

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121120\
 Data File : VX019923.D
 Acq On : 12 Dec 2020 11:12
 Operator : JC/MD
 Sample : L5025-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6008-120920MSD

Manual Integrations
 APPROVED

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 12/16/2020 1:24:30 PM

Quant Time: Dec 14 02:48:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	248566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	412850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	382023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	161780	49.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.04%		
35) Dibromofluoromethane	5.465	113	131395	49.25	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.50%		
50) Toluene-d8	8.696	98	497312	48.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.64%		
62) 4-Bromofluorobenzene	11.122	95	191023	49.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.54%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	111306	48.91	ug/l	100
3) Chloromethane	1.313	50	124841	46.65	ug/l	98
4) Vinyl Chloride	1.392	62	148210	52.52	ug/l	98
5) Bromomethane	1.624	94	46025	49.12	ug/l	99
6) Chloroethane	1.703	64	94959	56.02	ug/l	100
7) Trichlorofluoromethane	1.910	101	203022	51.66	ug/l	99
8) Diethyl Ether	2.166	74	88510	53.15	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.361	101	122987	54.60	ug/l	99
10) Methyl Iodide	2.489	142	160454	48.32	ug/l	100
11) Tert butyl alcohol	3.014	59	168256	250.53	ug/l	99
12) 1,1-Dichloroethene	2.355	96	122771	53.91	ug/l	99
13) Acrolein	2.270	56	68639	190.35	ug/l	99
14) Allyl chloride	2.703	41	198686	51.66	ug/l	97
15) Acrylonitrile	3.111	53	418283	283.22	ug/l	100
16) Acetone	2.416	43	329826	268.60	ug/l	99
17) Carbon Disulfide	2.550	76	299092	45.77	ug/l	99
18) Methyl Acetate	2.746	43	161486	53.74	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	460744	55.55	ug/l	99
20) Methylene Chloride	2.831	84	153136	54.76	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	138724	52.25	ug/l	98
22) Diisopropyl ether	3.825	45	440481	56.64	ug/l	92
23) Vinyl Acetate	3.782	43	1649575	248.98	ug/l	99
24) 1,1-Dichloroethane	3.666	63	258629	55.15	ug/l	99
25) 2-Butanone	4.629	43	528567	280.13	ug/l	99
26) 2,2-Dichloropropane	4.550	77	154819	38.34	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	177117	57.00	ug/l	96
28) Bromochloromethane	4.977	49	117694	52.65	ug/l	98
29) Tetrahydrofuran	5.087	42	343661	282.69	ug/l	98
30) Chloroform	5.172	83	267617	55.50	ug/l	98
31) Cyclohexane	5.544	56	213135	52.45	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	225543	54.31	ug/l	99
36) 1,1-Dichloropropene	5.769	75	190111	50.96	ug/l	99
37) Ethyl Acetate	4.788	43	184879	49.08	ug/l	99
38) Carbon Tetrachloride	5.751	117	190015	52.01	ug/l	99
39) Methylcyclohexane	7.440	83	217697	49.67	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.111	78	601429	52.78	ug/l	100
41) Methacrylonitrile	5.001	41	114138	55.19	ug/l	100
42) 1,2-Dichloroethane	6.160	62	207318	53.25	ug/l	100
43) Isopropyl Acetate	6.409	43	307195	50.16	ug/l	100
44) Trichloroethene	7.184	130	153061	51.19	ug/l	99
45) 1,2-Dichloropropane	7.489	63	153919	54.04	ug/l	97
46) Dibromomethane	7.635	93	103694	53.91	ug/l	98
47) Bromodichloromethane	7.873	83	205712	53.90	ug/l	100
48) Methyl methacrylate	7.745	41	161917	53.76	ug/l	99
49) 1,4-Dioxane	7.714	88	74773	1024.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1048425	280.41	ug/l	100
52) Toluene	8.763	92	375058	52.62	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	213500	50.41	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	233355	50.72	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	159218	55.43	ug/l	97
56) Ethyl methacrylate	9.159	69	239000	55.00	ug/l	99
57) 1,3-Dichloropropane	9.348	76	265158	54.06	ug/l	100
59) 2-Hexanone	9.470	43	792275	273.38	ug/l	99
60) Dibromochloromethane	9.561	129	160222	54.90	ug/l	99
61) 1,2-Dibromoethane	9.653	107	161922	53.09	ug/l	100
64) Tetrachloroethene	9.318	164	135830	53.02	ug/l	98
65) Chlorobenzene	10.122	112	393615	51.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	147751	53.94	ug/l	99
67) Ethyl Benzene	10.232	91	713263	52.80	ug/l	100
68) m/p-Xylenes	10.342	106	532357	104.57	ug/l	99
69) o-Xylene	10.683	106	258056	52.70	ug/l	100
70) Styrene	10.695	104	424905	51.41	ug/l	99
71) Bromoform	10.842	173	113539	52.69	ug/l #	97
73) Isopropylbenzene	11.000	105	695320	54.27	ug/l	99
74) N-amyl acetate	10.878	43	248832	48.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	252065	55.81	ug/l	100
76) 1,2,3-Trichloropropane	11.281	75	227360m	54.06	ug/l	
77) Bromobenzene	11.238	156	176686	53.89	ug/l	98
78) n-propylbenzene	11.342	91	785309	53.67	ug/l	100
79) 2-Chlorotoluene	11.403	91	484043	53.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	586546	54.25	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	70013	48.12	ug/l	98
82) 4-Chlorotoluene	11.494	91	562669	53.32	ug/l	99
83) tert-Butylbenzene	11.756	119	575140	54.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	600336	55.12	ug/l	98
85) sec-Butylbenzene	11.927	105	660488	54.55	ug/l	99
86) p-Isopropyltoluene	12.049	119	605212	54.54	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	314931	52.34	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	318968	52.04	ug/l	99
89) n-Butylbenzene	12.372	91	521896	53.09	ug/l	100
90) Hexachloroethane	12.579	117	103150	53.85	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	315476	53.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	53048	54.63	ug/l	99
93) 1,2,4-Trichlorobenzene	13.628	180	205199	53.74	ug/l	99
94) Hexachlorobutadiene	13.762	225	89085	52.20	ug/l	98
95) Naphthalene	13.817	128	701098	56.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	209755	56.21	ug/l	97

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Manual Integrations
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12/16/2020 1:24:30 PM

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

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12/16/2020 1:24:30 PM

TIC: VX019923.D\data.ms

Abundance

Time-->

2700000

2600000

2500000

2400000

2300000

2200000

2100000

2000000

1900000

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

2.00

3.00

4.00

5.00

6.00

7.00

8.00

9.00

10.00

11.00

12.00

13.00

14.00

15.00

16.00

Dichlorodifluoromethane, T

Chloroethane, C

Benzene, T

Trichlorofluoromethane, T

Acrolein, T

Diethyl Ether, T

1,1,1,2-Tetrachloroethane, T

Methyl Chloride, T

Methyl Acetate, T

Tert butyl alcohol, T

Methyl isobutyl ether, T

Vinyl Acetate, T

1,1-Dichloroethane, P

Diisopropyl ether, T

2-Butoxyethanol, T

Ethyl Acetate, T

Chloroform, C

Cyclohexane, T

Pentamethylbenzene, T

1,2-Dichloroethane-d4, S

1,2-Dichloroethane, T

Benzene, TM

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichlorobenzene, T

1,4-Dioxane, T

Bromomethane, T

Methyl methacrylate, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-Pentanone, T

Toluene, CM

t-1,3-Dichloropropene, T

Ethyl methyl ether, T

1,3-Dichloropropene, T

1,2-Dichlorobenzene, I

1,2-Dichloroethane, I

1,1,1,2-Tetrachloroethane, CM

Ethyl Benzene, C

m,p-Xylenes, T

N-ethyl acetate, T

Styrene, T

o-Xylene, T

Isopropylbenzene, T

n-Propylbenzene, T

2-Chlorotoluene, T

1,2,4-Trimethylbenzene, T

Tert-Butylbenzene, T

1,3-Dichlorobenzene, I

1,4-Dichlorobenzene, I

1,2,3-Trichlorobenzene, I

Hexachloroethane, T

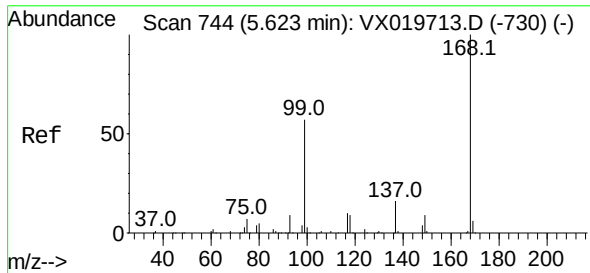
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T



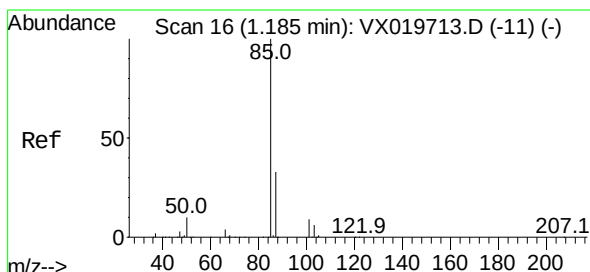
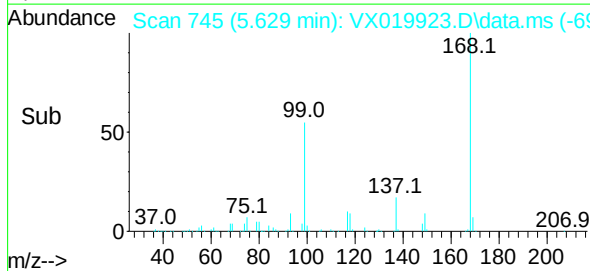
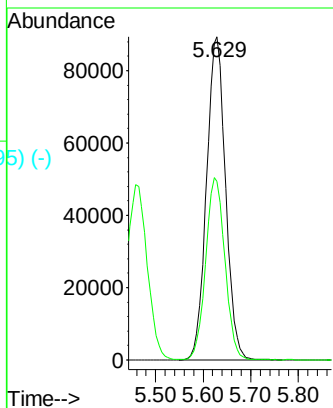
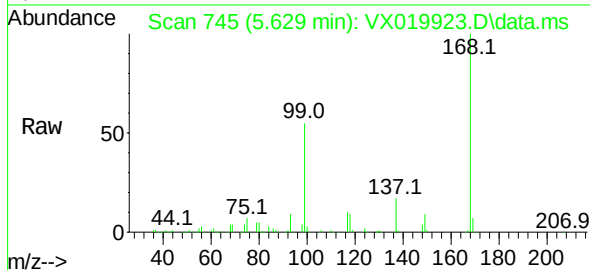
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion:168 Resp: 248566
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6

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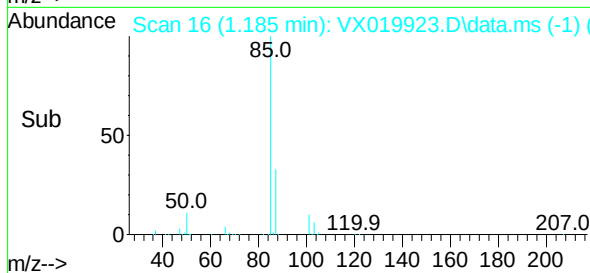
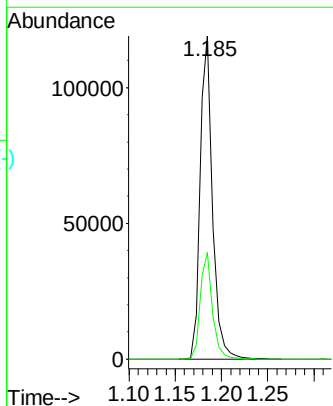
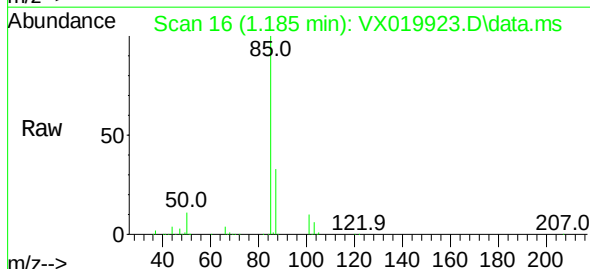
Manual Integrations
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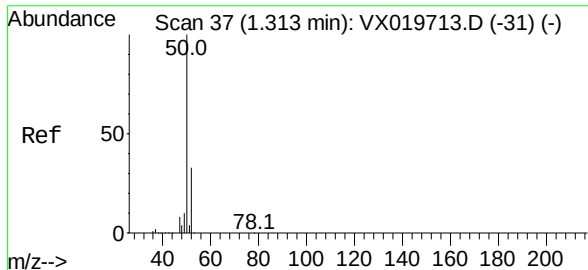
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#2
Dichlorodifluoromethane
Concen: 48.91 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 85 Resp: 111306
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2





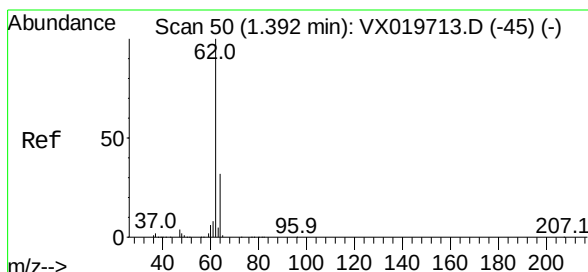
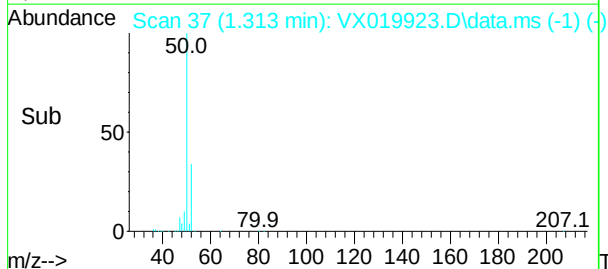
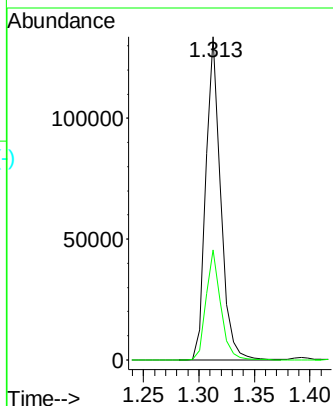
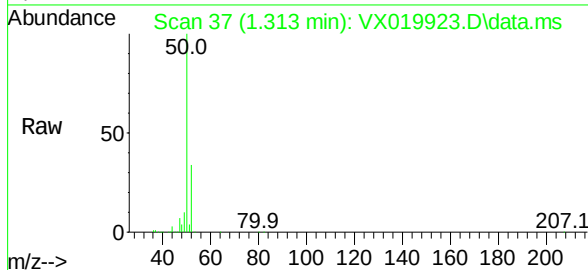
#3
Chloromethane
Concen: 46.65 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
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ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion: 50 Resp: 124841
Ion Ratio Lower Upper
50 100
52 34.1 26.4 39.6

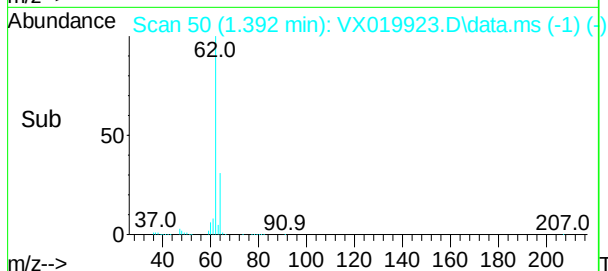
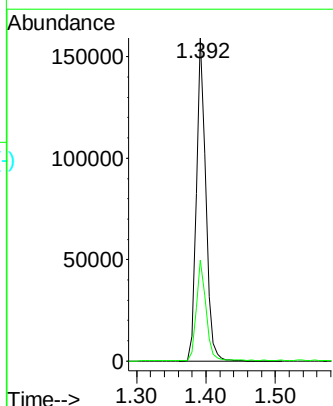
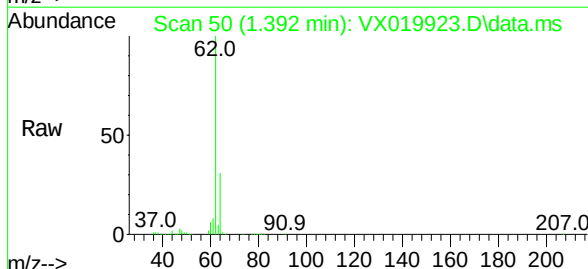
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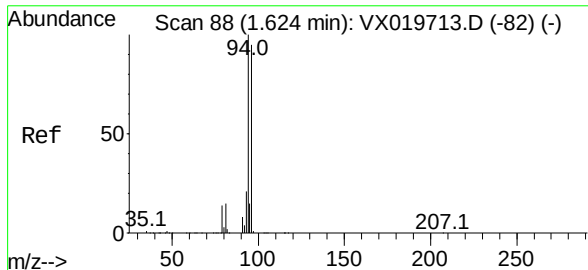
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#4
Vinyl Chloride
Concen: 52.52 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 62 Resp: 148210
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5





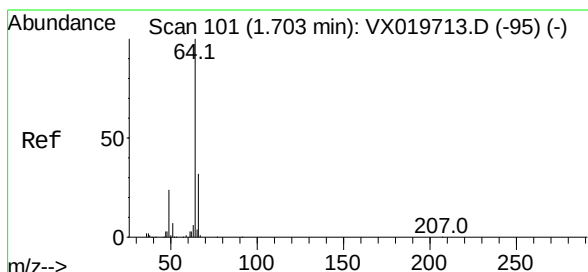
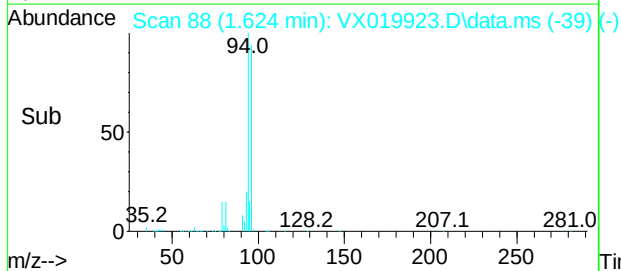
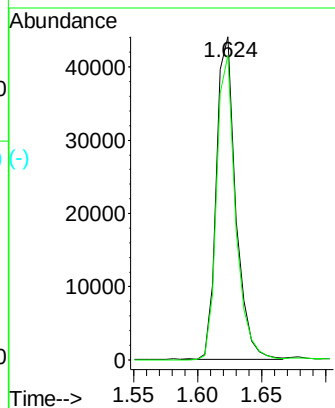
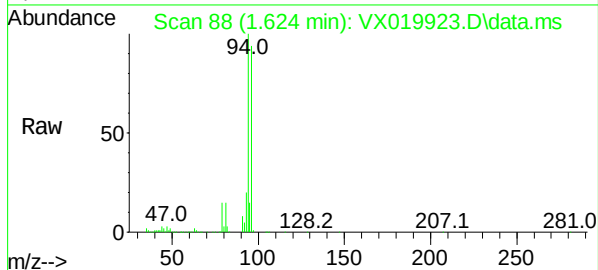
#5
Bromomethane
Concen: 49.12 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.001 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

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Tgt Ion: 94 Resp: 46025
Ion Ratio Lower Upper
94 100
96 94.5 76.4 114.6

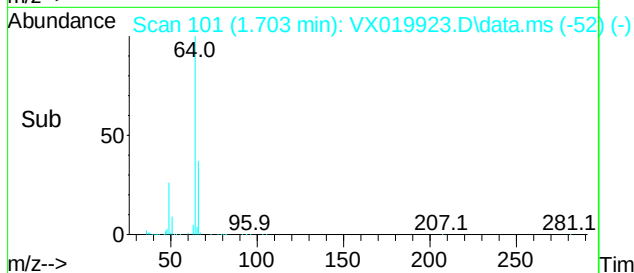
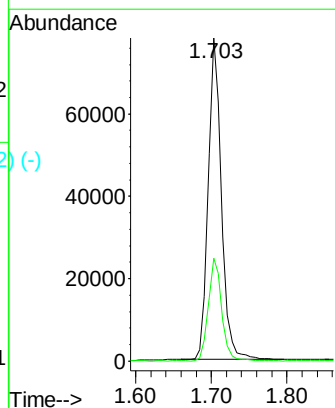
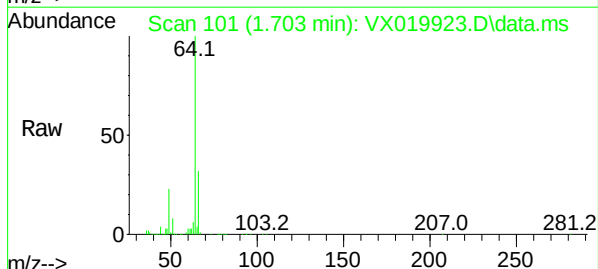
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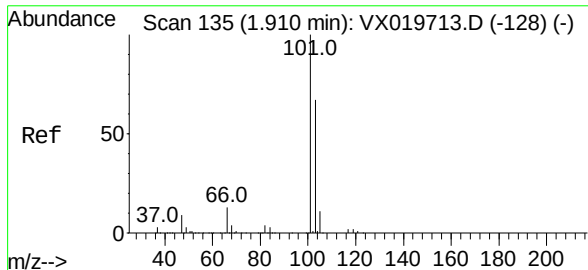
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12/16/2020 1:24:30 PM



#6
Chloroethane
Concen: 56.02 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 64 Resp: 94959
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0





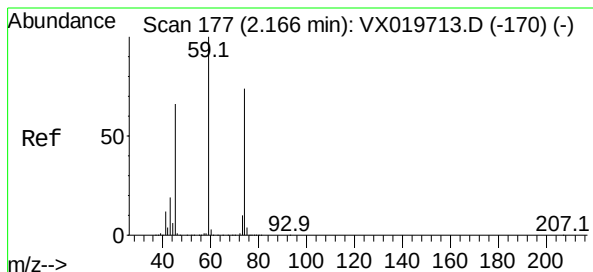
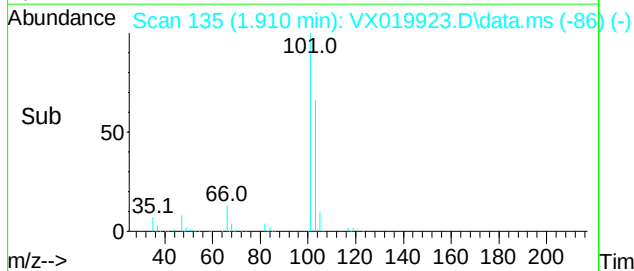
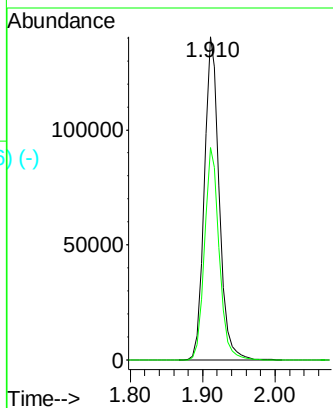
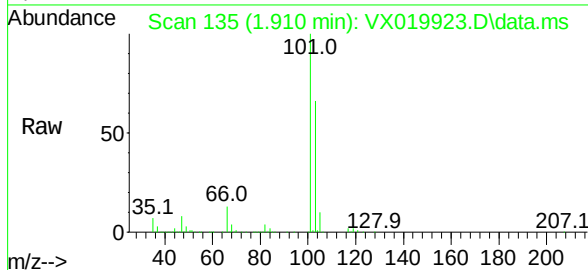
#7
Trichlorofluoromethane
Concen: 51.66 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.000 min
Lab File: VX019923.D
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Tgt Ion:101 Resp: 203022
Ion Ratio Lower Upper
101 100
103 65.8 53.2 79.8

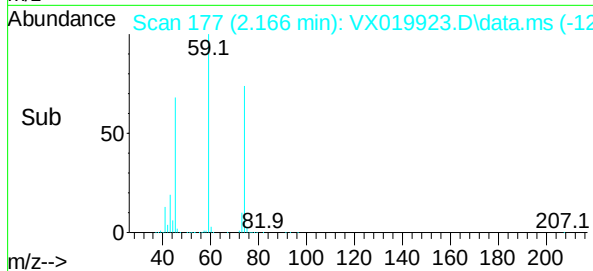
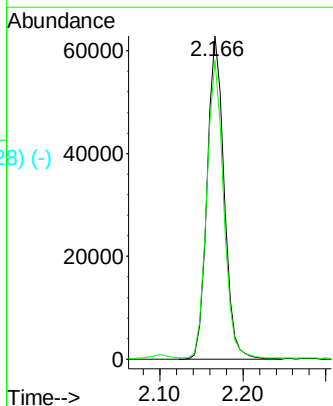
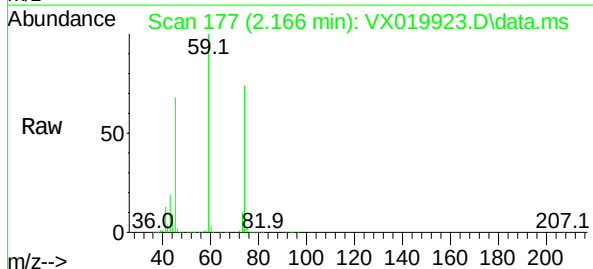
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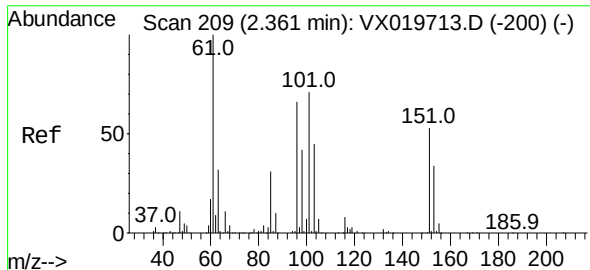
MMDadoda
12/16/2020 1:24:30 PM



#8
Diethyl Ether
Concen: 53.15 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 74 Resp: 88510
Ion Ratio Lower Upper
74 100
45 91.6 44.5 133.5





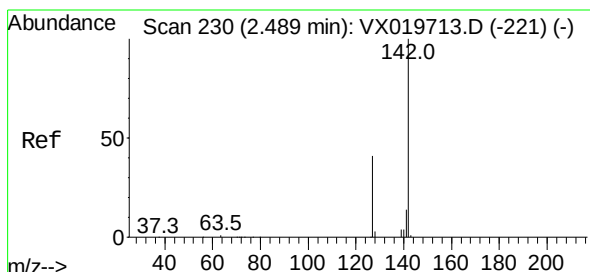
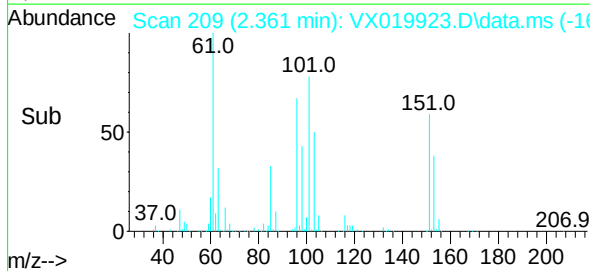
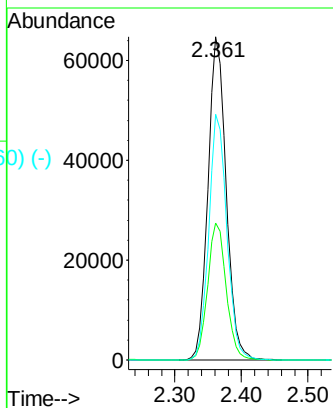
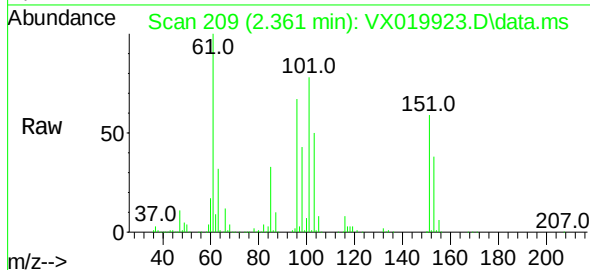
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.60 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.9	52.3
151	75.5	61.4	92.2

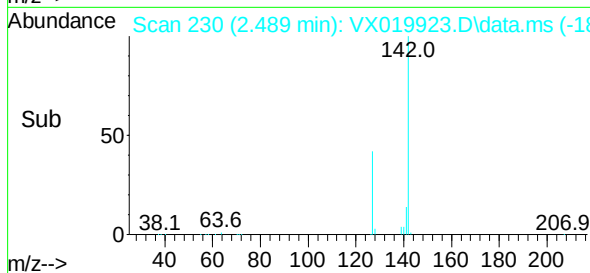
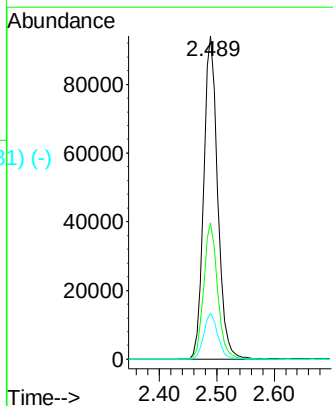
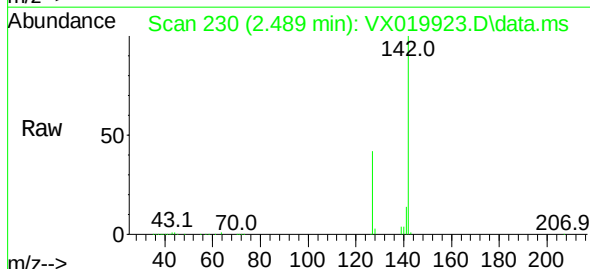
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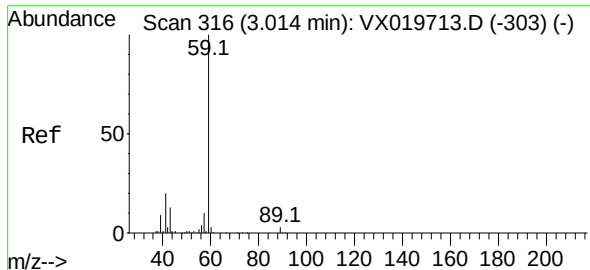
MMDadoda
12/16/2020 1:24:30 PM



#10
Methyl Iodide
Concen: 48.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.3	49.9
141	14.3	11.4	17.0





#11

Tert butyl alcohol

Concen: 250.53 ug/l

RT: 3.014 min Scan# 316

Delta R.T. 0.001 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 59 Resp: 168256

Ion Ratio Lower Upper

59 100

57 10.2 7.8 11.8

Instrument :

MSVOA_X

ClientSampleId :

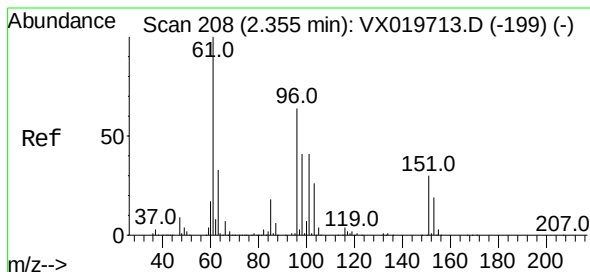
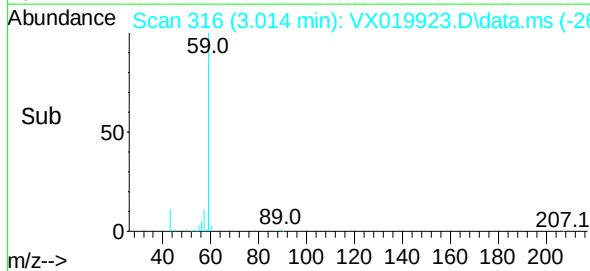
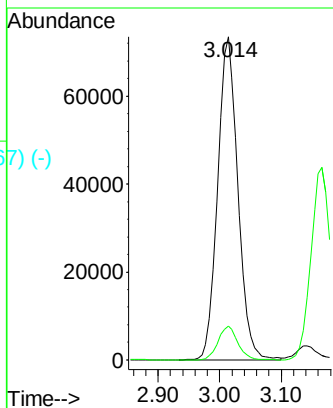
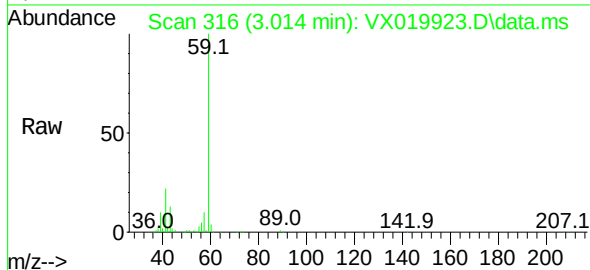
TU032-32-6008-120920MSD

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12/16/2020 1:24:30 PM



#12

1,1-Dichloroethene

Concen: 53.91 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

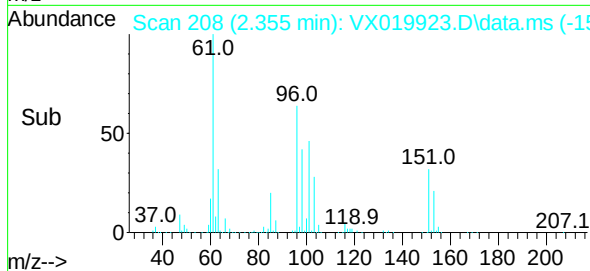
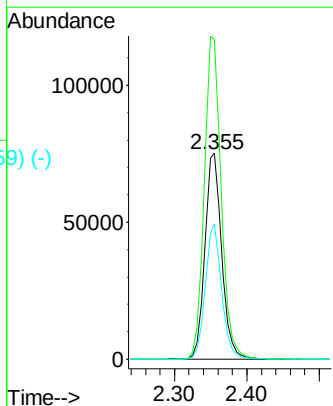
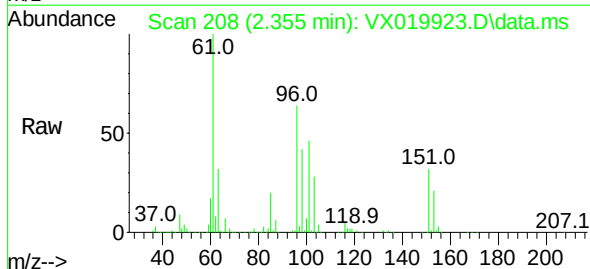
Tgt Ion: 96 Resp: 122771

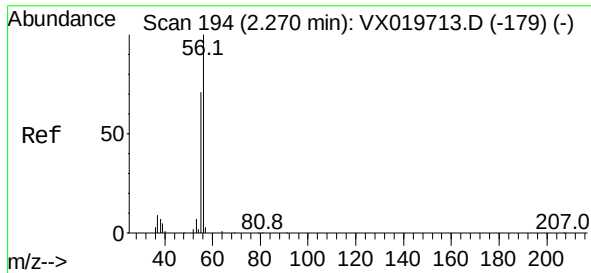
Ion Ratio Lower Upper

96 100

61 155.6 124.6 187.0

98 65.5 50.6 76.0





#13

Acrolein

Concen: 190.35 ug/l

RT: 2.270 min Scan# 194

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 56 Resp: 68639

Ion Ratio Lower Upper

56 100

55 70.0 56.4 84.6

Instrument :

MSVOA_X

ClientSampleId :

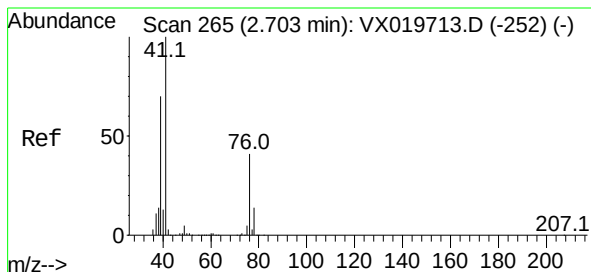
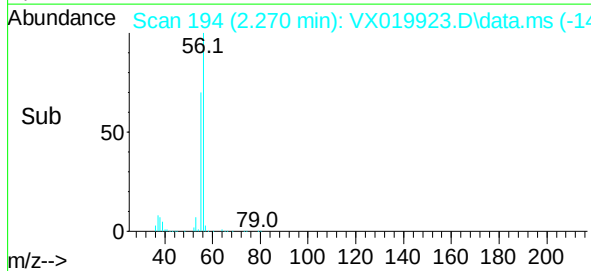
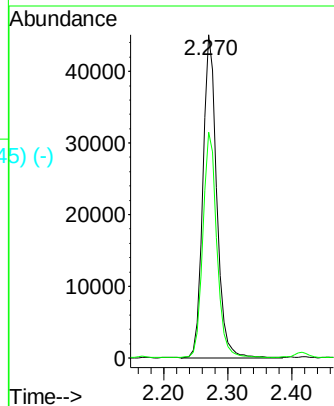
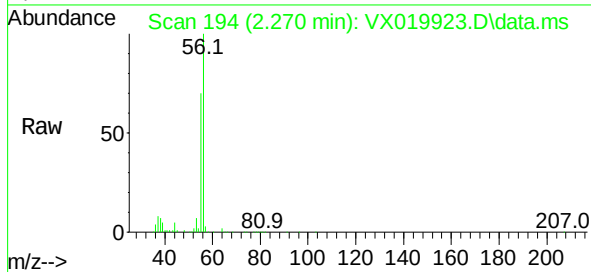
TU032-32-6008-120920MSD

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12/16/2020 1:24:30 PM



#14

Allyl chloride

Concen: 51.66 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

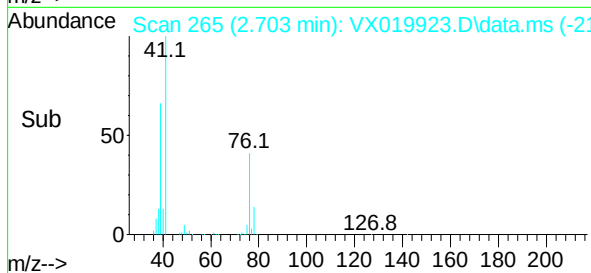
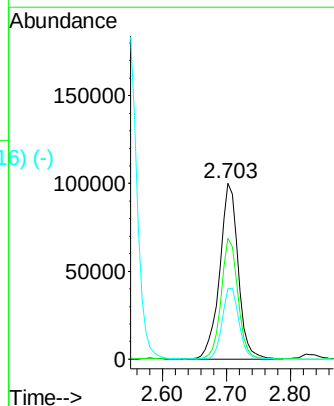
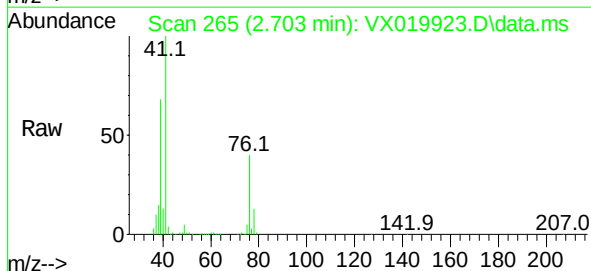
Tgt Ion: 41 Resp: 198686

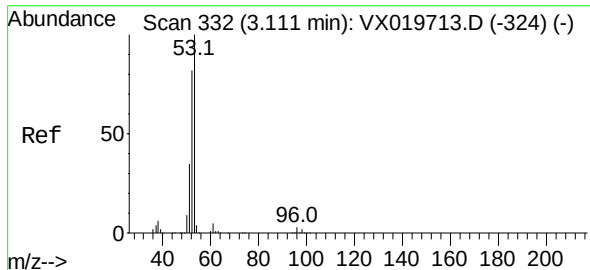
Ion Ratio Lower Upper

41 100

39 62.4 51.6 77.4

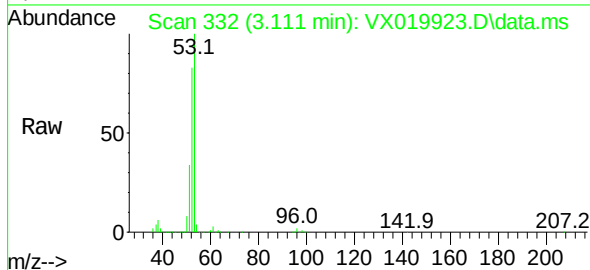
76 36.5 30.5 45.7





#15
Acrylonitrile
Concen: 283.22 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

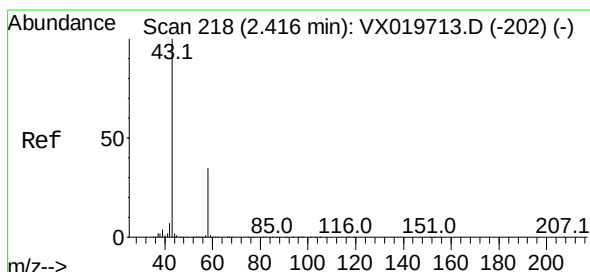
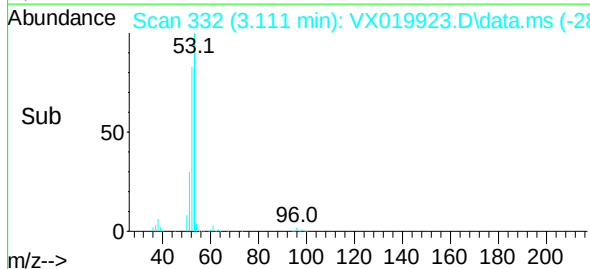
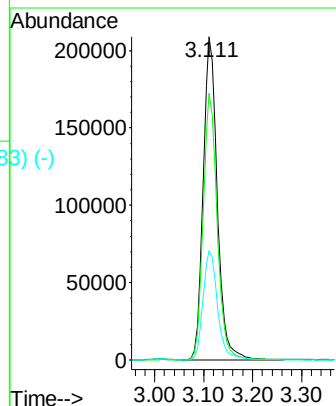


Tgt Ion: 53 Resp: 418283

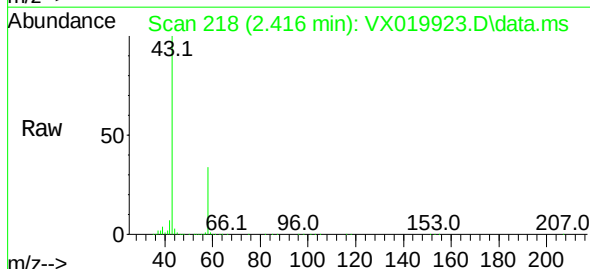
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.3	97.9
51	35.1	28.2	42.2

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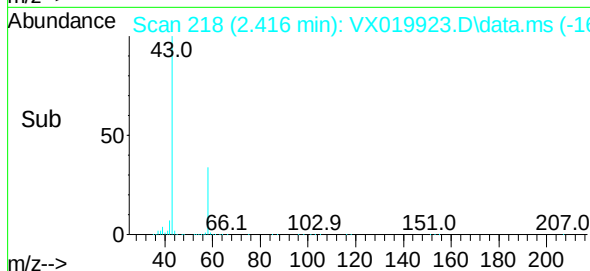
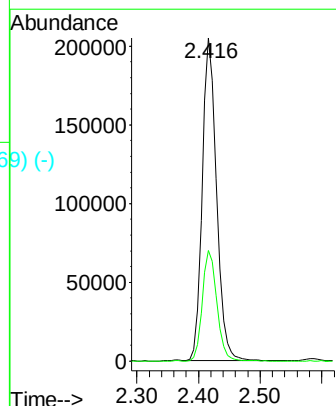


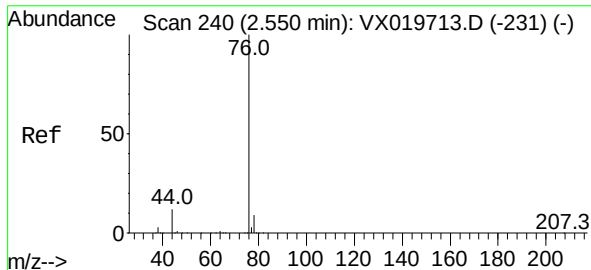
#16
Acetone
Concen: 268.60 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion: 43 Resp: 329826

Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.8	41.8





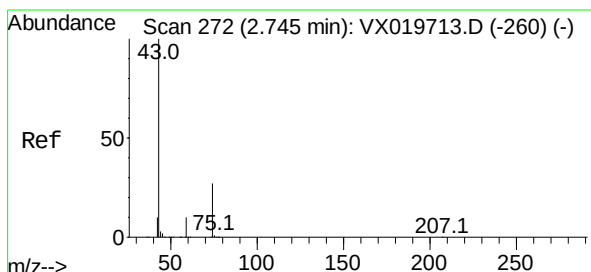
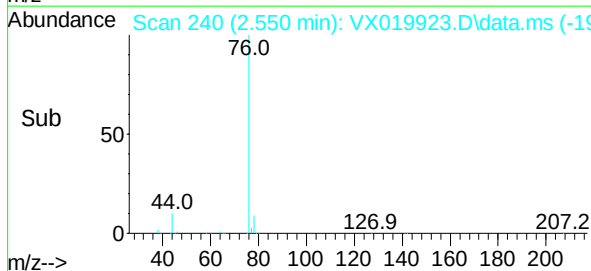
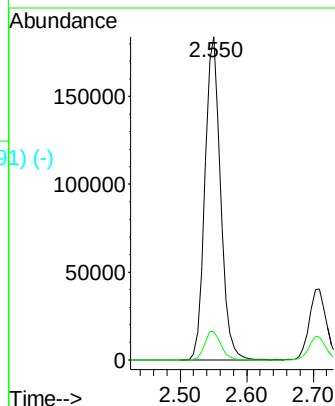
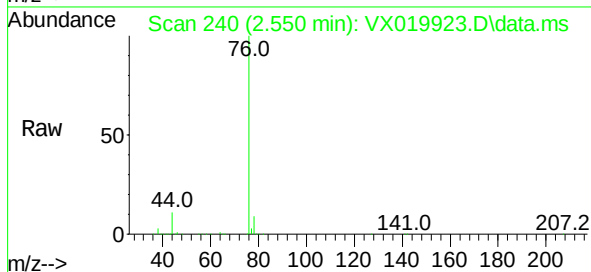
#17
Carbon Disulfide
Concen: 45.77 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion: 76 Resp: 299092
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

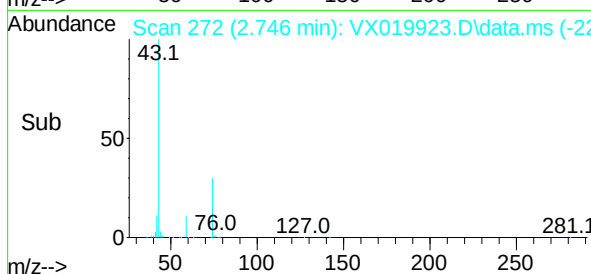
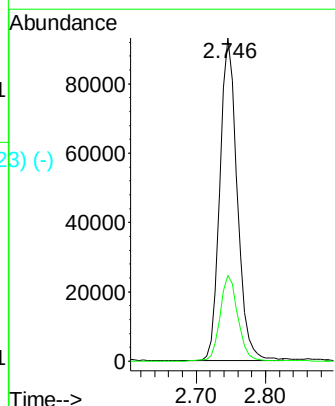
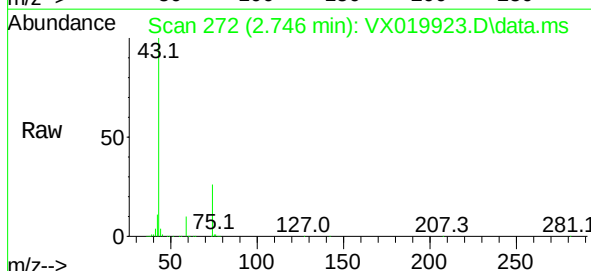
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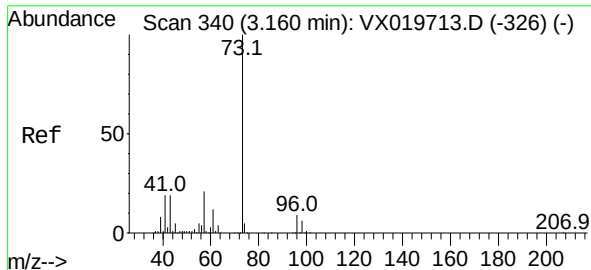
MMDadoda
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#18
Methyl Acetate
Concen: 53.74 ug/l
RT: 2.746 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 43 Resp: 161486
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9





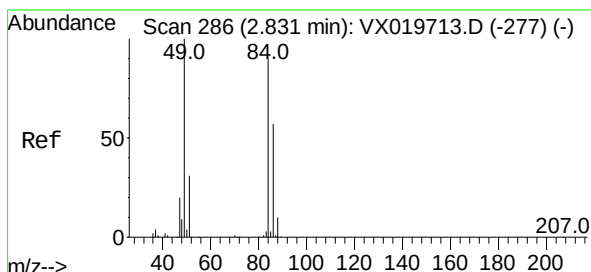
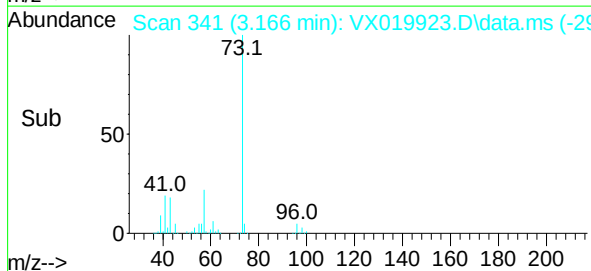
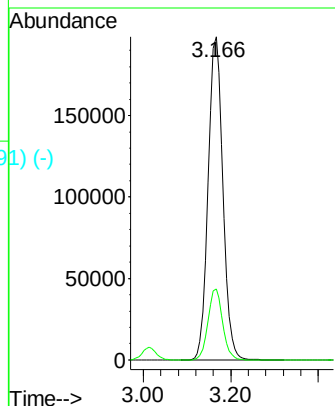
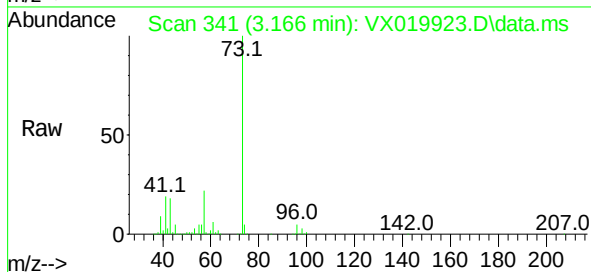
#19
Methyl tert-butyl Ether
Concen: 55.55 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion: 73 Resp: 460744
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

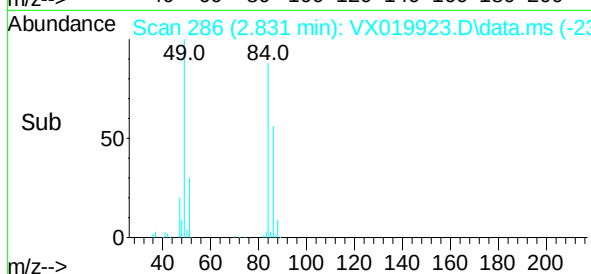
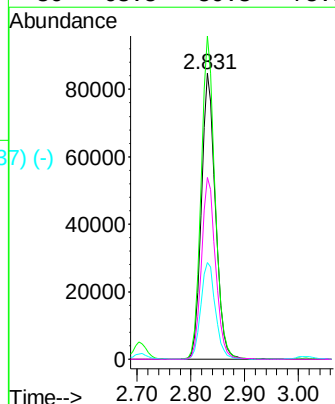
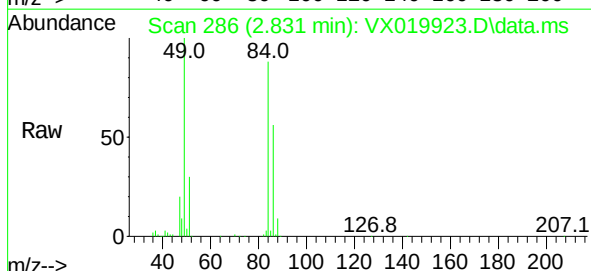
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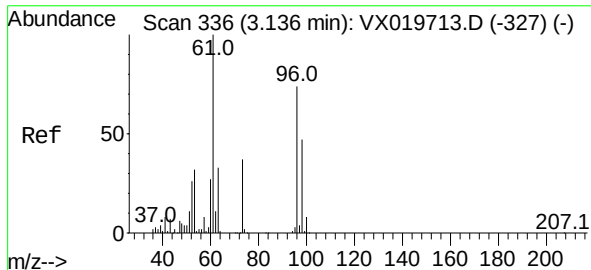
MMDadoda
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#20
Methylene Chloride
Concen: 54.76 ug/l
RT: 2.831 min Scan# 286
Delta R.T. 0.001 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

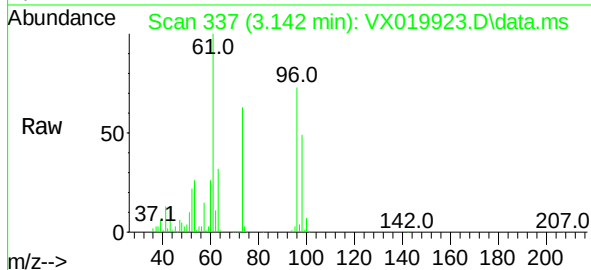
Tgt Ion: 84 Resp: 153136
Ion Ratio Lower Upper
84 100
49 113.1 88.6 132.8
51 33.8 27.0 40.6
86 63.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 52.25 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

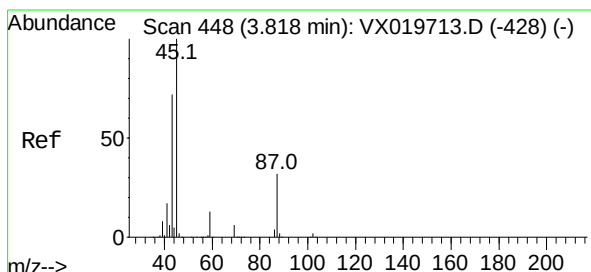
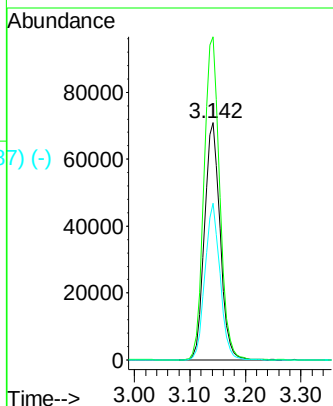
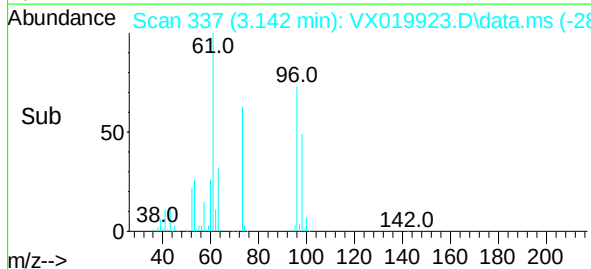
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



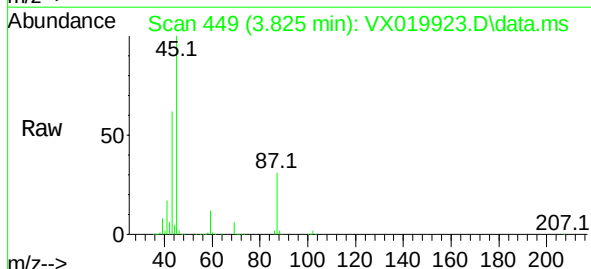
Tgt Ion: 96 Resp: 138724
Ion Ratio Lower Upper
96 100
61 136.2 107.7 161.5
98 66.1 50.4 75.6

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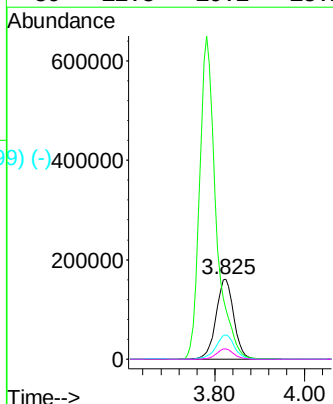
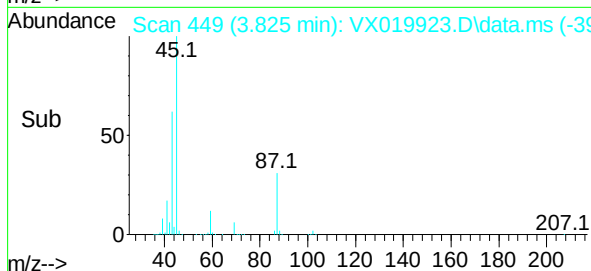
MMDadoda
12/16/2020 1:24:30 PM

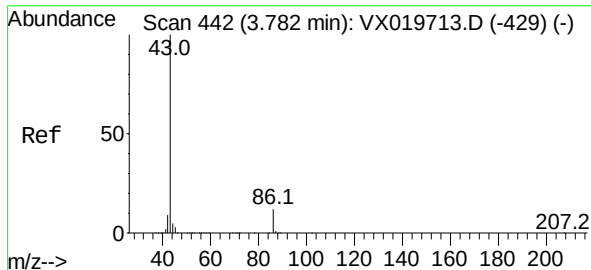


#22
Diisopropyl ether
Concen: 56.64 ug/l
RT: 3.825 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion: 45 Resp: 440481
Ion Ratio Lower Upper
45 100
43 62.4 58.0 87.0
87 30.5 25.4 38.0
59 12.5 10.2 15.2





#23
 Vinyl Acetate
 Concen: 248.98 ug/l
 RT: 3.782 min Scan# 442
 Delta R.T. 0.000 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12

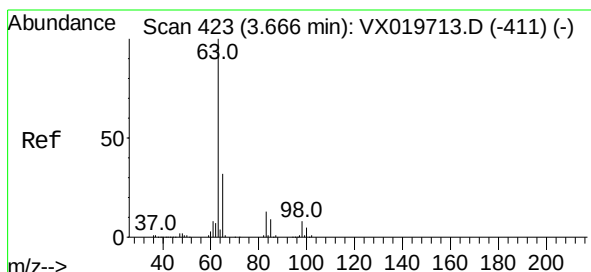
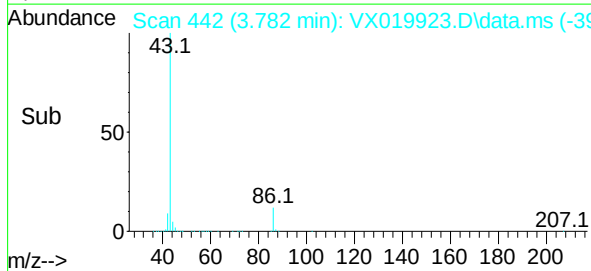
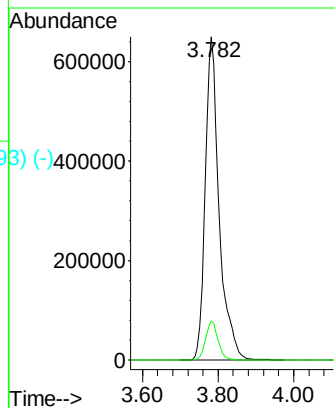
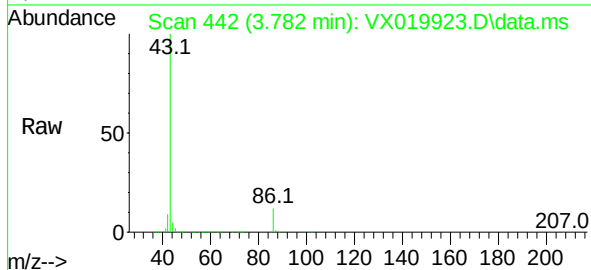
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6008-120920MSD

Tgt Ion: 43 Resp: 1649575

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.9	14.9

Manual Integrations
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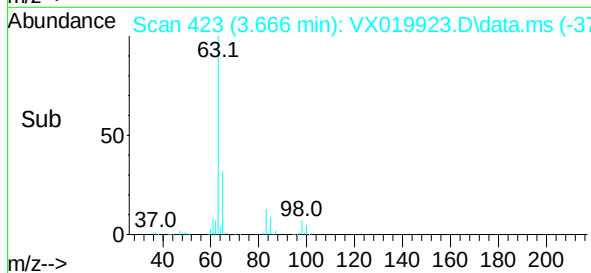
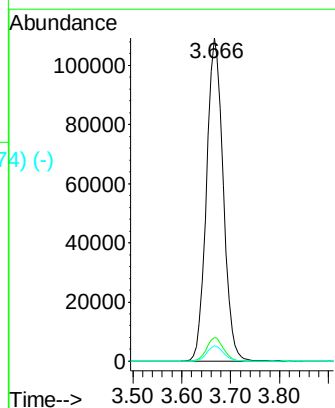
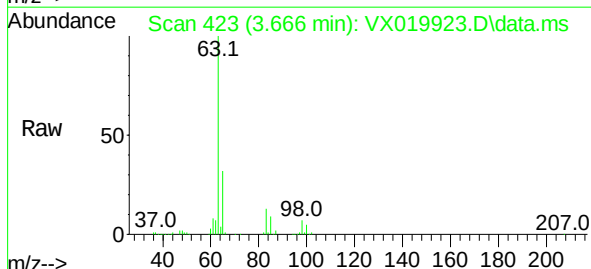
MMDadoda
 12/16/2020 1:24:30 PM

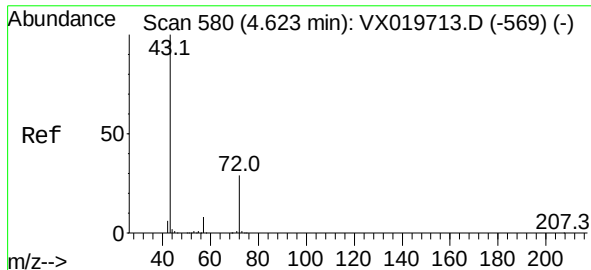


#24
 1,1-Dichloroethane
 Concen: 55.15 ug/l
 RT: 3.666 min Scan# 423
 Delta R.T. 0.000 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12

Tgt Ion: 63 Resp: 258629

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.2
100	4.7	2.5	7.5





#25

2-Butanone

Concen: 280.13 ug/l

RT: 4.629 min Scan# 581

Delta R.T. 0.006 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 43 Resp: 528567

Ion Ratio Lower Upper

43 100

72 29.2 23.7 35.5

Instrument :

MSVOA_X

ClientSampleId :

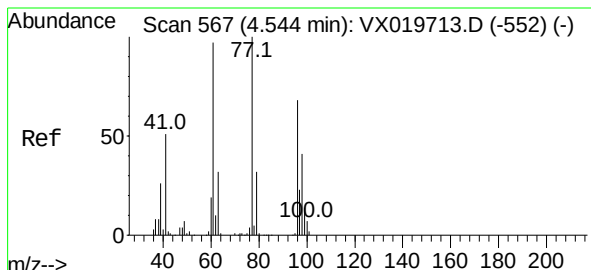
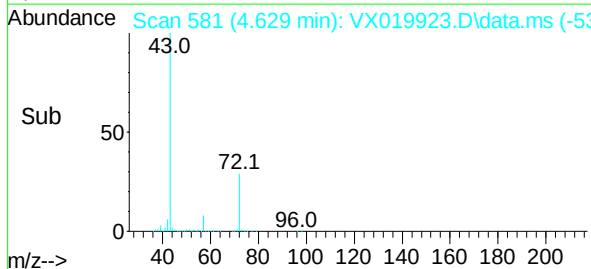
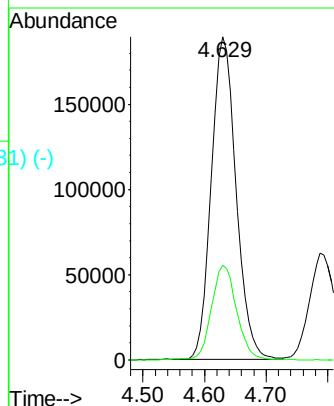
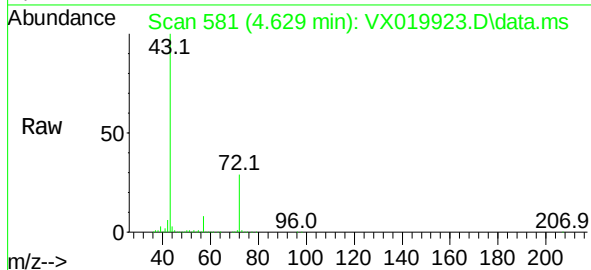
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12/16/2020 1:24:30 PM



#26

2,2-Dichloropropane

Concen: 38.34 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.006 min

Lab File: VX019923.D

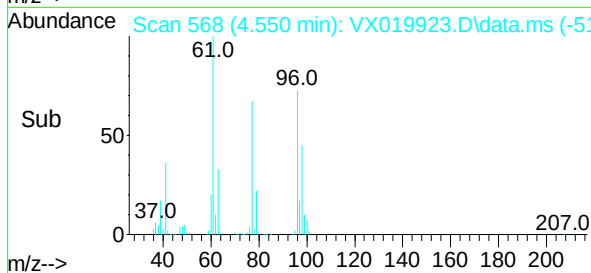
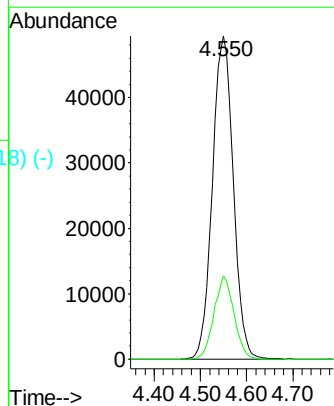
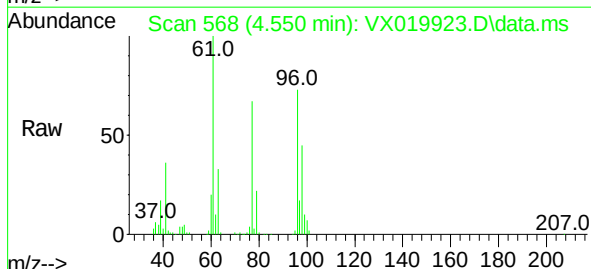
Acq: 12 Dec 2020 11:12

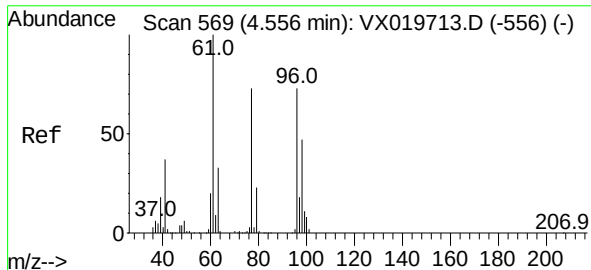
Tgt Ion: 77 Resp: 154819

Ion Ratio Lower Upper

77 100

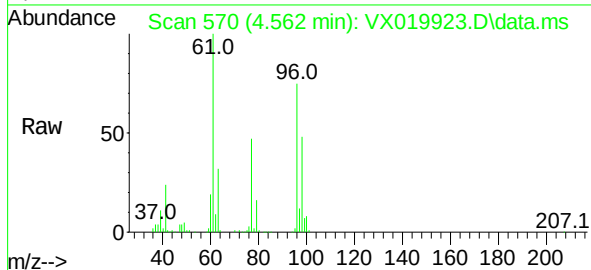
97 24.5 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 57.00 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12

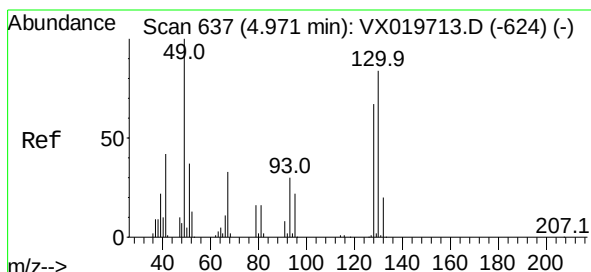
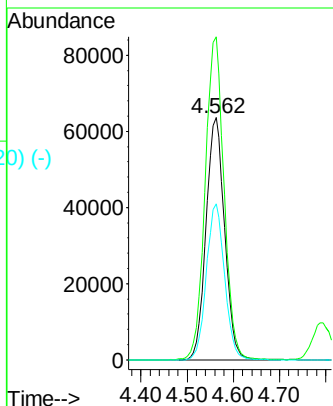
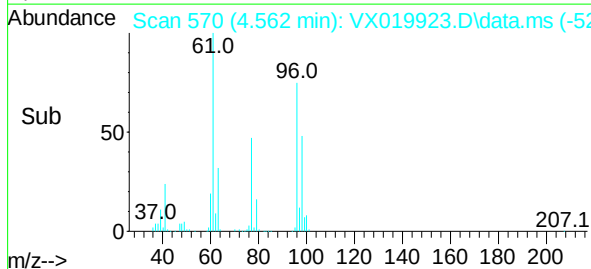
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6008-120920MSD



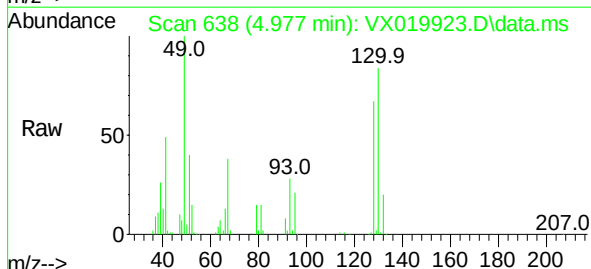
Tgt Ion: 96 Resp: 177117
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 285.6
 98 63.5 0.0 129.6

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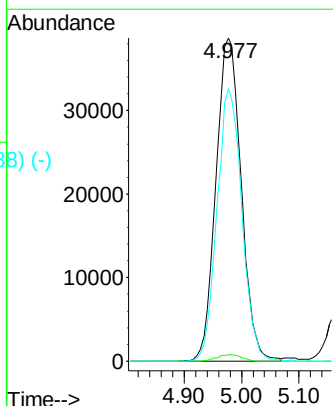
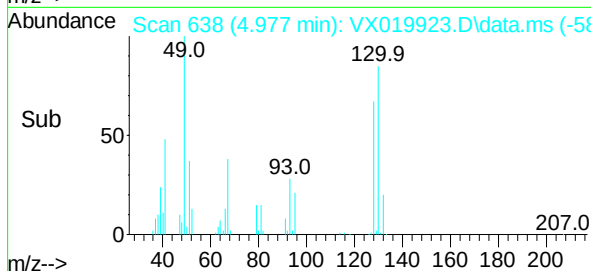
MMDadoda
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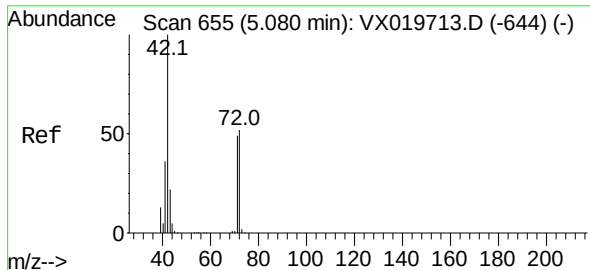


#28
 Bromochloromethane
 Concen: 52.65 ug/l
 RT: 4.977 min Scan# 638
 Delta R.T. 0.006 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12



Tgt Ion: 49 Resp: 117694
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 83.3 68.2 102.2





#29

Tetrahydrofuran

Concen: 282.69 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 42 Resp: 343661

Ion Ratio Lower Upper

42 100

72 50.7 41.7 62.5

71 46.9 38.4 57.6

Instrument :

MSVOA_X

ClientSampleId :

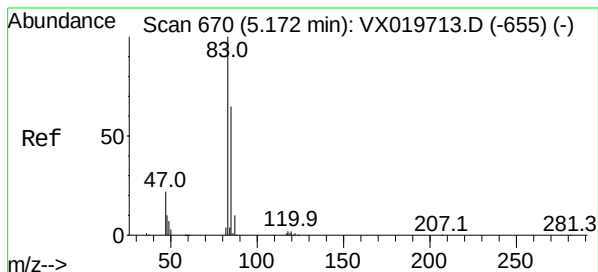
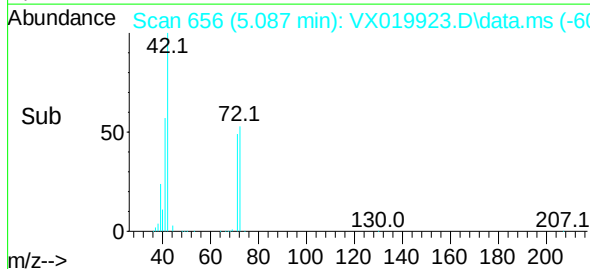
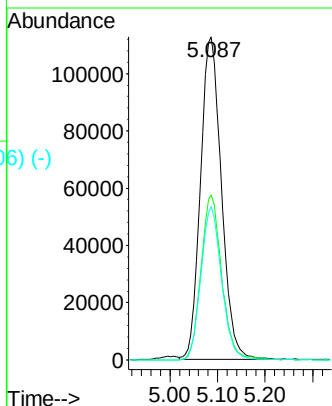
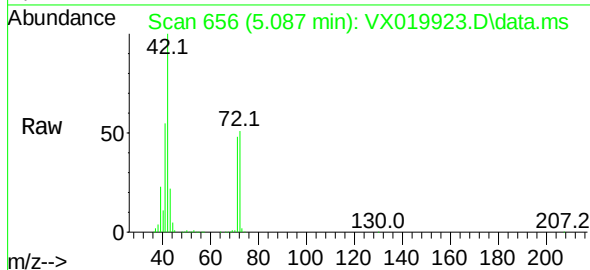
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#30

Chloroform

Concen: 55.50 ug/l

RT: 5.172 min Scan# 670

Delta R.T. 0.000 min

Lab File: VX019923.D

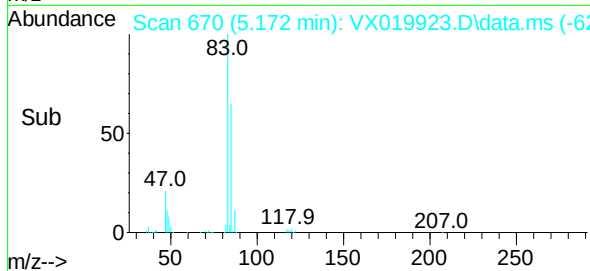
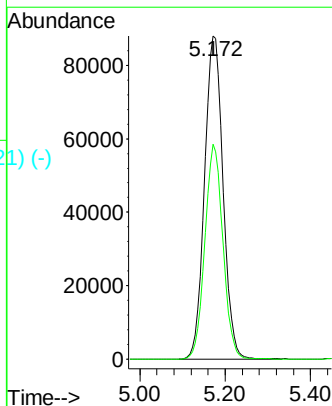
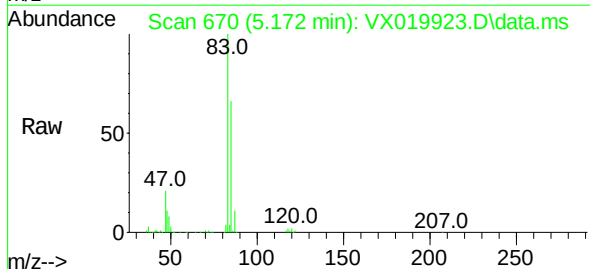
Acq: 12 Dec 2020 11:12

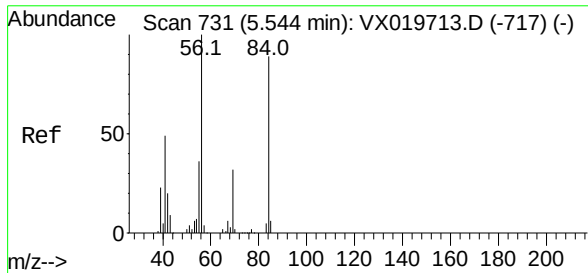
Tgt Ion: 83 Resp: 267617

Ion Ratio Lower Upper

83 100

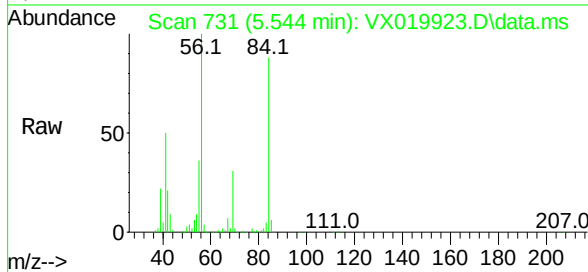
85 66.5 52.0 78.0





#31
Cyclohexane
Concen: 52.45 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

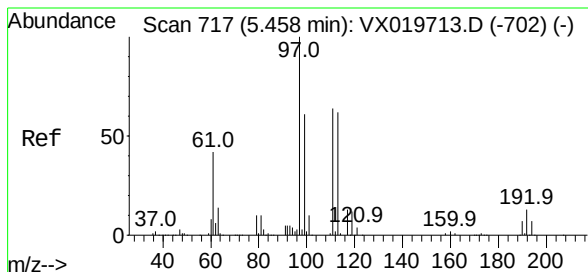
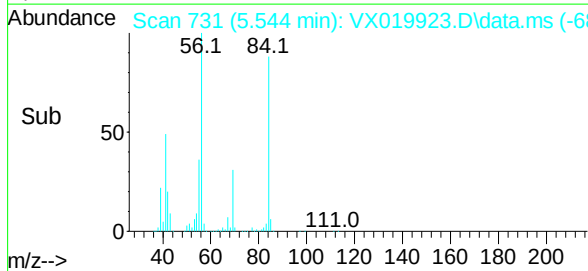
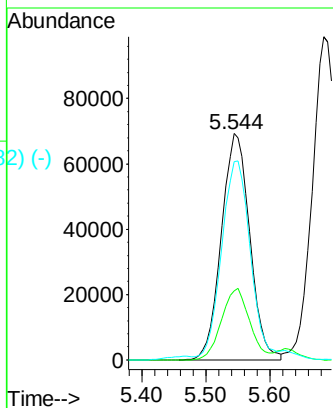
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



Tgt Ion: 56 Resp: 213135
Ion Ratio Lower Upper
56 100
69 30.6 25.3 37.9
84 86.2 71.4 107.0

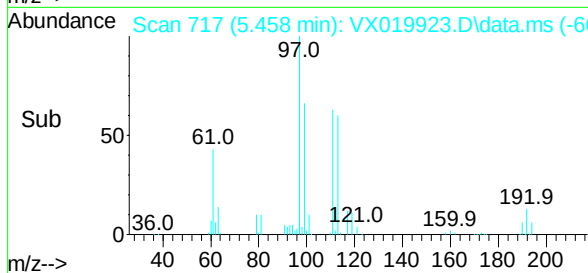
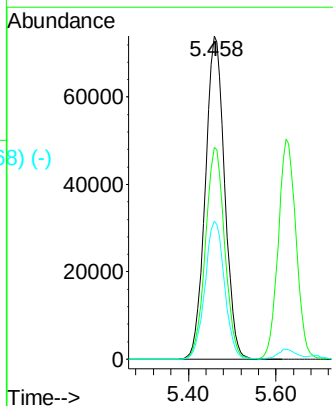
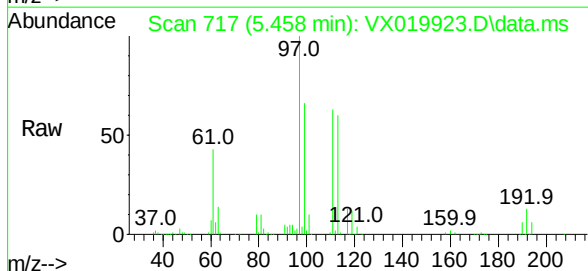
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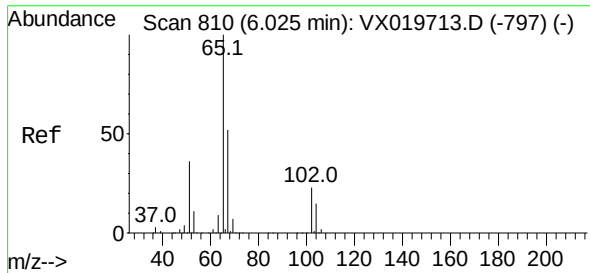
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#32
1,1,1-Trichloroethane
Concen: 54.31 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 97 Resp: 225543
Ion Ratio Lower Upper
97 100
99 65.2 51.5 77.3
61 43.2 34.2 51.4





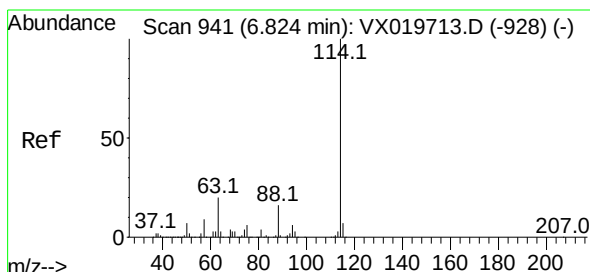
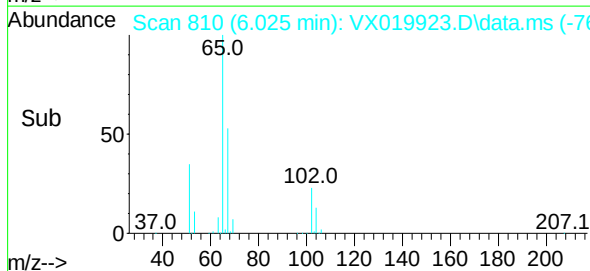
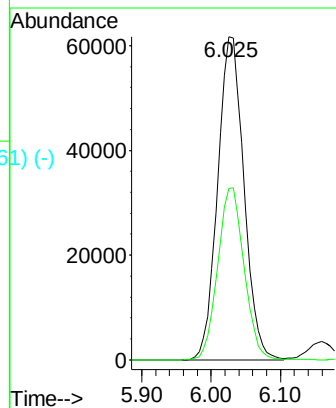
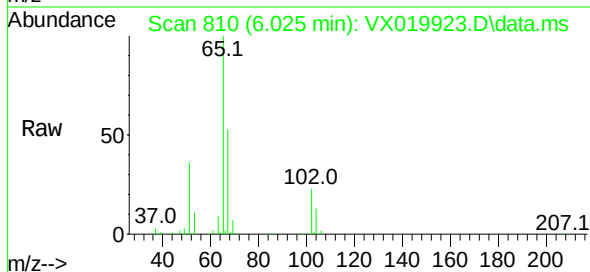
#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12

Tgt Ion: 65 Resp: 161780
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-6008-120920MSD

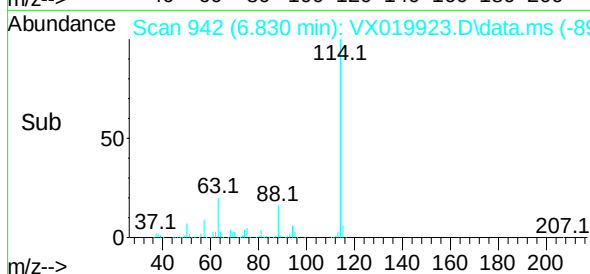
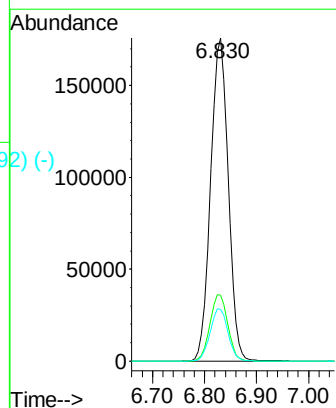
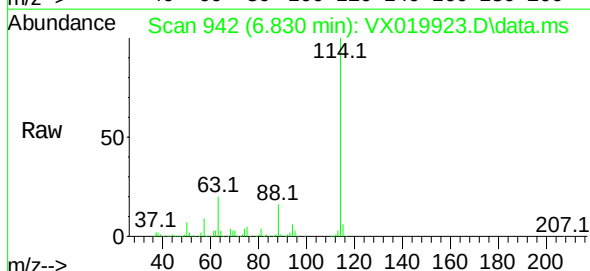
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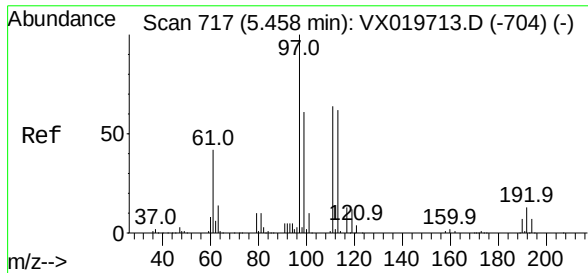
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX019923.D
 Acq: 12 Dec 2020 11:12

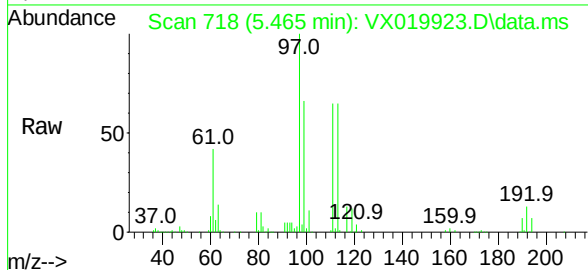
Tgt Ion:114 Resp: 412850
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

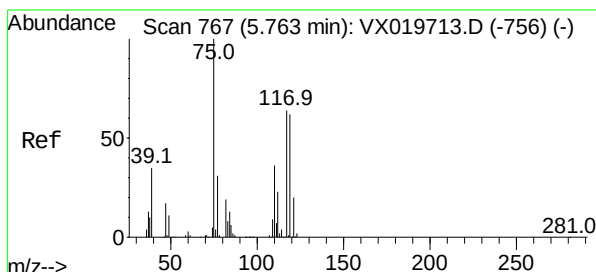
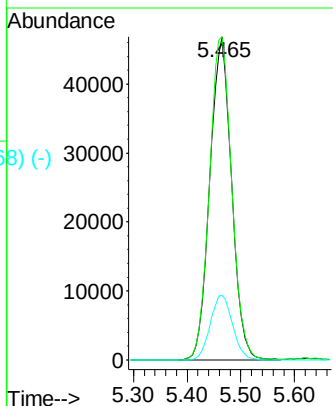
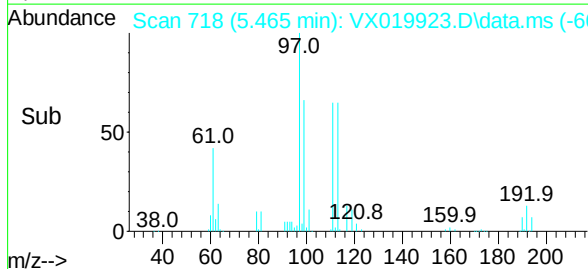
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



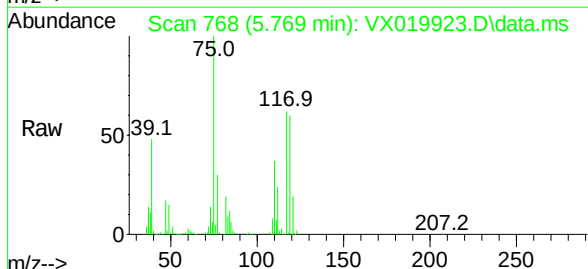
Tgt Ion:113 Resp: 131395
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.4 16.7 25.1

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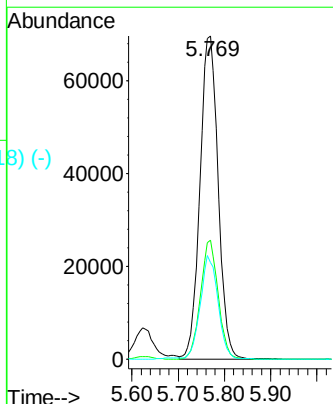
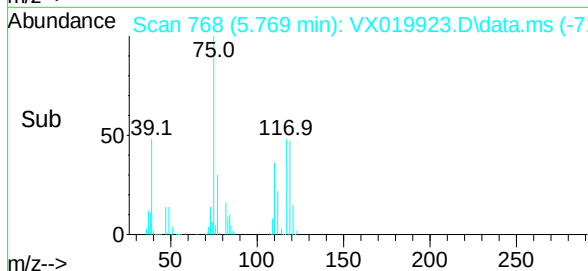
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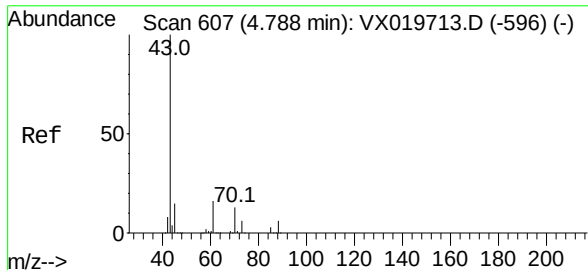


#36
1,1-Dichloropropene
Concen: 50.96 ug/l
RT: 5.769 min Scan# 768
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



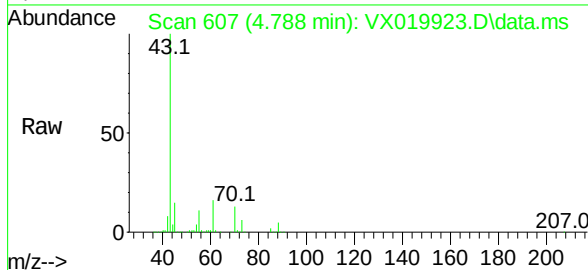
Tgt Ion: 75 Resp: 190111
Ion Ratio Lower Upper
75 100
110 35.6 18.1 54.4
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 49.08 ug/l
RT: 4.788 min Scan# 607
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

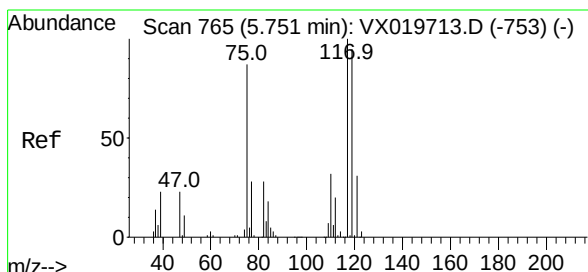
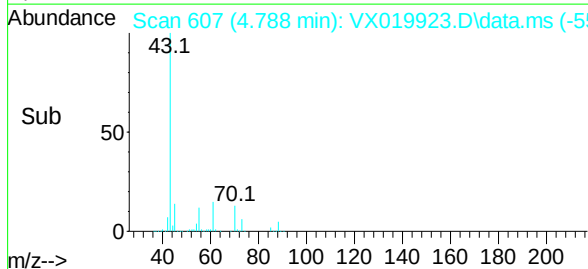
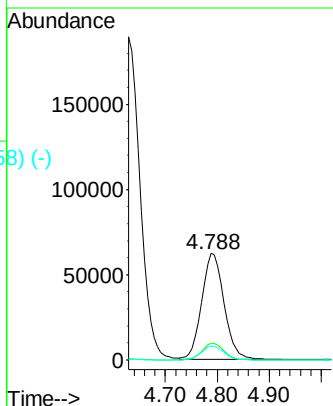


Tgt Ion: 43 Resp: 184879

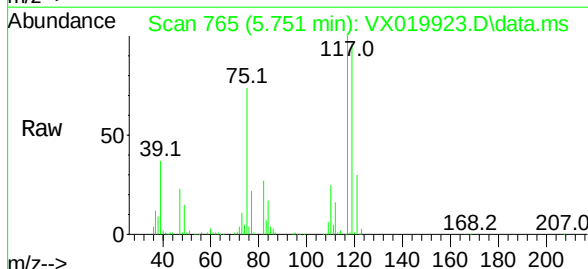
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	12.9	10.5	15.7

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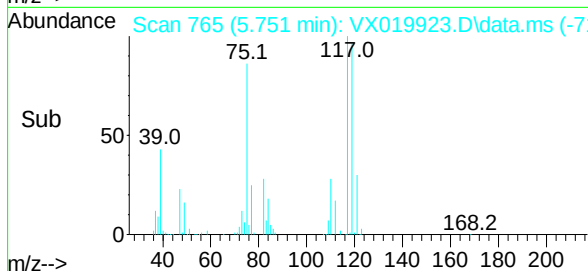
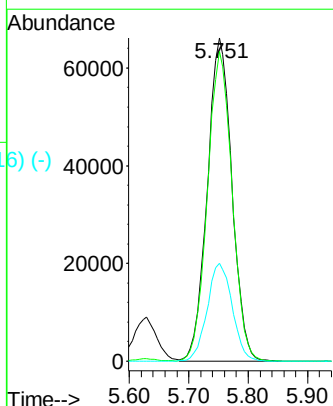


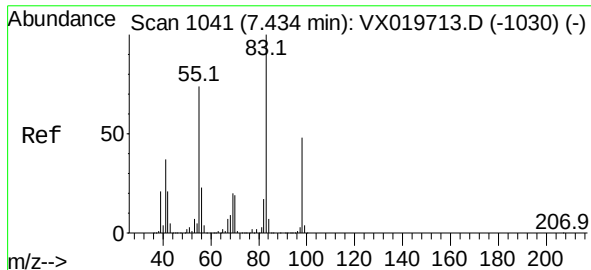
#38
Carbon Tetrachloride
Concen: 52.01 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion: 117 Resp: 190015

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.2
121	30.2	24.8	37.2





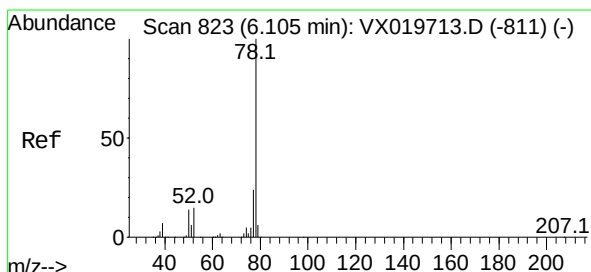
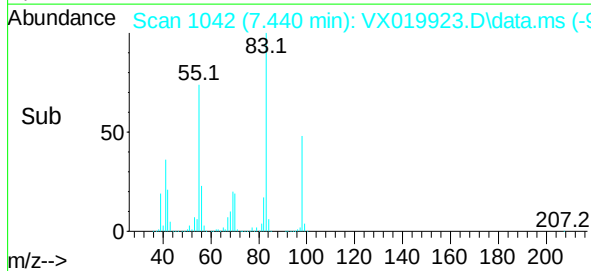
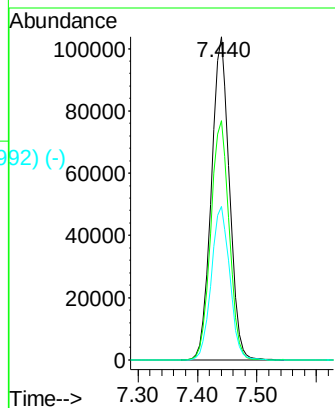
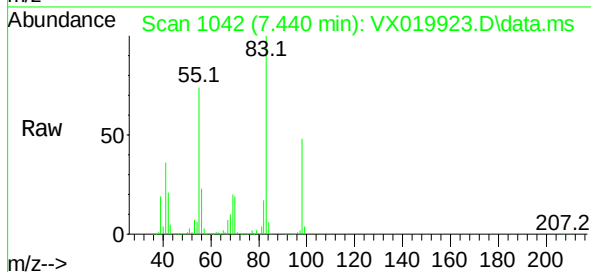
#39
Methylcyclohexane
Concen: 49.67 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion:	83	Resp:	217697
Ion	Ratio	Lower	Upper
83	100		
55	74.1	58.9	88.3
98	47.6	38.1	57.1

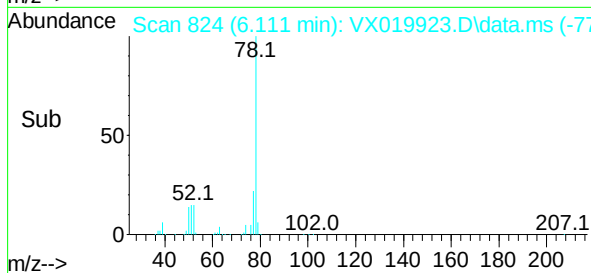
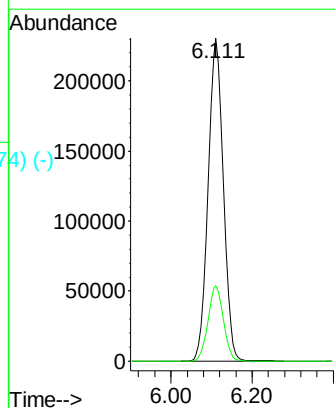
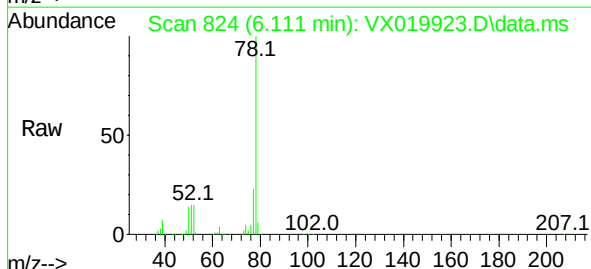
Manual Integrations
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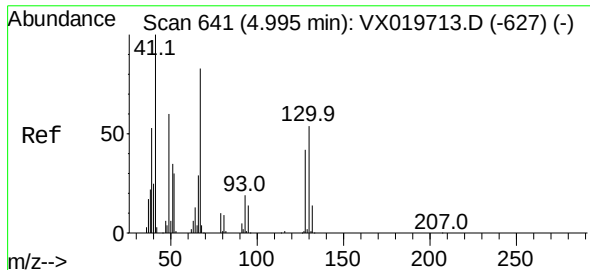
MMDadoda
12/16/2020 1:24:30 PM



#40
Benzene
Concen: 52.78 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

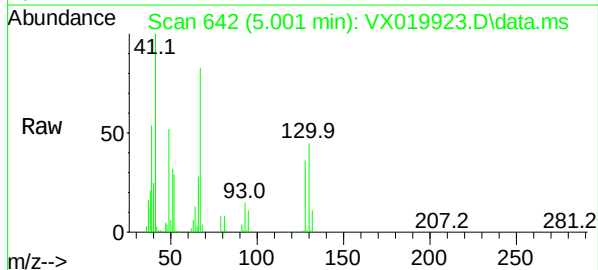
Tgt Ion:	78	Resp:	601429
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3



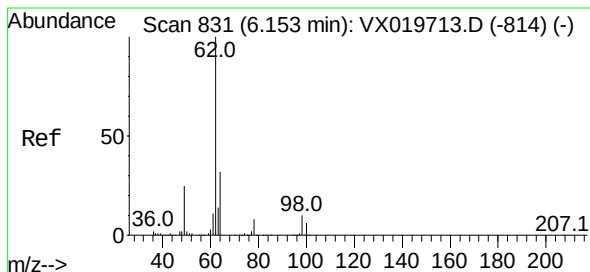
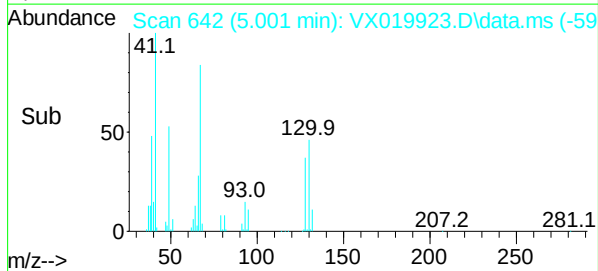
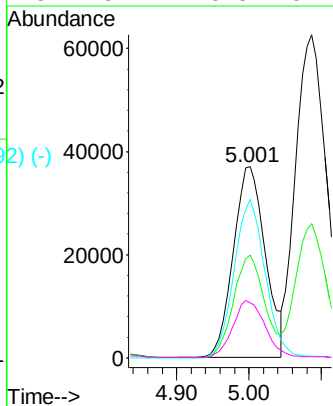


#41
Methacrylonitrile
Concen: 55.19 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

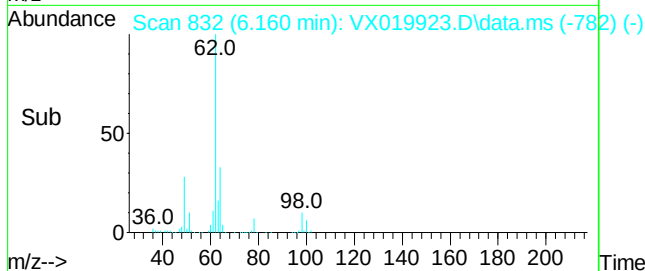
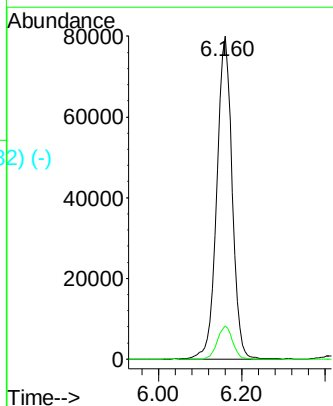
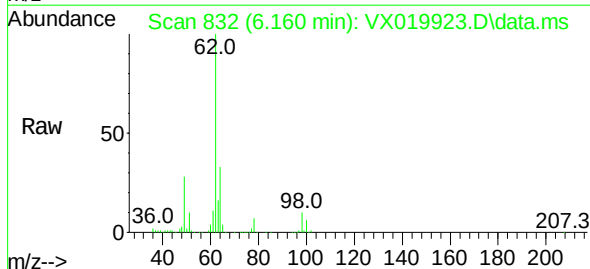


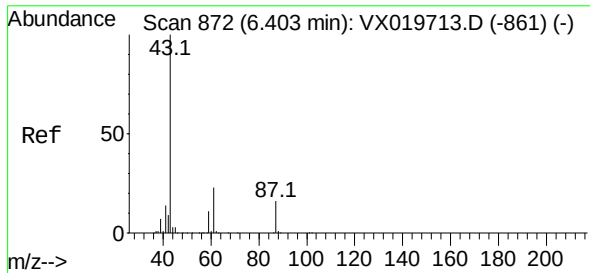
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	81.0	65.0	97.6
52	31.2	25.3	37.9



#42
1,2-Dichloroethane
Concen: 53.25 ug/l
RT: 6.160 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.16 ug/l

RT: 6.409 min Scan# 873

Delta R.T. 0.006 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 43 Resp: 307195

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.4

87 15.2 12.5 18.7

Instrument :

MSVOA_X

ClientSampleId :

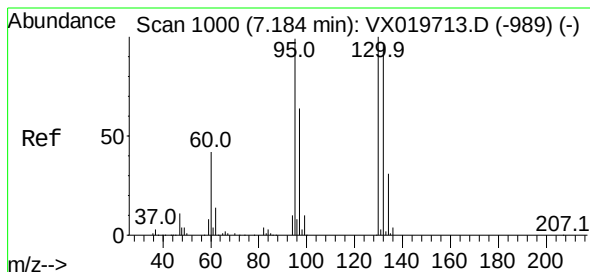
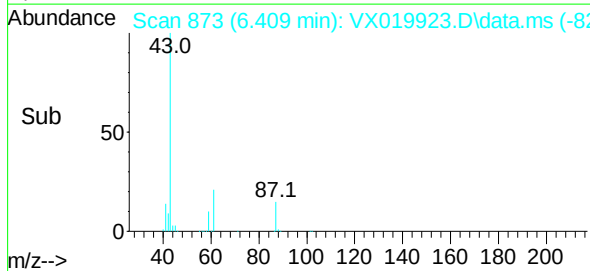
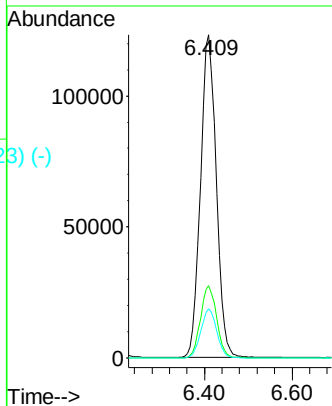
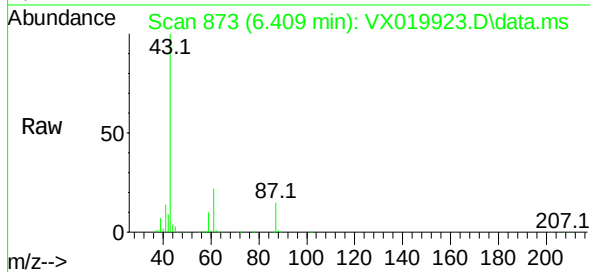
TU032-32-6008-120920MSD

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#44

Trichloroethene

Concen: 51.19 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VX019923.D

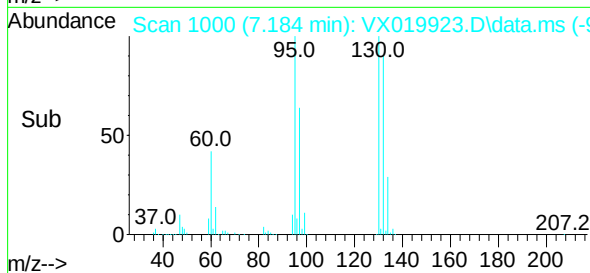
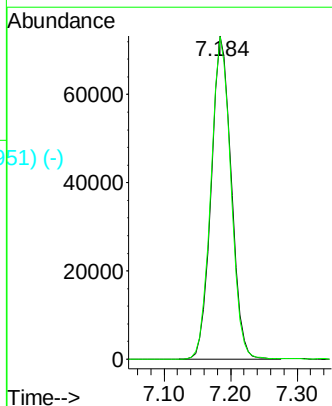
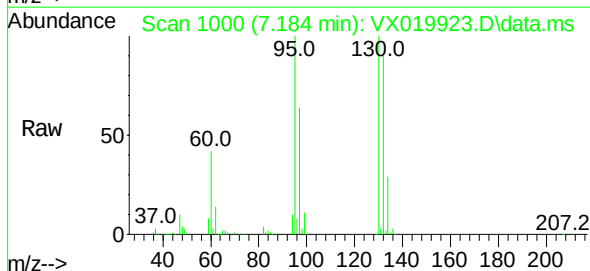
Acq: 12 Dec 2020 11:12

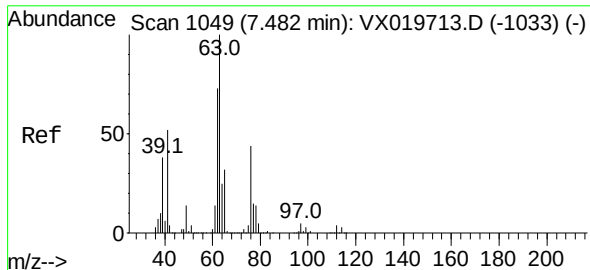
Tgt Ion:130 Resp: 153061

Ion Ratio Lower Upper

130 100

95 99.9 0.0 198.0





#45

1,2-Dichloropropane

Concen: 54.04 ug/l

RT: 7.489 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 63 Resp: 153919

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

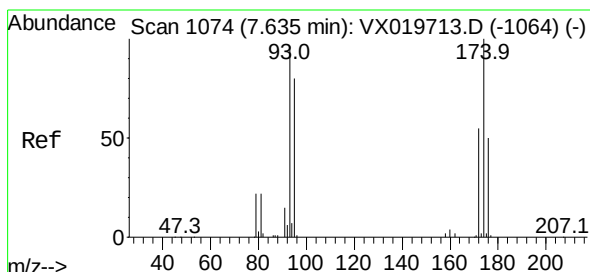
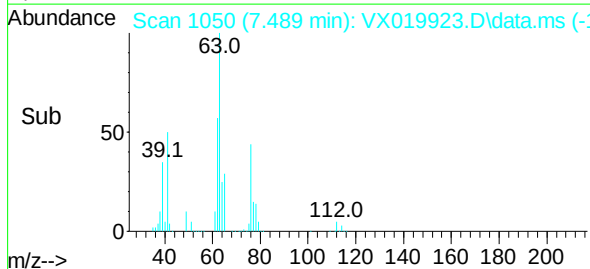
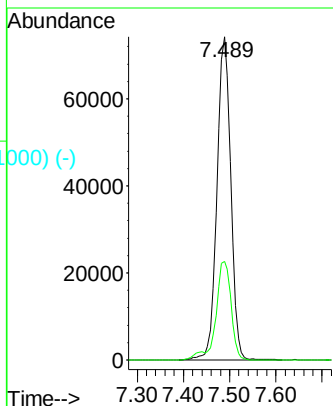
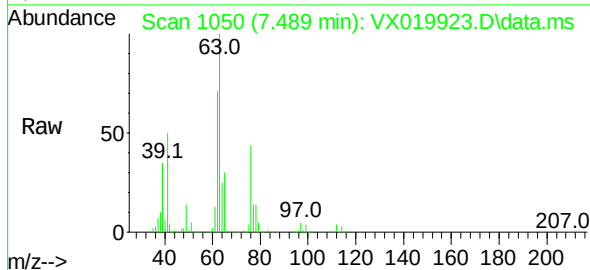
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Manual Integrations

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12/16/2020 1:24:30 PM



#46

Dibromomethane

Concen: 53.91 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

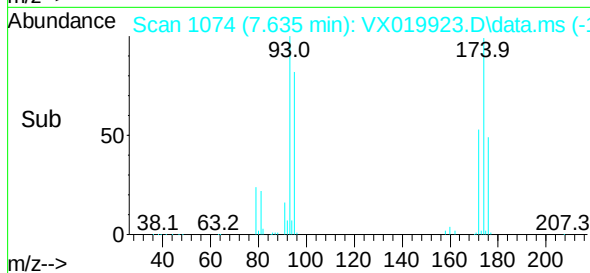
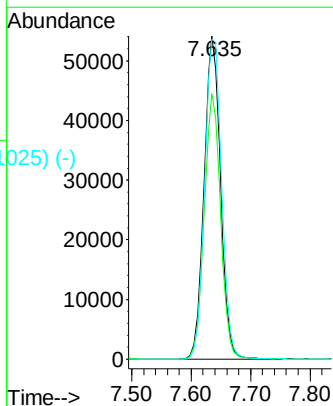
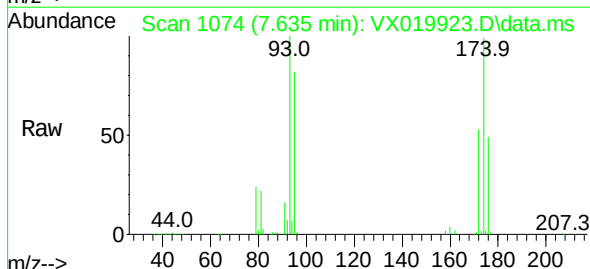
Tgt Ion: 93 Resp: 103694

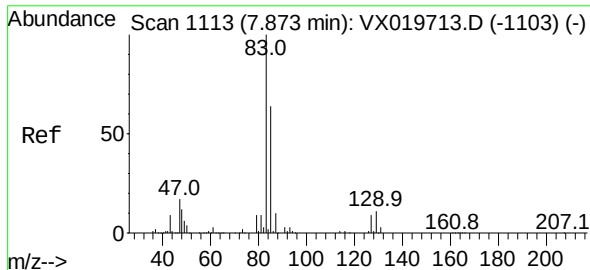
Ion Ratio Lower Upper

93 100

95 81.8 66.8 100.2

174 102.5 83.1 124.7





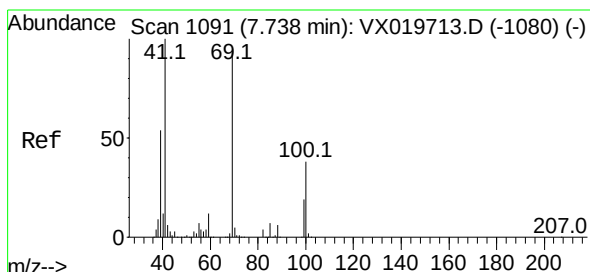
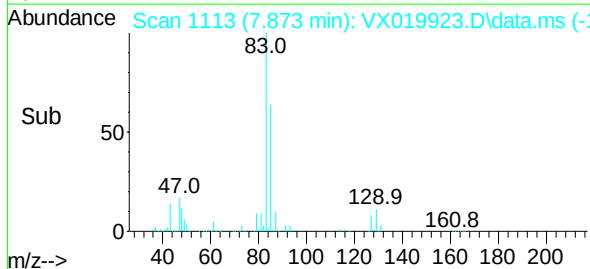
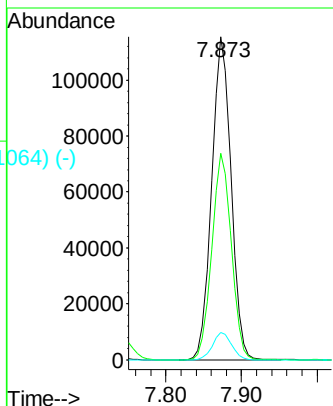
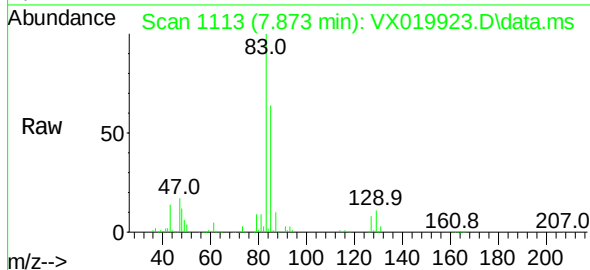
#47
Bromodichloromethane
Concen: 53.90 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion:	83	Resp:	205712
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	8.4	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

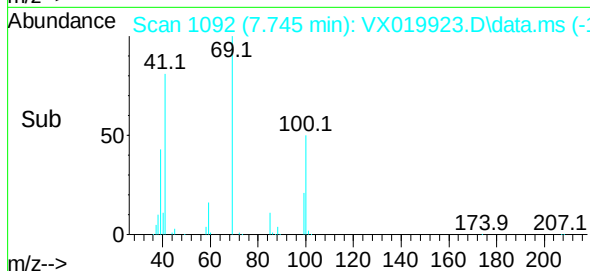
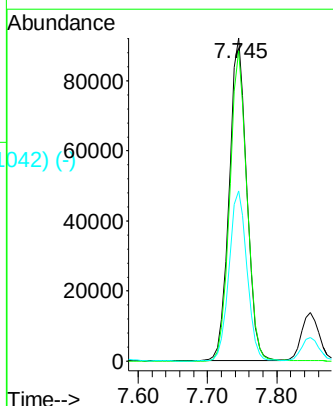
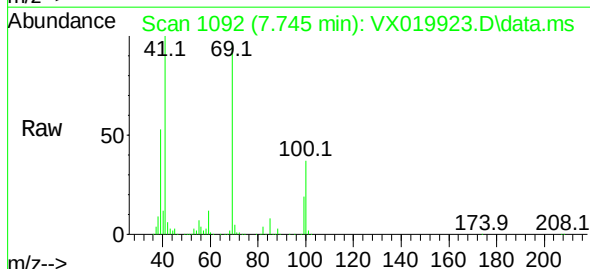
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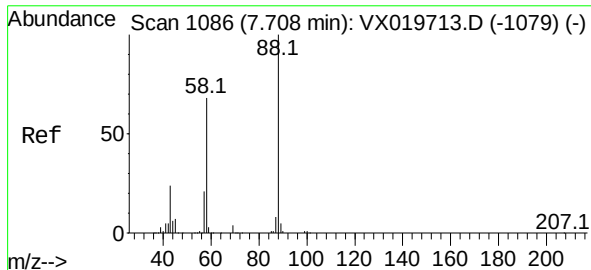
MMDadoda
12/16/2020 1:24:30 PM



#48
Methyl methacrylate
Concen: 53.76 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion:	41	Resp:	161917
Ion	Ratio	Lower	Upper
41	100		
69	94.9	76.0	114.0
39	54.3	44.6	67.0





#49

1,4-Dioxane

Concen: 1024.85 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 88 Resp: 74773

Ion Ratio Lower Upper

88 100

43 28.9 23.2 34.8

58 69.9 55.0 82.4

Instrument :

MSVOA_X

ClientSampleId :

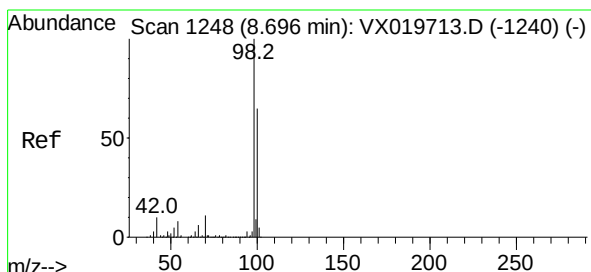
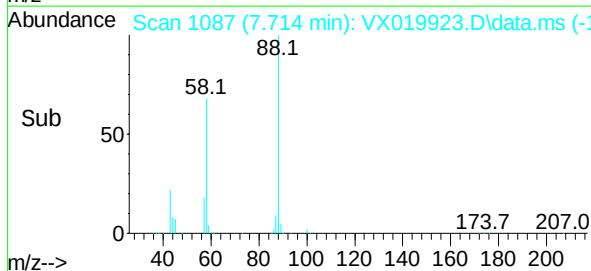
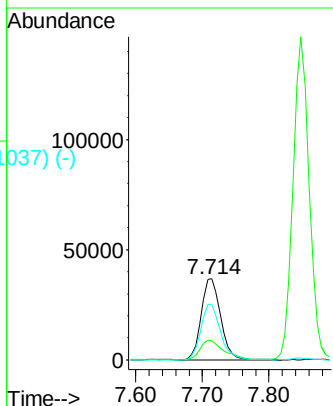
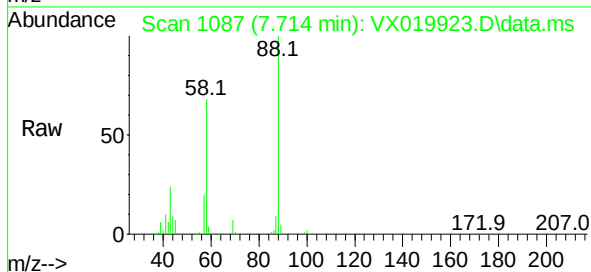
TU032-32-6008-120920MSD

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12/16/2020 1:24:30 PM



#50

Toluene-d8

Concen: 48.82 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VX019923.D

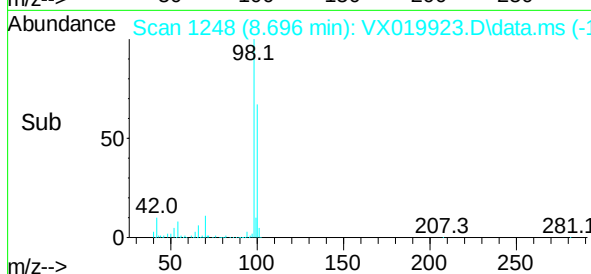
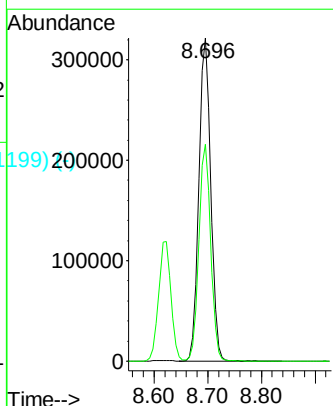
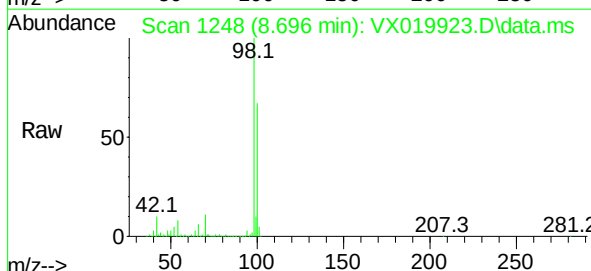
Acq: 12 Dec 2020 11:12

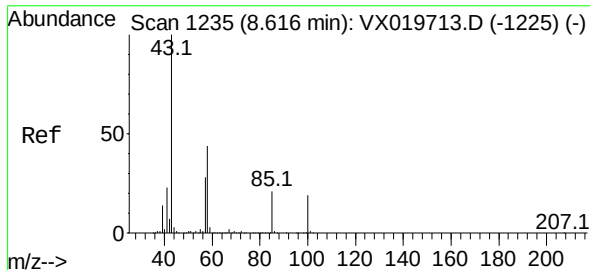
Tgt Ion: 98 Resp: 497312

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9





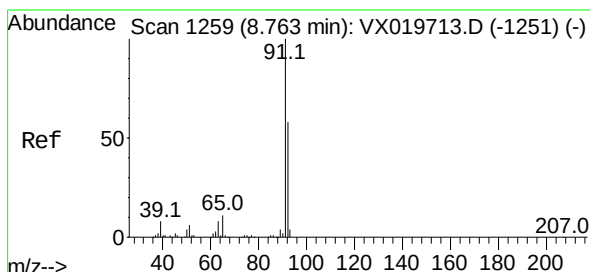
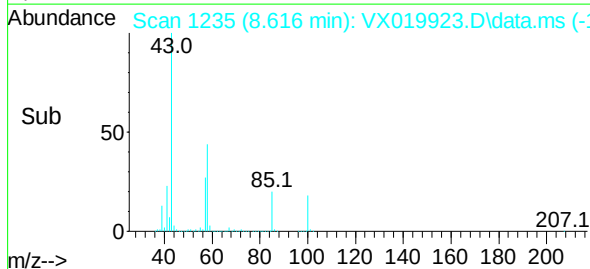
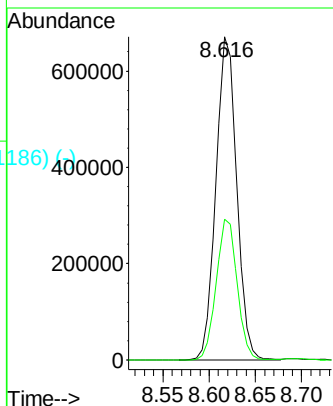
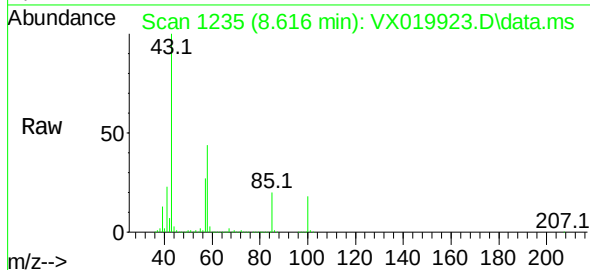
#51
4-Methyl-2-Pentanone
Concen: 280.41 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion: 43 Resp: 1048425
Ion Ratio Lower Upper
43 100
58 43.9 35.4 53.0

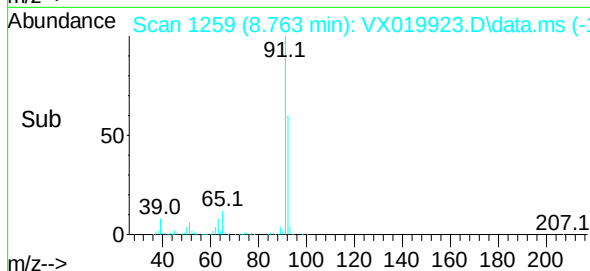
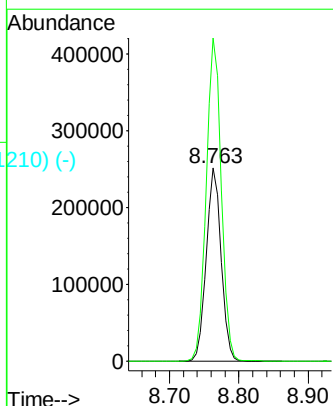
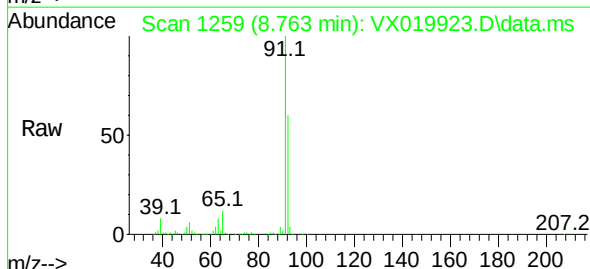
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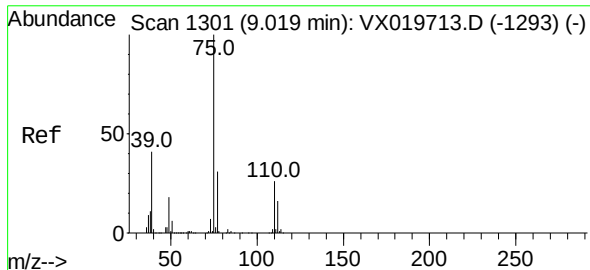
MMDadoda
12/16/2020 1:24:30 PM



#52
Toluene
Concen: 52.62 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

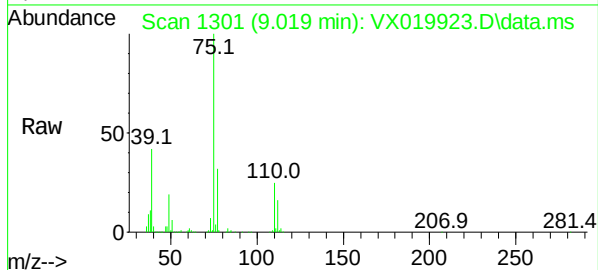
Tgt Ion: 92 Resp: 375058
Ion Ratio Lower Upper
92 100
91 169.5 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 50.41 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

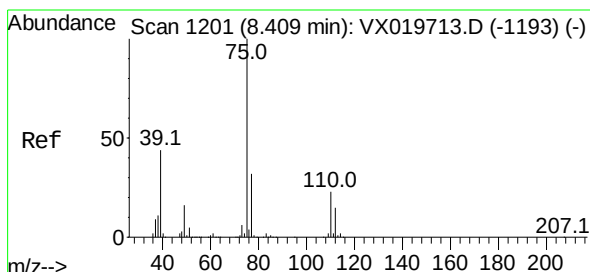
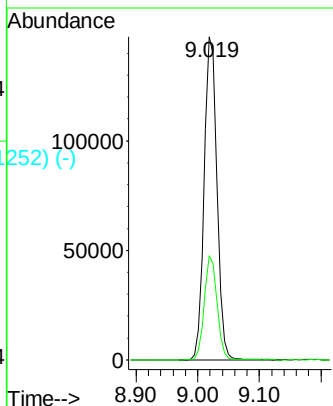
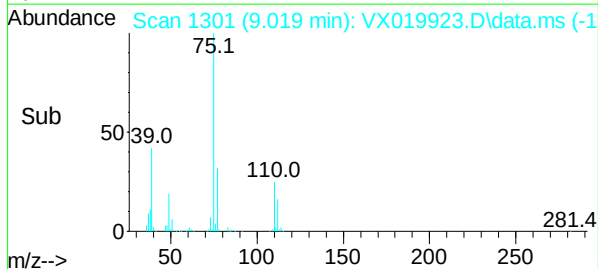
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



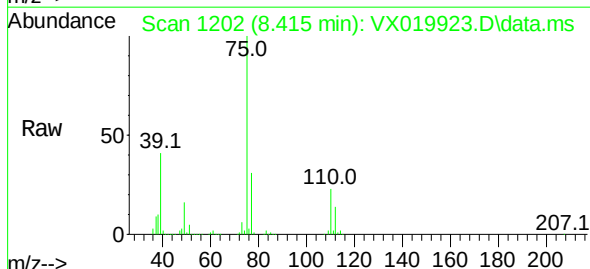
Tgt Ion: 75 Resp: 213500
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3

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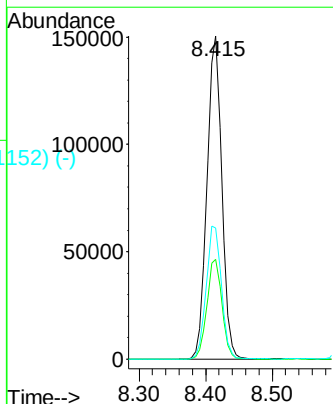
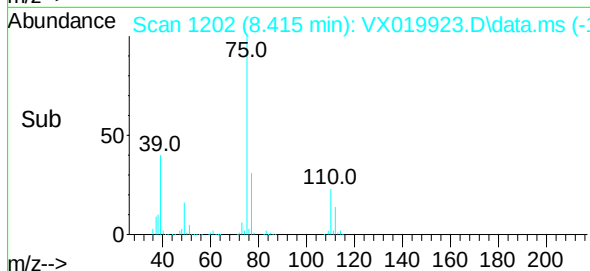
MMDadoda
12/16/2020 1:24:30 PM

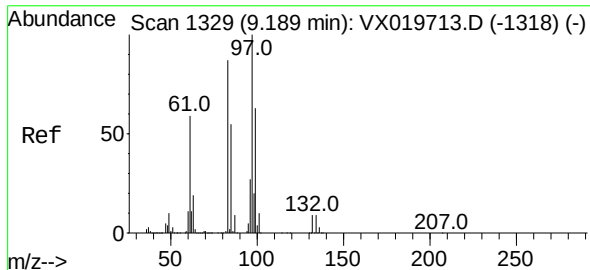


#54
cis-1,3-Dichloropropene
Concen: 50.72 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



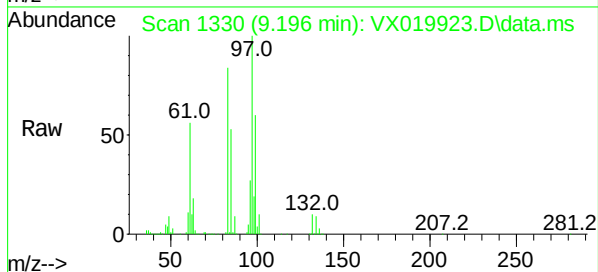
Tgt Ion: 75 Resp: 233355
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 40.5 35.1 52.7



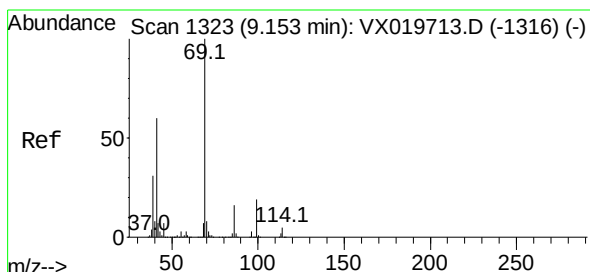
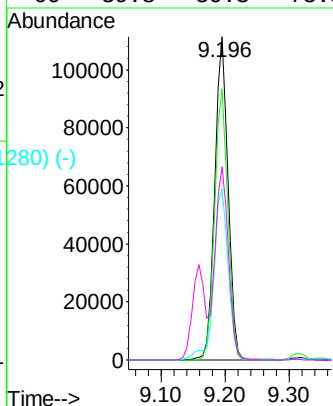
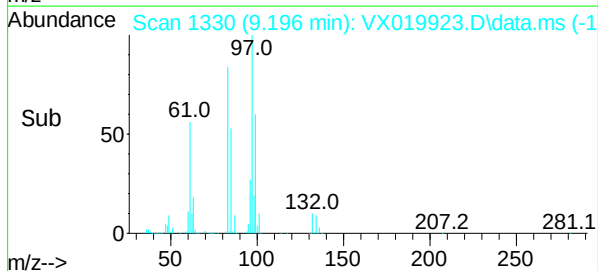


#55
1,1,2-Trichloroethane
Concen: 55.43 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

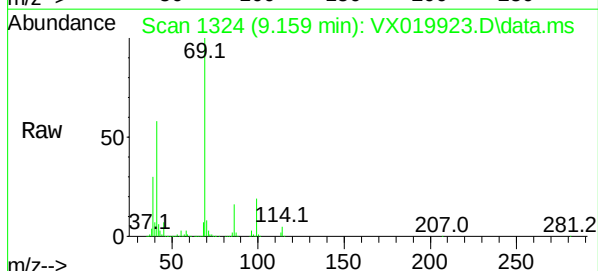
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



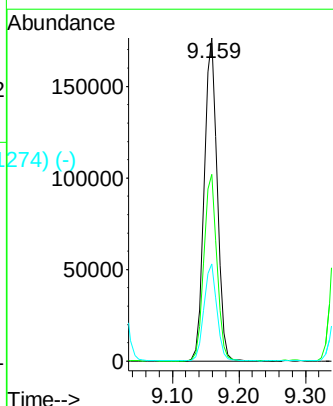
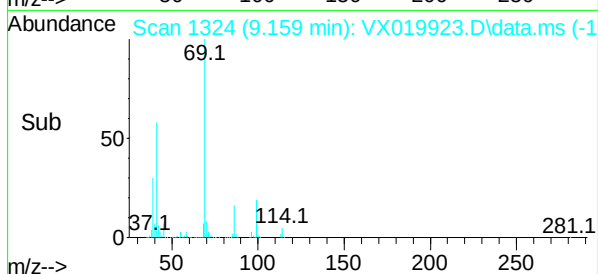
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.3	103.9
85	53.2	44.3	66.5
99	59.8	50.3	75.5

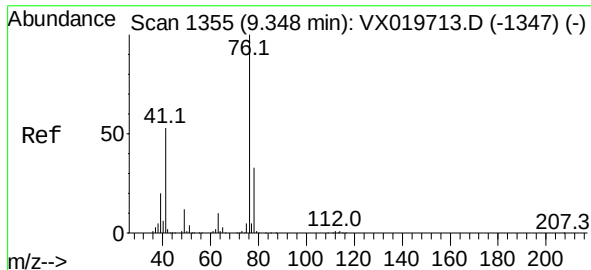


#56
Ethyl methacrylate
Concen: 55.00 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



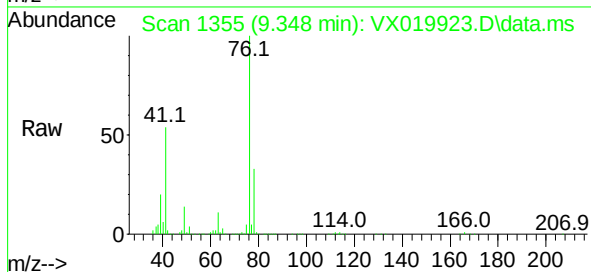
Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.8	70.2
39	29.9	24.7	37.1





#57
1,3-Dichloropropane
Concen: 54.06 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

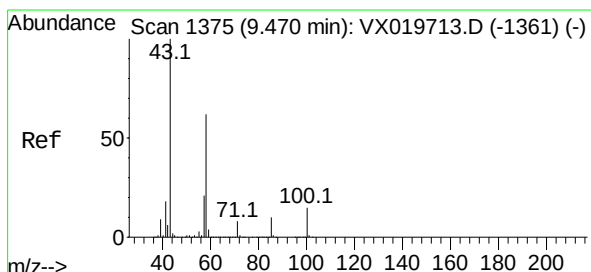
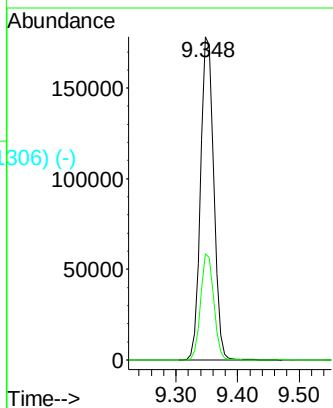
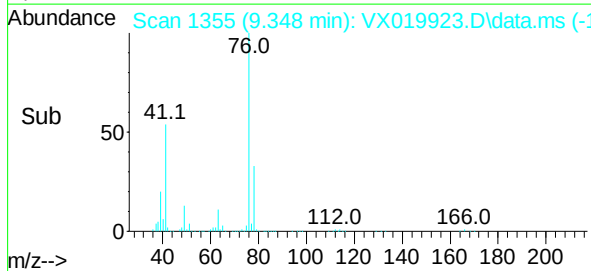
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



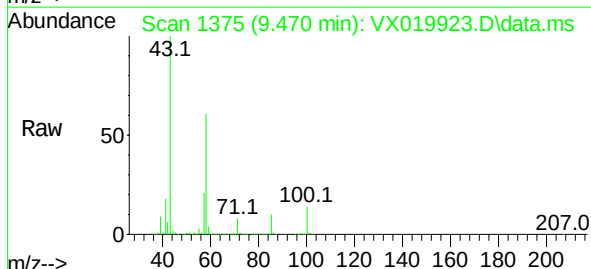
Tgt Ion: 76 Resp: 265158
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

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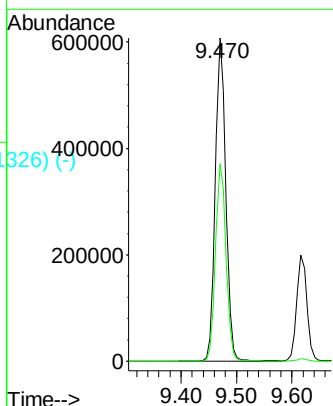
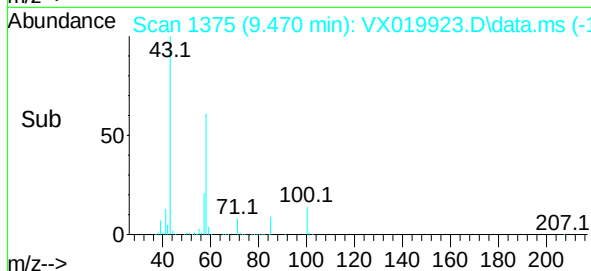
MMDadoda
12/16/2020 1:24:30 PM

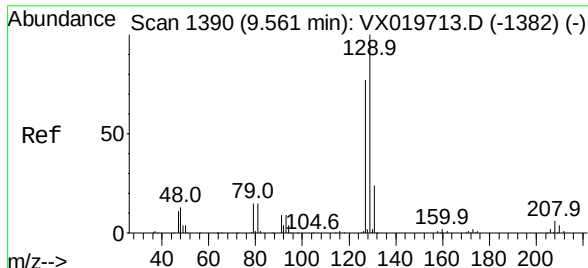


#59
2-Hexanone
Concen: 273.38 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion: 43 Resp: 792275
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.8

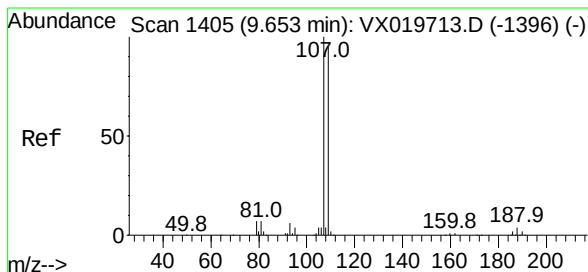
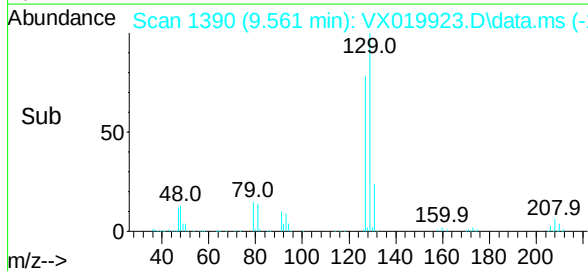
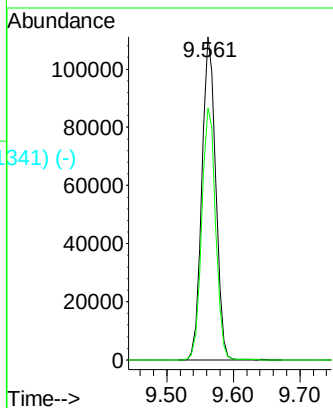
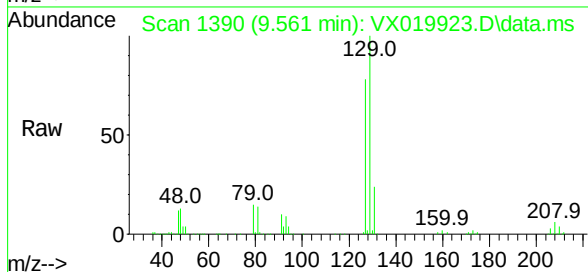




#60
Dibromochloromethane
Concen: 54.90 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

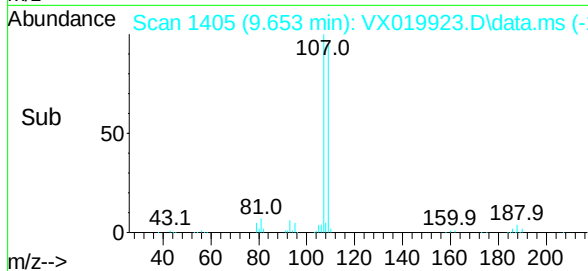
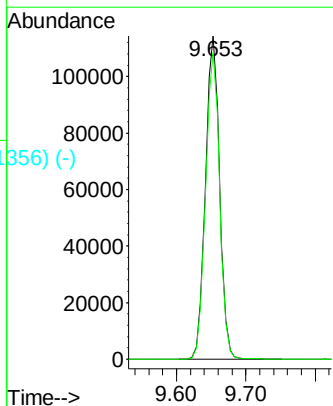
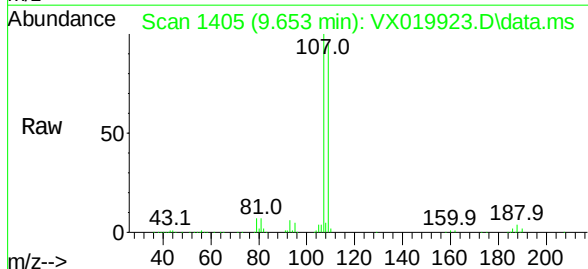
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

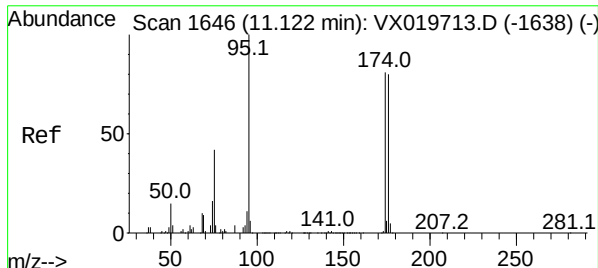
Tgt Ion:129 Resp: 160222
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2



#61
1,2-Dibromoethane
Concen: 53.09 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

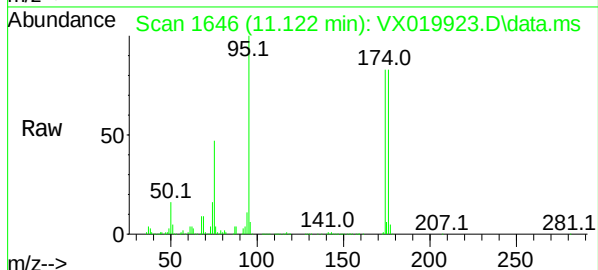
Tgt Ion:107 Resp: 161922
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6





#62
4-Bromofluorobenzene
Concen: 49.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

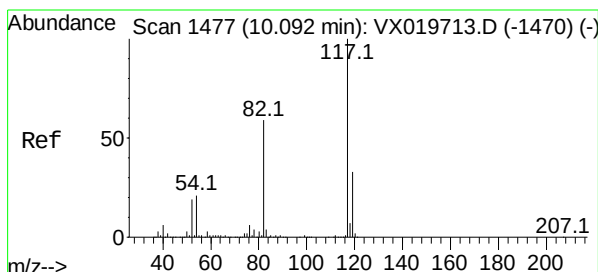
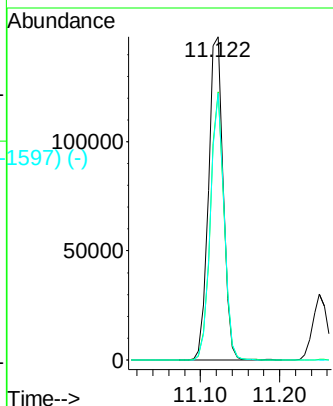
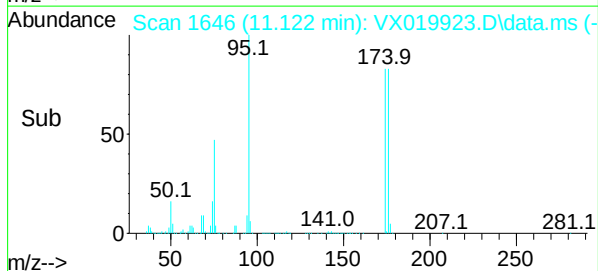
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



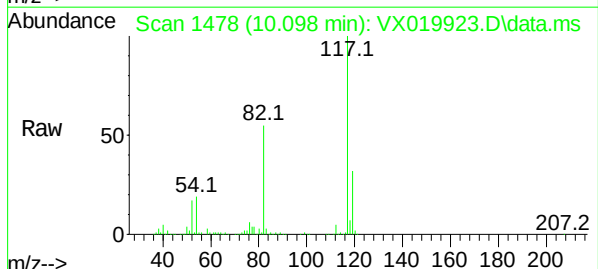
Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	154.6
176	77.0	0.0	155.8

Manual Integrations
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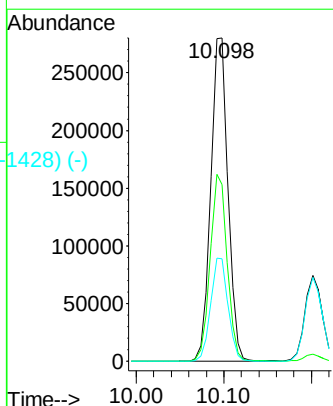
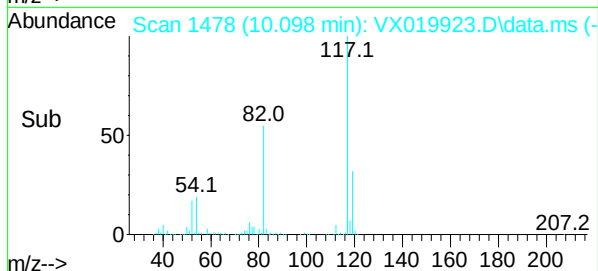
MMDadoda
12/16/2020 1:24:30 PM

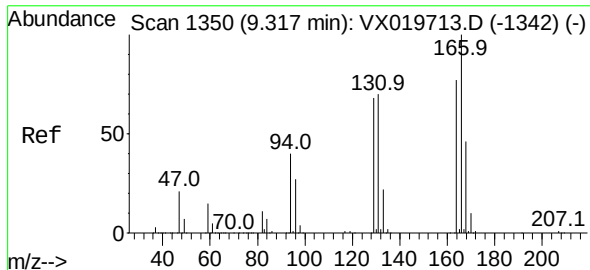


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



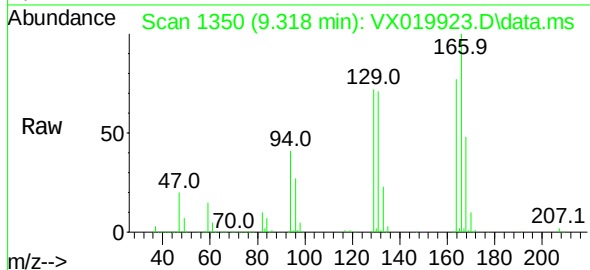
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.4	71.2
119	31.6	26.6	39.8



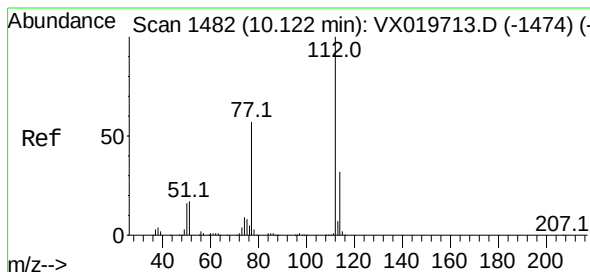
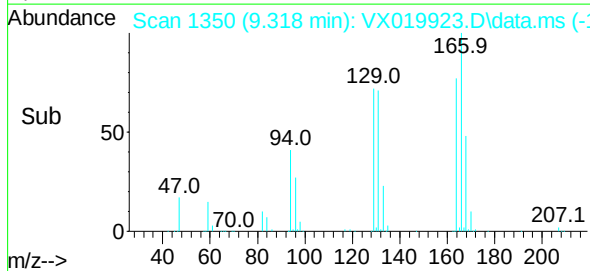
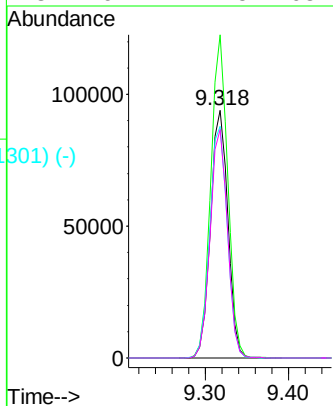


#64
Tetrachloroethene
Concen: 53.02 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

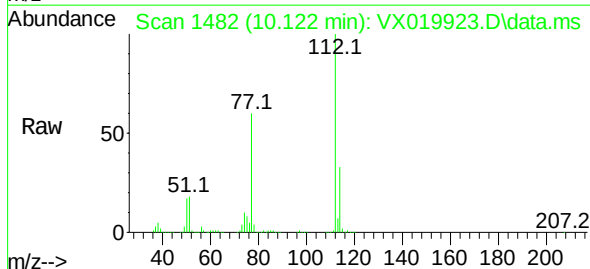
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



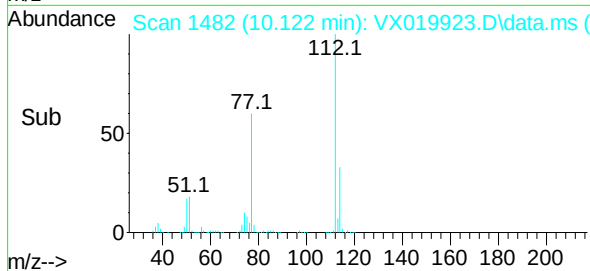
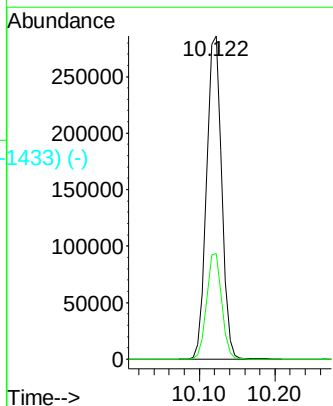
Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	103.4	155.2
129	93.4	70.8	106.2
131	92.2	72.5	108.7

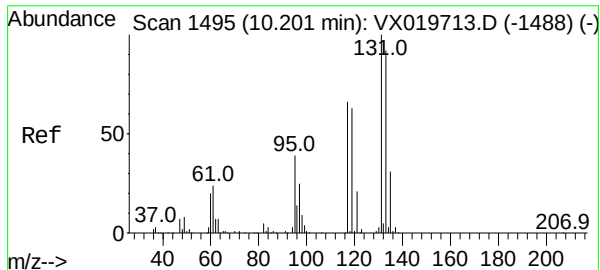


#65
Chlorobenzene
Concen: 51.72 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.6





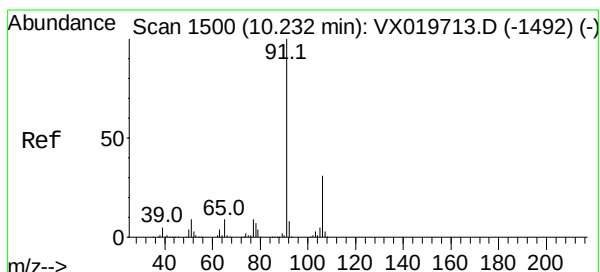
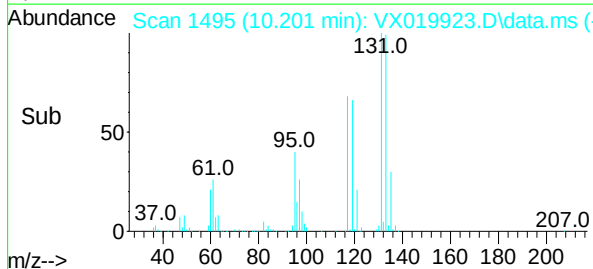
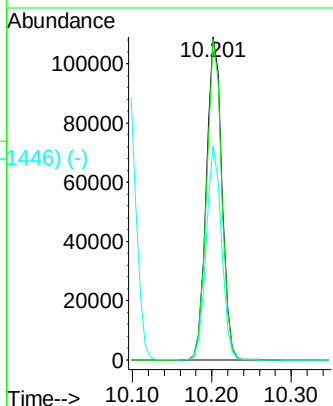
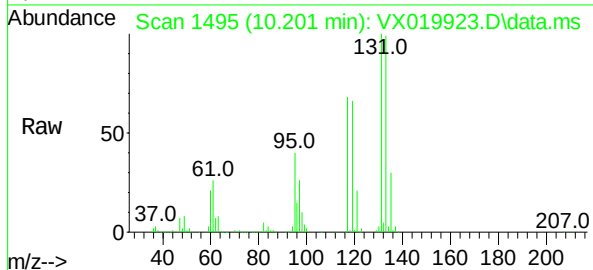
#66
1,1,1,2-Tetrachloroethane
Concen: 53.94 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion:131 Resp: 147751
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 65.8 32.1 96.5

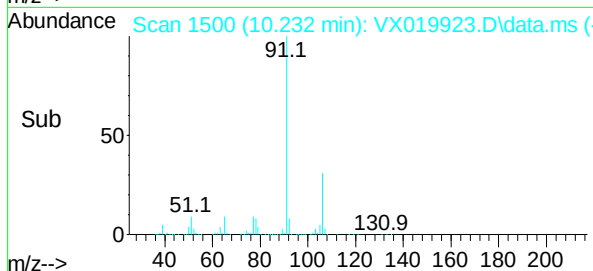
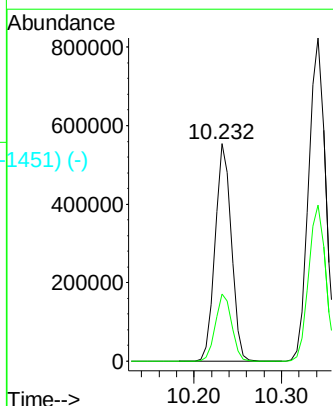
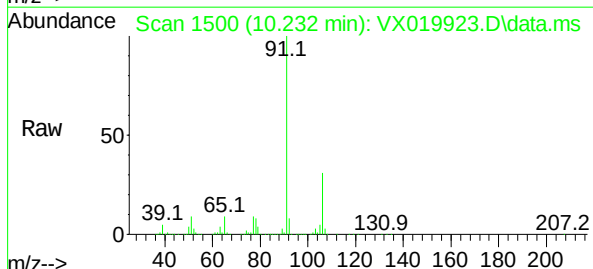
Manual Integrations
APPROVED

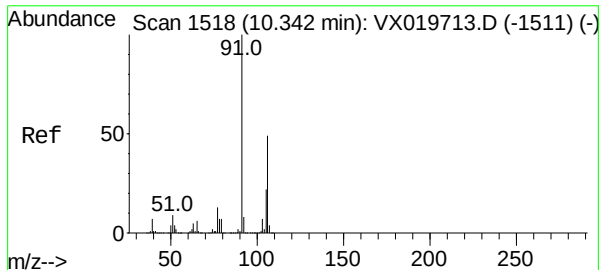
MMDadoda
12/16/2020 1:24:30 PM



#67
Ethyl Benzene
Concen: 52.80 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

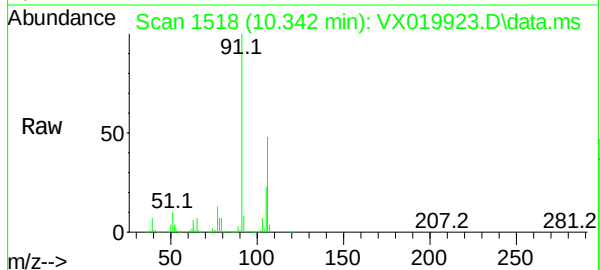
Tgt Ion: 91 Resp: 713263
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0





#68
m/p-Xylenes
Concen: 104.57 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

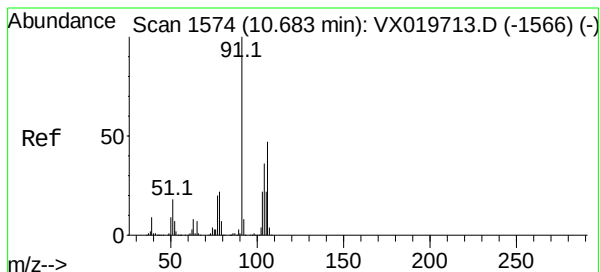
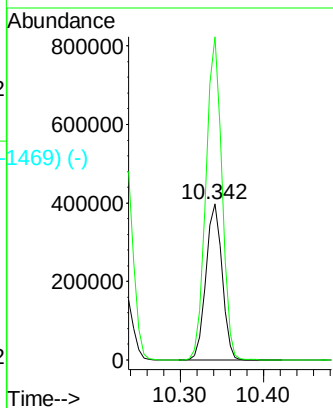
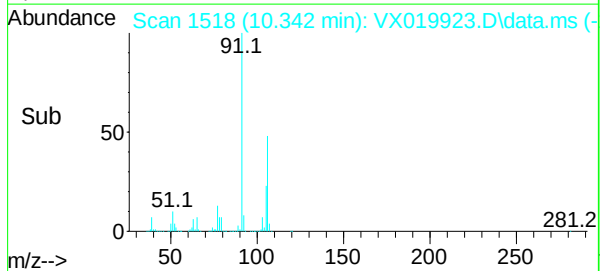
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



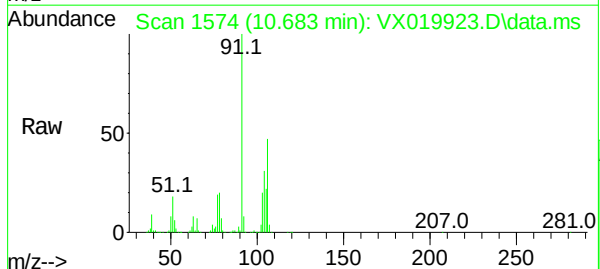
Tgt Ion:106 Resp: 532357
Ion Ratio Lower Upper
106 100
91 205.0 162.8 244.2

Manual Integrations
APPROVED

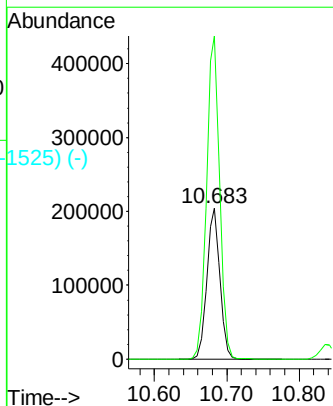
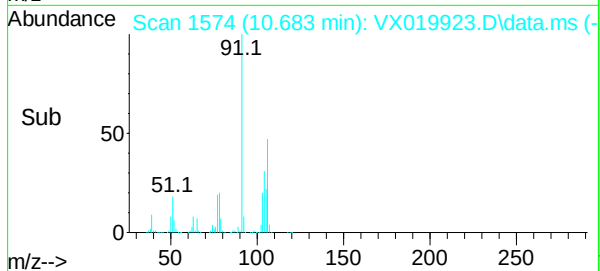
MMDadoda
12/16/2020 1:24:30 PM

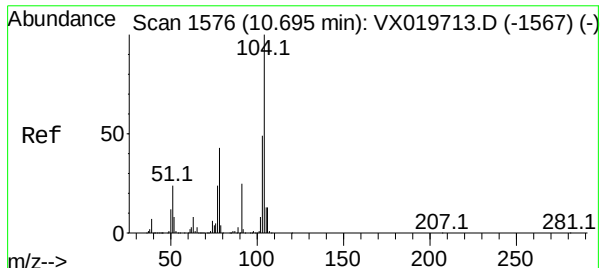


#69
o-Xylene
Concen: 52.70 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion:106 Resp: 258056
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.2





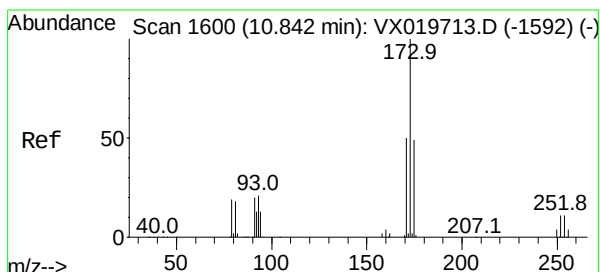
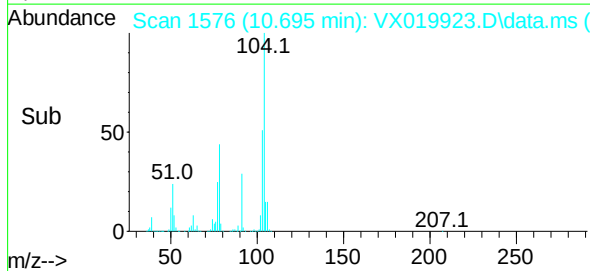
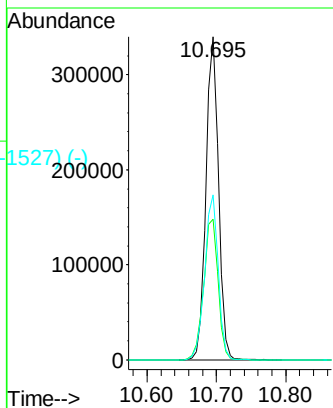
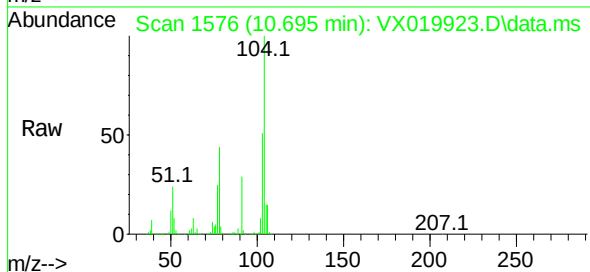
#70
Styrene
Concen: 51.41 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.0	60.0
103	55.3	43.4	65.0

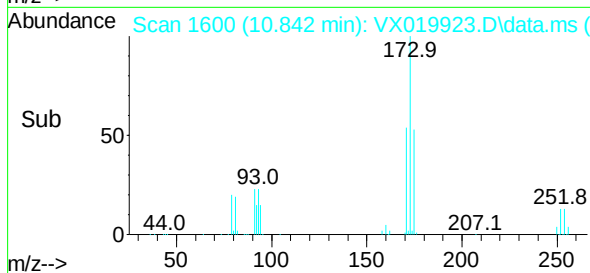
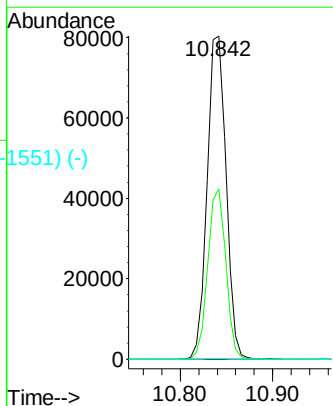
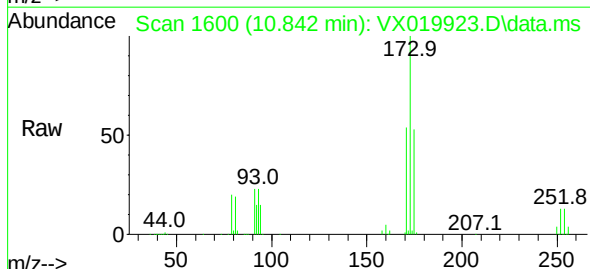
Manual Integrations
APPROVED

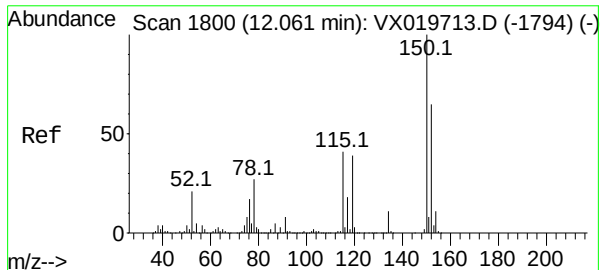
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12/16/2020 1:24:30 PM



#71
Bromoform
Concen: 52.69 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

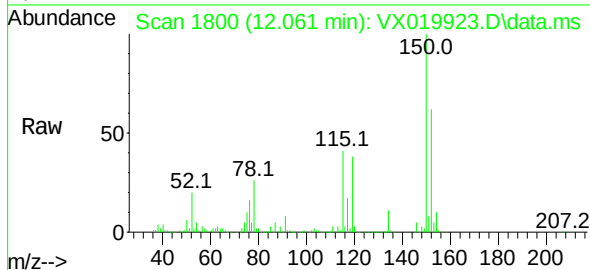
Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.9	71.8
254	0.1	0.1	0.1#



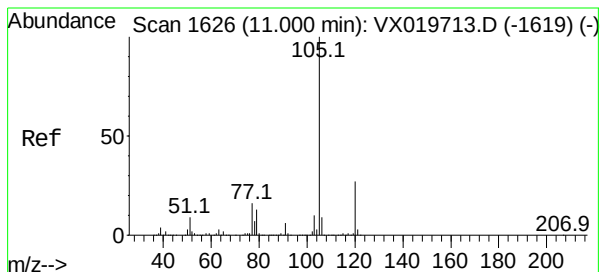
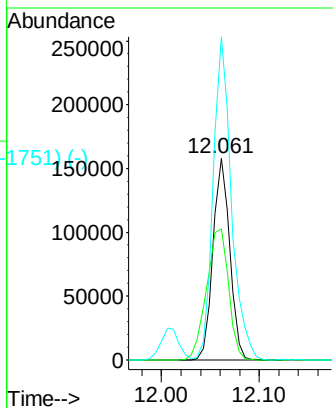
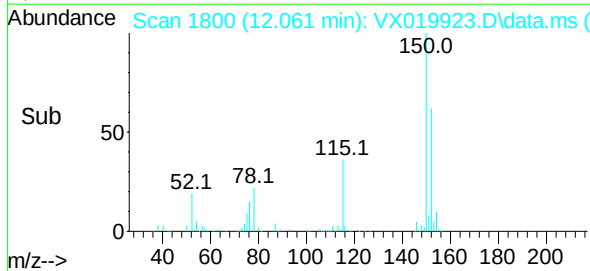


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

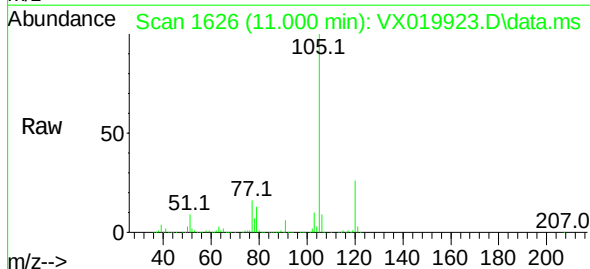
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



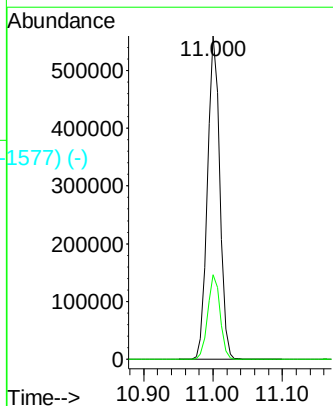
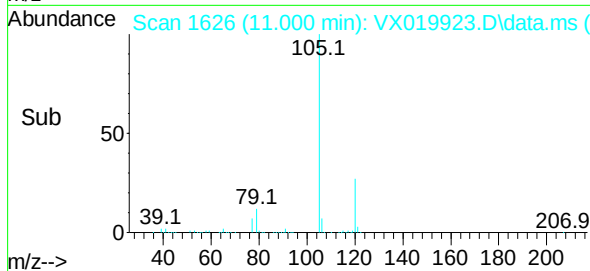
Tgt Ion:152 Resp: 187519
Ion Ratio Lower Upper
152 100
115 85.5 41.1 123.3
150 174.3 0.0 349.0

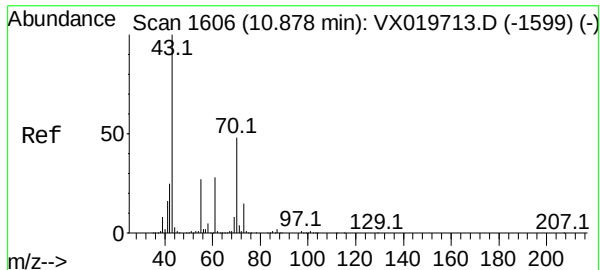


#73
Isopropylbenzene
Concen: 54.27 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



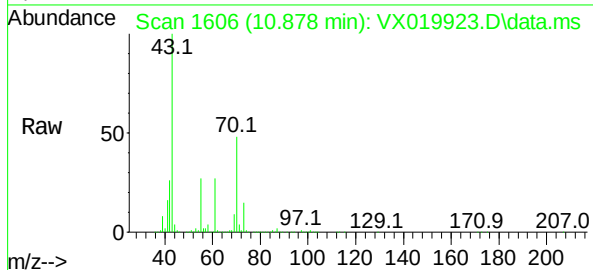
Tgt Ion:105 Resp: 695320
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6



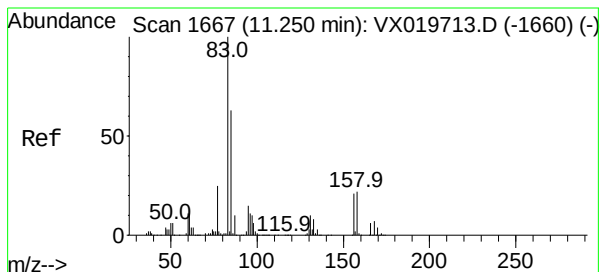
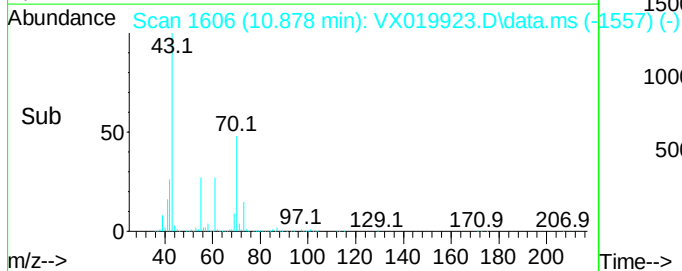
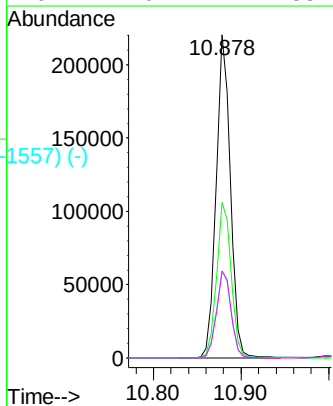


#74
N-amyI acetate
Concen: 48.47 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

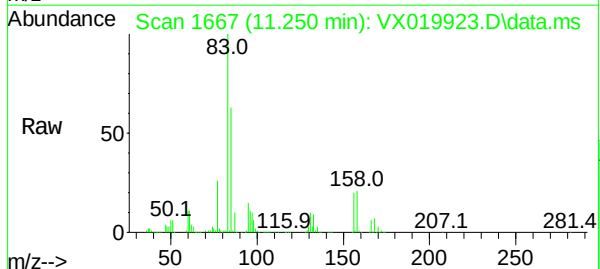
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



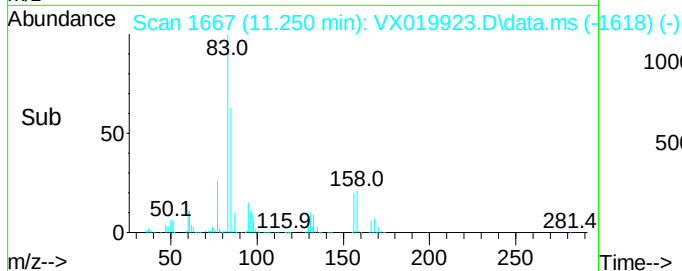
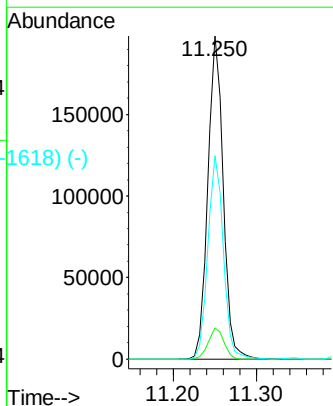
Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.6	39.0	58.6
55	28.1	21.5	32.3
61	27.6	22.1	33.1

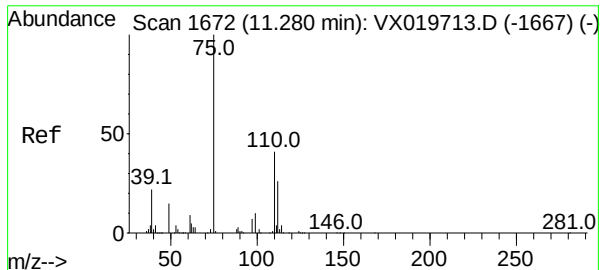


#75
1,1,2,2-Tetrachloroethane
Concen: 55.81 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.2
85	63.5	31.8	95.4





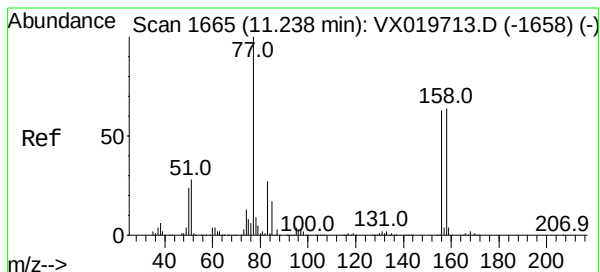
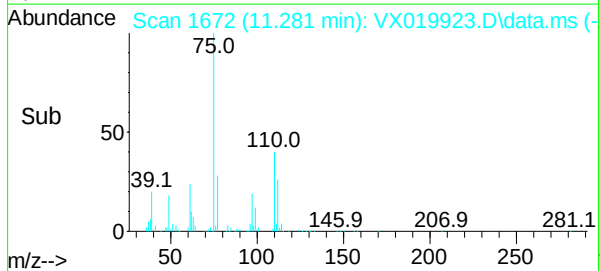
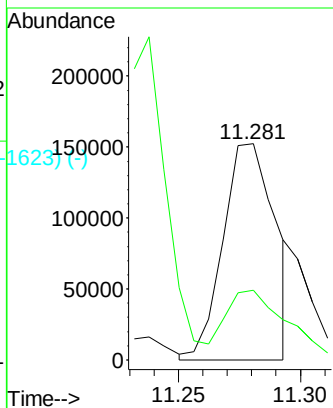
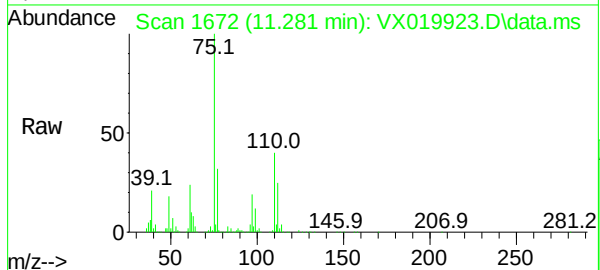
#76
1,2,3-Trichloropropane
Concen: 54.06 ug/l m
RT: 11.281 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion: 75 Resp: 227360
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

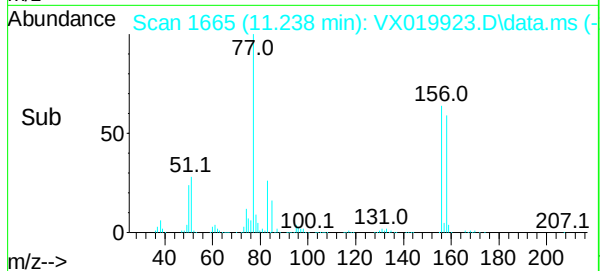
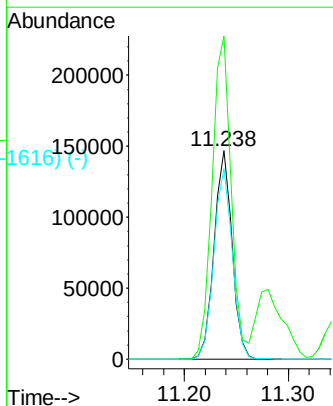
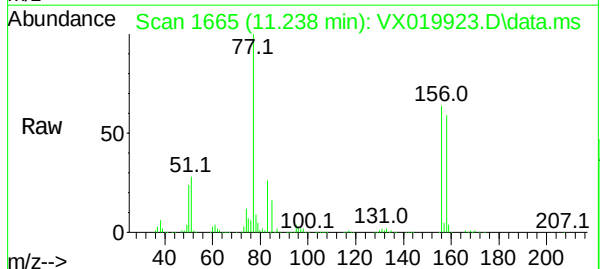
Manual Integrations
APPROVED

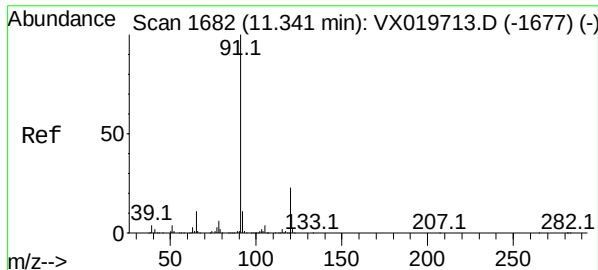
MMDadoda
12/16/2020 1:24:30 PM



#77
Bromobenzene
Concen: 53.89 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

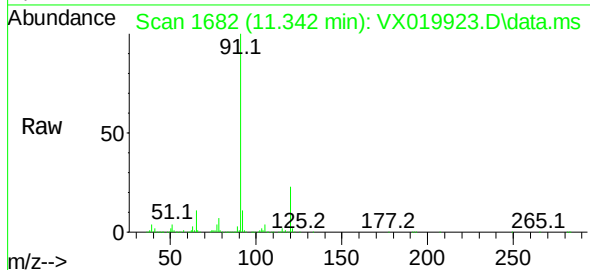
Tgt Ion:156 Resp: 176686
Ion Ratio Lower Upper
156 100
77 164.1 82.8 248.6
158 94.2 49.1 147.4





#78
n-propylbenzene
Concen: 53.67 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

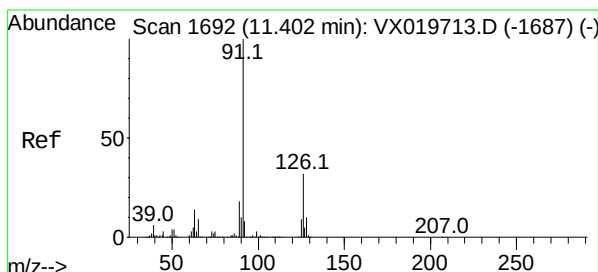
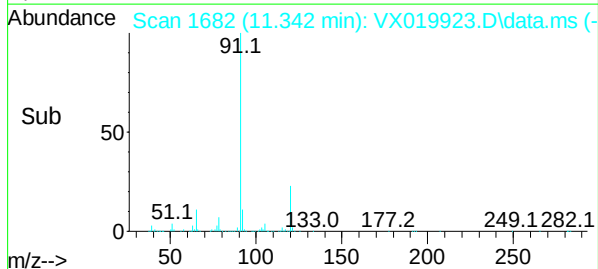
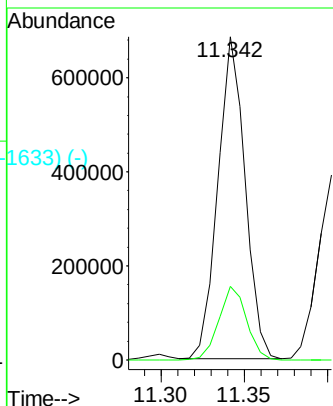
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



Tgt Ion: 91 Resp: 785309
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5

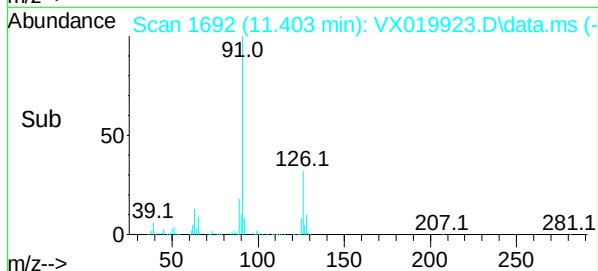
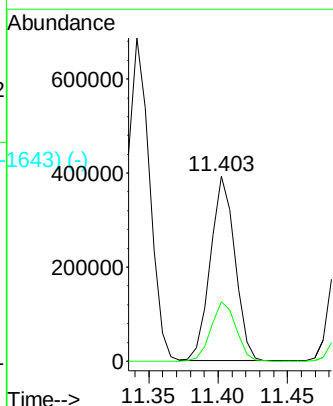
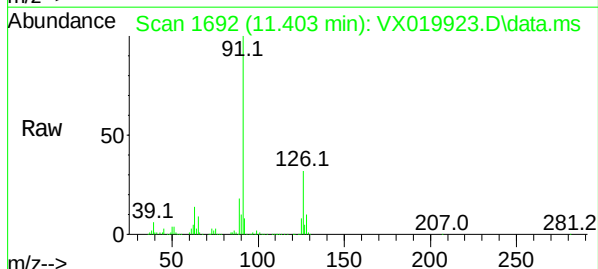
Manual Integrations
APPROVED

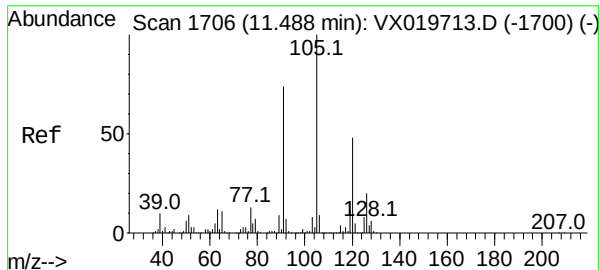
MMDadoda
12/16/2020 1:24:30 PM



#79
2-Chlorotoluene
Concen: 53.72 ug/l
RT: 11.403 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

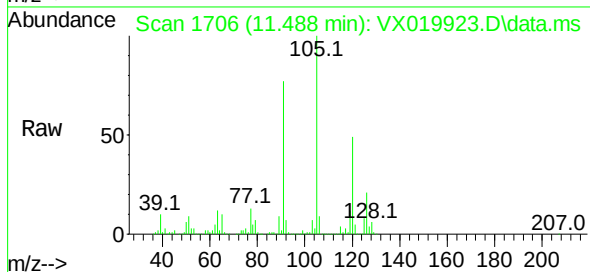
Tgt Ion: 91 Resp: 484043
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.8





#80
1,3,5-Trimethylbenzene
Concen: 54.25 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

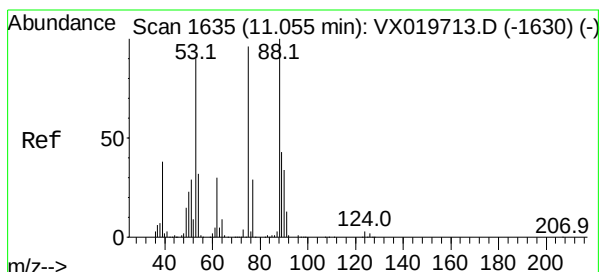
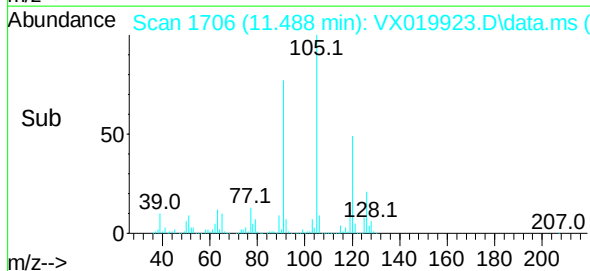
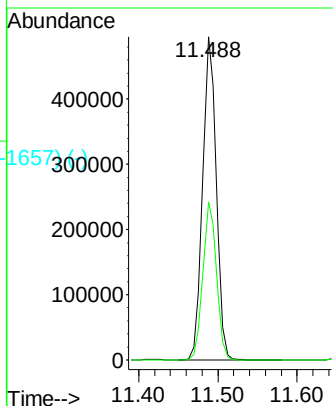
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



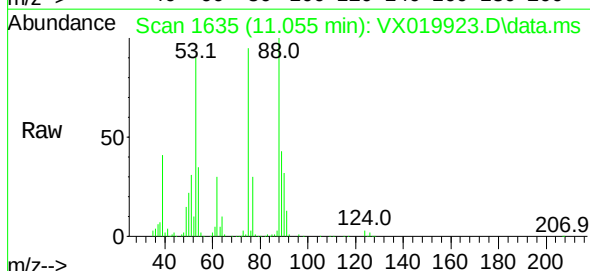
Tgt Ion:105 Resp: 586546
Ion Ratio Lower Upper
105 100
120 49.0 23.8 71.5

Manual Integrations
APPROVED

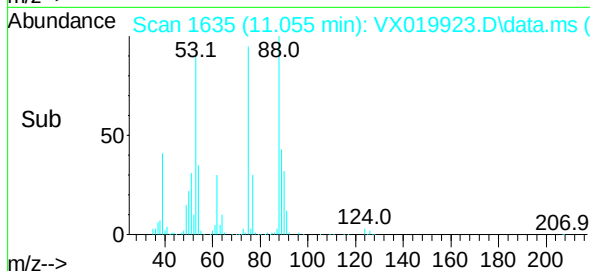
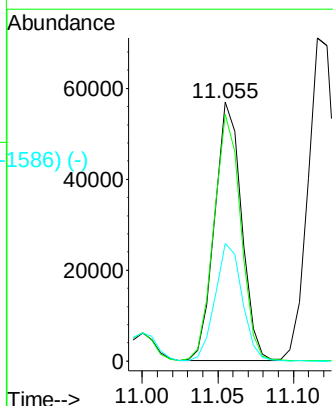
MMDadoda
12/16/2020 1:24:30 PM

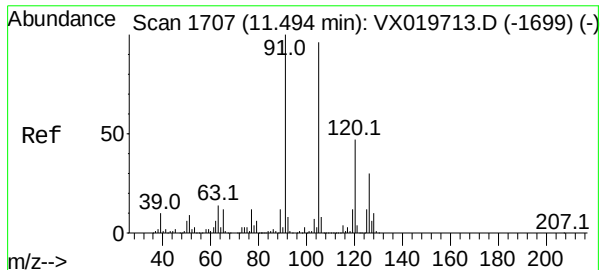


#81
trans-1,4-Dichloro-2-butene
Concen: 48.12 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion: 75 Resp: 70013
Ion Ratio Lower Upper
75 100
53 94.9 74.5 111.7
89 45.7 37.9 56.9





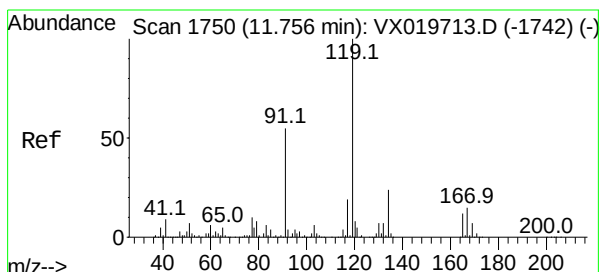
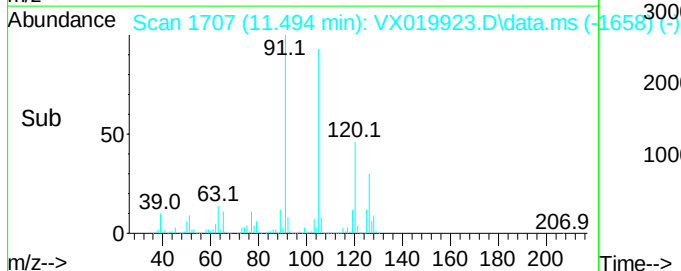
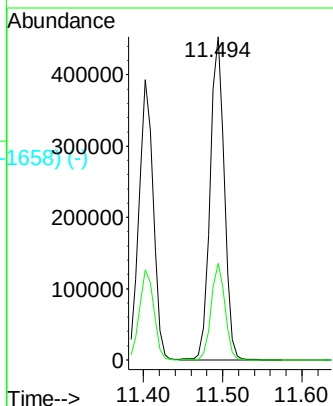
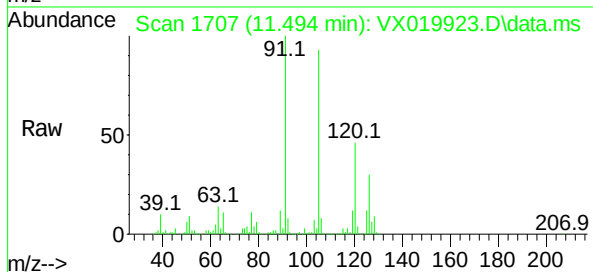
#82
4-Chlorotoluene
Concen: 53.32 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion: 91 Resp: 562669
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5

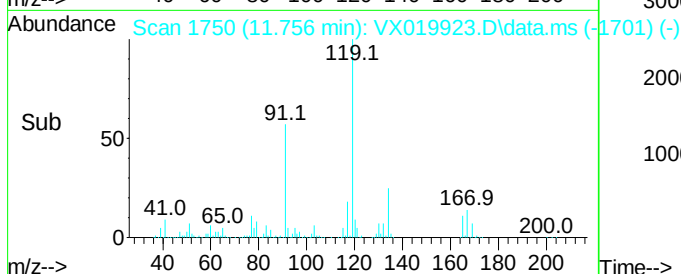
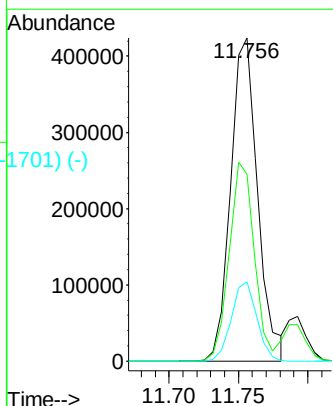
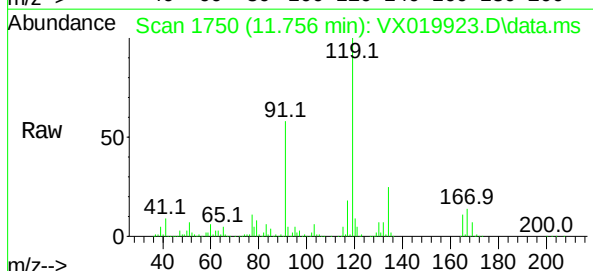
Manual Integrations
APPROVED

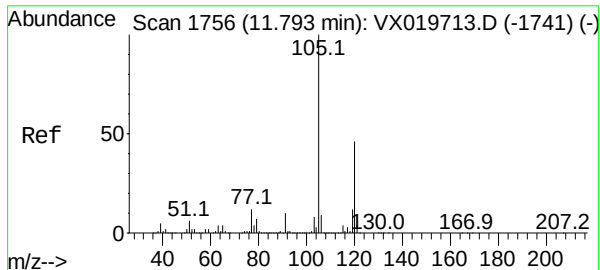
MMDadoda
12/16/2020 1:24:30 PM



#83
tert-Butylbenzene
Concen: 54.24 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion:119 Resp: 575140
Ion Ratio Lower Upper
119 100
91 57.4 27.9 83.7
134 23.2 11.3 33.9





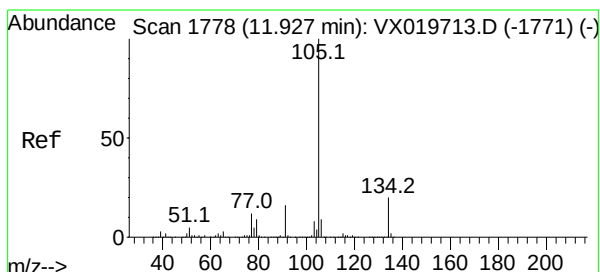
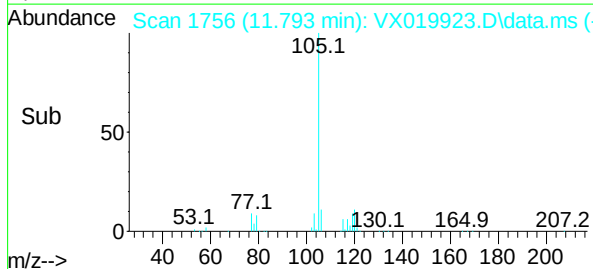
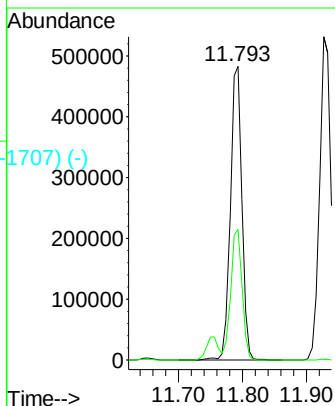
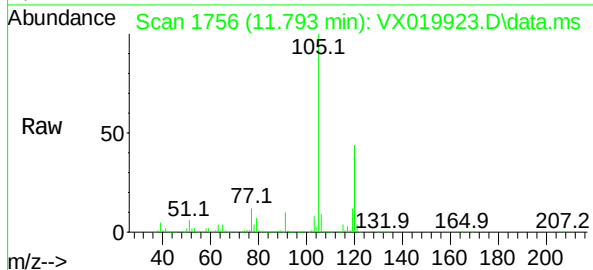
#84
1,2,4-Trimethylbenzene
Concen: 55.12 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion:105 Resp: 600336
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.3

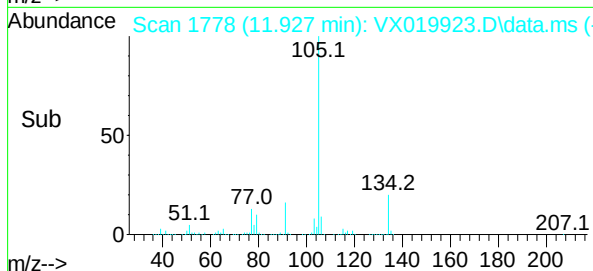
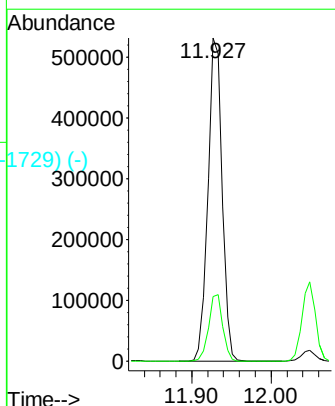
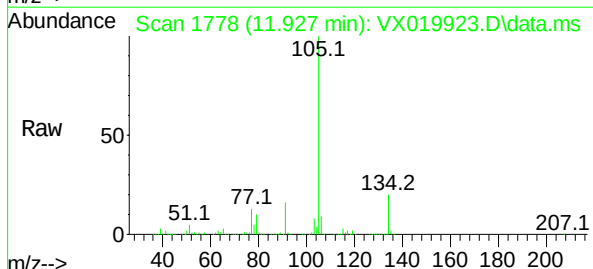
Manual Integrations
APPROVED

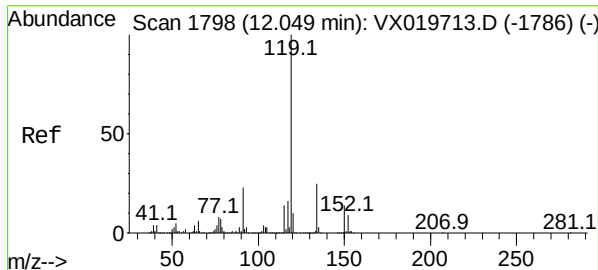
MMDadoda
12/16/2020 1:24:30 PM



#85
sec-Butylbenzene
Concen: 54.55 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

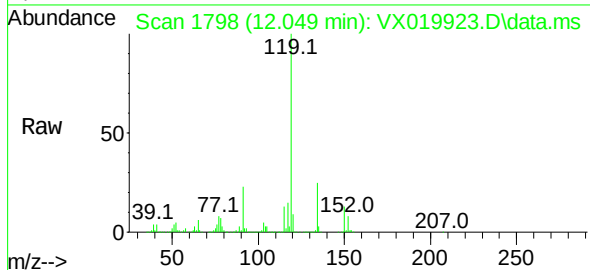
Tgt Ion:105 Resp: 660488
Ion Ratio Lower Upper
105 100
134 20.5 10.0 29.8





#86
p-Isopropyltoluene
Concen: 54.54 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

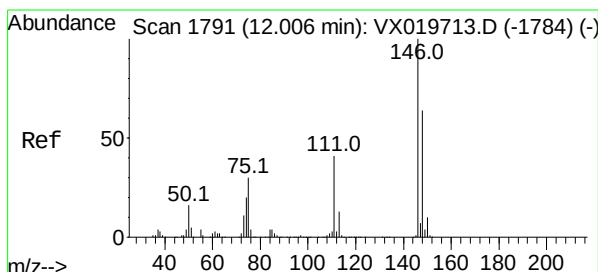
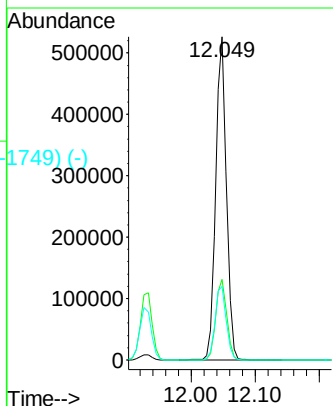
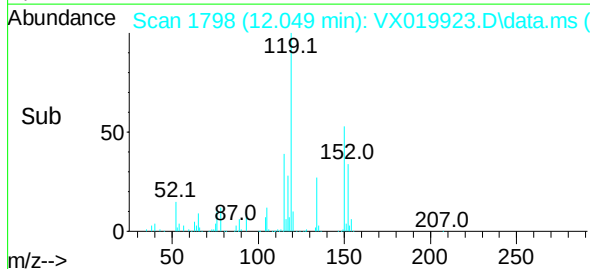
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



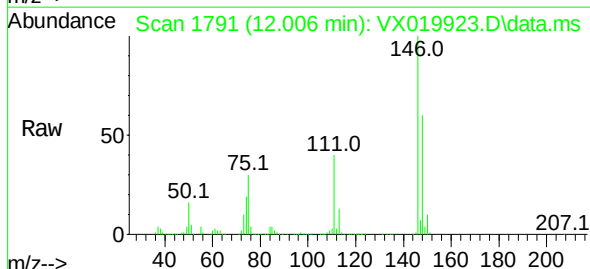
Tgt Ion:119 Resp: 605212
Ion Ratio Lower Upper
119 100
134 25.6 12.9 38.7
91 23.8 11.7 35.0

Manual Integrations
APPROVED

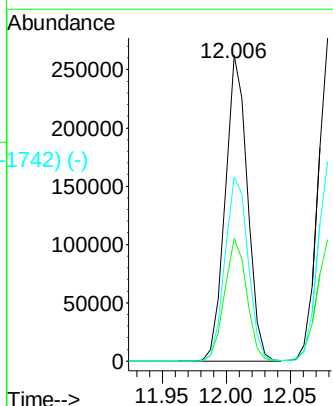
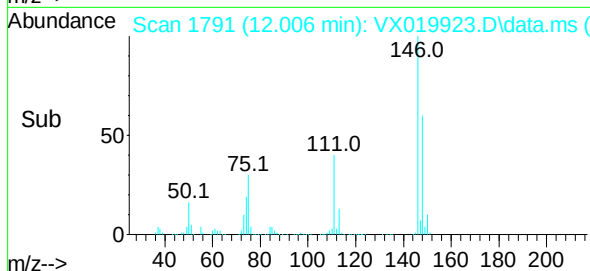
MMDadoda
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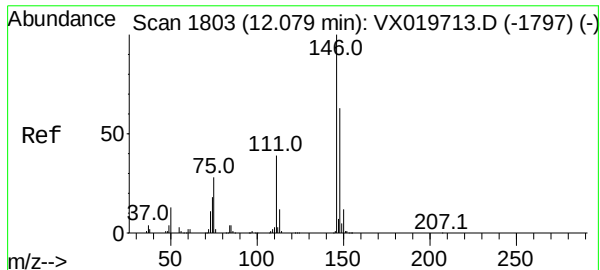


#87
1,3-Dichlorobenzene
Concen: 52.34 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



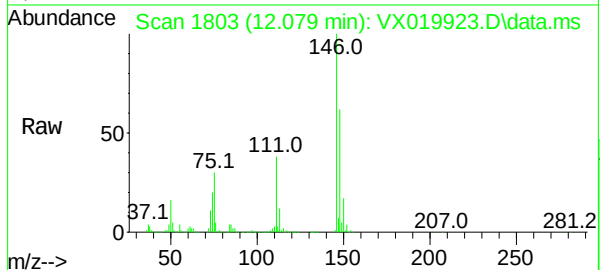
Tgt Ion:146 Resp: 314931
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 62.7 31.9 95.7



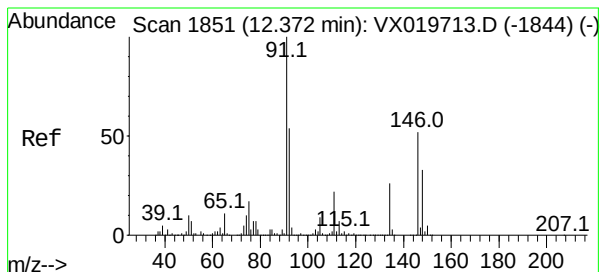
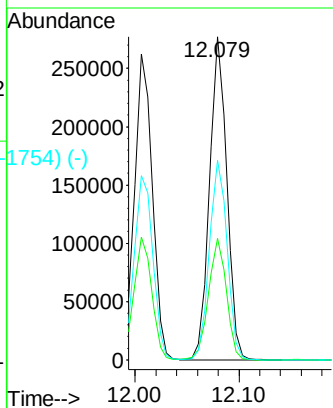
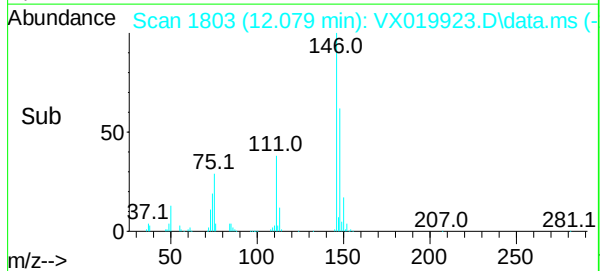


#88
1,4-Dichlorobenzene
Concen: 52.04 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

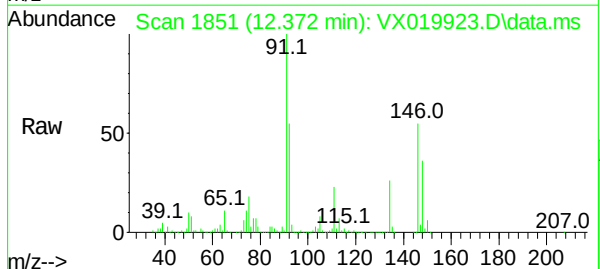
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



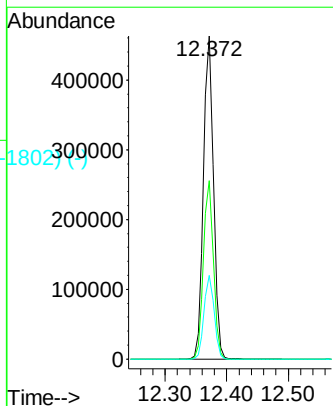
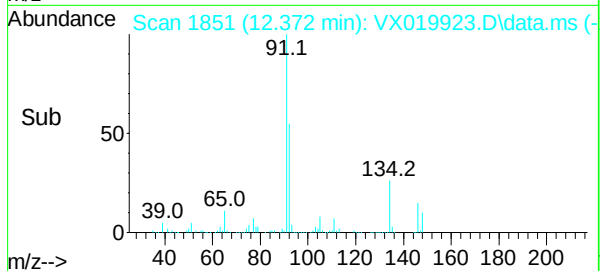
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	63.9	31.6	95.0

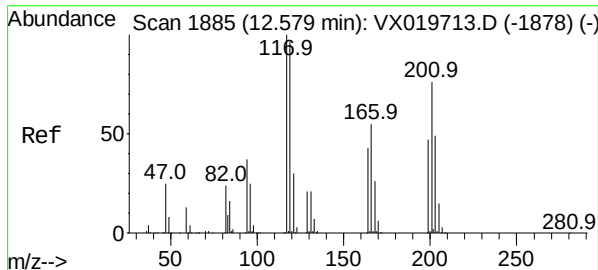


#89
n-Butylbenzene
Concen: 53.09 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12



Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.0
134	25.9	13.2	39.5





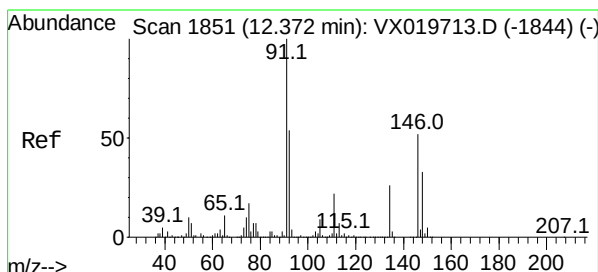
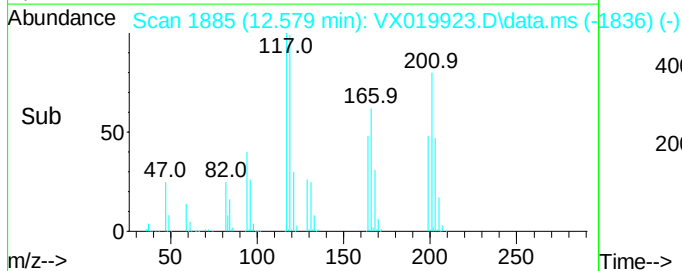
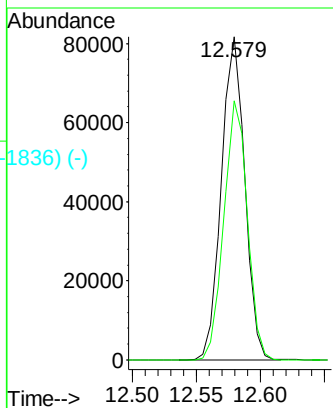
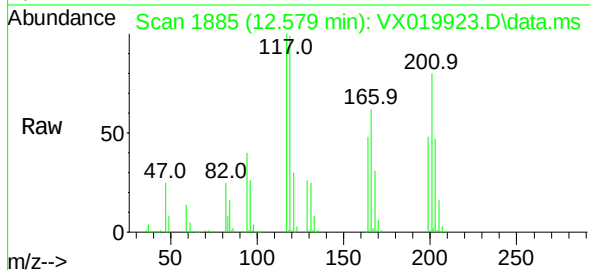
#90
Hexachloroethane
Concen: 53.85 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD

Tgt Ion:117 Resp: 103150
Ion Ratio Lower Upper
117 100
201 80.6 40.4 121.2

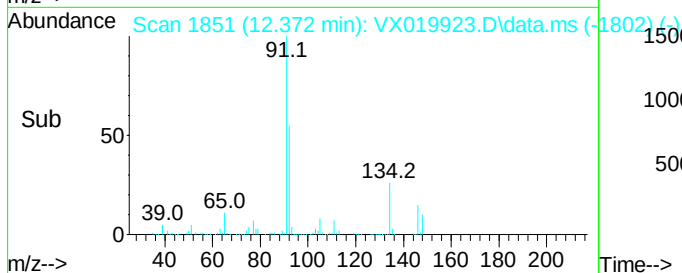
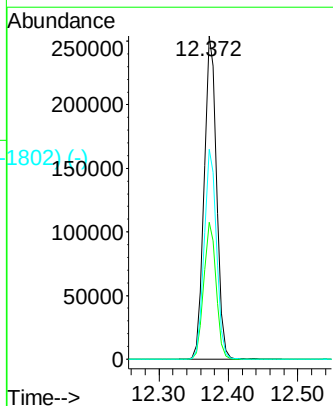
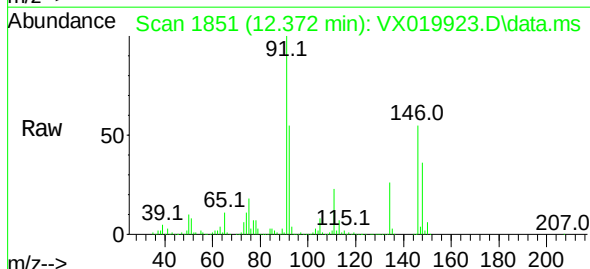
Manual Integrations
APPROVED

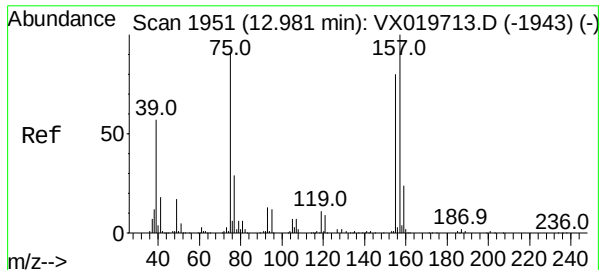
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#91
1,2-Dichlorobenzene
Concen: 53.78 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Tgt Ion:146 Resp: 315476
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 64.3 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.63 ug/l

RT: 12.981 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion: 75 Resp: 53048

Ion Ratio Lower Upper

75 100

155 88.7 45.3 135.9

157 114.9 57.7 173.1

Instrument :

MSVOA_X

ClientSampleId :

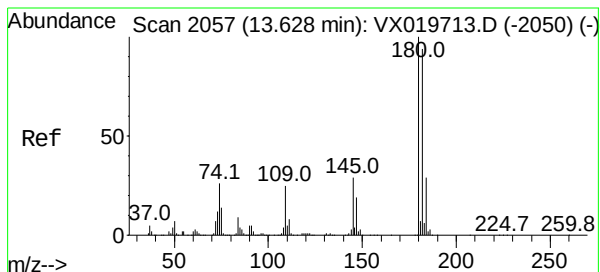
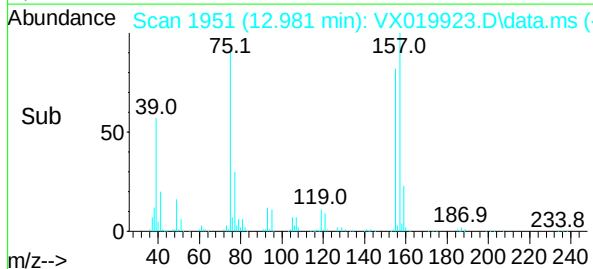
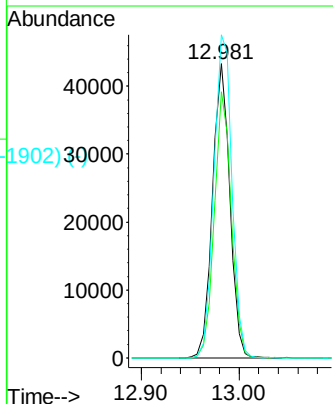
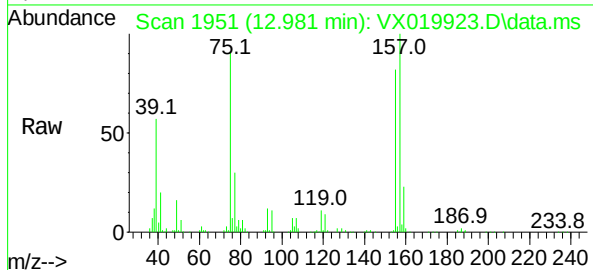
TU032-32-6008-120920MSD

Manual Integrations

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12/16/2020 1:24:30 PM



#93

1,2,4-Trichlorobenzene

Concen: 53.74 ug/l

RT: 13.628 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

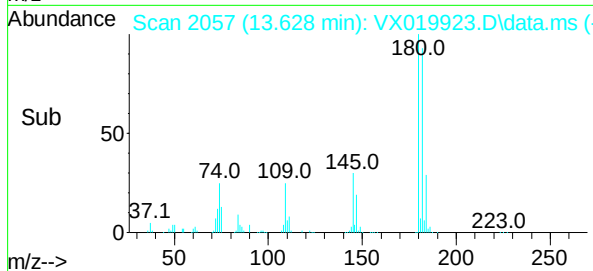
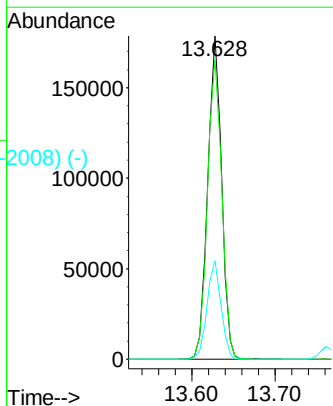
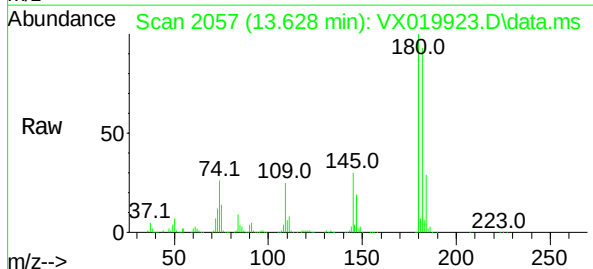
Tgt Ion:180 Resp: 205199

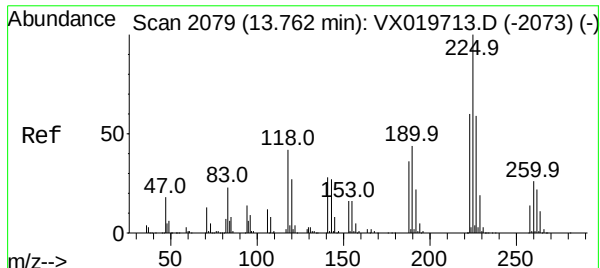
Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

145 30.7 15.0 45.0





#94

Hexachlorobutadiene

Concen: 52.20 ug/l

RT: 13.762 min Scan# 2079

Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

Tgt Ion:	225	Resp:	89085
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.1	93.2
227	62.4	31.6	95.0

Instrument :

MSVOA_X

ClientSampleId :

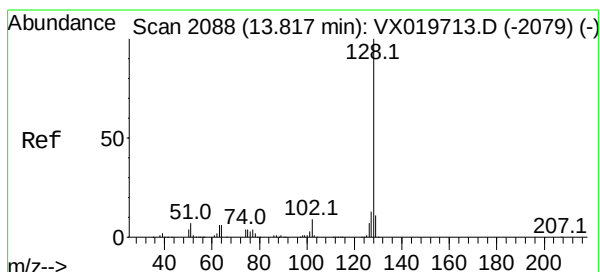
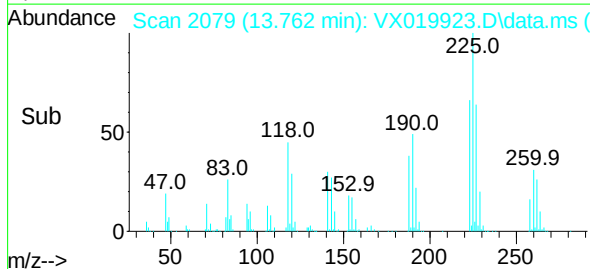
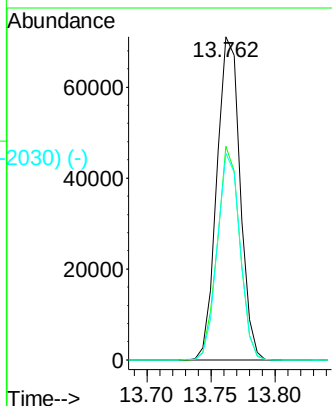
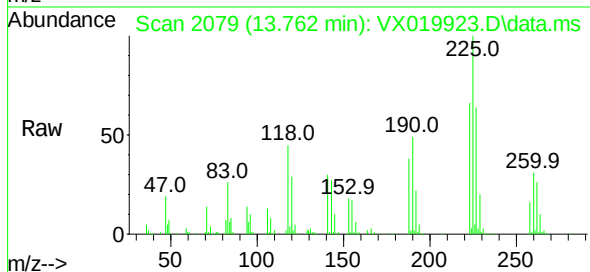
TU032-32-6008-120920MSD

Manual Integrations

APPROVED

MMDadoda

12/16/2020 1:24:30 PM



#95

Naphthalene

Concen: 56.64 ug/l

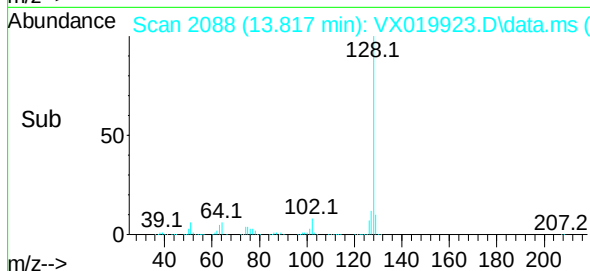
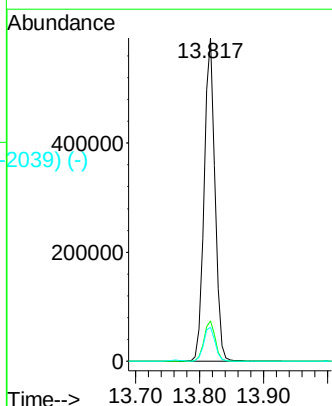
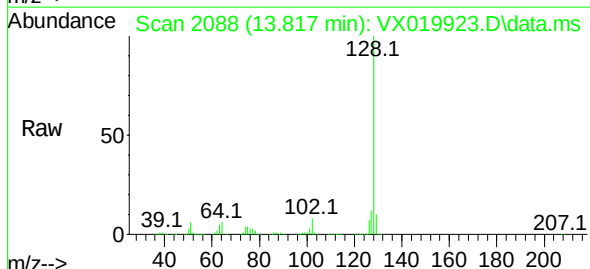
RT: 13.817 min Scan# 2088

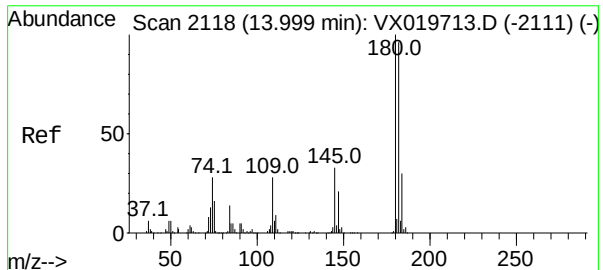
Delta R.T. 0.000 min

Lab File: VX019923.D

Acq: 12 Dec 2020 11:12

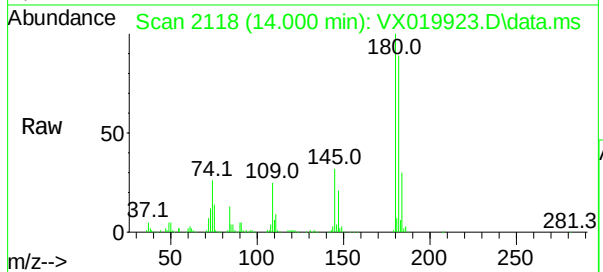
Tgt Ion:	128	Resp:	701098
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 56.21 ug/l
RT: 14.000 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VX019923.D
Acq: 12 Dec 2020 11:12

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6008-120920MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.6	142.9
145	32.0	16.1	48.3

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:24:30 PM

