

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049419.D
 Acq On : 27 Jun 2022 21:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 05:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	240130	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	436745	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	393457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	184869	49.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.288	113	146828	48.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	7.896	98	524016	48.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.160%		
62) 4-Bromofluorobenzene	10.632	95	200345	47.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	167931	43.520	ug/l	100
3) Chloromethane	1.520	50	208386	44.069	ug/l	98
4) Vinyl Chloride	1.604	62	176987	45.558	ug/l	99
5) Bromomethane	1.845	94	59706	49.426	ug/l	99
6) Chloroethane	1.919	64	100162	55.664	ug/l	97
7) Trichlorofluoromethane	2.128	101	215686	43.563	ug/l	97
8) Diethyl Ether	2.375	74	96174	53.775	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	127107	47.715	ug/l	96
10) Methyl Iodide	2.716	142	157346	58.586	ug/l	94
11) Tert butyl alcohol	3.350	59	8424	9.732	ug/l	# 1
12) 1,1-Dichloroethene	2.575	96	129760	49.752	ug/l	91
13) Acrolein	2.485	56	126352	215.550	ug/l	99
14) Allyl chloride	2.919	41	267774	50.801	ug/l	# 87
15) Acrylonitrile	3.311	53	581321	279.240	ug/l	99
16) Acetone	2.629	43	475092	254.747	ug/l	98
17) Carbon Disulfide	2.787	76	374701	46.068	ug/l	99
18) Methyl Acetate	2.948	43	268308	53.146	ug/l	91
19) Methyl tert-butyl Ether	3.362	73	532182	54.863	ug/l	99
20) Methylene Chloride	3.041	84	170389	54.958	ug/l	92
21) trans-1,2-Dichloroethene	3.350	96	142201	50.578	ug/l	91
22) Diisopropyl ether	3.993	45	528534	52.518	ug/l	# 70
23) Vinyl Acetate	3.954	43	2403344	272.459	ug/l	95
24) 1,1-Dichloroethane	3.867	63	293104	50.703	ug/l	97
25) 2-Butanone	4.700	43	790111	282.697	ug/l	95
26) 2,2-Dichloropropane	4.661	77	197197	40.986	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	173002	53.257	ug/l	93
28) Bromochloromethane	4.973	49	127665	50.524	ug/l	# 78
29) Tetrahydrofuran	5.050	42	524929	273.781	ug/l	89
30) Chloroform	5.089	83	286704	50.137	ug/l	99
31) Cyclohexane	5.385	56	253980	45.738	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	243464	49.070	ug/l	99
36) 1,1-Dichloropropene	5.526	75	199494	45.027	ug/l	98
37) Ethyl Acetate	4.803	43	294404	48.628	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	206284	44.396	ug/l	99
39) Methylcyclohexane	6.761	83	239102	45.023	ug/l	93
40) Benzene	5.771	78	638851	47.759	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	153840	50.712	ug/l	89
42) 1,2-Dichloroethane	5.793	62	230589	46.317	ug/l	100
43) Isopropyl Acetate	5.912	43	445840	50.258	ug/l	97
44) Trichloroethene	6.542	130	149523	47.022	ug/l	87
45) 1,2-Dichloropropane	6.790	63	175232	47.277	ug/l	99
46) Dibromomethane	6.919	93	119453	48.339	ug/l	90
47) Bromodichloromethane	7.105	83	226566	47.635	ug/l	99
48) Methyl methacrylate	6.960	41	212247	51.054	ug/l	89
49) 1,4-Dioxane	6.976	88	119205	1119.198	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1471699	247.886	ug/l	97
52) Toluene	7.967	92	385122	48.440	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	248349	48.677	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	269557	49.483	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	165435	50.328	ug/l	99
56) Ethyl methacrylate	8.333	69	292916	53.278	ug/l	93
57) 1,3-Dichloropropane	8.574	76	286211	49.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	154565	354.699	ug/l	95
59) 2-Hexanone	8.684	43	1172815	251.203	ug/l	96
60) Dibromochloromethane	8.809	129	169218	49.504	ug/l	100
61) 1,2-Dibromoethane	8.922	107	177937	49.672	ug/l	99
64) Tetrachloroethene	8.552	164	116223	46.054	ug/l	94
65) Chlorobenzene	9.446	112	398253	49.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	153229	50.497	ug/l	97
67) Ethyl Benzene	9.571	91	729612	49.408	ug/l	97
68) m/p-Xylenes	9.693	106	535417	97.992	ug/l	89
69) o-Xylene	10.098	106	273277	50.381	ug/l	90
70) Styrene	10.115	104	451693	51.826	ug/l	96
71) Bromoform	10.291	173	132927	51.077	ug/l #	100
73) Isopropylbenzene	10.484	105	703008	52.899	ug/l	96
74) N-amyl acetate	10.320	43	385421	54.796	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	298256	52.981	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	336554	53.217	ug/l	97
77) Bromobenzene	10.780	156	168578	51.968	ug/l	83
78) n-propylbenzene	10.906	91	826381	51.174	ug/l	96
79) 2-Chlorotoluene	10.986	91	503503	50.608	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	595325	51.312	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.545	75	90031	52.572	ug/l	95
82) 4-Chlorotoluene	11.095	91	562178	50.241	ug/l	94
83) tert-Butylbenzene	11.420	119	588785	51.595	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	602963	52.901	ug/l	94
85) sec-Butylbenzene	11.642	105	706844	49.266	ug/l	97
86) p-Isopropyltoluene	11.793	119	589050	50.768	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	306586	49.436	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	303728	48.726	ug/l	96
89) n-Butylbenzene	12.208	91	527068	49.072	ug/l	98
90) Hexachloroethane	12.475	117	108224	46.829	ug/l	84
91) 1,2-Dichlorobenzene	12.211	146	314715	50.505	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	78999	54.727	ug/l	82
93) 1,2,4-Trichlorobenzene	13.838	180	208276	49.811	ug/l	97
94) Hexachlorobutadiene	14.021	225	82170	42.509	ug/l	99
95) Naphthalene	14.085	128	840599	57.291	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	220679	51.299	ug/l	95

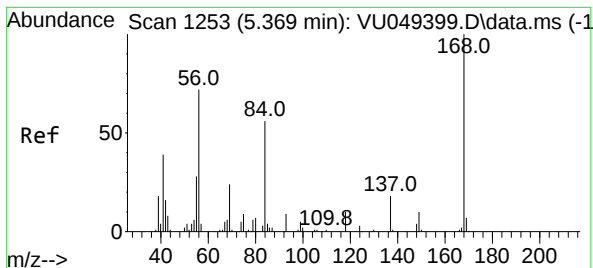
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Quant Title : SW846 8260
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Response via : Initial Calibration

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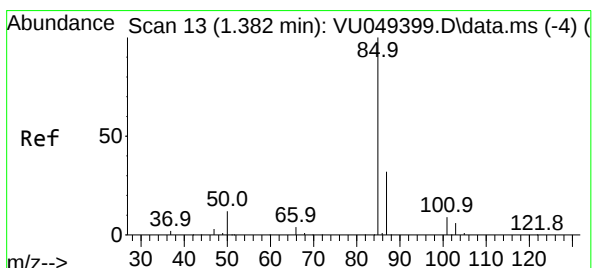
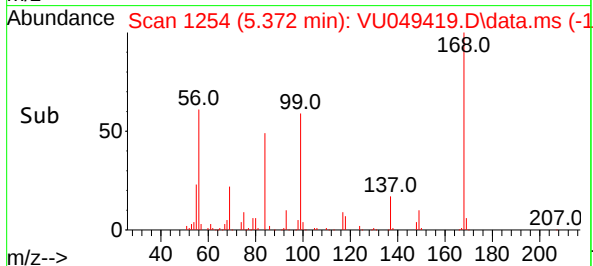
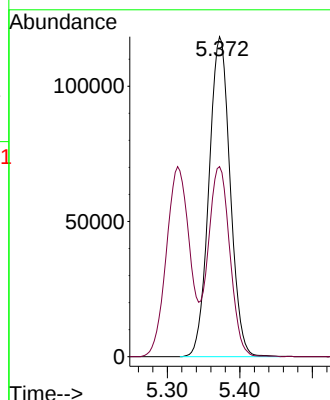
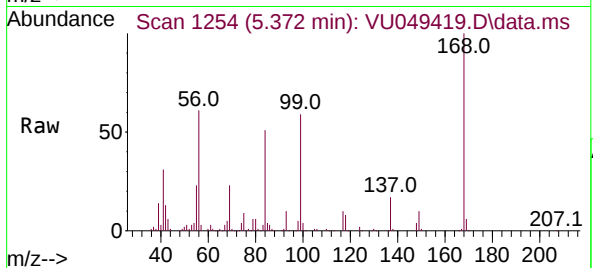
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049419.D
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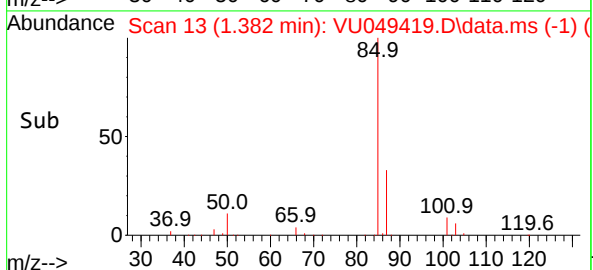
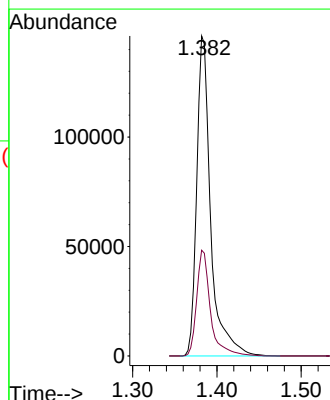
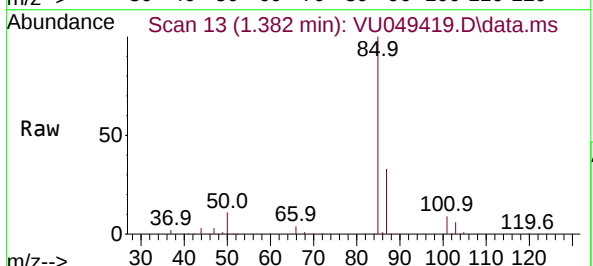
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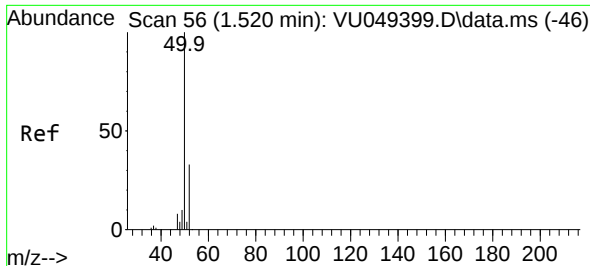
Tgt Ion:168 Resp: 240130
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 43.520 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 85 Resp: 167931
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2

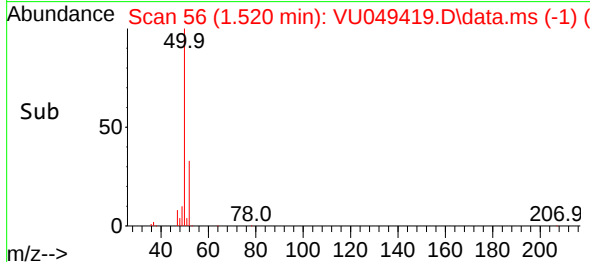
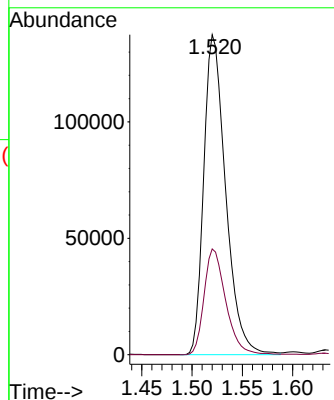
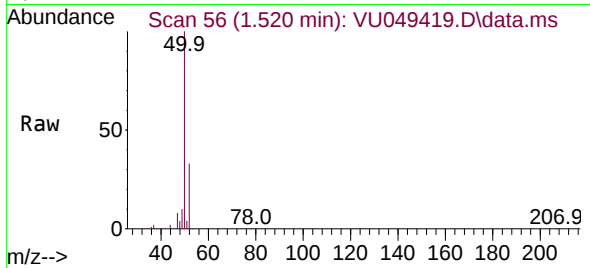




#3
Chloromethane
Concen: 44.069 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

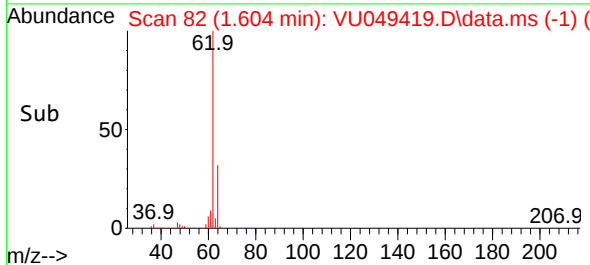
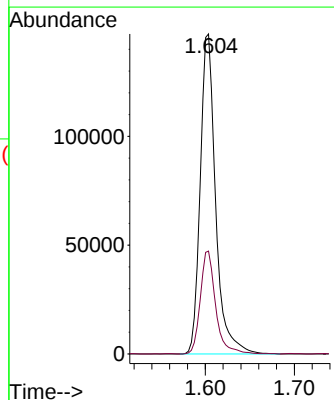
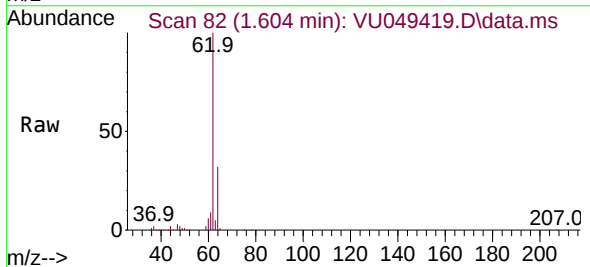
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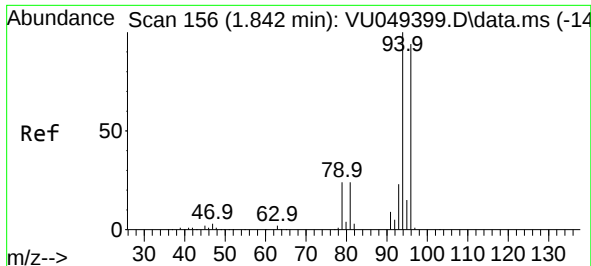
Tgt Ion: 50 Resp: 208386
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.2



#4
Vinyl Chloride
Concen: 45.558 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 62 Resp: 176987
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

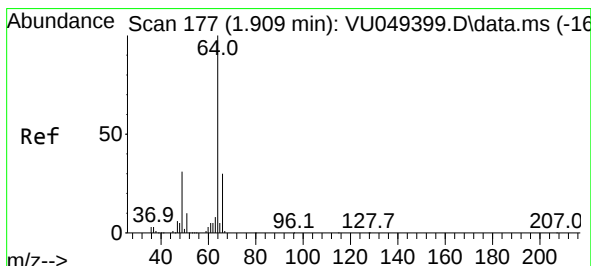
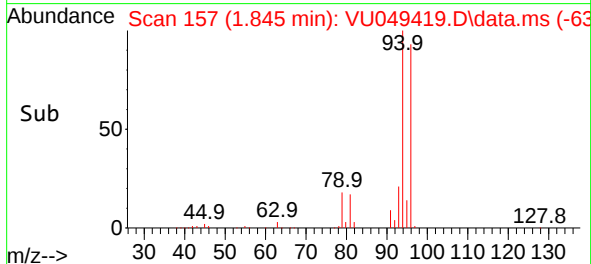
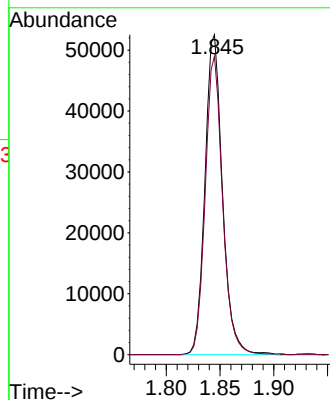
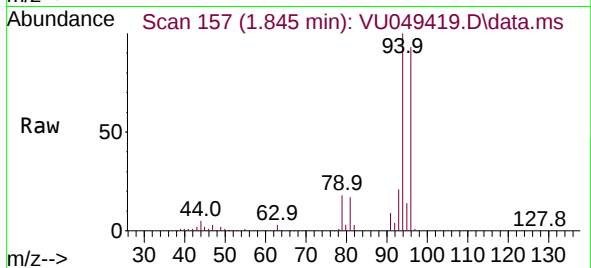




#5
Bromomethane
Concen: 49.426 ug/l
RT: 1.845 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

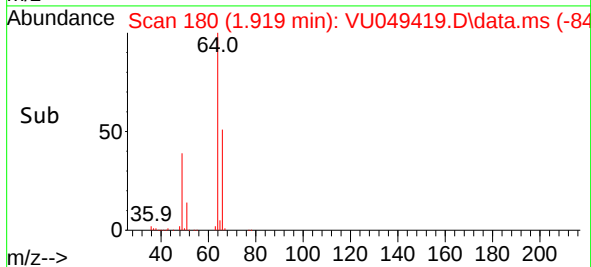
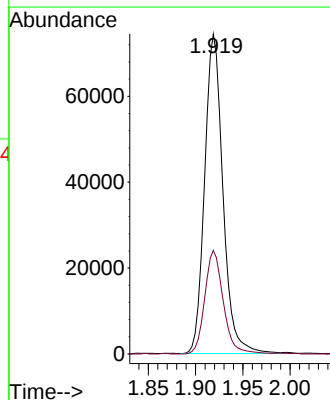
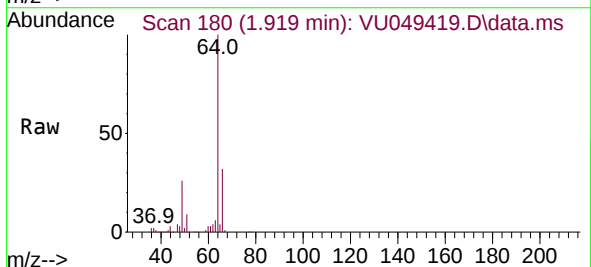
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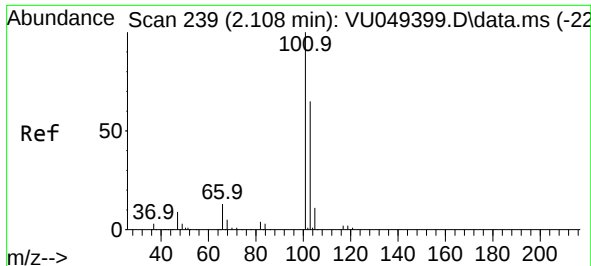
Tgt Ion: 94 Resp: 59706
Ion Ratio Lower Upper
94 100
96 93.3 73.7 110.5



#6
Chloroethane
Concen: 55.664 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 64 Resp: 100162
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

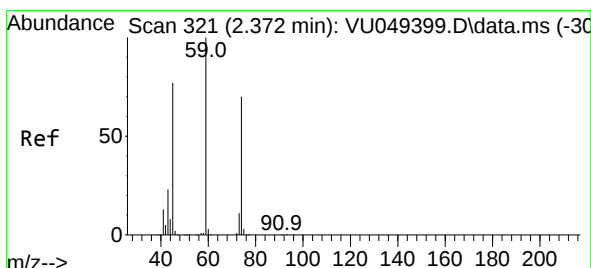
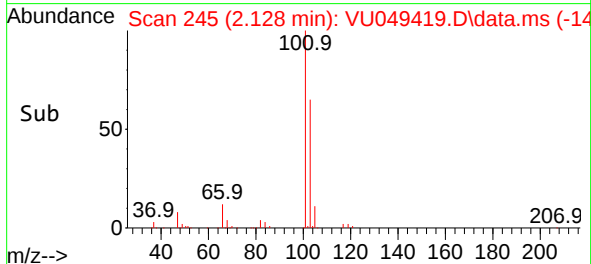
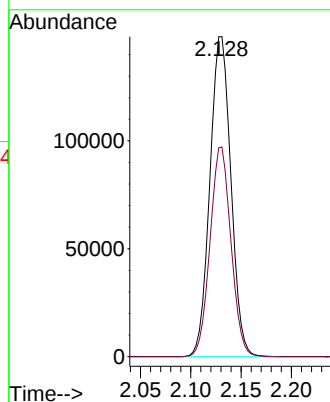
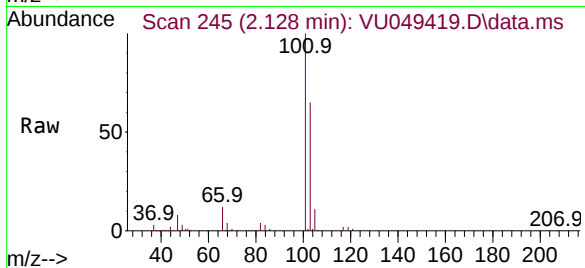




#7
Trichlorofluoromethane
Concen: 43.563 ug/l
RT: 2.128 min Scan# 24
Delta R.T. 0.019 min
Lab File: VU049419.D
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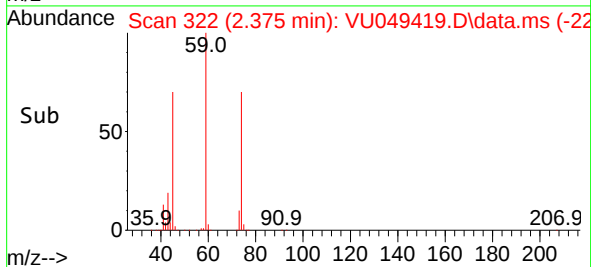
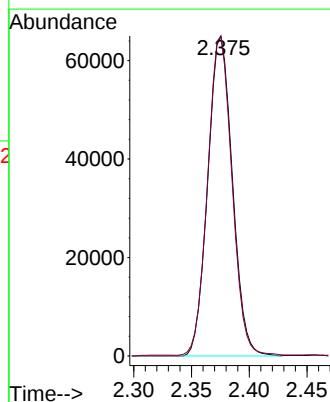
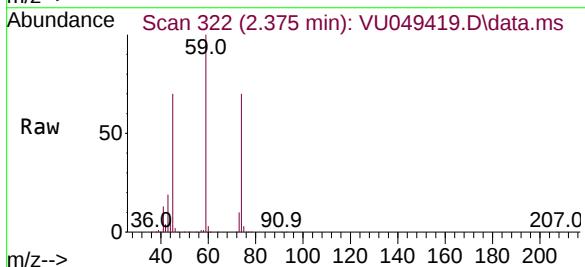
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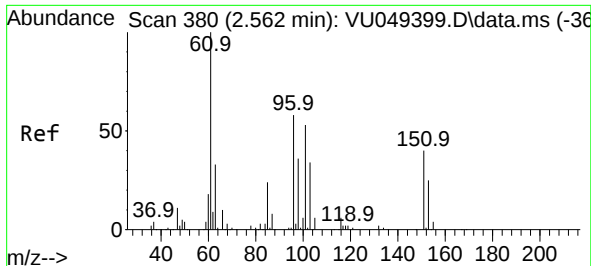
Tgt Ion:101 Resp: 215686
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8



#8
Diethyl Ether
Concen: 53.775 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 74 Resp: 96174
Ion Ratio Lower Upper
74 100
45 98.6 44.4 133.2

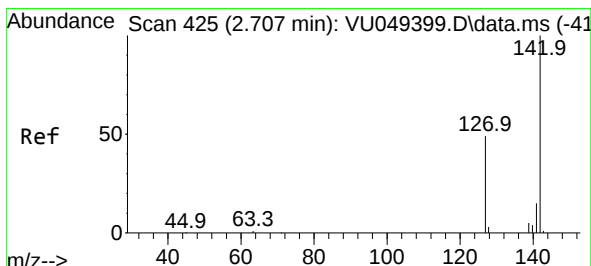
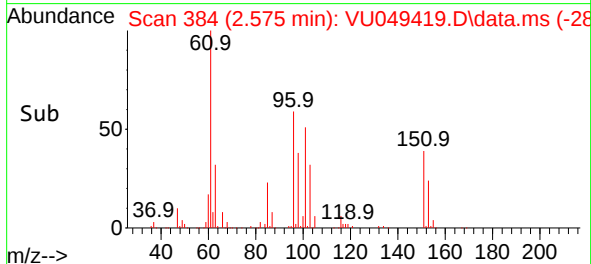
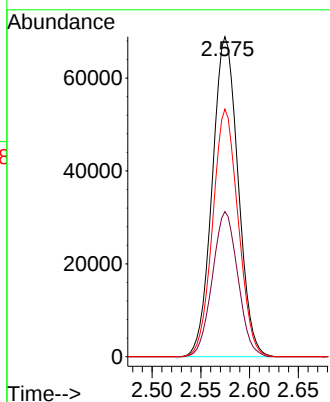
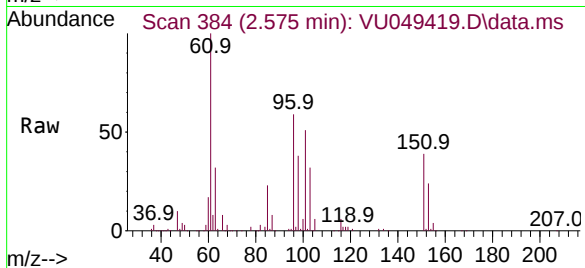




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.715 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
Lab File: VU049419.D
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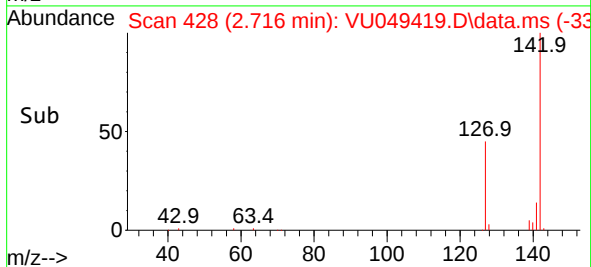
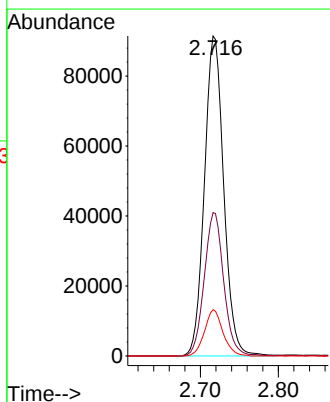
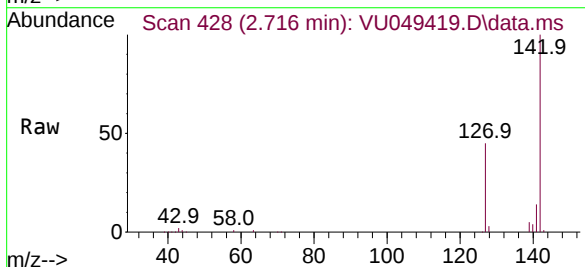
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ClientSampleId :
VSTDCCC050

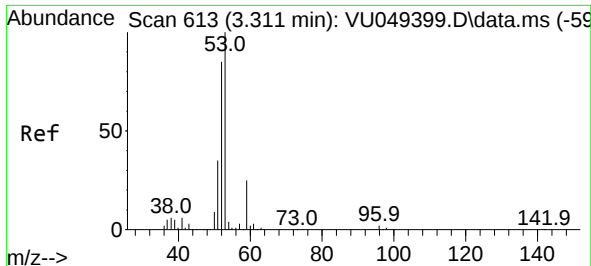
Tgt Ion:101 Resp: 127107
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 76.4 64.0 96.0



#10
Methyl Iodide
Concen: 58.586 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion:142 Resp: 157346
Ion Ratio Lower Upper
142 100
127 45.2 32.5 48.7
141 13.8 11.4 17.0

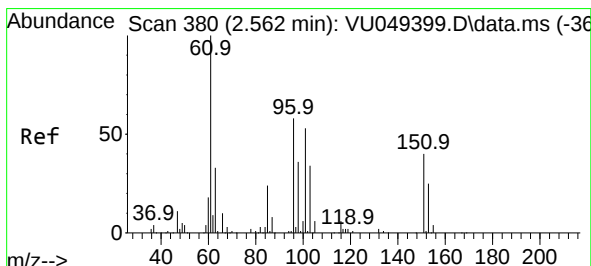
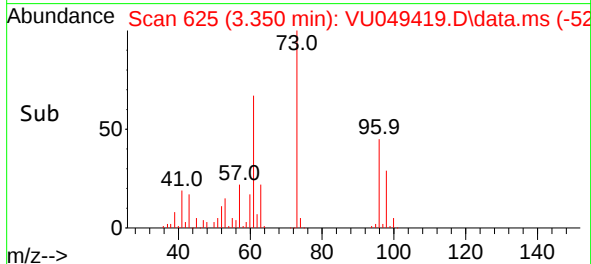
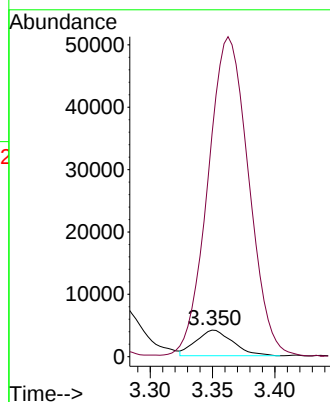
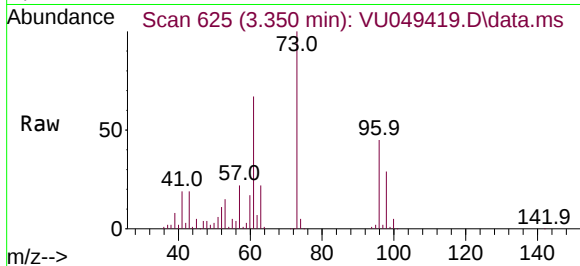




#11
Tert butyl alcohol
Concen: 9.732 ug/l
RT: 3.350 min Scan# 613
Delta R.T. 0.039 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

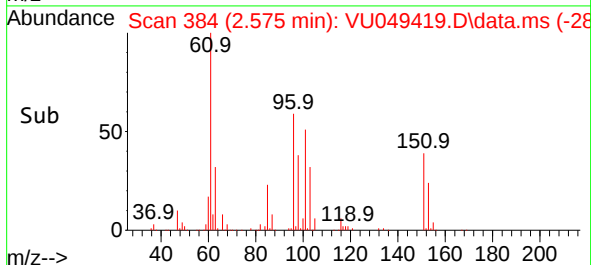
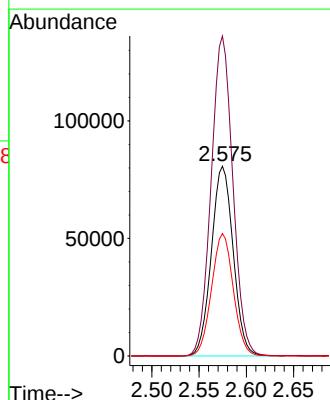
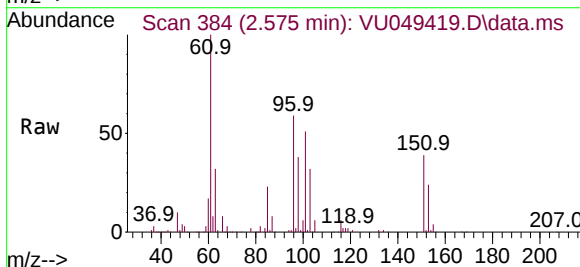
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

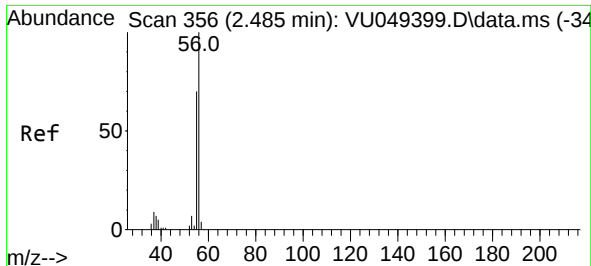
Tgt Ion: 59 Resp: 8424
Ion Ratio Lower Upper
59 100
57 1385.6 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 49.752 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.013 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 96 Resp: 129760
Ion Ratio Lower Upper
96 100
61 168.7 122.2 183.2
98 64.5 50.7 76.1





#13

Acrolein

Concen: 215.550 ug/l

RT: 2.485 min Scan# 356

Delta R.T. -0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

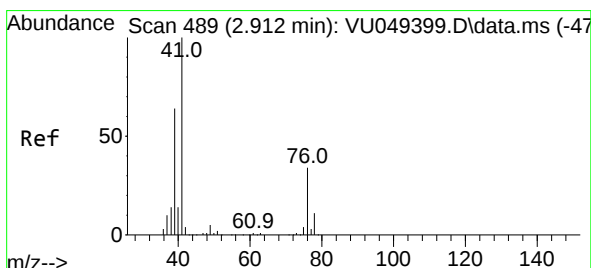
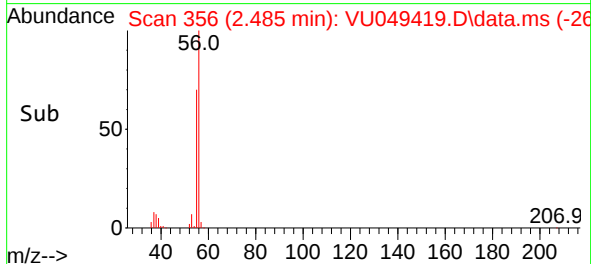
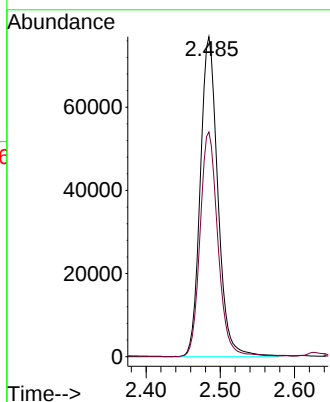
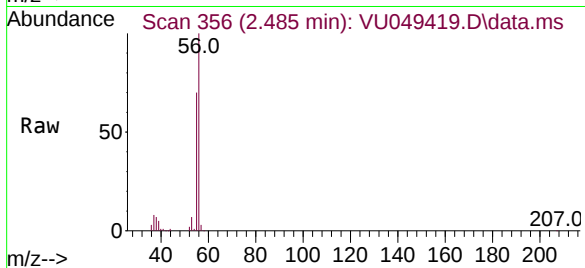
VSTDCCC050

Tgt Ion: 56 Resp: 126352

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 50.801 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.006 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

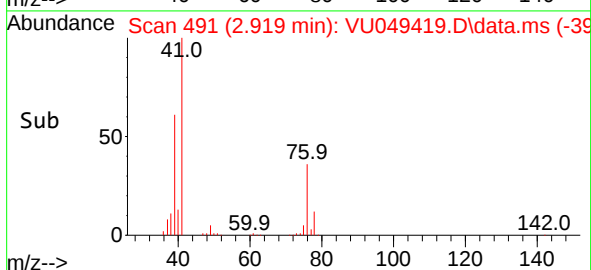
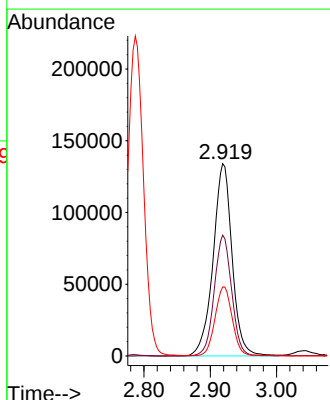
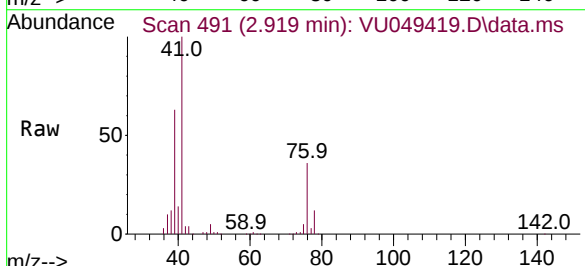
Tgt Ion: 41 Resp: 267774

Ion Ratio Lower Upper

41 100

39 57.4 53.4 80.2

76 32.1 33.8 50.6#

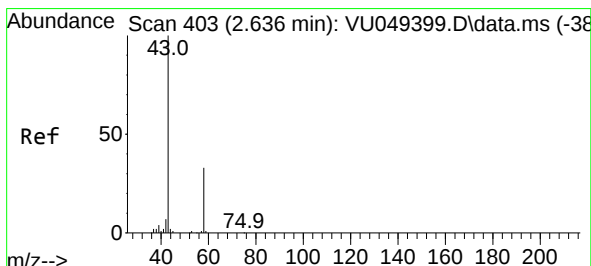
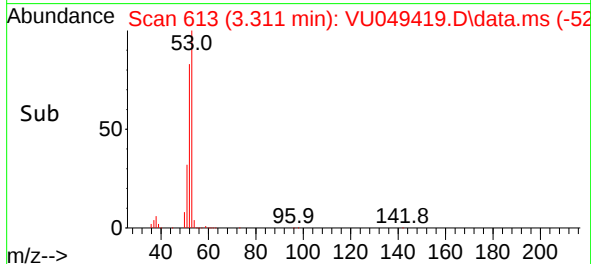
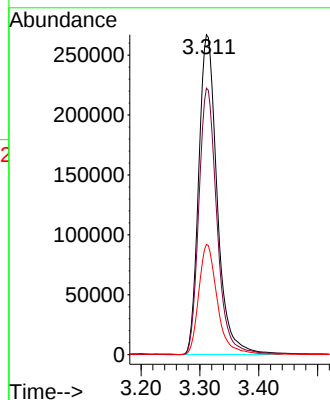
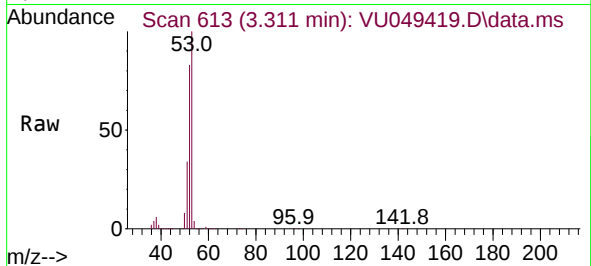




#15
Acrylonitrile
Concen: 279.240 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

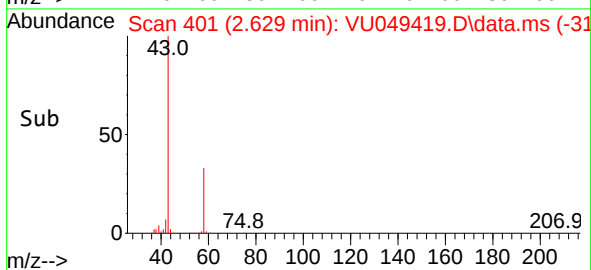
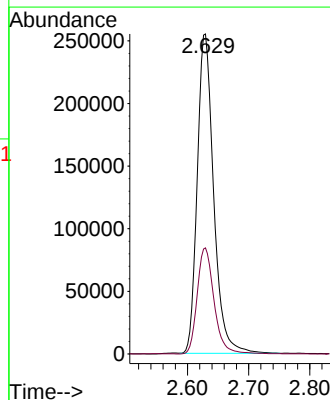
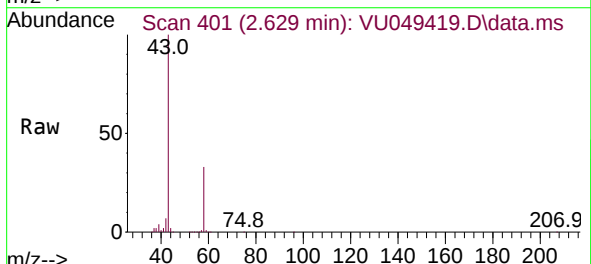
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

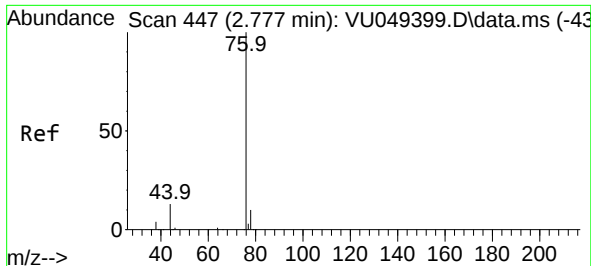
Tgt Ion: 53 Resp: 581321
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 34.6 28.2 42.4



#16
Acetone
Concen: 254.747 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 43 Resp: 475092
Ion Ratio Lower Upper
43 100
58 33.2 27.5 41.3

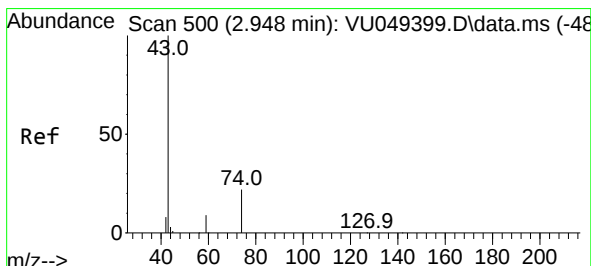
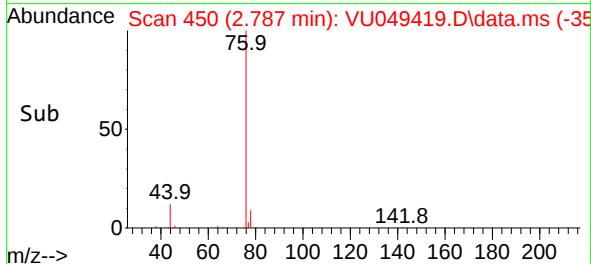
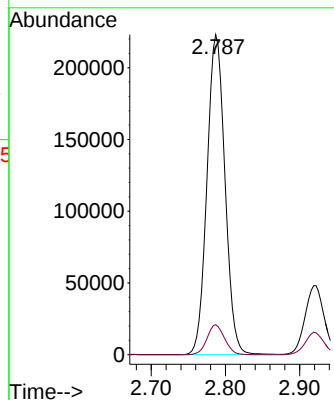
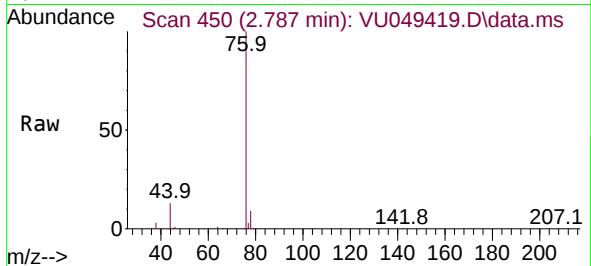




#17
Carbon Disulfide
Concen: 46.068 ug/l
RT: 2.787 min Scan# 447
Delta R.T. 0.010 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

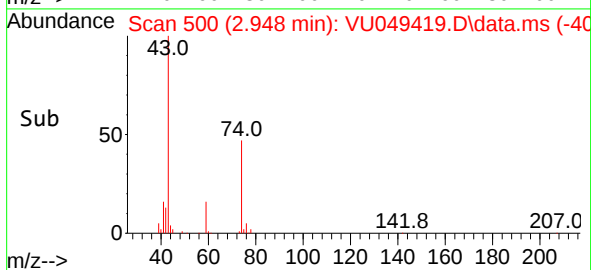
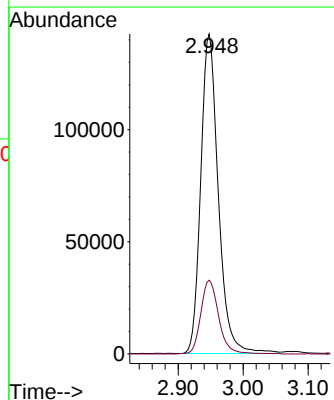
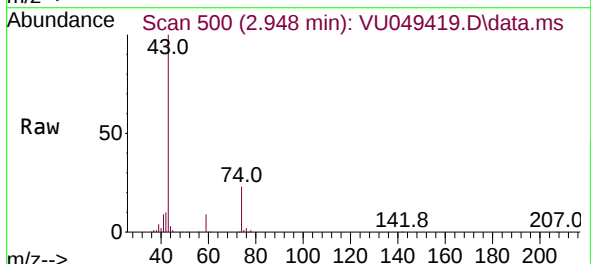
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

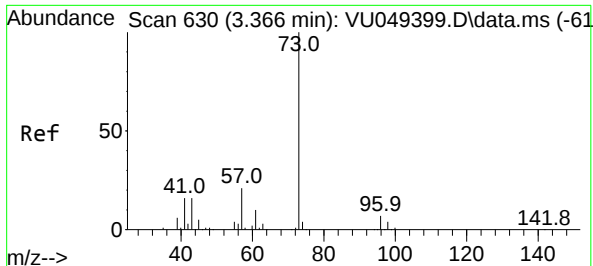
Tgt Ion: 76 Resp: 374701
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 53.146 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 43 Resp: 268308
Ion Ratio Lower Upper
43 100
74 23.5 22.5 33.7

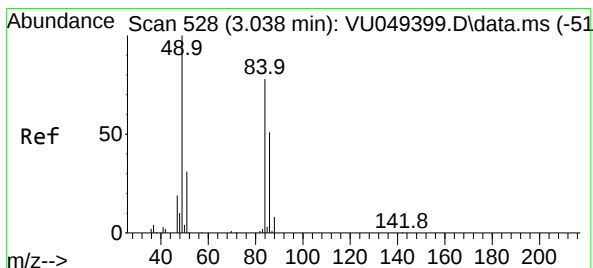
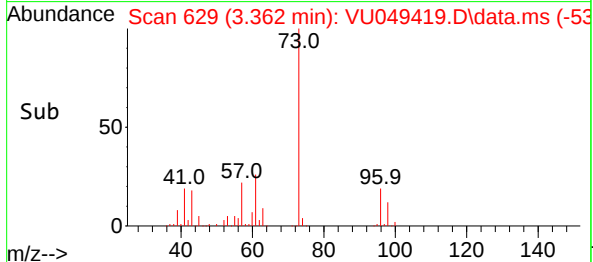
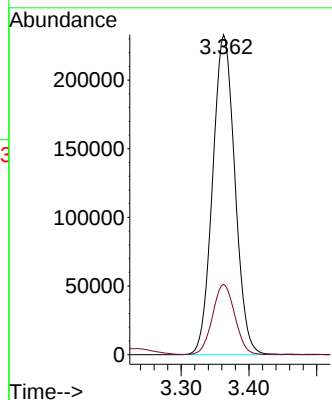
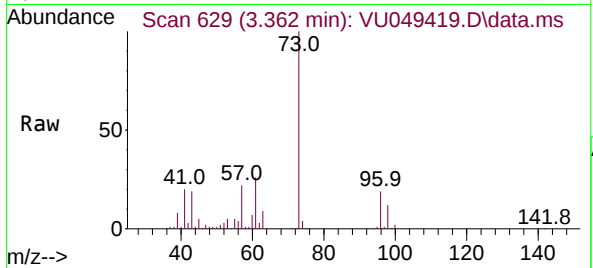




#19
Methyl tert-butyl Ether
Concen: 54.863 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

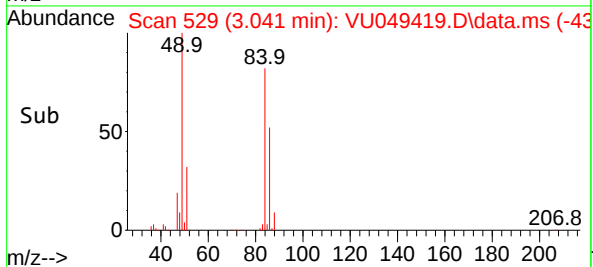
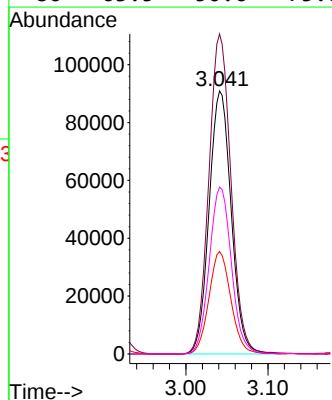
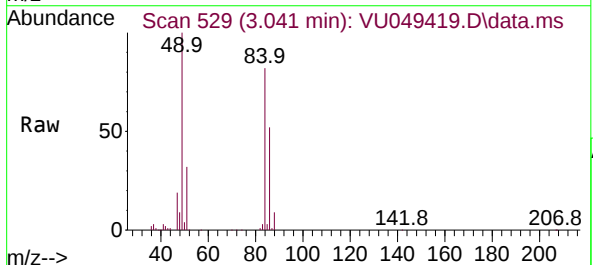
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

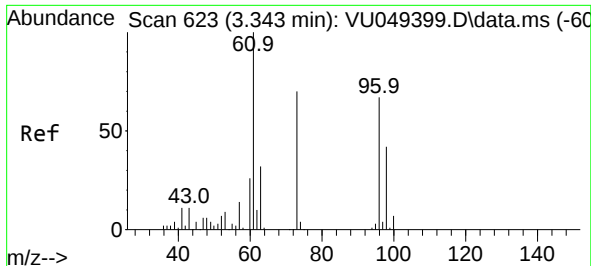
Tgt Ion: 73 Resp: 532182
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 54.958 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 84 Resp: 170389
Ion Ratio Lower Upper
84 100
49 121.6 86.6 129.8
51 38.9 26.6 40.0
86 63.5 50.6 75.8

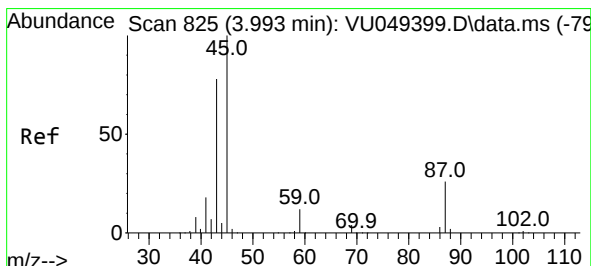
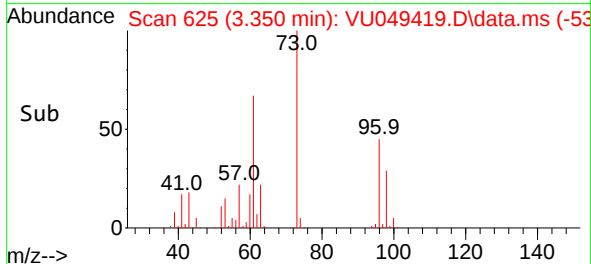
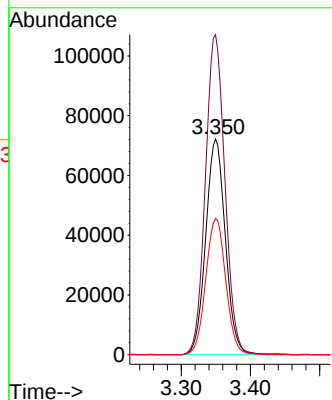
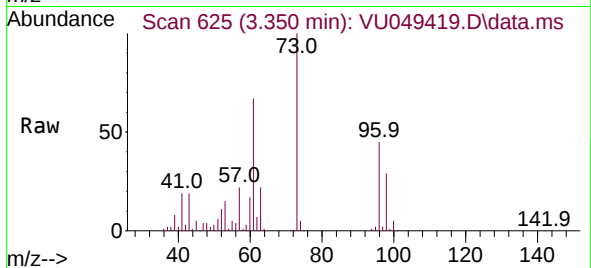




#21
trans-1,2-Dichloroethene
Concen: 50.578 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

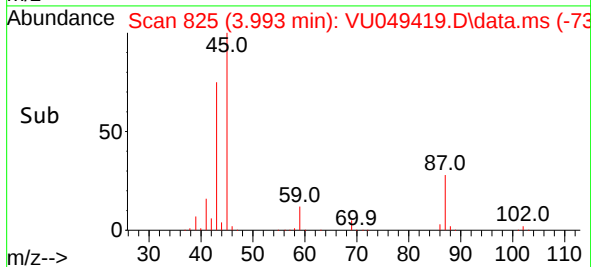
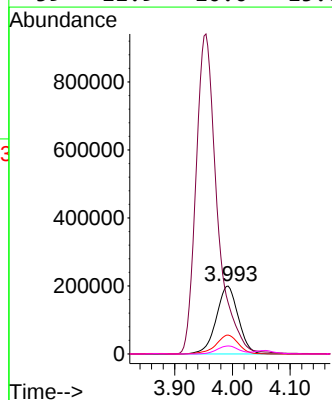
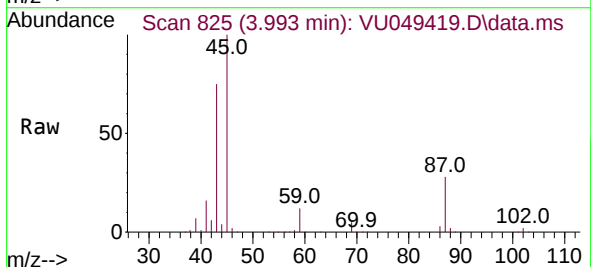
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

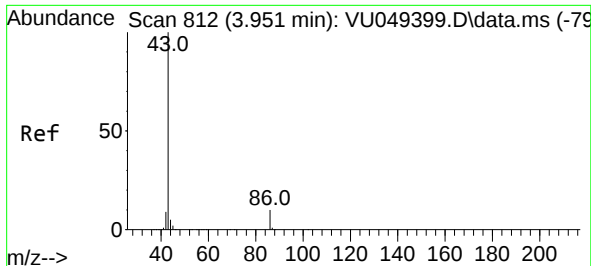
Tgt Ion: 96 Resp: 142201
Ion Ratio Lower Upper
96 100
61 148.3 106.1 159.1
98 63.2 50.8 76.2



#22
Diisopropyl ether
Concen: 52.518 ug/l
RT: 3.993 min Scan# 825
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 45 Resp: 528534
Ion Ratio Lower Upper
45 100
43 74.0 92.9 139.3#
87 27.8 26.2 39.2
59 11.9 10.0 15.0

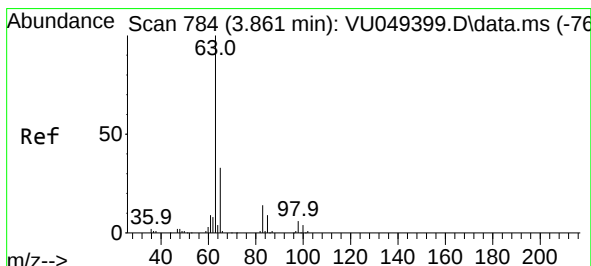
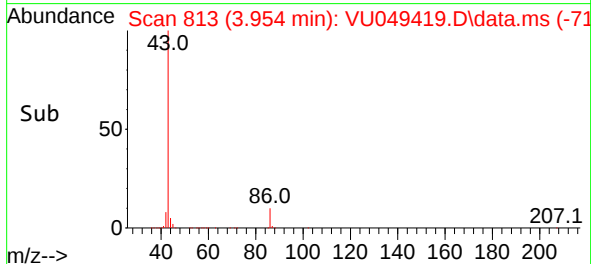
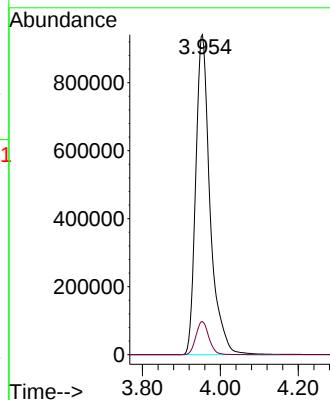
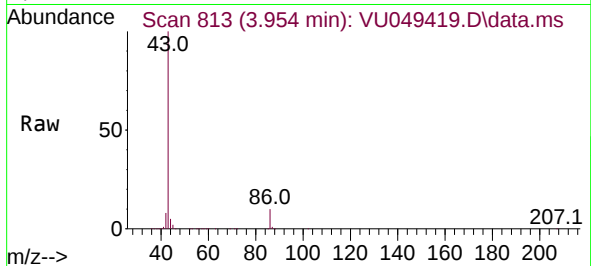




#23
 Vinyl Acetate
 Concen: 272.459 ug/l
 RT: 3.954 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

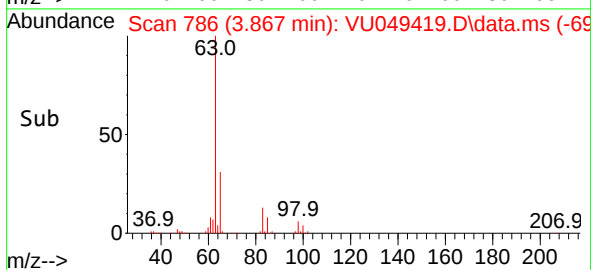
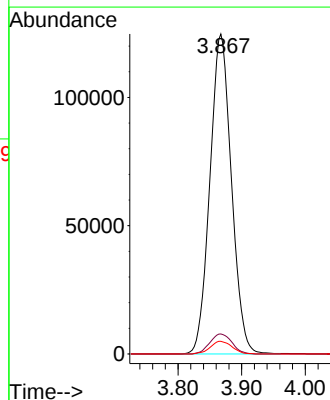
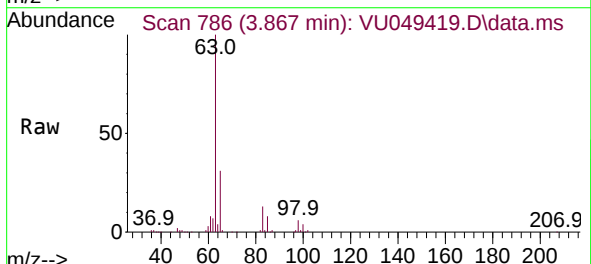
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

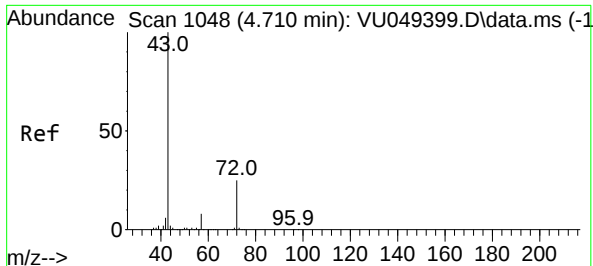
Tgt Ion: 43 Resp: 2403344
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 50.703 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

Tgt Ion: 63 Resp: 293104
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 282.697 ug/l

RT: 4.700 min Scan# 1048

Delta R.T. -0.010 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

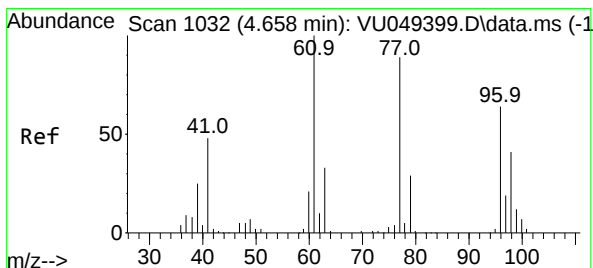
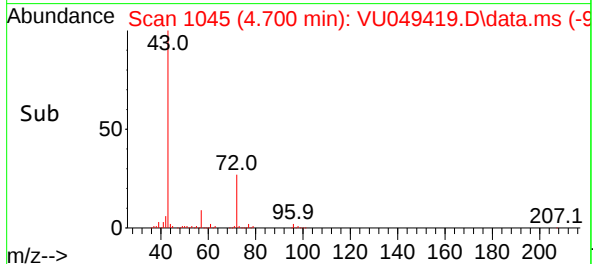
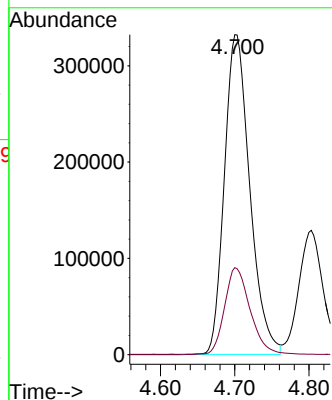
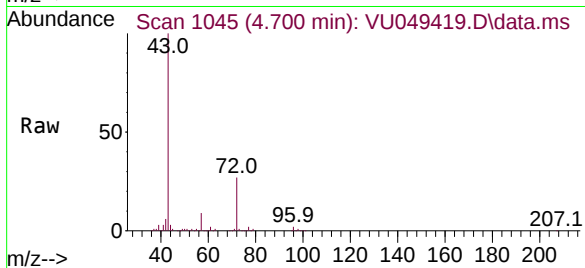
VSTDCCC050

Tgt Ion: 43 Resp: 790111

Ion Ratio Lower Upper

43 100

72 27.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 40.986 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049419.D

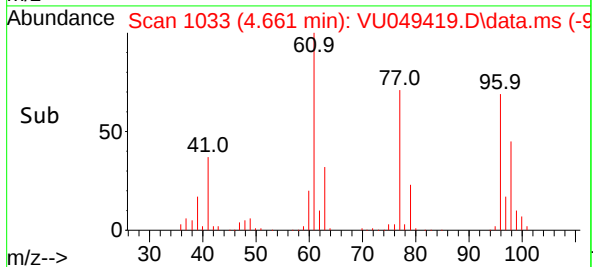
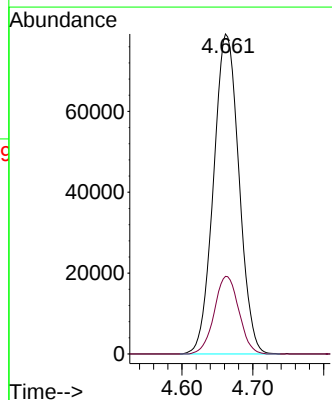
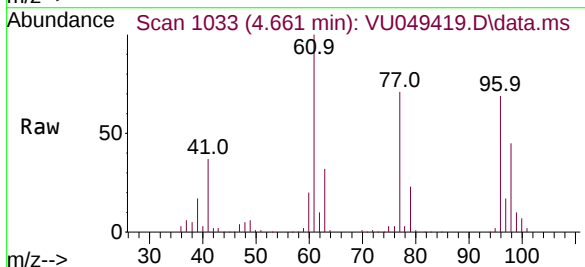
Acq: 27 Jun 2022 21:58

Tgt Ion: 77 Resp: 197197

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8

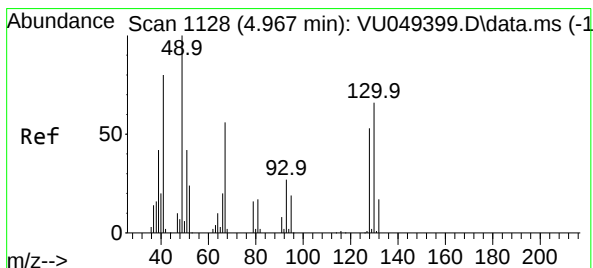
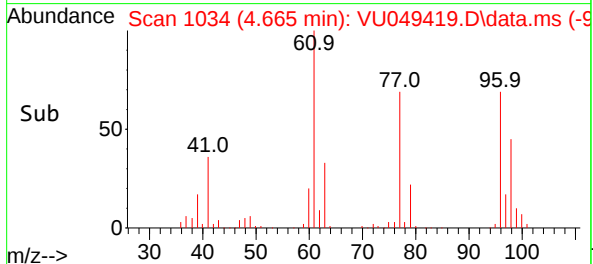
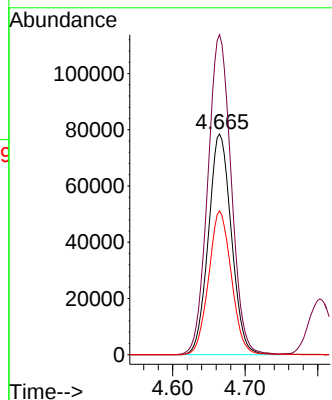
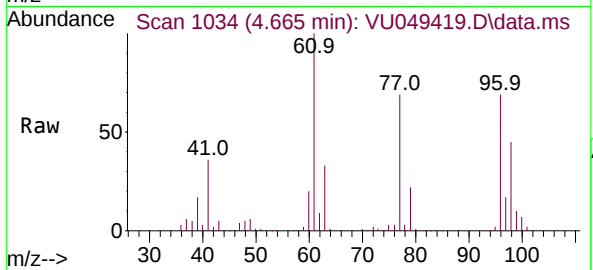




#27
 cis-1,2-Dichloroethene
 Concen: 53.257 ug/l
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

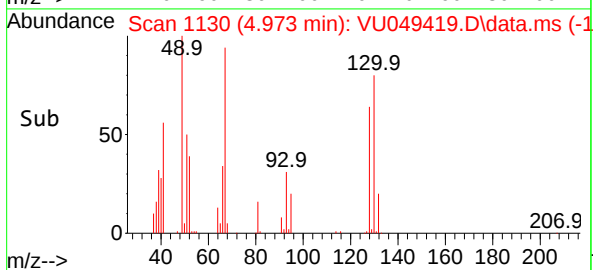
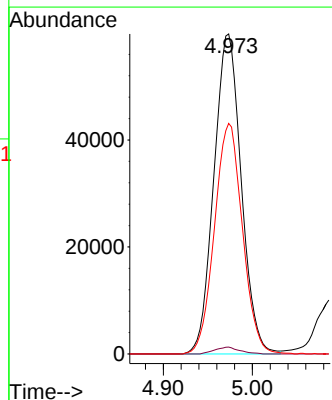
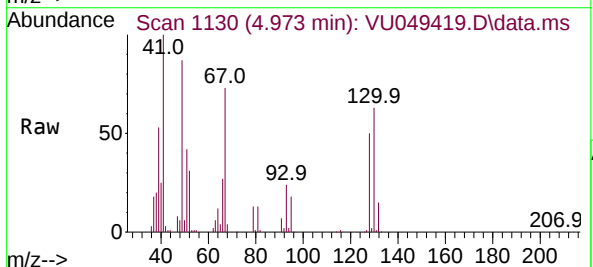
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

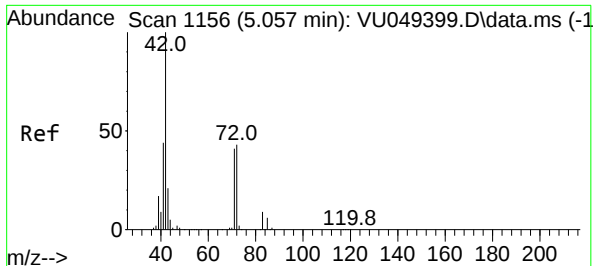
Tgt Ion: 96 Resp: 173002
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 271.6
 98 64.3 0.0 128.2



#28
 Bromochloromethane
 Concen: 50.524 ug/l
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

Tgt Ion: 49 Resp: 127665
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 73.6 76.9 115.3#





#29

Tetrahydrofuran

Concen: 273.781 ug/l

RT: 5.050 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

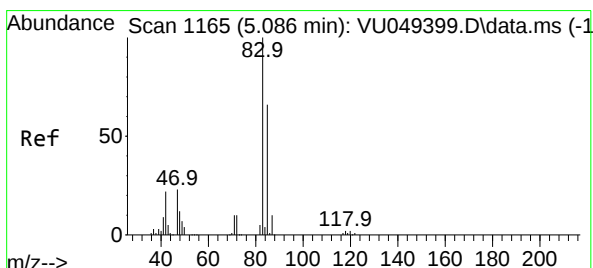
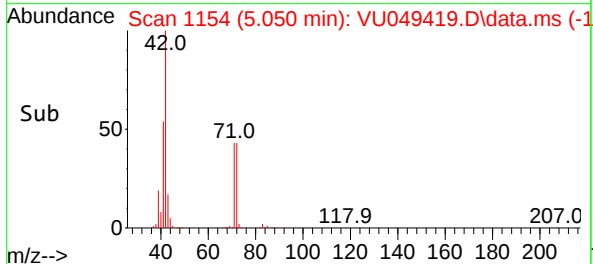
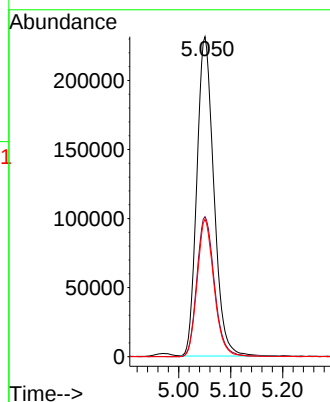
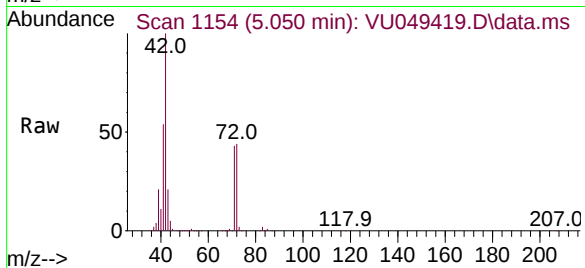
Tgt Ion: 42 Resp: 524929

Ion Ratio Lower Upper

42 100

72 45.2 42.6 63.8

71 42.7 40.3 60.5



#30

Chloroform

Concen: 50.137 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049419.D

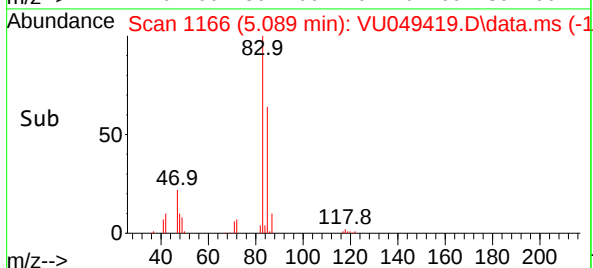
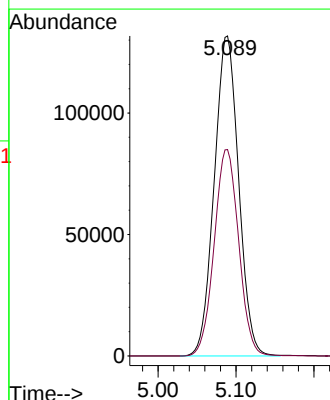
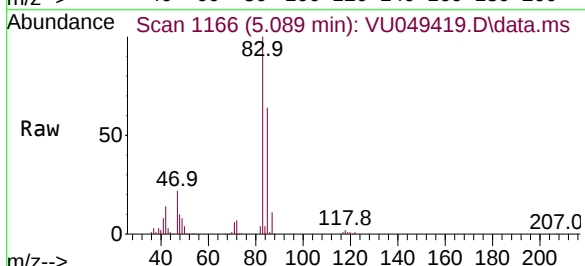
Acq: 27 Jun 2022 21:58

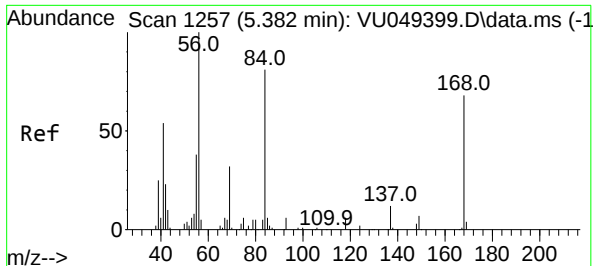
Tgt Ion: 83 Resp: 286704

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8





#31

Cyclohexane

Concen: 45.738 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

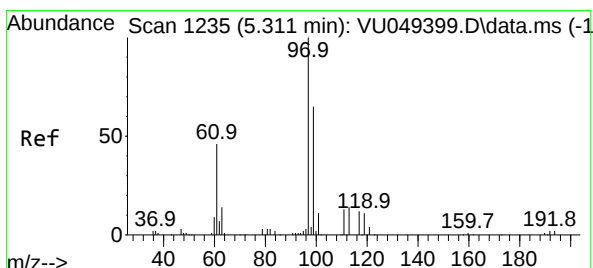
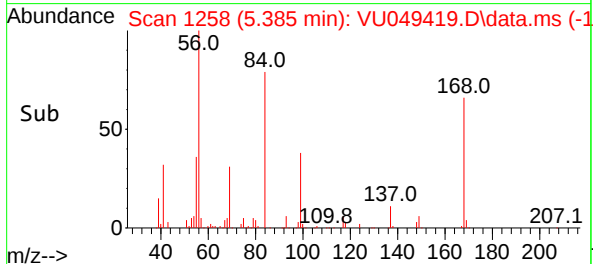
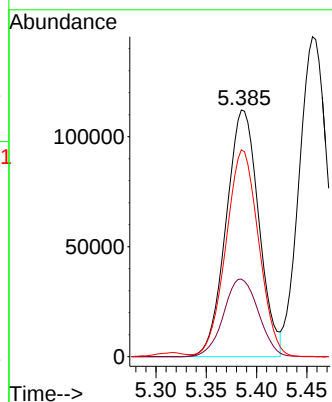
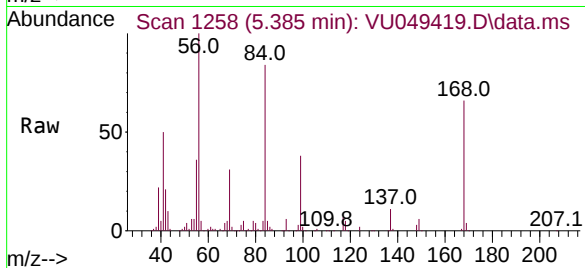
Tgt Ion: 56 Resp: 253980

Ion Ratio Lower Upper

56 100

69 31.5 27.8 41.8

84 82.5 74.2 111.4



#32

1,1,1-Trichloroethane

Concen: 49.070 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

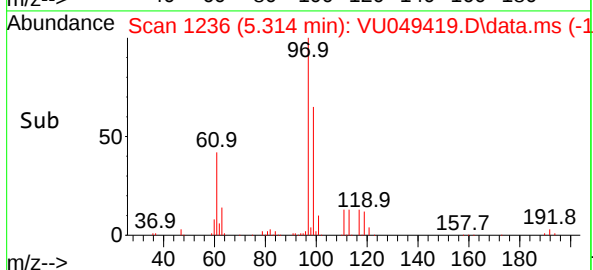
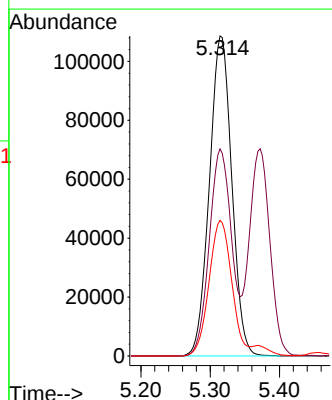
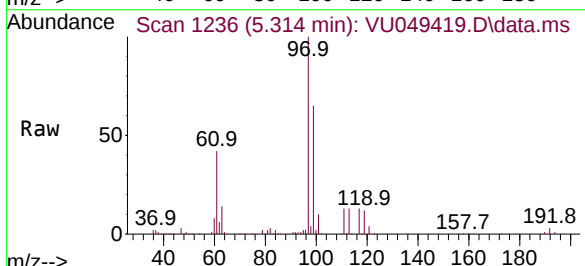
Tgt Ion: 97 Resp: 243464

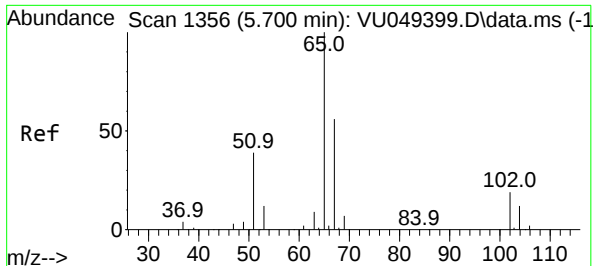
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

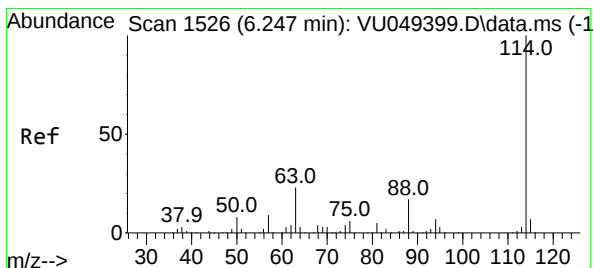
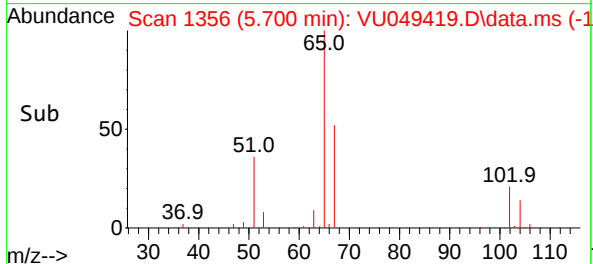
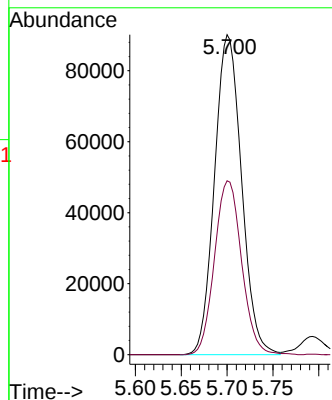
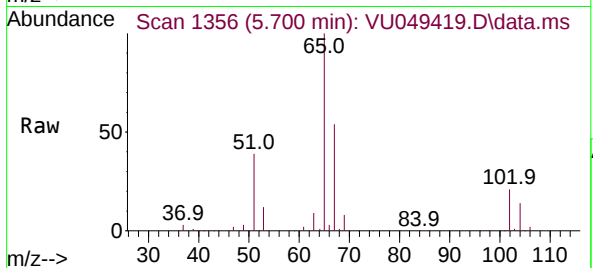
VSTDCCC050

Tgt Ion: 65 Resp: 184869

Ion Ratio Lower Upper

65 100

67 54.5 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: VU049419.D

Acq: 27 Jun 2022 21:58

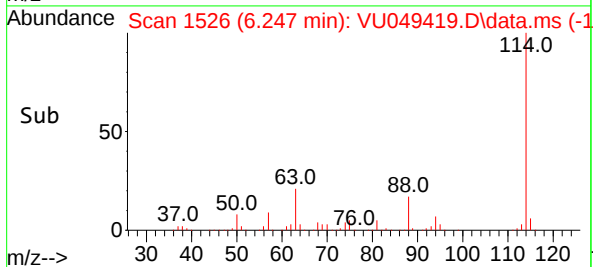
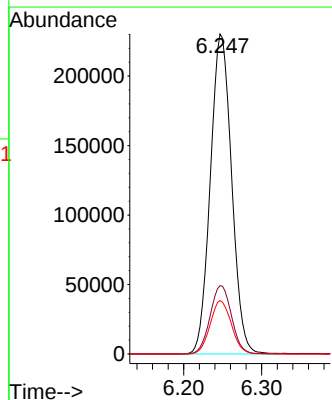
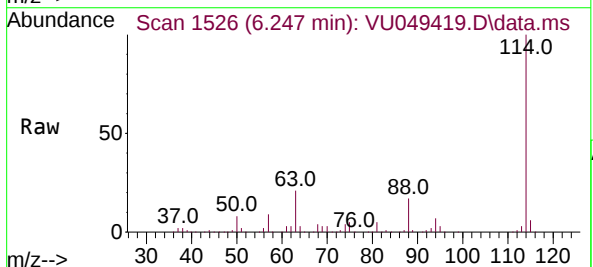
Tgt Ion: 114 Resp: 436745

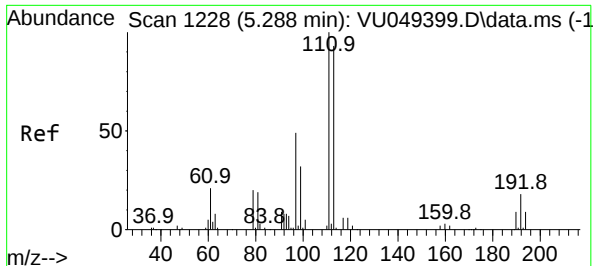
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

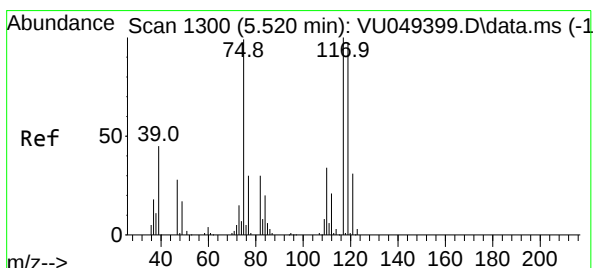
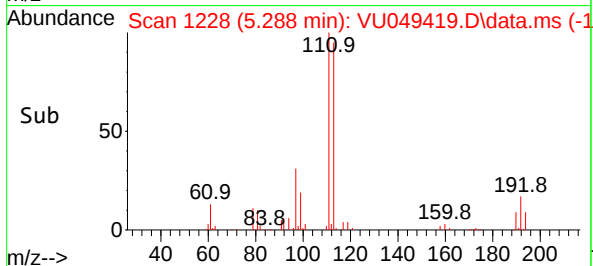
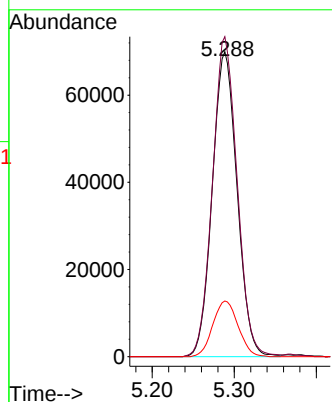
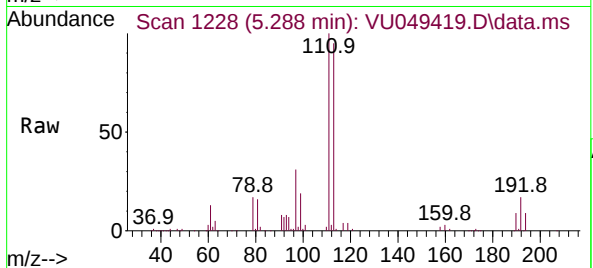
Tgt Ion:113 Resp: 146828

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 18.7 18.0 27.0



#36

1,1-Dichloropropene

Concen: 45.027 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

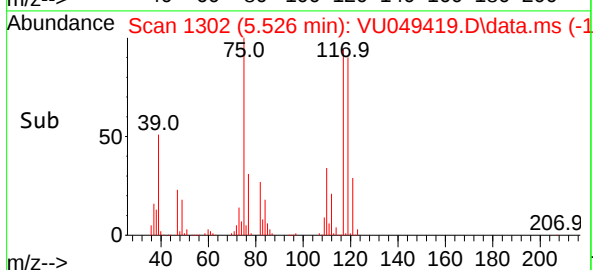
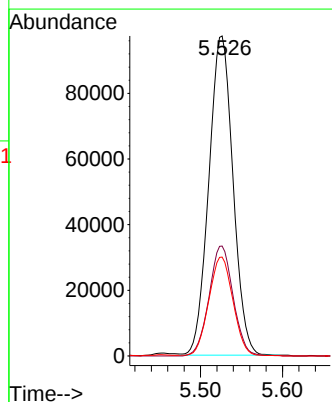
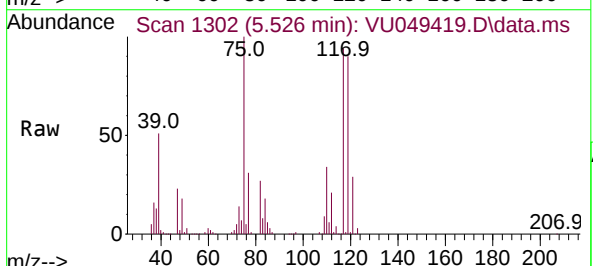
Tgt Ion: 75 Resp: 199494

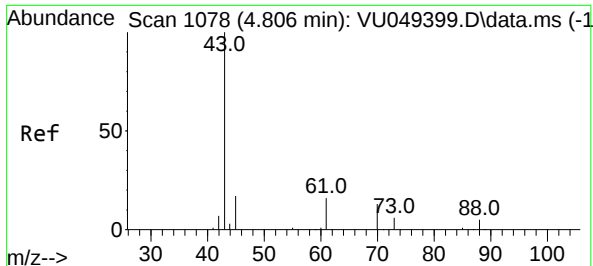
Ion Ratio Lower Upper

75 100

110 34.2 18.4 55.2

77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 48.628 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

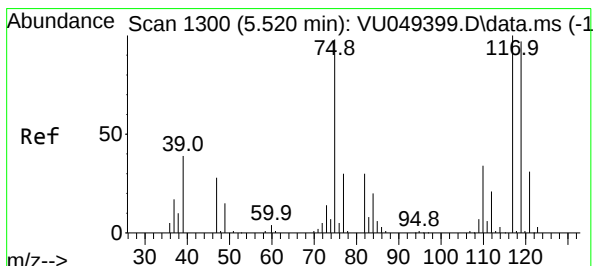
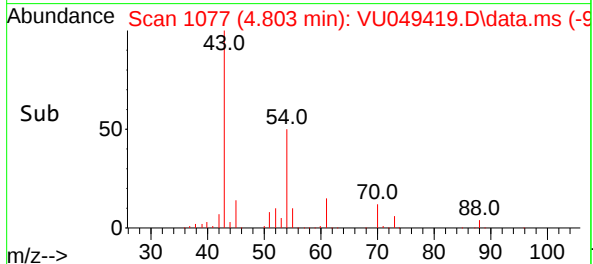
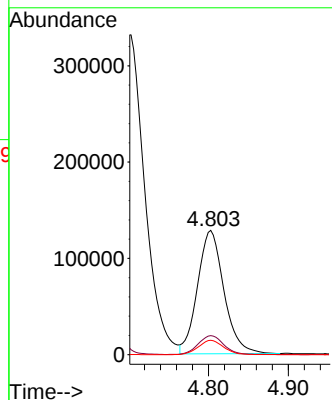
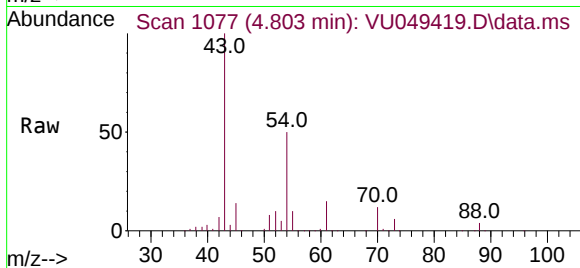
Tgt Ion: 43 Resp: 294404

Ion Ratio Lower Upper

43 100

61 14.9 9.5 14.3#

70 11.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 44.396 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

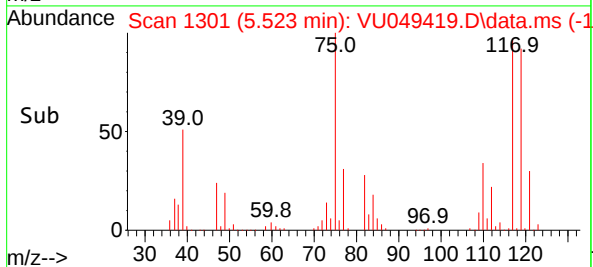
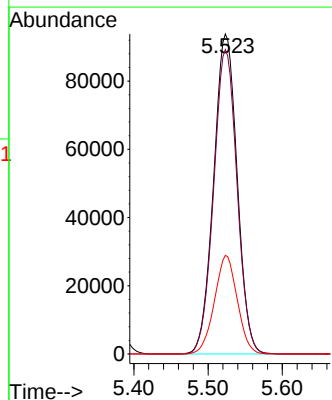
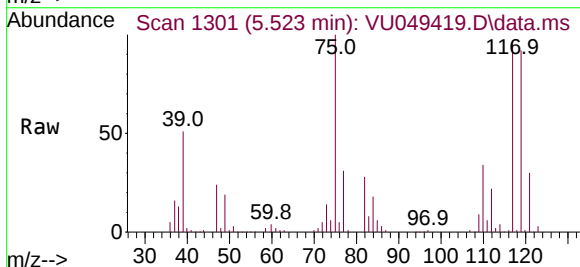
Tgt Ion: 117 Resp: 206284

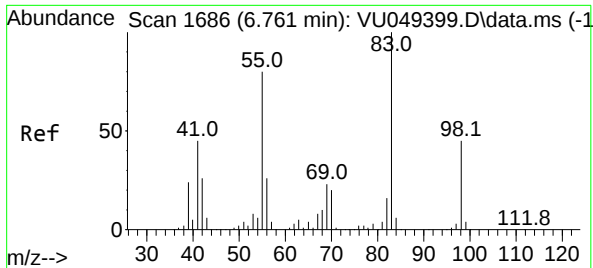
Ion Ratio Lower Upper

117 100

119 95.1 76.8 115.2

121 30.8 24.7 37.1

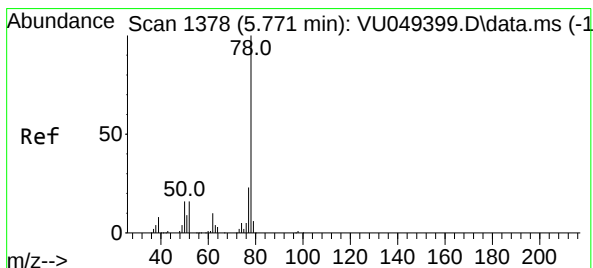
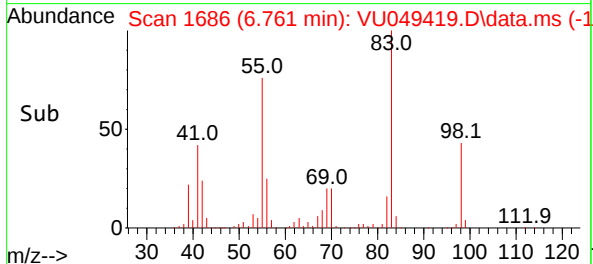
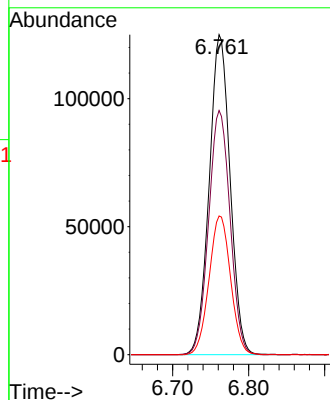
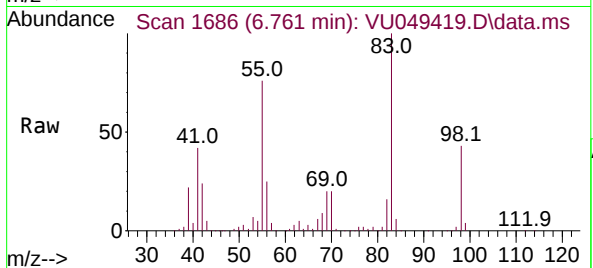




#39
Methylcyclohexane
Concen: 45.023 ug/l
RT: 6.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

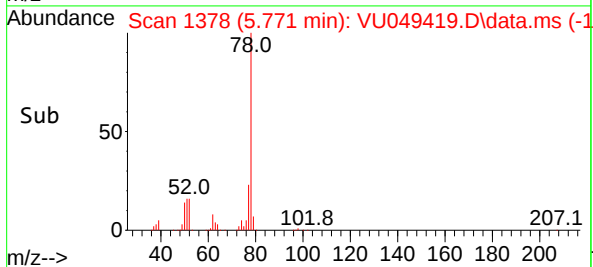
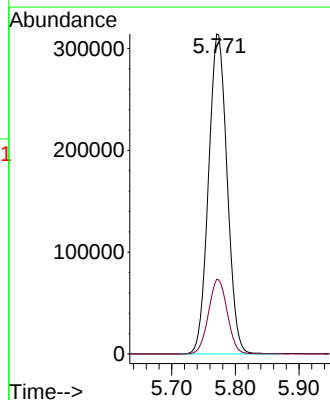
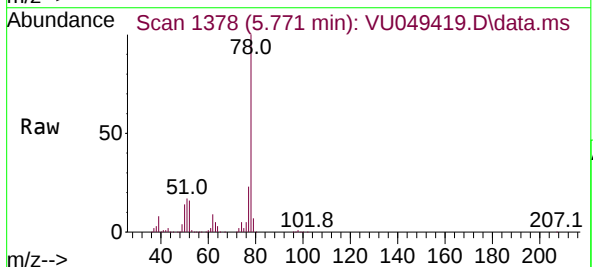
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

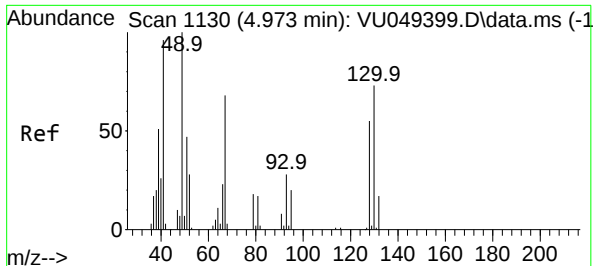
Tgt Ion: 83 Resp: 239102
Ion Ratio Lower Upper
83 100
55 76.3 55.3 82.9
98 43.4 37.3 55.9



#40
Benzene
Concen: 47.759 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 78 Resp: 638851
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



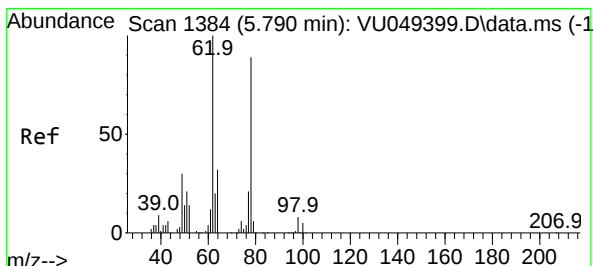
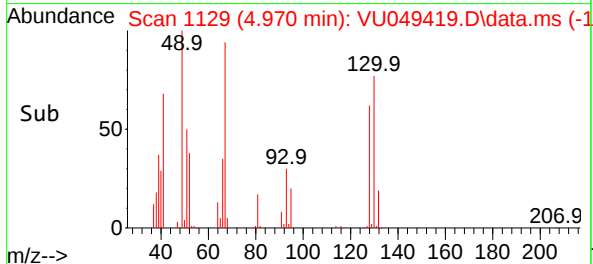
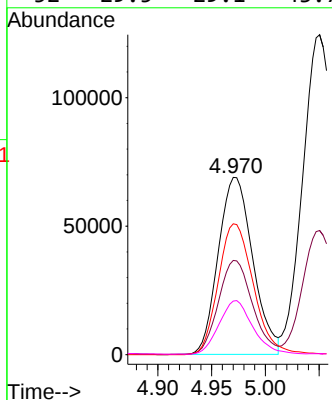
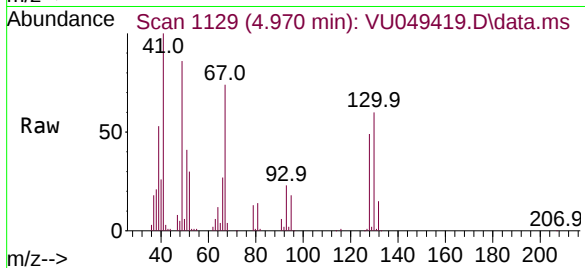


#41
Methacrylonitrile
Concen: 50.712 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 153840

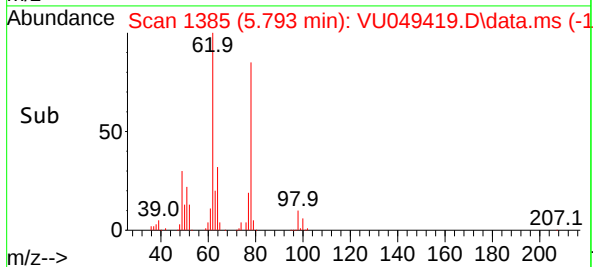
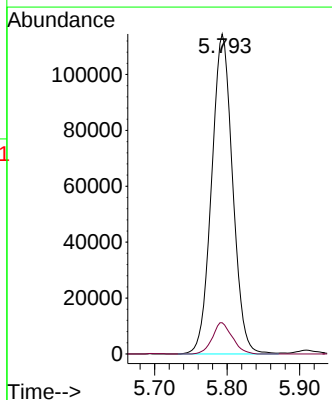
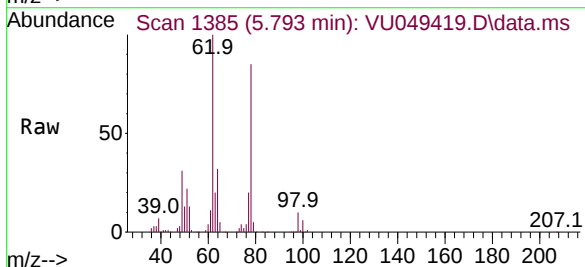
Ion	Ratio	Lower	Upper
41	100		
39	52.4	43.1	64.7
67	75.9	72.3	108.5
52	29.5	29.1	43.7

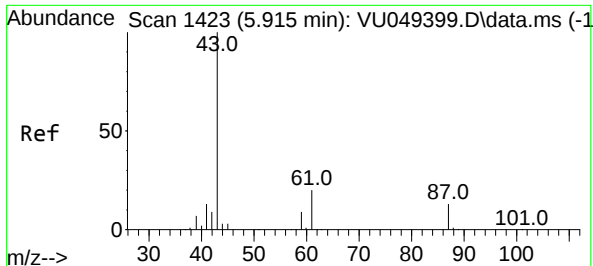


#42
1,2-Dichloroethane
Concen: 46.317 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 62 Resp: 230589

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 50.258 ug/l

RT: 5.912 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

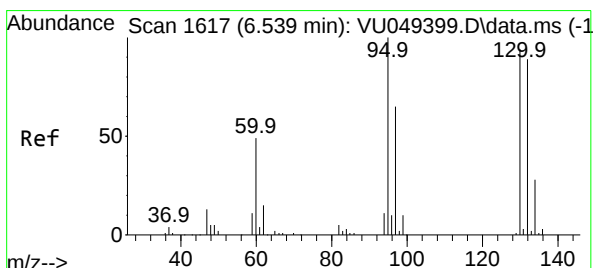
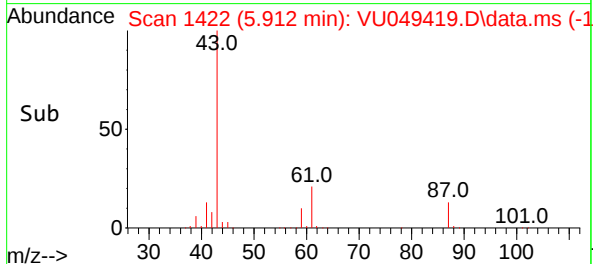
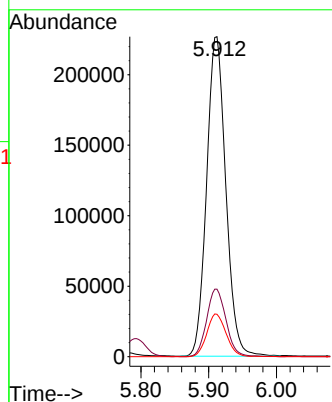
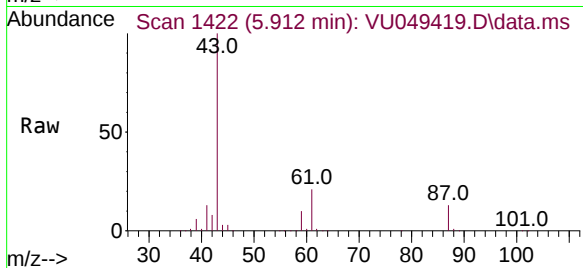
Tgt Ion: 43 Resp: 445840

Ion Ratio Lower Upper

43 100

61 21.4 17.4 26.0

87 13.4 12.6 18.8



#44

Trichloroethene

Concen: 47.022 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049419.D

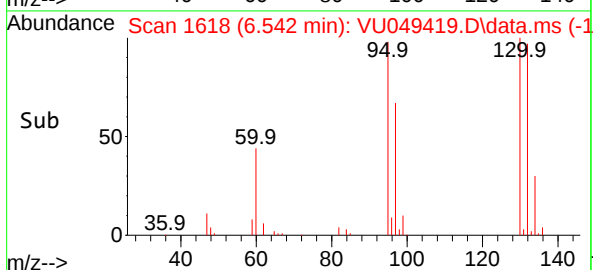
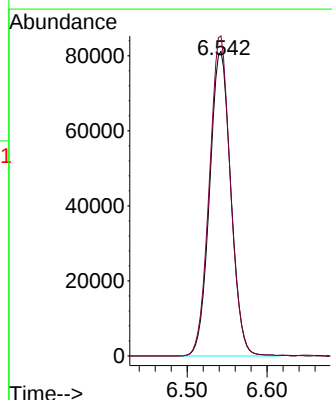
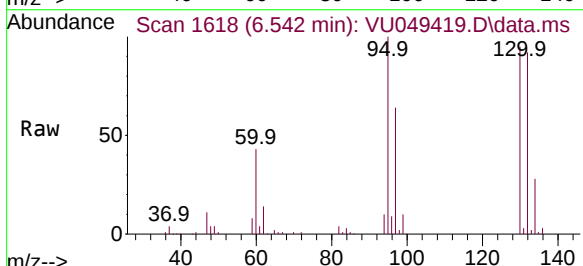
Acq: 27 Jun 2022 21:58

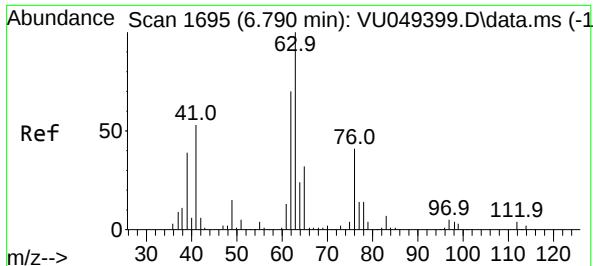
Tgt Ion:130 Resp: 149523

Ion Ratio Lower Upper

130 100

95 105.1 0.0 184.6





#45

1,2-Dichloropropane

Concen: 47.277 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

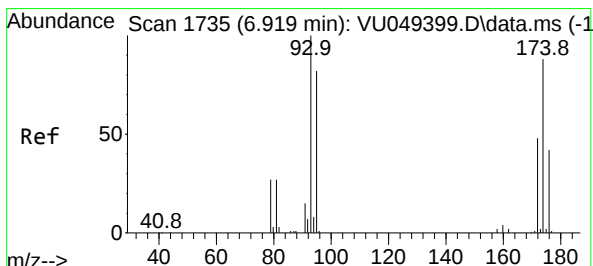
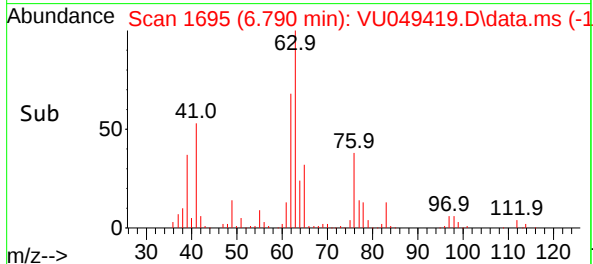
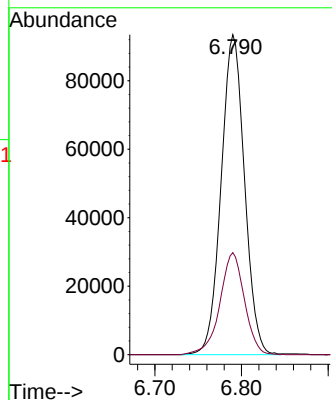
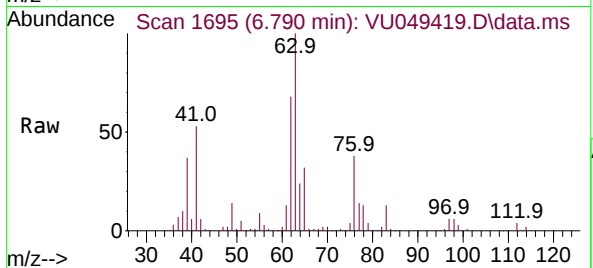
VSTDCCC050

Tgt Ion: 63 Resp: 175232

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.4



#46

Dibromomethane

Concen: 48.339 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

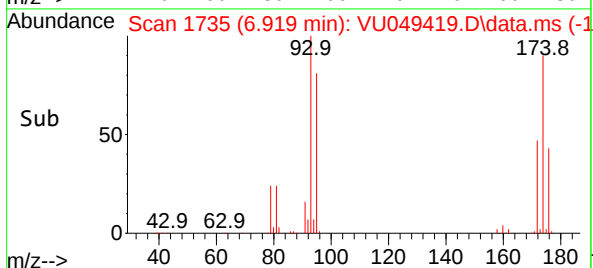
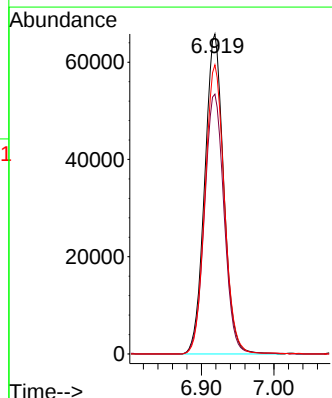
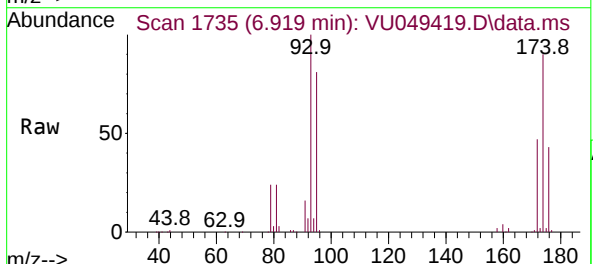
Tgt Ion: 93 Resp: 119453

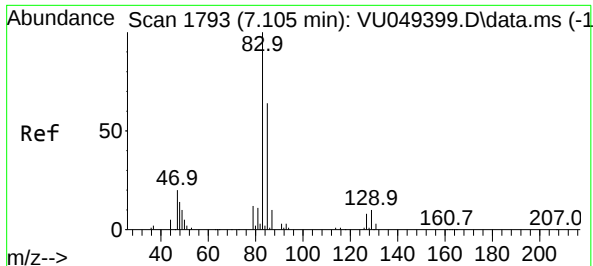
Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

174 92.0 88.2 132.4

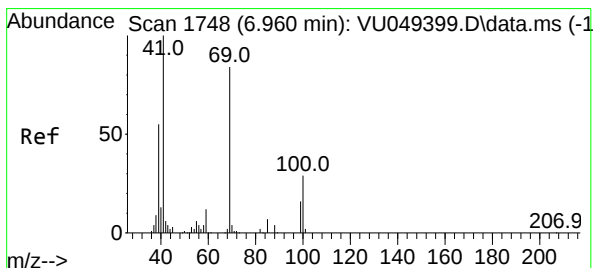
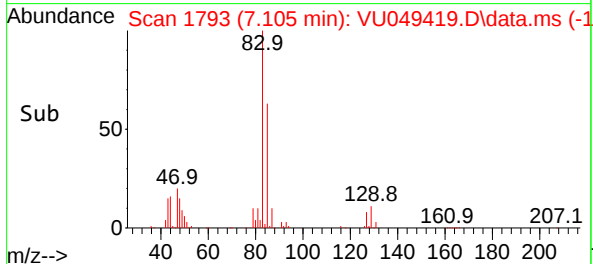
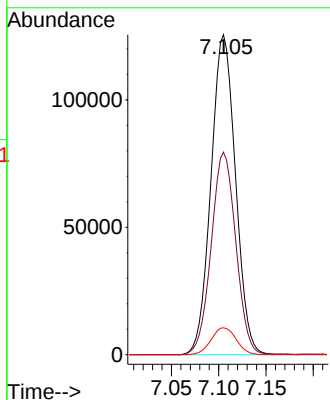
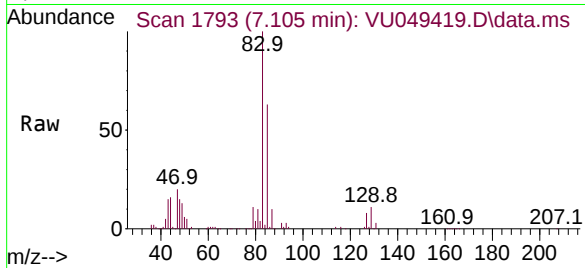




#47
Bromodichloromethane
Concen: 47.635 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

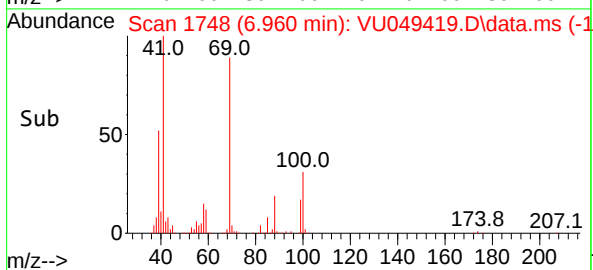
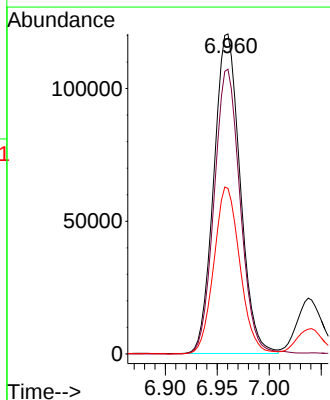
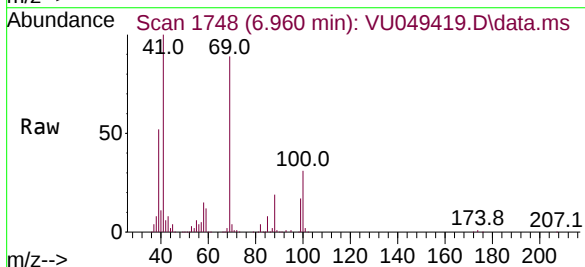
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

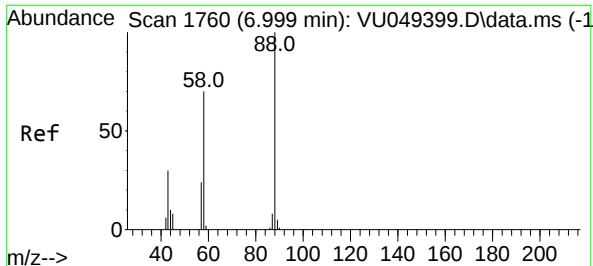
Tgt Ion: 83 Resp: 226566
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 51.054 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 41 Resp: 212247
Ion Ratio Lower Upper
41 100
69 88.2 79.8 119.6
39 51.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1119.198 ug/l

RT: 6.976 min Scan# 1

Delta R.T. -0.023 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

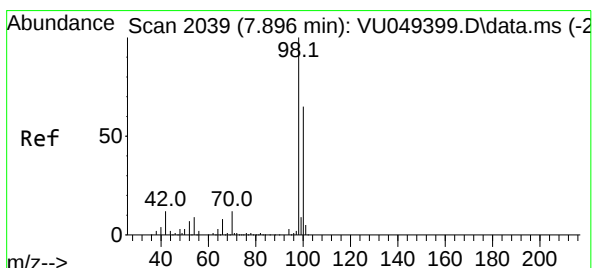
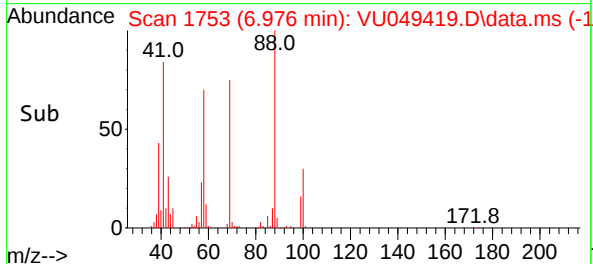
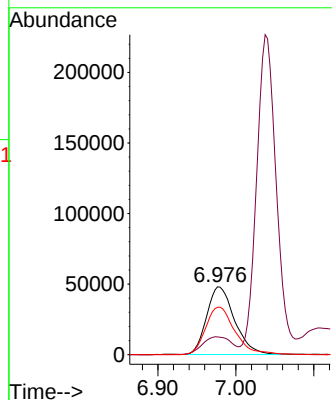
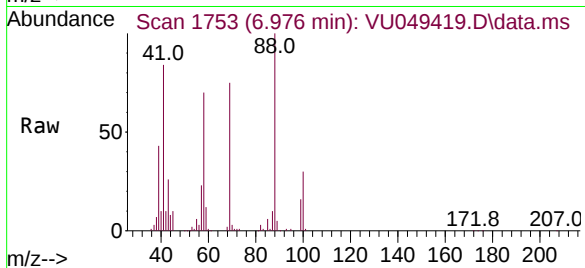
Tgt Ion: 88 Resp: 119205

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 74.4 15.4 23.0#



#50

Toluene-d8

Concen: 48.082 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VU049419.D

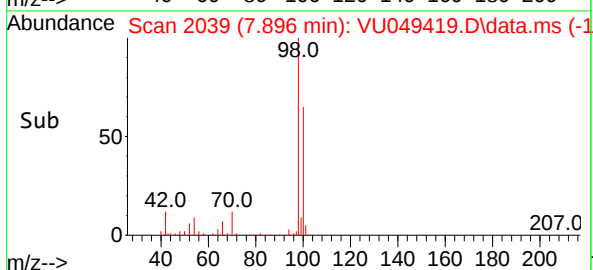
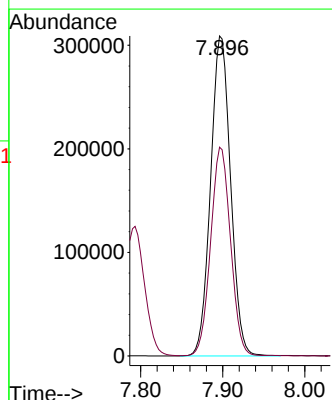
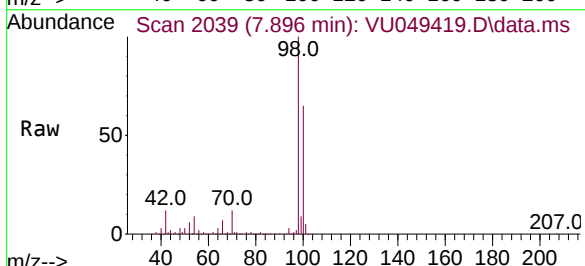
Acq: 27 Jun 2022 21:58

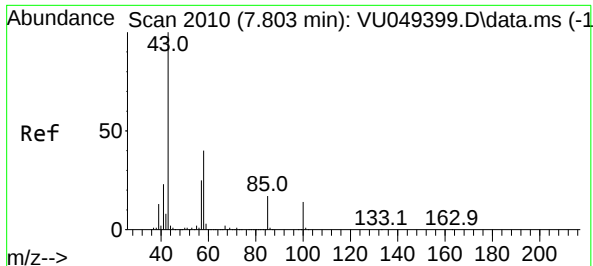
Tgt Ion: 98 Resp: 524016

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 247.886 ug/l

RT: 7.793 min Scan# 2010

Delta R.T. -0.010 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

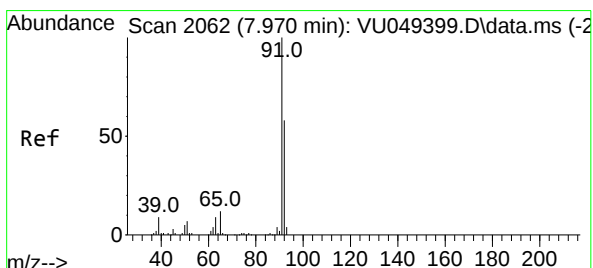
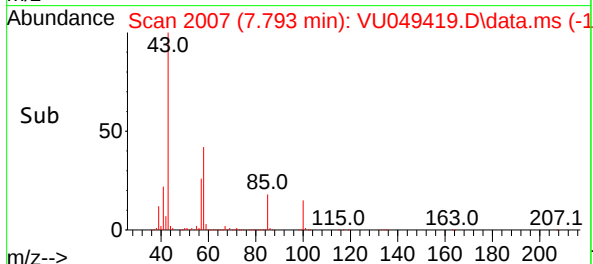
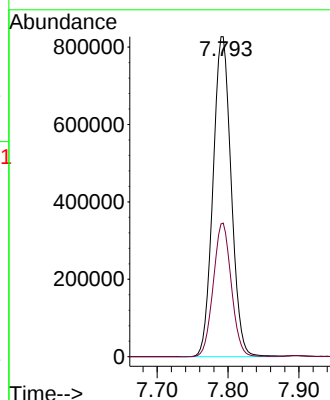
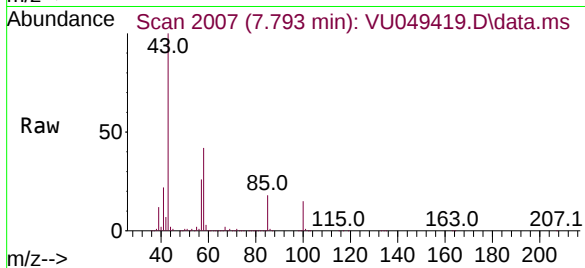
VSTDCCC050

Tgt Ion: 43 Resp: 1471699

Ion Ratio Lower Upper

43 100

58 41.5 34.7 52.1



#52

Toluene

Concen: 48.440 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049419.D

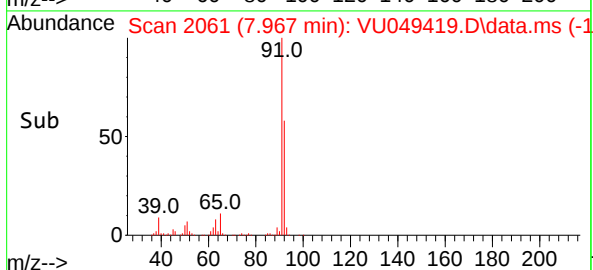
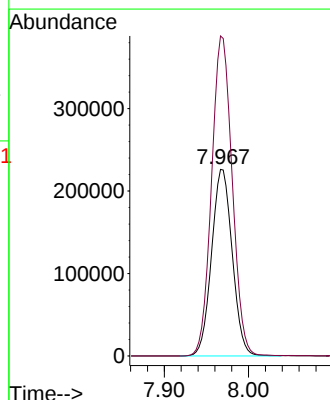
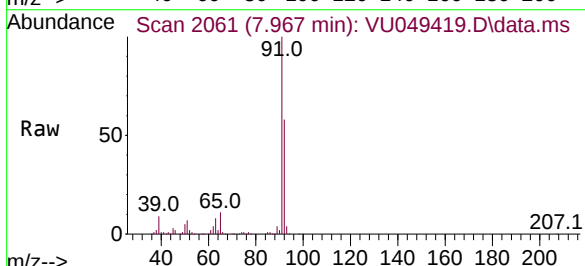
Acq: 27 Jun 2022 21:58

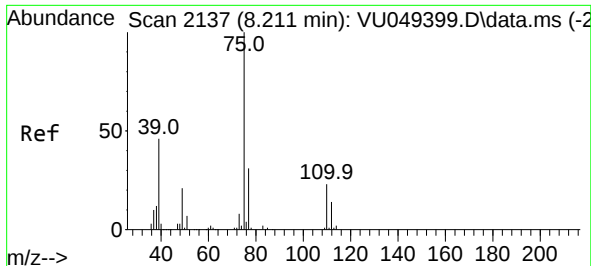
Tgt Ion: 92 Resp: 385122

Ion Ratio Lower Upper

92 100

91 171.4 138.2 207.4

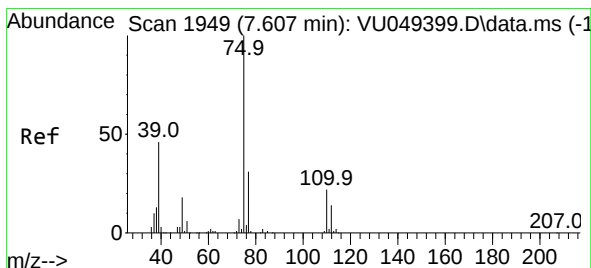
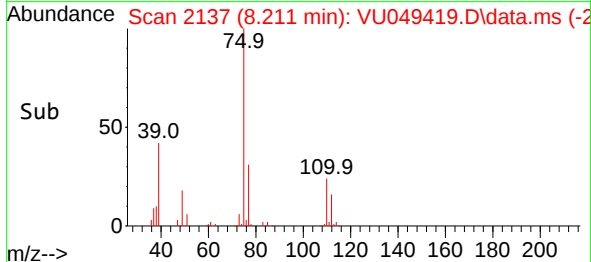
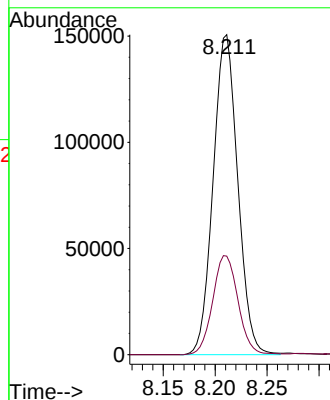
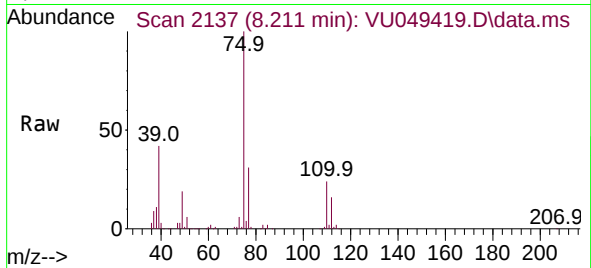




#53
t-1,3-Dichloropropene
Concen: 48.677 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

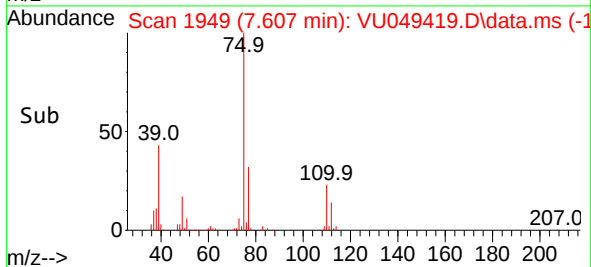
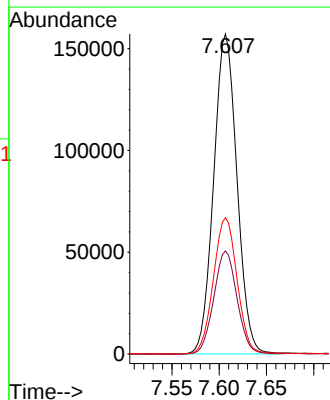
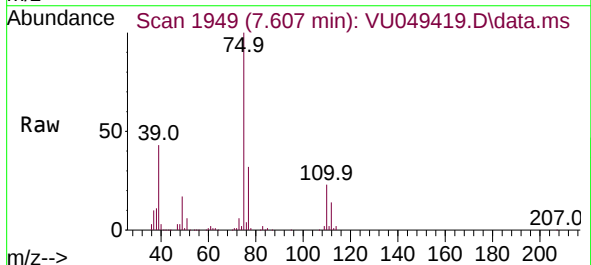
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 248349
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.483 ug/l
RT: 7.607 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 75 Resp: 269557
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 42.6 33.0 49.6



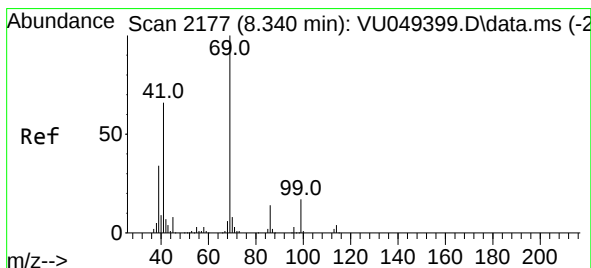
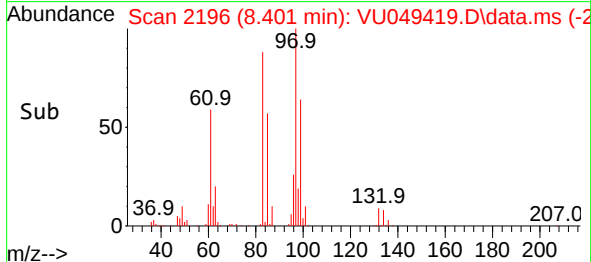
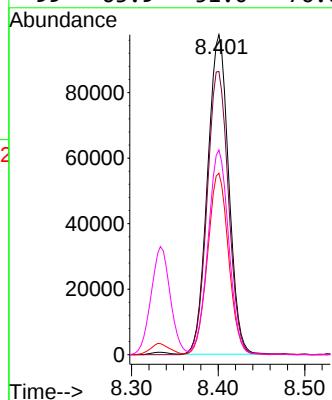
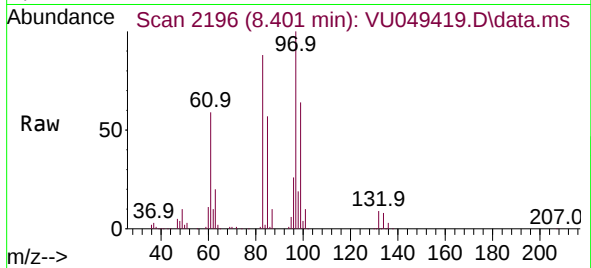


#55
1,1,2-Trichloroethane
Concen: 50.328 ug/l
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 165435

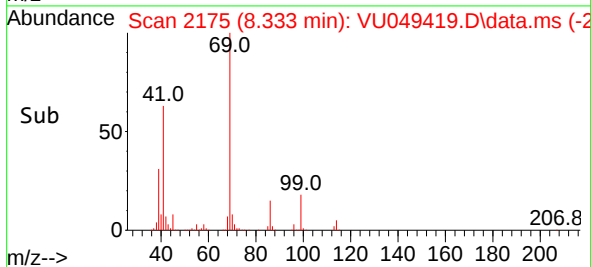
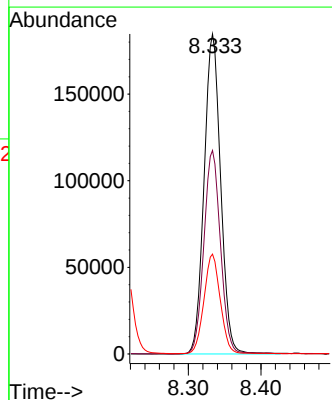
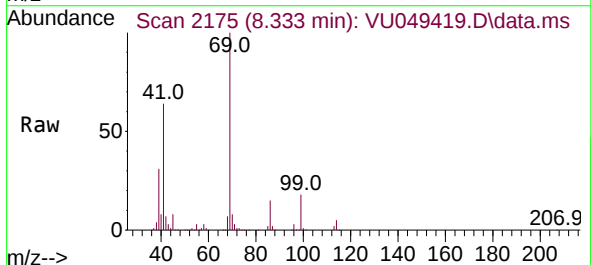
Ion	Ratio	Lower	Upper
97	100		
83	88.6	70.2	105.4
85	56.6	44.6	66.8
99	63.9	51.0	76.6

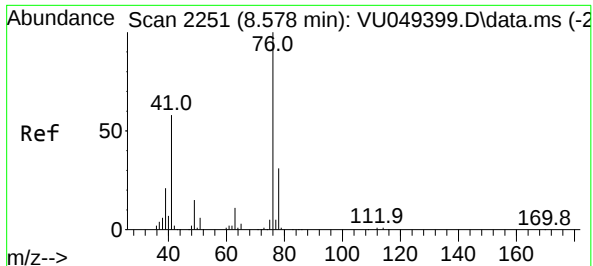


#56
Ethyl methacrylate
Concen: 53.278 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.006 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 69 Resp: 292916

Ion	Ratio	Lower	Upper
69	100		
41	63.8	45.4	68.0
39	30.6	25.7	38.5





#57

1,3-Dichloropropane

Concen: 49.083 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

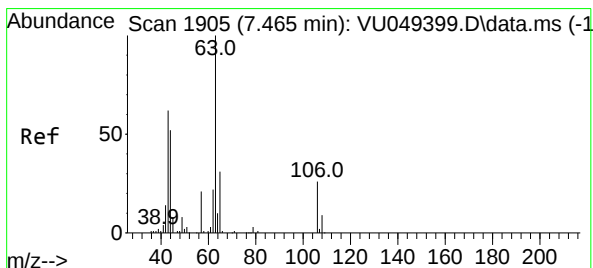
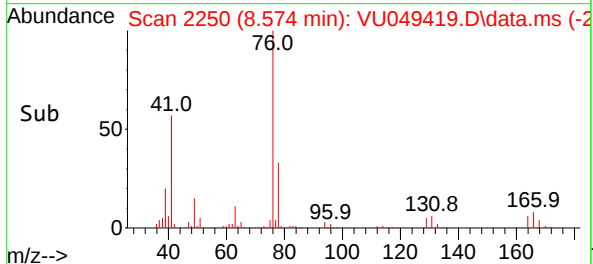
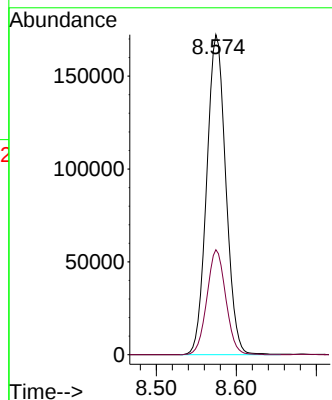
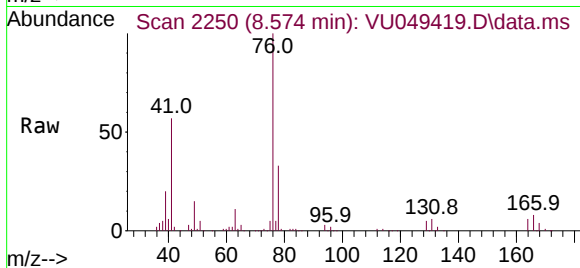
VSTDCCC050

Tgt Ion: 76 Resp: 286211

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 354.699 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.003 min

Lab File: VU049419.D

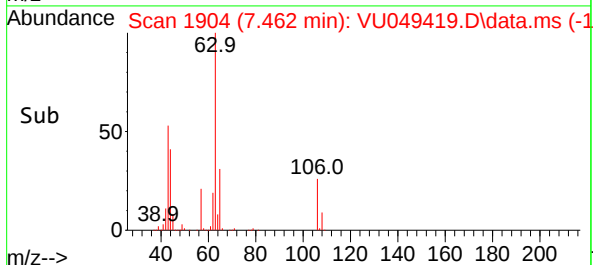
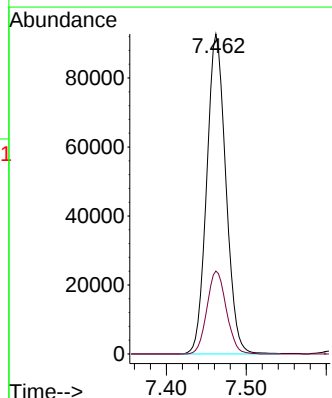
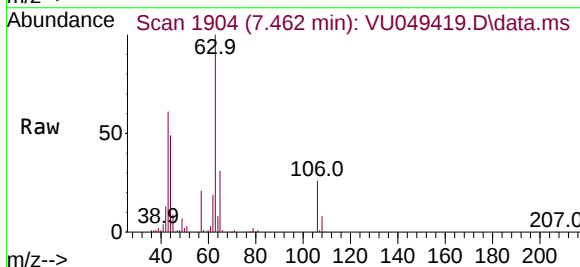
Acq: 27 Jun 2022 21:58

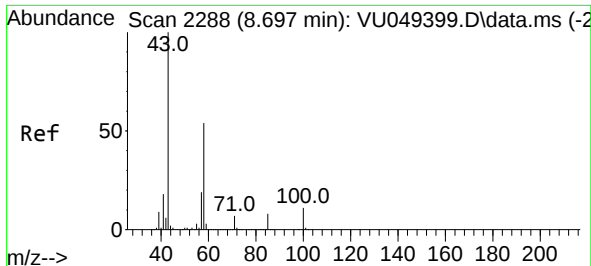
Tgt Ion: 63 Resp: 154565

Ion Ratio Lower Upper

63 100

106 26.2 23.1 34.7

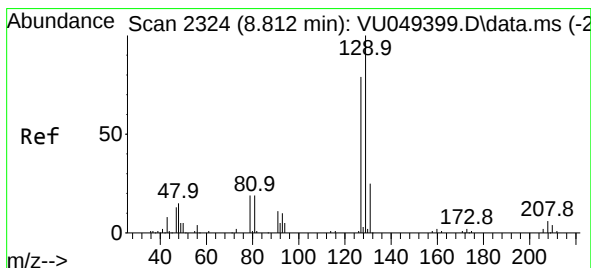
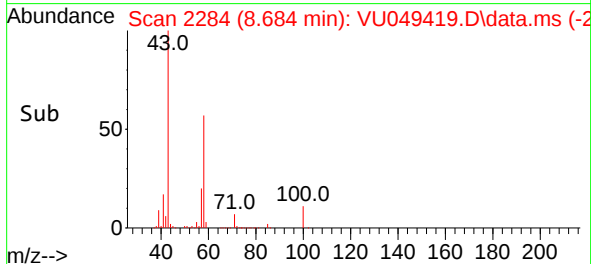
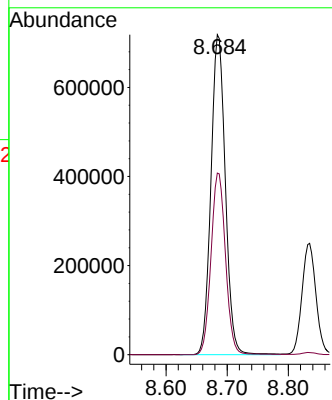
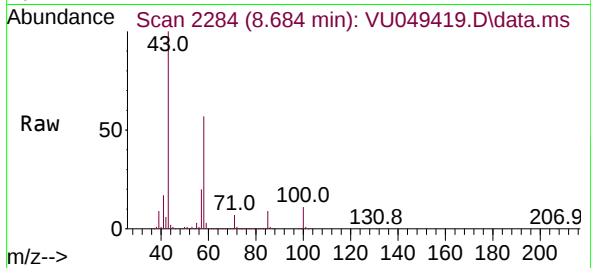




#59
2-Hexanone
Concen: 251.203 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

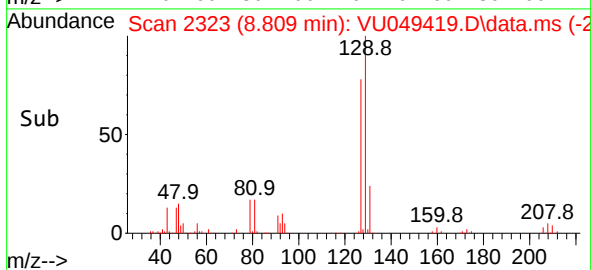
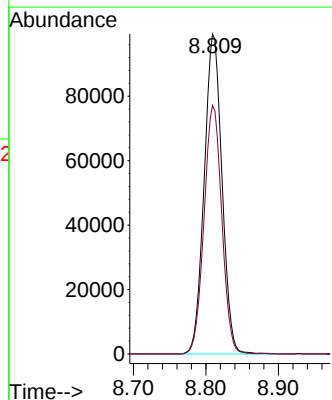
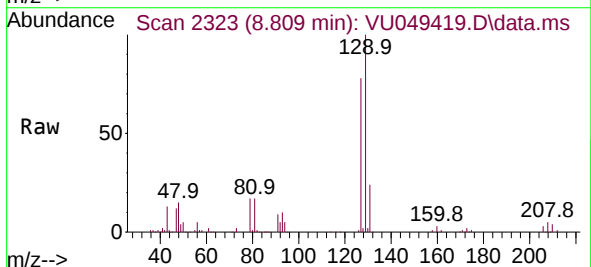
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

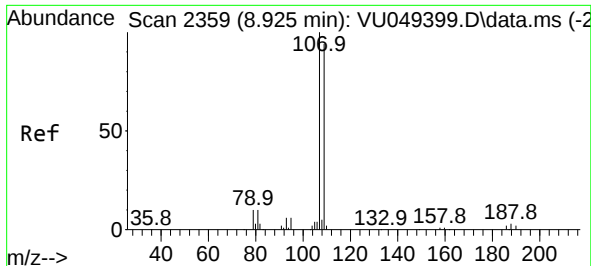
Tgt Ion: 43 Resp: 1172815
Ion Ratio Lower Upper
43 100
58 57.2 30.3 90.8



#60
Dibromochloromethane
Concen: 49.504 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 129 Resp: 169218
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

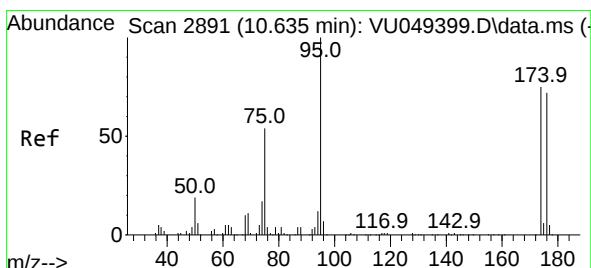
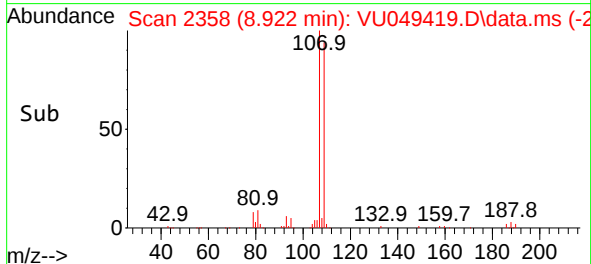
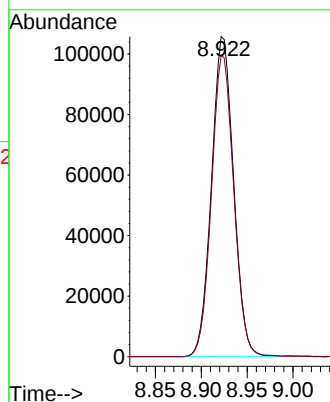
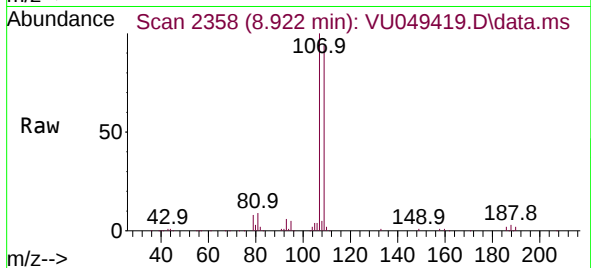




#61
1,2-Dibromoethane
Concen: 49.672 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

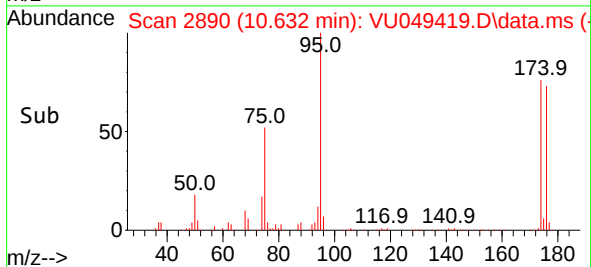
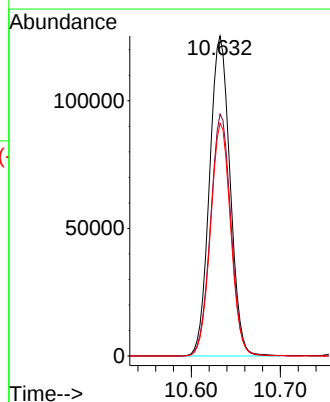
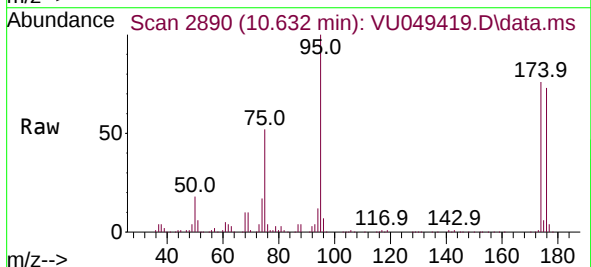
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 177937
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.989 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 95 Resp: 200345
Ion Ratio Lower Upper
95 100
174 75.0 0.0 182.0
176 71.6 0.0 177.8

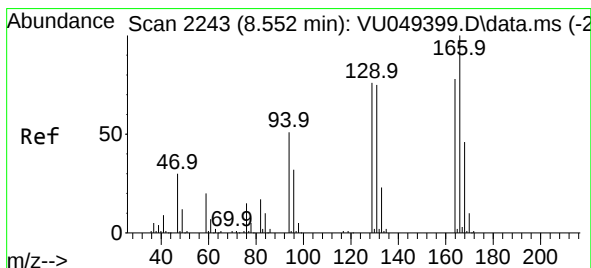
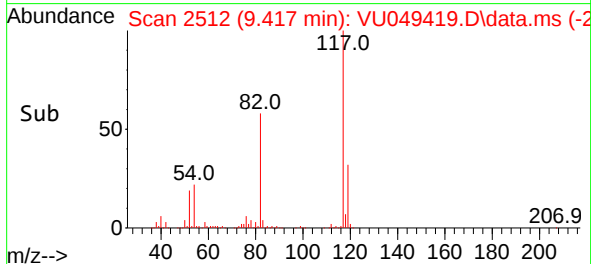
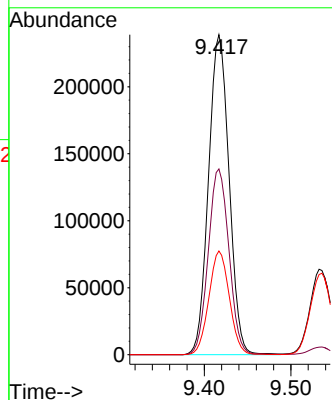
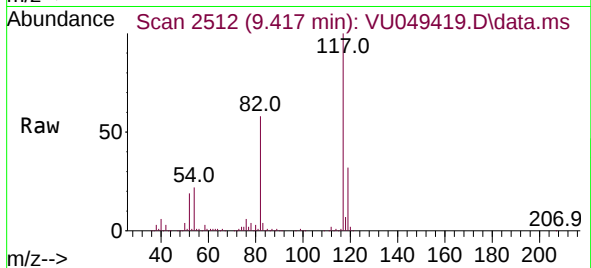




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

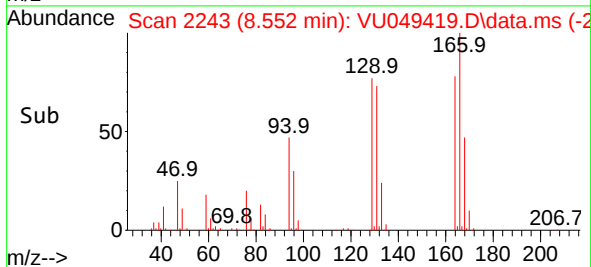
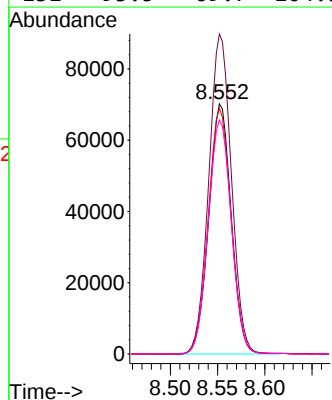
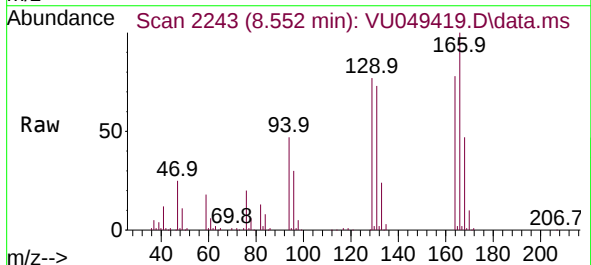
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

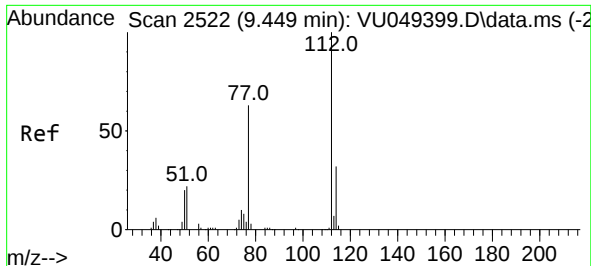
Tgt Ion:117 Resp: 393457
Ion Ratio Lower Upper
117 100
82 58.1 41.7 62.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 46.054 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion:164 Resp: 116223
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 98.2 72.0 108.0
131 93.5 69.7 104.5

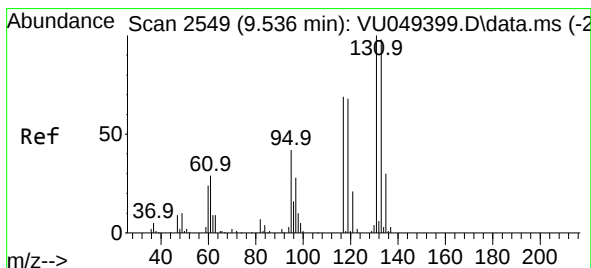
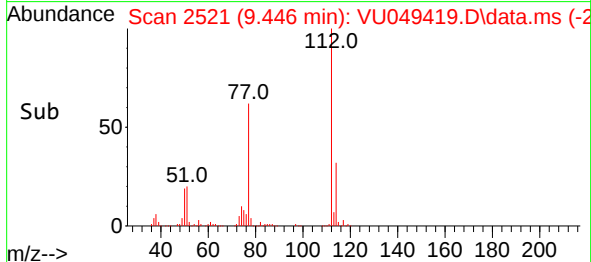
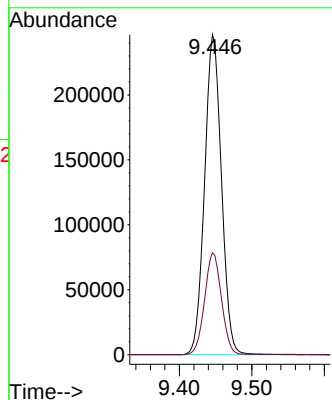
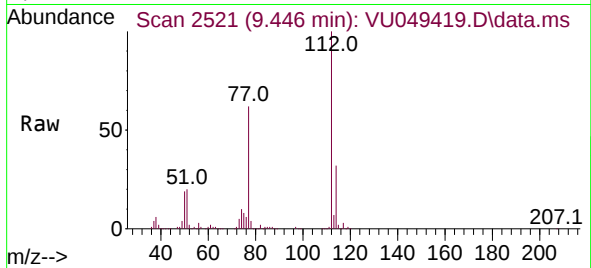




#65
Chlorobenzene
Concen: 49.511 ug/l
RT: 9.446 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

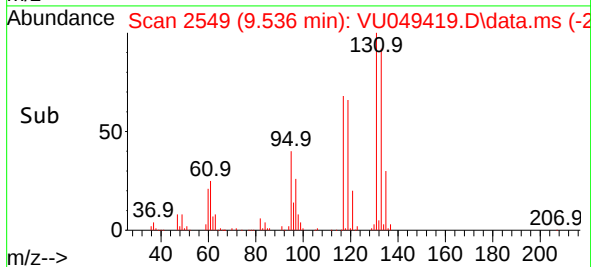
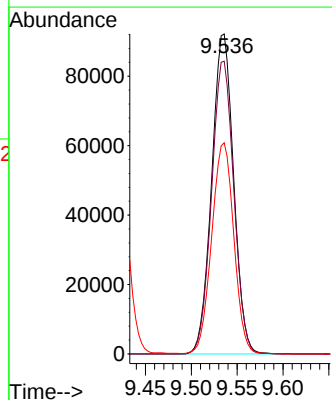
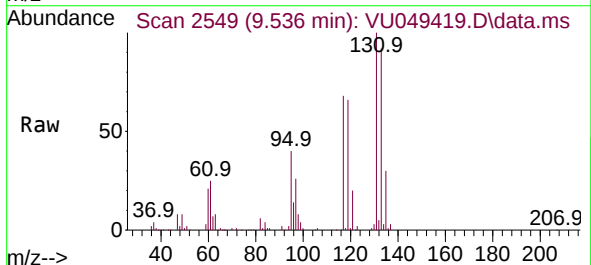
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

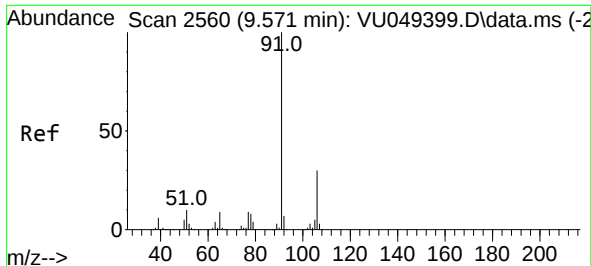
Tgt Ion:112 Resp: 398253
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.497 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion:131 Resp: 153229
Ion Ratio Lower Upper
131 100
133 92.7 48.4 145.0
119 66.7 33.9 101.6





#67

Ethyl Benzene

Concen: 49.408 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

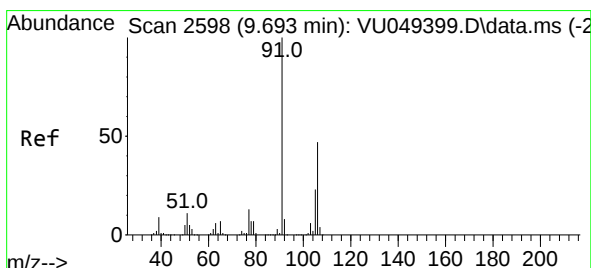
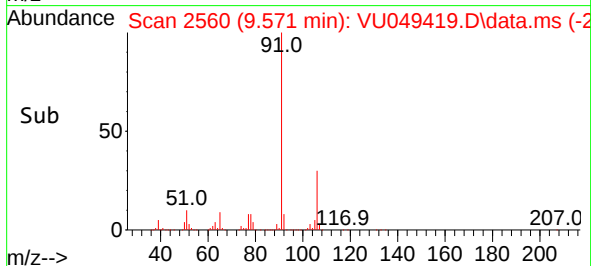
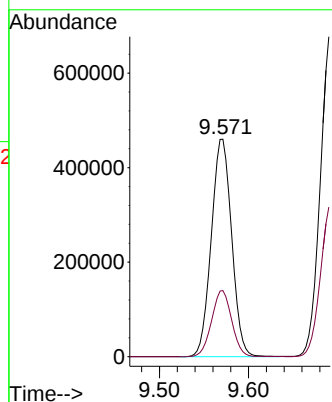
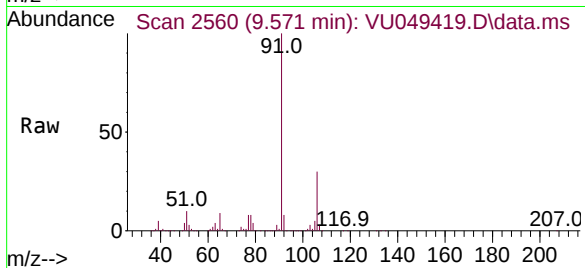
VSTDCCC050

Tgt Ion: 91 Resp: 729612

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 97.992 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049419.D

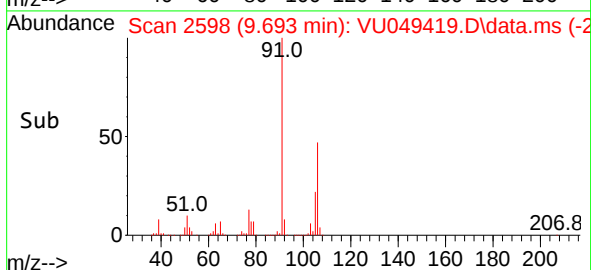
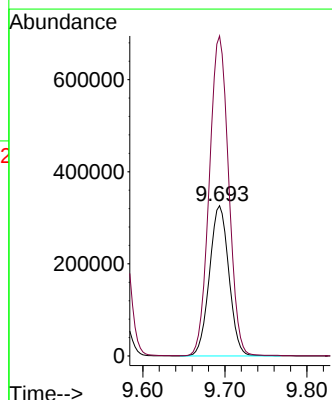
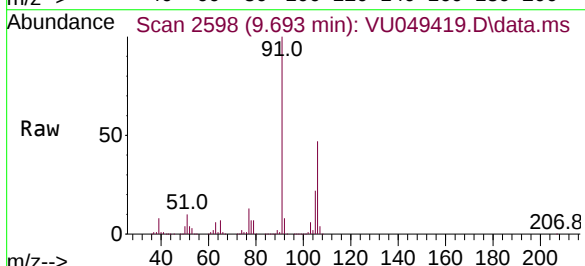
Acq: 27 Jun 2022 21:58

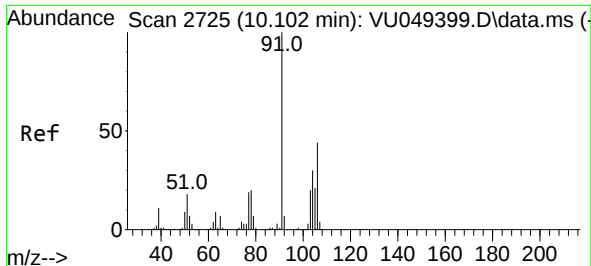
Tgt Ion:106 Resp: 535417

Ion Ratio Lower Upper

106 100

91 212.5 157.2 235.8

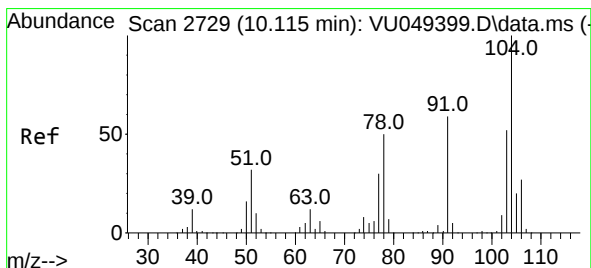
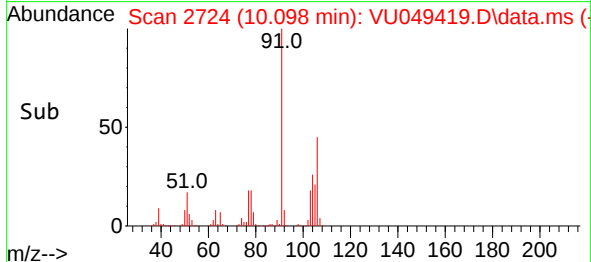
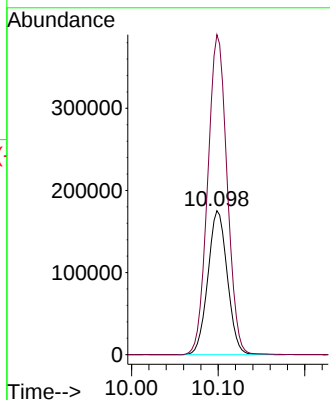
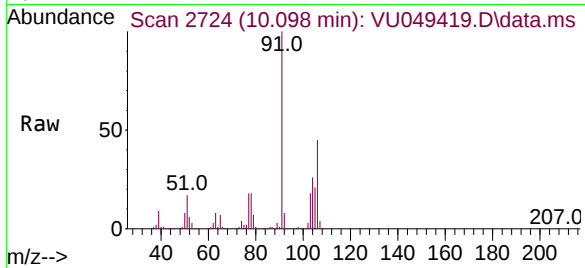




#69
o-Xylene
Concen: 50.381 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

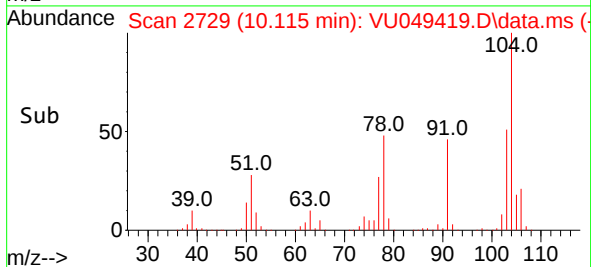
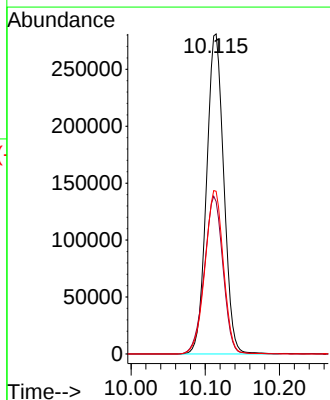
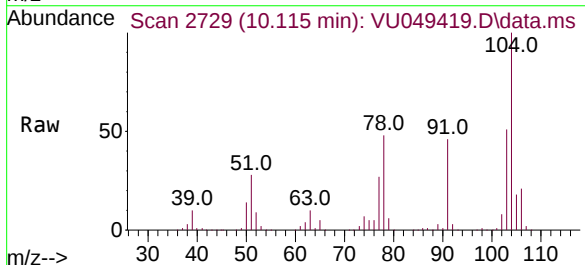
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

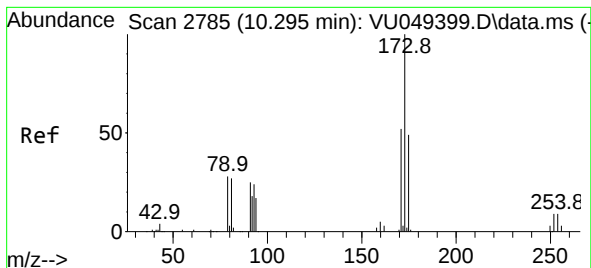
Tgt Ion:106 Resp: 273277
Ion Ratio Lower Upper
106 100
91 222.4 103.5 310.5



#70
Styrene
Concen: 51.826 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion:104 Resp: 451693
Ion Ratio Lower Upper
104 100
78 53.3 38.0 57.0
103 54.8 43.9 65.9





#71

Bromoform

Concen: 51.077 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

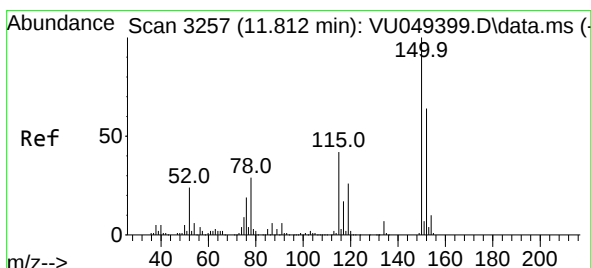
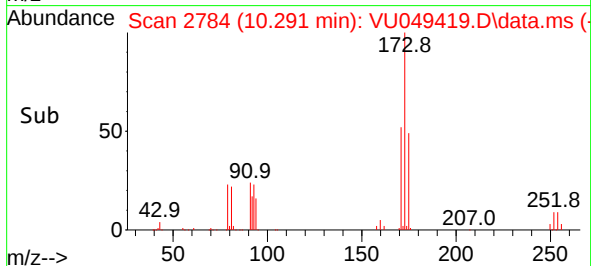
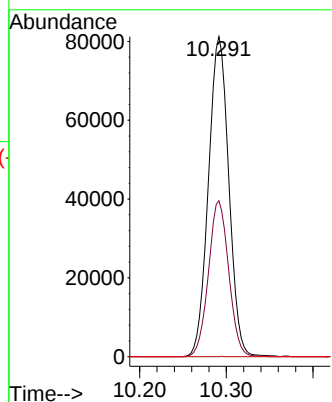
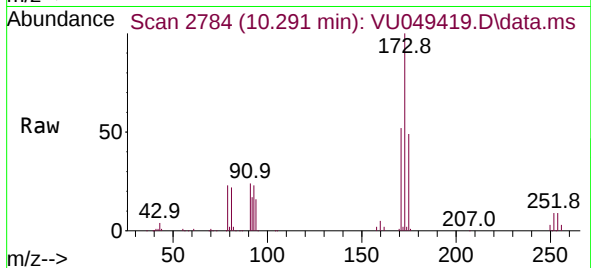
Tgt Ion:173 Resp: 132927

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

254 0.0 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: VU049419.D

Acq: 27 Jun 2022 21:58

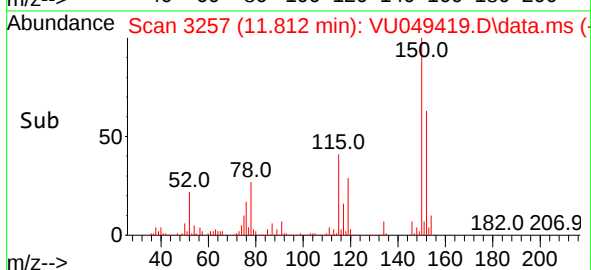
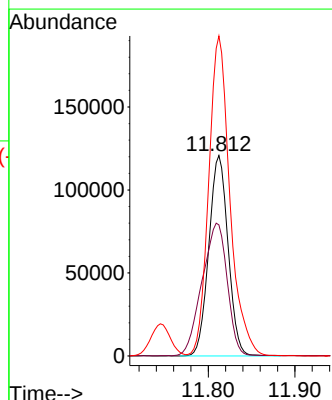
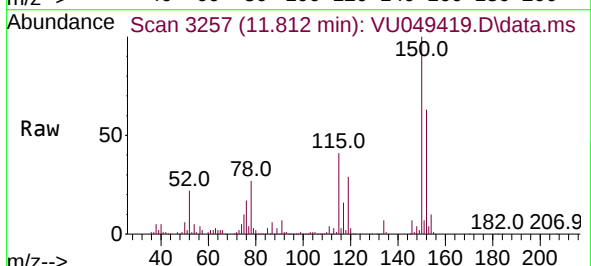
Tgt Ion:152 Resp: 186558

Ion Ratio Lower Upper

152 100

115 85.9 37.0 110.9

150 175.2 0.0 342.2

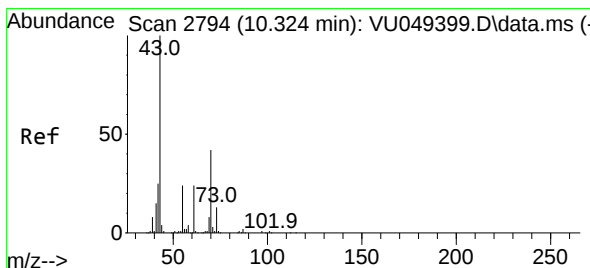
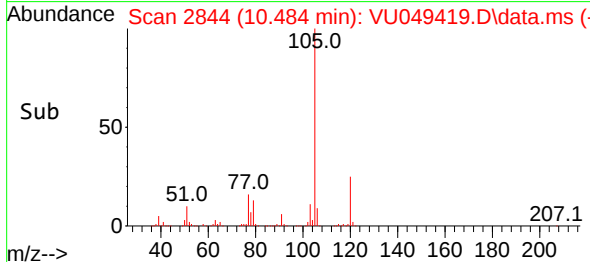
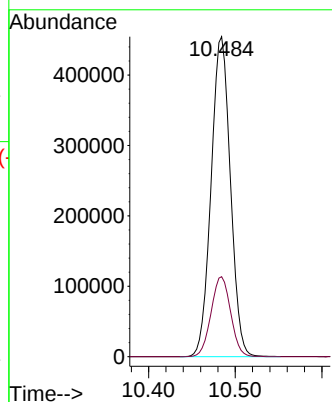
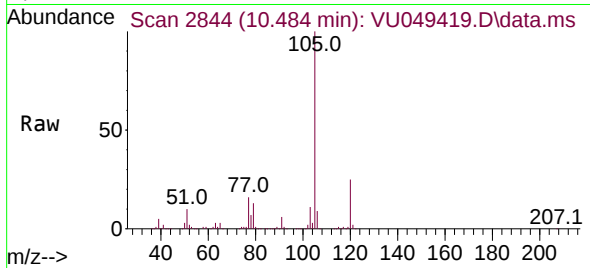




#73
Isopropylbenzene
Concen: 52.899 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

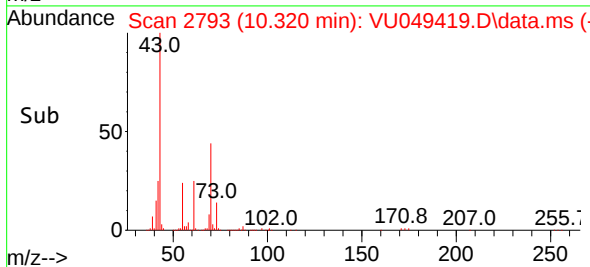
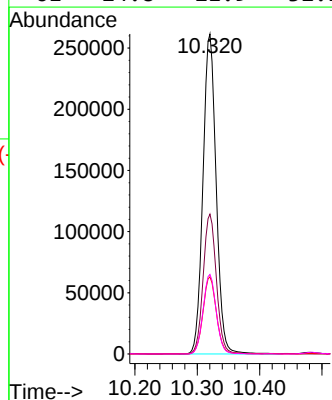
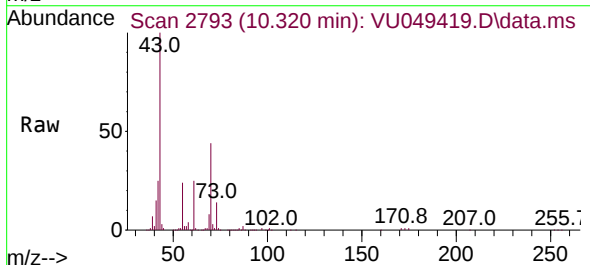
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

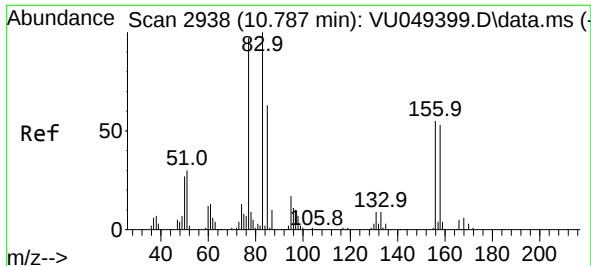
Tgt Ion:105 Resp: 703008
Ion Ratio Lower Upper
105 100
120 25.4 13.8 41.4



#74
N-ethyl acetate
Concen: 54.796 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 43 Resp: 385421
Ion Ratio Lower Upper
43 100
70 43.7 38.7 58.1
55 24.3 21.8 32.8
61 24.8 21.9 32.9

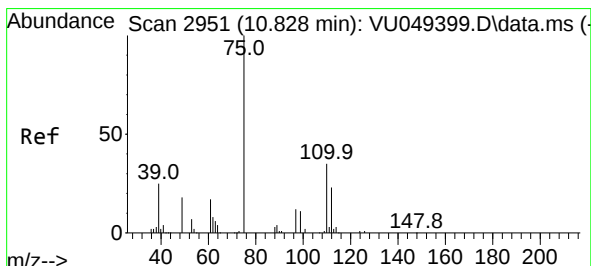
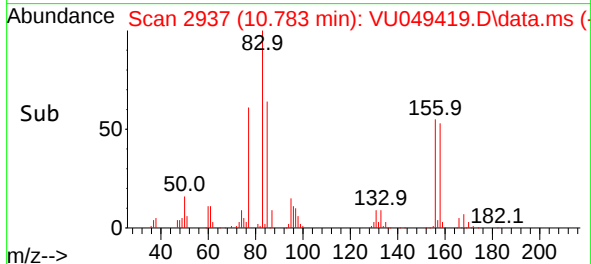
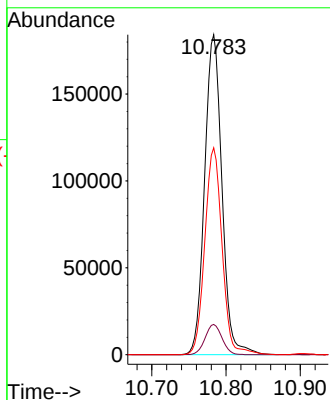
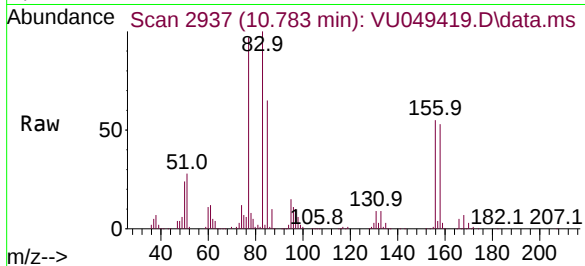




#75
1,1,2,2-Tetrachloroethane
Concen: 52.981 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

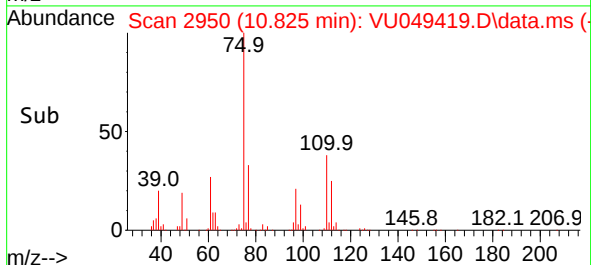
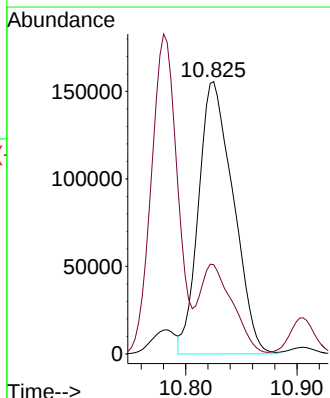
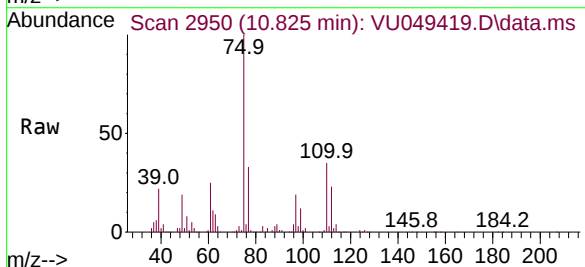
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

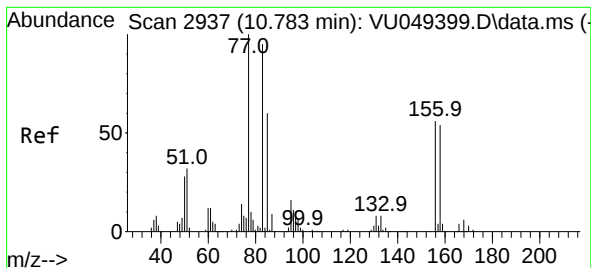
Tgt Ion: 83 Resp: 298256
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 64.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 53.217 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 75 Resp: 336554
Ion Ratio Lower Upper
75 100
77 29.6 15.8 47.3





#77

Bromobenzene

Concen: 51.968 ug/l

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

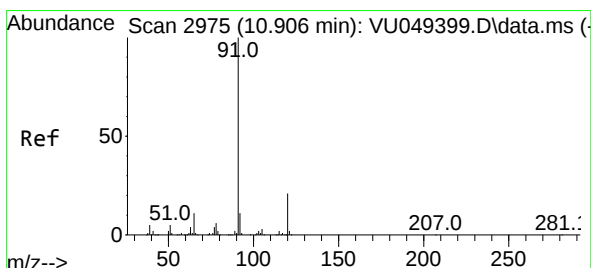
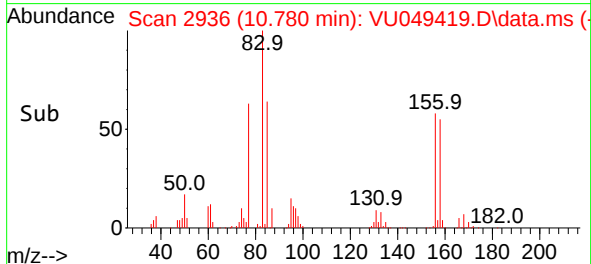
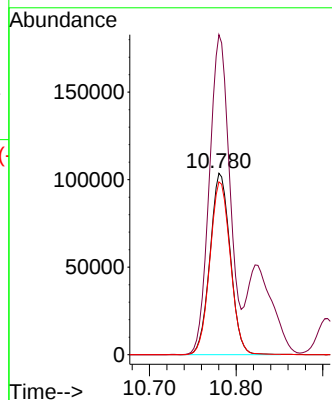
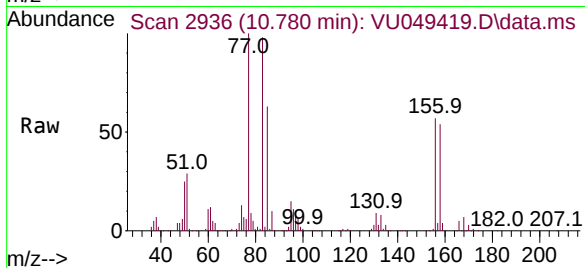
Tgt Ion:156 Resp: 168578

Ion Ratio Lower Upper

156 100

77 176.8 71.9 215.6

158 96.3 48.9 146.8



#78

n-propylbenzene

Concen: 51.174 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU049419.D

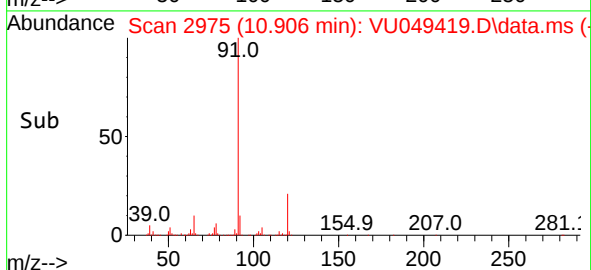
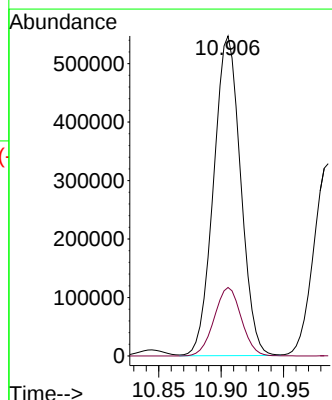
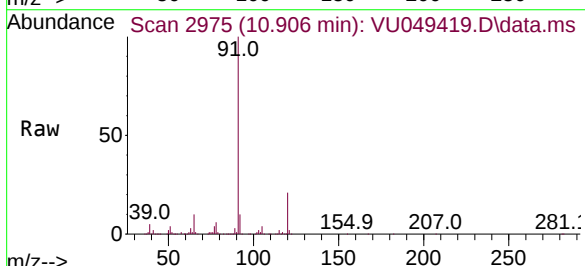
Acq: 27 Jun 2022 21:58

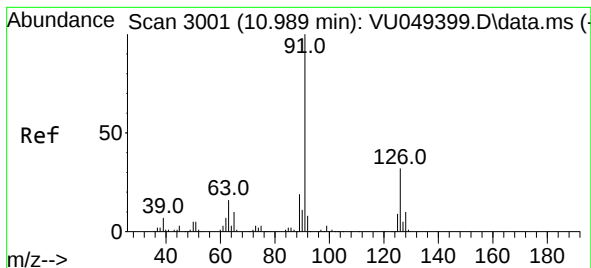
Tgt Ion: 91 Resp: 826381

Ion Ratio Lower Upper

91 100

120 21.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.608 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

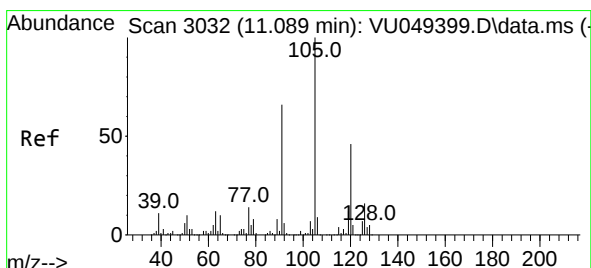
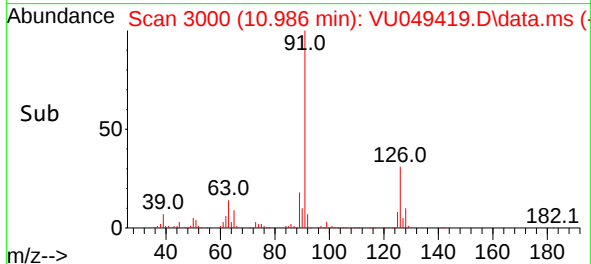
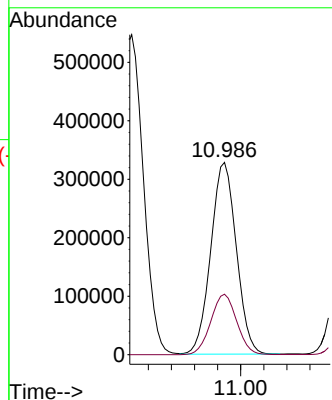
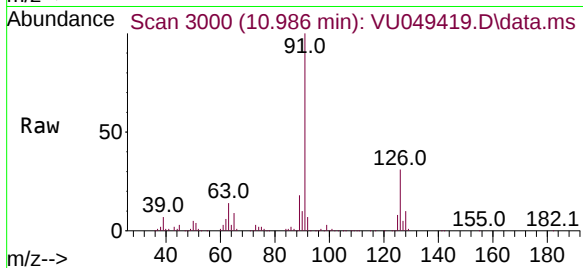
VSTDCCC050

Tgt Ion: 91 Resp: 503503

Ion Ratio Lower Upper

91 100

126 32.1 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 51.312 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049419.D

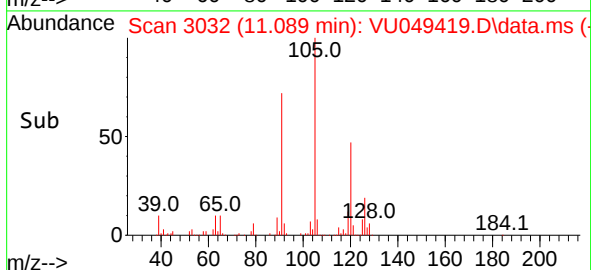
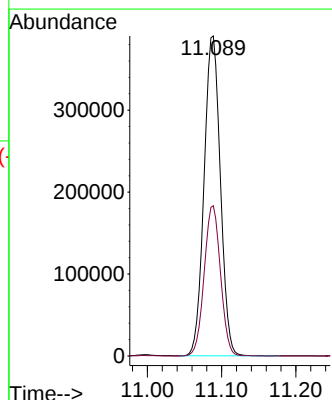
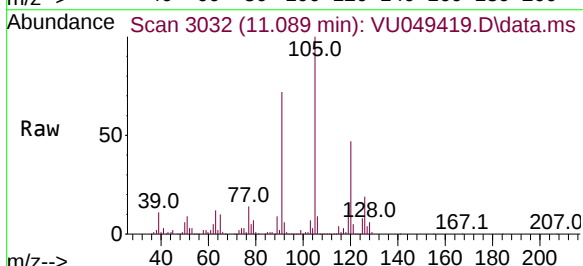
Acq: 27 Jun 2022 21:58

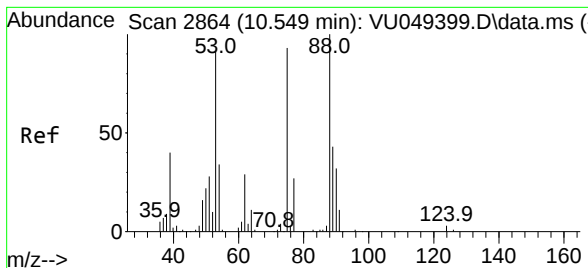
Tgt Ion:105 Resp: 595325

Ion Ratio Lower Upper

105 100

120 46.9 25.3 75.9

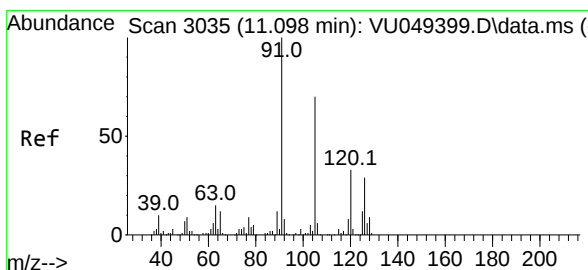
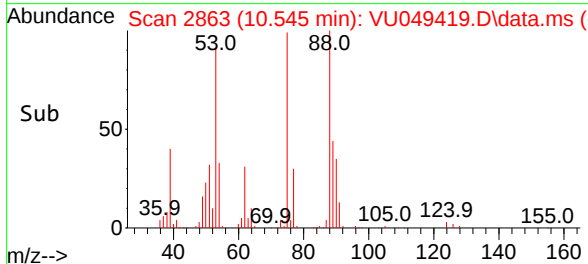
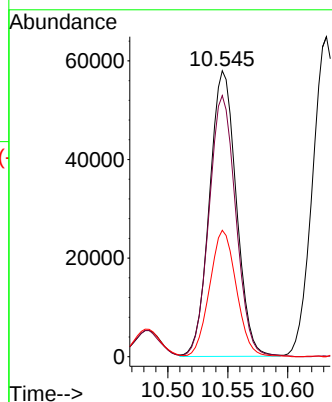
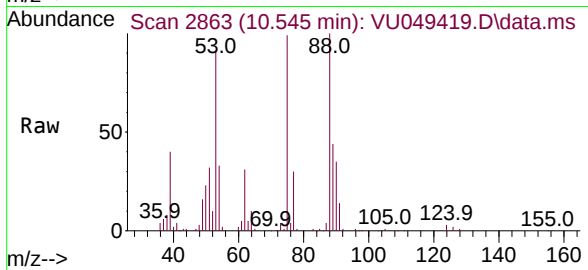




#81
trans-1,4-Dichloro-2-butene
Concen: 52.572 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

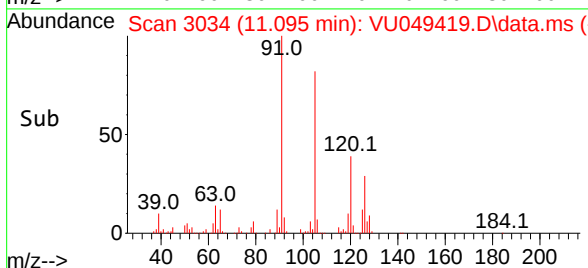
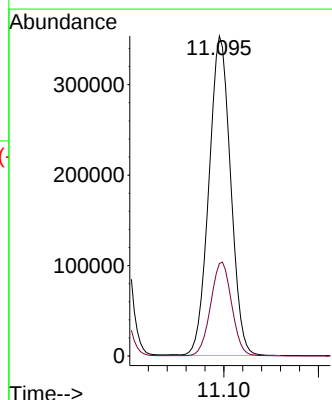
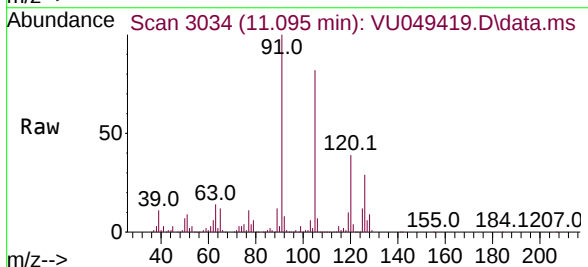
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

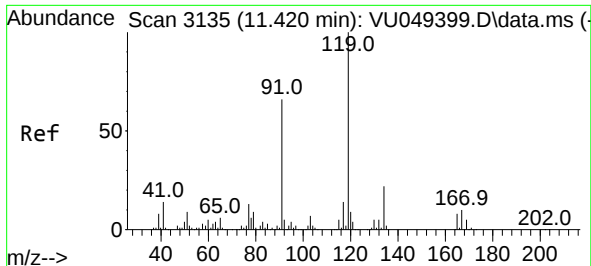
Tgt Ion: 75 Resp: 90031
Ion Ratio Lower Upper
75 100
53 91.5 69.2 103.8
89 44.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 50.241 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 91 Resp: 562178
Ion Ratio Lower Upper
91 100
126 28.6 16.1 48.2

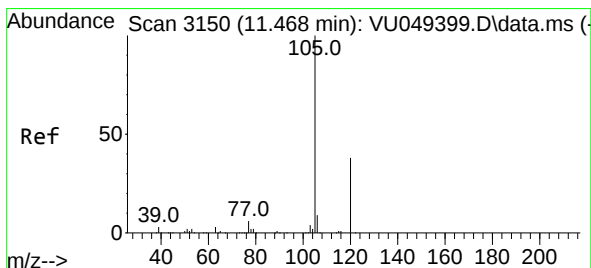
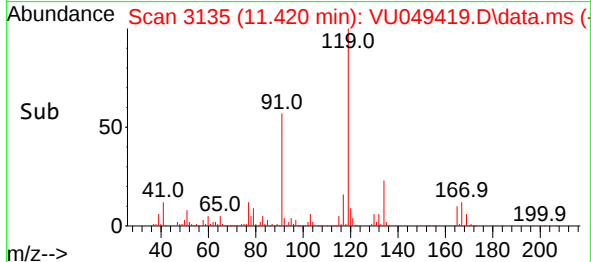
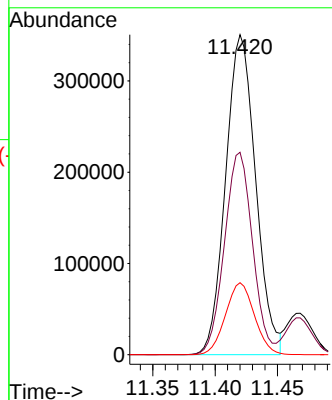
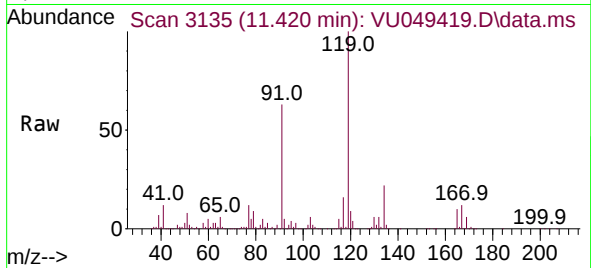




#83
 tert-Butylbenzene
 Concen: 51.595 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

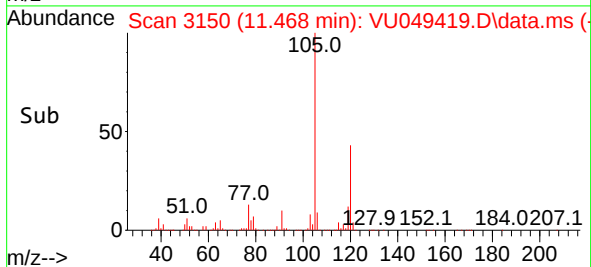
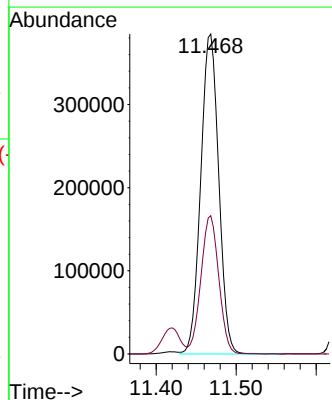
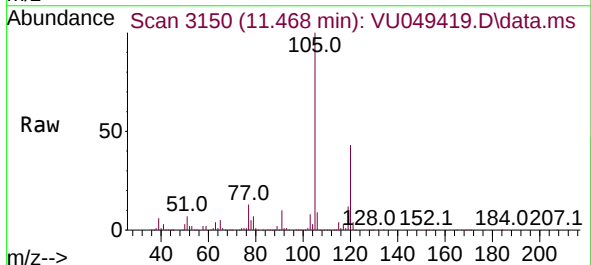
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

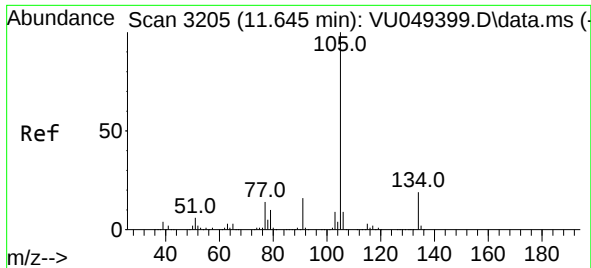
Tgt Ion:119 Resp: 588785
 Ion Ratio Lower Upper
 119 100
 91 59.3 26.8 80.3
 134 21.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.901 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

Tgt Ion:105 Resp: 602963
 Ion Ratio Lower Upper
 105 100
 120 42.9 23.4 70.3

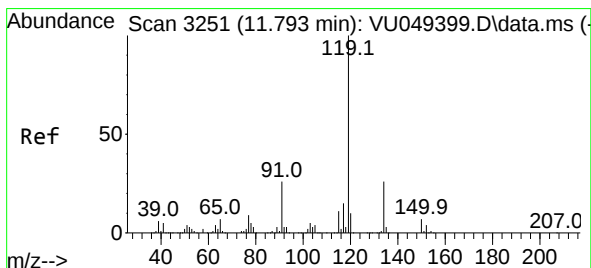
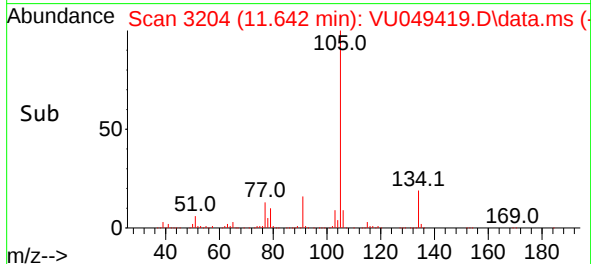
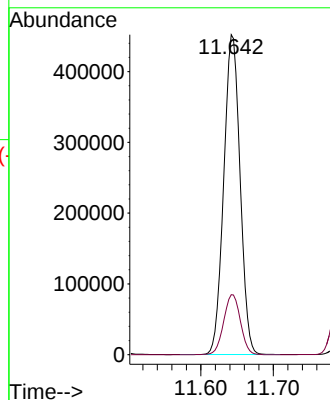
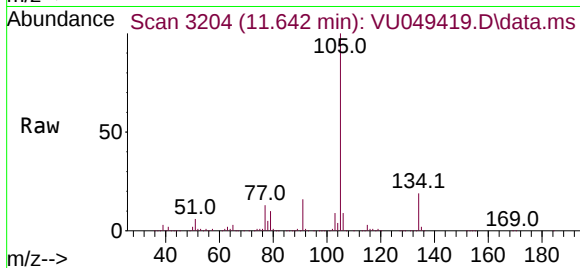




#85
 sec-Butylbenzene
 Concen: 49.266 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

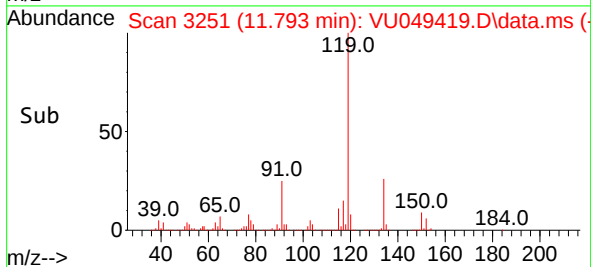
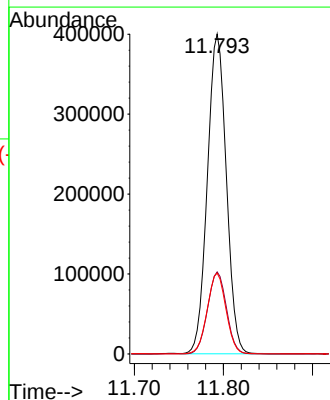
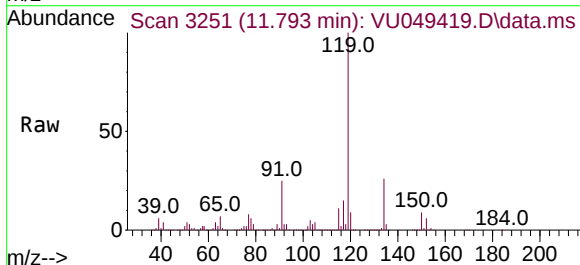
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

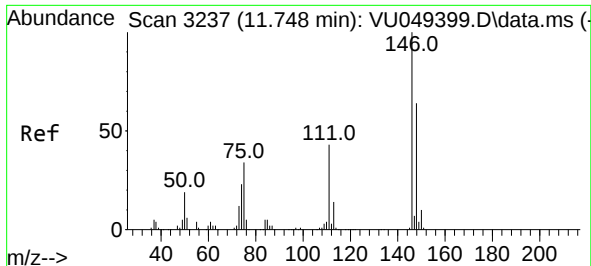
Tgt Ion:105 Resp: 706844
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.768 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

Tgt Ion:119 Resp: 589050
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 25.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.436 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

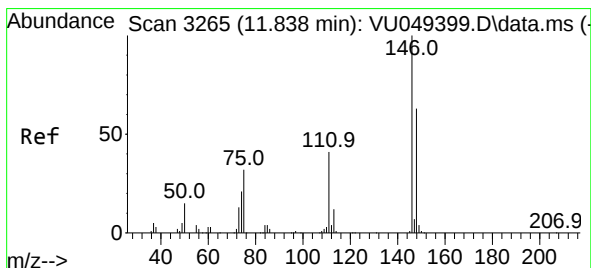
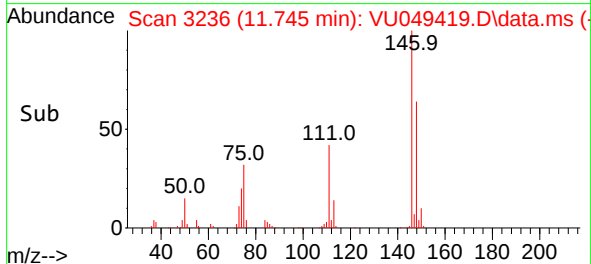
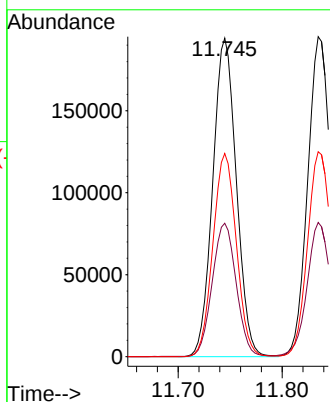
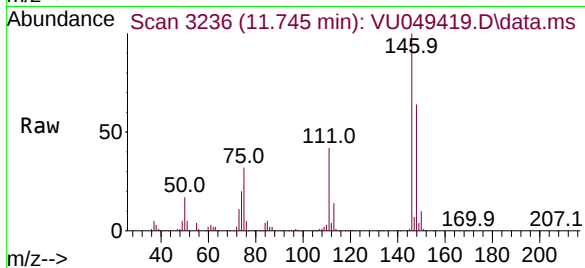
Tgt Ion:146 Resp: 306586

Ion Ratio Lower Upper

146 100

111 42.3 18.9 56.5

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.726 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049419.D

Acq: 27 Jun 2022 21:58

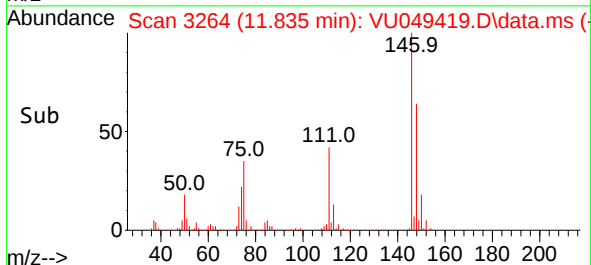
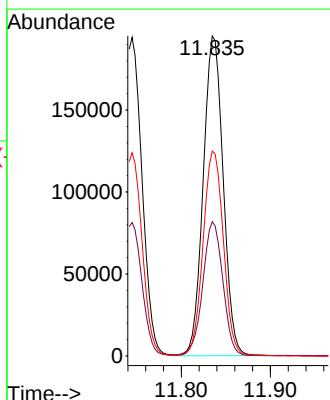
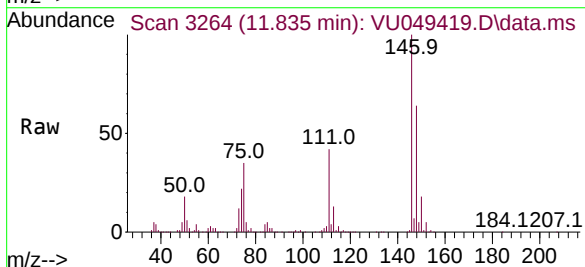
Tgt Ion:146 Resp: 303728

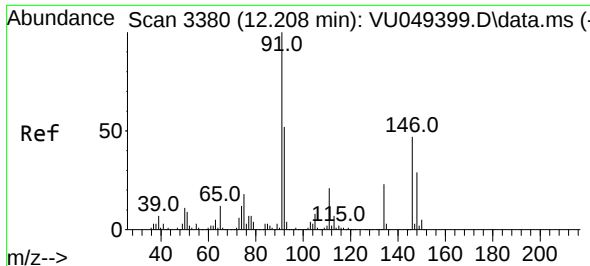
Ion Ratio Lower Upper

146 100

111 42.1 18.5 55.5

148 65.3 31.9 95.7

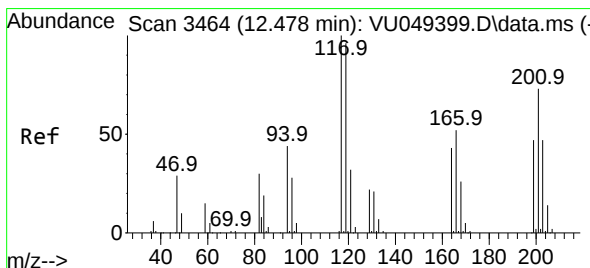
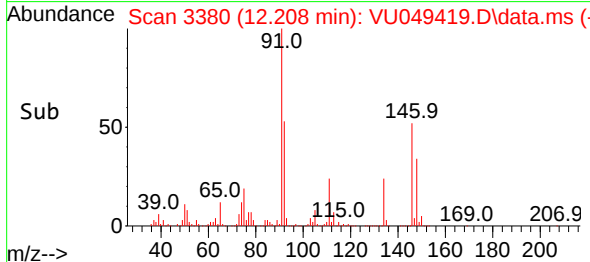
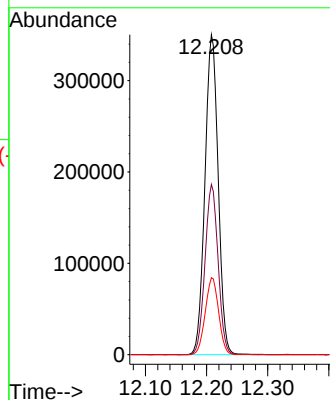
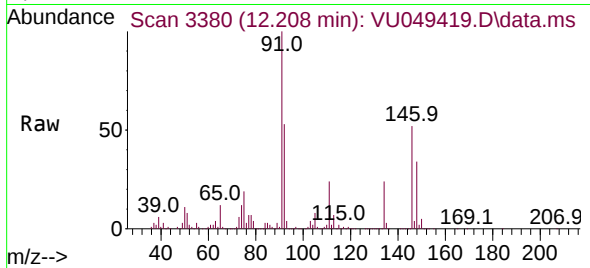




#89
n-Butylbenzene
Concen: 49.072 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

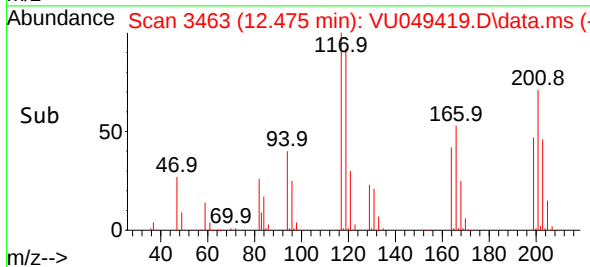
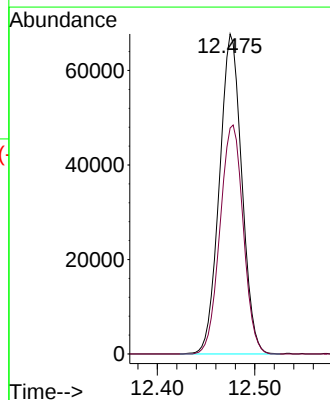
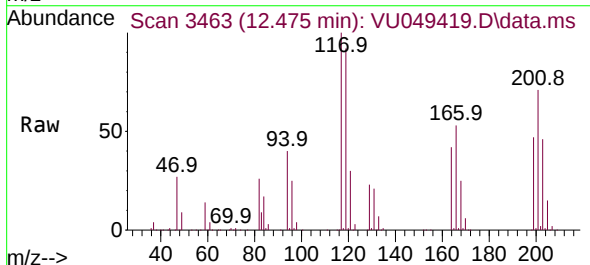
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

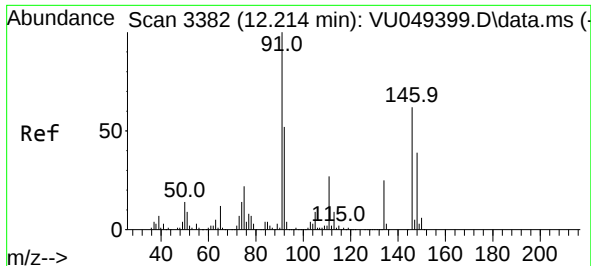
Tgt Ion: 91 Resp: 527068
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 24.3 13.5 40.4



#90
Hexachloroethane
Concen: 46.829 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 117 Resp: 108224
Ion Ratio Lower Upper
117 100
201 74.1 44.6 134.0

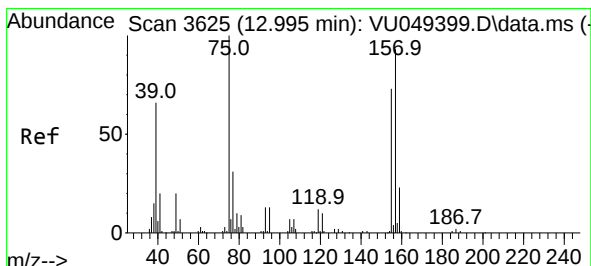
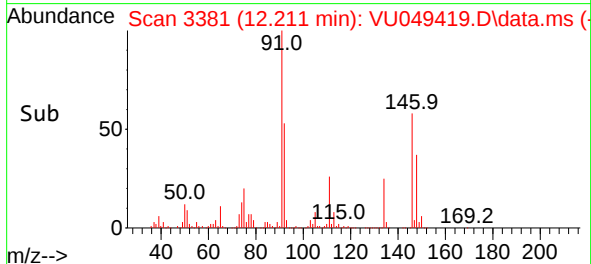
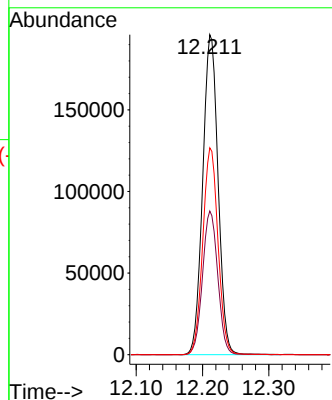
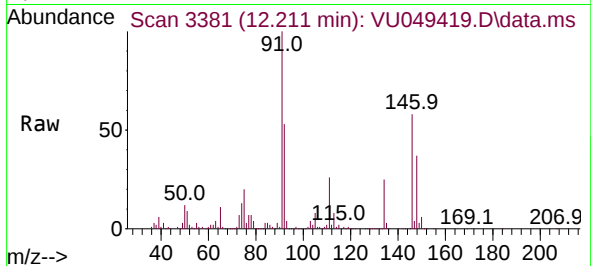




#91
1,2-Dichlorobenzene
Concen: 50.505 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

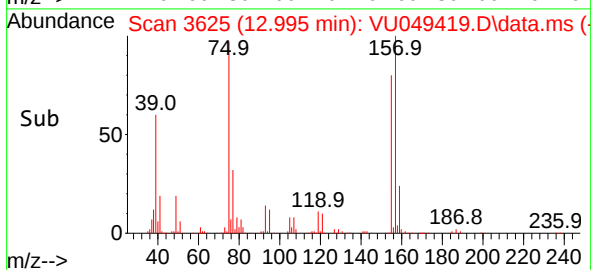
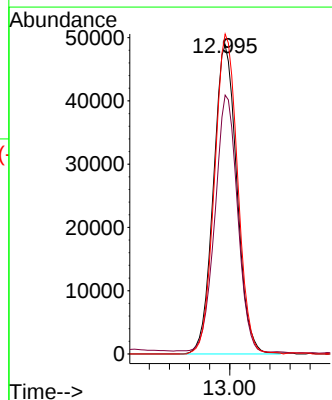
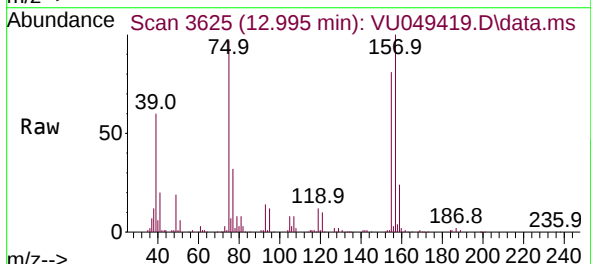
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

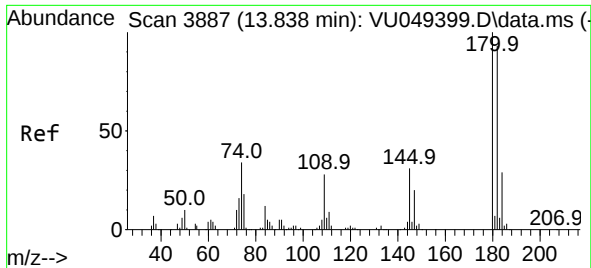
Tgt Ion:146 Resp: 314715
Ion Ratio Lower Upper
146 100
111 44.5 19.9 59.6
148 64.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.727 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion: 75 Resp: 78999
Ion Ratio Lower Upper
75 100
155 80.3 47.8 143.4
157 102.3 62.2 186.5

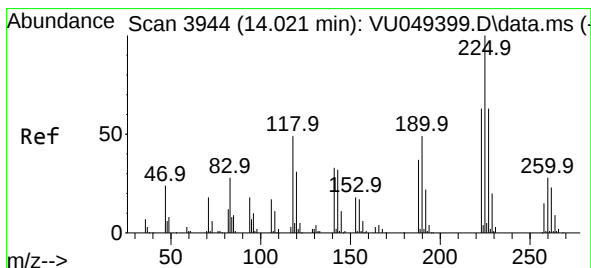
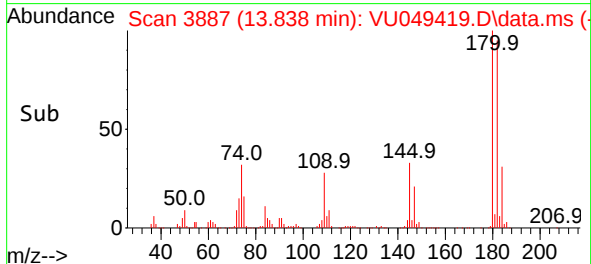
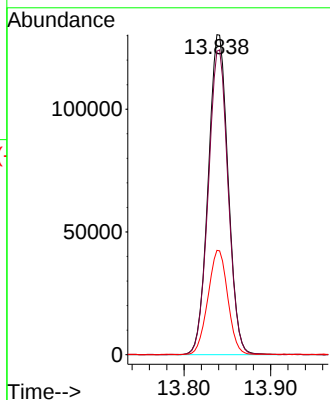
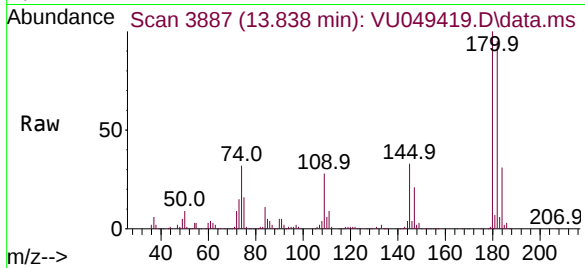




#93
 1,2,4-Trichlorobenzene
 Concen: 49.811 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

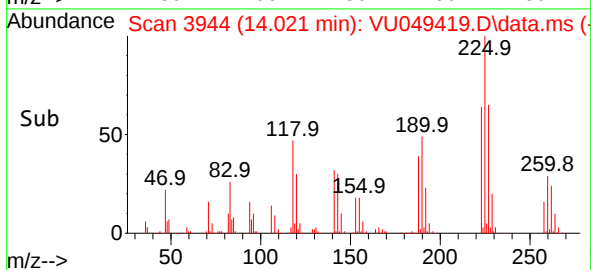
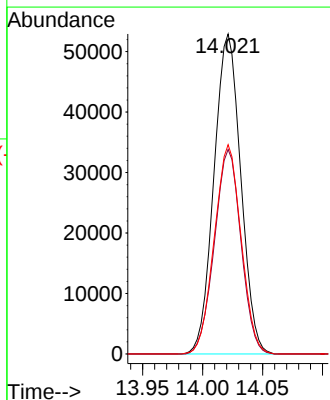
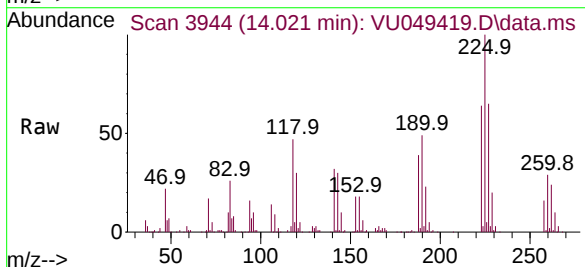
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

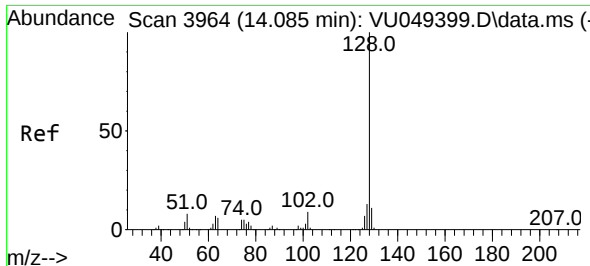
Tgt Ion:180 Resp: 208276
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.6
 145 32.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 42.509 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU049419.D
 Acq: 27 Jun 2022 21:58

Tgt Ion:225 Resp: 82170
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 65.3 32.0 96.2

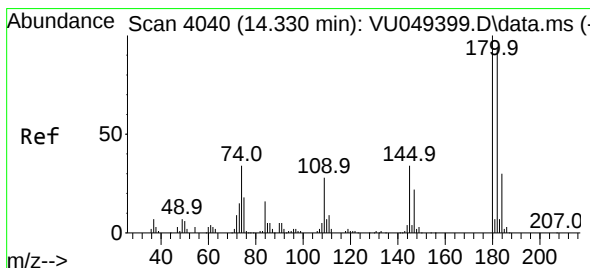
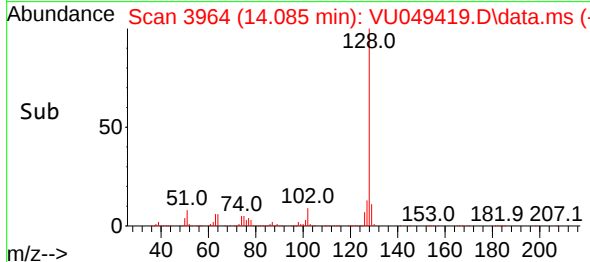
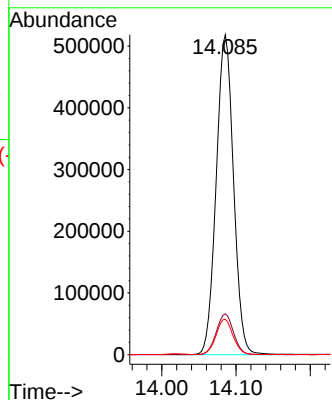
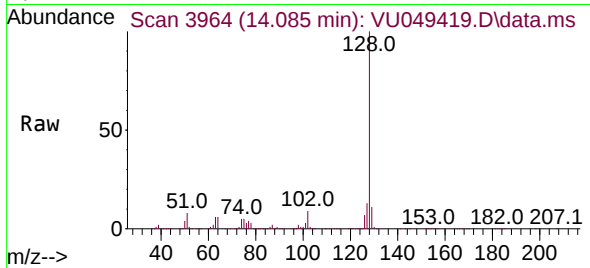




#95
Naphthalene
Concen: 57.291 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 840599
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.299 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049419.D
Acq: 27 Jun 2022 21:58

Tgt Ion:180 Resp: 220679
Ion Ratio Lower Upper
180 100
182 93.4 48.4 145.0
145 34.4 14.8 44.4

