

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045509.D
 Acq On : 01 Nov 2021 23:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 07:40:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	188957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358673	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	340826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	168702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154441	50.204	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.400%	
35) Dibromofluoromethane	5.292	113	113884	49.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	7.902	98	447468	50.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	10.635	95	170713	50.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	136864	49.450	ug/l	99
3) Chloromethane	1.520	50	158911	42.264	ug/l	99
4) Vinyl Chloride	1.607	62	161670	51.794	ug/l	100
5) Bromomethane	1.861	94	74445	39.287	ug/l	98
6) Chloroethane	1.935	64	97681	51.941	ug/l	99
7) Trichlorofluoromethane	2.141	101	186036	53.233	ug/l	99
8) Diethyl Ether	2.379	74	86636	53.469	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	111226	52.974	ug/l	100
10) Methyl Iodide	2.726	142	67938	36.614	ug/l	100
11) Tert butyl alcohol	3.211	59	158242	238.308	ug/l	100
12) 1,1-Dichloroethene	2.584	96	114788	53.172	ug/l	97
13) Acrolein	2.494	56	24106	162.201	ug/l	100
14) Allyl chloride	2.928	41	210659	53.142	ug/l	99
15) Acrylonitrile	3.321	53	421280	261.677	ug/l	99
16) Acetone	2.639	43	337023	241.319	ug/l	98
17) Carbon Disulfide	2.797	76	330443	52.597	ug/l	100
18) Methyl Acetate	2.951	43	276726	53.209	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	425247	53.538	ug/l	100
20) Methylene Chloride	3.051	84	136583	49.079	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	123166	52.944	ug/l	98
22) Diisopropyl ether	3.996	45	425432	54.881	ug/l	98
23) Vinyl Acetate	3.957	43	1614755	268.543	ug/l	100
24) 1,1-Dichloroethane	3.877	63	243103	53.517	ug/l	100
25) 2-Butanone	4.706	43	543586	257.828	ug/l	99
26) 2,2-Dichloropropane	4.671	77	164158	46.647	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	143944	53.771	ug/l	99
28) Bromochloromethane	4.976	49	114090	50.919	ug/l	99
29) Tetrahydrofuran	5.054	42	349505	255.620	ug/l	100
30) Chloroform	5.092	83	234126	53.156	ug/l	100
31) Cyclohexane	5.391	56	229240	50.052	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	194434	53.789	ug/l	100
36) 1,1-Dichloropropene	5.530	75	177135	51.881	ug/l	100
37) Ethyl Acetate	4.806	43	207291	50.131	ug/l	99
38) Carbon Tetrachloride	5.530	117	152020	51.052	ug/l	98
39) Methylcyclohexane	6.767	83	217850	51.309	ug/l	99
40) Benzene	5.777	78	530731	51.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	115068	52.583	ug/l	100
42) 1,2-Dichloroethane	5.796	62	190322	50.420	ug/l	99
43) Isopropyl Acetate	5.912	43	323734	51.951	ug/l	100
44) Trichloroethene	6.546	130	124079	52.088	ug/l	99
45) 1,2-Dichloropropane	6.793	63	139651	51.631	ug/l	100
46) Dibromomethane	6.922	93	92706	52.639	ug/l	100
47) Bromodichloromethane	7.108	83	181400	52.336	ug/l	99
48) Methyl methacrylate	6.960	41	153435	51.948	ug/l	100
49) 1,4-Dioxane	7.002	88	66715	888.767	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	1043263	259.025	ug/l	100
52) Toluene	7.973	92	324988	52.017	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	203690	51.561	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	218218	51.579	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	129780	50.854	ug/l	99
56) Ethyl methacrylate	8.336	69	222335	47.691	ug/l	100
57) 1,3-Dichloropropane	8.578	76	234785	51.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	581777	248.708	ug/l	99
59) 2-Hexanone	8.687	43	800471	256.513	ug/l	99
60) Dibromochloromethane	8.812	129	125338	51.175	ug/l	99
61) 1,2-Dibromoethane	8.925	107	138690	51.884	ug/l	99
64) Tetrachloroethene	8.555	164	102483	52.603	ug/l	100
65) Chlorobenzene	9.449	112	326882	50.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	112379	51.545	ug/l	99
67) Ethyl Benzene	9.571	91	615965	52.036	ug/l	100
68) m/p-Xylenes	9.697	106	471111	105.434	ug/l	100
69) o-Xylene	10.102	106	228409	52.424	ug/l	99
70) Styrene	10.118	104	393256	48.838	ug/l	99
71) Bromoform	10.295	173	90812	46.208	ug/l #	100
73) Isopropylbenzene	10.488	105	590308	51.893	ug/l	100
74) N-amyl acetate	10.320	43	275169	46.715	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	227441	50.377	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	253745	56.452	ug/l	92
77) Bromobenzene	10.783	156	135783	51.159	ug/l	98
78) n-propylbenzene	10.909	91	735467	53.328	ug/l	99
79) 2-Chlorotoluene	10.989	91	430170	51.821	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	508477	53.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	67673	42.492	ug/l	99
82) 4-Chlorotoluene	11.098	91	500958	53.069	ug/l	100
83) tert-Butylbenzene	11.423	119	478987	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	508630	53.033	ug/l	100
85) sec-Butylbenzene	11.645	105	635927	52.449	ug/l	100
86) p-Isopropyltoluene	11.796	119	524881	48.870	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	263758	50.343	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	266942	49.825	ug/l	100
89) n-Butylbenzene	12.211	91	506693	48.230	ug/l	100
90) Hexachloroethane	12.478	117	83770	48.405	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	264095	50.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	54216	49.997	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	180009	51.296	ug/l	100
94) Hexachlorobutadiene	14.024	225	62110	48.610	ug/l	99
95) Naphthalene	14.089	128	680558	49.055	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	183640	51.917	ug/l	99

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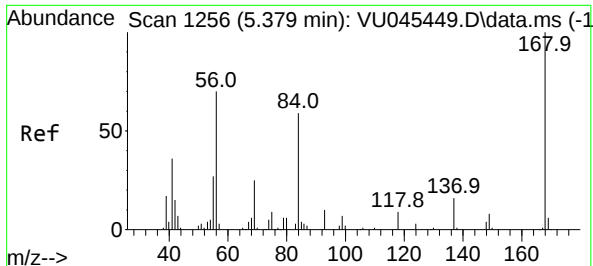
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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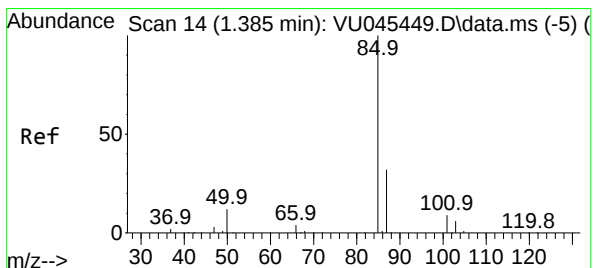
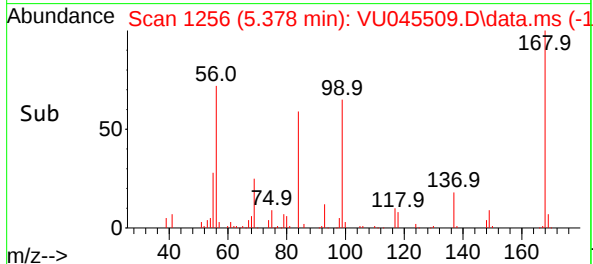
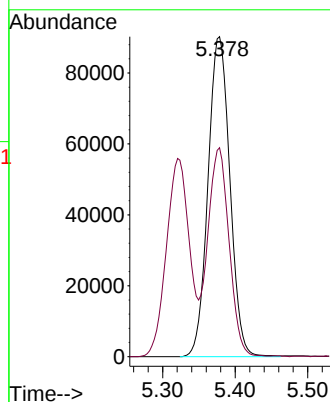
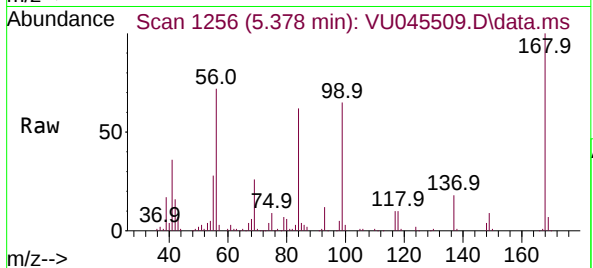




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
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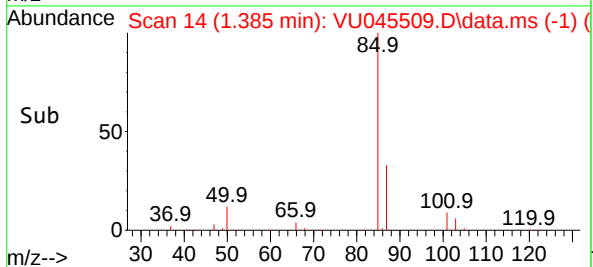
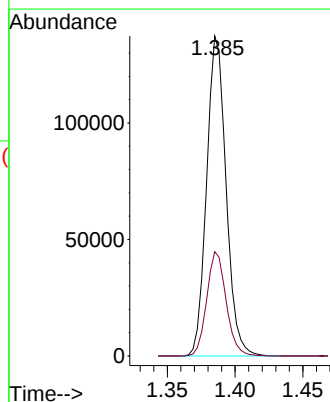
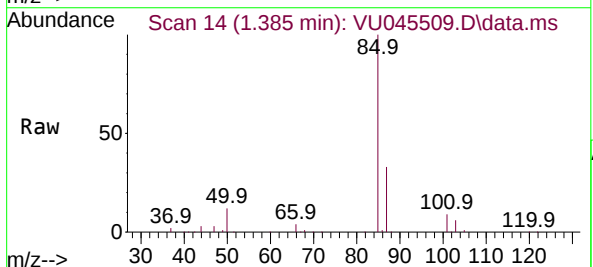
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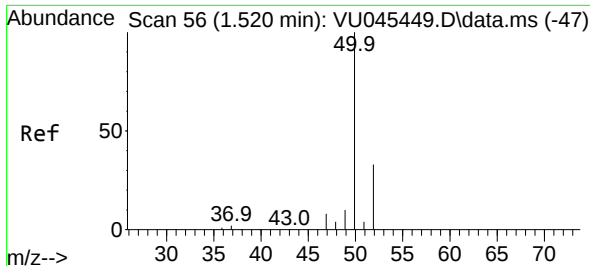
Tgt Ion:168 Resp: 188957
Ion Ratio Lower Upper
168 100
99 65.1 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 49.450 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 85 Resp: 136864
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7

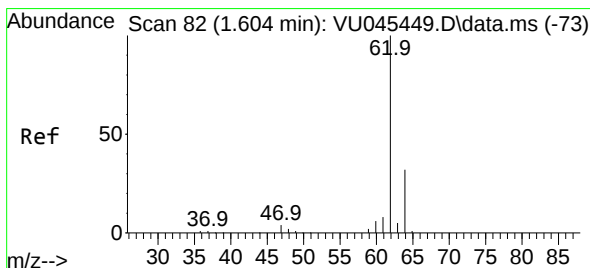
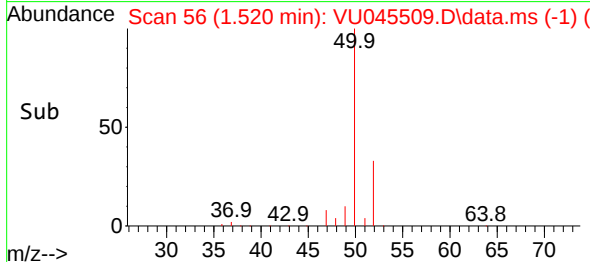
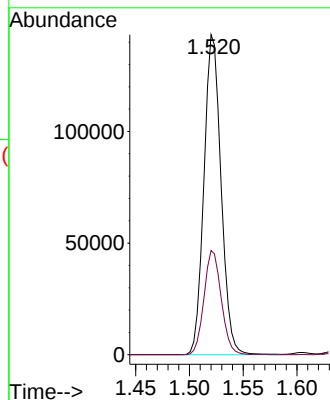
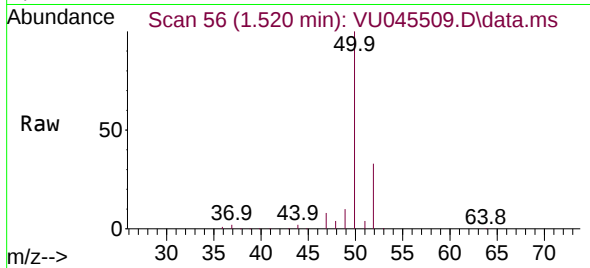




#3
Chloromethane
Concen: 42.264 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU045509.D
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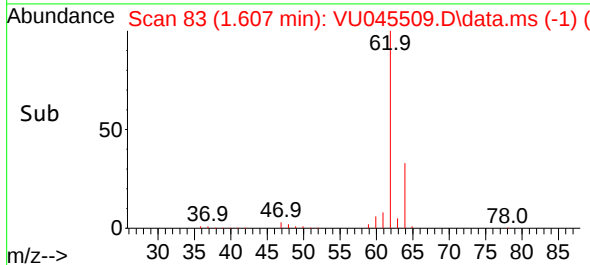
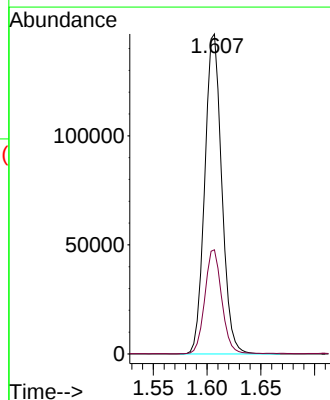
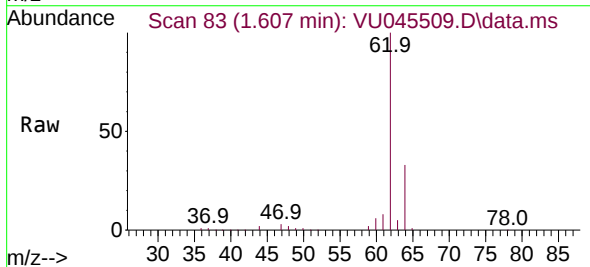
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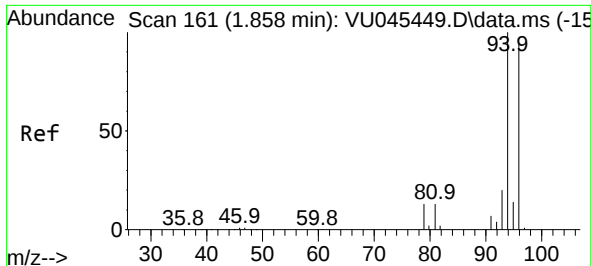
Tgt Ion: 50 Resp: 158911
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 51.794 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 62 Resp: 161670
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

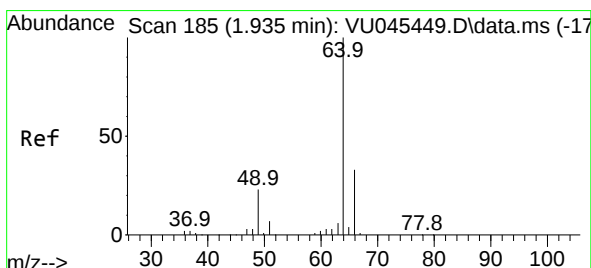
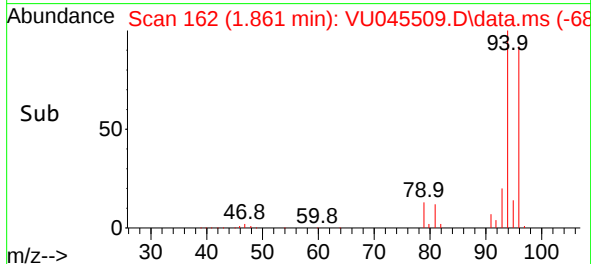
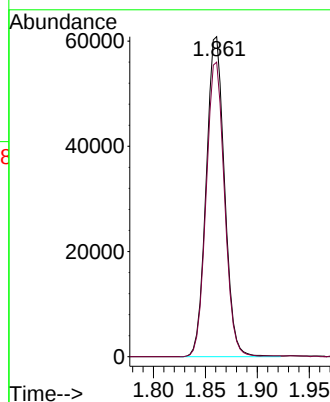
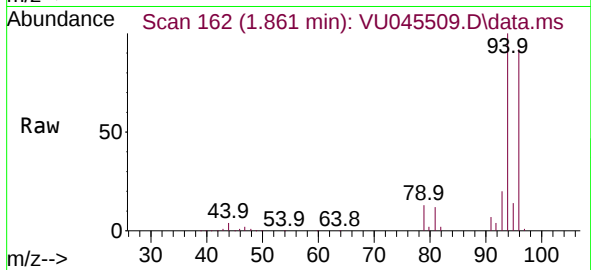




#5
Bromomethane
Concen: 39.287 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

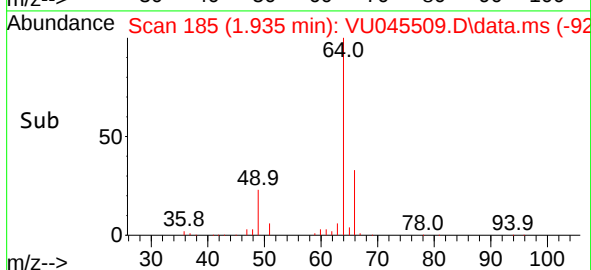
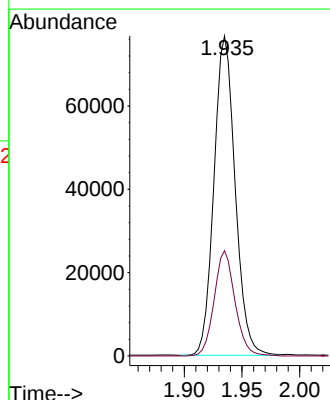
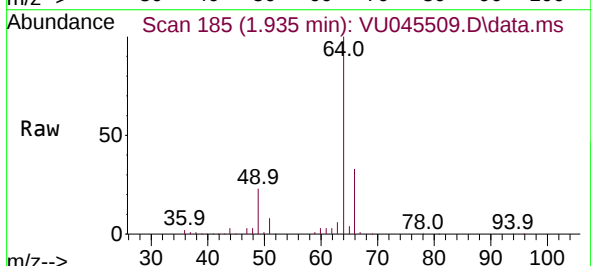
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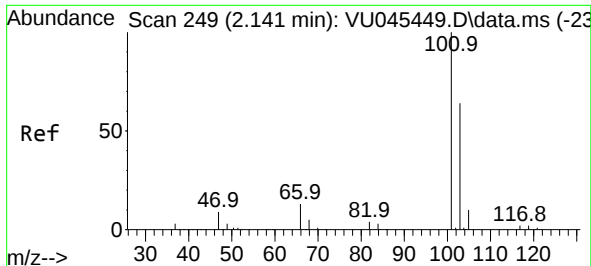
Tgt Ion: 94 Resp: 74445
Ion Ratio Lower Upper
94 100
96 92.1 75.4 113.2



#6
Chloroethane
Concen: 51.941 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 64 Resp: 97681
Ion Ratio Lower Upper
64 100
66 33.0 26.7 40.1

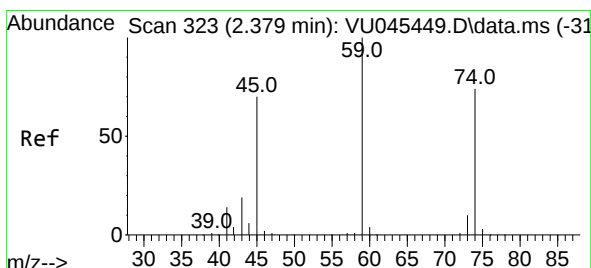
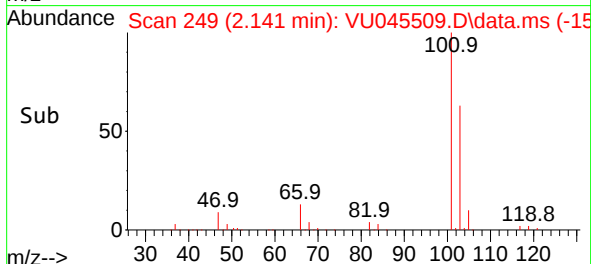
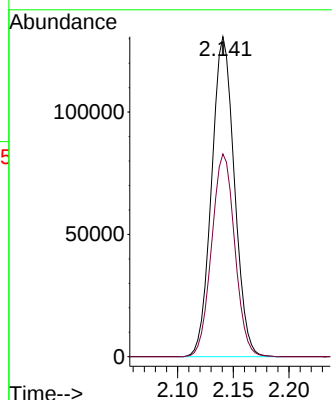
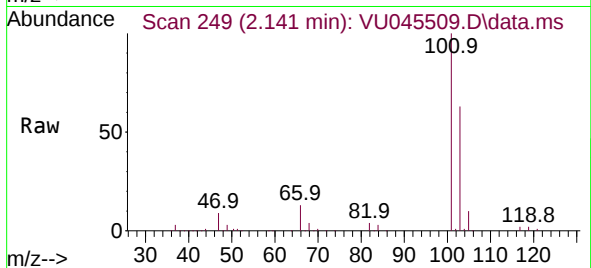




#7
 Trichlorofluoromethane
 Concen: 53.233 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

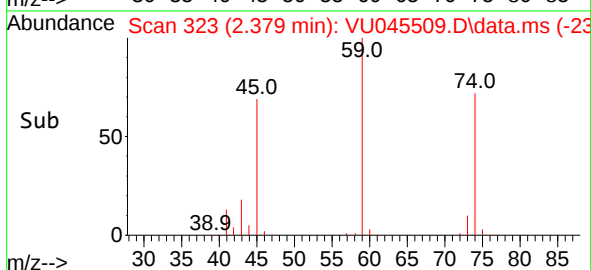
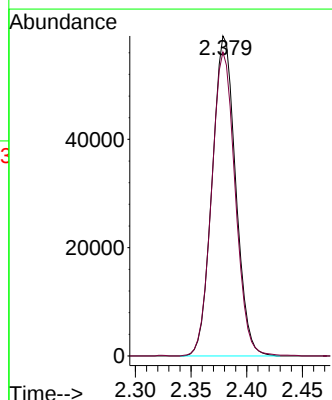
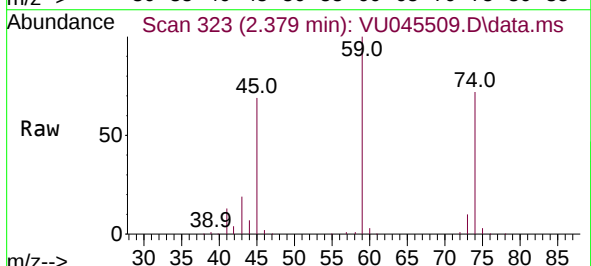
Instrument :
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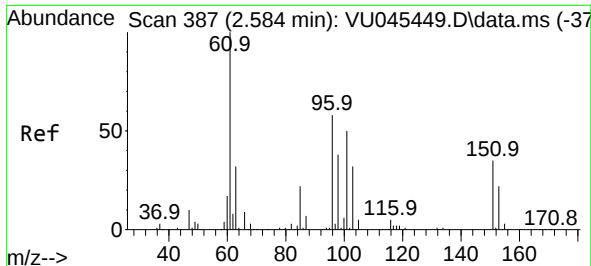
Tgt Ion:101 Resp: 186036
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.469 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 86636
 Ion Ratio Lower Upper
 74 100
 45 95.5 47.3 141.8

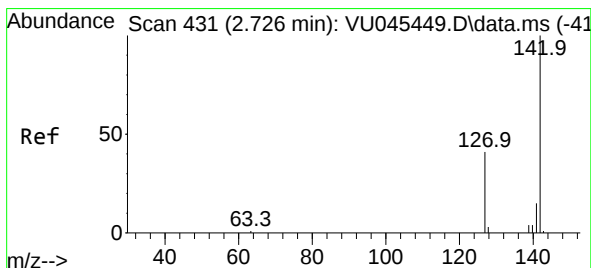
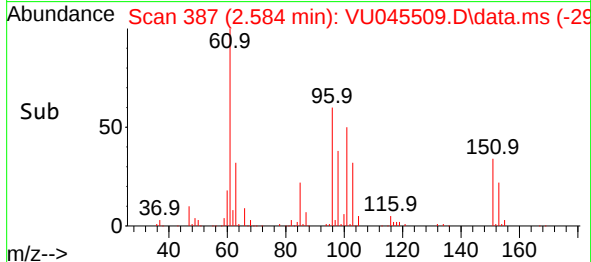
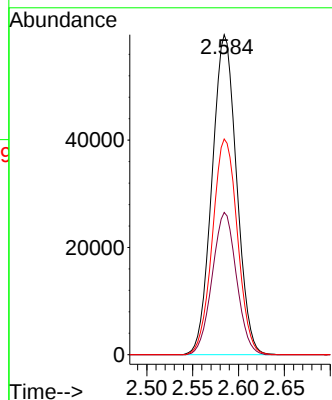
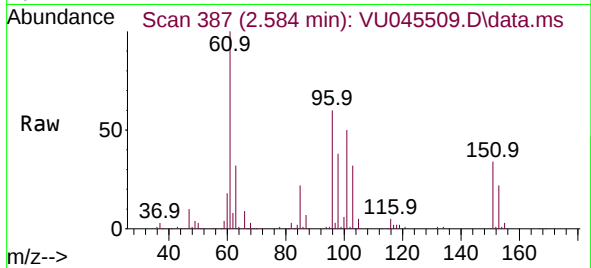




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.974 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045509.D
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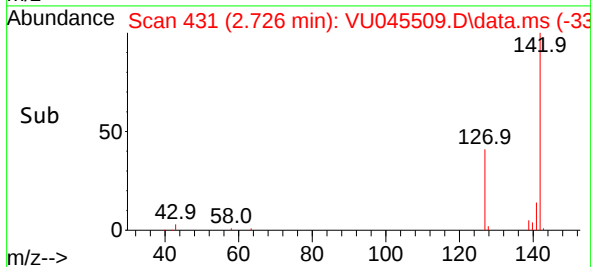
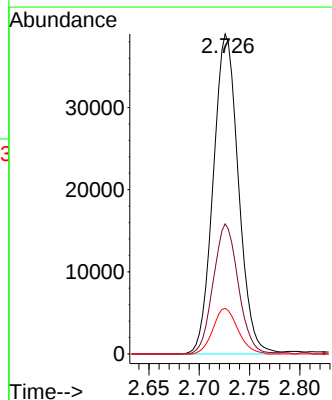
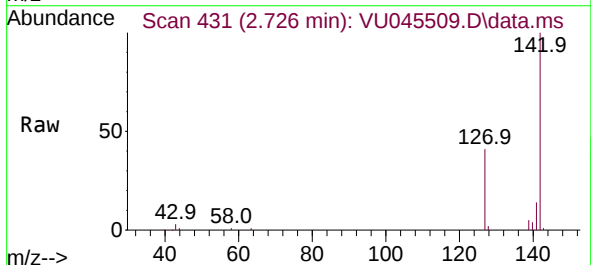
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

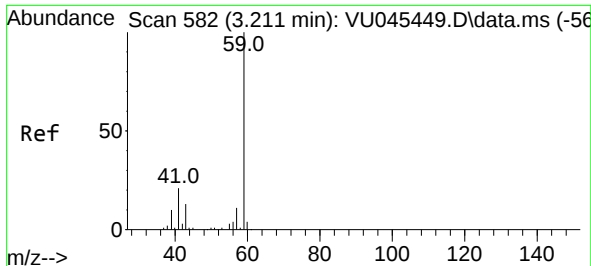
Tgt Ion:101 Resp: 111226
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.4
151 68.5 54.6 82.0



#10
Methyl Iodide
Concen: 36.614 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:142 Resp: 67938
Ion Ratio Lower Upper
142 100
127 40.6 32.2 48.2
141 14.1 11.3 16.9

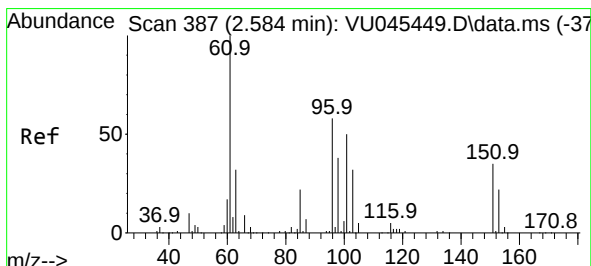
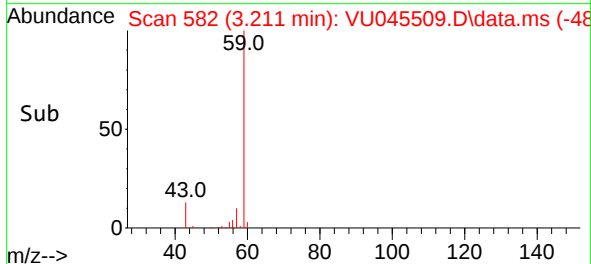
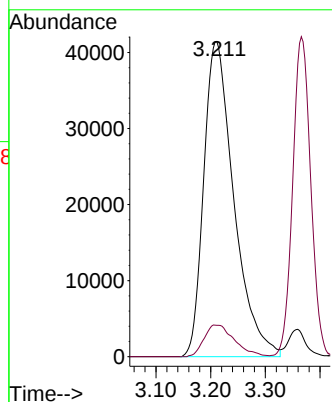
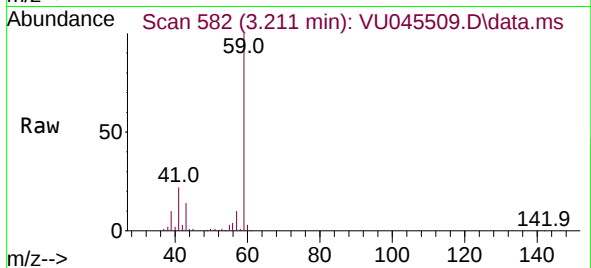




#11
Tert butyl alcohol
Concen: 238.308 ug/l
RT: 3.211 min Scan# 582
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

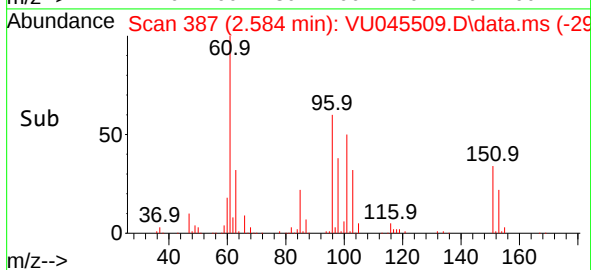
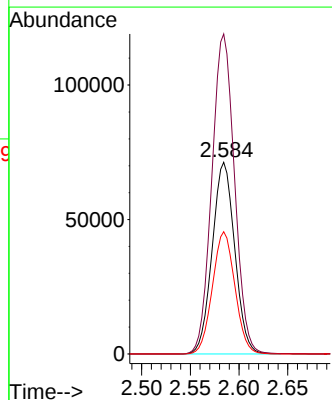
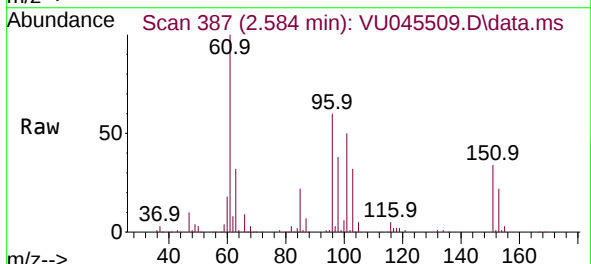
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

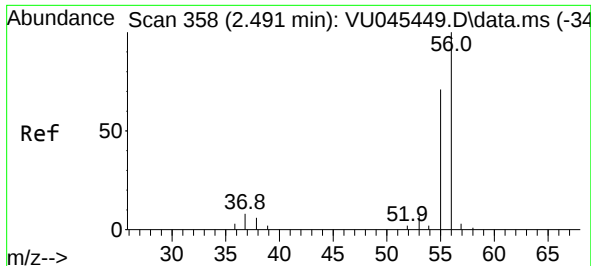
Tgt Ion: 59 Resp: 158242
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.172 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 96 Resp: 114788
Ion Ratio Lower Upper
96 100
61 167.0 137.1 205.7
98 63.8 51.5 77.3





#13

Acrolein

Concen: 162.201 ug/l

RT: 2.494 min Scan# 358

Delta R.T. 0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

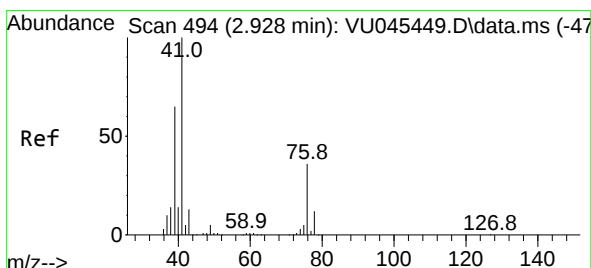
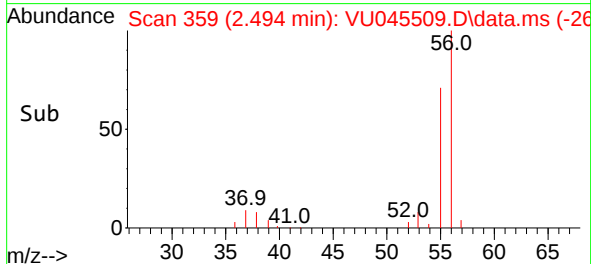
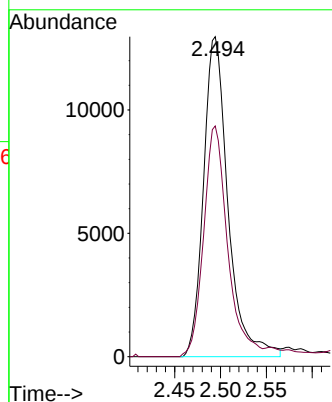
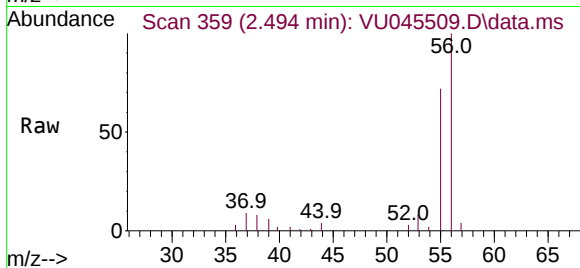
VSTDCCC050EC

Tgt Ion: 56 Resp: 24106

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



#14

Allyl chloride

Concen: 53.142 ug/l

RT: 2.928 min Scan# 494

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

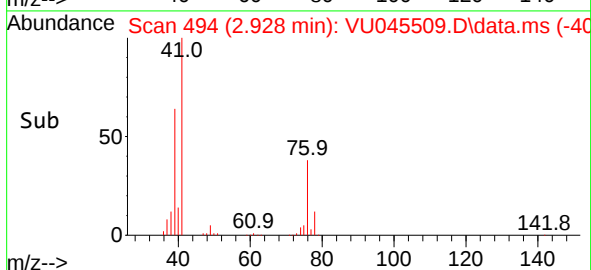
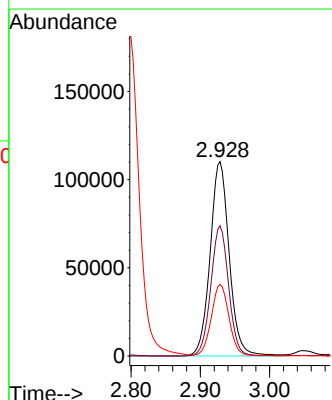
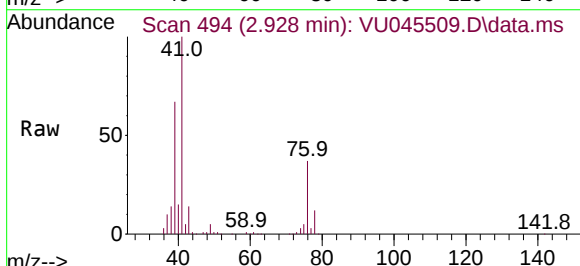
Tgt Ion: 41 Resp: 210659

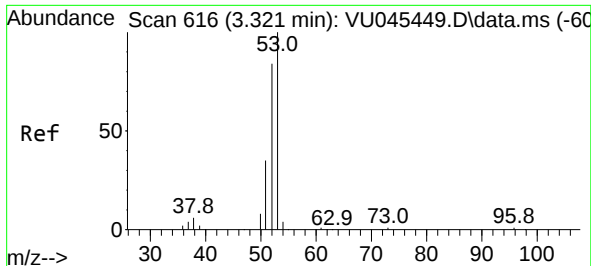
Ion Ratio Lower Upper

41 100

39 62.6 49.7 74.5

76 33.8 27.7 41.5

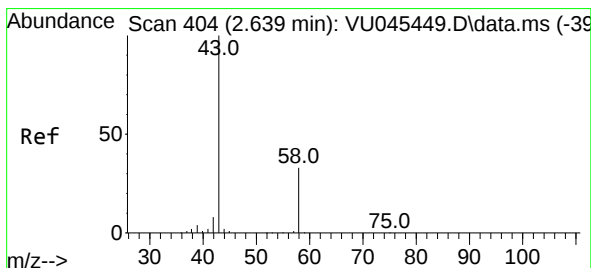
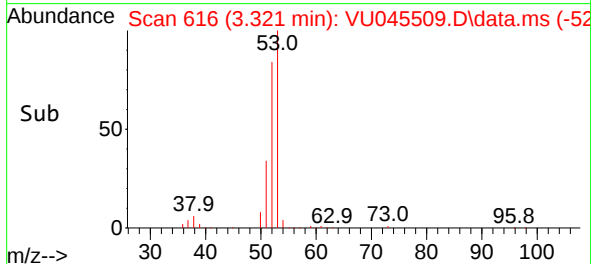
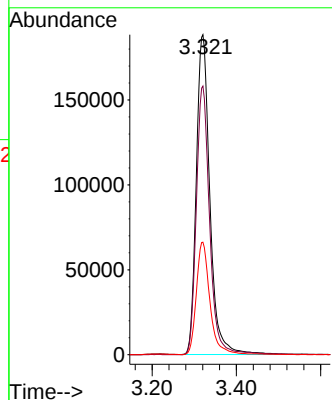
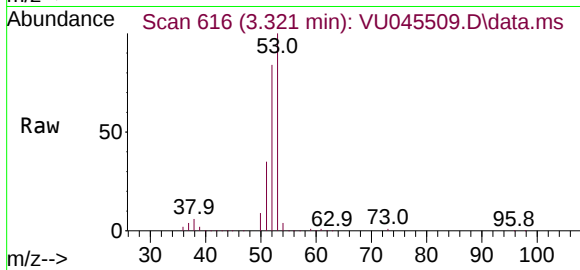




#15
Acrylonitrile
Concen: 261.677 ug/l
RT: 3.321 min Scan# 616
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

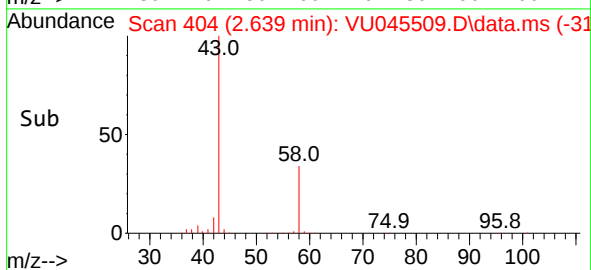
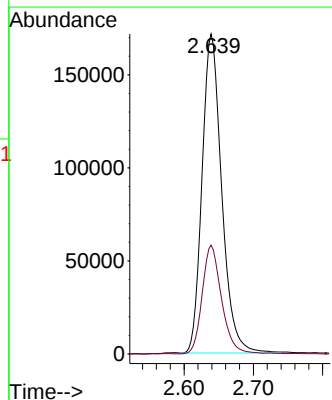
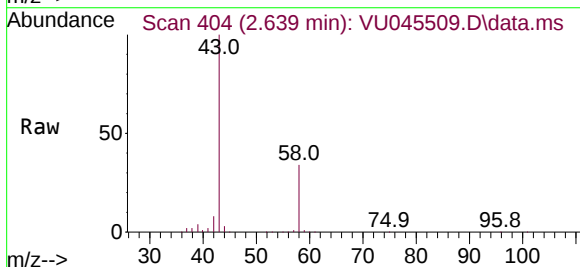
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

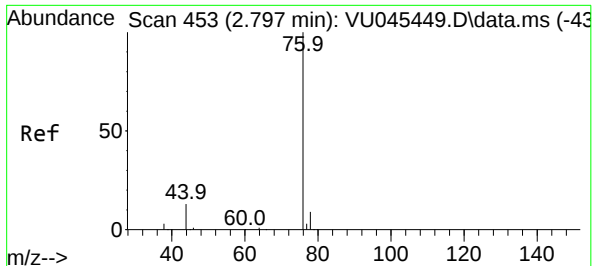
Tgt Ion: 53 Resp: 421280
Ion Ratio Lower Upper
53 100
52 81.6 66.6 100.0
51 35.1 28.4 42.6



#16
Acetone
Concen: 241.319 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 43 Resp: 337023
Ion Ratio Lower Upper
43 100
58 34.0 26.2 39.2

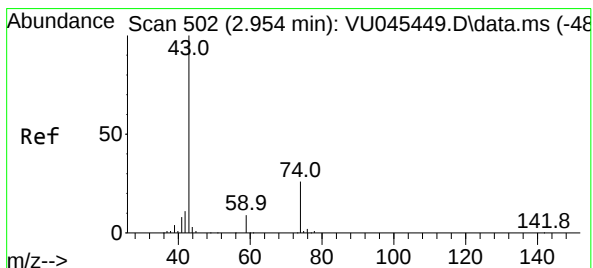
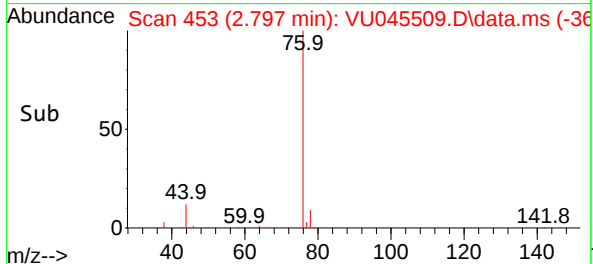
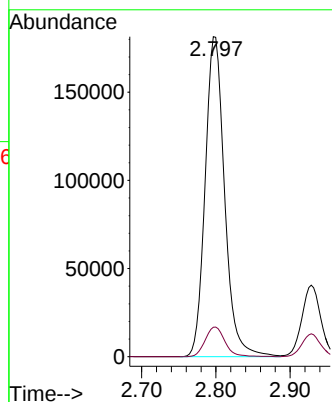
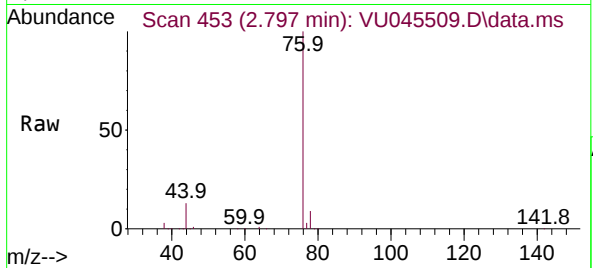




#17
Carbon Disulfide
Concen: 52.597 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

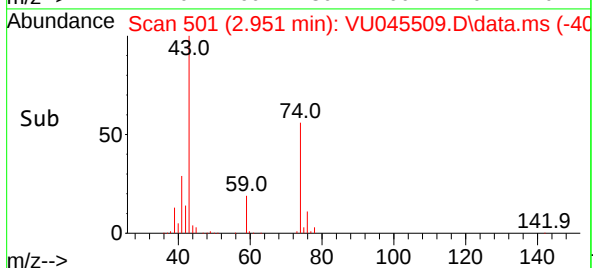
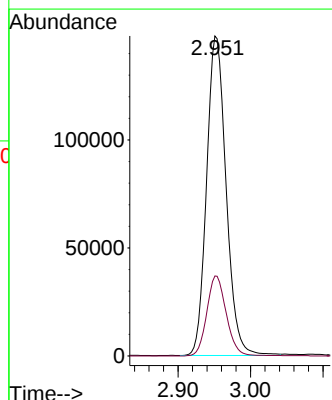
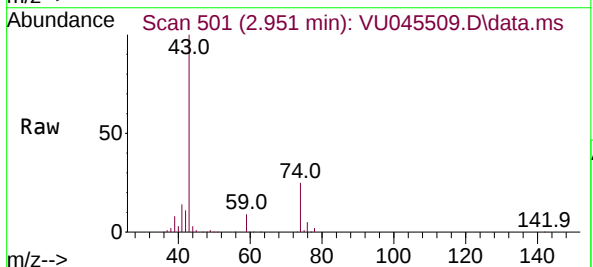
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

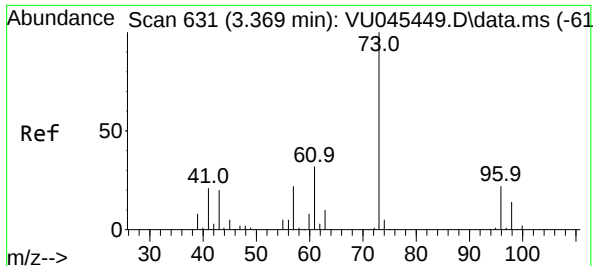
Tgt Ion: 76 Resp: 330443
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 53.209 ug/l
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 43 Resp: 276726
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2

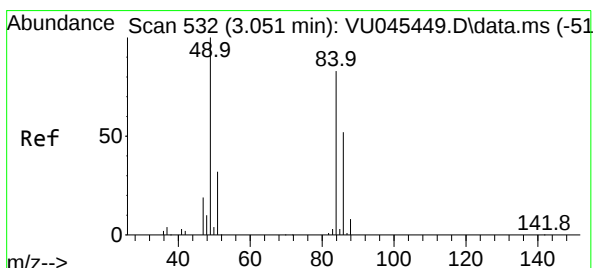
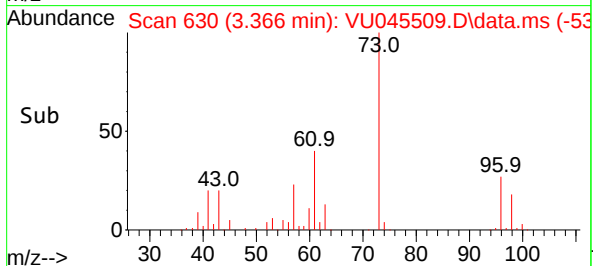
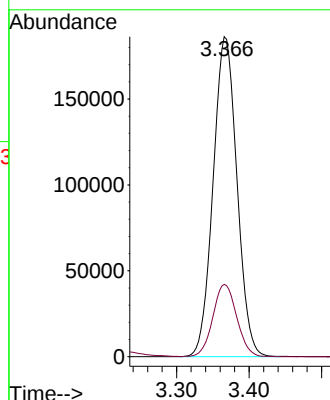
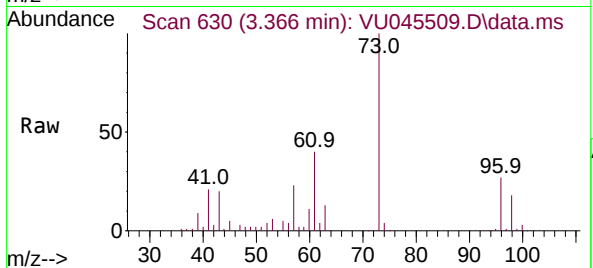




#19
Methyl tert-butyl Ether
Concen: 53.538 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

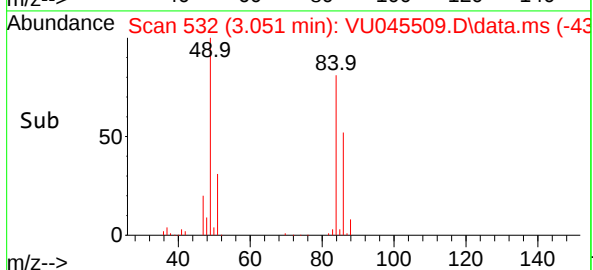
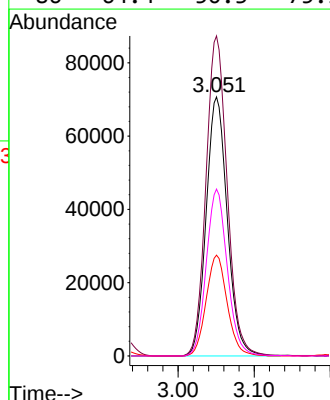
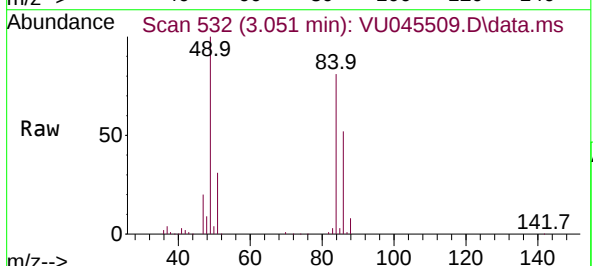
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

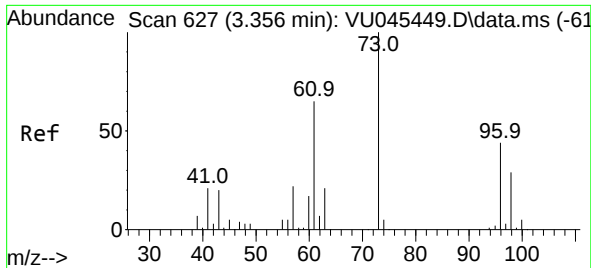
Tgt Ion: 73 Resp: 425247
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1



#20
Methylene Chloride
Concen: 49.079 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 84 Resp: 136583
Ion Ratio Lower Upper
84 100
49 123.6 96.4 144.6
51 38.9 30.5 45.7
86 64.4 50.3 75.5

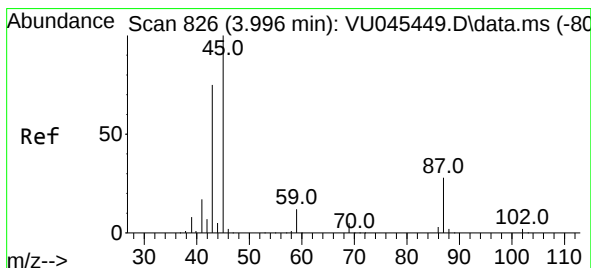
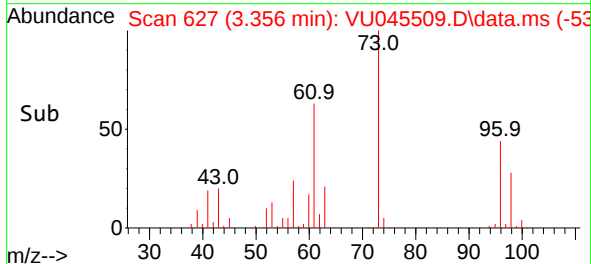
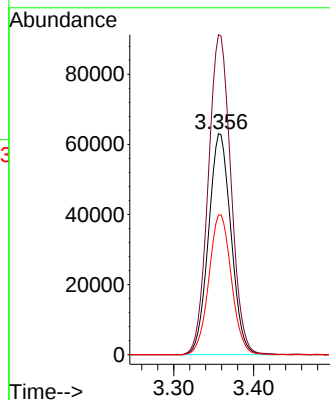
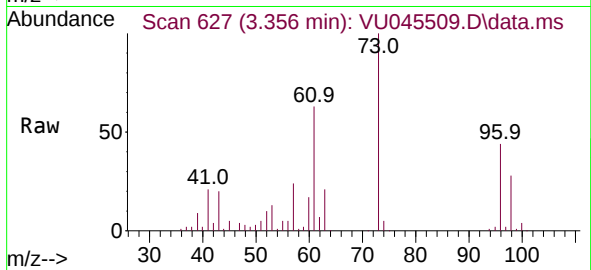




#21
trans-1,2-Dichloroethene
Concen: 52.944 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

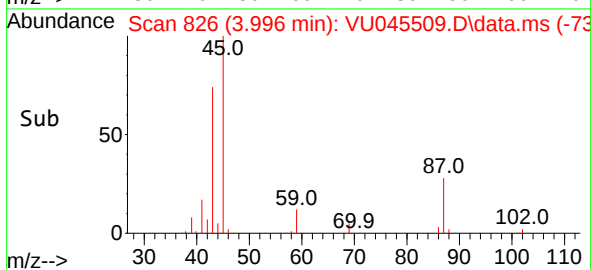
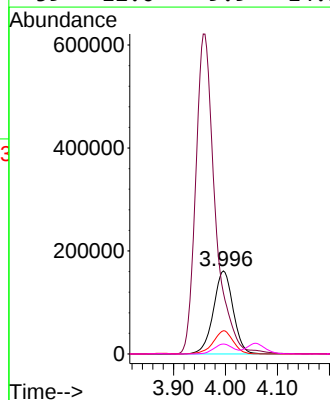
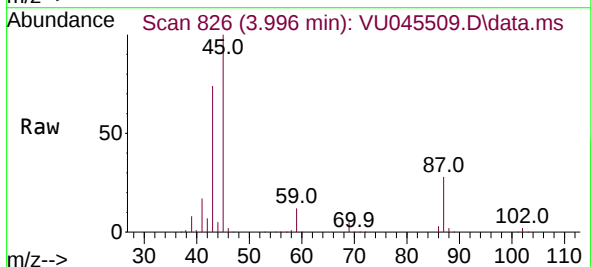
Instrument :
MSVOA_U
ClientSampleId :
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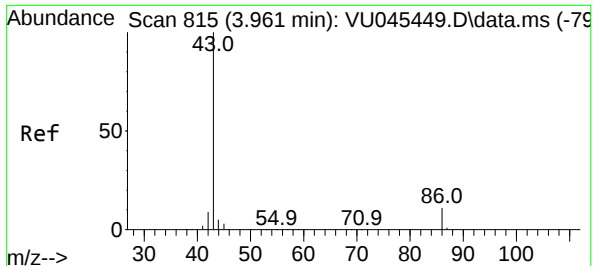
Tgt Ion: 96 Resp: 123166
Ion Ratio Lower Upper
96 100
61 144.8 118.2 177.4
98 63.2 52.1 78.1



#22
Diisopropyl ether
Concen: 54.881 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 45 Resp: 425432
Ion Ratio Lower Upper
45 100
43 72.9 60.0 90.0
87 27.9 22.3 33.5
59 12.0 9.9 14.9

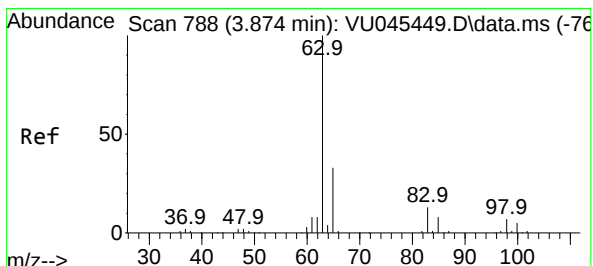
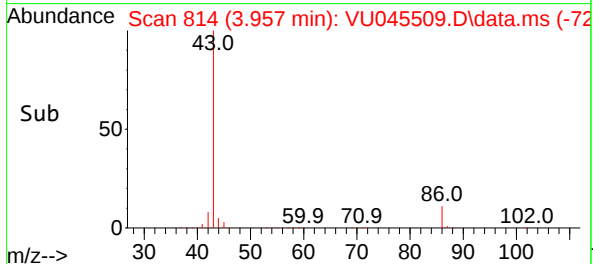
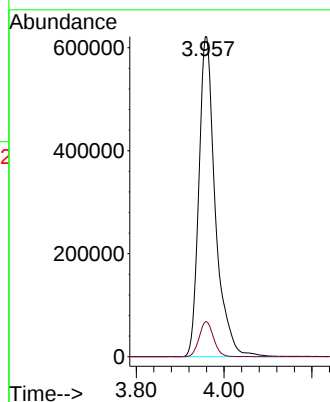
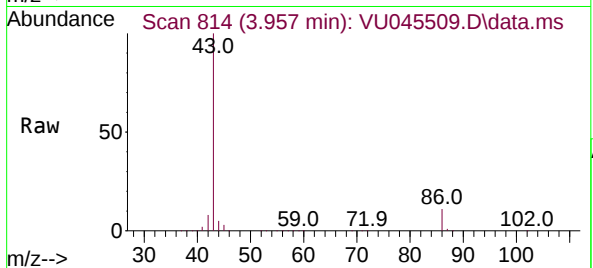




#23
 Vinyl Acetate
 Concen: 268.543 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

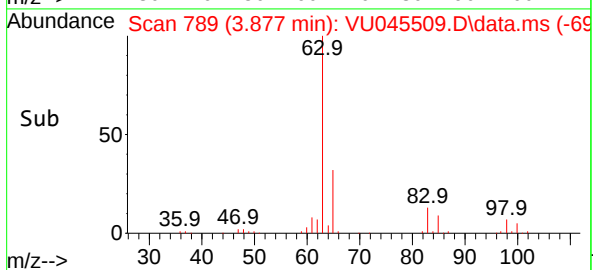
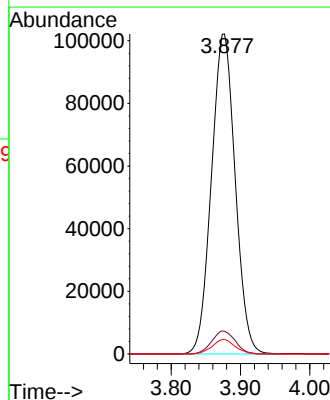
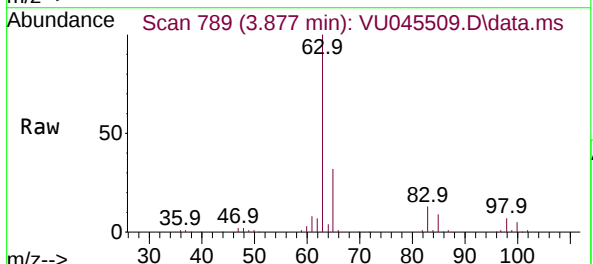
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

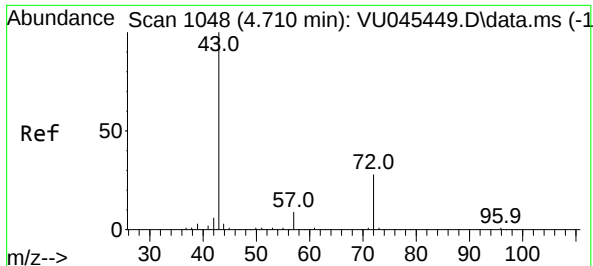
Tgt Ion: 43 Resp: 1614755
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 53.517 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion: 63 Resp: 243103
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.5 2.4 7.2

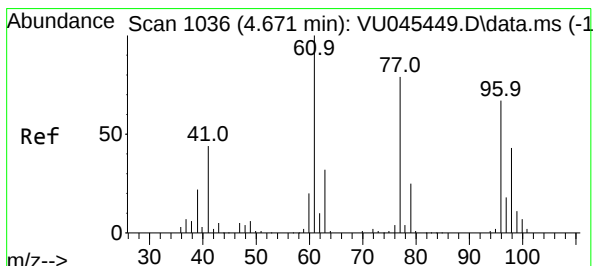
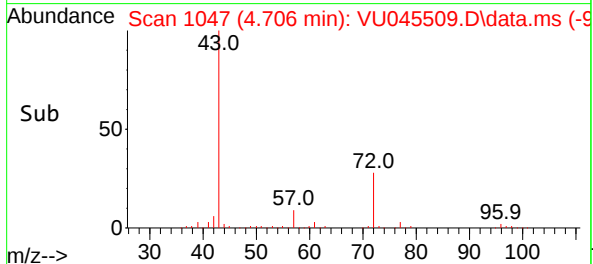
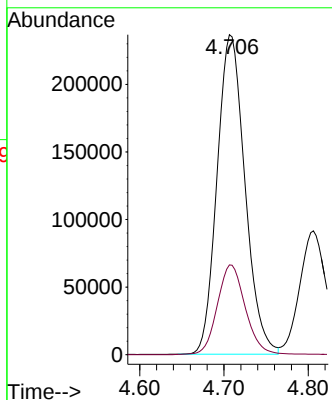
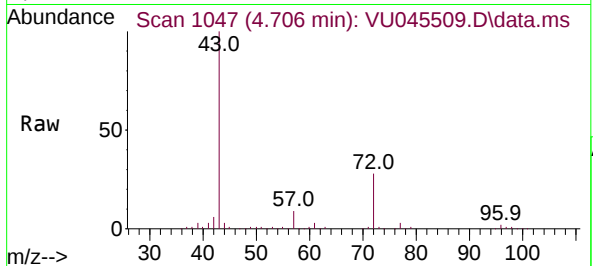




#25
2-Butanone
Concen: 257.828 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

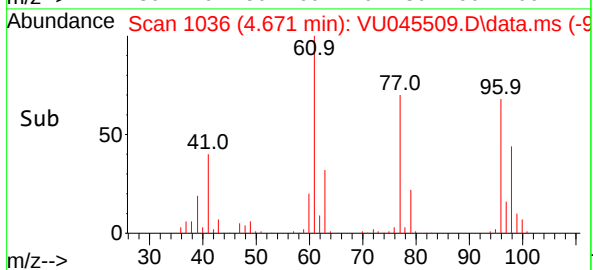
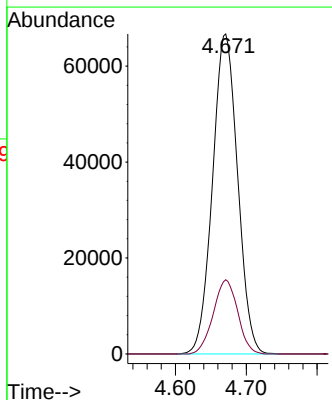
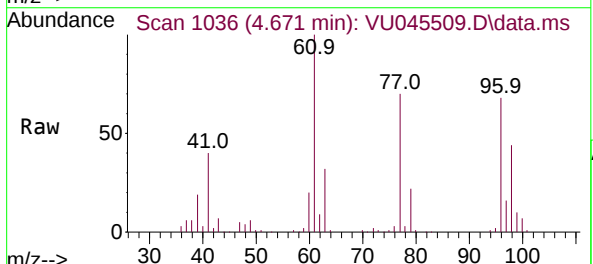
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

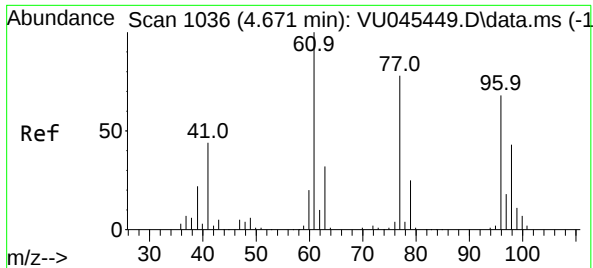
Tgt Ion: 43 Resp: 543586
Ion Ratio Lower Upper
43 100
72 28.0 22.0 33.0



#26
2,2-Dichloropropane
Concen: 46.647 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 77 Resp: 164158
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1

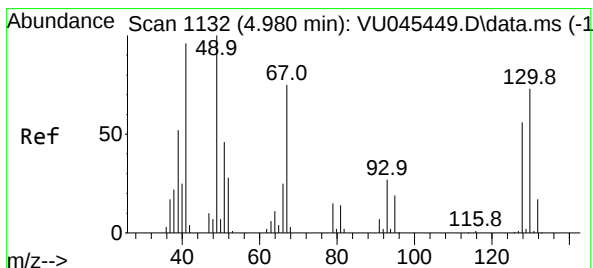
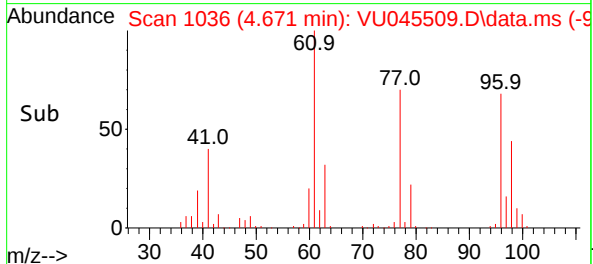
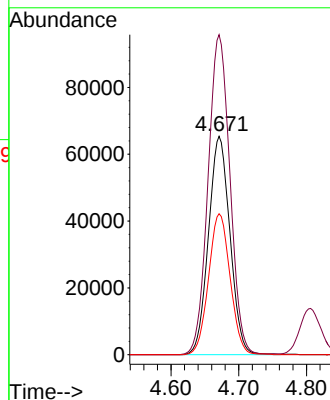
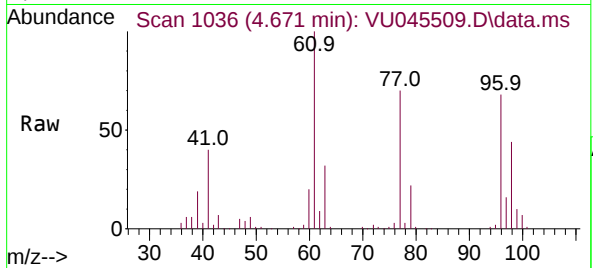




#27
 cis-1,2-Dichloroethene
 Concen: 53.771 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

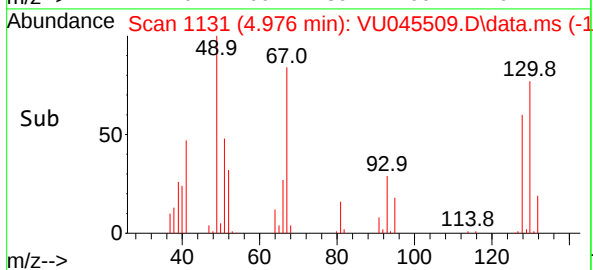
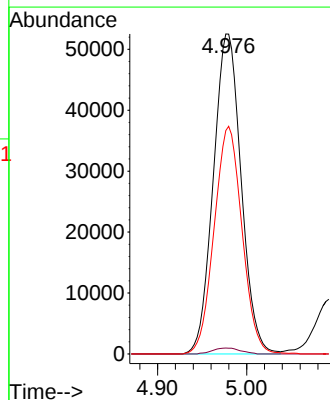
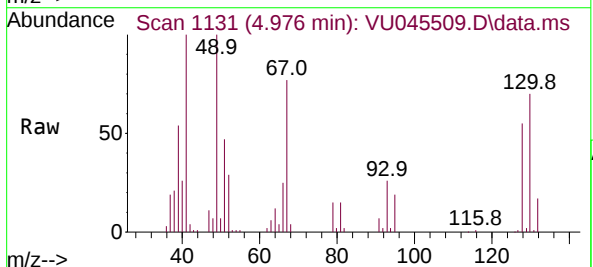
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

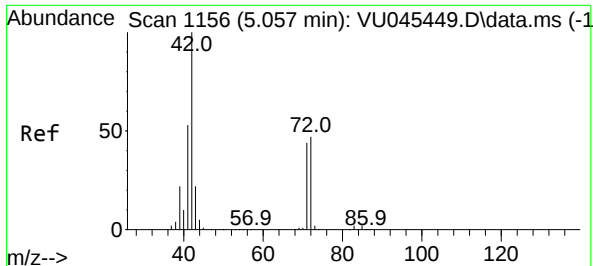
Tgt Ion: 96 Resp: 143944
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 299.2
 98 64.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 50.919 ug/l
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion: 49 Resp: 114090
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 71.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.620 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

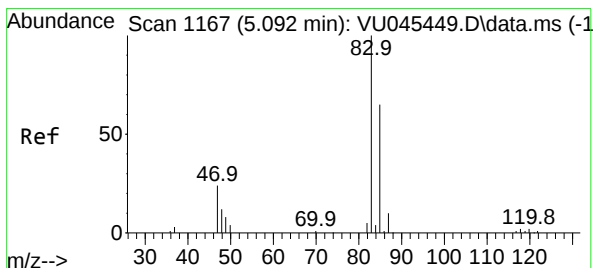
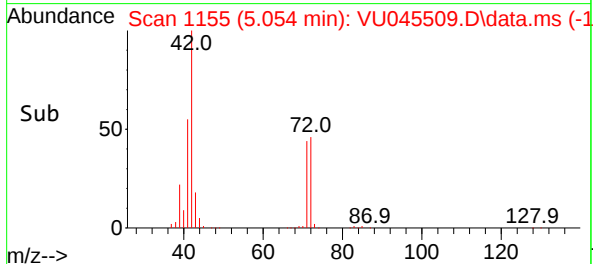
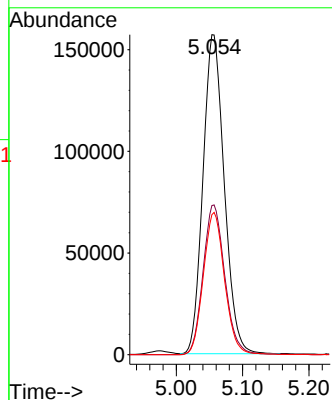
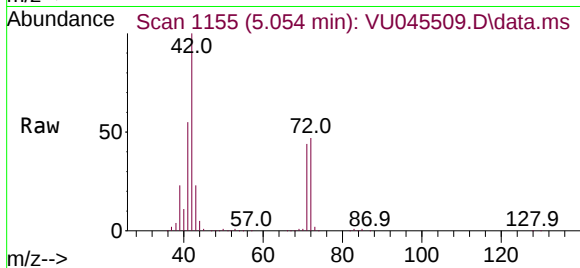
Tgt Ion: 42 Resp: 349505

Ion Ratio Lower Upper

42 100

72 48.0 38.2 57.4

71 44.6 35.4 53.2



#30

Chloroform

Concen: 53.156 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045509.D

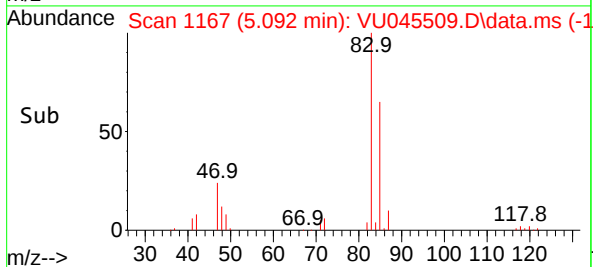
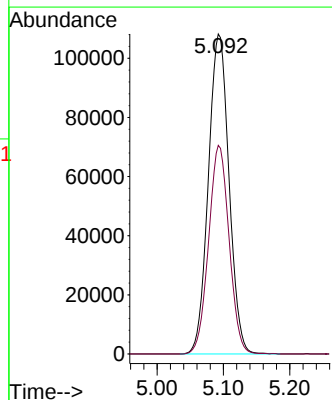
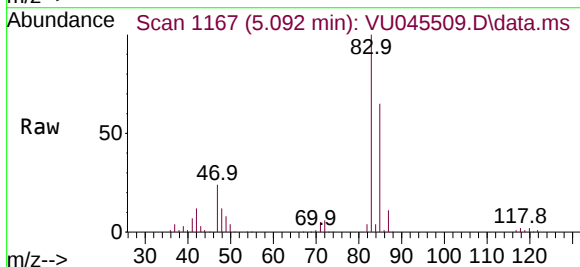
Acq: 01 Nov 2021 23:54

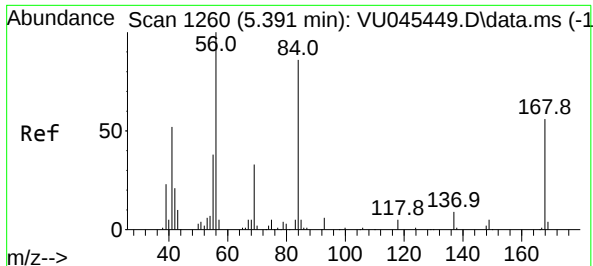
Tgt Ion: 83 Resp: 234126

Ion Ratio Lower Upper

83 100

85 65.2 52.0 78.0





#31

Cyclohexane

Concen: 50.052 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

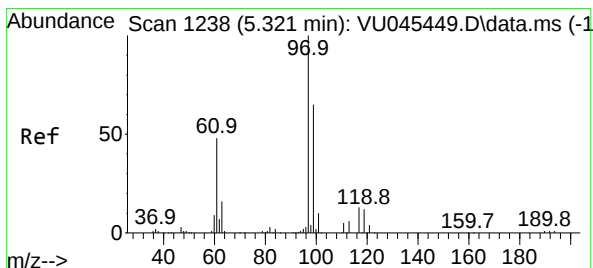
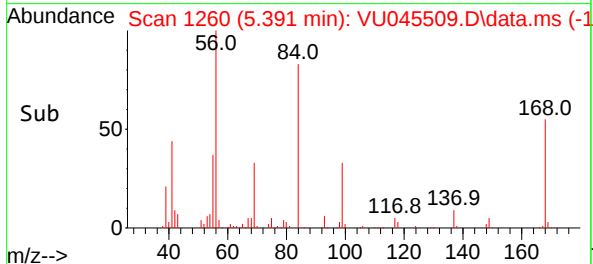
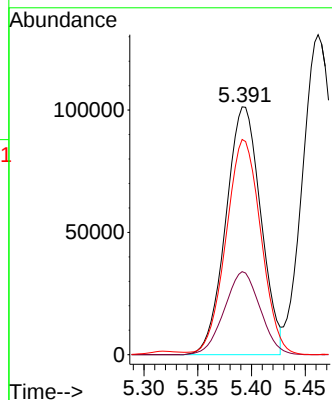
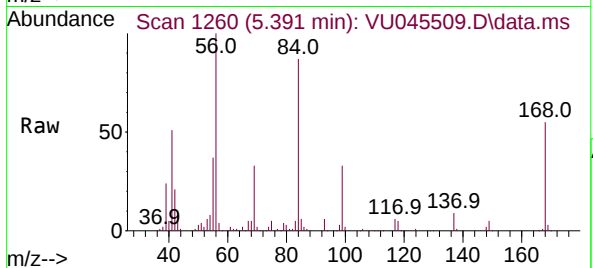
Tgt Ion: 56 Resp: 229240

Ion Ratio Lower Upper

56 100

69 33.5 26.4 39.6

84 85.8 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 53.789 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

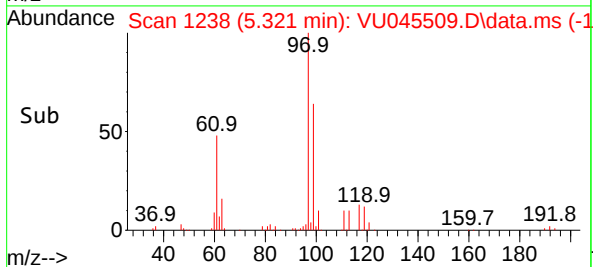
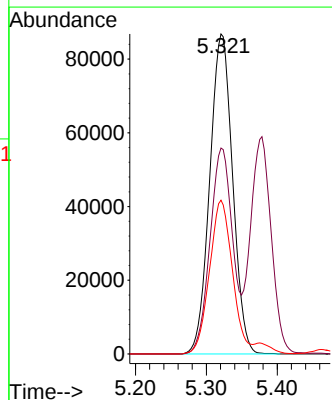
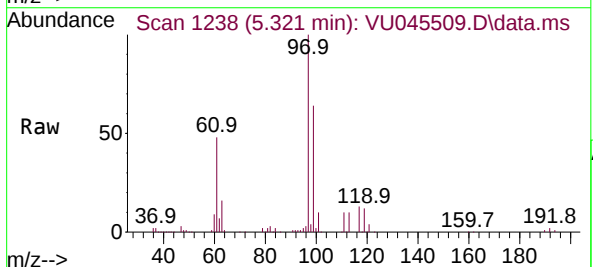
Tgt Ion: 97 Resp: 194434

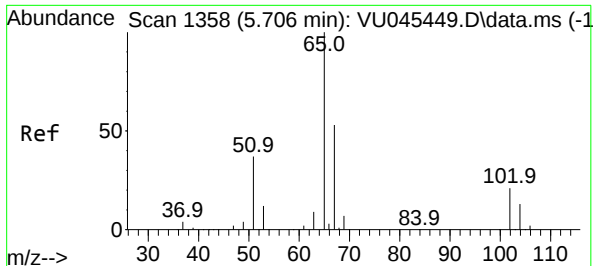
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 48.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.204 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

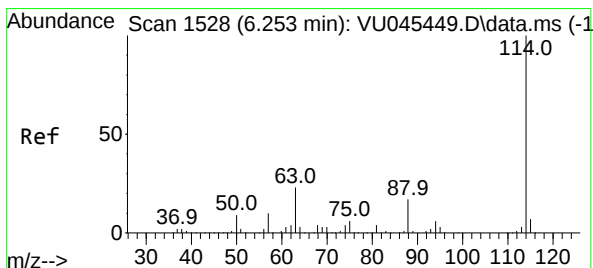
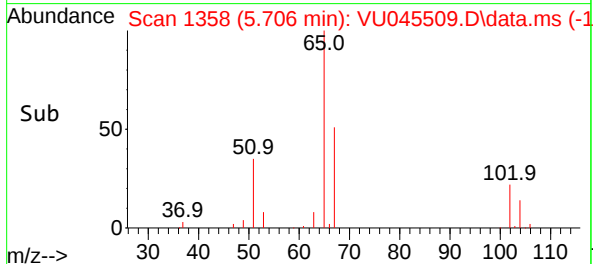
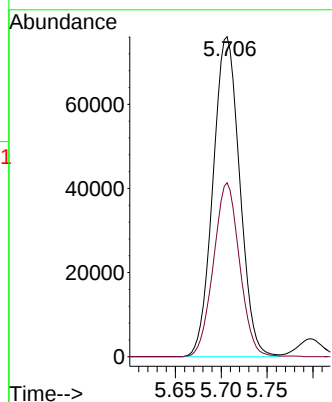
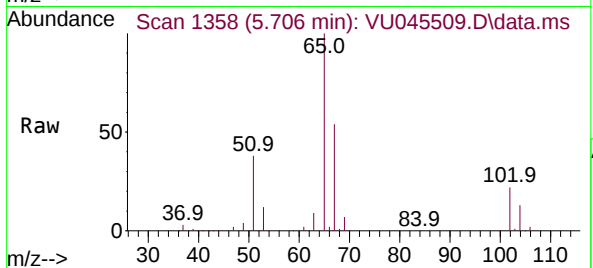
VSTDCCC050EC

Tgt Ion: 65 Resp: 154441

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

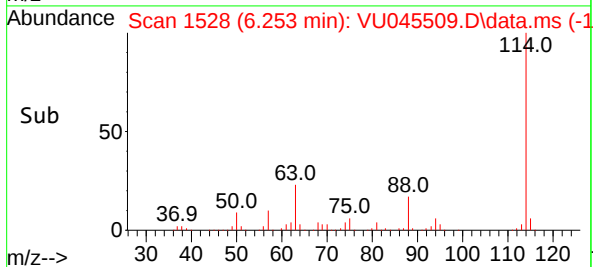
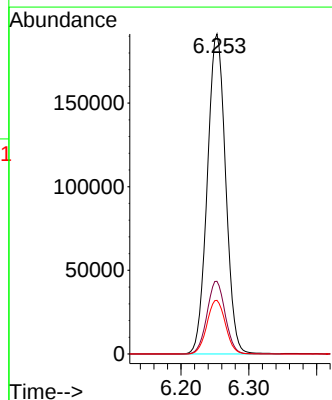
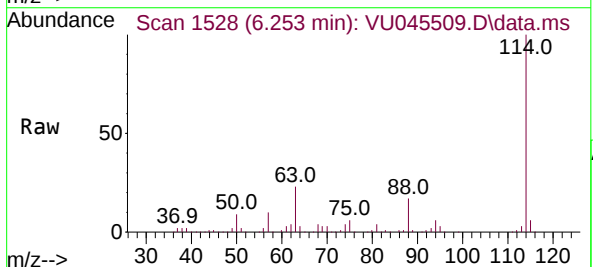
Tgt Ion: 114 Resp: 358673

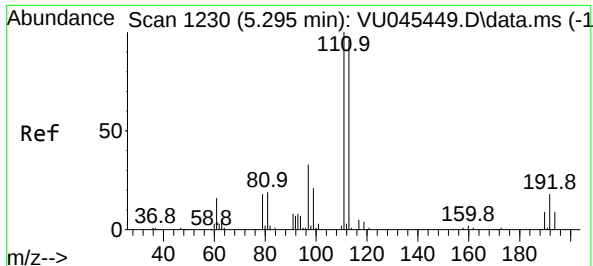
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.936 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

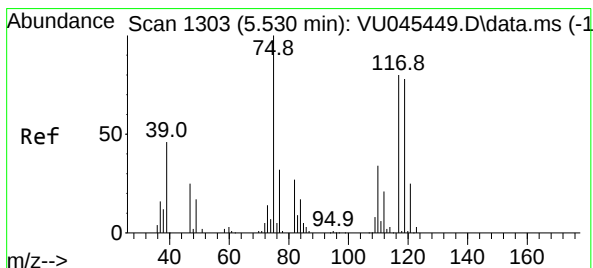
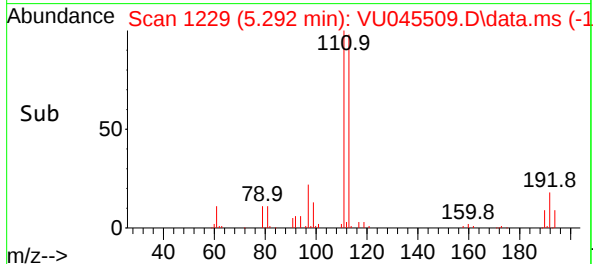
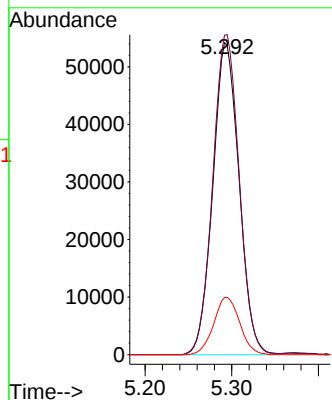
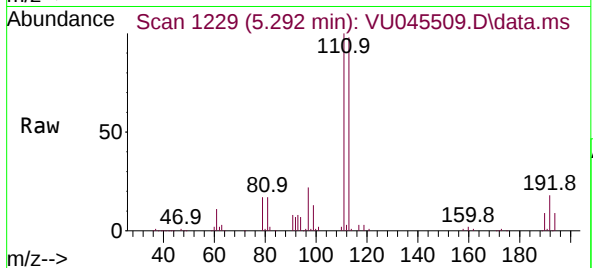
Tgt Ion:113 Resp: 113884

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 51.881 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

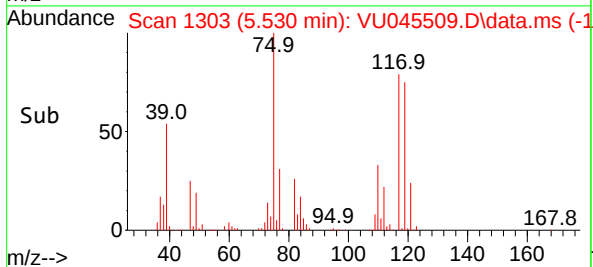
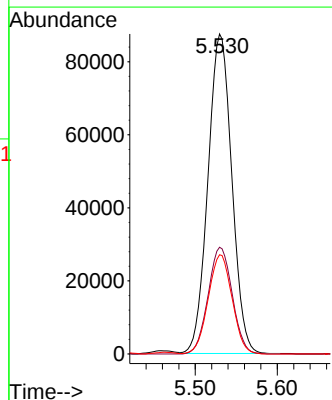
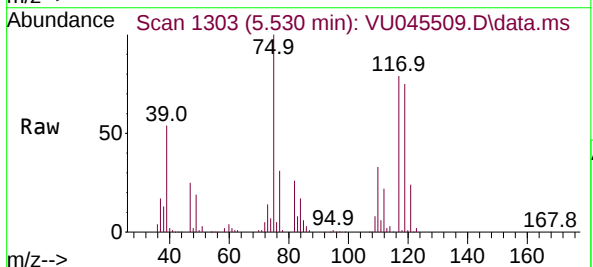
Tgt Ion: 75 Resp: 177135

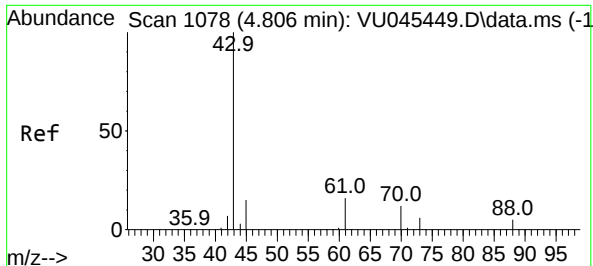
Ion Ratio Lower Upper

75 100

110 33.7 16.7 50.0

77 31.2 25.0 37.4

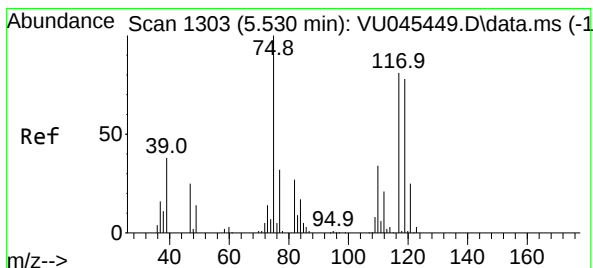
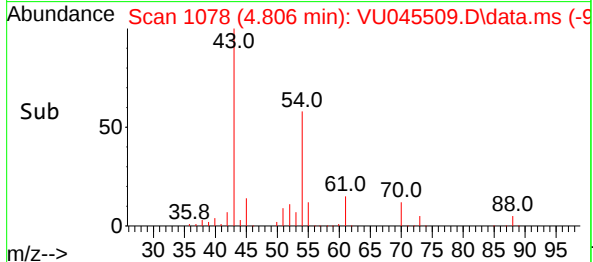
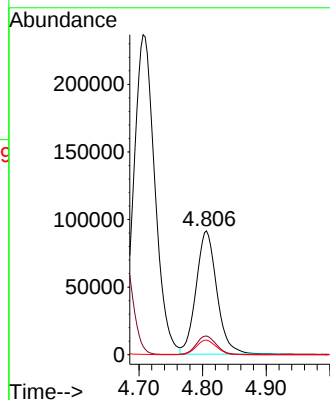
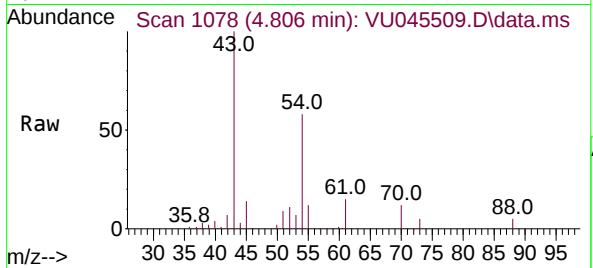




#37
Ethyl Acetate
Concen: 50.131 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

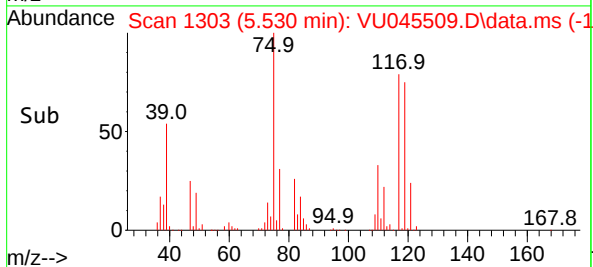
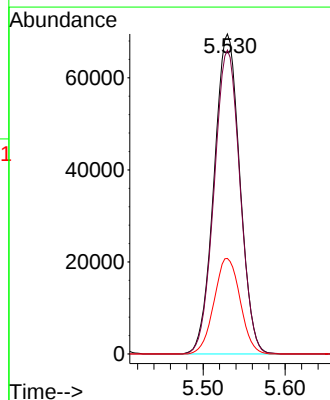
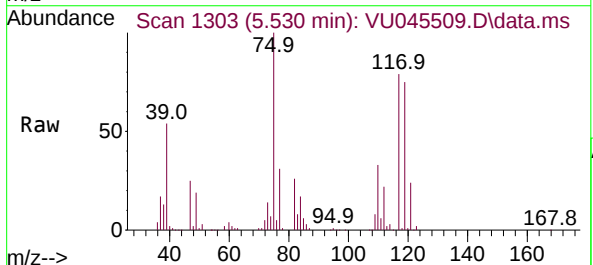
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

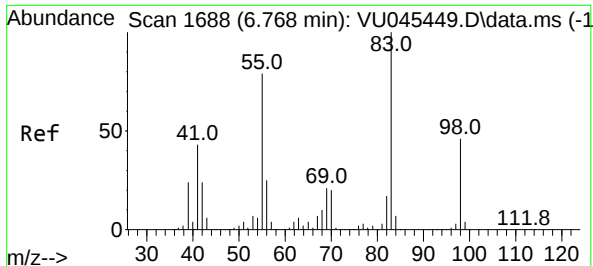
Tgt Ion: 43 Resp: 207291
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 51.052 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 117 Resp: 152020
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 51.309 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

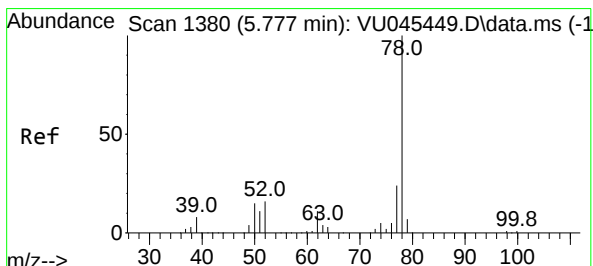
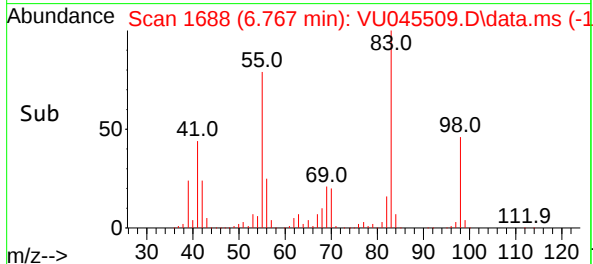
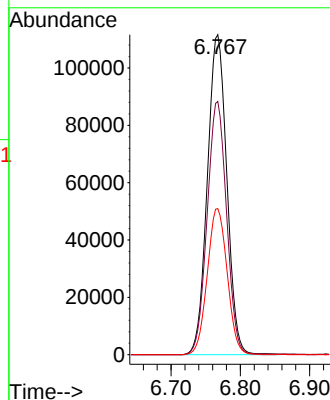
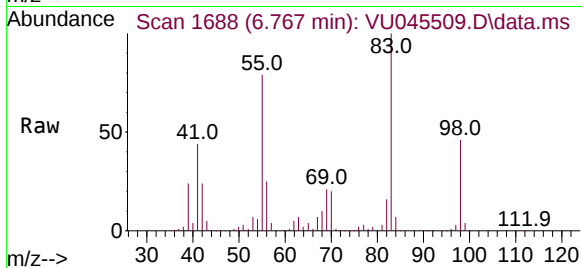
Tgt Ion: 83 Resp: 217850

Ion Ratio Lower Upper

83 100

55 79.2 63.6 95.4

98 45.7 37.1 55.7



#40

Benzene

Concen: 51.639 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045509.D

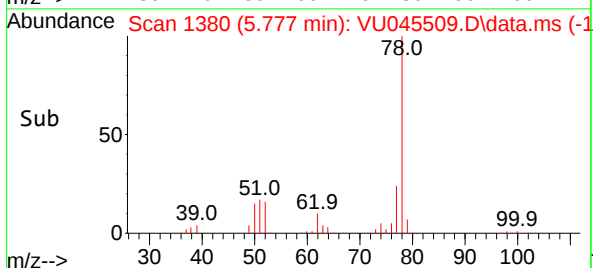
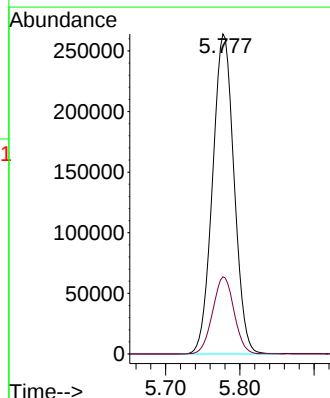
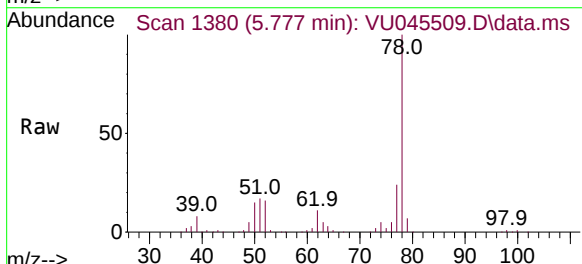
Acq: 01 Nov 2021 23:54

Tgt Ion: 78 Resp: 530731

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



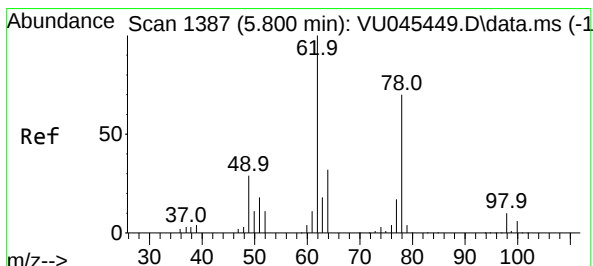
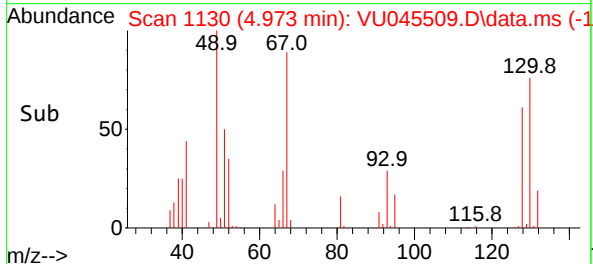
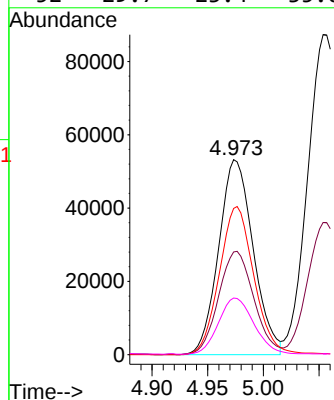
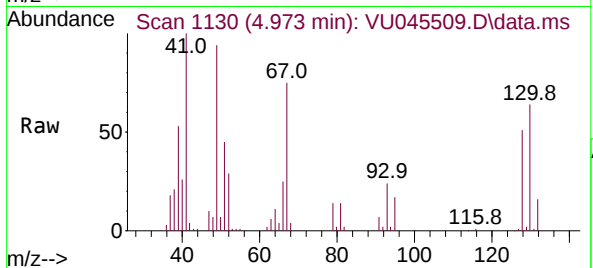


#41
Methacrylonitrile
Concen: 52.583 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 115068

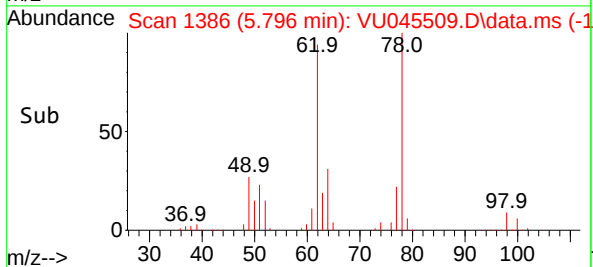
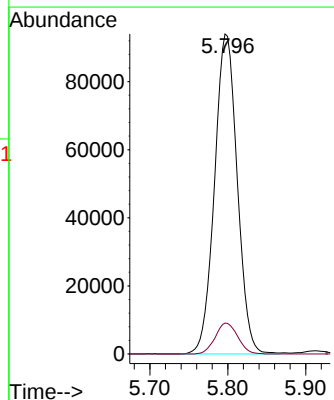
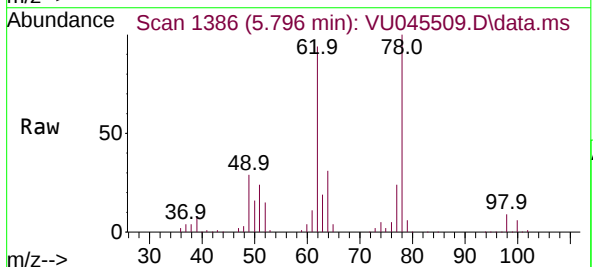
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.4	65.0
67	76.6	61.0	91.4
52	29.7	23.4	35.0

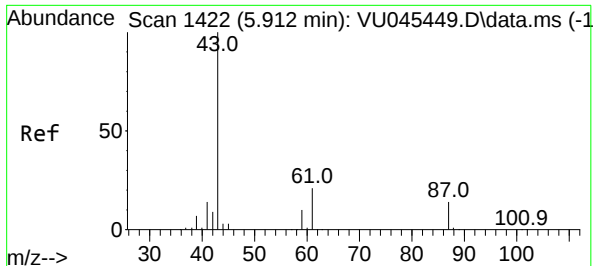


#42
1,2-Dichloroethane
Concen: 50.420 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 62 Resp: 190322

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

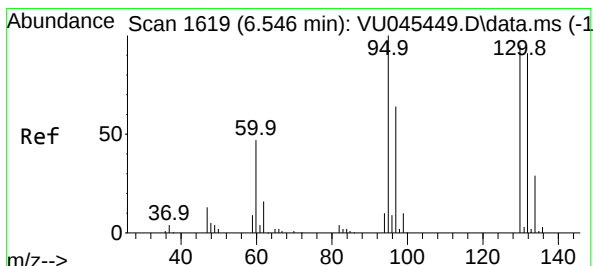
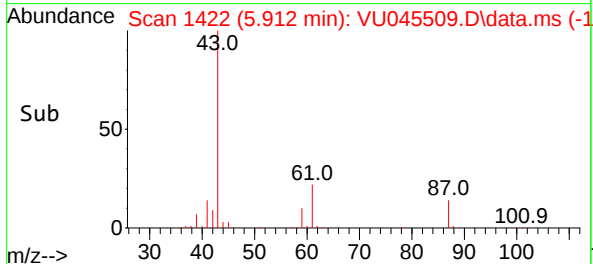
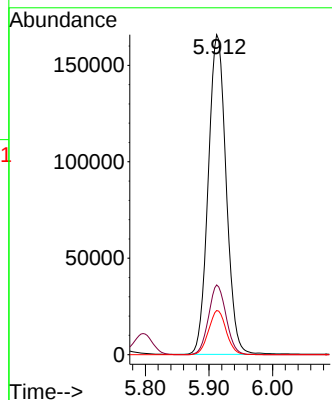
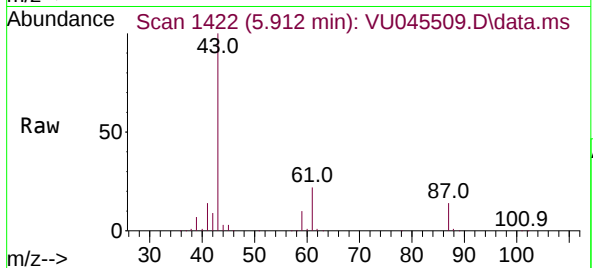




#43
Isopropyl Acetate
Concen: 51.951 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

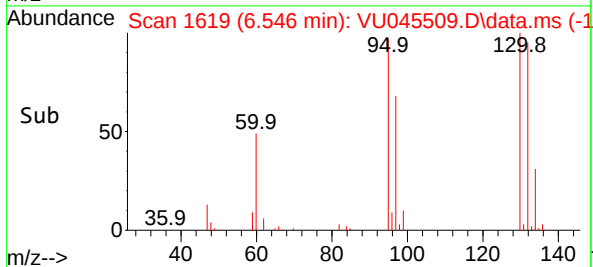
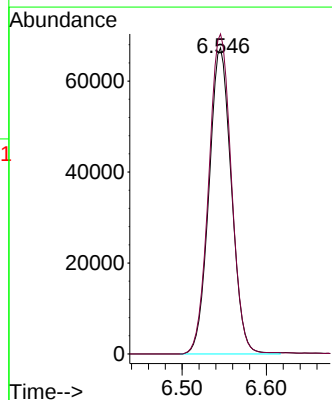
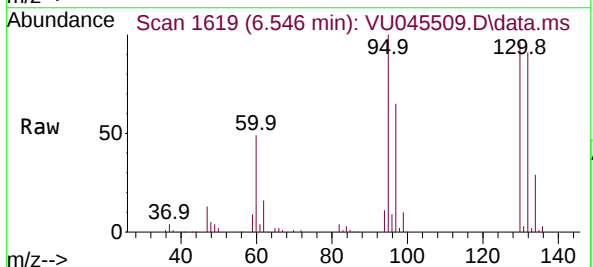
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

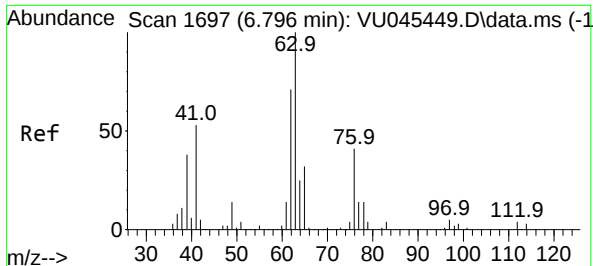
Tgt Ion: 43 Resp: 323734
Ion Ratio Lower Upper
43 100
61 21.4 16.9 25.3
87 13.6 11.0 16.4



#44
Trichloroethene
Concen: 52.088 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:130 Resp: 124079
Ion Ratio Lower Upper
130 100
95 104.6 0.0 211.4





#45

1,2-Dichloropropane

Concen: 51.631 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

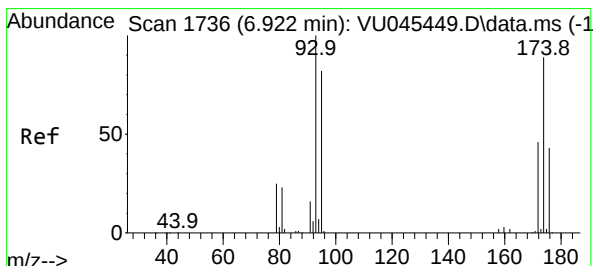
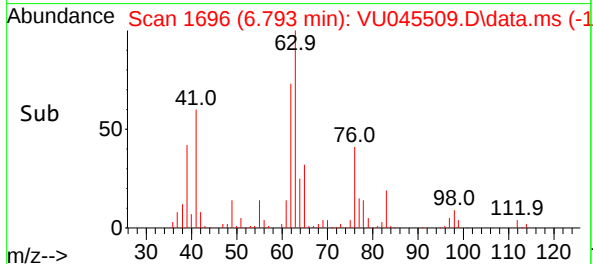
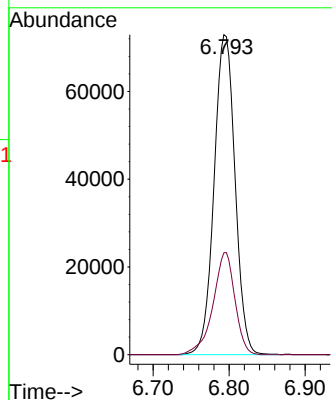
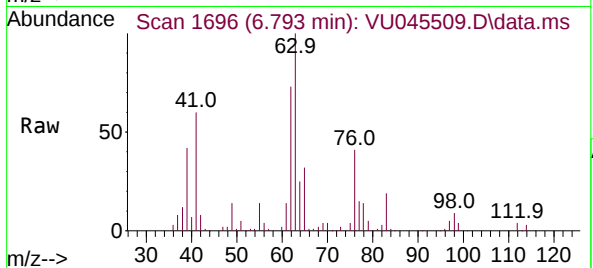
VSTDCCC050EC

Tgt Ion: 63 Resp: 139651

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5



#46

Dibromomethane

Concen: 52.639 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

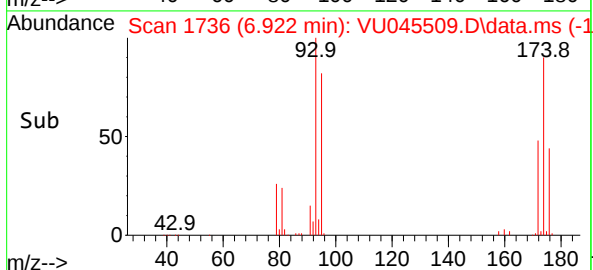
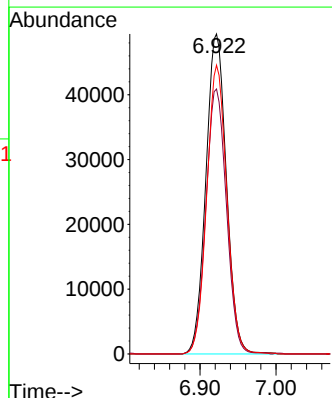
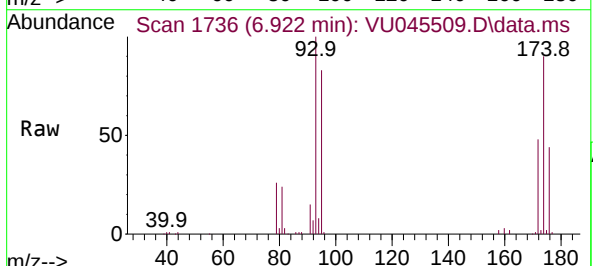
Tgt Ion: 93 Resp: 92706

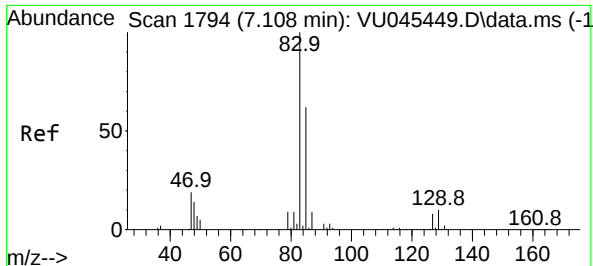
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 88.5 71.0 106.6





#47

Bromodichloromethane

Concen: 52.336 ug/l

RT: 7.108 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

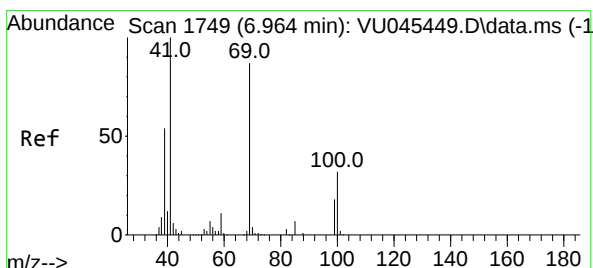
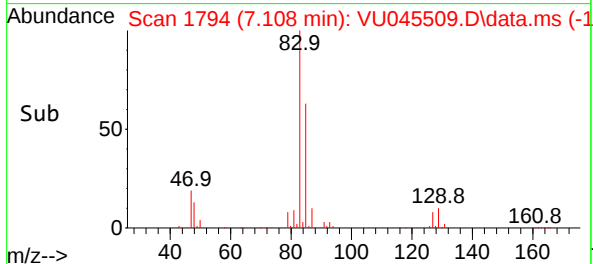
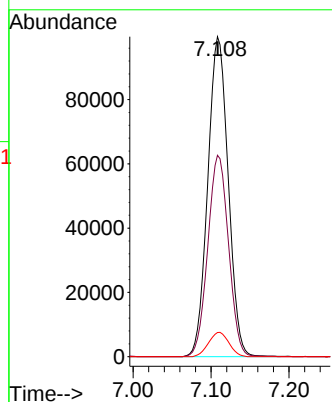
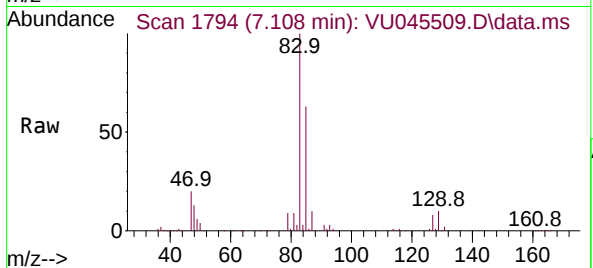
Tgt Ion: 83 Resp: 181400

Ion Ratio Lower Upper

83 100

85 63.0 49.8 74.6

127 7.6 6.2 9.2



#48

Methyl methacrylate

Concen: 51.948 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

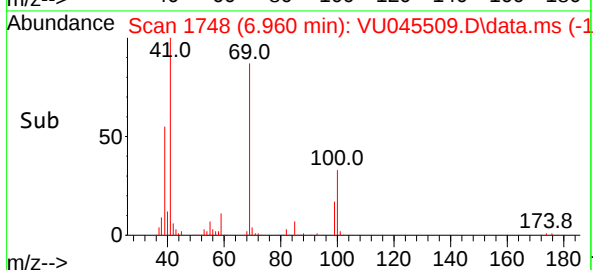
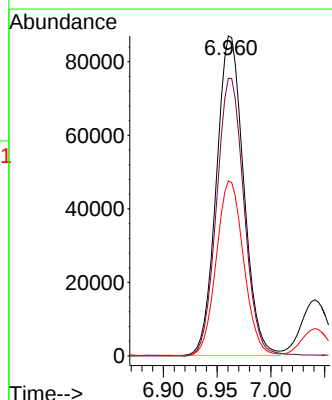
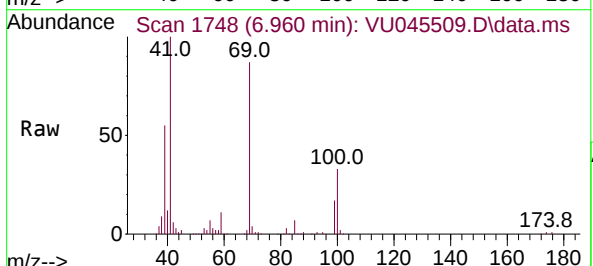
Tgt Ion: 41 Resp: 153435

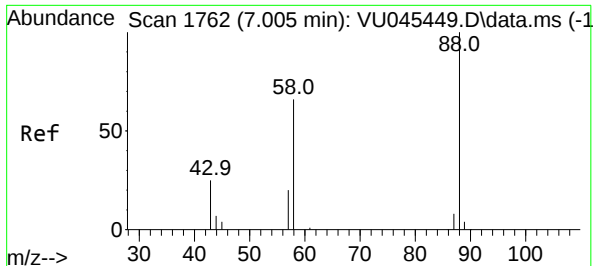
Ion Ratio Lower Upper

41 100

69 87.5 70.2 105.2

39 55.2 43.9 65.9





#49

1,4-Dioxane

Concen: 888.767 ug/l

RT: 7.002 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

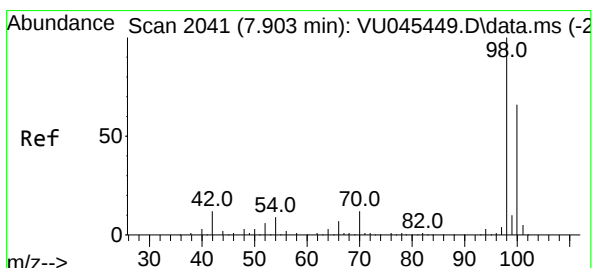
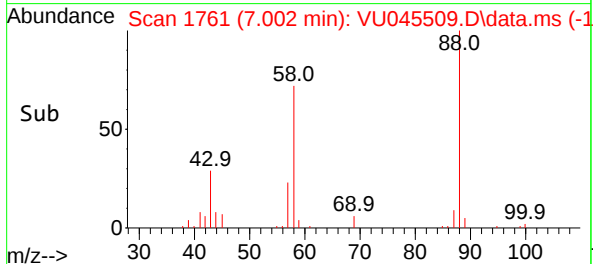
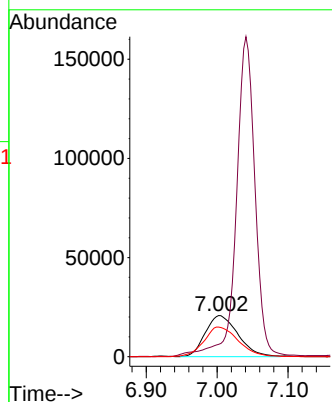
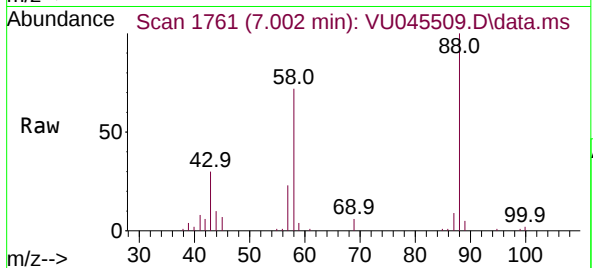
Tgt Ion: 88 Resp: 66715

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.7 58.7 88.1



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045509.D

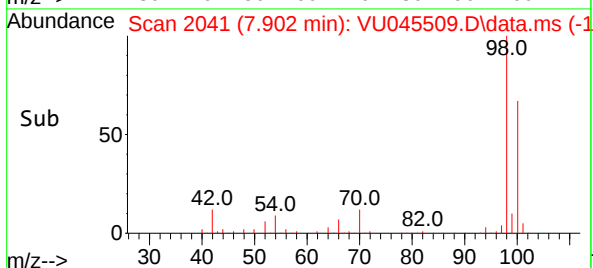
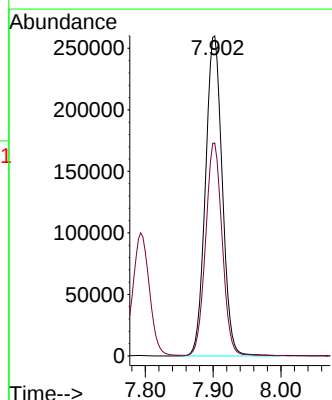
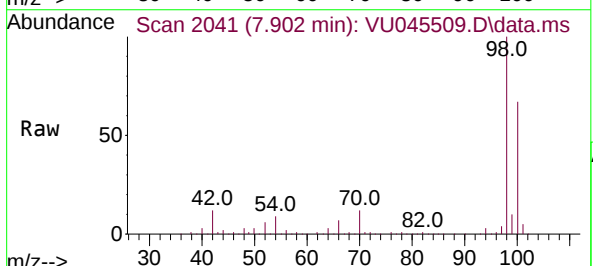
Acq: 01 Nov 2021 23:54

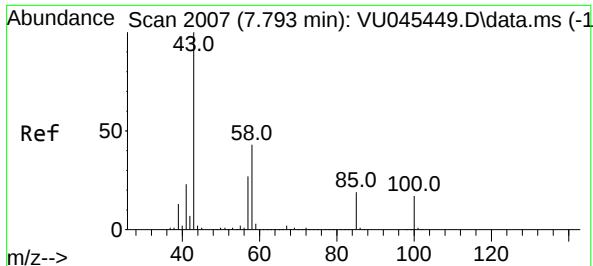
Tgt Ion: 98 Resp: 447468

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 259.025 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

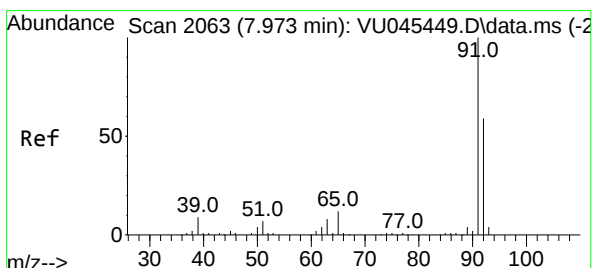
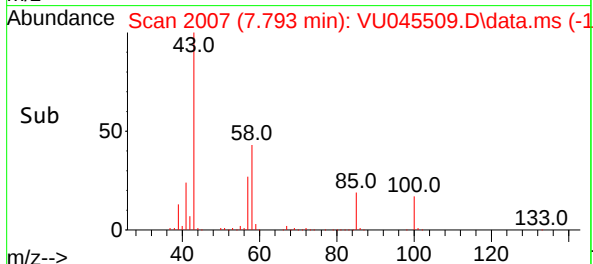
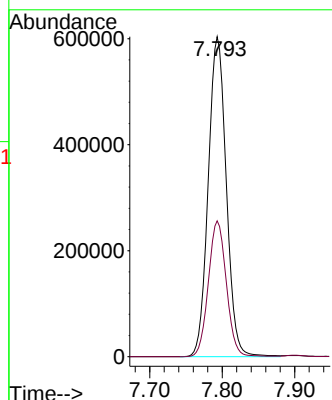
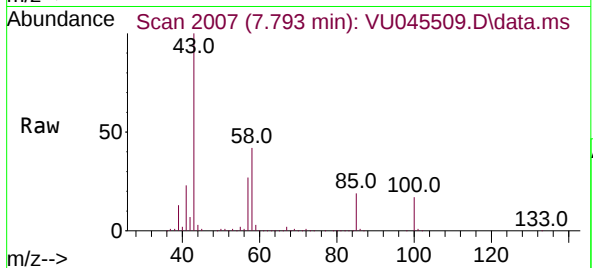
VSTDCCC050EC

Tgt Ion: 43 Resp: 1043263

Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.8



#52

Toluene

Concen: 52.017 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045509.D

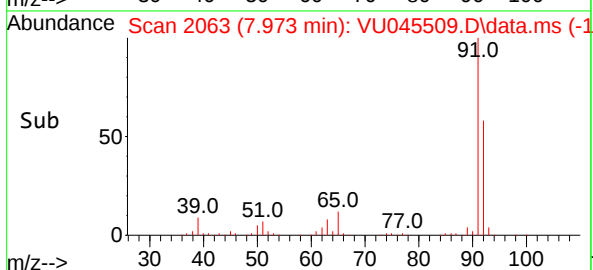
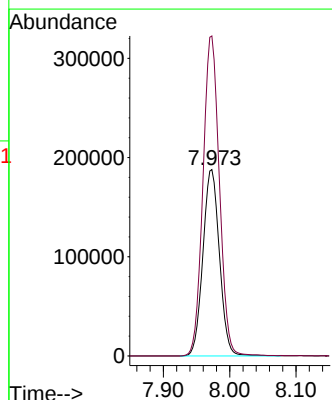
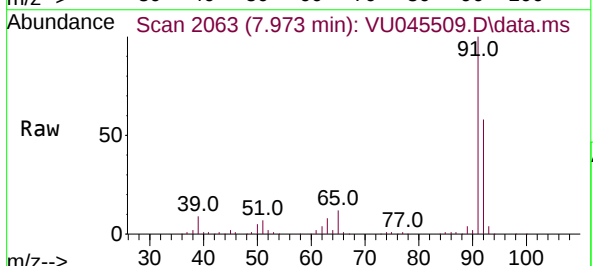
Acq: 01 Nov 2021 23:54

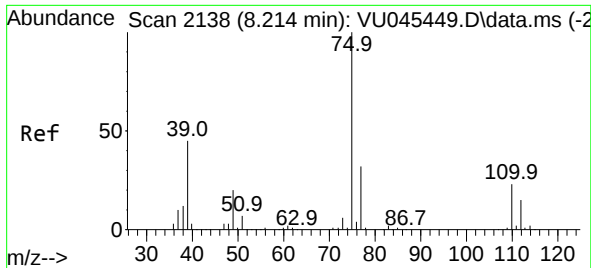
Tgt Ion: 92 Resp: 324988

Ion Ratio Lower Upper

92 100

91 170.9 135.6 203.4

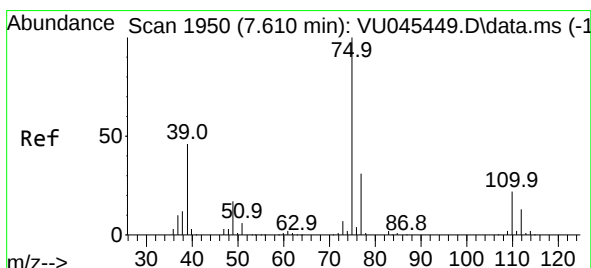
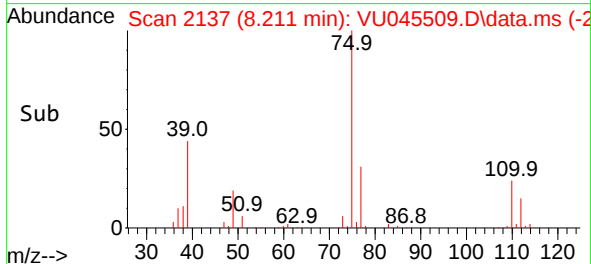
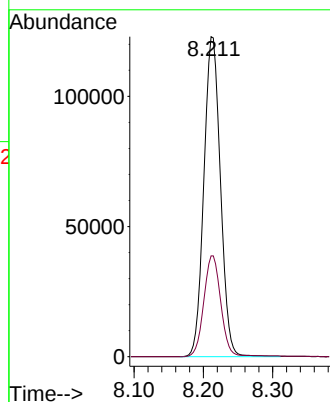
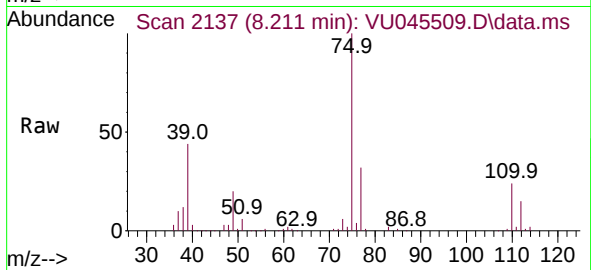




#53
 t-1,3-Dichloropropene
 Concen: 51.561 ug/l
 RT: 8.211 min Scan# 2138
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

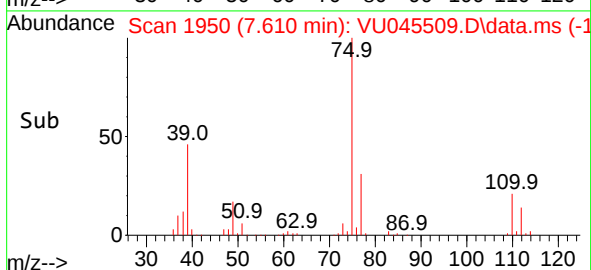
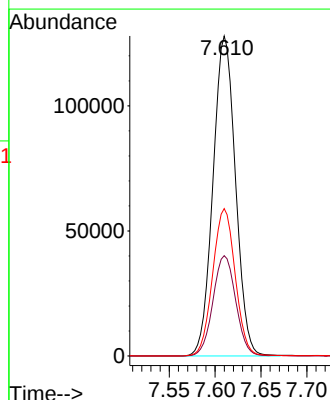
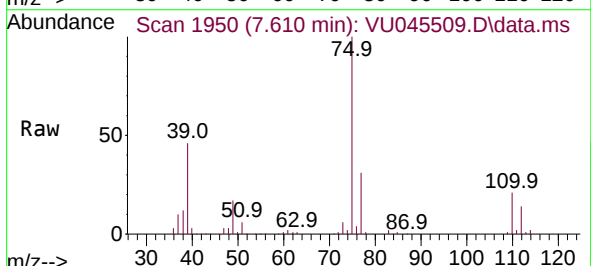
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

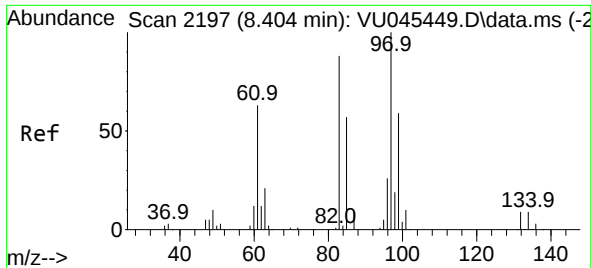
Tgt Ion: 75 Resp: 203690
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.579 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion: 75 Resp: 218218
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0
 39 46.1 37.1 55.7



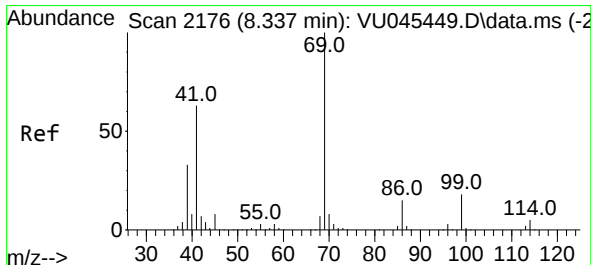
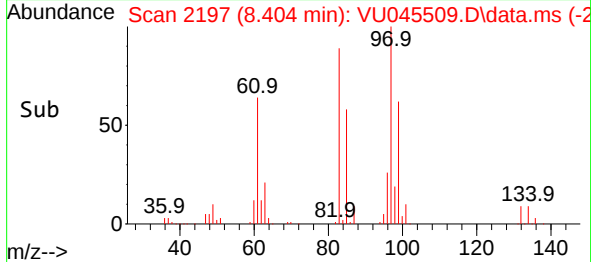
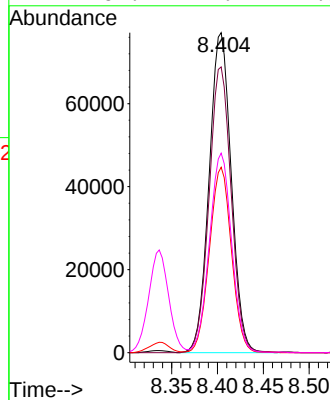
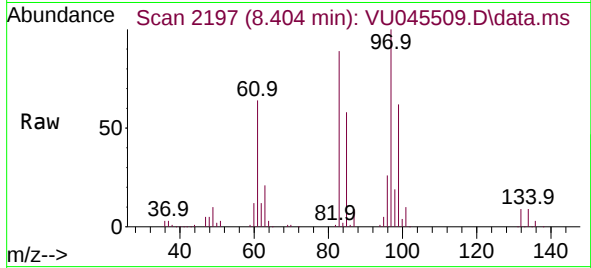


#55
1,1,2-Trichloroethane
Concen: 50.854 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 129780

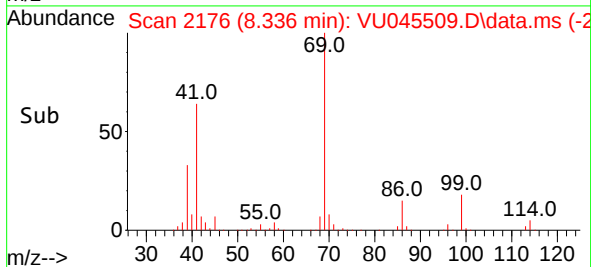
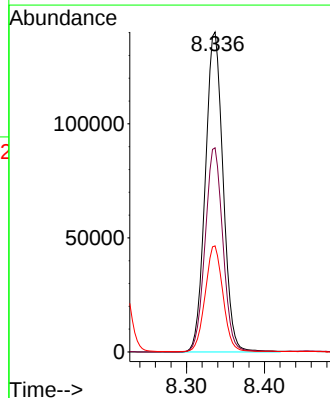
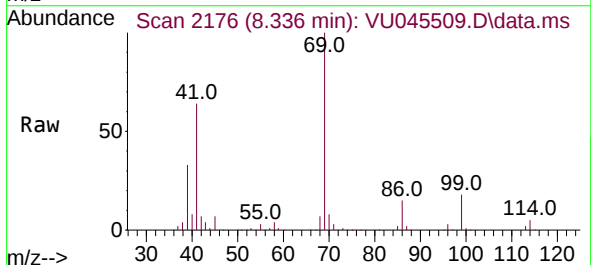
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.3	105.5
85	57.9	45.5	68.3
99	62.2	49.7	74.5

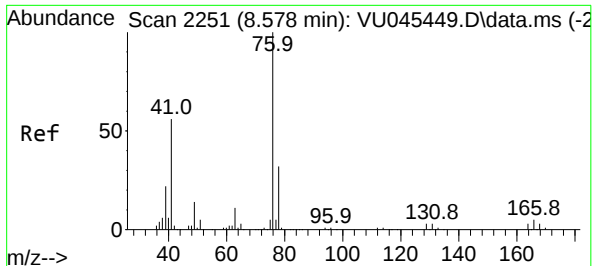


#56
Ethyl methacrylate
Concen: 47.691 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.001 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 69 Resp: 222335

Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.0	76.4
39	33.0	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.829 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

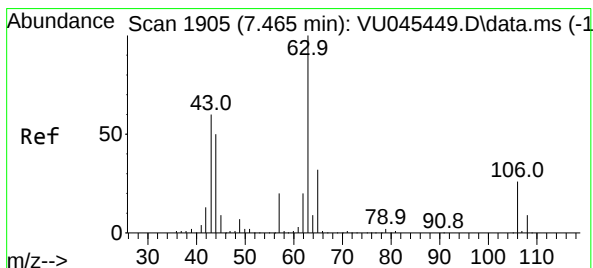
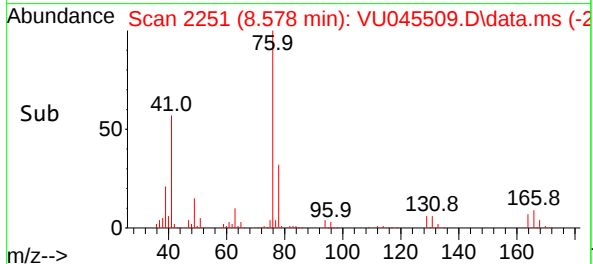
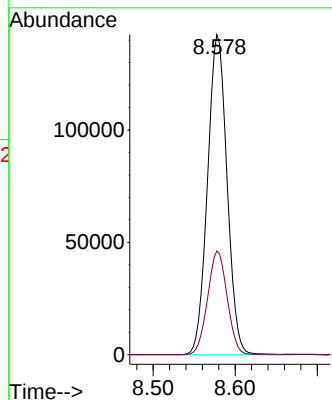
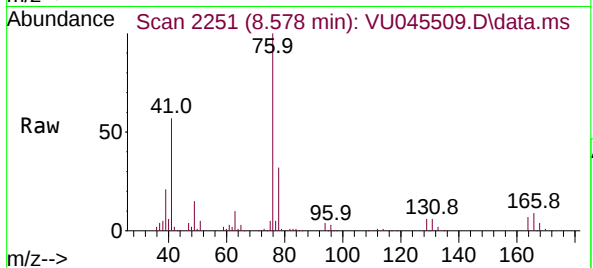
VSTDCCC050EC

Tgt Ion: 76 Resp: 234785

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 248.708 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045509.D

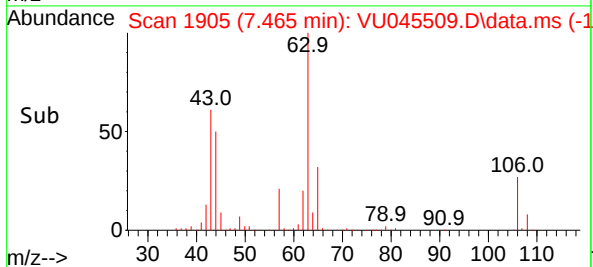
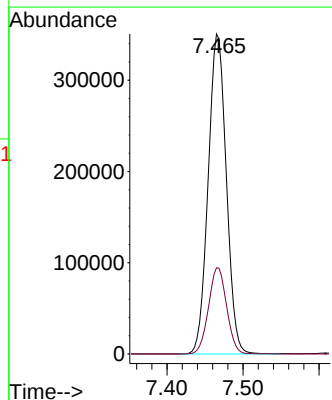
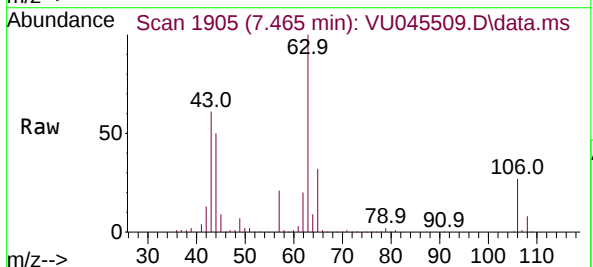
Acq: 01 Nov 2021 23:54

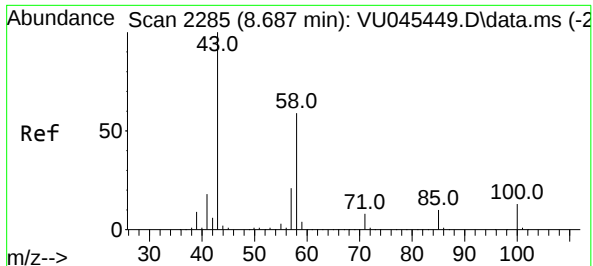
Tgt Ion: 63 Resp: 581777

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.4





#59

2-Hexanone

Concen: 256.513 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

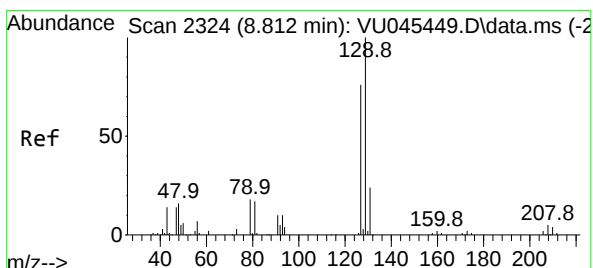
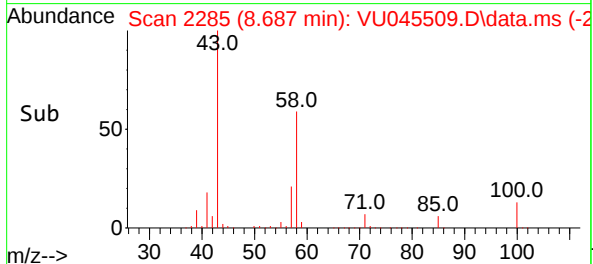
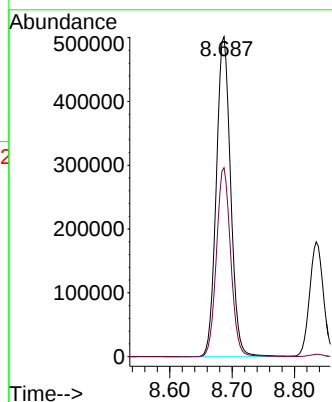
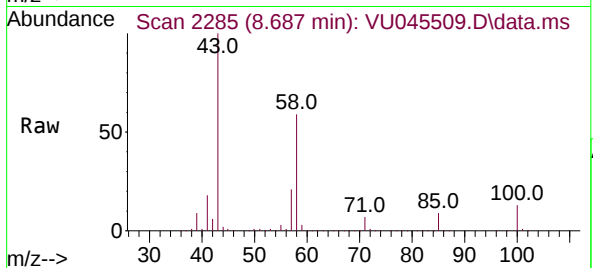
VSTDCCC050EC

Tgt Ion: 43 Resp: 800471

Ion Ratio Lower Upper

43 100

58 58.7 29.5 88.6



#60

Dibromochloromethane

Concen: 51.175 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045509.D

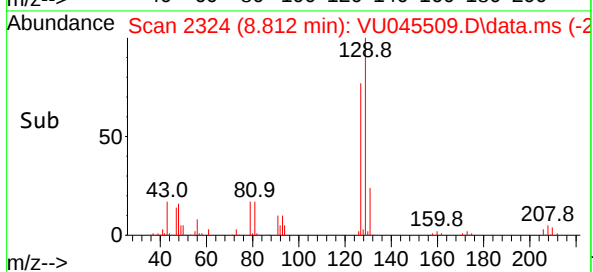
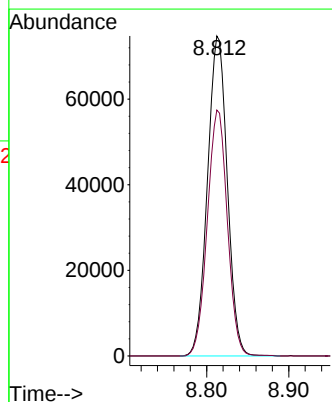
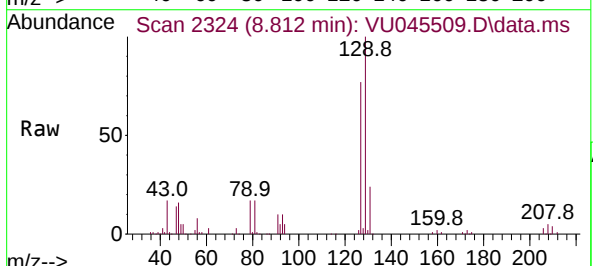
Acq: 01 Nov 2021 23:54

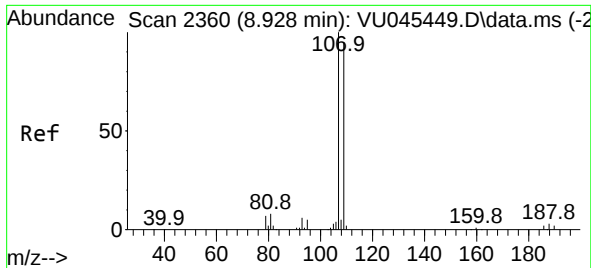
Tgt Ion:129 Resp: 125338

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.3

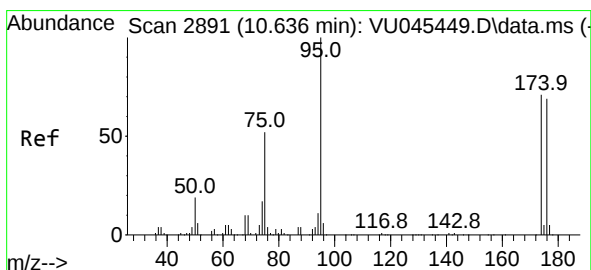
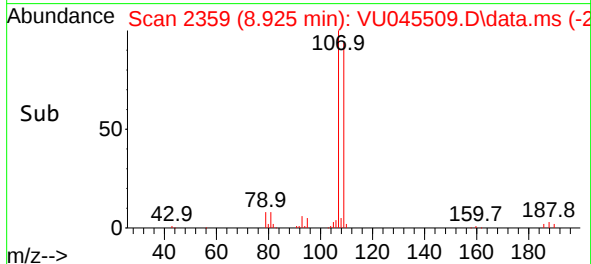
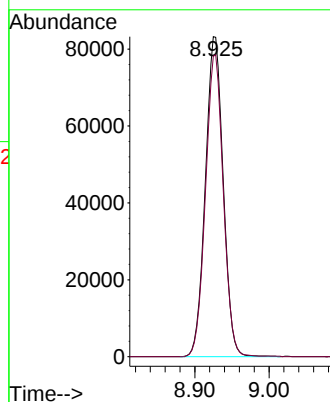
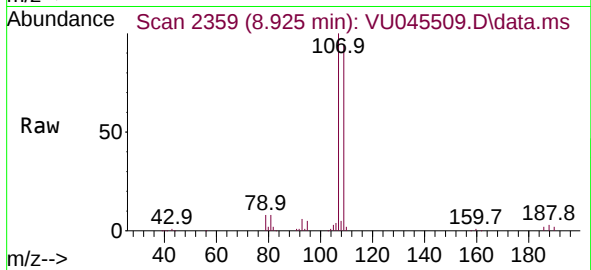




#61
1,2-Dibromoethane
Concen: 51.884 ug/l
RT: 8.925 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

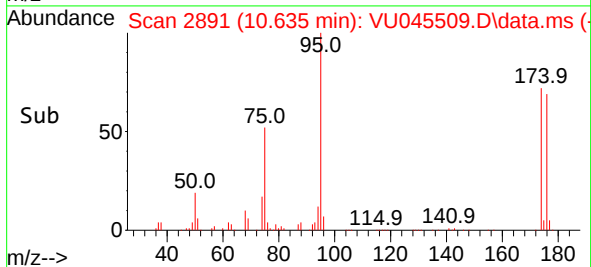
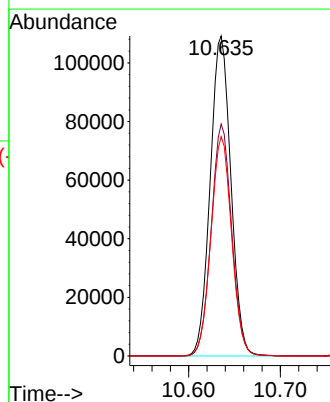
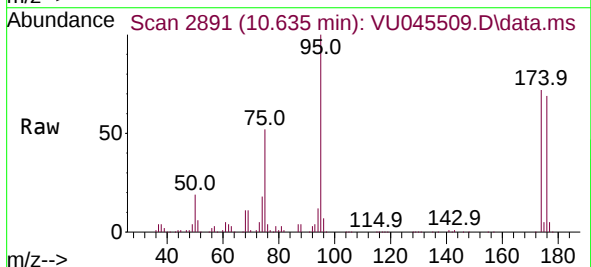
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

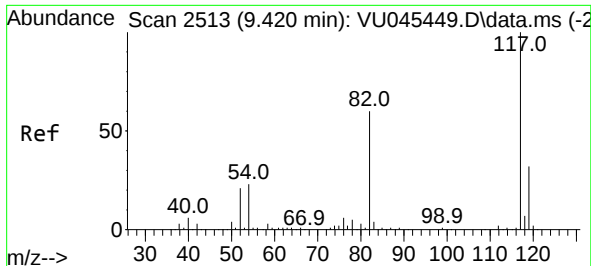
Tgt Ion:107 Resp: 138690
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.094 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 95 Resp: 170713
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 68.5 0.0 138.2

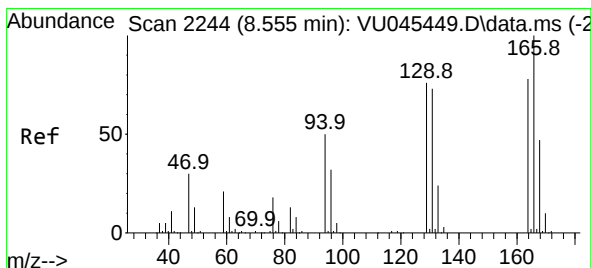
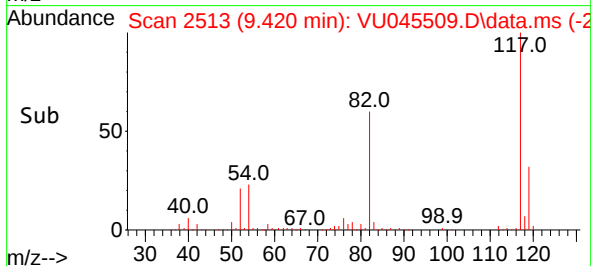
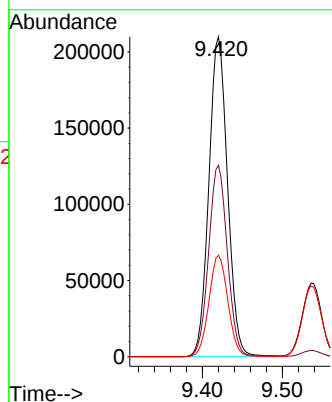
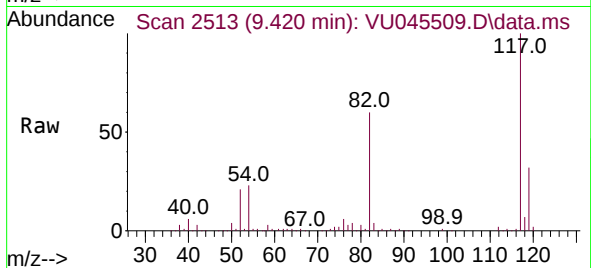




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

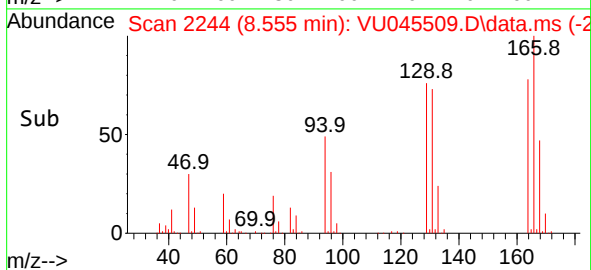
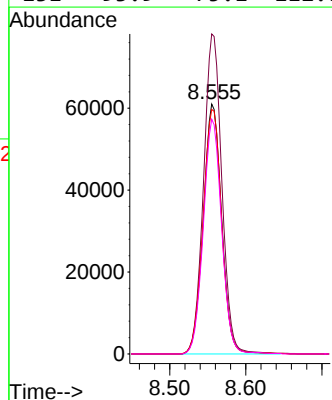
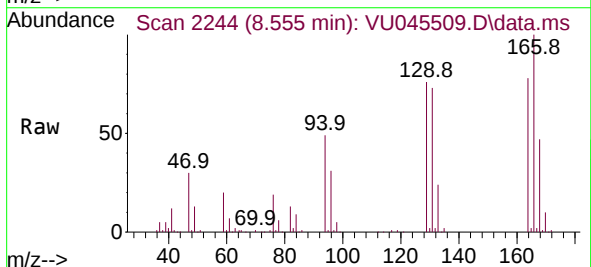
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

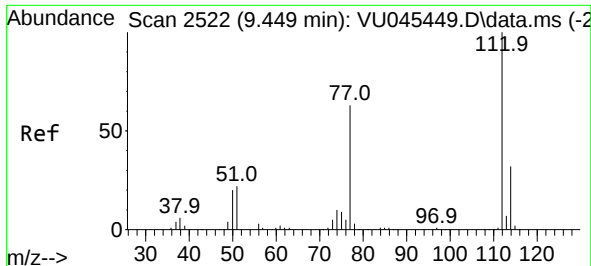
Tgt Ion:117 Resp: 340826
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 52.603 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:164 Resp: 102483
Ion Ratio Lower Upper
164 100
166 128.1 102.2 153.4
129 97.9 78.2 117.4
131 93.9 75.1 112.7

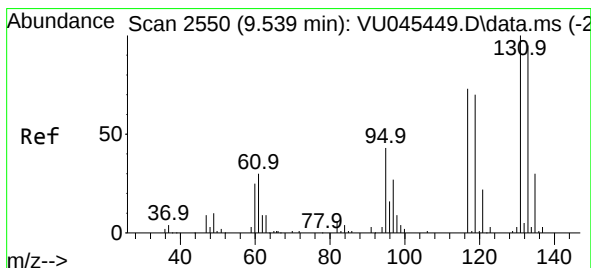
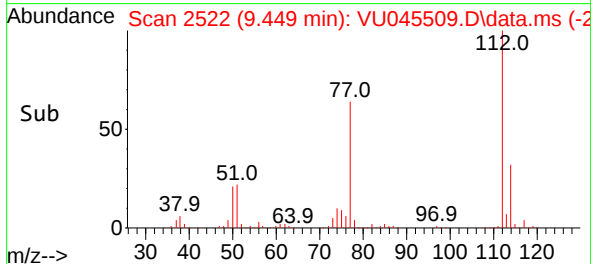
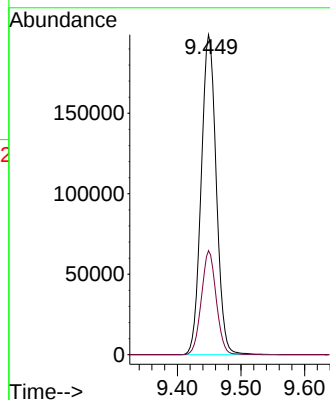
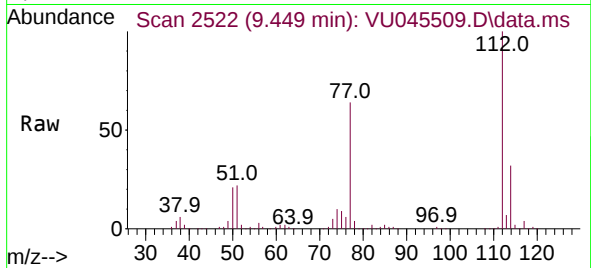




#65
Chlorobenzene
Concen: 50.585 ug/l
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

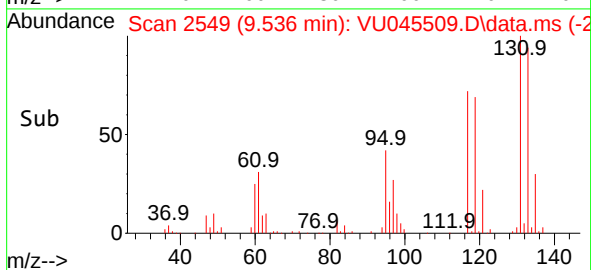
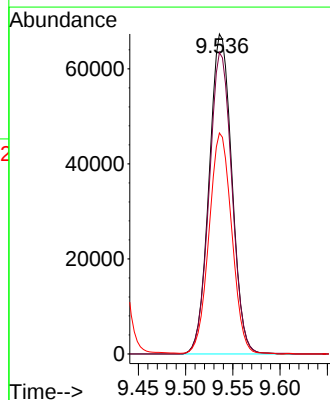
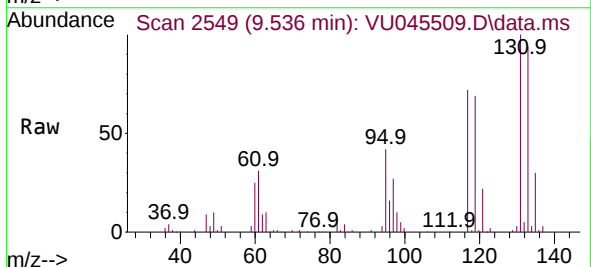
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

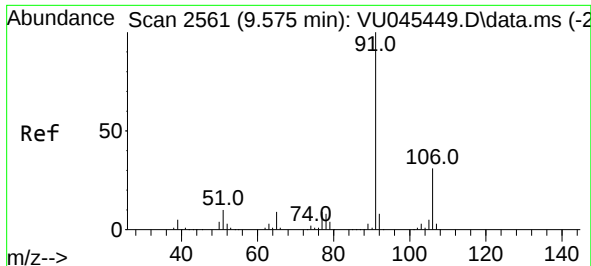
Tgt Ion:112 Resp: 326882
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.545 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.003 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:131 Resp: 112379
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 69.3 34.5 103.6





#67

Ethyl Benzene

Concen: 52.036 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

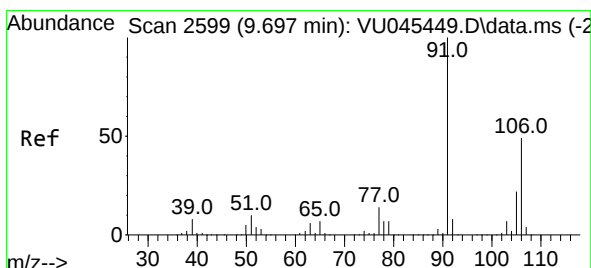
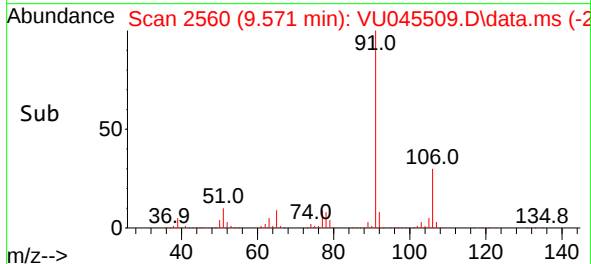
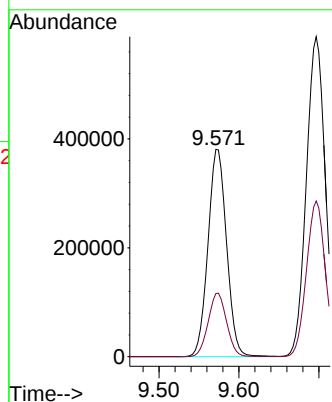
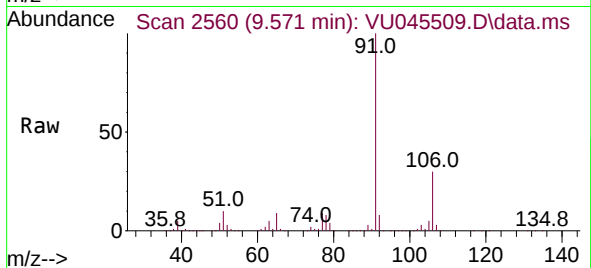
VSTDCCC050EC

Tgt Ion: 91 Resp: 615965

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 105.434 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045509.D

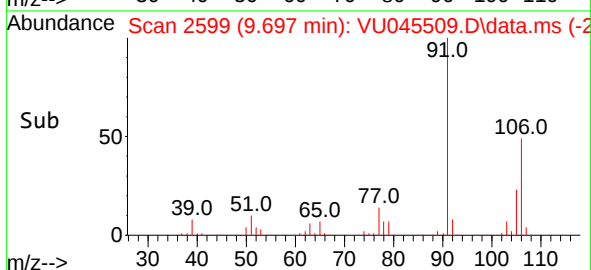
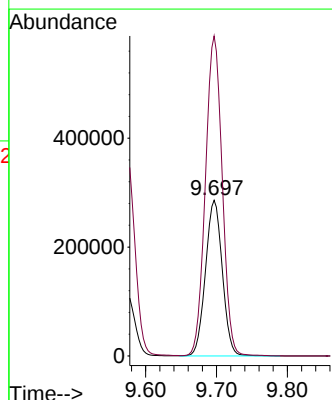
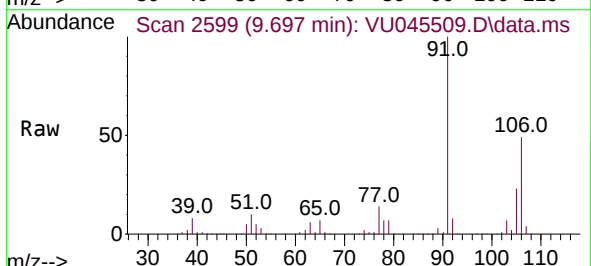
Acq: 01 Nov 2021 23:54

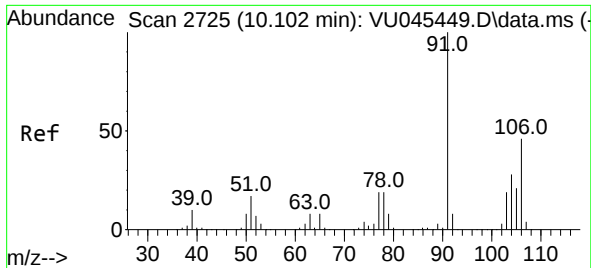
Tgt Ion:106 Resp: 471111

Ion Ratio Lower Upper

106 100

91 205.9 164.7 247.1

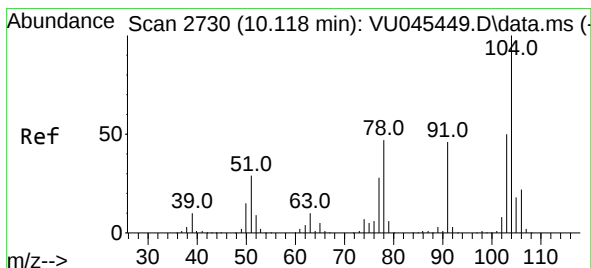
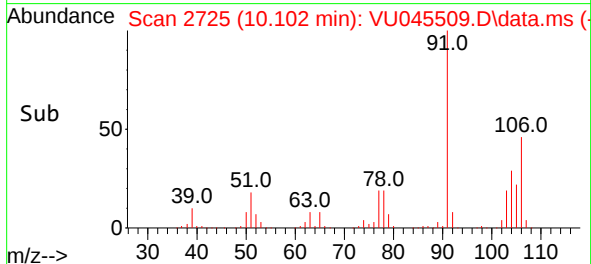
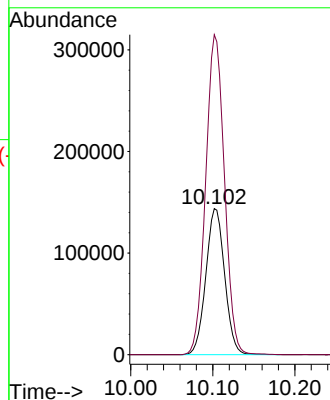
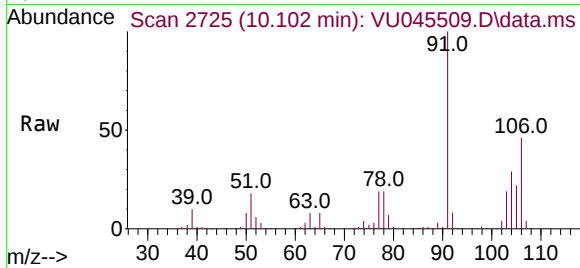




#69
o-Xylene
Concen: 52.424 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

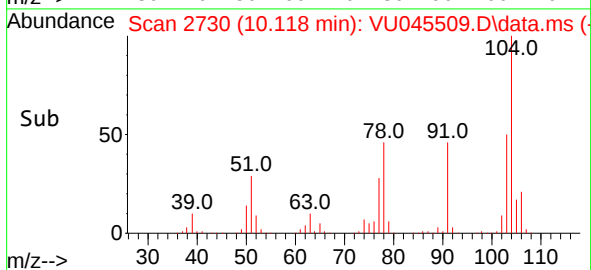
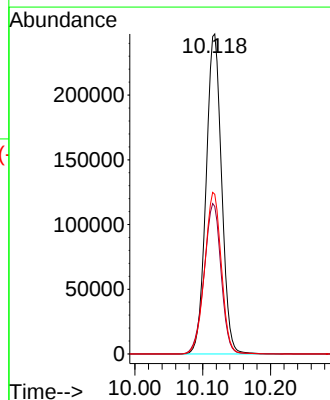
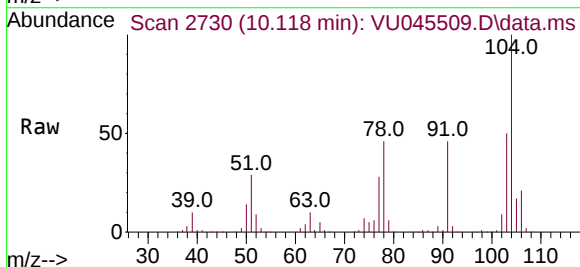
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

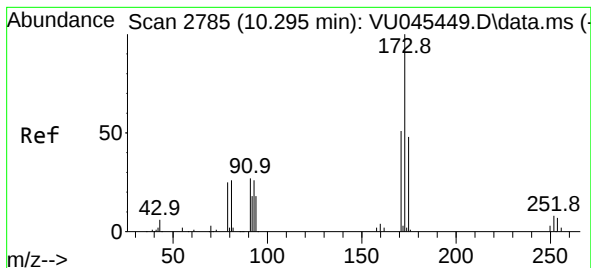
Tgt Ion:106 Resp: 228409
Ion Ratio Lower Upper
106 100
91 218.8 108.7 326.3



#70
Styrene
Concen: 48.838 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:104 Resp: 393256
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 46.208 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

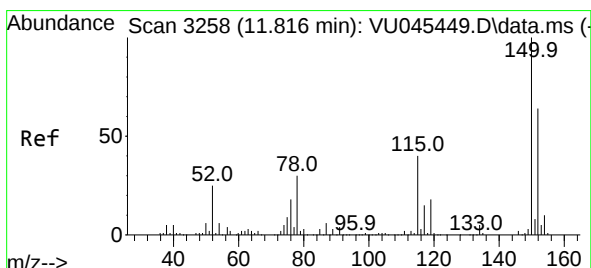
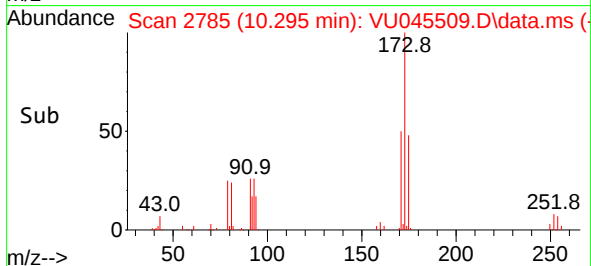
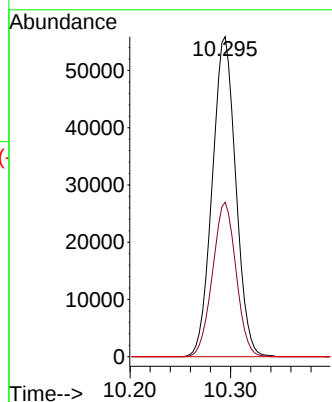
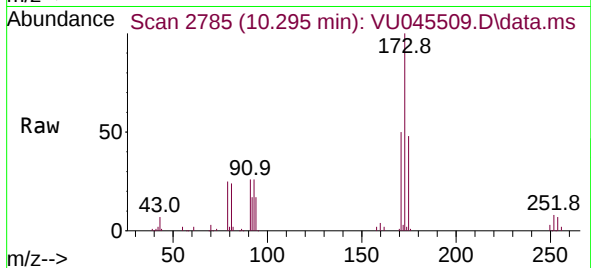
Tgt Ion:173 Resp: 90812

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

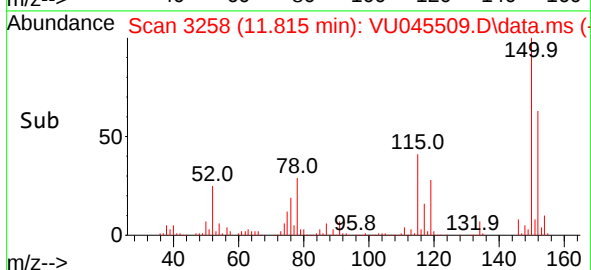
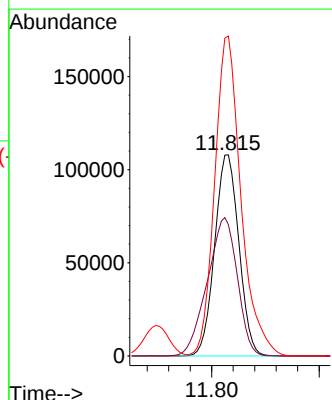
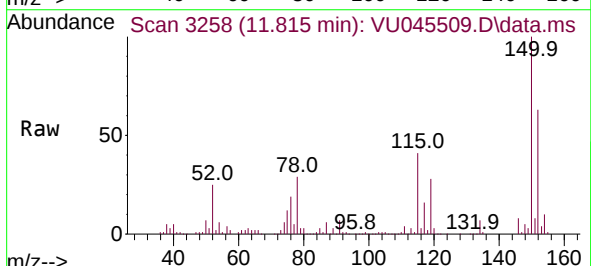
Tgt Ion:152 Resp: 168702

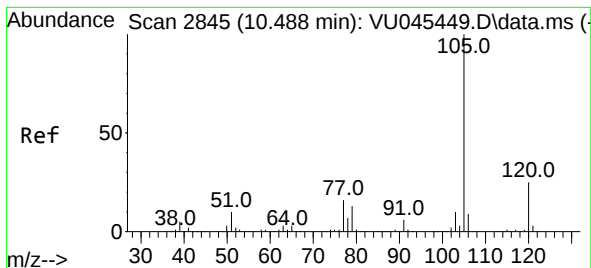
Ion Ratio Lower Upper

152 100

115 85.2 42.7 128.1

150 173.0 0.0 346.8





#73

Isopropylbenzene

Concen: 51.893 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

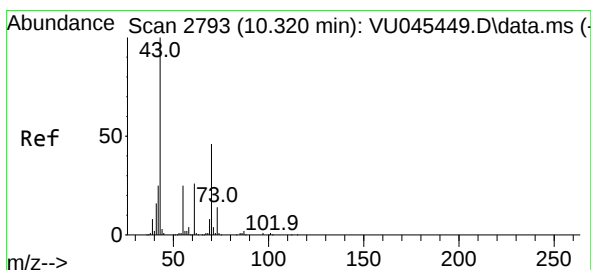
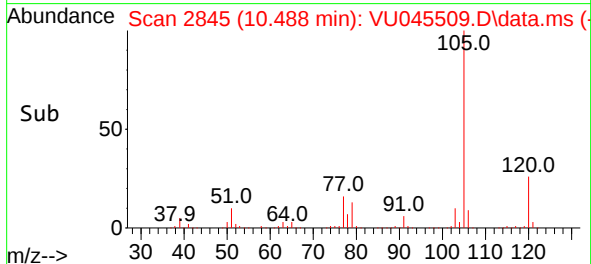
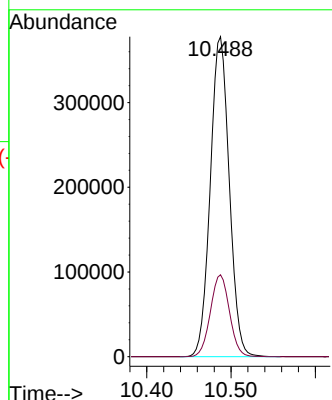
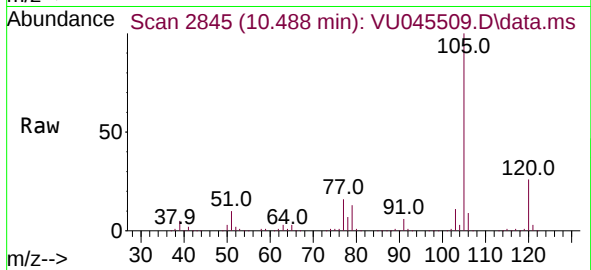
VSTDCCC050EC

Tgt Ion:105 Resp: 590308

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 46.715 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Tgt Ion: 43 Resp: 275169

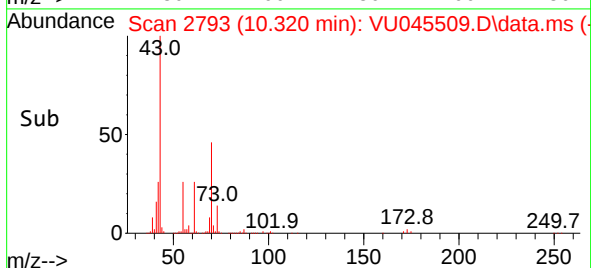
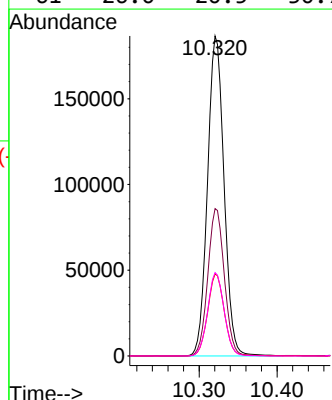
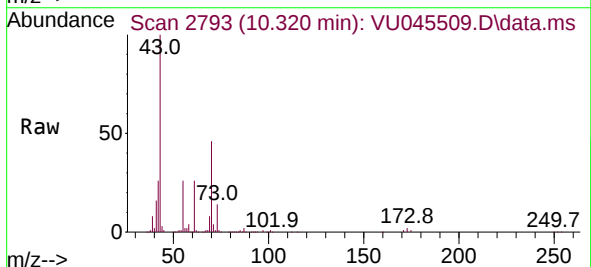
Ion Ratio Lower Upper

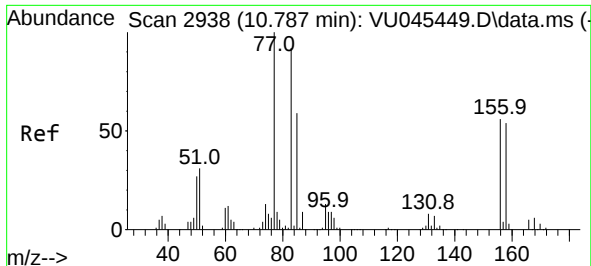
43 100

70 46.3 36.9 55.3

55 25.9 20.6 31.0

61 26.0 20.5 30.7

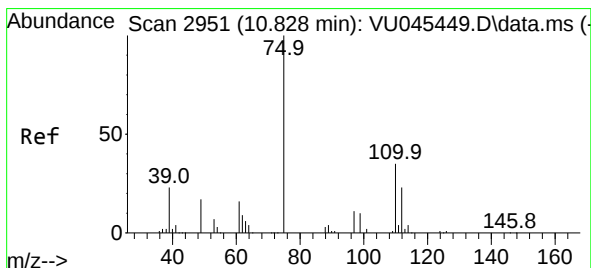
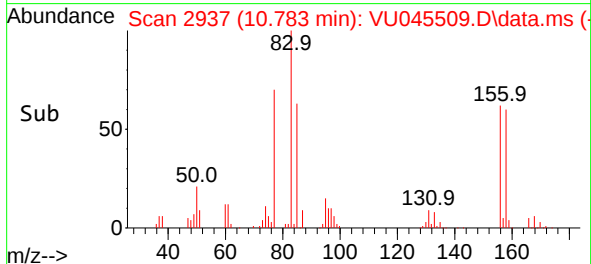
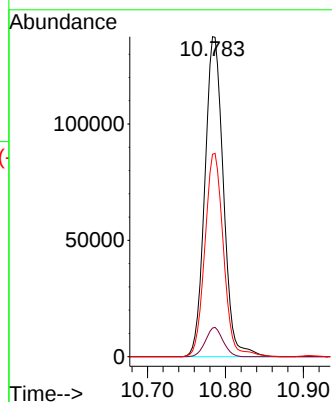
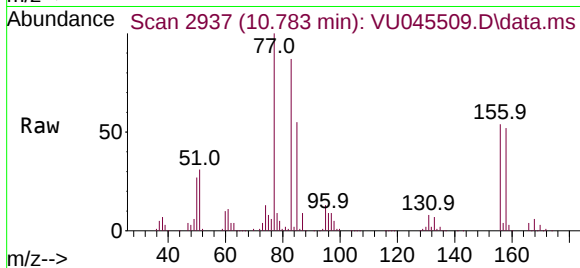




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.377 ug/l
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

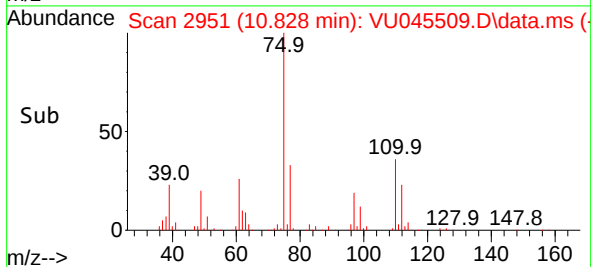
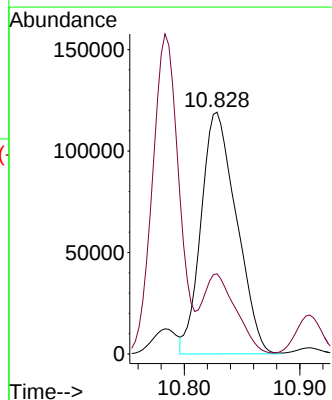
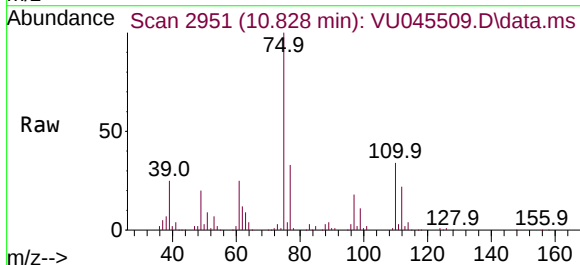
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

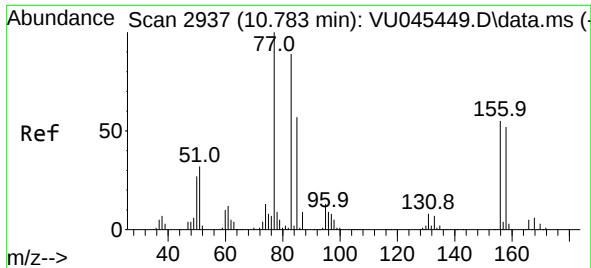
Tgt Ion: 83 Resp: 227441
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.4 13.2
 85 63.7 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 56.452 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion: 75 Resp: 253745
 Ion Ratio Lower Upper
 75 100
 77 29.4 17.1 51.3

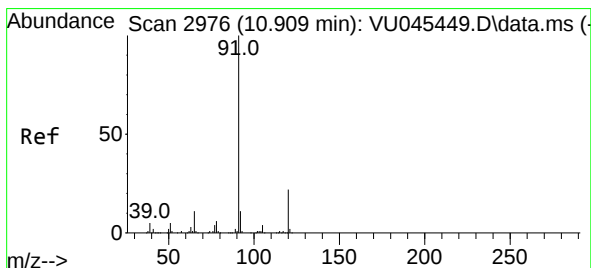
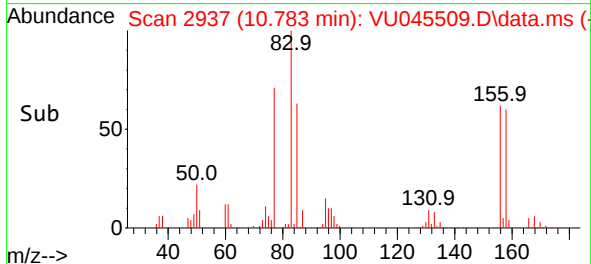
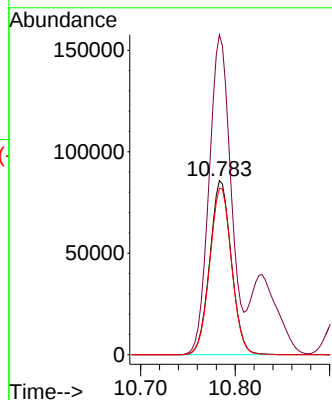
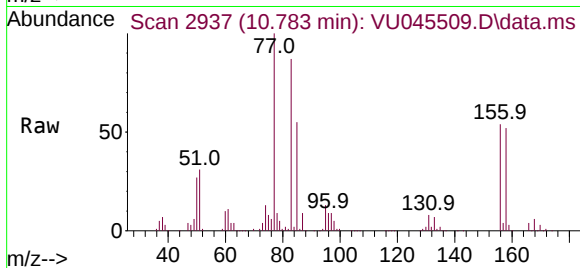




#77
Bromobenzene
Concen: 51.159 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

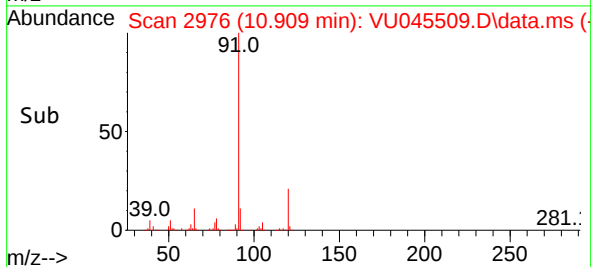
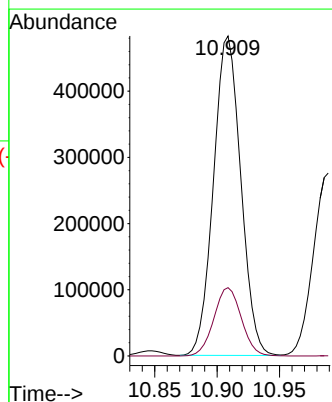
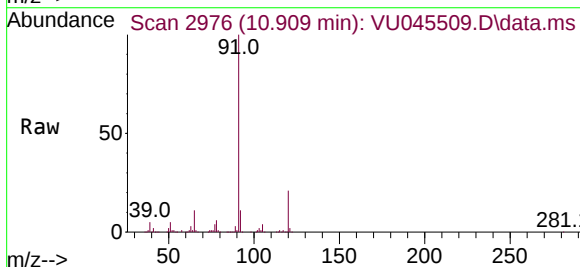
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

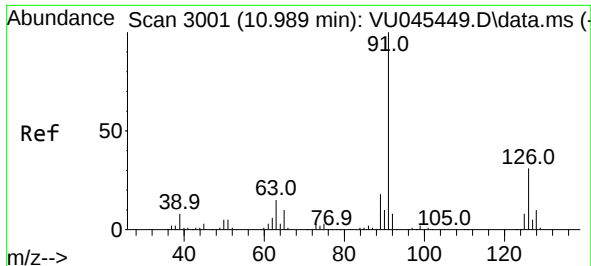
Tgt Ion:156 Resp: 135783
Ion Ratio Lower Upper
156 100
77 184.8 91.1 273.4
158 96.8 47.9 143.6



#78
n-propylbenzene
Concen: 53.328 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 91 Resp: 735467
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7

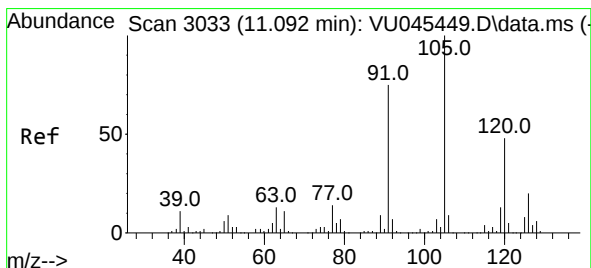
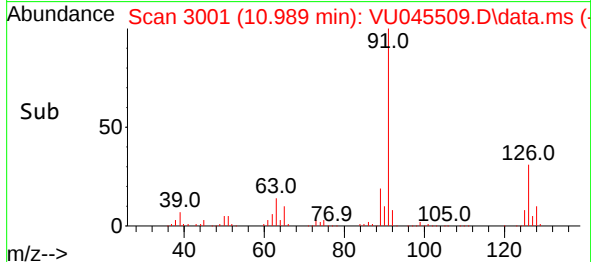
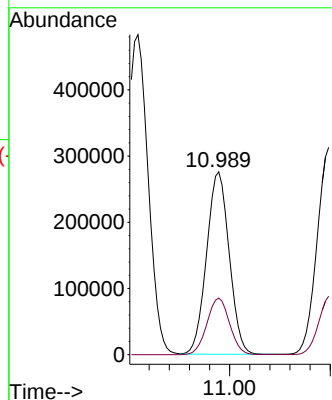
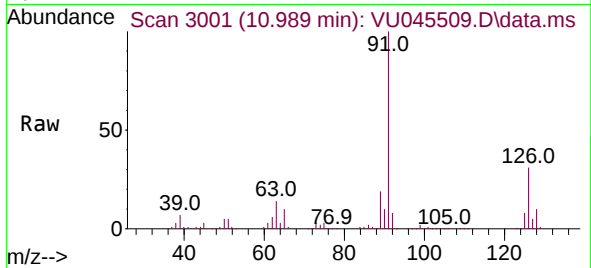




#79
2-Chlorotoluene
Concen: 51.821 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

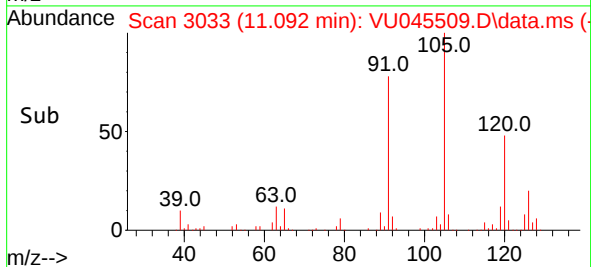
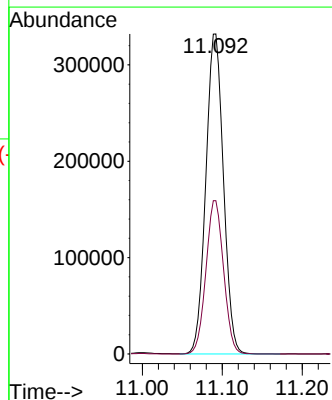
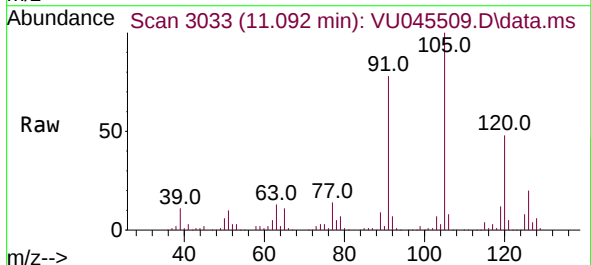
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

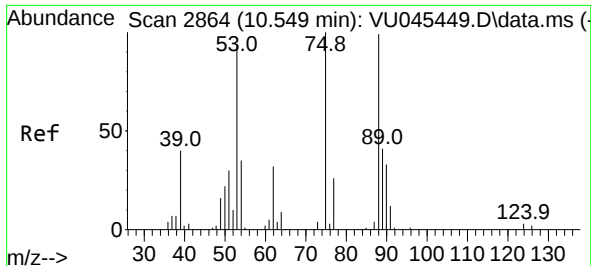
Tgt Ion: 91 Resp: 430170
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 53.122 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 105 Resp: 508477
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8

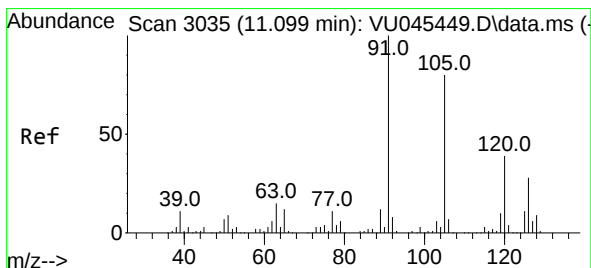
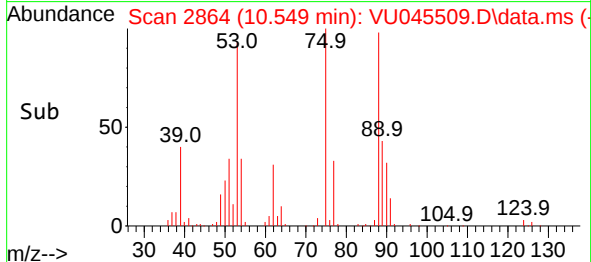
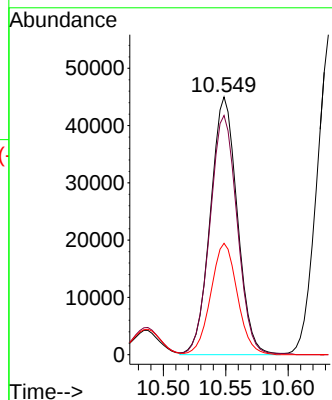
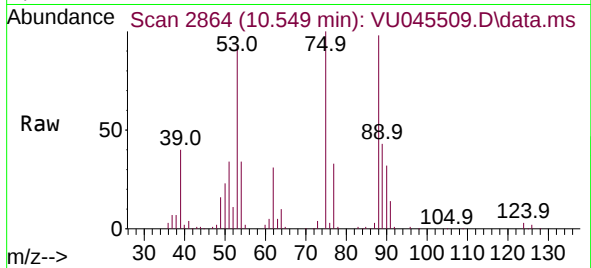




#81
trans-1,4-Dichloro-2-butene
Concen: 42.492 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

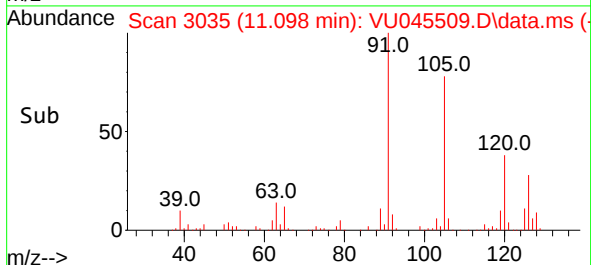
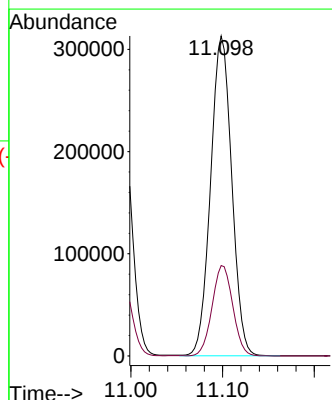
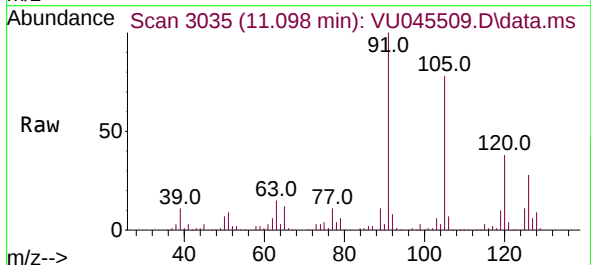
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

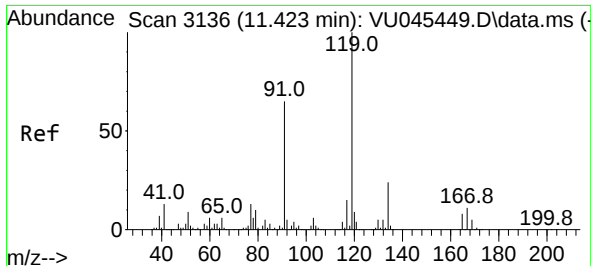
Tgt Ion: 75 Resp: 67673
Ion Ratio Lower Upper
75 100
53 94.1 76.2 114.4
89 42.8 34.0 51.0



#82
4-Chlorotoluene
Concen: 53.069 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 91 Resp: 500958
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

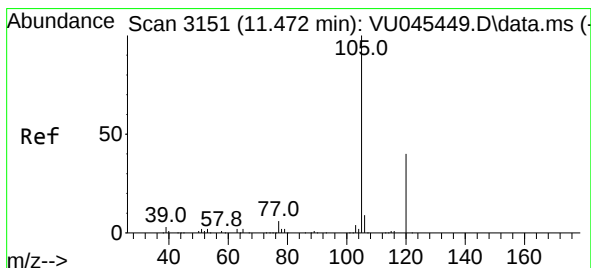
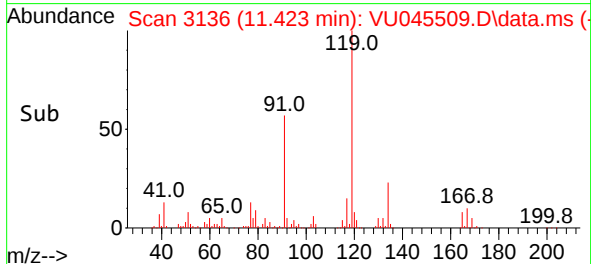
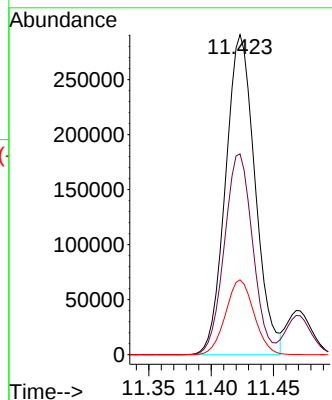
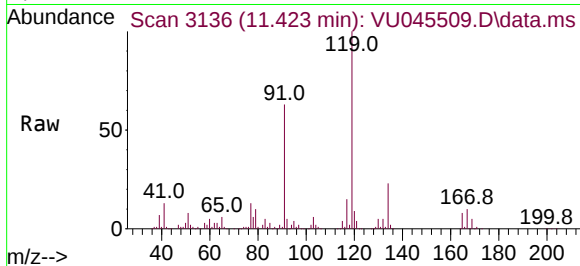




#83
tert-Butylbenzene
Concen: 51.842 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

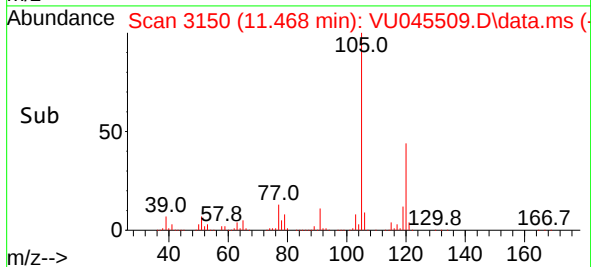
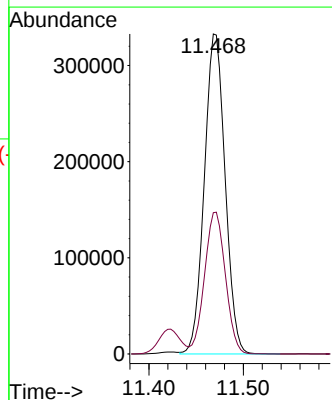
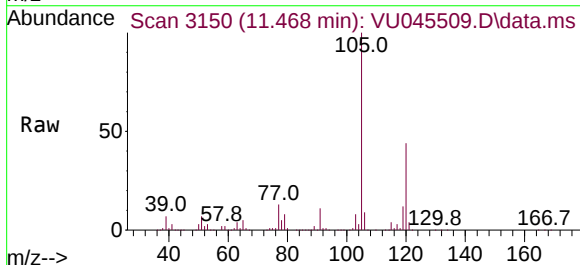
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

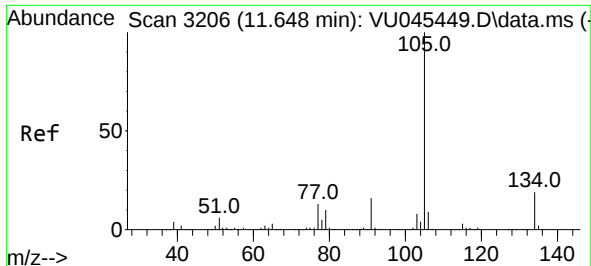
Tgt Ion:119 Resp: 478987
Ion Ratio Lower Upper
119 100
91 60.5 30.5 91.5
134 22.6 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 53.033 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:105 Resp: 508630
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6

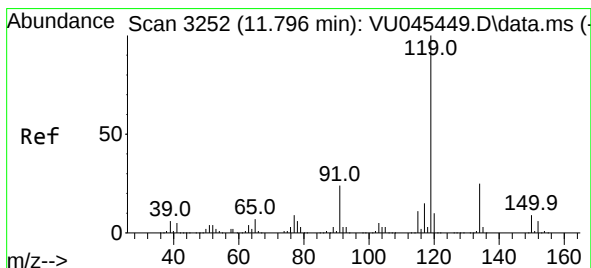
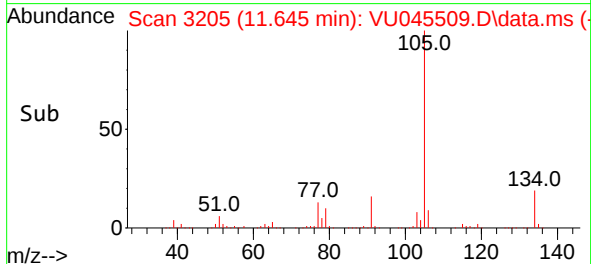
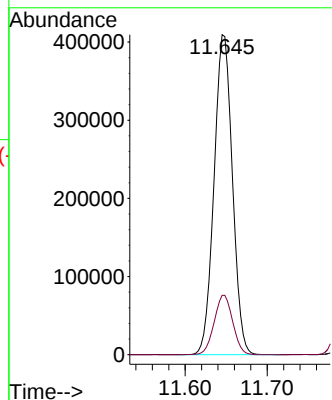
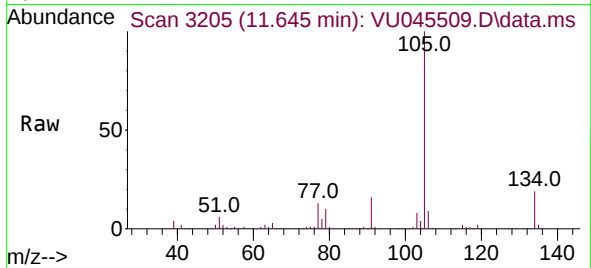




#85
 sec-Butylbenzene
 Concen: 52.449 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

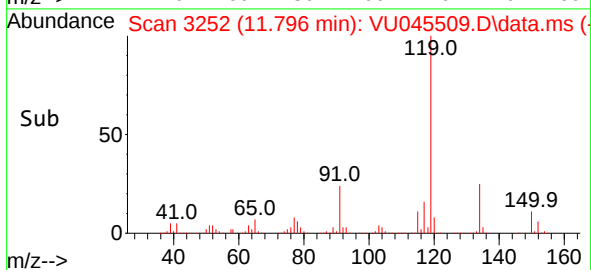
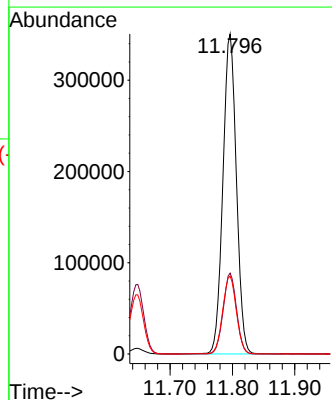
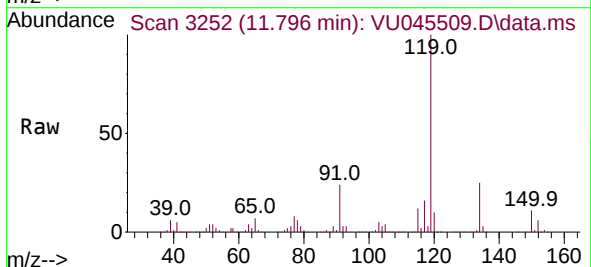
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

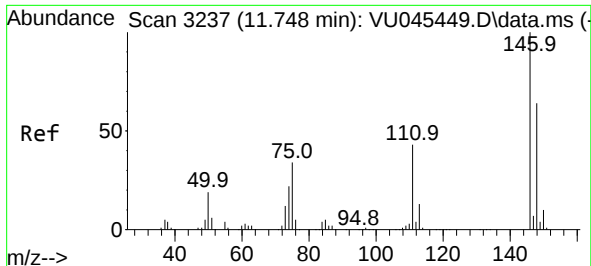
Tgt Ion:105 Resp: 635927
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 48.870 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion:119 Resp: 524881
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 50.343 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

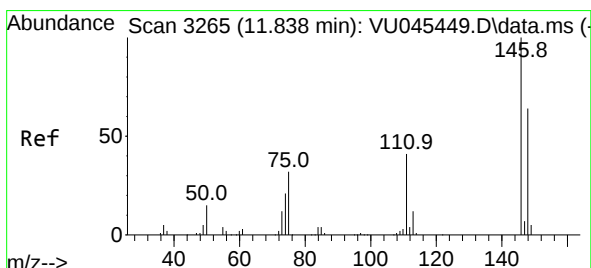
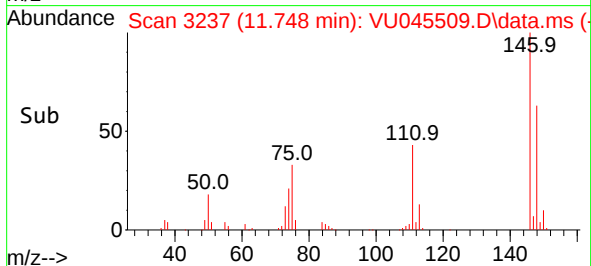
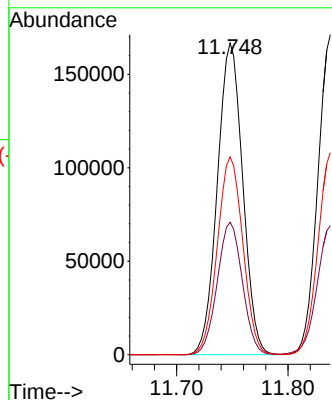
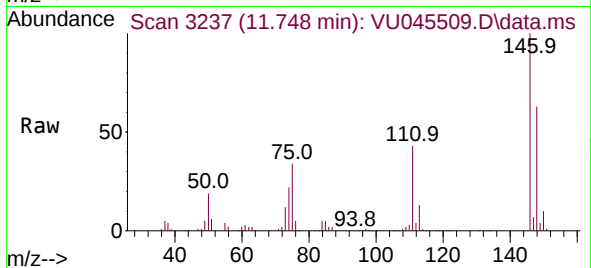
Tgt Ion:146 Resp: 263758

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.9

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.825 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045509.D

Acq: 01 Nov 2021 23:54

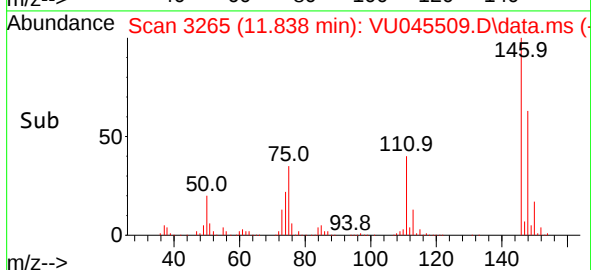
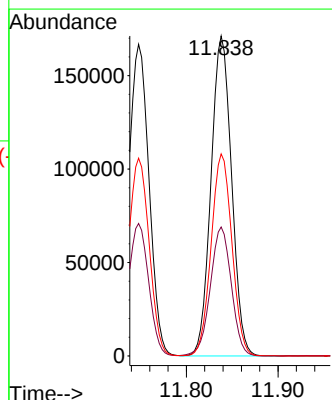
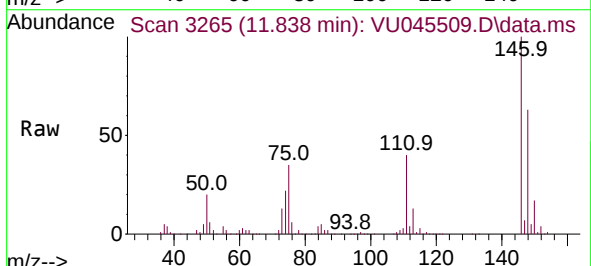
Tgt Ion:146 Resp: 266942

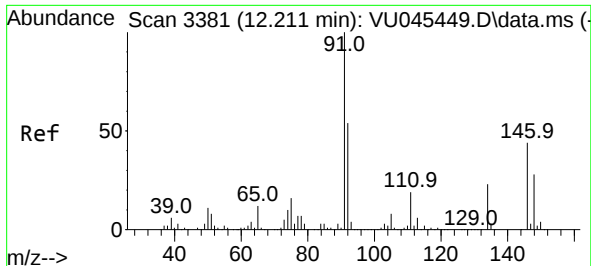
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 64.0 31.9 95.7

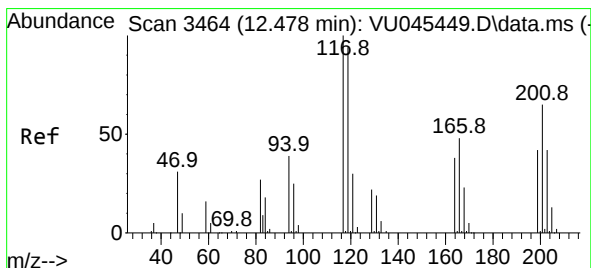
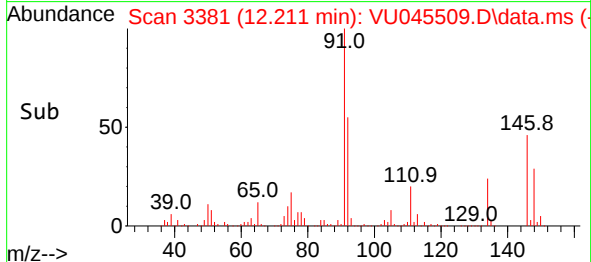
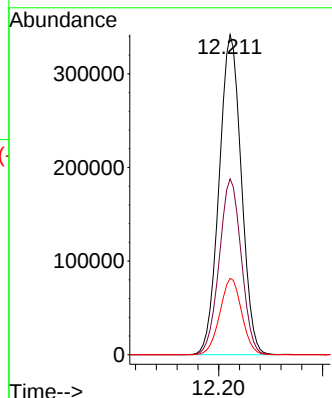
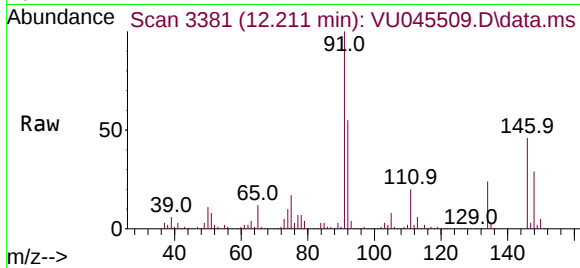




#89
n-Butylbenzene
Concen: 48.230 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

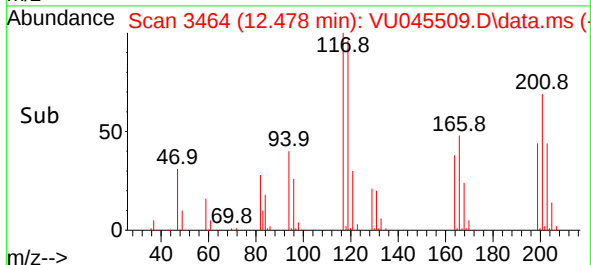
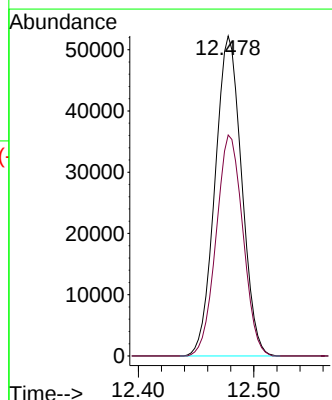
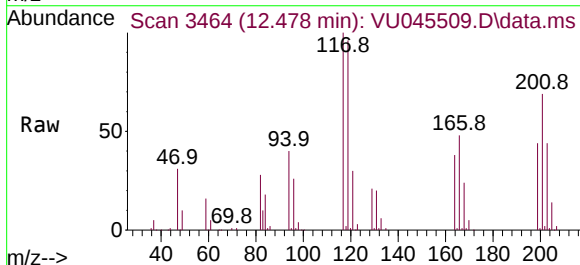
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

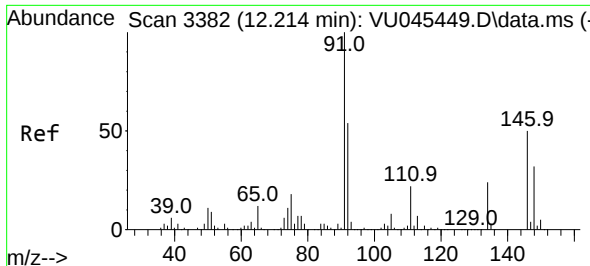
Tgt Ion: 91 Resp: 506693
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 48.405 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 117 Resp: 83770
Ion Ratio Lower Upper
117 100
201 69.3 33.8 101.4

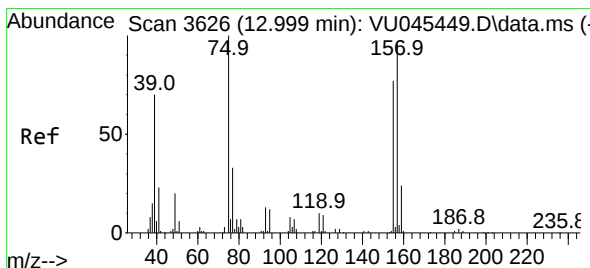
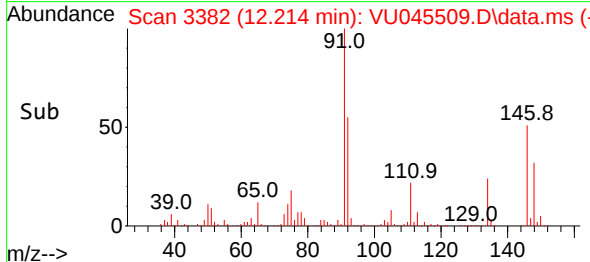
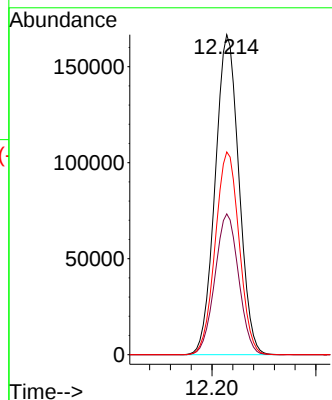
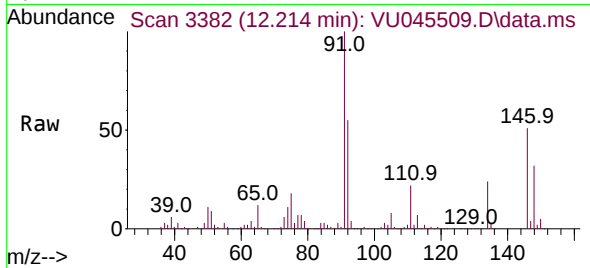




#91
1,2-Dichlorobenzene
Concen: 50.399 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

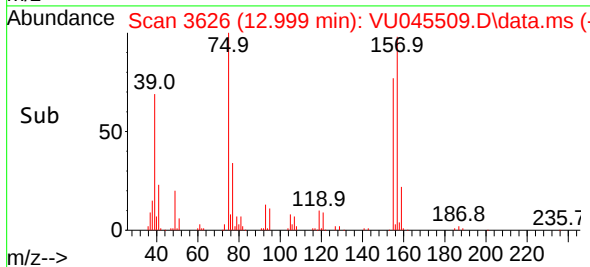
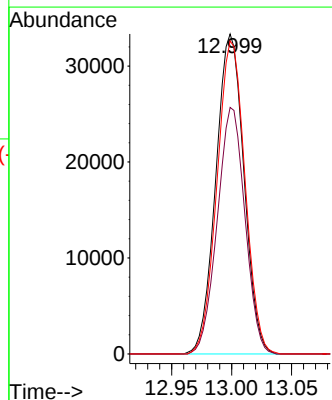
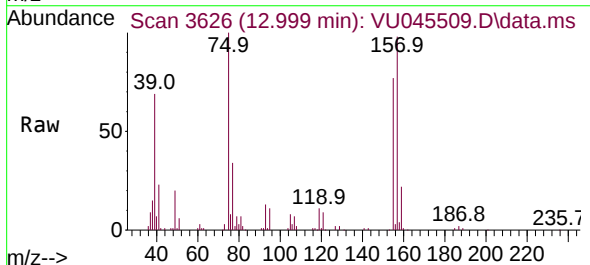
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

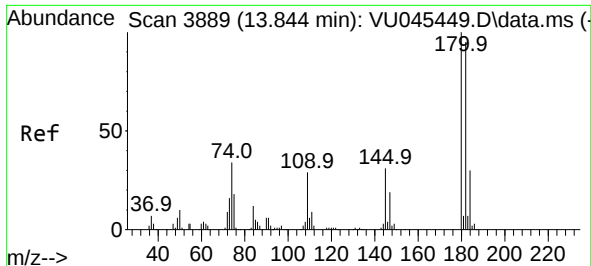
Tgt Ion:146 Resp: 264095
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.997 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion: 75 Resp: 54216
Ion Ratio Lower Upper
75 100
155 75.8 37.8 113.3
157 97.3 48.4 145.2

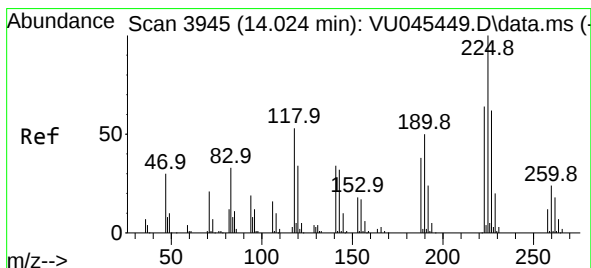
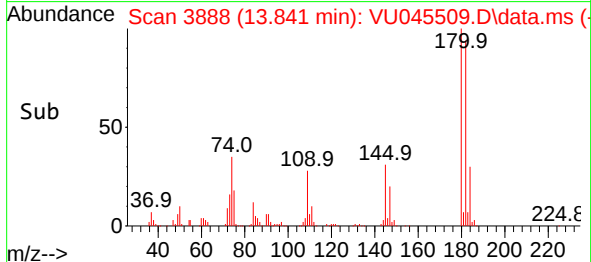
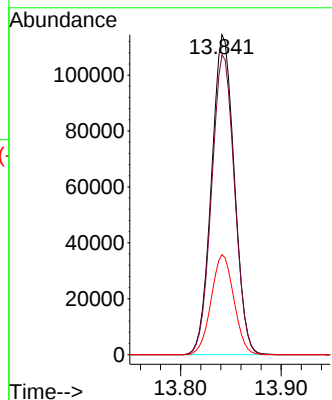
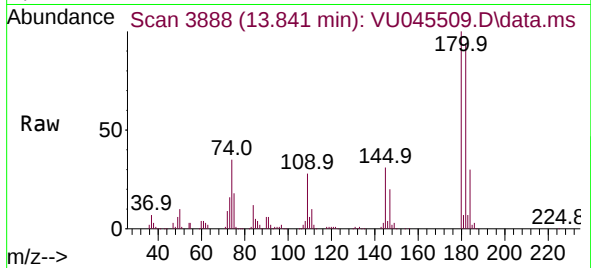




#93
 1,2,4-Trichlorobenzene
 Concen: 51.296 ug/l
 RT: 13.841 min Scan# 3889
 Delta R.T. -0.003 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

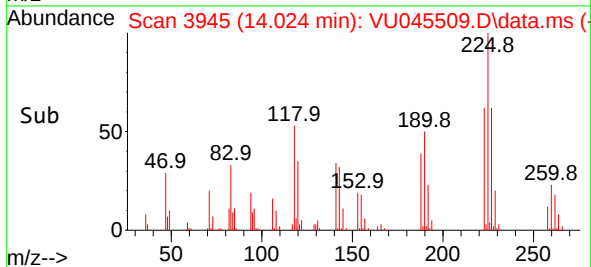
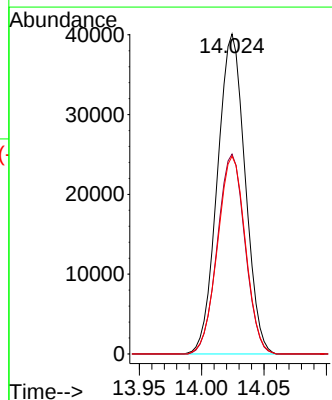
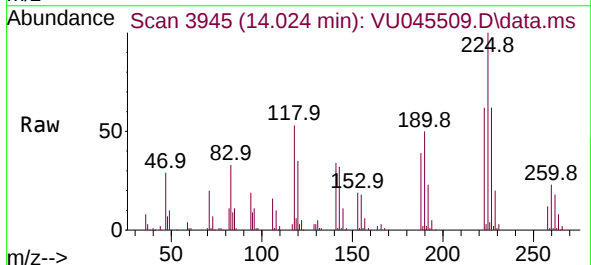
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

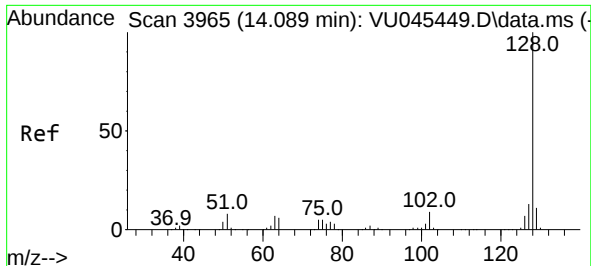
Tgt Ion:180 Resp: 180009
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.0 141.2
 145 31.1 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 48.610 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. -0.000 min
 Lab File: VU045509.D
 Acq: 01 Nov 2021 23:54

Tgt Ion:225 Resp: 62110
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.0 96.2
 227 62.2 31.1 93.5

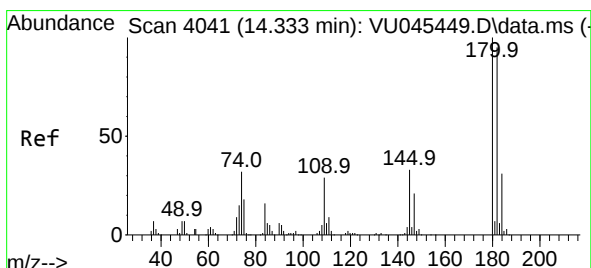
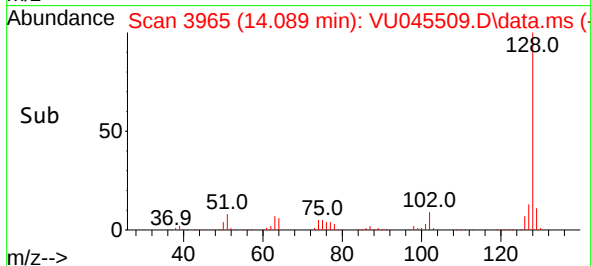
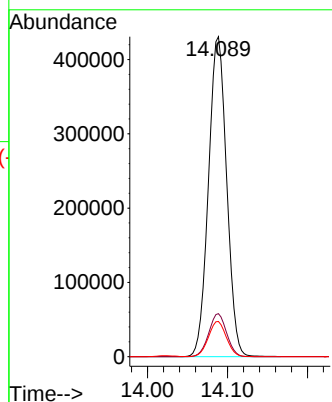
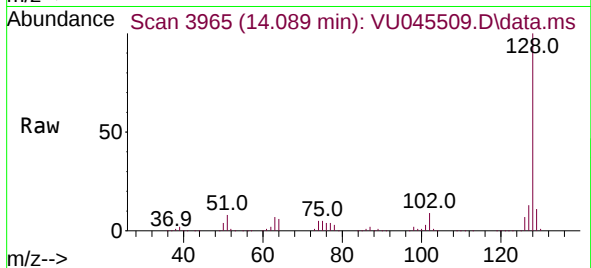




#95
Naphthalene
Concen: 49.055 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 680558
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.917 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045509.D
Acq: 01 Nov 2021 23:54

Tgt Ion:180 Resp: 183640
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 33.1 16.7 50.0

