

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049443.D
 Acq On : 28 Jun 2022 07:46
 Operator : SY/MD
 Sample : VU0627MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

Quant Time: Jun 28 08:32:02 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	231606	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	429008	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	387118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	181621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	191780	53.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.540%	
35) Dibromofluoromethane	5.288	113	153763	51.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	7.896	98	542767	50.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	10.632	95	202565	49.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	61959	16.648	ug/l	99
3) Chloromethane	1.523	50	90394	19.373	ug/l	99
4) Vinyl Chloride	1.604	62	69954	18.670	ug/l	96
5) Bromomethane	1.854	94	25808	22.151	ug/l	100
6) Chloroethane	1.928	64	41086	24.774	ug/l	97
7) Trichlorofluoromethane	2.134	101	83479	17.481	ug/l	99
8) Diethyl Ether	2.375	74	39978	23.176	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	48862	19.018	ug/l	96
10) Methyl Iodide	2.719	142	65461	29.543	ug/l	95
11) Tert butyl alcohol	3.195	59	124494	149.119	ug/l	# 51
12) 1,1-Dichloroethene	2.578	96	52008	20.675	ug/l	93
13) Acrolein	2.488	56	46480	82.211	ug/l	99
14) Allyl chloride	2.922	41	103161	20.291	ug/l	# 86
15) Acrylonitrile	3.314	53	234599	116.838	ug/l	99
16) Acetone	2.629	43	194513	108.138	ug/l	98
17) Carbon Disulfide	2.790	76	146487	18.673	ug/l	100
18) Methyl Acetate	2.951	43	107276	22.031	ug/l	91
19) Methyl tert-butyl Ether	3.362	73	210812	22.532	ug/l	100
20) Methylene Chloride	3.044	84	75104	24.707	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	58193	21.460	ug/l	93
22) Diisopropyl ether	3.989	45	218505	22.511	ug/l	84
23) Vinyl Acetate	3.954	43	944328	110.995	ug/l	94
24) 1,1-Dichloroethane	3.870	63	119783	21.483	ug/l	97
25) 2-Butanone	4.703	43	304608	112.998	ug/l	93
26) 2,2-Dichloropropane	4.661	77	52692	11.355	ug/l	97
27) cis-1,2-Dichloroethene	4.668	96	72328	23.085	ug/l	96
28) Bromochloromethane	4.973	49	49101	20.147	ug/l	# 77
29) Tetrahydrofuran	5.050	42	207543	112.229	ug/l	88
30) Chloroform	5.089	83	116942	21.203	ug/l	98
31) Cyclohexane	5.388	56	97088	18.128	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	94549	19.758	ug/l	99
36) 1,1-Dichloropropene	5.526	75	76615	17.604	ug/l	99
37) Ethyl Acetate	4.803	43	116766	19.635	ug/l	# 94
38) Carbon Tetrachloride	5.526	117	79343	17.384	ug/l	99
39) Methylcyclohexane	6.764	83	84814	16.259	ug/l	92
40) Benzene	5.774	78	262289	19.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	60859	20.423	ug/l	89
42) 1,2-Dichloroethane	5.793	62	93761	19.173	ug/l	99
43) Isopropyl Acetate	5.912	43	173857	19.952	ug/l	97
44) Trichloroethene	6.542	130	58511	18.732	ug/l	83
45) 1,2-Dichloropropane	6.790	63	71916	19.753	ug/l	98
46) Dibromomethane	6.919	93	49120	20.236	ug/l	90
47) Bromodichloromethane	7.105	83	90280	19.323	ug/l	100
48) Methyl methacrylate	6.960	41	81154	19.873	ug/l	90
49) 1,4-Dioxane	6.986	88	48167	460.389	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	578824	99.253	ug/l	96
52) Toluene	7.967	92	153773	19.690	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	89960	17.950	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	98744	18.453	ug/l	97
55) 1,1,2-Trichloroethane	8.398	97	67464	20.894	ug/l	98
56) Ethyl methacrylate	8.333	69	111397	20.627	ug/l	92
57) 1,3-Dichloropropane	8.574	76	117632	20.537	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	42142	107.592	ug/l	96
59) 2-Hexanone	8.684	43	446142	97.282	ug/l	97
60) Dibromochloromethane	8.809	129	67444	20.086	ug/l	100
61) 1,2-Dibromoethane	8.922	107	71922	20.440	ug/l	99
64) Tetrachloroethene	8.552	164	46194	18.604	ug/l	93
65) Chlorobenzene	9.446	112	158311	20.004	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.533	131	61096	20.464	ug/l	98
67) Ethyl Benzene	9.568	91	285186	19.629	ug/l	96
68) m/p-Xylenes	9.693	106	212214	39.476	ug/l	89
69) o-Xylene	10.098	106	108200	20.274	ug/l	89
70) Styrene	10.111	104	175691	20.488	ug/l	96
71) Bromoform	10.288	173	50968	19.905	ug/l #	100
73) Isopropylbenzene	10.481	105	269782	20.852	ug/l	97
74) N-amyl acetate	10.320	43	143065	20.893	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	115658	21.103	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	125498	20.384	ug/l	98
77) Bromobenzene	10.780	156	68534	21.701	ug/l	85
78) n-propylbenzene	10.902	91	309307	19.675	ug/l	96
79) 2-Chlorotoluene	10.983	91	199960	20.645	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	230796	20.433	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	26125	15.670	ug/l	92
82) 4-Chlorotoluene	11.095	91	224313	20.591	ug/l	92
83) tert-Butylbenzene	11.420	119	228119	20.534	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	229835	20.713	ug/l	96
85) sec-Butylbenzene	11.642	105	267018	19.117	ug/l	96
86) p-Isopropyltoluene	11.793	119	214879	19.023	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	120128	19.897	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	119583	19.706	ug/l	96
89) n-Butylbenzene	12.208	91	175224	16.758	ug/l	98
90) Hexachloroethane	12.475	117	39565	17.585	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	126523	20.856	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.995	75	27871	19.833	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	73955	19.282	ug/l	97
94) Hexachlorobutadiene	14.018	225	29383	15.614	ug/l	99
95) Naphthalene	14.085	128	277183	20.553	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	79176	19.649	ug/l	97

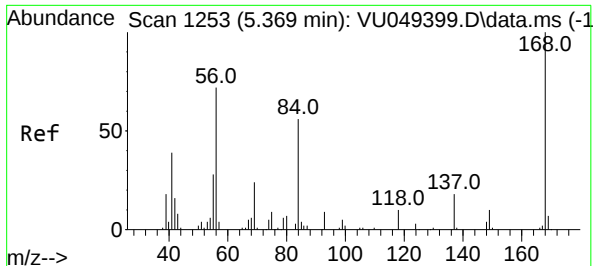
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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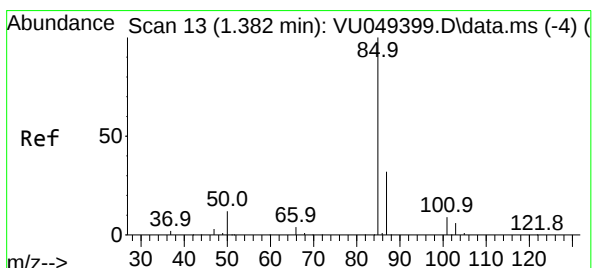
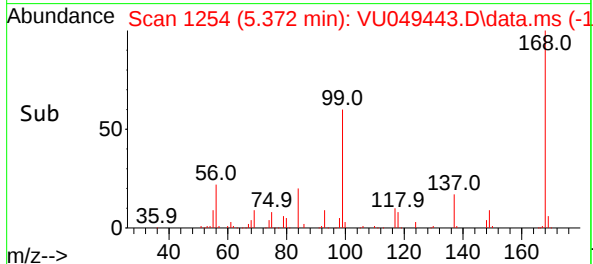
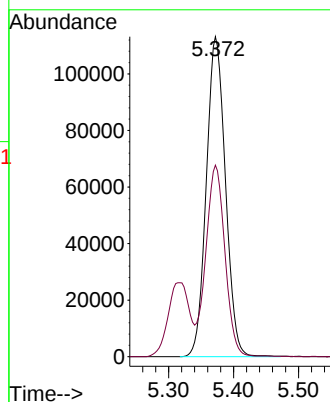
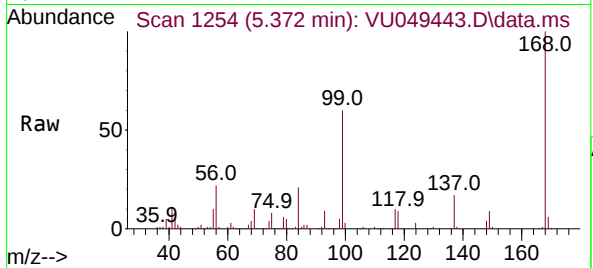
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

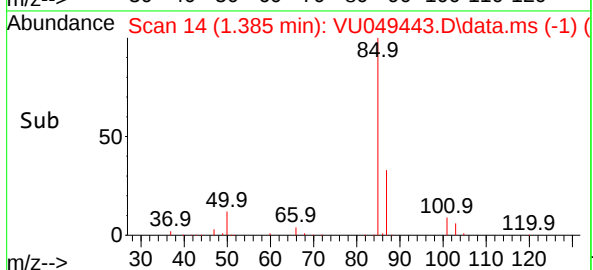
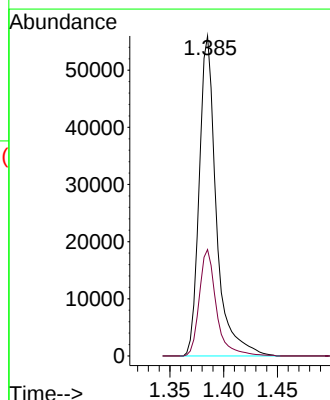
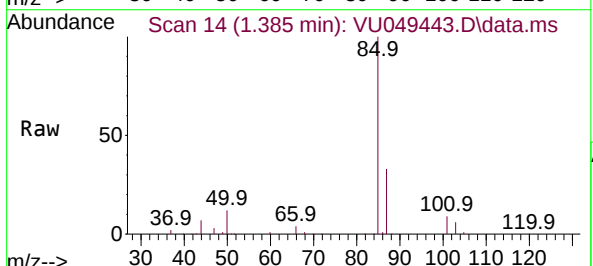
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VU0627MBS02

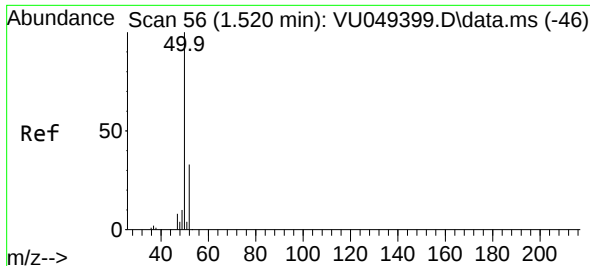
Tgt Ion:168 Resp: 231606
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 16.648 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 85 Resp: 61959
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.2

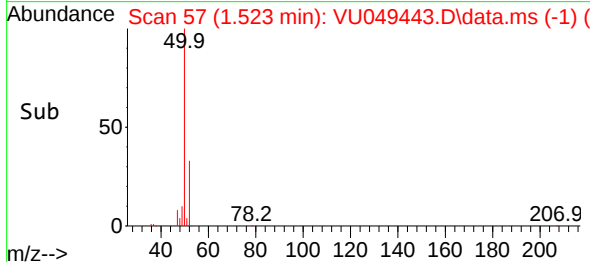
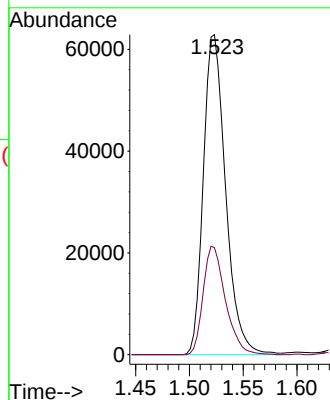
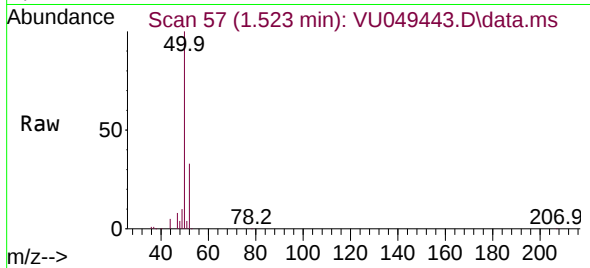




#3
Chloromethane
Concen: 19.373 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

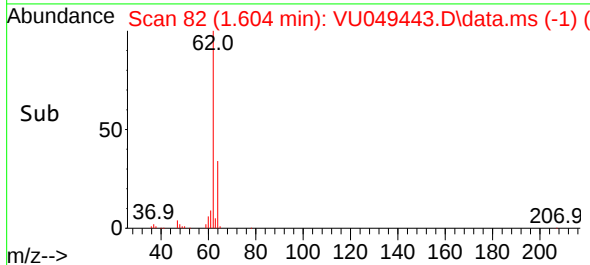
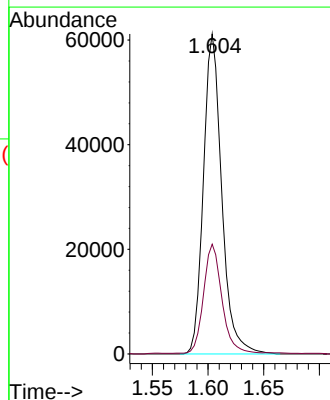
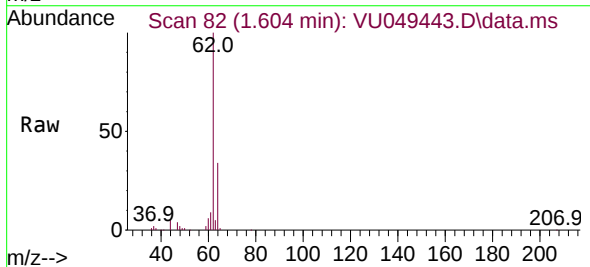
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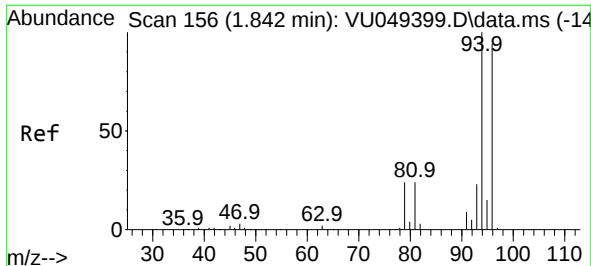
Tgt Ion: 50 Resp: 90394
Ion Ratio Lower Upper
50 100
52 33.5 27.4 41.2



#4
Vinyl Chloride
Concen: 18.670 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 62 Resp: 69954
Ion Ratio Lower Upper
62 100
64 34.1 25.3 37.9

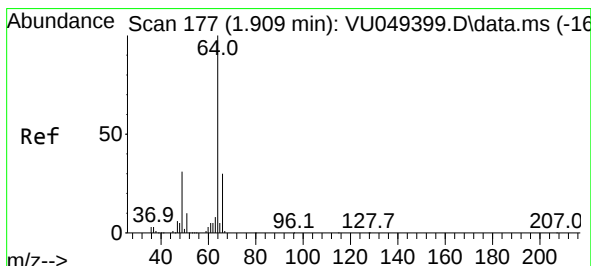
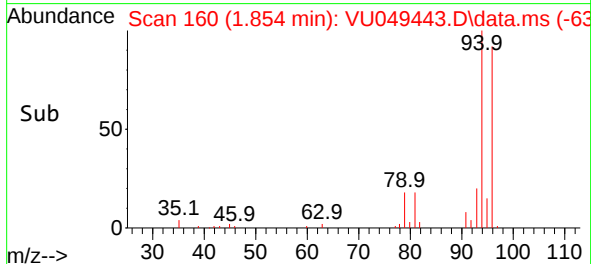
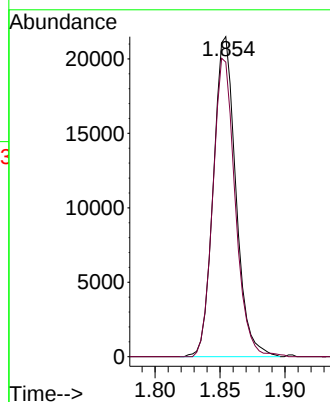
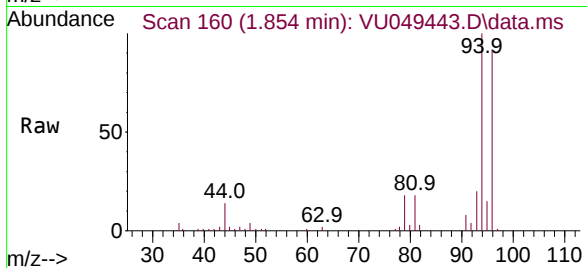




#5
Bromomethane
Concen: 22.151 ug/l
RT: 1.854 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

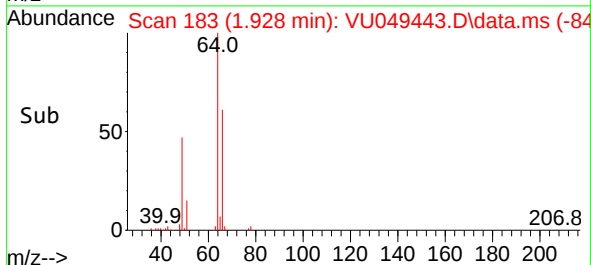
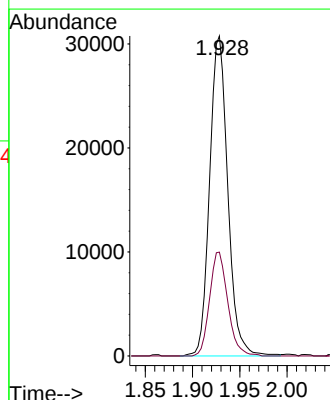
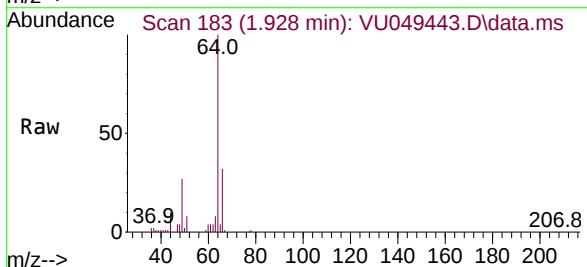
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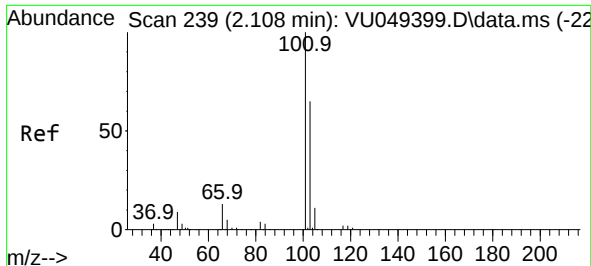
Tgt Ion: 94 Resp: 25808
Ion Ratio Lower Upper
94 100
96 92.1 73.7 110.5



#6
Chloroethane
Concen: 24.774 ug/l
RT: 1.928 min Scan# 183
Delta R.T. 0.019 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 64 Resp: 41086
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

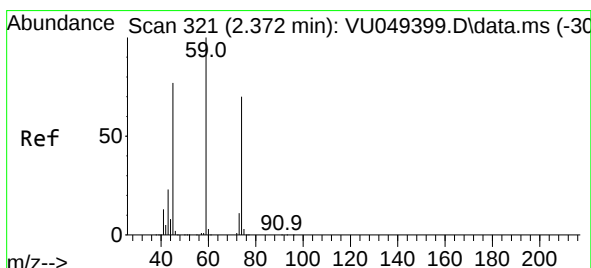
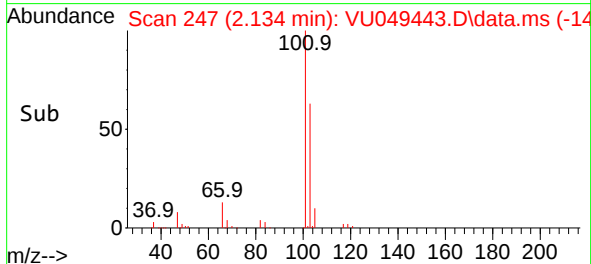
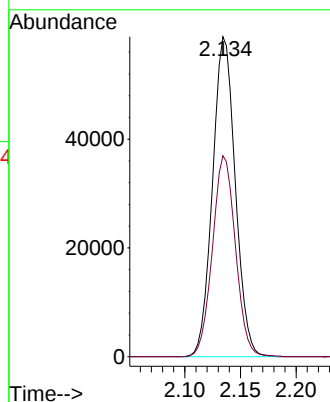
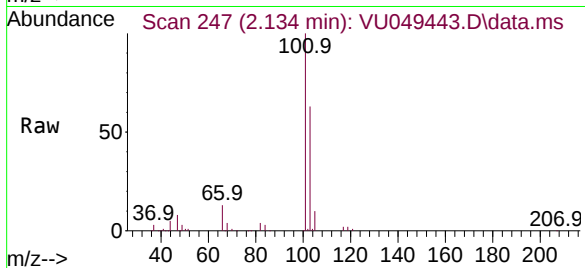




#7
Trichlorofluoromethane
Concen: 17.481 ug/l
RT: 2.134 min Scan# 241
Delta R.T. 0.026 min
Lab File: VU049443.D
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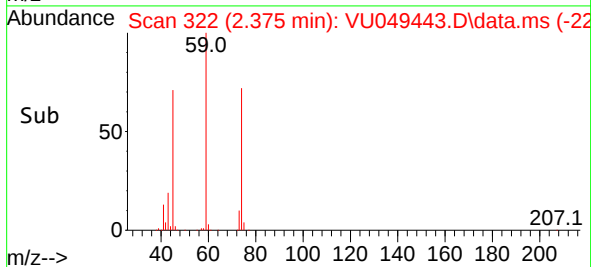
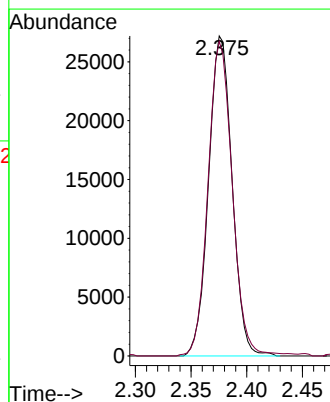
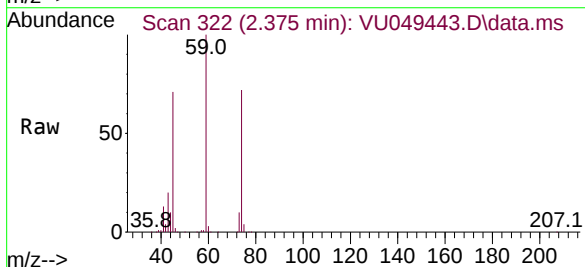
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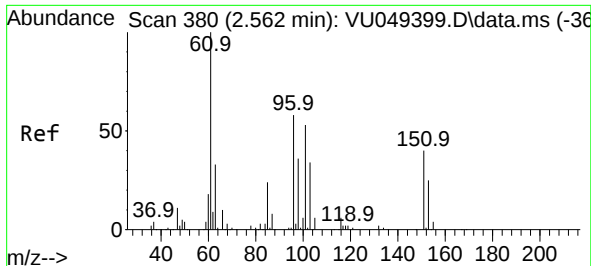
Tgt Ion:101 Resp: 83479
Ion Ratio Lower Upper
101 100
103 62.8 50.6 75.8



#8
Diethyl Ether
Concen: 23.176 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 74 Resp: 39978
Ion Ratio Lower Upper
74 100
45 101.4 44.4 133.2

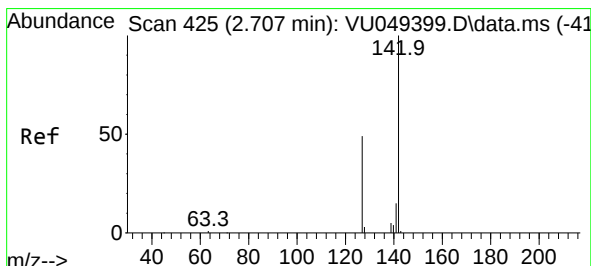
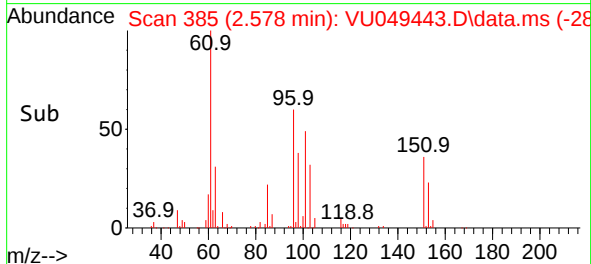
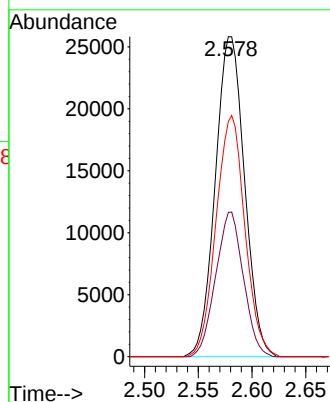
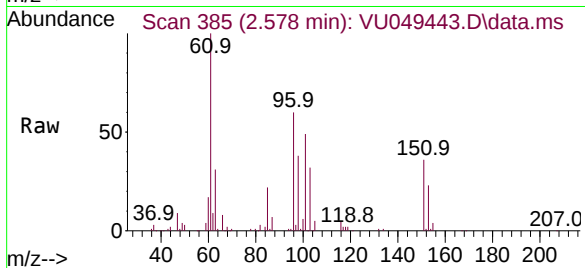




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.018 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049443.D
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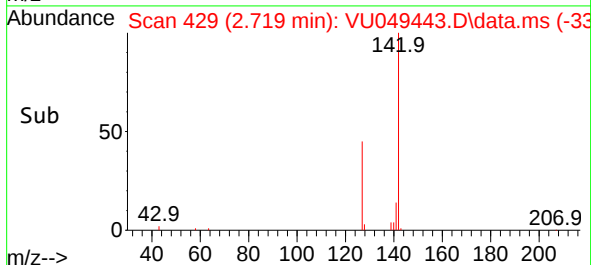
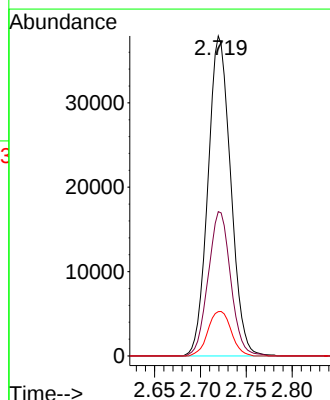
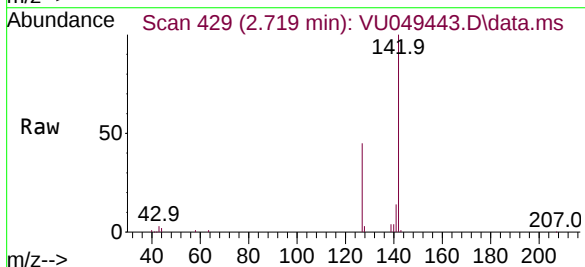
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

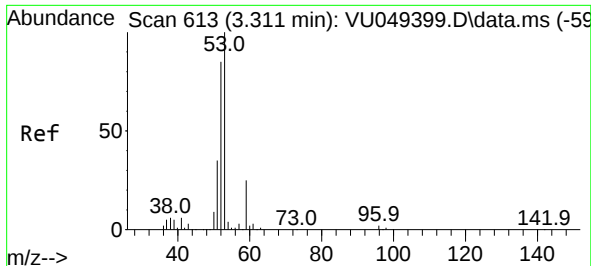
Tgt Ion:101 Resp: 48862
Ion Ratio Lower Upper
101 100
85 42.8 33.9 50.9
151 74.4 64.0 96.0



#10
Methyl Iodide
Concen: 29.543 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion:142 Resp: 65461
Ion Ratio Lower Upper
142 100
127 44.6 32.5 48.7
141 14.2 11.4 17.0

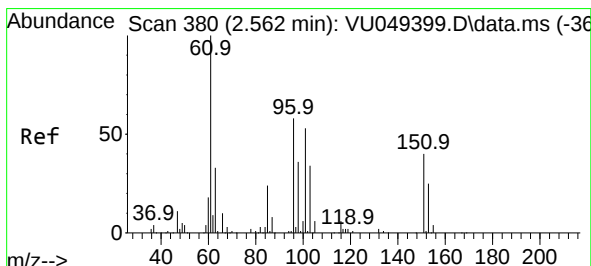
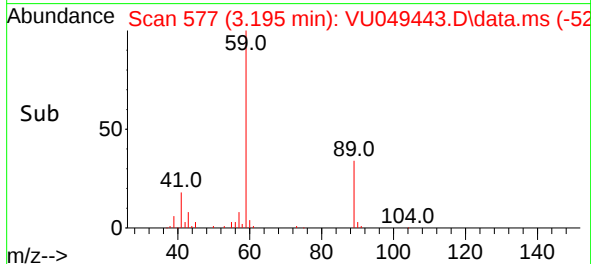
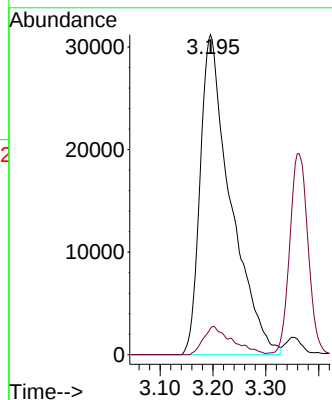
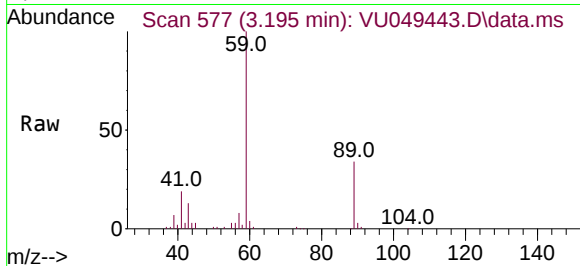




#11
Tert butyl alcohol
Concen: 149.119 ug/l
RT: 3.195 min Scan# 51
Delta R.T. -0.116 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

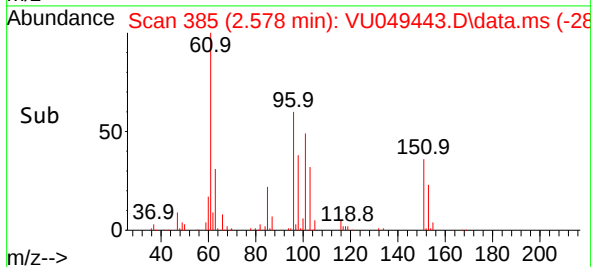
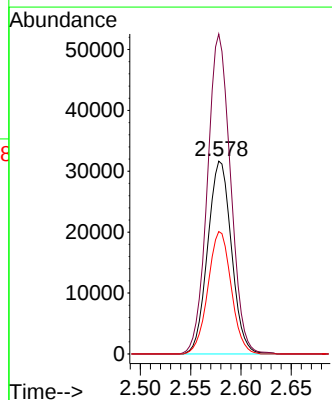
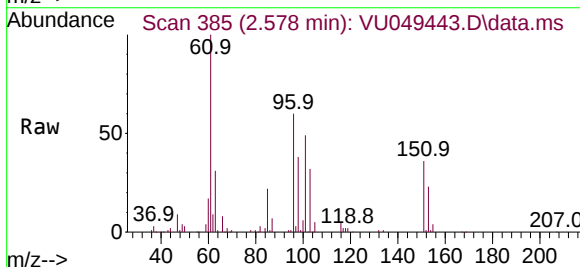
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

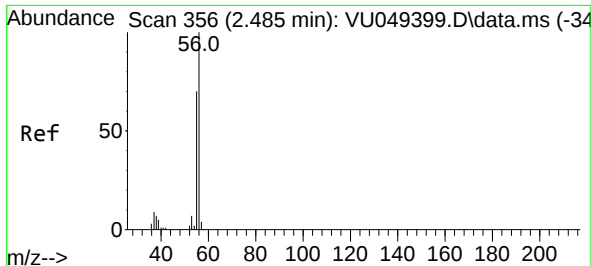
Tgt Ion: 59 Resp: 124494
Ion Ratio Lower Upper
59 100
57 8.4 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 20.675 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 96 Resp: 52008
Ion Ratio Lower Upper
96 100
61 166.0 122.2 183.2
98 63.5 50.7 76.1





#13

Acrolein

Concen: 82.211 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

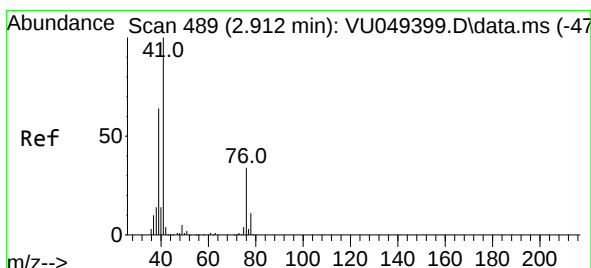
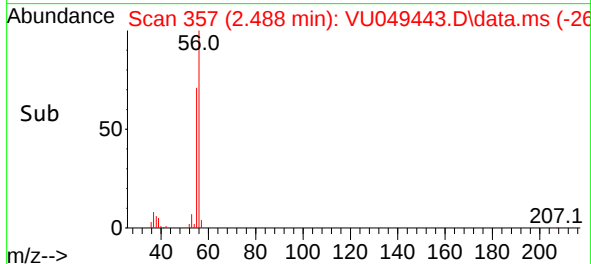
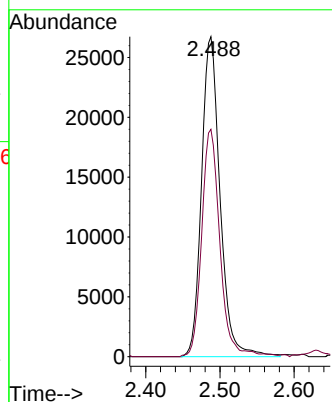
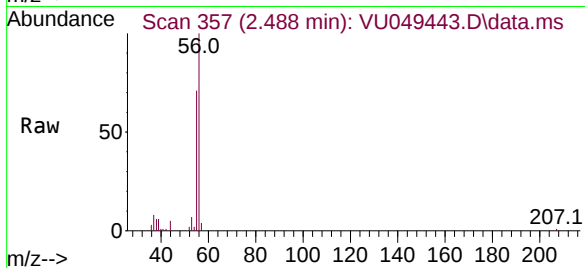
VU0627MBS02

Tgt Ion: 56 Resp: 46480

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 20.291 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.010 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

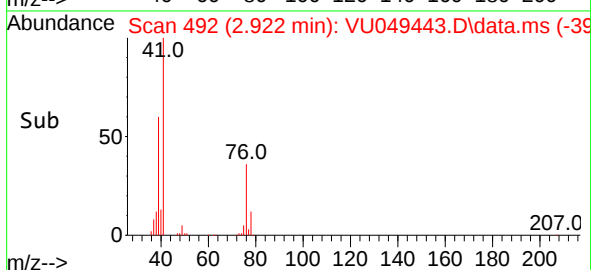
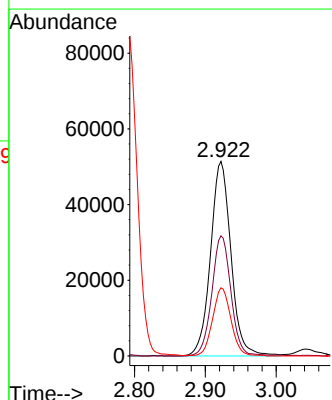
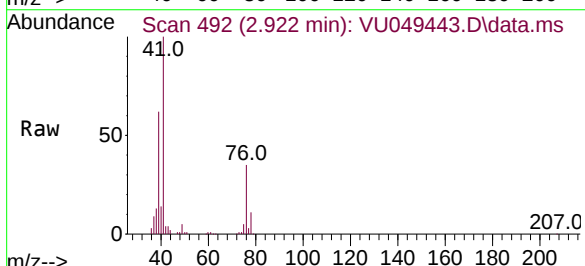
Tgt Ion: 41 Resp: 103161

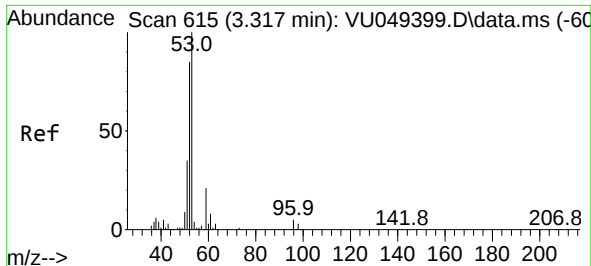
Ion Ratio Lower Upper

41 100

39 57.6 53.4 80.2

76 31.5 33.8 50.6#

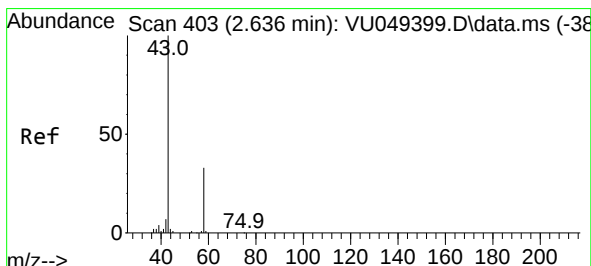
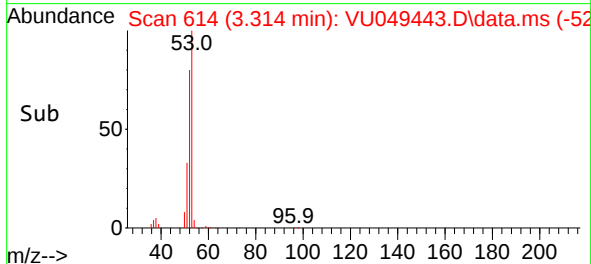
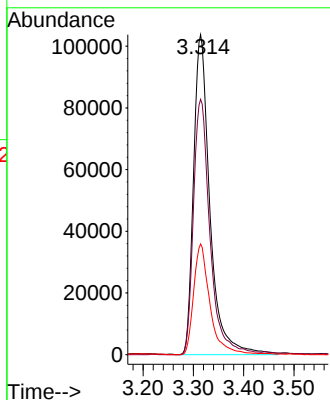
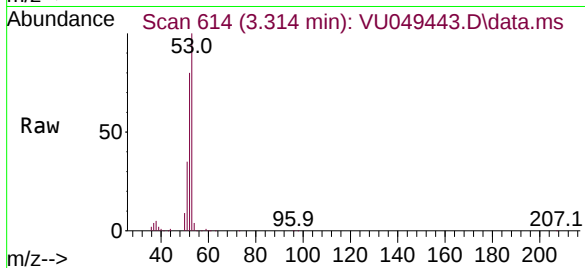




#15
Acrylonitrile
Concen: 116.838 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

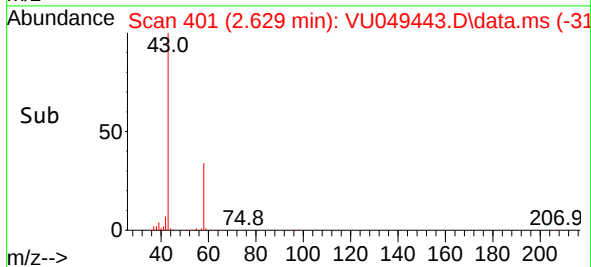
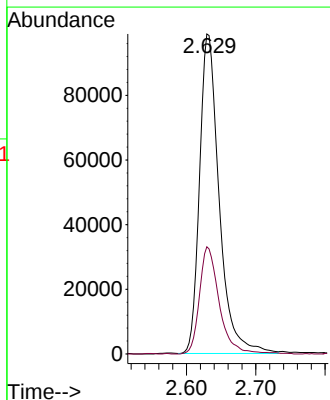
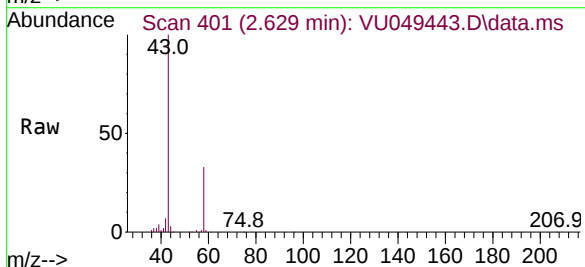
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

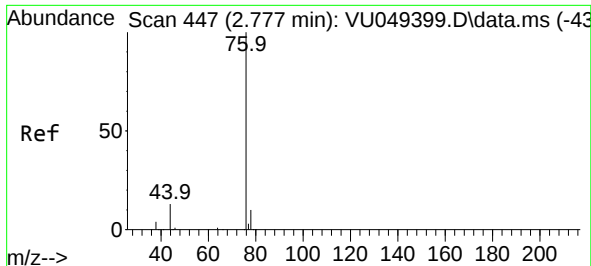
Tgt Ion: 53 Resp: 234599
Ion Ratio Lower Upper
53 100
52 80.6 65.7 98.5
51 34.8 28.2 42.4



#16
Acetone
Concen: 108.138 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 43 Resp: 194513
Ion Ratio Lower Upper
43 100
58 33.5 27.5 41.3

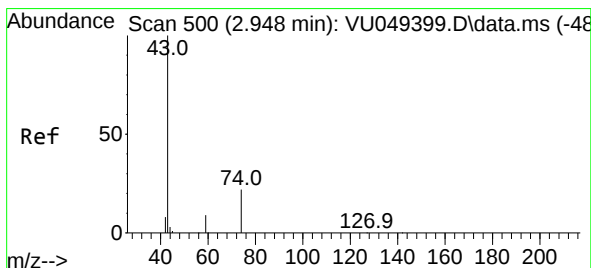
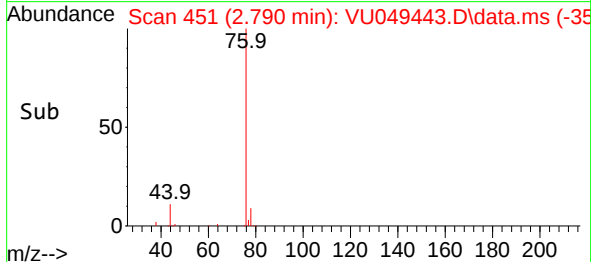
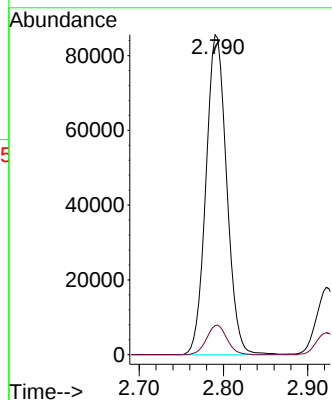
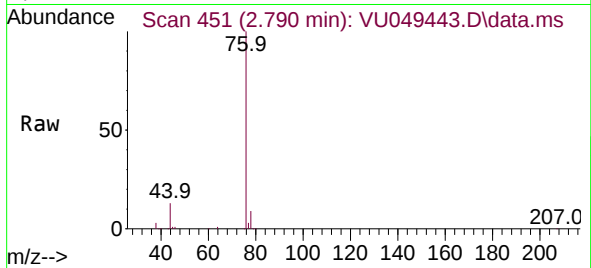




#17
Carbon Disulfide
Concen: 18.673 ug/l
RT: 2.790 min Scan# 447
Delta R.T. 0.013 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

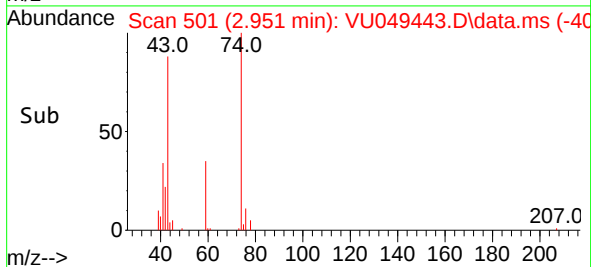
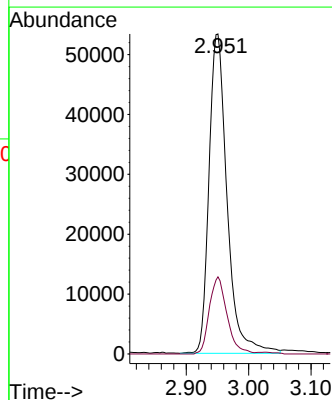
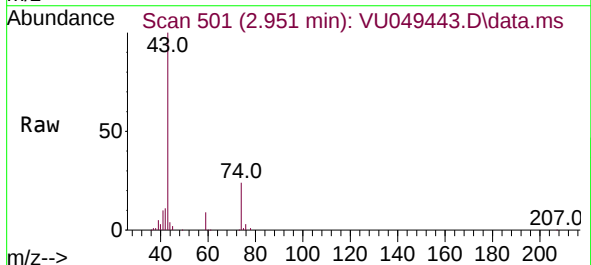
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

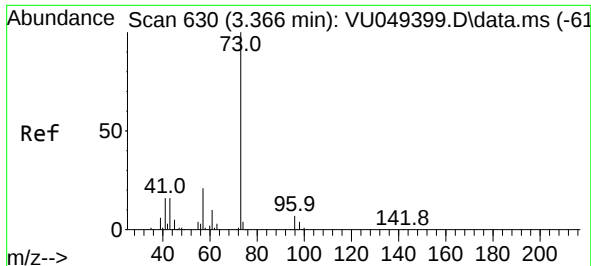
Tgt Ion: 76 Resp: 146487
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 22.031 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 43 Resp: 107276
Ion Ratio Lower Upper
43 100
74 23.6 22.5 33.7

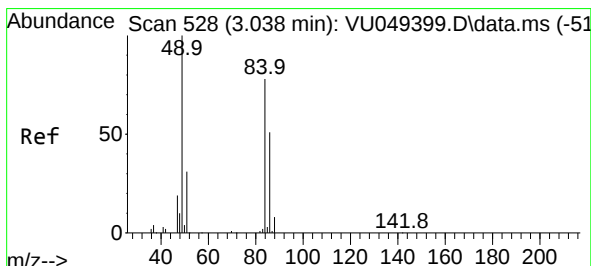
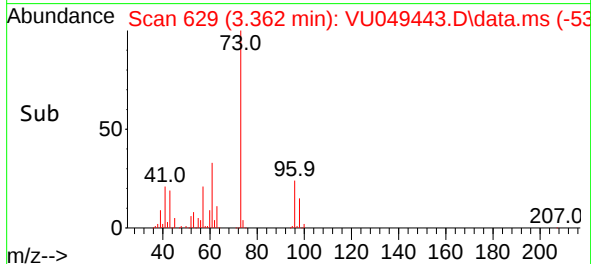
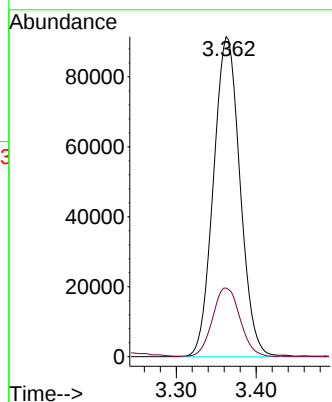
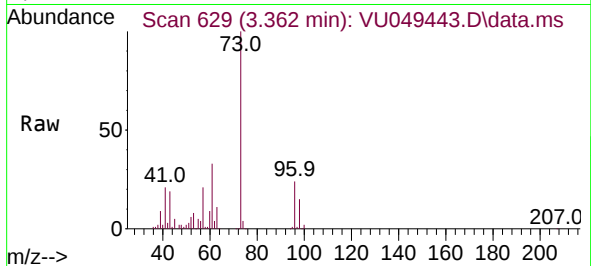




#19
Methyl tert-butyl Ether
Concen: 22.532 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

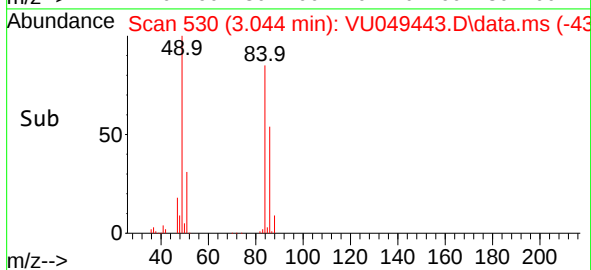
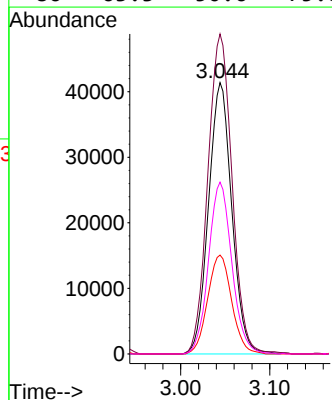
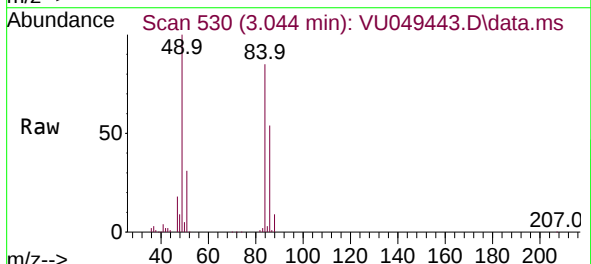
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

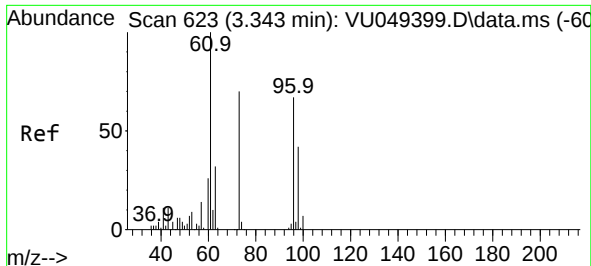
Tgt Ion: 73 Resp: 210812
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 24.707 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 84 Resp: 75104
Ion Ratio Lower Upper
84 100
49 117.9 86.6 129.8
51 36.4 26.6 40.0
86 63.3 50.6 75.8

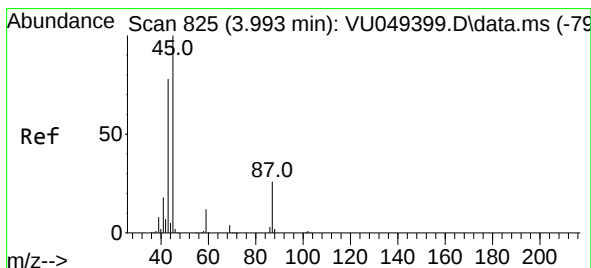
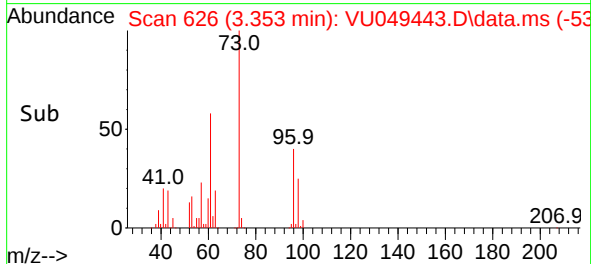
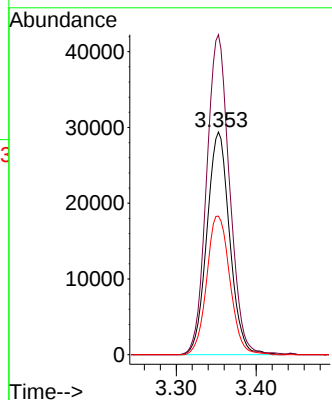
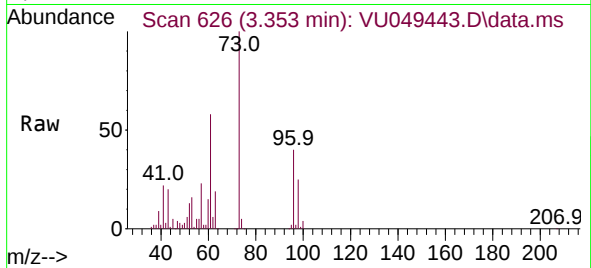




#21
trans-1,2-Dichloroethene
Concen: 21.460 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

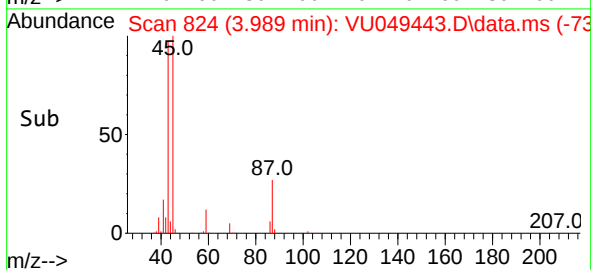
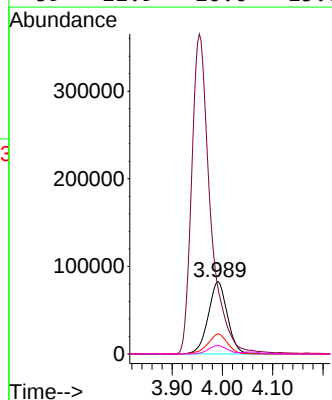
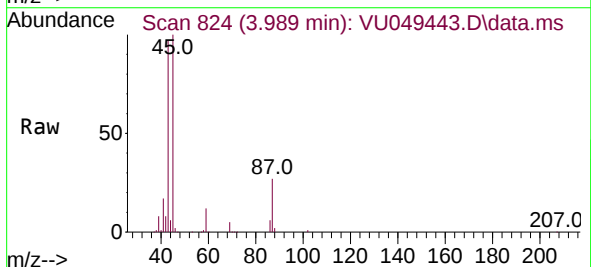
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

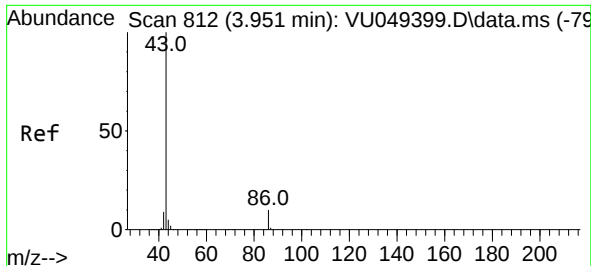
Tgt Ion: 96 Resp: 58193
Ion Ratio Lower Upper
96 100
61 143.7 106.1 159.1
98 62.2 50.8 76.2



#22
Diisopropyl ether
Concen: 22.511 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 45 Resp: 218505
Ion Ratio Lower Upper
45 100
43 95.5 92.9 139.3
87 27.5 26.2 39.2
59 11.9 10.0 15.0

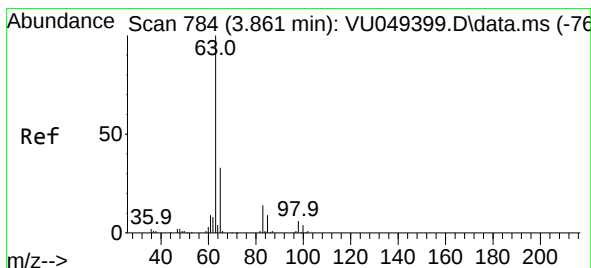
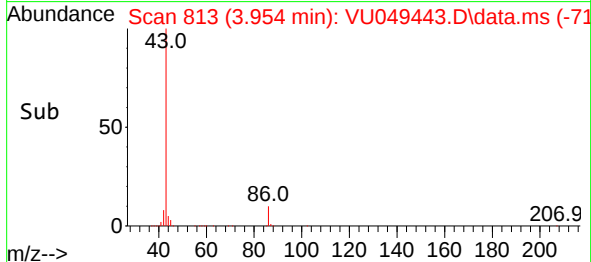
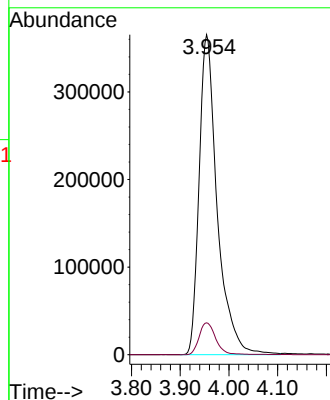
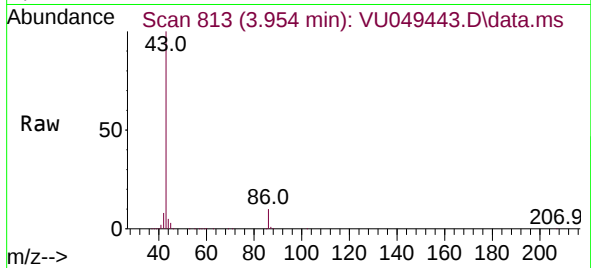




#23
 Vinyl Acetate
 Concen: 110.995 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

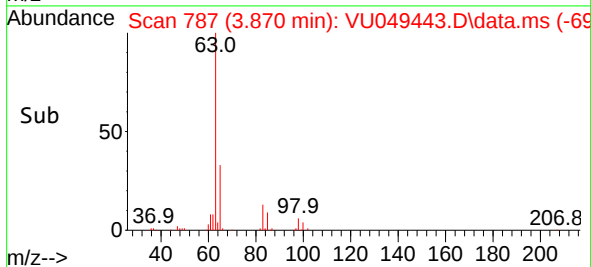
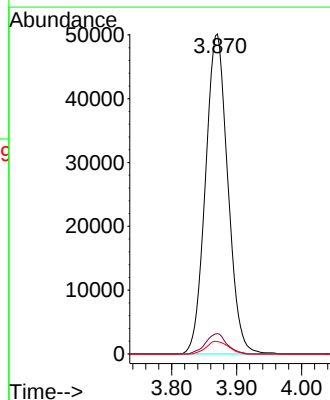
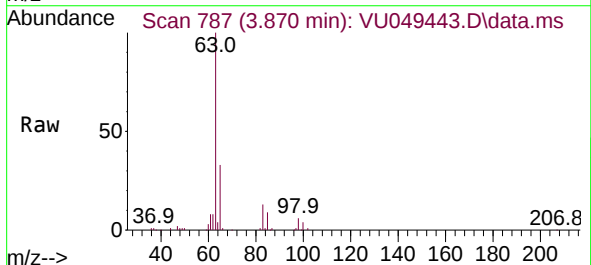
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

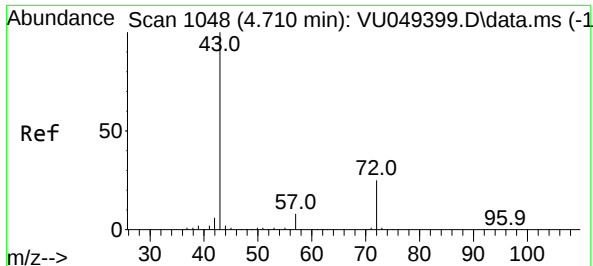
Tgt Ion: 43 Resp: 944328
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 21.483 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. 0.010 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

Tgt Ion: 63 Resp: 119783
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.8 2.4 7.2





#25

2-Butanone

Concen: 112.998 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

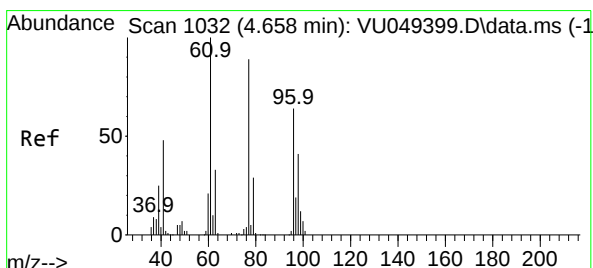
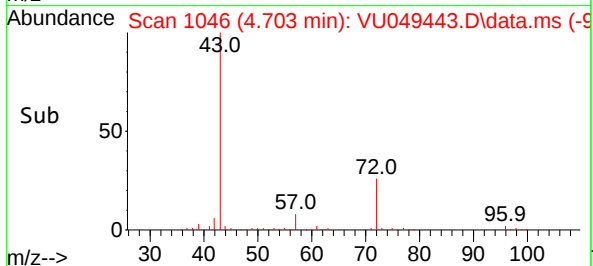
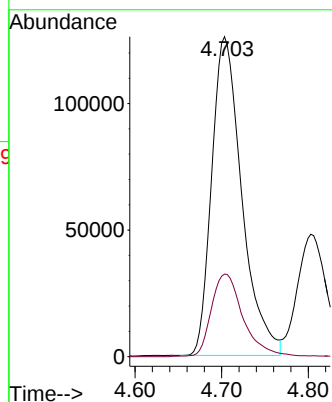
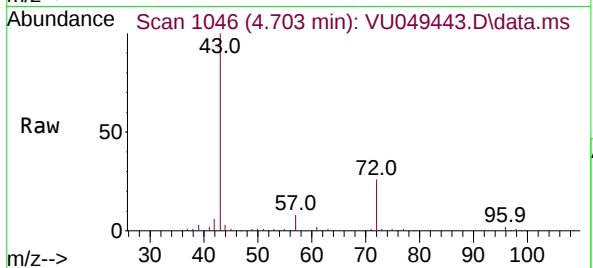
VU0627MBS02

Tgt Ion: 43 Resp: 304608

Ion Ratio Lower Upper

43 100

72 25.7 23.8 35.6



#26

2,2-Dichloropropane

Concen: 11.355 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049443.D

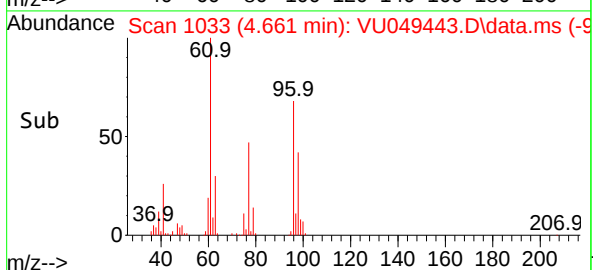
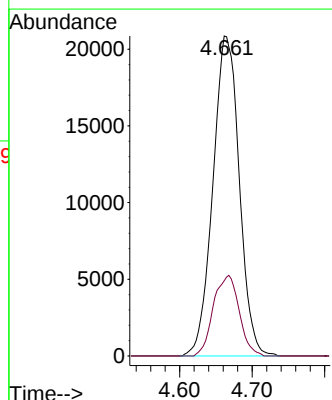
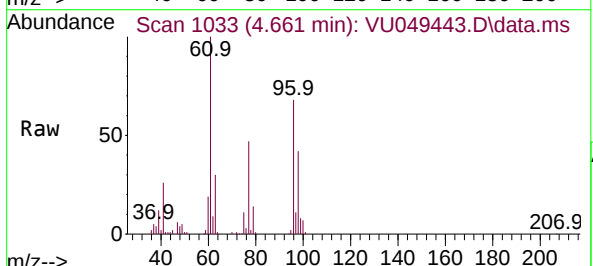
Acq: 28 Jun 2022 07:46

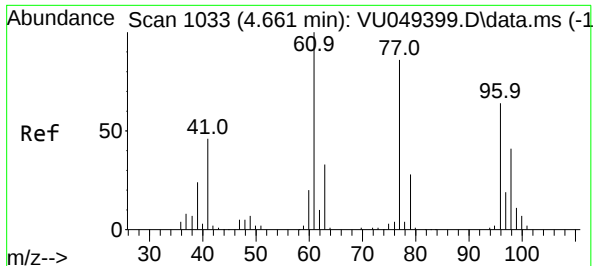
Tgt Ion: 77 Resp: 52692

Ion Ratio Lower Upper

77 100

97 24.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 23.085 ug/l

RT: 4.668 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

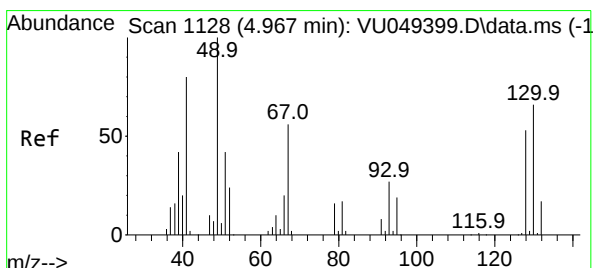
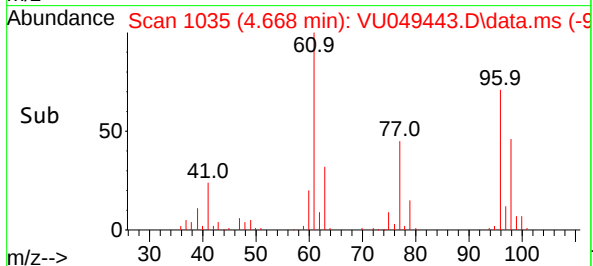
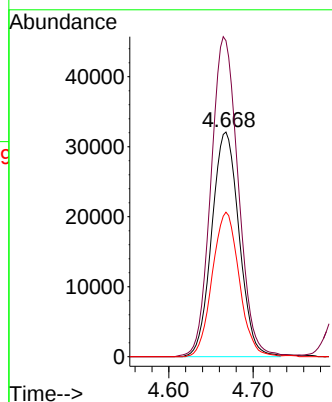
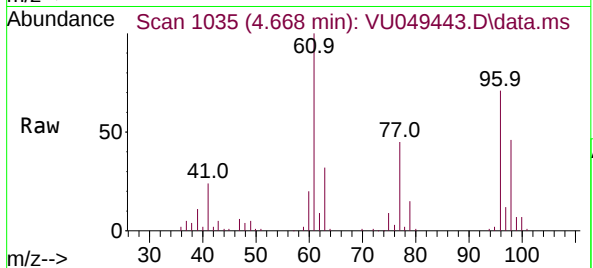
Tgt Ion: 96 Resp: 72328

Ion Ratio Lower Upper

96 100

61 142.5 0.0 271.6

98 63.3 0.0 128.2



#28

Bromochloromethane

Concen: 20.147 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

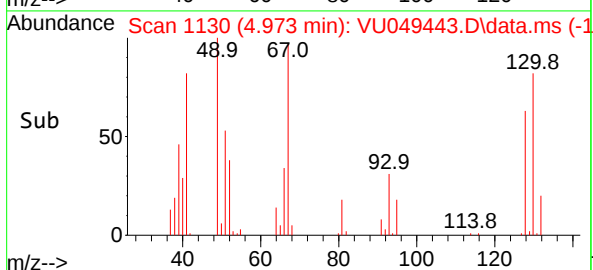
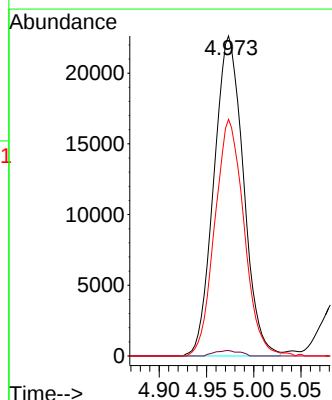
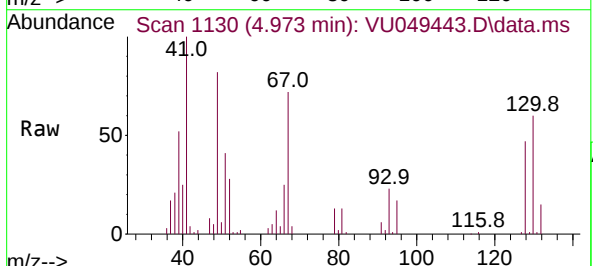
Tgt Ion: 49 Resp: 49101

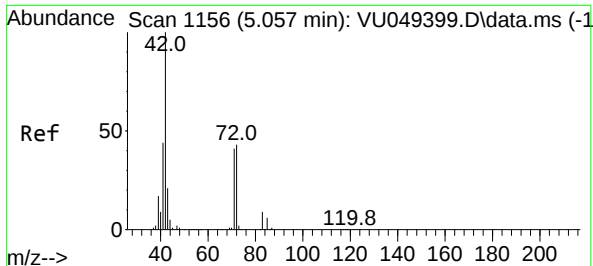
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 73.4 76.9 115.3#





#29

Tetrahydrofuran

Concen: 112.229 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

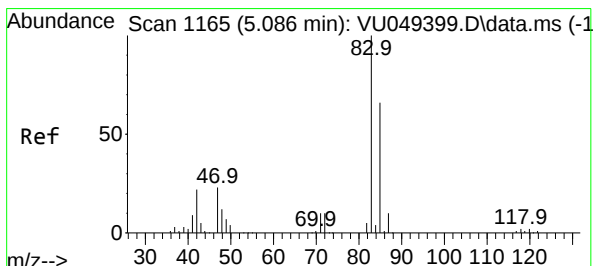
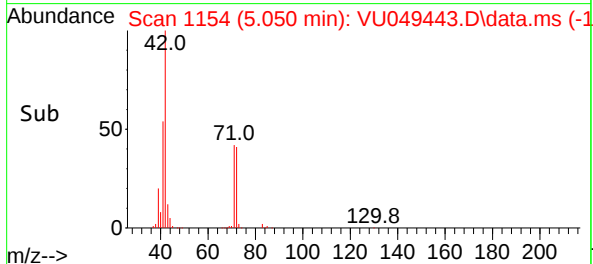
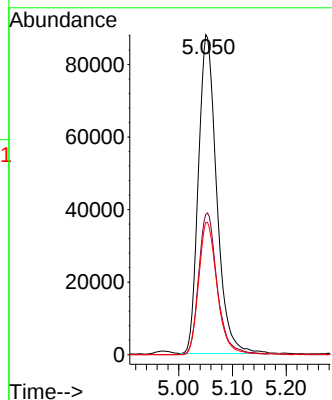
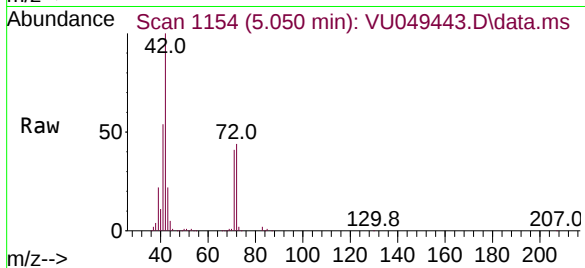
Tgt Ion: 42 Resp: 207543

Ion Ratio Lower Upper

42 100

72 45.3 42.6 63.8

71 42.0 40.3 60.5



#30

Chloroform

Concen: 21.203 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049443.D

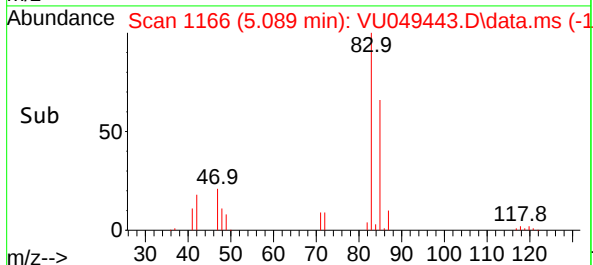
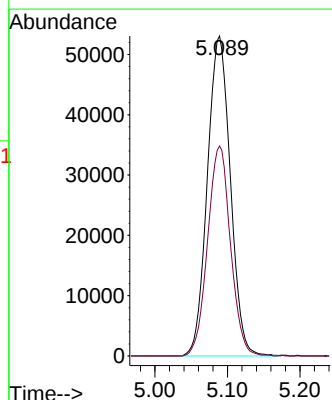
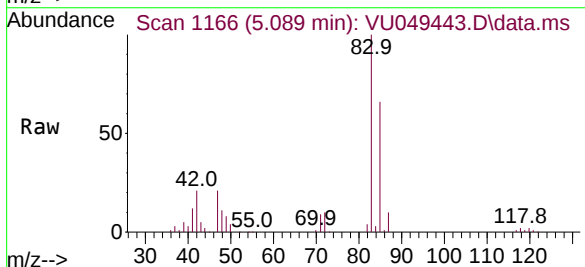
Acq: 28 Jun 2022 07:46

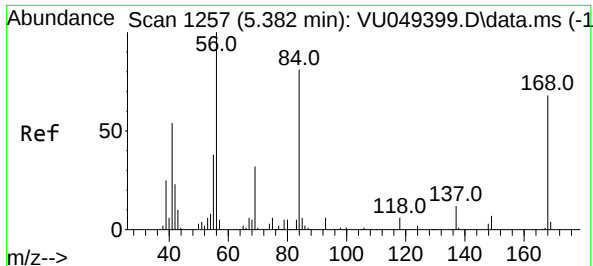
Tgt Ion: 83 Resp: 116942

Ion Ratio Lower Upper

83 100

85 65.6 51.2 76.8





#31

Cyclohexane

Concen: 18.128 ug/l

RT: 5.388 min Scan# 1257

Delta R.T. 0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

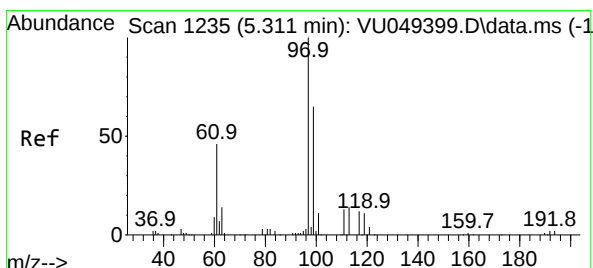
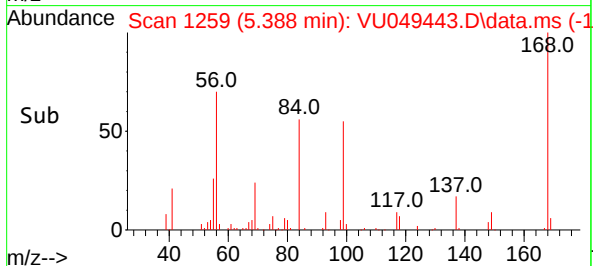
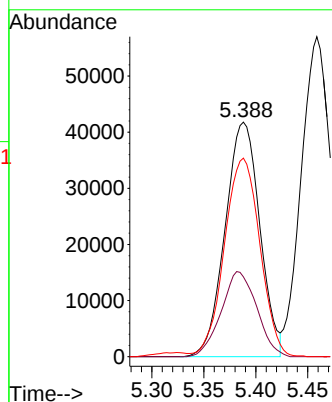
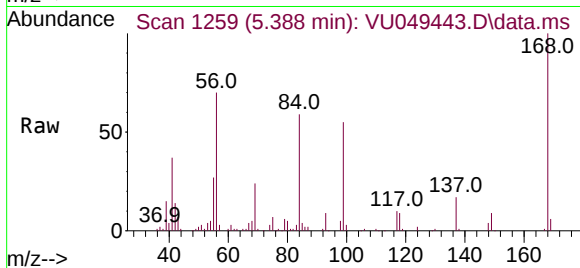
Tgt Ion: 56 Resp: 97088

Ion Ratio Lower Upper

56 100

69 34.0 27.8 41.8

84 82.9 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 19.758 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

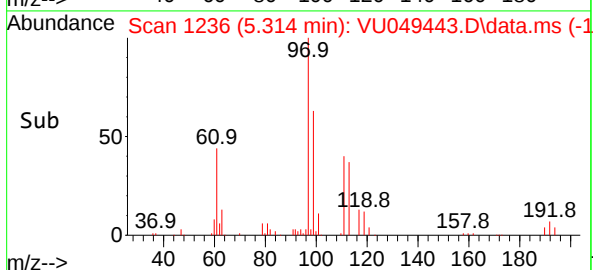
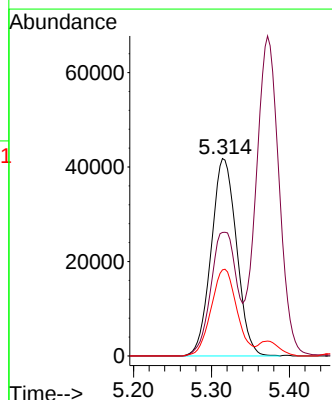
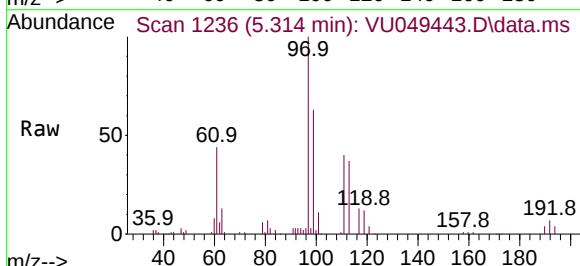
Tgt Ion: 97 Resp: 94549

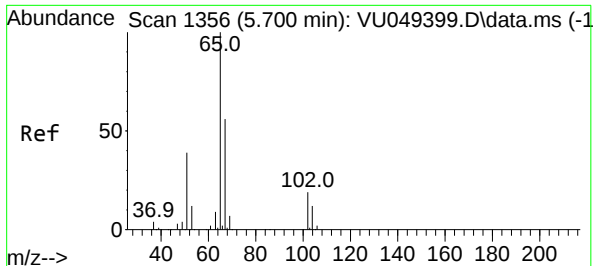
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 44.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.767 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

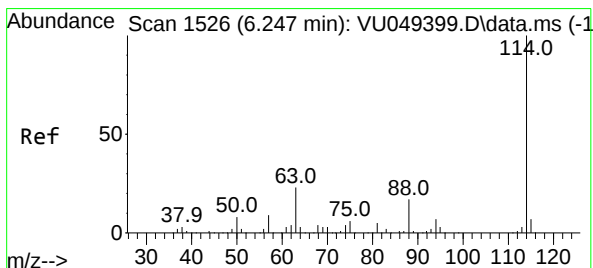
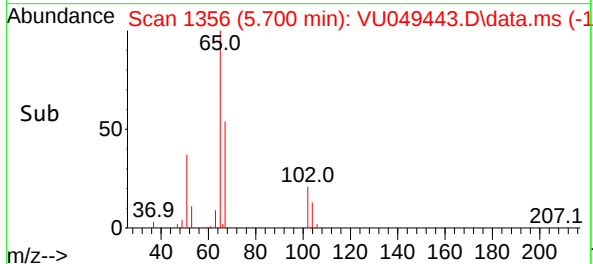
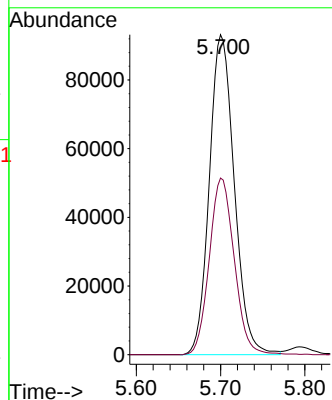
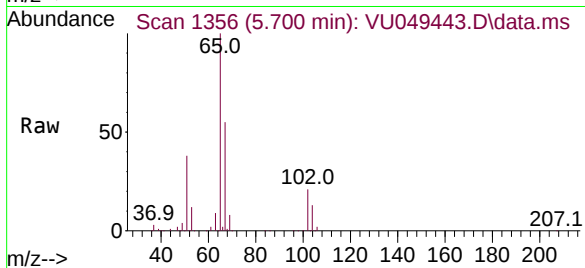
VU0627MBS02

Tgt Ion: 65 Resp: 191780

Ion Ratio Lower Upper

65 100

67 55.1 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: VU049443.D

Acq: 28 Jun 2022 07:46

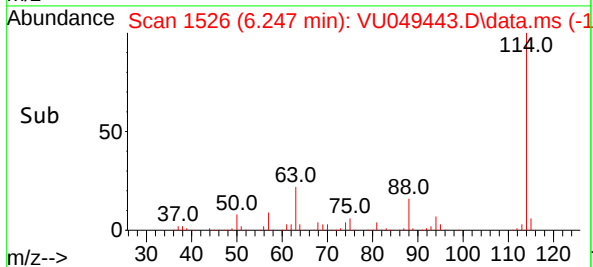
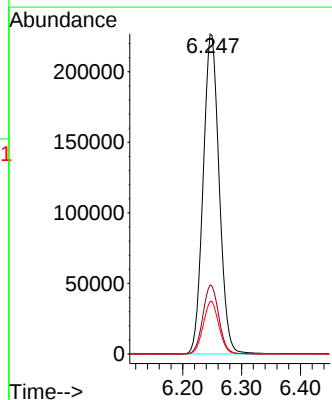
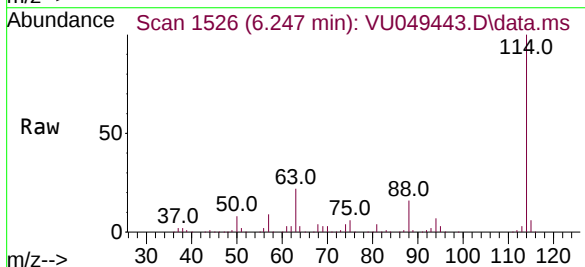
Tgt Ion: 114 Resp: 429008

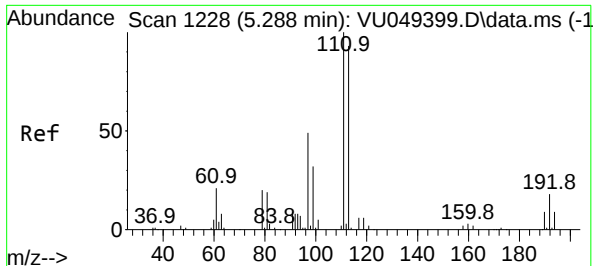
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.230 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

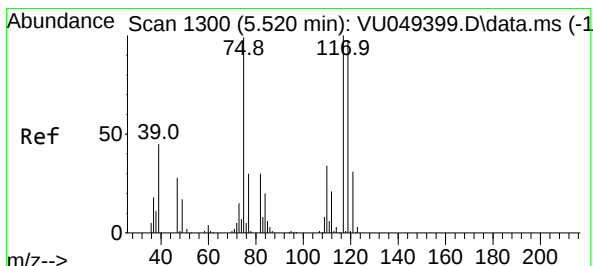
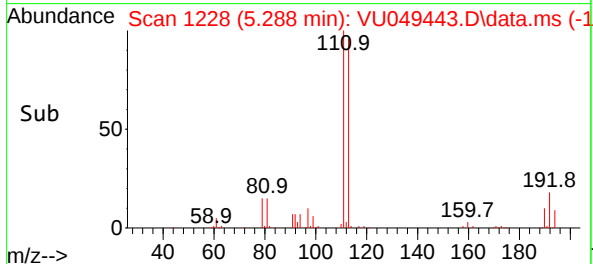
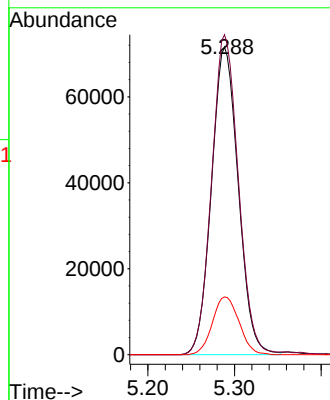
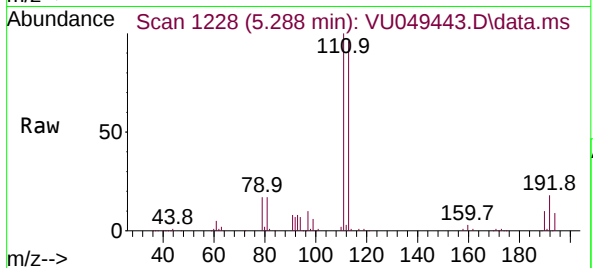
Tgt Ion:113 Resp: 153763

Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 18.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 17.604 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

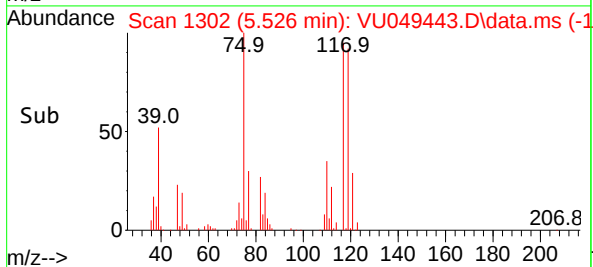
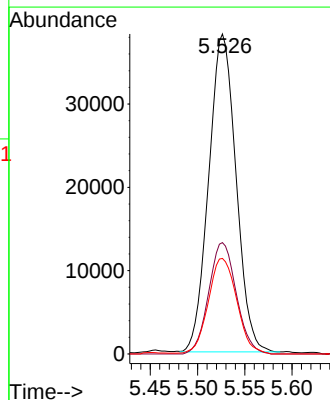
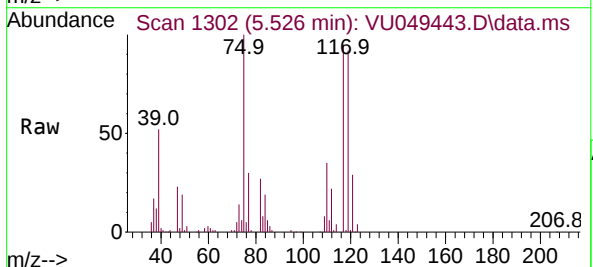
Tgt Ion: 75 Resp: 76615

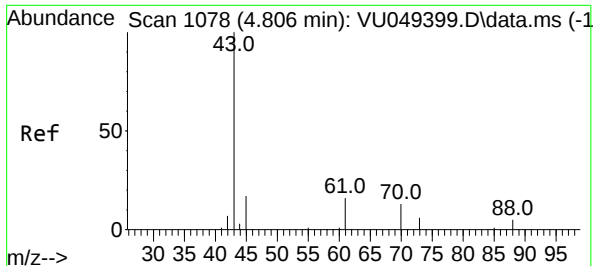
Ion Ratio Lower Upper

75 100

110 35.4 18.4 55.2

77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 19.635 ug/l

RT: 4.803 min Scan# 116766

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

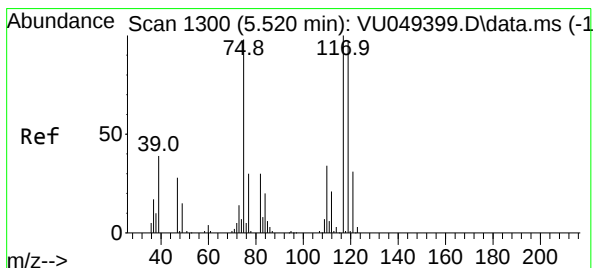
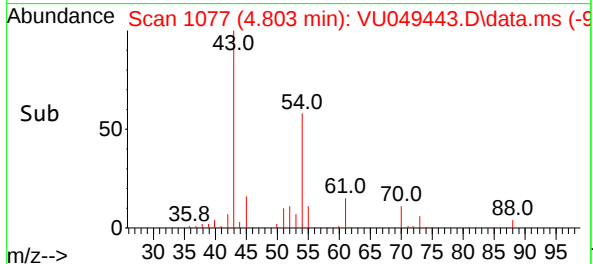
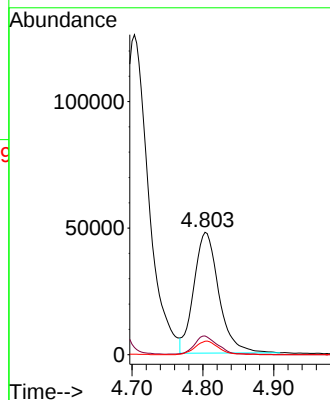
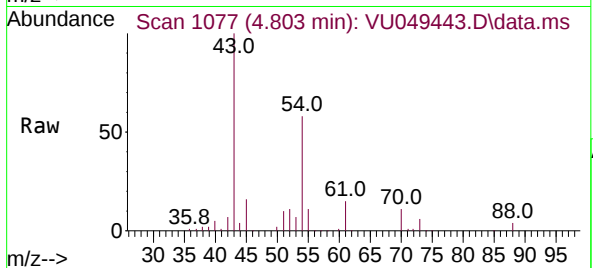
Tgt Ion: 43 Resp: 116766

Ion Ratio Lower Upper

43 100

61 14.9 9.5 14.3#

70 10.6 7.5 11.3



#38

Carbon Tetrachloride

Concen: 17.384 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

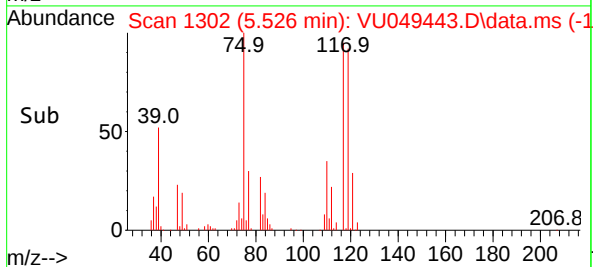
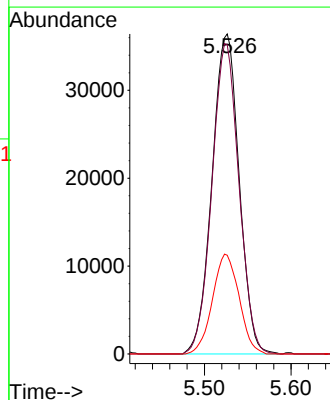
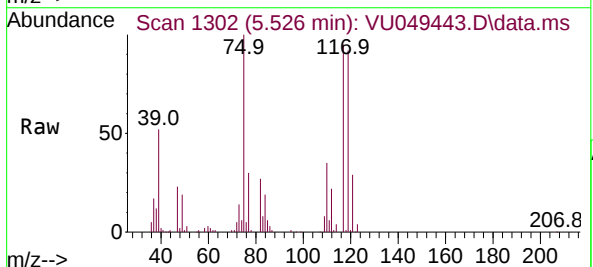
Tgt Ion: 117 Resp: 79343

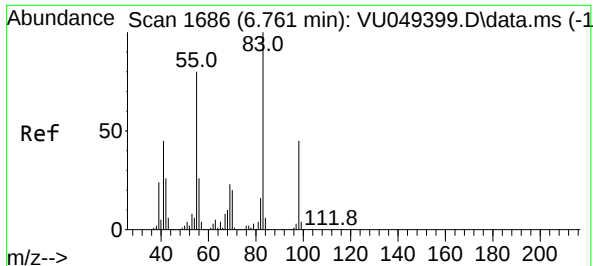
Ion Ratio Lower Upper

117 100

119 96.6 76.8 115.2

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 16.259 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

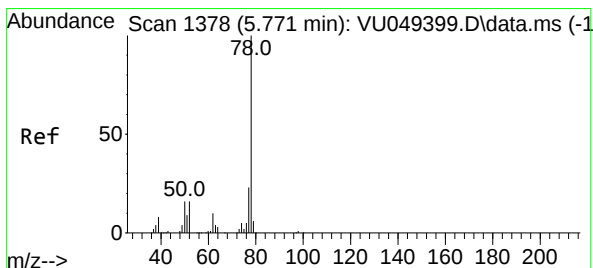
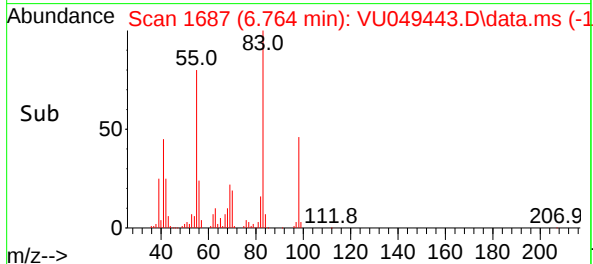
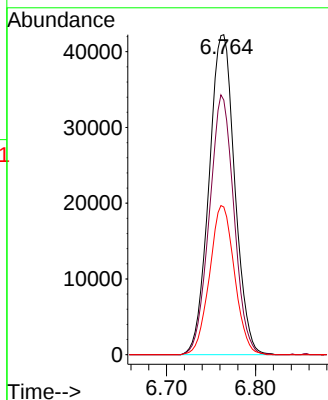
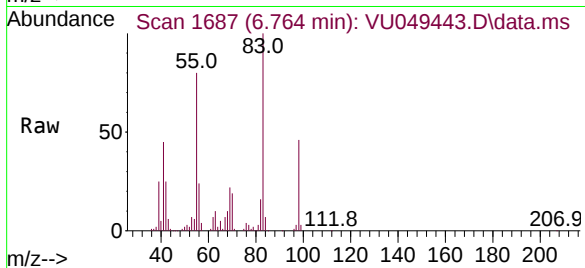
Tgt Ion: 83 Resp: 84814

Ion Ratio Lower Upper

83 100

55 79.5 55.3 82.9

98 46.2 37.3 55.9



#40

Benzene

Concen: 19.962 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049443.D

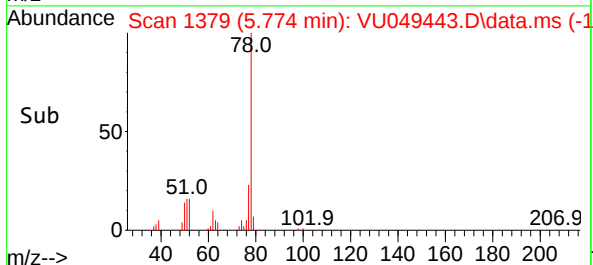
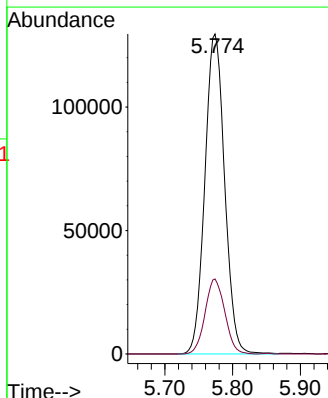
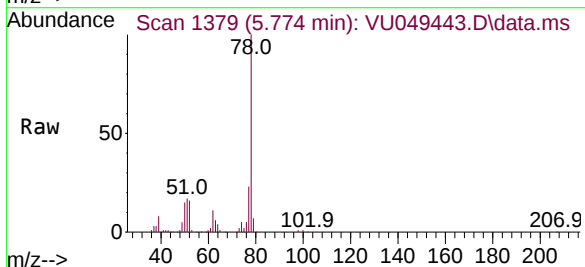
Acq: 28 Jun 2022 07:46

Tgt Ion: 78 Resp: 262289

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



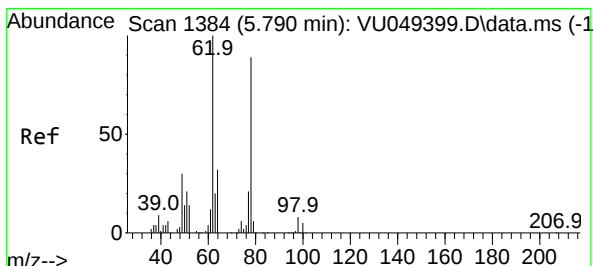
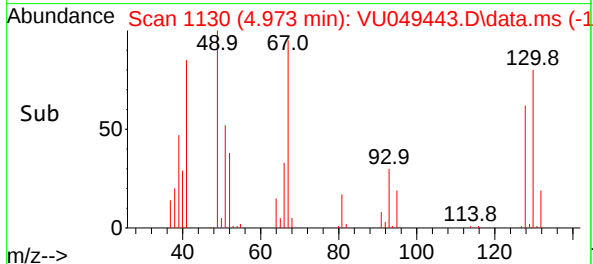
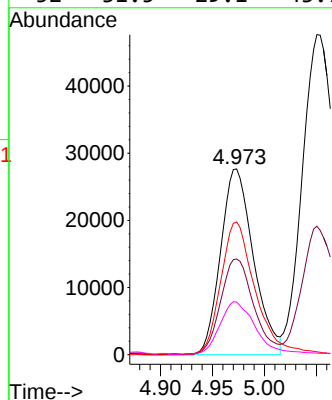
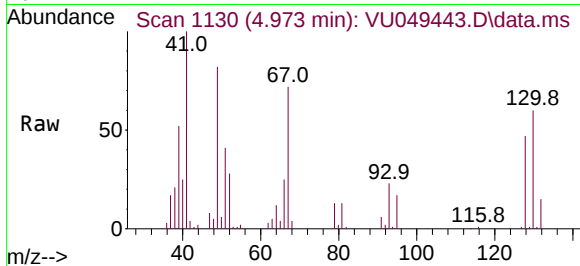


#41
Methacrylonitrile
Concen: 20.423 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

Tgt Ion: 41 Resp: 60859

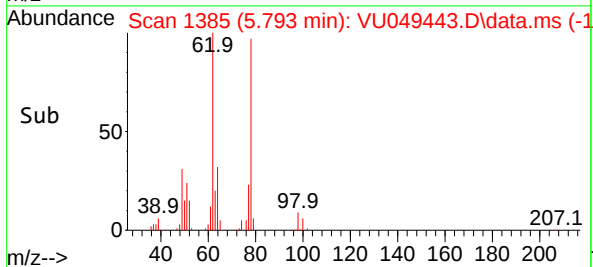
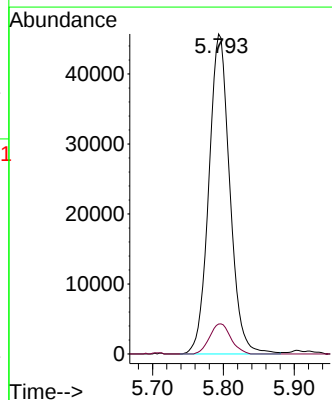
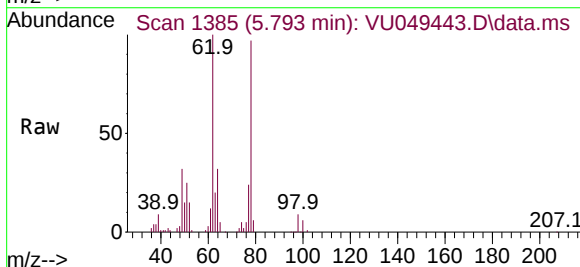
Ion	Ratio	Lower	Upper
41	100		
39	51.9	43.1	64.7
67	75.2	72.3	108.5
52	31.5	29.1	43.7

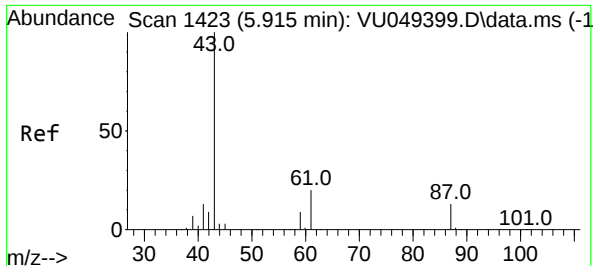


#42
1,2-Dichloroethane
Concen: 19.173 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 62 Resp: 93761

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 19.952 ug/l

RT: 5.912 min Scan# 1423

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

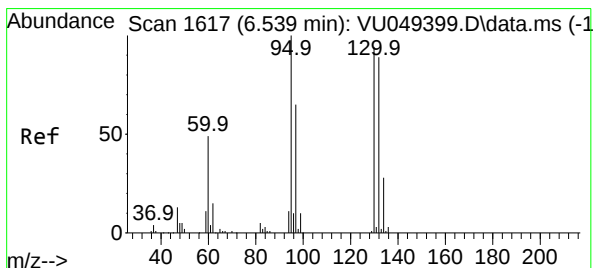
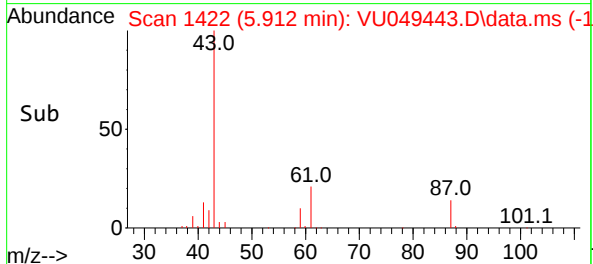
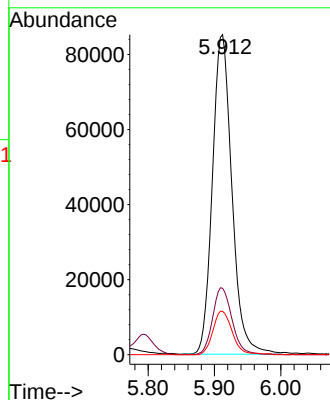
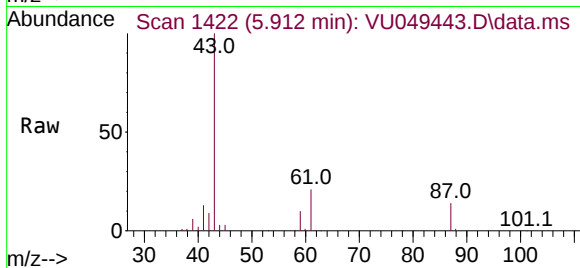
Tgt Ion: 43 Resp: 173857

Ion Ratio Lower Upper

43 100

61 20.9 17.4 26.0

87 13.5 12.6 18.8



#44

Trichloroethene

Concen: 18.732 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049443.D

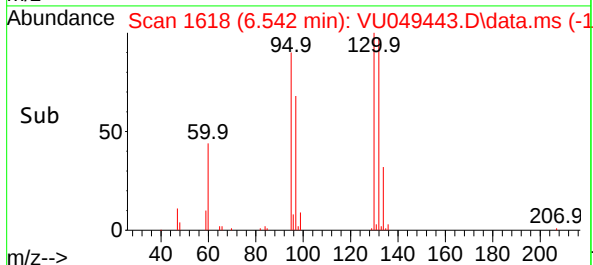
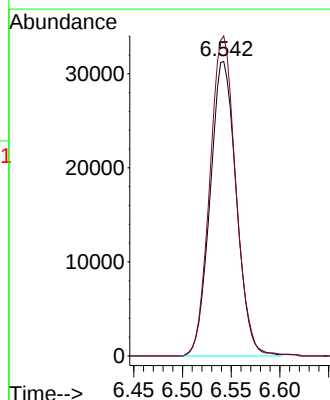
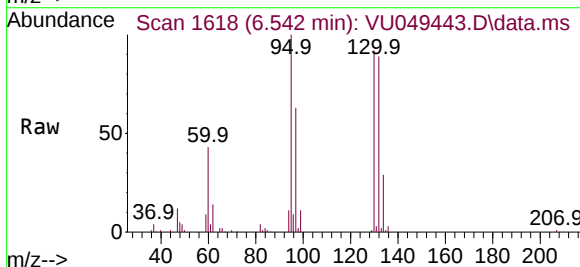
Acq: 28 Jun 2022 07:46

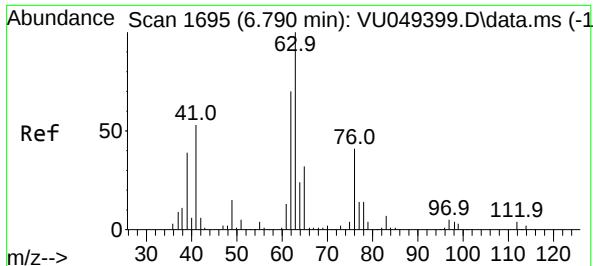
Tgt Ion:130 Resp: 58511

Ion Ratio Lower Upper

130 100

95 108.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 19.753 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

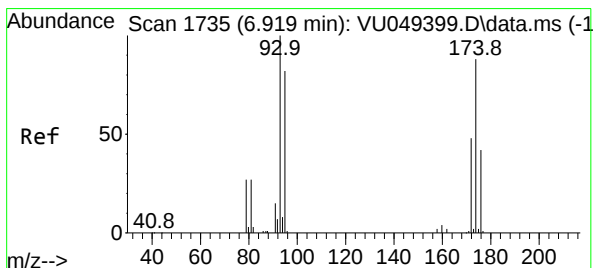
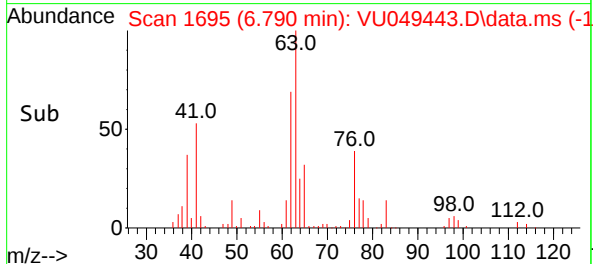
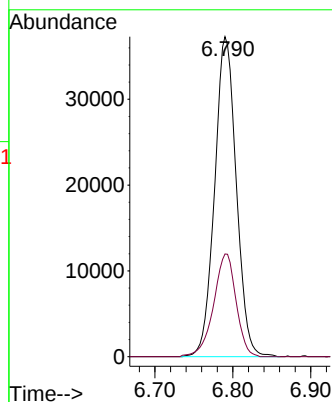
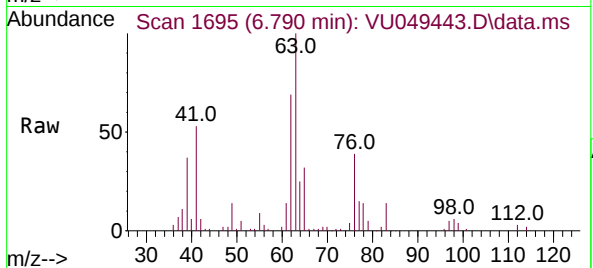
VU0627MBS02

Tgt Ion: 63 Resp: 71916

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 20.236 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

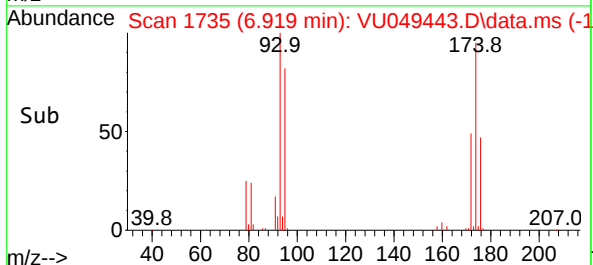
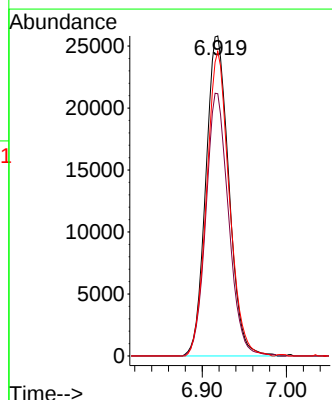
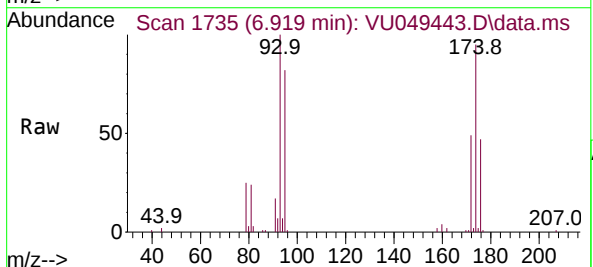
Tgt Ion: 93 Resp: 49120

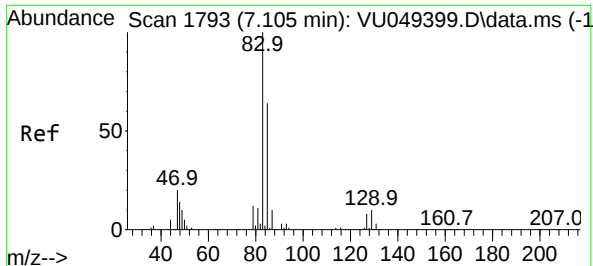
Ion Ratio Lower Upper

93 100

95 80.7 66.3 99.5

174 93.4 88.2 132.4

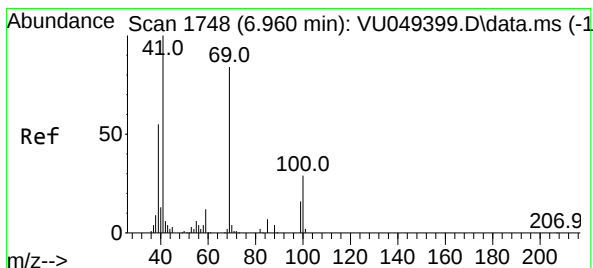
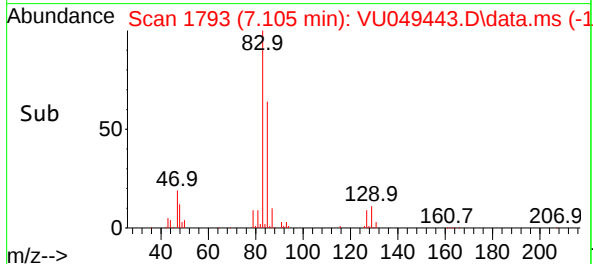
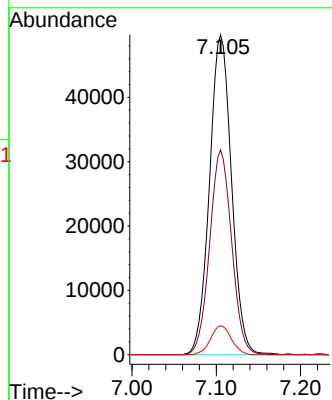
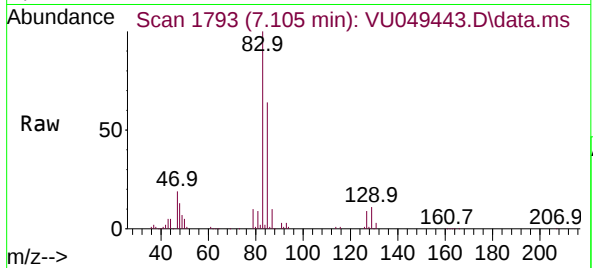




#47
Bromodichloromethane
Concen: 19.323 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

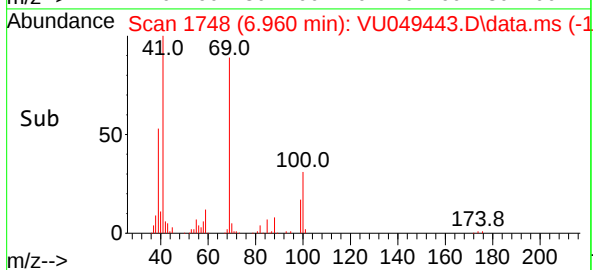
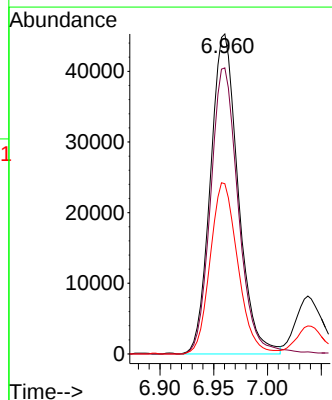
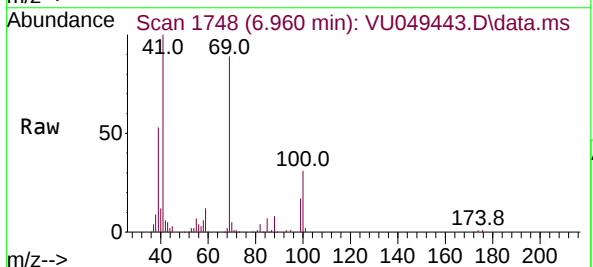
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

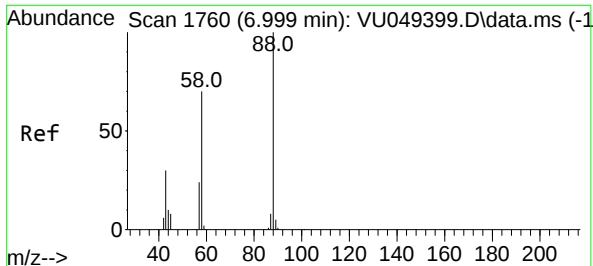
Tgt Ion: 83 Resp: 90280
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.873 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 41 Resp: 81154
Ion Ratio Lower Upper
41 100
69 89.5 79.8 119.6
39 53.2 47.9 71.9





#49

1,4-Dioxane

Concen: 460.389 ug/l

RT: 6.986 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

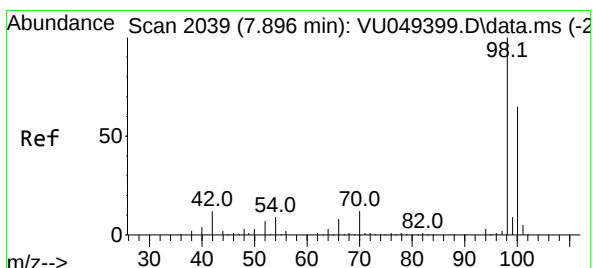
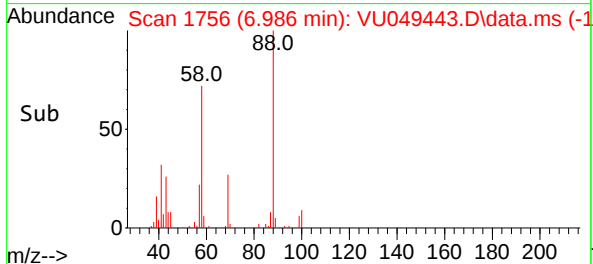
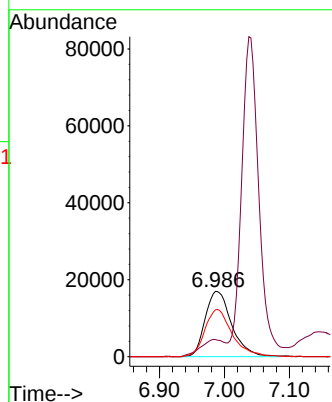
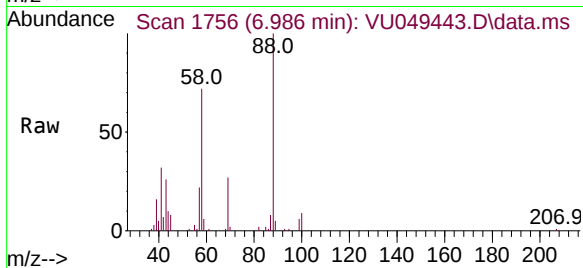
Tgt Ion: 88 Resp: 48167

Ion Ratio Lower Upper

88 100

43 23.3 0.0 0.0#

58 74.2 15.4 23.0#



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049443.D

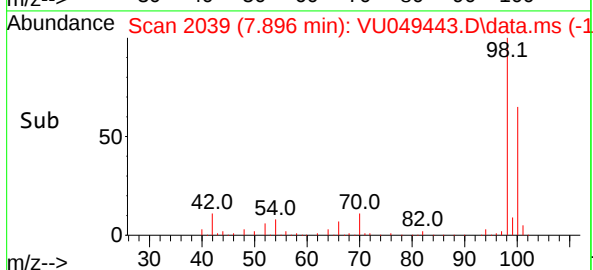
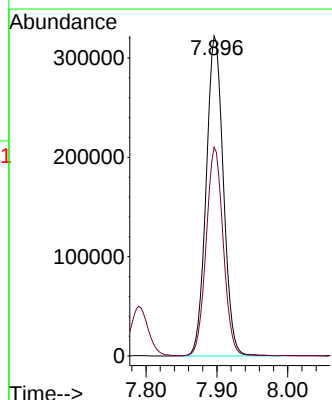
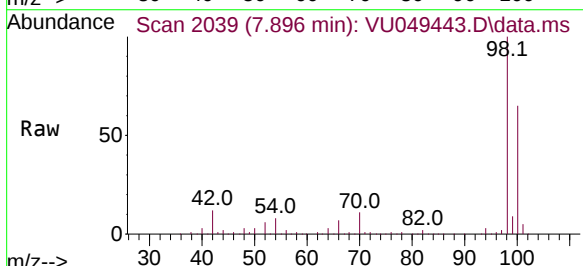
Acq: 28 Jun 2022 07:46

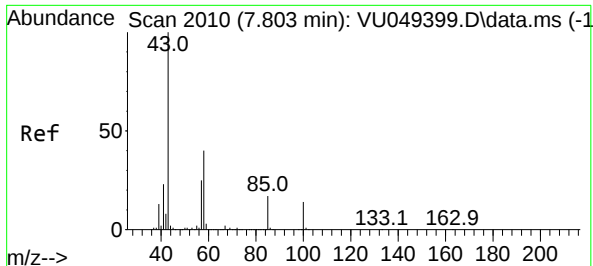
Tgt Ion: 98 Resp: 542767

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 99.253 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

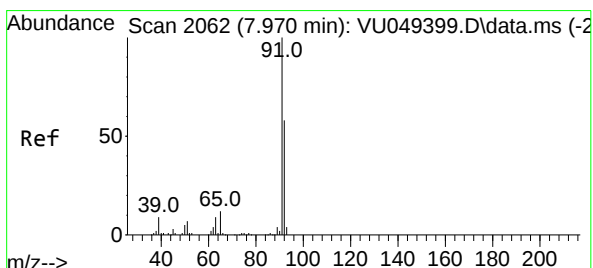
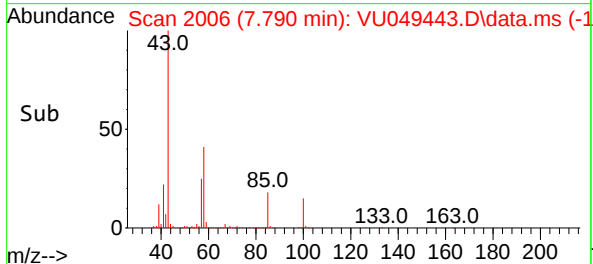
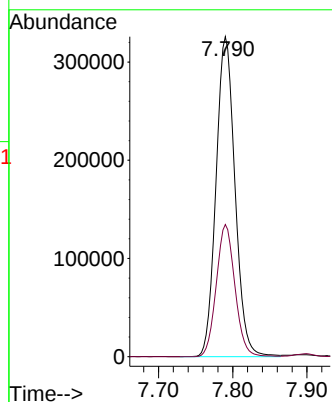
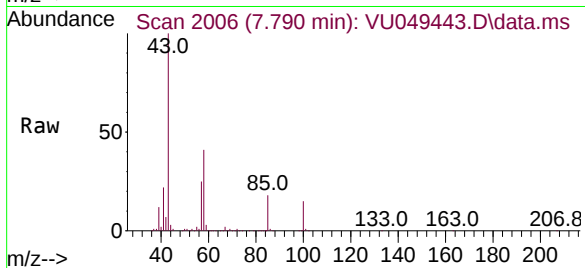
VU0627MBS02

Tgt Ion: 43 Resp: 578824

Ion Ratio Lower Upper

43 100

58 40.7 34.7 52.1



#52

Toluene

Concen: 19.690 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049443.D

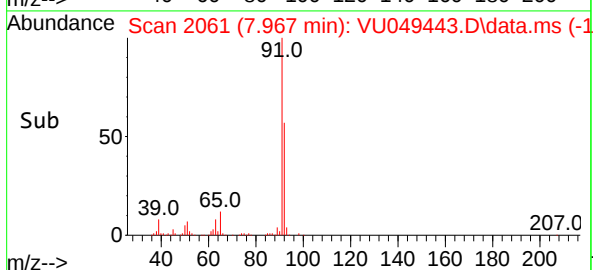
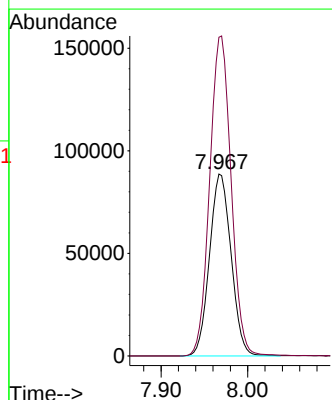
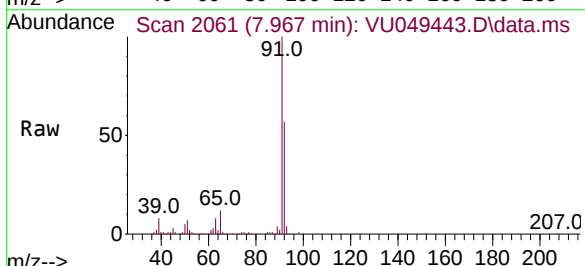
Acq: 28 Jun 2022 07:46

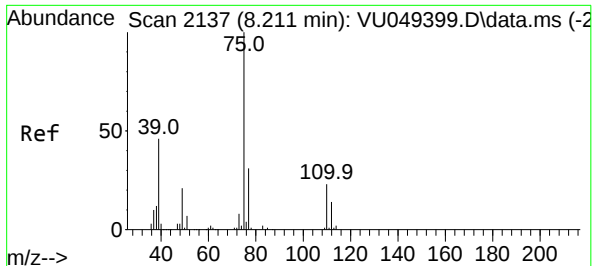
Tgt Ion: 92 Resp: 153773

Ion Ratio Lower Upper

92 100

91 174.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 17.950 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

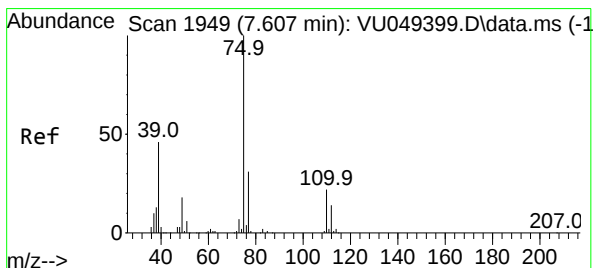
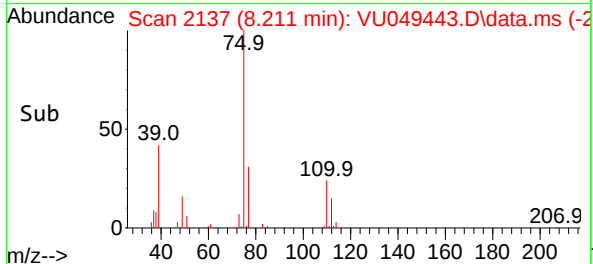
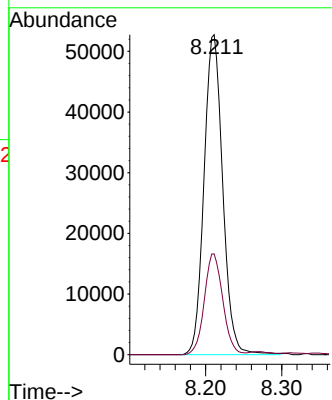
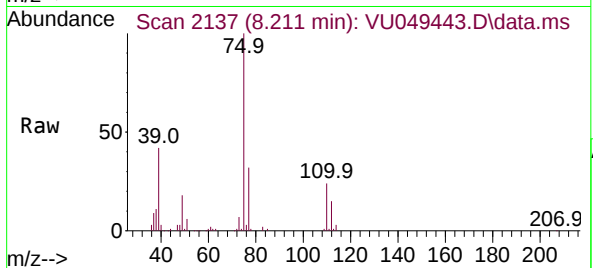
VU0627MBS02

Tgt Ion: 75 Resp: 89960

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.453 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

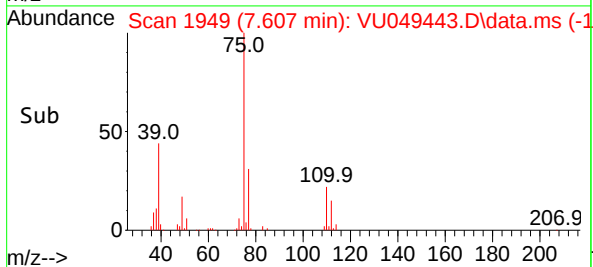
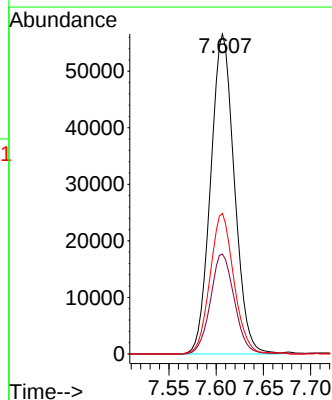
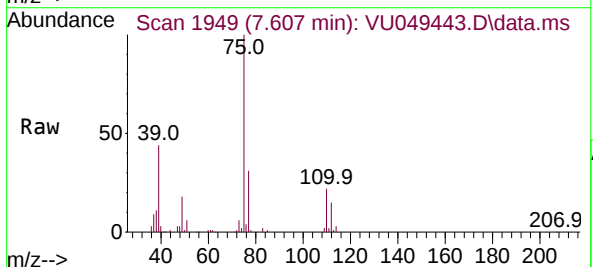
Tgt Ion: 75 Resp: 98744

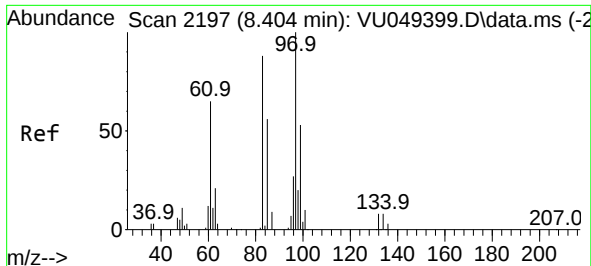
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

39 43.9 33.0 49.6

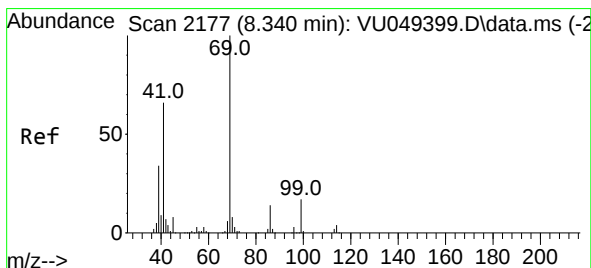
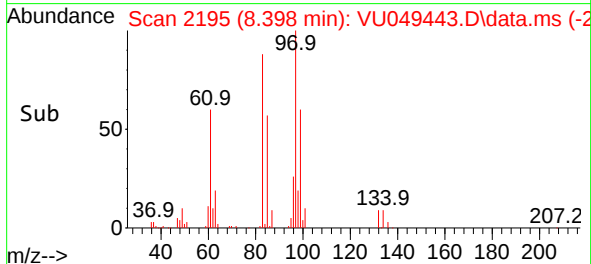
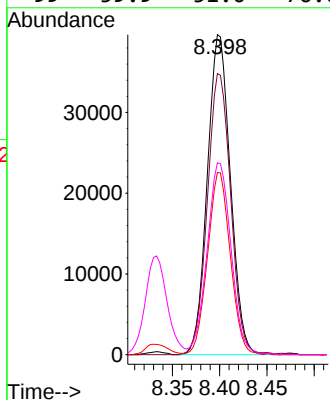
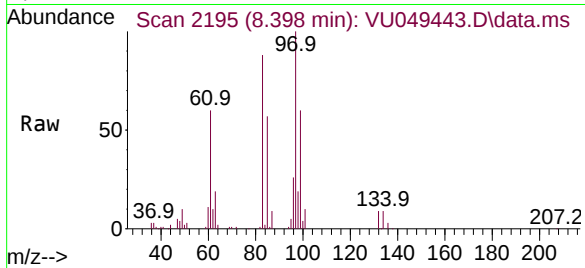




#55
 1,1,2-Trichloroethane
 Concen: 20.894 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

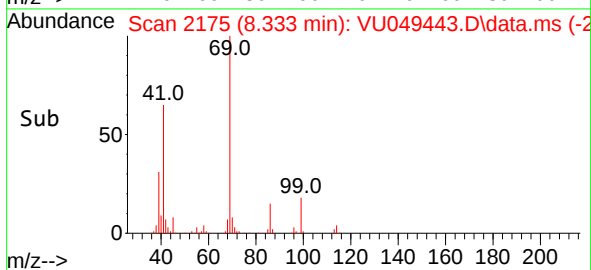
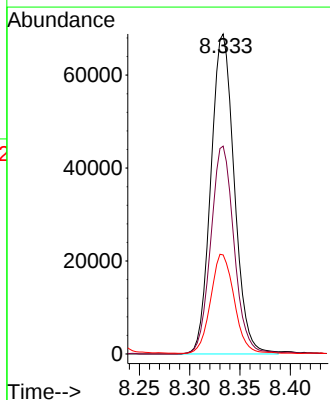
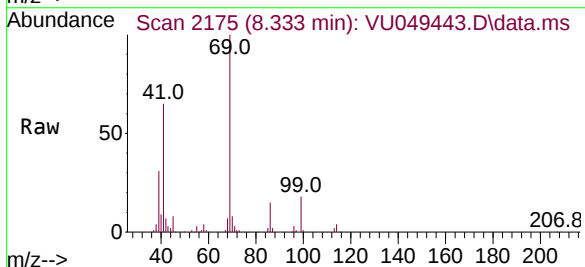
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

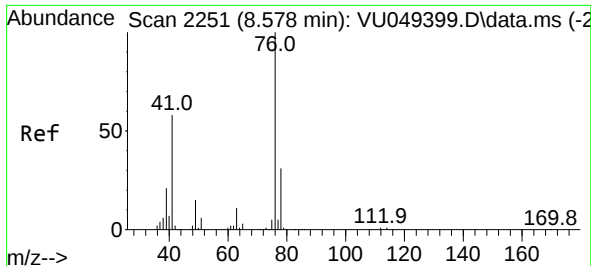
Tgt Ion:	97	Resp:	67464
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.2	105.4
85	56.9	44.6	66.8
99	59.9	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 20.627 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. -0.006 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

Tgt Ion:	69	Resp:	111397
Ion	Ratio	Lower	Upper
69	100		
41	64.9	45.4	68.0
39	31.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 20.537 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

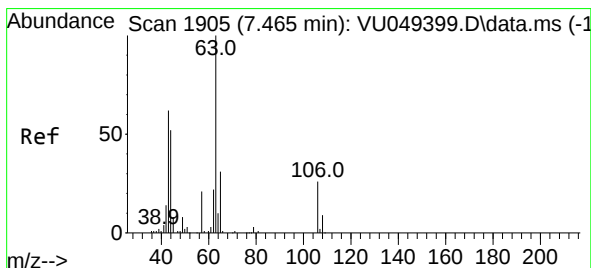
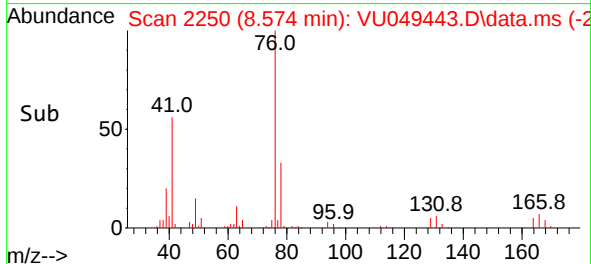
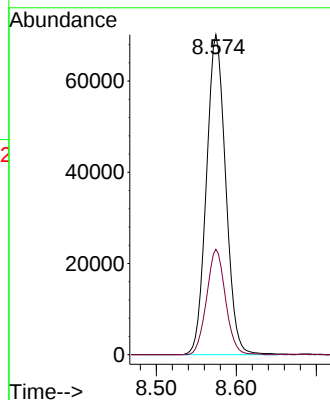
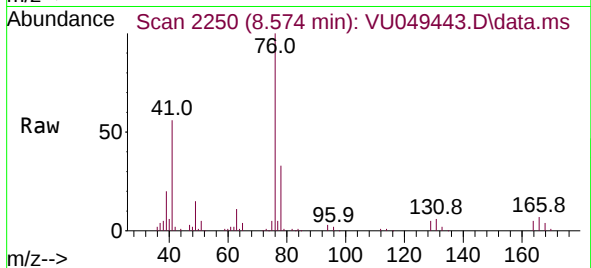
VU0627MBS02

Tgt Ion: 76 Resp: 117632

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.592 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049443.D

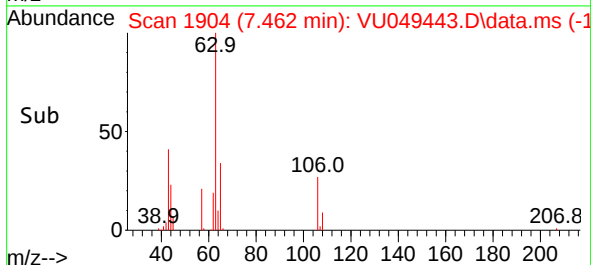
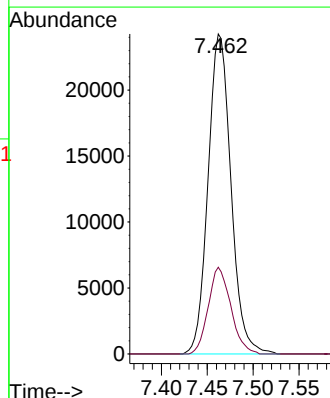
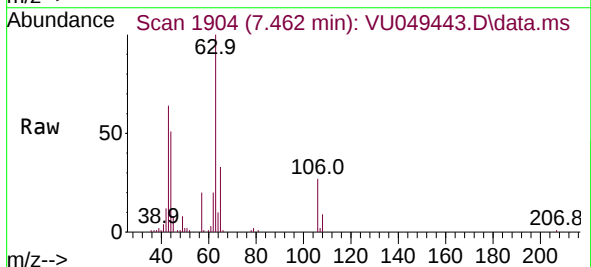
Acq: 28 Jun 2022 07:46

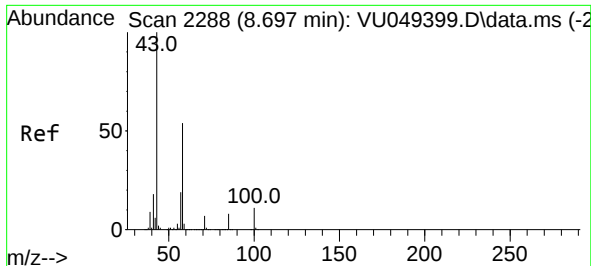
Tgt Ion: 63 Resp: 42142

Ion Ratio Lower Upper

63 100

106 26.7 23.1 34.7





#59

2-Hexanone

Concen: 97.282 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

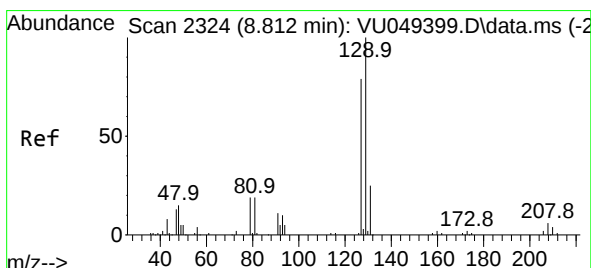
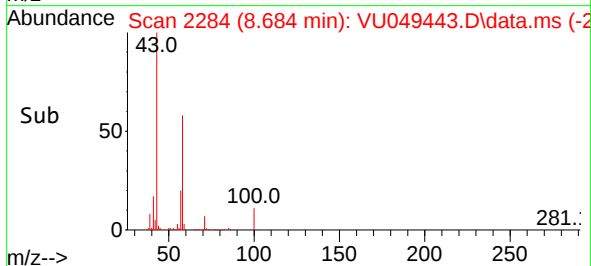
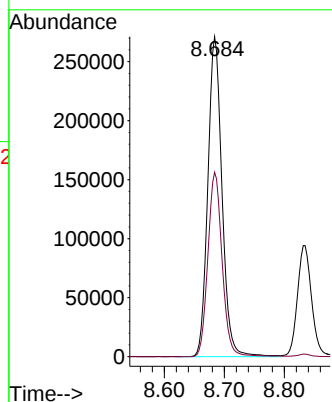
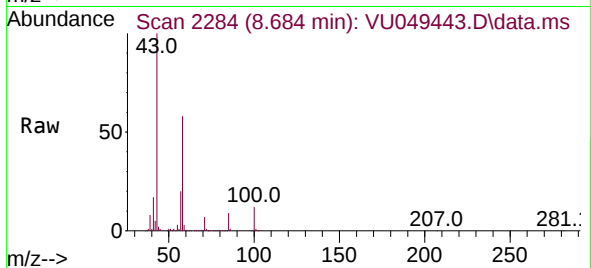
VU0627MBS02

Tgt Ion: 43 Resp: 446142

Ion Ratio Lower Upper

43 100

58 57.9 30.3 90.8



#60

Dibromochloromethane

Concen: 20.086 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU049443.D

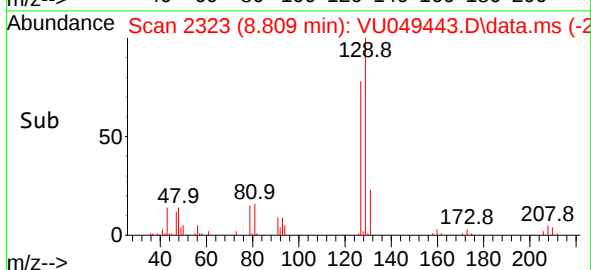
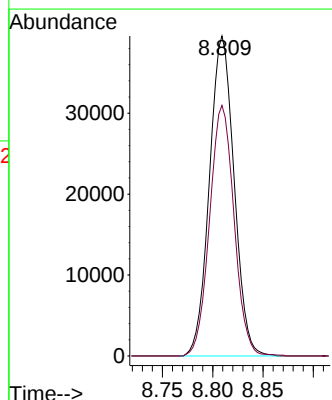
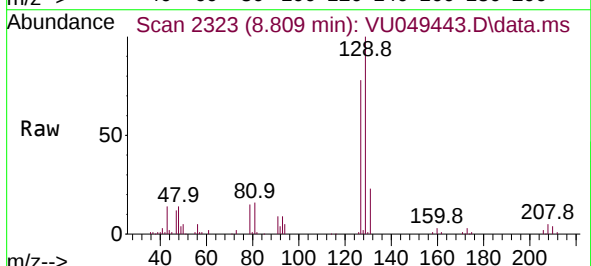
Acq: 28 Jun 2022 07:46

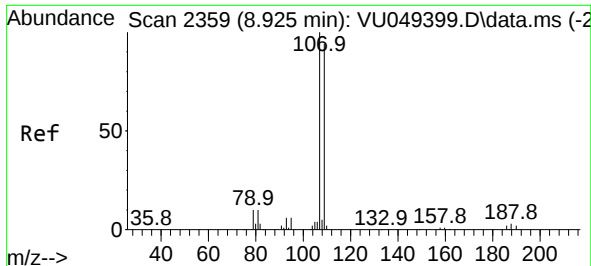
Tgt Ion: 129 Resp: 67444

Ion Ratio Lower Upper

129 100

127 77.6 38.6 116.0

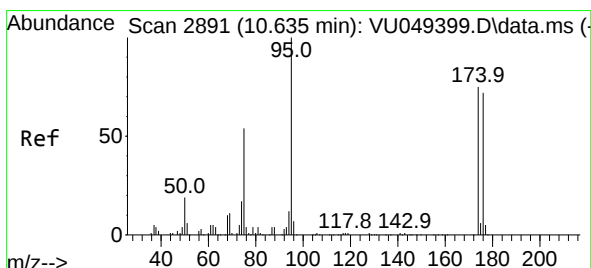
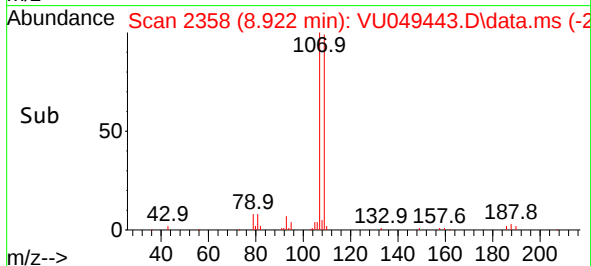
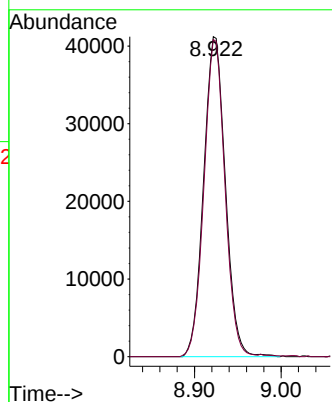
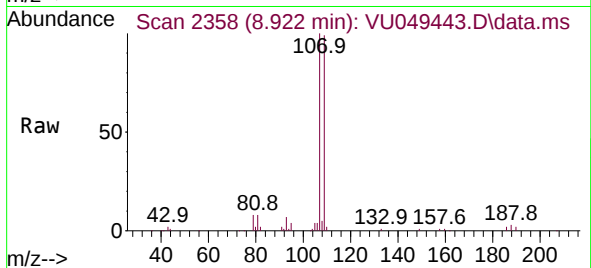




#61
1,2-Dibromoethane
Concen: 20.440 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

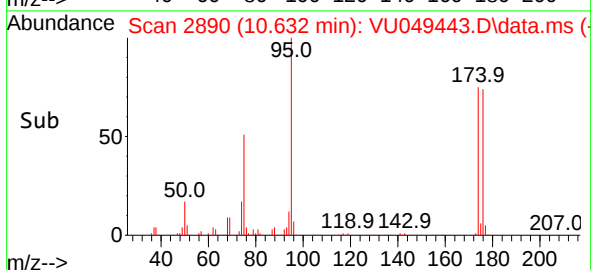
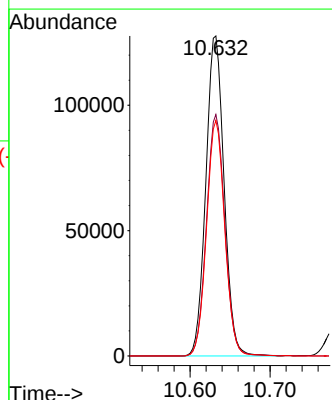
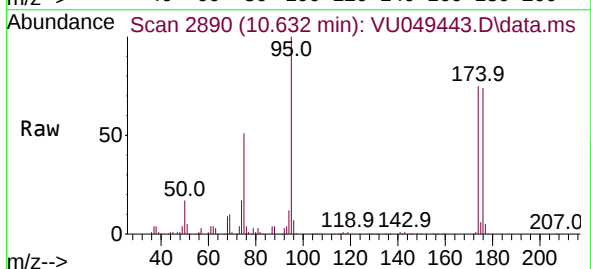
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

Tgt Ion:107 Resp: 71922
Ion Ratio Lower Upper
107 100
109 95.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 95 Resp: 202565
Ion Ratio Lower Upper
95 100
174 76.2 0.0 182.0
176 73.6 0.0 177.8

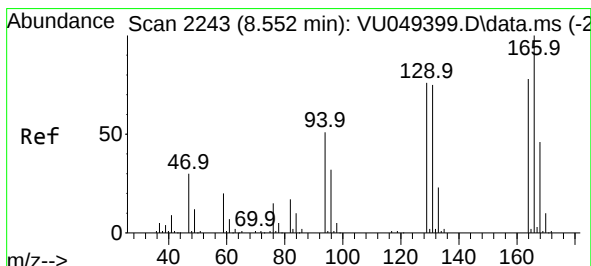
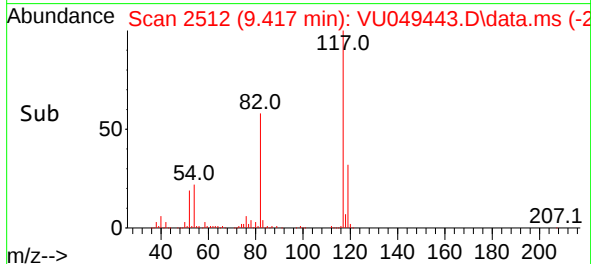
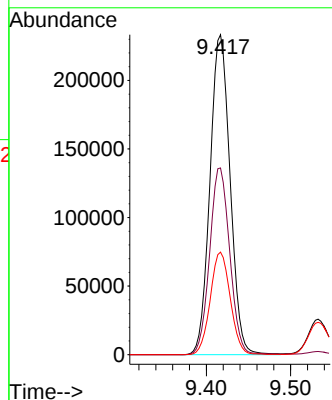
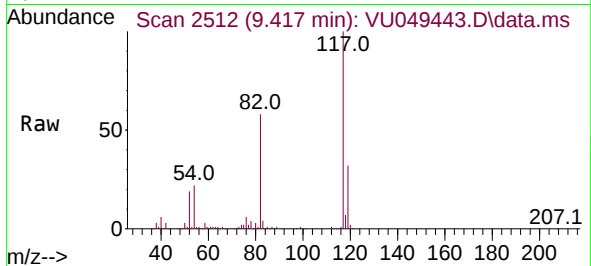




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

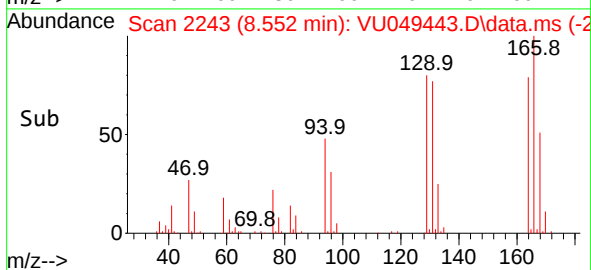
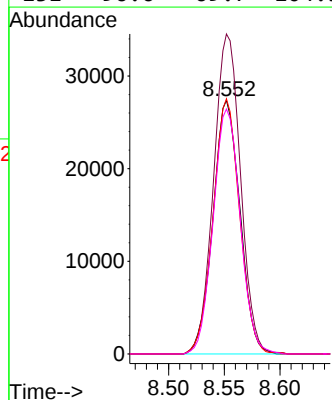
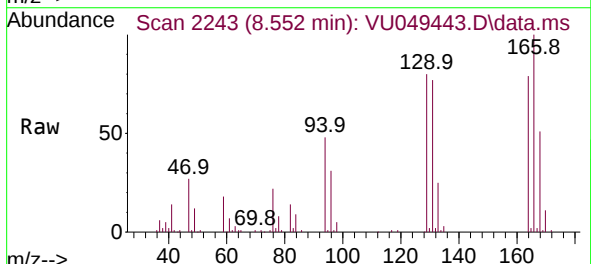
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

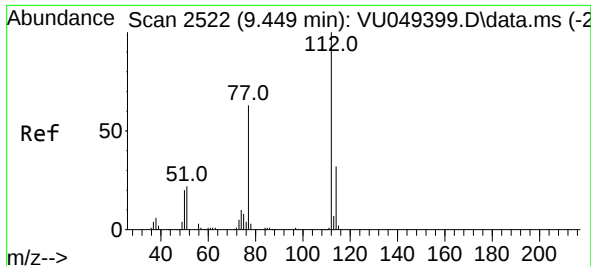
Tgt Ion:117 Resp: 387118
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 18.604 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion:164 Resp: 46194
Ion Ratio Lower Upper
164 100
166 126.2 100.0 150.0
129 100.6 72.0 108.0
131 96.6 69.7 104.5

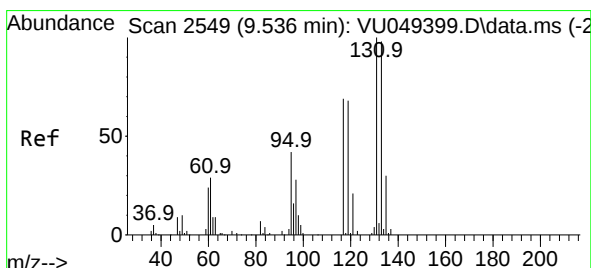
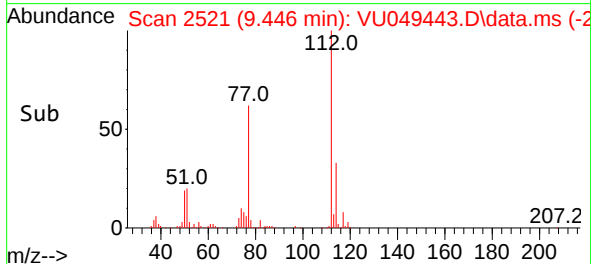
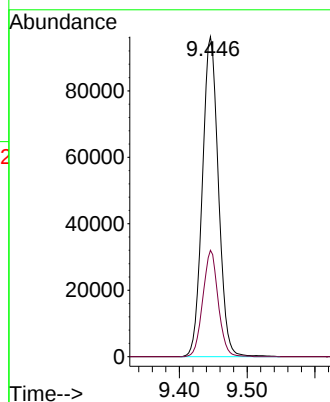
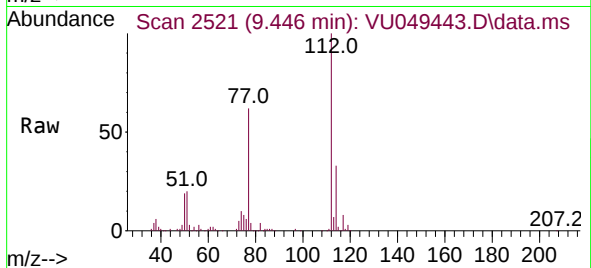




#65
Chlorobenzene
Concen: 20.004 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

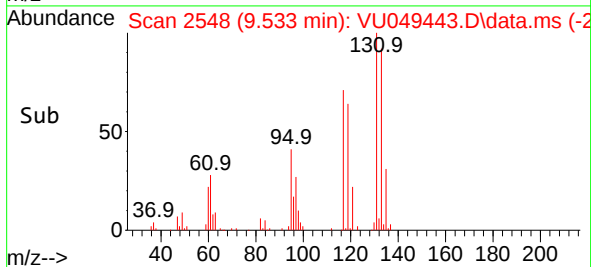
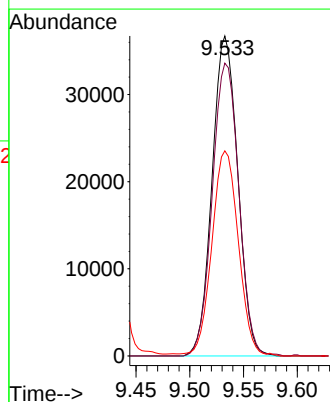
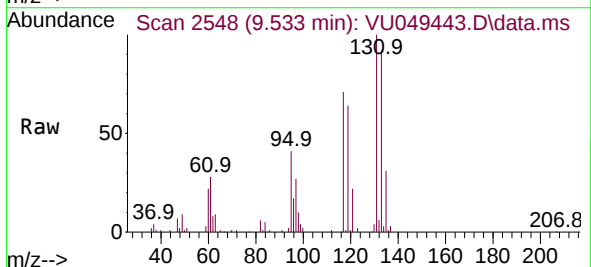
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

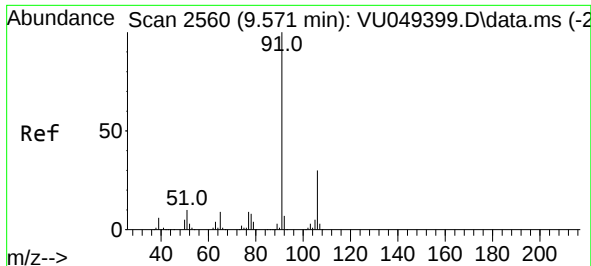
Tgt Ion:112 Resp: 158311
Ion Ratio Lower Upper
112 100
114 33.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.464 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion:131 Resp: 61096
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.0
119 66.1 33.9 101.6





#67

Ethyl Benzene

Concen: 19.629 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

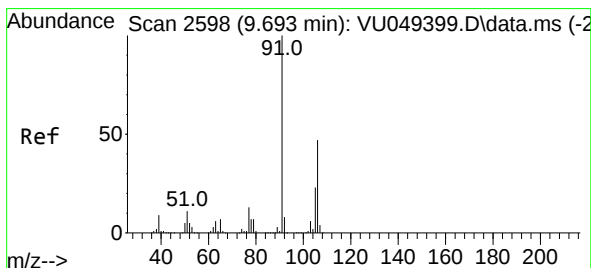
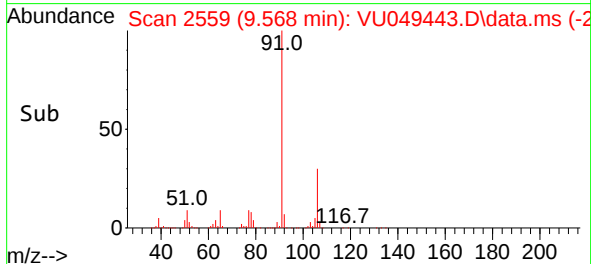
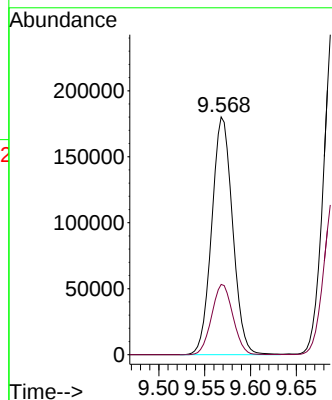
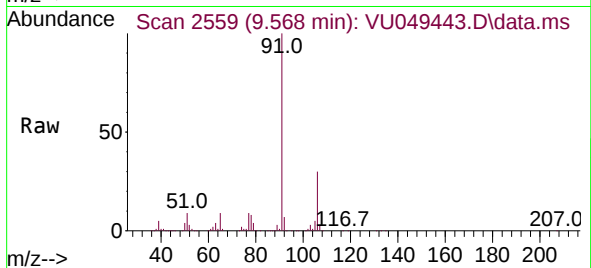
VU0627MBS02

Tgt Ion: 91 Resp: 285186

Ion Ratio Lower Upper

91 100

106 29.6 25.6 38.4



#68

m/p-Xylenes

Concen: 39.476 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049443.D

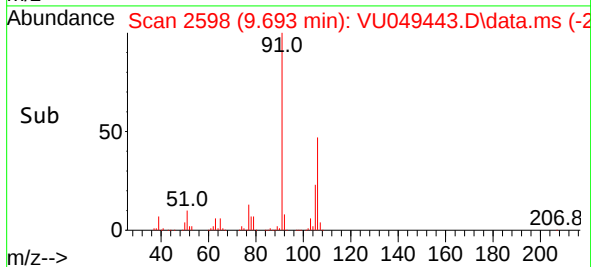
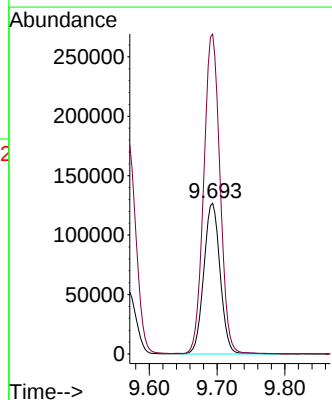
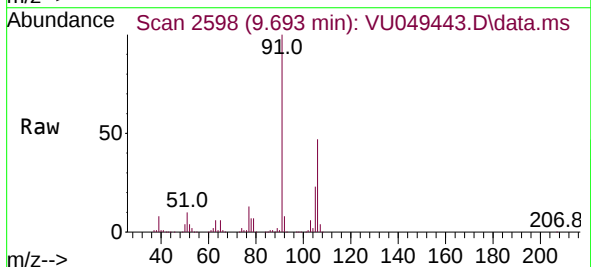
Acq: 28 Jun 2022 07:46

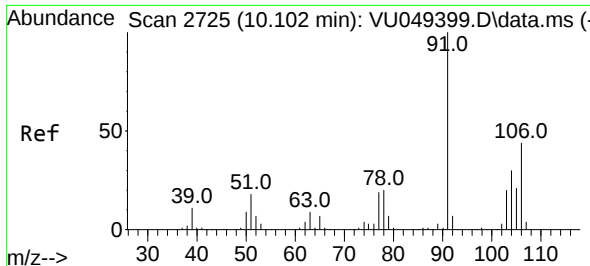
Tgt Ion: 106 Resp: 212214

Ion Ratio Lower Upper

106 100

91 212.3 157.2 235.8

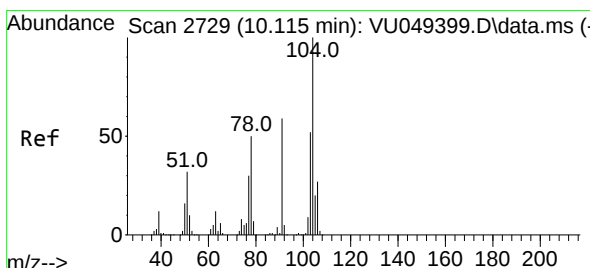
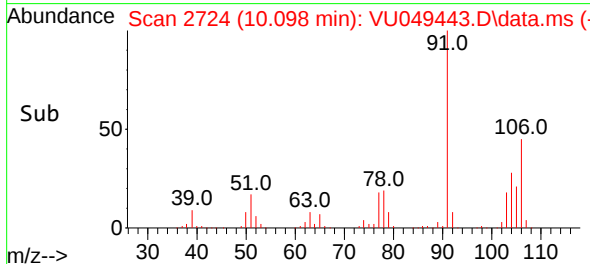
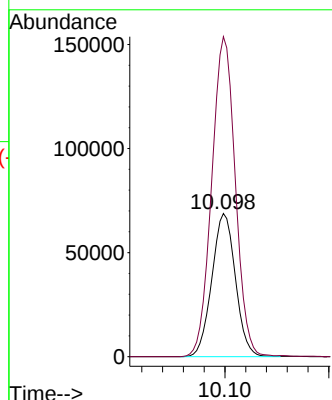
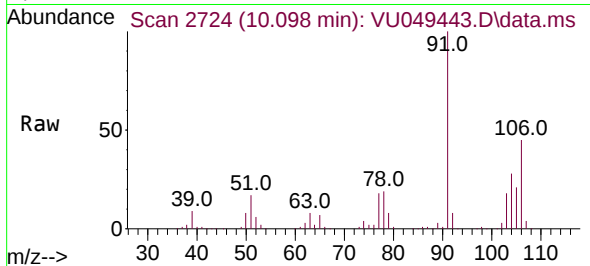




#69
o-Xylene
Concen: 20.274 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

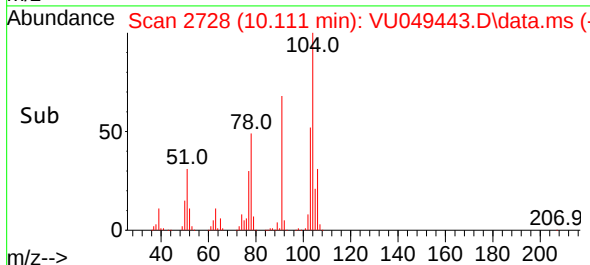
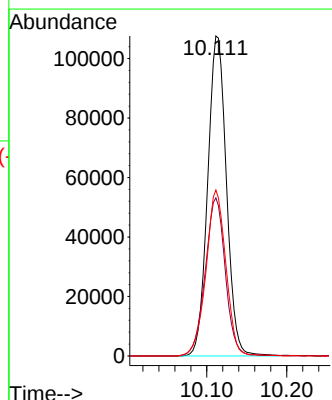
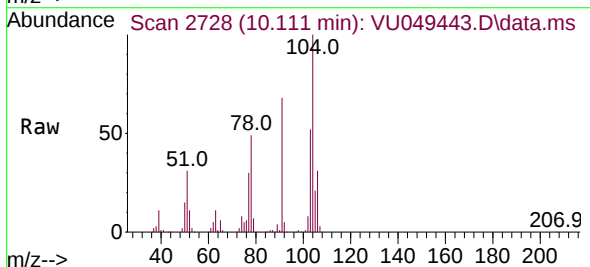
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

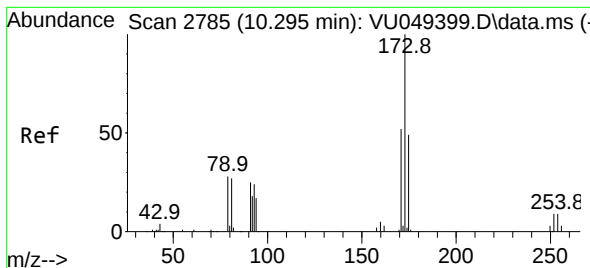
Tgt Ion:106 Resp: 108200
Ion Ratio Lower Upper
106 100
91 223.9 103.5 310.5



#70
Styrene
Concen: 20.488 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion:104 Resp: 175691
Ion Ratio Lower Upper
104 100
78 52.9 38.0 57.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 19.905 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

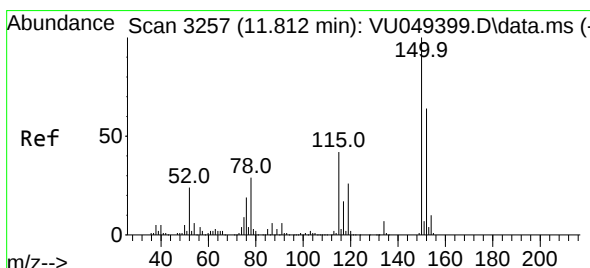
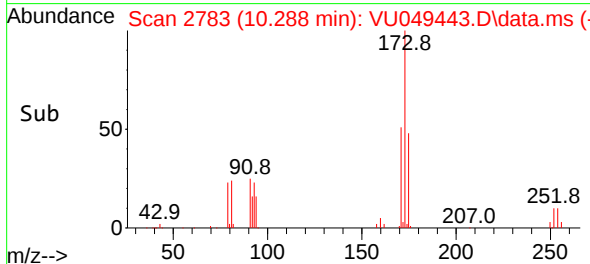
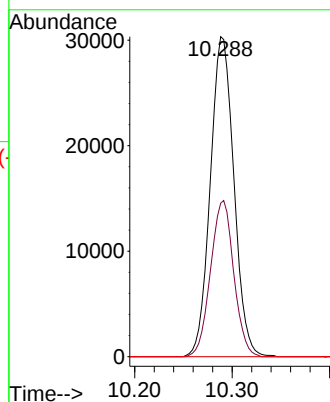
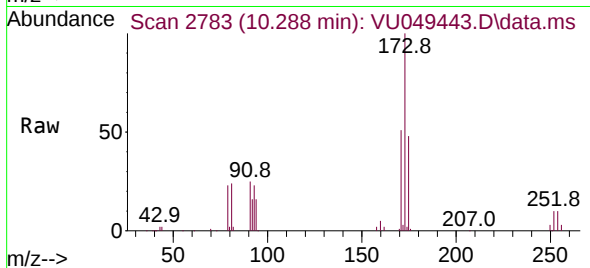
Tgt Ion:173 Resp: 50968

Ion Ratio Lower Upper

173 100

175 48.0 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: VU049443.D

Acq: 28 Jun 2022 07:46

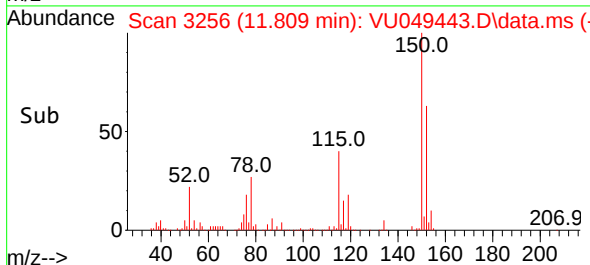
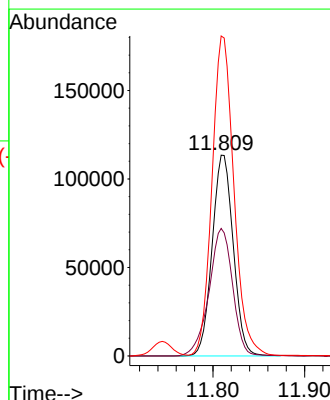
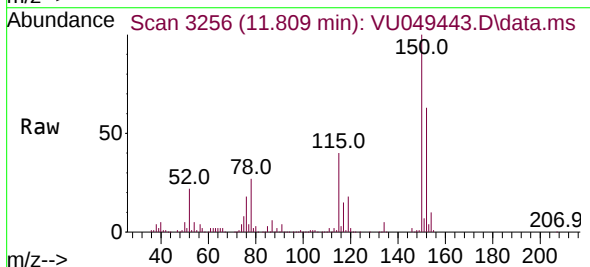
Tgt Ion:152 Resp: 181621

Ion Ratio Lower Upper

152 100

115 70.7 37.0 110.9

150 164.8 0.0 342.2

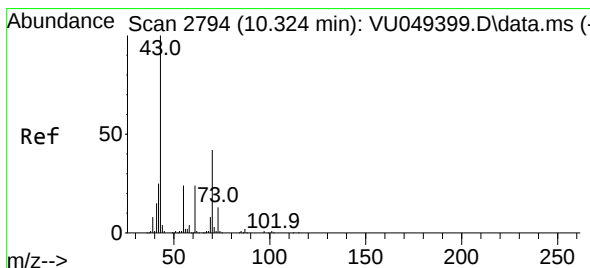
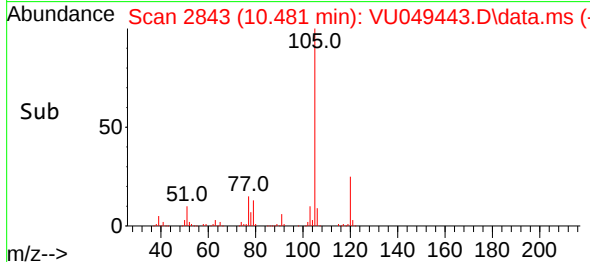
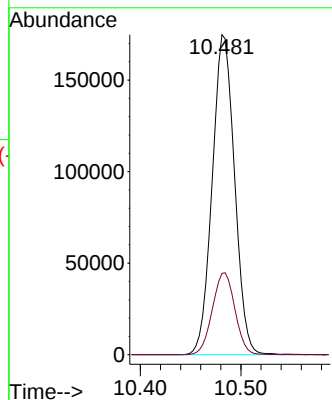
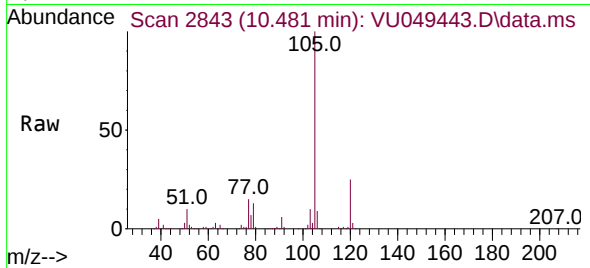




#73
Isopropylbenzene
Concen: 20.852 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

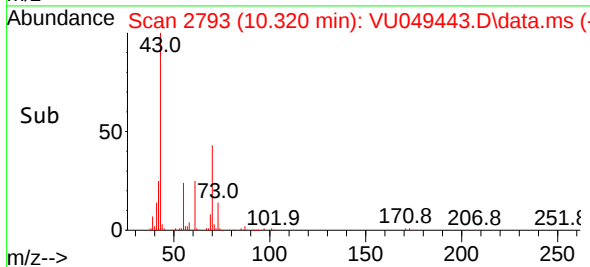
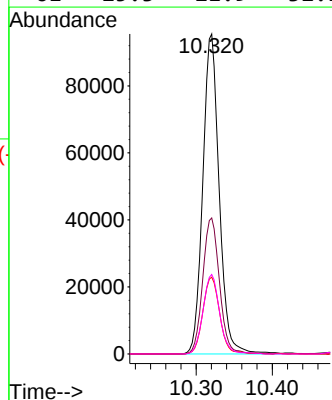
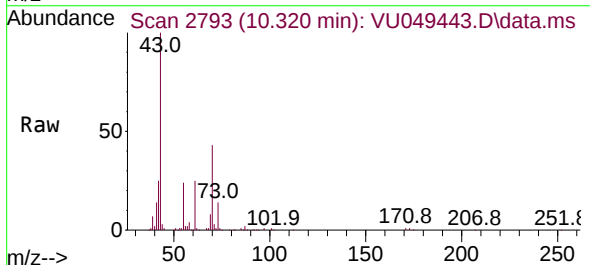
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

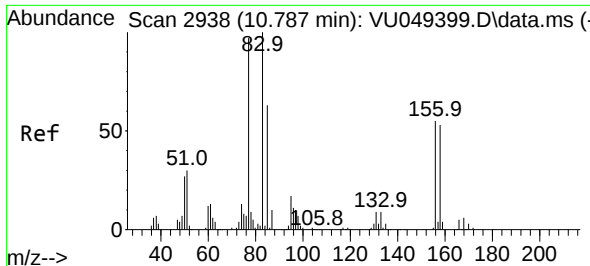
Tgt Ion:105 Resp: 269782
Ion Ratio Lower Upper
105 100
120 25.9 13.8 41.4



#74
N-ethyl acetate
Concen: 20.893 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 43 Resp: 143065
Ion Ratio Lower Upper
43 100
70 43.3 38.7 58.1
55 24.7 21.8 32.8
61 25.3 21.9 32.9

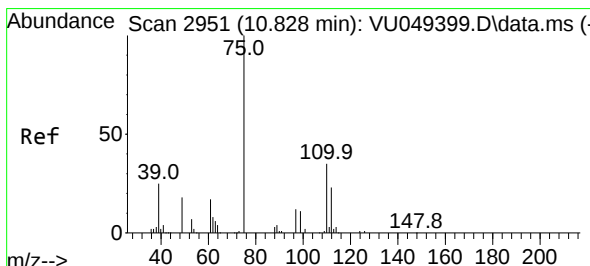
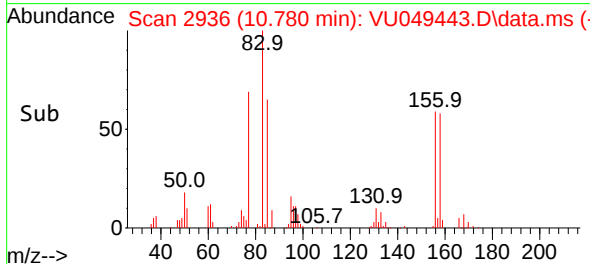
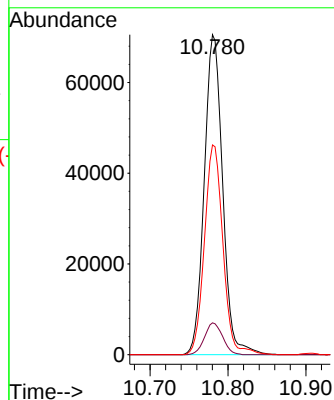
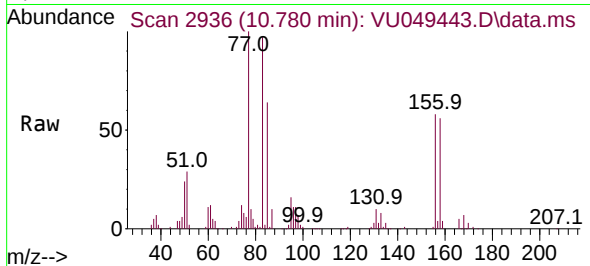




#75
1,1,2,2-Tetrachloroethane
Concen: 21.103 ug/l
RT: 10.780 min Scan# 2938
Delta R.T. -0.006 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

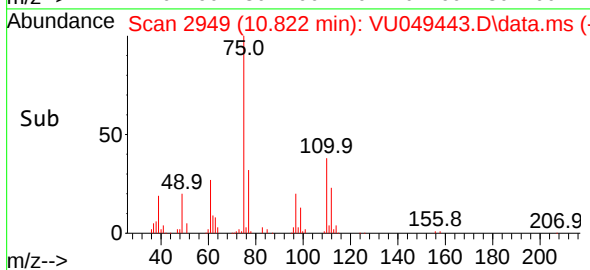
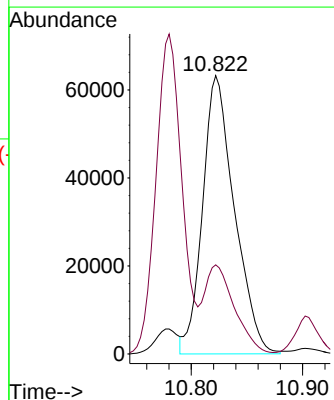
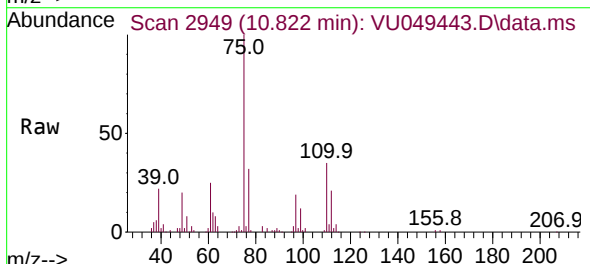
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

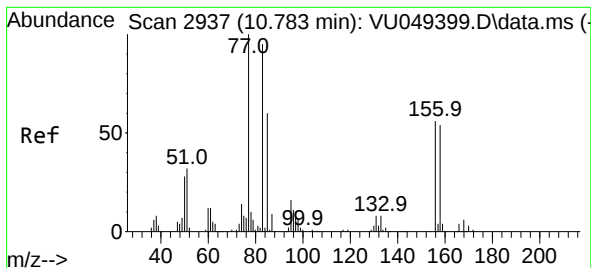
Tgt Ion: 83 Resp: 115658
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 65.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 20.384 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 75 Resp: 125498
Ion Ratio Lower Upper
75 100
77 30.4 15.8 47.3





#77

Bromobenzene

Concen: 21.701 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

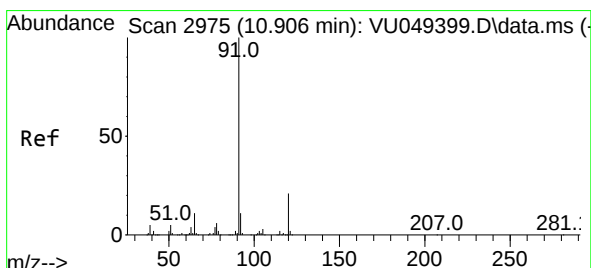
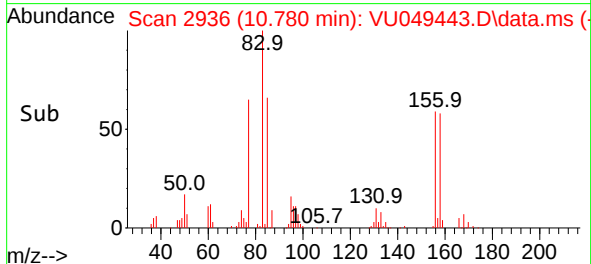
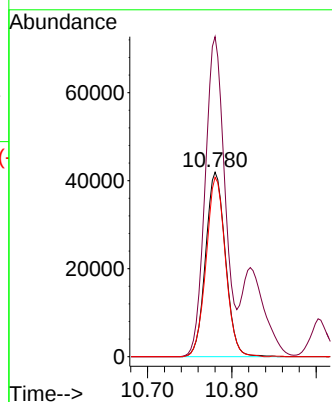
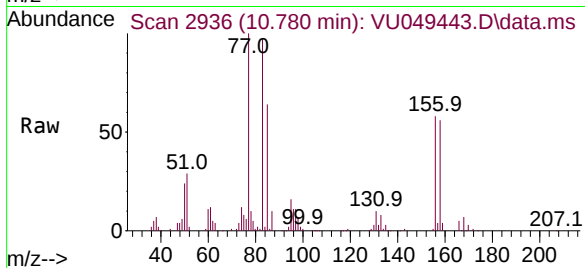
Tgt Ion:156 Resp: 68534

Ion Ratio Lower Upper

156 100

77 172.2 71.9 215.6

158 95.4 48.9 146.8



#78

n-propylbenzene

Concen: 19.675 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. -0.003 min

Lab File: VU049443.D

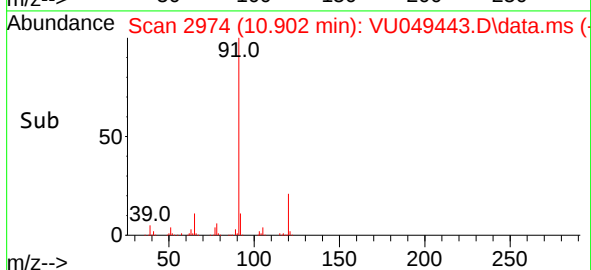
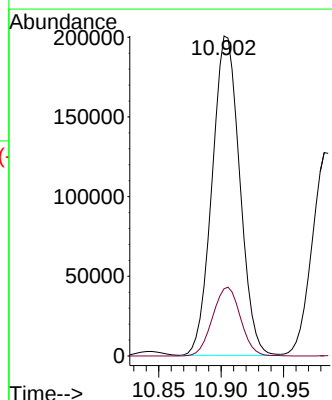
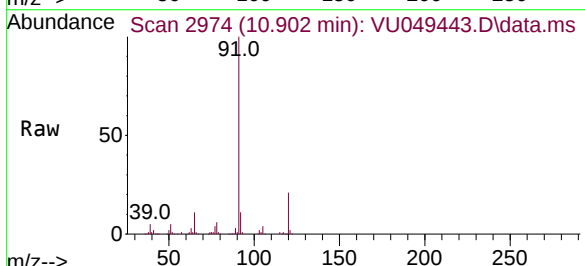
Acq: 28 Jun 2022 07:46

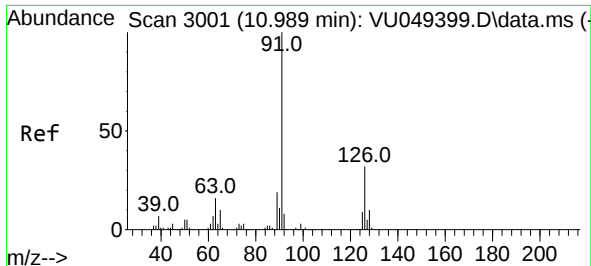
Tgt Ion: 91 Resp: 309307

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.5

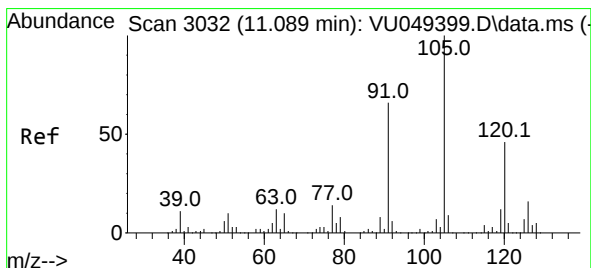
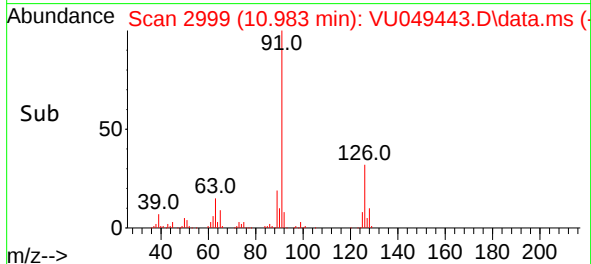
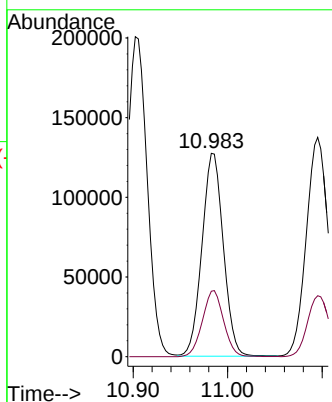
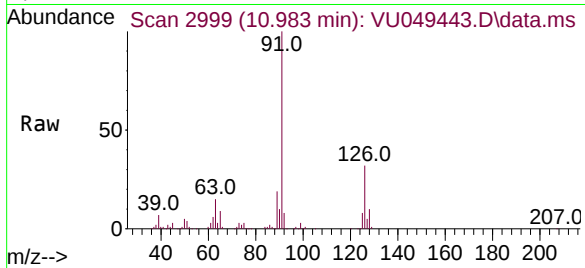




#79
2-Chlorotoluene
Concen: 20.645 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.006 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

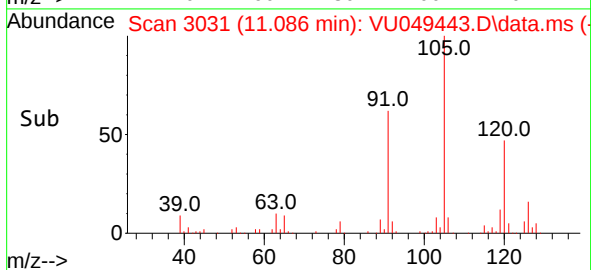
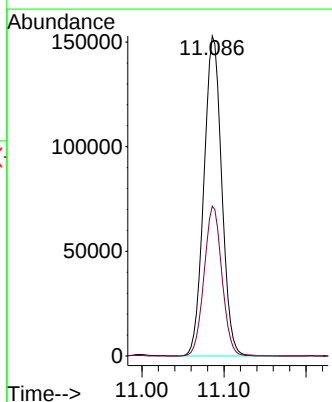
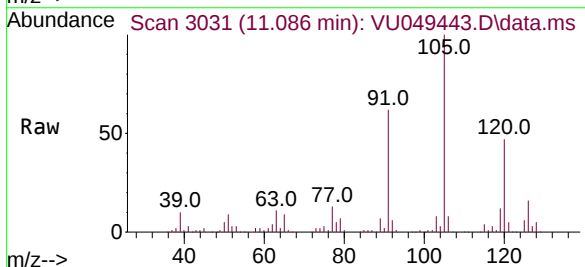
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

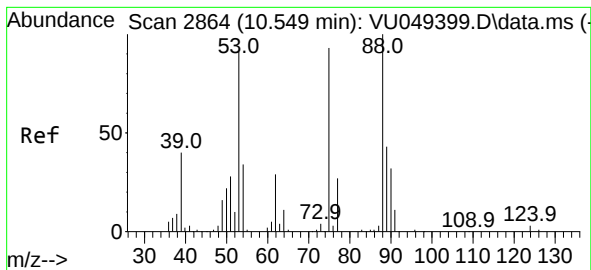
Tgt Ion: 91 Resp: 199960
Ion Ratio Lower Upper
91 100
126 32.4 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 20.433 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion:105 Resp: 230796
Ion Ratio Lower Upper
105 100
120 46.7 25.3 75.9

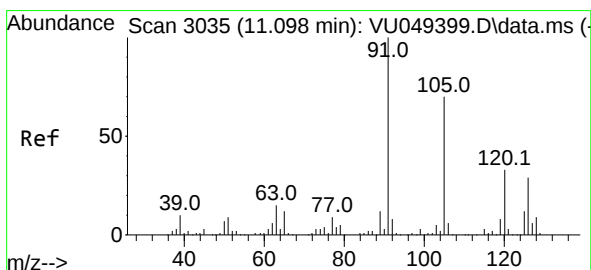
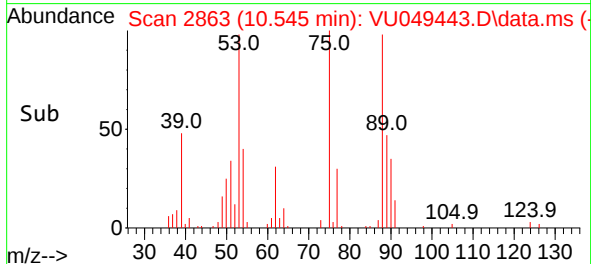
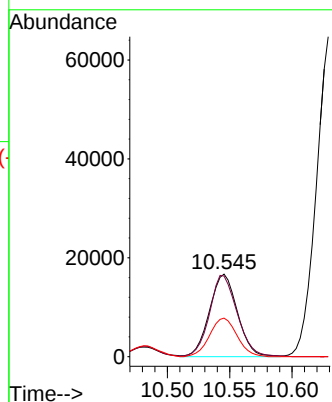
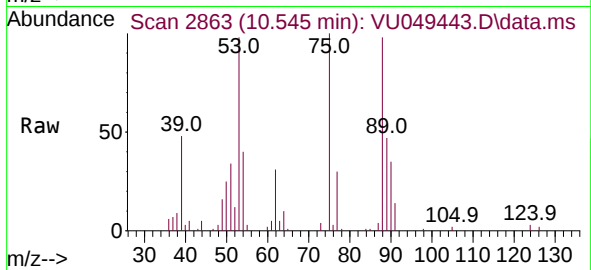




#81
trans-1,4-Dichloro-2-butene
Concen: 15.670 ug/l
RT: 10.545 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

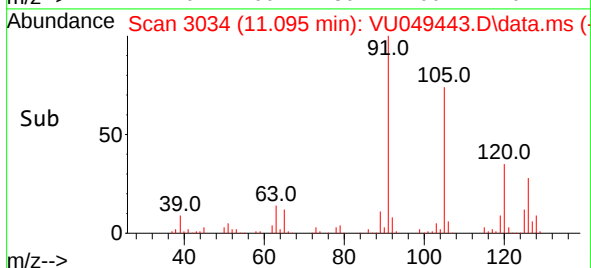
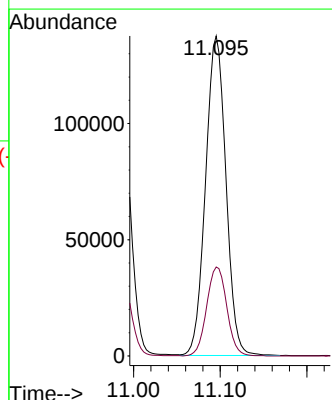
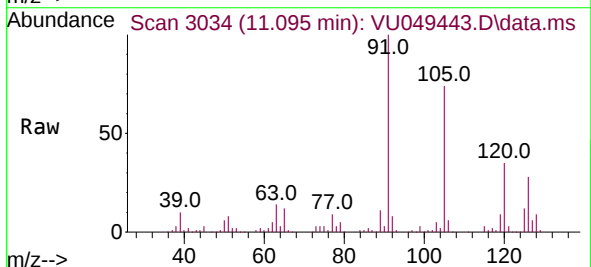
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

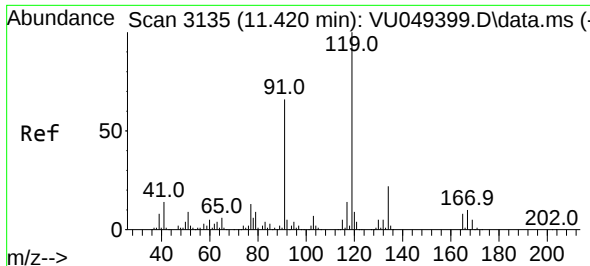
Tgt Ion: 75 Resp: 26125
Ion Ratio Lower Upper
75 100
53 97.8 69.2 103.8
89 45.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.591 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 91 Resp: 224313
Ion Ratio Lower Upper
91 100
126 27.5 16.1 48.2

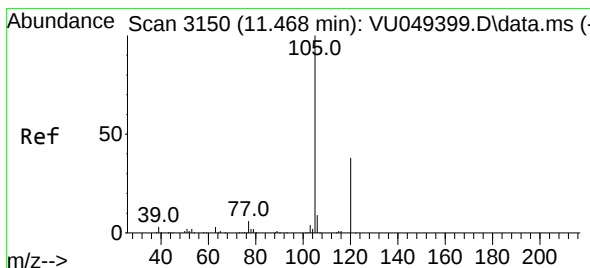
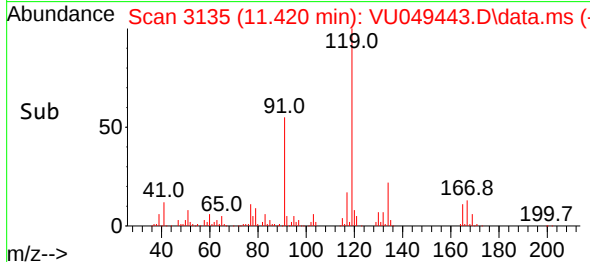
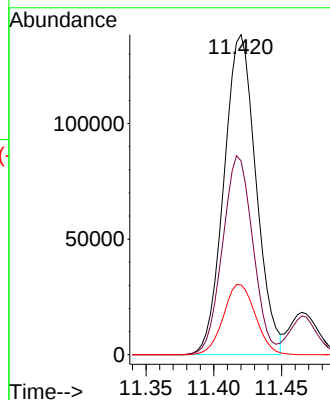
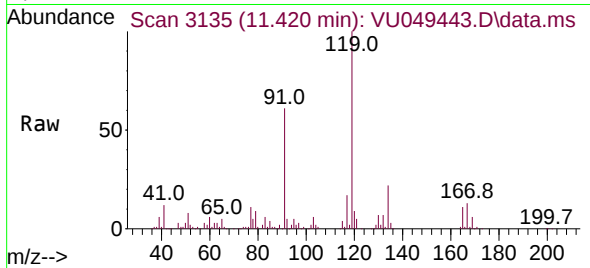




#83
 tert-Butylbenzene
 Concen: 20.534 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

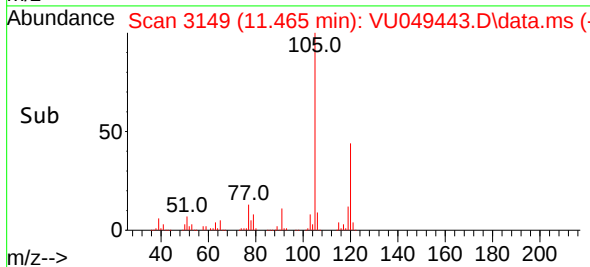
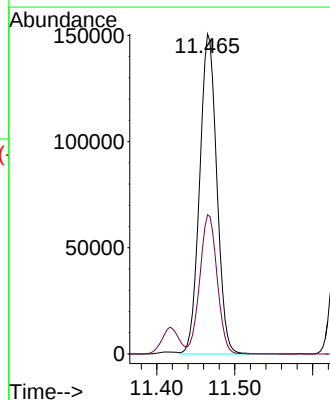
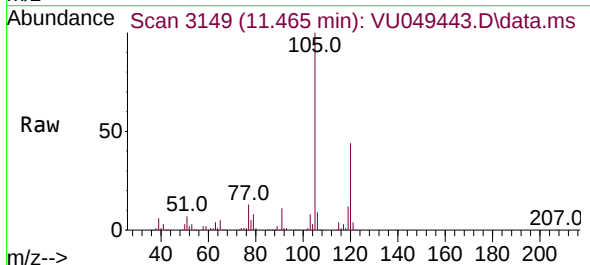
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

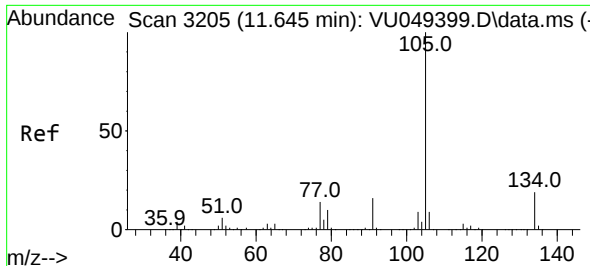
Tgt Ion:	119	Resp:	228119
Ion	Ratio	Lower	Upper
119	100		
91	58.9	26.8	80.3
134	21.9	11.5	34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.713 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

Tgt Ion:	105	Resp:	229835
Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.4	70.3

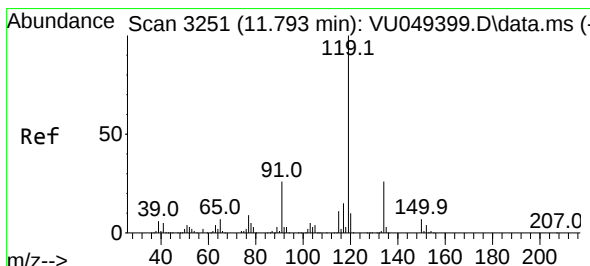
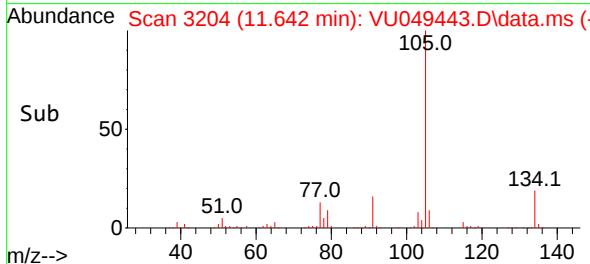
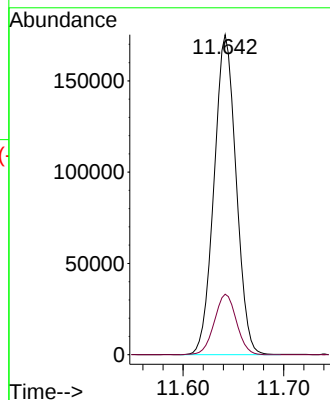
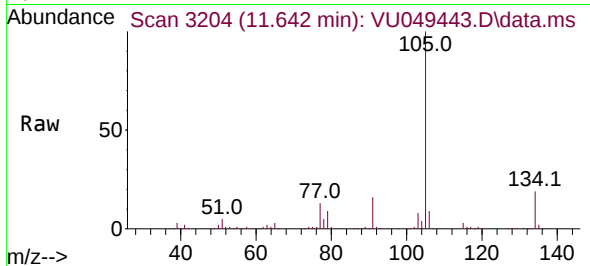




#85
 sec-Butylbenzene
 Concen: 19.117 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

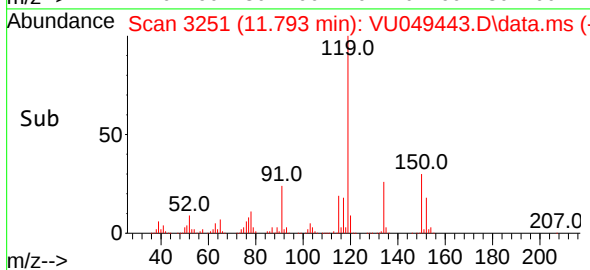
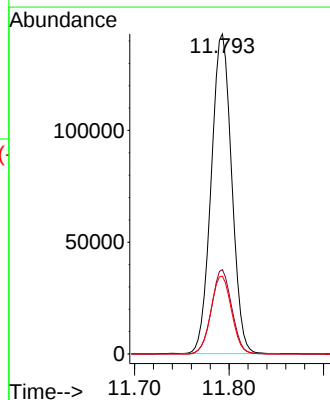
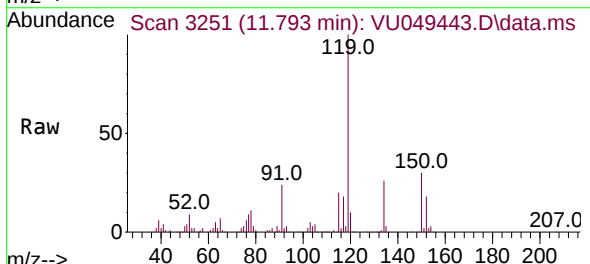
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBS02

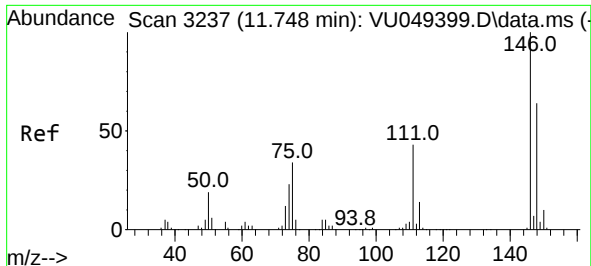
Tgt Ion:105 Resp: 267018
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.023 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049443.D
 Acq: 28 Jun 2022 07:46

Tgt Ion:119 Resp: 214879
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 24.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.897 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

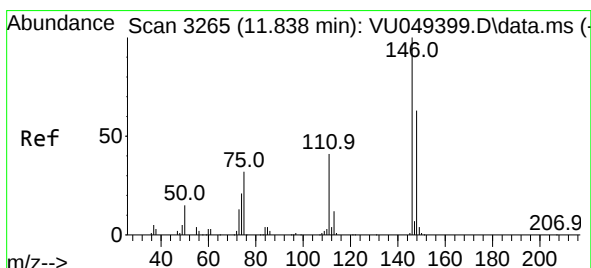
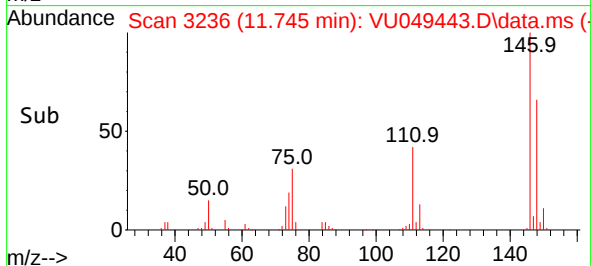
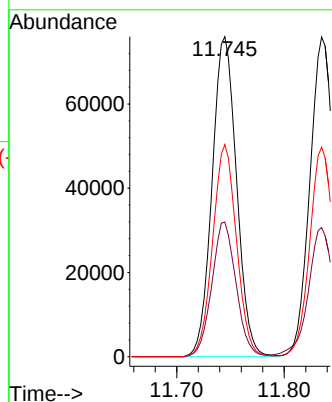
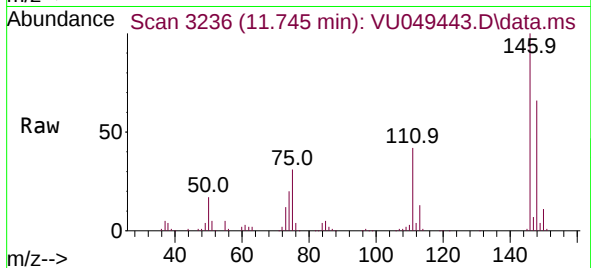
Tgt Ion:146 Resp: 120128

Ion Ratio Lower Upper

146 100

111 41.6 18.9 56.5

148 64.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.706 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

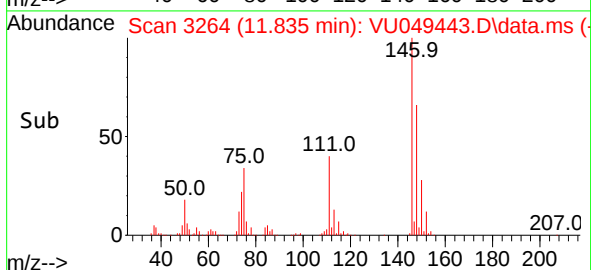
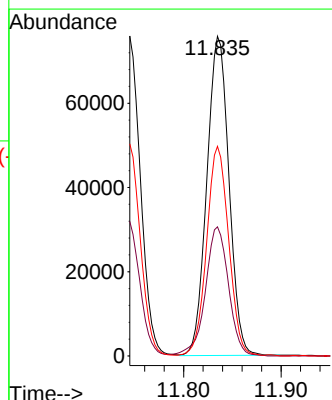
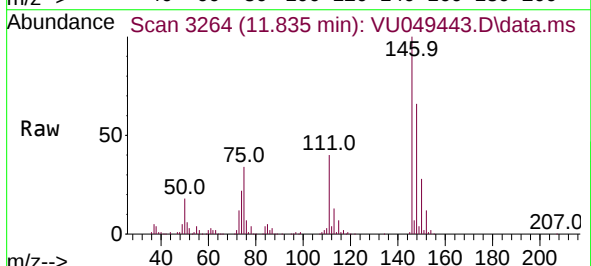
Tgt Ion:146 Resp: 119583

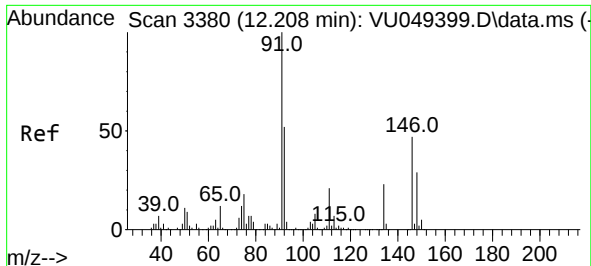
Ion Ratio Lower Upper

146 100

111 42.5 18.5 55.5

148 65.0 31.9 95.7

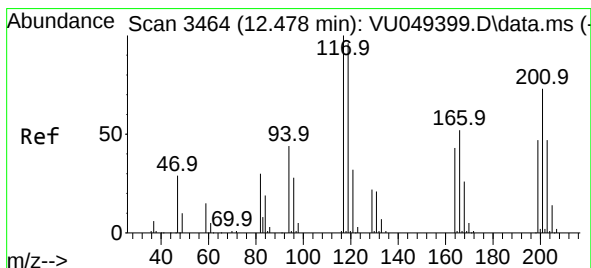
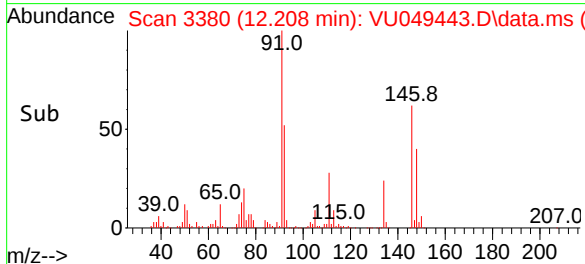
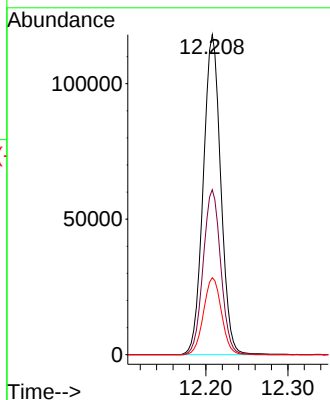
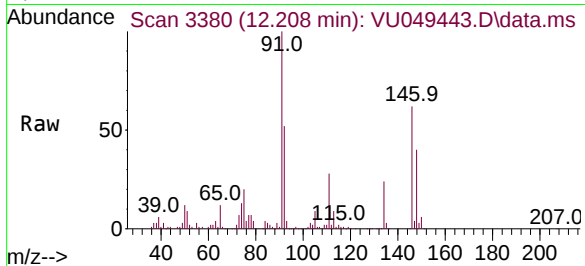




#89
n-Butylbenzene
Concen: 16.758 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

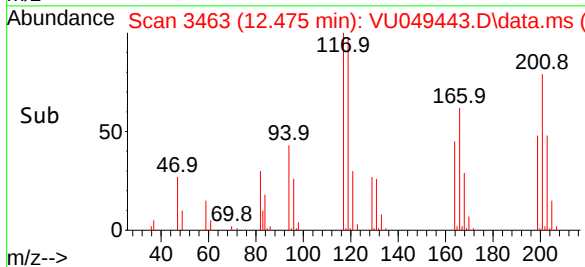
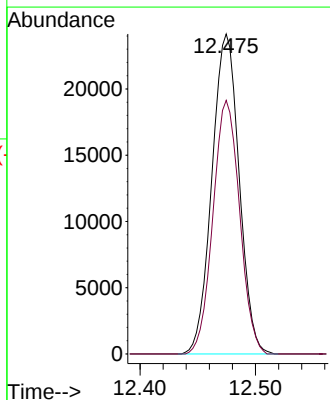
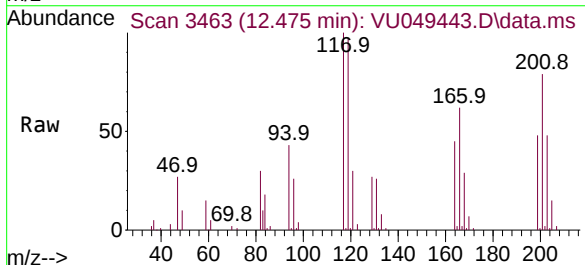
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

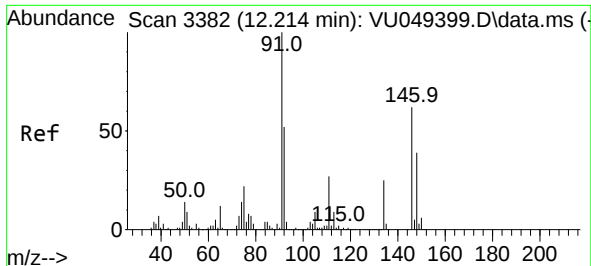
Tgt Ion: 91 Resp: 175224
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.6
134 24.6 13.5 40.4



#90
Hexachloroethane
Concen: 17.585 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion: 117 Resp: 39565
Ion Ratio Lower Upper
117 100
201 77.5 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 20.856 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

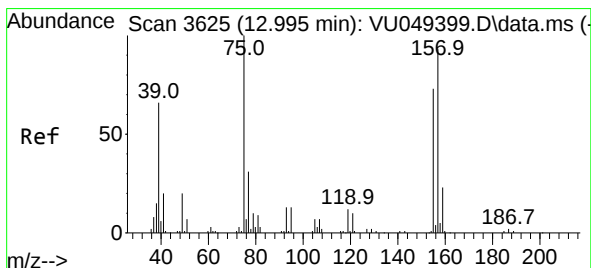
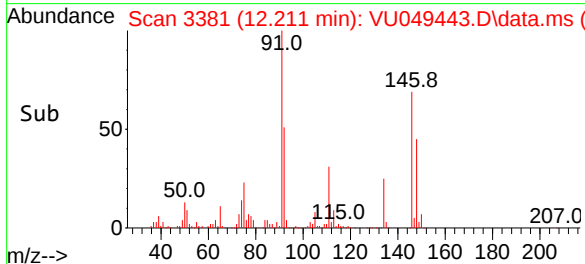
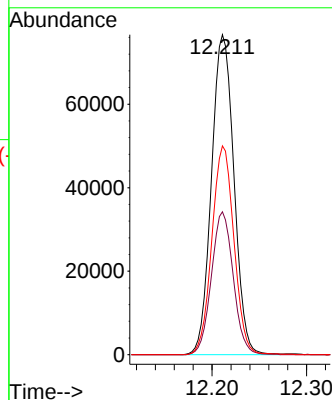
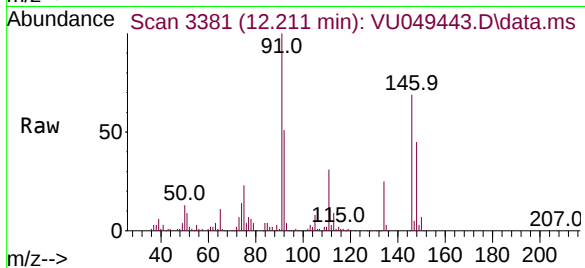
Tgt Ion:146 Resp: 126523

Ion Ratio Lower Upper

146 100

111 43.4 19.9 59.6

148 64.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.833 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

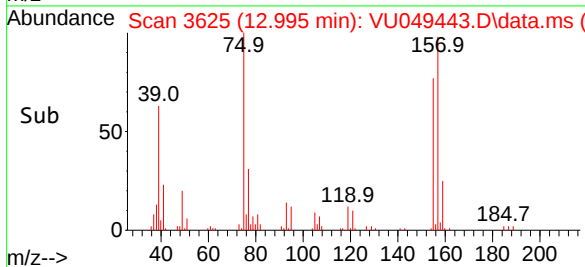
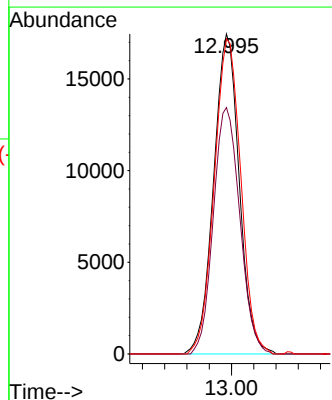
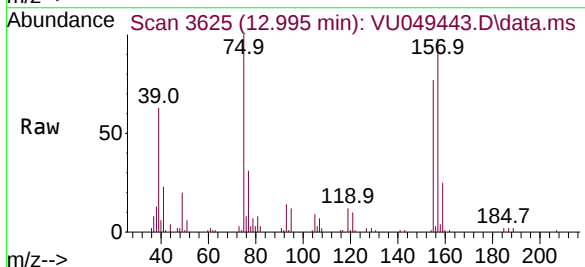
Tgt Ion: 75 Resp: 27871

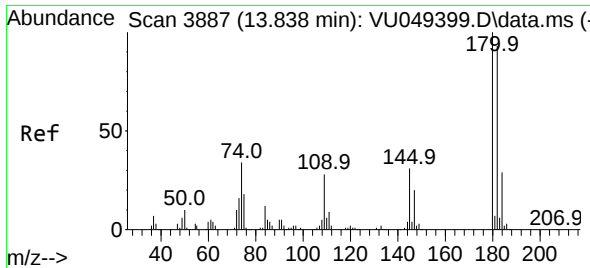
Ion Ratio Lower Upper

75 100

155 79.6 47.8 143.4

157 101.8 62.2 186.5

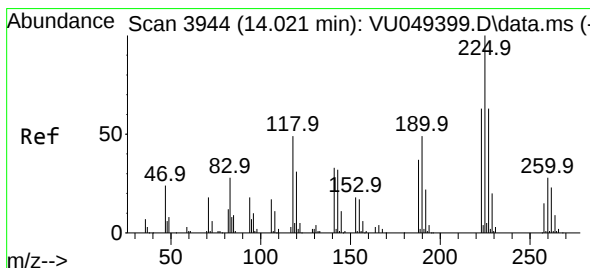
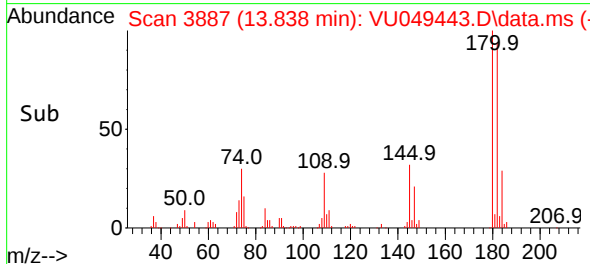
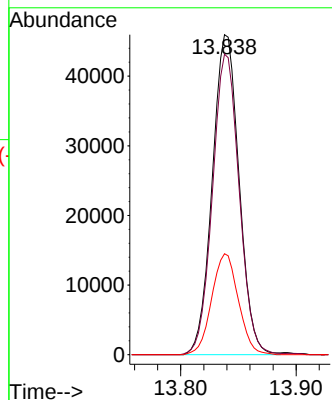
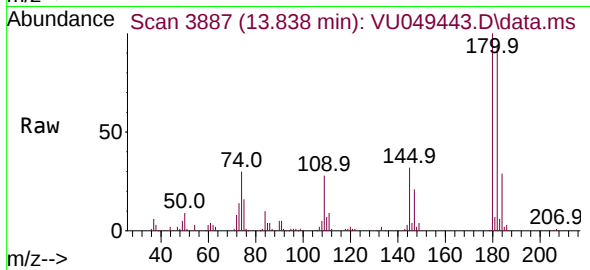




#93
1,2,4-Trichlorobenzene
Concen: 19.282 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

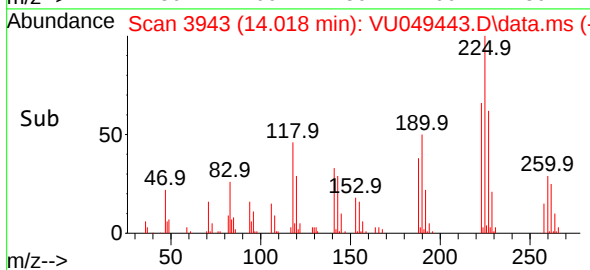
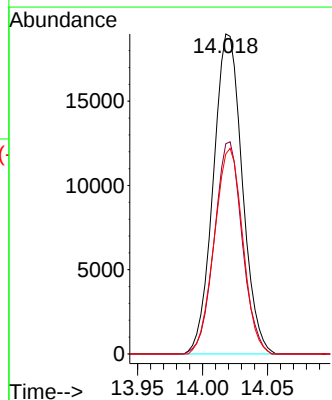
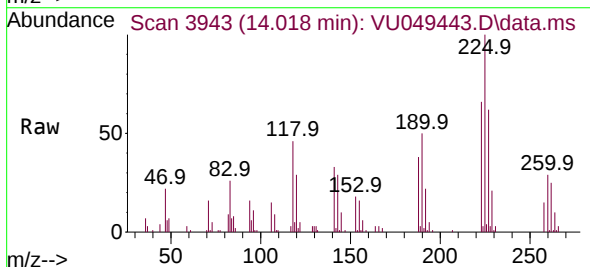
Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS02

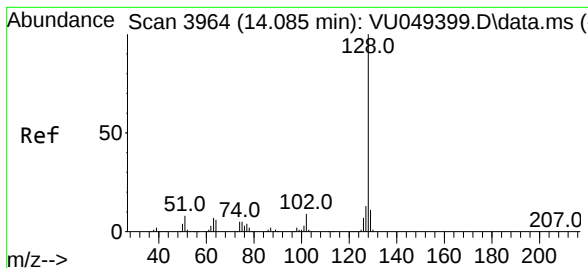
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.6
145	31.4	14.0	41.9



#94
Hexachlorobutadiene
Concen: 15.614 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU049443.D
Acq: 28 Jun 2022 07:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.3	93.9
227	63.3	32.0	96.2





#95

Naphthalene

Concen: 20.553 ug/l

RT: 14.085 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBS02

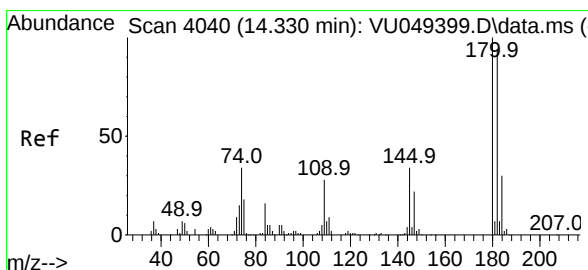
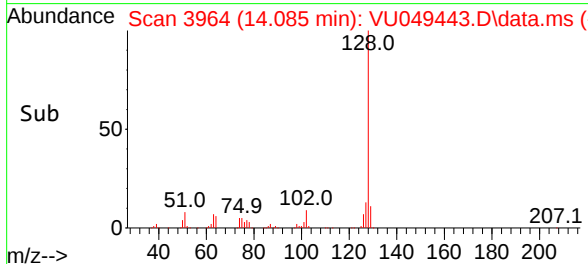
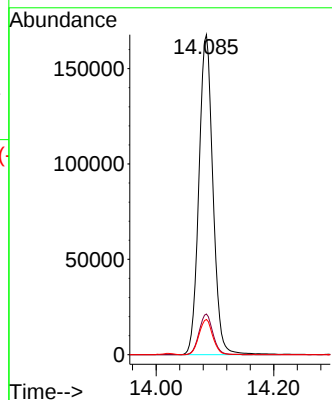
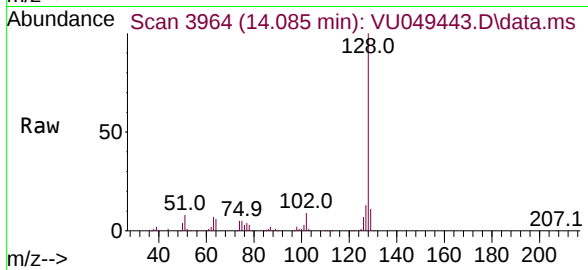
Tgt Ion:128 Resp: 277183

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.649 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU049443.D

Acq: 28 Jun 2022 07:46

Tgt Ion:180 Resp: 79176

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.0

145 33.6 14.8 44.4

