

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU044992.D
 Acq On : 29 Sep 2021 14:53
 Operator : SY/MD
 Sample : VU0929MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929MBS01

Manual Integrations
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 9/30/2021 12:01:33 PM

Quant Time: Sep 29 16:07:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	155256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	281891	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	275358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	138961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	144454	55.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.78%			
35) Dibromofluoromethane	5.295	113	99578	56.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.00%			
50) Toluene-d8	7.902	98	394189	56.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.20%#			
62) 4-Bromofluorobenzene	10.635	95	149379	51.50	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.00%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38491	20.02	ug/l	98
3) Chloromethane	1.523	50	47584	19.11	ug/l	97
4) Vinyl Chloride	1.607	62	51770	20.82	ug/l	100
5) Bromomethane	1.858	94	35560	36.46	ug/l	99
6) Chloroethane	1.938	64	34178	17.89	ug/l	100
7) Trichlorofluoromethane	2.141	101	65693	20.01	ug/l	99
8) Diethyl Ether	2.382	74	30596	20.33	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.584	101	38794	20.77	ug/l	97
10) Methyl Iodide	2.729	142	31109	15.61	ug/l	98
11) Tert butyl alcohol	3.179	59	50475	68.05	ug/l	98
12) 1,1-Dichloroethene	2.584	96	38213	20.76	ug/l	98
13) Acrolein	2.491	56	13017	92.01	ug/l	96
14) Allyl chloride	2.928	41	67158	19.71	ug/l	94
15) Acrylonitrile	3.317	53	145737	97.42	ug/l	99
16) Acetone	2.629	43	128750	83.93	ug/l	100
17) Carbon Disulfide	2.800	76	108703	20.00	ug/l	100
18) Methyl Acetate	2.951	43	88084	19.65	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	142859	20.10	ug/l	98
20) Methylene Chloride	3.051	84	46882	20.29	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	41124	20.42	ug/l	99
22) Diisopropyl ether	3.999	45	139082	20.00	ug/l	97
23) Vinyl Acetate	3.960	43	567280	100.29	ug/l	99
24) 1,1-Dichloroethane	3.877	63	82180	20.58	ug/l	99
25) 2-Butanone	4.706	43	196552	90.18	ug/l	99
26) 2,2-Dichloropropane	4.671	77	65643	19.45	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	48555	20.42	ug/l	100
28) Bromochloromethane	4.980	49	32291	19.51	ug/l	94
29) Tetrahydrofuran	5.054	42	125259	96.54	ug/l	96
30) Chloroform	5.095	83	81988	20.37	ug/l	100
31) Cyclohexane	5.394	56	77344	19.70	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	67071	20.20	ug/l	99
36) 1,1-Dichloropropene	5.529	75	60704	20.59	ug/l	99
37) Ethyl Acetate	4.809	43	75389	19.33	ug/l	97
38) Carbon Tetrachloride	5.529	117	53028	20.79	ug/l	97
39) Methylcyclohexane	6.767	83	70892	19.59	ug/l	96
40) Benzene	5.780	78	178541	20.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	40007	19.92	ug/l	98
42) 1,2-Dichloroethane	5.800	62	71090	20.60	ug/l	99
43) Isopropyl Acetate	5.915	43	113336	19.31	ug/l	99
44) Trichloroethene	6.546	130	41840	20.21	ug/l	98
45) 1,2-Dichloropropane	6.796	63	47816	20.54	ug/l	99
46) Dibromomethane	6.922	93	32663	20.83	ug/l	100
47) Bromodichloromethane	7.108	83	63227	20.77	ug/l	100
48) Methyl methacrylate	6.964	41	52645	18.43	ug/l	95
49) 1,4-Dioxane	6.967	88	15523	180.44	ug/l	92
51) 4-Methyl-2-Pentanone	7.793	43	380721	89.12	ug/l	99
52) Toluene	7.973	92	110842	20.17	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	68319	19.62	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	73121	20.16	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	45528	19.88	ug/l	97
56) Ethyl methacrylate	8.336	69	72475	17.53	ug/l	99
57) 1,3-Dichloropropane	8.578	76	80211	19.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	95155	82.98	ug/l	100
59) 2-Hexanone	8.687	43	294694	84.71	ug/l	99
60) Dibromochloromethane	8.812	129	43570	19.34	ug/l	99
61) 1,2-Dibromoethane	8.928	107	48276	19.84	ug/l	99
64) Tetrachloroethene	8.555	164	38462	21.40	ug/l	95
65) Chlorobenzene	9.449	112	113527	19.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	38156	18.93	ug/l	100
67) Ethyl Benzene	9.574	91	211056	19.87	ug/l	100
68) m/p-Xylenes	9.697	106	163008	39.50	ug/l	99
69) o-Xylene	10.105	106	78833	19.25	ug/l	99
70) Styrene	10.118	104	131623	19.15	ug/l	100
71) Bromoform	10.295	173	30161	16.38	ug/l #	100
73) Isopropylbenzene	10.488	105	207449	20.05	ug/l	100
74) N-amyl acetate	10.324	43	91774	17.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	79319	17.71	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	69415m	17.13	ug/l	
77) Bromobenzene	10.787	156	47933	19.18	ug/l	100
78) n-propylbenzene	10.909	91	255753	20.28	ug/l	100
79) 2-Chlorotoluene	10.989	91	150027	18.98	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	176567	19.48	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	22724	15.56	ug/l	95
82) 4-Chlorotoluene	11.098	91	175453	19.64	ug/l	100
83) tert-Butylbenzene	11.423	119	165981	18.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	175465	19.56	ug/l	99
85) sec-Butylbenzene	11.648	105	225554	19.86	ug/l	100
86) p-Isopropyltoluene	11.796	119	181414	19.86	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	93634	19.57	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	93836	19.17	ug/l	98
89) n-Butylbenzene	12.211	91	168911	20.08	ug/l	100
90) Hexachloroethane	12.478	117	29373	17.81	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	91669	18.74	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18216	17.24	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	52397	19.22	ug/l	99
94) Hexachlorobutadiene	14.024	225	22499	19.77	ug/l	98
95) Naphthalene	14.089	128	180233	17.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	53488	19.54	ug/l	99

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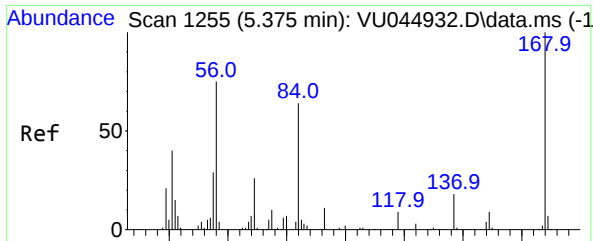
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Response via : Initial Calibration

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



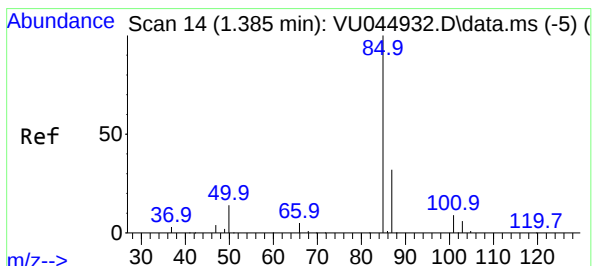
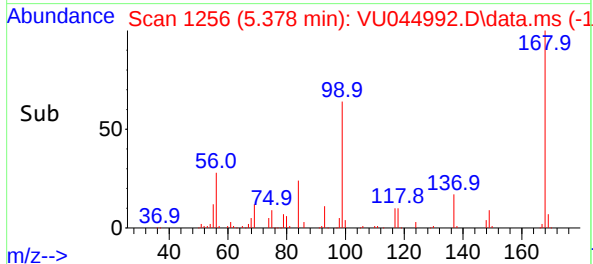
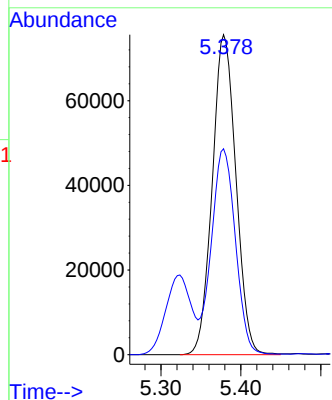
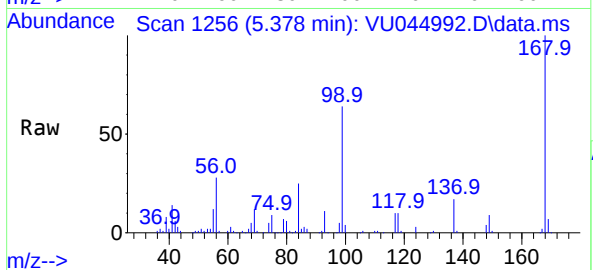
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:168 Resp: 155256
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0

Instrument :
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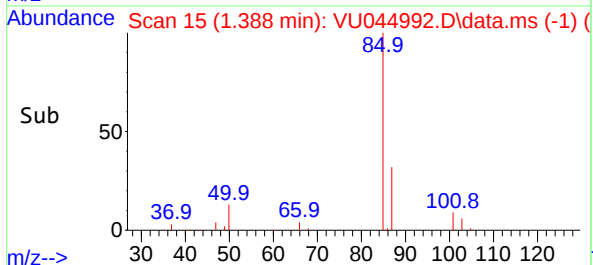
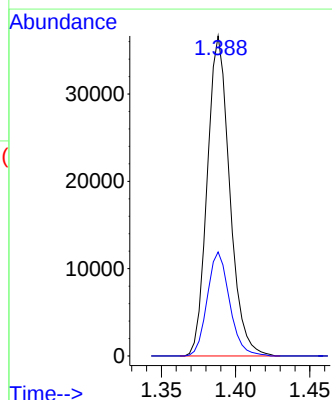
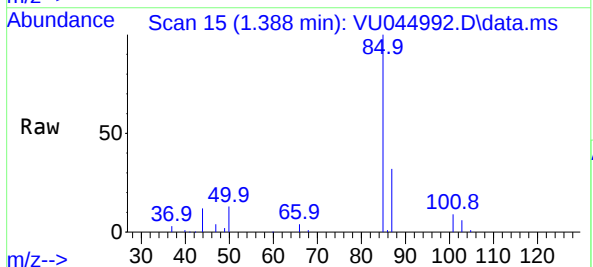
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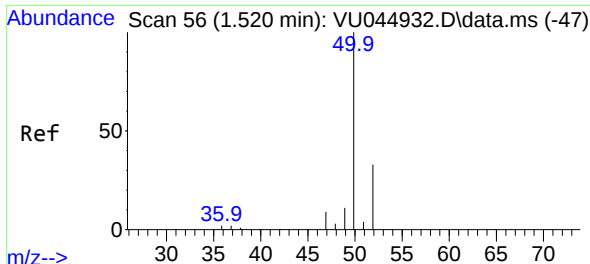
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#2
Dichlorodifluoromethane
Concen: 20.02 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 85 Resp: 38491
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





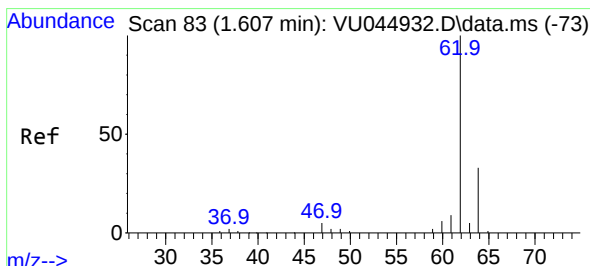
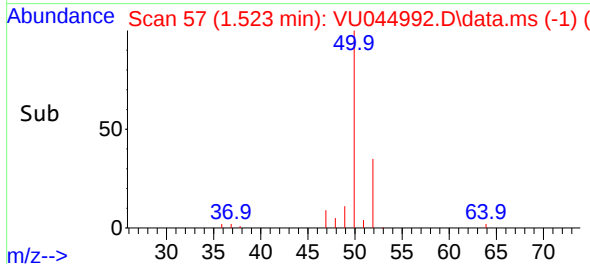
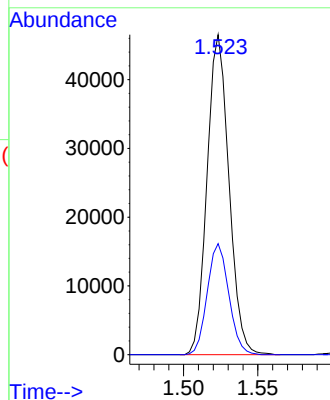
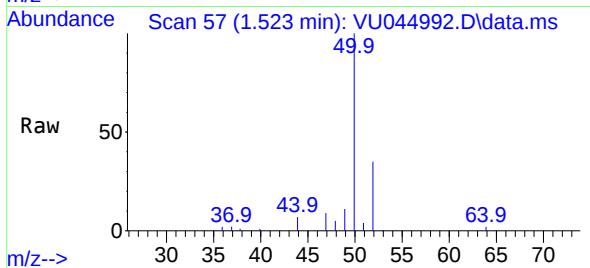
#3
Chloromethane
Concen: 19.11 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 50 Resp: 47584
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5

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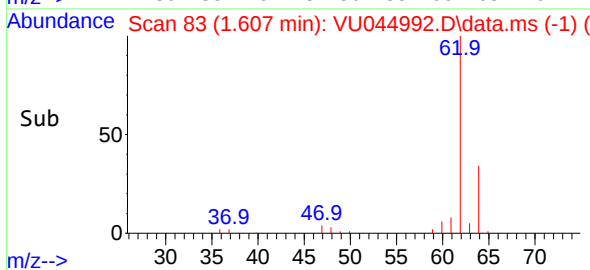
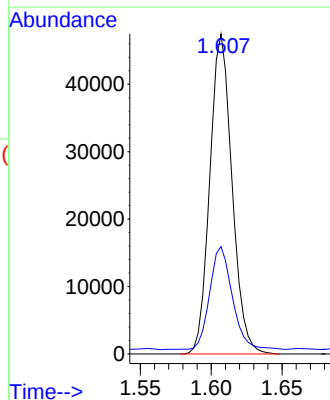
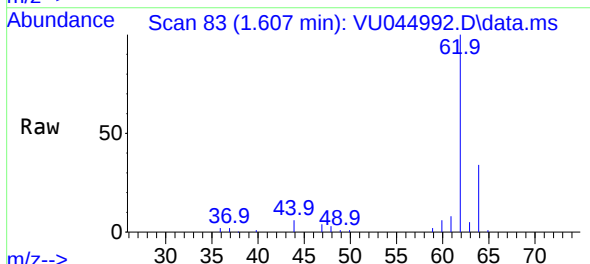
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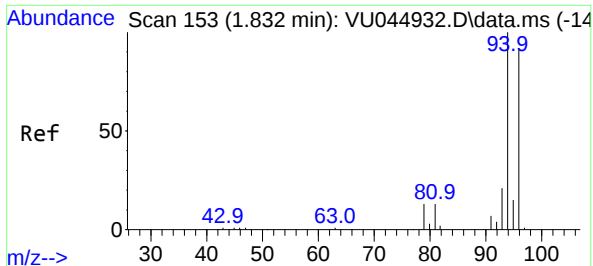
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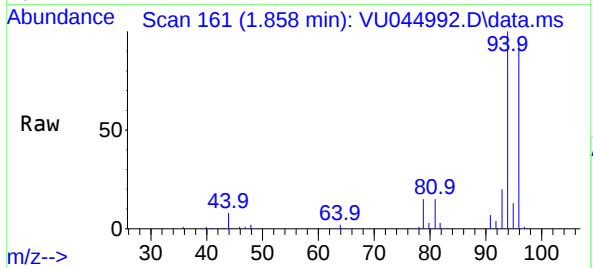
#4
Vinyl Chloride
Concen: 20.82 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 62 Resp: 51770
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

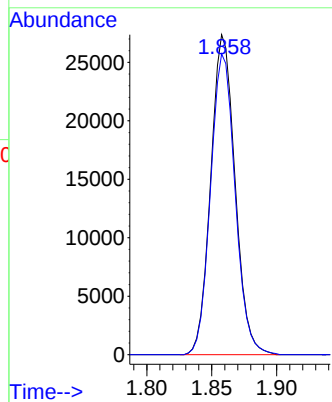
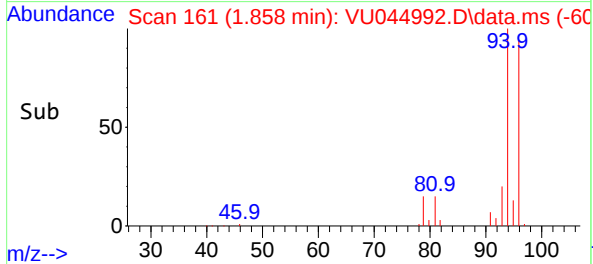




#5
Bromomethane
Concen: 36.46 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.026 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



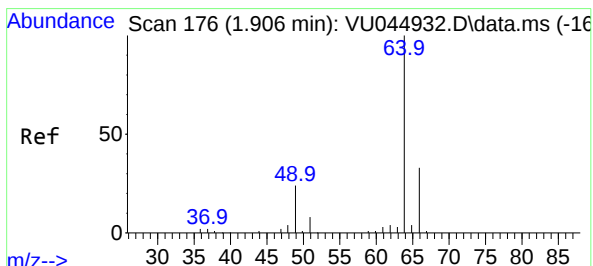
Tgt Ion: 94 Resp: 35560
Ion Ratio Lower Upper
94 100
96 94.0 74.5 111.7



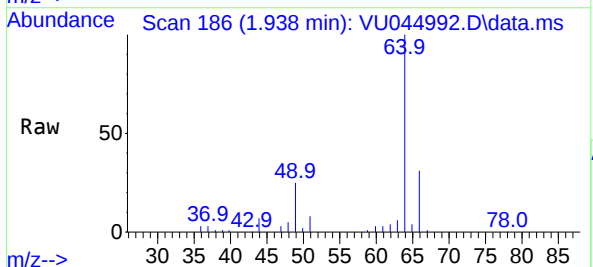
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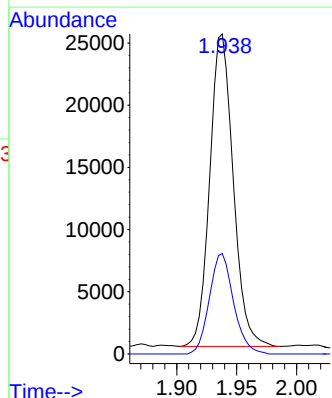
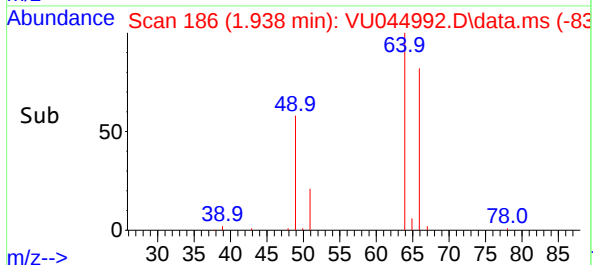
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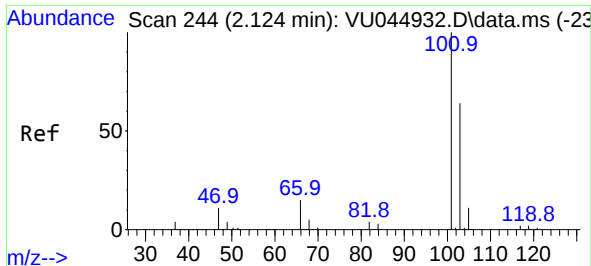


#6
Chloroethane
Concen: 17.89 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.032 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion: 64 Resp: 34178
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





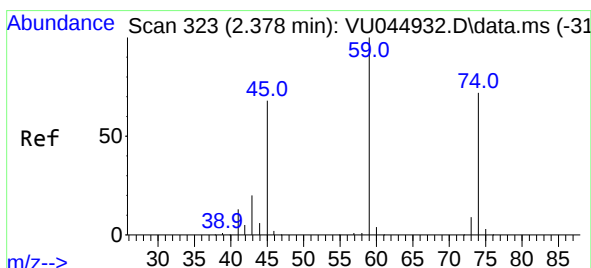
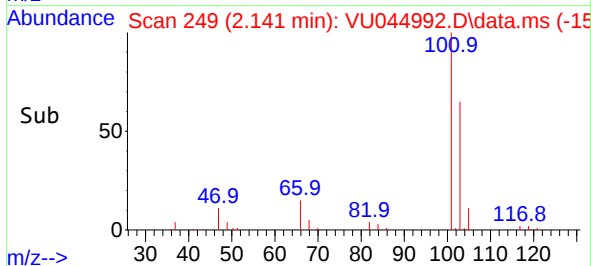
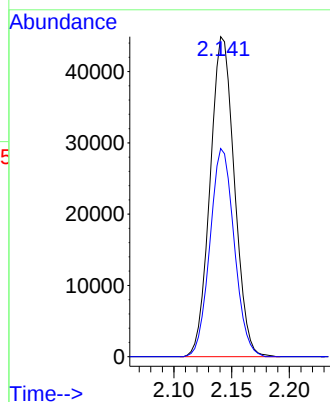
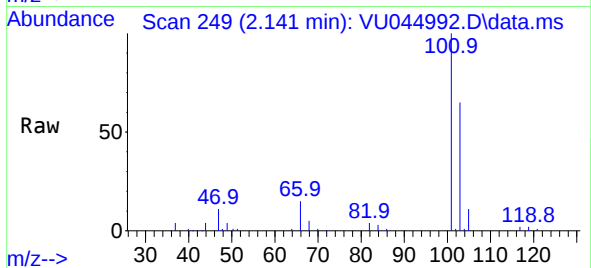
#7
Trichlorofluoromethane
Concen: 20.01 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.017 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:101 Resp: 65693
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

Instrument :
MSVOA_U
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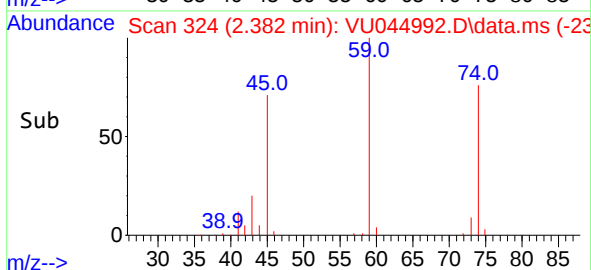
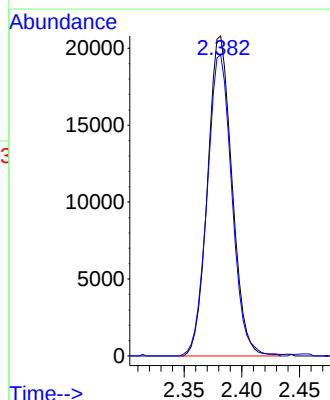
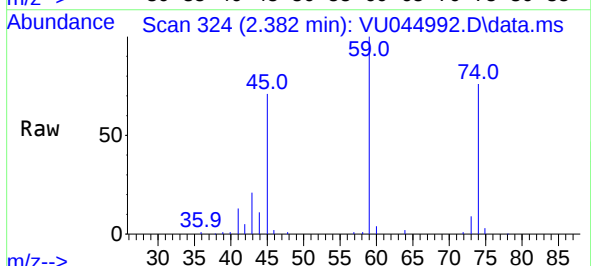
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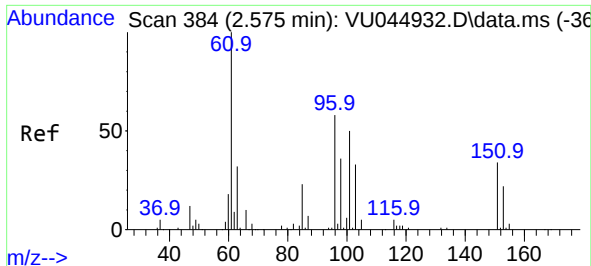
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#8
Diethyl Ether
Concen: 20.33 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.004 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 74 Resp: 30596
Ion Ratio Lower Upper
74 100
45 95.3 52.2 156.6





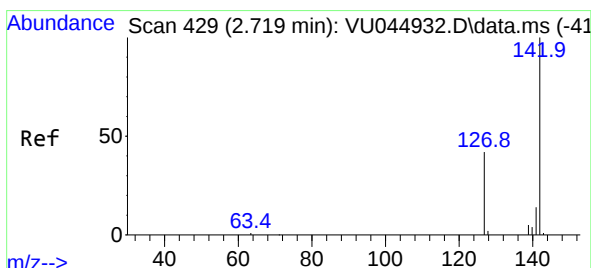
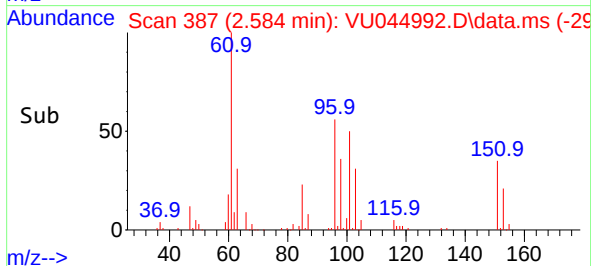
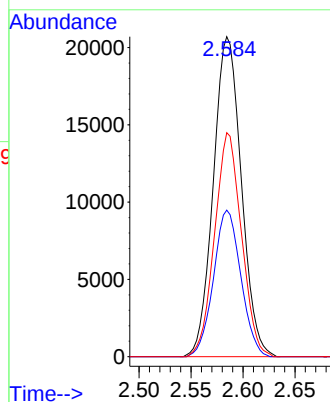
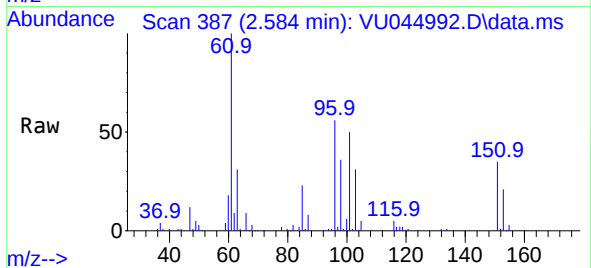
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1,1,2-Trichlorotrifluoroethane
Concen: 20.77 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:	101	Resp:	38794
Ion	Ratio	Lower	Upper
101	100		
85	44.7	37.2	55.8
151	67.2	55.8	83.8

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

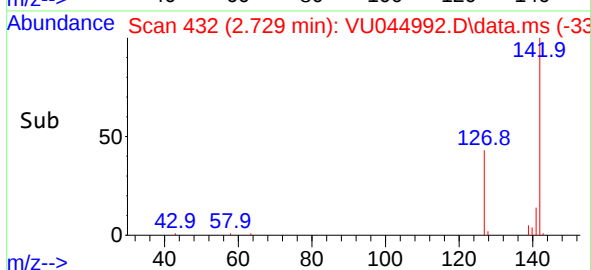
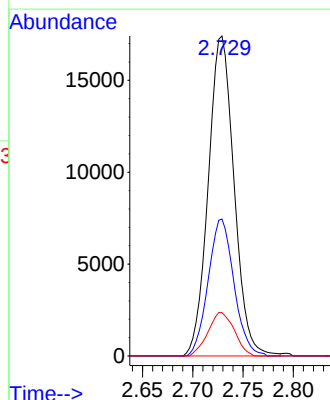
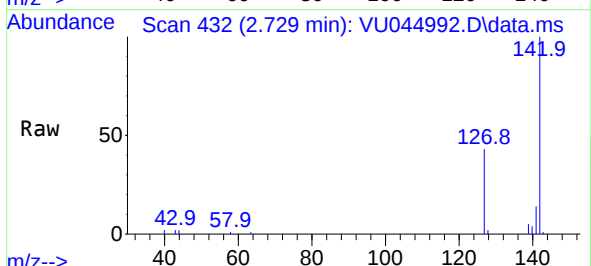
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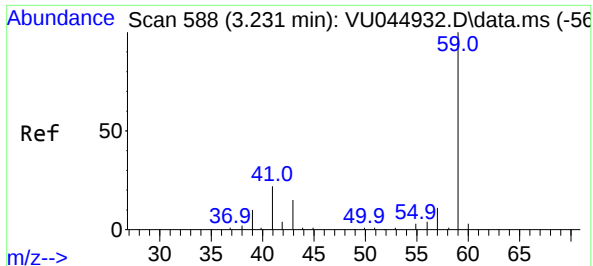
MMDadoda
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#10
Methyl Iodide
Concen: 15.61 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.010 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:	142	Resp:	31109
Ion	Ratio	Lower	Upper
142	100		
127	42.7	35.6	53.4
141	13.8	11.3	16.9





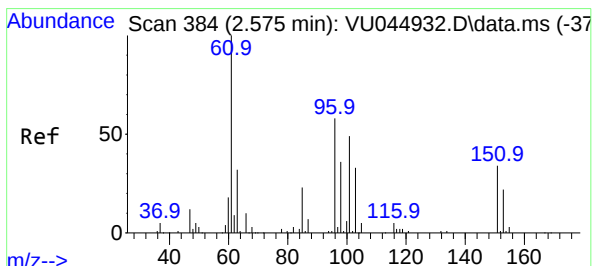
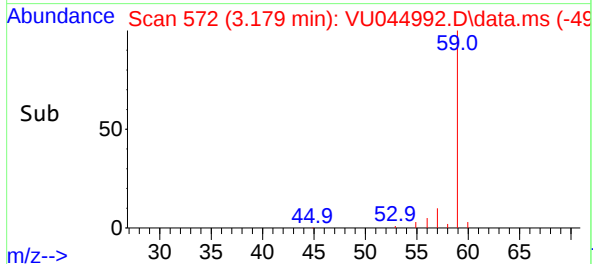
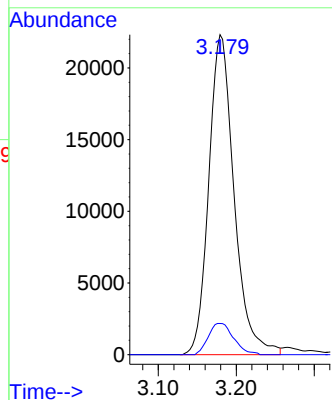
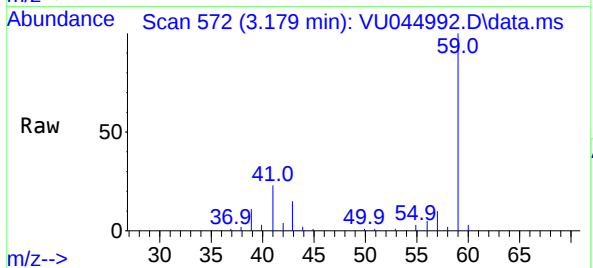
#11
Tert butyl alcohol
Concen: 68.05 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.052 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 59 Resp: 50475
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

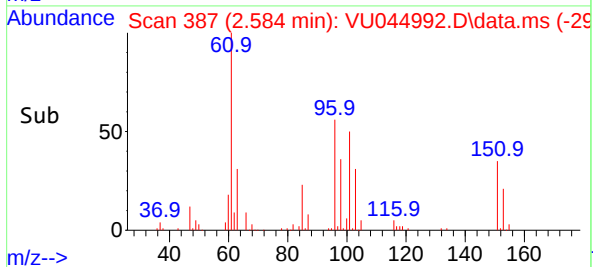
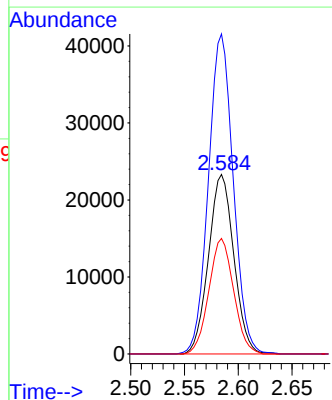
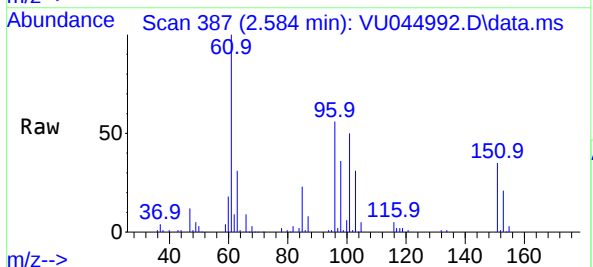
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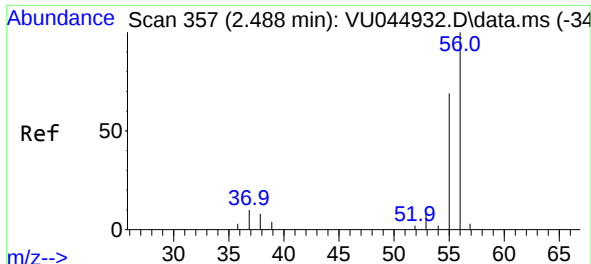
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#12
1,1-Dichloroethene
Concen: 20.76 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 96 Resp: 38213
Ion Ratio Lower Upper
96 100
61 178.3 145.4 218.0
98 64.4 50.9 76.3





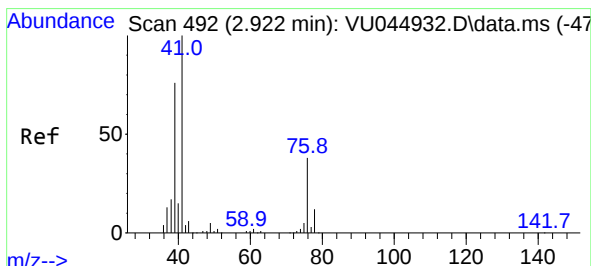
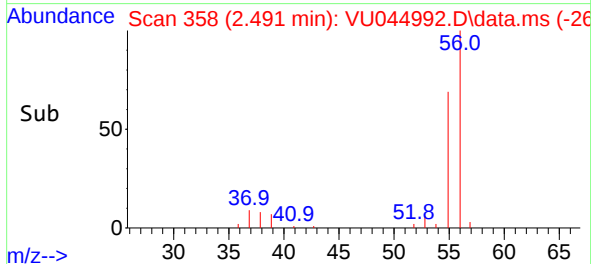
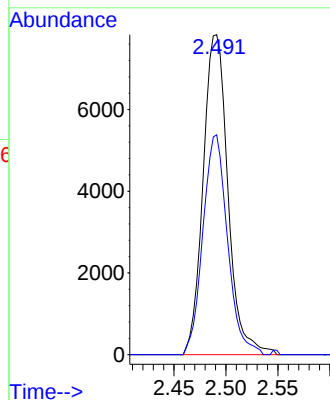
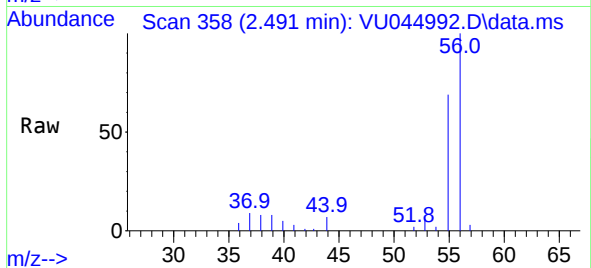
#13
Acrolein
Concen: 92.01 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 56 Resp: 13017
Ion Ratio Lower Upper
56 100
55 68.1 57.4 86.0

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

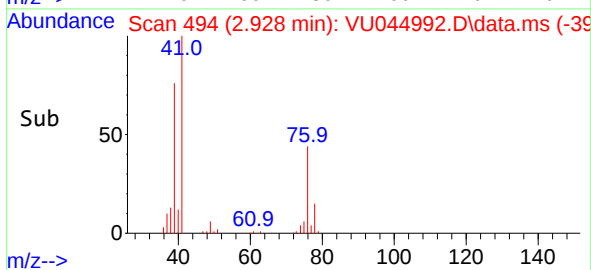
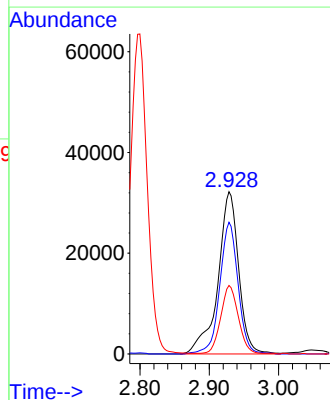
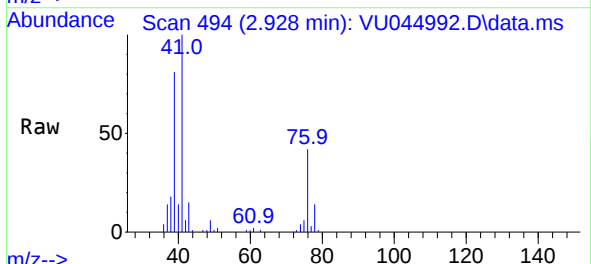
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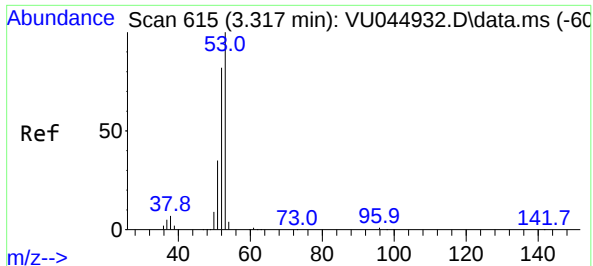
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#14
Allyl chloride
Concen: 19.71 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

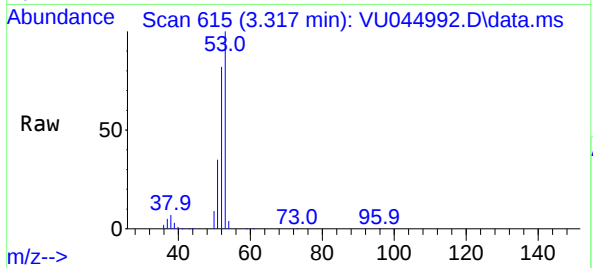
Tgt Ion: 41 Resp: 67158
Ion Ratio Lower Upper
41 100
39 71.5 53.0 79.6
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 97.42 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

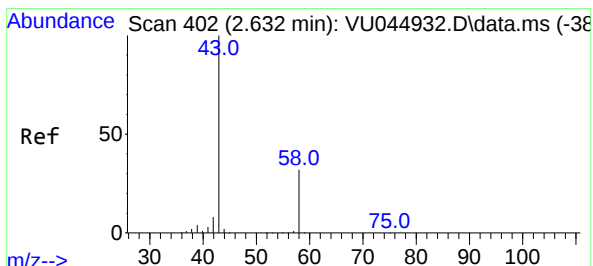
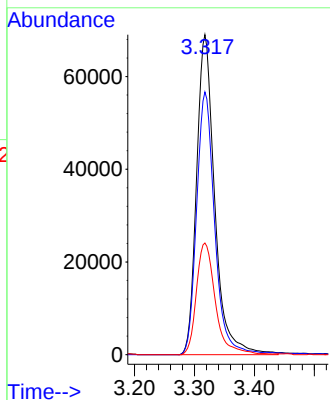
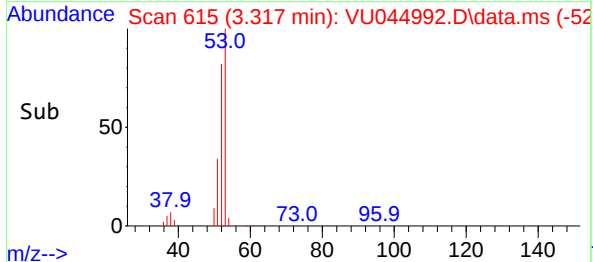
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01



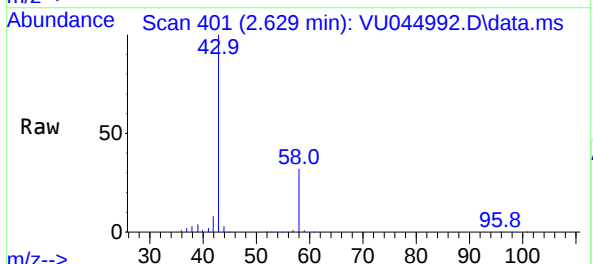
Tgt Ion: 53 Resp: 145737
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 36.5 28.6 42.8

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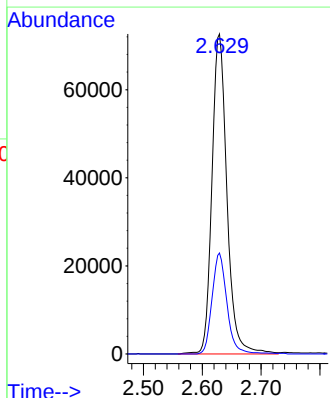
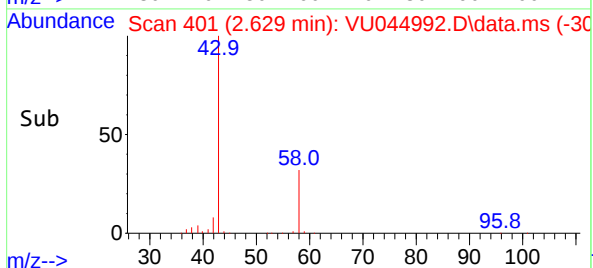
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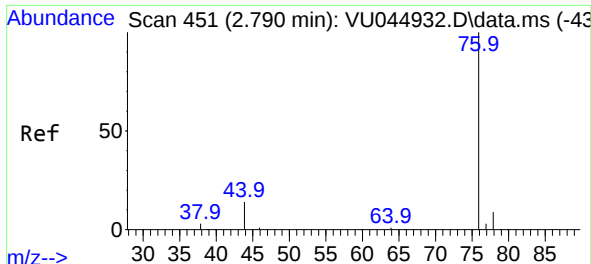


#16
Acetone
Concen: 83.93 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion: 43 Resp: 128750
Ion Ratio Lower Upper
43 100
58 31.5 25.2 37.8





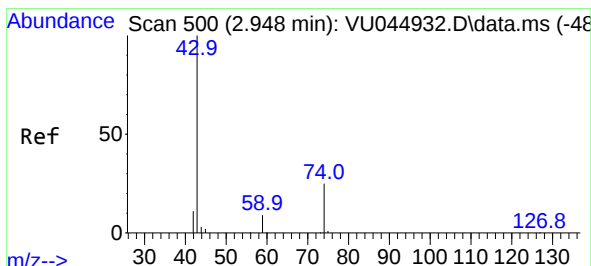
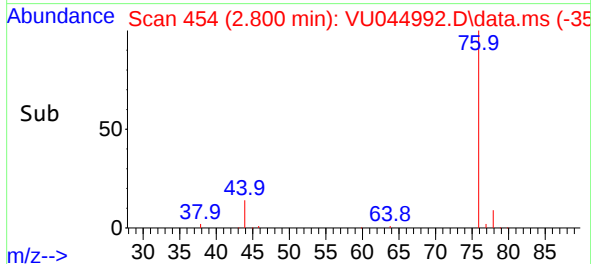
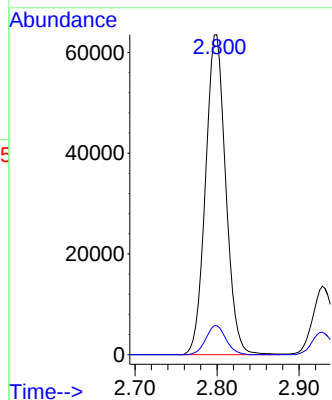
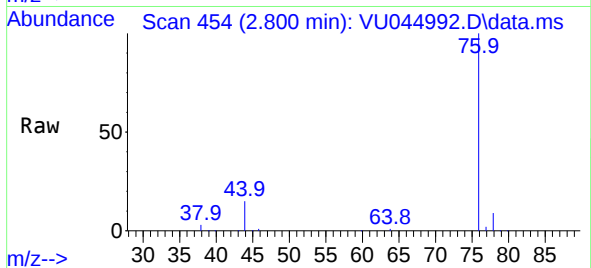
#17
Carbon Disulfide
Concen: 20.00 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.010 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 76 Resp: 108703
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

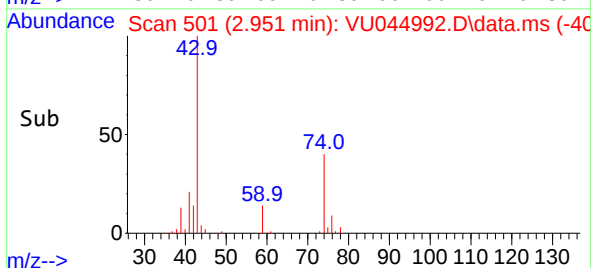
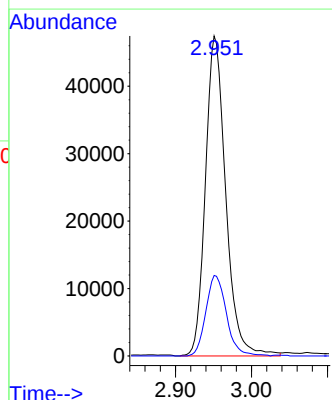
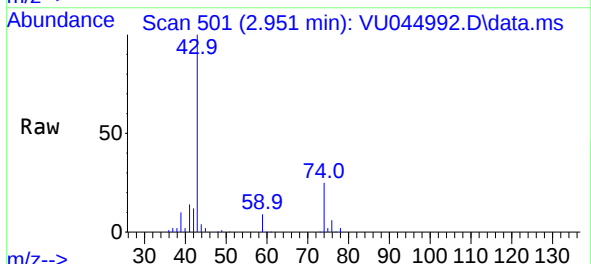
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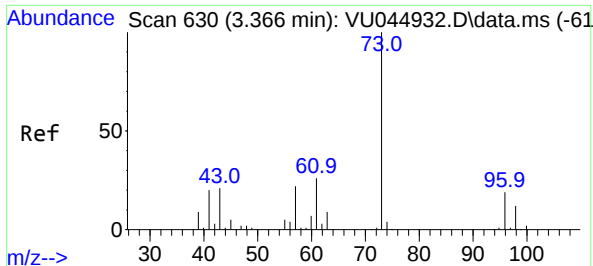
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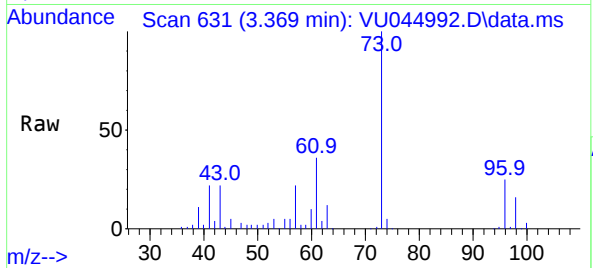
#18
Methyl Acetate
Concen: 19.65 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 43 Resp: 88084
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6

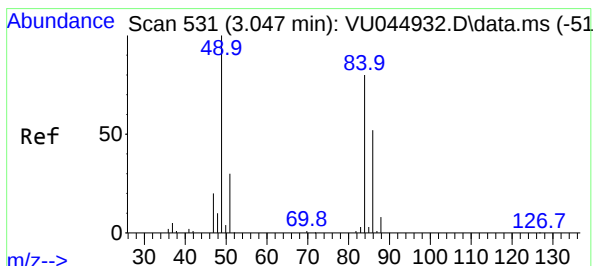
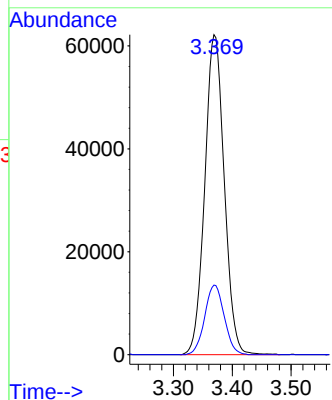
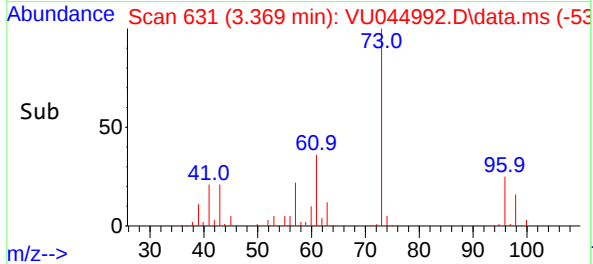




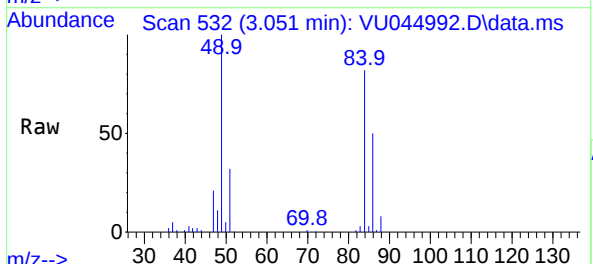
#19
Methyl tert-butyl Ether
Concen: 20.10 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



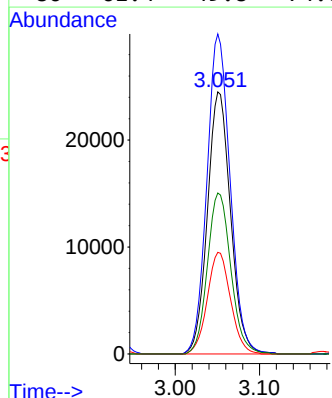
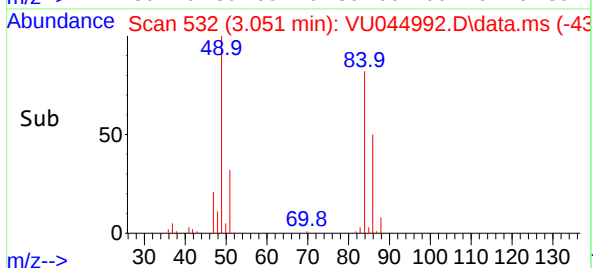
Tgt Ion: 73 Resp: 142859
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 20.29 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



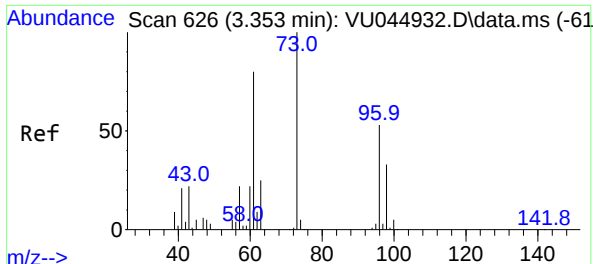
Tgt Ion: 84 Resp: 46882
Ion Ratio Lower Upper
84 100
49 122.1 104.9 157.3
51 38.8 31.8 47.8
86 61.4 49.8 74.6



Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

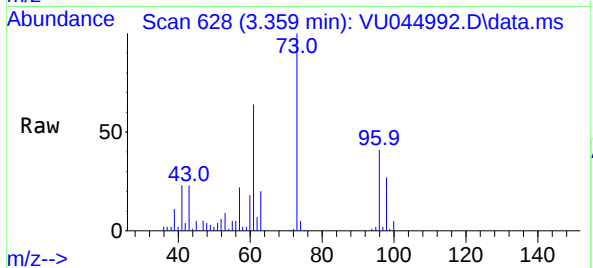
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#21
trans-1,2-Dichloroethene
Concen: 20.42 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

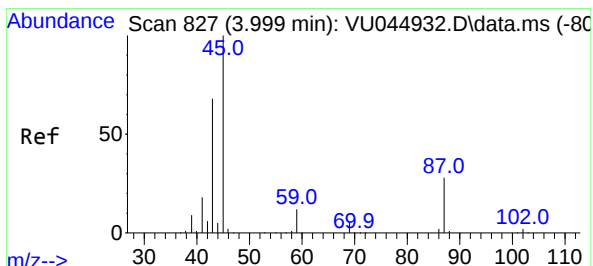
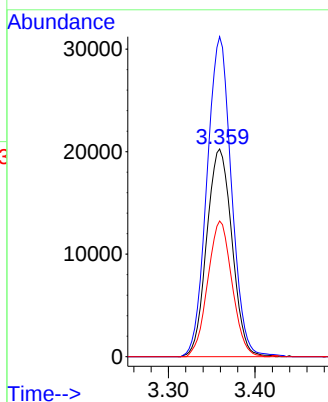
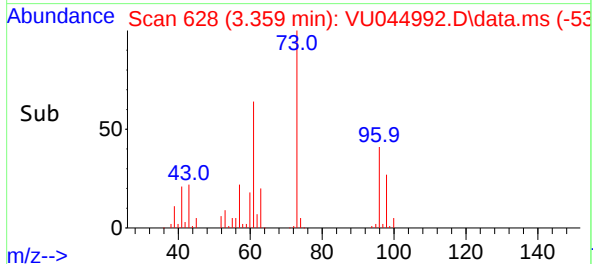
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01



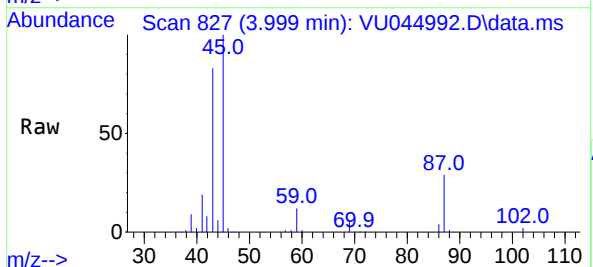
Tgt Ion: 96 Resp: 41124
Ion Ratio Lower Upper
96 100
61 154.1 123.2 184.8
98 65.3 51.0 76.6

Manual Integrations
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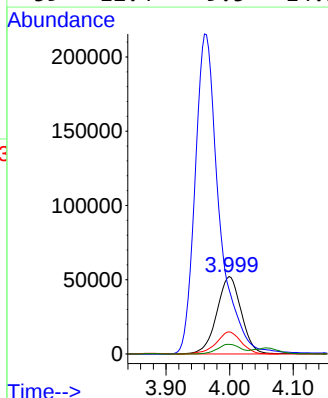
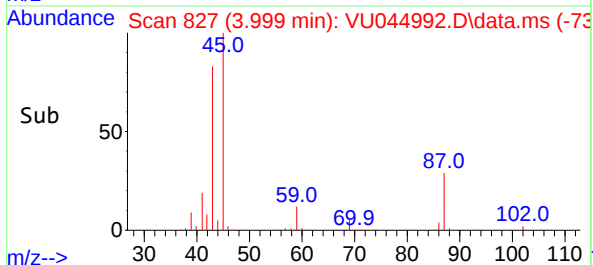
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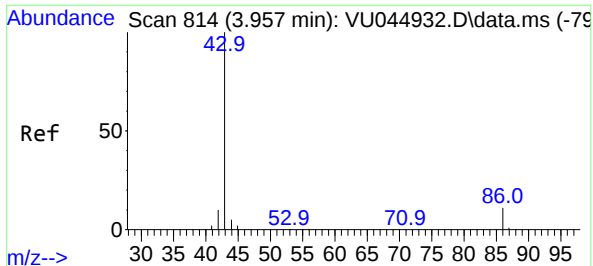


#22
Diisopropyl ether
Concen: 20.00 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

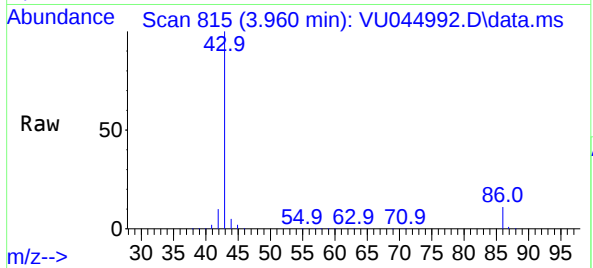


Tgt Ion: 45 Resp: 139082
Ion Ratio Lower Upper
45 100
43 80.1 62.3 93.5
87 28.6 21.0 31.4
59 12.4 9.5 14.3

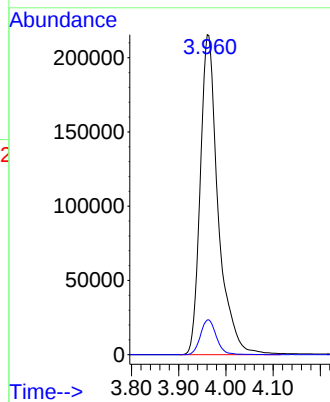
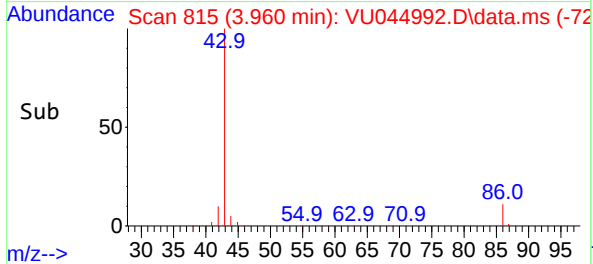




#23
 Vinyl Acetate
 Concen: 100.29 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. 0.003 min
 Lab File: VU044992.D
 Acq: 29 Sep 2021 14:53



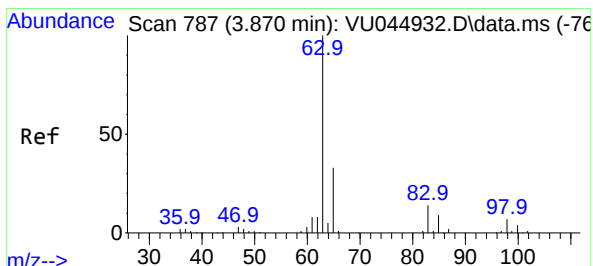
Tgt Ion: 43 Resp: 567280
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4



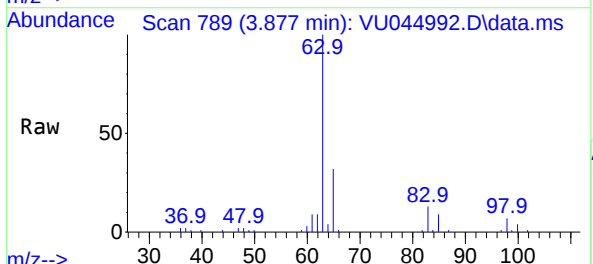
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929MBS01

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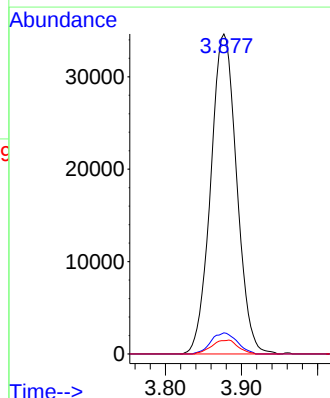
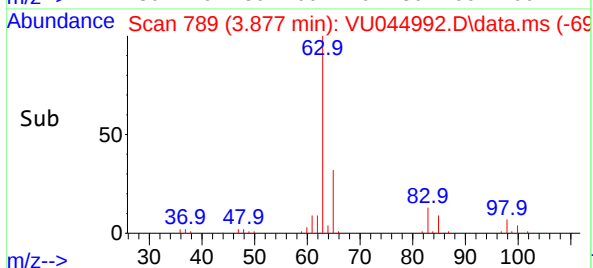
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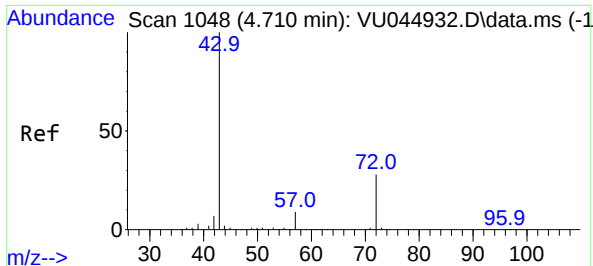


#24
 1,1-Dichloroethane
 Concen: 20.58 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044992.D
 Acq: 29 Sep 2021 14:53



Tgt Ion: 63 Resp: 82180
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.1 6.3





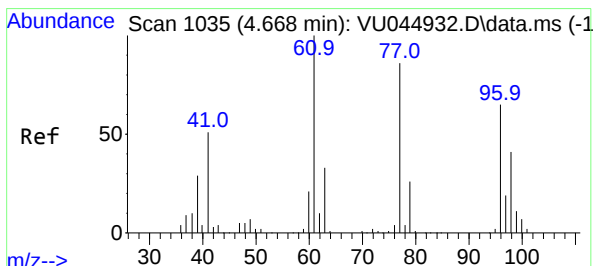
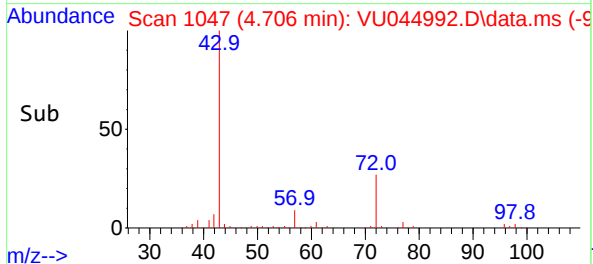
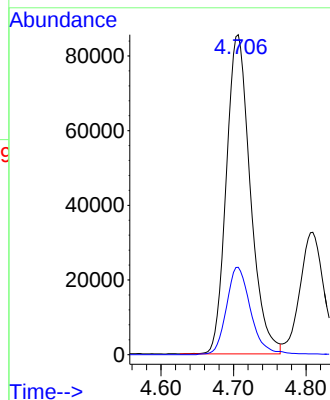
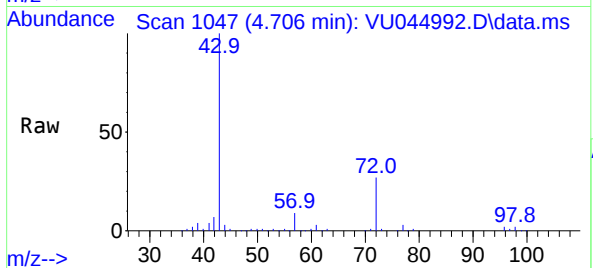
#25
2-Butanone
Concen: 90.18 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 43 Resp: 196552
Ion Ratio Lower Upper
43 100
72 27.4 21.3 31.9

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

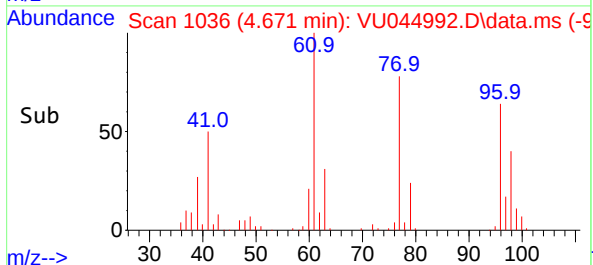
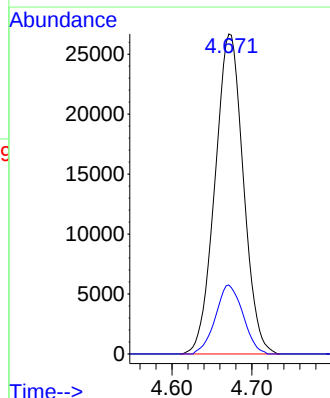
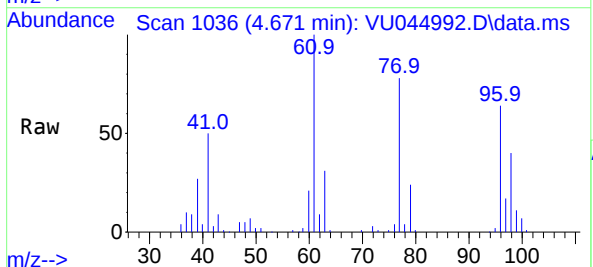
Manual Integrations
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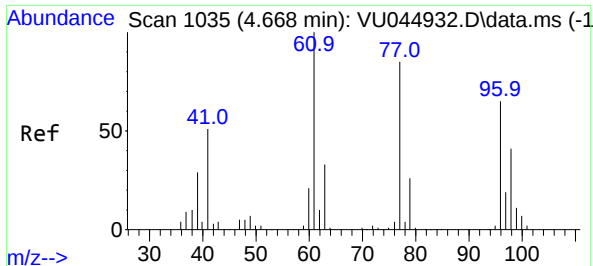
MMDadoda
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#26
2,2-Dichloropropane
Concen: 19.45 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 77 Resp: 65643
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.4





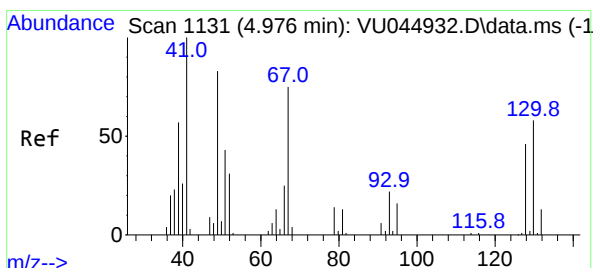
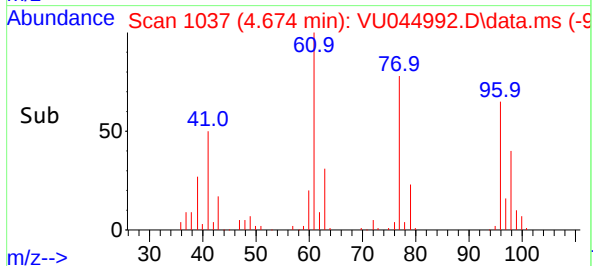
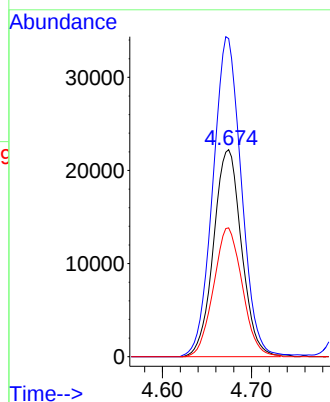
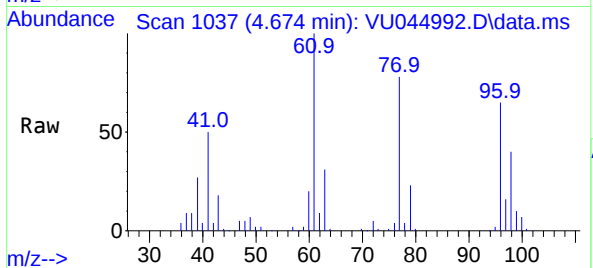
#27
 cis-1,2-Dichloroethene
 Concen: 20.42 ug/l
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VU044992.D
 Acq: 29 Sep 2021 14:53

Tgt Ion: 96 Resp: 48555
 Ion Ratio Lower Upper
 96 100
 61 157.2 0.0 313.4
 98 63.9 0.0 127.0

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0929MBS01

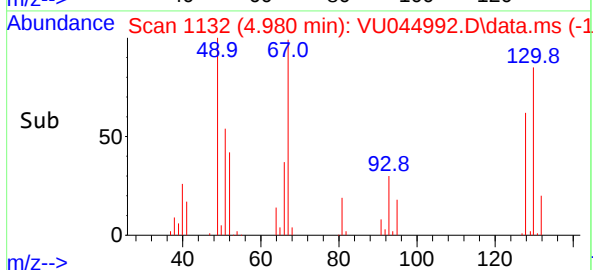
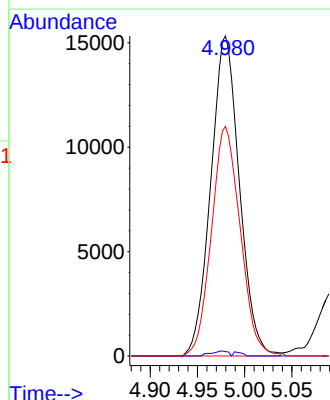
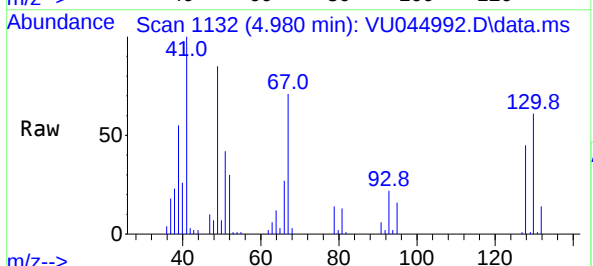
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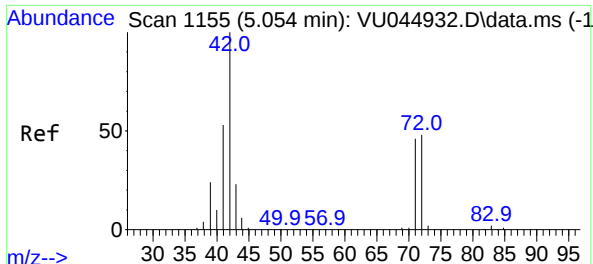
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#28
 Bromochloromethane
 Concen: 19.51 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.004 min
 Lab File: VU044992.D
 Acq: 29 Sep 2021 14:53

Tgt Ion: 49 Resp: 32291
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.2
 130 72.0 53.4 80.2





#29
Tetrahydrofuran
Concen: 96.54 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

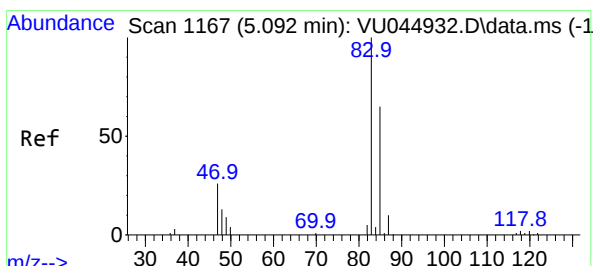
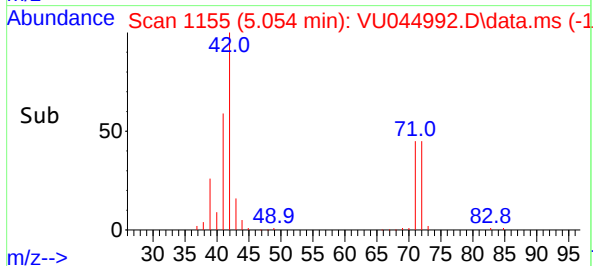
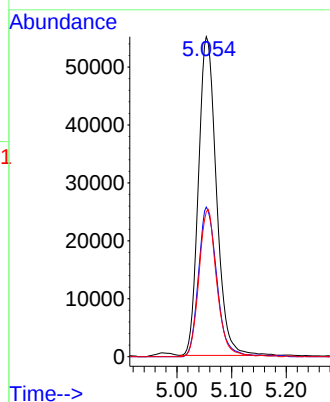
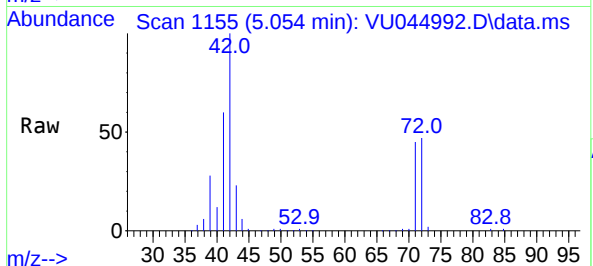
Tgt Ion: 42 Resp: 125259

Ion	Ratio	Lower	Upper
42	100		
72	47.8	36.2	54.4
71	45.7	34.1	51.1

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

Manual Integrations
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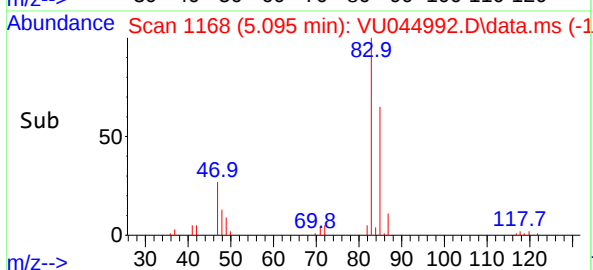
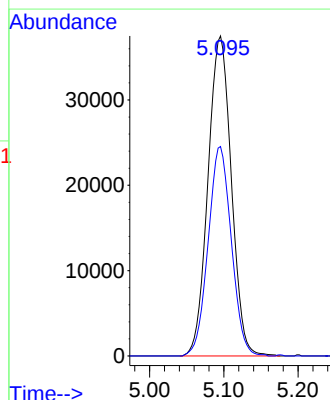
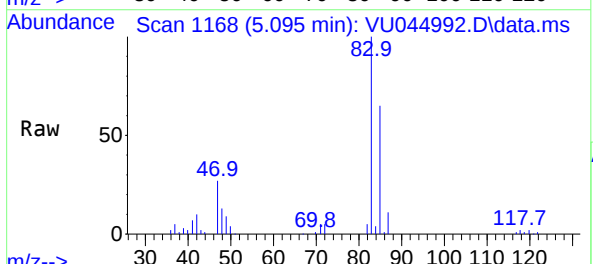
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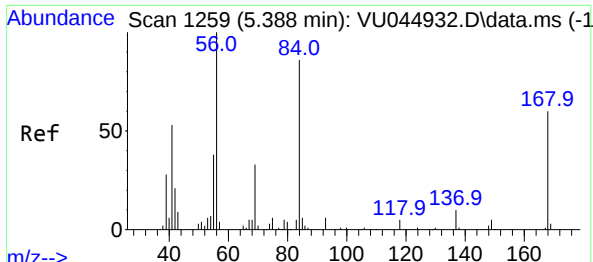


#30
Chloroform
Concen: 20.37 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 83 Resp: 81988

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1





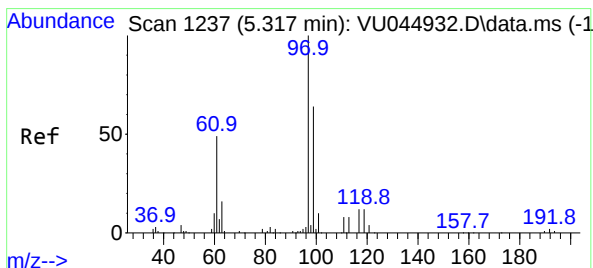
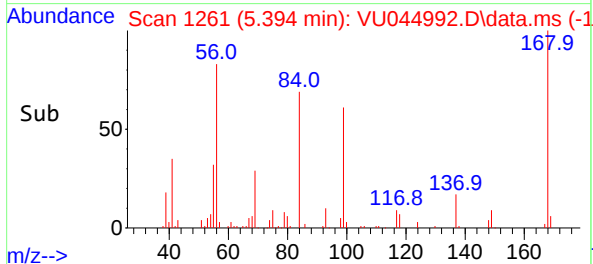
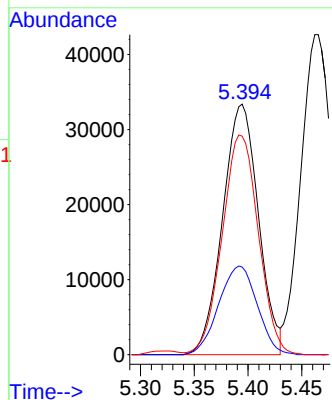
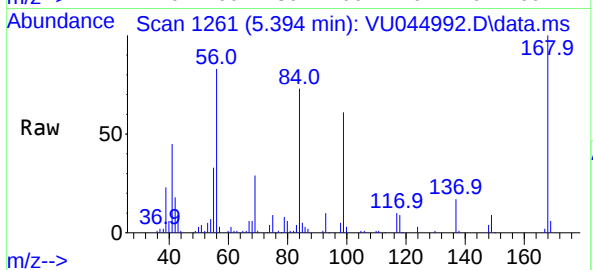
#31
Cyclohexane
Concen: 19.70 ug/l
RT: 5.394 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:	56	Resp:	77344
Ion Ratio	Lower	Upper	
56	100		
69	35.0	25.2	37.8
84	86.3	66.4	99.6

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

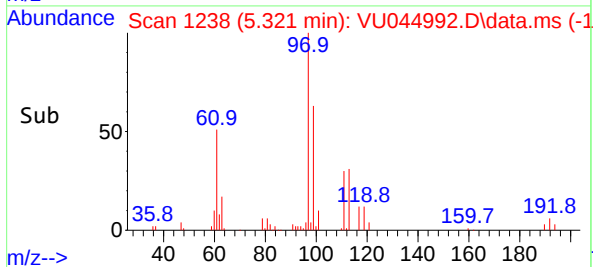
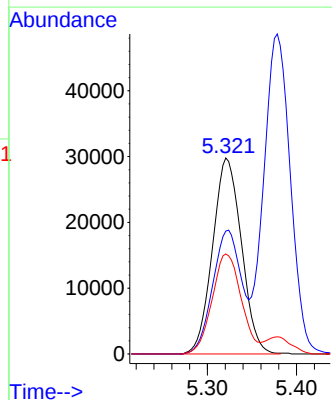
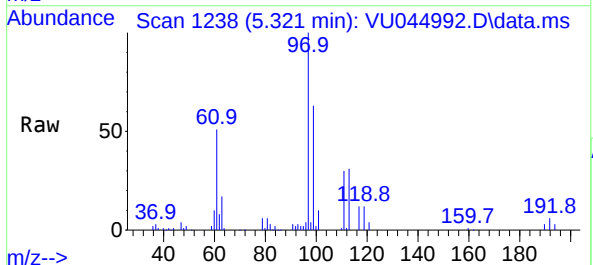
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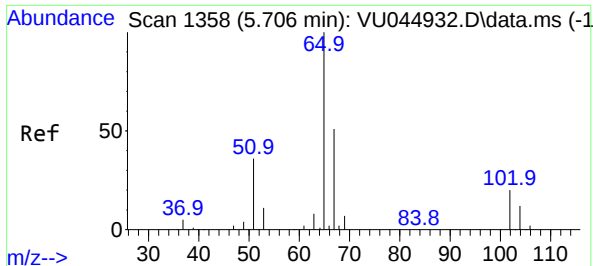
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#32
1,1,1-Trichloroethane
Concen: 20.20 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:	97	Resp:	67071
Ion Ratio	Lower	Upper	
97	100		
99	62.4	50.9	76.3
61	51.8	40.7	61.1





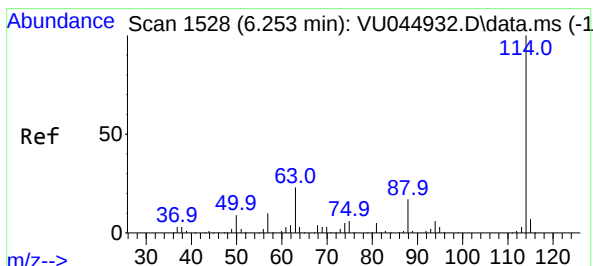
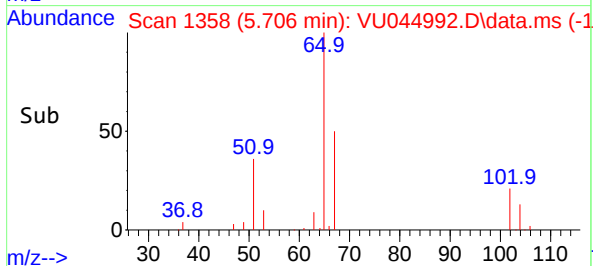
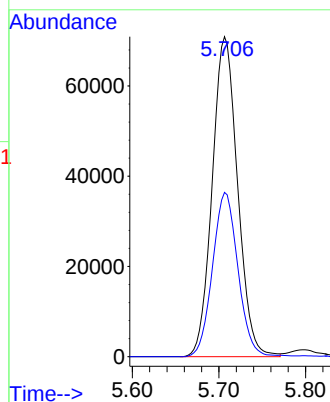
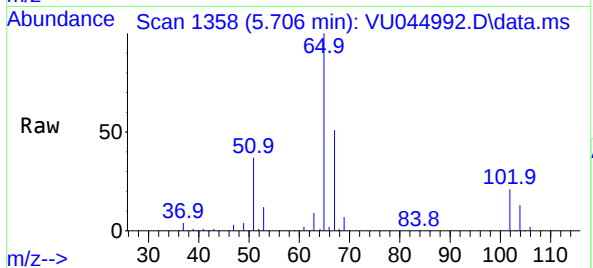
#33
1,2-Dichloroethane-d4
Concen: 55.89 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 65 Resp: 144454
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

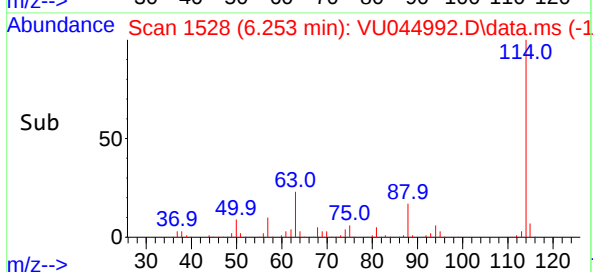
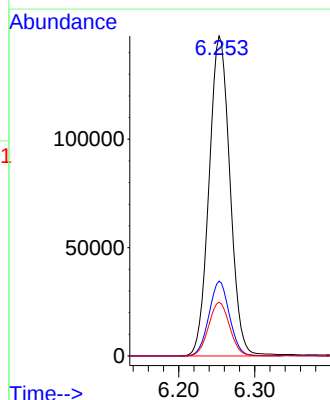
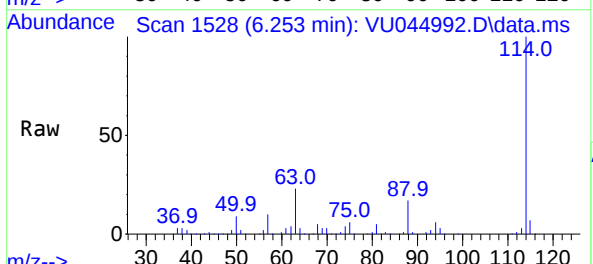
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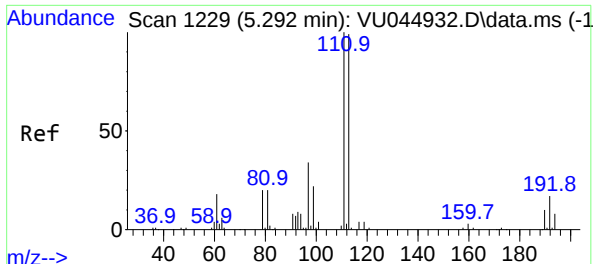
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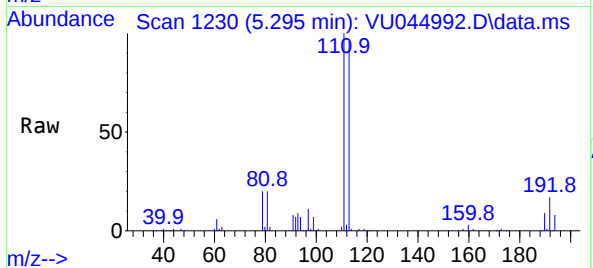
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 114 Resp: 281891
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.8
88 16.8 0.0 32.8

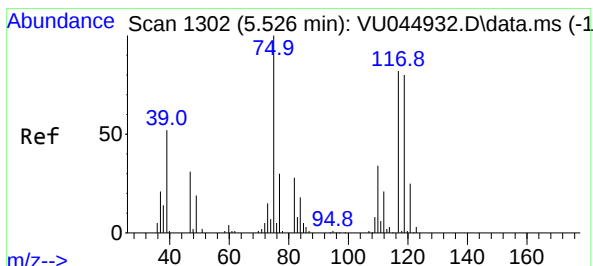
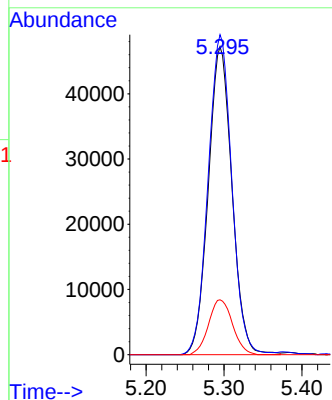
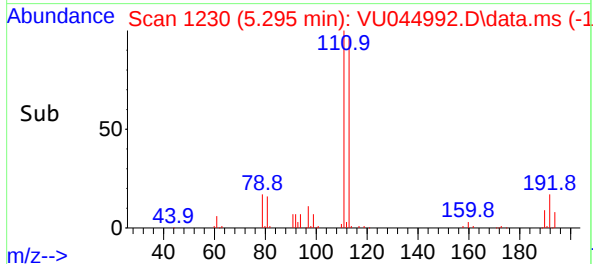




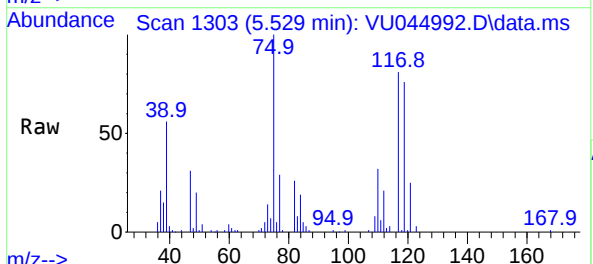
#35
Dibromofluoromethane
Concen: 56.00 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



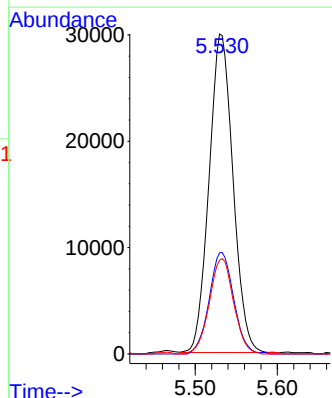
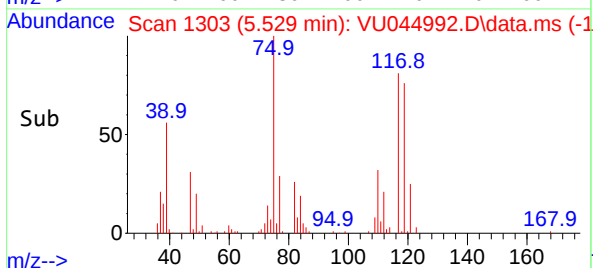
Tgt Ion: 113 Resp: 99578
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.1 14.8 22.2



#36
1,1-Dichloropropene
Concen: 20.59 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



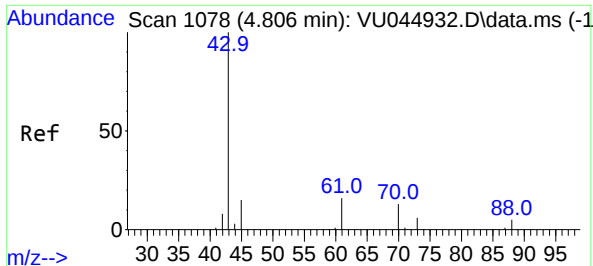
Tgt Ion: 75 Resp: 60704
Ion Ratio Lower Upper
75 100
110 32.4 16.3 48.9
77 30.3 25.0 37.4



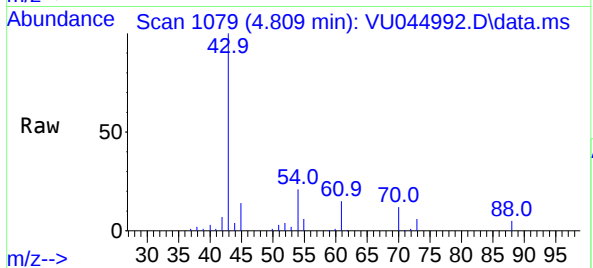
Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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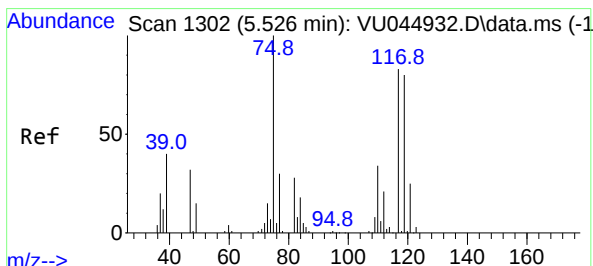
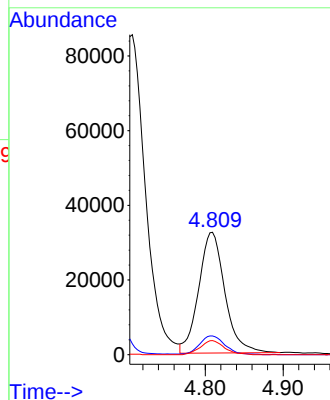
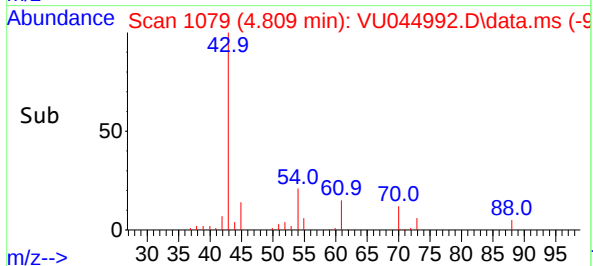
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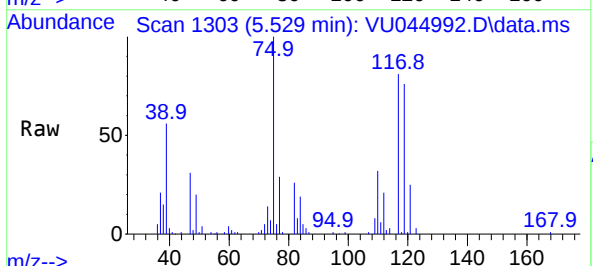
#37
Ethyl Acetate
Concen: 19.33 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



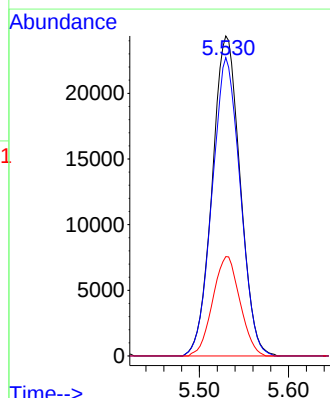
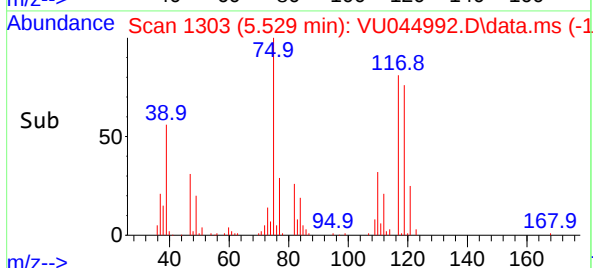
Tgt Ion:	43	Resp:	75389
Ion Ratio	Lower	Upper	
43	100		
61	15.2	10.9	16.3
70	10.6	8.2	12.4



#38
Carbon Tetrachloride
Concen: 20.79 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



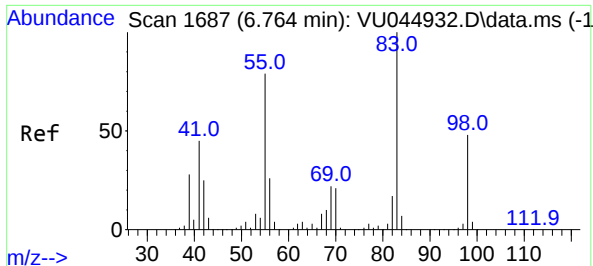
Tgt Ion:	117	Resp:	53028
Ion Ratio	Lower	Upper	
117	100		
119	93.3	77.4	116.2
121	31.1	24.5	36.7



Instrument :
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ClientSampled :
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#39

Methylcyclohexane

Concen: 19.59 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU044992.D

Acq: 29 Sep 2021 14:53

Tgt Ion:	83	Resp:	70892
Ion	Ratio	Lower	Upper
83	100		
55	78.6	66.2	99.4
98	48.9	37.5	56.3

Instrument :

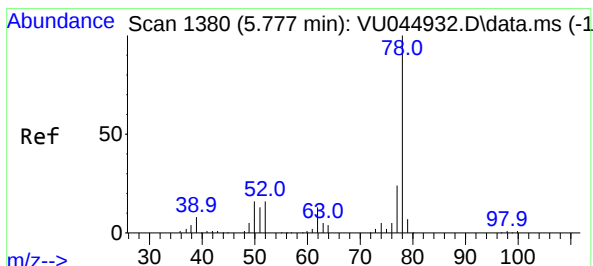
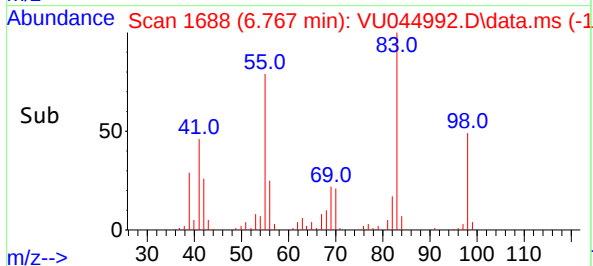
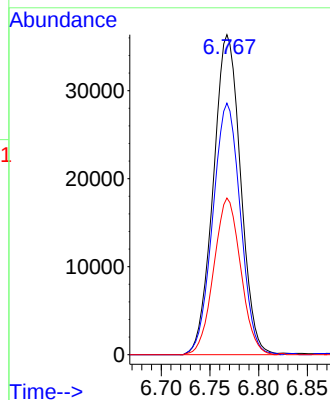
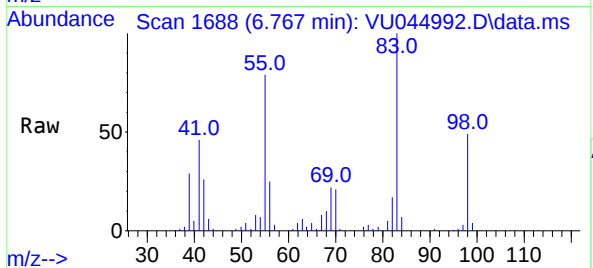
MSVOA_U

ClientSampleId :

VU0929MBS01

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#40

Benzene

Concen: 20.34 ug/l

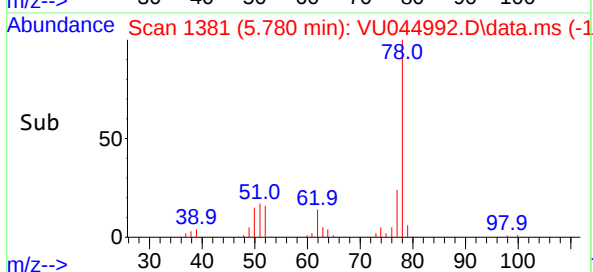
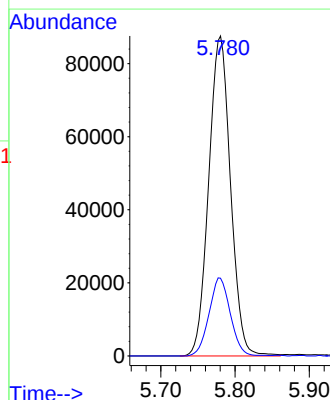
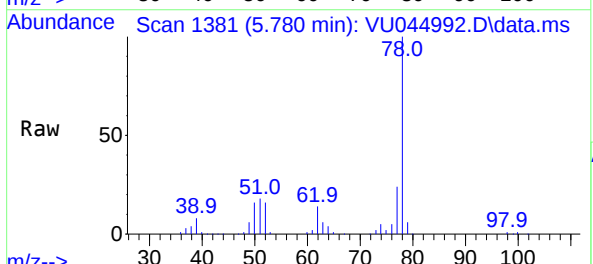
RT: 5.780 min Scan# 1381

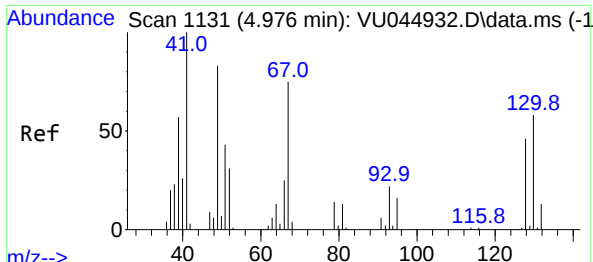
Delta R.T. 0.003 min

Lab File: VU044992.D

Acq: 29 Sep 2021 14:53

Tgt Ion:	78	Resp:	178541
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 19.92 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

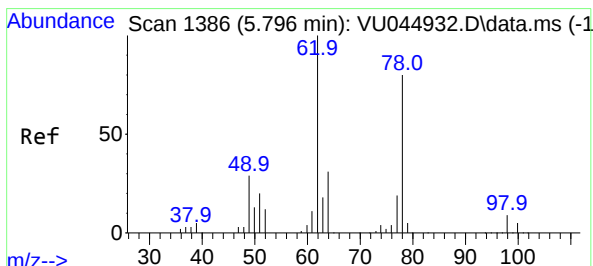
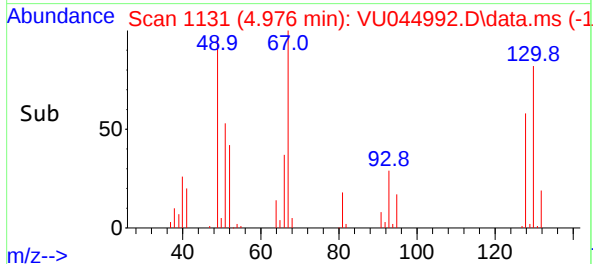
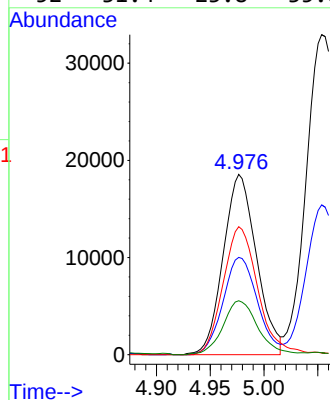
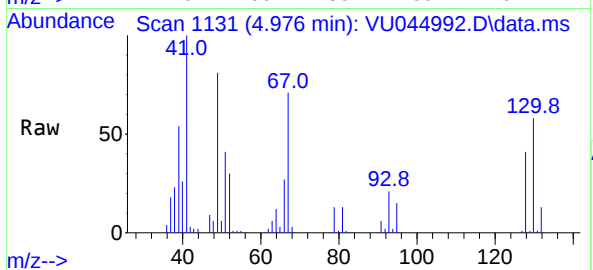
Tgt Ion: 41 Resp: 40007

Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.4	66.6
67	74.7	58.1	87.1
52	31.4	23.8	35.8

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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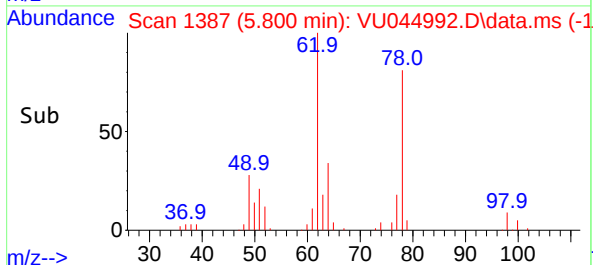
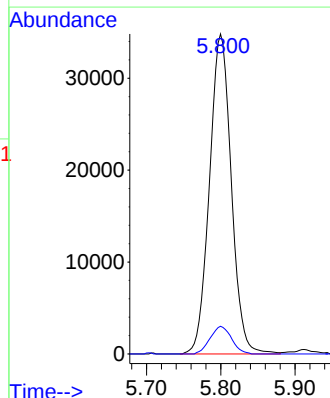
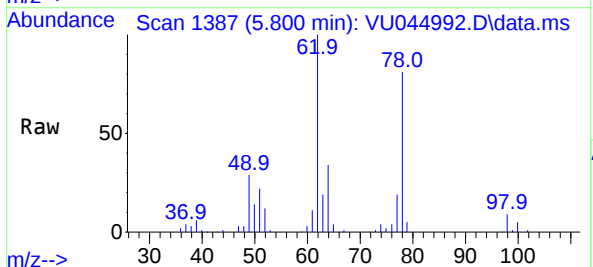
MMDadoda
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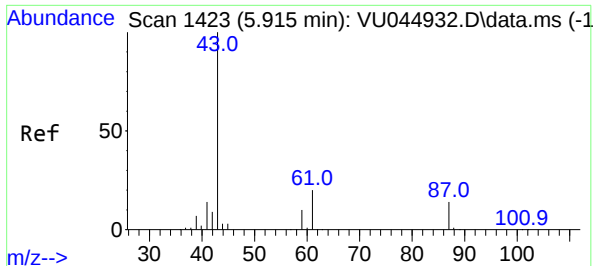


#42
1,2-Dichloroethane
Concen: 20.60 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

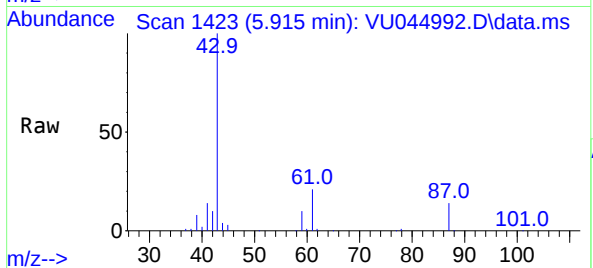
Tgt Ion: 62 Resp: 71090

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

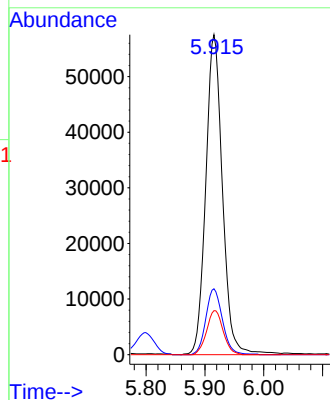
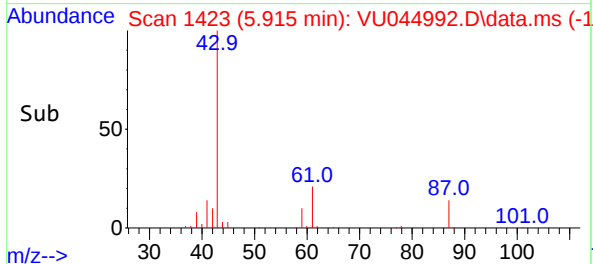




#43
Isopropyl Acetate
Concen: 19.31 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



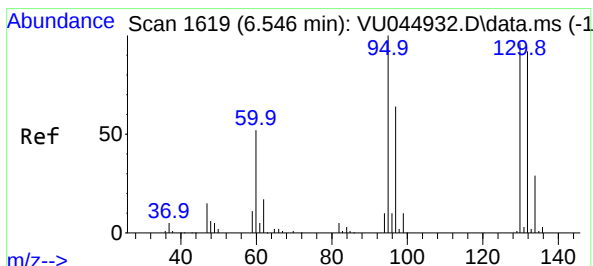
Tgt Ion: 43 Resp: 113336
Ion Ratio Lower Upper
43 100
61 20.5 16.1 24.1
87 13.7 10.3 15.5



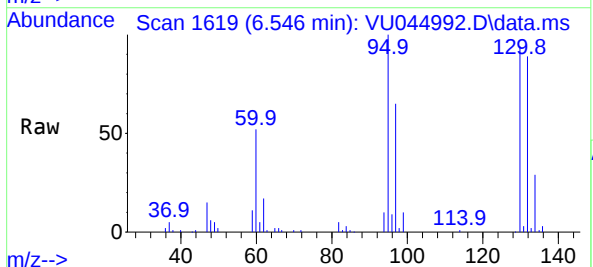
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

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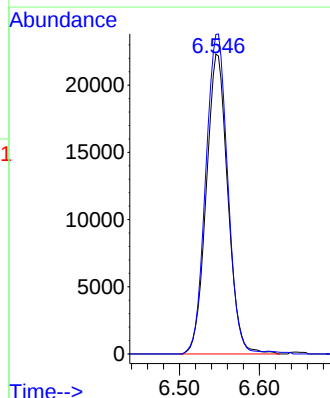
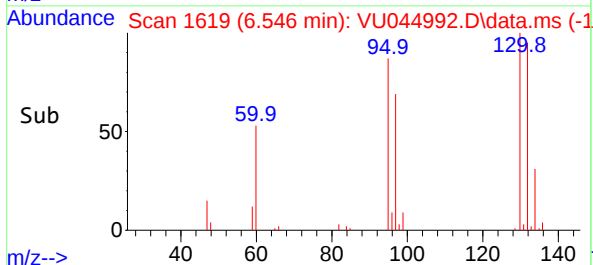
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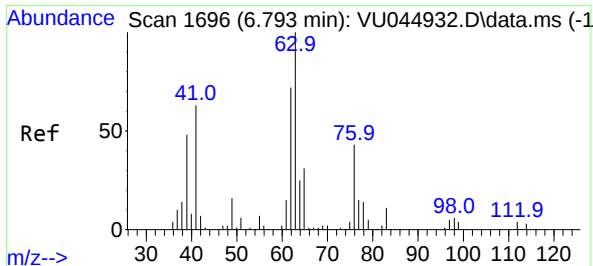


#44
Trichloroethene
Concen: 20.21 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion:130 Resp: 41840
Ion Ratio Lower Upper
130 100
95 106.6 0.0 209.0





#45

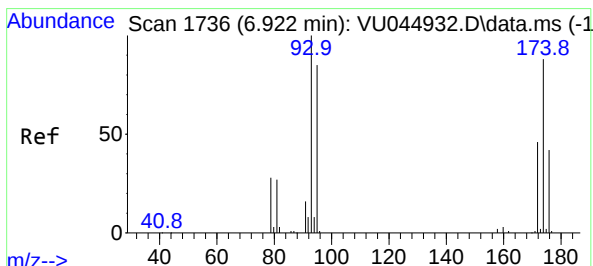
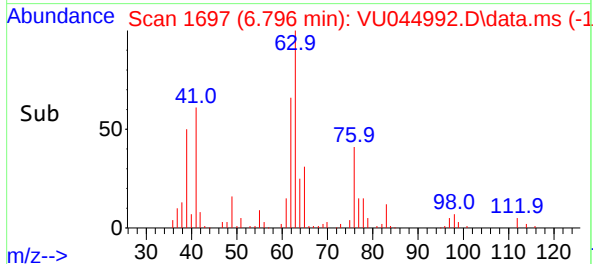
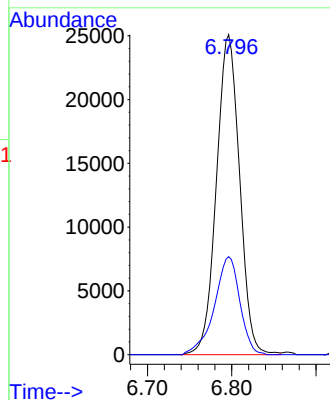
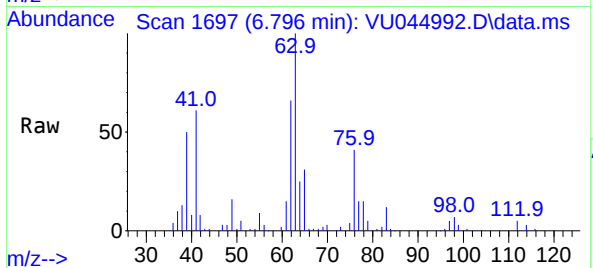
1,2-Dichloropropane
Concen: 20.54 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 63 Resp: 47816
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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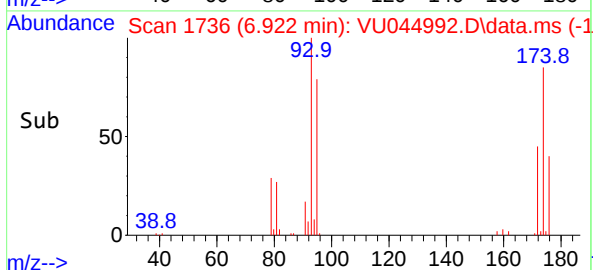
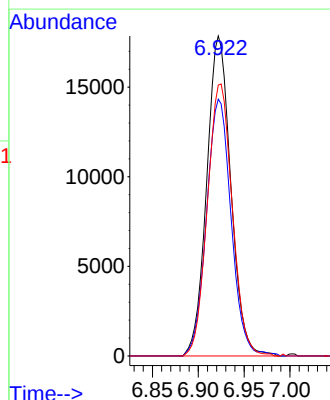
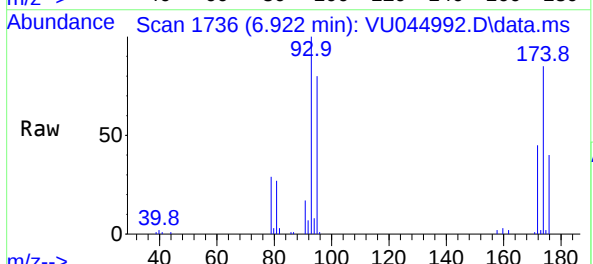
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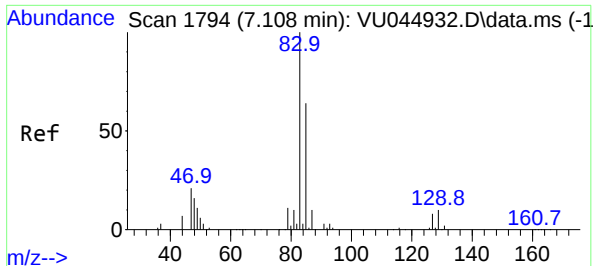


#46

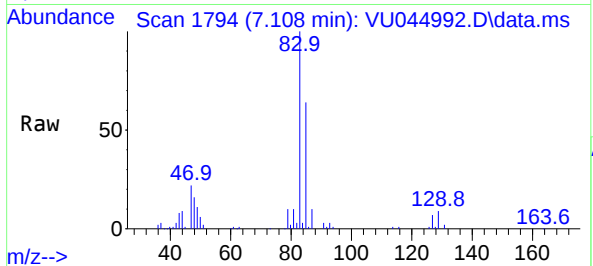
Dibromomethane
Concen: 20.83 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 93 Resp: 32663
Ion Ratio Lower Upper
93 100
95 82.1 65.6 98.4
174 87.8 70.7 106.1

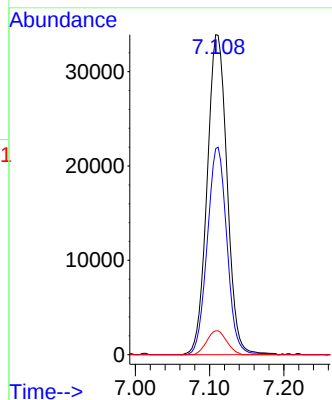
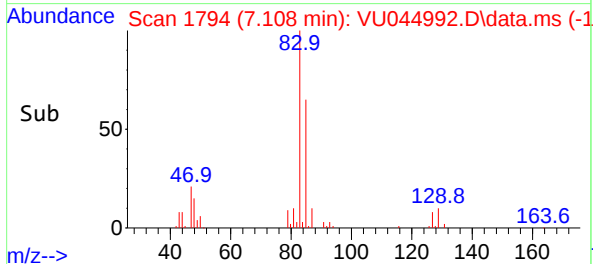




#47
Bromodichloromethane
Concen: 20.77 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



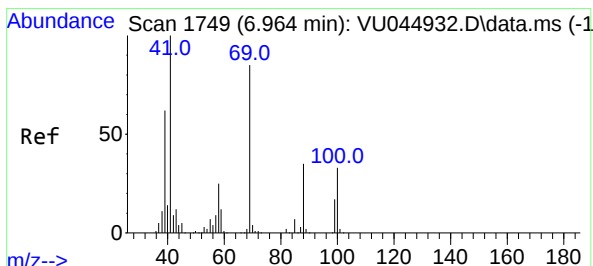
Tgt Ion: 83 Resp: 63227
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4
127 7.5 6.2 9.4



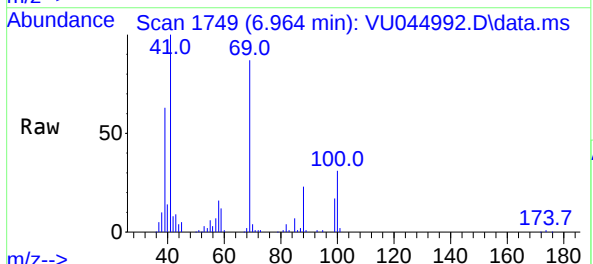
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

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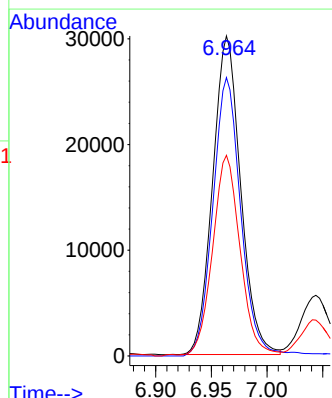
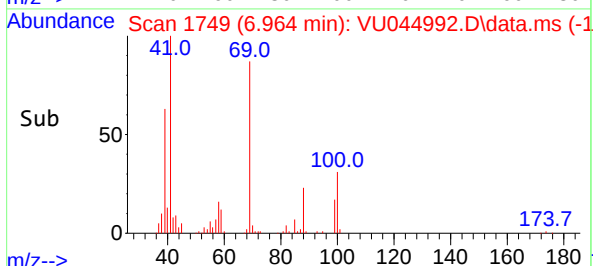
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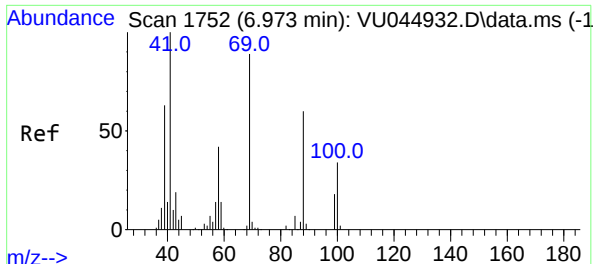


#48
Methyl methacrylate
Concen: 18.43 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion: 41 Resp: 52645
Ion Ratio Lower Upper
41 100
69 86.8 65.6 98.4
39 61.0 46.2 69.4





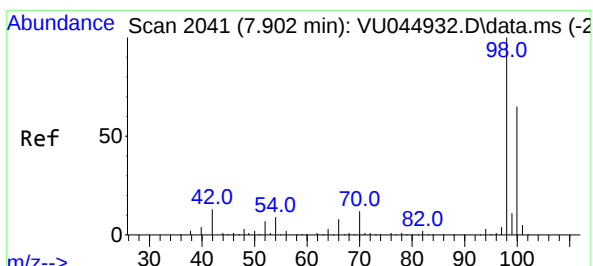
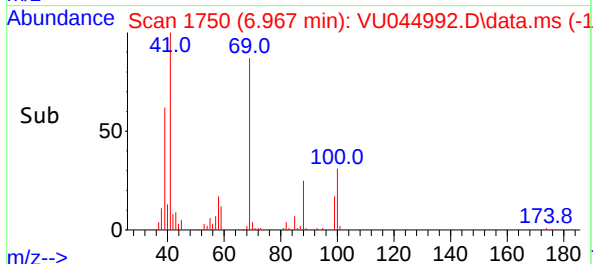
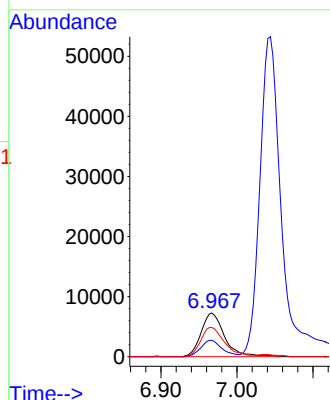
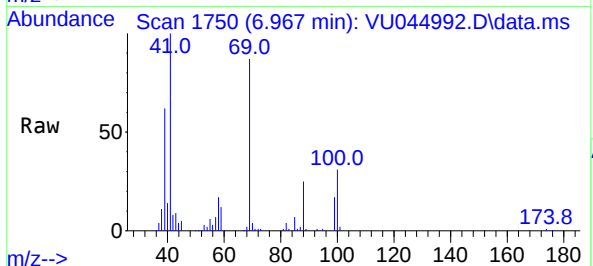
#49
1,4-Dioxane
Concen: 180.44 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 88 Resp: 15523
Ion Ratio Lower Upper
88 100
43 34.2 25.8 38.6
58 68.2 61.3 91.9

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

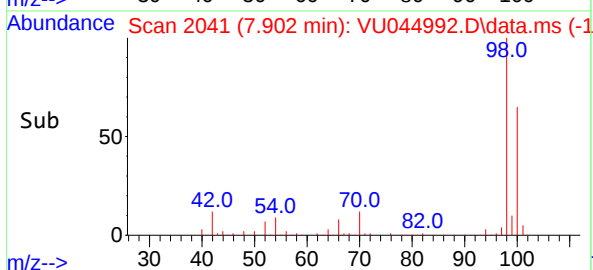
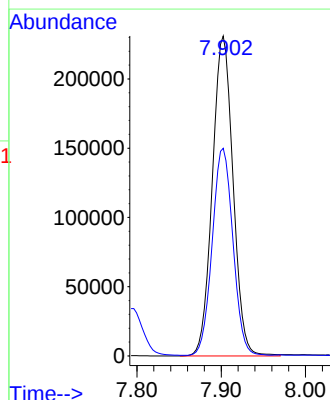
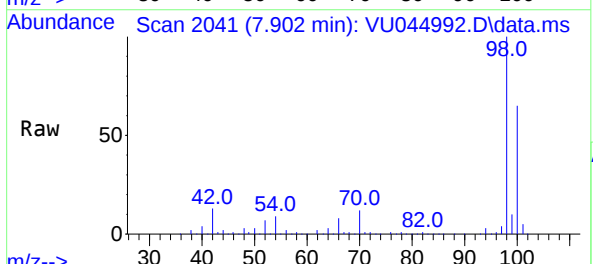
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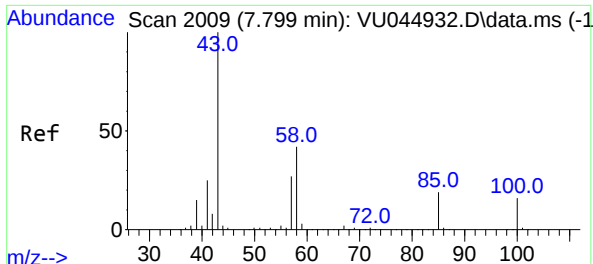
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#50
Toluene-d8
Concen: 56.10 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 98 Resp: 394189
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





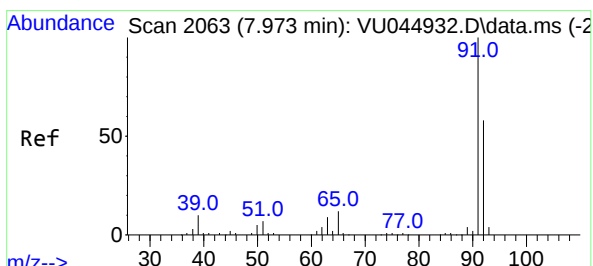
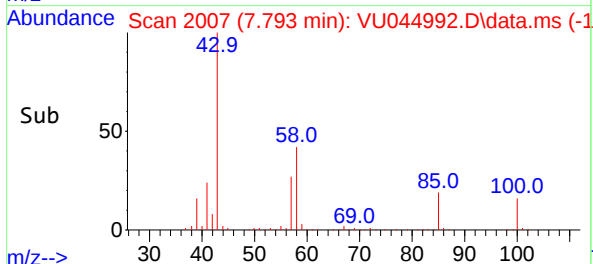
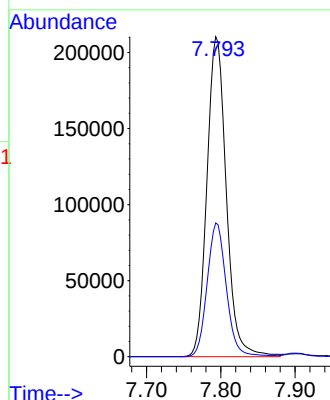
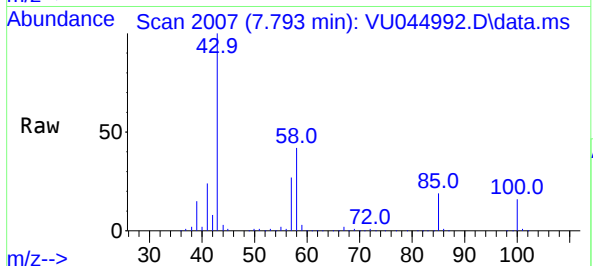
#51
4-Methyl-2-Pentanone
Concen: 89.12 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 43 Resp: 380721
Ion Ratio Lower Upper
43 100
58 41.4 32.4 48.6

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

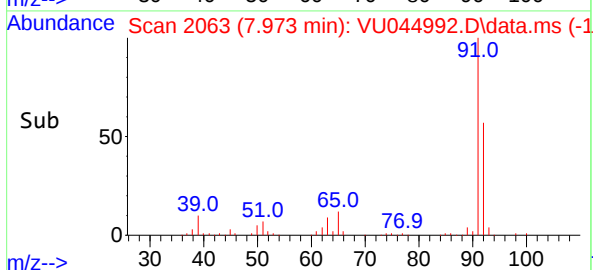
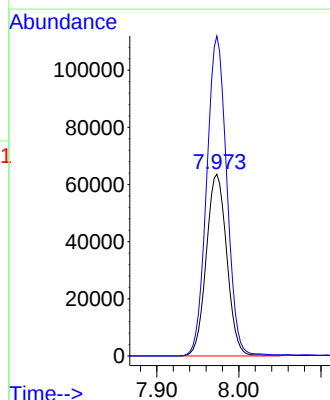
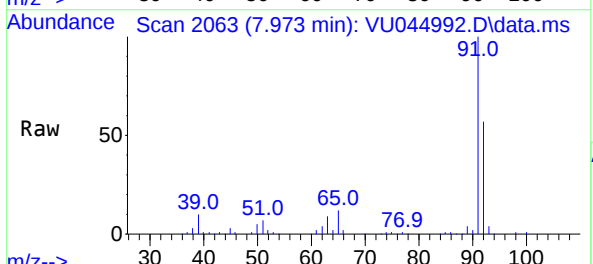
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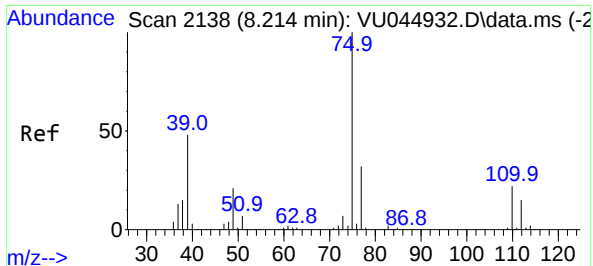
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#52
Toluene
Concen: 20.17 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 92 Resp: 110842
Ion Ratio Lower Upper
92 100
91 172.5 136.9 205.3





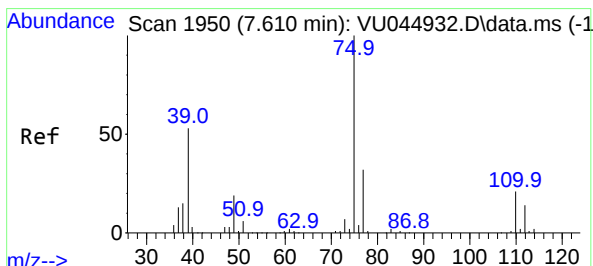
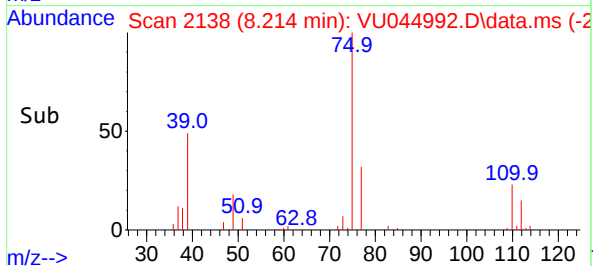
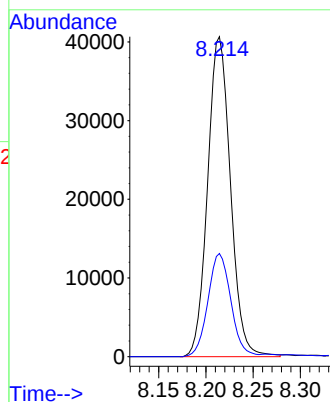
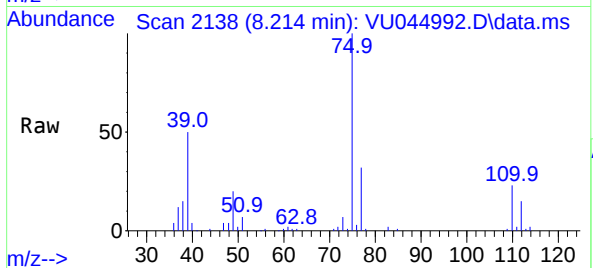
#53
t-1,3-Dichloropropene
Concen: 19.62 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 75 Resp: 68319
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

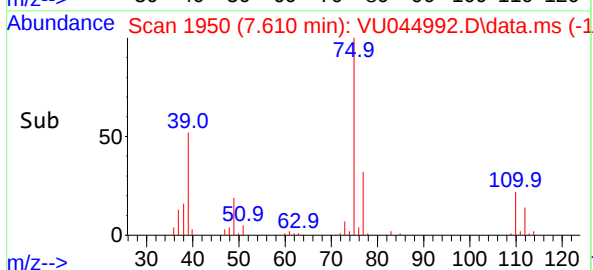
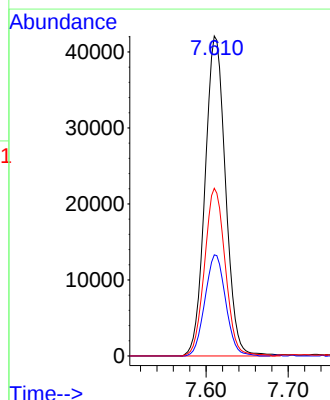
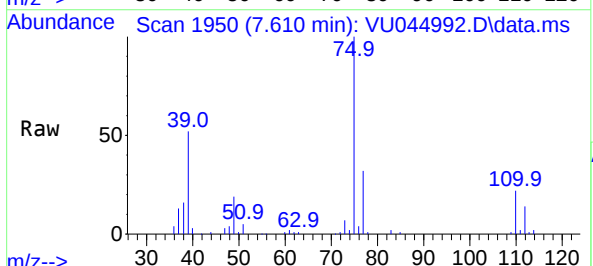
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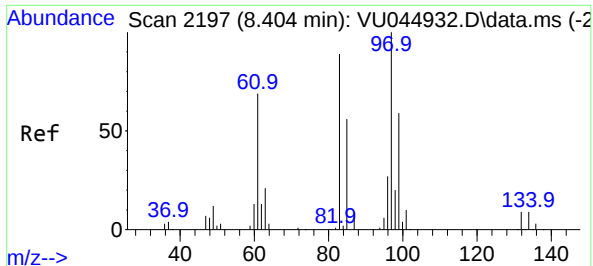
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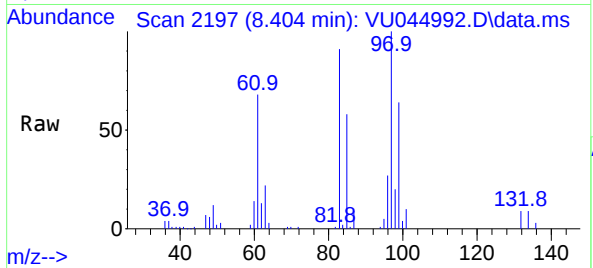
#54
cis-1,3-Dichloropropene
Concen: 20.16 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 75 Resp: 73121
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6
39 52.4 41.4 62.2



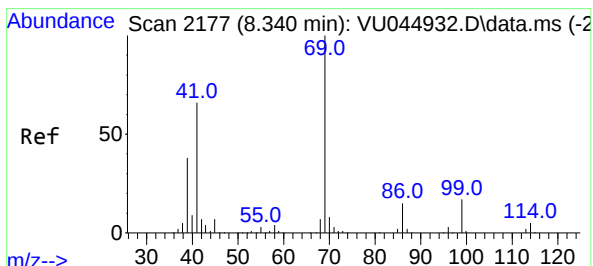
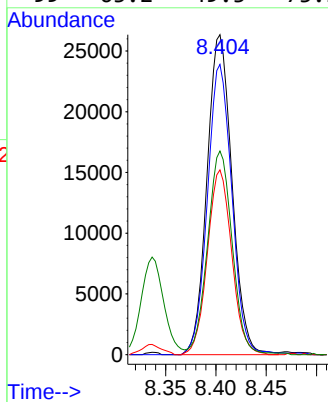
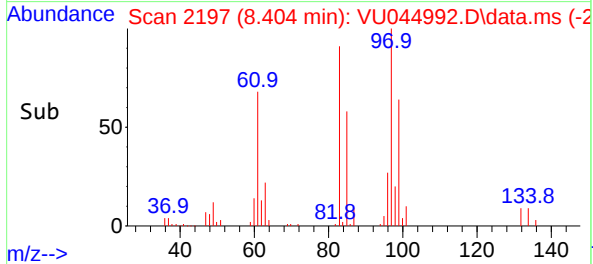


#55
1,1,2-Trichloroethane
Concen: 19.88 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

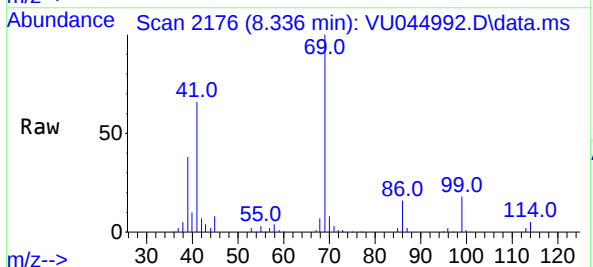


Tgt Ion: 97 Resp: 45528

Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.7	104.5
85	57.7	44.8	67.2
99	63.2	49.3	73.9

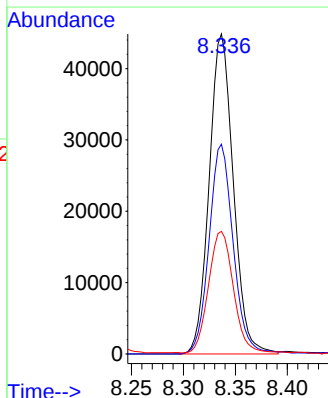
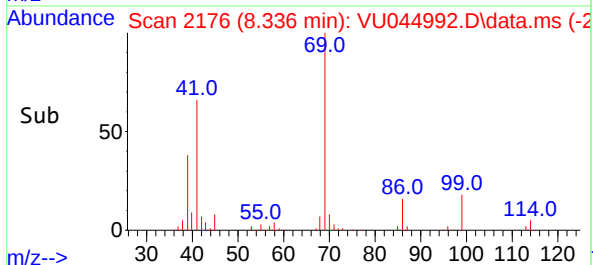


#56
Ethyl methacrylate
Concen: 17.53 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.004 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion: 69 Resp: 72475

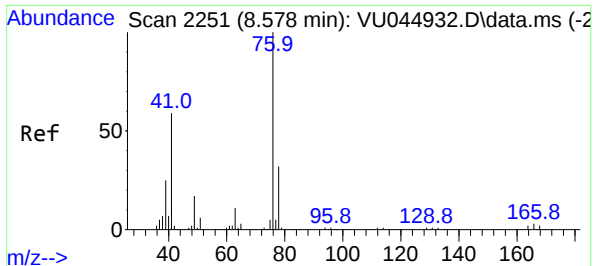
Ion	Ratio	Lower	Upper
69	100		
41	65.7	53.5	80.3
39	39.0	31.1	46.7



Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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#57

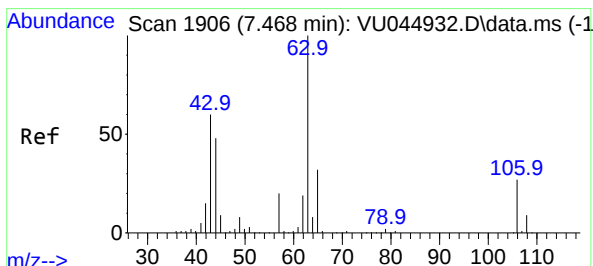
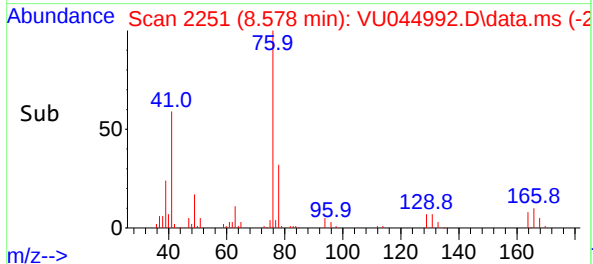
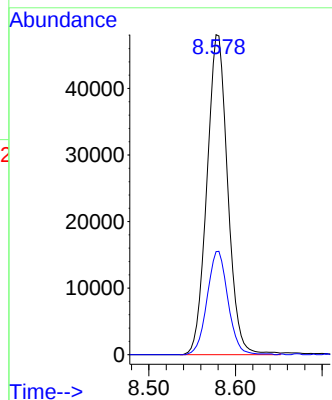
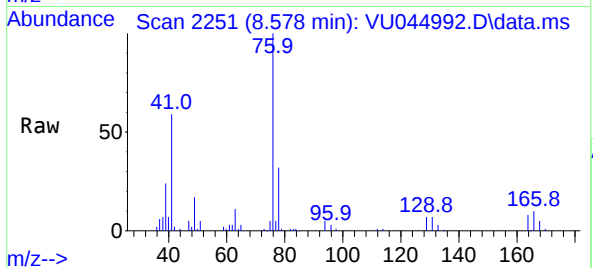
1,3-Dichloropropane
Concen: 19.63 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 76 Resp: 80211
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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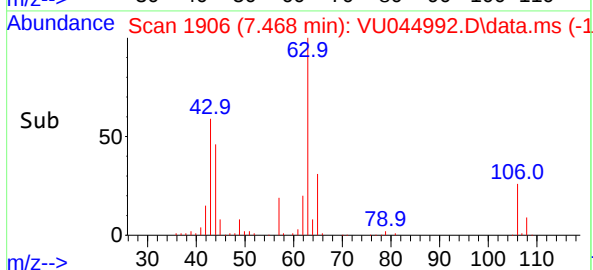
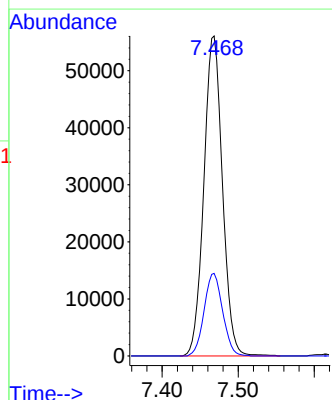
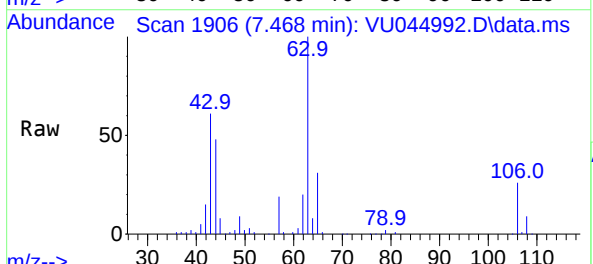
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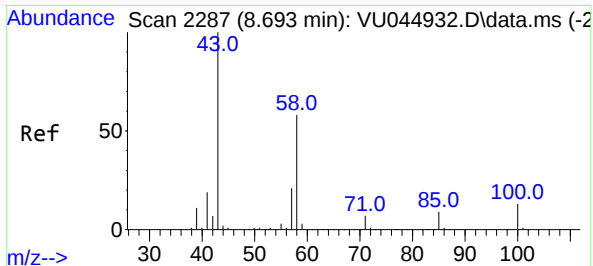


#58

2-Chloroethyl Vinyl ether
Concen: 82.98 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 63 Resp: 95155
Ion Ratio Lower Upper
63 100
106 25.7 20.5 30.7





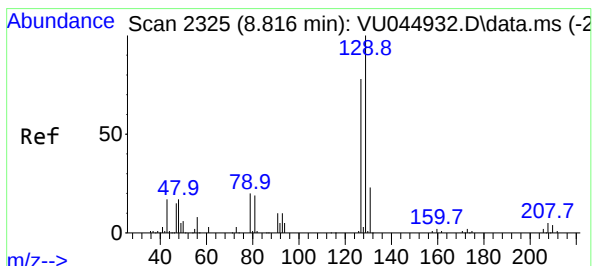
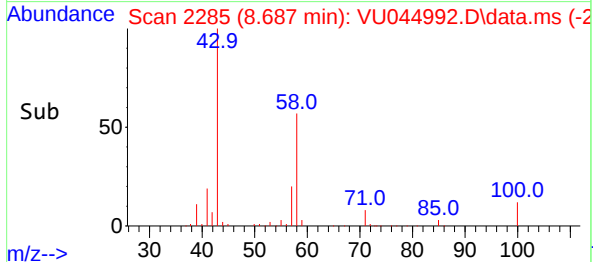
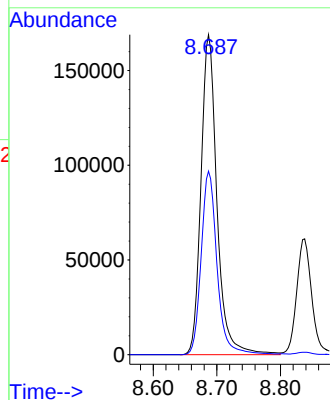
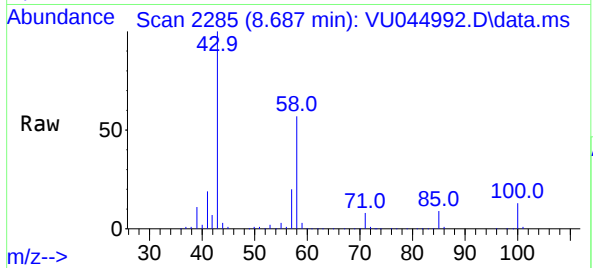
#59
2-Hexanone
Concen: 84.71 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 43 Resp: 294694
Ion Ratio Lower Upper
43 100
58 57.0 28.0 84.0

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

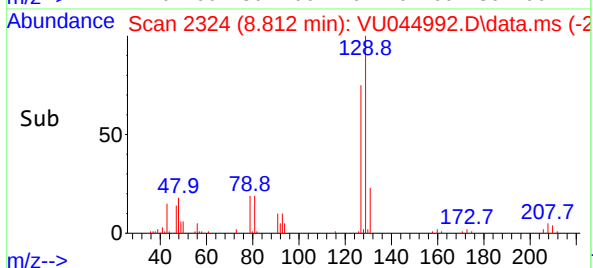
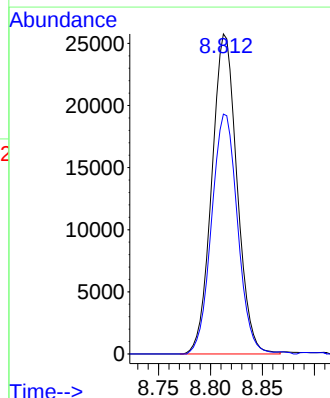
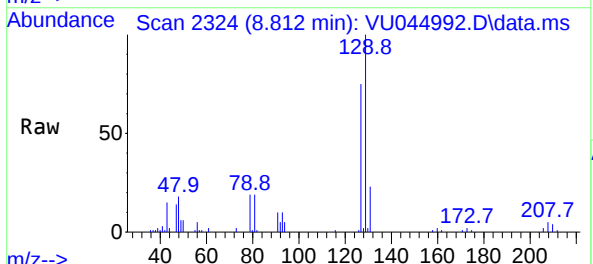
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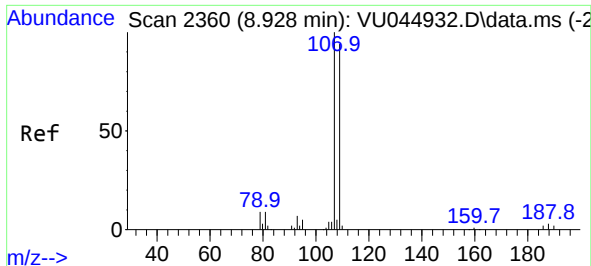
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#60
Dibromochloromethane
Concen: 19.34 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.004 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 129 Resp: 43570
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





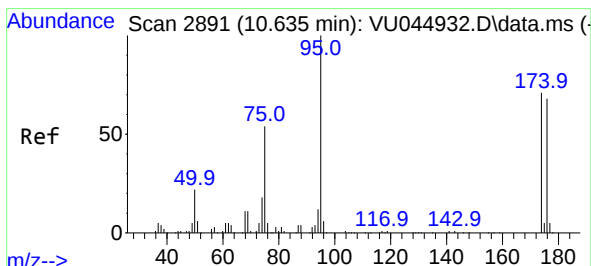
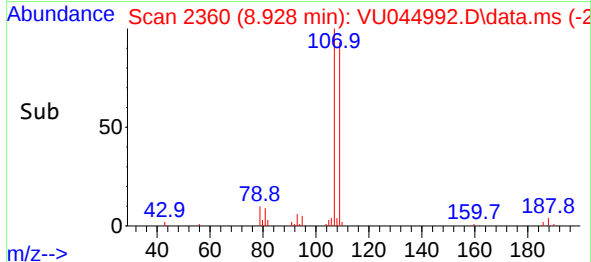
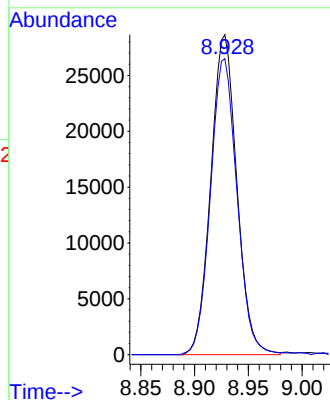
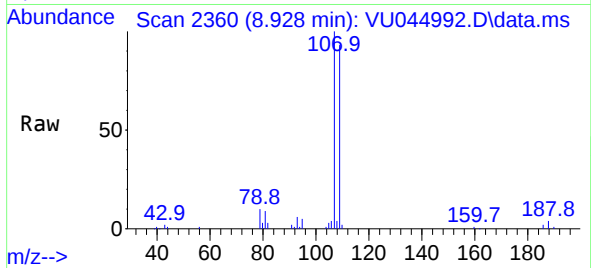
#61
1,2-Dibromoethane
Concen: 19.84 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 107 Resp: 48276
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

Instrument :
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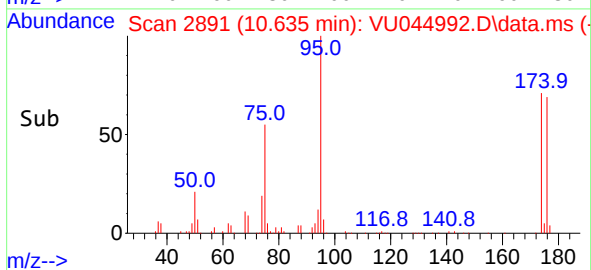
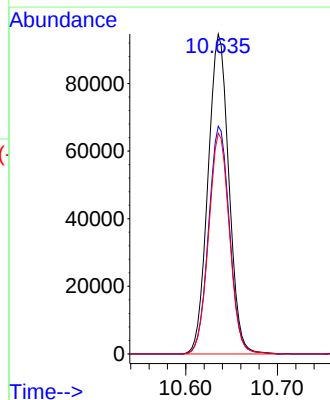
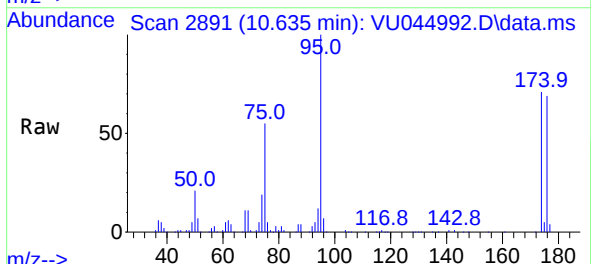
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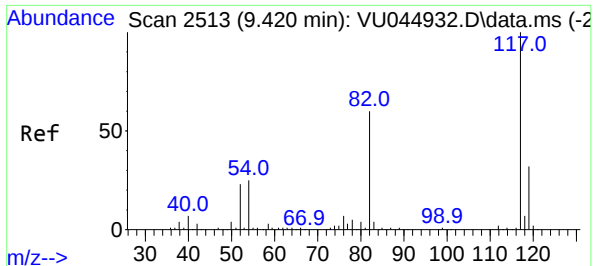
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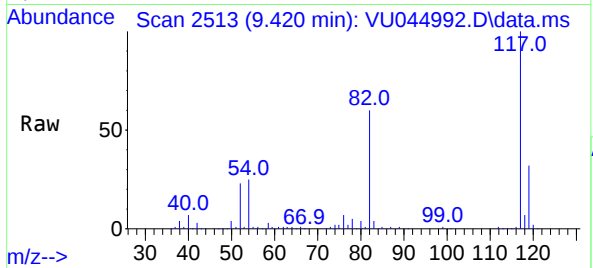
#62
4-Bromofluorobenzene
Concen: 51.50 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 95 Resp: 149379
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.7 0.0 141.2

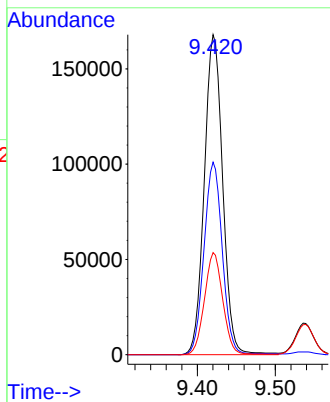
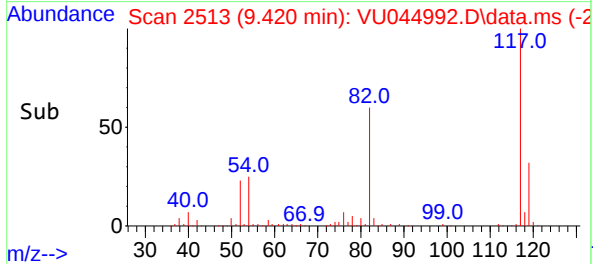




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



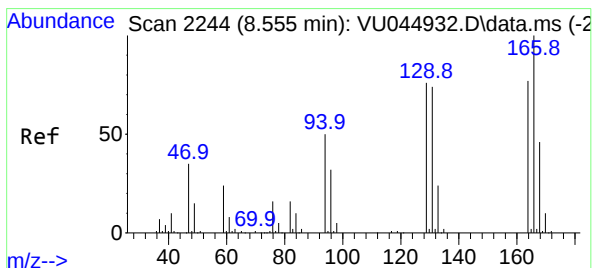
Tgt Ion:117 Resp: 275358
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.9 25.8 38.6



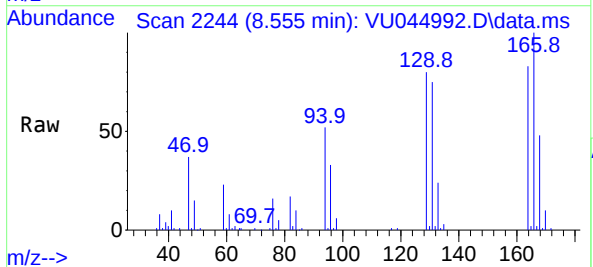
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

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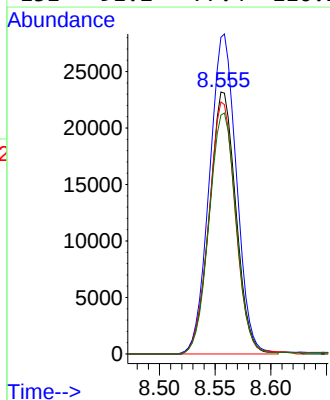
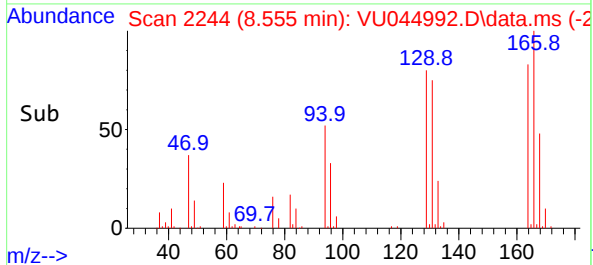
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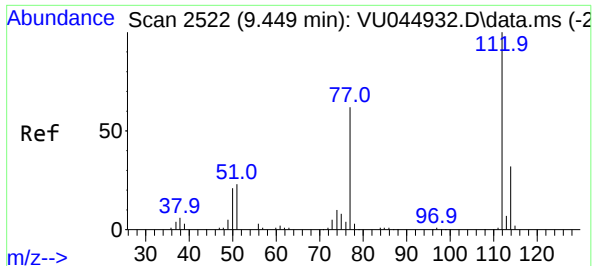


#64
Tetrachloroethene
Concen: 21.40 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion:164 Resp: 38462
Ion Ratio Lower Upper
164 100
166 120.9 102.8 154.2
129 96.2 79.4 119.2
131 91.2 77.4 116.2





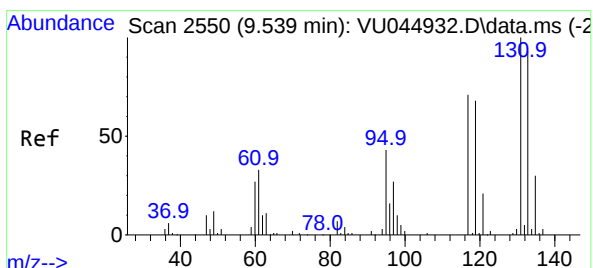
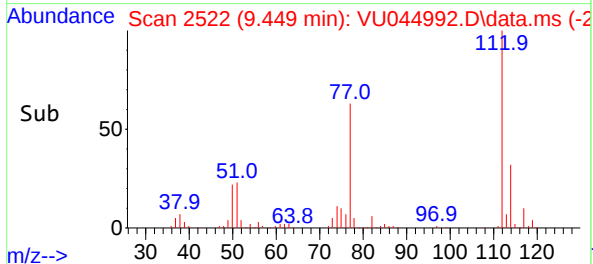
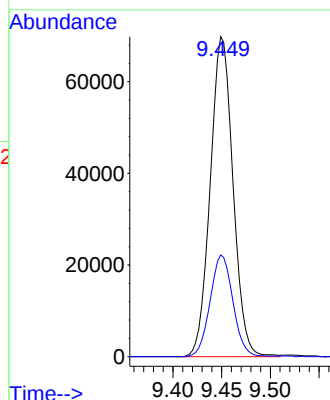
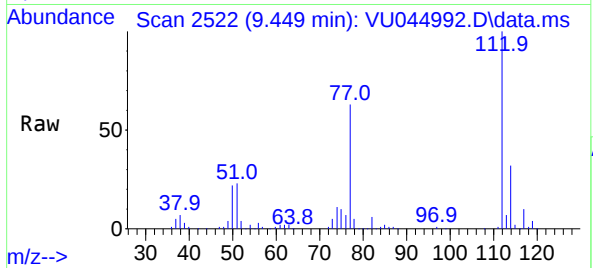
#65
Chlorobenzene
Concen: 19.66 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

Tgt Ion:112 Resp: 113527
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

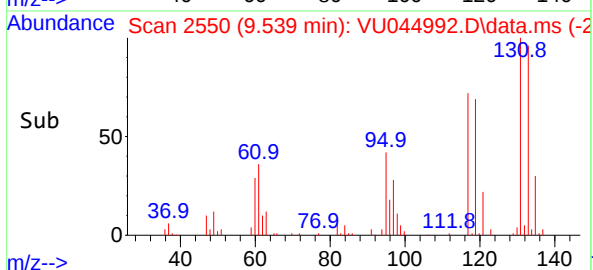
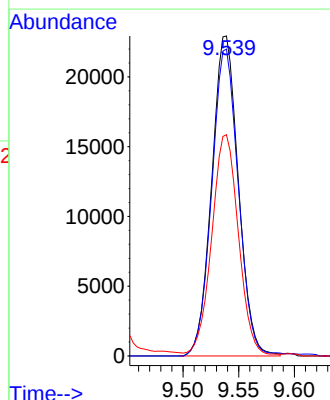
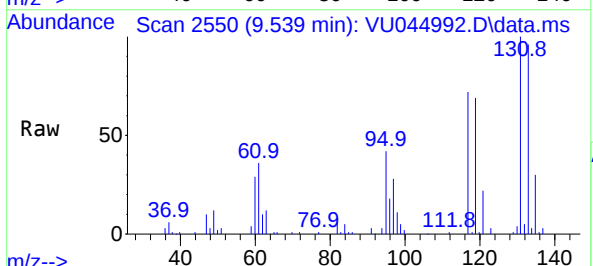
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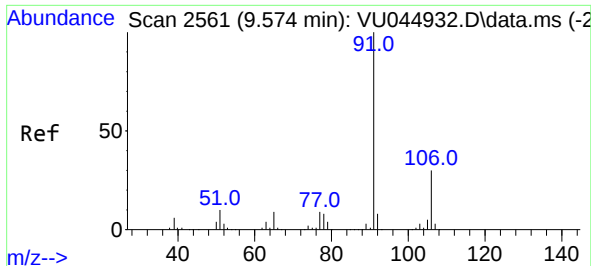
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.93 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:131 Resp: 38156
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 68.4 34.1 102.3





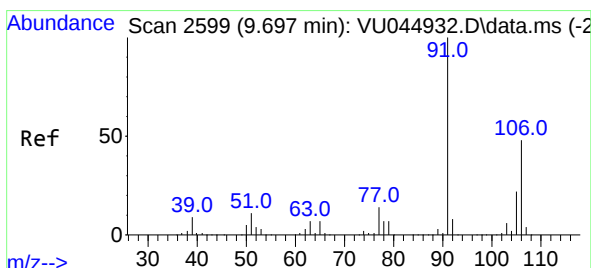
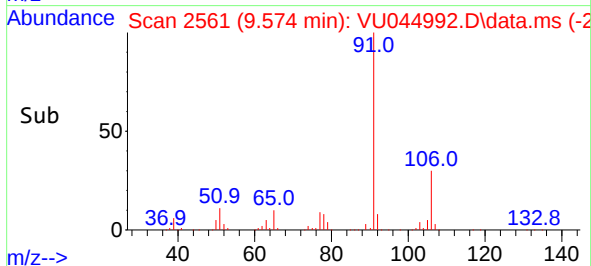
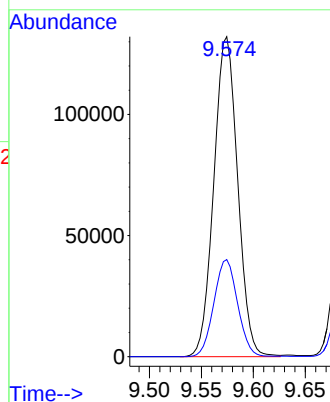
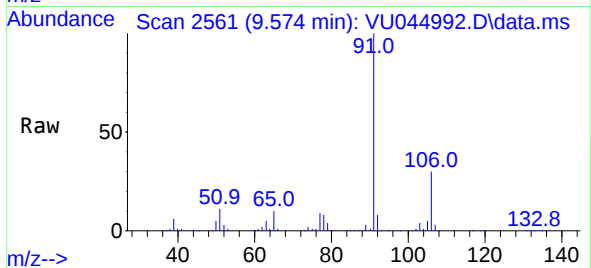
#67
Ethyl Benzene
Concen: 19.87 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 91 Resp: 211056
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

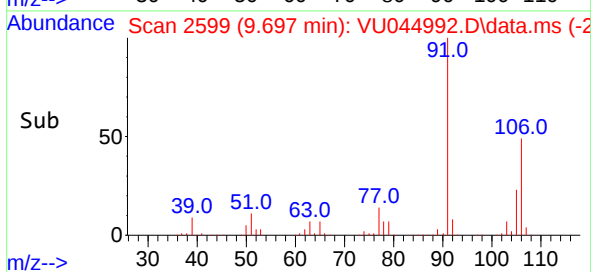
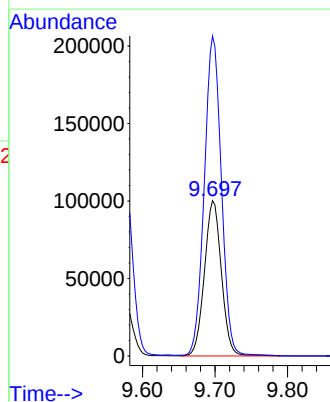
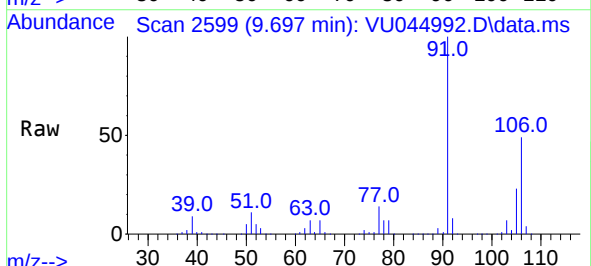
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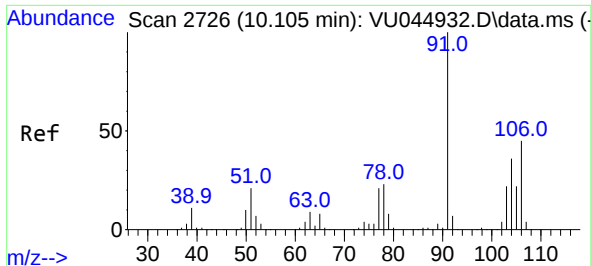
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#68
m/p-Xylenes
Concen: 39.50 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 106 Resp: 163008
Ion Ratio Lower Upper
106 100
91 207.5 164.2 246.2





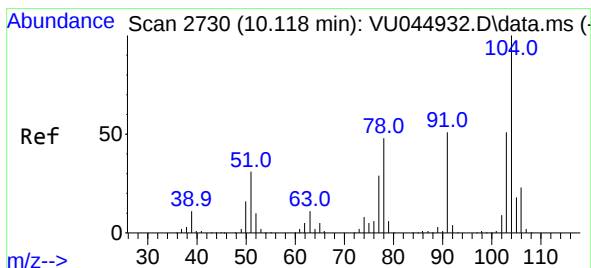
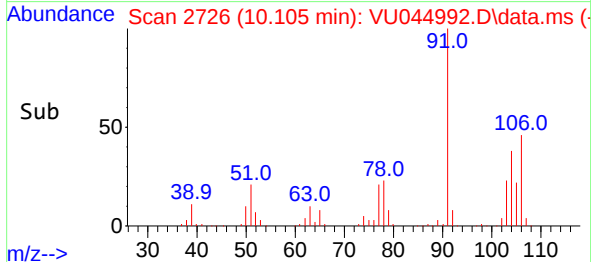
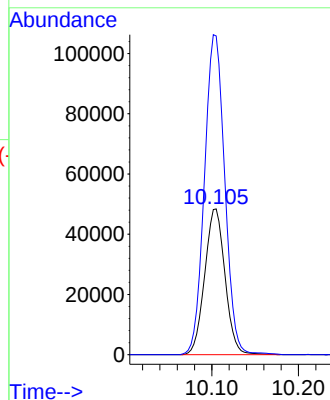
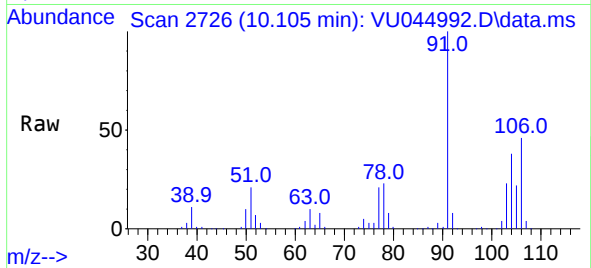
#69
o-Xylene
Concen: 19.25 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:106 Resp: 78833
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.7

Instrument :
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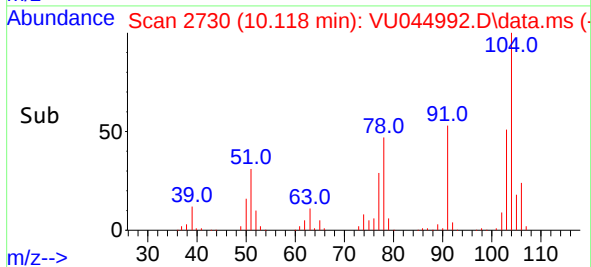
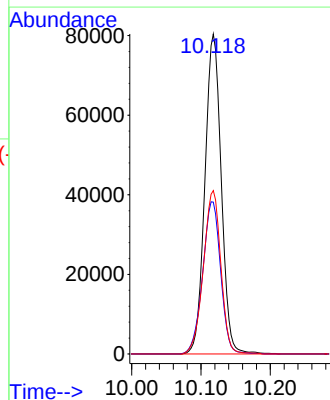
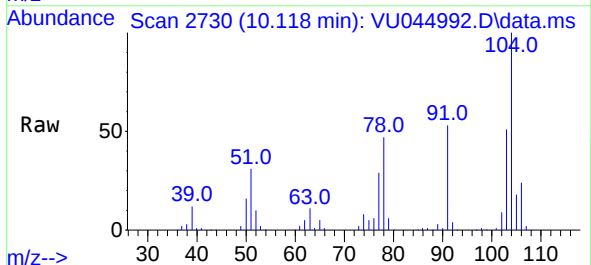
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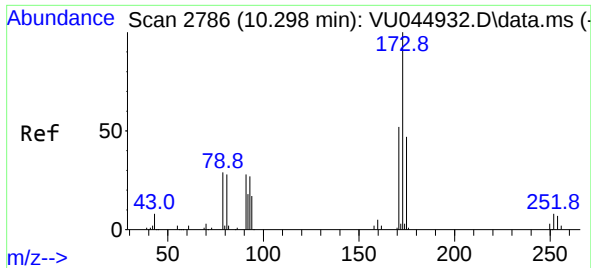
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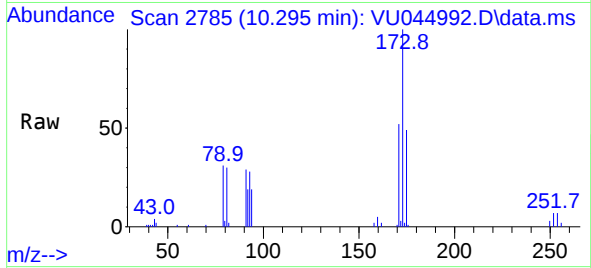
#70
Styrene
Concen: 19.15 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:104 Resp: 131623
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 54.4 43.5 65.3

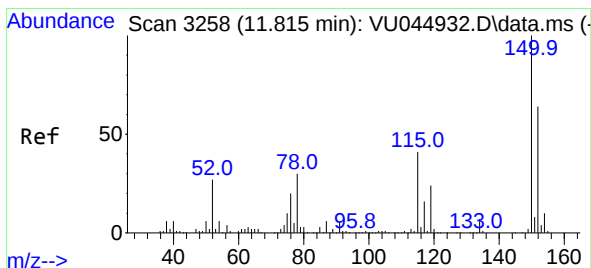
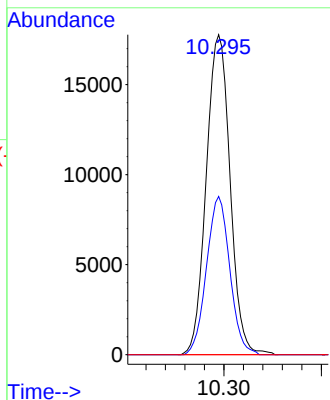
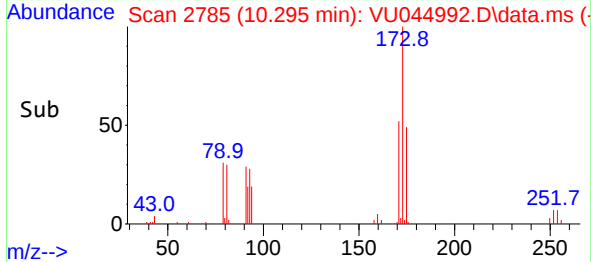




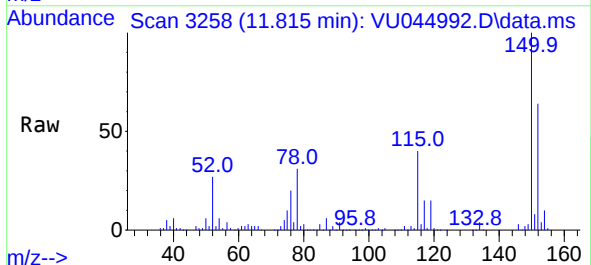
#71
Bromoform
Concen: 16.38 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



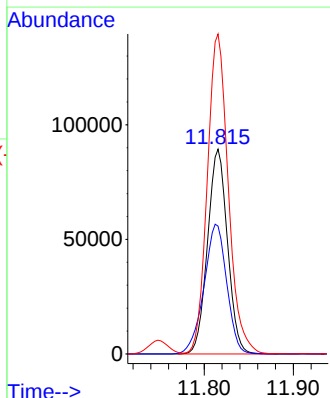
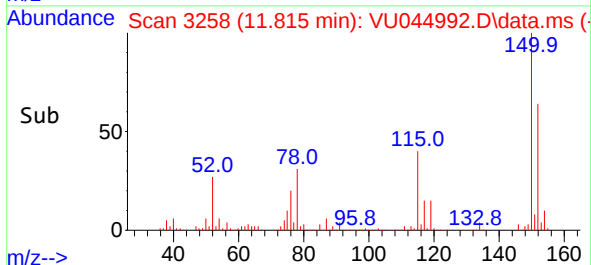
Tgt Ion:173 Resp: 30161
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



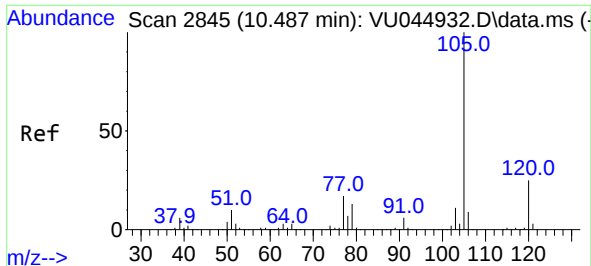
Tgt Ion:152 Resp: 138961
Ion Ratio Lower Upper
152 100
115 72.1 43.5 130.7
150 164.4 0.0 350.0



Instrument :
MSVOA_U
ClientSampleId :
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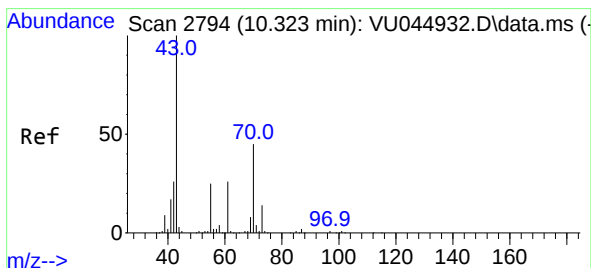
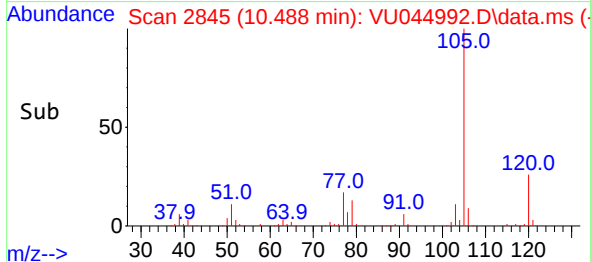
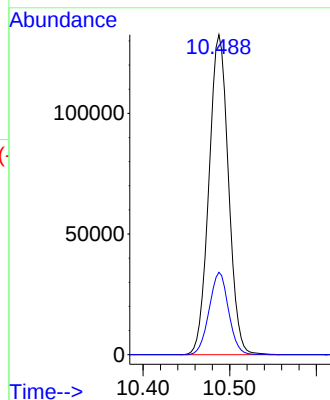
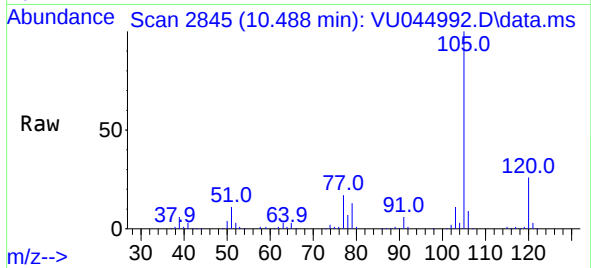
#73
Isopropylbenzene
Concen: 20.05 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 207449
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

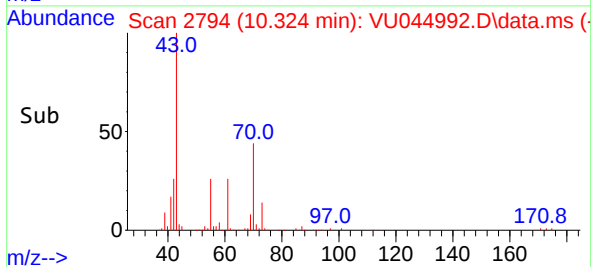
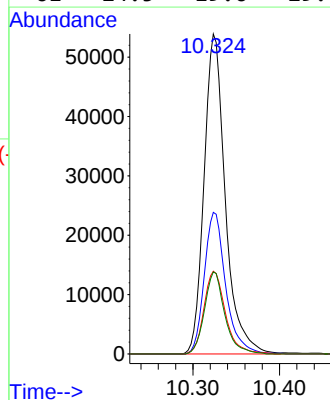
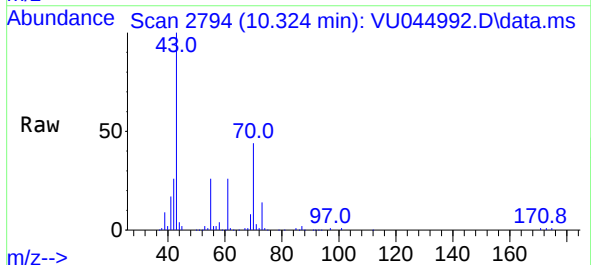
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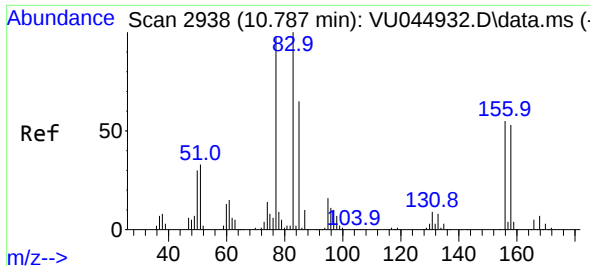
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#74
N-ethyl acetate
Concen: 17.61 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 43 Resp: 91774
Ion Ratio Lower Upper
43 100
70 44.7 35.1 52.7
55 26.2 20.5 30.7
61 24.5 19.6 29.4





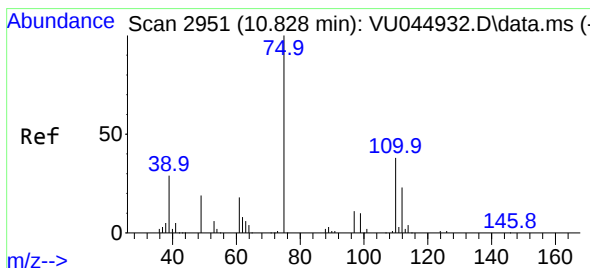
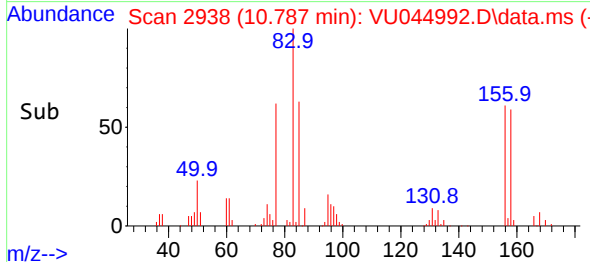
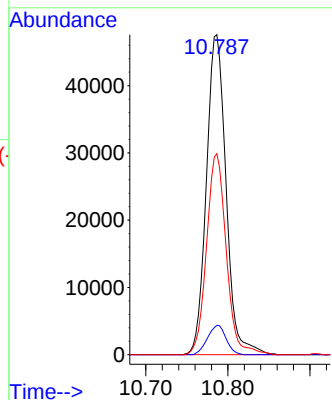
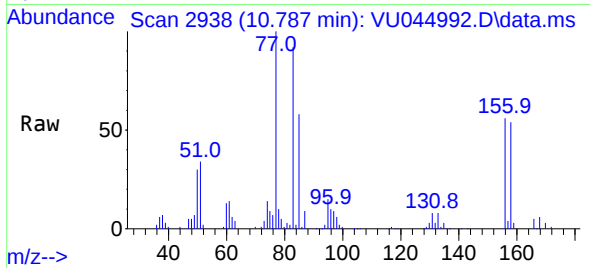
#75
1,1,2,2-Tetrachloroethane
Concen: 17.71 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 83 Resp: 79319
Ion Ratio Lower Upper
83 100
131 8.6 4.3 13.1
85 62.9 31.9 95.5

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

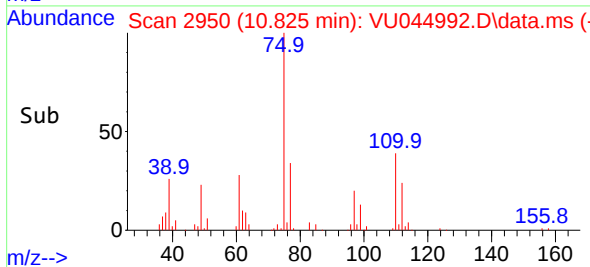
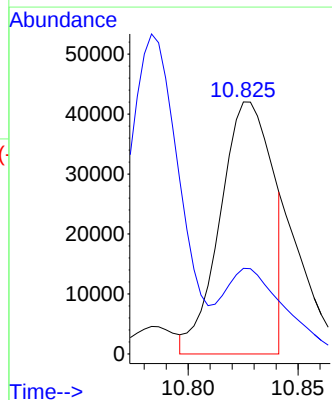
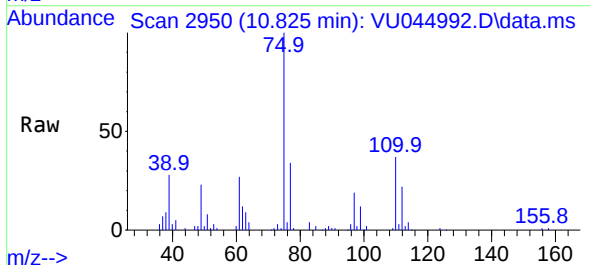
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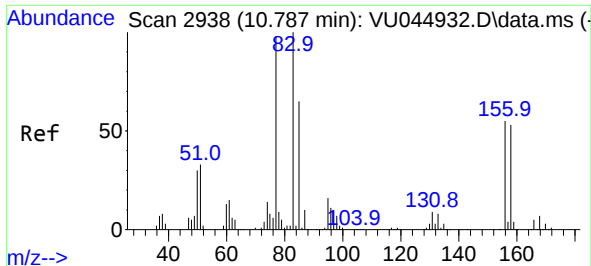
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#76
1,2,3-Trichloropropane
Concen: 17.13 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 75 Resp: 69415
Ion Ratio Lower Upper
75 100
77 38.9 17.9 53.7





#77
Bromobenzene
Concen: 19.18 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

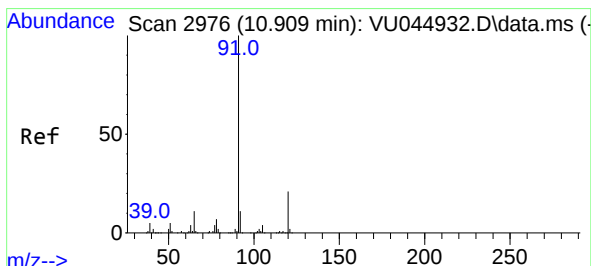
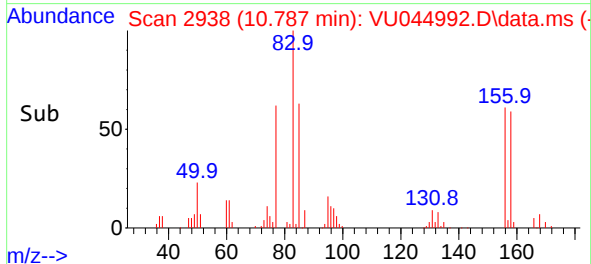
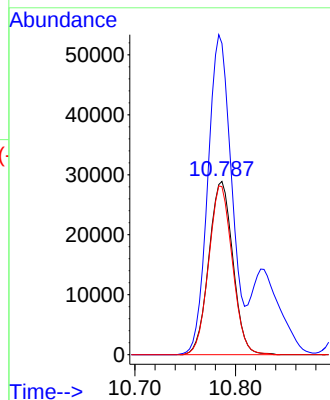
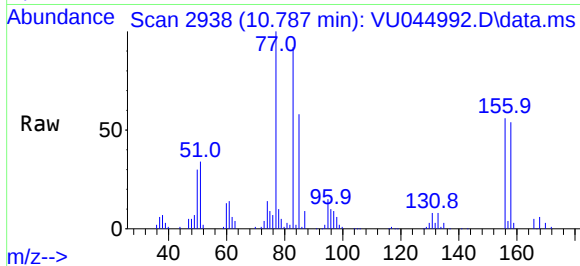
Tgt Ion:156 Resp: 47933

Ion	Ratio	Lower	Upper
156	100		
77	181.8	91.1	273.4
158	96.2	48.2	144.6

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

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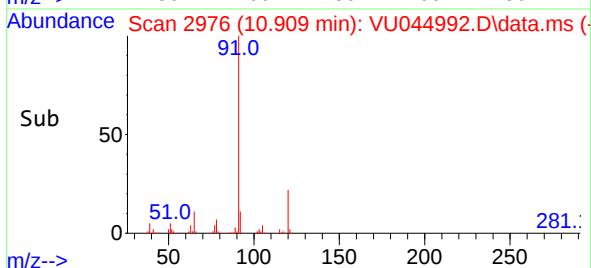
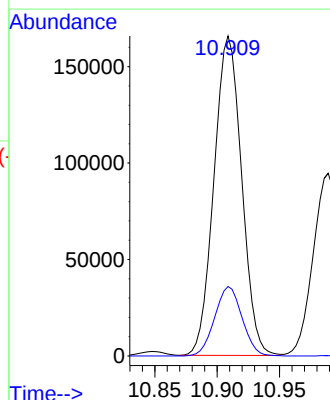
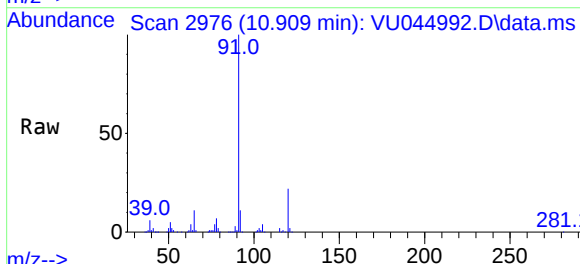
MMDadoda
9/30/2021 12:01:33 PM

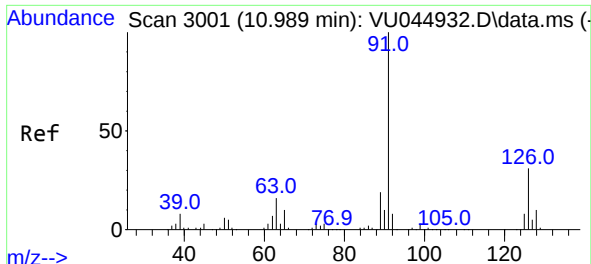


#78
n-propylbenzene
Concen: 20.28 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 91 Resp: 255753

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4





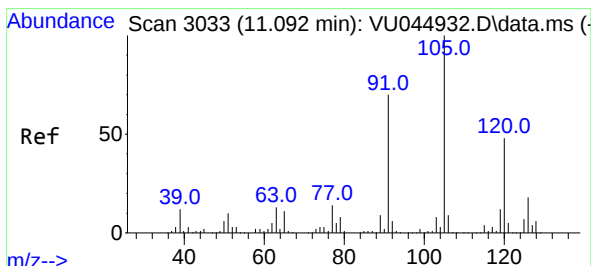
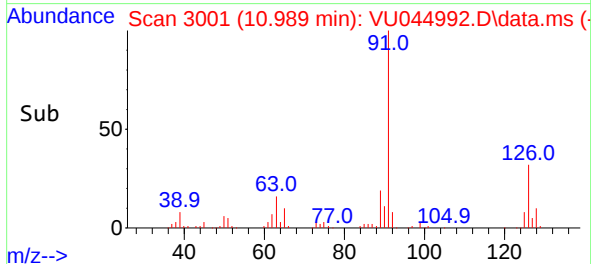
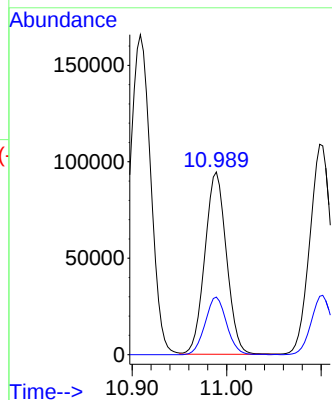
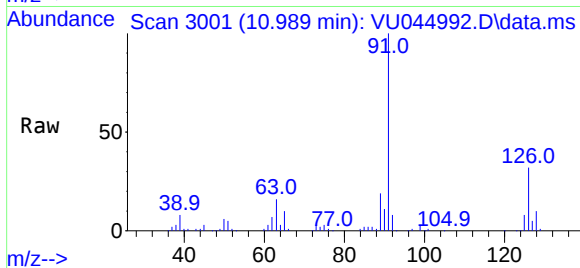
#79
2-Chlorotoluene
Concen: 18.98 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 91 Resp: 150027
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.0

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

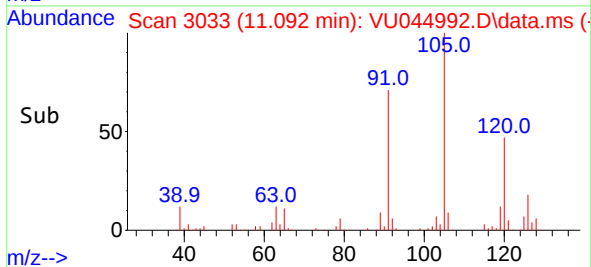
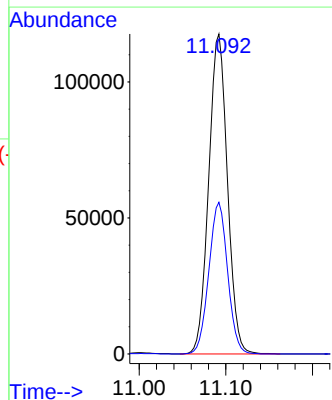
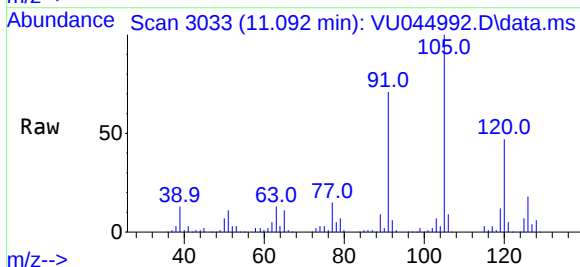
Manual Integrations
APPROVED

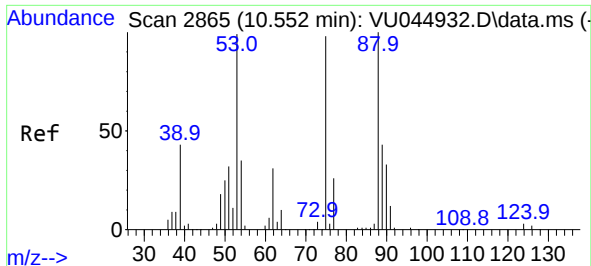
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#80
1,3,5-Trimethylbenzene
Concen: 19.48 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

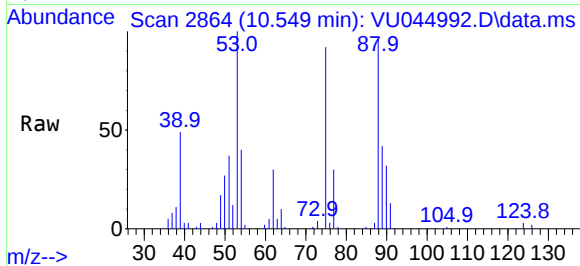
Tgt Ion:105 Resp: 176567
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 15.56 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

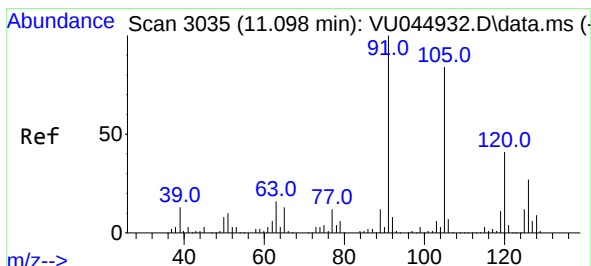
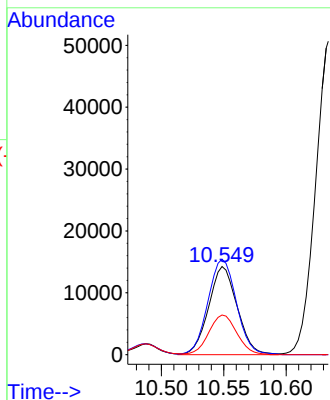
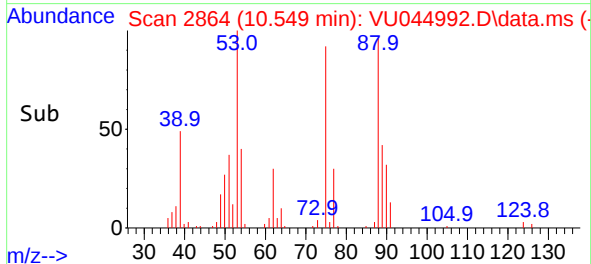
Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01



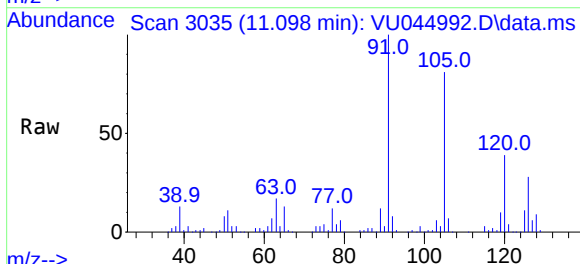
Tgt Ion: 75 Resp: 22724
Ion Ratio Lower Upper
75 100
53 108.0 82.0 123.0
89 44.3 34.2 51.4

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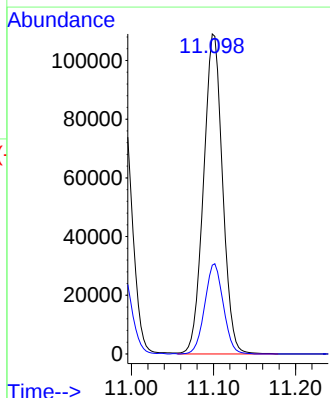
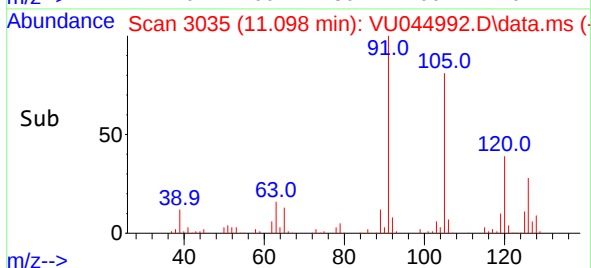
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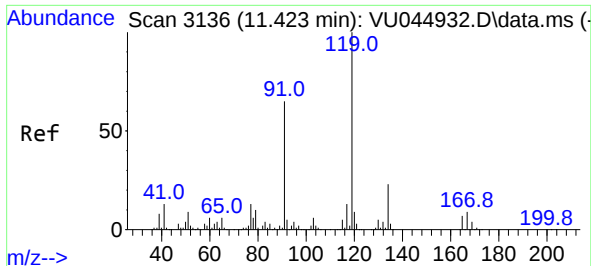


#82
4-Chlorotoluene
Concen: 19.64 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



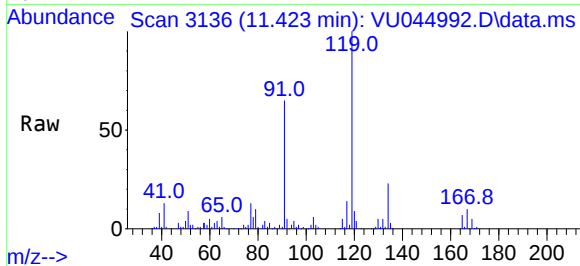
Tgt Ion: 91 Resp: 175453
Ion Ratio Lower Upper
91 100
126 27.5 13.8 41.4





#83
tert-Butylbenzene
Concen: 18.82 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

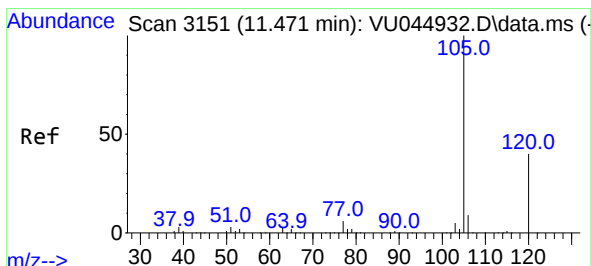
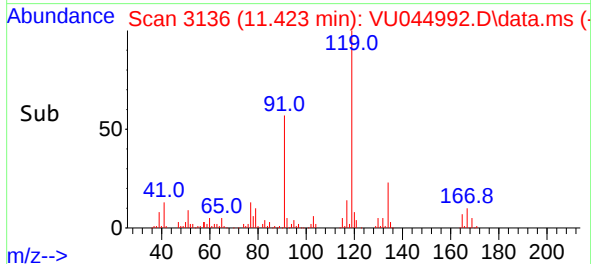
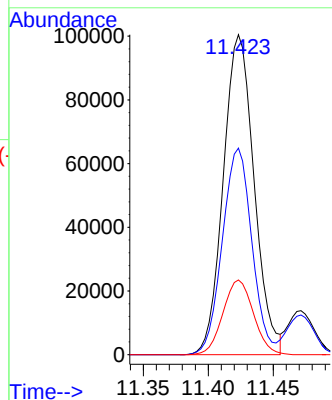
Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01



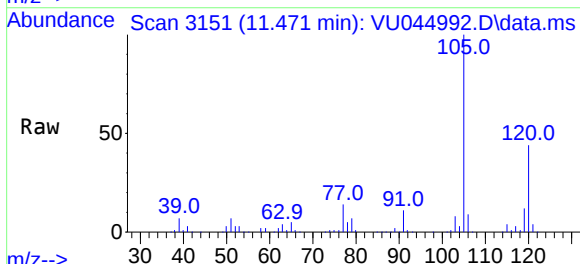
Tgt Ion:119 Resp: 165981
Ion Ratio Lower Upper
119 100
91 61.9 30.4 91.2
134 23.1 11.5 34.5

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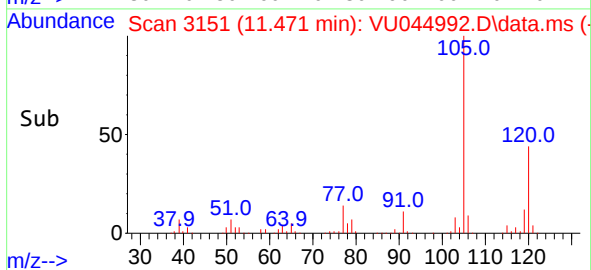
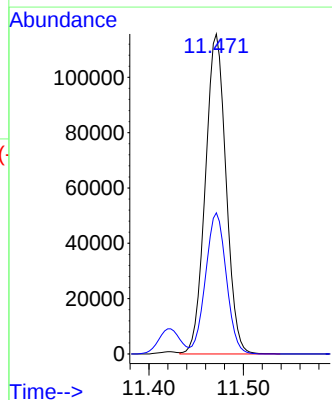
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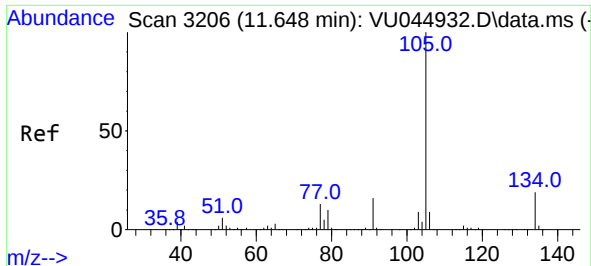


#84
1,2,4-Trimethylbenzene
Concen: 19.56 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion:105 Resp: 175465
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3





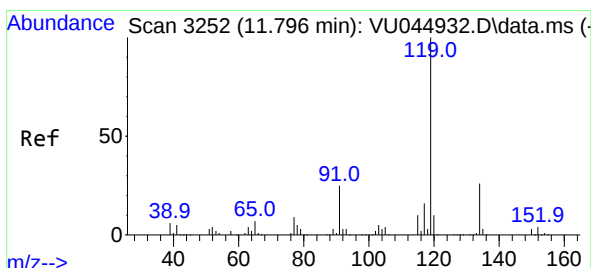
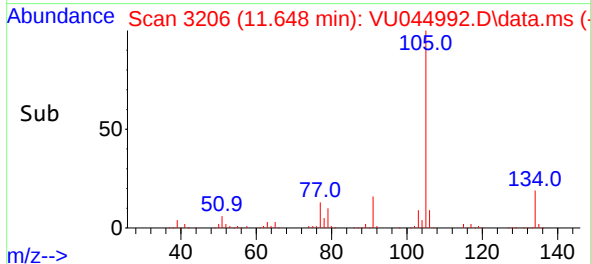
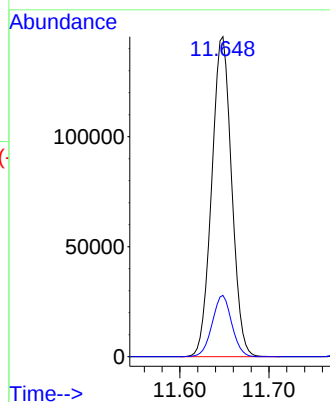
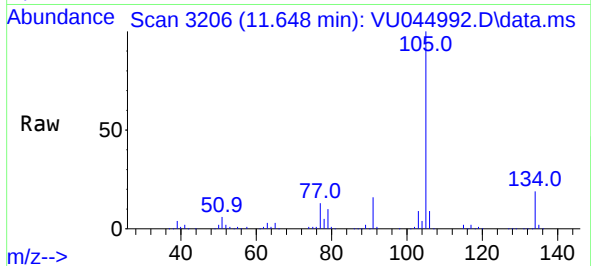
#85
sec-Butylbenzene
Concen: 19.86 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

Tgt Ion:105 Resp: 225554
Ion Ratio Lower Upper
105 100
134 18.8 9.3 28.0

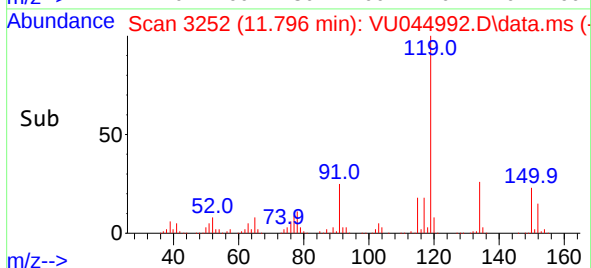
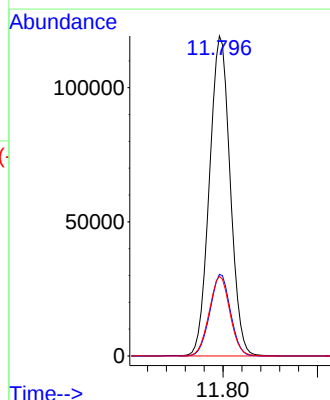
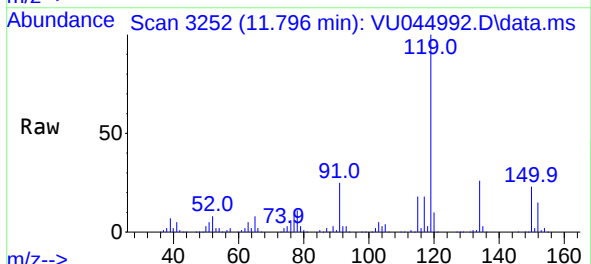
Manual Integrations
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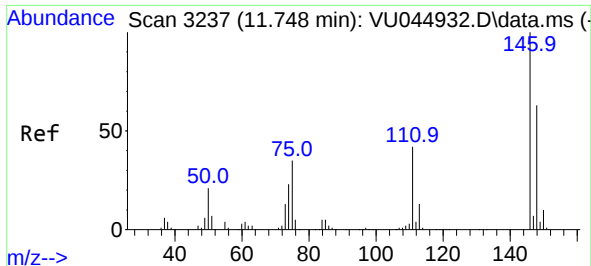
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#86
p-Isopropyltoluene
Concen: 19.86 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:119 Resp: 181414
Ion Ratio Lower Upper
119 100
134 25.1 12.8 38.3
91 25.0 12.2 36.6





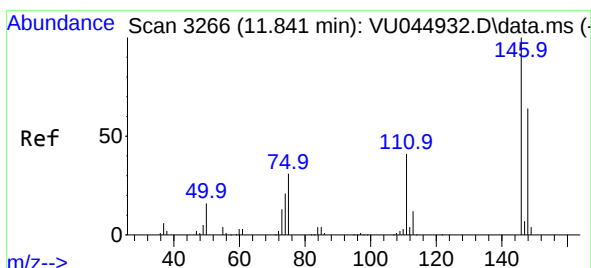
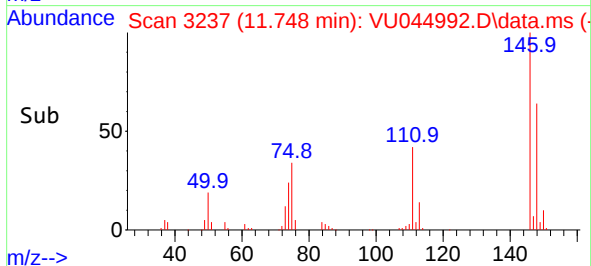
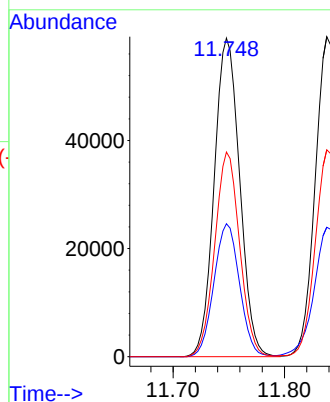
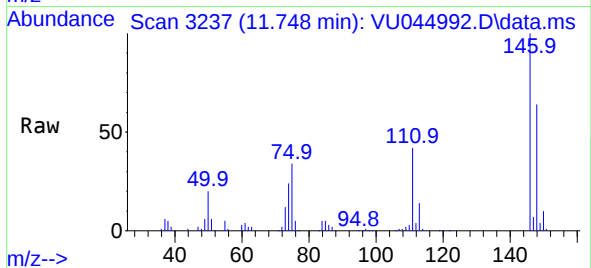
#87
1,3-Dichlorobenzene
Concen: 19.57 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:146 Resp: 93634
Ion Ratio Lower Upper
146 100
111 41.9 21.2 63.6
148 62.9 32.1 96.3

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

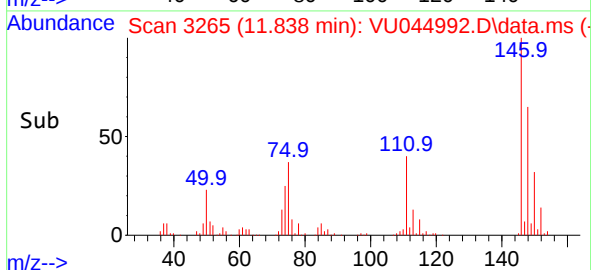
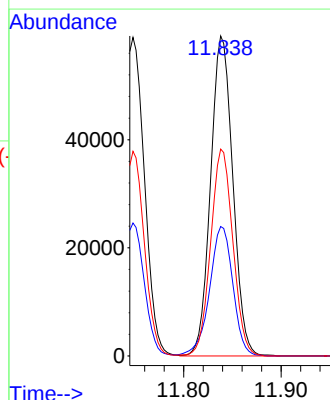
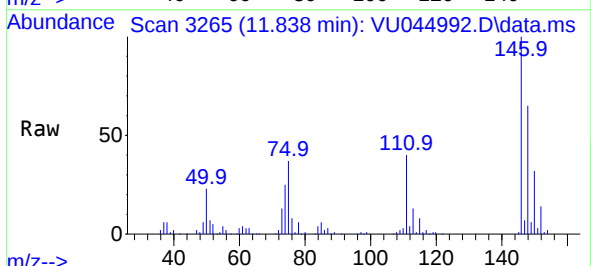
Manual Integrations
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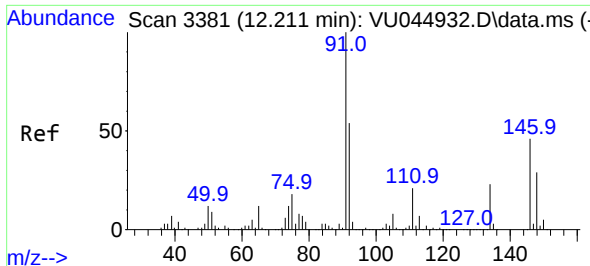
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#88
1,4-Dichlorobenzene
Concen: 19.17 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:146 Resp: 93836
Ion Ratio Lower Upper
146 100
111 42.5 20.3 61.0
148 64.9 31.8 95.3





#89
n-Butylbenzene
Concen: 20.08 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

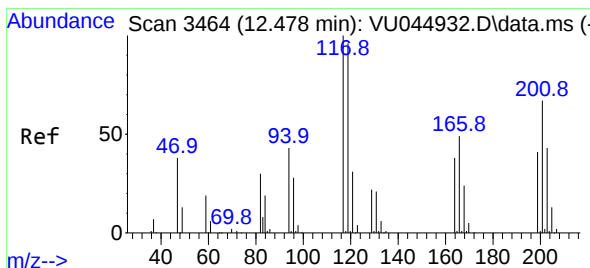
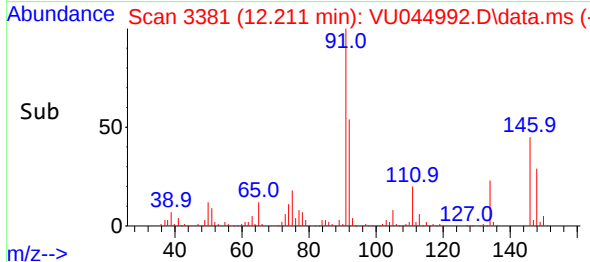
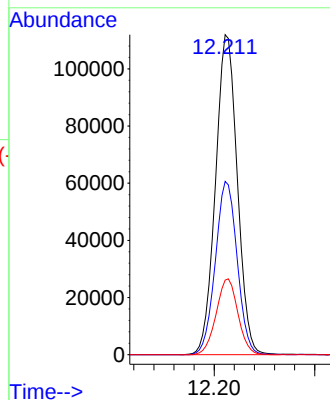
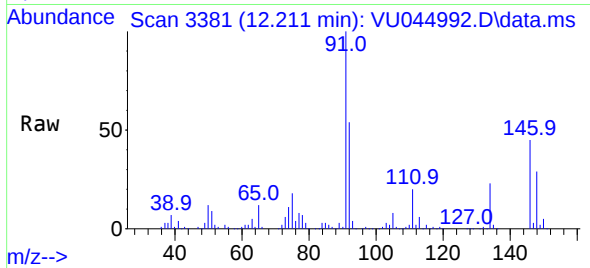
Tgt Ion: 91 Resp: 168911

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.4
134	23.6	11.8	35.4

Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01

Manual Integrations
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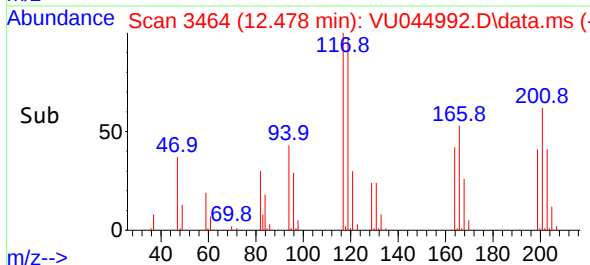
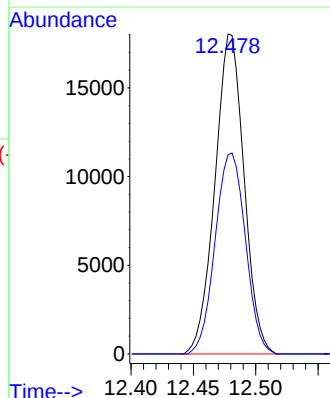
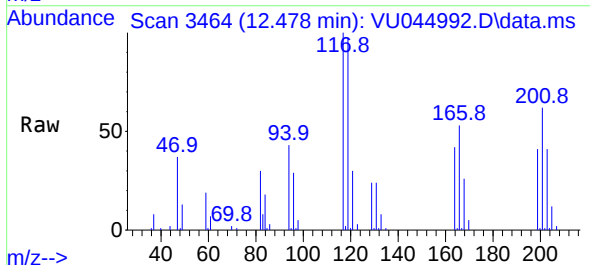
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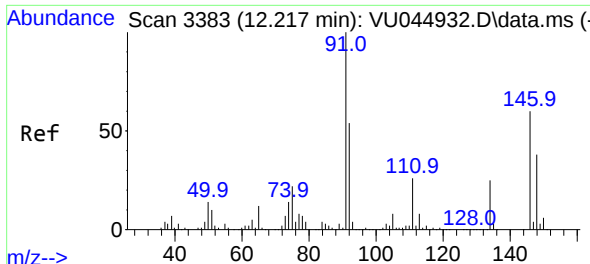


#90
Hexachloroethane
Concen: 17.81 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion: 117 Resp: 29373

Ion	Ratio	Lower	Upper
117	100		
201	65.2	34.8	104.3





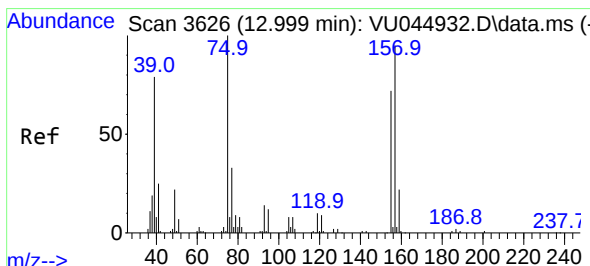
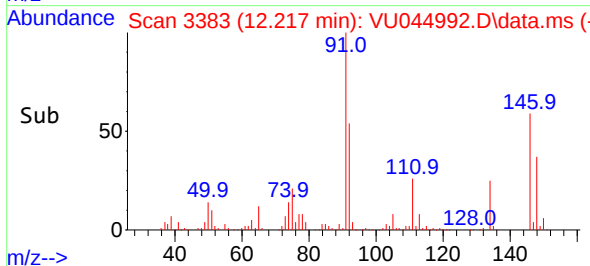
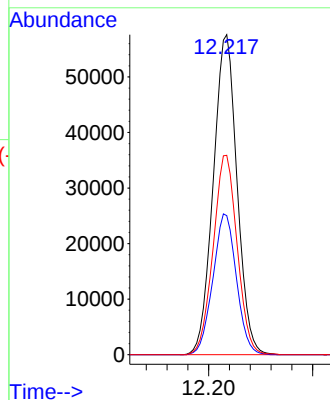
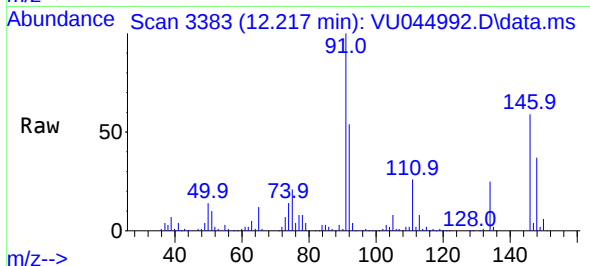
#91
1,2-Dichlorobenzene
Concen: 18.74 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

Tgt Ion:	146	Resp:	91669
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.4	64.3
148	62.8	31.8	95.3

Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01

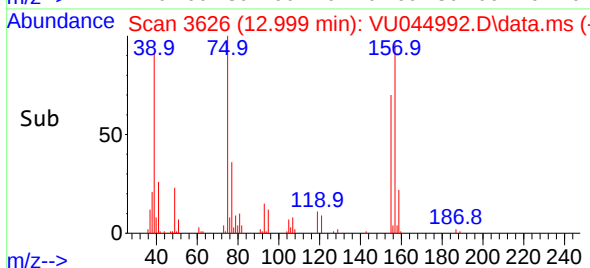
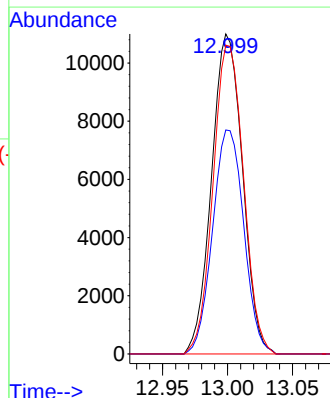
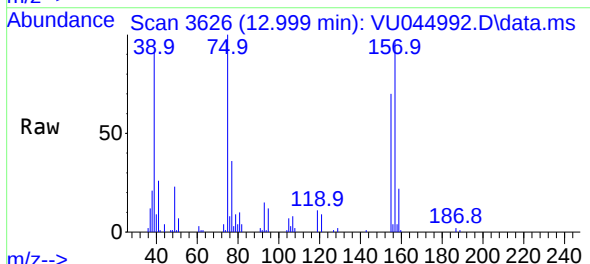
Manual Integrations
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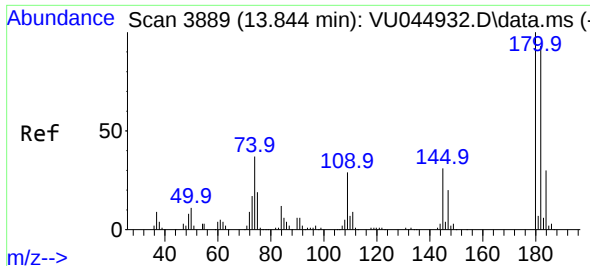
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.24 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

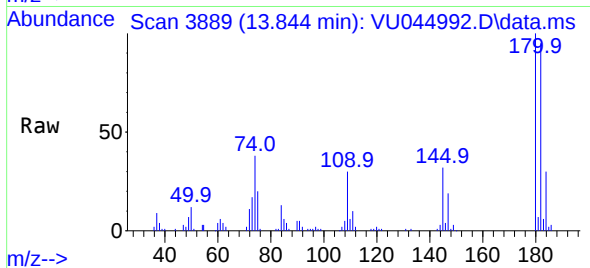
Tgt Ion:	75	Resp:	18216
Ion Ratio	Lower	Upper	
75	100		
155	70.6	36.9	110.6
157	95.1	47.8	143.3





#93
1,2,4-Trichlorobenzene
Concen: 19.22 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

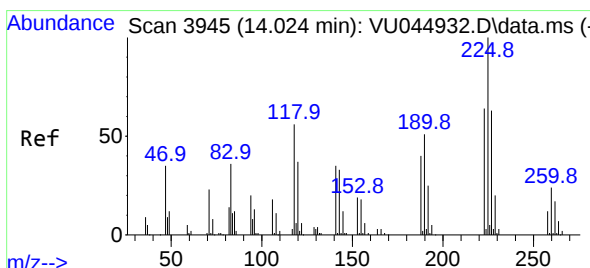
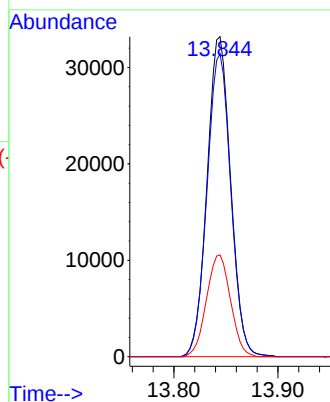
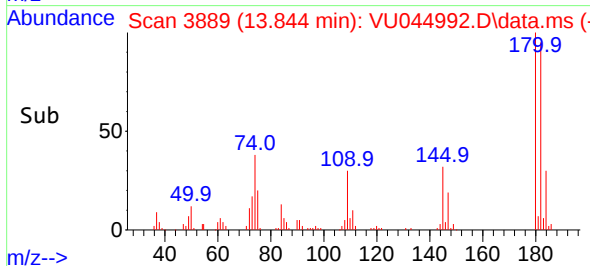
Instrument :
MSVOA_U
ClientSampled :
VU0929MBS01



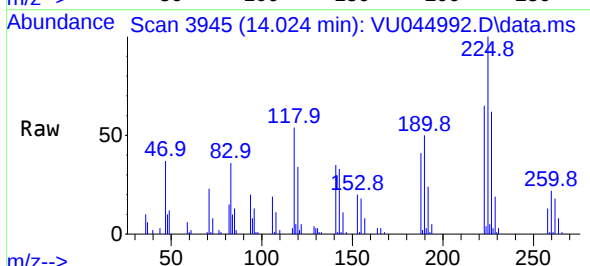
Tgt Ion:180 Resp: 52397
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 32.4 15.4 46.2

Manual Integrations
APPROVED

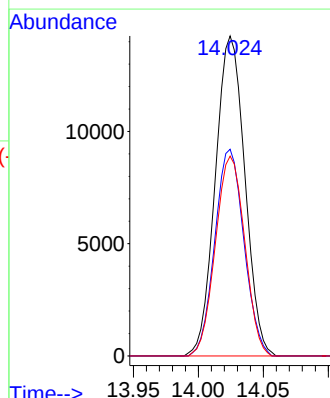
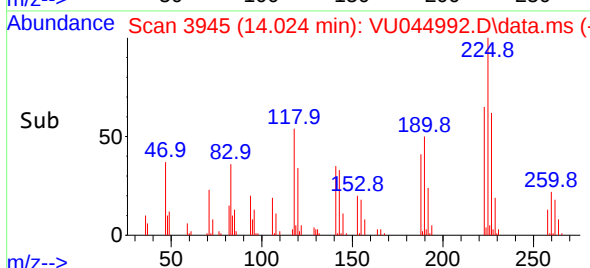
MMDadoda
9/30/2021 12:01:33 PM

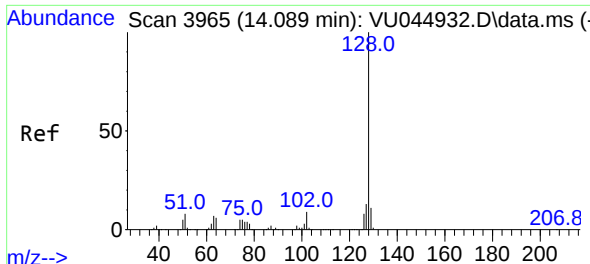


#94
Hexachlorobutadiene
Concen: 19.77 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



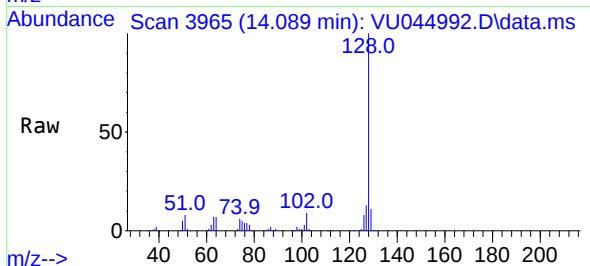
Tgt Ion:225 Resp: 22499
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.3
227 61.9 31.4 94.3





#95
Naphthalene
Concen: 17.58 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53

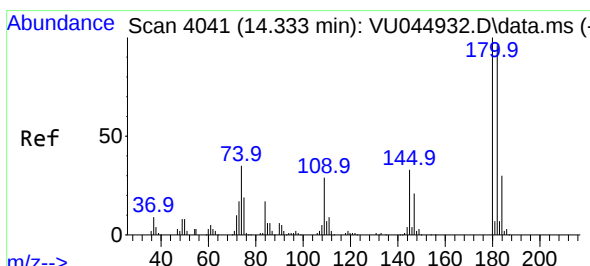
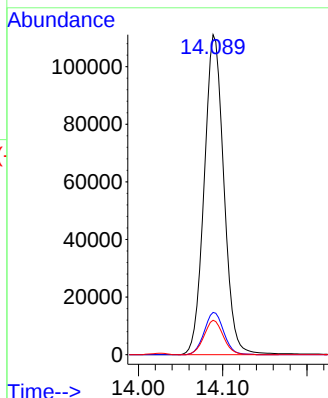
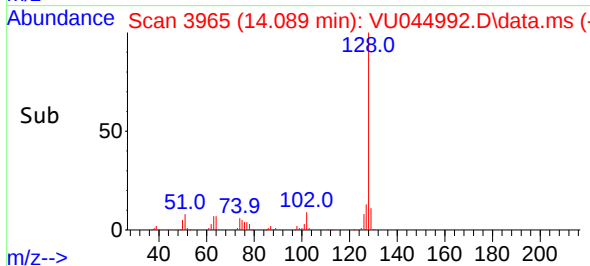
Instrument :
MSVOA_U
ClientSampleId :
VU0929MBS01



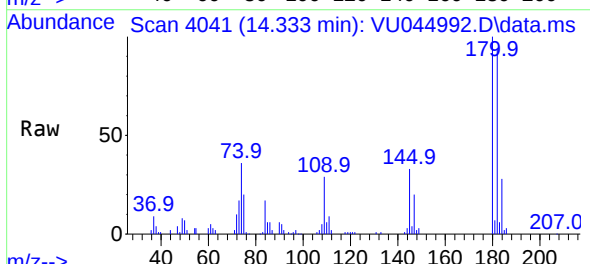
Tgt Ion:128 Resp: 180233
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
9/30/2021 12:01:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.54 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044992.D
Acq: 29 Sep 2021 14:53



Tgt Ion:180 Resp: 53488
Ion Ratio Lower Upper
180 100
182 93.5 47.1 141.4
145 32.4 16.4 49.2

