

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070122\
 Data File : VU049603.D
 Acq On : 01 Jul 2022 23:40
 Operator : SY/MD
 Sample : N3569-13MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

Quant Time: Jul 04 06:54:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	197423	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	365631	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	331563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	164019	53.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.900%	
35) Dibromofluoromethane	5.288	113	131153	51.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	7.896	98	453897	49.748	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	10.632	95	171470	49.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	125652	39.607	ug/l	99
3) Chloromethane	1.520	50	161469	41.487	ug/l	97
4) Vinyl Chloride	1.600	62	142426	44.593	ug/l	99
5) Bromomethane	1.838	94	56695	57.086	ug/l	97
6) Chloroethane	1.919	64	86245	58.207	ug/l	99
7) Trichlorofluoromethane	2.131	101	177109	43.510	ug/l	97
8) Diethyl Ether	2.375	74	80870	54.999	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.575	101	98779	45.102	ug/l	97
10) Methyl Iodide	2.716	142	160414	70.846	ug/l	95
11) Tert butyl alcohol	3.353	59	7674	10.783	ug/l	# 1
12) 1,1-Dichloroethene	2.575	96	107230	50.008	ug/l	92
13) Acrolein	2.485	56	47994	99.587	ug/l	98
14) Allyl chloride	2.919	41	215707	49.775	ug/l	# 87
15) Acrylonitrile	3.311	53	487435	284.791	ug/l	100
16) Acetone	2.626	43	397943	259.538	ug/l	99
17) Carbon Disulfide	2.787	76	288546	43.150	ug/l	100
18) Methyl Acetate	2.944	43	199571	48.082	ug/l	93
19) Methyl tert-butyl Ether	3.362	73	459021	57.557	ug/l	96
20) Methylene Chloride	3.041	84	143690	56.392	ug/l	92
21) trans-1,2-Dichloroethene	3.349	96	118261	51.162	ug/l	91
22) Diisopropyl ether	3.989	45	454452	54.925	ug/l	# 73
23) Vinyl Acetate	3.951	43	1763994	243.238	ug/l	95
24) 1,1-Dichloroethane	3.867	63	252664	53.162	ug/l	97
25) 2-Butanone	4.700	43	657995	286.355	ug/l	94
26) 2,2-Dichloropropane	4.661	77	112541	28.451	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	150371	56.304	ug/l	97
28) Bromochloromethane	4.970	49	112636	54.219	ug/l	# 79
29) Tetrahydrofuran	5.047	42	434250	275.480	ug/l	89
30) Chloroform	5.086	83	250046	53.186	ug/l	98
31) Cyclohexane	5.388	56	190501	41.728	ug/l	91
32) 1,1,1-Trichloroethane	5.314	97	205604	50.403	ug/l	99
36) 1,1-Dichloropropene	5.523	75	162192	43.728	ug/l	97
37) Ethyl Acetate	4.800	43	217482	42.909	ug/l	# 94
38) Carbon Tetrachloride	5.523	117	169812	43.654	ug/l	99
39) Methylcyclohexane	6.761	83	169408	38.104	ug/l	91
40) Benzene	5.771	78	543299	48.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	132454	52.154	ug/l #	89
42) 1,2-Dichloroethane	5.793	62	199326	47.825	ug/l	100
43) Isopropyl Acetate	5.909	43	354934	47.792	ug/l	97
44) Trichloroethene	6.539	130	125166	47.018	ug/l	88
45) 1,2-Dichloropropane	6.790	63	151752	48.906	ug/l	99
46) Dibromomethane	6.915	93	104834	50.674	ug/l	90
47) Bromodichloromethane	7.105	83	197128	49.507	ug/l	99
48) Methyl methacrylate	6.957	41	178999	51.431	ug/l	89
49) 1,4-Dioxane	6.970	88	87688	983.417	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	1256034	252.708	ug/l	96
52) Toluene	7.967	92	323867	48.659	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	200025	46.831	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	219976	48.235	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	141772	51.518	ug/l	98
56) Ethyl methacrylate	8.333	69	248962	54.091	ug/l	93
57) 1,3-Dichloropropane	8.574	76	247803	50.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.449	63	336	13.539	ug/l #	46
59) 2-Hexanone	8.684	43	973455	249.056	ug/l	97
60) Dibromochloromethane	8.809	129	146504	51.195	ug/l	98
61) 1,2-Dibromoethane	8.922	107	151723	50.592	ug/l	99
64) Tetrachloroethene	8.552	164	92326	43.414	ug/l	92
65) Chlorobenzene	9.446	112	333893	49.259	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	132966	51.999	ug/l	99
67) Ethyl Benzene	9.568	91	603549	48.501	ug/l	96
68) m/p-Xylenes	9.693	106	441104	95.801	ug/l	88
69) o-Xylene	10.098	106	229037	50.107	ug/l	90
70) Styrene	10.114	104	375663	51.149	ug/l	96
71) Bromoform	10.291	173	113182	51.608	ug/l	99
73) Isopropylbenzene	10.484	105	563305	52.640	ug/l	96
74) N-amyl acetate	10.320	43	281453	49.694	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	255208	56.300	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	269266	52.877	ug/l	99
77) Bromobenzene	10.780	156	142112	54.406	ug/l	85
78) n-propylbenzene	10.905	91	638730	49.121	ug/l	97
79) 2-Chlorotoluene	10.986	91	412049	51.434	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	480266	51.408	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	66043	47.893	ug/l	95
82) 4-Chlorotoluene	11.095	91	455771	50.584	ug/l	93
83) tert-Butylbenzene	11.420	119	476895	51.899	ug/l	94
84) 1,2,4-Trimethylbenzene	11.465	105	485724	52.923	ug/l	94
85) sec-Butylbenzene	11.642	105	547035	47.351	ug/l	97
86) p-Isopropyltoluene	11.793	119	452121	48.392	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	246757	49.413	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	245887	48.988	ug/l	97
89) n-Butylbenzene	12.208	91	374126	43.259	ug/l	98
90) Hexachloroethane	12.475	117	83639	44.946	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	259462	51.710	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	66858	57.520	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	162864	48.423	ug/l	97
94) Hexachlorobutadiene	14.021	225	58483	37.574	ug/l	99
95) Naphthalene	14.085	128	693585	58.662	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	173590	50.140	ug/l	98

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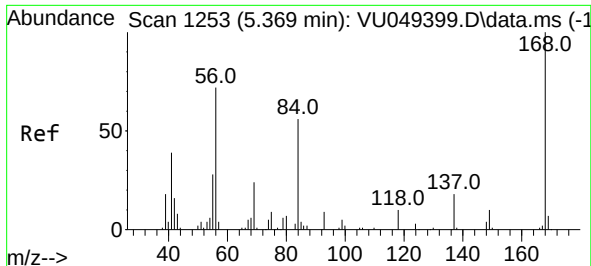
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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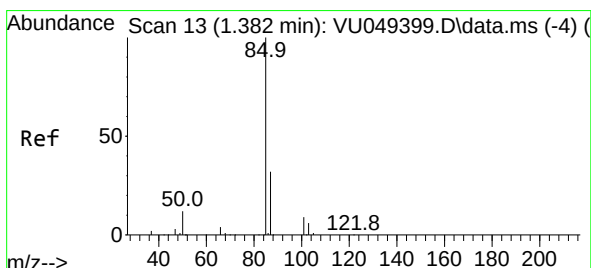
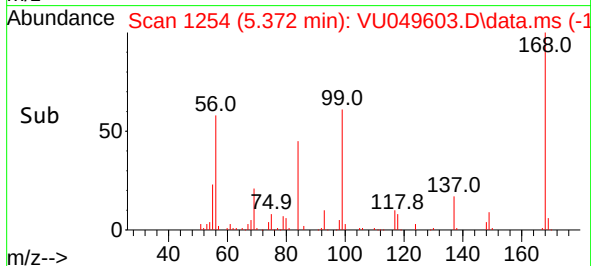
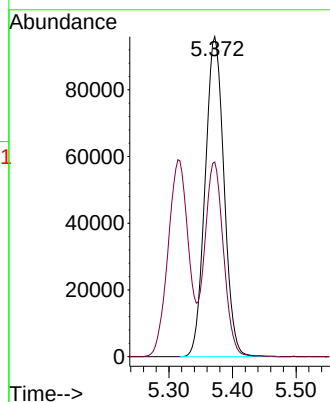
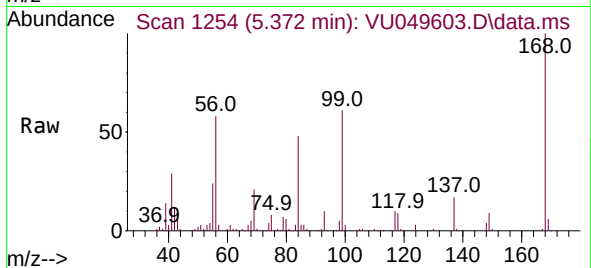




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049603.D
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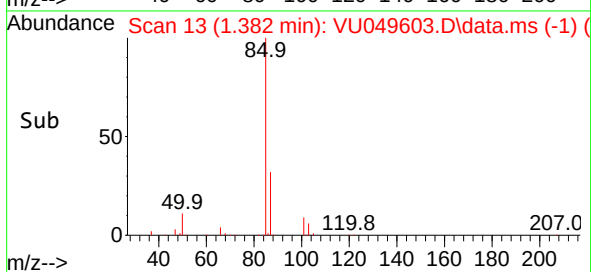
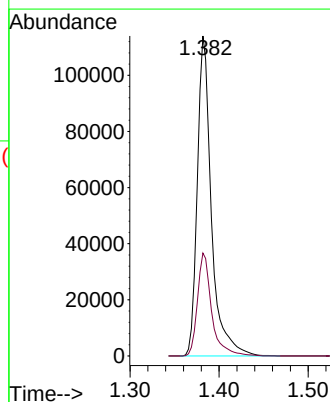
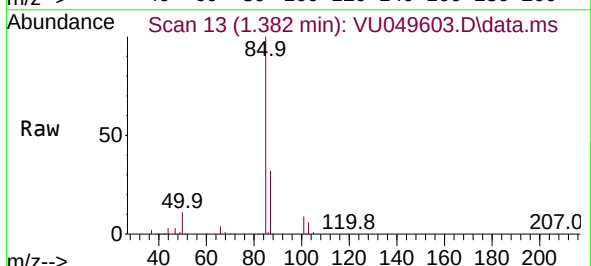
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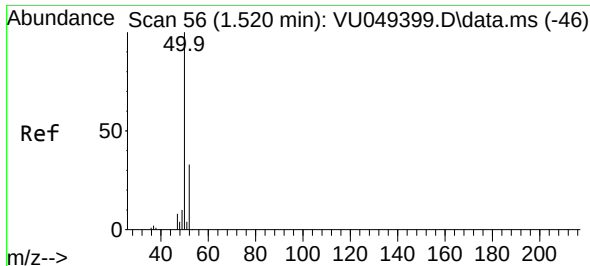
Tgt Ion:168 Resp: 197423
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 39.607 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 85 Resp: 125652
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

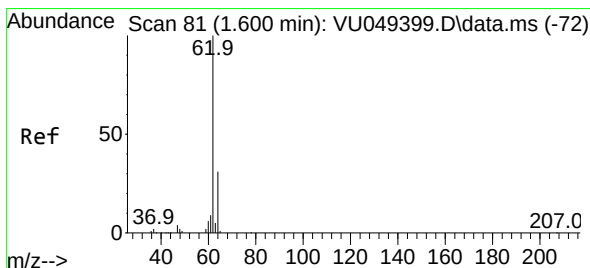
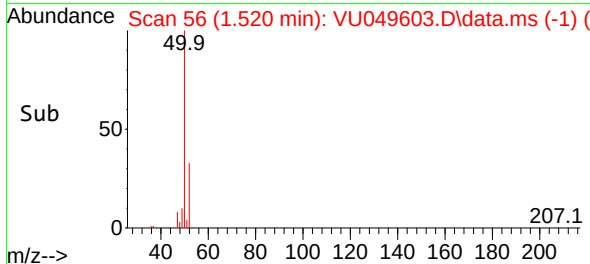
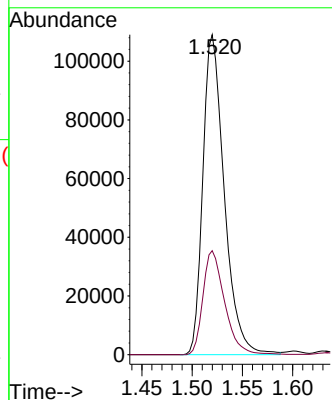
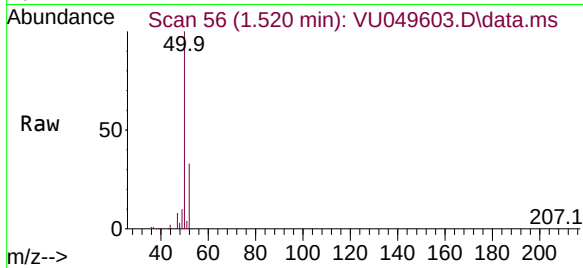




#3
Chloromethane
Concen: 41.487 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049603.D
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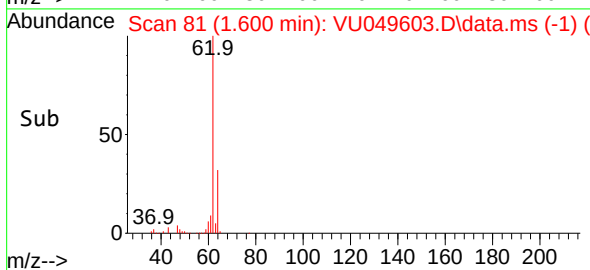
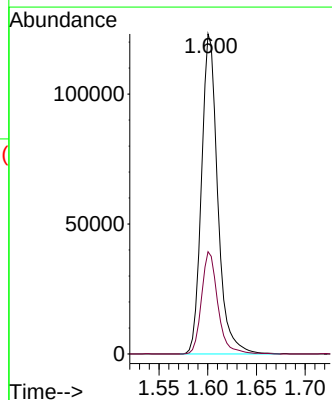
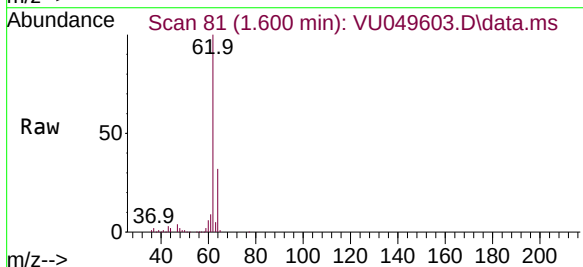
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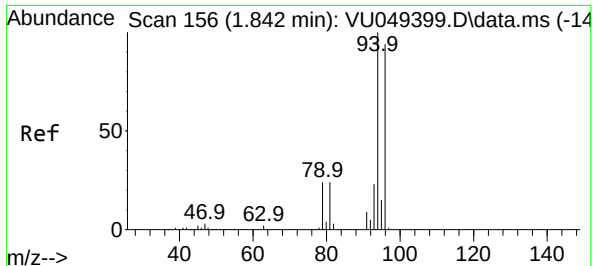
Tgt Ion: 50 Resp: 161469
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.2



#4
Vinyl Chloride
Concen: 44.593 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 62 Resp: 142426
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9

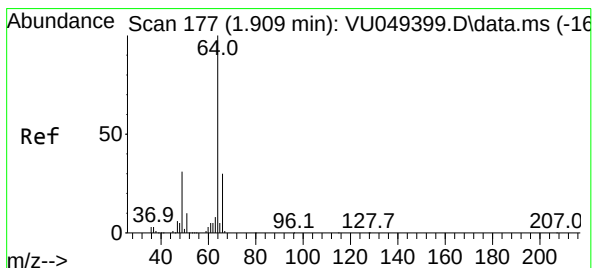
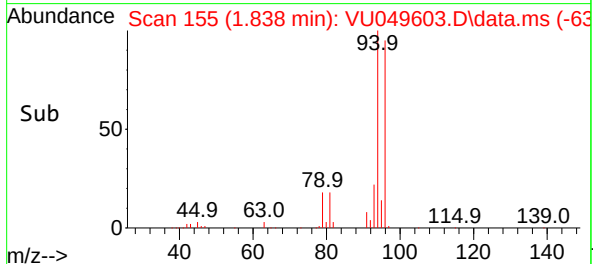
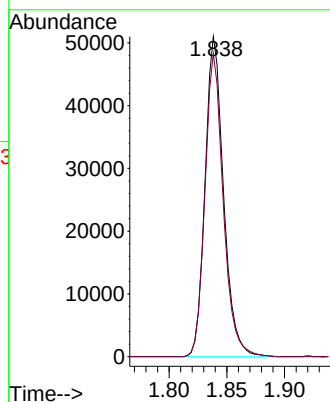
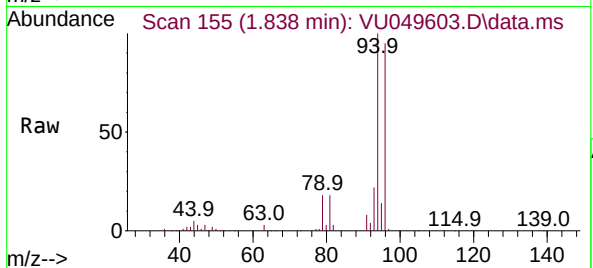




#5
Bromomethane
Concen: 57.086 ug/l
RT: 1.838 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

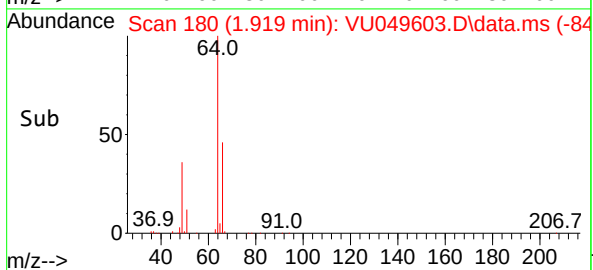
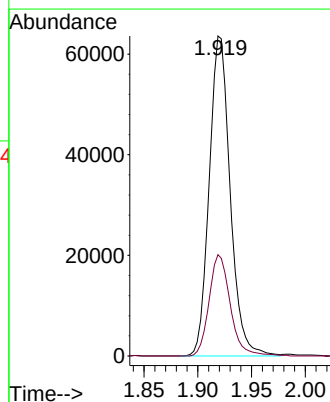
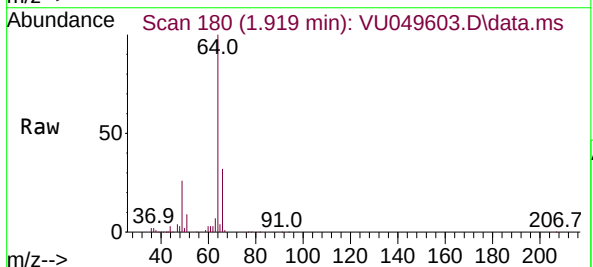
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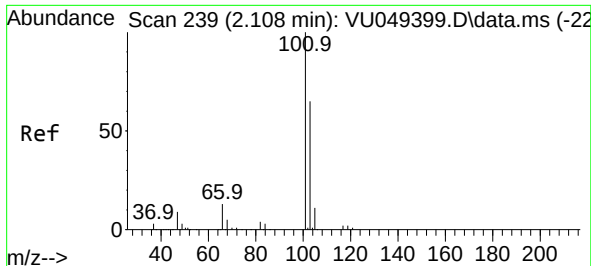
Tgt Ion: 94 Resp: 56695
Ion Ratio Lower Upper
94 100
96 94.7 73.7 110.5



#6
Chloroethane
Concen: 58.207 ug/l
RT: 1.919 min Scan# 180
Delta R.T. 0.010 min
Lab File: VU049603.D
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Tgt Ion: 64 Resp: 86245
Ion Ratio Lower Upper
64 100
66 31.6 24.7 37.1

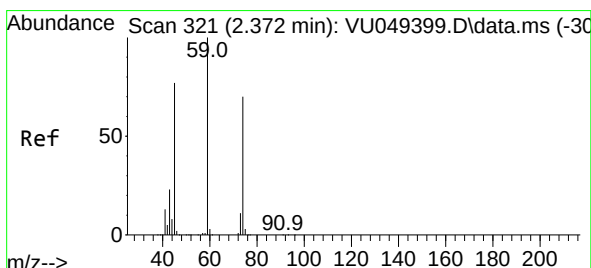
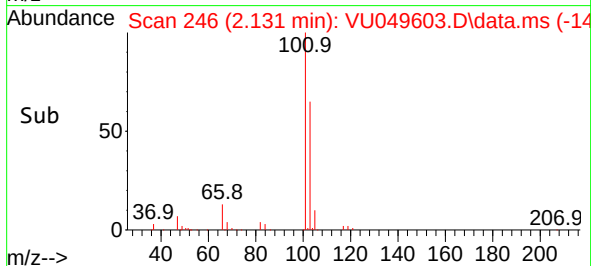
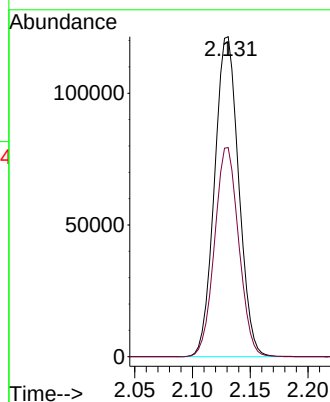
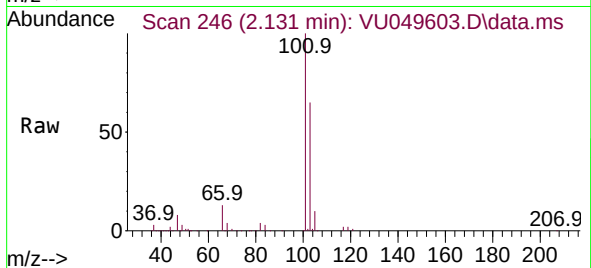




#7
Trichlorofluoromethane
Concen: 43.510 ug/l
RT: 2.131 min Scan# 24
Delta R.T. 0.022 min
Lab File: VU049603.D
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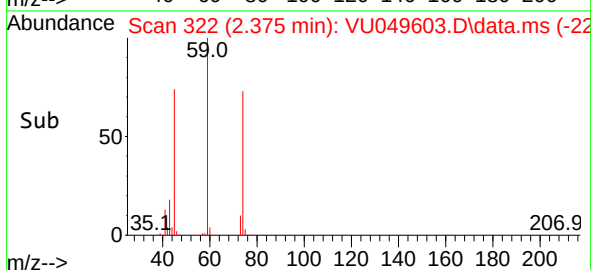
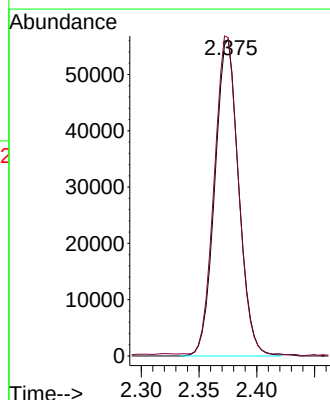
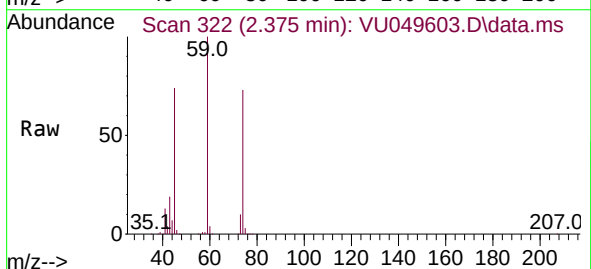
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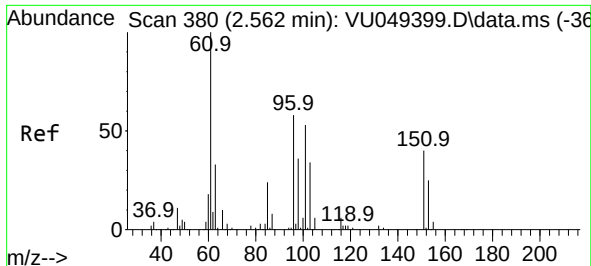
Tgt Ion:101 Resp: 177109
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8



#8
Diethyl Ether
Concen: 54.999 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.003 min
Lab File: VU049603.D
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Tgt Ion: 74 Resp: 80870
Ion Ratio Lower Upper
74 100
45 101.3 44.4 133.2

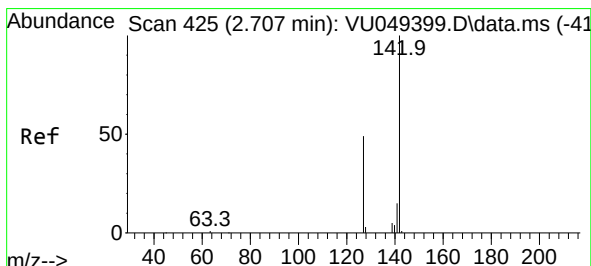
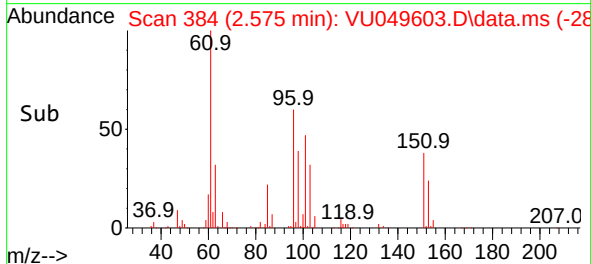
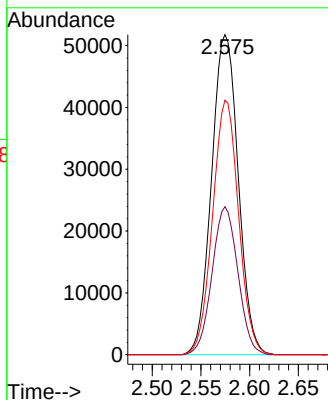
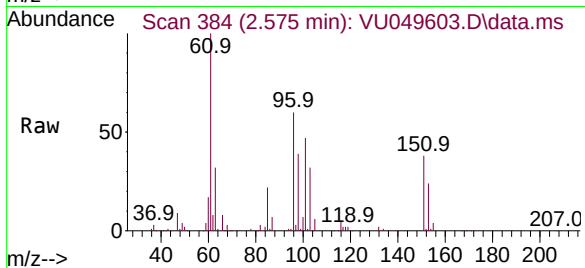




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.102 ug/l
RT: 2.575 min Scan# 380
Delta R.T. 0.013 min
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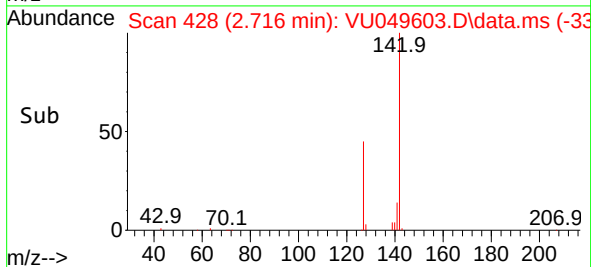
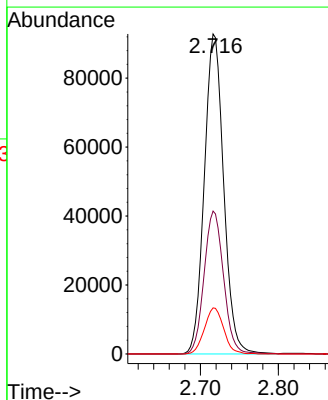
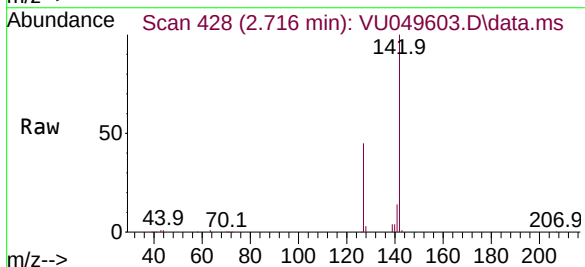
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

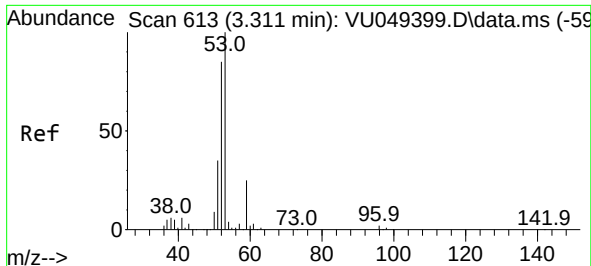
Tgt Ion:101 Resp: 98779
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 77.4 64.0 96.0



#10
Methyl Iodide
Concen: 70.846 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.010 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:142 Resp: 160414
Ion Ratio Lower Upper
142 100
127 44.9 32.5 48.7
141 14.3 11.4 17.0





#11

Tert butyl alcohol

Concen: 10.783 ug/l

RT: 3.353 min Scan# 61

Delta R.T. 0.042 min

Lab File: VU049603.D

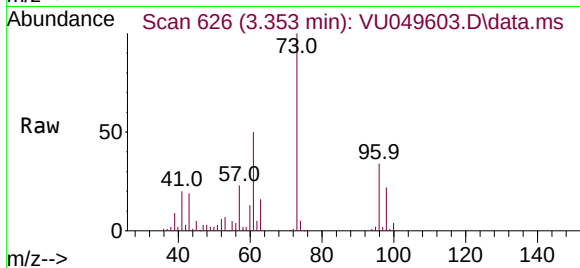
Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

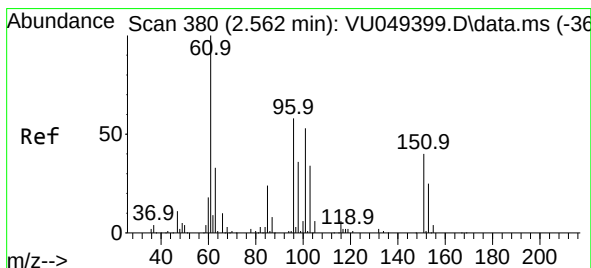
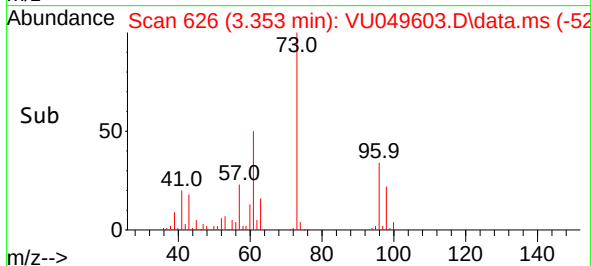
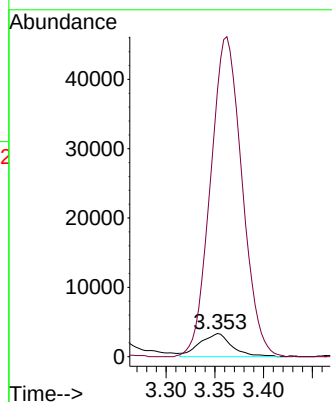
ClientSampleId :

152140-SPC-09-50MS



Tgt Ion: 59 Resp: 7674

Ion	Ratio	Lower	Upper
59	100		
57	1356.6	30.6	45.8#



#12

1,1-Dichloroethene

Concen: 50.008 ug/l

RT: 2.575 min Scan# 384

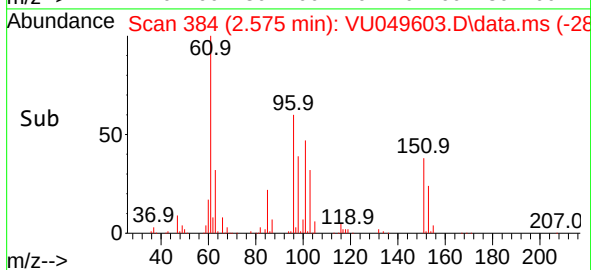
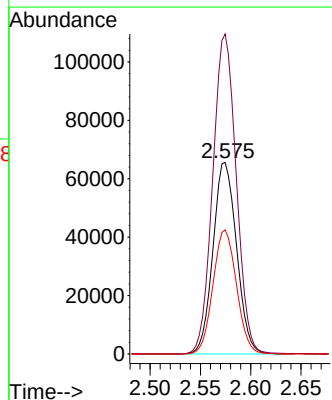
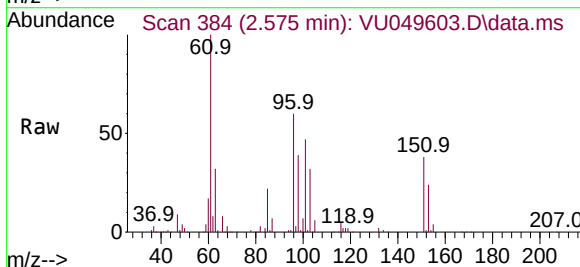
Delta R.T. 0.013 min

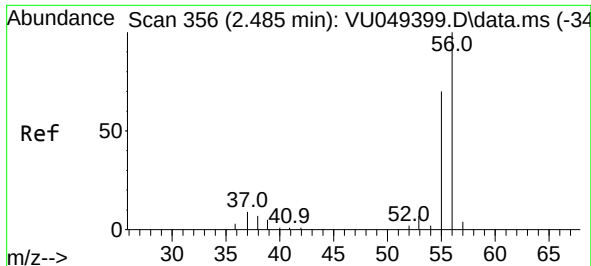
Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Tgt Ion: 96 Resp: 107230

Ion	Ratio	Lower	Upper
96	100		
61	167.1	122.2	183.2
98	64.8	50.7	76.1

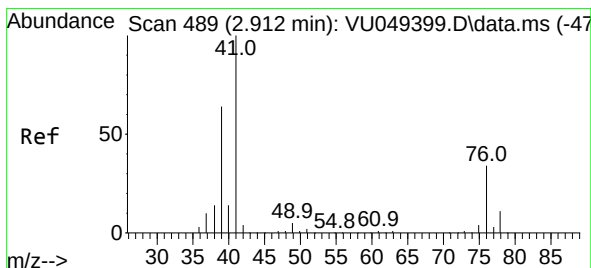
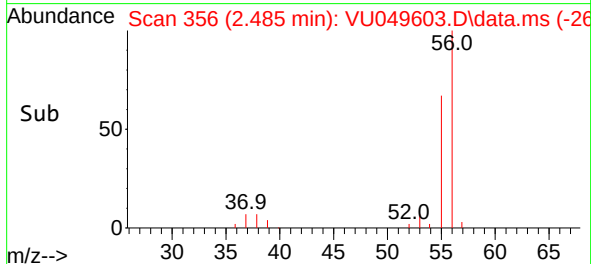
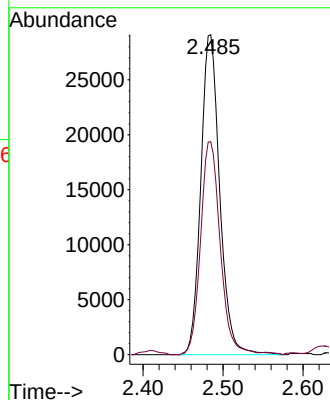
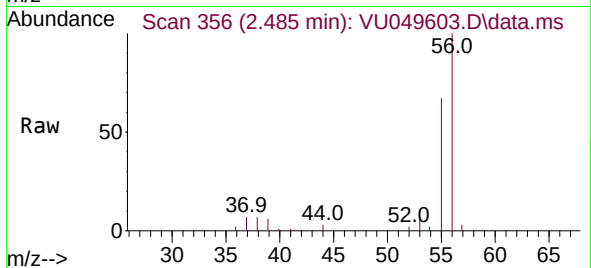




#13
Acrolein
Concen: 99.587 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

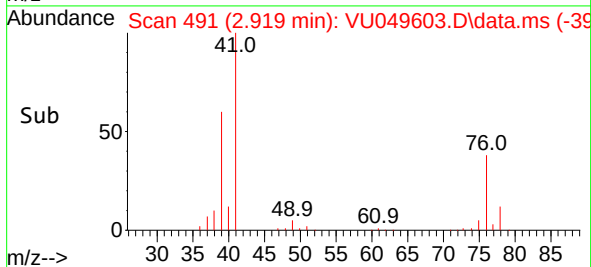
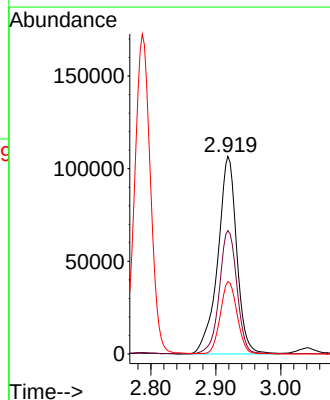
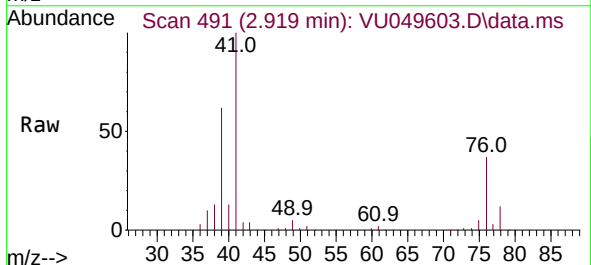
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

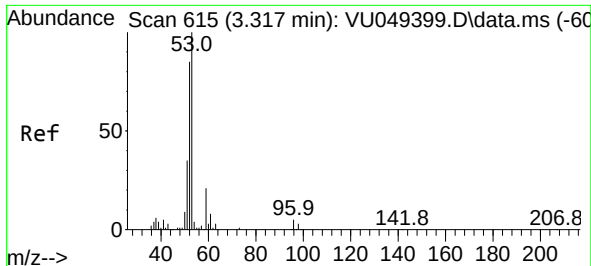
Tgt Ion: 56 Resp: 47994
Ion Ratio Lower Upper
56 100
55 69.0 56.6 85.0



#14
Allyl chloride
Concen: 49.775 ug/l
RT: 2.919 min Scan# 491
Delta R.T. 0.006 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 41 Resp: 215707
Ion Ratio Lower Upper
41 100
39 58.0 53.4 80.2
76 32.4 33.8 50.6#

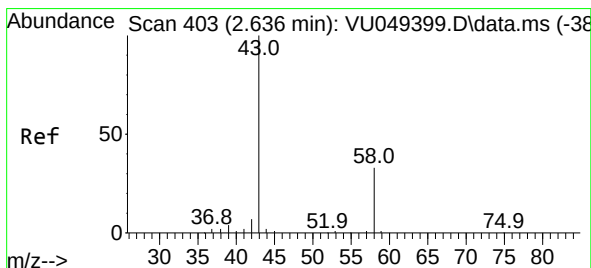
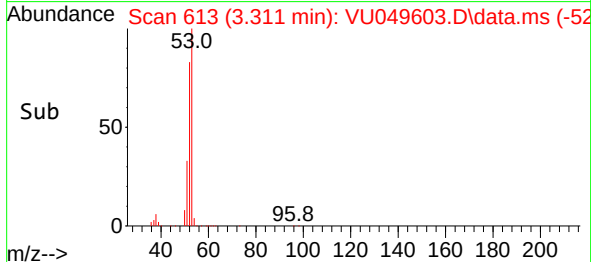
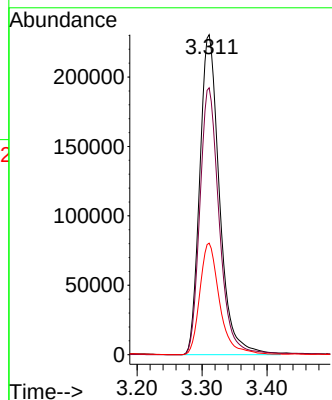
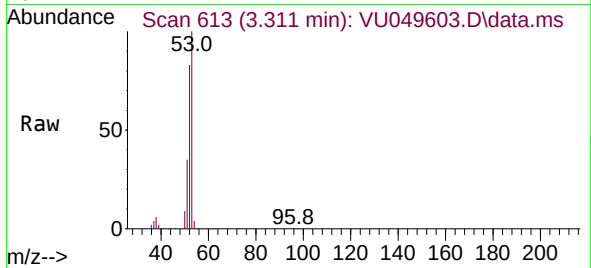




#15
Acrylonitrile
Concen: 284.791 ug/l
RT: 3.311 min Scan# 615
Delta R.T. -0.006 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

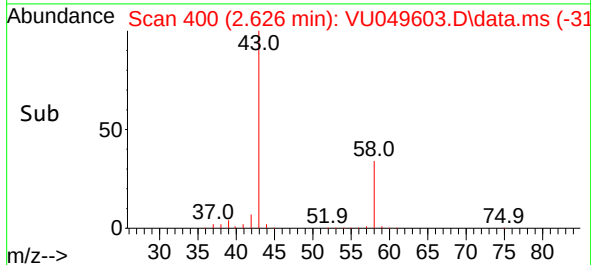
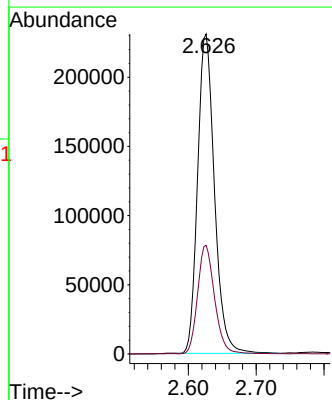
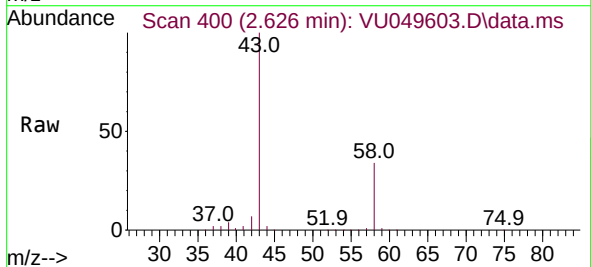
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

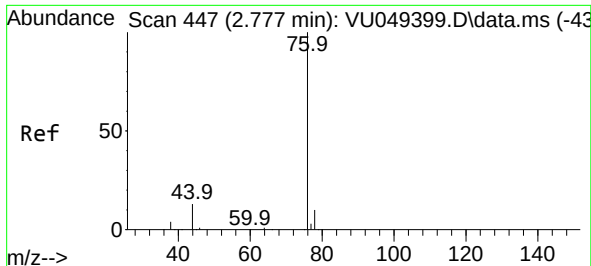
Tgt Ion: 53 Resp: 487435
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 35.0 28.2 42.4



#16
Acetone
Concen: 259.538 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 43 Resp: 397943
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3





#17

Carbon Disulfide

Concen: 43.150 ug/l

RT: 2.787 min Scan# 4

Delta R.T. 0.010 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

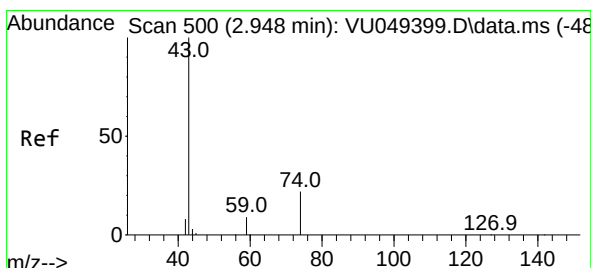
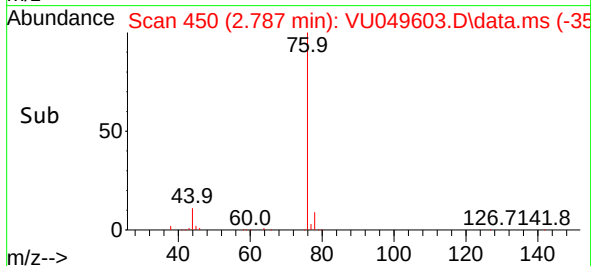
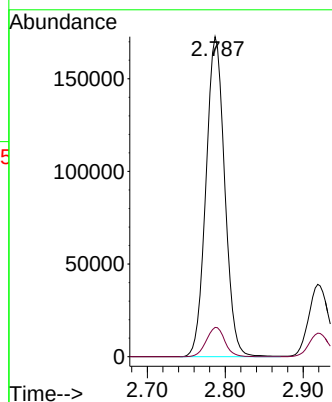
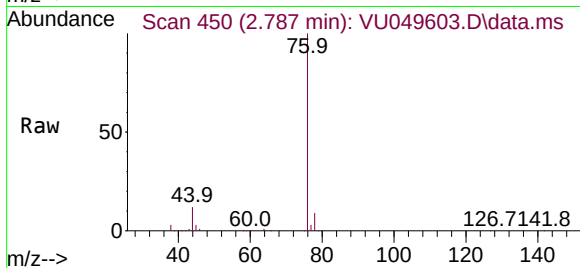
152140-SPC-09-50MS

Tgt Ion: 76 Resp: 288546

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 48.082 ug/l

RT: 2.944 min Scan# 499

Delta R.T. -0.003 min

Lab File: VU049603.D

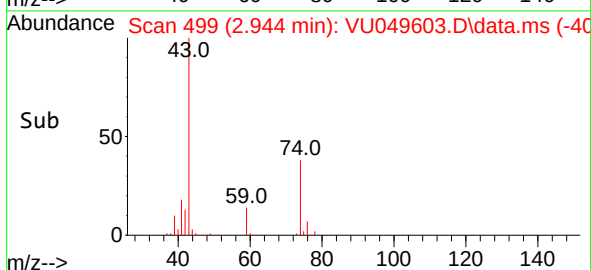
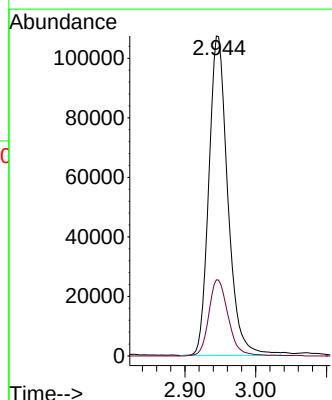
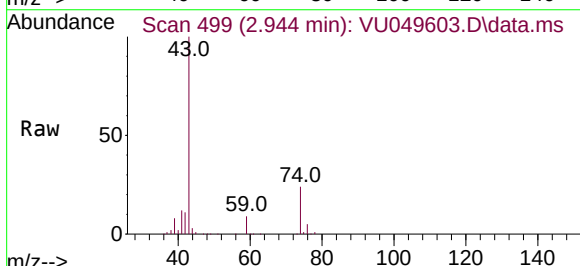
Acq: 01 Jul 2022 23:40

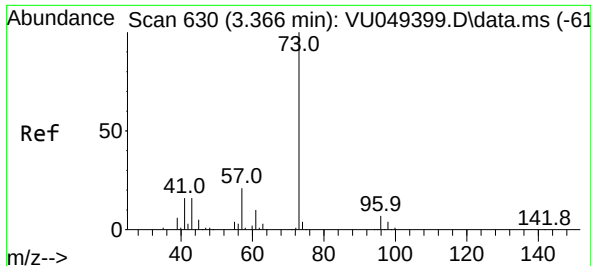
Tgt Ion: 43 Resp: 199571

Ion Ratio Lower Upper

43 100

74 24.4 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 57.557 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

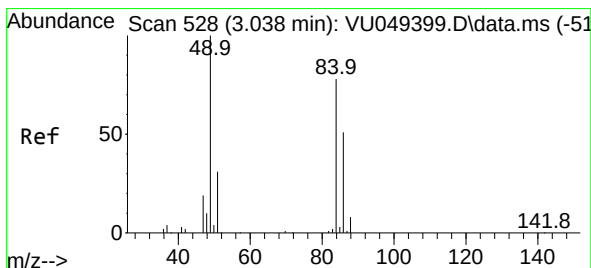
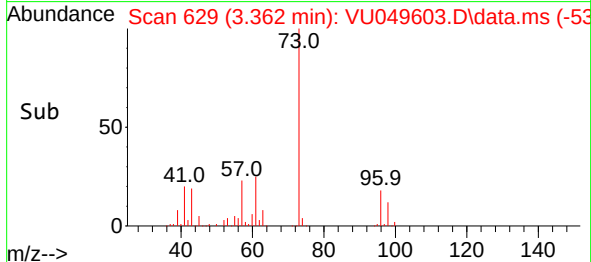
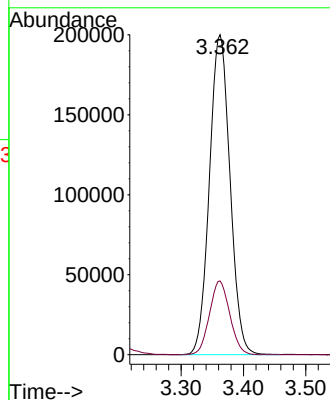
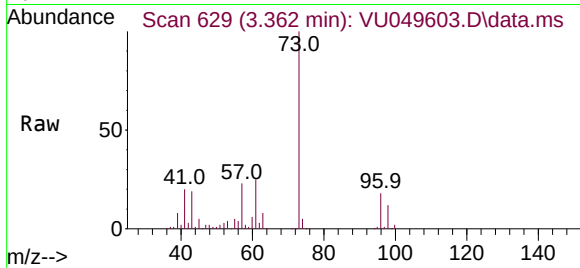
152140-SPC-09-50MS

Tgt Ion: 73 Resp: 459021

Ion Ratio Lower Upper

73 100

57 23.1 17.1 25.7



#20

Methylene Chloride

Concen: 56.392 ug/l

RT: 3.041 min Scan# 529

Delta R.T. 0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Tgt Ion: 84 Resp: 143690

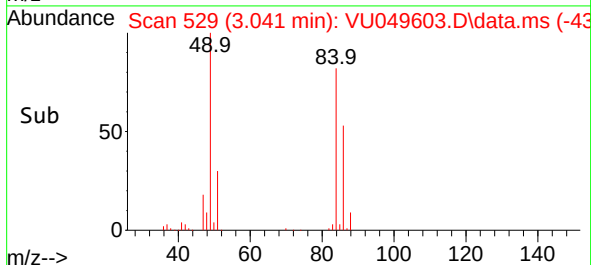
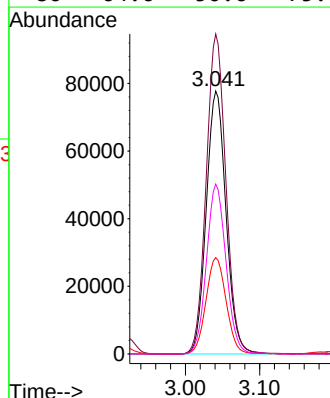
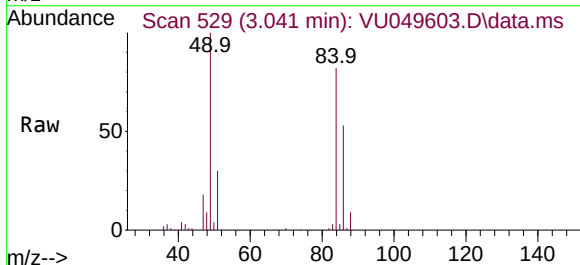
Ion Ratio Lower Upper

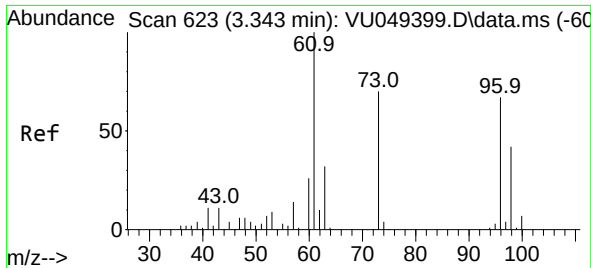
84 100

49 121.7 86.6 129.8

51 36.6 26.6 40.0

86 64.6 50.6 75.8

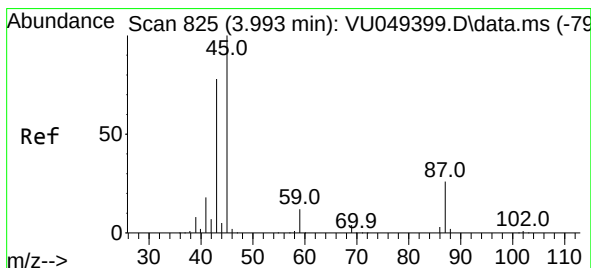
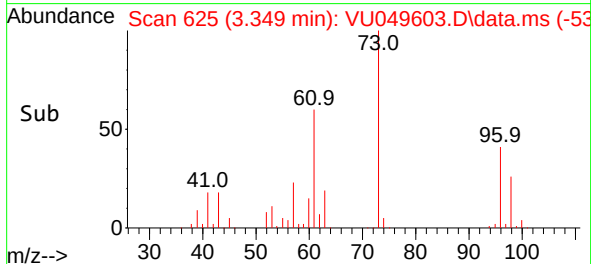
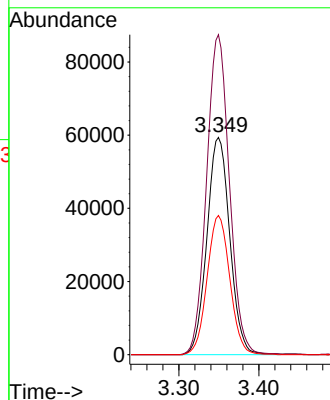
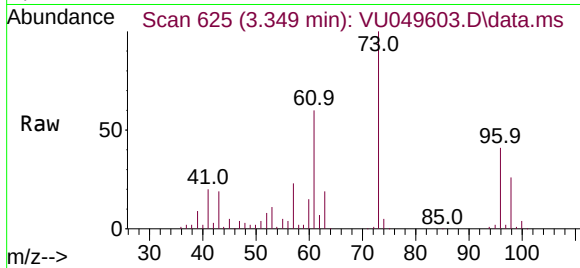




#21
trans-1,2-Dichloroethene
Concen: 51.162 ug/l
RT: 3.349 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

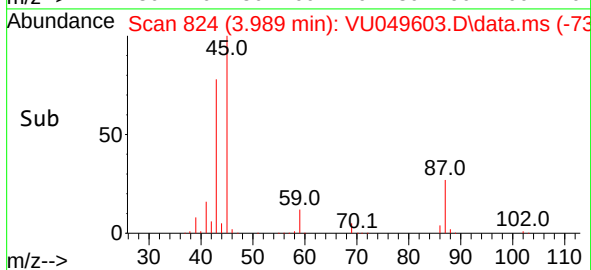
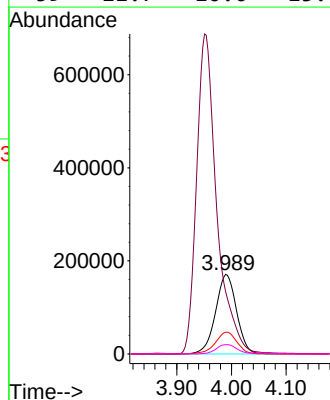
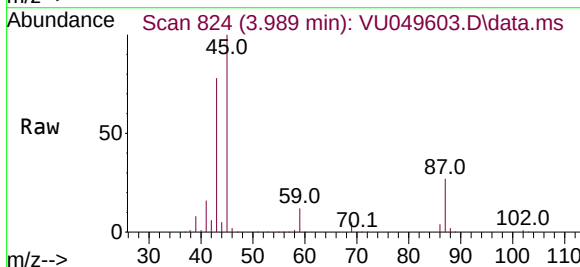
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

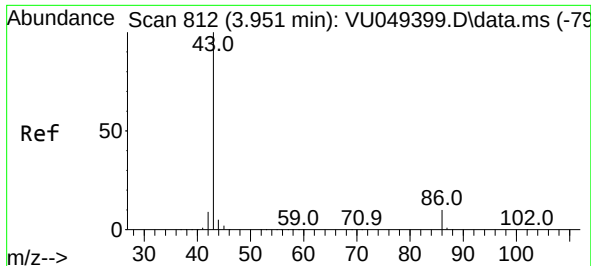
Tgt Ion: 96 Resp: 118261
Ion Ratio Lower Upper
96 100
61 147.2 106.1 159.1
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 54.925 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 45 Resp: 454452
Ion Ratio Lower Upper
45 100
43 78.0 92.9 139.3#
87 27.4 26.2 39.2
59 11.7 10.0 15.0

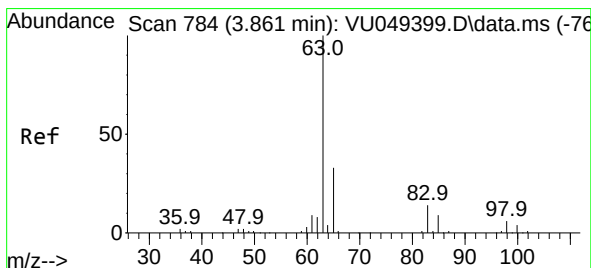
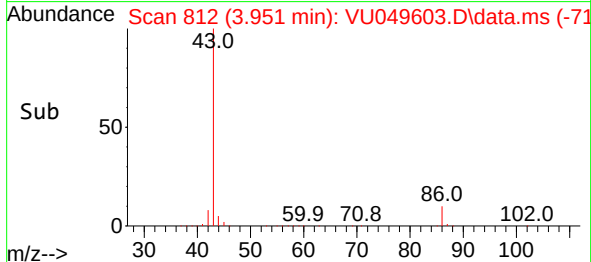
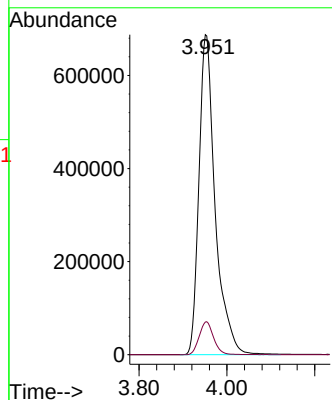
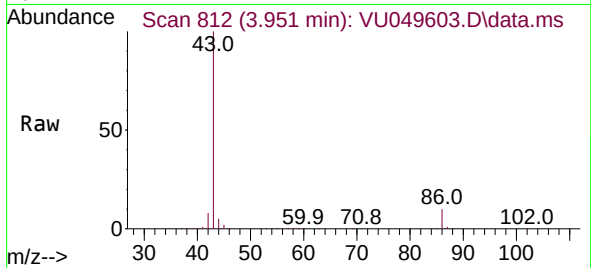




#23
 Vinyl Acetate
 Concen: 243.238 ug/l
 RT: 3.951 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

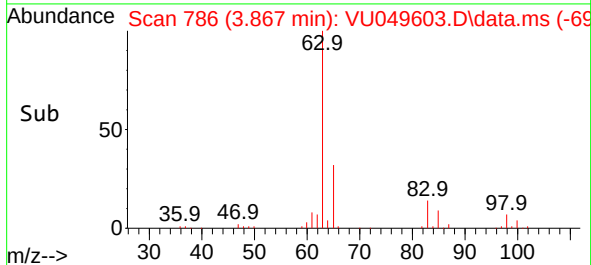
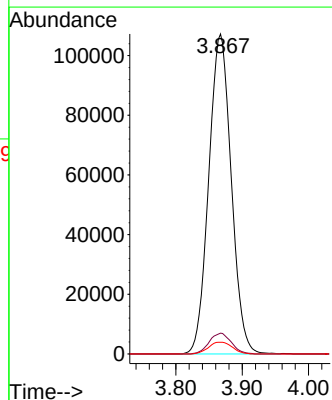
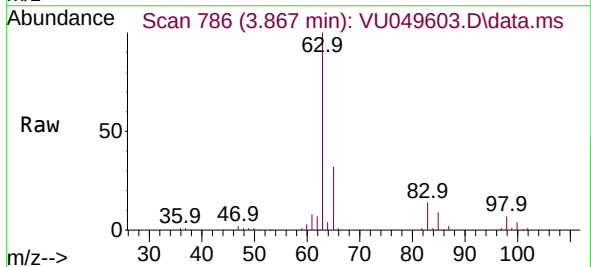
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

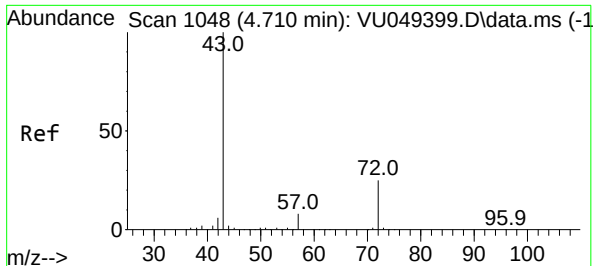
Tgt Ion: 43 Resp: 1763994
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 53.162 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

Tgt Ion: 63 Resp: 252664
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.7 2.4 7.2





#25

2-Butanone

Concen: 286.355 ug/l

RT: 4.700 min Scan# 1048

Delta R.T. -0.010 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

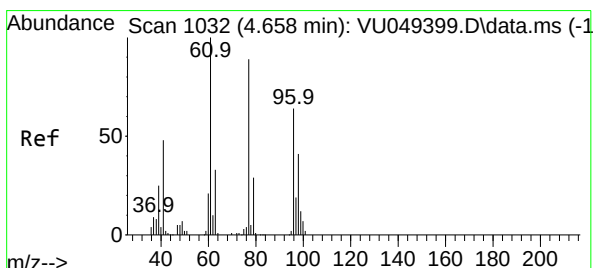
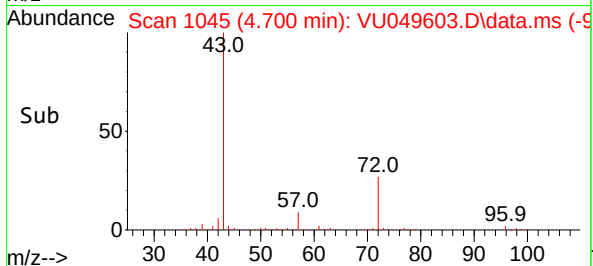
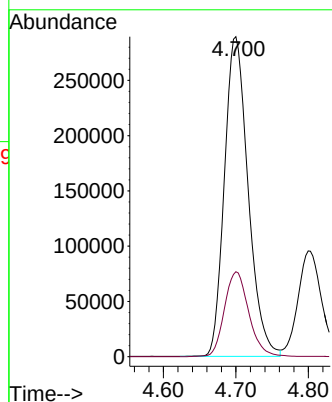
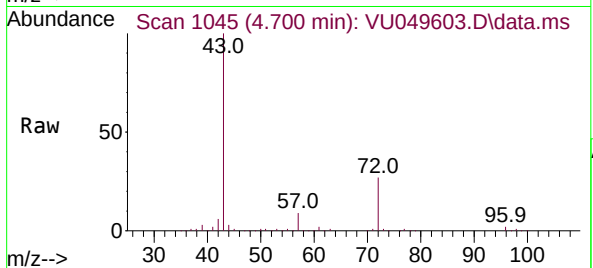
152140-SPC-09-50MS

Tgt Ion: 43 Resp: 657995

Ion Ratio Lower Upper

43 100

72 26.6 23.8 35.6



#26

2,2-Dichloropropane

Concen: 28.451 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU049603.D

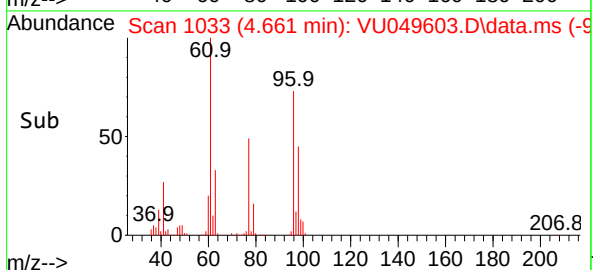
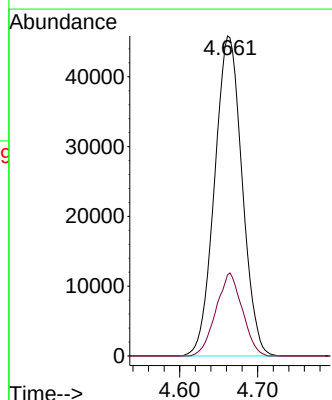
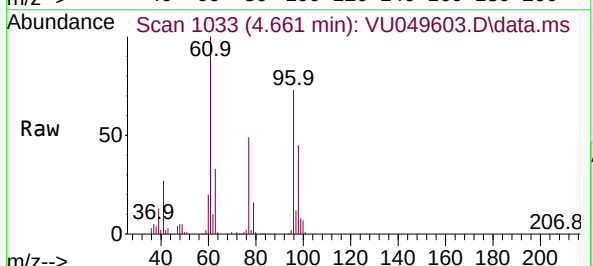
Acq: 01 Jul 2022 23:40

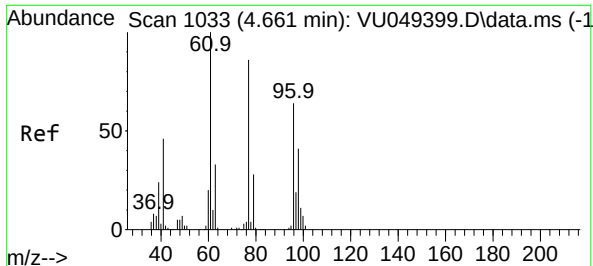
Tgt Ion: 77 Resp: 112541

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8

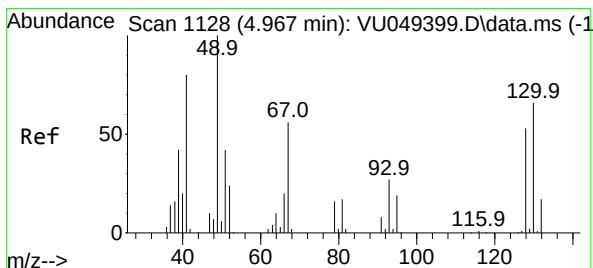
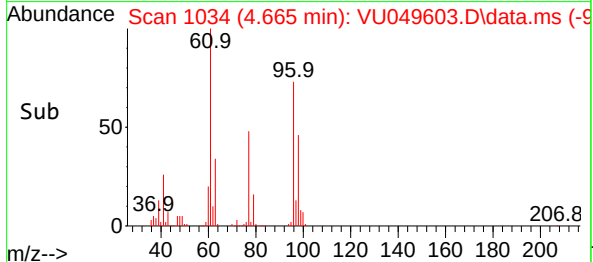
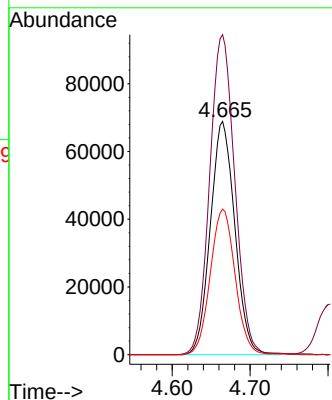
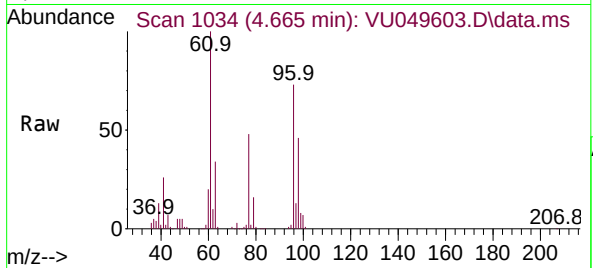




#27
 cis-1,2-Dichloroethene
 Concen: 56.304 ug/l
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

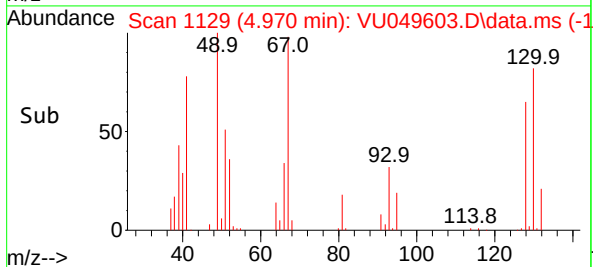
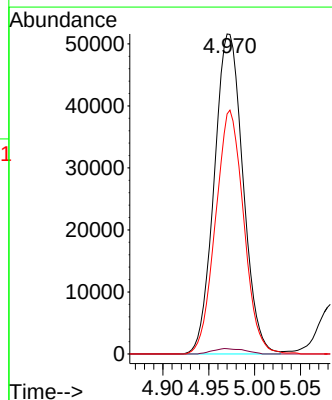
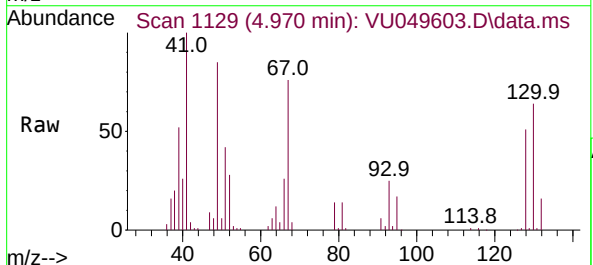
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

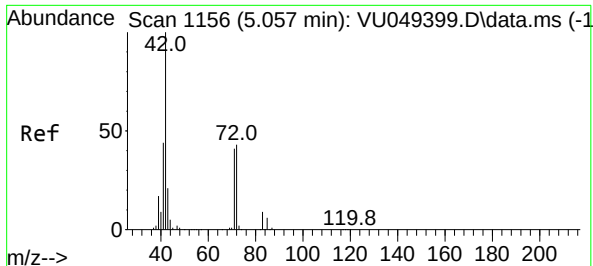
Tgt Ion: 96 Resp: 150371
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 271.6
 98 63.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 54.219 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.003 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

Tgt Ion: 49 Resp: 112636
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 74.7 76.9 115.3#

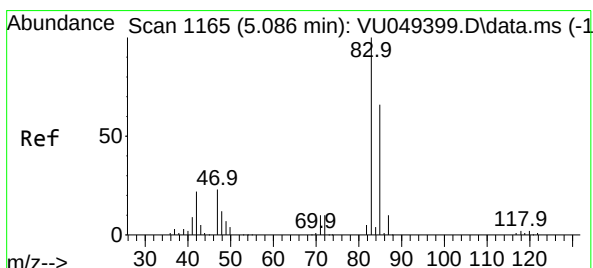
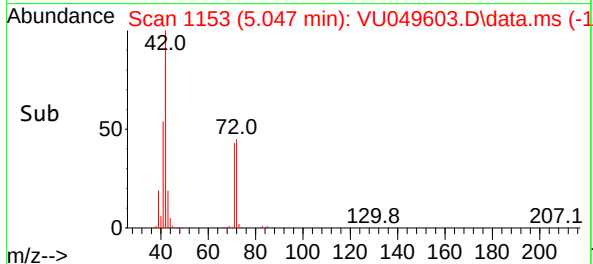
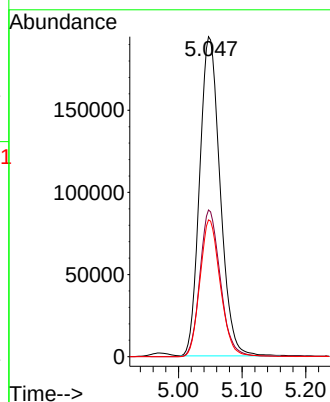
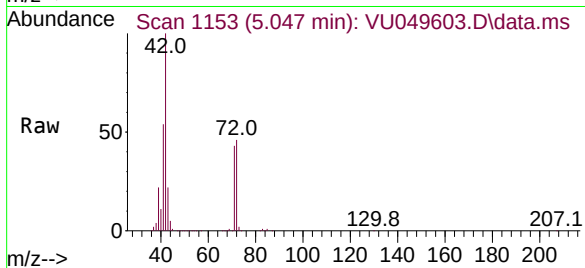




#29
Tetrahydrofuran
Concen: 275.480 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. -0.010 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

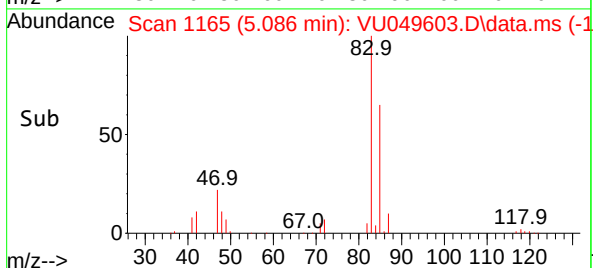
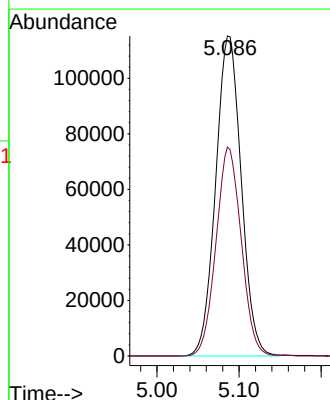
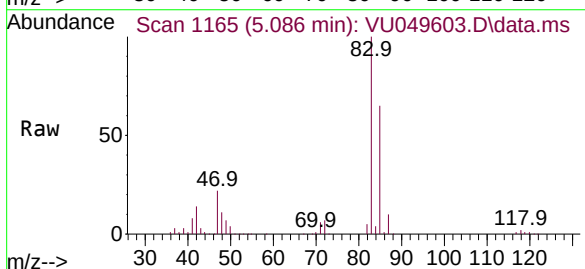
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

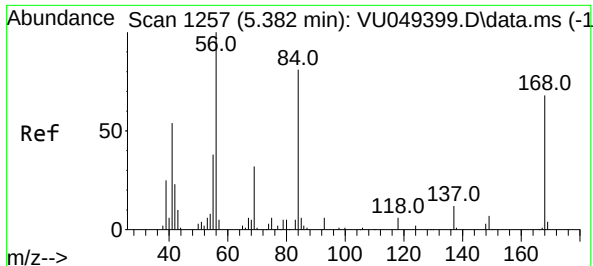
Tgt Ion: 42 Resp: 434250
Ion Ratio Lower Upper
42 100
72 46.0 42.6 63.8
71 42.7 40.3 60.5



#30
Chloroform
Concen: 53.186 ug/l
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 83 Resp: 250046
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8

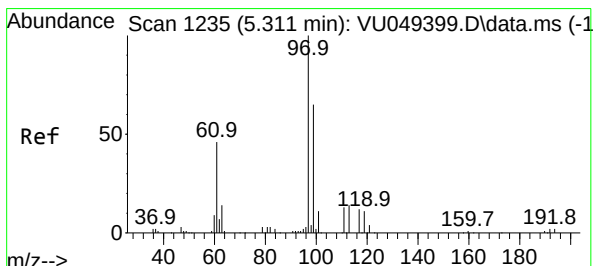
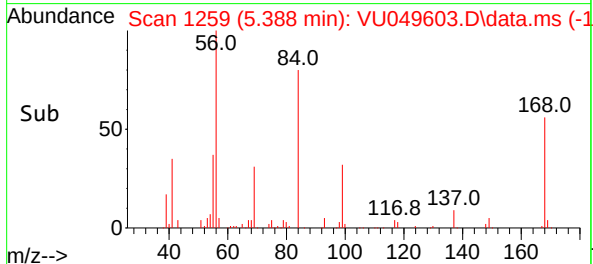
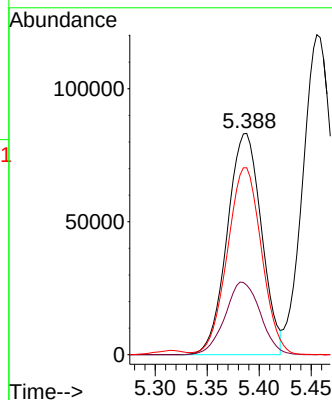
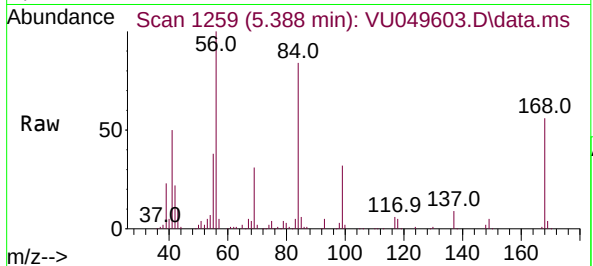




#31
Cyclohexane
Concen: 41.728 ug/l
RT: 5.388 min Scan# 1257
Delta R.T. 0.006 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

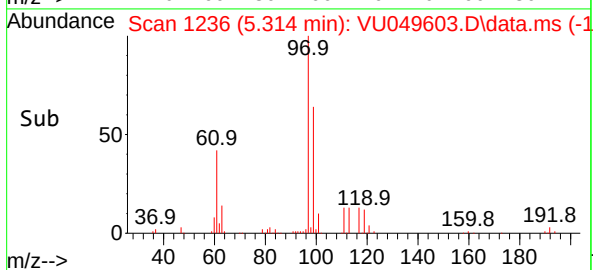
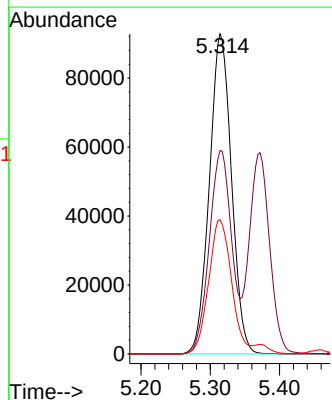
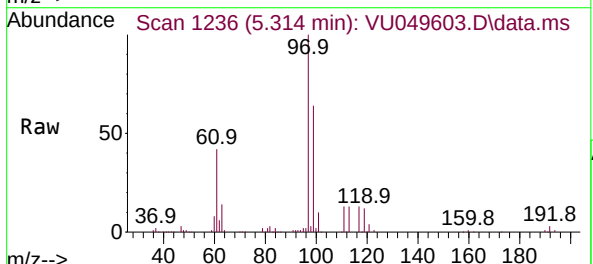
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

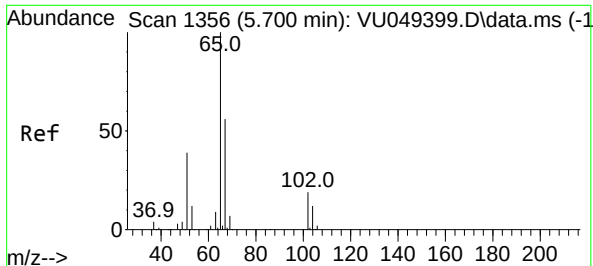
Tgt Ion: 56 Resp: 190501
Ion Ratio Lower Upper
56 100
69 31.3 27.8 41.8
84 82.8 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 50.403 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 97 Resp: 205604
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.946 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

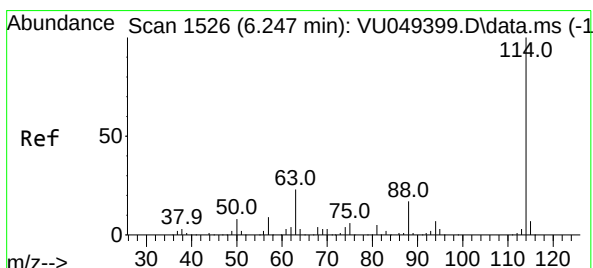
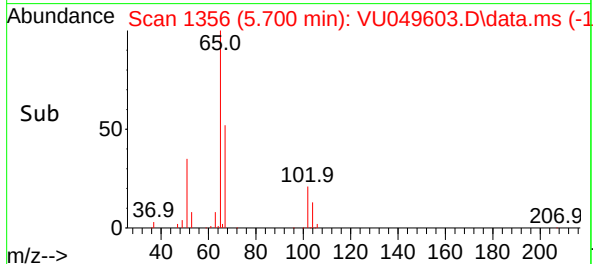
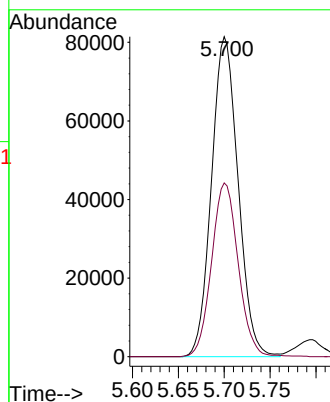
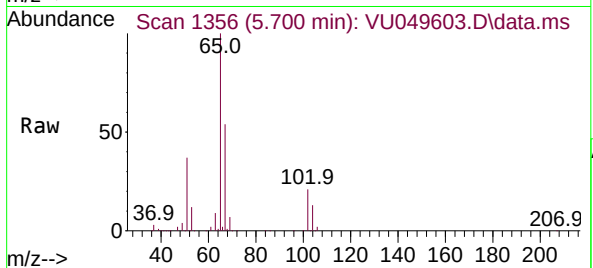
152140-SPC-09-50MS

Tgt Ion: 65 Resp: 164019

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.246 min Scan# 1526

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

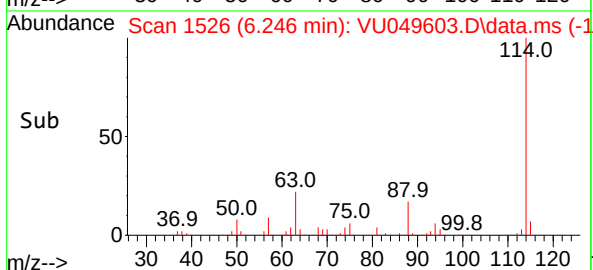
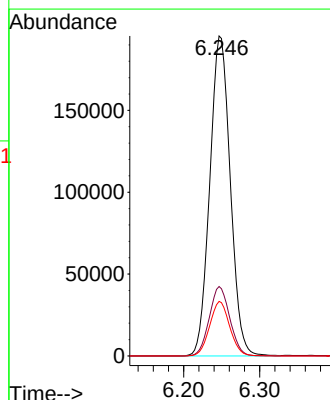
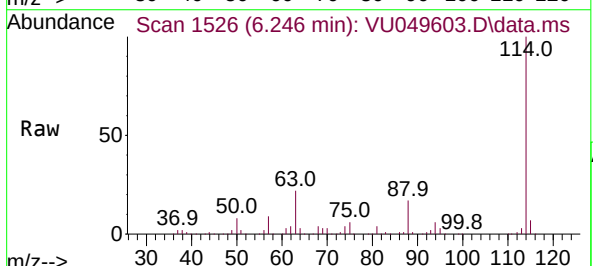
Tgt Ion: 114 Resp: 365631

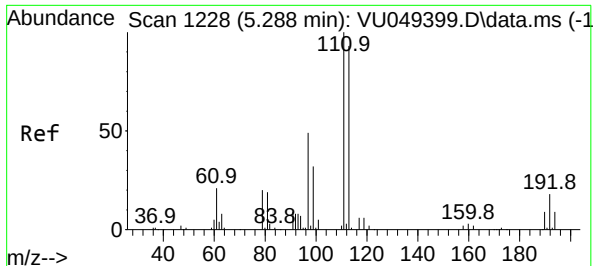
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 17.0 0.0 29.2

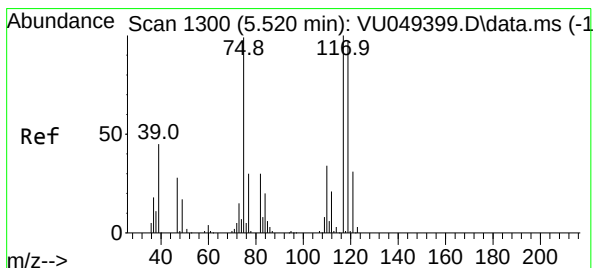
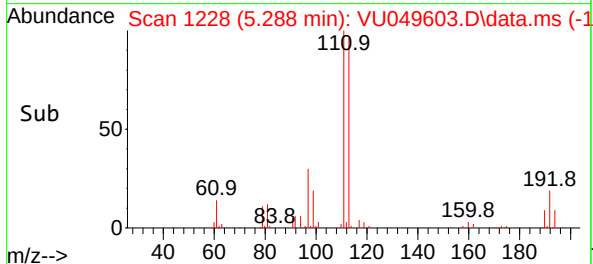
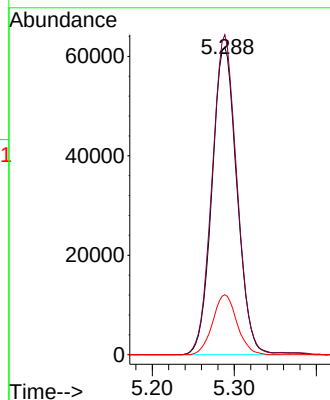
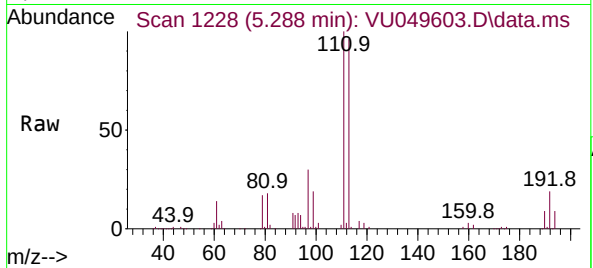




#35
Dibromofluoromethane
Concen: 51.271 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

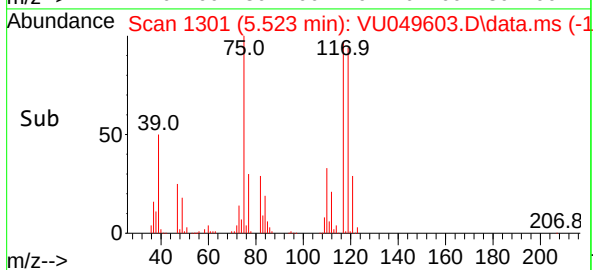
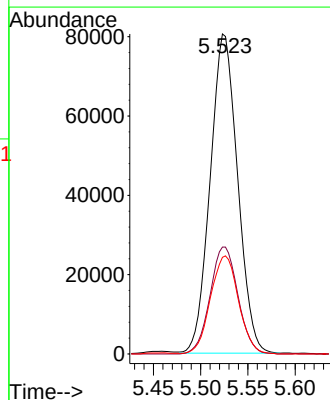
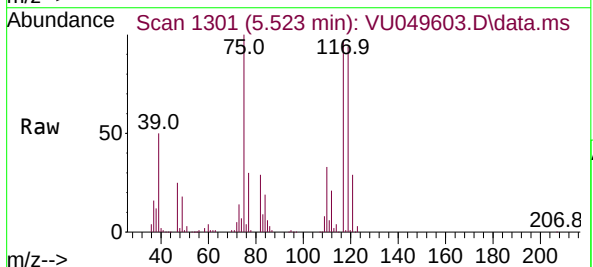
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

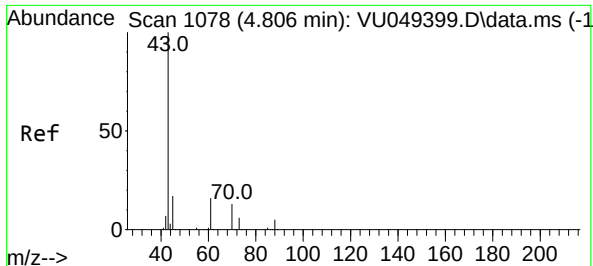
Tgt Ion:113 Resp: 131153
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 18.9 18.0 27.0



#36
1,1-Dichloropropene
Concen: 43.728 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 75 Resp: 162192
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 42.909 ug/l

RT: 4.800 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

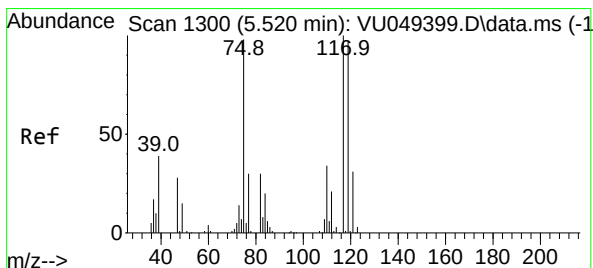
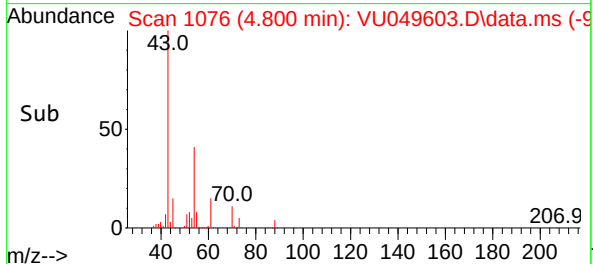
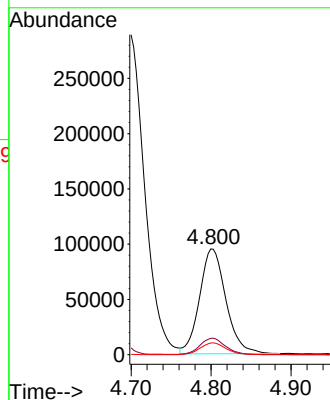
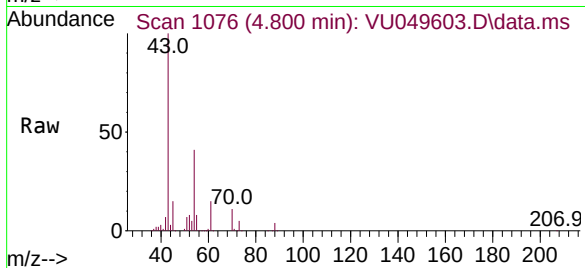
Tgt Ion: 43 Resp: 217482

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 43.654 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

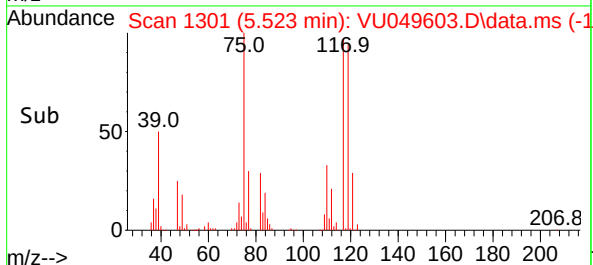
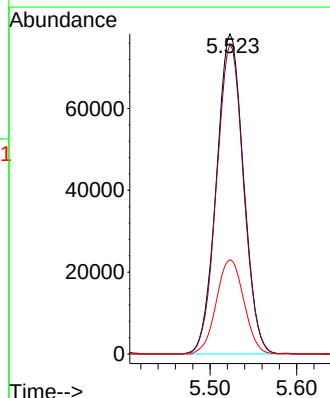
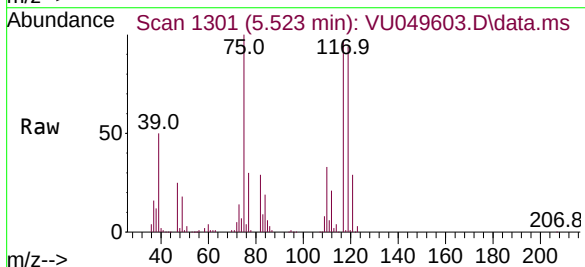
Tgt Ion: 117 Resp: 169812

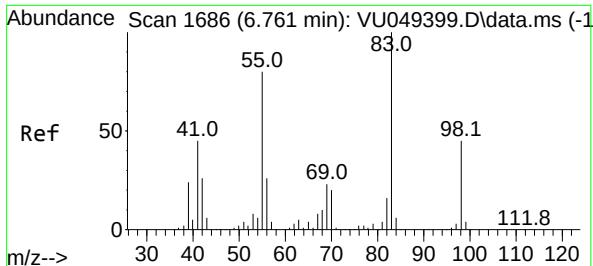
Ion Ratio Lower Upper

117 100

119 96.8 76.8 115.2

121 29.4 24.7 37.1

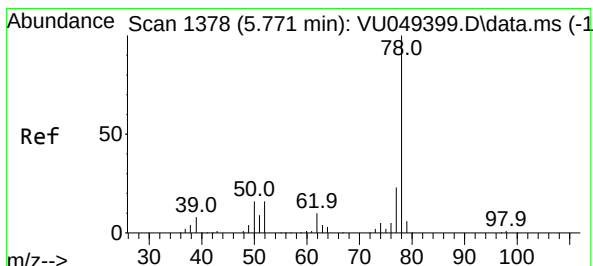
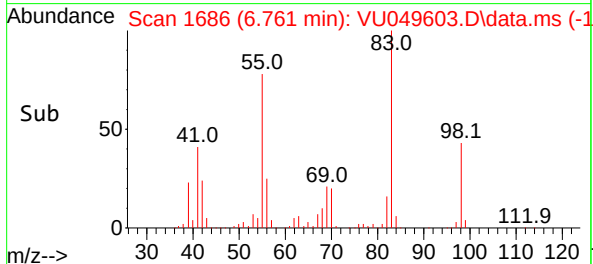
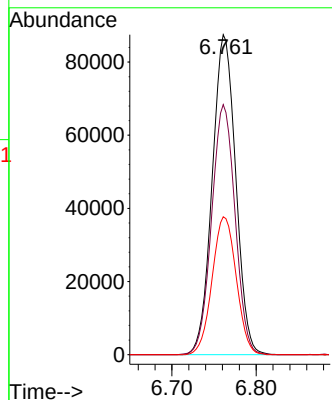
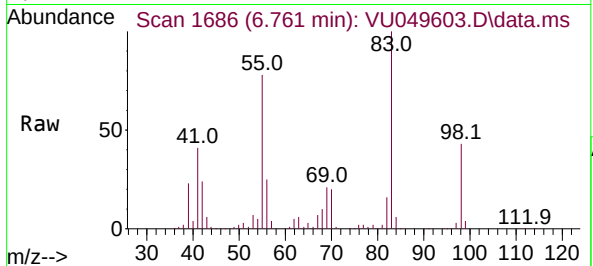




#39
Methylcyclohexane
Concen: 38.104 ug/l
RT: 6.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

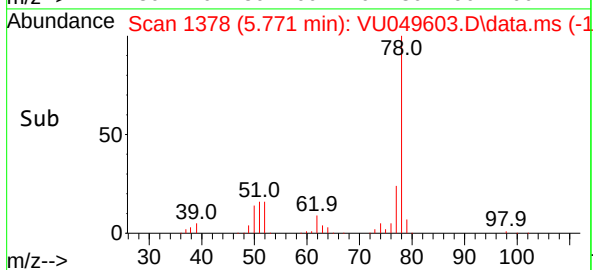
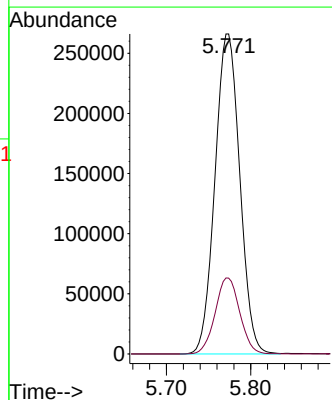
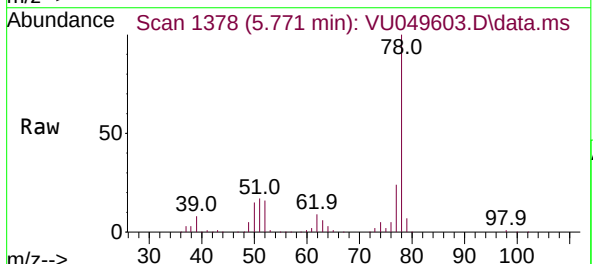
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

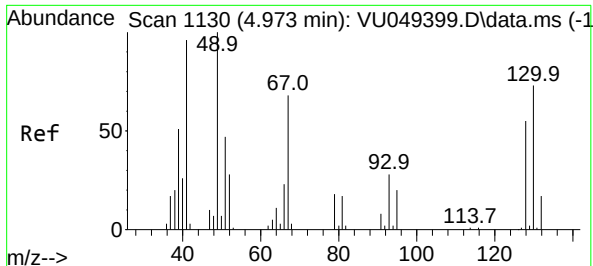
Tgt Ion: 83 Resp: 169408
Ion Ratio Lower Upper
83 100
55 78.2 55.3 82.9
98 43.1 37.3 55.9



#40
Benzene
Concen: 48.516 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 78 Resp: 543299
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



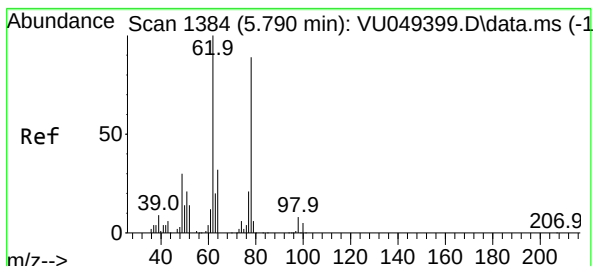
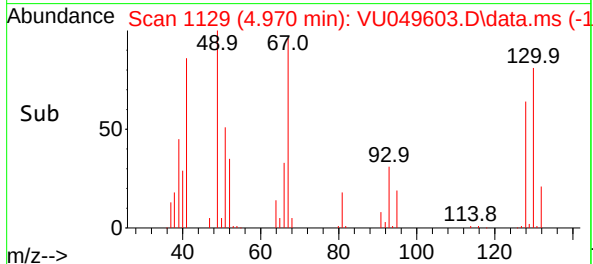
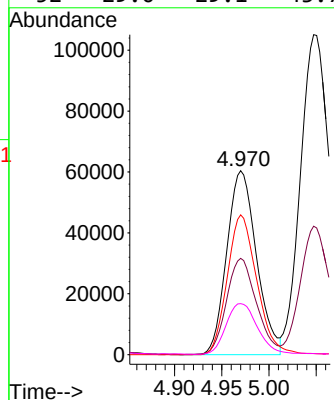
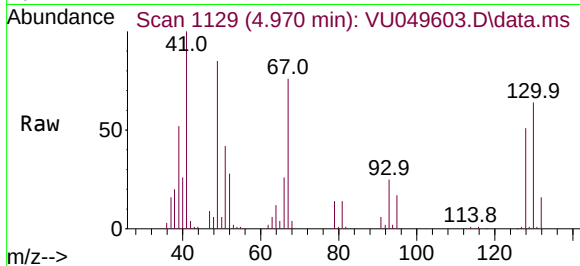


#41
Methacrylonitrile
Concen: 52.154 ug/l
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

Tgt Ion: 41 Resp: 132454

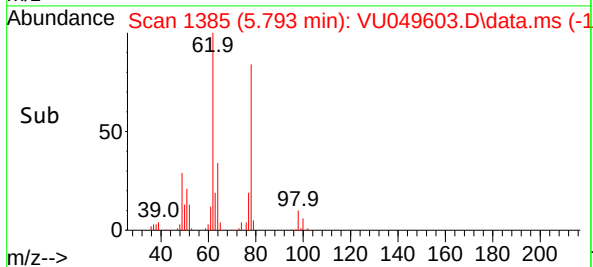
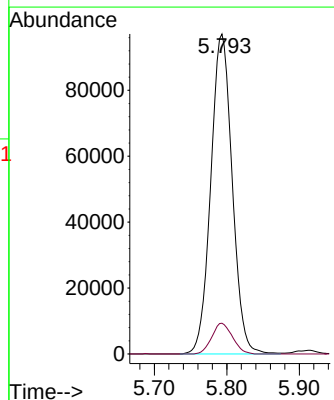
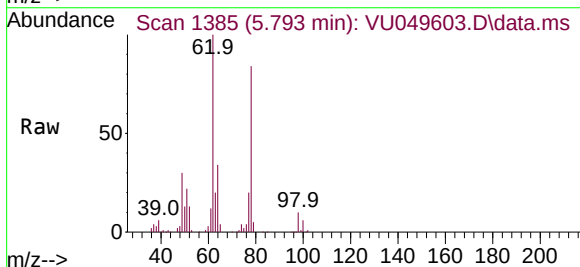
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.1	64.7
67	75.7	72.3	108.5
52	29.0	29.1	43.7

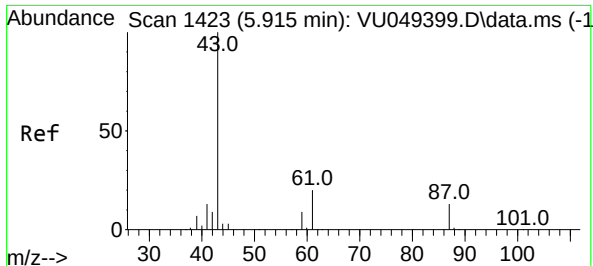


#42
1,2-Dichloroethane
Concen: 47.825 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 62 Resp: 199326

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 47.792 ug/l

RT: 5.909 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

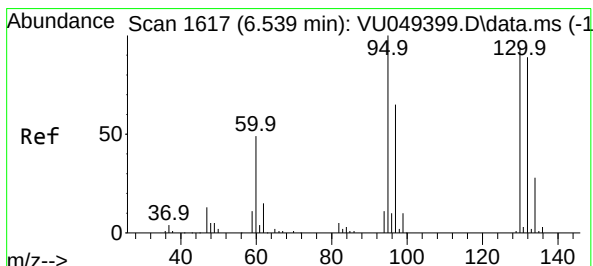
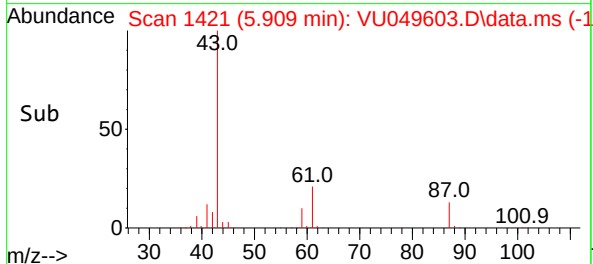
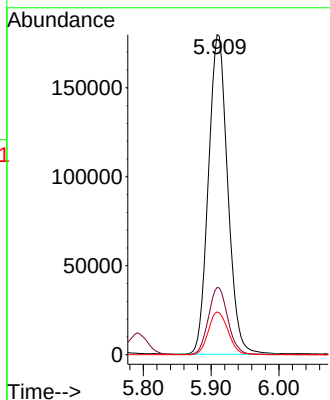
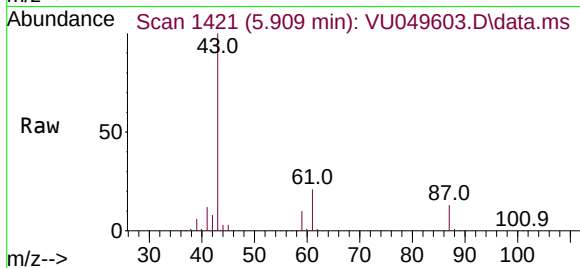
Tgt Ion: 43 Resp: 354934

Ion Ratio Lower Upper

43 100

61 21.3 17.4 26.0

87 13.6 12.6 18.8



#44

Trichloroethene

Concen: 47.018 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU049603.D

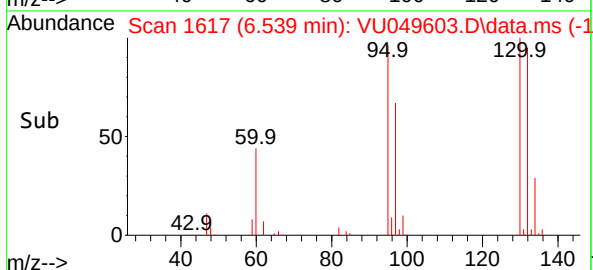
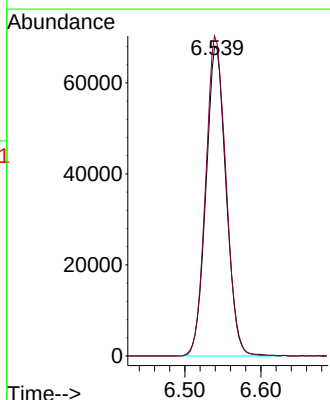
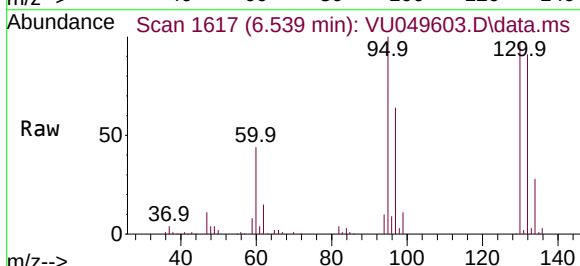
Acq: 01 Jul 2022 23:40

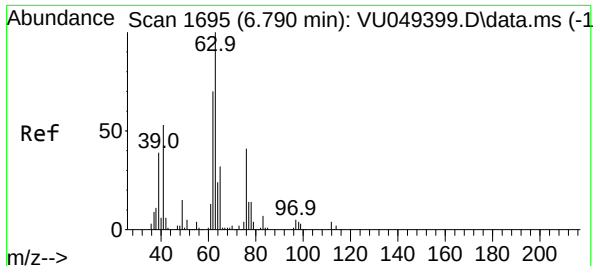
Tgt Ion:130 Resp: 125166

Ion Ratio Lower Upper

130 100

95 103.5 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.906 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

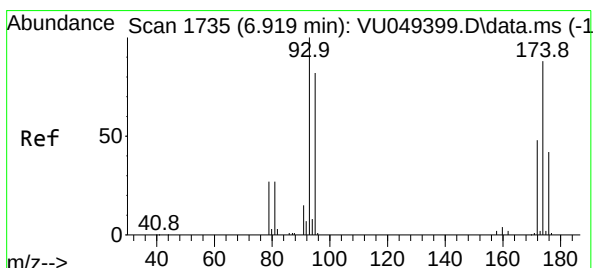
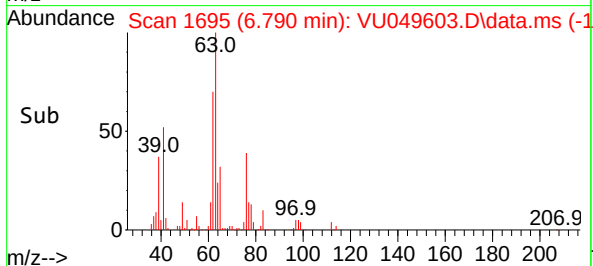
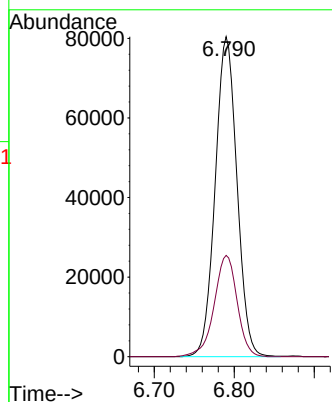
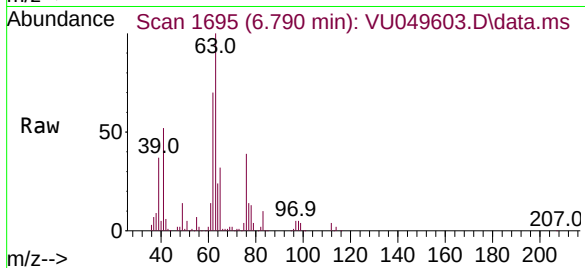
152140-SPC-09-50MS

Tgt Ion: 63 Resp: 151752

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4



#46

Dibromomethane

Concen: 50.674 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

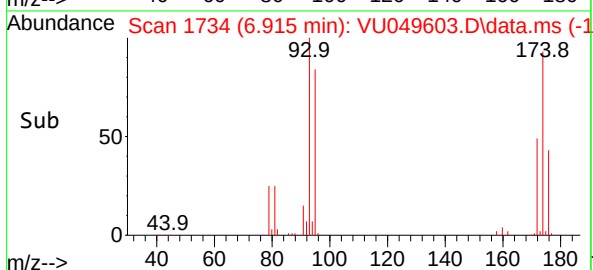
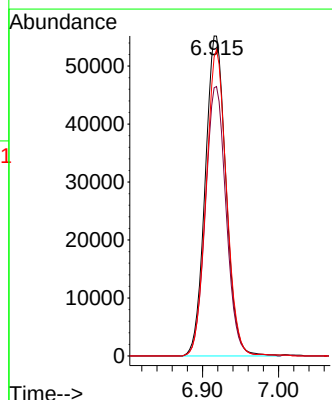
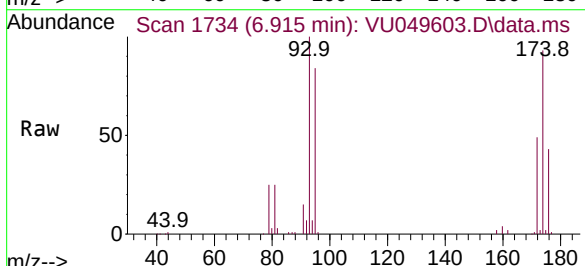
Tgt Ion: 93 Resp: 104834

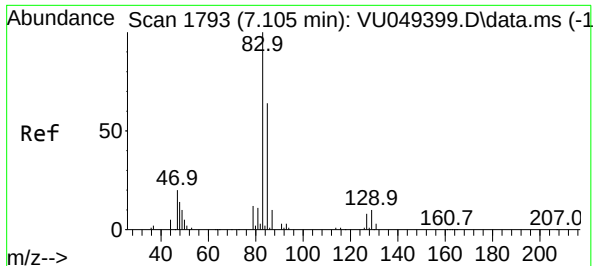
Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 93.3 88.2 132.4

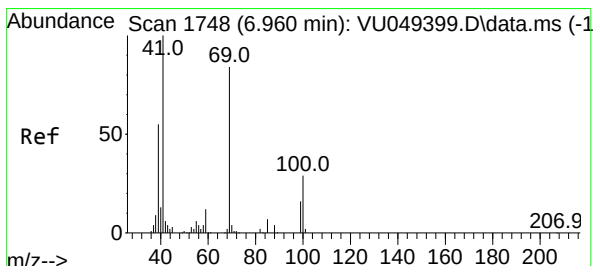
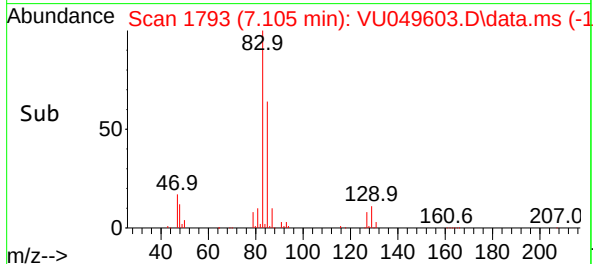
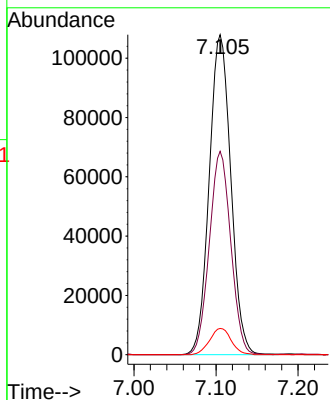
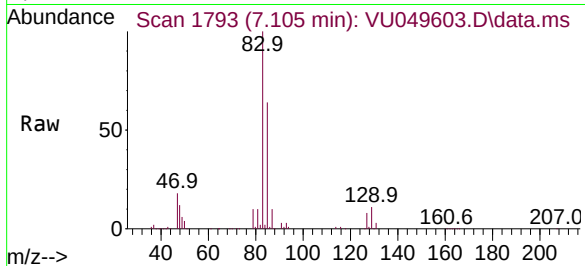




#47
Bromodichloromethane
Concen: 49.507 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

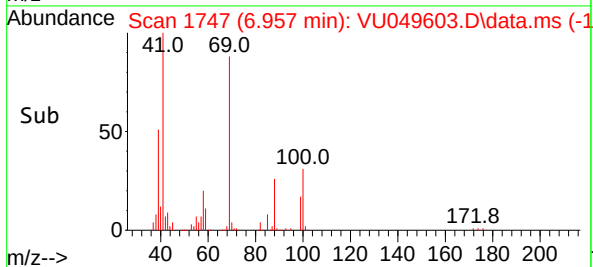
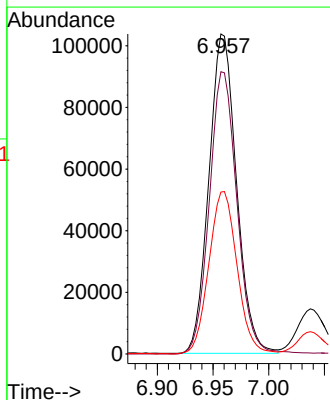
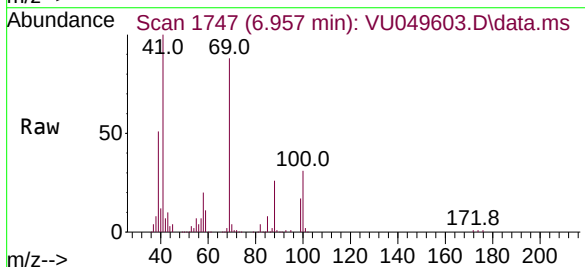
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

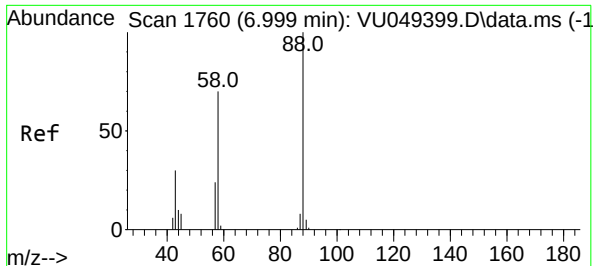
Tgt Ion: 83 Resp: 197128
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 51.431 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 41 Resp: 178999
Ion Ratio Lower Upper
41 100
69 88.9 79.8 119.6
39 52.0 47.9 71.9





#49

1,4-Dioxane

Concen: 983.417 ug/l

RT: 6.970 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

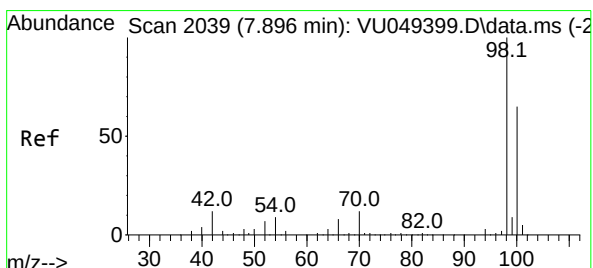
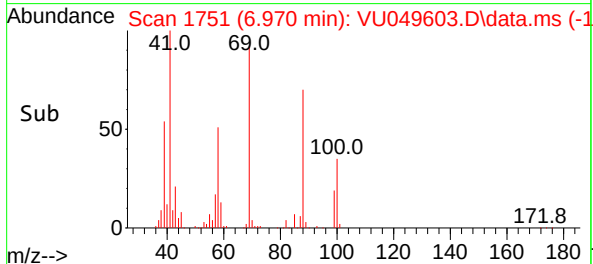
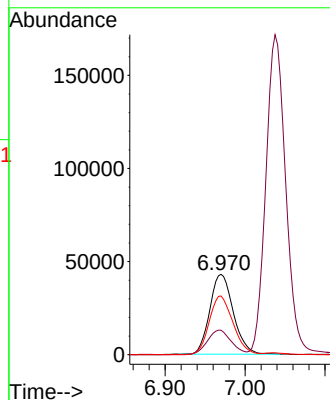
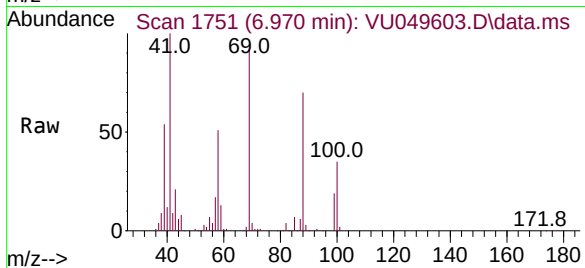
Tgt Ion: 88 Resp: 87688

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 74.2 15.4 23.0#



#50

Toluene-d8

Concen: 49.748 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VU049603.D

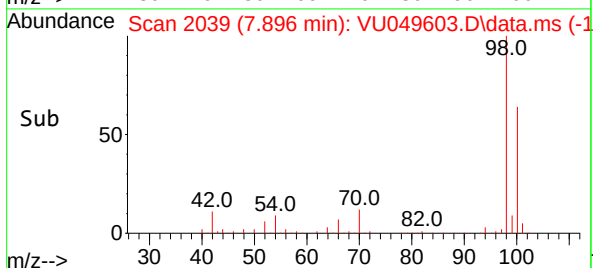
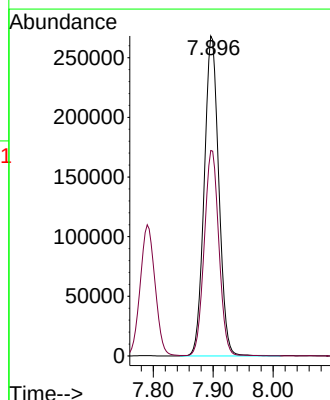
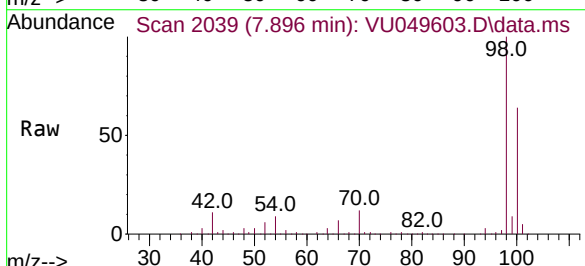
Acq: 01 Jul 2022 23:40

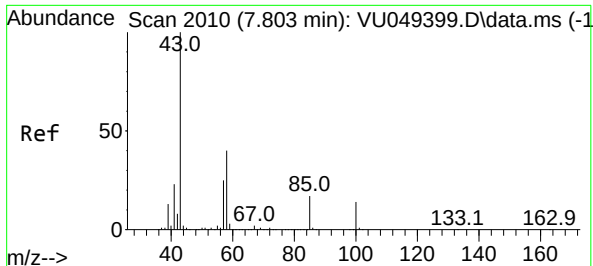
Tgt Ion: 98 Resp: 453897

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 252.708 ug/l

RT: 7.790 min Scan# 2010

Delta R.T. -0.013 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

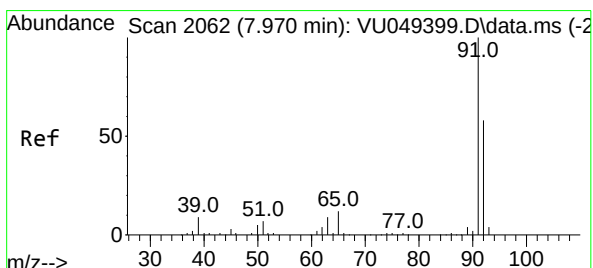
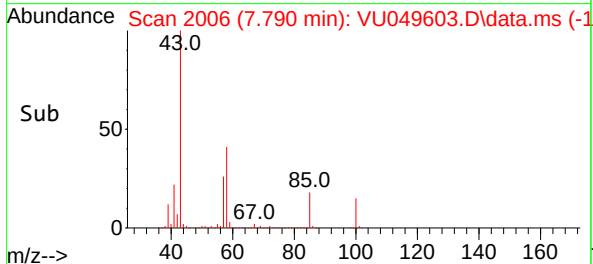
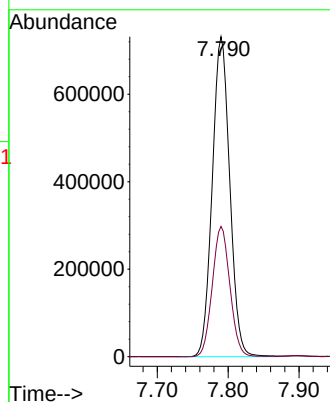
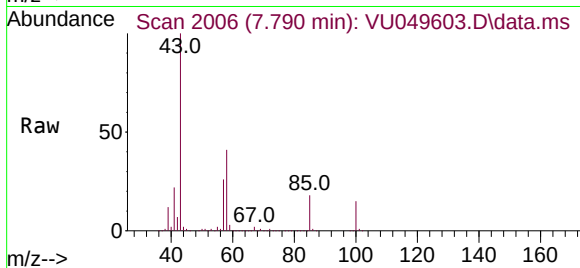
152140-SPC-09-50MS

Tgt Ion: 43 Resp: 1256034

Ion Ratio Lower Upper

43 100

58 41.0 34.7 52.1



#52

Toluene

Concen: 48.659 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049603.D

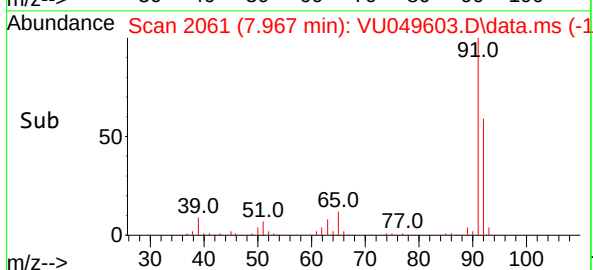
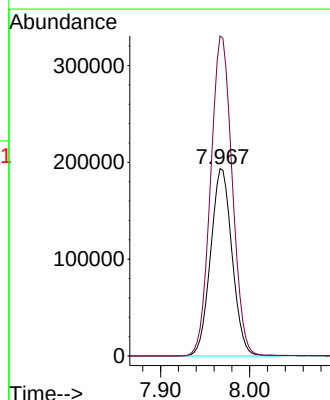
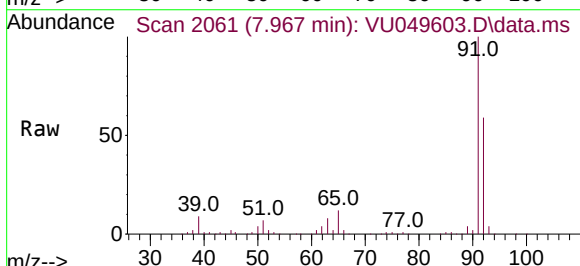
Acq: 01 Jul 2022 23:40

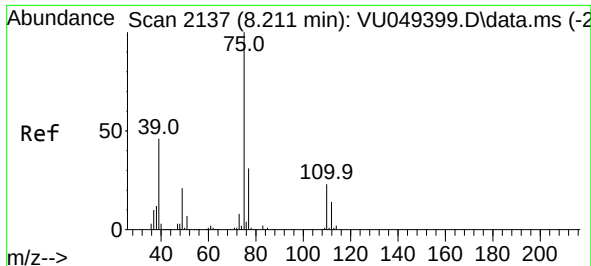
Tgt Ion: 92 Resp: 323867

Ion Ratio Lower Upper

92 100

91 172.5 138.2 207.4

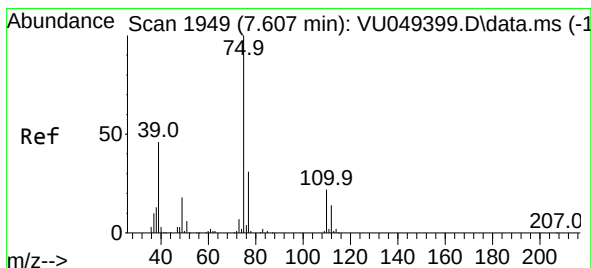
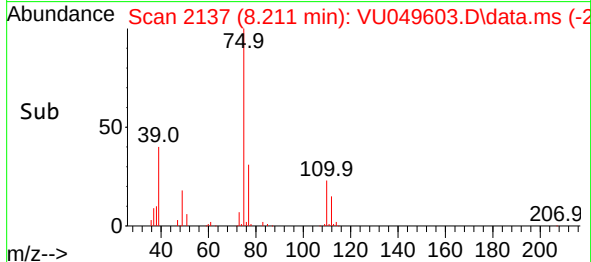
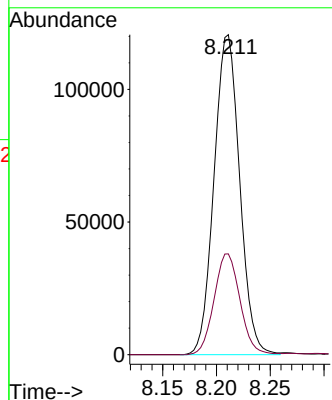
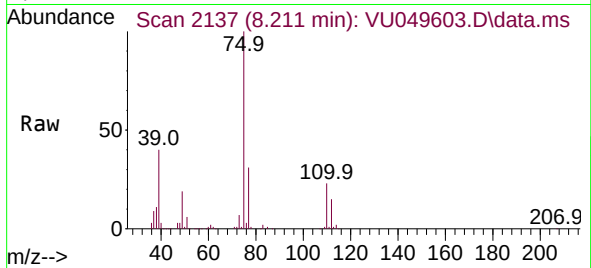




#53
 t-1,3-Dichloropropene
 Concen: 46.831 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

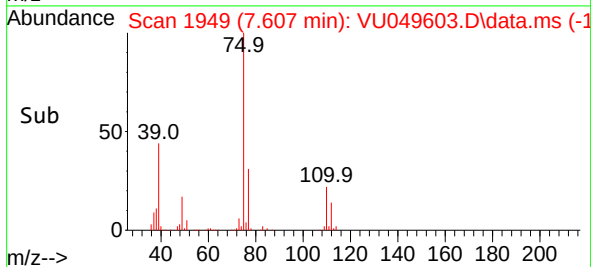
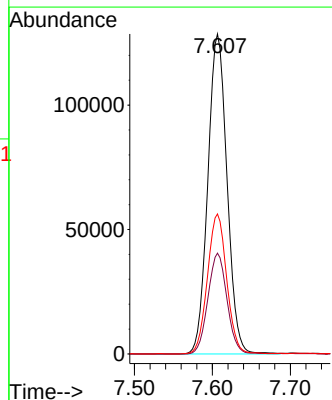
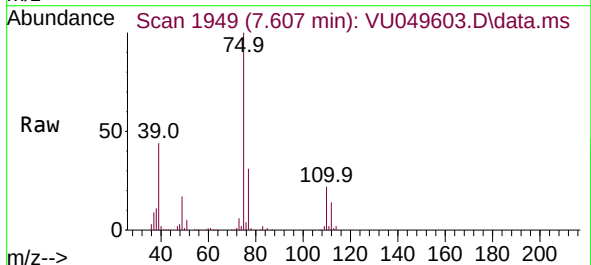
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

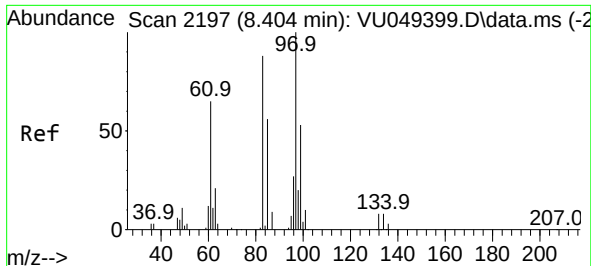
Tgt Ion: 75 Resp: 200025
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.235 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

Tgt Ion: 75 Resp: 219976
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 43.7 33.0 49.6

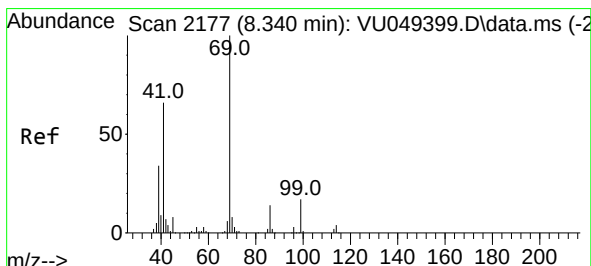
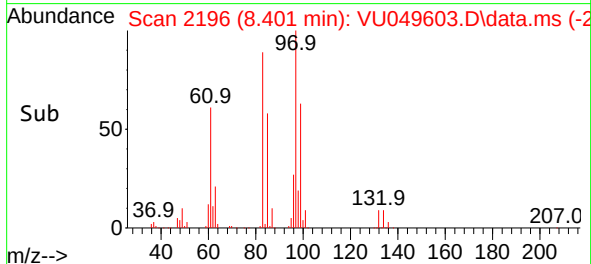
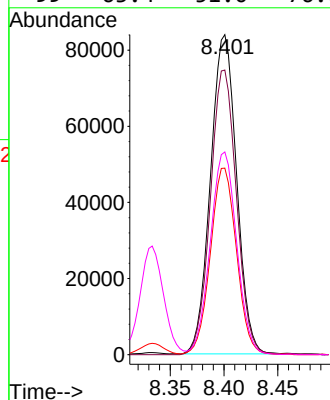
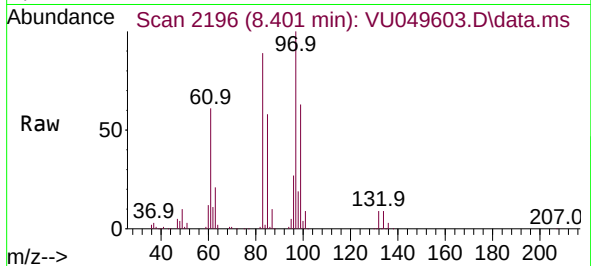




#55
1,1,2-Trichloroethane
Concen: 51.518 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

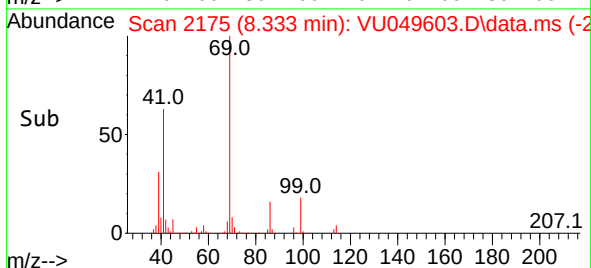
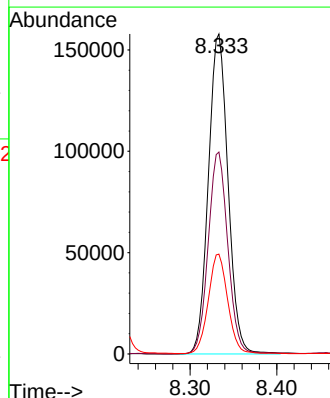
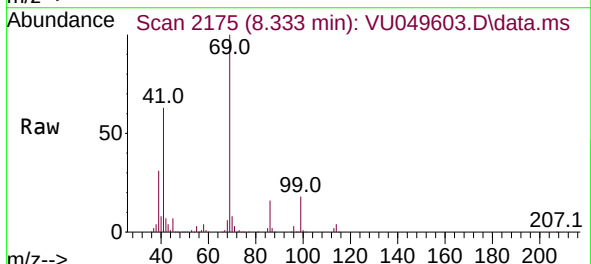
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

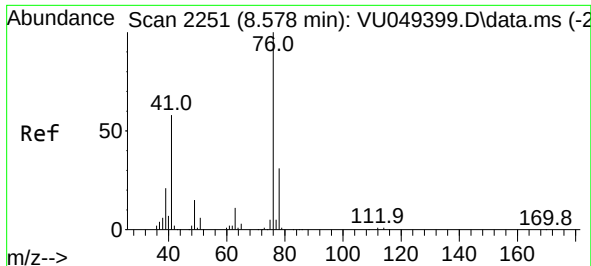
Tgt Ion:	97	Resp:	141772
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.2	105.4
85	58.3	44.6	66.8
99	63.4	51.0	76.6



#56
Ethyl methacrylate
Concen: 54.091 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.007 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:	69	Resp:	248962
Ion	Ratio	Lower	Upper
69	100		
41	63.4	45.4	68.0
39	30.5	25.7	38.5





#57

1,3-Dichloropropane

Concen: 50.762 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

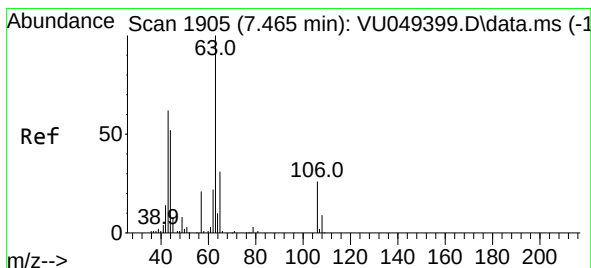
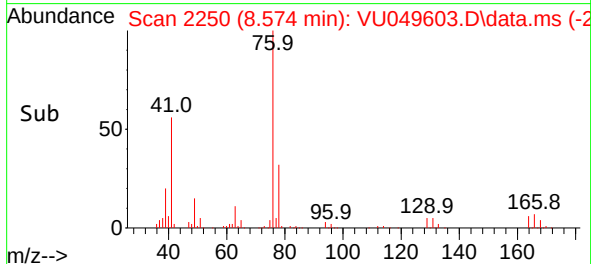
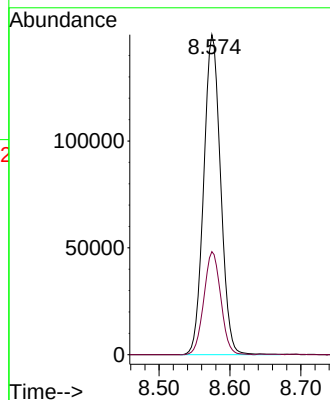
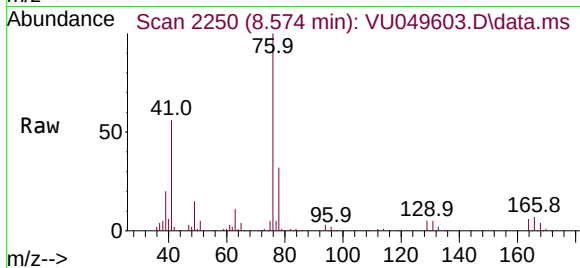
152140-SPC-09-50MS

Tgt Ion: 76 Resp: 247803

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 13.539 ug/l

RT: 7.449 min Scan# 1900

Delta R.T. -0.016 min

Lab File: VU049603.D

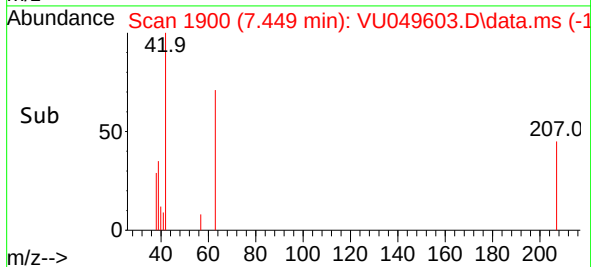
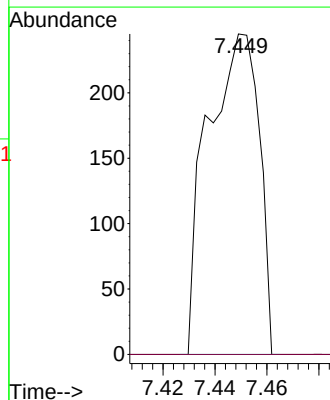
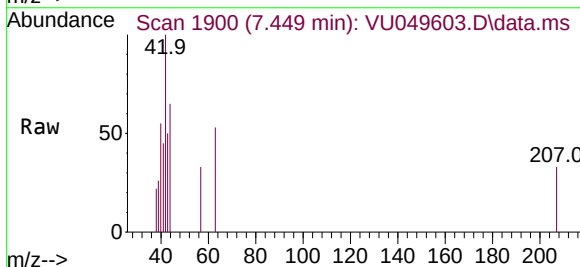
Acq: 01 Jul 2022 23:40

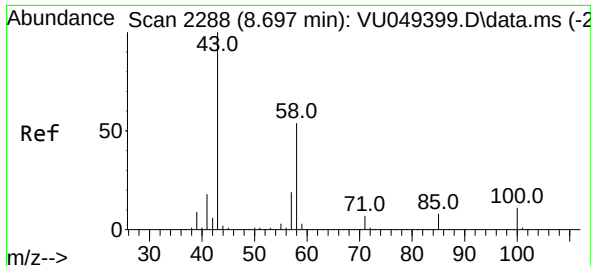
Tgt Ion: 63 Resp: 336

Ion Ratio Lower Upper

63 100

106 0.0 23.1 34.7#





#59

2-Hexanone

Concen: 249.056 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

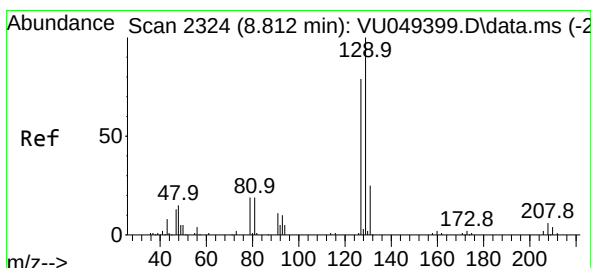
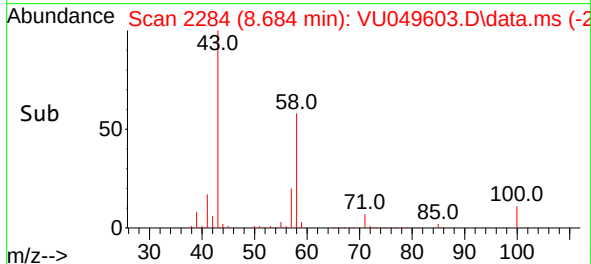
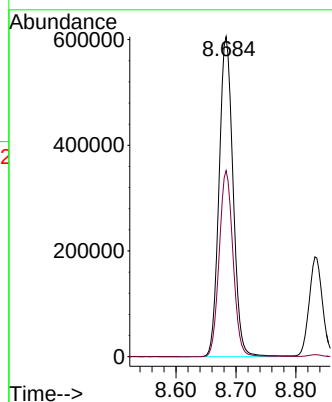
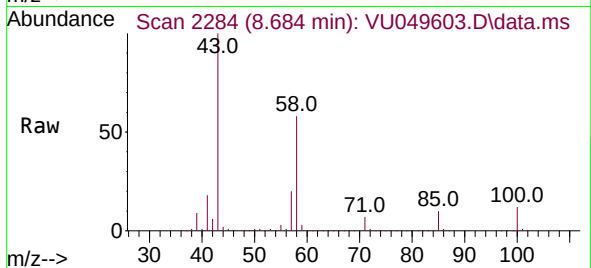
152140-SPC-09-50MS

Tgt Ion: 43 Resp: 973455

Ion Ratio Lower Upper

43 100

58 57.9 30.3 90.8



#60

Dibromochloromethane

Concen: 51.195 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU049603.D

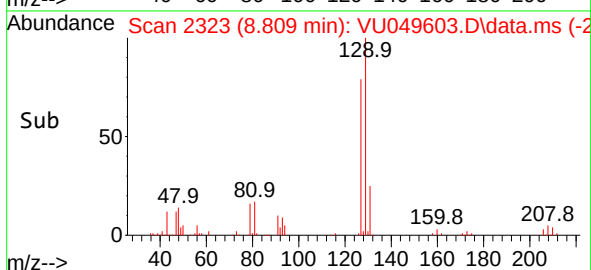
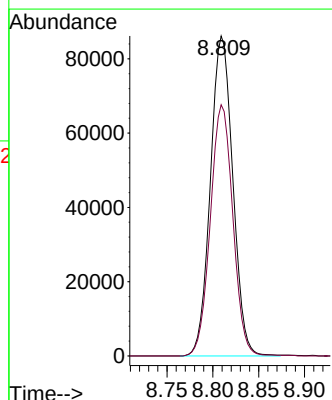
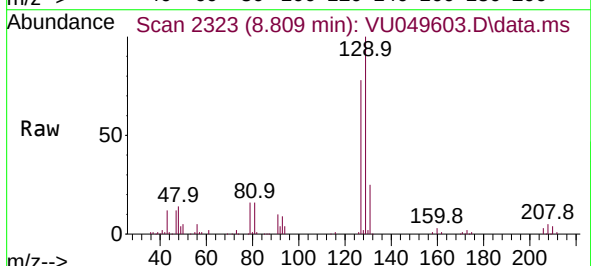
Acq: 01 Jul 2022 23:40

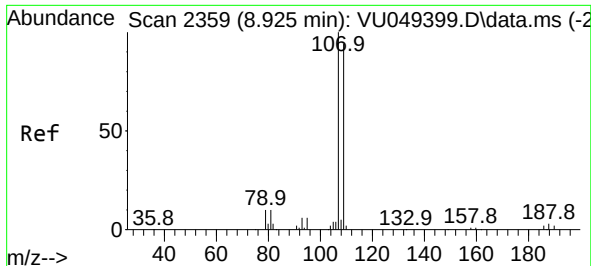
Tgt Ion: 129 Resp: 146504

Ion Ratio Lower Upper

129 100

127 78.8 38.6 116.0

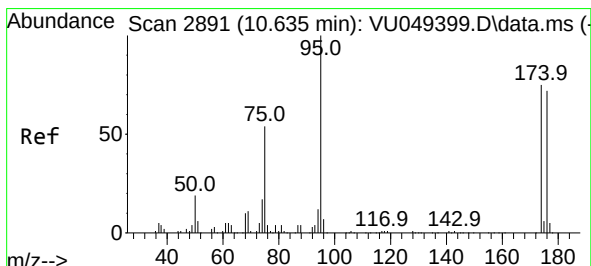
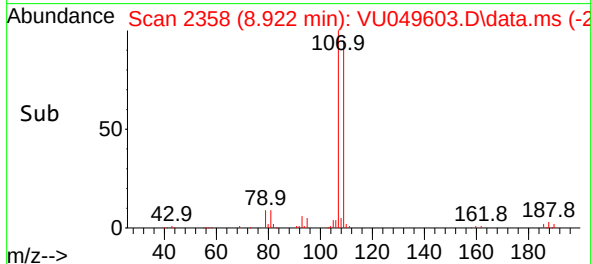
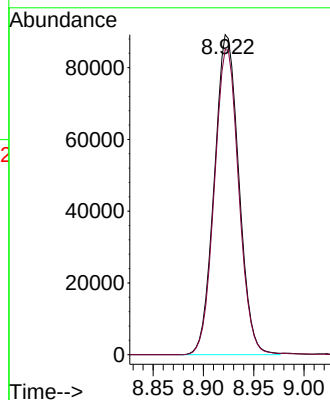
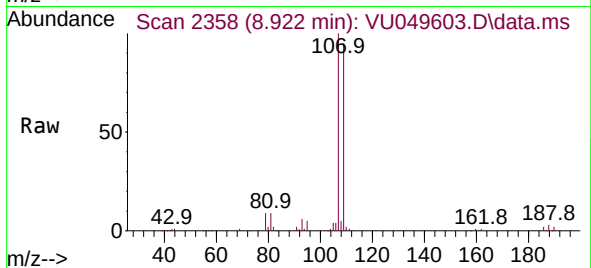




#61
1,2-Dibromoethane
Concen: 50.592 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

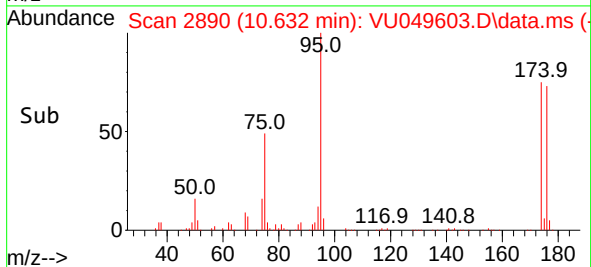
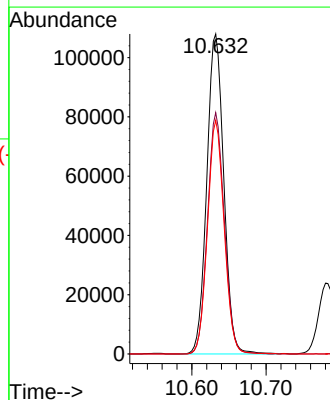
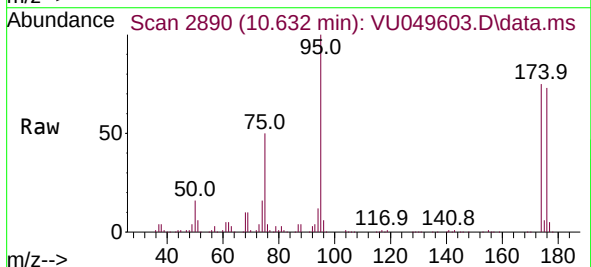
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

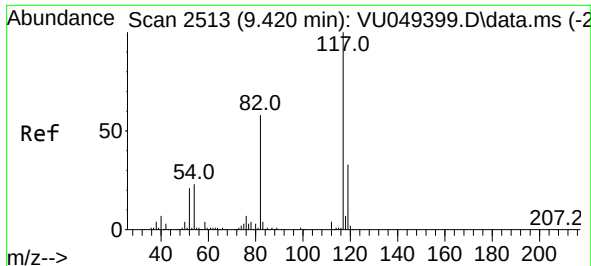
Tgt Ion:107 Resp: 151723
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 49.061 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 95 Resp: 171470
Ion Ratio Lower Upper
95 100
174 74.8 0.0 182.0
176 71.4 0.0 177.8

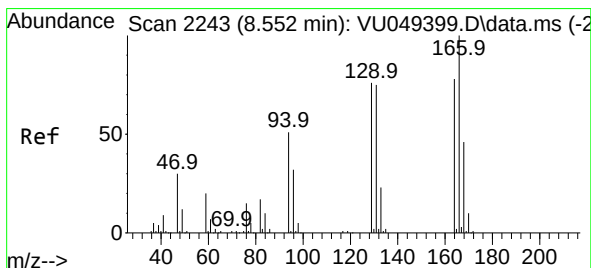
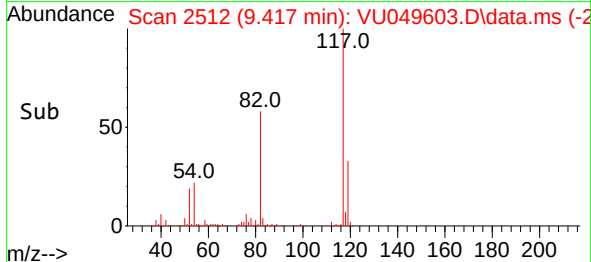
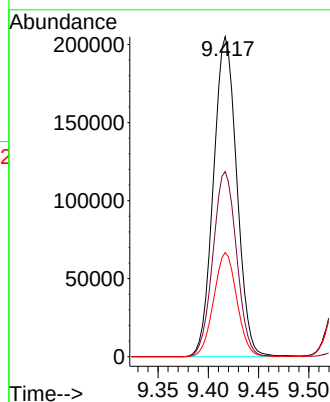
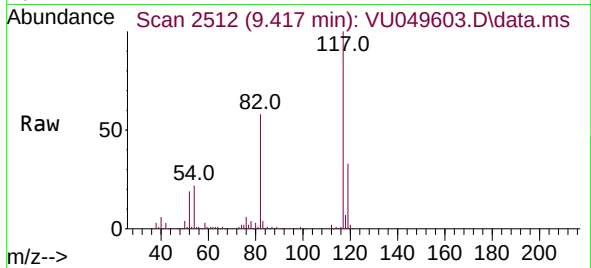




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

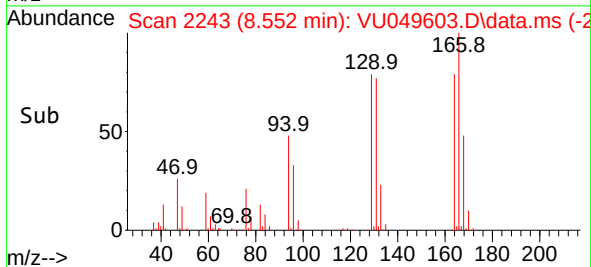
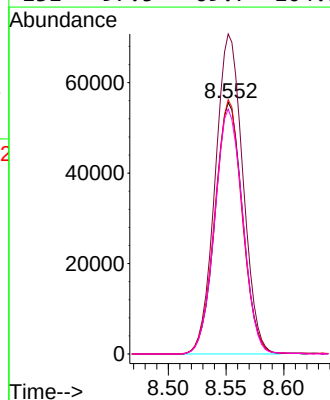
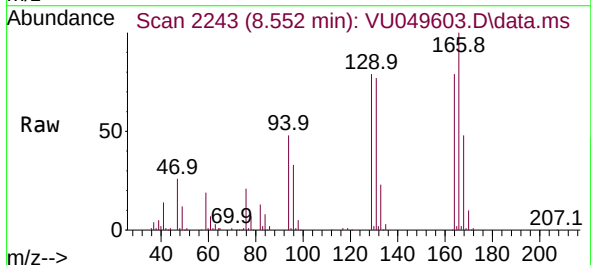
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

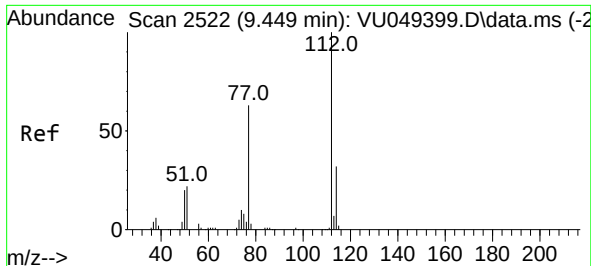
Tgt Ion:117 Resp: 331563
Ion Ratio Lower Upper
117 100
82 57.8 41.7 62.5
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 43.414 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:164 Resp: 92326
Ion Ratio Lower Upper
164 100
166 127.3 100.0 150.0
129 101.1 72.0 108.0
131 97.5 69.7 104.5

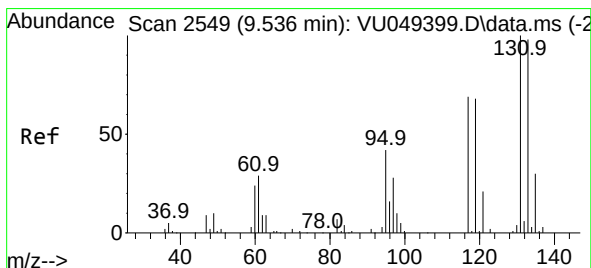
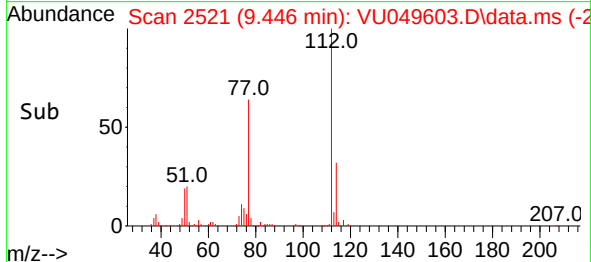
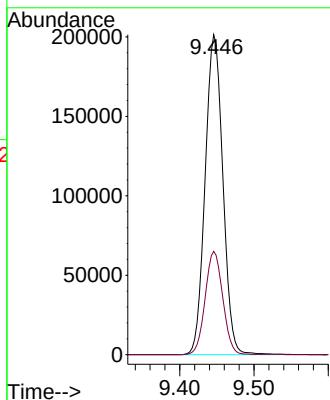
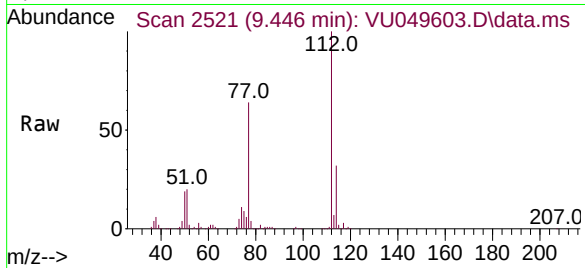




#65
Chlorobenzene
Concen: 49.259 ug/l
RT: 9.446 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

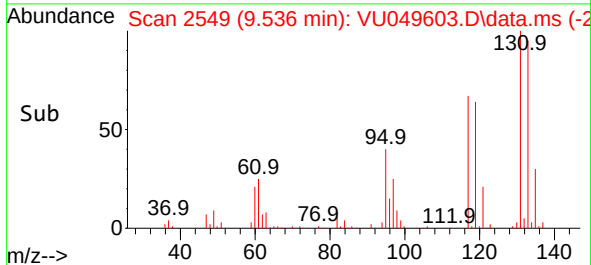
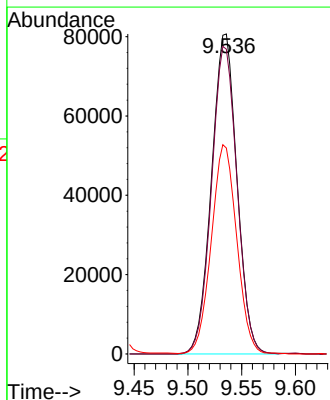
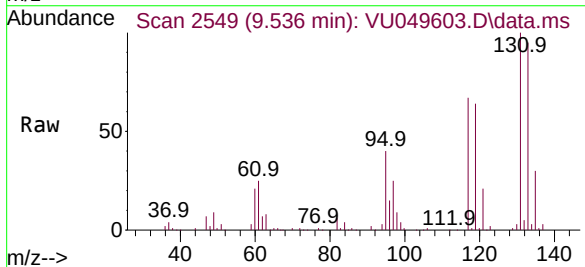
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

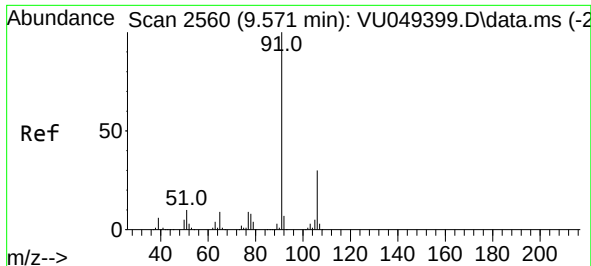
Tgt Ion:112 Resp: 333893
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.999 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:131 Resp: 132966
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 65.3 33.9 101.6





#67

Ethyl Benzene

Concen: 48.501 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

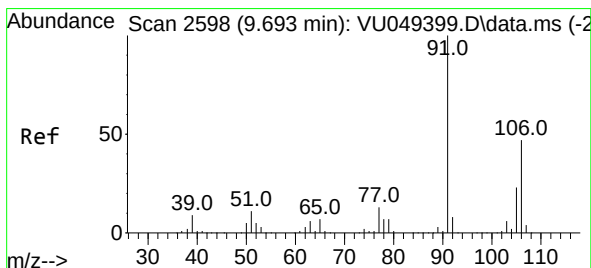
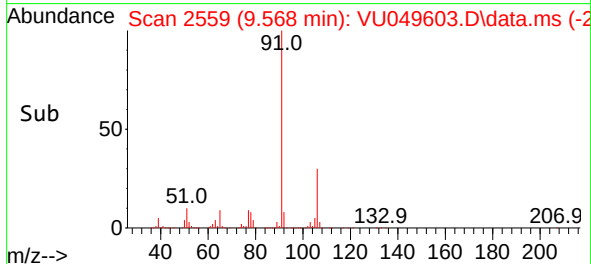
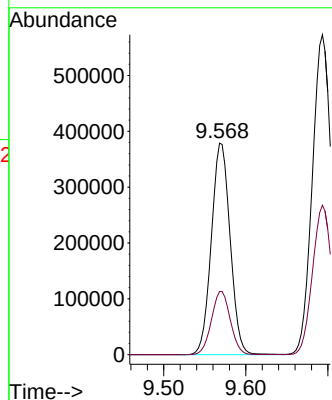
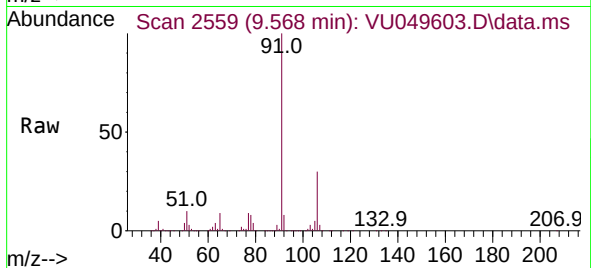
152140-SPC-09-50MS

Tgt Ion: 91 Resp: 603549

Ion Ratio Lower Upper

91 100

106 29.9 25.6 38.4



#68

m/p-Xylenes

Concen: 95.801 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049603.D

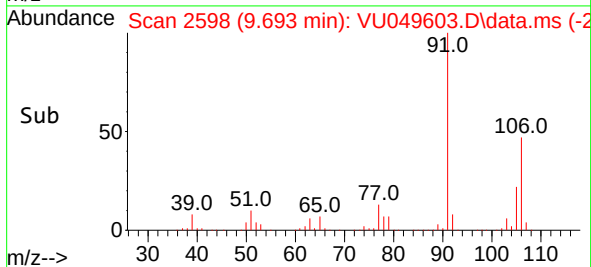
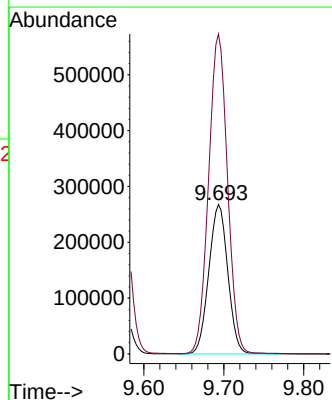
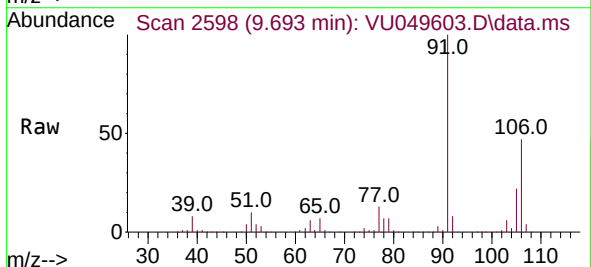
Acq: 01 Jul 2022 23:40

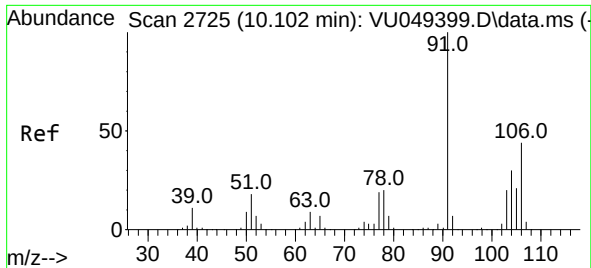
Tgt Ion: 106 Resp: 441104

Ion Ratio Lower Upper

106 100

91 213.9 157.2 235.8

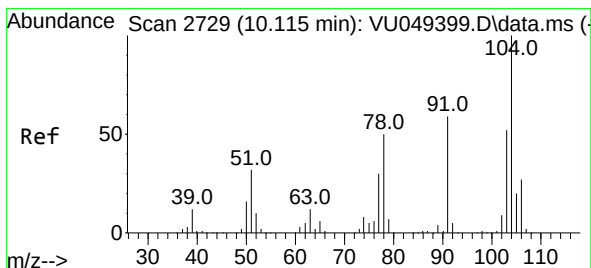
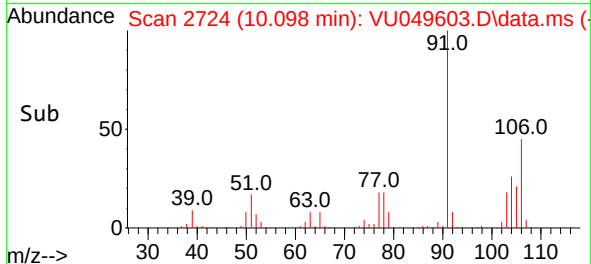
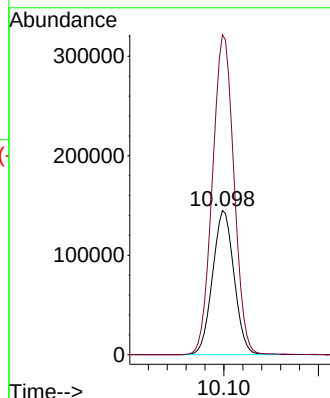
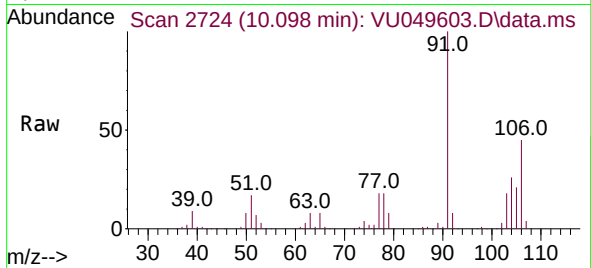




#69
o-Xylene
Concen: 50.107 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

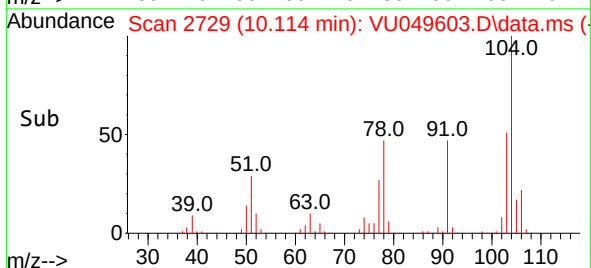
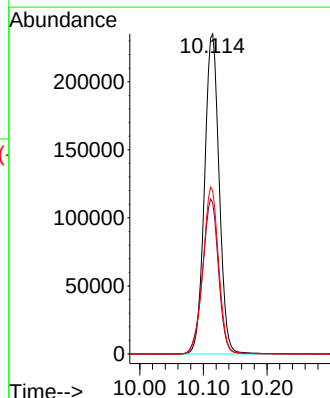
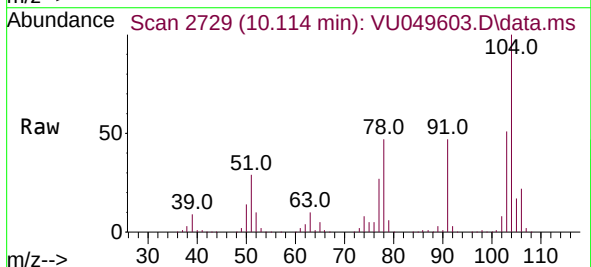
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

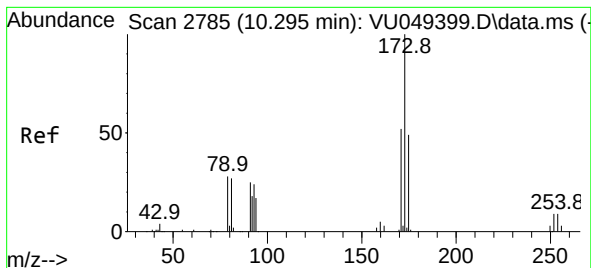
Tgt Ion:106 Resp: 229037
Ion Ratio Lower Upper
106 100
91 222.8 103.5 310.5



#70
Styrene
Concen: 51.149 ug/l
RT: 10.114 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:104 Resp: 375663
Ion Ratio Lower Upper
104 100
78 52.5 38.0 57.0
103 55.7 43.9 65.9

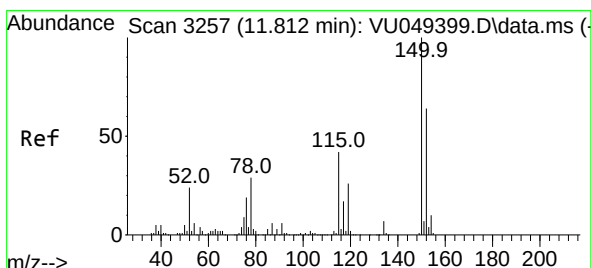
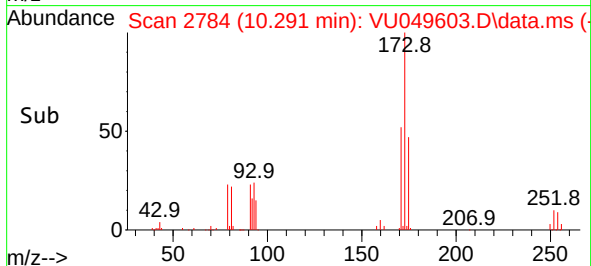
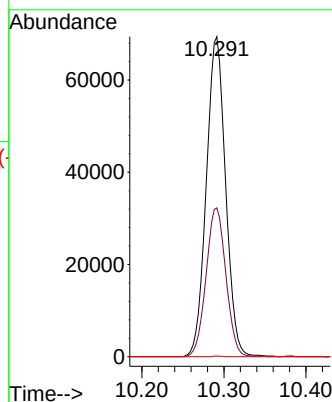
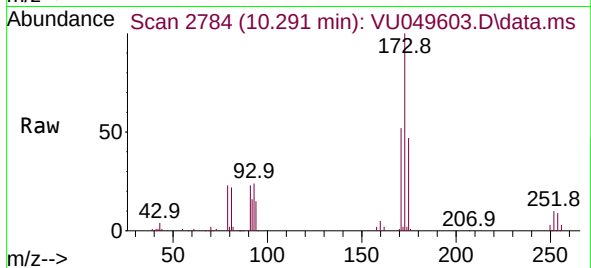




#71
Bromoform
Concen: 51.608 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

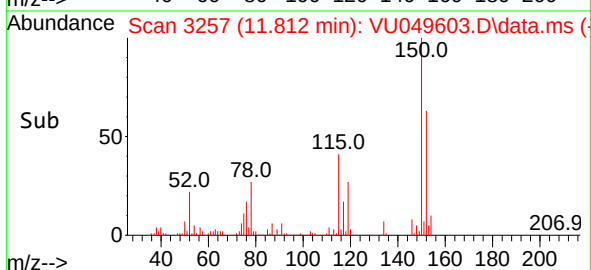
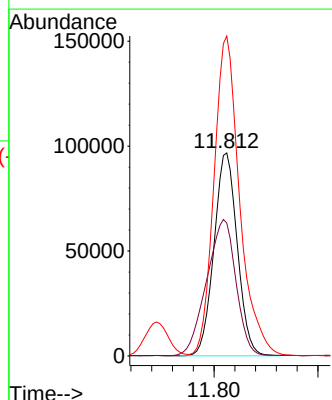
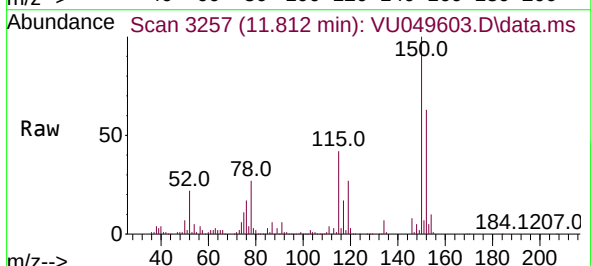
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

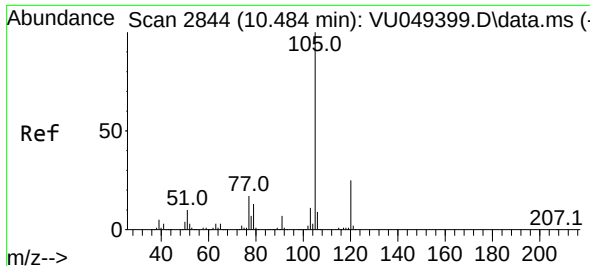
Tgt Ion:173 Resp: 113182
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:152 Resp: 150221
Ion Ratio Lower Upper
152 100
115 84.2 37.0 110.9
150 174.0 0.0 342.2

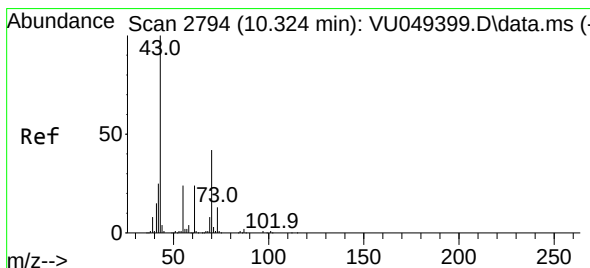
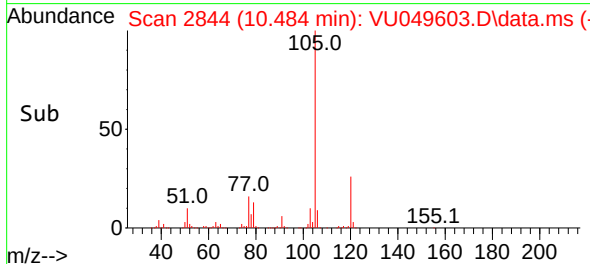
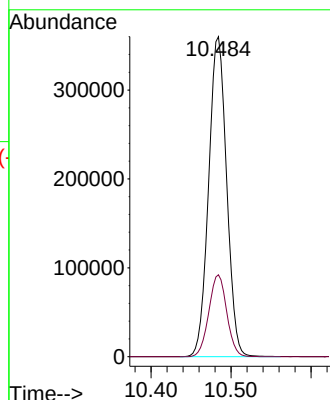
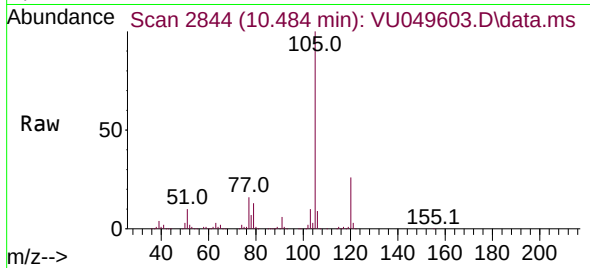




#73
Isopropylbenzene
Concen: 52.640 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

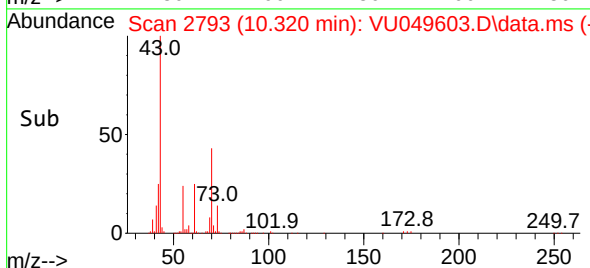
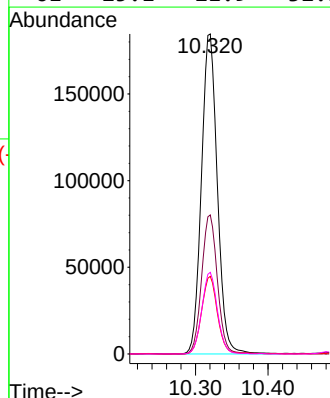
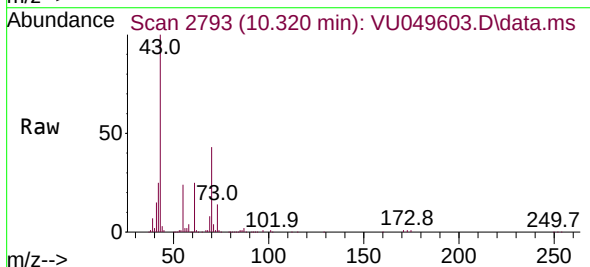
Instrument : MSVOA_U
ClientSampleId : 152140-SPC-09-50MS

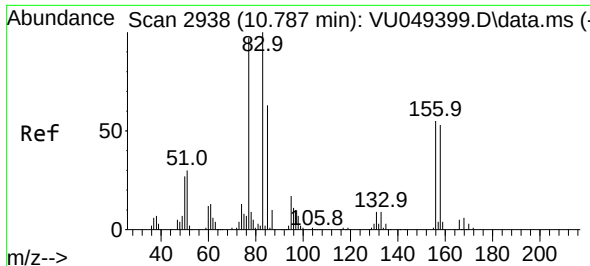
Tgt Ion:105 Resp: 563305
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4



#74
N-ethyl acetate
Concen: 49.694 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 43 Resp: 281453
Ion Ratio Lower Upper
43 100
70 43.0 38.7 58.1
55 24.3 21.8 32.8
61 25.1 21.9 32.9

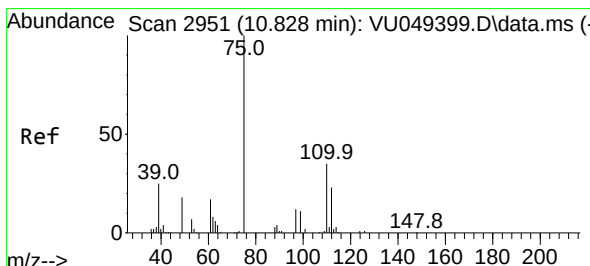
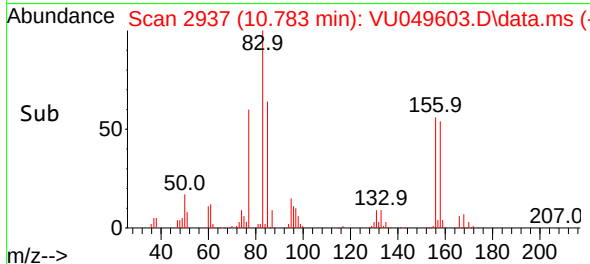
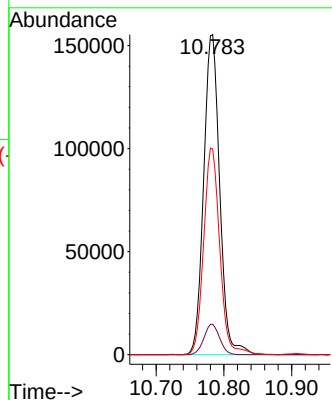
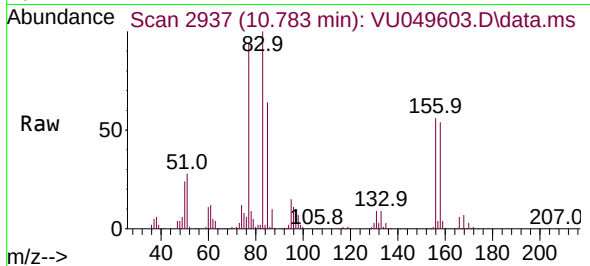




#75
1,1,2,2-Tetrachloroethane
Concen: 56.300 ug/l
RT: 10.783 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

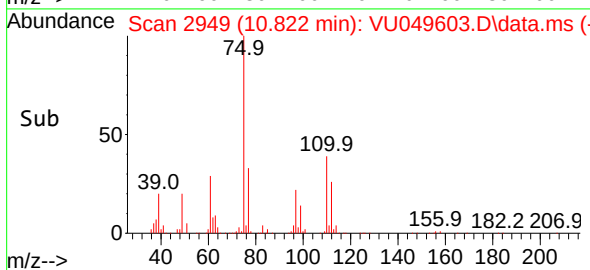
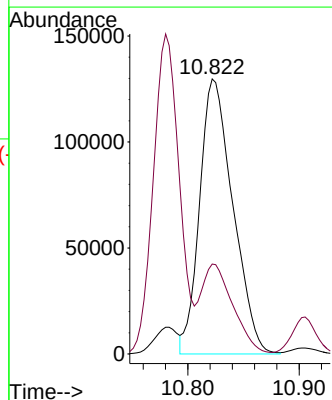
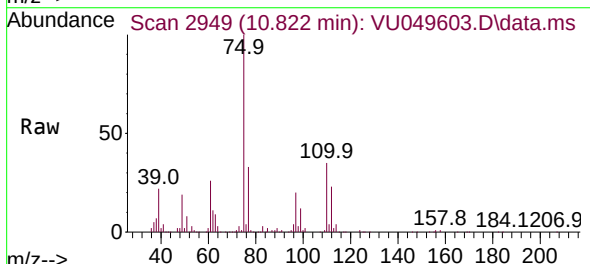
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

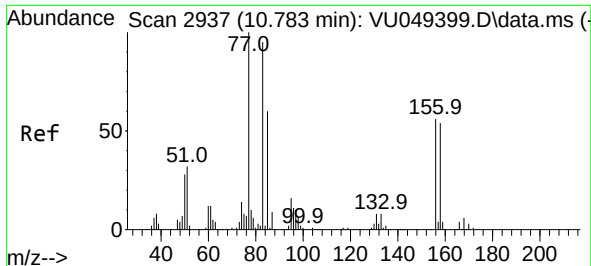
Tgt Ion: 83 Resp: 255208
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 64.8 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 52.877 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.007 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 75 Resp: 269266
Ion Ratio Lower Upper
75 100
77 31.2 15.8 47.3

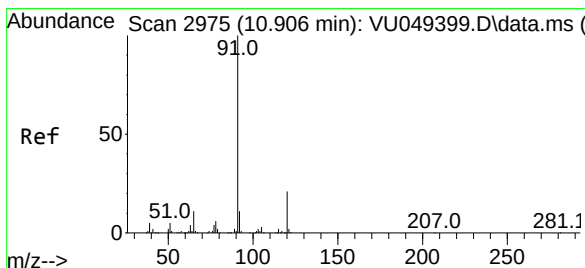
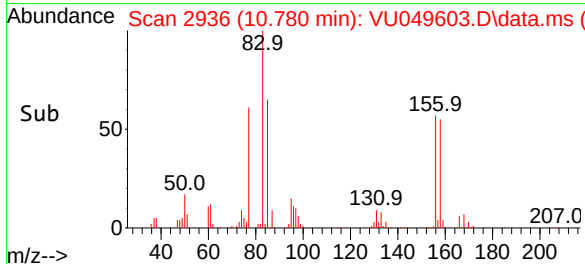
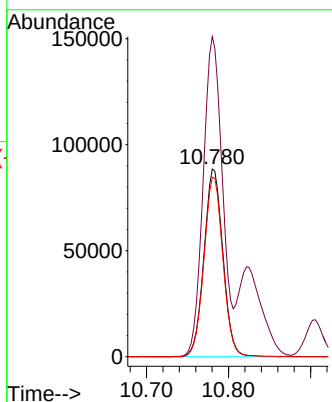
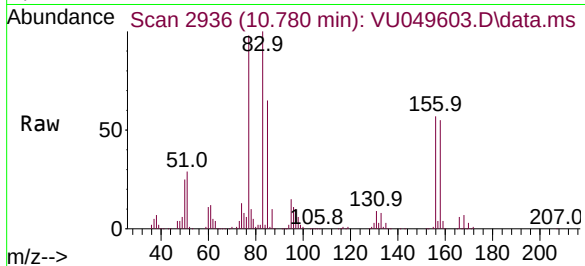




#77
Bromobenzene
Concen: 54.406 ug/l
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

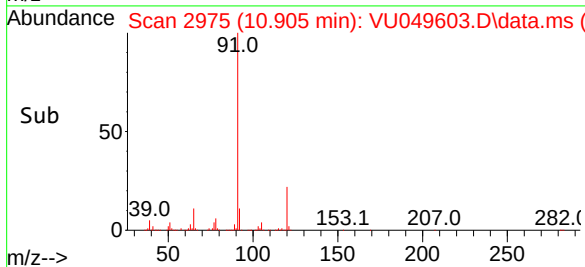
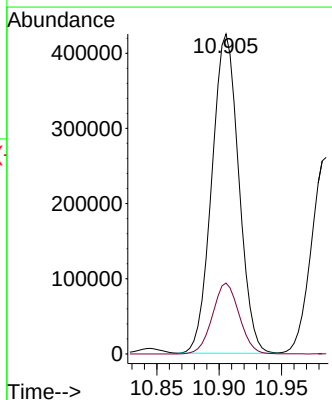
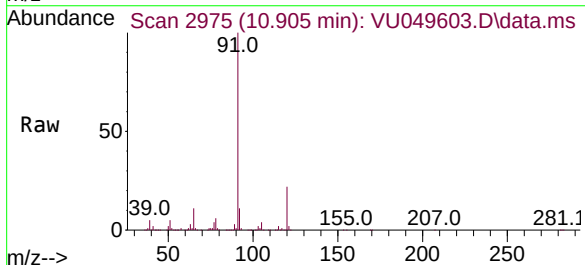
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

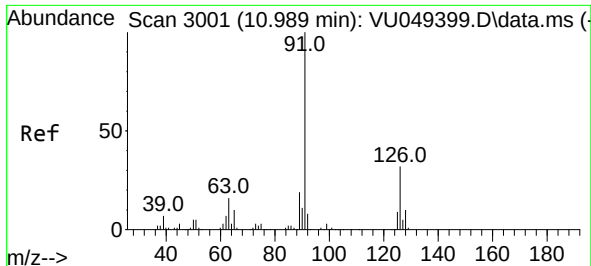
Tgt Ion:156 Resp: 142112
Ion Ratio Lower Upper
156 100
77 173.1 71.9 215.6
158 95.8 48.9 146.8



#78
n-propylbenzene
Concen: 49.121 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 91 Resp: 638730
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

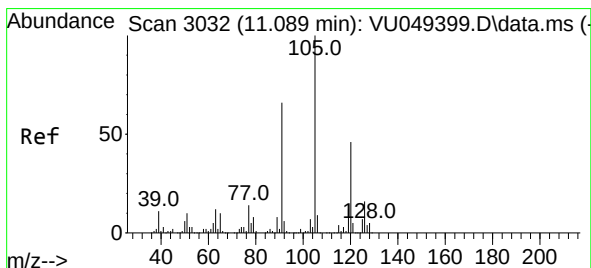
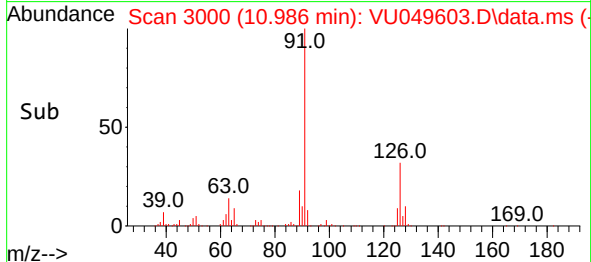
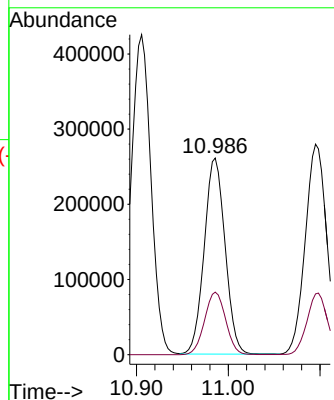
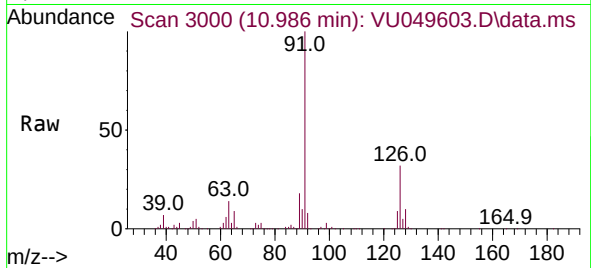




#79
2-Chlorotoluene
Concen: 51.434 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

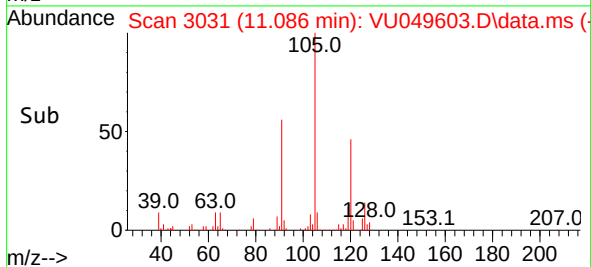
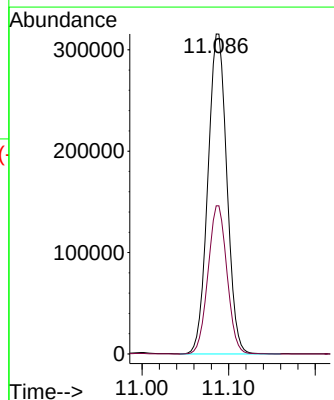
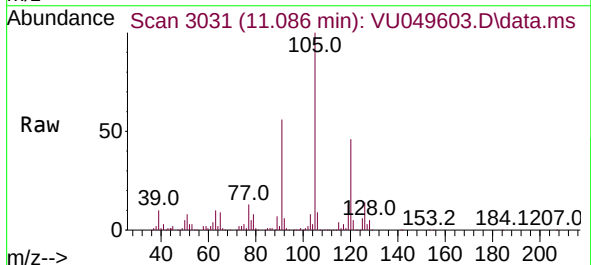
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

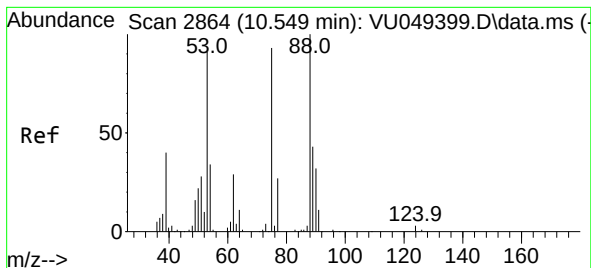
Tgt Ion: 91 Resp: 412049
Ion Ratio Lower Upper
91 100
126 32.3 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 51.408 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion: 105 Resp: 480266
Ion Ratio Lower Upper
105 100
120 46.2 25.3 75.9

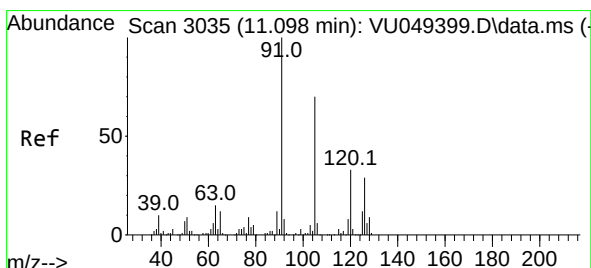
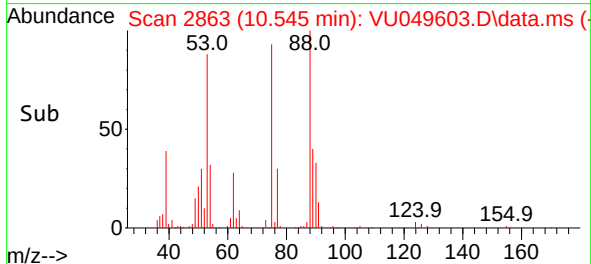
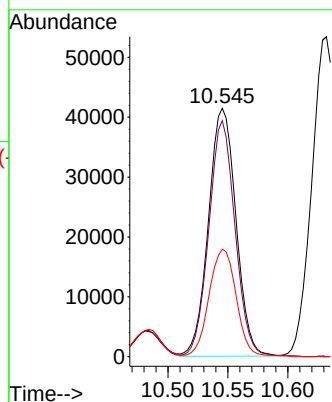
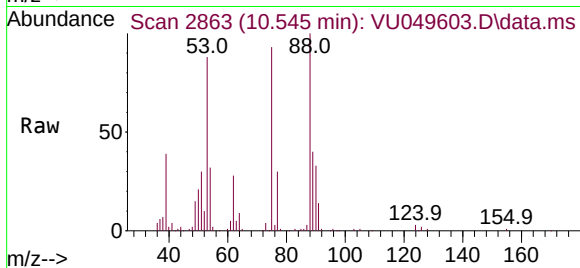




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.893 ug/l
 RT: 10.545 min Scan# 2863
 Delta R.T. -0.003 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

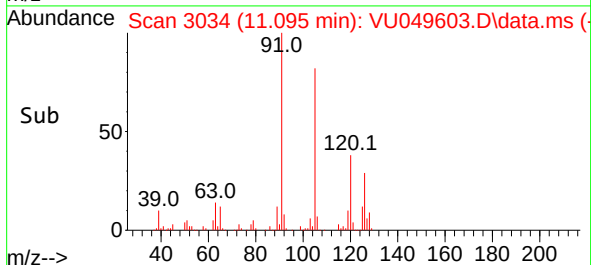
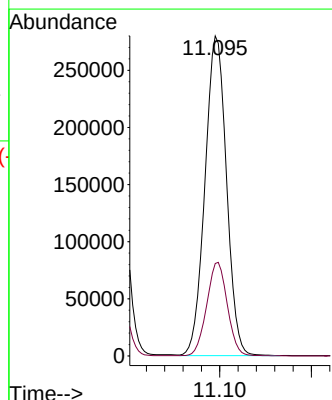
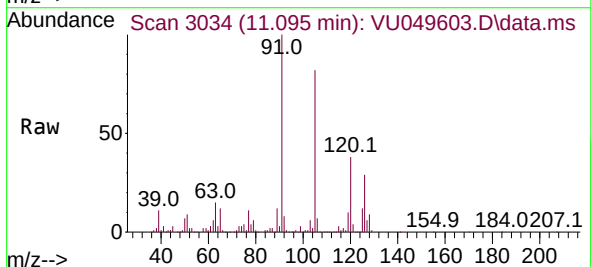
Instrument :
 MSVOA_U
 ClientSampleId :
 152140-SPC-09-50MS

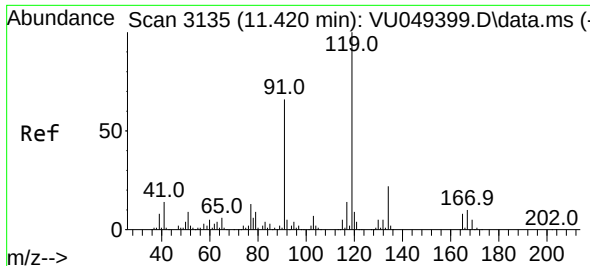
Tgt Ion: 75 Resp: 66043
 Ion Ratio Lower Upper
 75 100
 53 91.2 69.2 103.8
 89 43.0 37.0 55.6



#82
 4-Chlorotoluene
 Concen: 50.584 ug/l
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.003 min
 Lab File: VU049603.D
 Acq: 01 Jul 2022 23:40

Tgt Ion: 91 Resp: 455771
 Ion Ratio Lower Upper
 91 100
 126 28.0 16.1 48.2

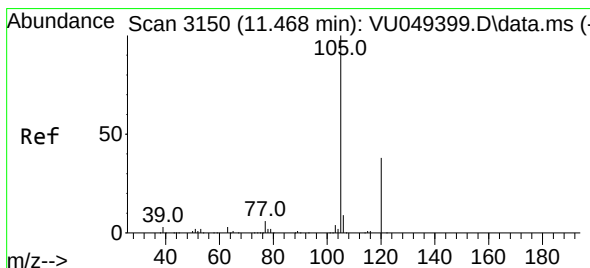
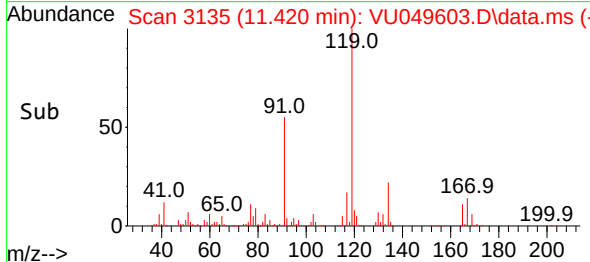
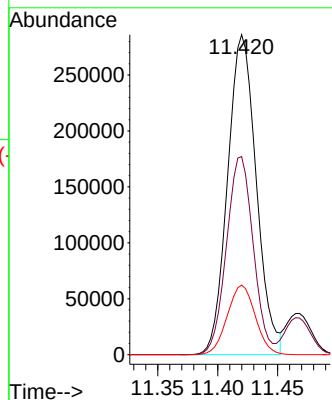
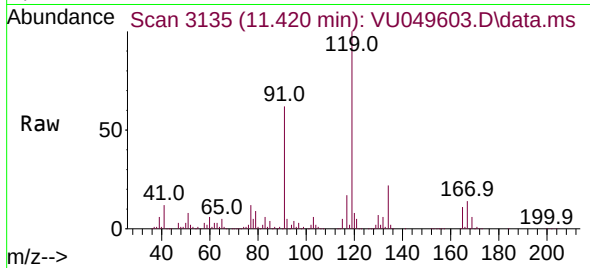




#83
tert-Butylbenzene
Concen: 51.899 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

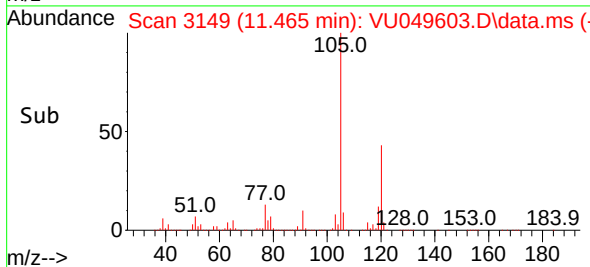
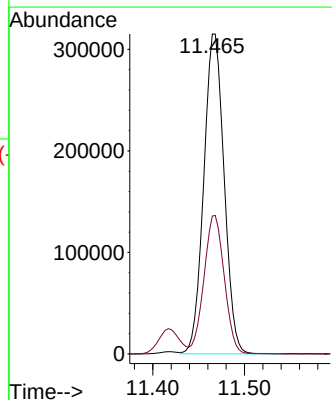
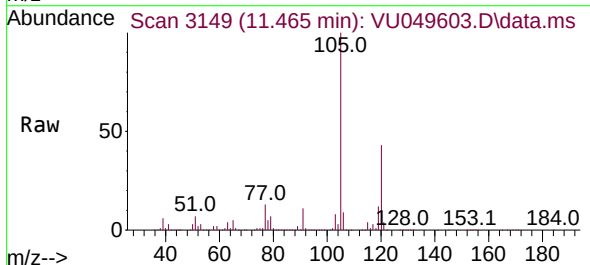
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

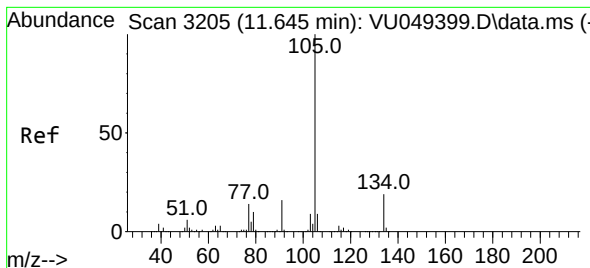
Tgt Ion:119 Resp: 476895
Ion Ratio Lower Upper
119 100
91 58.1 26.8 80.3
134 21.2 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 52.923 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:105 Resp: 485724
Ion Ratio Lower Upper
105 100
120 43.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 47.351 ug/l

RT: 11.642 min Scan# 3204

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

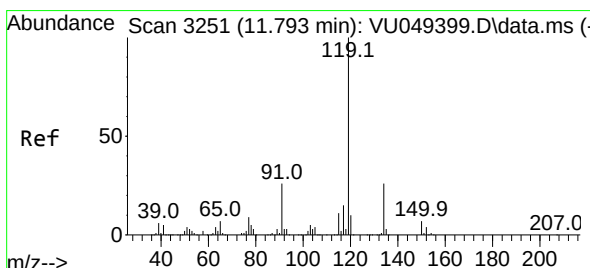
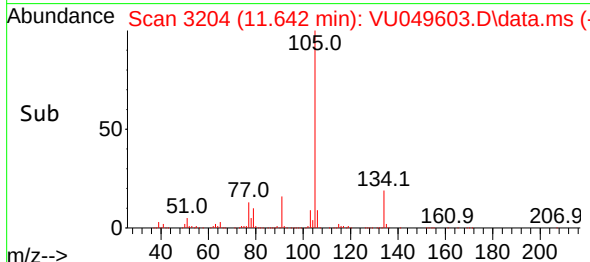
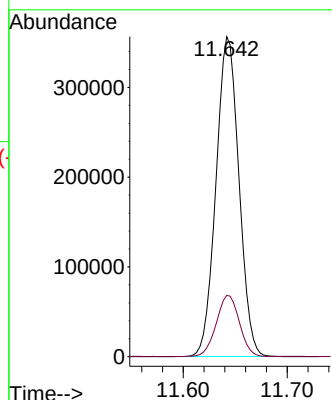
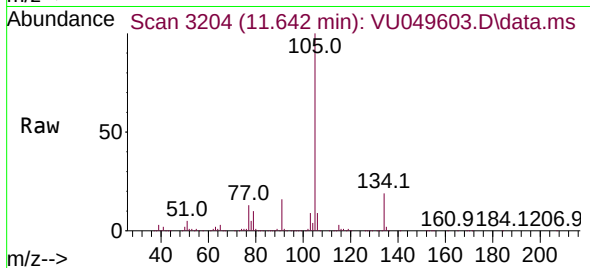
152140-SPC-09-50MS

Tgt Ion:105 Resp: 547035

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.392 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

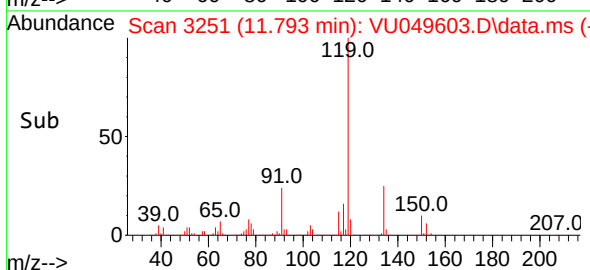
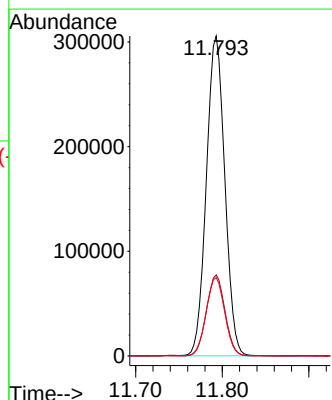
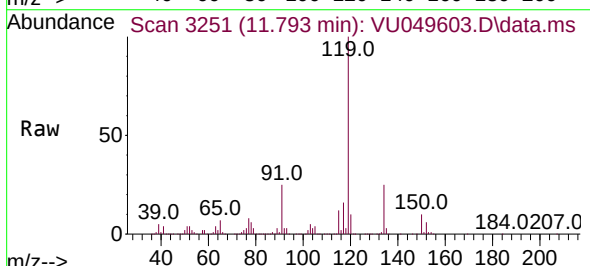
Tgt Ion:119 Resp: 452121

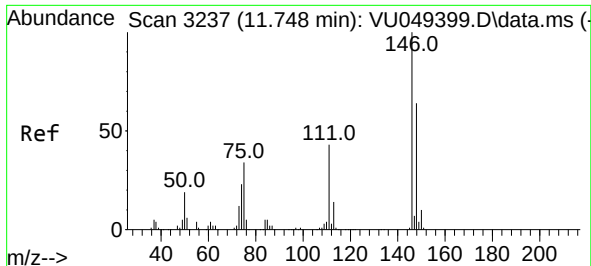
Ion Ratio Lower Upper

119 100

134 25.5 13.5 40.4

91 24.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.413 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

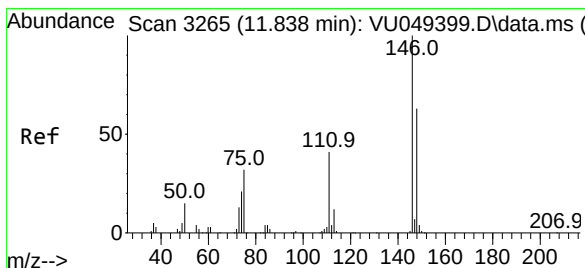
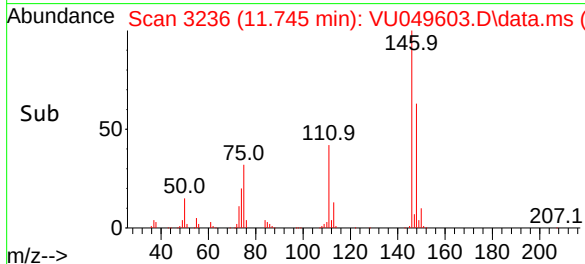
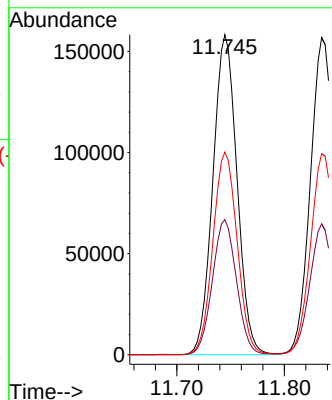
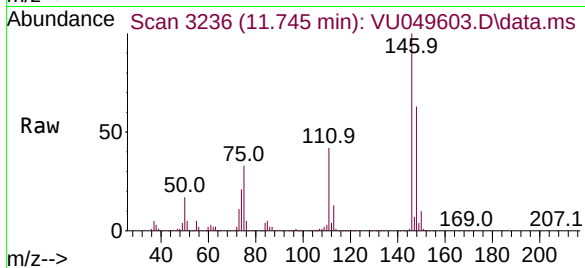
Tgt Ion:146 Resp: 246757

Ion Ratio Lower Upper

146 100

111 42.1 18.9 56.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.988 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

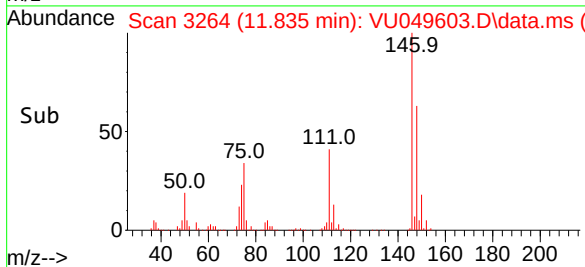
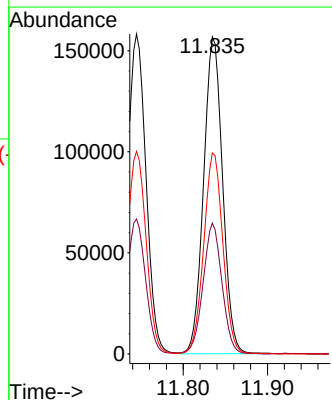
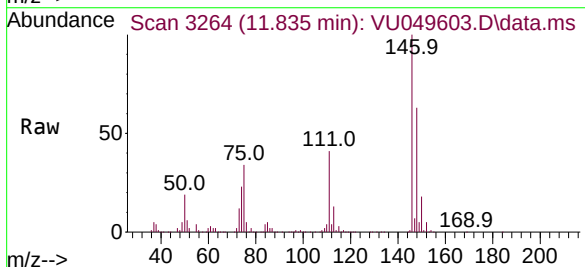
Tgt Ion:146 Resp: 245887

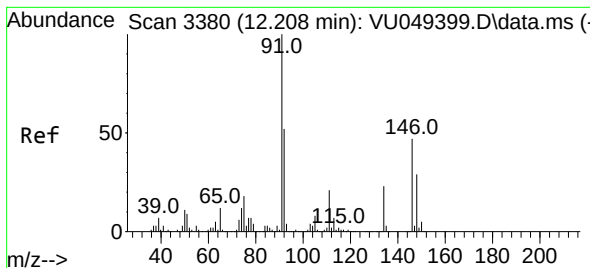
Ion Ratio Lower Upper

146 100

111 41.4 18.5 55.5

148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 43.259 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

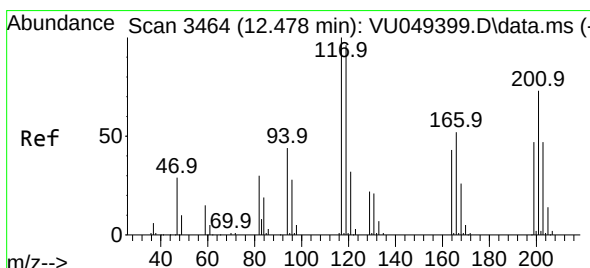
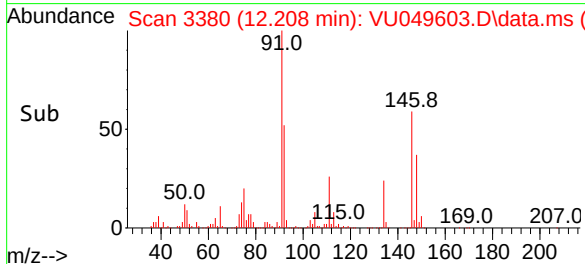
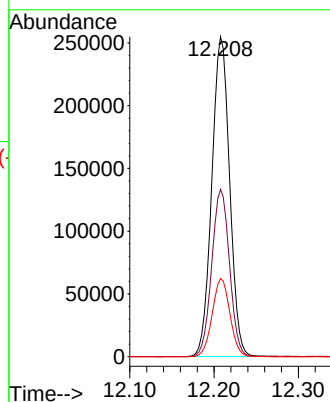
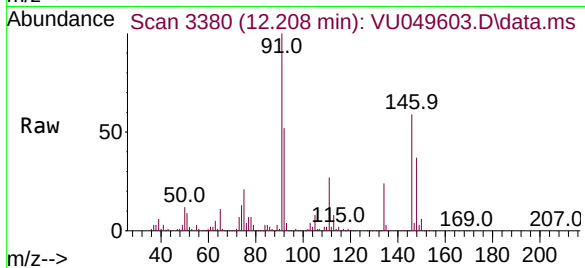
Tgt Ion: 91 Resp: 374126

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

134 24.2 13.5 40.4



#90

Hexachloroethane

Concen: 44.946 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU049603.D

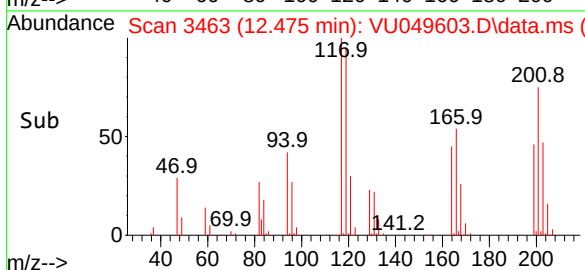
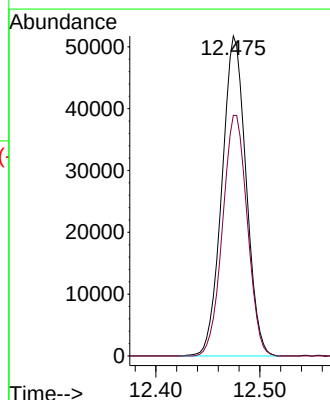
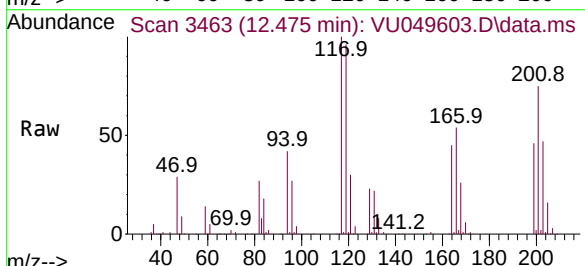
Acq: 01 Jul 2022 23:40

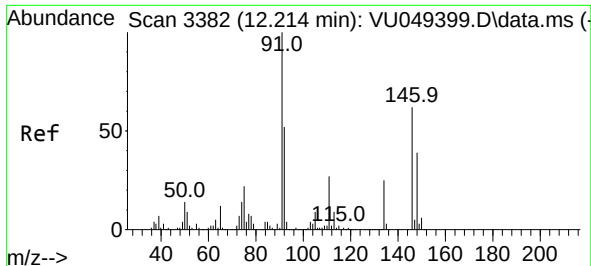
Tgt Ion: 117 Resp: 83639

Ion Ratio Lower Upper

117 100

201 76.8 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 51.710 ug/l

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

152140-SPC-09-50MS

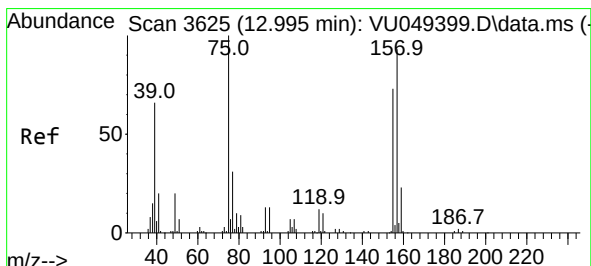
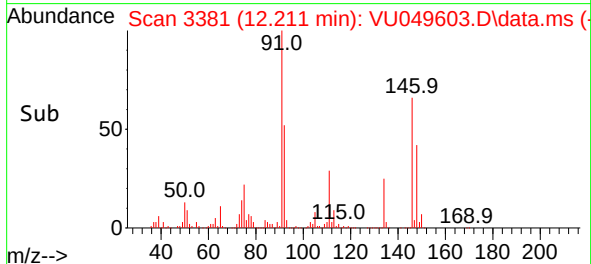
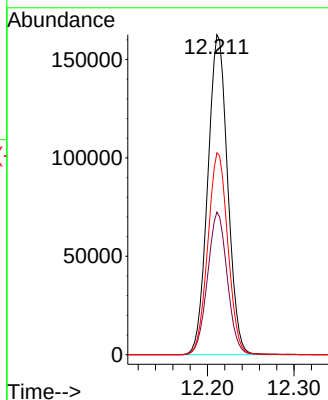
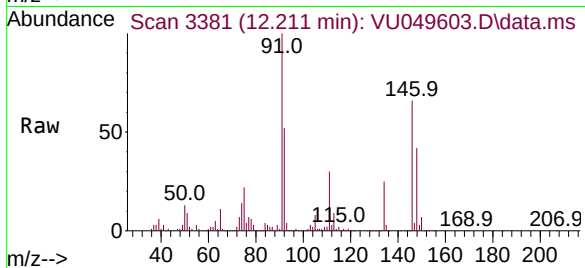
Tgt Ion:146 Resp: 259462

Ion Ratio Lower Upper

146 100

111 44.2 19.9 59.6

148 63.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.520 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049603.D

Acq: 01 Jul 2022 23:40

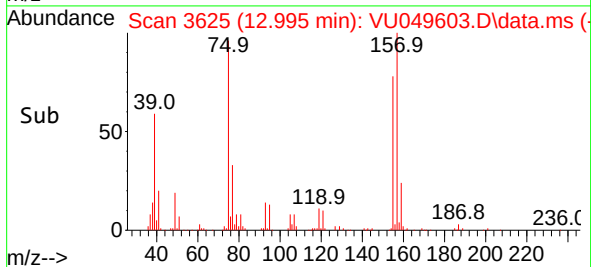
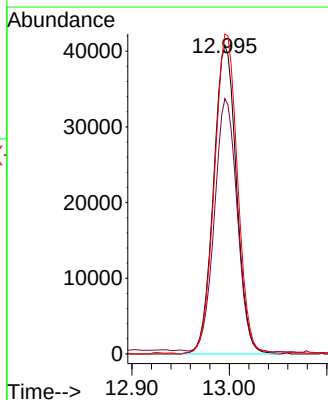
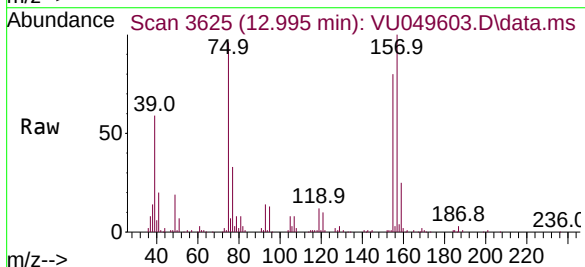
Tgt Ion: 75 Resp: 66858

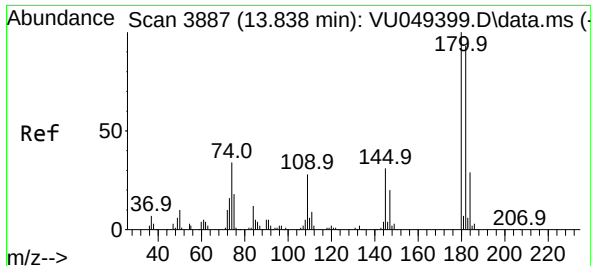
Ion Ratio Lower Upper

75 100

155 80.7 47.8 143.4

157 104.6 62.2 186.5

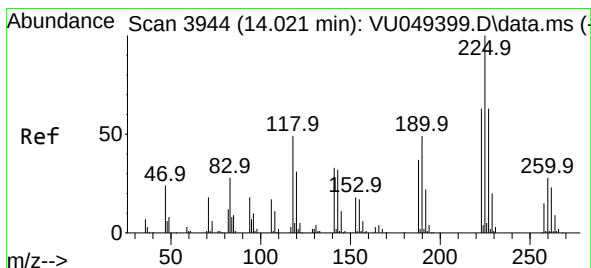
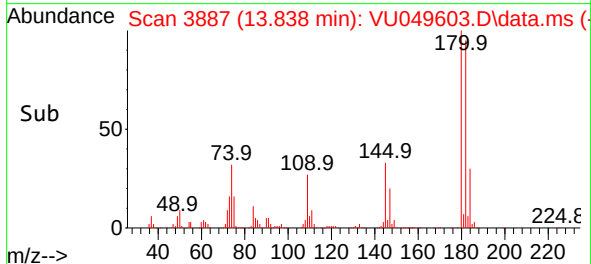
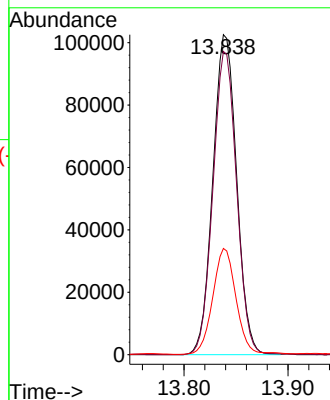
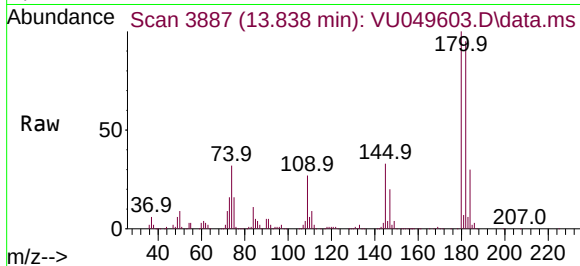




#93
1,2,4-Trichlorobenzene
Concen: 48.423 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

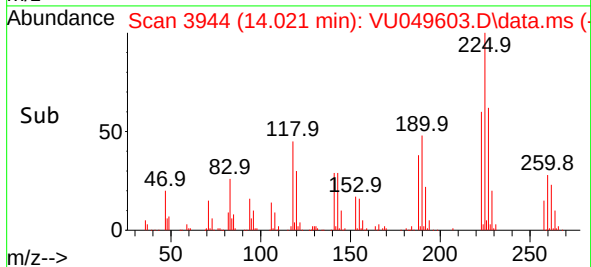
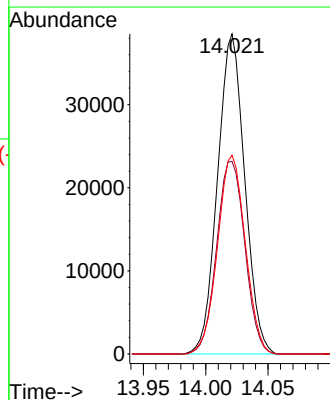
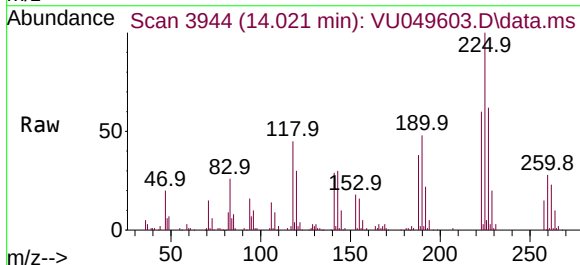
Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

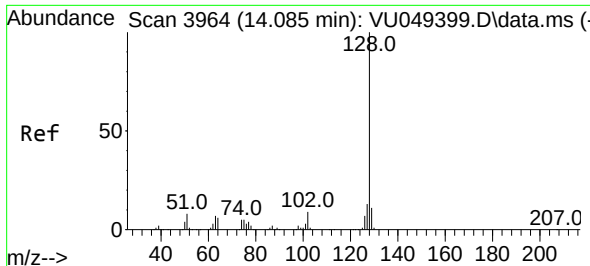
Tgt Ion:180 Resp: 162864
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 32.6 14.0 41.9



#94
Hexachlorobutadiene
Concen: 37.574 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:225 Resp: 58483
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.9
227 63.3 32.0 96.2

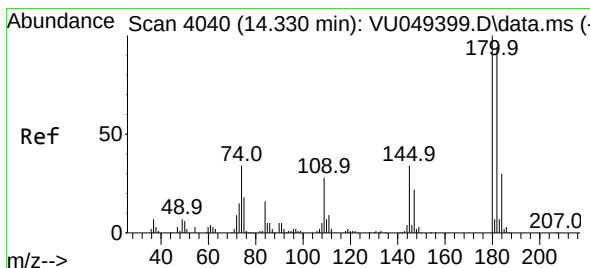
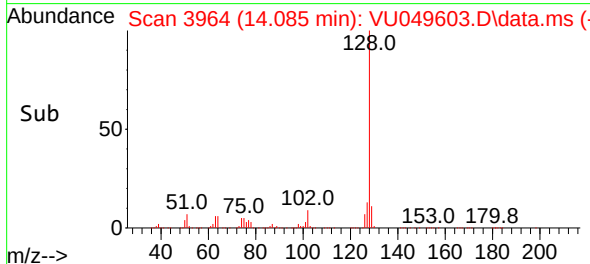
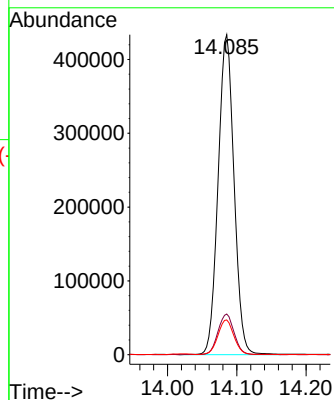
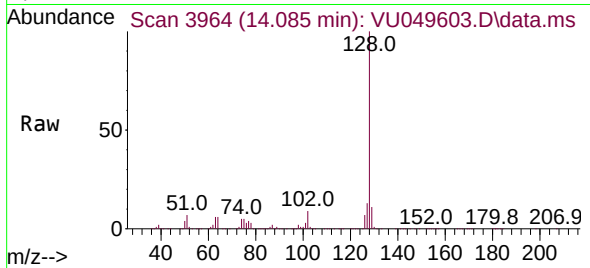




#95
Naphthalene
Concen: 58.662 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Instrument :
MSVOA_U
ClientSampleId :
152140-SPC-09-50MS

Tgt Ion:128 Resp: 693585
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.140 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049603.D
Acq: 01 Jul 2022 23:40

Tgt Ion:180 Resp: 173590
Ion Ratio Lower Upper
180 100
182 97.1 48.4 145.0
145 34.6 14.8 44.4

