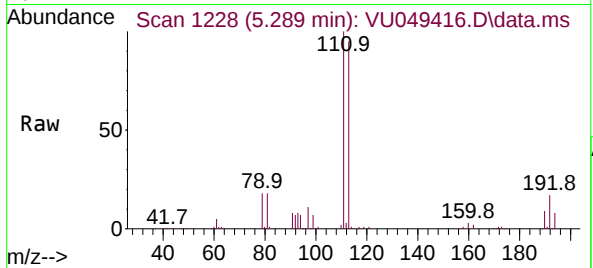




#35
Dibromofluoromethane
Concen: 49.179 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

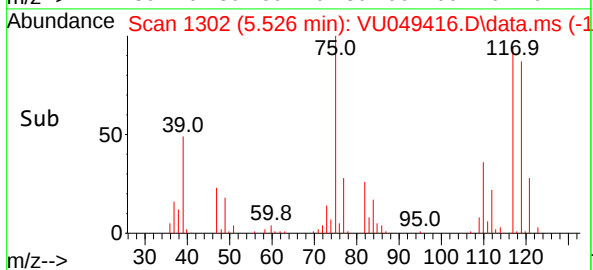
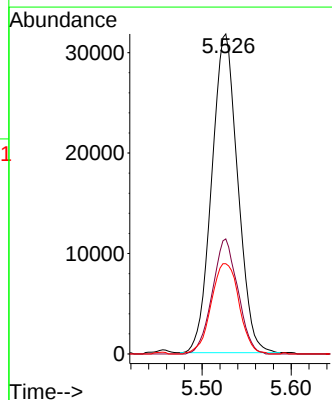
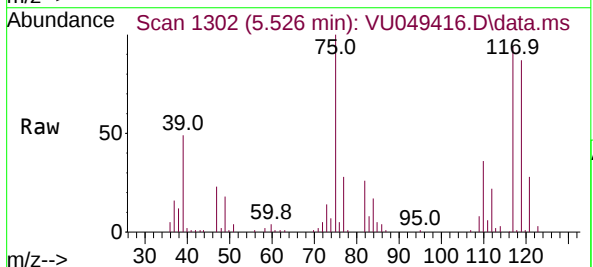
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

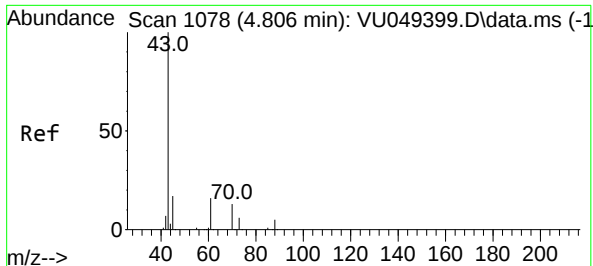
Tgt Ion:113 Resp: 134946
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 18.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 16.167 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.007 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 75 Resp: 64325
Ion Ratio Lower Upper
75 100
110 35.3 18.4 55.2
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.322 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

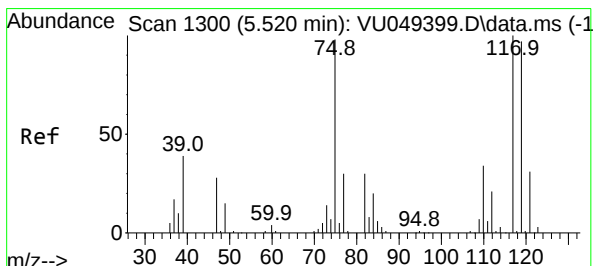
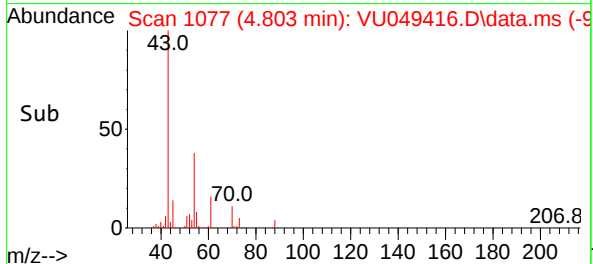
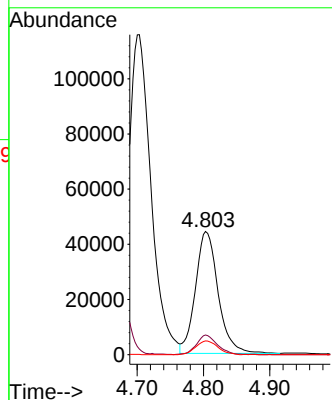
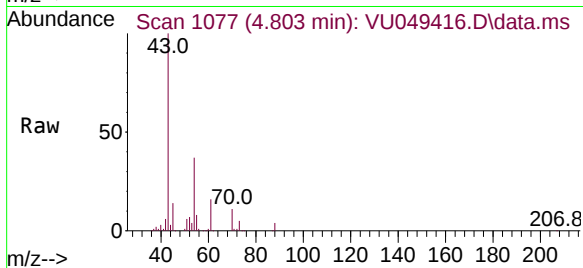
Tgt Ion: 43 Resp: 105052

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 15.551 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

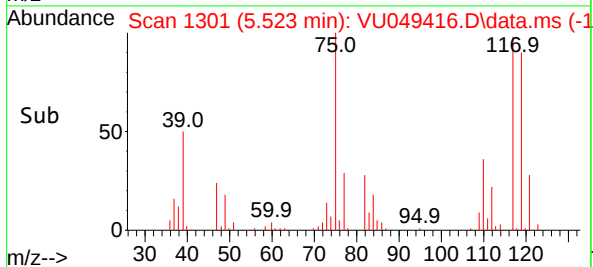
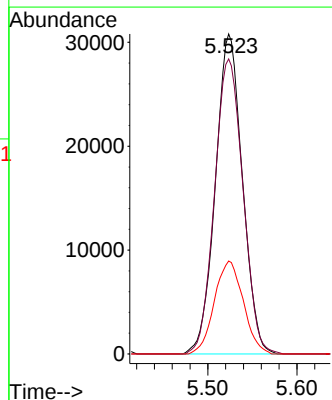
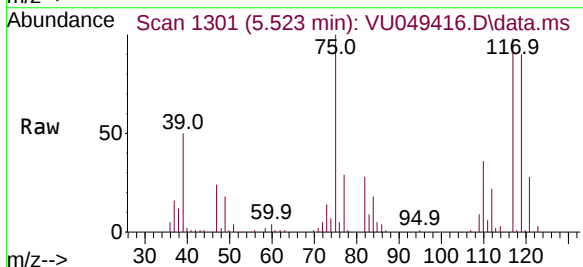
Tgt Ion: 117 Resp: 64891

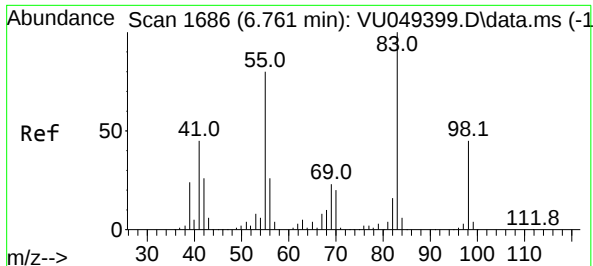
Ion Ratio Lower Upper

117 100

119 92.2 76.8 115.2

121 29.1 24.7 37.1





#39

Methylcyclohexane

Concen: 14.092 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

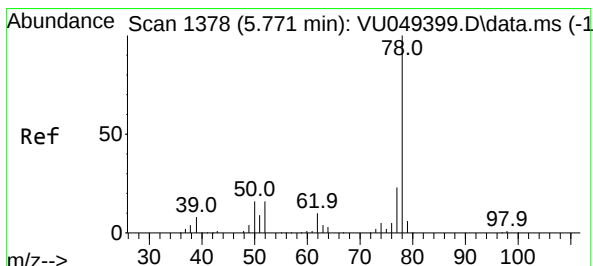
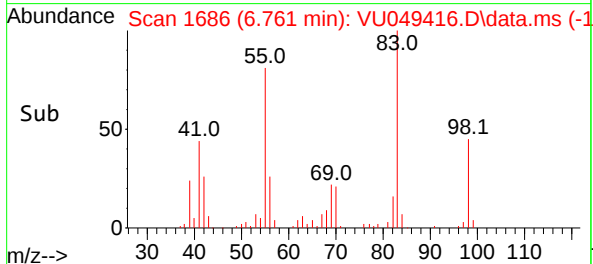
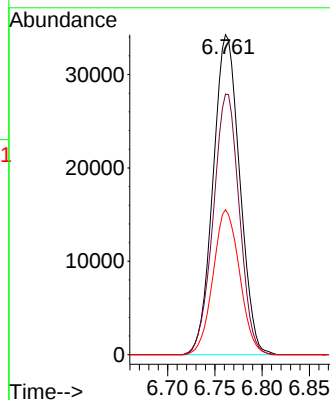
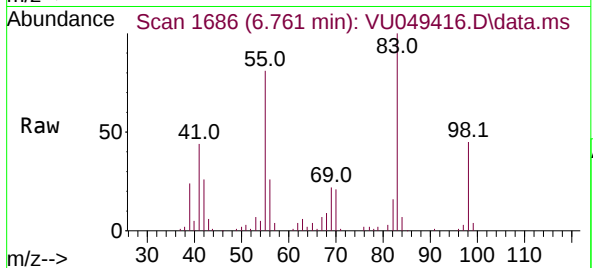
Tgt Ion: 83 Resp: 67204

Ion Ratio Lower Upper

83 100

55 81.4 55.3 82.9

98 45.3 37.3 55.9



#40

Benzene

Concen: 18.553 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049416.D

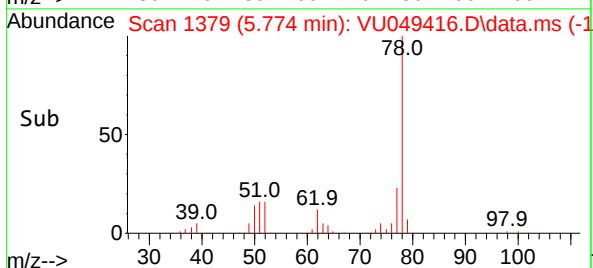
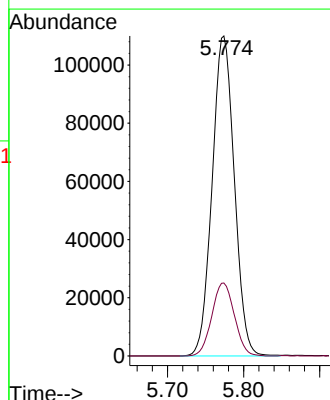
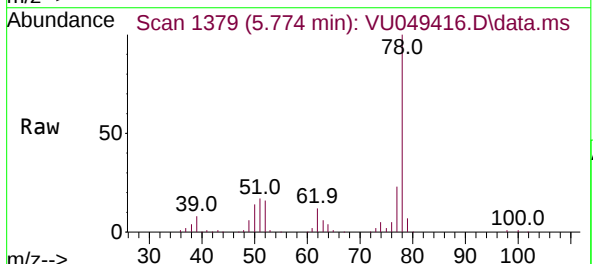
Acq: 27 Jun 2022 20:16

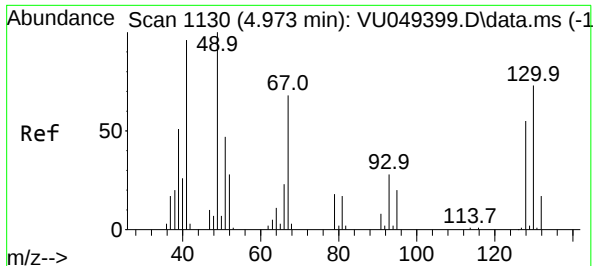
Tgt Ion: 78 Resp: 222862

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2



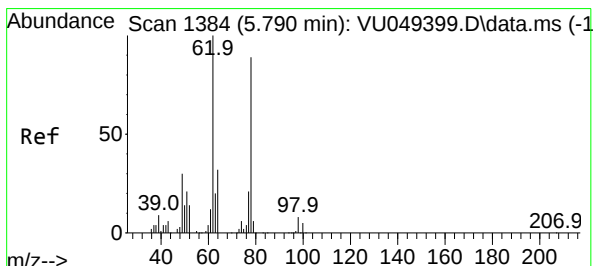
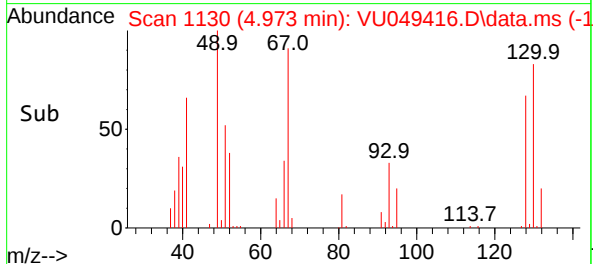
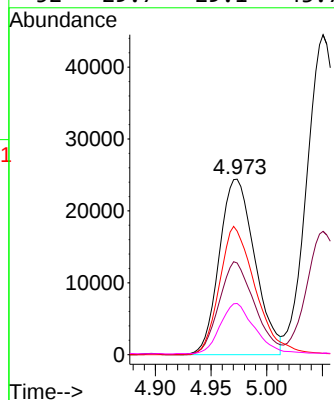
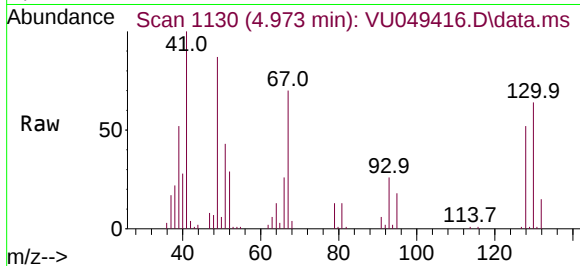


#41
Methacrylonitrile
Concen: 19.953 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

Tgt Ion: 41 Resp: 54357

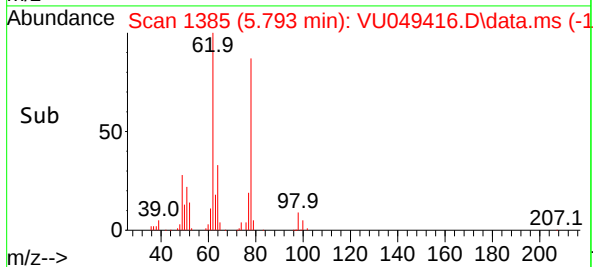
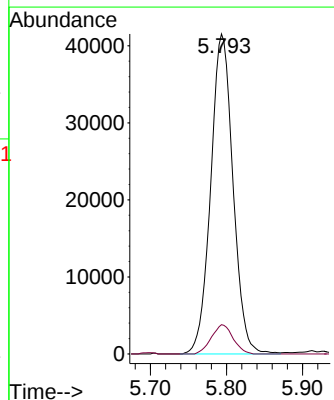
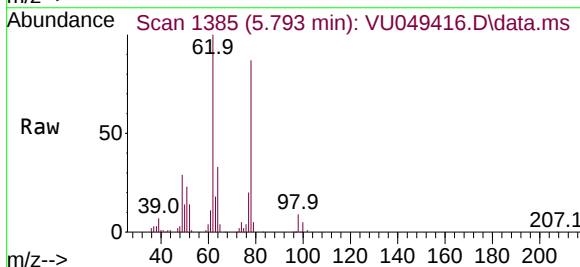
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.1	64.7
67	74.2	72.3	108.5
52	29.7	29.1	43.7

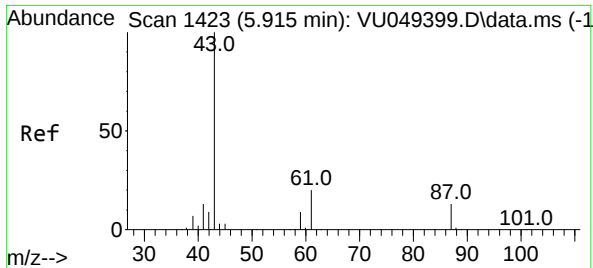


#42
1,2-Dichloroethane
Concen: 18.919 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 62 Resp: 84584

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6

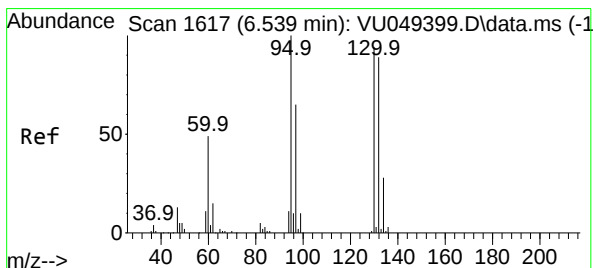
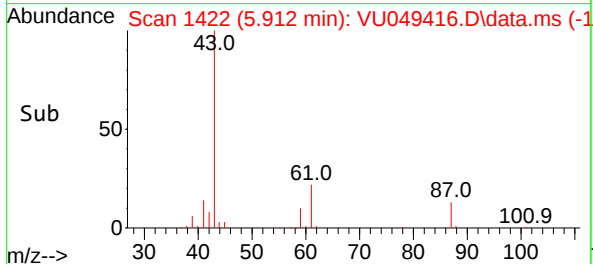
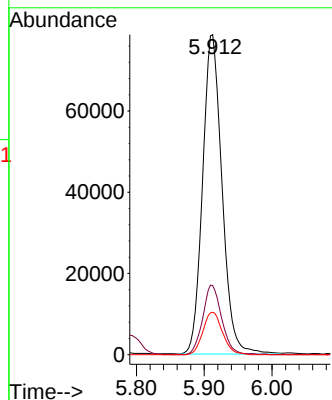
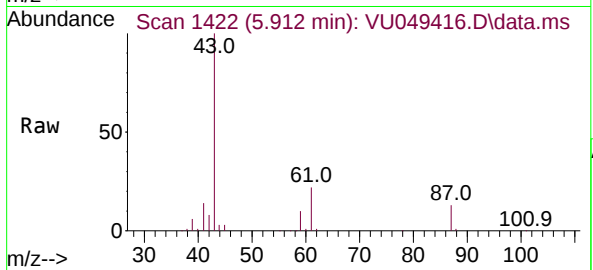




#43
Isopropyl Acetate
Concen: 19.680 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

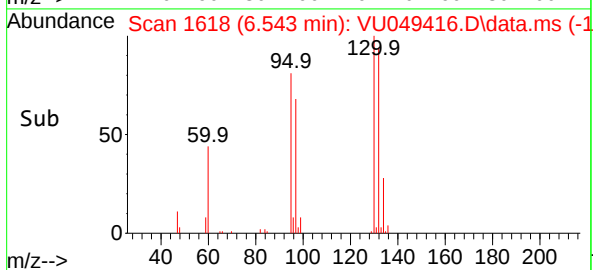
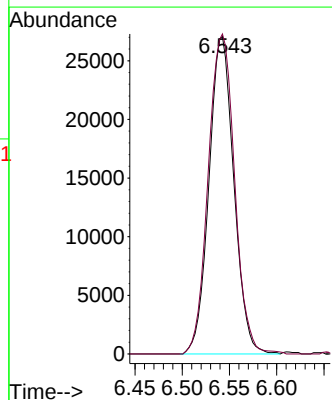
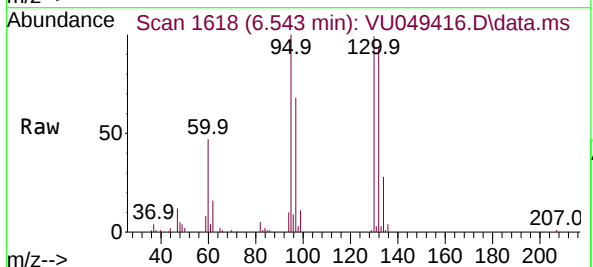
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

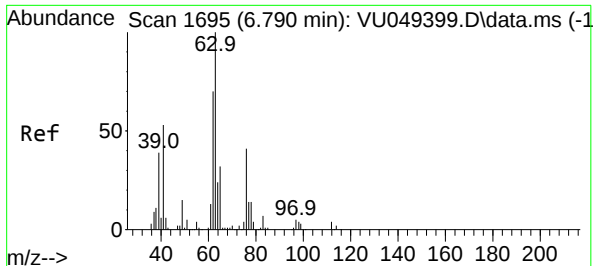
Tgt Ion: 43 Resp: 156782
Ion Ratio Lower Upper
43 100
61 21.3 17.4 26.0
87 13.3 12.6 18.8



#44
Trichloroethene
Concen: 17.356 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:130 Resp: 49561
Ion Ratio Lower Upper
130 100
95 100.8 0.0 184.6





#45

1,2-Dichloropropane

Concen: 18.609 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

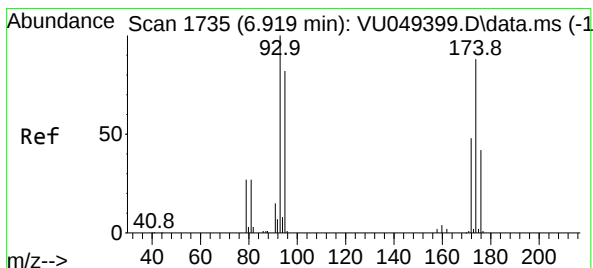
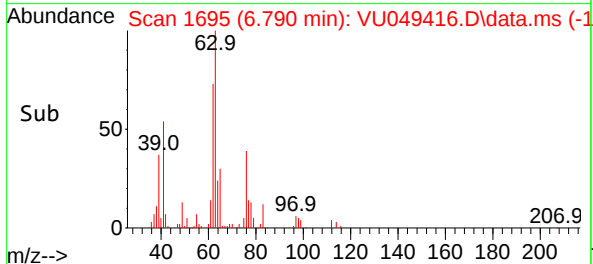
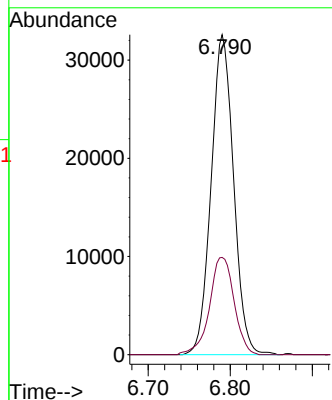
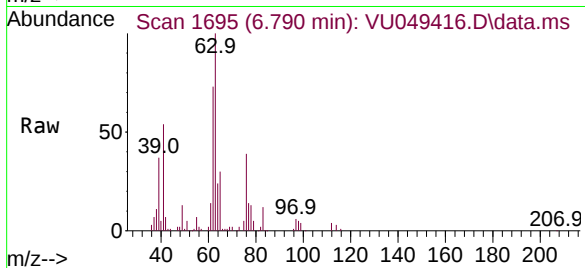
VU0627MBSD01

Tgt Ion: 63 Resp: 61941

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.4



#46

Dibromomethane

Concen: 19.071 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

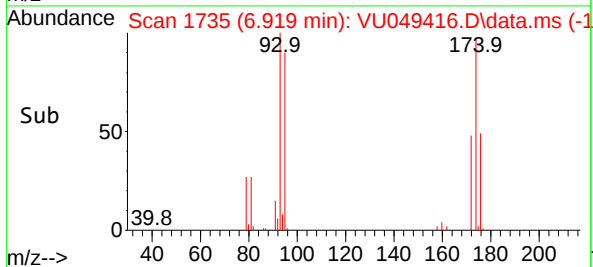
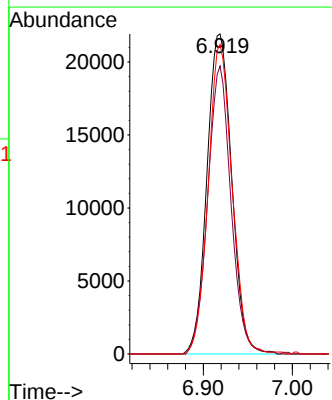
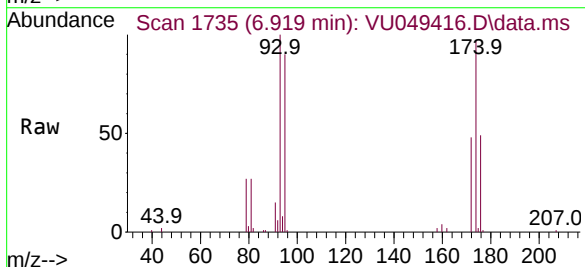
Tgt Ion: 93 Resp: 42322

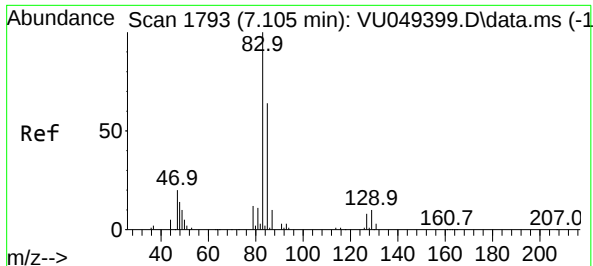
Ion Ratio Lower Upper

93 100

95 84.5 66.3 99.5

174 93.4 88.2 132.4

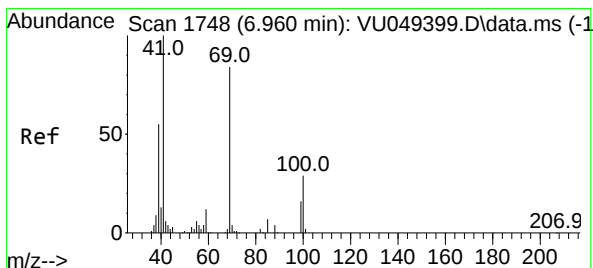
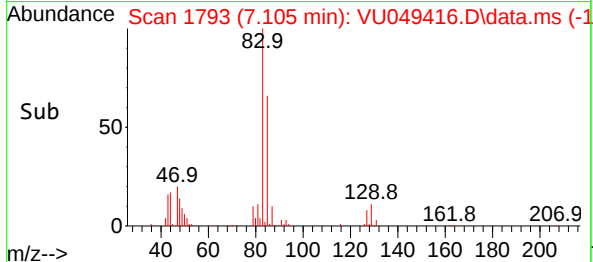
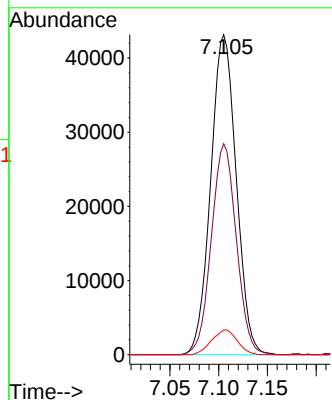
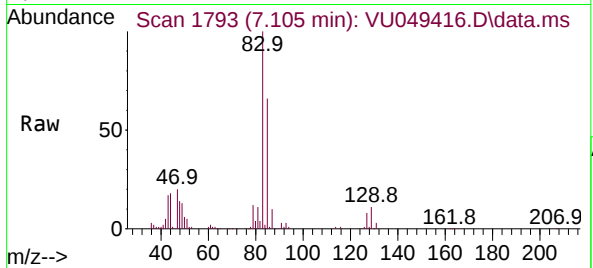




#47
Bromodichloromethane
Concen: 18.413 ug/l
RT: 7.105 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

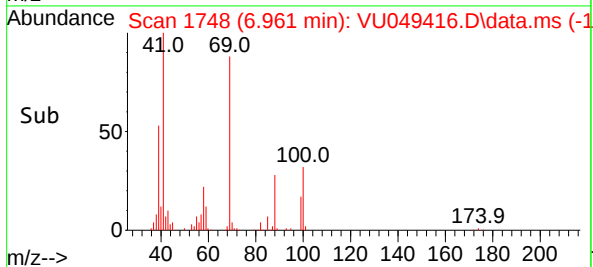
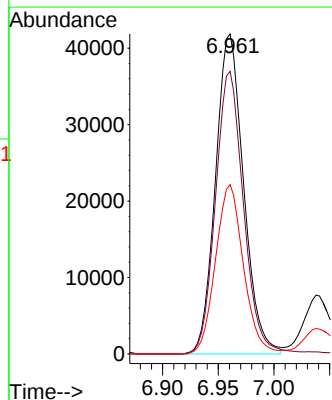
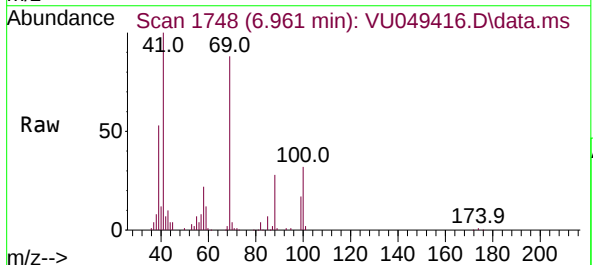
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

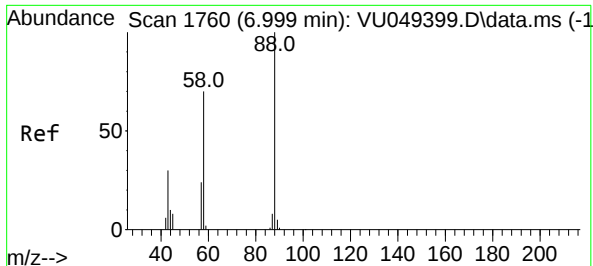
Tgt Ion: 83 Resp: 78647
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.2
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 19.679 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 41 Resp: 73468
Ion Ratio Lower Upper
41 100
69 88.2 79.8 119.6
39 52.6 47.9 71.9





#49

1,4-Dioxane

Concen: 403.206 ug/l

RT: 6.970 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

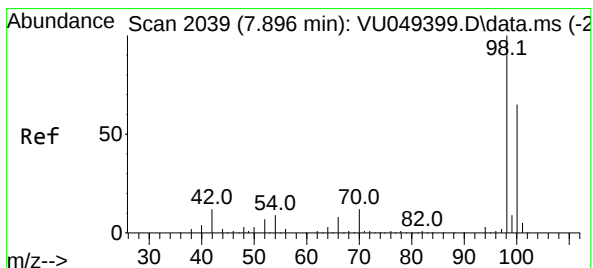
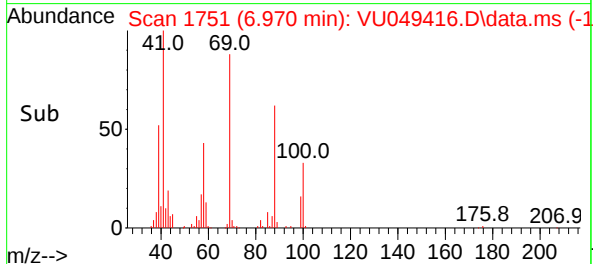
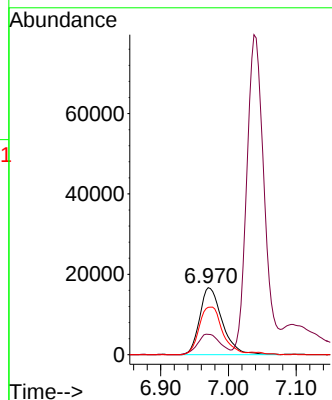
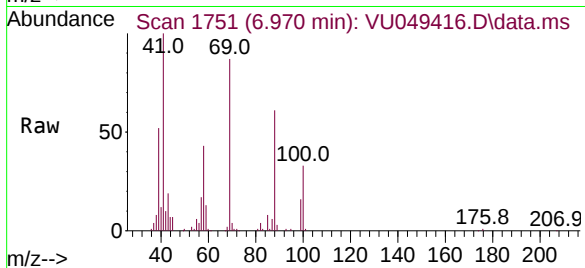
Tgt Ion: 88 Resp: 38566

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 73.4 15.4 23.0#



#50

Toluene-d8

Concen: 48.713 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049416.D

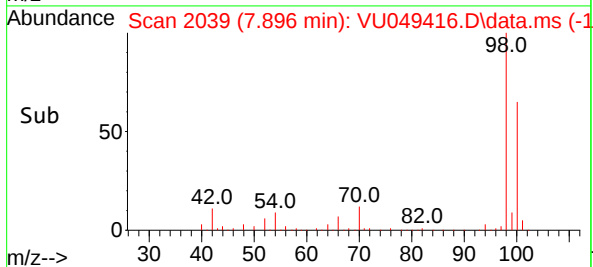
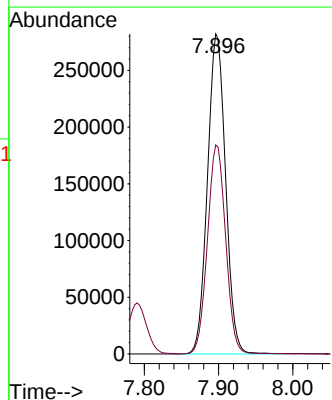
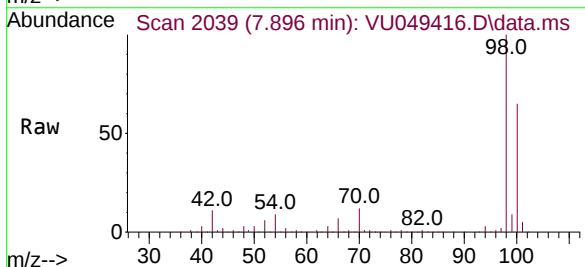
Acq: 27 Jun 2022 20:16

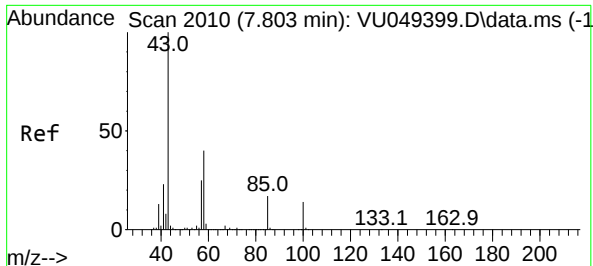
Tgt Ion: 98 Resp: 476758

Ion Ratio Lower Upper

98 100

100 65.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 98.766 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

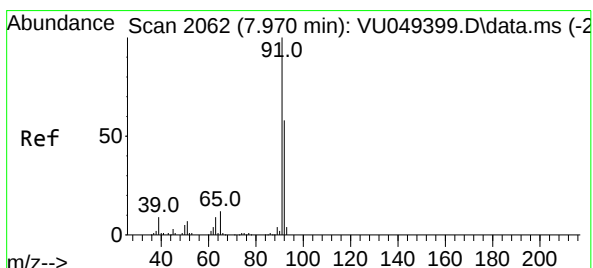
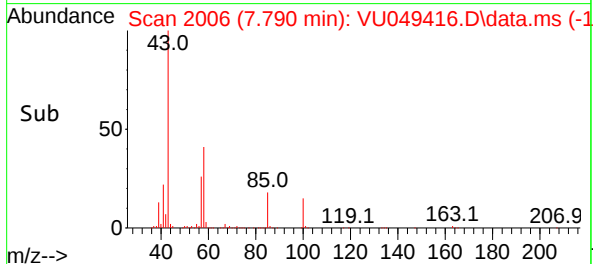
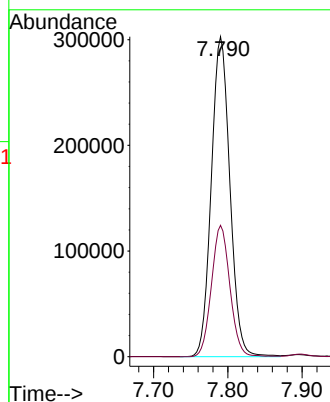
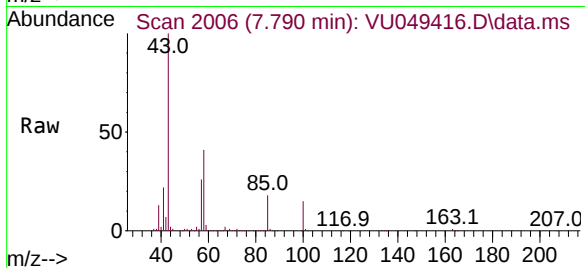
VU0627MBSD01

Tgt Ion: 43 Resp: 526582

Ion Ratio Lower Upper

43 100

58 40.8 34.7 52.1



#52

Toluene

Concen: 18.899 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049416.D

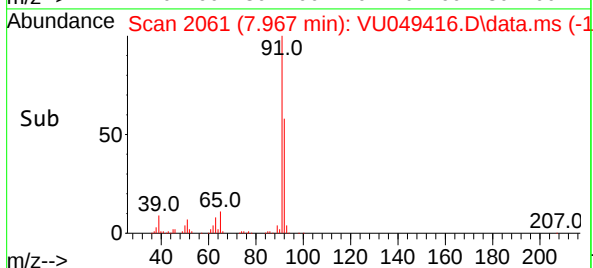
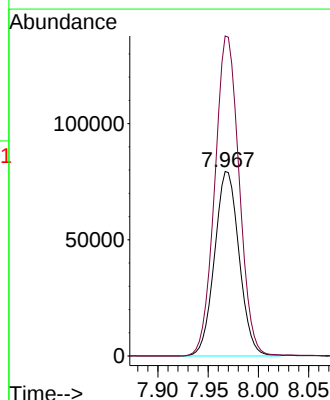
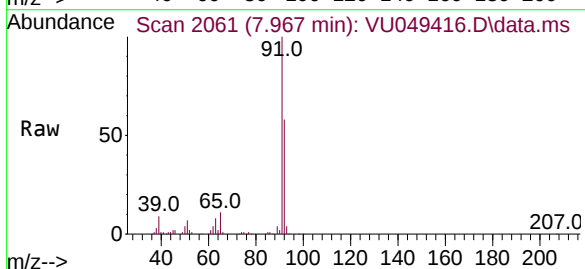
Acq: 27 Jun 2022 20:16

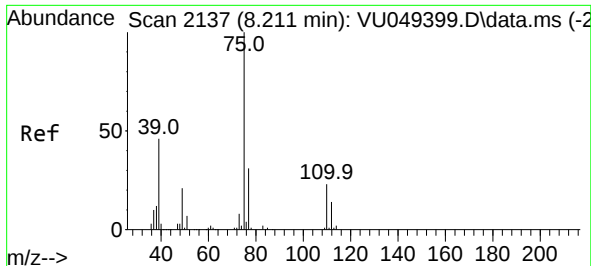
Tgt Ion: 92 Resp: 134932

Ion Ratio Lower Upper

92 100

91 172.8 138.2 207.4

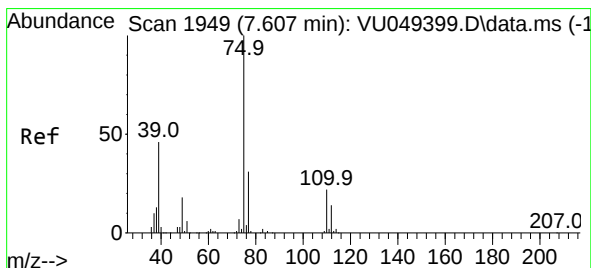
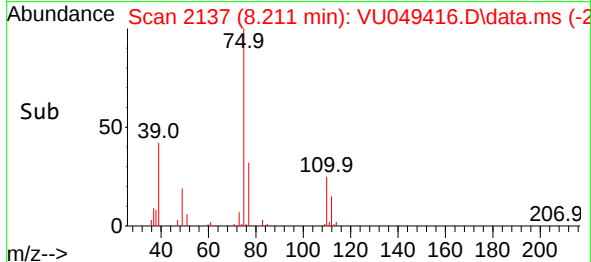
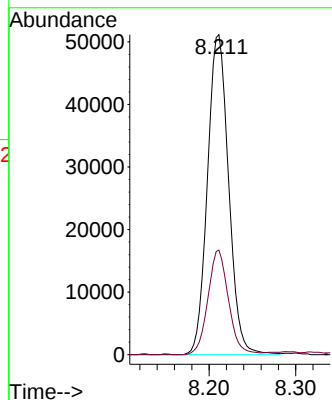
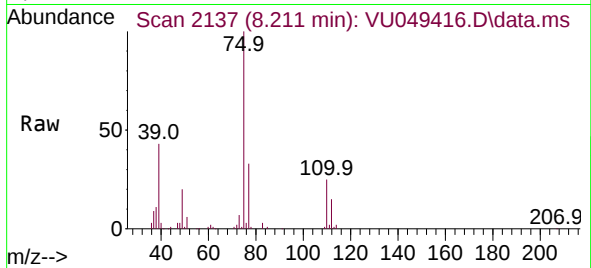




#53
 t-1,3-Dichloropropene
 Concen: 18.960 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

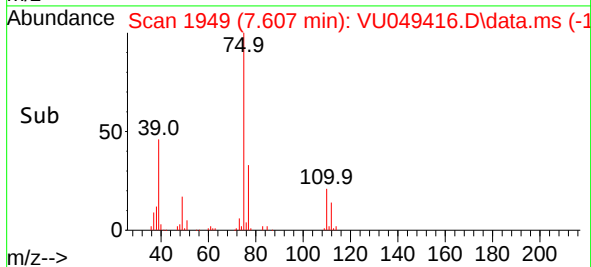
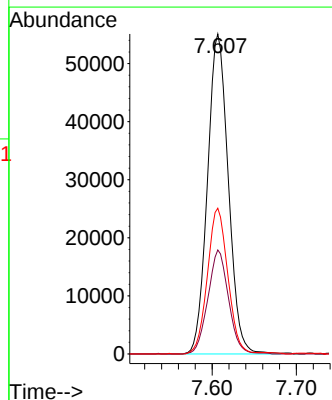
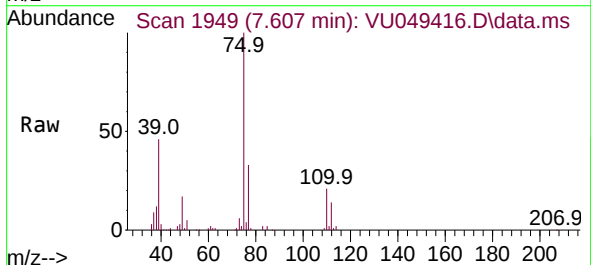
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD01

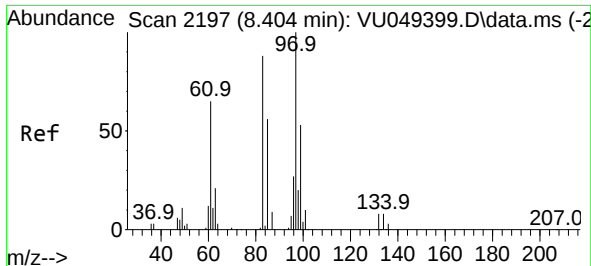
Tgt Ion: 75 Resp: 86867
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.370 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

Tgt Ion: 75 Resp: 94759
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.7 38.5
 39 45.5 33.0 49.6

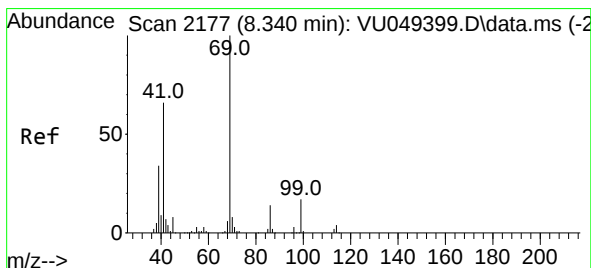
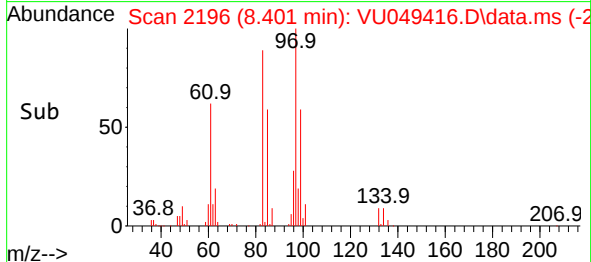
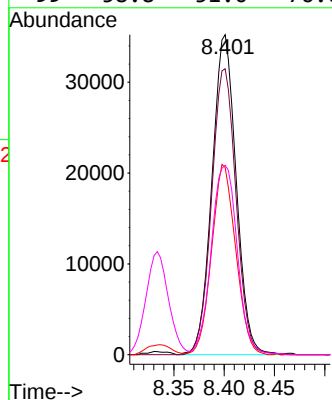
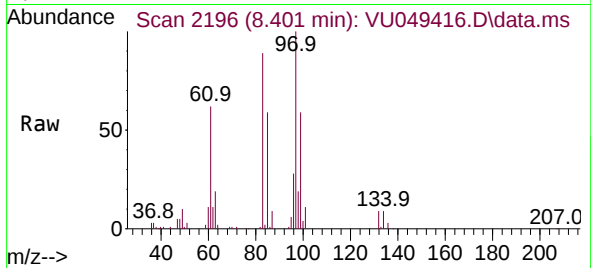




#55
1,1,2-Trichloroethane
Concen: 20.000 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

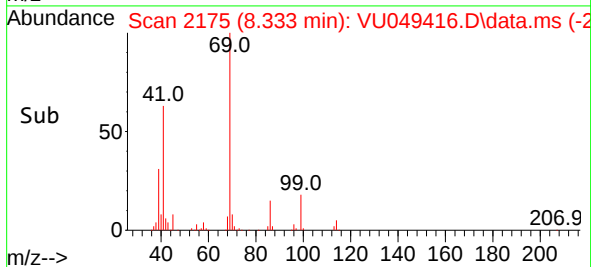
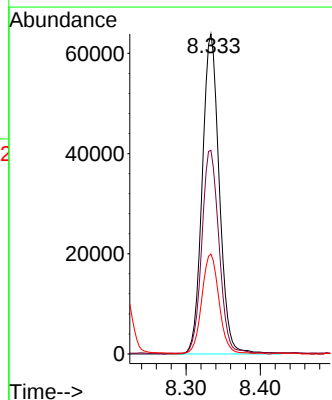
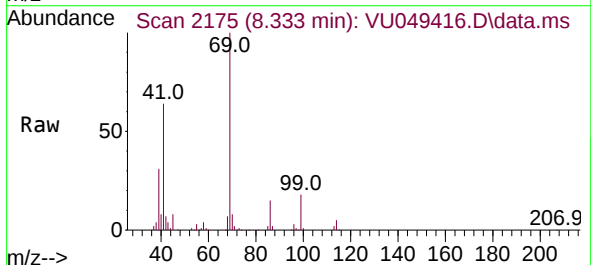
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

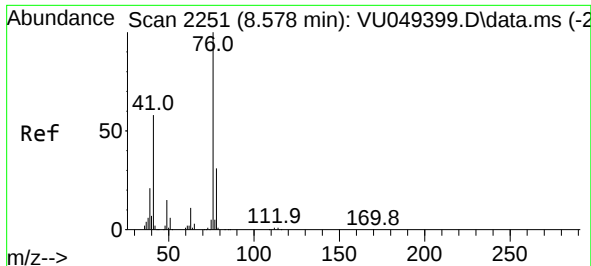
Tgt Ion: 97	Resp: 59039
Ion Ratio	Lower Upper
97 100	
83 89.4	70.2 105.4
85 58.5	44.6 66.8
99 58.8	51.0 76.6



#56
Ethyl methacrylate
Concen: 20.635 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 69	Resp: 101881
Ion Ratio	Lower Upper
69 100	
41 63.9	45.4 68.0
39 31.2	25.7 38.5





#57

1,3-Dichloropropane

Concen: 19.838 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

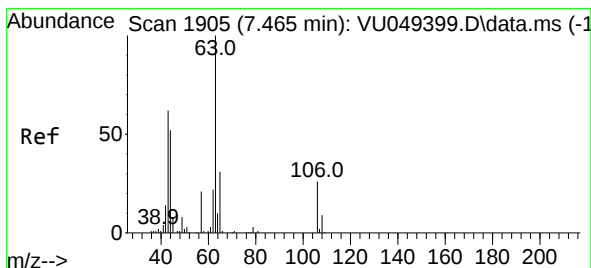
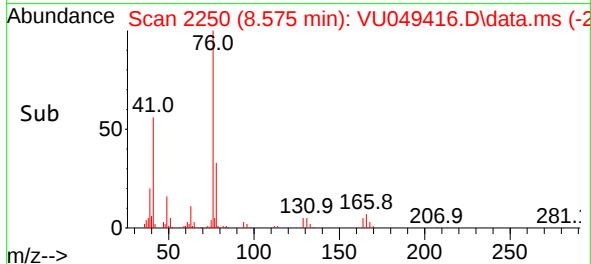
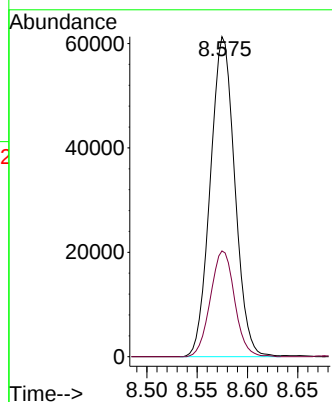
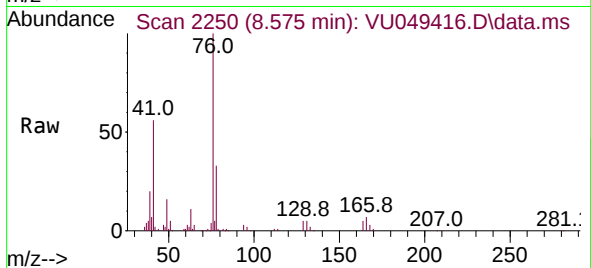
VU0627MBSD01

Tgt Ion: 76 Resp: 103880

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 202.807 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049416.D

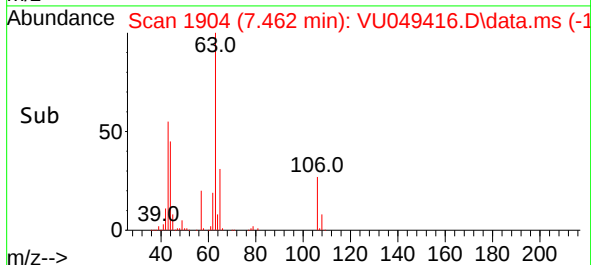
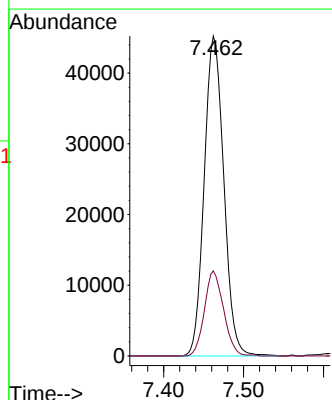
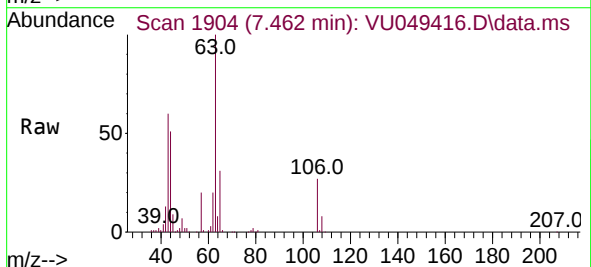
Acq: 27 Jun 2022 20:16

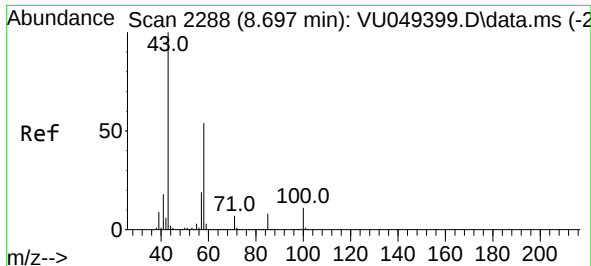
Tgt Ion: 63 Resp: 77166

Ion Ratio Lower Upper

63 100

106 26.0 23.1 34.7





#59

2-Hexanone

Concen: 97.369 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

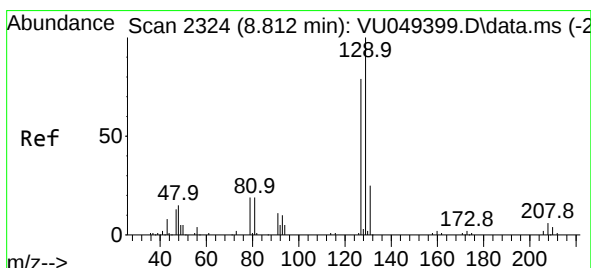
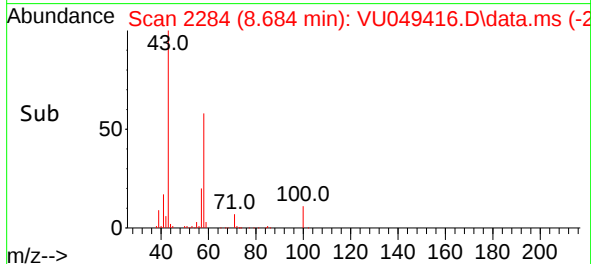
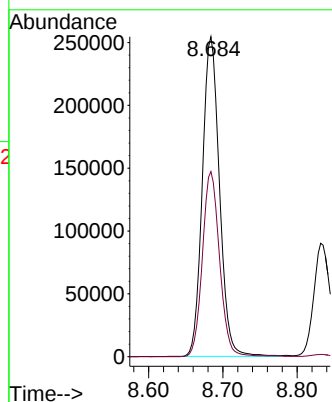
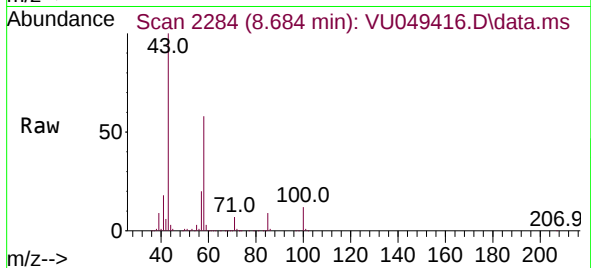
VU0627MBSD01

Tgt Ion: 43 Resp: 408242

Ion Ratio Lower Upper

43 100

58 58.1 30.3 90.8



#60

Dibromochloromethane

Concen: 19.022 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU049416.D

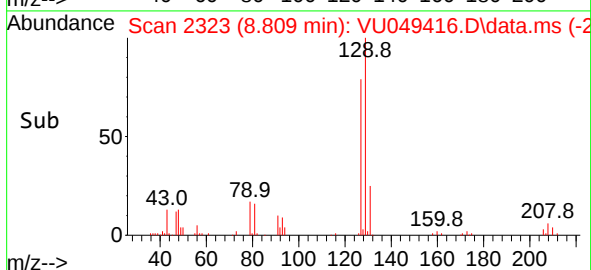
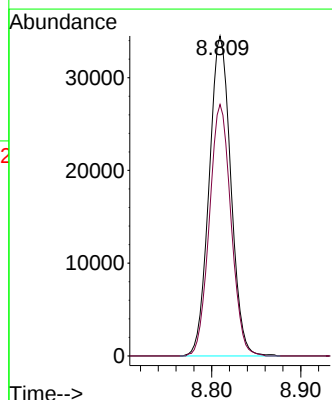
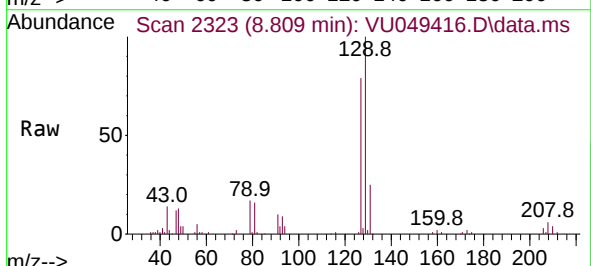
Acq: 27 Jun 2022 20:16

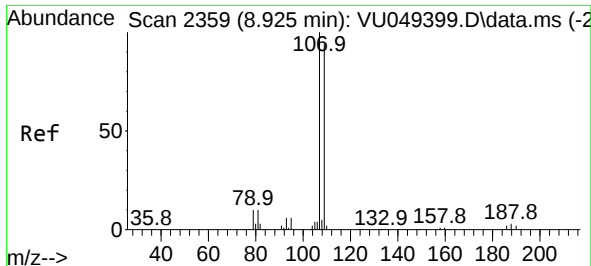
Tgt Ion: 129 Resp: 58393

Ion Ratio Lower Upper

129 100

127 78.1 38.6 116.0

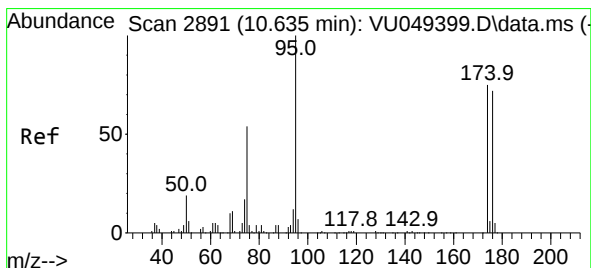
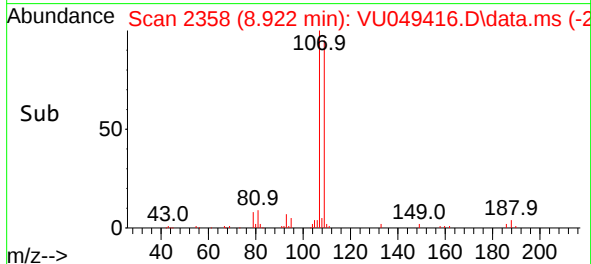
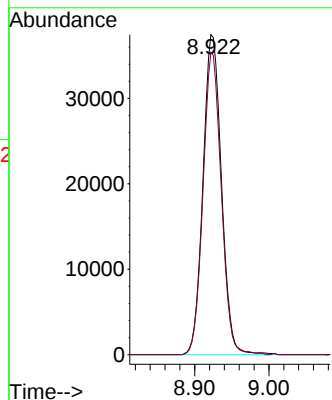
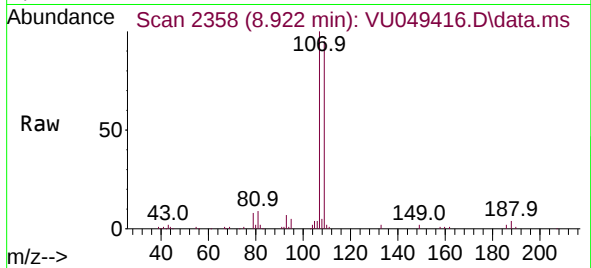




#61
1,2-Dibromoethane
Concen: 20.068 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

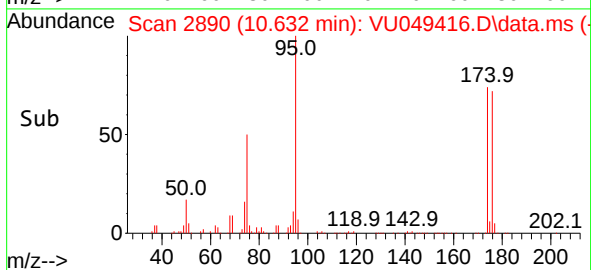
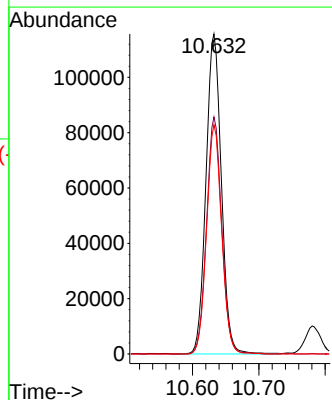
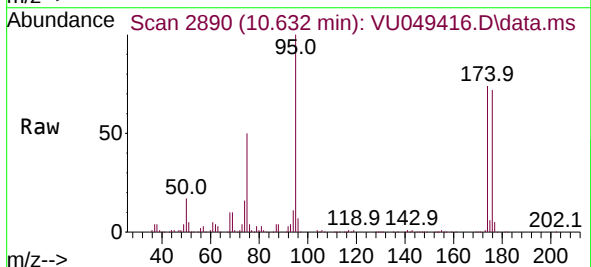
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

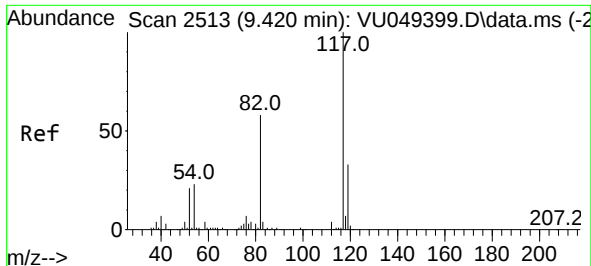
Tgt Ion:107 Resp: 64558
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.746 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 95 Resp: 186503
Ion Ratio Lower Upper
95 100
174 73.2 0.0 182.0
176 70.1 0.0 177.8

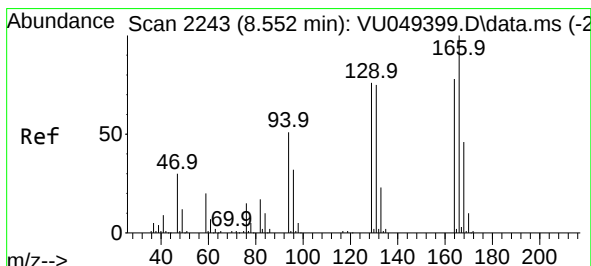
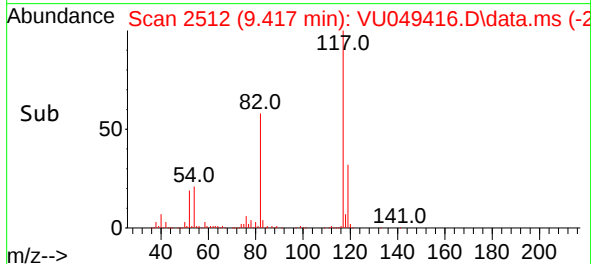
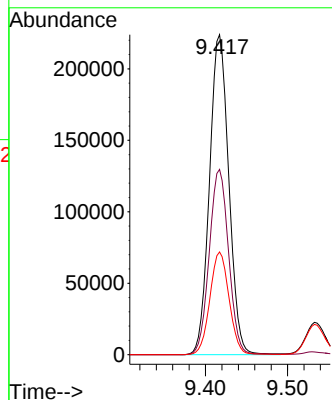
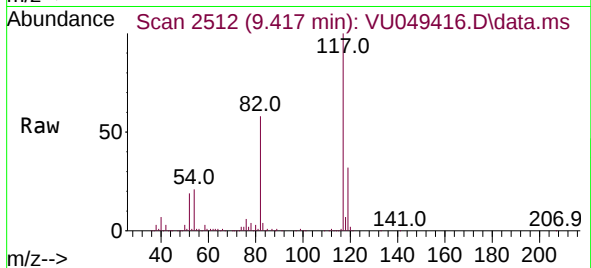




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

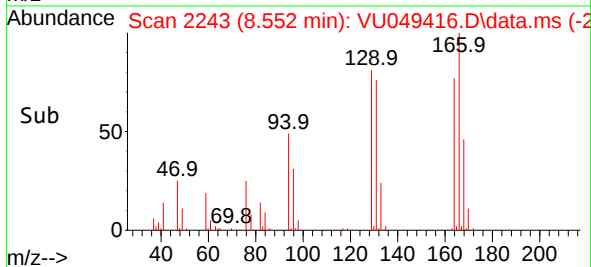
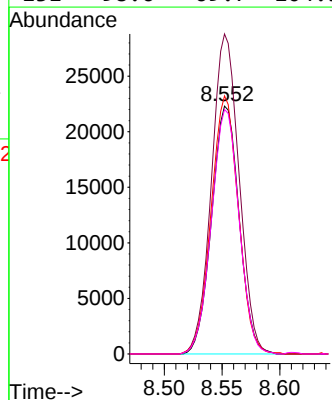
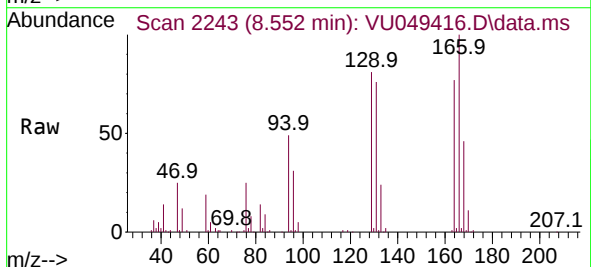
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

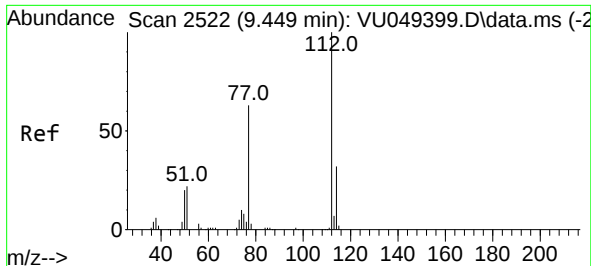
Tgt Ion:117 Resp: 365604
Ion Ratio Lower Upper
117 100
82 57.9 41.7 62.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 15.738 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:164 Resp: 36906
Ion Ratio Lower Upper
164 100
166 129.1 100.0 150.0
129 104.1 72.0 108.0
131 98.6 69.7 104.5

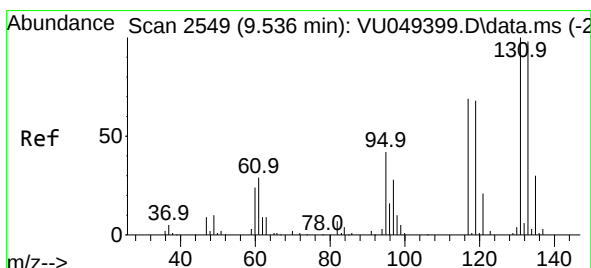
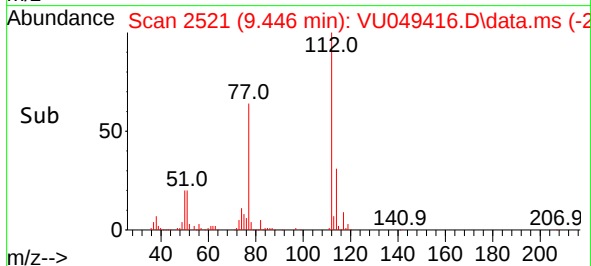
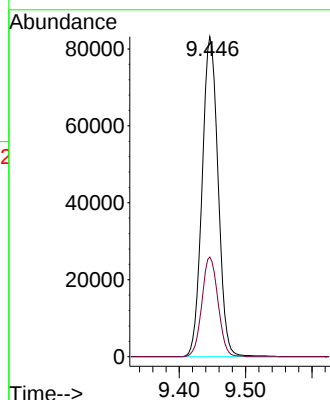
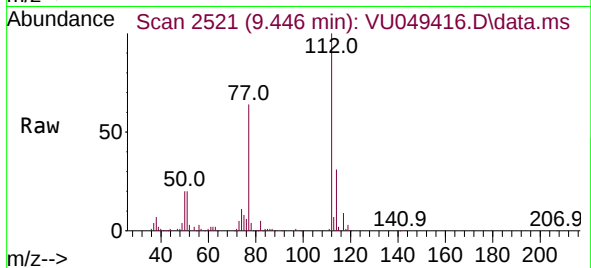




#65
Chlorobenzene
Concen: 18.619 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

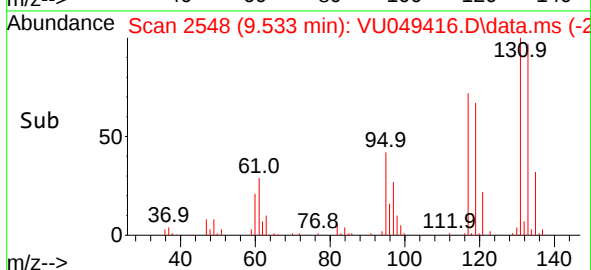
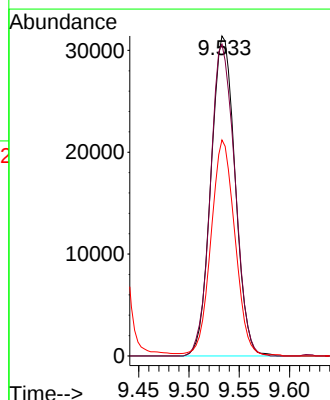
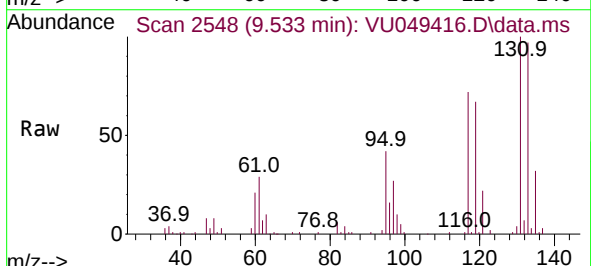
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

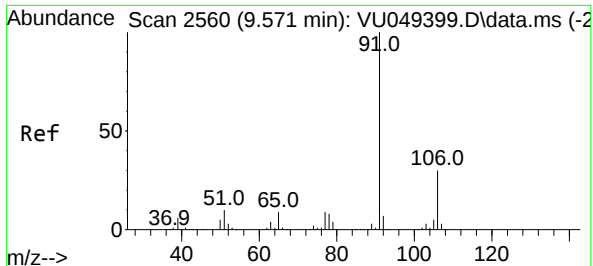
Tgt Ion:112 Resp: 139164
Ion Ratio Lower Upper
112 100
114 31.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.638 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:131 Resp: 52552
Ion Ratio Lower Upper
131 100
133 98.6 48.4 145.0
119 66.0 33.9 101.6





#67

Ethyl Benzene

Concen: 18.541 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

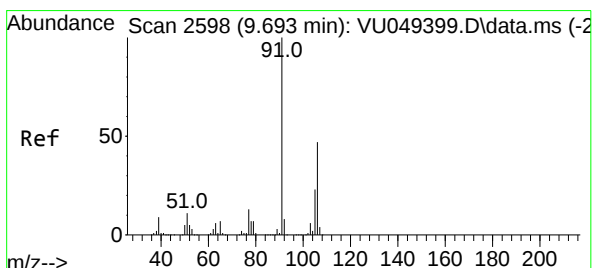
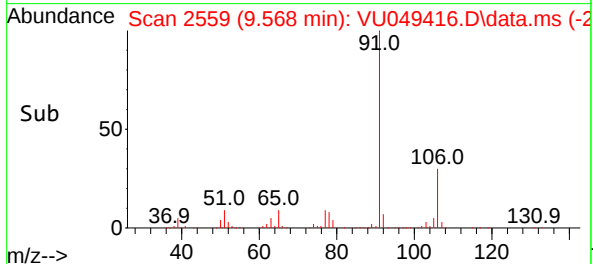
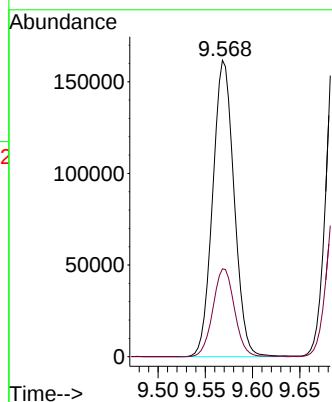
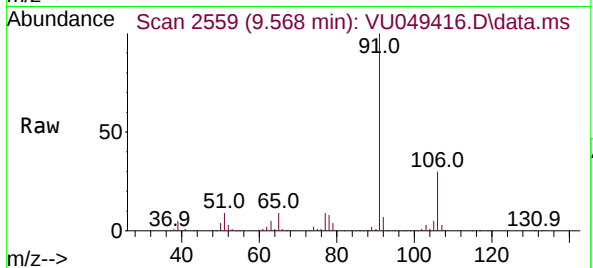
VU0627MBSD01

Tgt Ion: 91 Resp: 254408

Ion Ratio Lower Upper

91 100

106 29.6 25.6 38.4



#68

m/p-Xylenes

Concen: 36.817 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049416.D

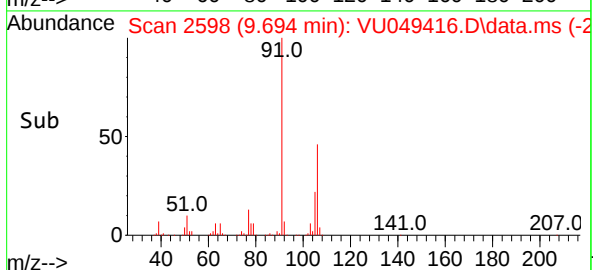
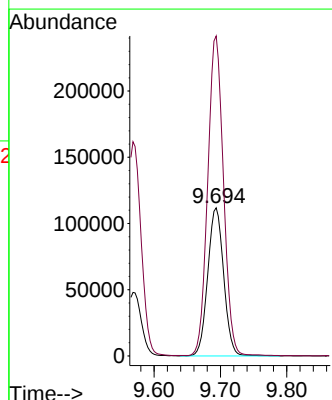
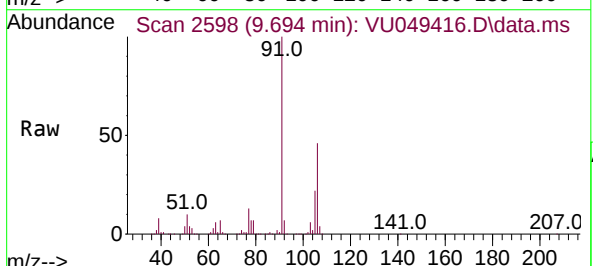
Acq: 27 Jun 2022 20:16

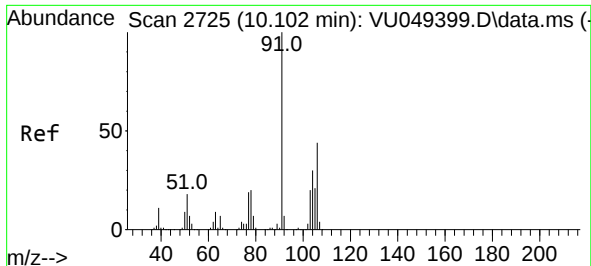
Tgt Ion: 106 Resp: 186921

Ion Ratio Lower Upper

106 100

91 213.6 157.2 235.8

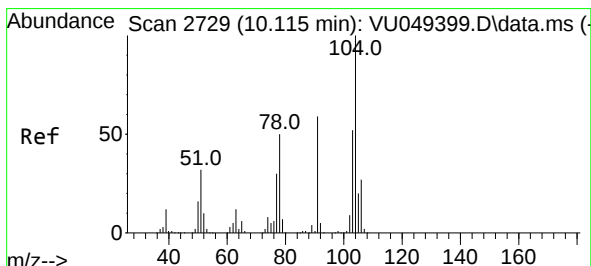
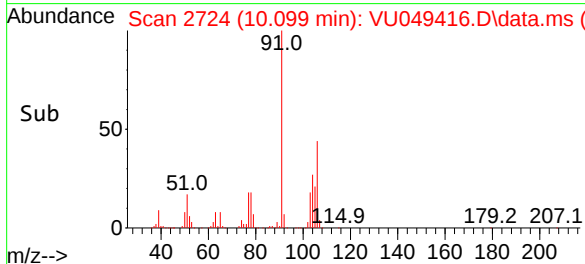
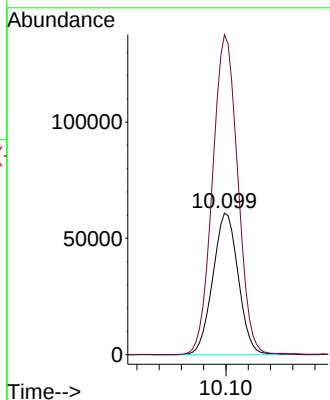
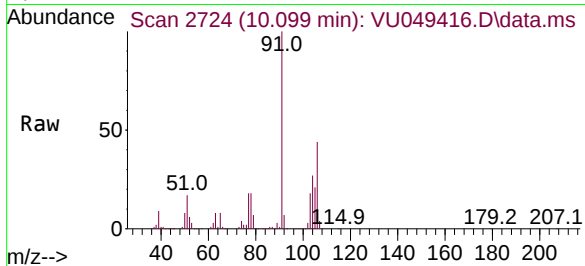




#69
o-Xylene
Concen: 19.159 ug/l
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

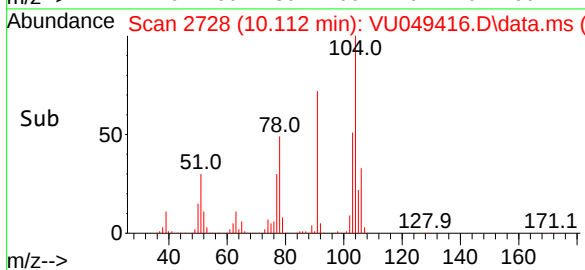
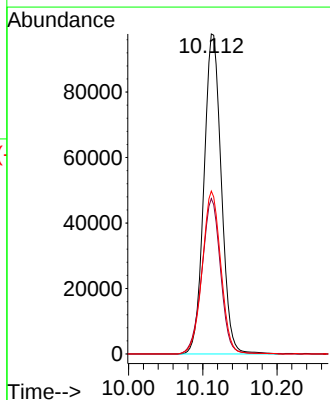
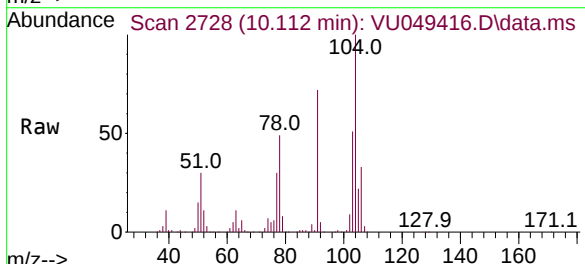
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

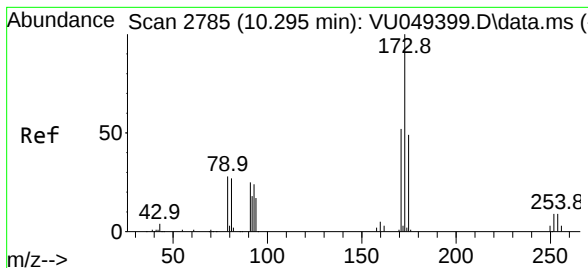
Tgt Ion:106 Resp: 96568
Ion Ratio Lower Upper
106 100
91 225.3 103.5 310.5



#70
Styrene
Concen: 19.588 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:104 Resp: 158637
Ion Ratio Lower Upper
104 100
78 52.1 38.0 57.0
103 54.4 43.9 65.9





#71

Bromoform

Concen: 18.028 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

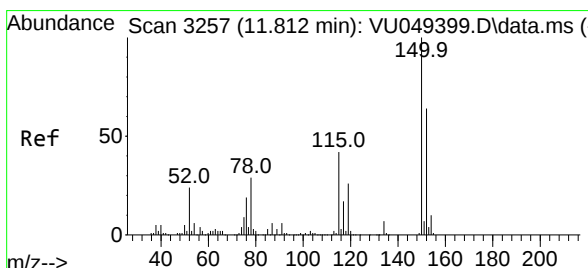
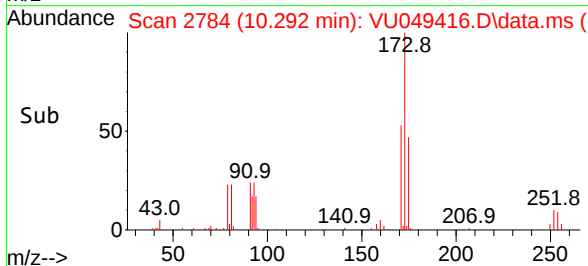
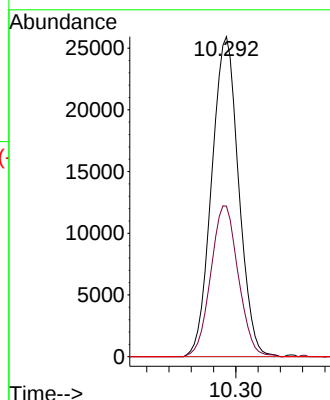
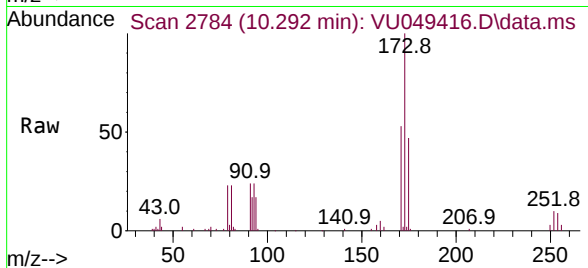
Tgt Ion:173 Resp: 43596

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.809 min Scan# 3256

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

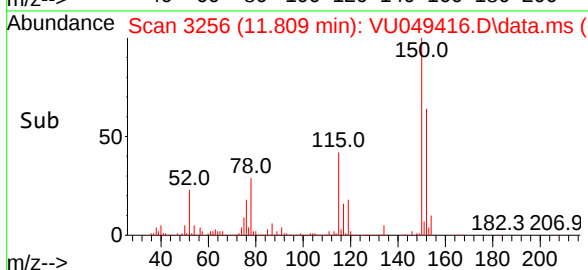
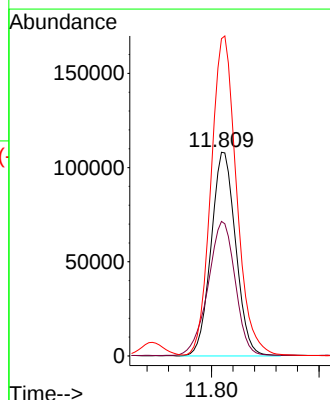
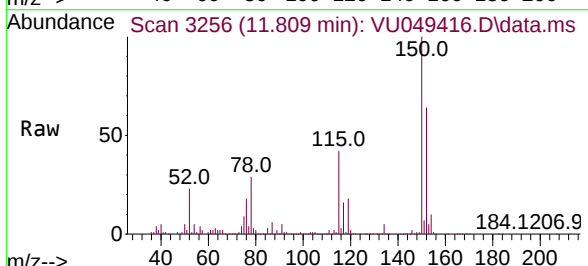
Tgt Ion:152 Resp: 171982

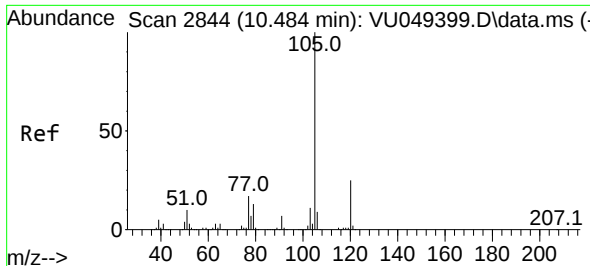
Ion Ratio Lower Upper

152 100

115 72.1 37.0 110.9

150 163.3 0.0 342.2

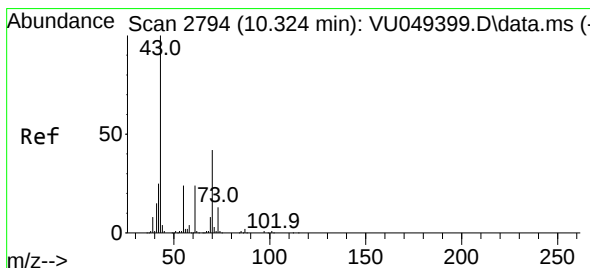
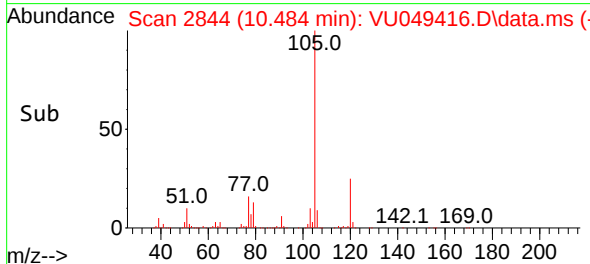
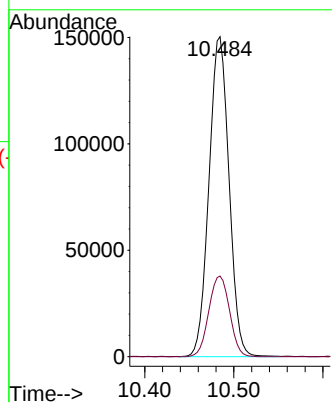
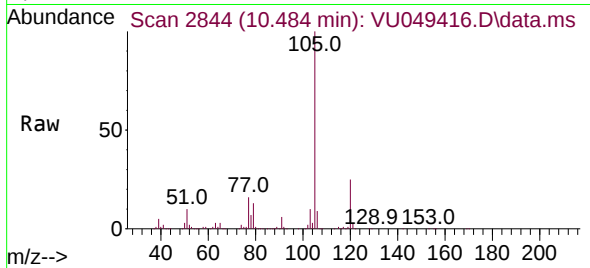




#73
Isopropylbenzene
Concen: 19.164 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

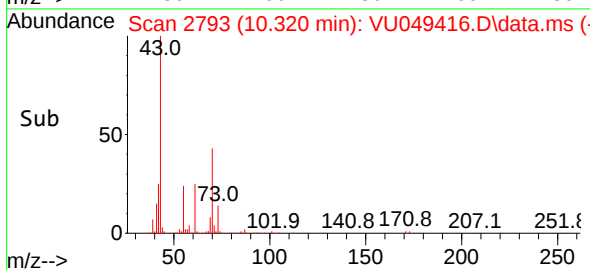
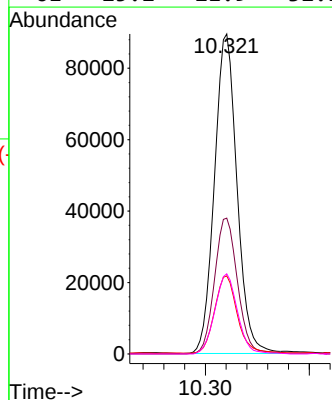
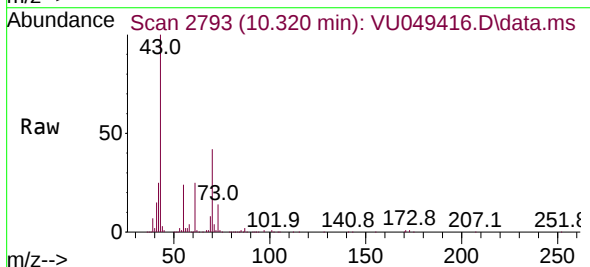
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

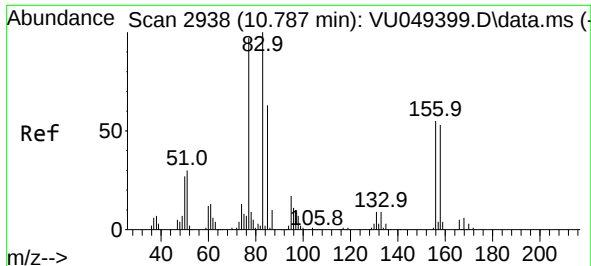
Tgt Ion:105 Resp: 234780
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4



#74
N-ethyl acetate
Concen: 20.812 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 43 Resp: 134947
Ion Ratio Lower Upper
43 100
70 43.4 38.7 58.1
55 24.4 21.8 32.8
61 25.2 21.9 32.9

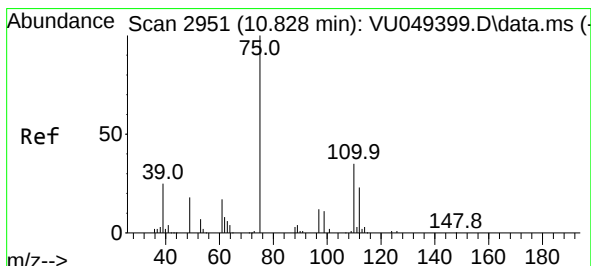
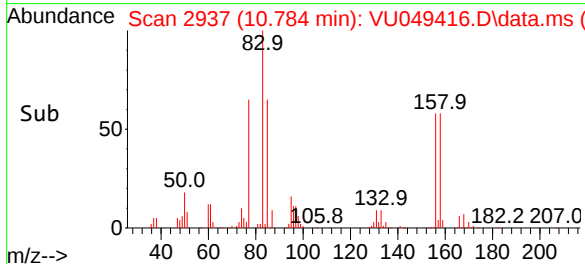
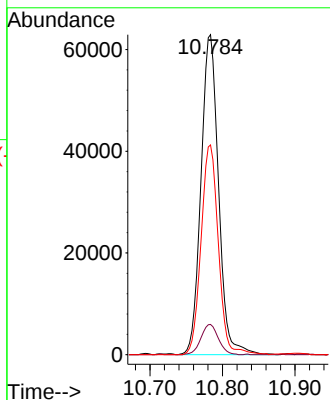
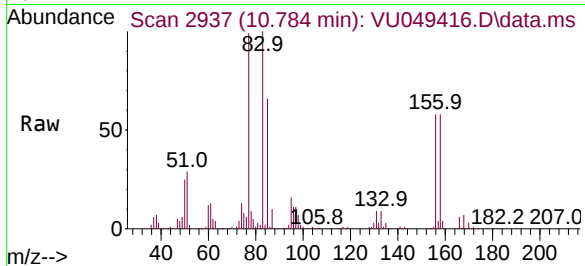




#75
1,1,2,2-Tetrachloroethane
Concen: 20.399 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

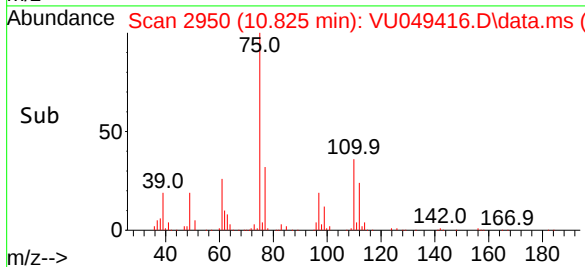
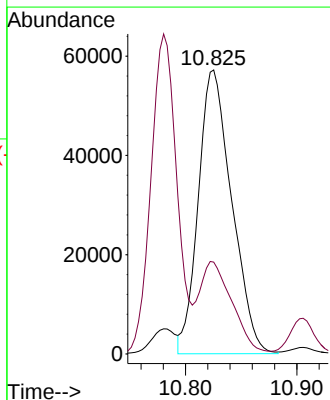
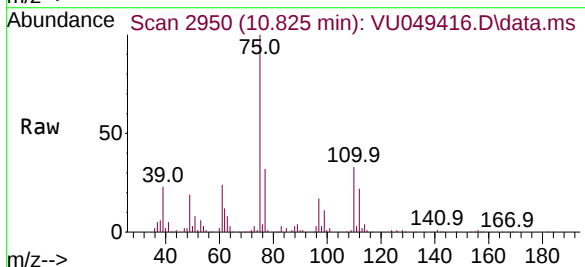
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

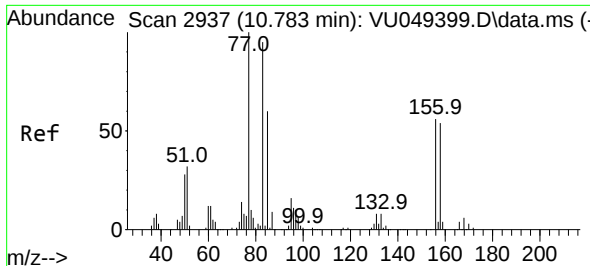
Tgt Ion: 83 Resp: 105863
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 20.468 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 75 Resp: 119328
Ion Ratio Lower Upper
75 100
77 31.5 15.8 47.3

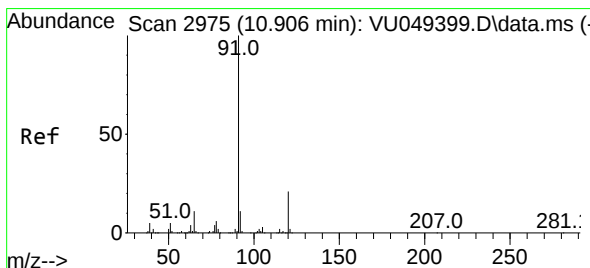
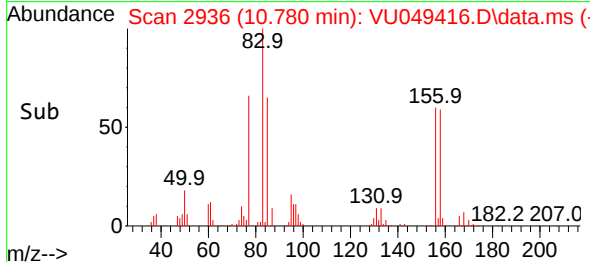
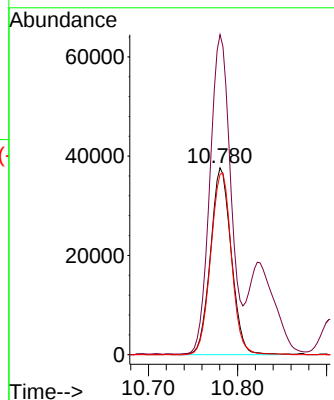
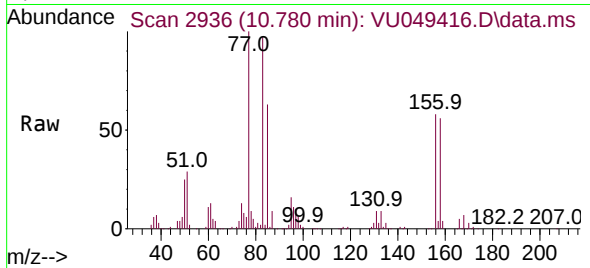




#77
Bromobenzene
Concen: 20.416 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

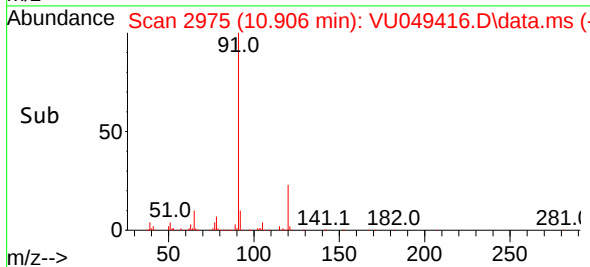
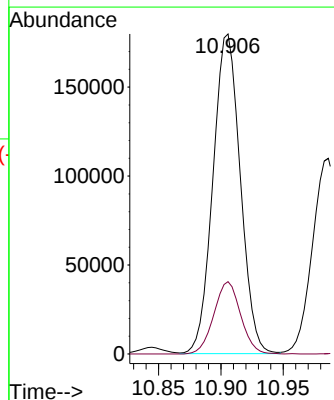
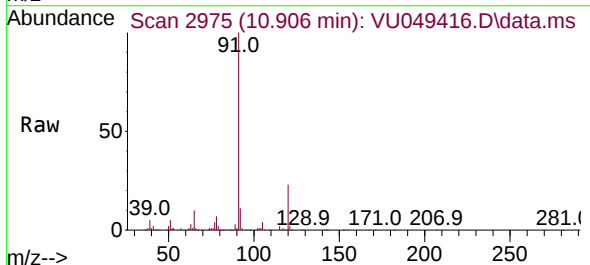
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

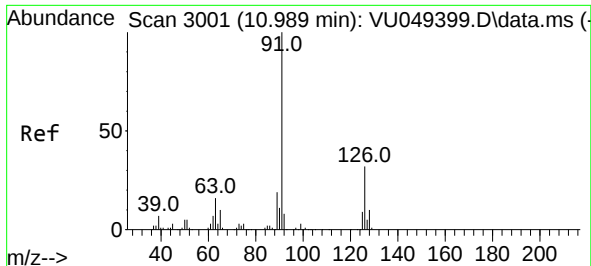
Tgt Ion:156 Resp: 61053
Ion Ratio Lower Upper
156 100
77 171.0 71.9 215.6
158 96.9 48.9 146.8



#78
n-propylbenzene
Concen: 18.435 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 91 Resp: 274444
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

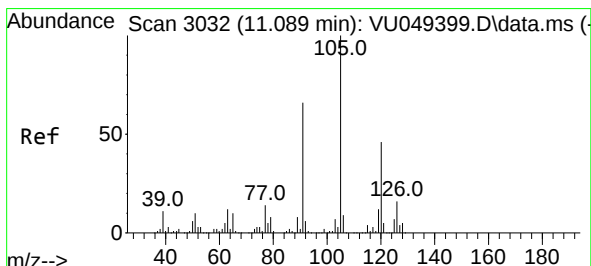
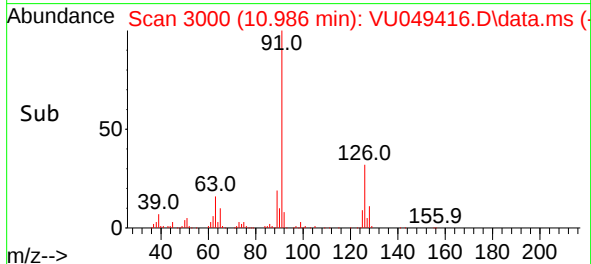
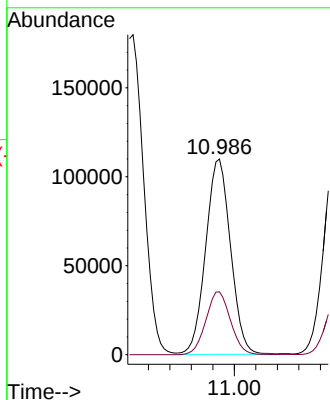
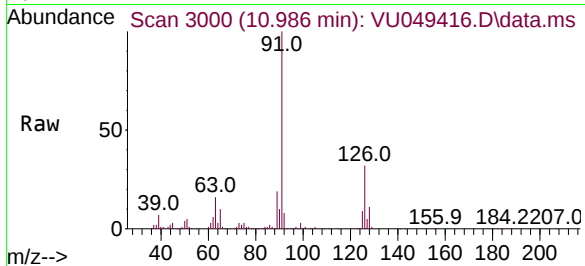




#79
2-Chlorotoluene
Concen: 19.219 ug/l
RT: 10.986 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

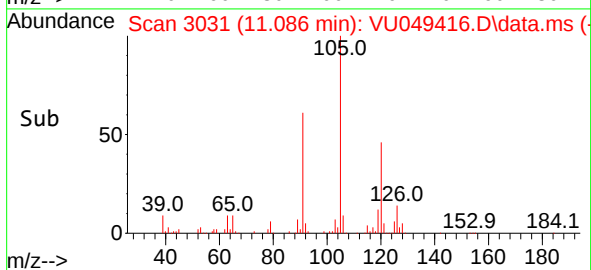
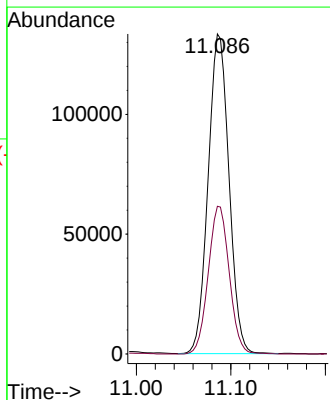
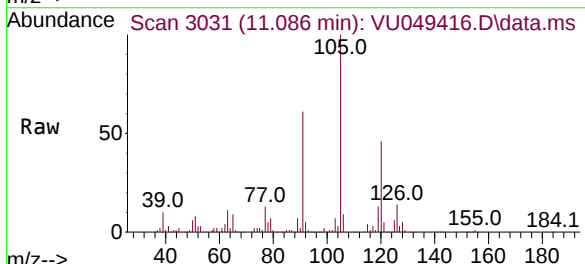
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS01

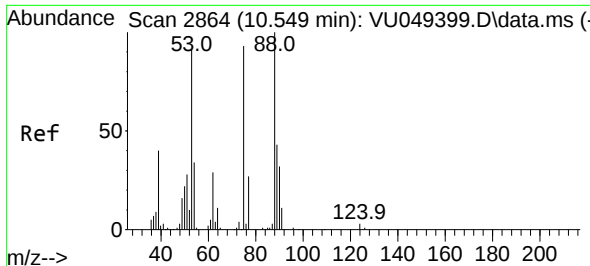
Tgt Ion: 91 Resp: 176275
Ion Ratio Lower Upper
91 100
126 31.8 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 19.082 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 105 Resp: 204090
Ion Ratio Lower Upper
105 100
120 46.5 25.3 75.9

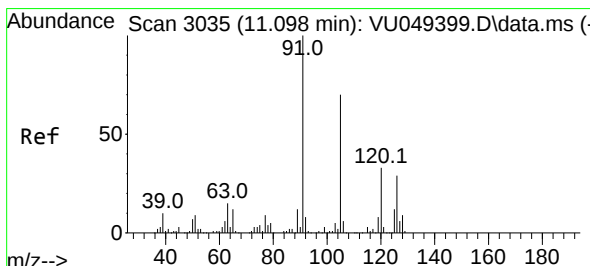
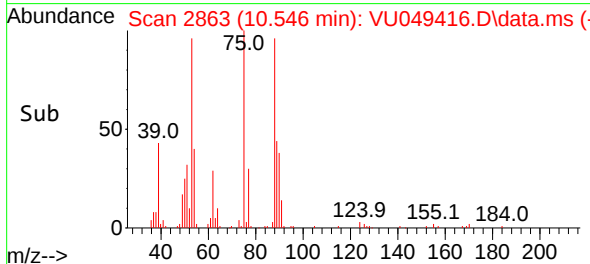
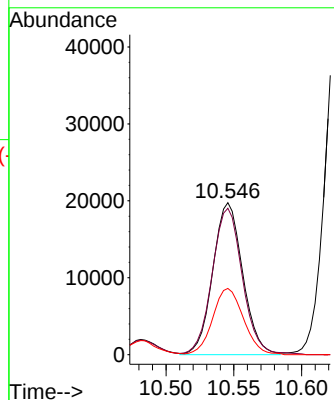
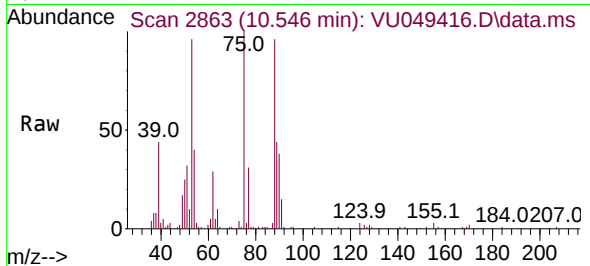




#81
trans-1,4-Dichloro-2-butene
Concen: 19.188 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

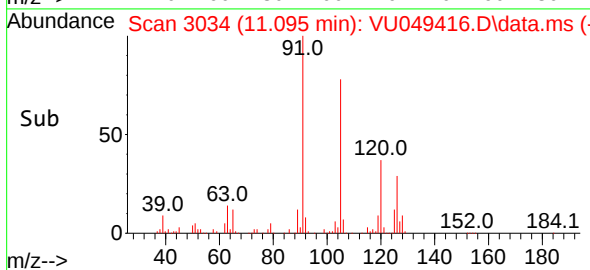
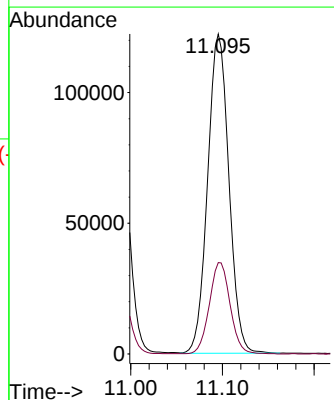
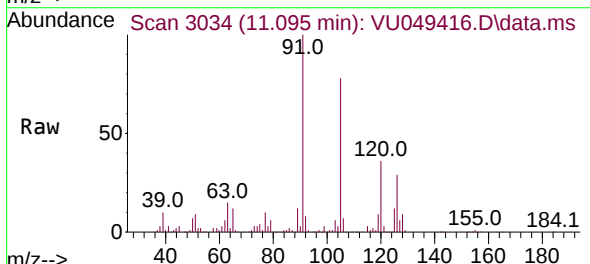
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

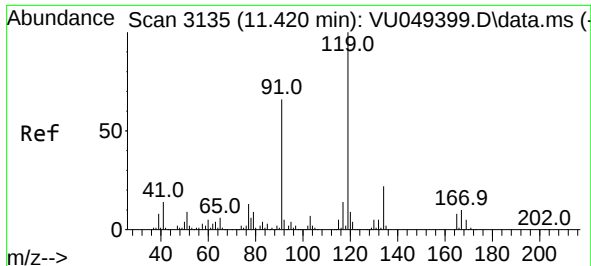
Tgt Ion: 75 Resp: 30293
Ion Ratio Lower Upper
75 100
53 97.7 69.2 103.8
89 45.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.072 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 91 Resp: 196731
Ion Ratio Lower Upper
91 100
126 28.1 16.1 48.2

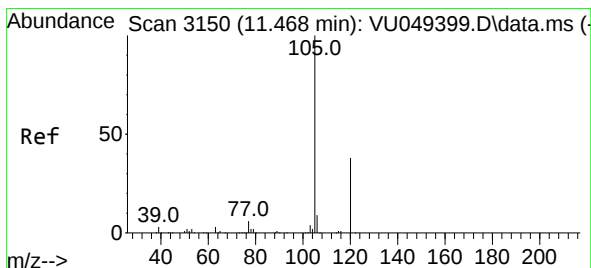
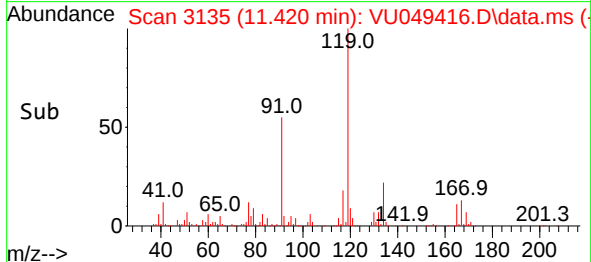
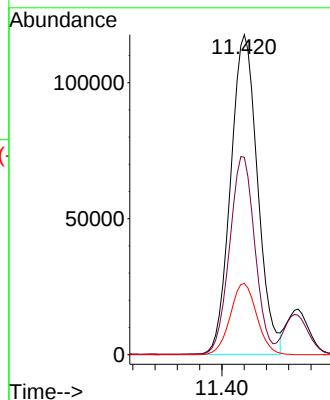
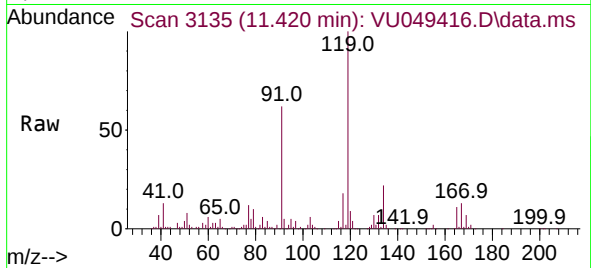




#83
tert-Butylbenzene
Concen: 18.781 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

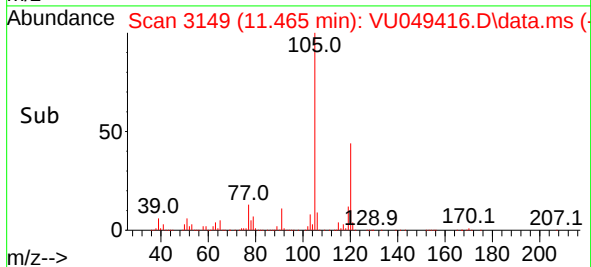
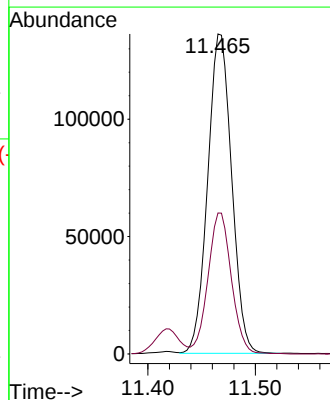
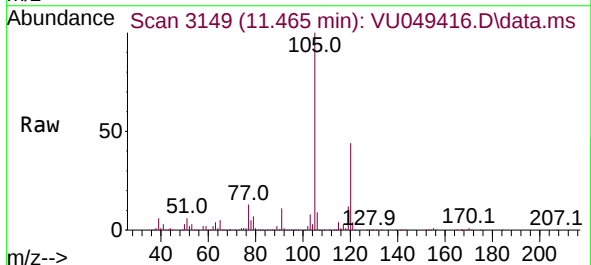
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

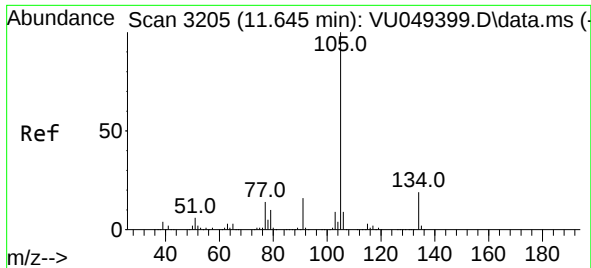
Tgt Ion:119 Resp: 197579
Ion Ratio Lower Upper
119 100
91 58.0 26.8 80.3
134 22.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 20.038 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion:105 Resp: 210552
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3

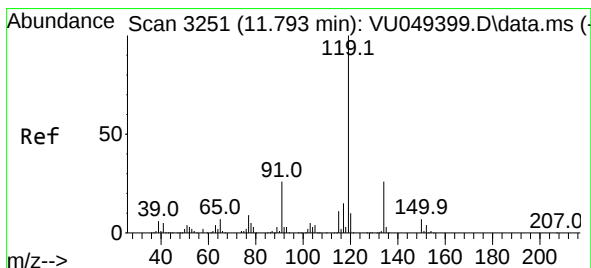
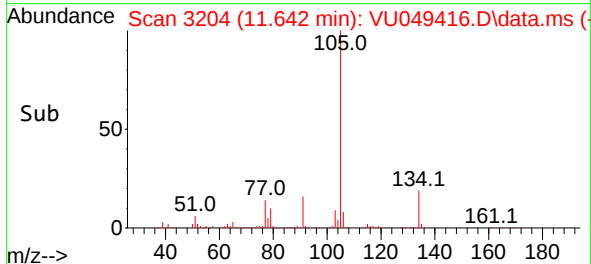
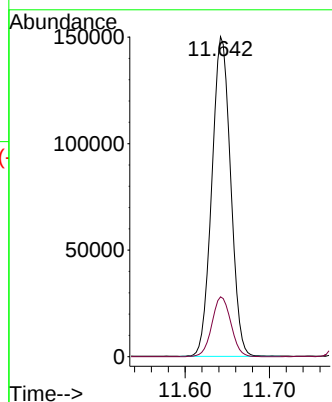
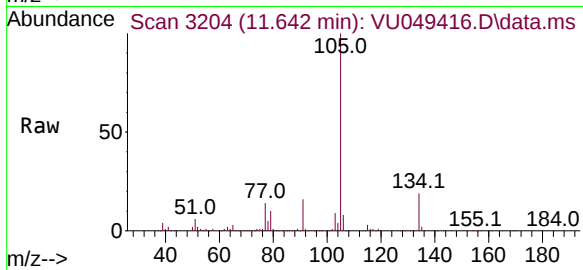




#85
 sec-Butylbenzene
 Concen: 17.511 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

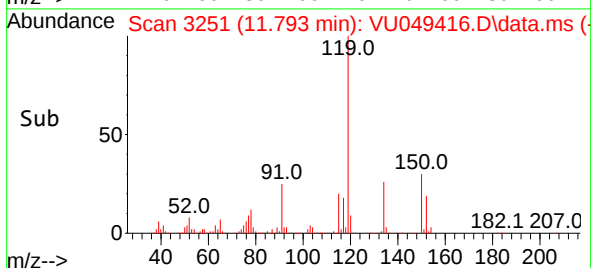
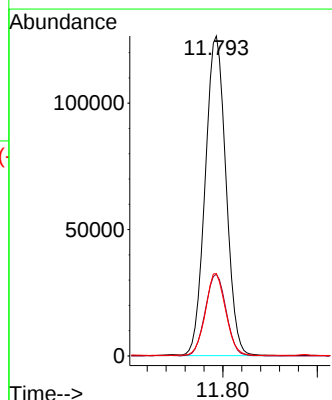
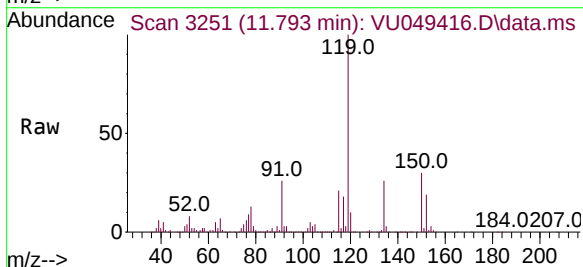
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD01

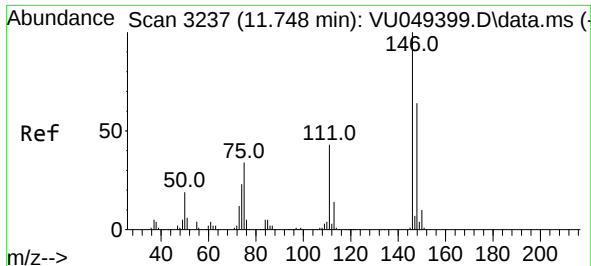
Tgt Ion:105 Resp: 231614
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 17.969 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049416.D
 Acq: 27 Jun 2022 20:16

Tgt Ion:119 Resp: 192197
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 25.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.841 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

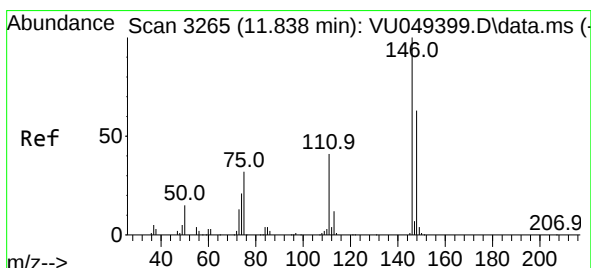
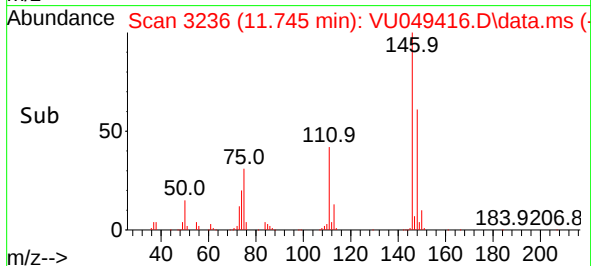
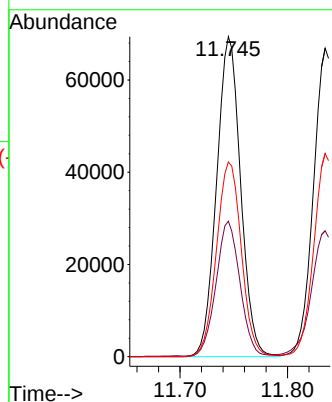
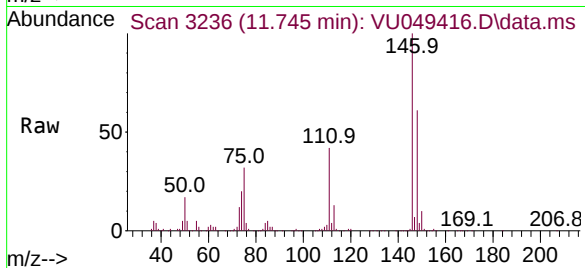
Tgt Ion:146 Resp: 107716

Ion Ratio Lower Upper

146 100

111 41.9 18.9 56.5

148 62.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.461 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

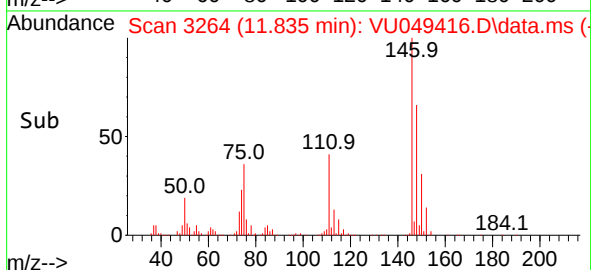
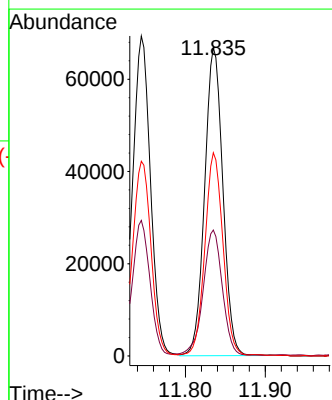
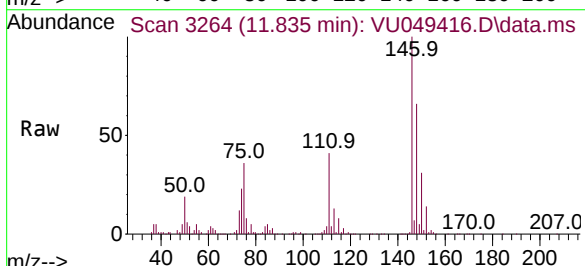
Tgt Ion:146 Resp: 106085

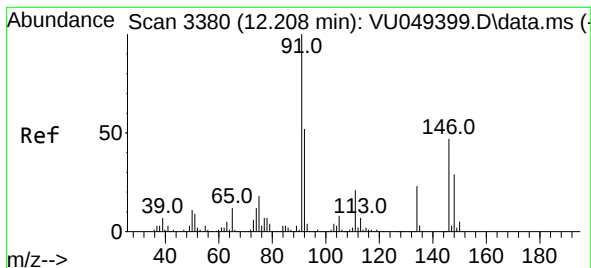
Ion Ratio Lower Upper

146 100

111 42.9 18.5 55.5

148 64.8 31.9 95.7





#89

n-Butylbenzene

Concen: 17.053 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

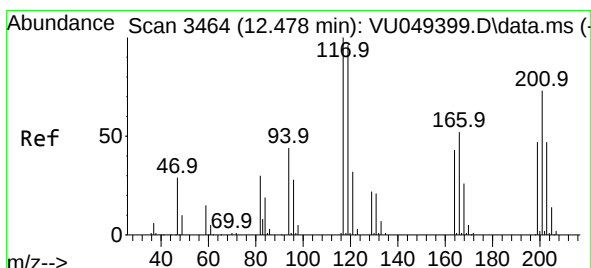
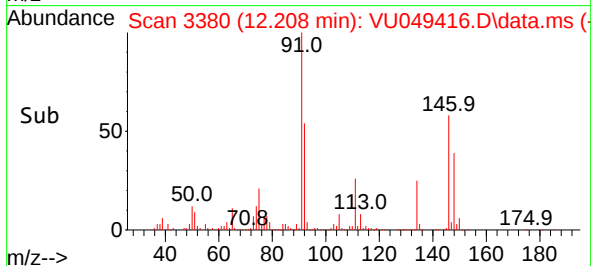
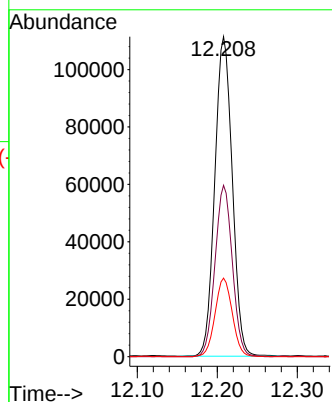
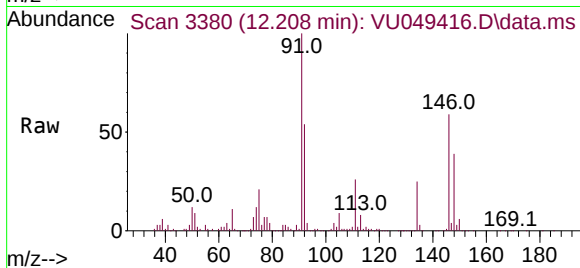
Tgt Ion: 91 Resp: 168849

Ion Ratio Lower Upper

91 100

92 53.1 26.2 78.6

134 24.2 13.5 40.4



#90

Hexachloroethane

Concen: 16.135 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU049416.D

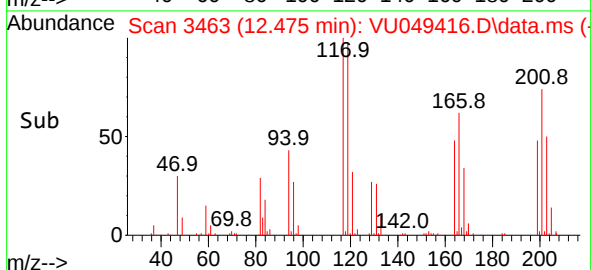
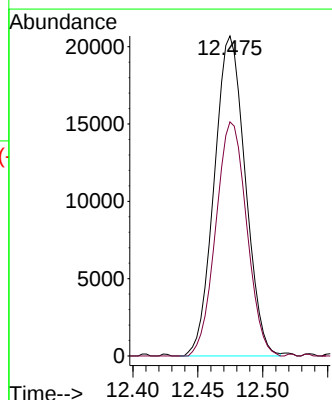
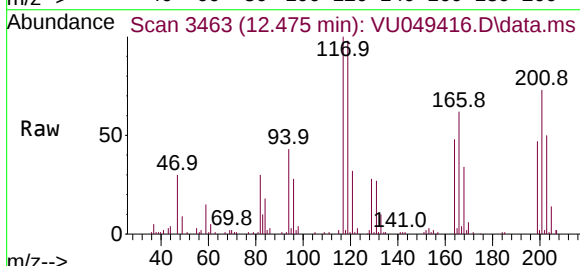
Acq: 27 Jun 2022 20:16

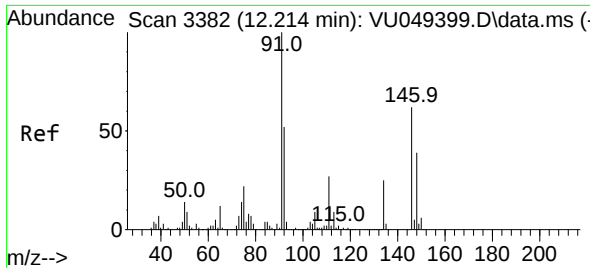
Tgt Ion: 117 Resp: 34375

Ion Ratio Lower Upper

117 100

201 72.8 44.6 134.0

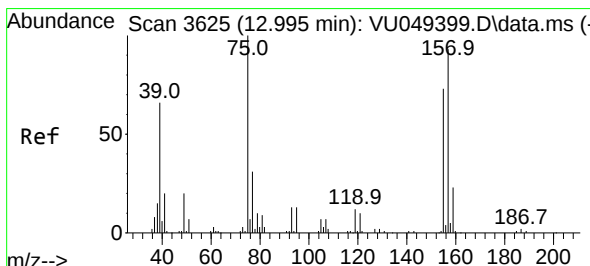
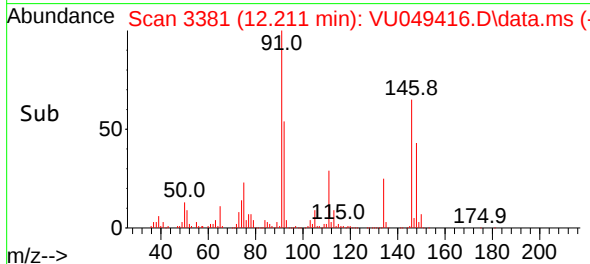
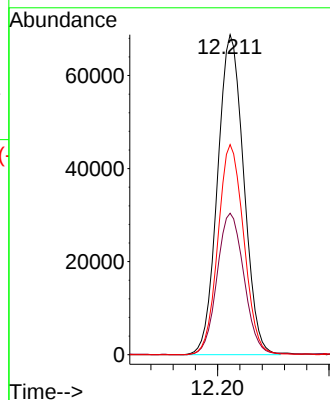
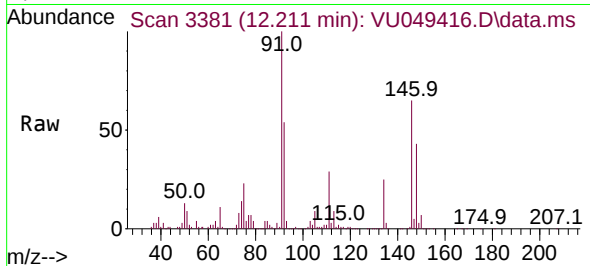




#91
1,2-Dichlorobenzene
Concen: 19.528 ug/l
RT: 12.211 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

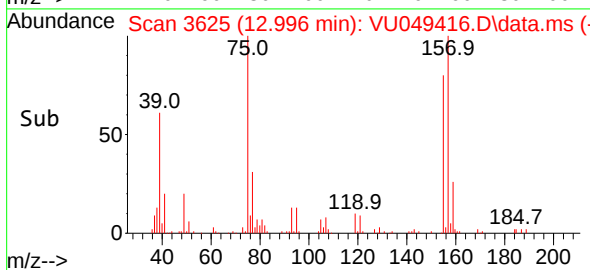
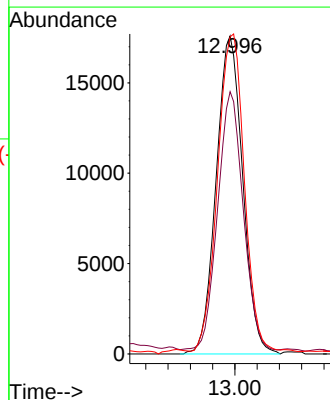
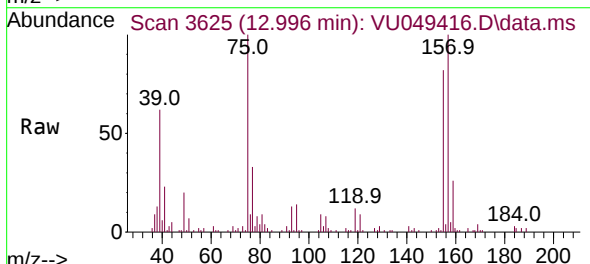
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD01

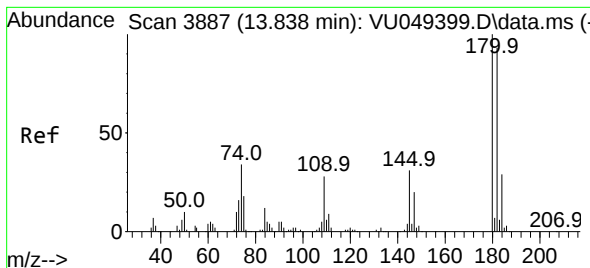
Tgt Ion:146 Resp: 112179
Ion Ratio Lower Upper
146 100
111 45.6 19.9 59.6
148 64.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.878 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049416.D
Acq: 27 Jun 2022 20:16

Tgt Ion: 75 Resp: 29114
Ion Ratio Lower Upper
75 100
155 77.9 47.8 143.4
157 100.0 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 20.338 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

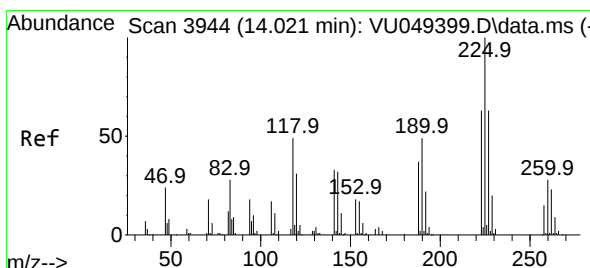
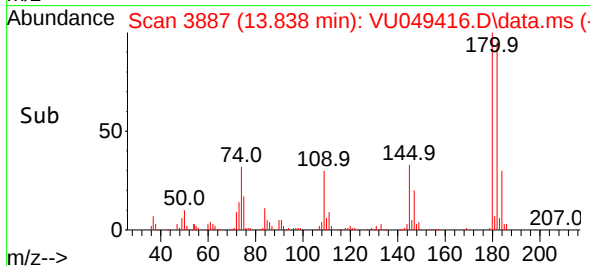
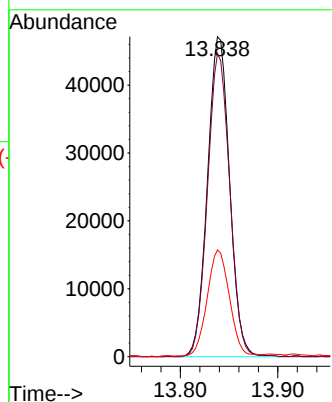
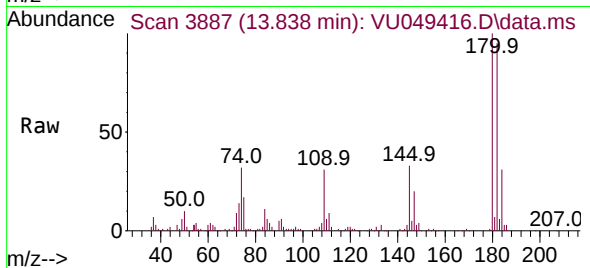
Tgt Ion:180 Resp: 74248

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 33.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 14.013 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

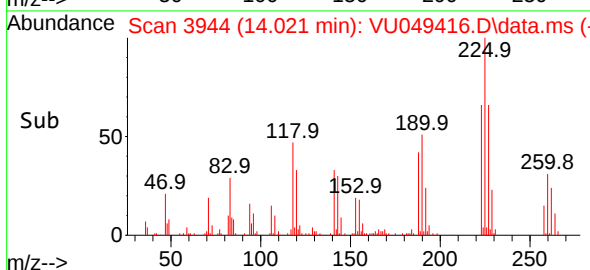
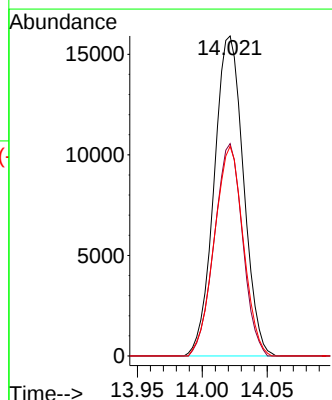
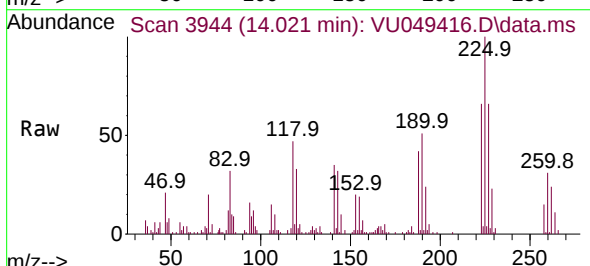
Tgt Ion:225 Resp: 24971

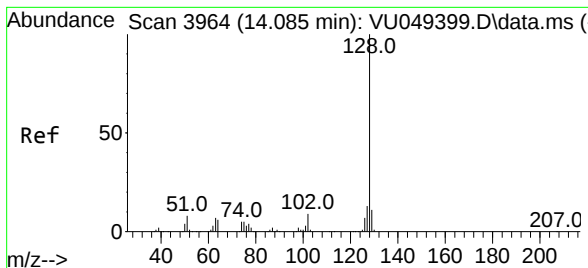
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.9

227 64.6 32.0 96.2





#95

Naphthalene

Concen: 24.609 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD01

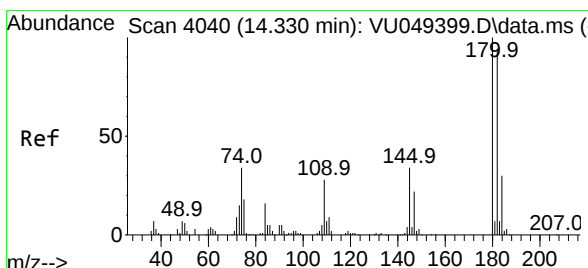
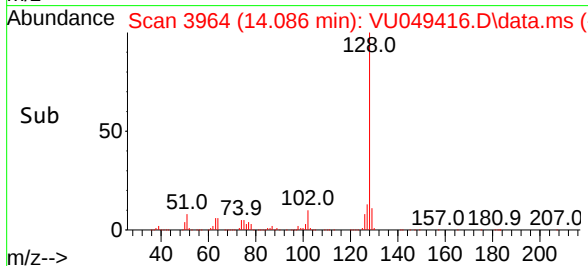
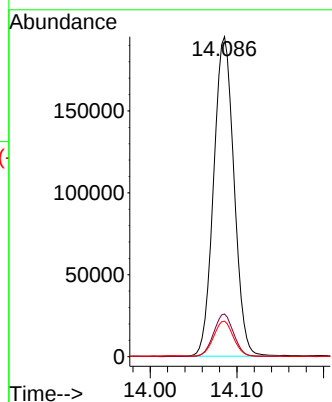
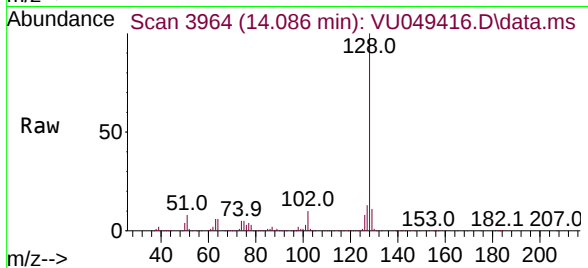
Tgt Ion:128 Resp: 319048

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.891 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049416.D

Acq: 27 Jun 2022 20:16

Tgt Ion:180 Resp: 80015

Ion Ratio Lower Upper

180 100

182 94.8 48.4 145.0

145 35.9 14.8 44.4

