

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049473.D
 Acq On : 28 Jun 2022 21:04
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 29 05:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	254382	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	467244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	429005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	201001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	205144	52.364	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.288	113	165675	50.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	7.896	98	588156	50.444	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.880%			
62) 4-Bromofluorobenzene	10.632	95	221868	49.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	167564	40.992	ug/l	99
3) Chloromethane	1.520	50	217182	43.343	ug/l	99
4) Vinyl Chloride	1.600	62	185823	45.153	ug/l	98
5) Bromomethane	1.851	94	74087	57.895	ug/l	97
6) Chloroethane	1.922	64	91373	48.201	ug/l	96
7) Trichlorofluoromethane	2.131	101	222277	42.379	ug/l	97
8) Diethyl Ether	2.375	74	103091	54.413	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	126850	44.951	ug/l	97
10) Methyl Iodide	2.716	142	186696	64.718	ug/l	96
11) Tert butyl alcohol	3.202	59	311460	339.665	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	139461	50.476	ug/l	92
13) Acrolein	2.485	56	122439	197.172	ug/l	100
14) Allyl chloride	2.919	41	288504	51.667	ug/l	# 86
15) Acrylonitrile	3.314	53	623424	282.687	ug/l	100
16) Acetone	2.633	43	511622	258.965	ug/l	100
17) Carbon Disulfide	2.787	76	400044	46.428	ug/l	99
18) Methyl Acetate	2.948	43	284561	53.208	ug/l	94
19) Methyl tert-butyl Ether	3.362	73	570552	55.523	ug/l	97
20) Methylene Chloride	3.041	84	187589	57.146	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	155316	52.147	ug/l	94
22) Diisopropyl ether	3.989	45	571748	53.629	ug/l	# 79
23) Vinyl Acetate	3.954	43	2587199	276.870	ug/l	95
24) 1,1-Dichloroethane	3.867	63	318736	52.048	ug/l	98
25) 2-Butanone	4.703	43	841332	284.158	ug/l	96
26) 2,2-Dichloropropane	4.665	77	185883	36.470	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	190286	55.296	ug/l	95
28) Bromochloromethane	4.970	49	141550	52.880	ug/l	# 80
29) Tetrahydrofuran	5.051	42	559770	275.595	ug/l	89
30) Chloroform	5.089	83	312300	51.554	ug/l	100
31) Cyclohexane	5.385	56	256893	43.671	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	258087	49.103	ug/l	99
36) 1,1-Dichloropropene	5.523	75	208600	44.009	ug/l	98
37) Ethyl Acetate	4.803	43	319484	49.326	ug/l	# 95
38) Carbon Tetrachloride	5.523	117	216018	43.456	ug/l	100
39) Methylcyclohexane	6.761	83	236869	41.691	ug/l	92
40) Benzene	5.774	78	694431	48.526	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	164660	50.735	ug/l	89
42) 1,2-Dichloroethane	5.793	62	249869	46.914	ug/l	100
43) Isopropyl Acetate	5.909	43	480691	50.649	ug/l	97
44) Trichloroethene	6.542	130	165184	48.556	ug/l	90
45) 1,2-Dichloropropane	6.790	63	192151	48.458	ug/l	100
46) Dibromomethane	6.919	93	131532	49.752	ug/l	92
47) Bromodichloromethane	7.105	83	244780	48.105	ug/l	98
48) Methyl methacrylate	6.960	41	229780	51.663	ug/l	88
49) 1,4-Dioxane	6.993	88	128448	1127.260	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1581100	248.929	ug/l	97
52) Toluene	7.970	92	416843	49.008	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	264762	48.507	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	289957	49.753	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	180648	51.369	ug/l	98
56) Ethyl methacrylate	8.333	69	318314	54.118	ug/l	94
57) 1,3-Dichloropropane	8.574	76	307712	49.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	191391	408.547	ug/l	95
59) 2-Hexanone	8.684	43	1243695	248.997	ug/l	96
60) Dibromochloromethane	8.809	129	188206	51.464	ug/l	99
61) 1,2-Dibromoethane	8.922	107	194021	50.627	ug/l	99
64) Tetrachloroethene	8.552	164	124935	45.404	ug/l	94
65) Chlorobenzene	9.446	112	430680	49.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	168087	50.804	ug/l	99
67) Ethyl Benzene	9.568	91	785462	48.783	ug/l	96
68) m/p-Xylenes	9.693	106	589007	98.868	ug/l	91
69) o-Xylene	10.099	106	297656	50.328	ug/l	89
70) Styrene	10.115	104	494259	52.011	ug/l	96
71) Bromoform	10.291	173	147686	52.046	ug/l	99
73) Isopropylbenzene	10.481	105	748517	52.276	ug/l	96
74) N-amyl acetate	10.320	43	410901	54.221	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	319069	52.605	ug/l	100
76) 1,2,3-Trichloropropane	10.822	75	355358	52.153	ug/l	96
77) Bromobenzene	10.780	156	186637	53.400	ug/l	86
78) n-propylbenzene	10.906	91	857826	49.304	ug/l	97
79) 2-Chlorotoluene	10.986	91	541533	50.519	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	638832	51.105	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	90003	48.779	ug/l	96
82) 4-Chlorotoluene	11.095	91	611345	50.709	ug/l	93
83) tert-Butylbenzene	11.420	119	625728	50.893	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	642830	52.346	ug/l	94
85) sec-Butylbenzene	11.642	105	733718	47.465	ug/l	97
86) p-Isopropyltoluene	11.793	119	610570	48.842	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	331955	49.680	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	330651	49.233	ug/l	96
89) n-Butylbenzene	12.208	91	525519	45.412	ug/l	98
90) Hexachloroethane	12.475	117	115061	46.210	ug/l	85
91) 1,2-Dichlorobenzene	12.211	146	345576	51.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	81749	52.563	ug/l	85
93) 1,2,4-Trichlorobenzene	13.838	180	218772	48.606	ug/l	98
94) Hexachlorobutadiene	14.021	225	82374	39.553	ug/l	99
95) Naphthalene	14.086	128	881841	55.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	231366	49.950	ug/l	97

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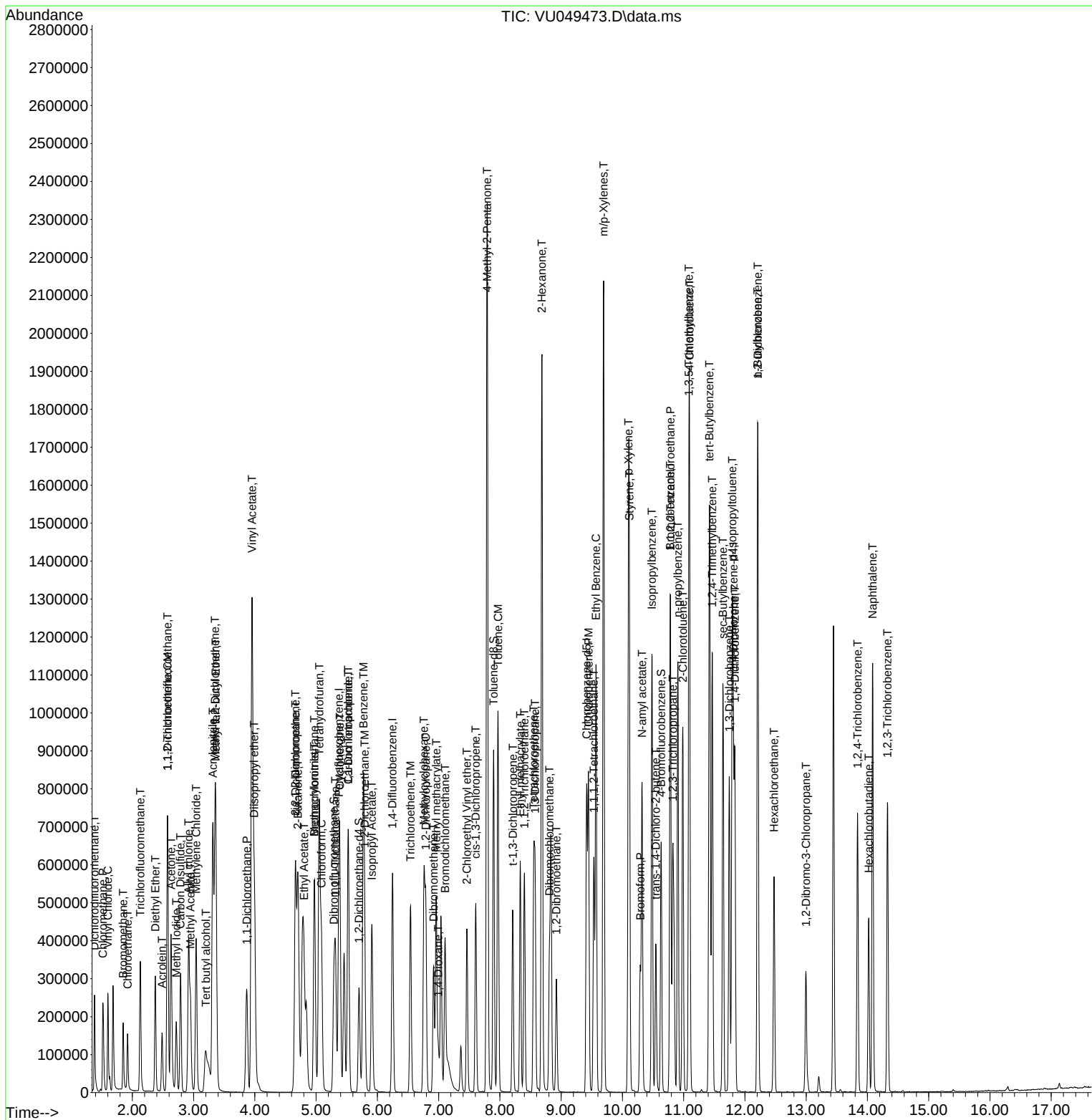
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

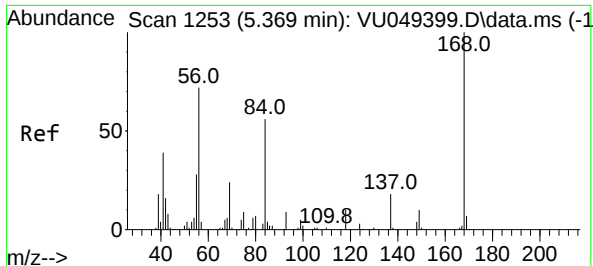
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QLast Update : Tue Jun 28 10:35:43 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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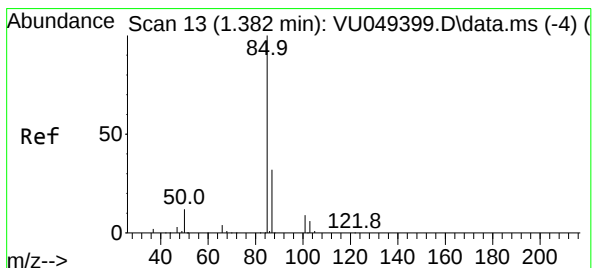
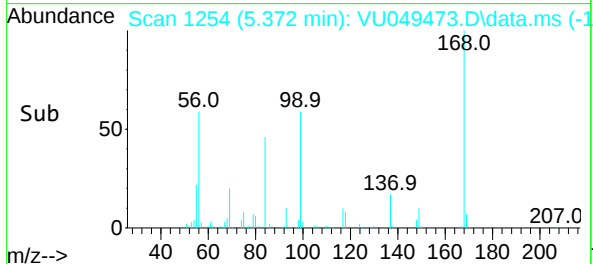
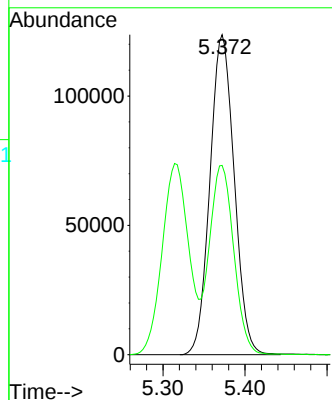
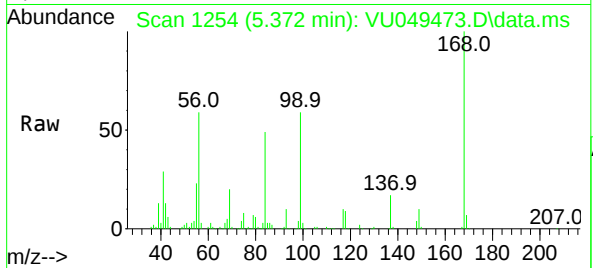




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049473.D
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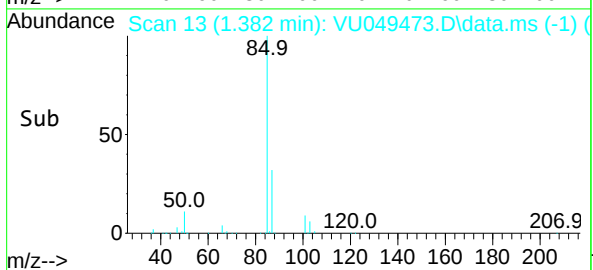
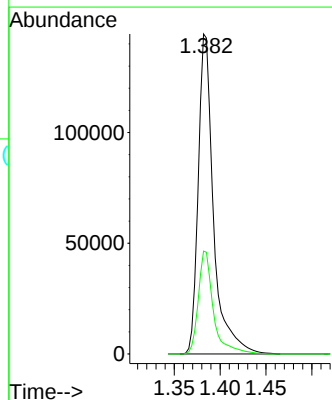
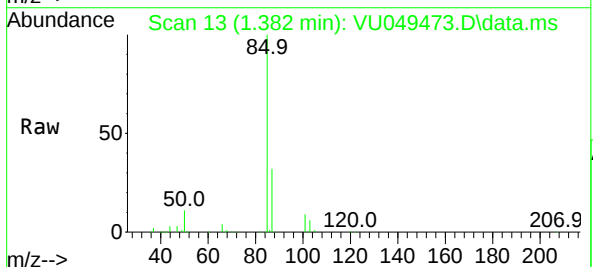
Instrument :
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ClientSampleId :
VSTDCCC050EC

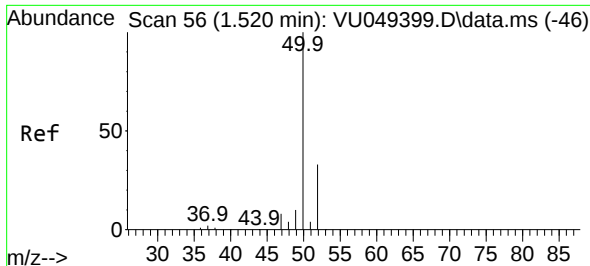
Tgt Ion:168 Resp: 254382
Ion Ratio Lower Upper
168 100
99 58.9 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 40.992 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 85 Resp: 167564
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.2

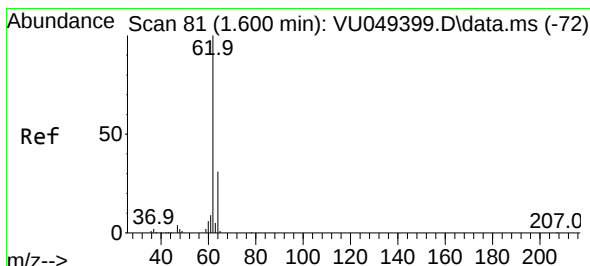
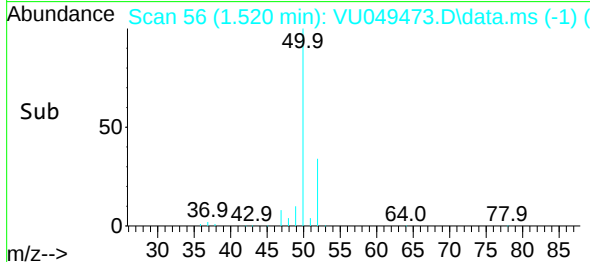
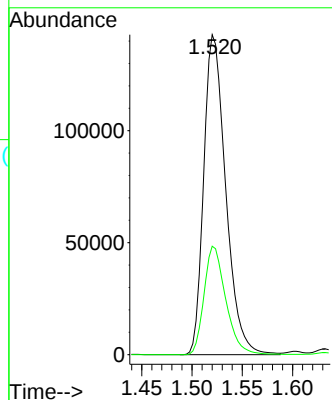
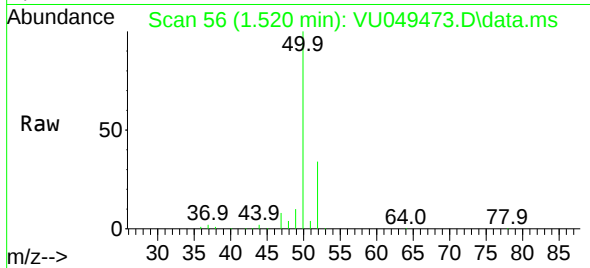




#3
Chloromethane
Concen: 43.343 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

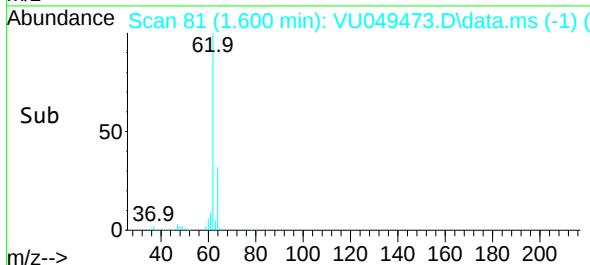
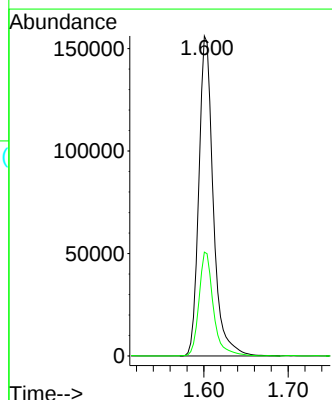
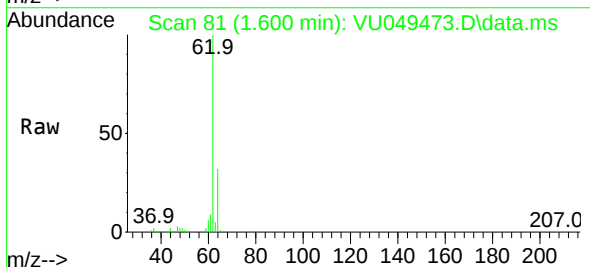
Instrument :
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ClientSampleId :
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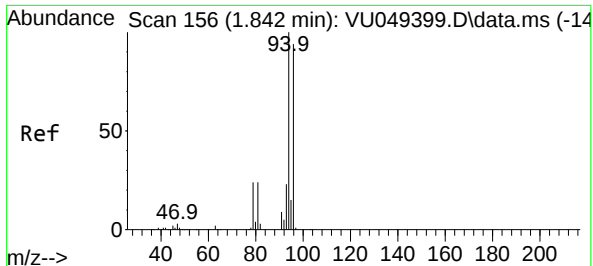
Tgt Ion: 50 Resp: 217182
Ion Ratio Lower Upper
50 100
52 33.9 27.4 41.2



#4
Vinyl Chloride
Concen: 45.153 ug/l
RT: 1.600 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 62 Resp: 185823
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

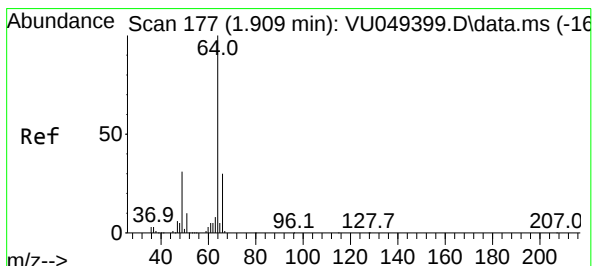
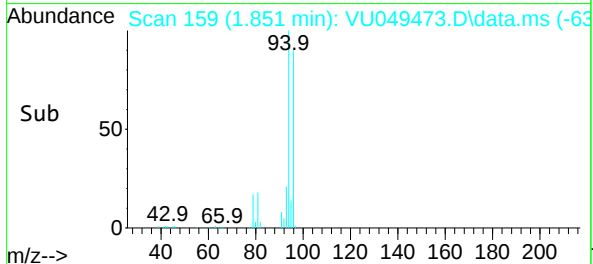
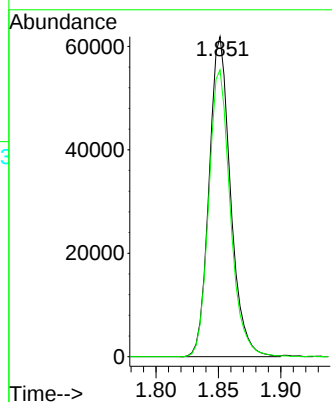
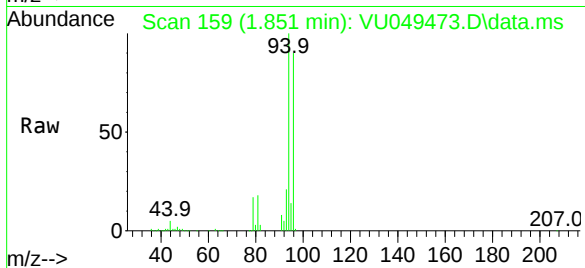




#5
Bromomethane
Concen: 57.895 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

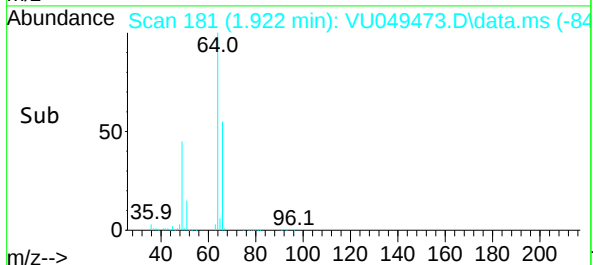
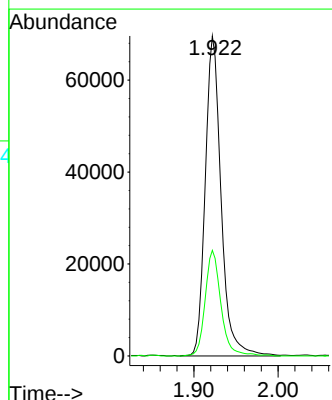
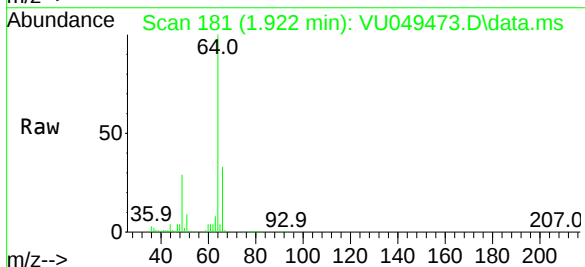
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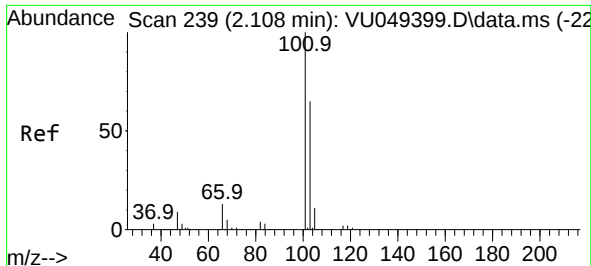
Tgt Ion: 94 Resp: 74087
Ion Ratio Lower Upper
94 100
96 89.7 73.7 110.5



#6
Chloroethane
Concen: 48.201 ug/l
RT: 1.922 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 64 Resp: 91373
Ion Ratio Lower Upper
64 100
66 33.0 24.7 37.1

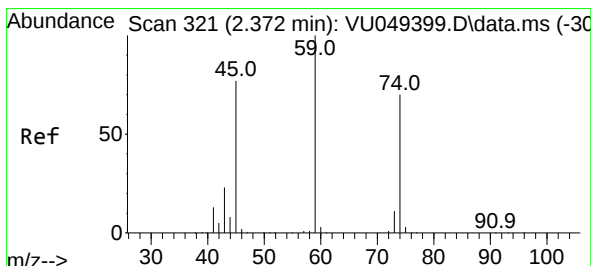
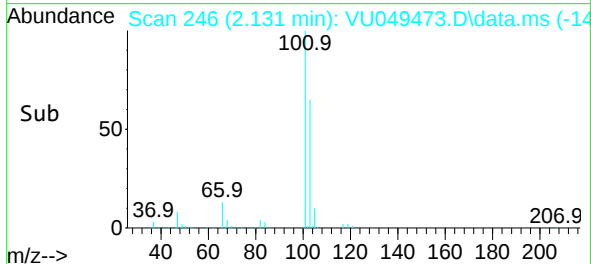
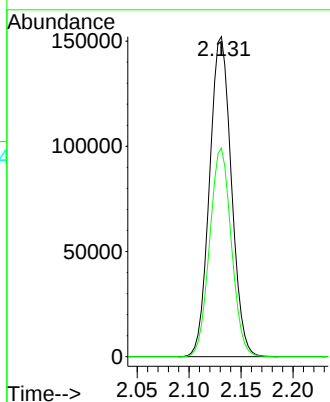
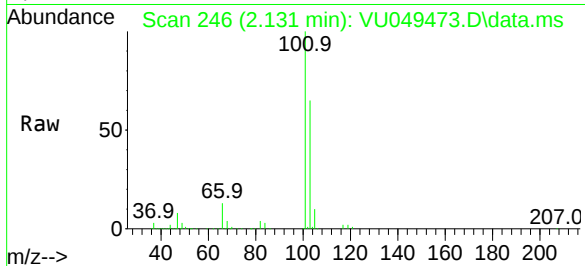




#7
 Trichlorofluoromethane
 Concen: 42.379 ug/l
 RT: 2.131 min Scan# 24
 Delta R.T. 0.023 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

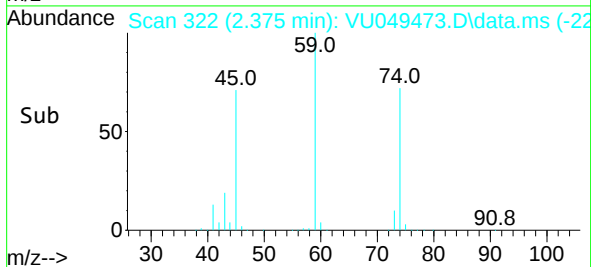
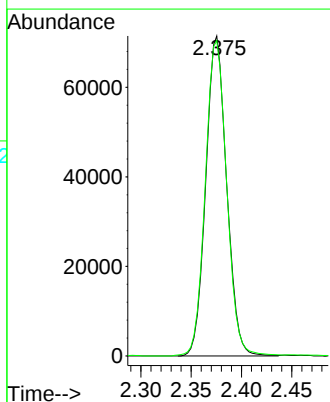
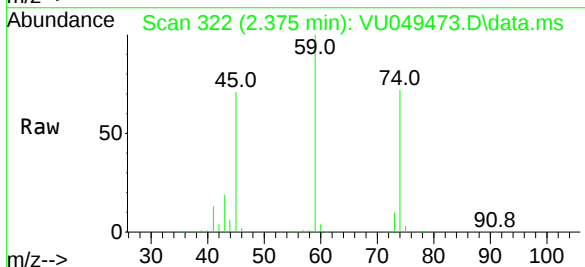
Instrument :
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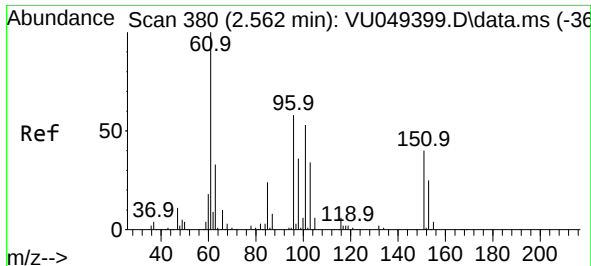
Tgt Ion:101 Resp: 222277
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.6 75.8



#8
 Diethyl Ether
 Concen: 54.413 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.003 min
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 Acq: 28 Jun 2022 21:04

Tgt Ion: 74 Resp: 103091
 Ion Ratio Lower Upper
 74 100
 45 101.3 44.4 133.2

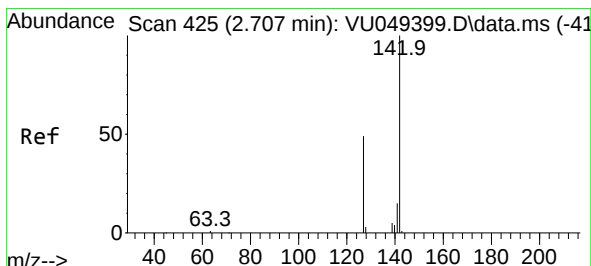
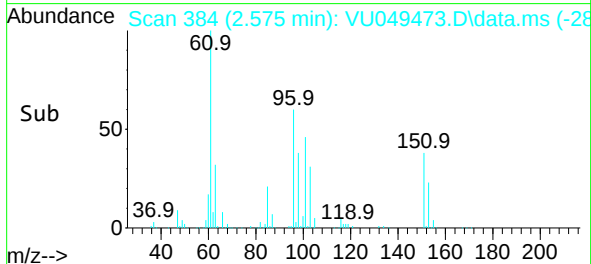
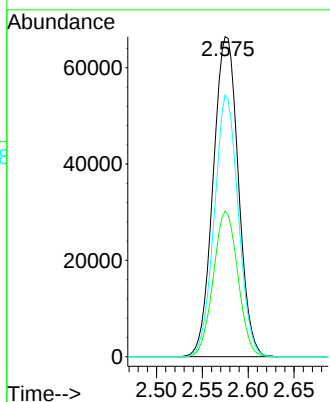
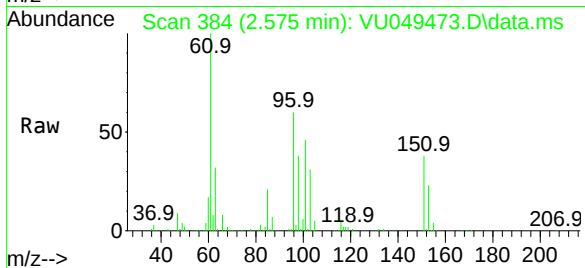




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.951 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

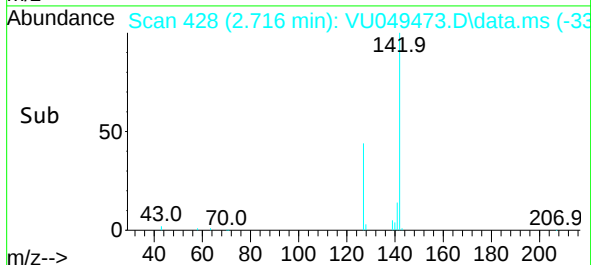
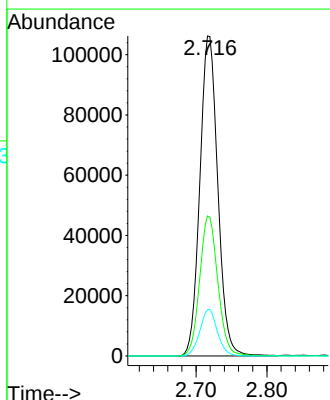
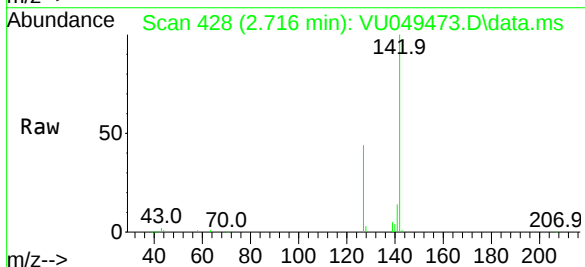
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

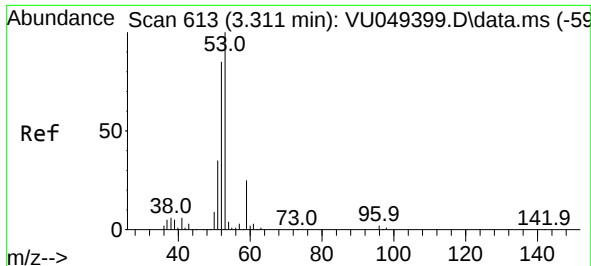
Tgt Ion:101 Resp: 126850
Ion Ratio Lower Upper
101 100
85 44.4 33.9 50.9
151 78.0 64.0 96.0



#10
Methyl Iodide
Concen: 64.718 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:142 Resp: 186696
Ion Ratio Lower Upper
142 100
127 44.3 32.5 48.7
141 14.2 11.4 17.0

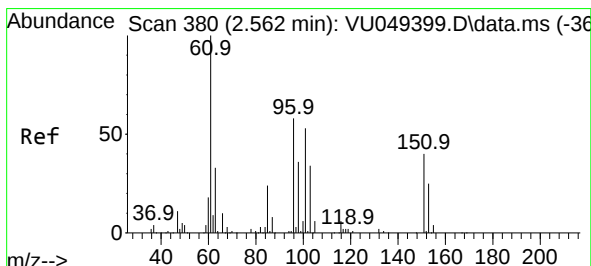
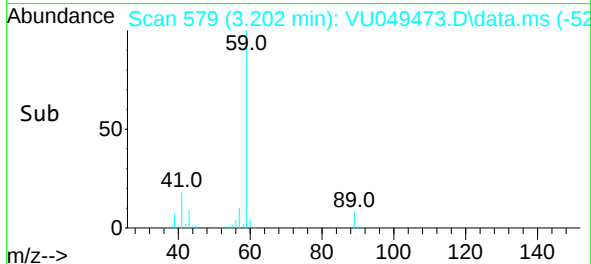
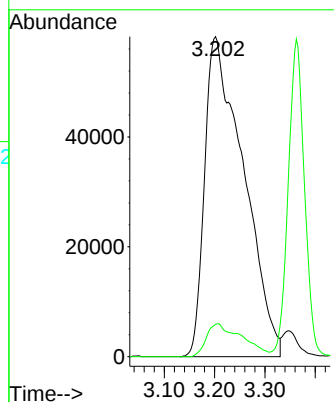
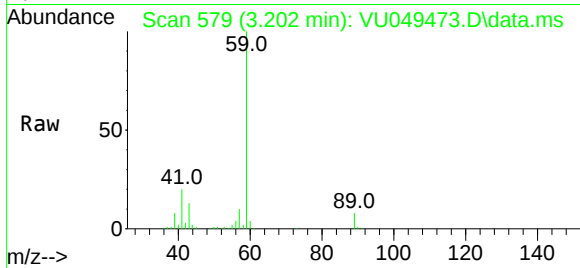




#11
Tert butyl alcohol
Concen: 339.665 ug/l
RT: 3.202 min Scan# 51
Delta R.T. -0.109 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

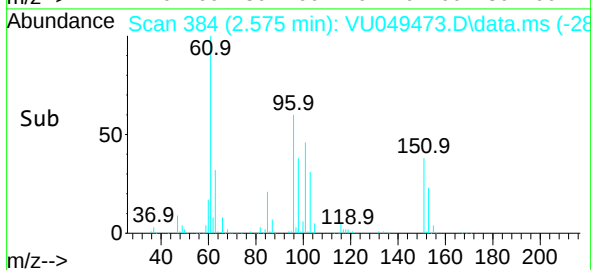
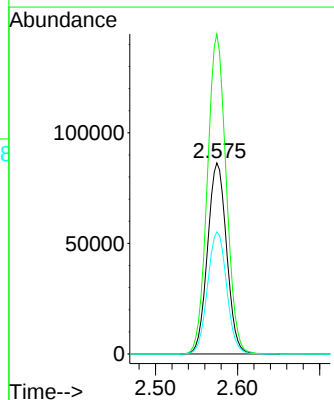
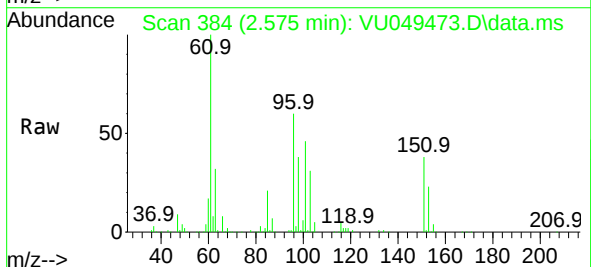
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

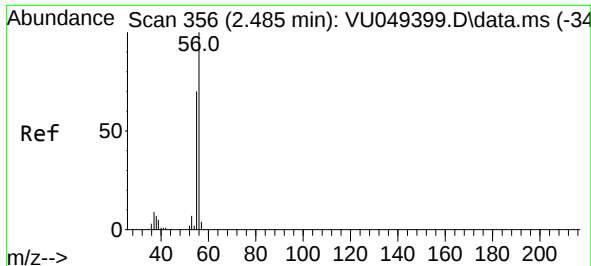
Tgt Ion: 59 Resp: 311460
Ion Ratio Lower Upper
59 100
57 9.5 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 50.476 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 96 Resp: 139461
Ion Ratio Lower Upper
96 100
61 167.4 122.2 183.2
98 63.9 50.7 76.1





#13

Acrolein

Concen: 197.172 ug/l

RT: 2.485 min Scan# 356

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

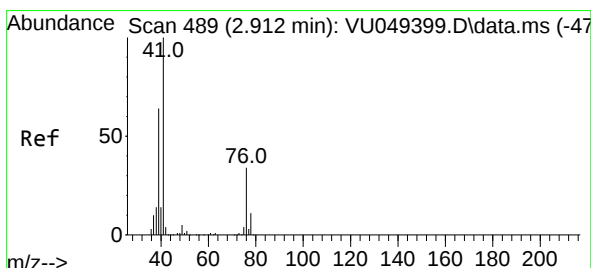
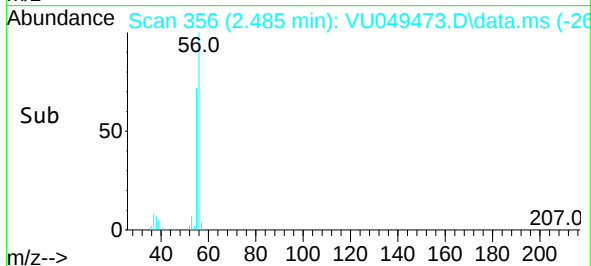
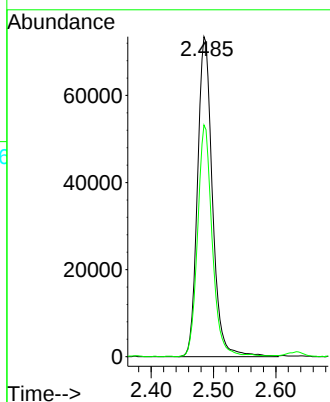
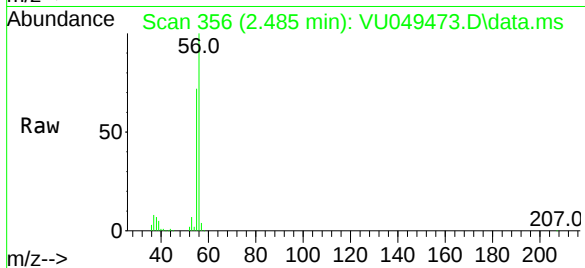
VSTDCCC050EC

Tgt Ion: 56 Resp: 122439

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



#14

Allyl chloride

Concen: 51.667 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.006 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

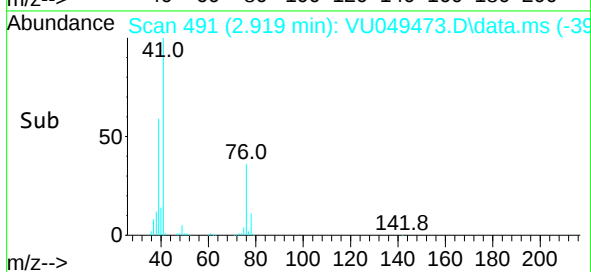
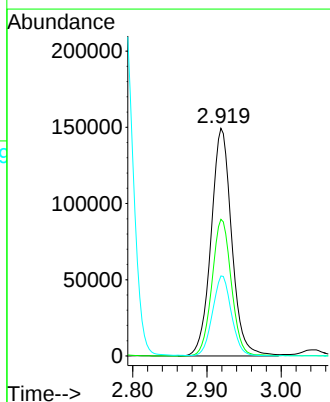
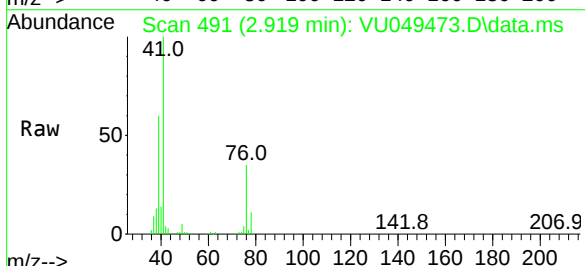
Tgt Ion: 41 Resp: 288504

Ion Ratio Lower Upper

41 100

39 56.4 53.4 80.2

76 32.0 33.8 50.6#

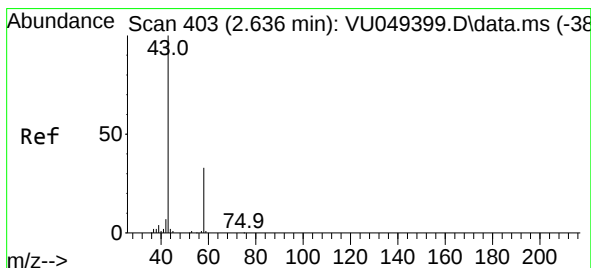
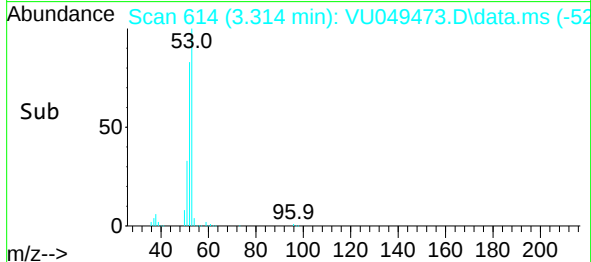
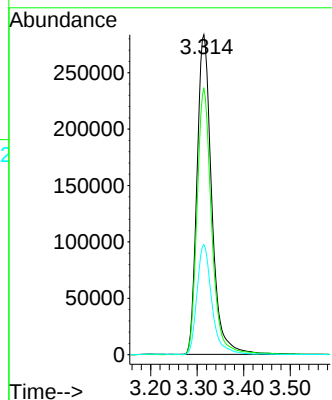
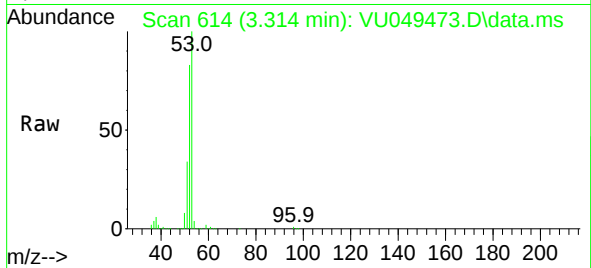




#15
Acrylonitrile
Concen: 282.687 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

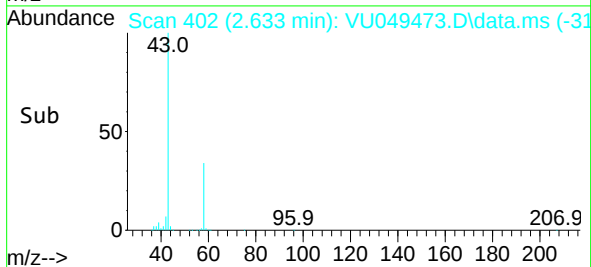
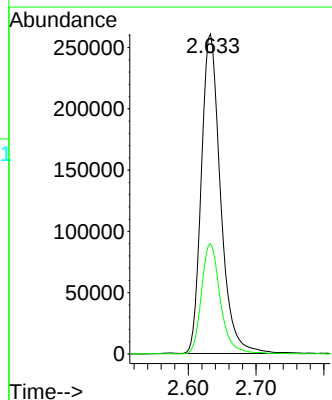
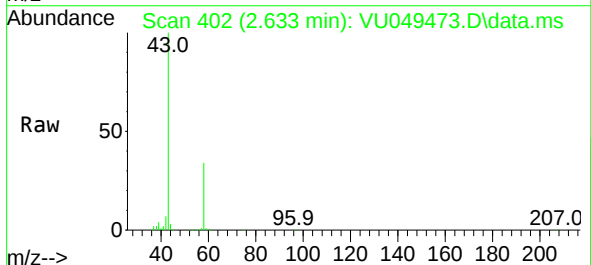
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

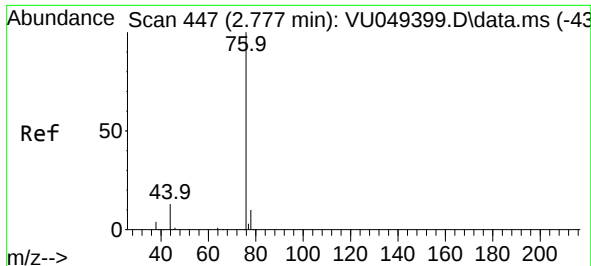
Tgt Ion: 53 Resp: 623424
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 258.965 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 43 Resp: 511622
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3

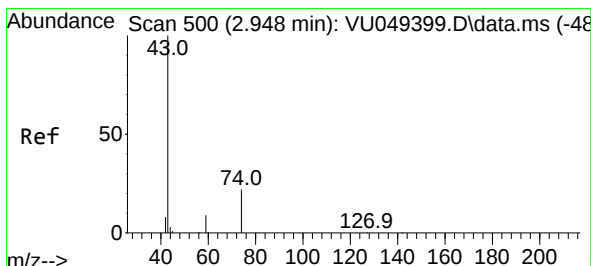
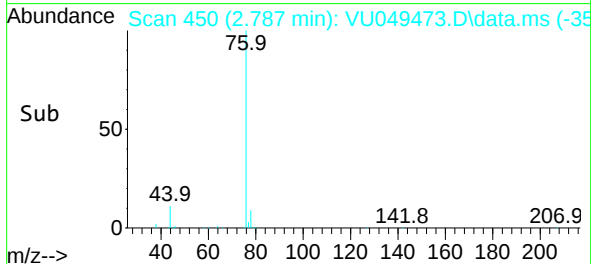
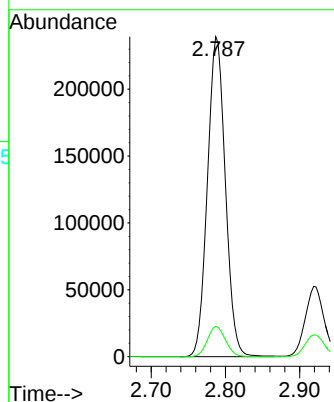
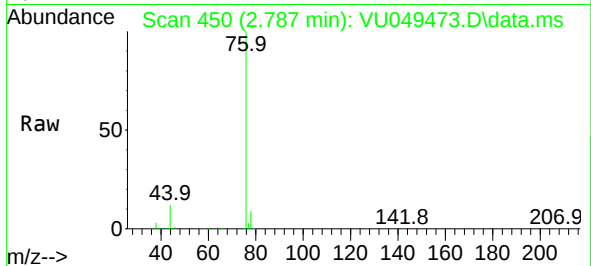




#17
Carbon Disulfide
Concen: 46.428 ug/l
RT: 2.787 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

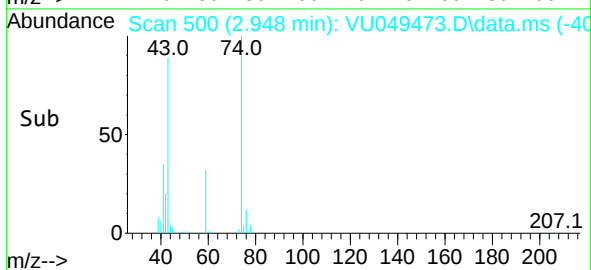
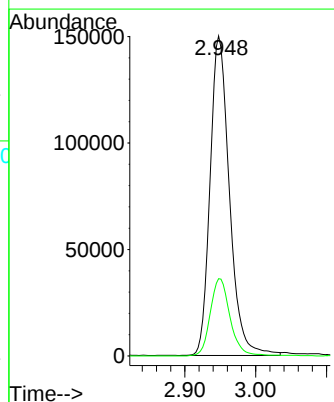
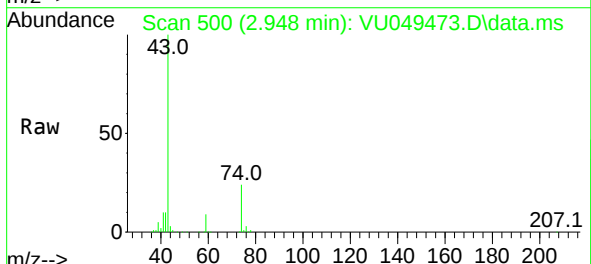
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 400044
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 53.208 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 43 Resp: 284561
Ion Ratio Lower Upper
43 100
74 24.9 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 55.523 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

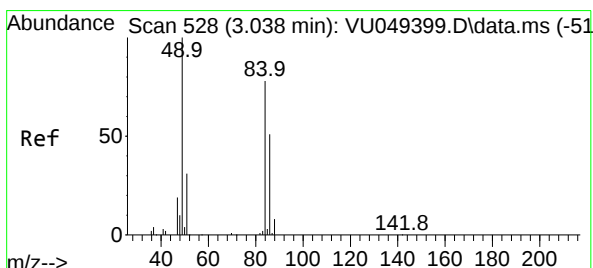
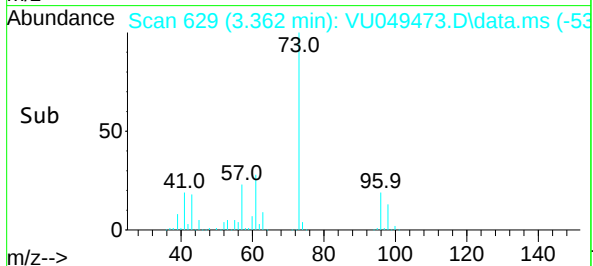
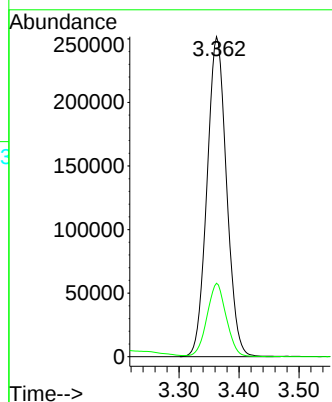
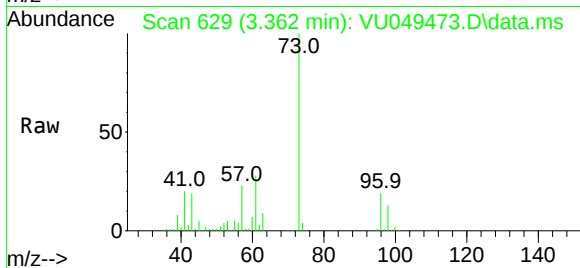
VSTDCCC050EC

Tgt Ion: 73 Resp: 570552

Ion Ratio Lower Upper

73 100

57 22.9 17.1 25.7



#20

Methylene Chloride

Concen: 57.146 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Tgt Ion: 84 Resp: 187589

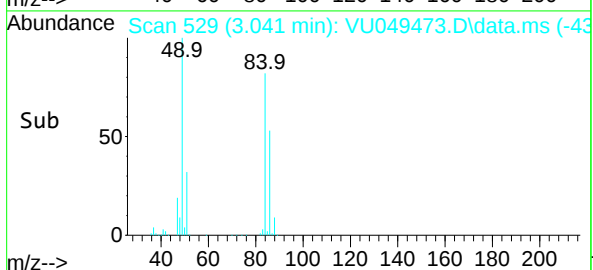
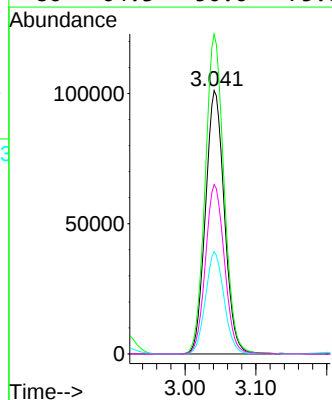
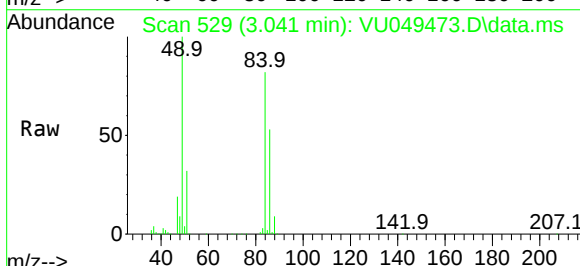
Ion Ratio Lower Upper

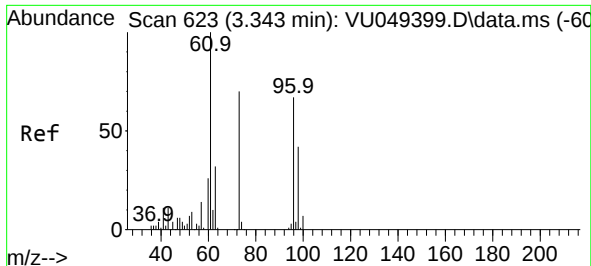
84 100

49 121.5 86.6 129.8

51 38.8 26.6 40.0

86 64.3 50.6 75.8

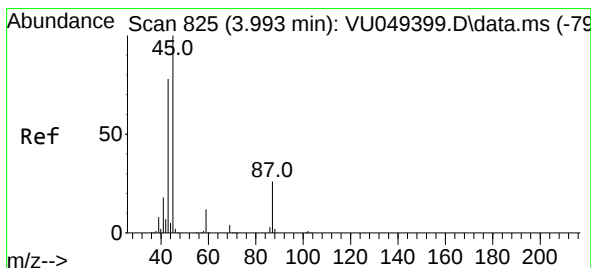
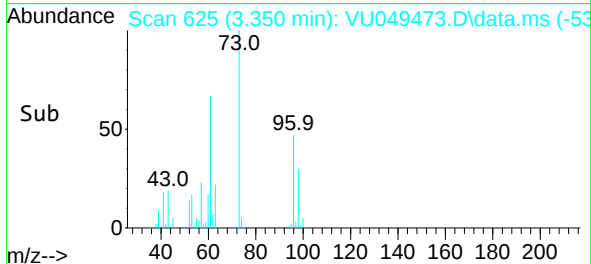
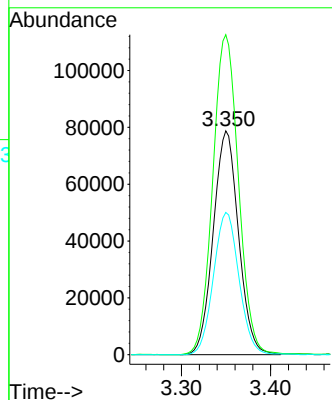
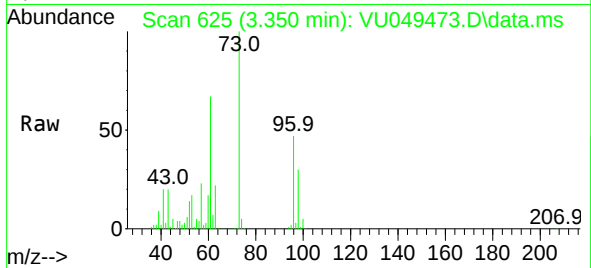




#21
trans-1,2-Dichloroethene
Concen: 52.147 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

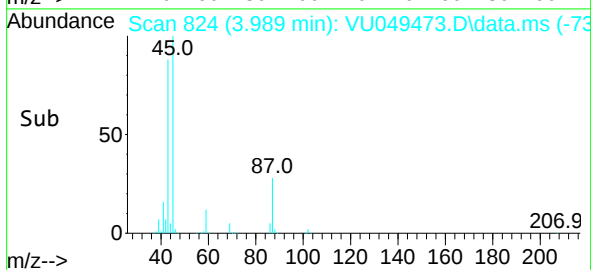
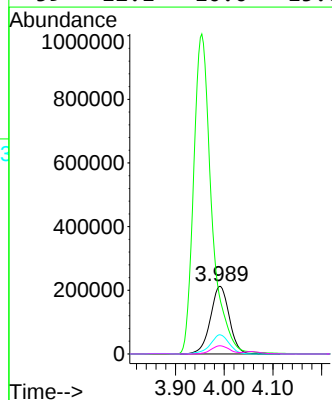
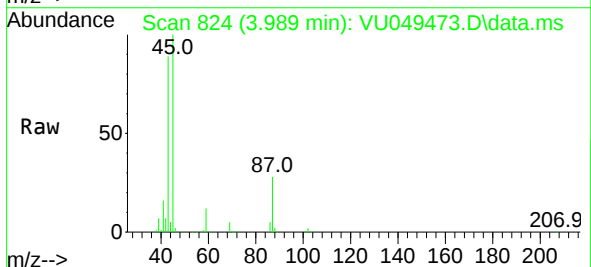
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

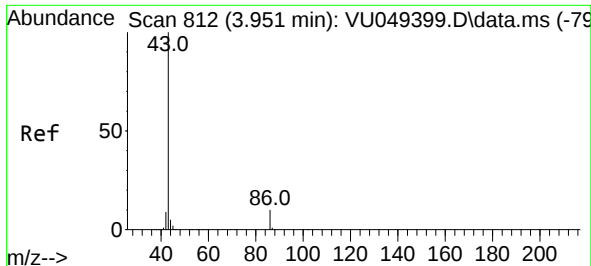
Tgt Ion: 96 Resp: 155316
Ion Ratio Lower Upper
96 100
61 143.0 106.1 159.1
98 63.6 50.8 76.2



#22
Diisopropyl ether
Concen: 53.629 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 45 Resp: 571748
Ion Ratio Lower Upper
45 100
43 87.5 92.9 139.3#
87 28.4 26.2 39.2
59 12.1 10.0 15.0

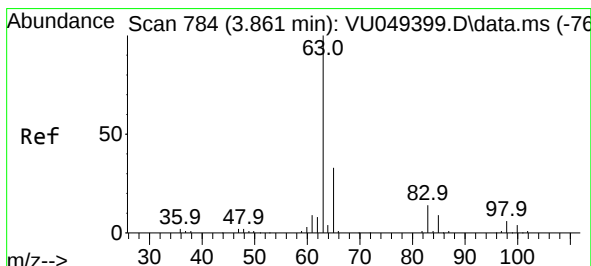
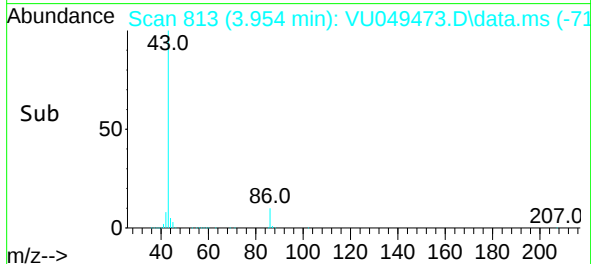
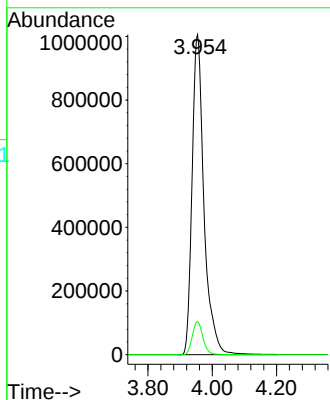
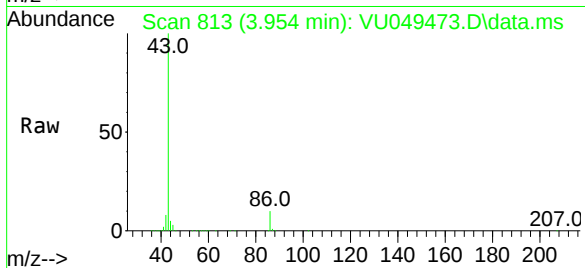




#23
 Vinyl Acetate
 Concen: 276.870 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

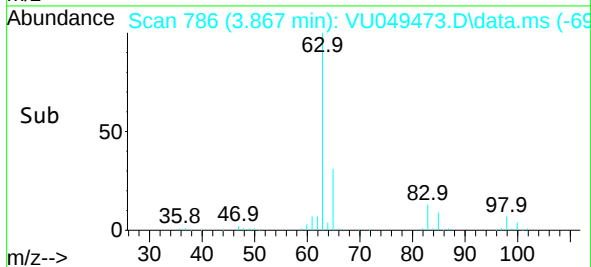
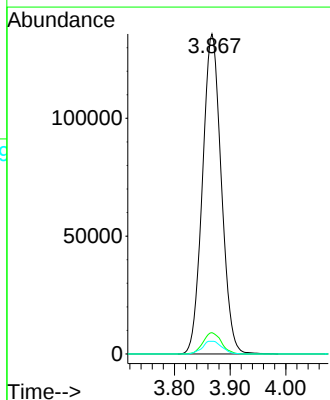
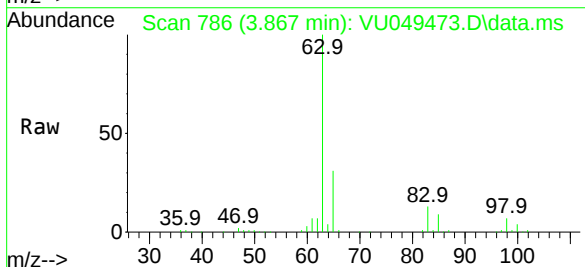
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

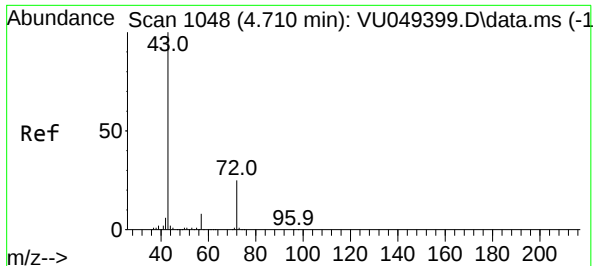
Tgt Ion: 43 Resp: 2587199
 Ion Ratio Lower Upper
 43 100
 86 10.4 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 52.048 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

Tgt Ion: 63 Resp: 318736
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 284.158 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

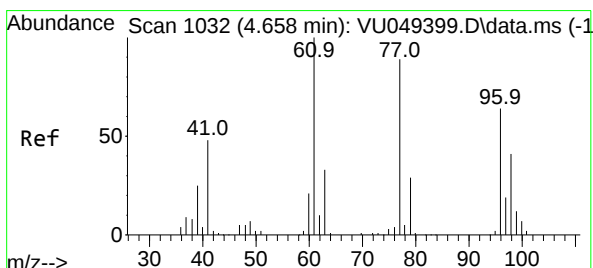
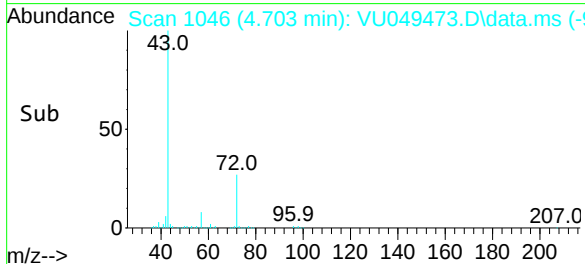
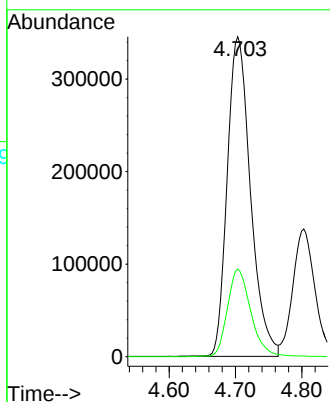
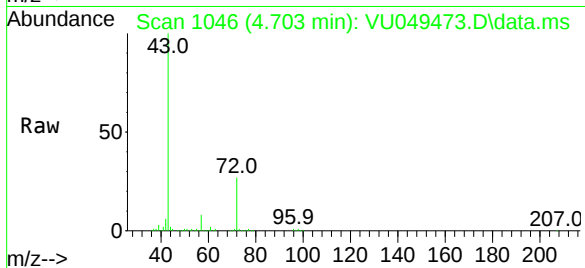
VSTDCCC050EC

Tgt Ion: 43 Resp: 841332

Ion Ratio Lower Upper

43 100

72 27.4 23.8 35.6



#26

2,2-Dichloropropane

Concen: 36.470 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU049473.D

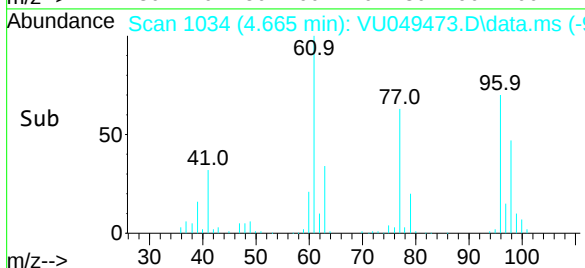
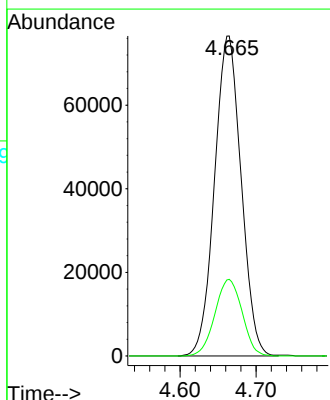
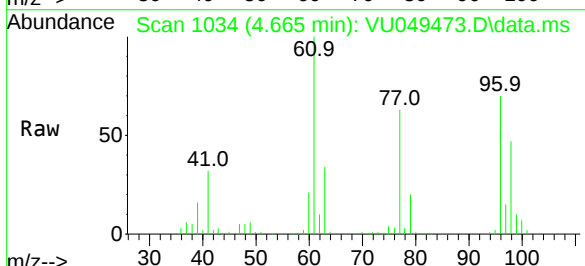
Acq: 28 Jun 2022 21:04

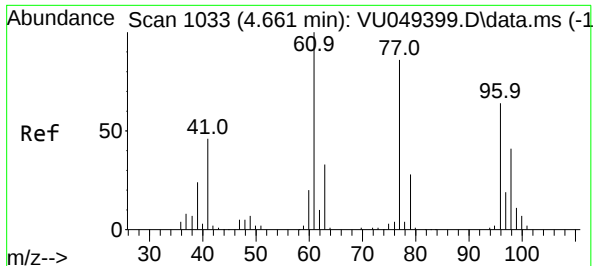
Tgt Ion: 77 Resp: 185883

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8

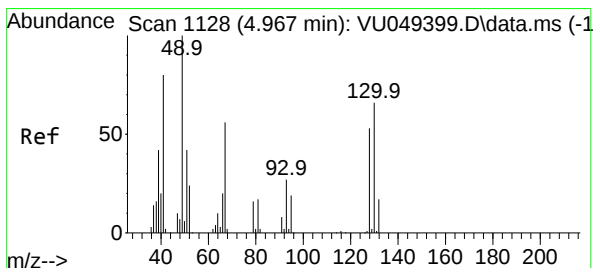
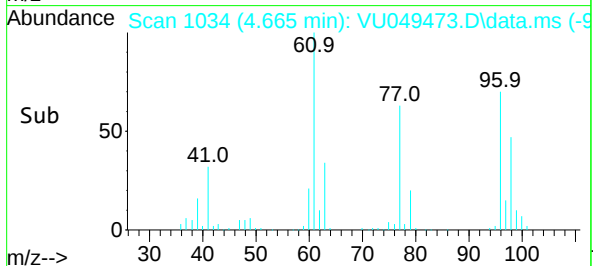
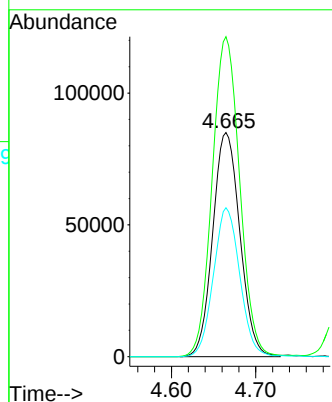
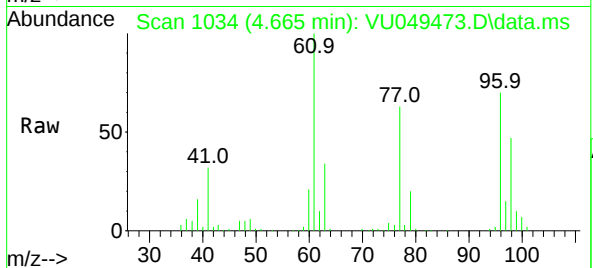




#27
 cis-1,2-Dichloroethene
 Concen: 55.296 ug/l
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

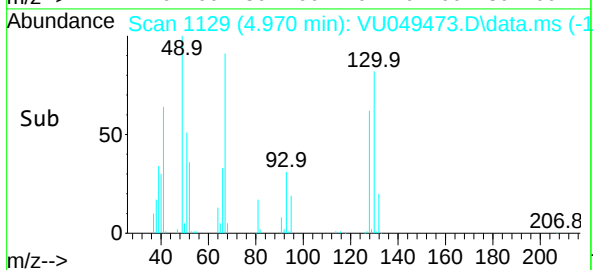
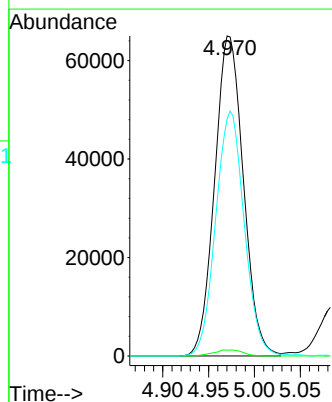
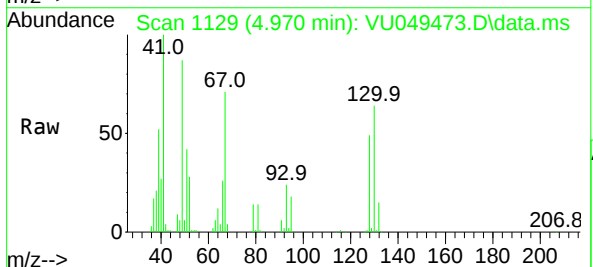
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

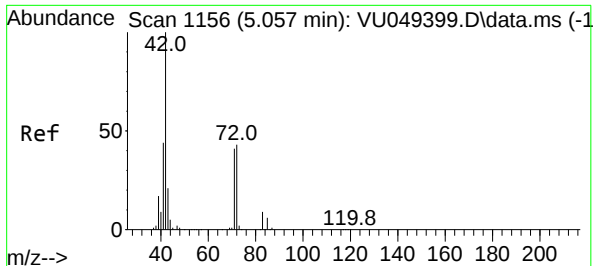
Tgt Ion: 96 Resp: 190286
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 271.6
 98 64.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 52.880 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.003 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

Tgt Ion: 49 Resp: 141550
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 76.1 76.9 115.3#





#29

Tetrahydrofuran

Concen: 275.595 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

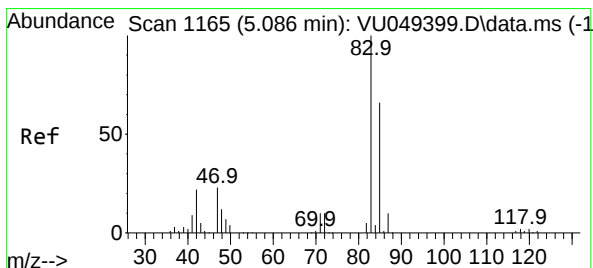
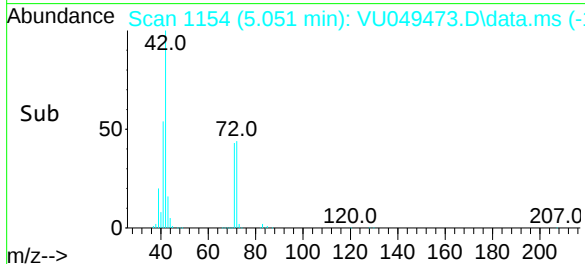
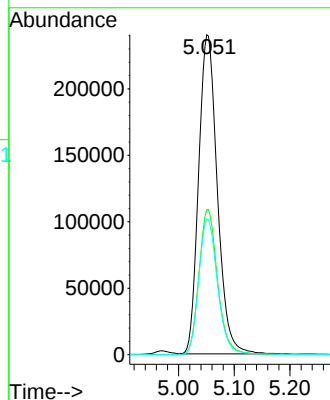
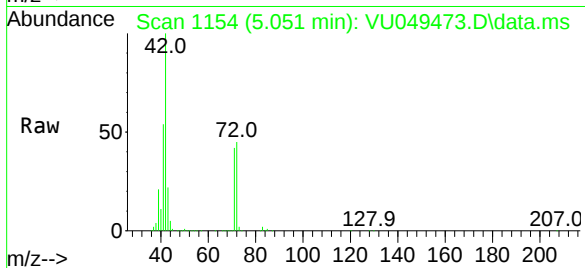
Tgt Ion: 42 Resp: 559770

Ion Ratio Lower Upper

42 100

72 45.5 42.6 63.8

71 42.7 40.3 60.5



#30

Chloroform

Concen: 51.554 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049473.D

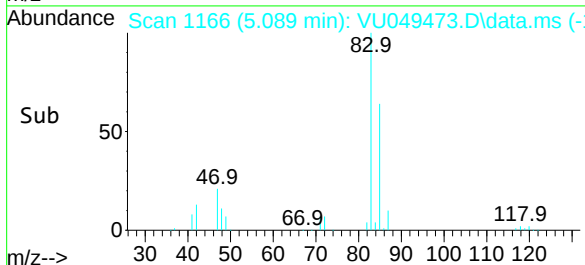
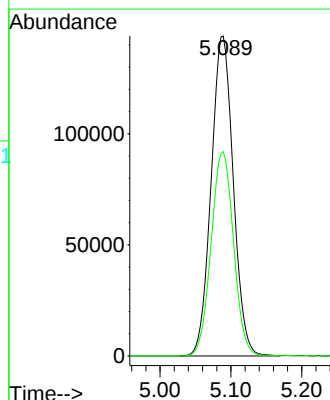
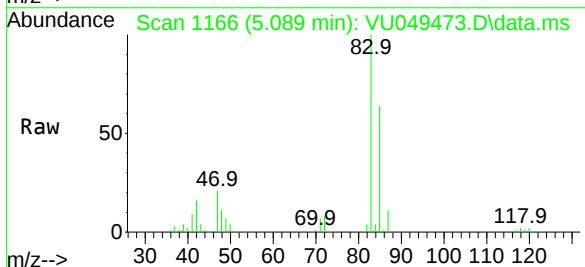
Acq: 28 Jun 2022 21:04

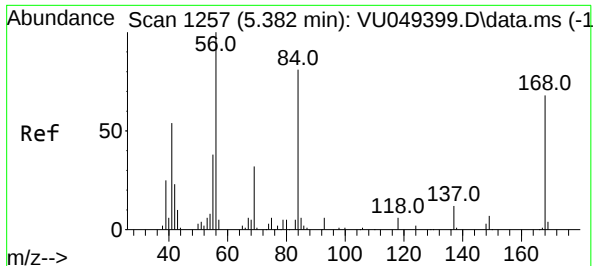
Tgt Ion: 83 Resp: 312300

Ion Ratio Lower Upper

83 100

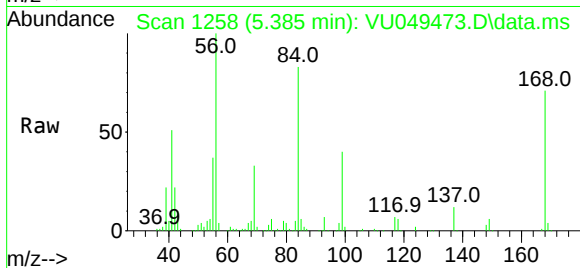
85 63.9 51.2 76.8



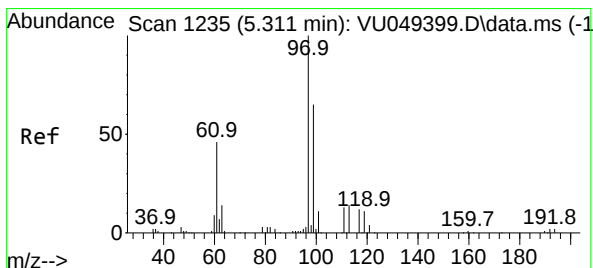
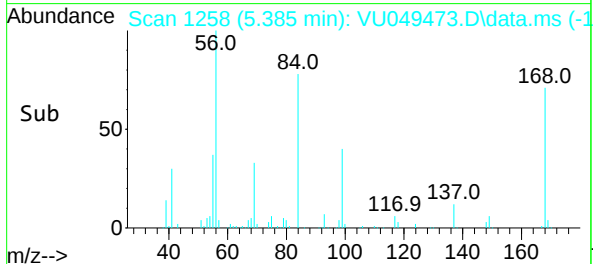
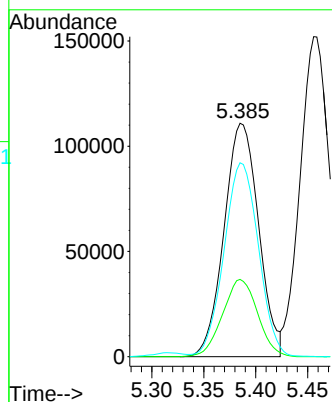


#31
Cyclohexane
Concen: 43.671 ug/l
RT: 5.385 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

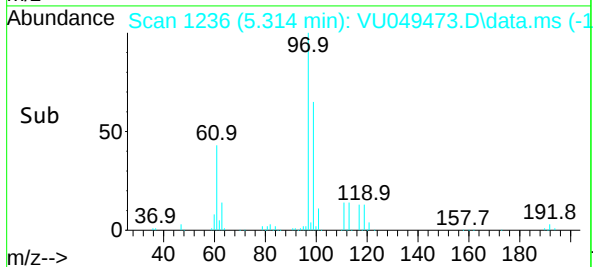
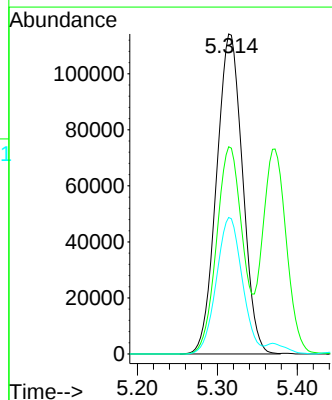
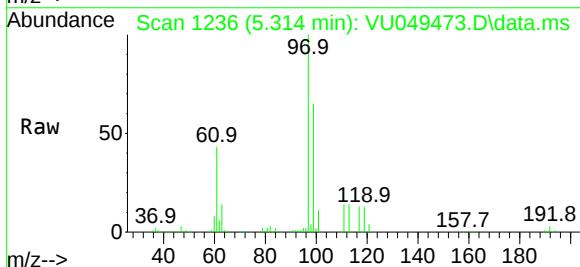


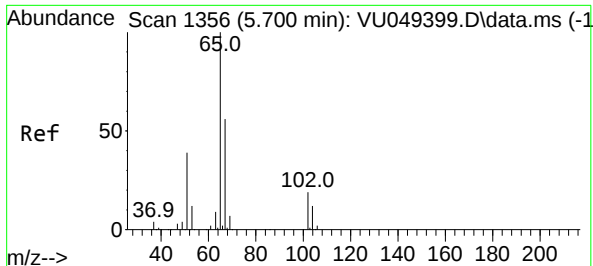
Tgt Ion: 56 Resp: 256893
Ion Ratio Lower Upper
56 100
69 33.1 27.8 41.8
84 81.8 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 49.103 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 97 Resp: 258087
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.364 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

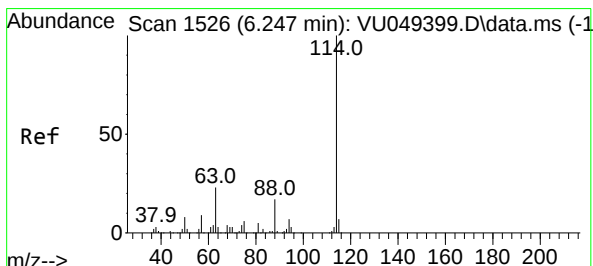
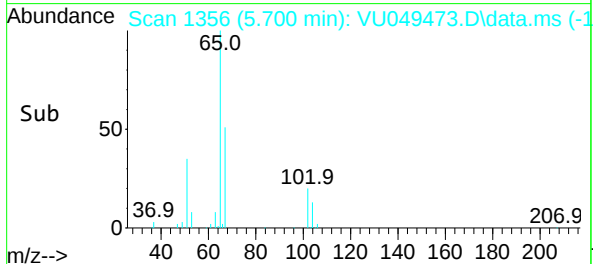
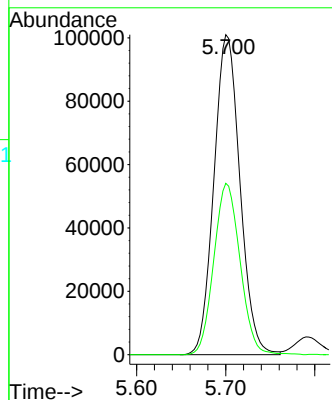
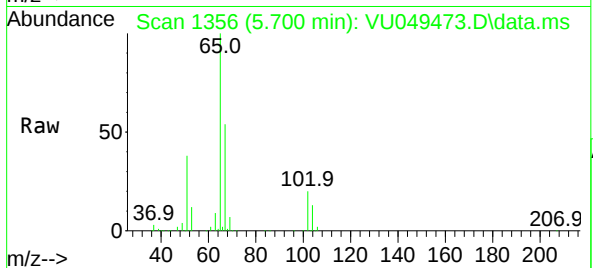
VSTDCCC050EC

Tgt Ion: 65 Resp: 205144

Ion Ratio Lower Upper

65 100

67 54.0 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: VU049473.D

Acq: 28 Jun 2022 21:04

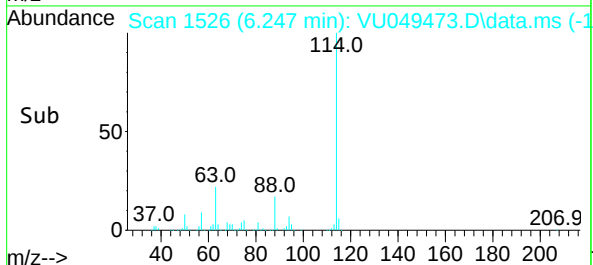
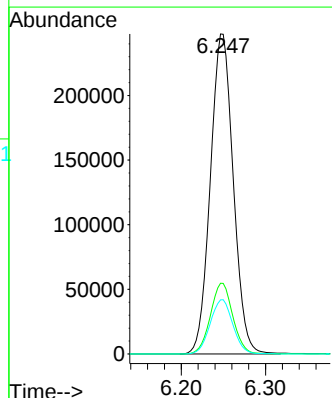
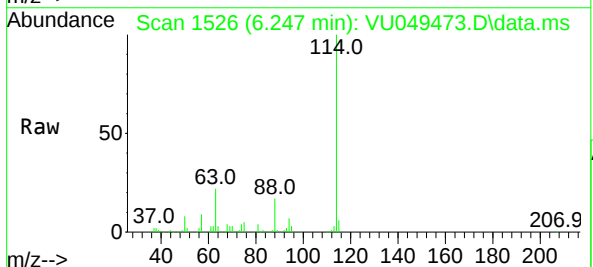
Tgt Ion: 114 Resp: 467244

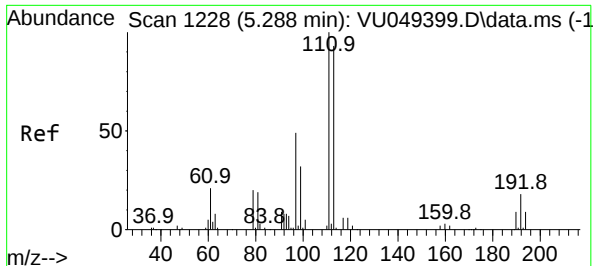
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.9 0.0 29.2

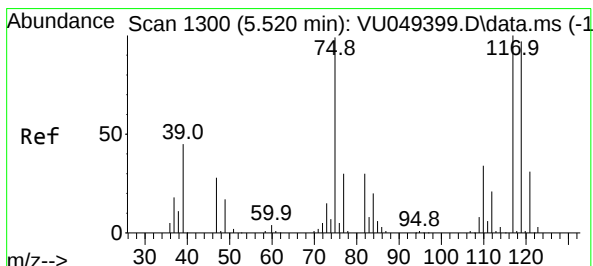
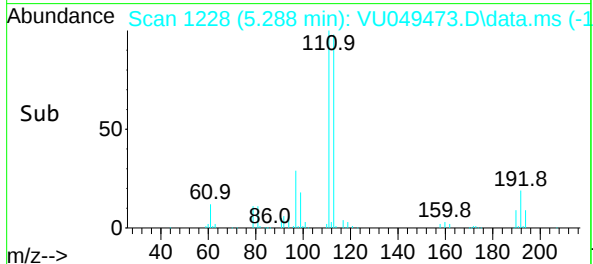
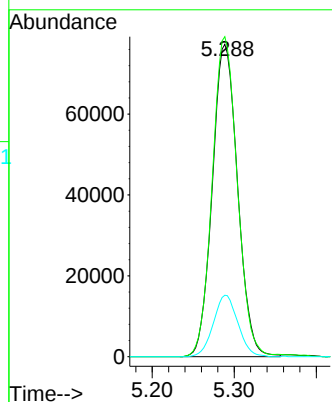
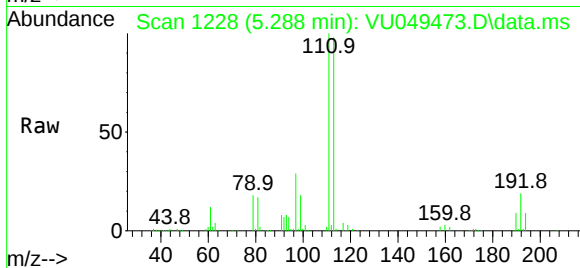




#35
Dibromofluoromethane
Concen: 50.681 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

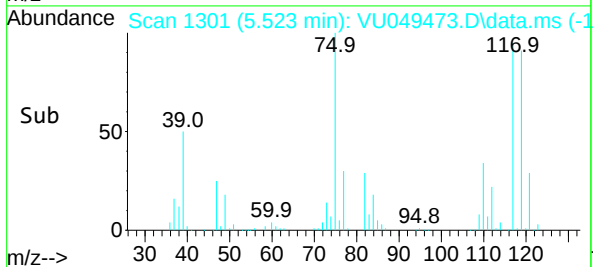
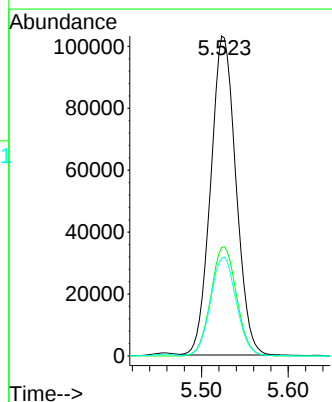
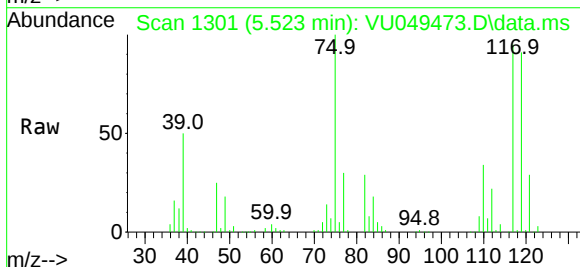
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

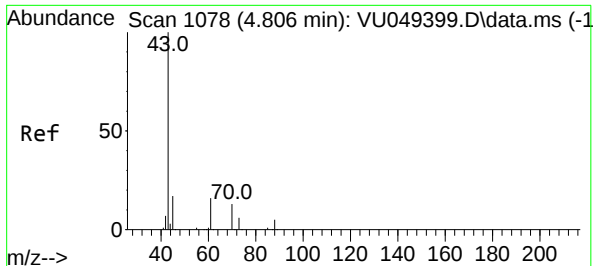
Tgt Ion:113 Resp: 165675
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 19.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 44.009 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 75 Resp: 208600
Ion Ratio Lower Upper
75 100
110 34.9 18.4 55.2
77 31.1 25.1 37.7

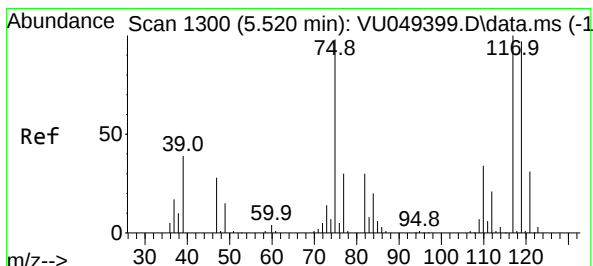
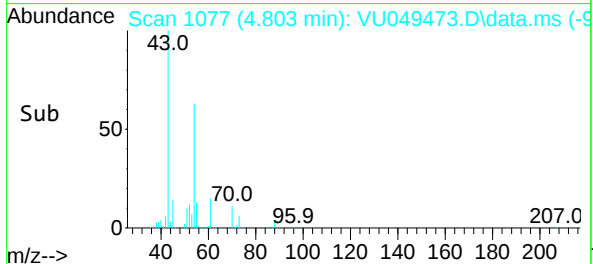
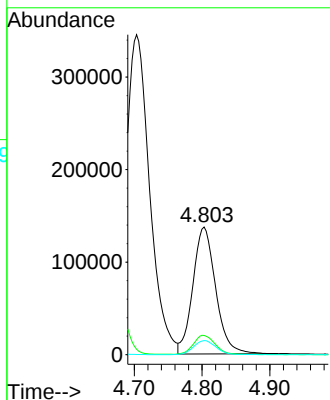
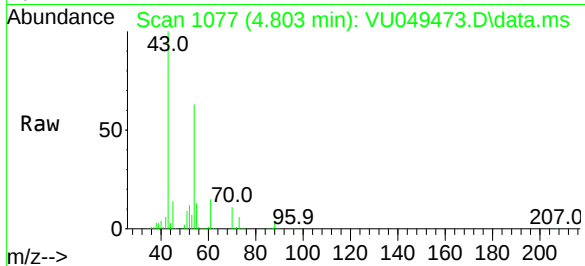




#37
Ethyl Acetate
Concen: 49.326 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

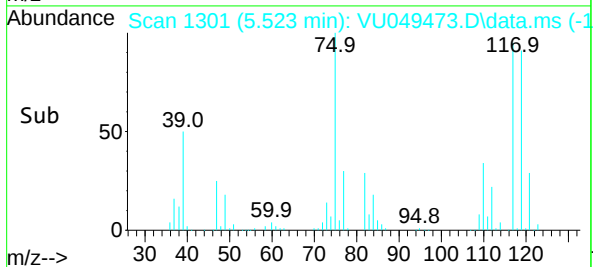
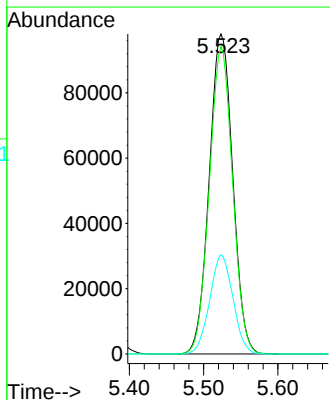
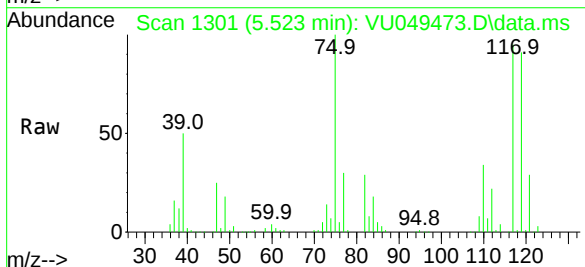
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

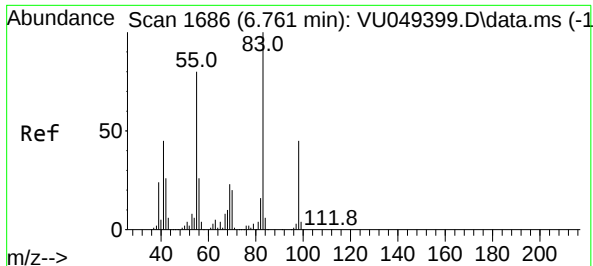
Tgt Ion: 43 Resp: 319484
Ion Ratio Lower Upper
43 100
61 14.3 9.5 14.3#
70 11.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 43.456 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 117 Resp: 216018
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 41.691 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

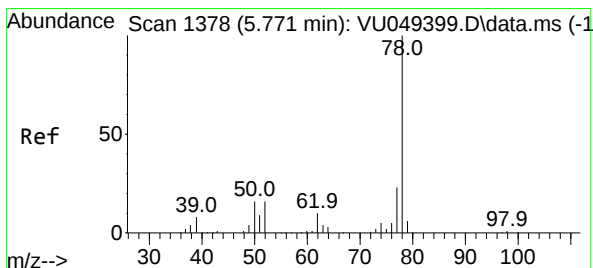
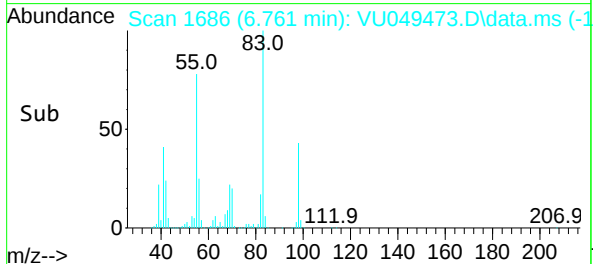
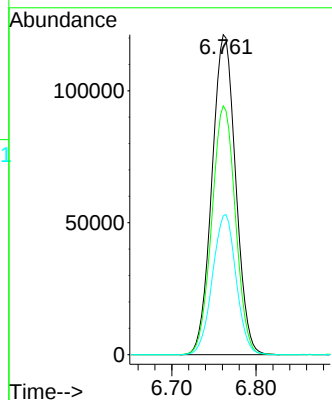
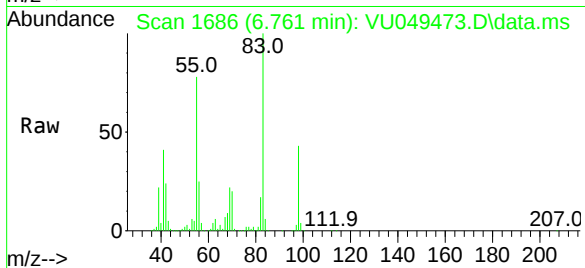
Tgt Ion: 83 Resp: 236869

Ion Ratio Lower Upper

83 100

55 77.8 55.3 82.9

98 43.4 37.3 55.9



#40

Benzene

Concen: 48.526 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU049473.D

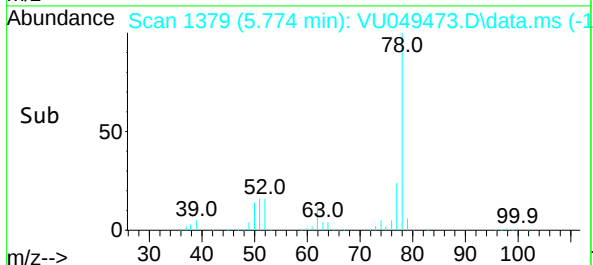
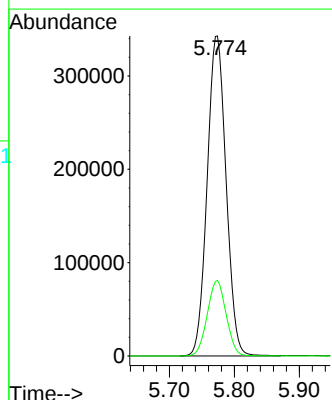
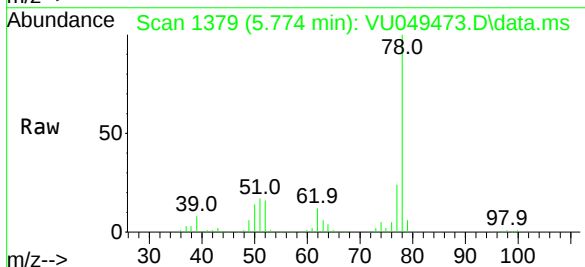
Acq: 28 Jun 2022 21:04

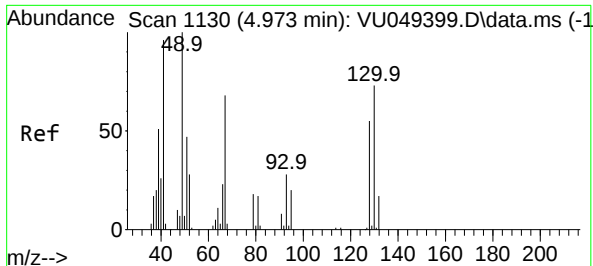
Tgt Ion: 78 Resp: 694431

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

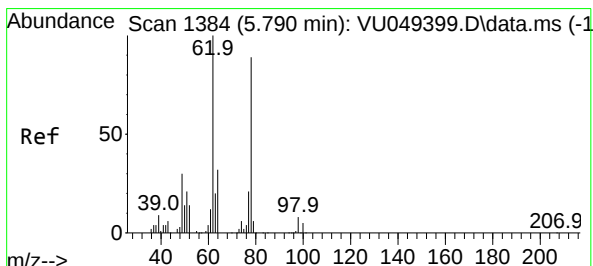
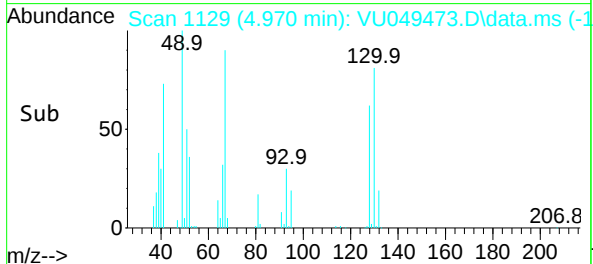
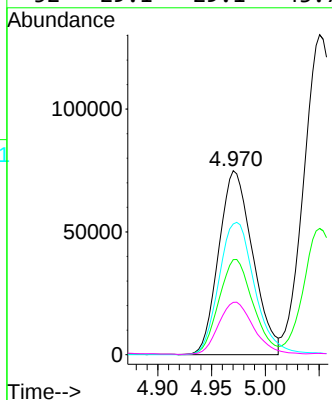
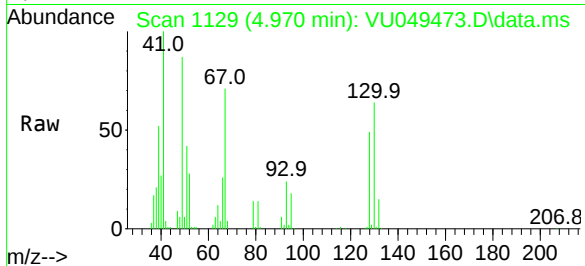




#41
Methacrylonitrile
Concen: 50.735 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

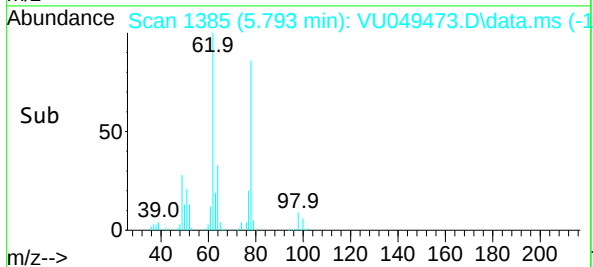
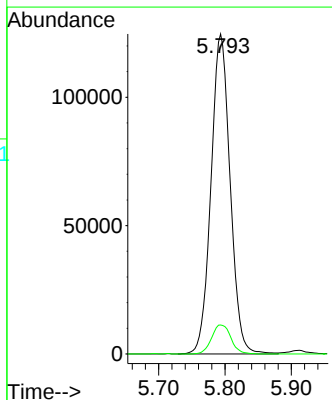
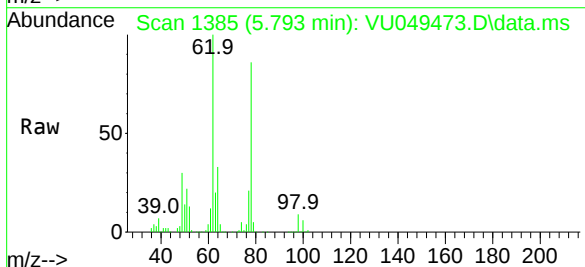
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

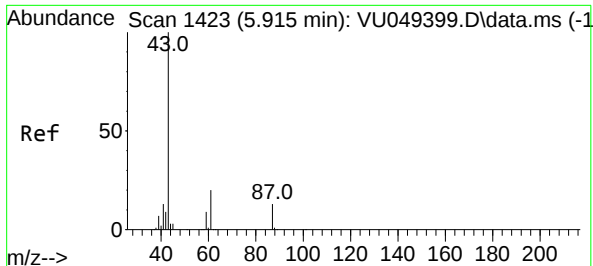
Tgt Ion: 41 Resp: 164660
Ion Ratio Lower Upper
41 100
39 51.8 43.1 64.7
67 76.3 72.3 108.5
52 29.1 29.1 43.7



#42
1,2-Dichloroethane
Concen: 46.914 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 62 Resp: 249869
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6

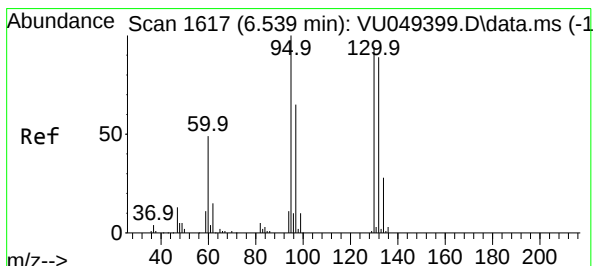
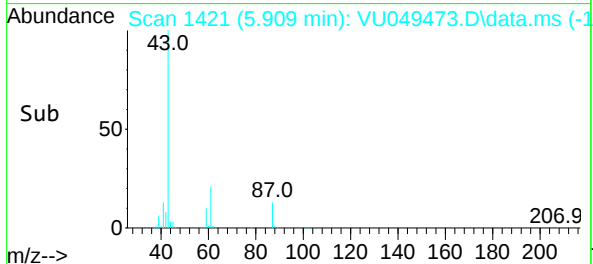
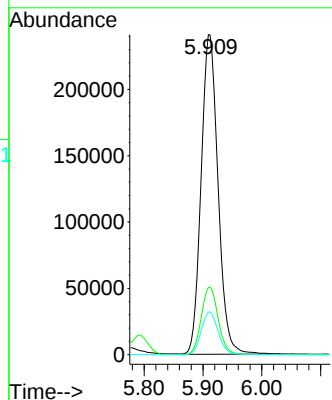
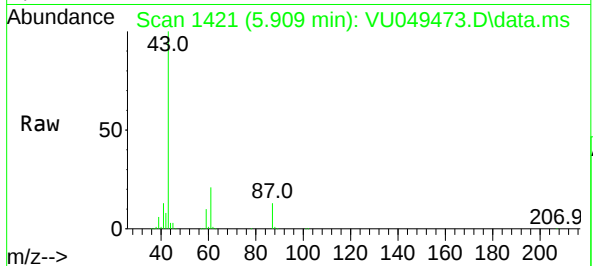




#43
Isopropyl Acetate
Concen: 50.649 ug/l
RT: 5.909 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

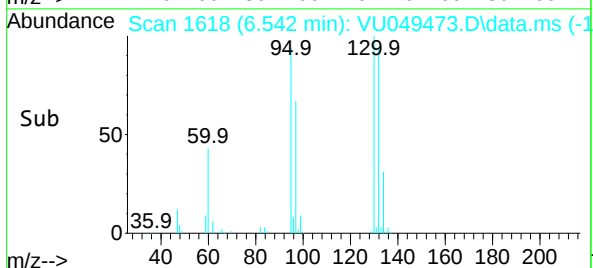
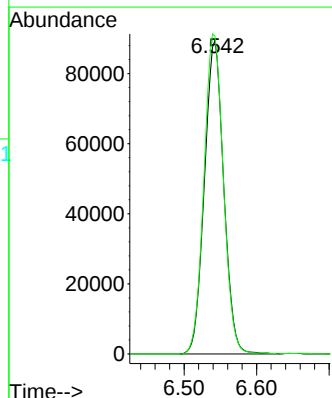
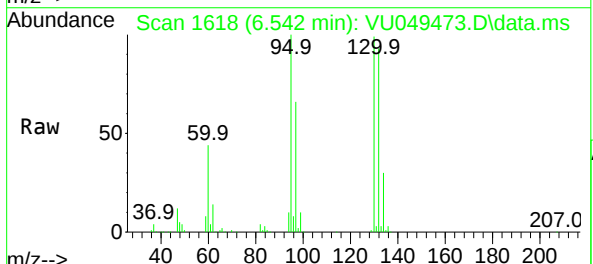
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

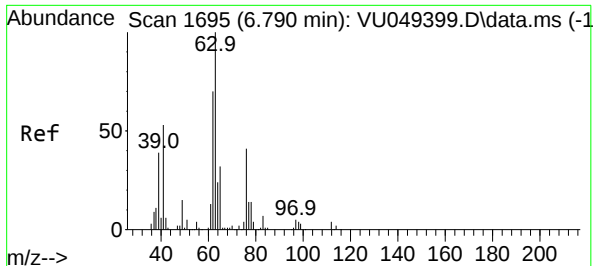
Tgt Ion: 43 Resp: 480691
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0
87 13.4 12.6 18.8



#44
Trichloroethene
Concen: 48.556 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:130 Resp: 165184
Ion Ratio Lower Upper
130 100
95 101.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.458 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

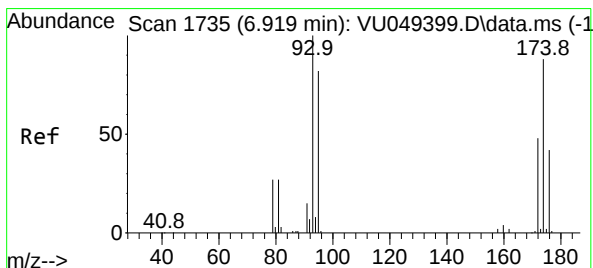
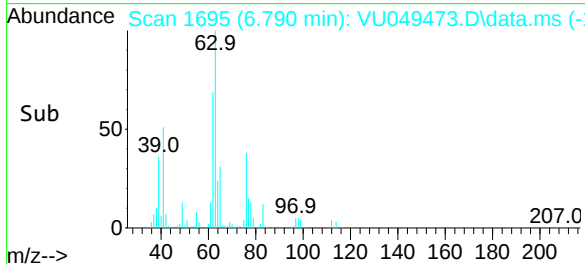
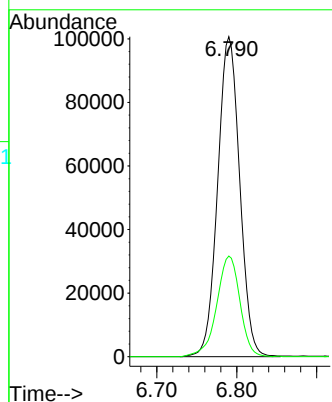
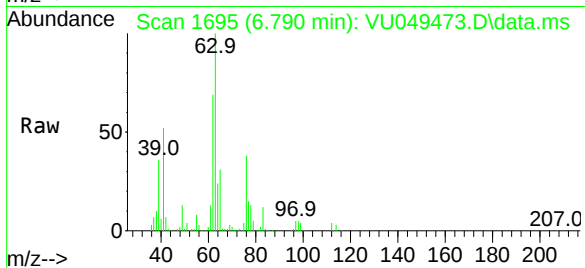
VSTDCCC050EC

Tgt Ion: 63 Resp: 192151

Ion Ratio Lower Upper

63 100

65 31.5 25.0 37.4



#46

Dibromomethane

Concen: 49.752 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

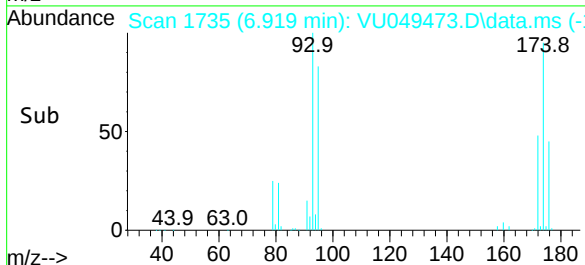
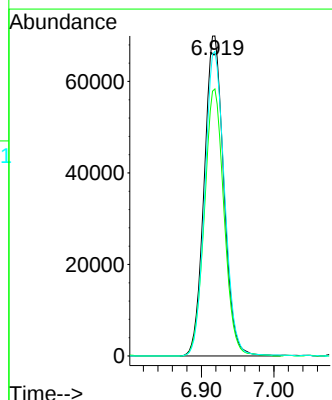
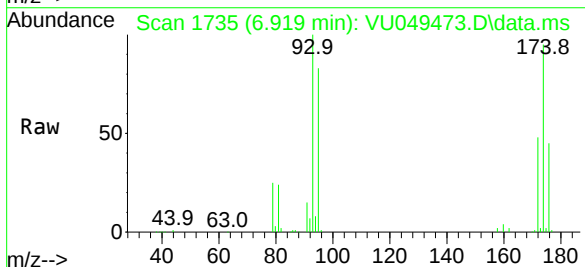
Tgt Ion: 93 Resp: 131532

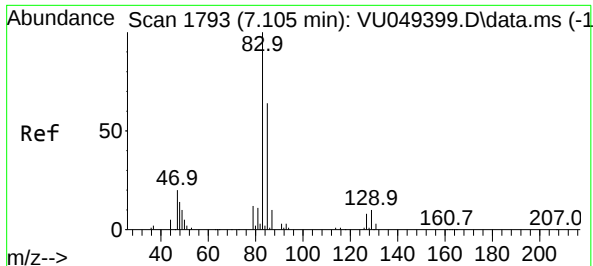
Ion Ratio Lower Upper

93 100

95 83.2 66.3 99.5

174 95.2 88.2 132.4

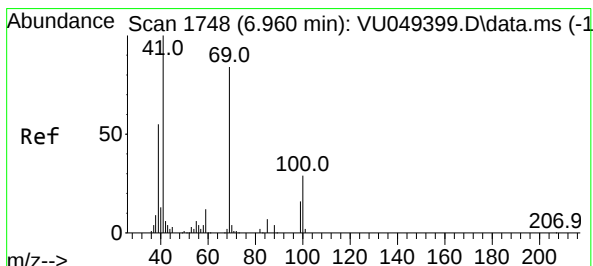
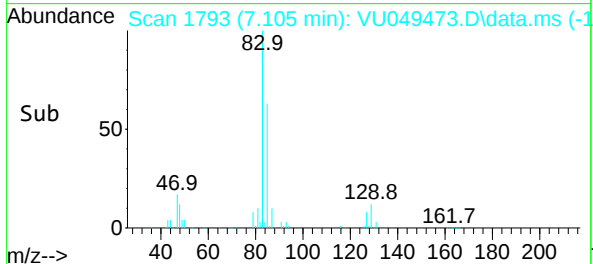
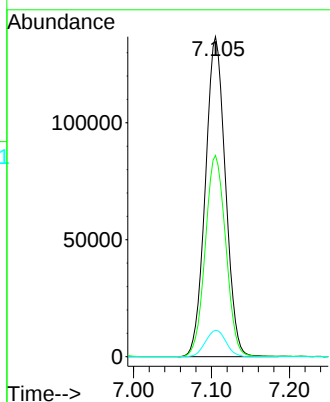
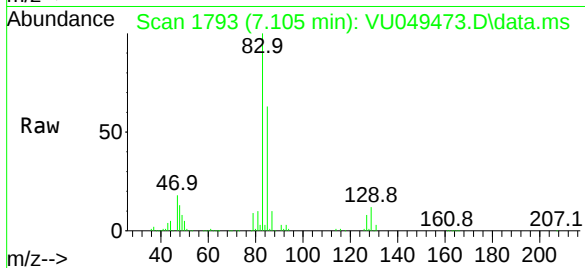




#47
Bromodichloromethane
Concen: 48.105 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

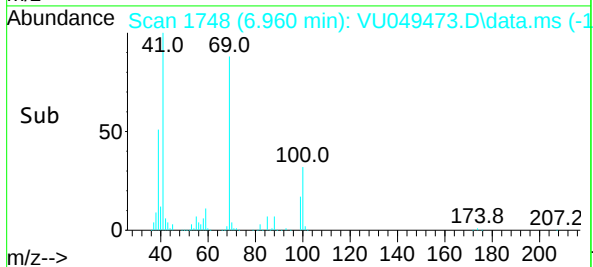
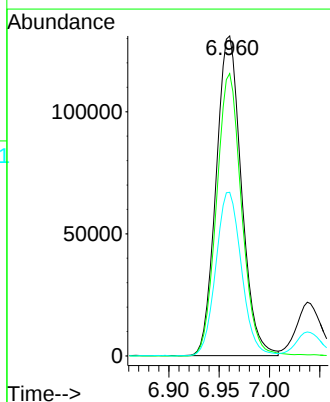
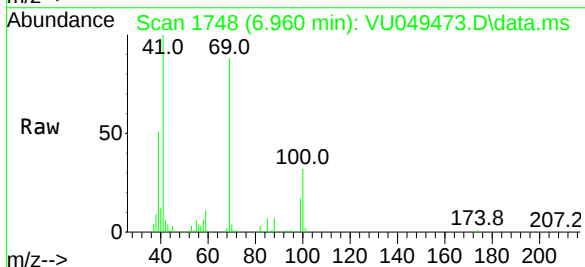
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

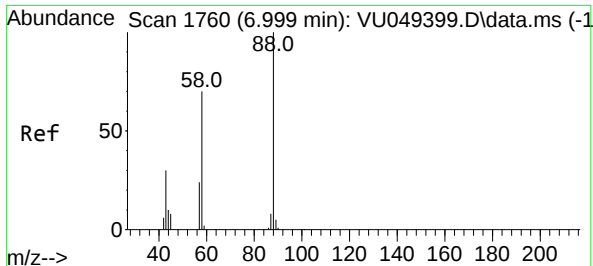
Tgt Ion: 83 Resp: 244780
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 51.663 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 41 Resp: 229780
Ion Ratio Lower Upper
41 100
69 87.5 79.8 119.6
39 51.8 47.9 71.9





#49

1,4-Dioxane

Concen: 1127.260 ug/l

RT: 6.993 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

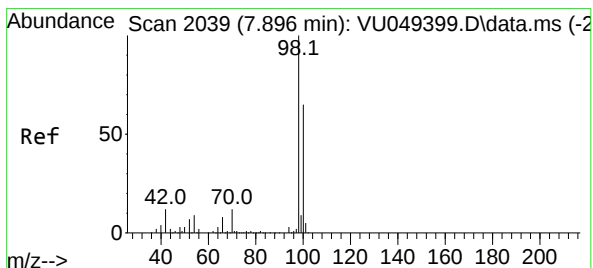
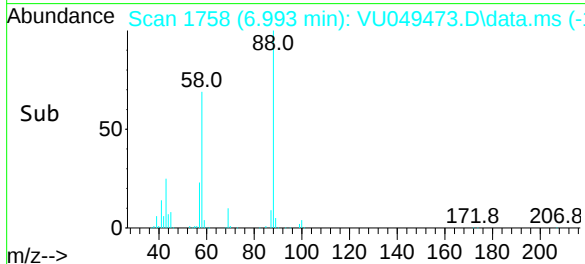
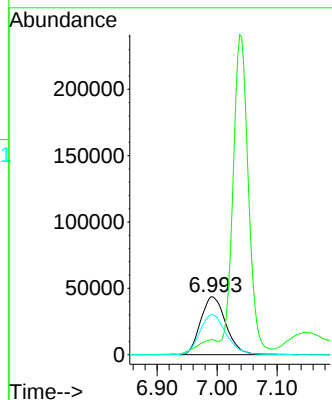
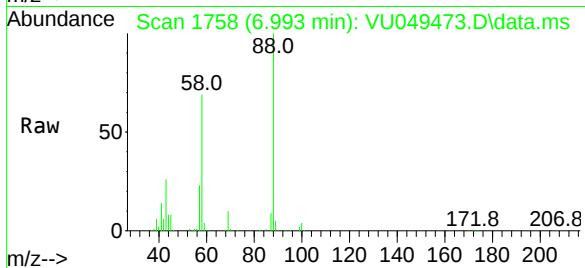
Tgt Ion: 88 Resp: 128448

Ion Ratio Lower Upper

88 100

43 21.6 0.0 0.0#

58 72.0 15.4 23.0#



#50

Toluene-d8

Concen: 50.444 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049473.D

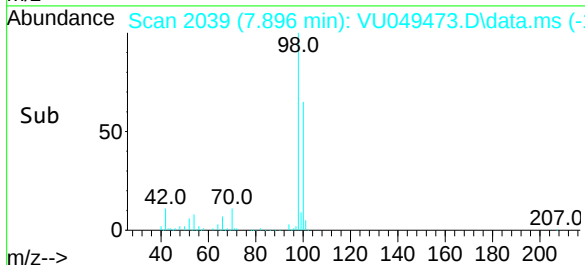
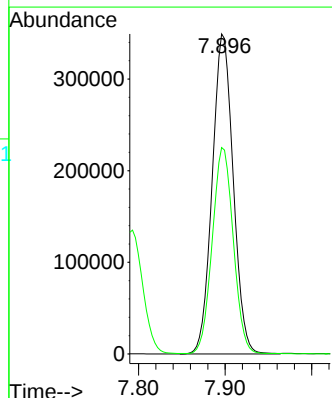
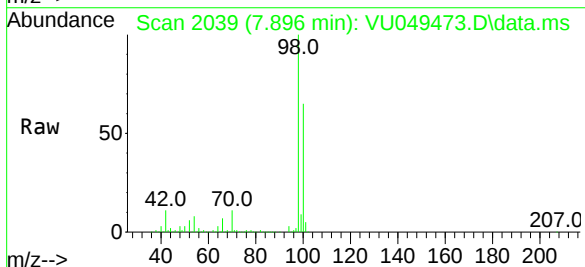
Acq: 28 Jun 2022 21:04

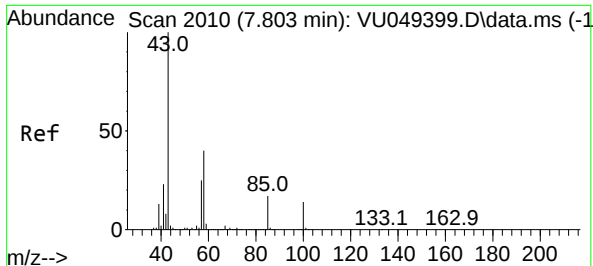
Tgt Ion: 98 Resp: 588156

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 248.929 ug/l

RT: 7.793 min Scan# 2010

Delta R.T. -0.010 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

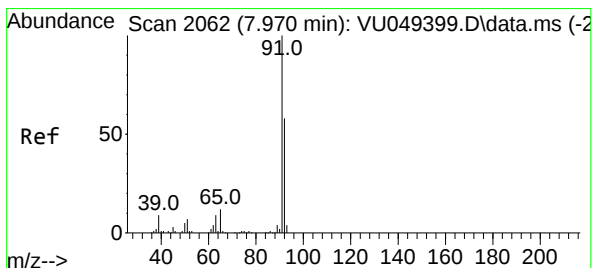
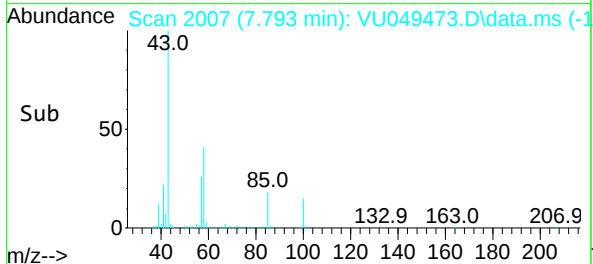
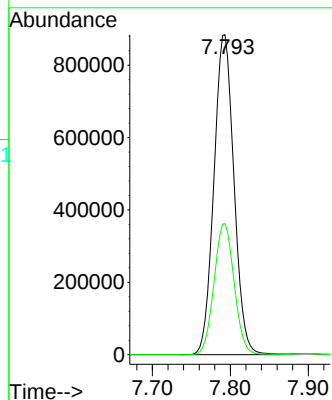
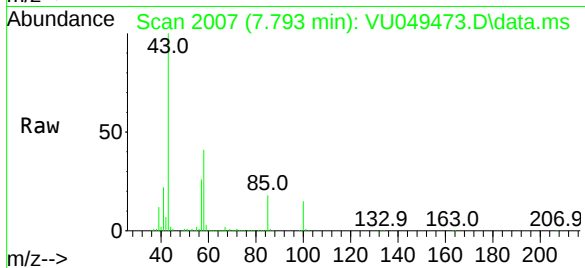
VSTDCCC050EC

Tgt Ion: 43 Resp: 1581100

Ion Ratio Lower Upper

43 100

58 41.2 34.7 52.1



#52

Toluene

Concen: 49.008 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049473.D

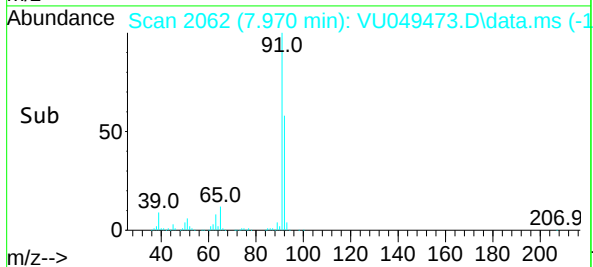
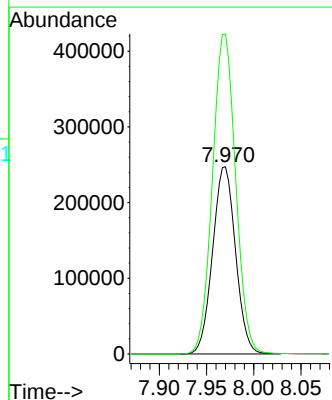
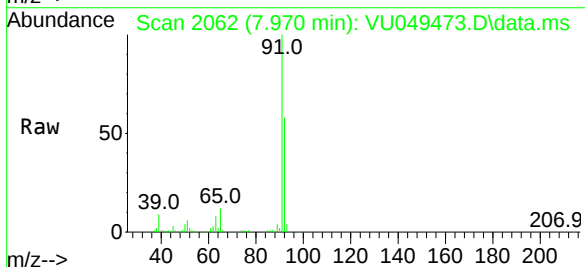
Acq: 28 Jun 2022 21:04

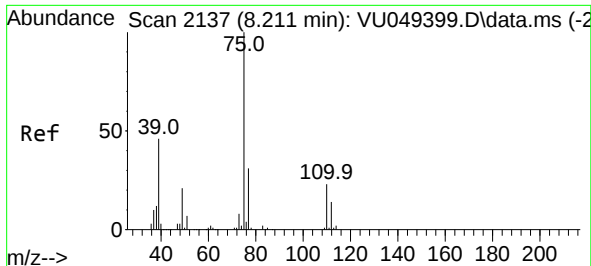
Tgt Ion: 92 Resp: 416843

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.4

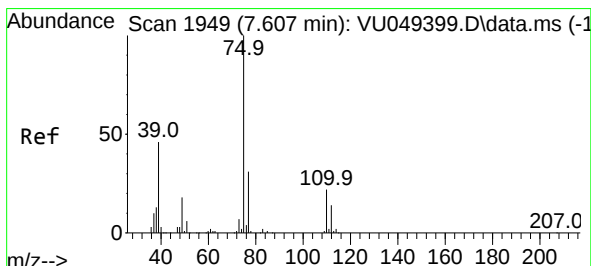
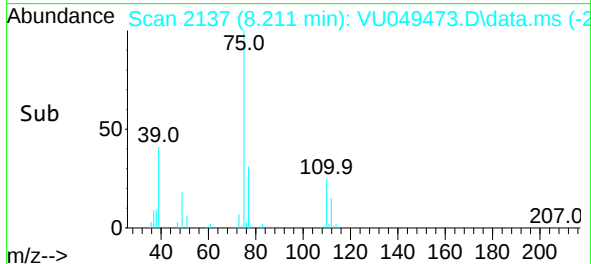
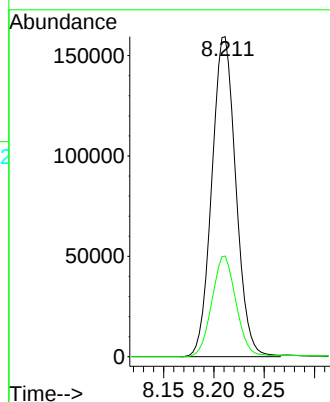
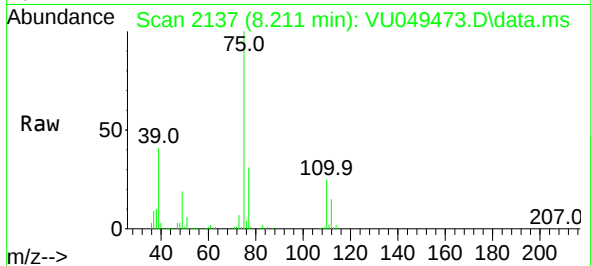




#53
 t-1,3-Dichloropropene
 Concen: 48.507 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

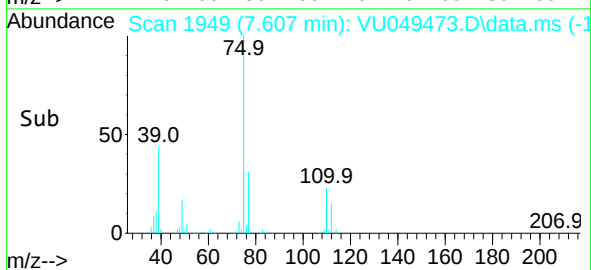
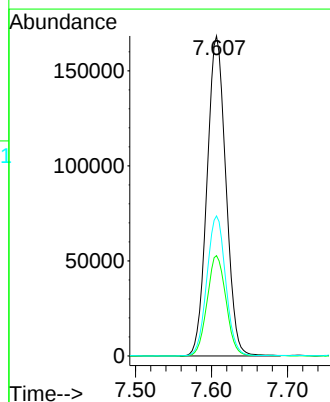
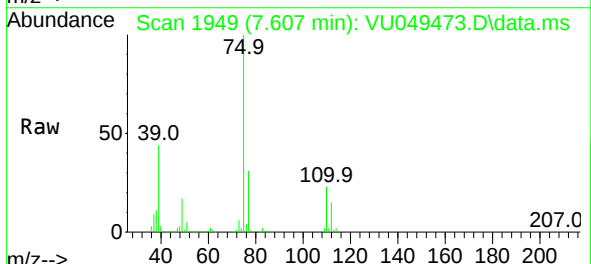
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 264762
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.753 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

Tgt Ion: 75 Resp: 289957
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 43.7 33.0 49.6



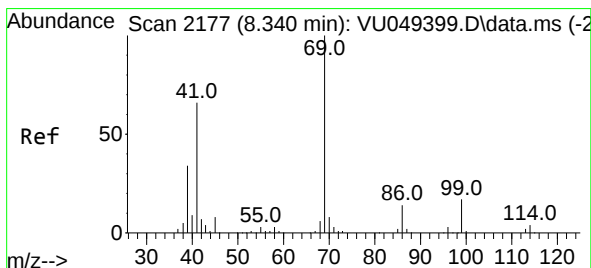
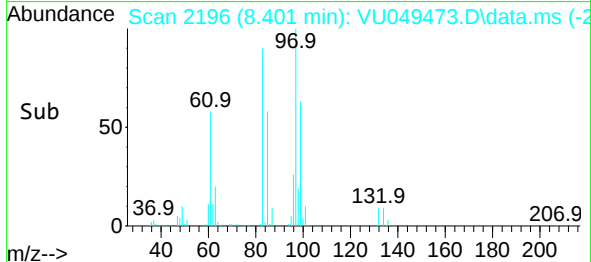
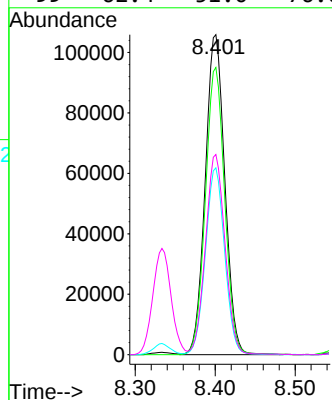
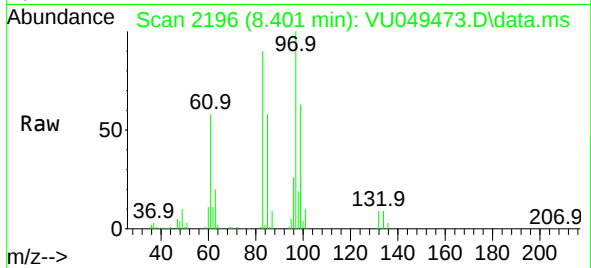


#55
1,1,2-Trichloroethane
Concen: 51.369 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 180648

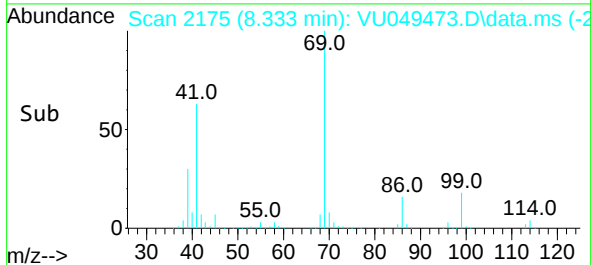
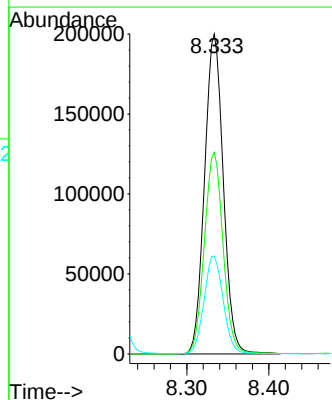
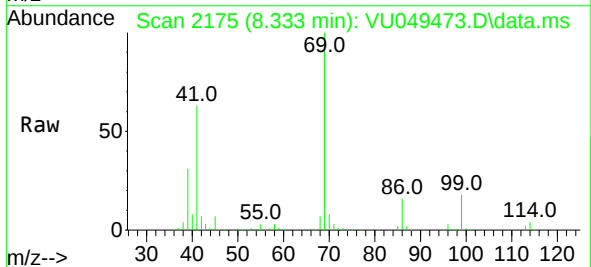
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.2	105.4
85	58.4	44.6	66.8
99	62.4	51.0	76.6

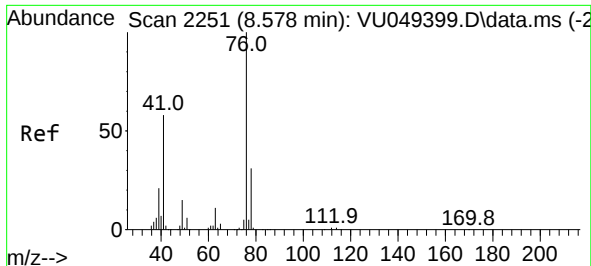


#56
Ethyl methacrylate
Concen: 54.118 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 69 Resp: 318314

Ion	Ratio	Lower	Upper
69	100		
41	63.2	45.4	68.0
39	31.2	25.7	38.5





#57

1,3-Dichloropropane

Concen: 49.326 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

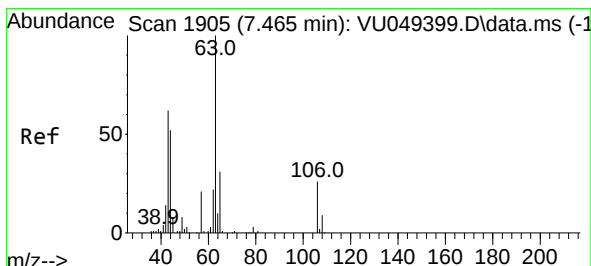
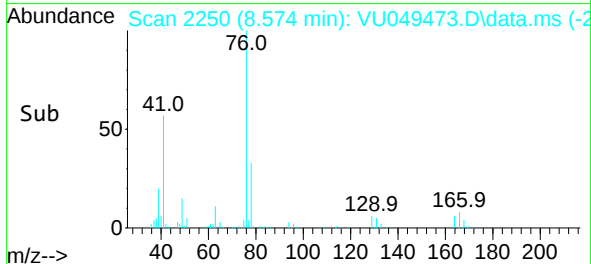
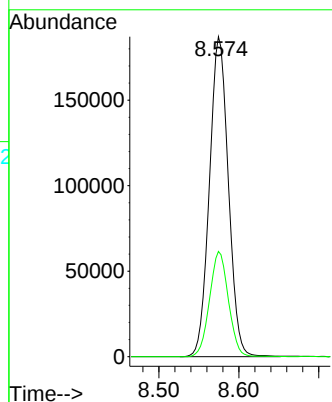
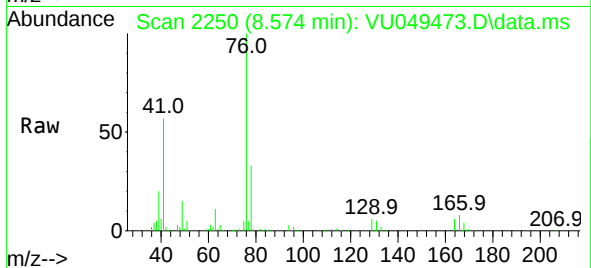
VSTDCCC050EC

Tgt Ion: 76 Resp: 307712

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 408.547 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049473.D

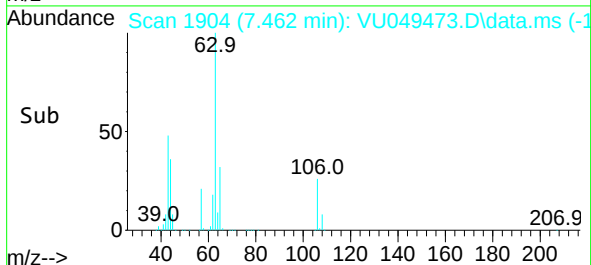
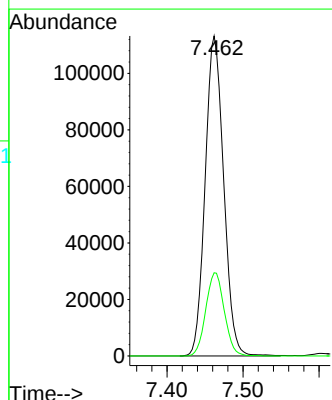
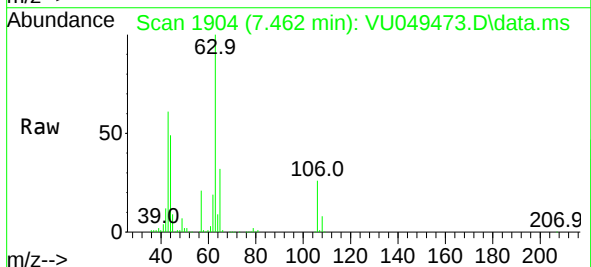
Acq: 28 Jun 2022 21:04

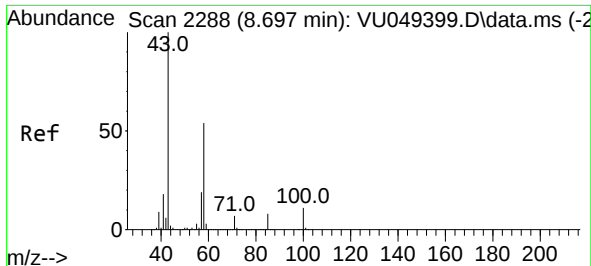
Tgt Ion: 63 Resp: 191391

Ion Ratio Lower Upper

63 100

106 26.0 23.1 34.7

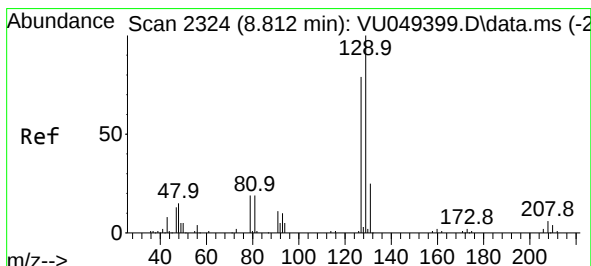
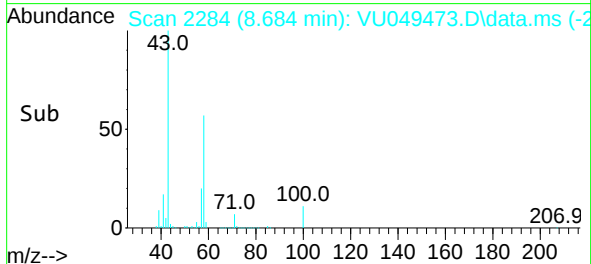
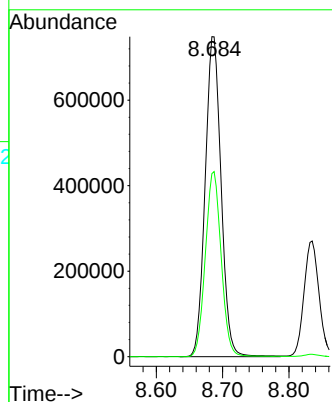
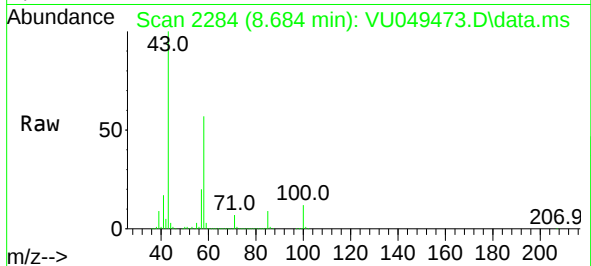




#59
2-Hexanone
Concen: 248.997 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

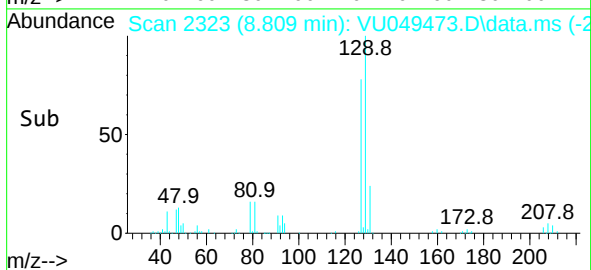
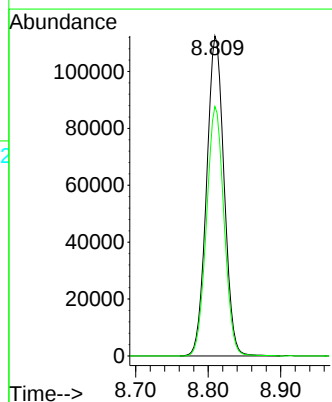
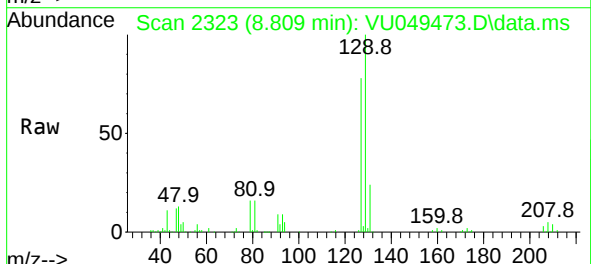
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

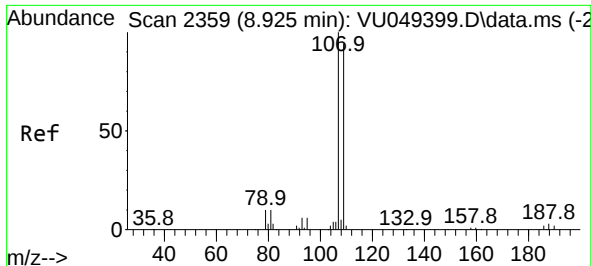
Tgt Ion: 43 Resp: 1243695
Ion Ratio Lower Upper
43 100
58 57.6 30.3 90.8



#60
Dibromochloromethane
Concen: 51.464 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 129 Resp: 188206
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

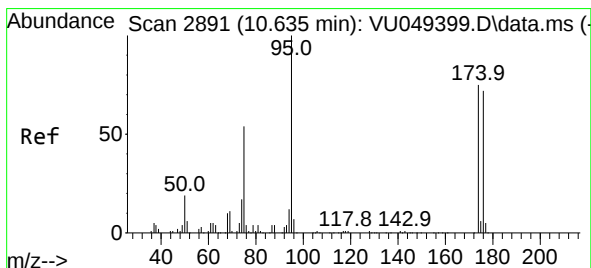
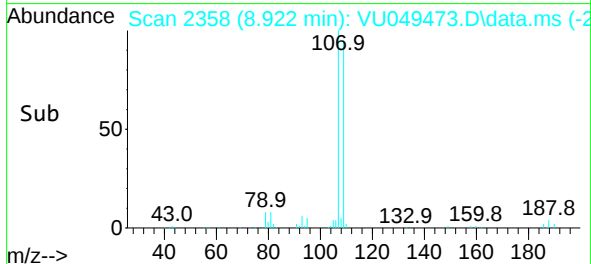
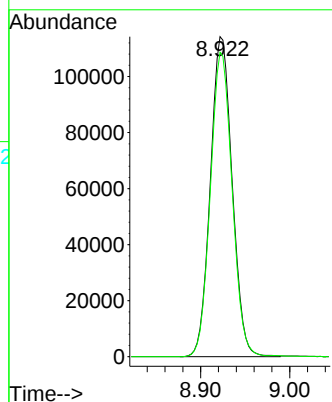
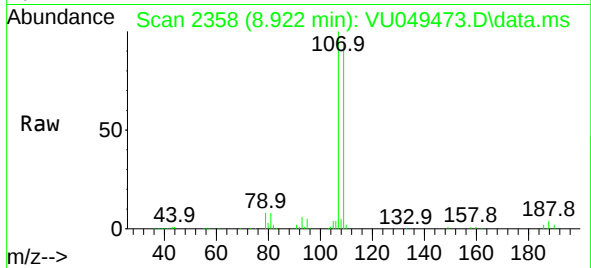




#61
1,2-Dibromoethane
Concen: 50.627 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

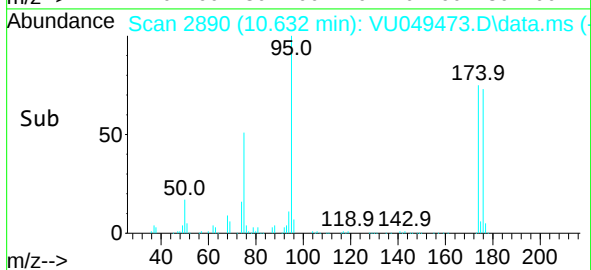
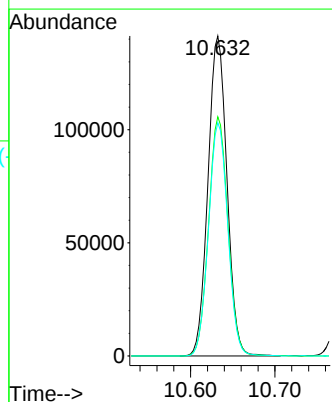
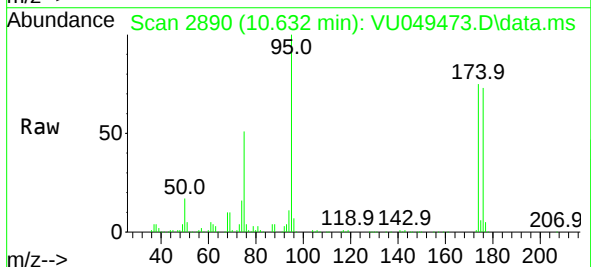
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 194021
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.675 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 95 Resp: 221868
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 73.7 0.0 177.8

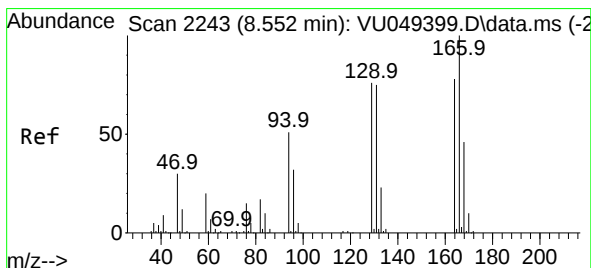
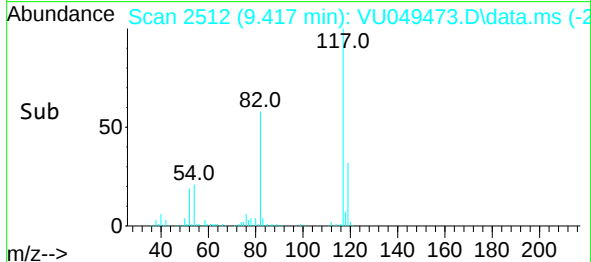
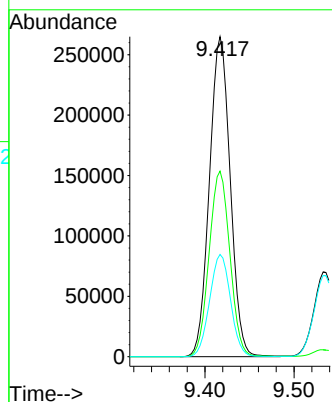
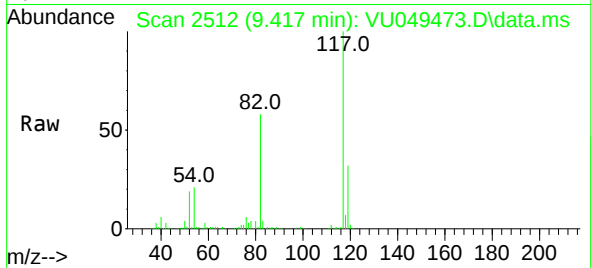




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

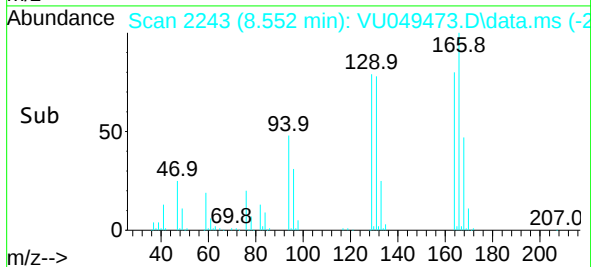
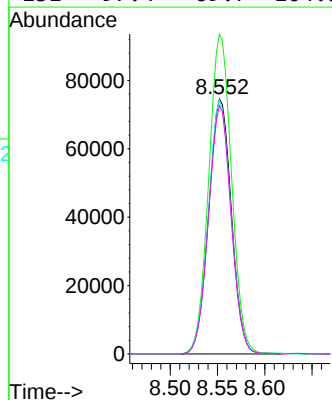
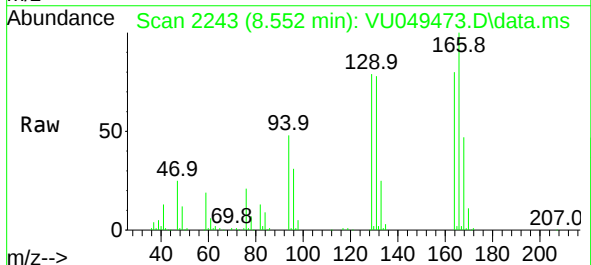
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

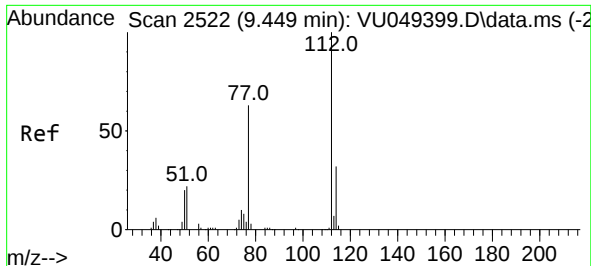
Tgt Ion:117 Resp: 429005
Ion Ratio Lower Upper
117 100
82 58.0 41.7 62.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 45.404 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:164 Resp: 124935
Ion Ratio Lower Upper
164 100
166 125.5 100.0 150.0
129 99.5 72.0 108.0
131 97.4 69.7 104.5

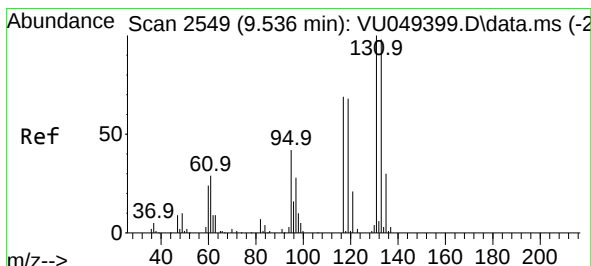
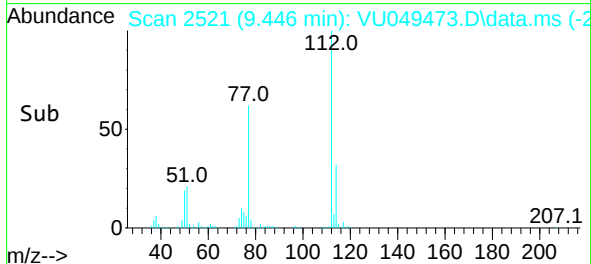
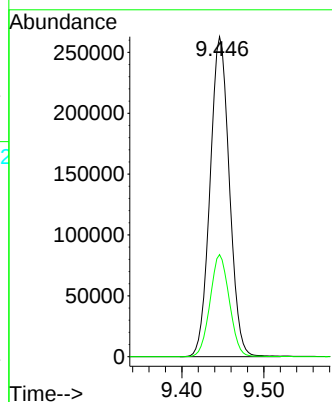
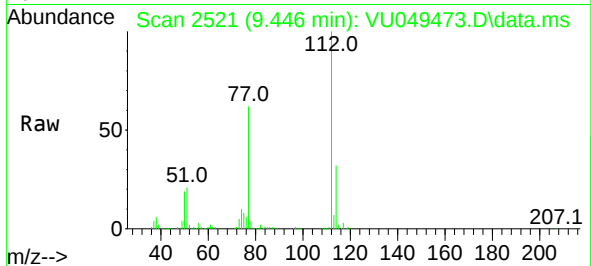




#65
Chlorobenzene
Concen: 49.106 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

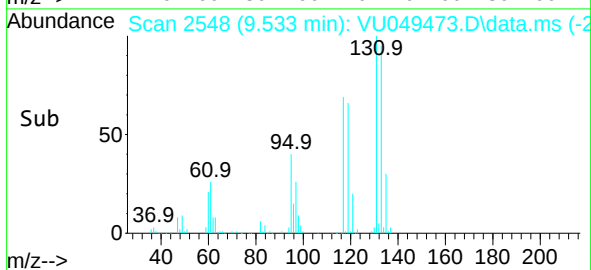
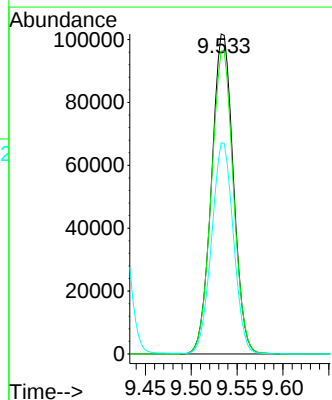
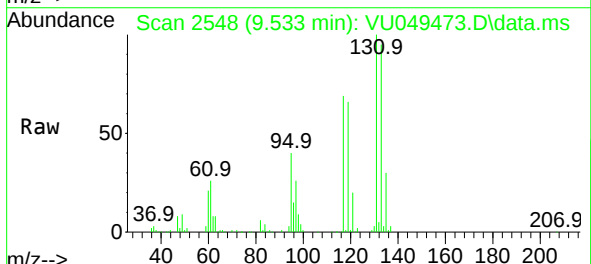
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

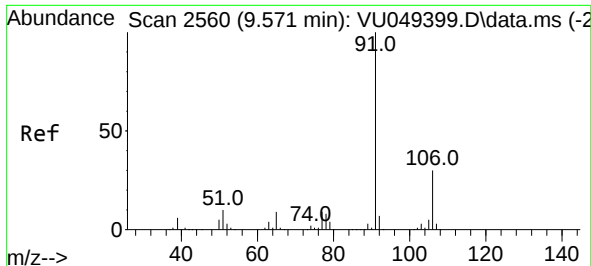
Tgt Ion:112 Resp: 430680
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.804 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:131 Resp: 168087
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 66.3 33.9 101.6





#67

Ethyl Benzene

Concen: 48.783 ug/l

RT: 9.568 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

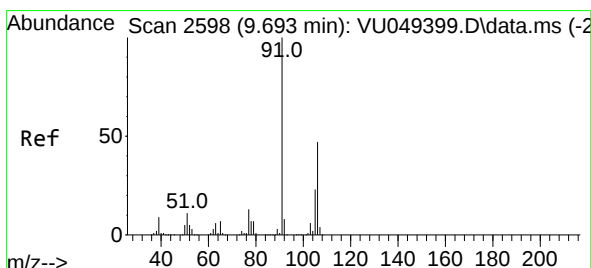
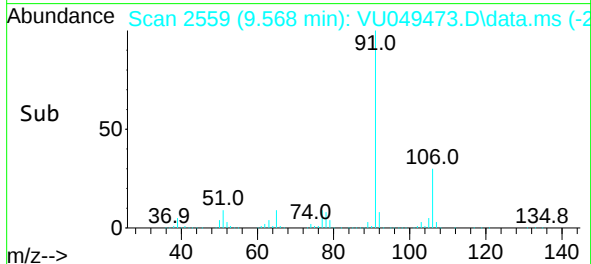
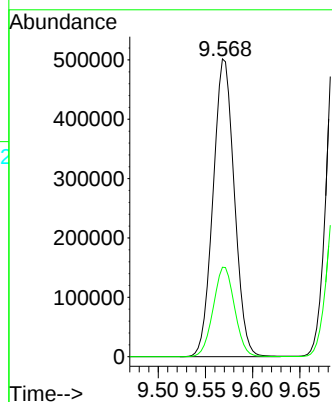
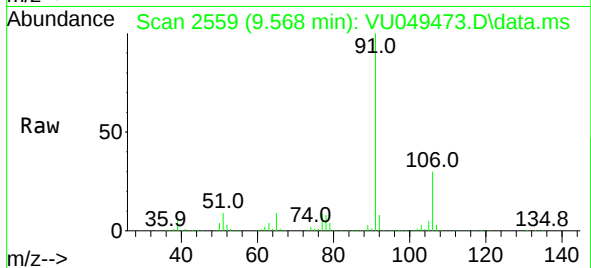
VSTDCCC050EC

Tgt Ion: 91 Resp: 785462

Ion Ratio Lower Upper

91 100

106 30.0 25.6 38.4



#68

m/p-Xylenes

Concen: 98.868 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049473.D

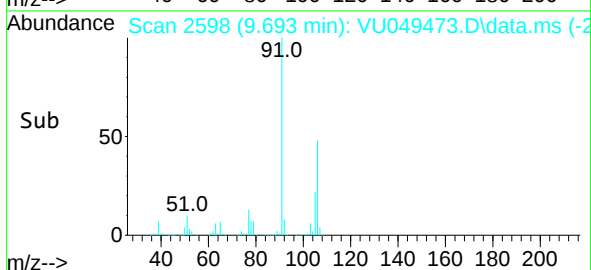
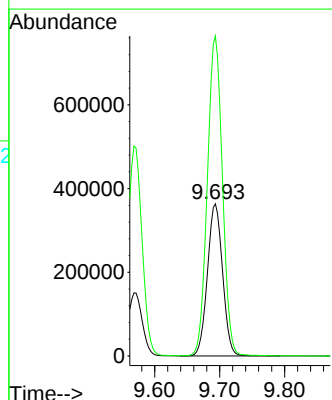
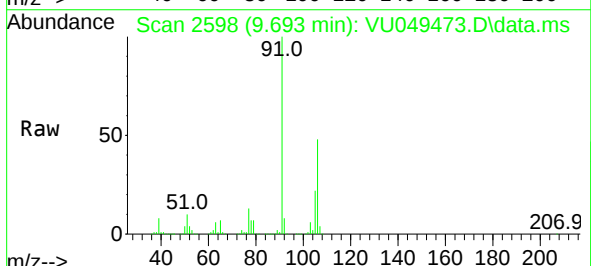
Acq: 28 Jun 2022 21:04

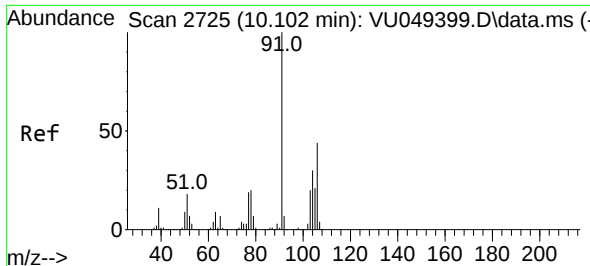
Tgt Ion:106 Resp: 589007

Ion Ratio Lower Upper

106 100

91 209.8 157.2 235.8

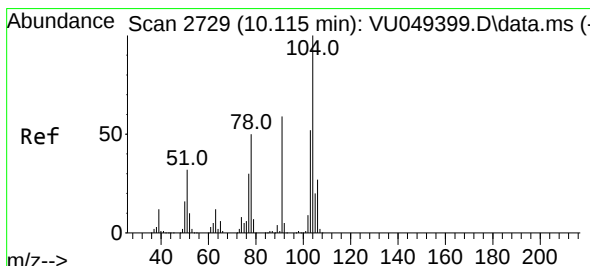
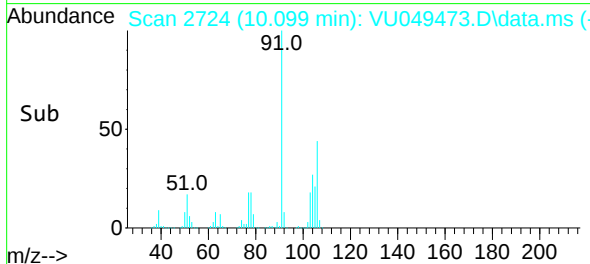
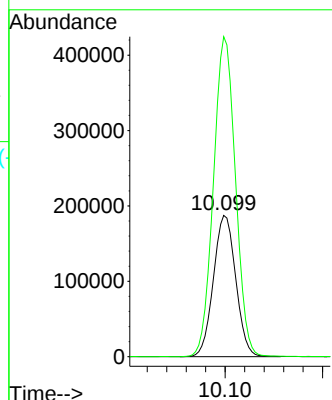
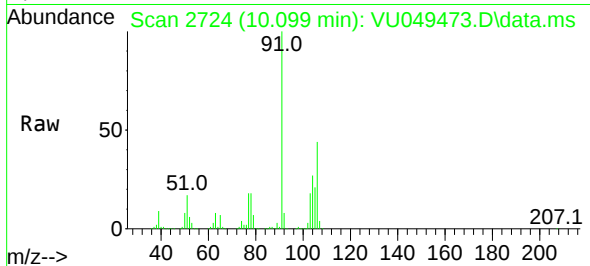




#69
o-Xylene
Concen: 50.328 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

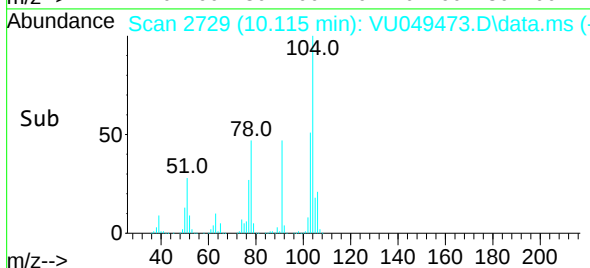
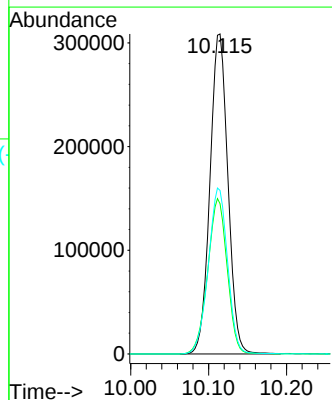
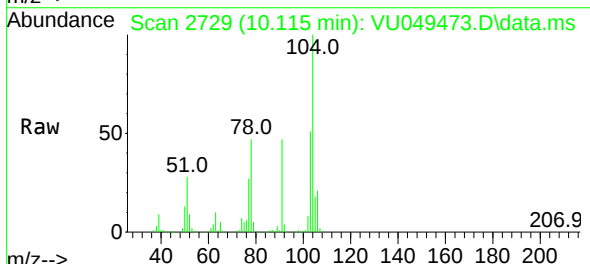
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

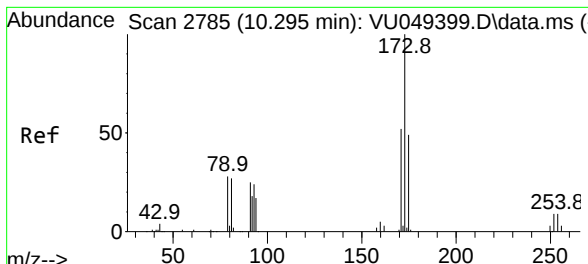
Tgt Ion:106 Resp: 297656
Ion Ratio Lower Upper
106 100
91 223.9 103.5 310.5



#70
Styrene
Concen: 52.011 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:104 Resp: 494259
Ion Ratio Lower Upper
104 100
78 52.4 38.0 57.0
103 55.9 43.9 65.9

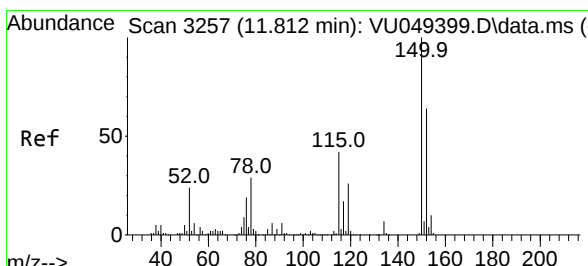
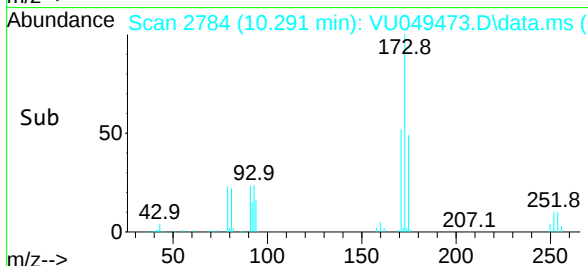
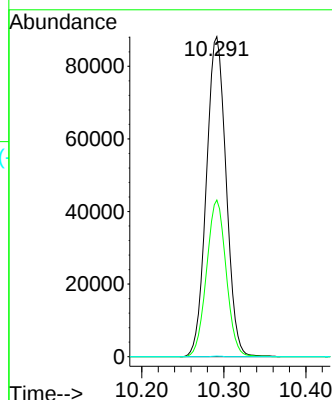
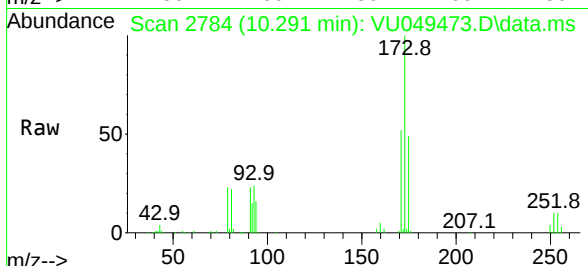




#71
Bromoform
Concen: 52.046 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

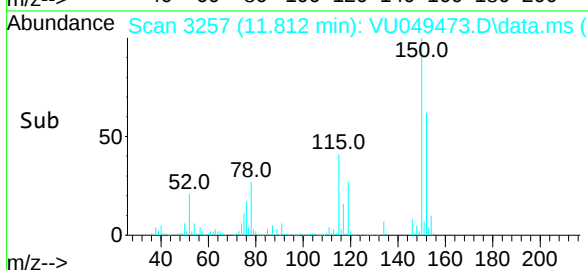
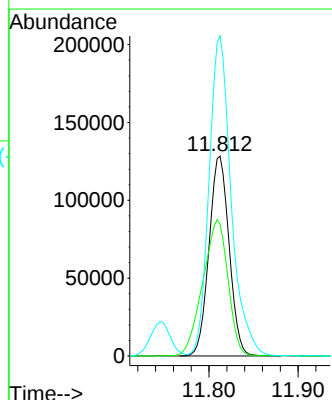
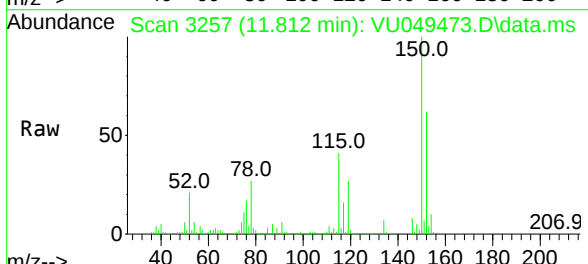
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

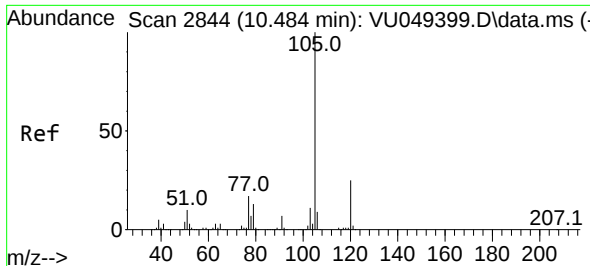
Tgt Ion:173 Resp: 147686
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion:152 Resp: 201001
Ion Ratio Lower Upper
152 100
115 85.4 37.0 110.9
150 176.1 0.0 342.2

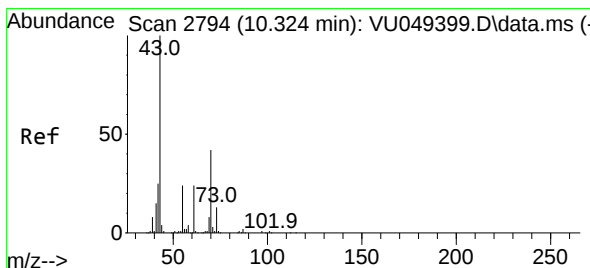
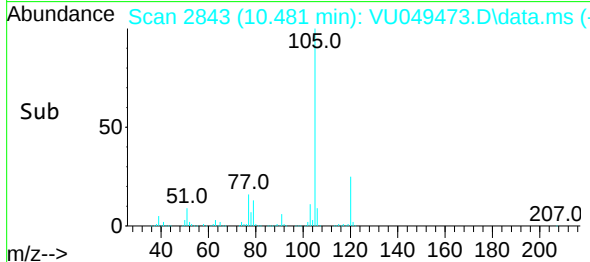
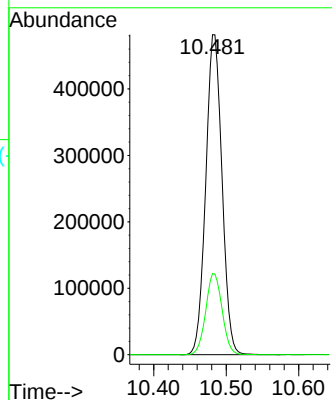
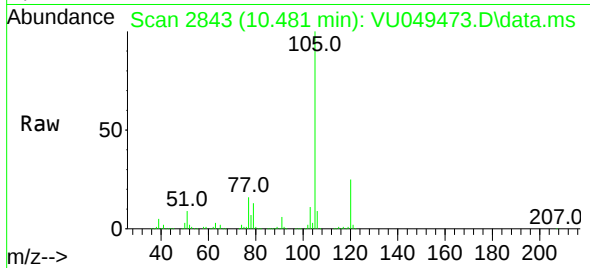




#73
Isopropylbenzene
Concen: 52.276 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

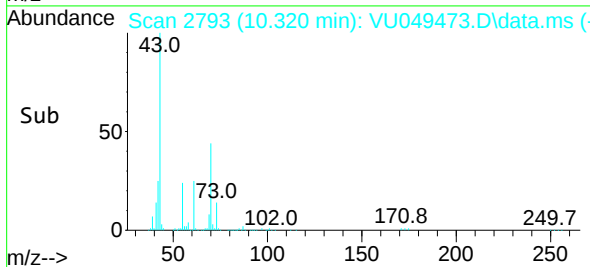
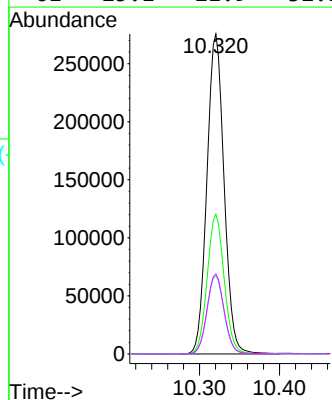
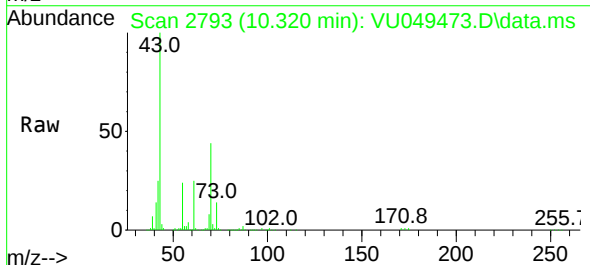
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

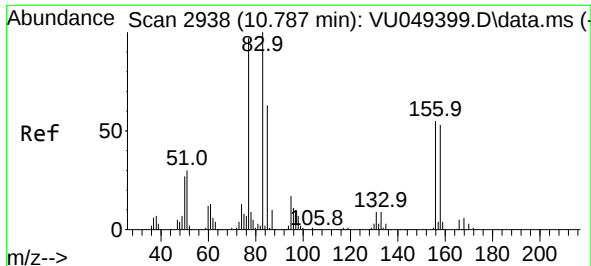
Tgt Ion:105 Resp: 748517
Ion Ratio Lower Upper
105 100
120 25.6 13.8 41.4



#74
N-ethyl acetate
Concen: 54.221 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 43 Resp: 410901
Ion Ratio Lower Upper
43 100
70 43.4 38.7 58.1
55 24.4 21.8 32.8
61 25.1 21.9 32.9

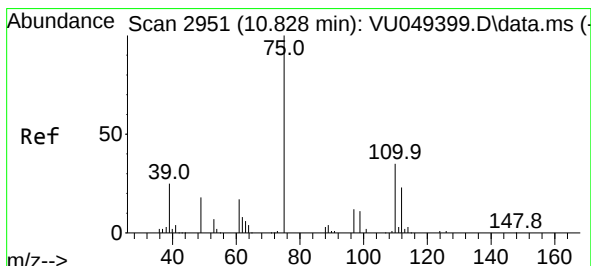
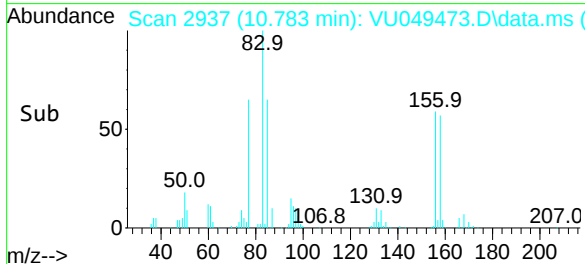
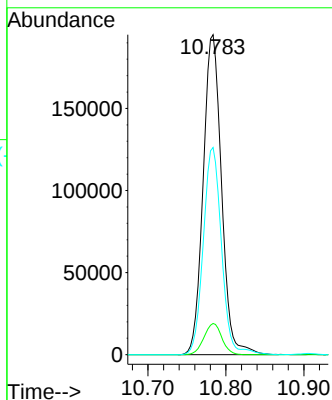
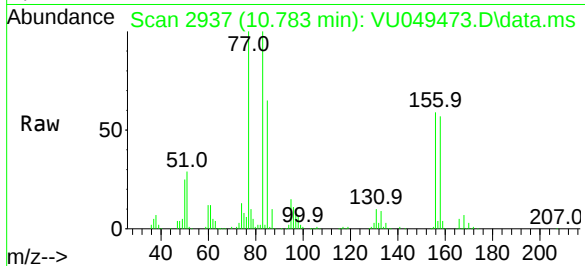




#75
1,1,2-Tetrachloroethane
Concen: 52.605 ug/l
RT: 10.783 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

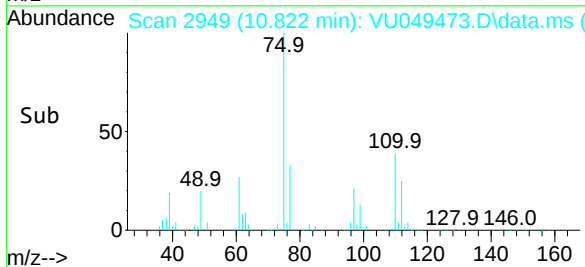
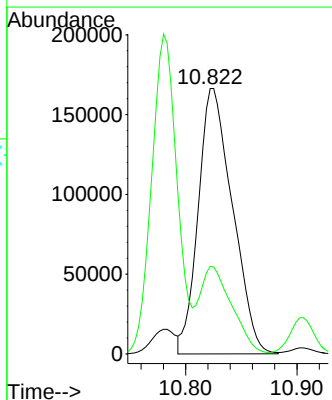
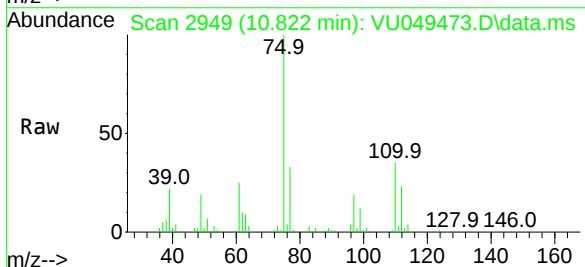
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

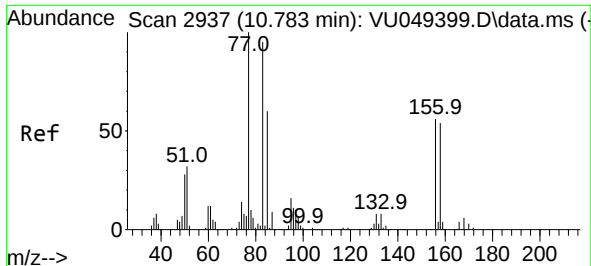
Tgt Ion: 83 Resp: 319069
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.4
85 64.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 52.153 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 75 Resp: 355358
Ion Ratio Lower Upper
75 100
77 29.4 15.8 47.3

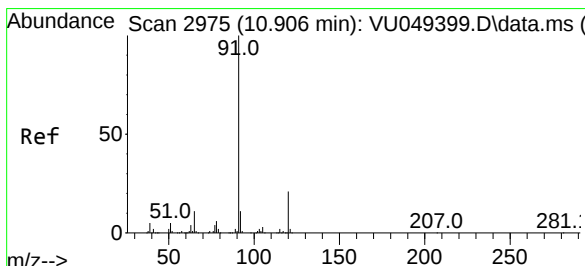
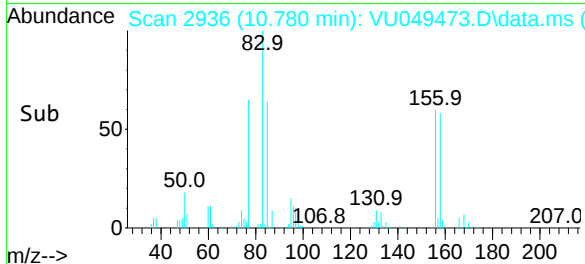
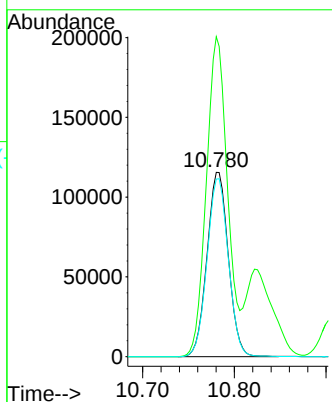
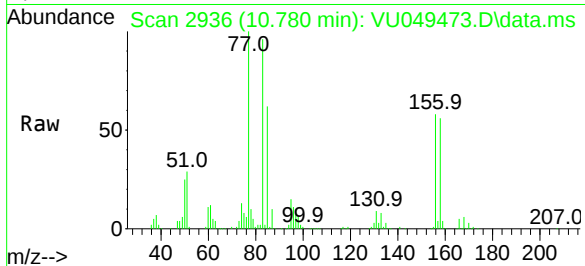




#77
Bromobenzene
Concen: 53.400 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

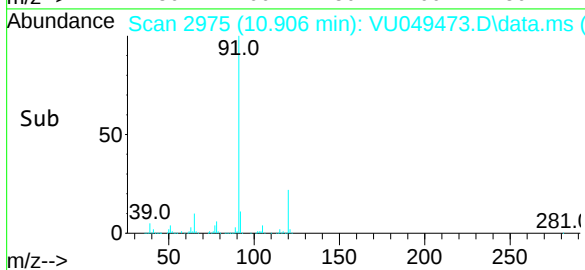
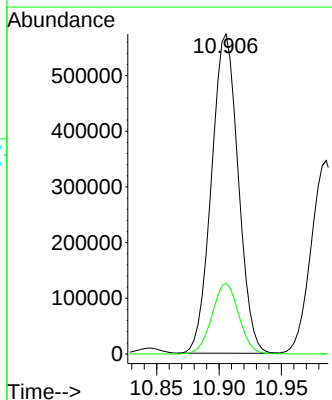
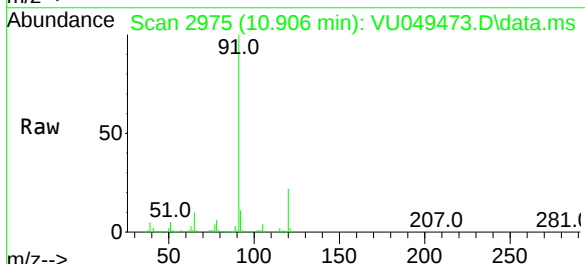
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

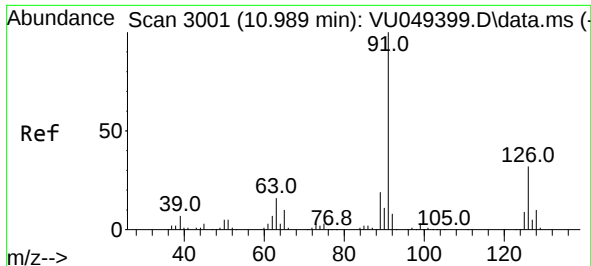
Tgt Ion:156 Resp: 186637
Ion Ratio Lower Upper
156 100
77 171.3 71.9 215.6
158 96.8 48.9 146.8



#78
n-propylbenzene
Concen: 49.304 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 91 Resp: 857826
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

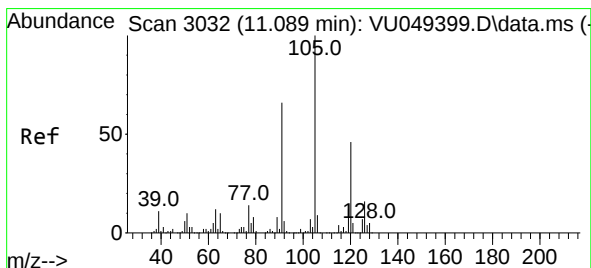
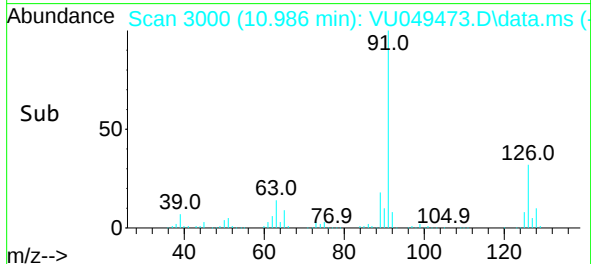
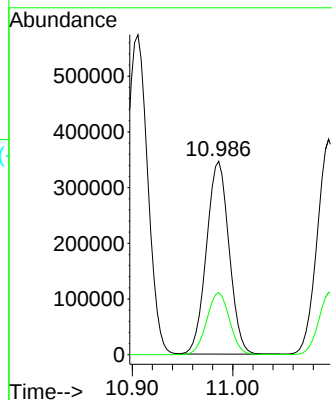
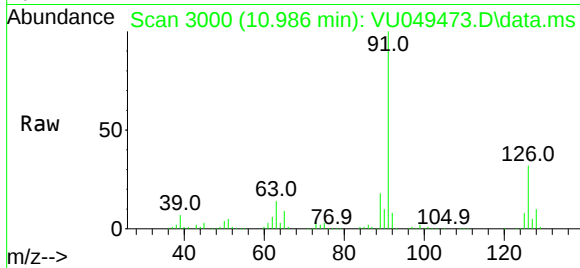




#79
2-Chlorotoluene
Concen: 50.519 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

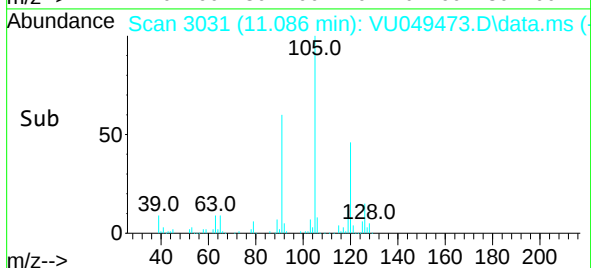
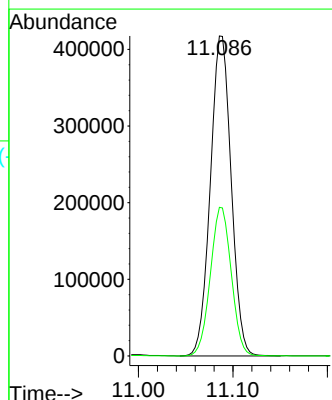
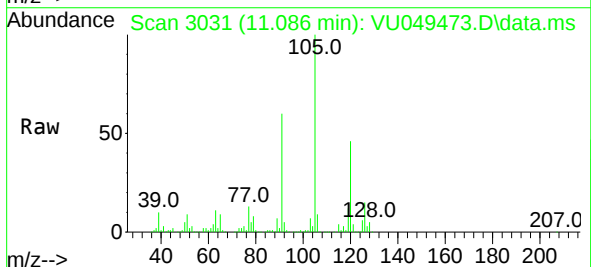
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

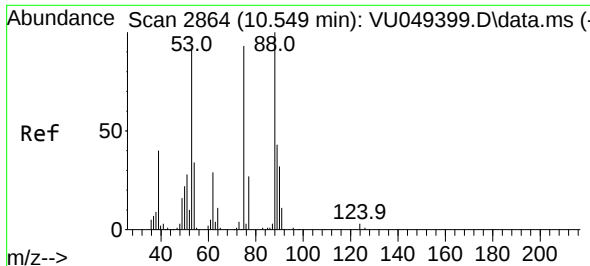
Tgt Ion: 91 Resp: 541533
Ion Ratio Lower Upper
91 100
126 32.6 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.105 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 105 Resp: 638832
Ion Ratio Lower Upper
105 100
120 46.7 25.3 75.9

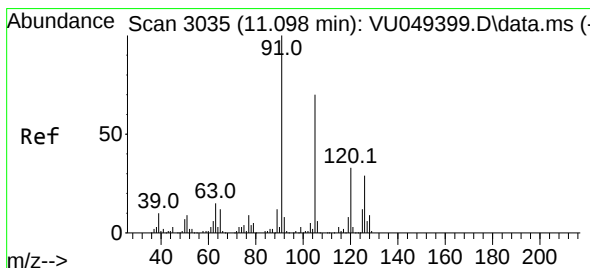
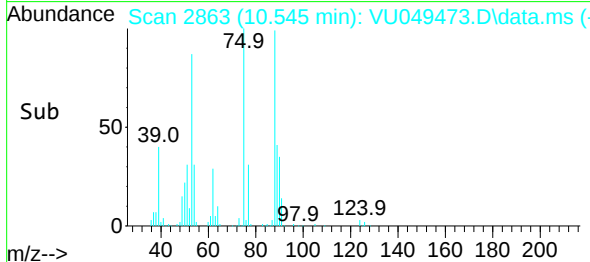
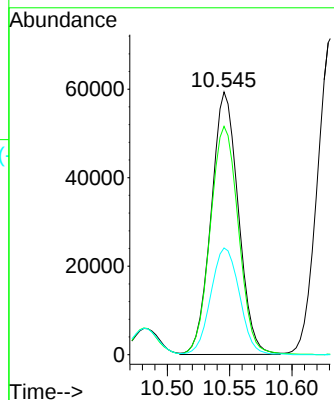
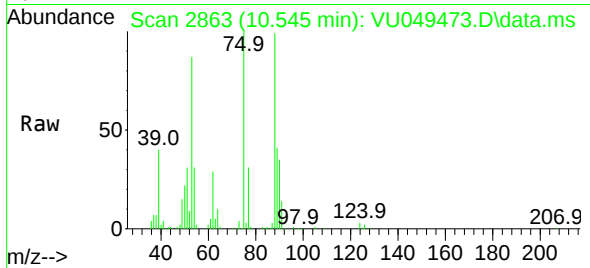




#81
trans-1,4-Dichloro-2-butene
Concen: 48.779 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

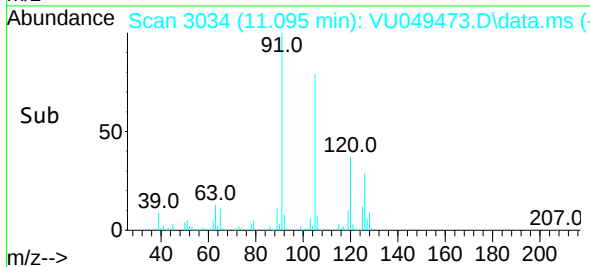
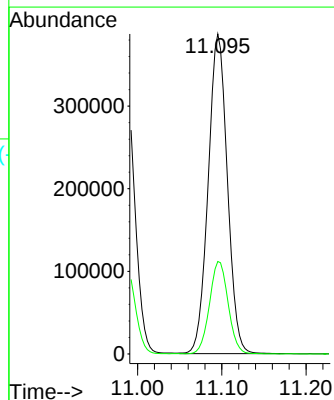
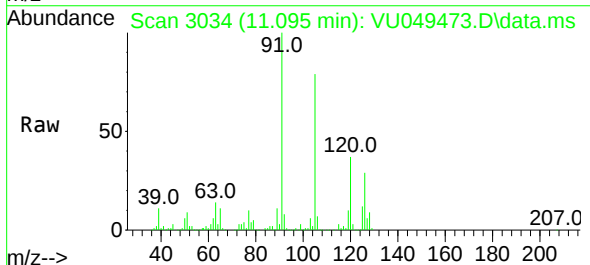
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

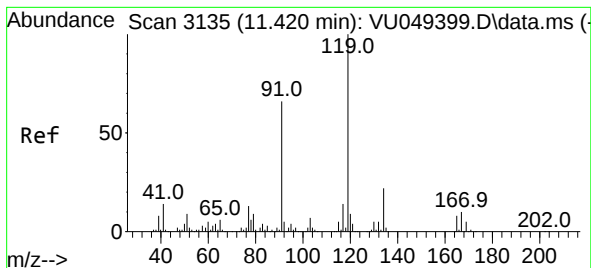
Tgt Ion: 75 Resp: 90003
Ion Ratio Lower Upper
75 100
53 90.0 69.2 103.8
89 43.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.709 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 91 Resp: 611345
Ion Ratio Lower Upper
91 100
126 28.2 16.1 48.2





#83

tert-Butylbenzene

Concen: 50.893 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

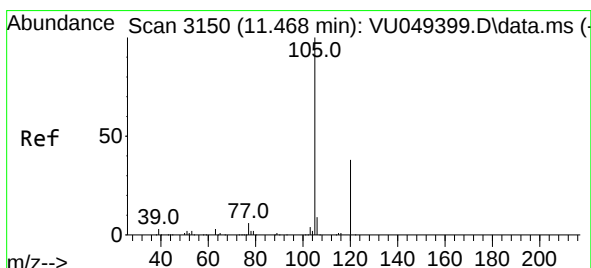
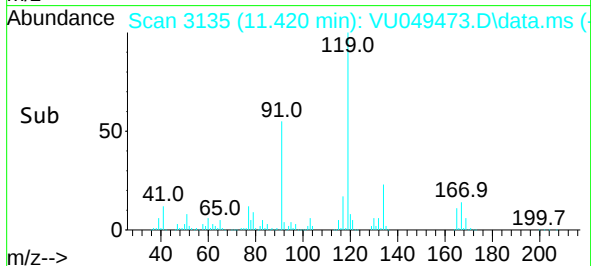
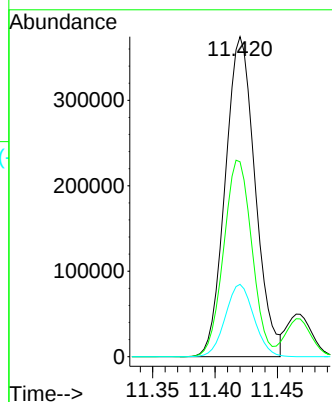
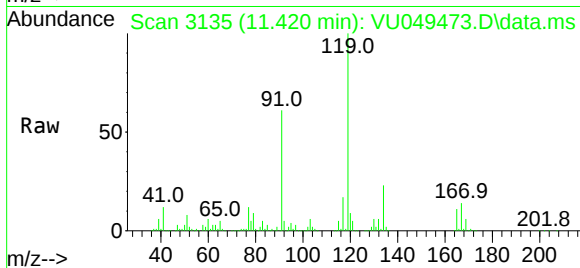
Tgt Ion:119 Resp: 625728

Ion Ratio Lower Upper

119 100

91 58.0 26.8 80.3

134 21.6 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 52.346 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049473.D

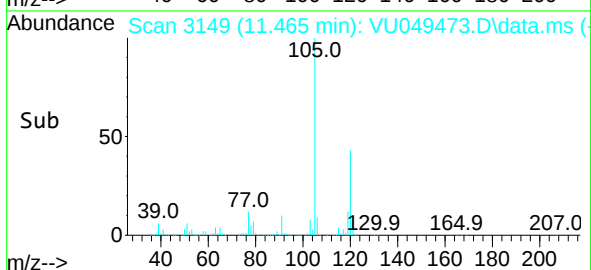
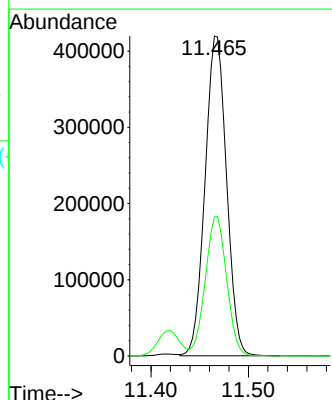
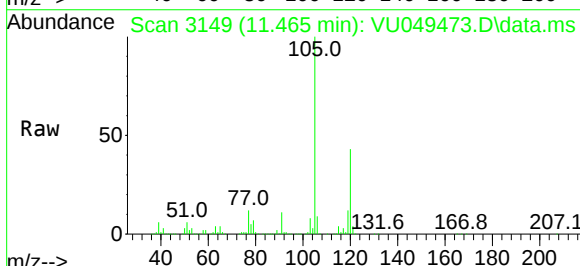
Acq: 28 Jun 2022 21:04

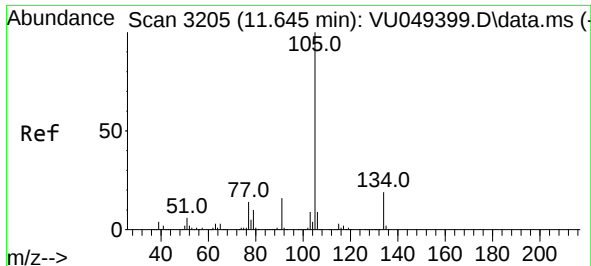
Tgt Ion:105 Resp: 642830

Ion Ratio Lower Upper

105 100

120 43.2 23.4 70.3

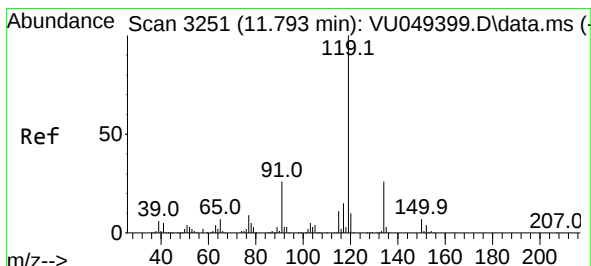
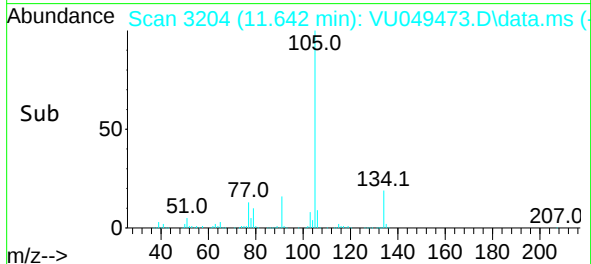
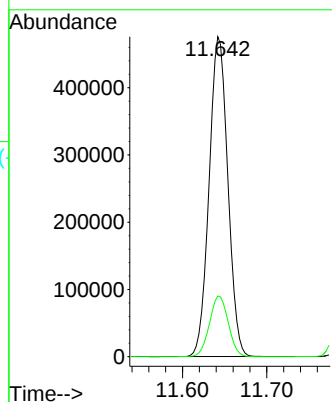
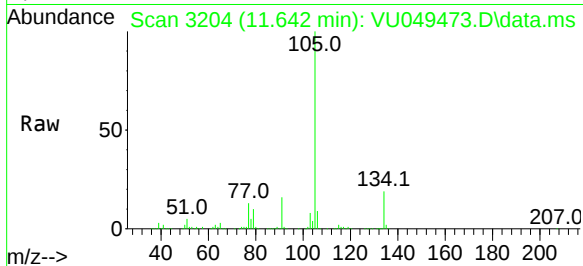




#85
 sec-Butylbenzene
 Concen: 47.465 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. -0.003 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

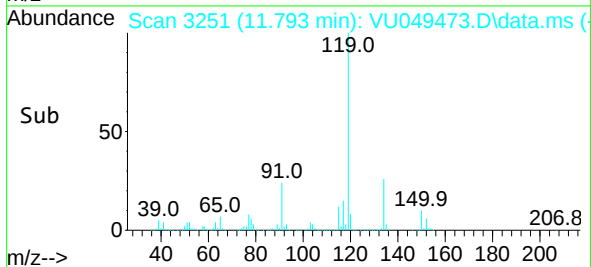
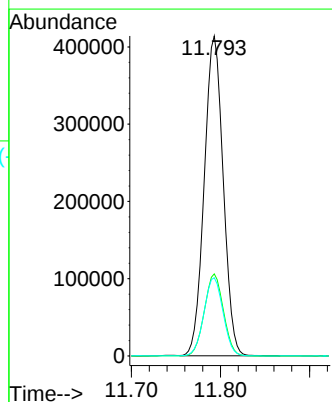
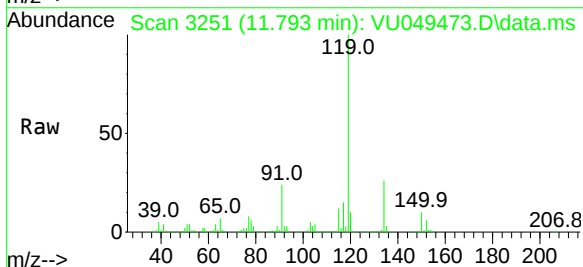
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

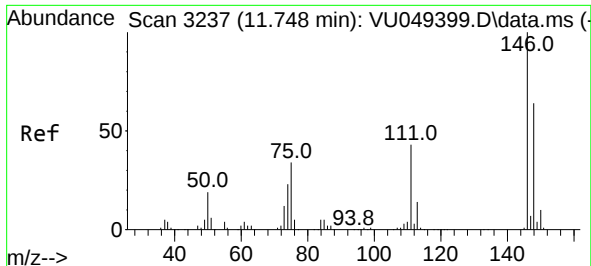
Tgt Ion:105 Resp: 733718
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.842 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

Tgt Ion:119 Resp: 610570
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.4
 91 24.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.680 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

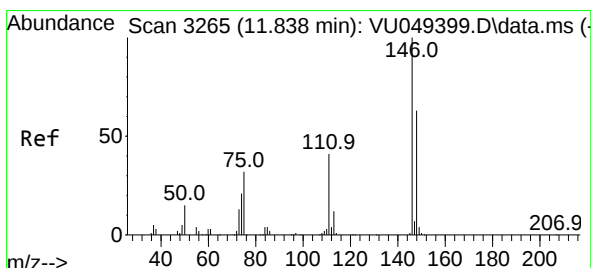
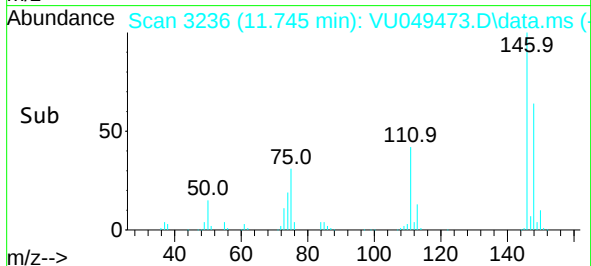
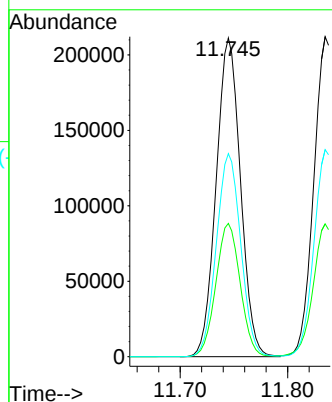
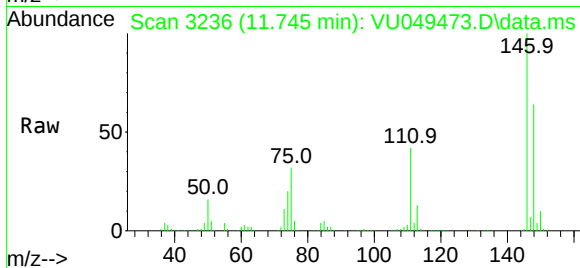
Tgt Ion:146 Resp: 331955

Ion Ratio Lower Upper

146 100

111 41.7 18.9 56.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.233 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

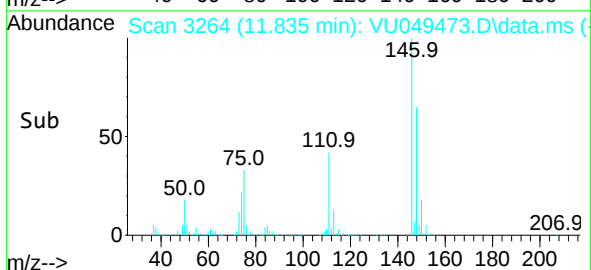
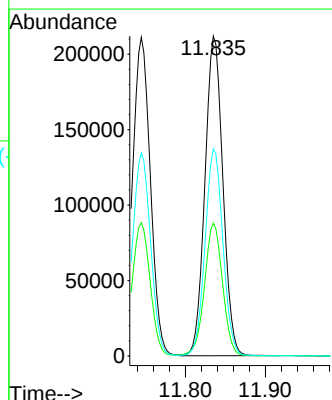
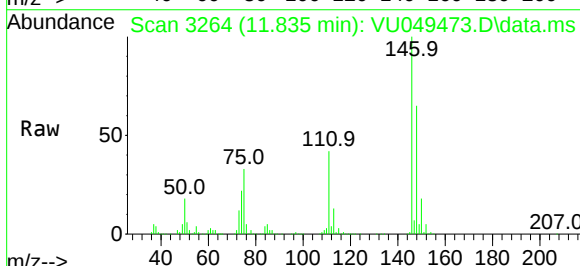
Tgt Ion:146 Resp: 330651

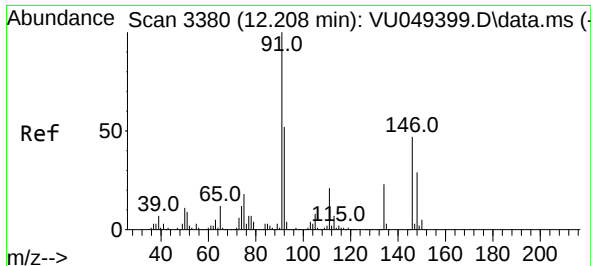
Ion Ratio Lower Upper

146 100

111 41.8 18.5 55.5

148 64.8 31.9 95.7

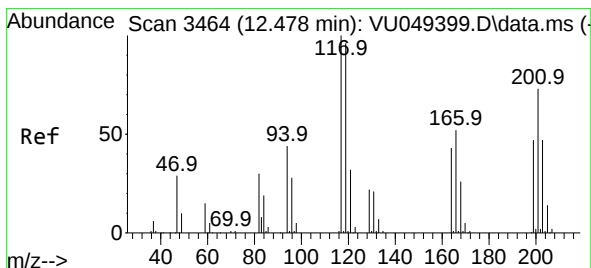
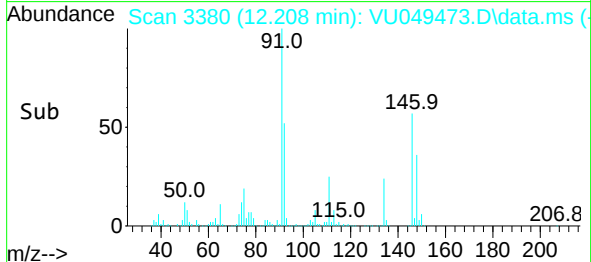
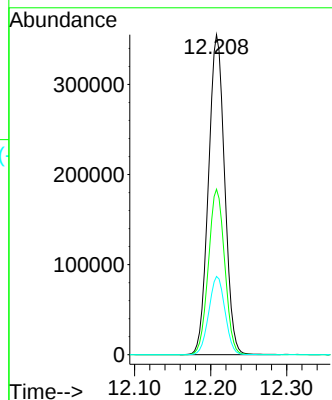
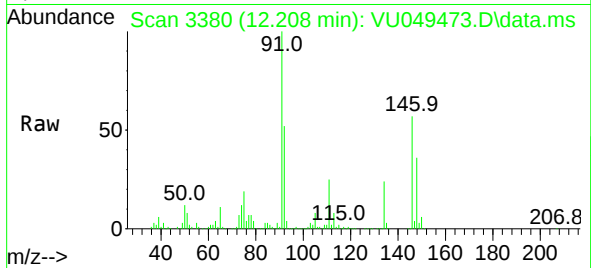




#89
n-Butylbenzene
Concen: 45.412 ug/l
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

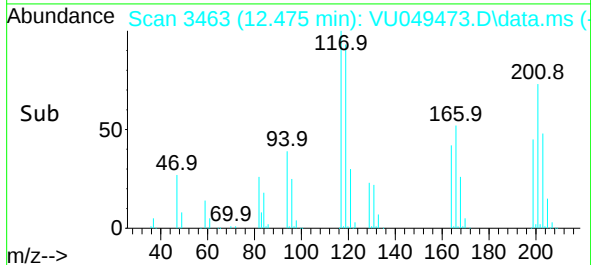
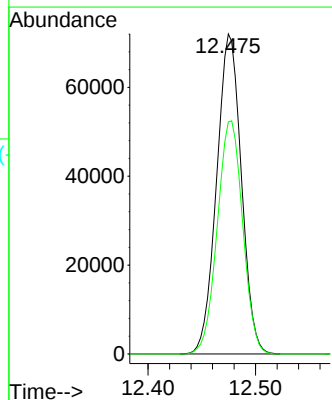
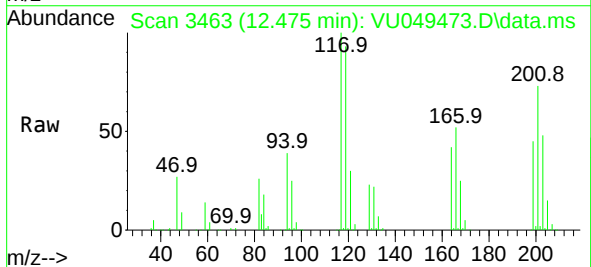
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

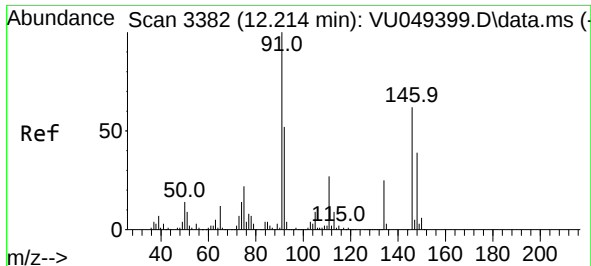
Tgt Ion: 91 Resp: 525519
Ion Ratio Lower Upper
91 100
92 51.9 26.2 78.6
134 24.5 13.5 40.4



#90
Hexachloroethane
Concen: 46.210 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049473.D
Acq: 28 Jun 2022 21:04

Tgt Ion: 117 Resp: 115061
Ion Ratio Lower Upper
117 100
201 74.8 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 51.472 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

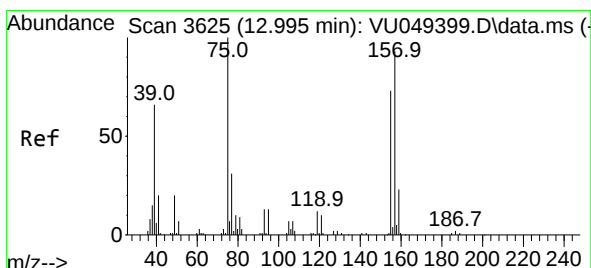
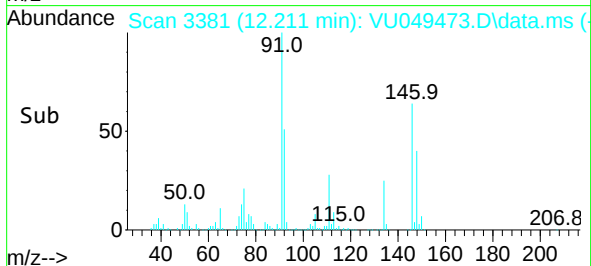
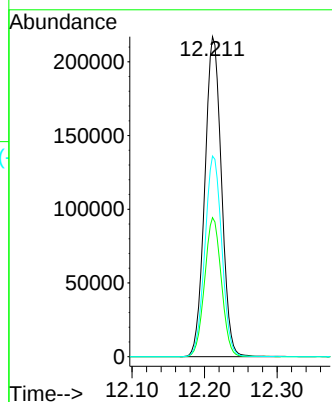
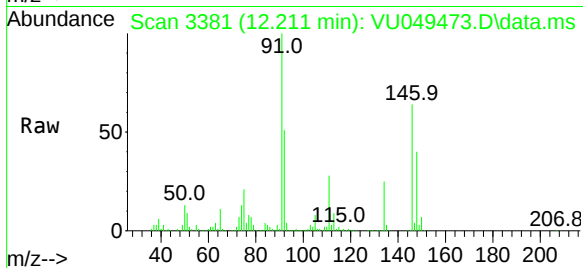
Tgt Ion:146 Resp: 345576

Ion Ratio Lower Upper

146 100

111 43.6 19.9 59.6

148 63.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.563 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

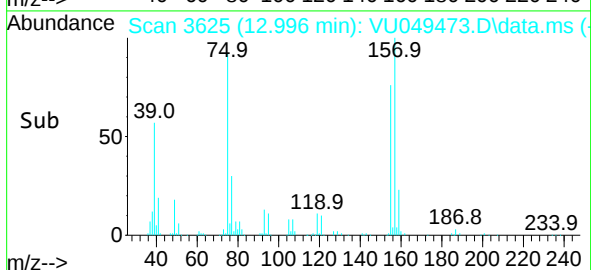
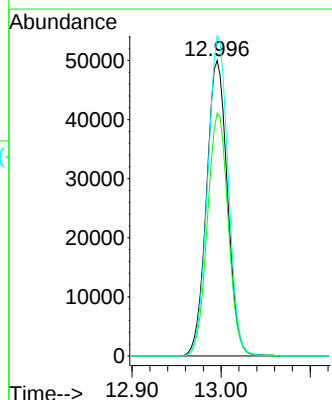
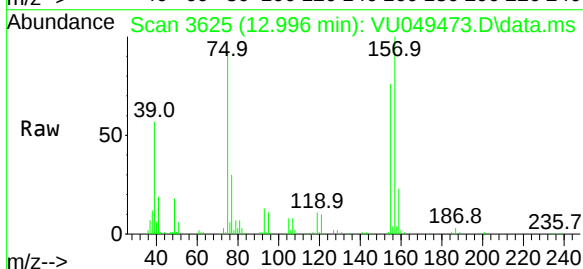
Tgt Ion: 75 Resp: 81749

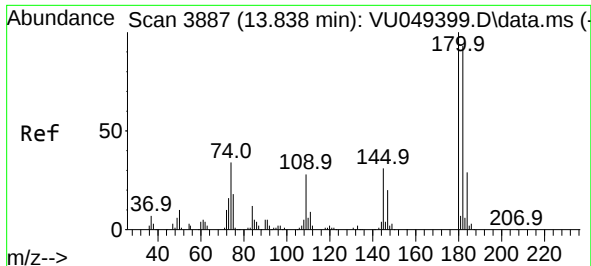
Ion Ratio Lower Upper

75 100

155 81.5 47.8 143.4

157 105.9 62.2 186.5

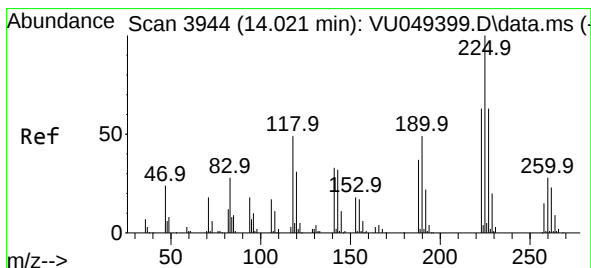
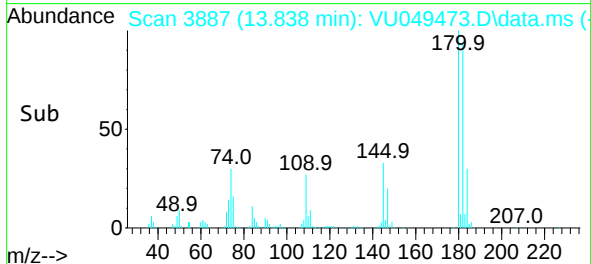
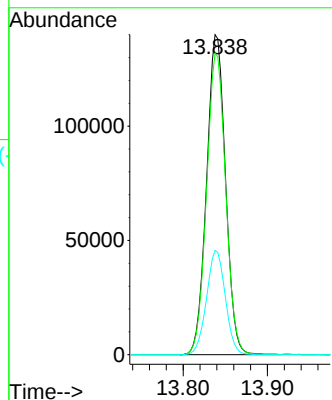
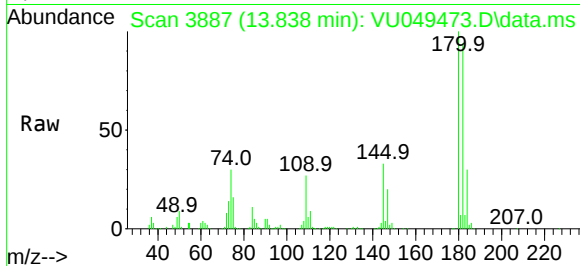




#93
 1,2,4-Trichlorobenzene
 Concen: 48.606 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

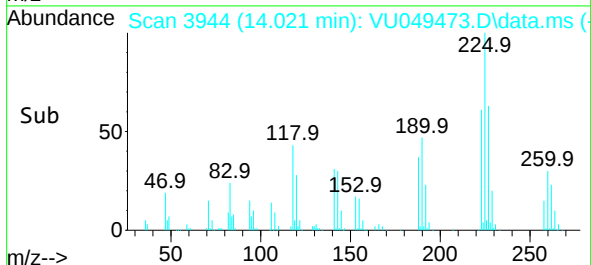
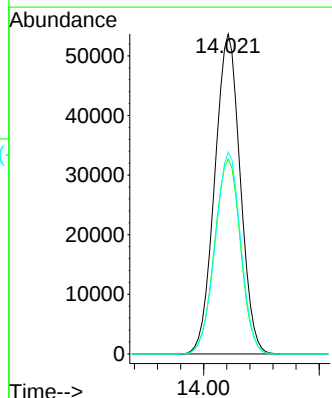
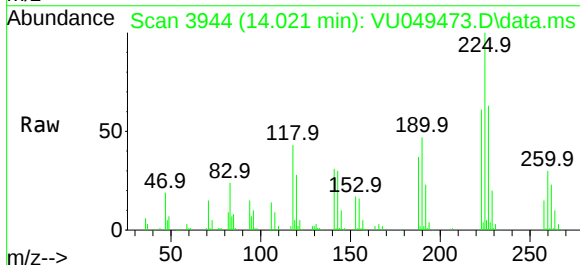
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

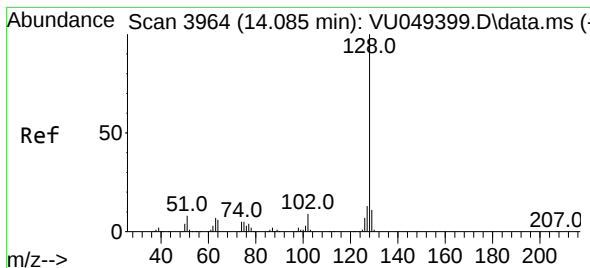
Tgt Ion:180 Resp: 218772
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.6
 145 32.4 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 39.553 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU049473.D
 Acq: 28 Jun 2022 21:04

Tgt Ion:225 Resp: 82374
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.9
 227 63.2 32.0 96.2





#95

Naphthalene

Concen: 55.828 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

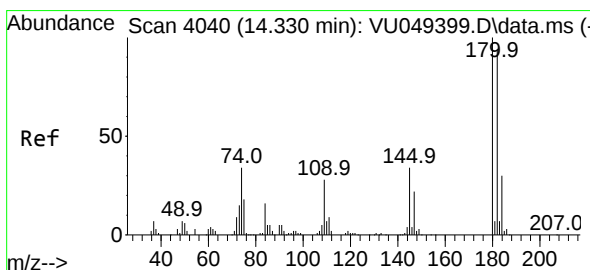
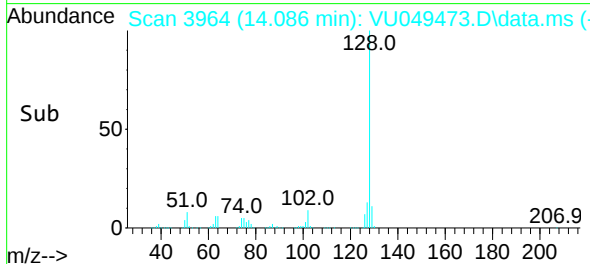
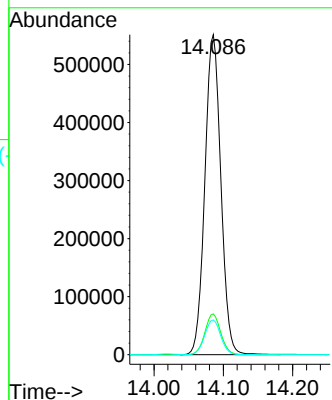
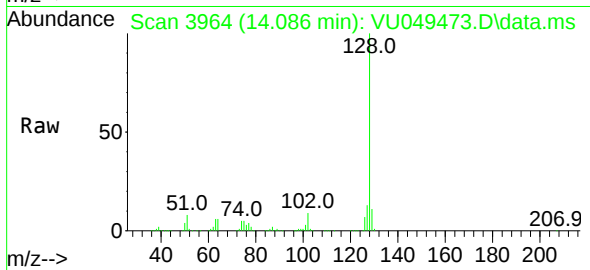
Tgt Ion:128 Resp: 881841

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.950 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU049473.D

Acq: 28 Jun 2022 21:04

Tgt Ion:180 Resp: 231366

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.0

145 33.5 14.8 44.4

