

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015606.D
 Acq On : 09 Apr 2020 19:00
 Operator : JC/SP
 Sample : L2190-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MSD

Manual Integrations
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 4/10/2020 2:13:08 PM

Quant Time: Apr 10 09:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1135481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1766105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1630489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	874162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	770250	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	560294	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.70	98	2081301	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	859415	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	462076	46.190	ug/l	98
3) Chloromethane	1.31	50	562295	44.137	ug/l	97
4) Vinyl Chloride	1.39	62	698228	59.688	ug/l	99
5) Bromomethane	1.63	94	322297	61.655	ug/l	95
6) Chloroethane	1.71	64	349304	48.146	ug/l	100
7) Trichlorofluoromethane	1.92	101	791002	50.421	ug/l	95
8) Diethyl Ether	2.17	74	316151	47.779	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	500910	48.979	ug/l	98
10) Methyl Iodide	2.49	142	752725	54.591	ug/l	100
11) Tert butyl alcohol	3.01	59	726159	189.439	ug/l	99
12) 1,1-Dichloroethene	2.36	96	523659	48.848	ug/l	96
14) Allyl chloride	2.71	41	1106531	44.175	ug/l	97
15) Acrylonitrile	3.12	53	1693412	231.650	ug/l	99
16) Acetone	2.42	43	1577196	229.234	ug/l	98
17) Carbon Disulfide	2.55	76	1376080	42.079	ug/l	99
18) Methyl Acetate	2.75	43	817373	46.546	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1938715	46.630	ug/l	99
20) Methylene Chloride	2.84	84	582507	45.326	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	581378	48.866	ug/l	98
22) Diisopropyl ether	3.83	45	2078896	46.837	ug/l	98
23) Vinyl Acetate	3.79	43	8965438	223.092	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1075374	46.016	ug/l	99
25) 2-Butanone	4.64	43	2434279	219.999	ug/l	98
26) 2,2-Dichloropropane	4.56	77	843555	43.976	ug/l #	51
27) cis-1,2-Dichloroethene	4.57	96	5906985	429.144	ug/l	91
28) Bromochloromethane	4.99	49	556976	49.918	ug/l	98
29) Tetrahydrofuran	5.09	42	1588548	223.319	ug/l	99
30) Chloroform	5.19	83	1069039	47.547	ug/l	97
31) Cyclohexane	5.55	56	950101	46.865	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	967915	47.569	ug/l	99
36) 1,1-Dichloropropene	5.78	75	796682	48.958	ug/l	99
37) Ethyl Acetate	4.79	43	954732	45.060	ug/l #	82
38) Carbon Tetrachloride	5.76	117	852240	48.354	ug/l	99
39) Methylcyclohexane	7.44	83	917751	48.914	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	2296855	48.185	ug/l	99
41) Methacrylonitrile	5.01	41	566329	48.149	ug/l	99
42) 1,2-Dichloroethane	6.17	62	932178	48.686	ug/l	99
43) Isopropyl Acetate	6.42	43	1654238	46.249	ug/l	100
44) Trichloroethene	7.19	130	2076662	159.743	ug/l	96
45) 1,2-Dichloropropane	7.50	63	618665	47.444	ug/l	99
46) Dibromomethane	7.64	93	406451	47.517	ug/l	96
47) Bromodichloromethane	7.88	83	874135	47.959	ug/l	96
48) Methyl methacrylate	7.75	41	840577	47.050	ug/l	99
49) 1,4-Dioxane	7.72	88	263602	790.924	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4835908	238.570	ug/l	100
52) Toluene	8.77	92	1467242	49.927	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	1005820	47.053	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1035603	47.559	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	601694	49.973	ug/l	96
56) Ethyl methacrylate	9.16	69	1020429	48.089	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1029978	47.480	ug/l	99
59) 2-Hexanone	9.48	43	3659619	239.133	ug/l	100
60) Dibromochloromethane	9.57	129	700511	48.417	ug/l	98
61) 1,2-Dibromoethane	9.65	107	644770	49.249	ug/l	99
64) Tetrachloroethene	9.32	164	1931982	157.009	ug/l	96
65) Chlorobenzene	10.12	112	1575524	48.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	636734	49.015	ug/l	98
67) Ethyl Benzene	10.24	91	2830251	49.075	ug/l	99
68) m/p-Xylenes	10.34	106	2130714	99.218	ug/l	99
69) o-Xylene	10.68	106	1033191	48.688	ug/l	99
70) Styrene	10.70	104	1817479	48.671	ug/l	99
71) Bromoform	10.84	173	568879	48.104	ug/l #	100
73) Isopropylbenzene	11.01	105	2796233	48.819	ug/l	100
74) N-amyl acetate	10.89	43	1423906	44.698	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	917312	46.673	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	848567m	47.204	ug/l	
77) Bromobenzene	11.24	156	752043	49.224	ug/l	95
78) n-propylbenzene	11.35	91	3182421	48.591	ug/l	99
79) 2-Chlorotoluene	11.40	91	1896690	47.248	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2363481	48.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	329796	44.020	ug/l	98
82) 4-Chlorotoluene	11.50	91	2277771	48.401	ug/l	100
83) tert-Butylbenzene	11.76	119	2316104	48.474	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2394521	48.037	ug/l	98
85) sec-Butylbenzene	11.93	105	2683000	48.552	ug/l	99
86) p-Isopropyltoluene	12.05	119	2550599	49.718	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1361454	49.778	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1353929	48.599	ug/l	99
89) n-Butylbenzene	12.37	91	2260424	48.759	ug/l	99
90) Hexachloroethane	12.58	117	444745	44.541	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1298382	48.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	240080	43.280	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	1007383	47.581	ug/l	99
94) Hexachlorobutadiene	13.77	225	461324	45.766	ug/l	97

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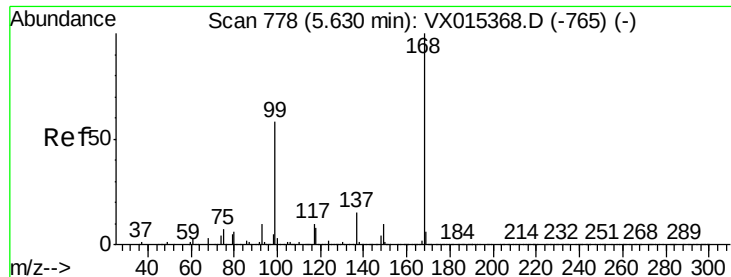
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.82	128	3032118	46.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1002824	49.196	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion:168 Resp: 1135481

Ion Ratio Lower Upper

168 100

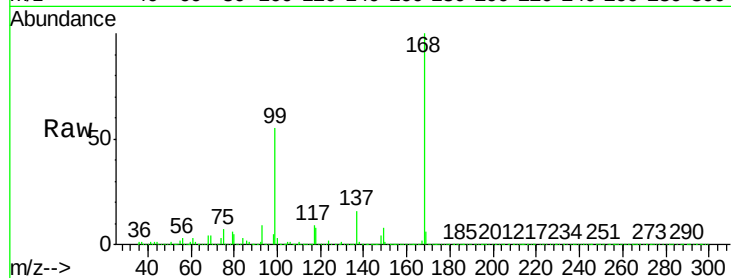
99 54.5 46.4 69.6

Manual Integrations

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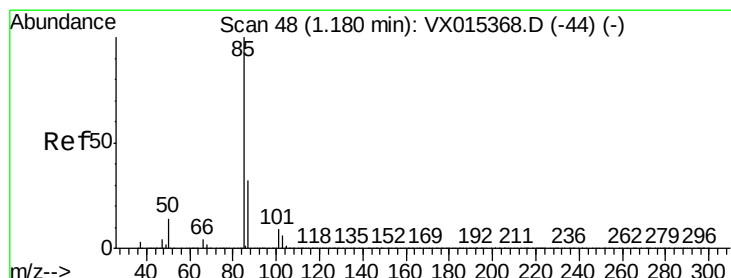
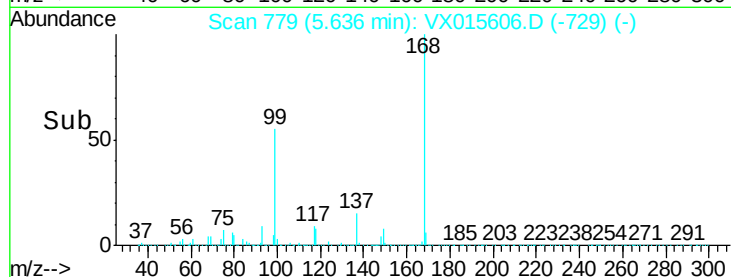
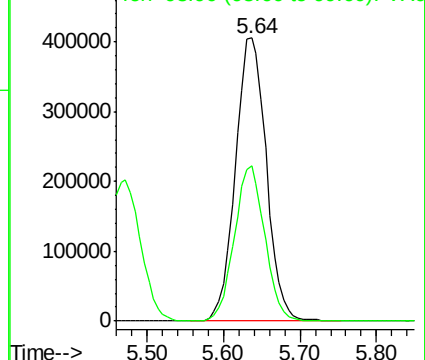
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.190 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015606.D

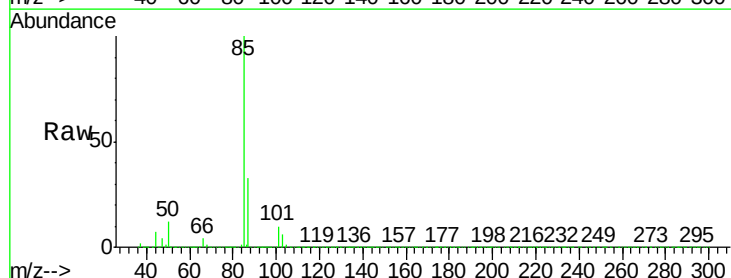
Acq: 09 Apr 2020 19:00

Tgt Ion: 85 Resp: 462076

Ion Ratio Lower Upper

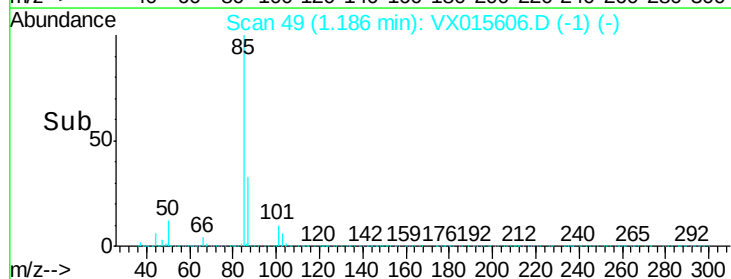
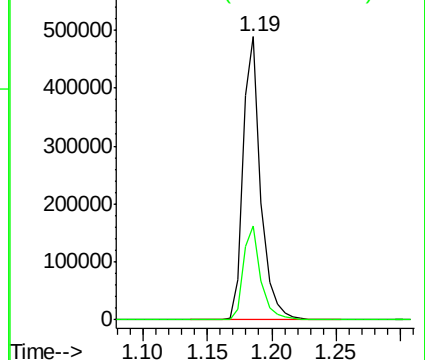
85 100

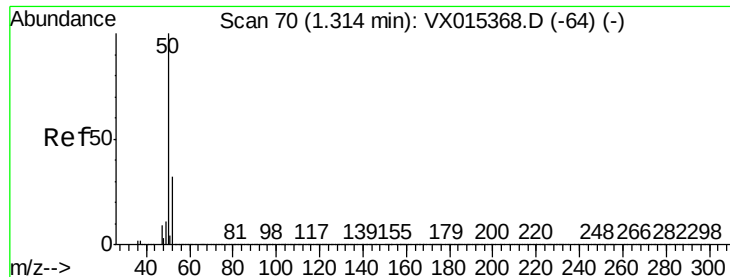
87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





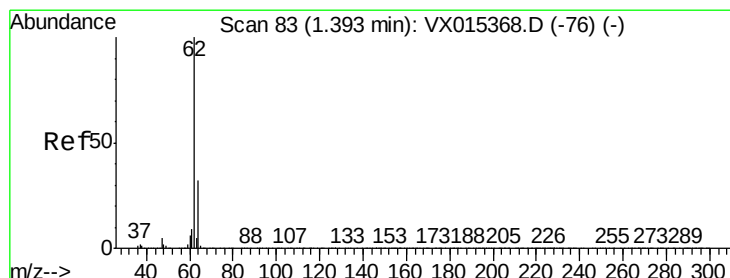
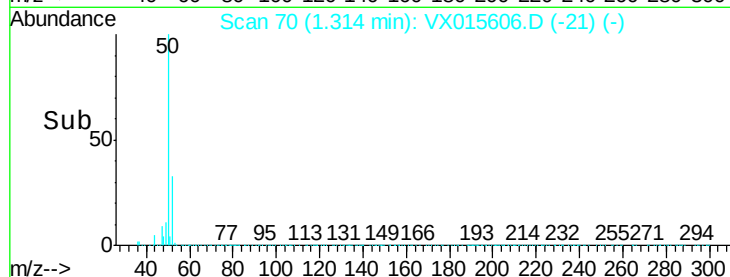
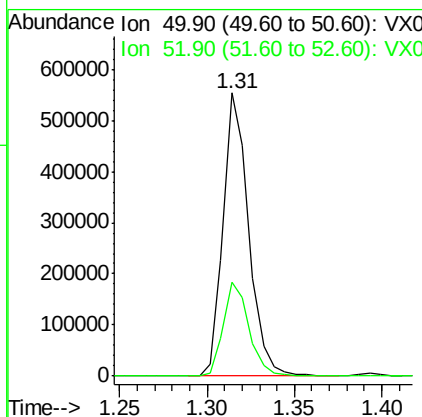
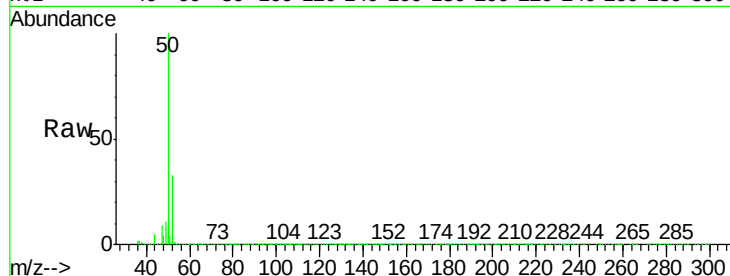
#3
Chloromethane
Concen: 44.137 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.3	37.9

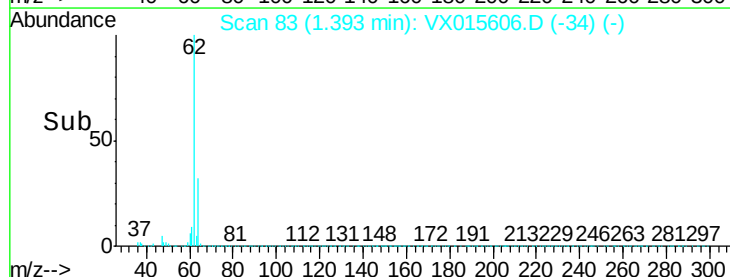
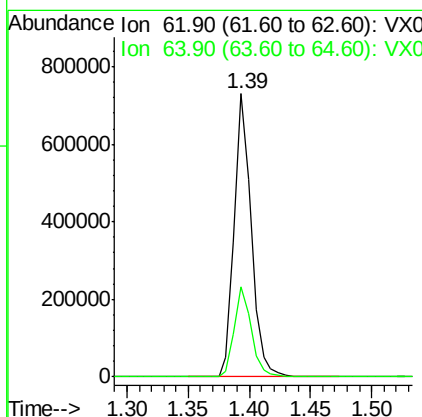
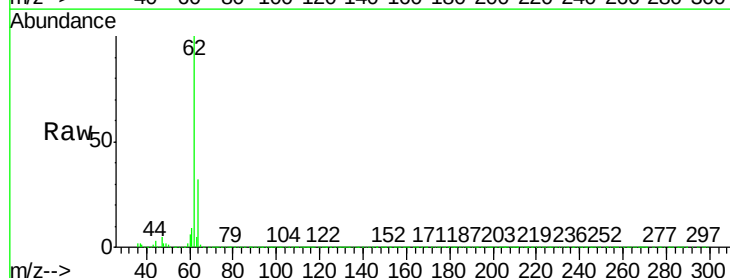
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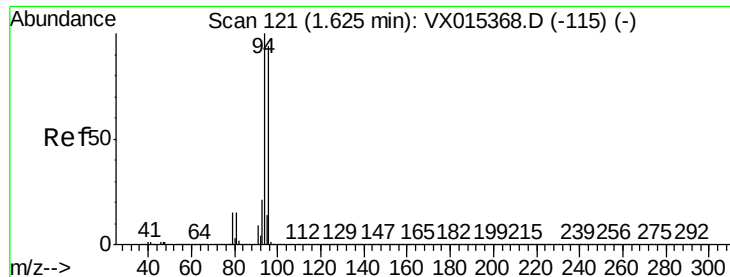
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#4
Vinyl Chloride
Concen: 59.688 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.0	39.0





#5

Bromomethane

Concen: 61.655 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 94 Resp: 322297

Ion Ratio Lower Upper

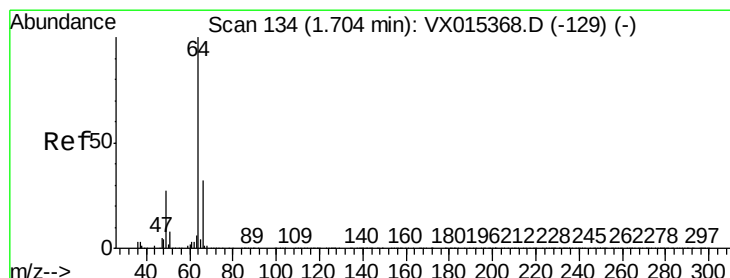
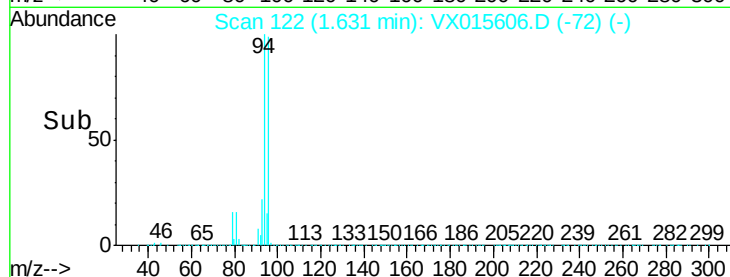
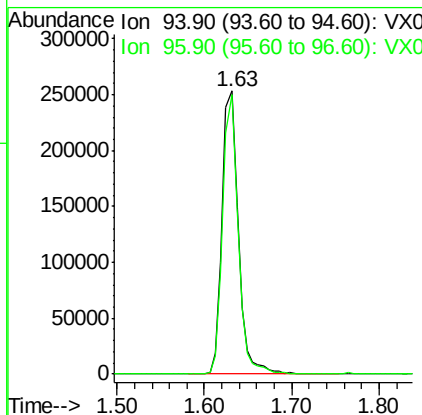
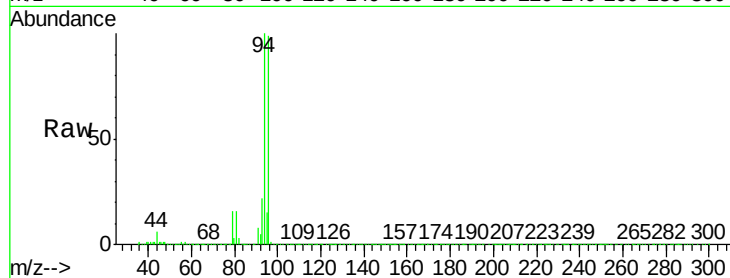
94 100

96 98.6 74.8 112.2

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#6

Chloroethane

Concen: 48.146 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015606.D

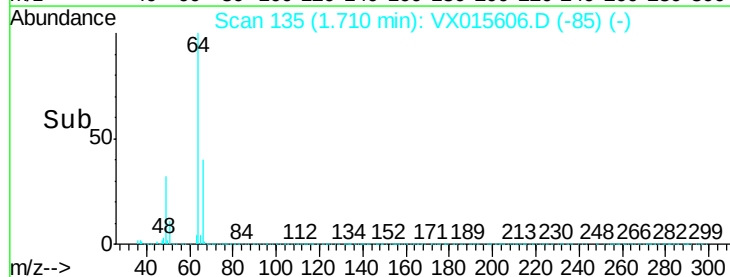
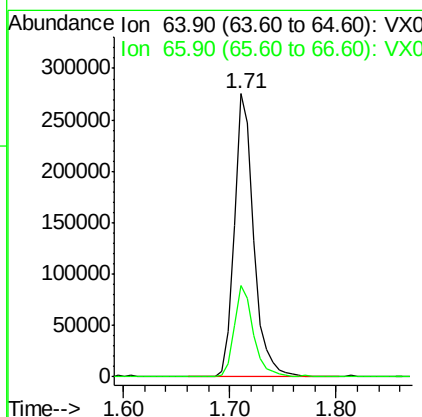
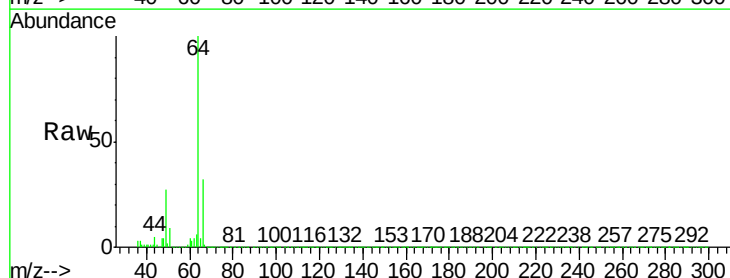
Acq: 09 Apr 2020 19:00

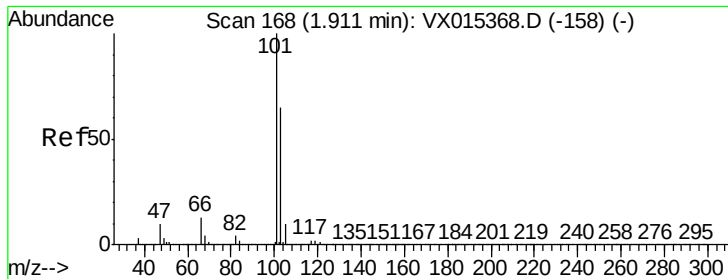
Tgt Ion: 64 Resp: 349304

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2





#7

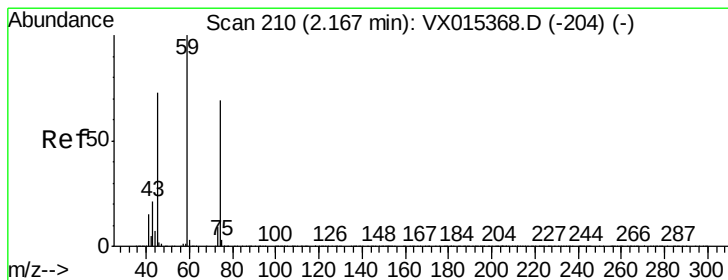
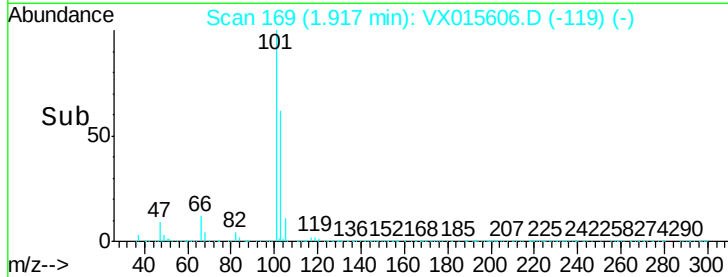
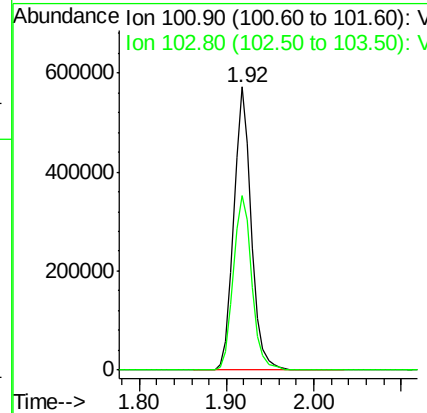
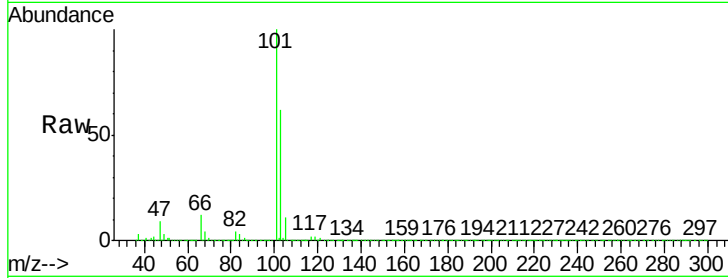
Trichlorofluoromethane
Concen: 50.421 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
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ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	52.3	78.5

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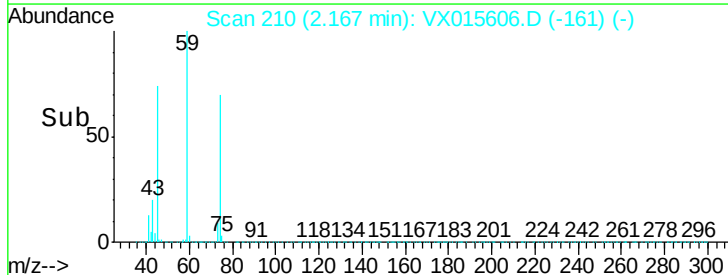
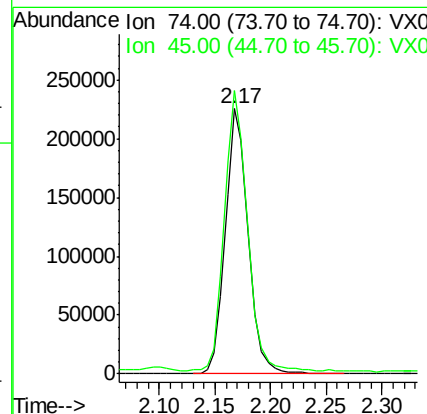
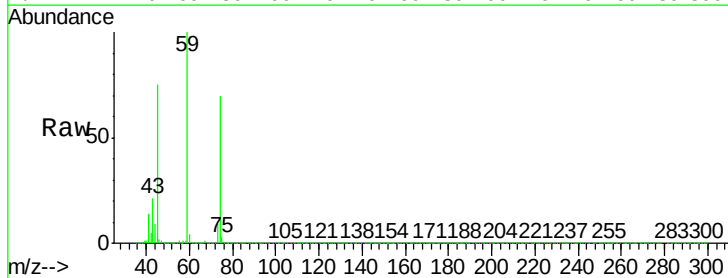
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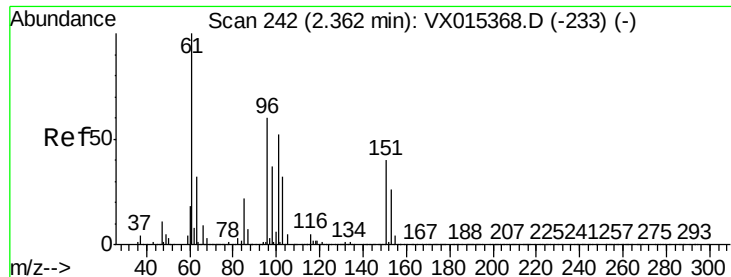


#8

Diethyl Ether
Concen: 47.779 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.979 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

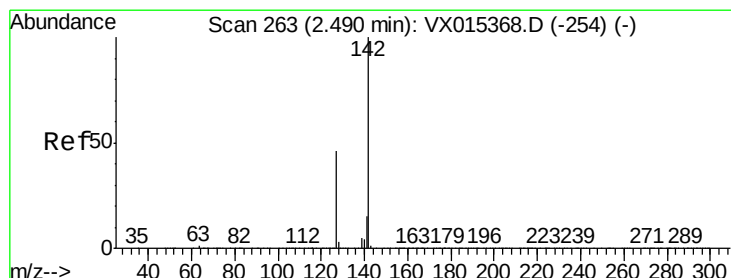
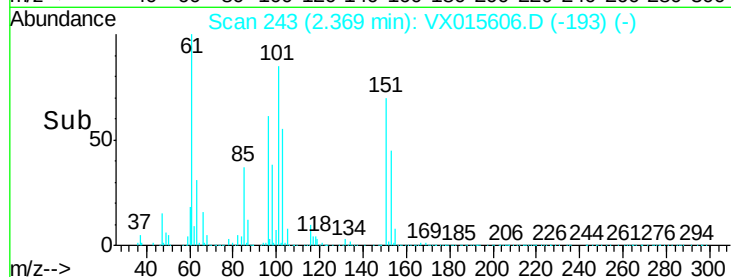
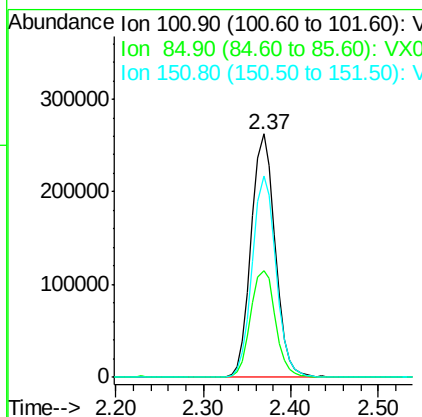
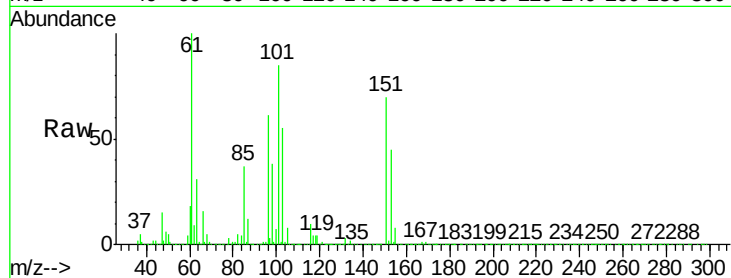
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	101	Resp:	500910
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.0	52.4
151	81.8	64.1	96.1

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#10

Methyl Iodide

Concen: 54.591 ug/l

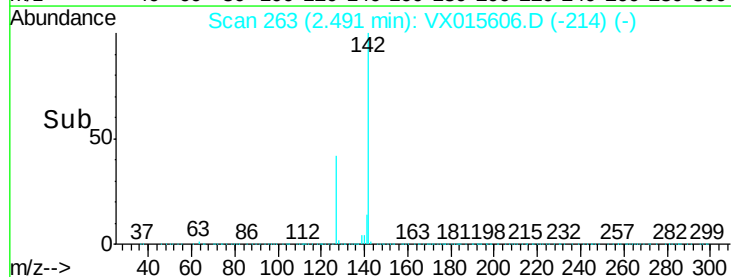
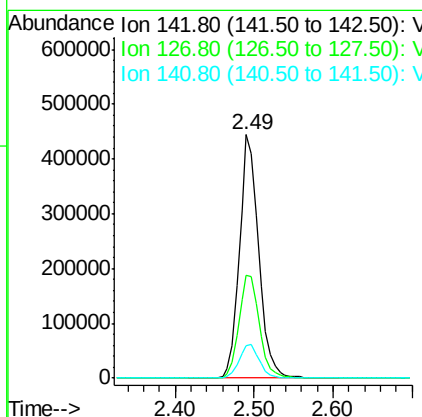
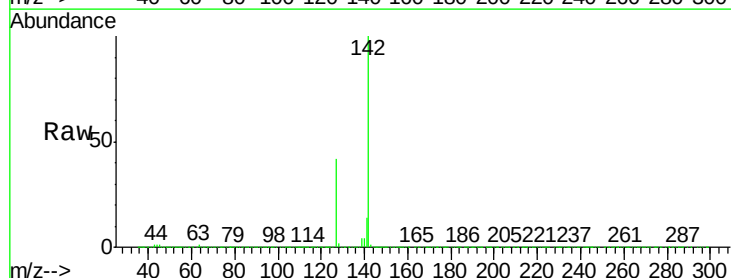
RT: 2.49 min Scan# 263

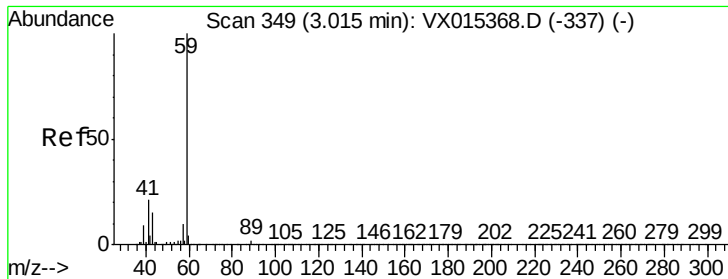
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	142	Resp:	752725
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.9	53.9
141	14.5	11.6	17.4





#11

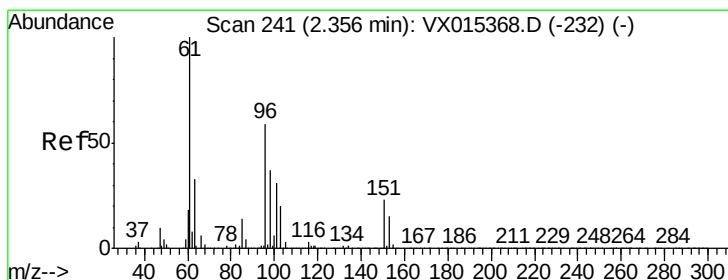
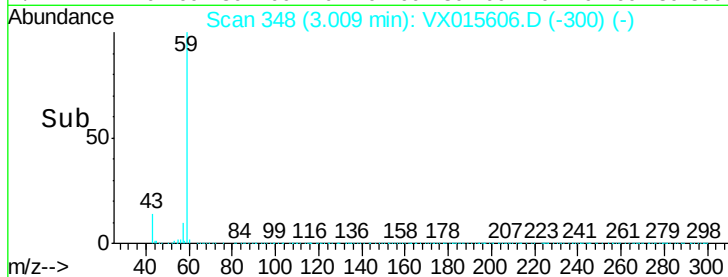
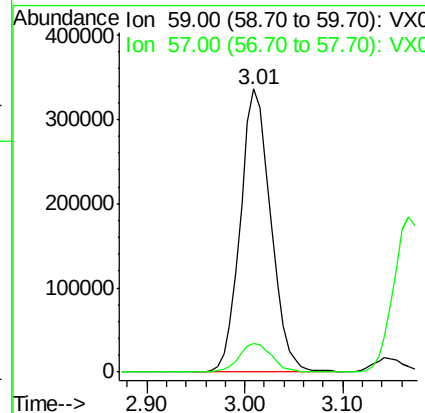
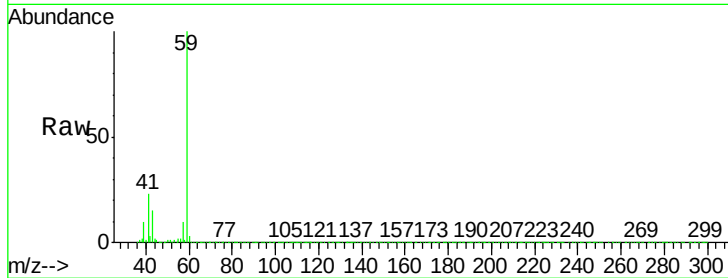
Tert butyl alcohol
Concen: 189.439 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

Manual Integrations
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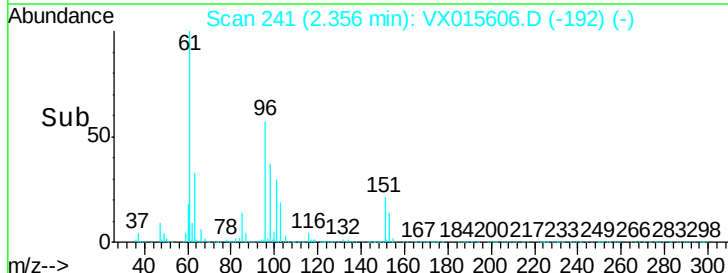
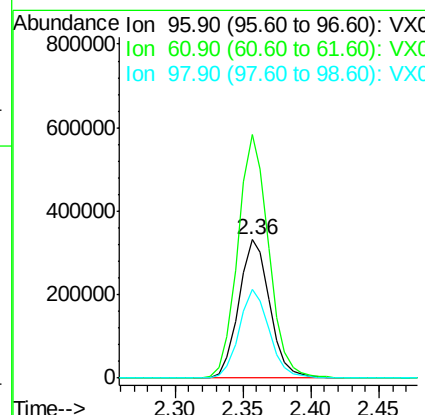
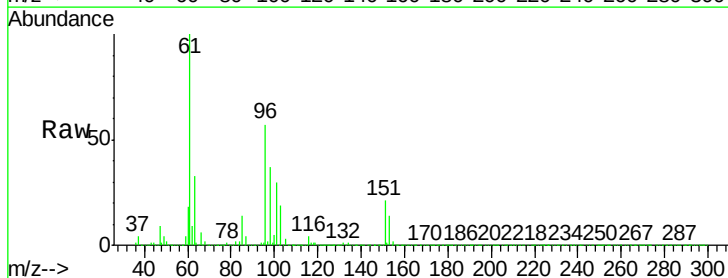
sam
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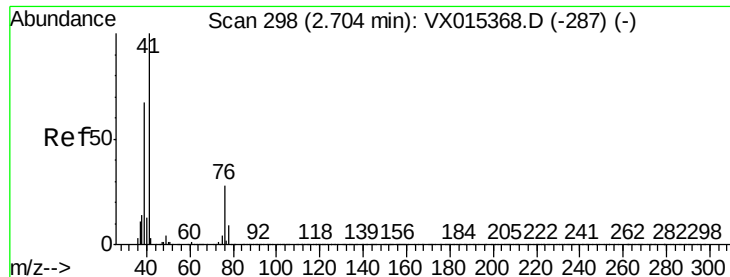


#12

1,1-Dichloroethene
Concen: 48.848 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.2	135.7	203.5
98	64.3	50.6	75.8





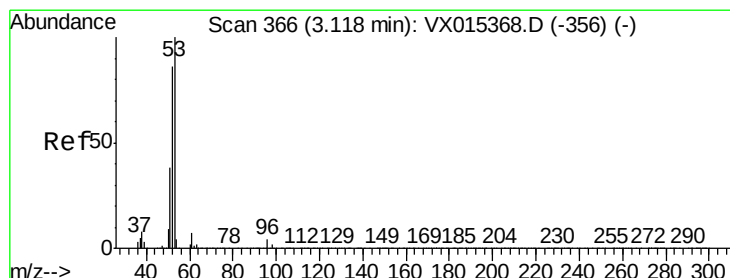
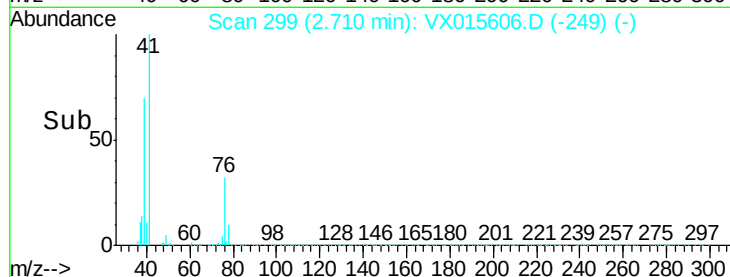
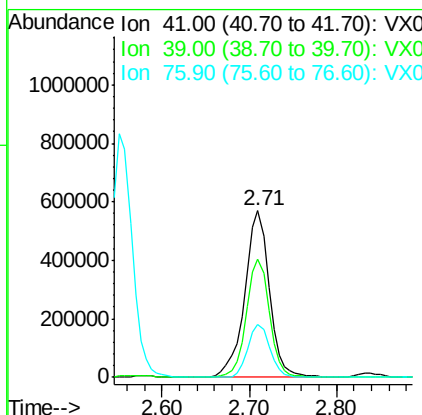
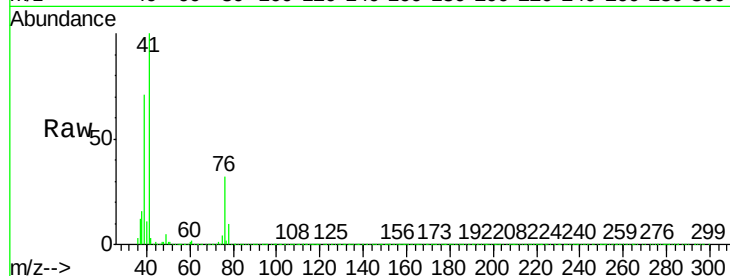
#14
Allvl chloride
Concen: 44.175 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.6	51.4	77.0
76	28.6	21.8	32.8

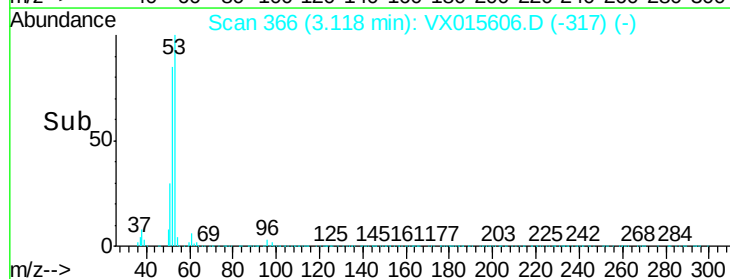
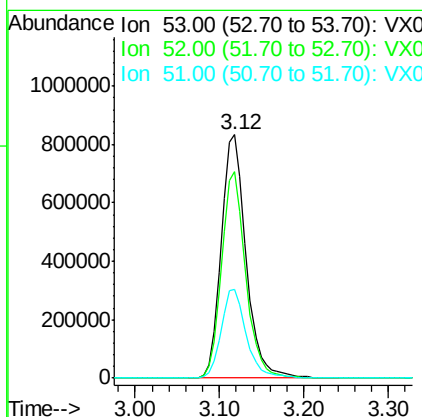
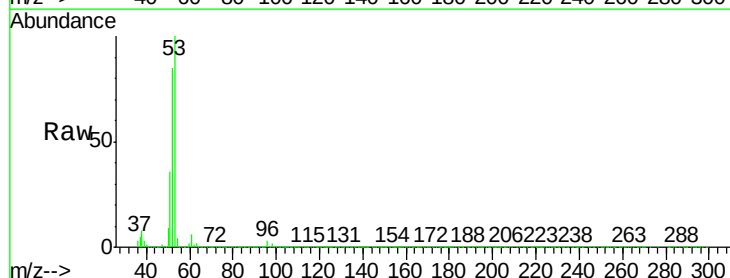
Manual Integrations
APPROVED

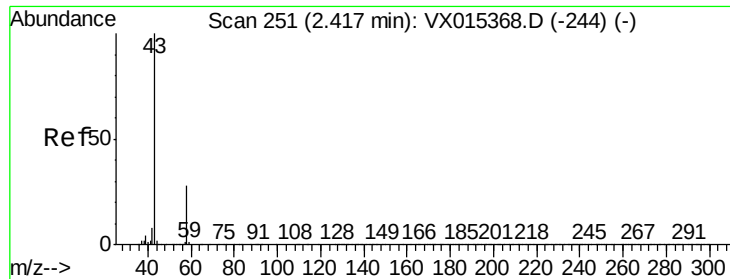
sam
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#15
Acrylonitrile
Concen: 231.650 ug/l
RT: 3.12 min Scan# 366
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.8	100.2
51	36.9	29.5	44.3





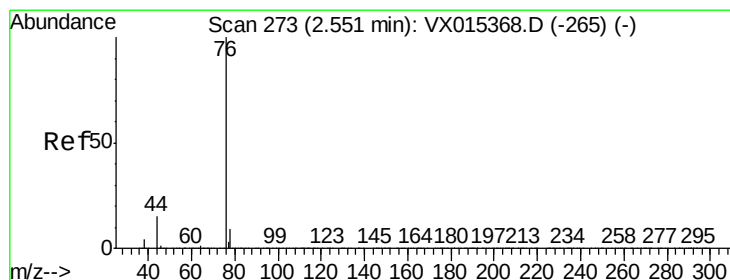
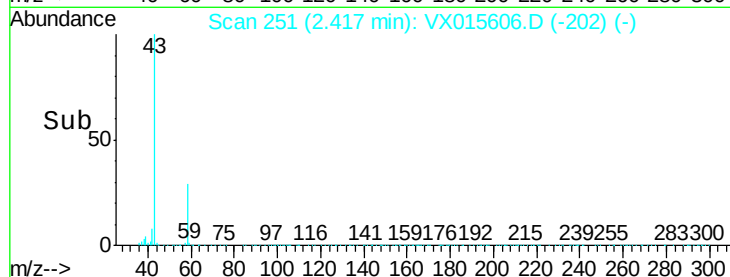
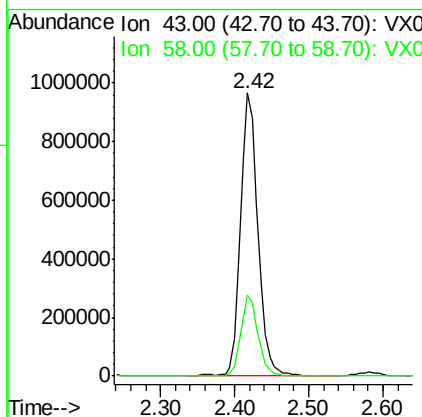
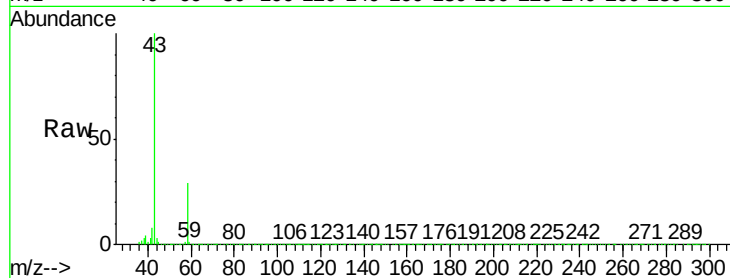
#16
Acetone
Concen: 229.234 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 43 Resp: 1577196
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1

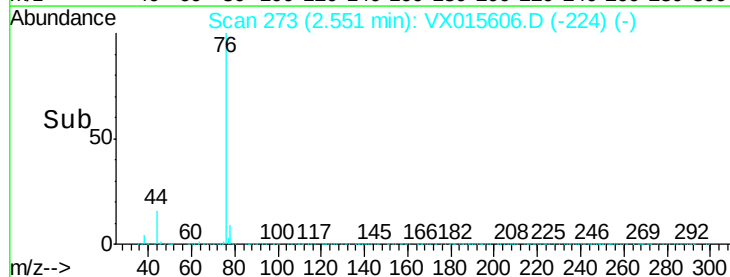
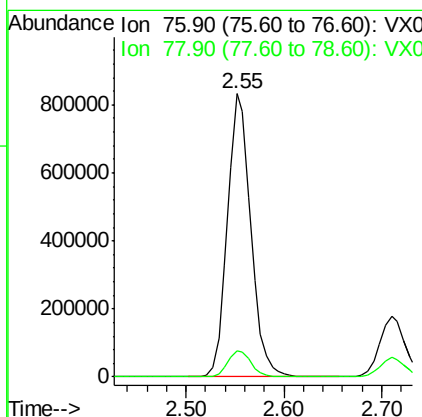
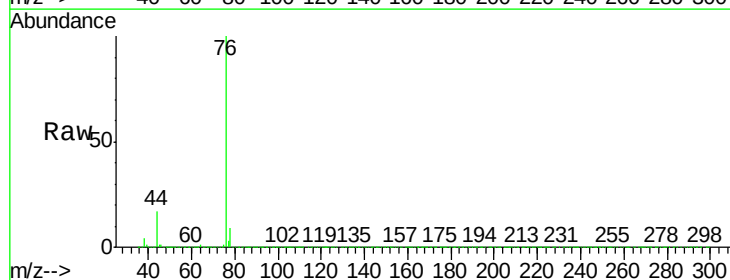
Manual Integrations
APPROVED

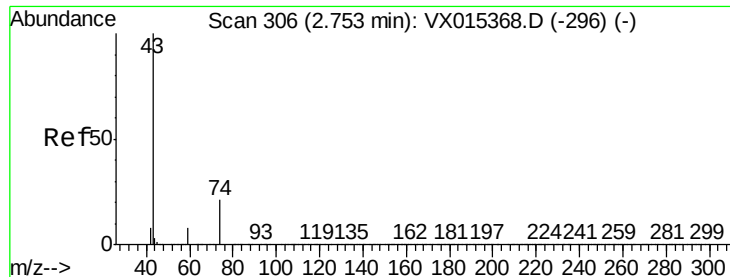
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#17
Carbon Disulfide
Concen: 42.079 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 76 Resp: 1376080
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





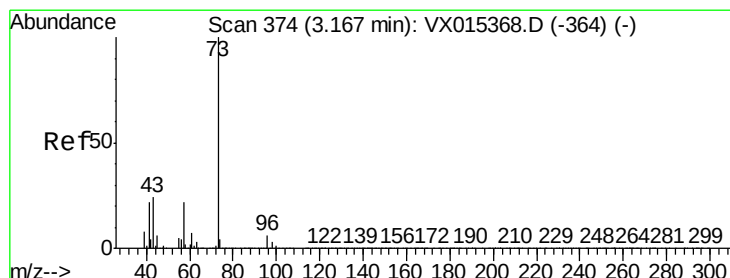
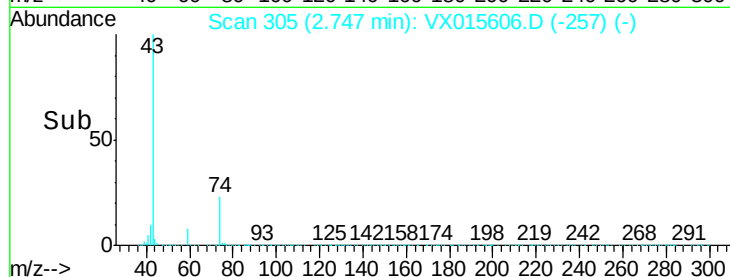
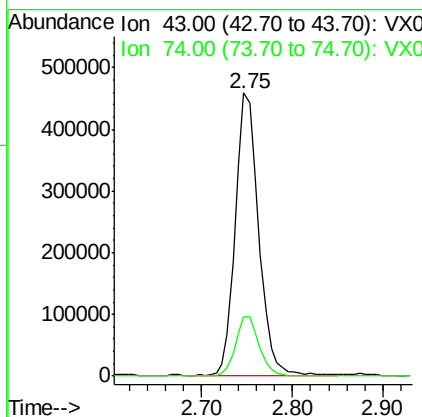
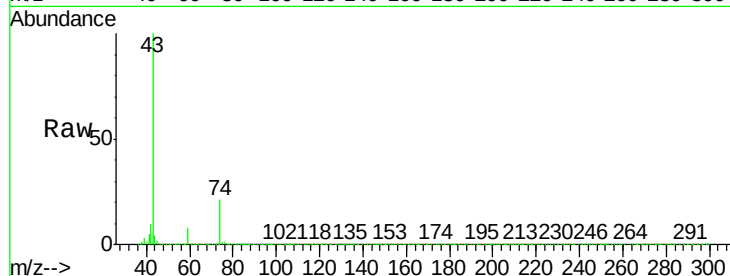
#18
Methyl Acetate
Concen: 46.546 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 43 Resp: 817373
Ion Ratio Lower Upper
43 100
74 21.6 16.5 24.7

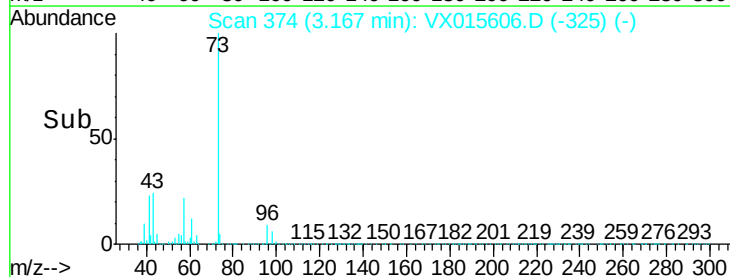
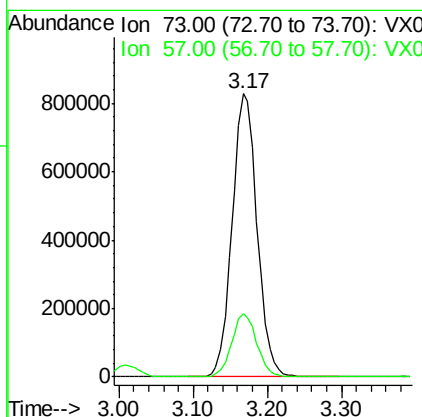
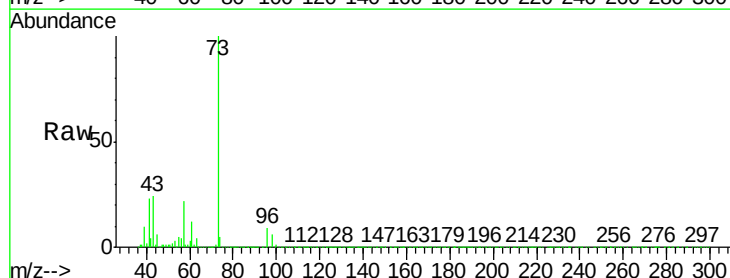
Manual Integrations
APPROVED

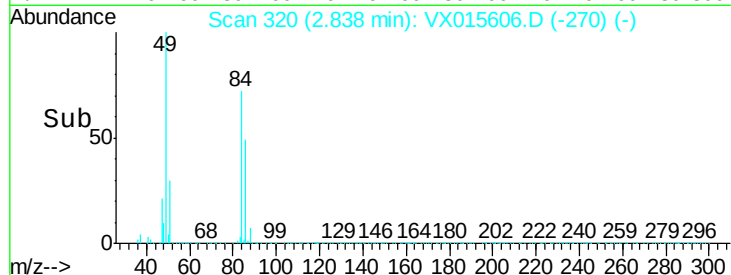
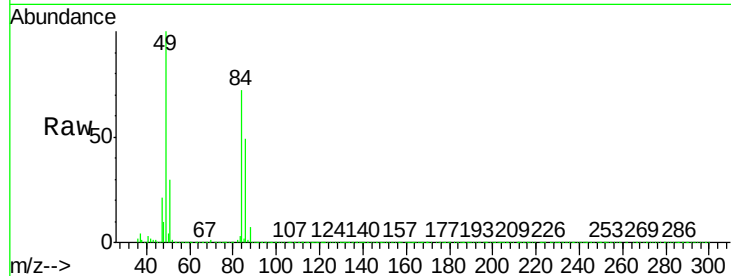
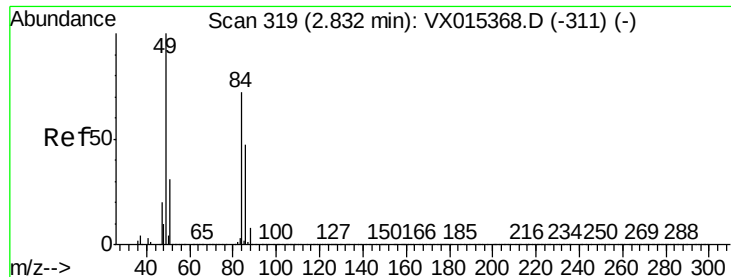
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#19
Methyl tert-butyl Ether
Concen: 46.630 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 73 Resp: 1938715
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9





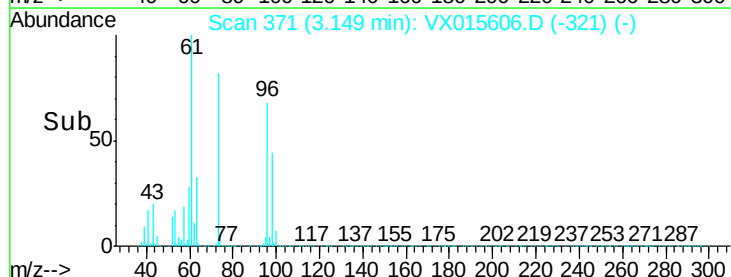
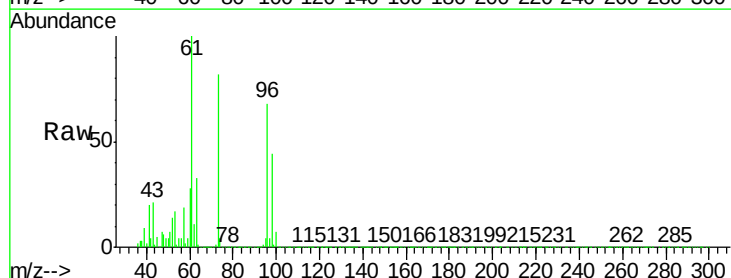
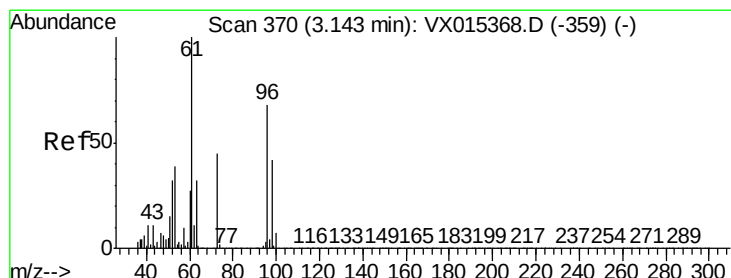
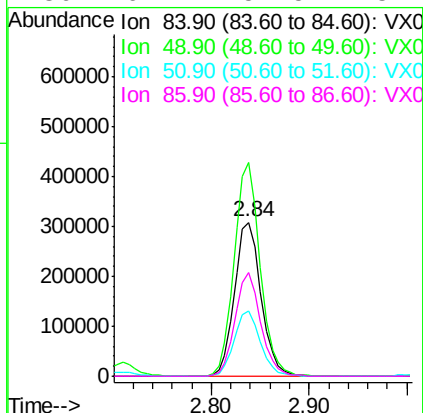
#20
Methylene Chloride
Concen: 45.326 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tot Ion	84	Resp	582507
Ion Ratio	Lower	Upper	
84	100		
49	138.3	111.3	166.9
51	41.9	34.0	51.0
86	67.4	52.5	78.7

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

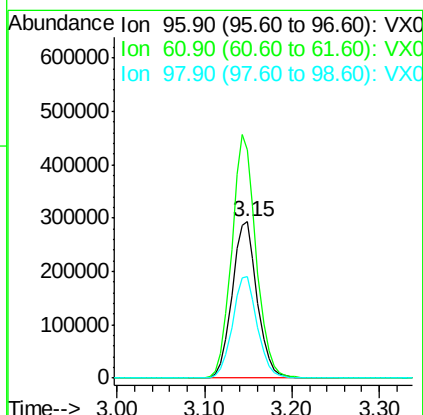
Manual Integrations
APPROVED

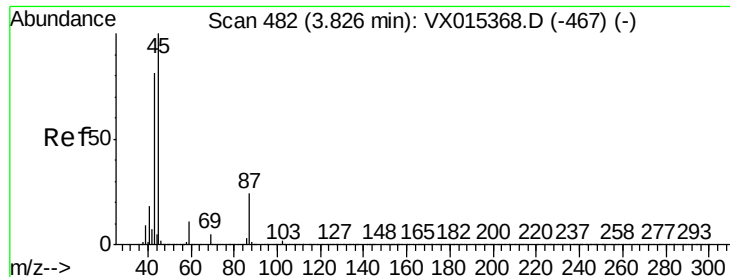
sam
4/10/2020 2:13:08 PM



#21
trans-1,2-Dichloroethene
Concen: 48.866 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	96	Resp	581378
Ion Ratio	Lower	Upper	
96	100		
61	146.2	116.9	175.3
98	64.7	48.6	73.0





#22

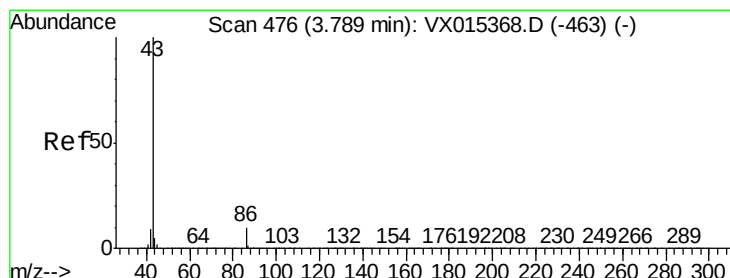
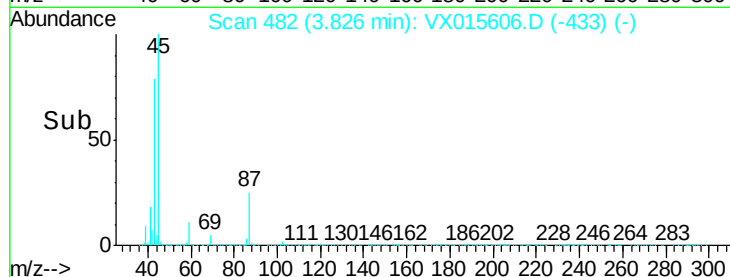
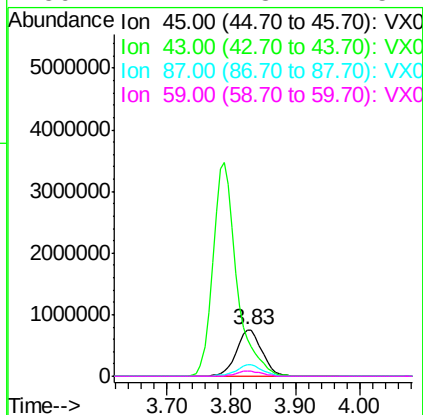
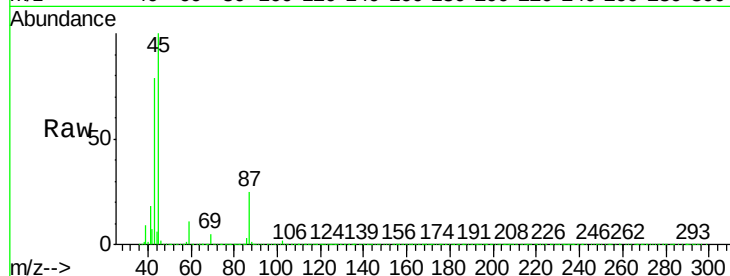
Diisopropyl ether
 Concen: 46.837 ug/l
 RT: 3.83 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MSD

Tot Ion	Ion	Ratio	Lower	Upper
45	45	100		
43	43	79.2	64.7	97.1
87	87	24.9	19.4	29.0
59	59	11.2	8.7	13.1

Manual Integrations
 APPROVED

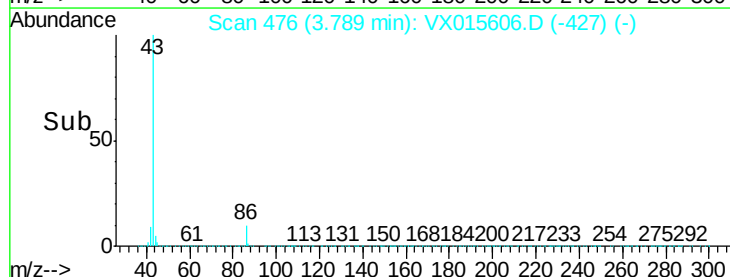
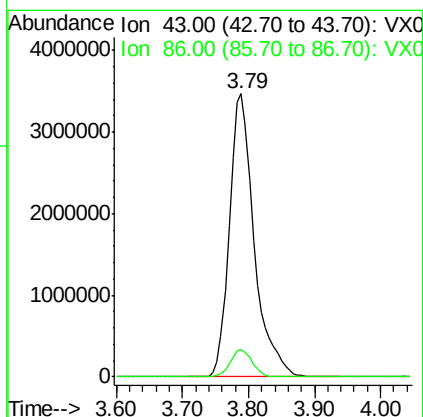
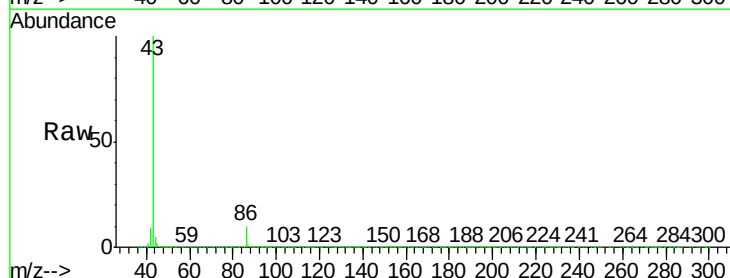
sam
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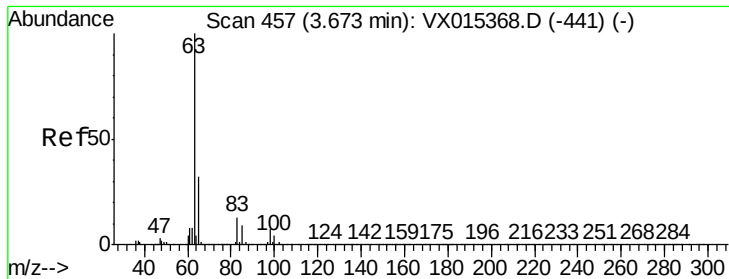


#23

Vinyl Acetate
 Concen: 223.092 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
86	86	9.7	7.8	11.6





#24

1,1-Dichloroethane

Concen: 46.016 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

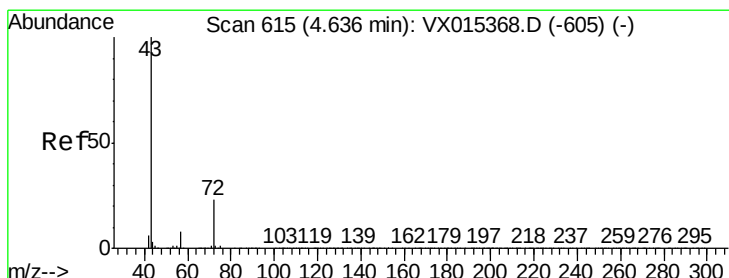
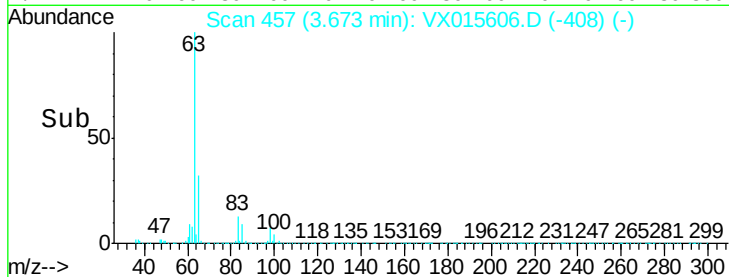
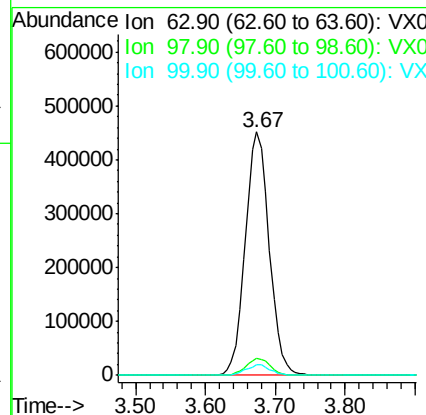
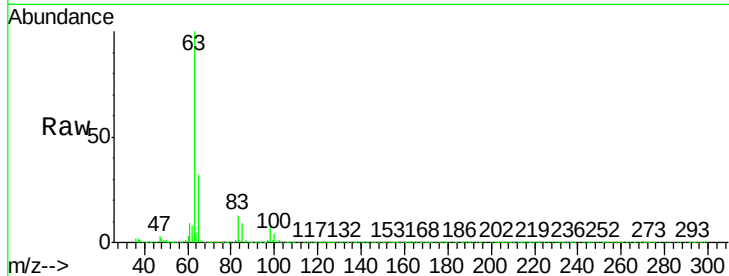
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	63	Resp:	1075374
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.8
100	4.2	2.1	6.5

Manual Integrations
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sam
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#25

2-Butanone

Concen: 219.999 ug/l

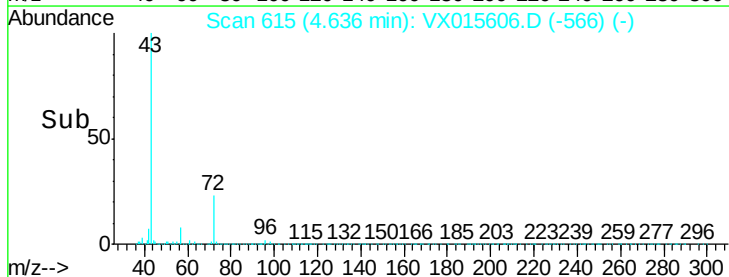
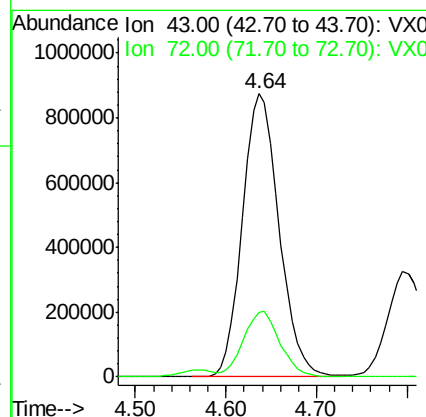
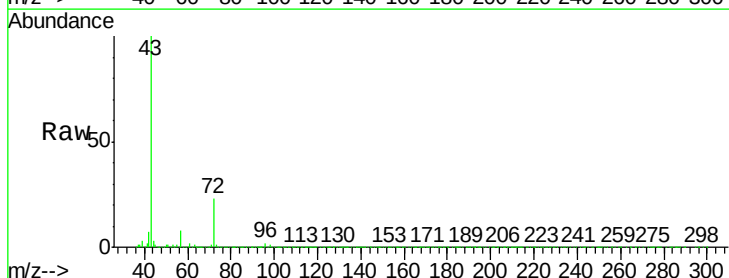
RT: 4.64 min Scan# 615

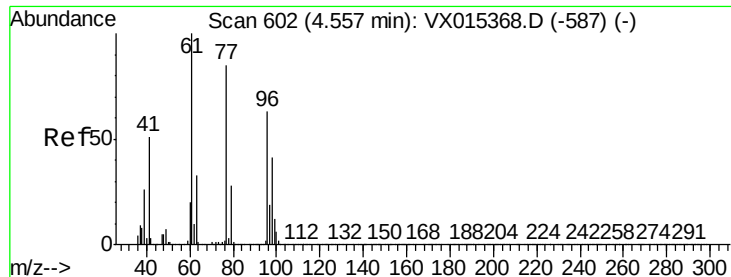
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	43	Resp:	2434279
Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.0	28.4





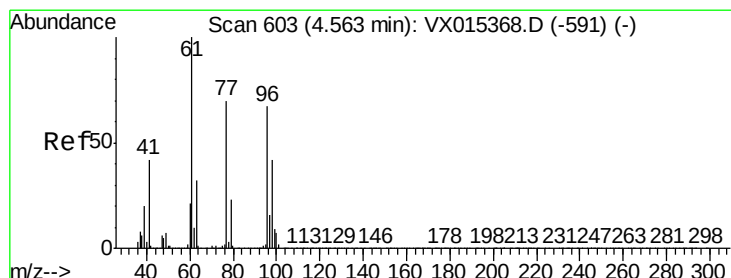
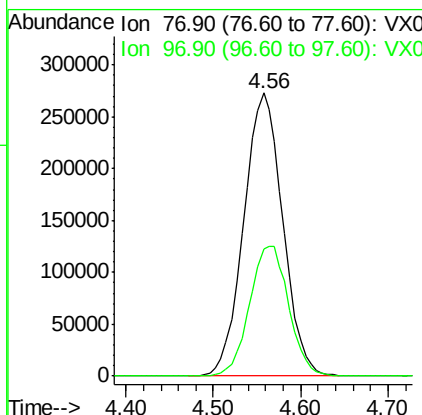
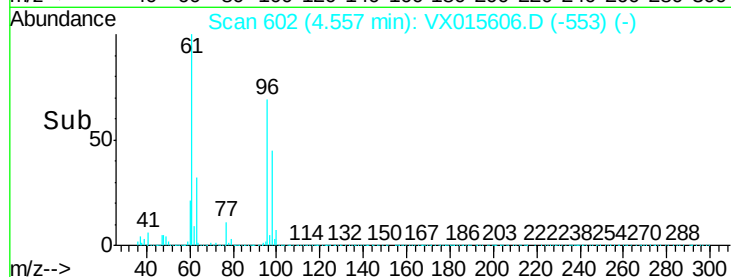
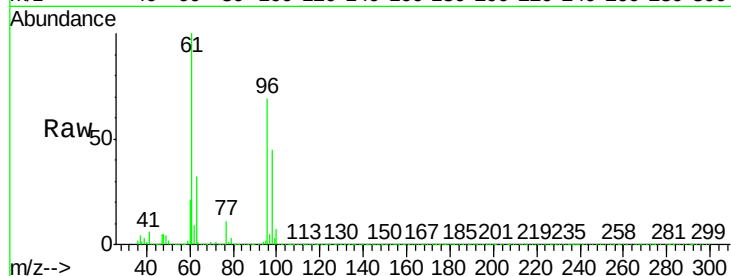
#26
2,2-Dichloropropane
Concen: 43.976 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 77 Resp: 843555
Ion Ratio Lower Upper
77 100
97 46.2 11.3 33.8#

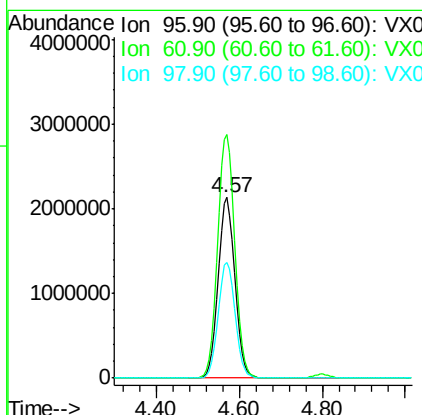
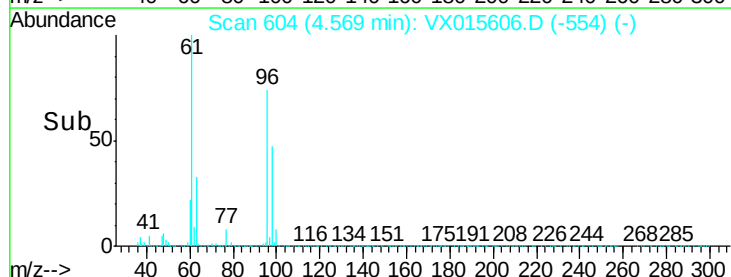
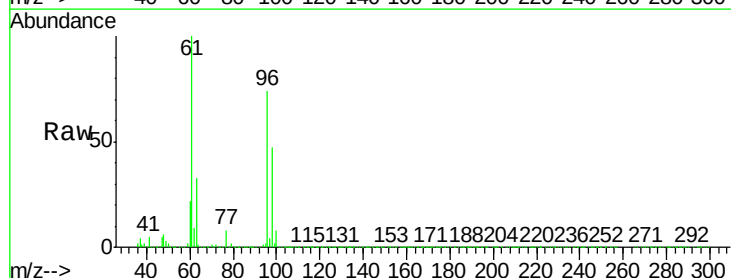
Manual Integrations
APPROVED

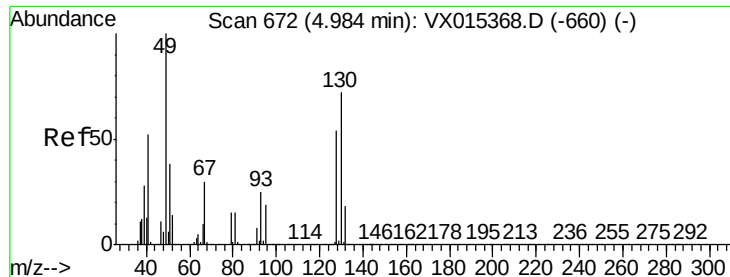
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#27
cis-1,2-Dichloroethene
Concen: 429.144 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 96 Resp: 5906985
Ion Ratio Lower Upper
96 100
61 138.0 0.0 308.4
98 64.7 0.0 129.2





#28

Bromochloromethane

Concen: 49.918 ug/l

RT: 4.99 min Scan# 673

Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

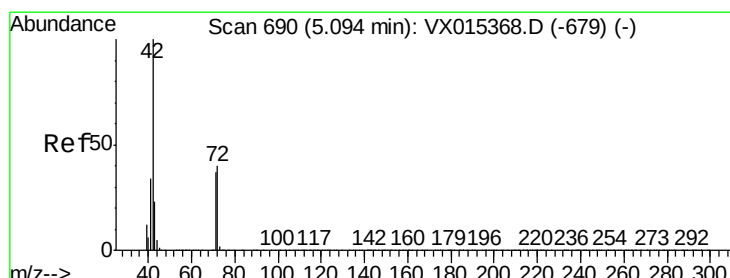
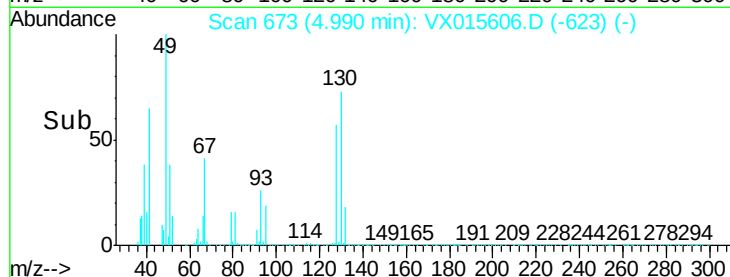
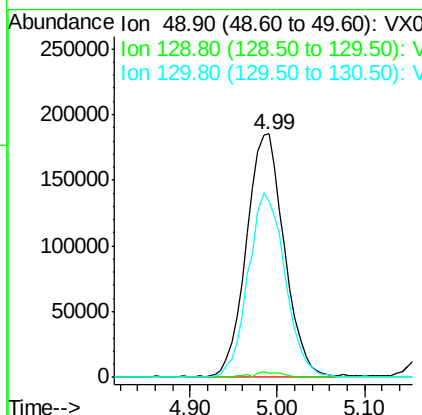
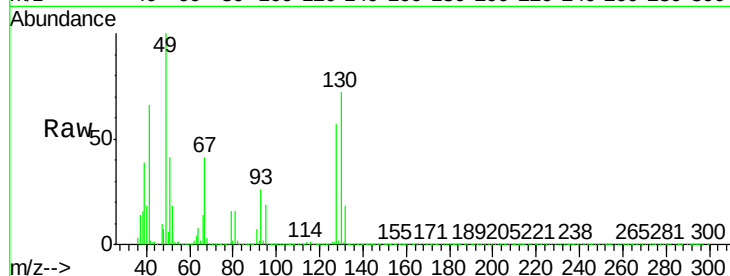
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	49	Resp:	556976
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.4
130	74.1	57.7	86.5

Manual Integrations
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#29

Tetrahydrofuran

Concen: 223.319 ug/l

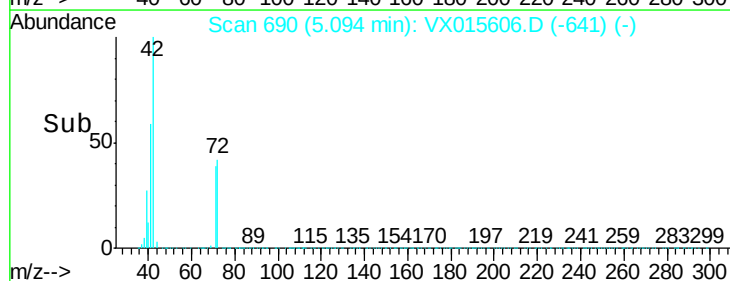
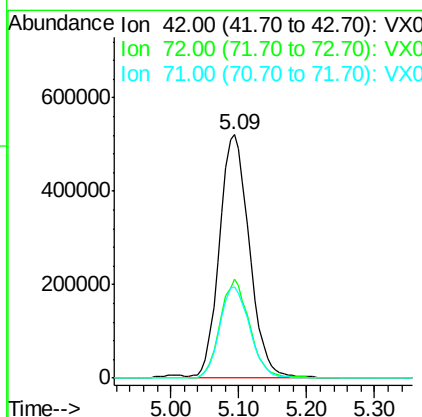
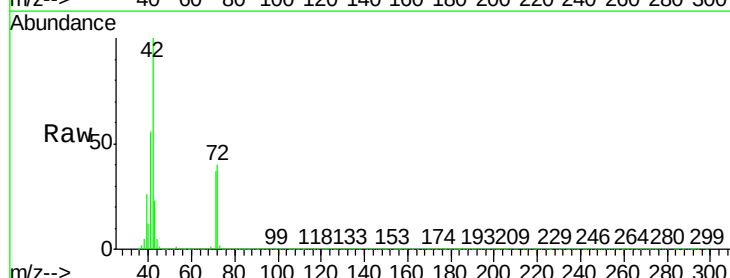
RT: 5.09 min Scan# 690

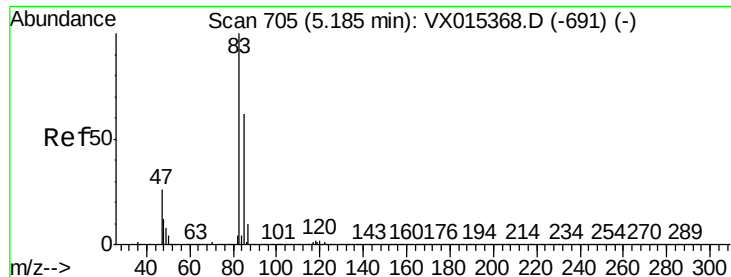
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	42	Resp:	1588548
Ion Ratio	Lower	Upper	
42	100		
72	40.1	31.7	47.5
71	37.5	29.6	44.4





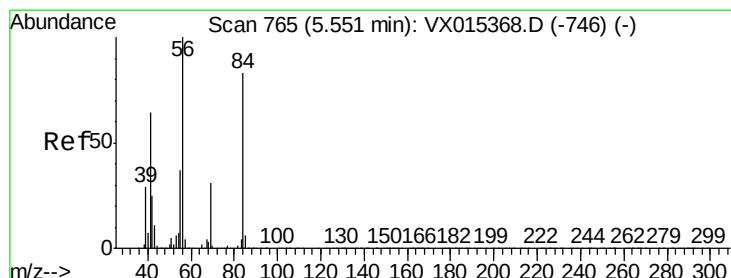
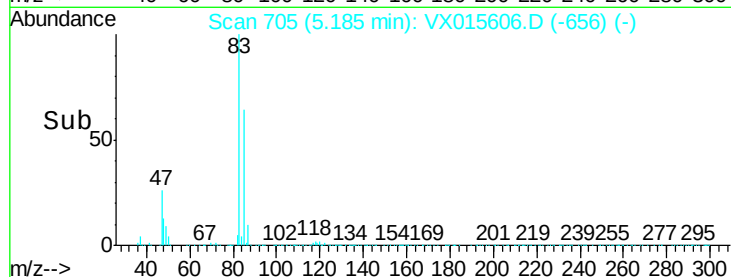
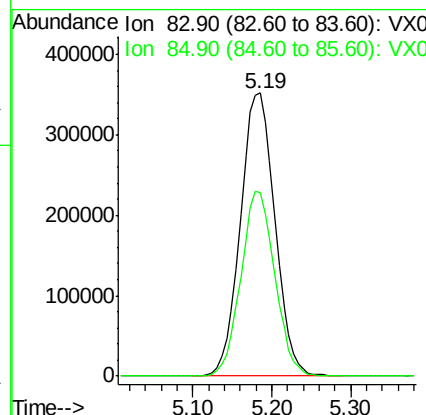
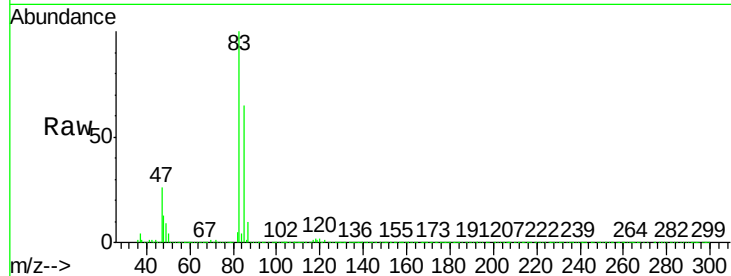
#30
Chloroform
Concen: 47.547 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 83 Resp: 1069039
Ion Ratio Lower Upper
83 100
85 64.6 49.5 74.3

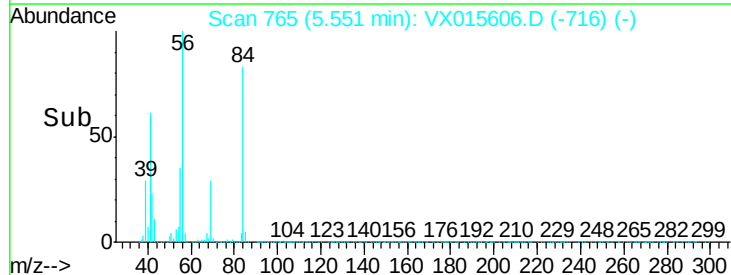
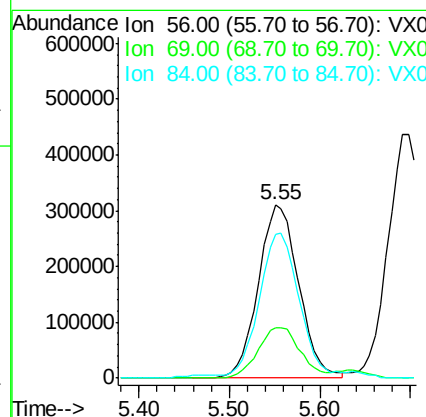
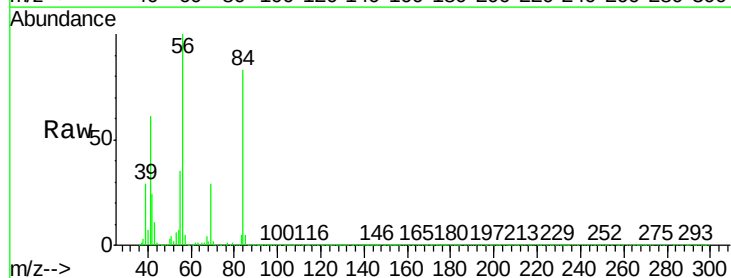
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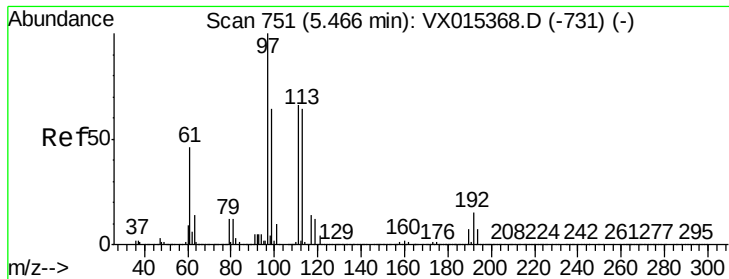
sam
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#31
Cyclohexane
Concen: 46.865 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 56 Resp: 950101
Ion Ratio Lower Upper
56 100
69 28.8 24.6 36.8
84 81.8 66.1 99.1





#32

1,1,1-Trichloroethane

Concen: 47.569 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

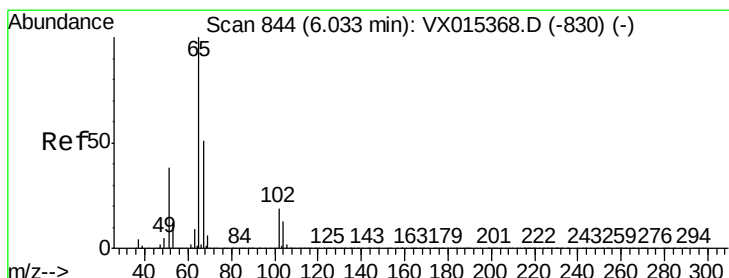
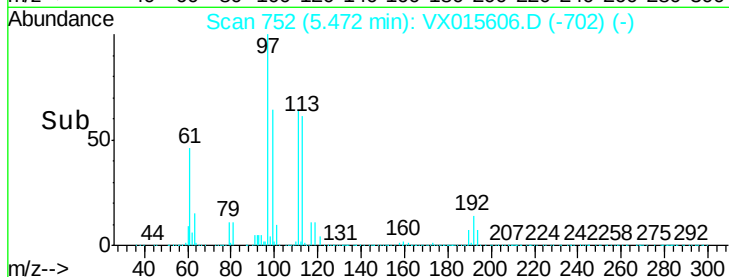
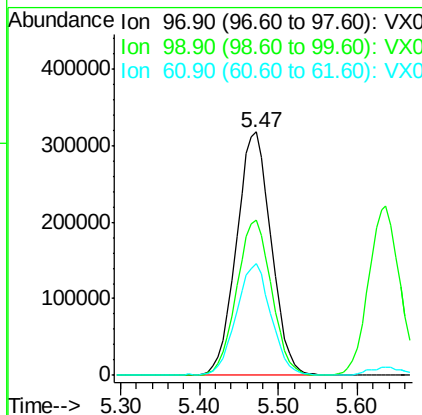
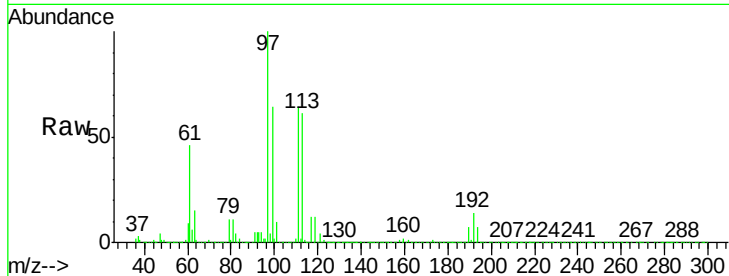
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	97	Resp:	967915
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	45.5	36.1	54.1

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 48.096 ug/l

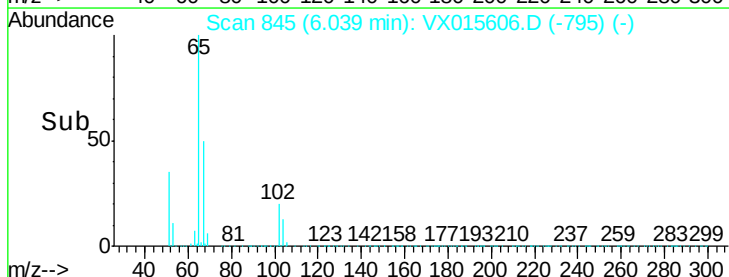
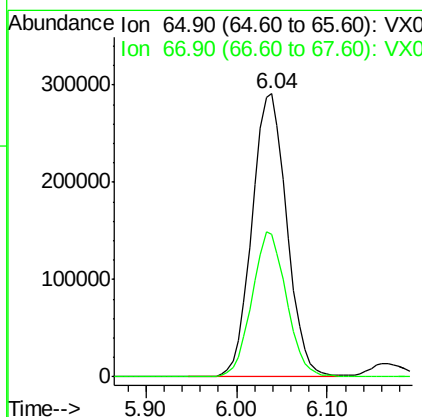
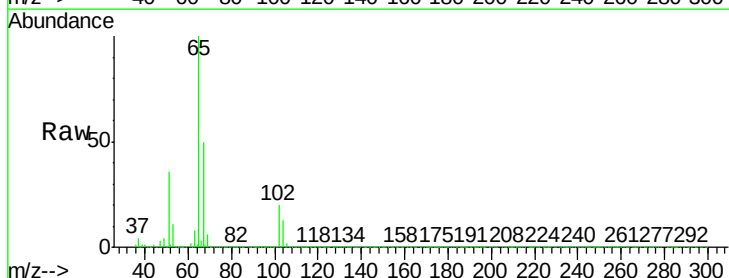
RT: 6.04 min Scan# 845

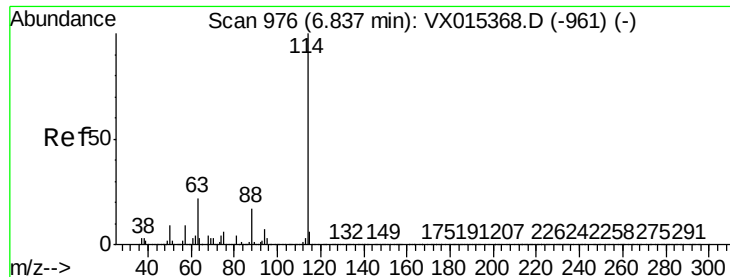
Delta R.T. 0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	65	Resp:	770250
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.6





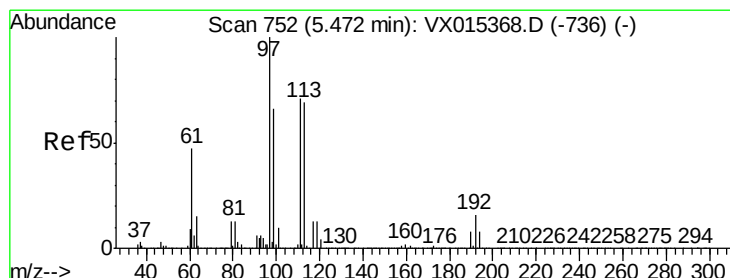
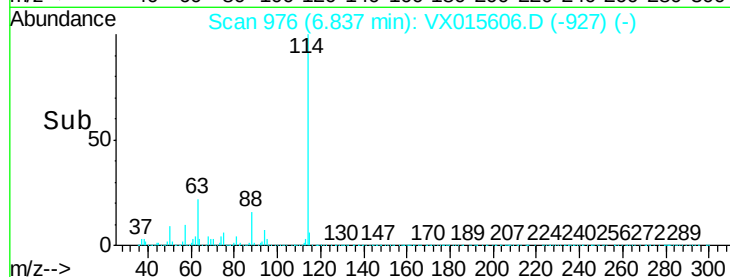
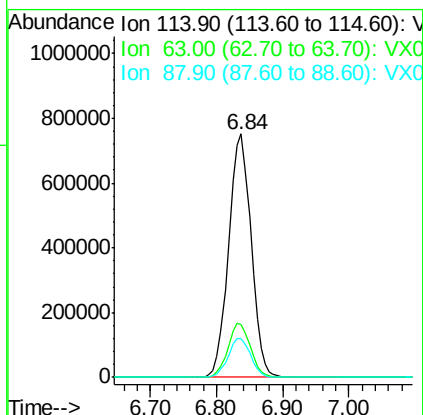
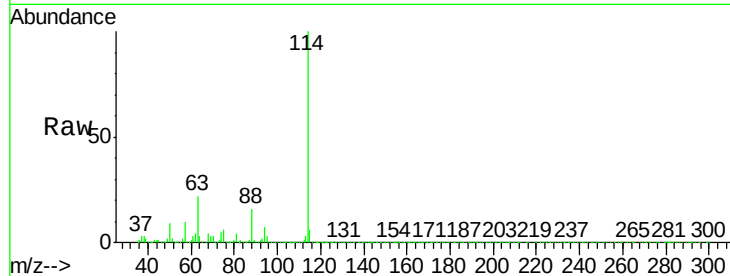
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.2
88	15.8	0.0	33.8

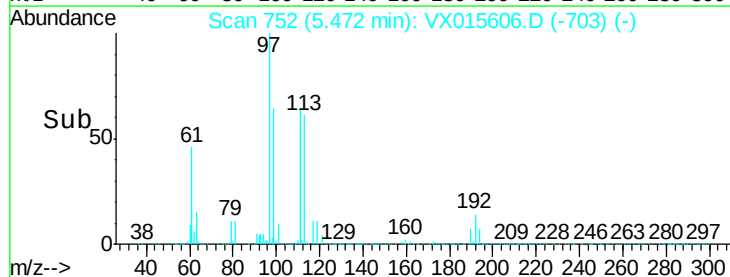
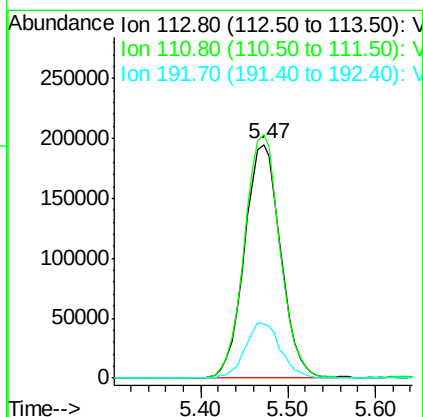
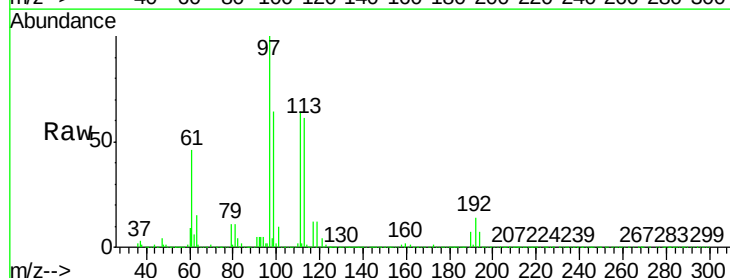
Manual Integrations
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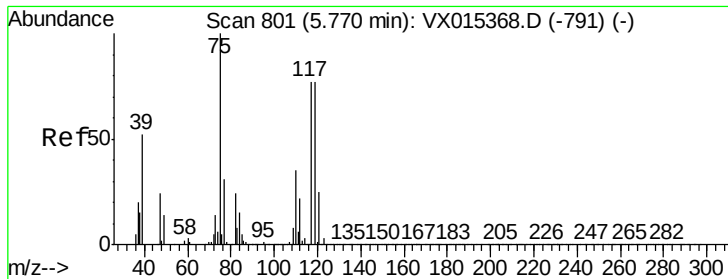
sam
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#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	23.3	17.8	26.6





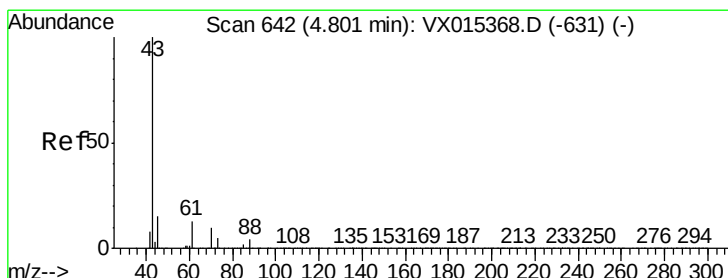
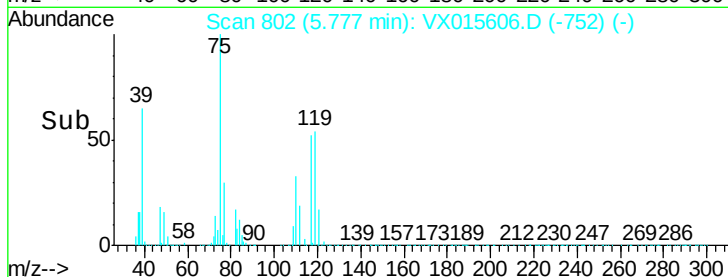
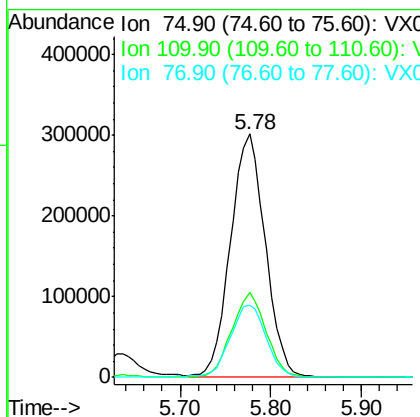
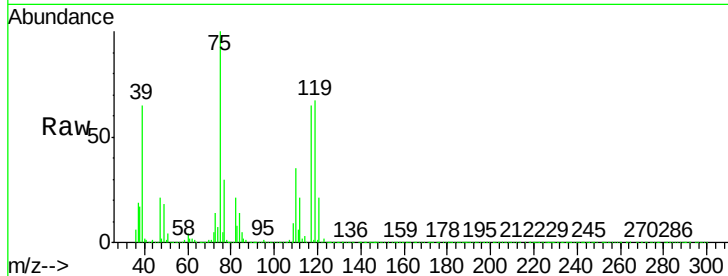
#36
 1,1-Dichloropropene
 Concen: 48.958 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.3
77	30.8	24.6	36.8

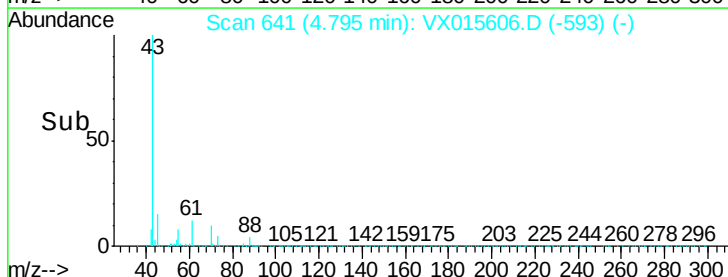
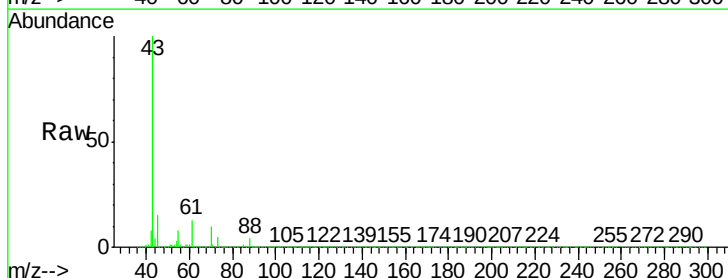
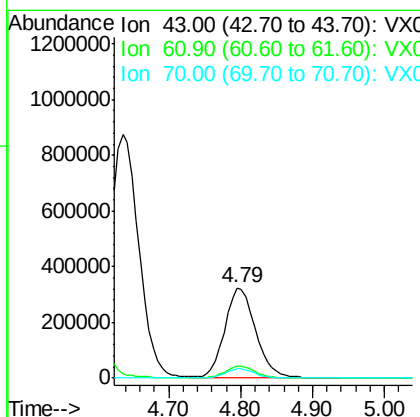
Manual Integrations
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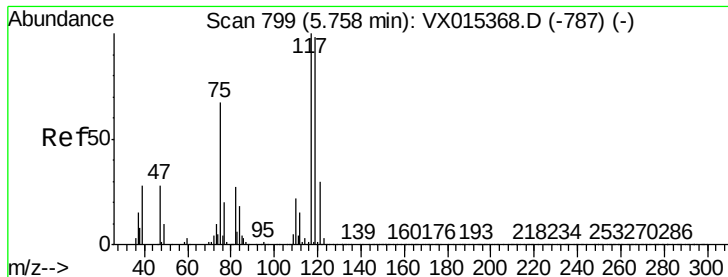
sam
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#37
 Ethyl Acetate
 Concen: 45.060 ug/l
 RT: 4.79 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	9.8	8.1	12.1





#38

Carbon Tetrachloride

Concen: 48.354 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

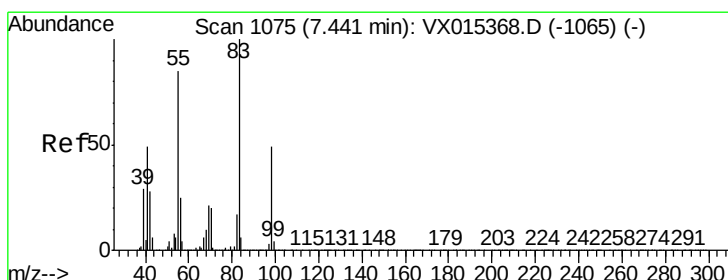
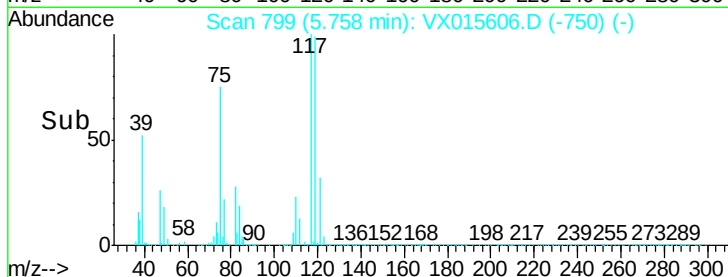
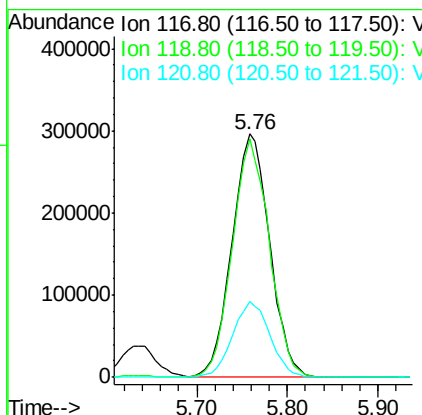
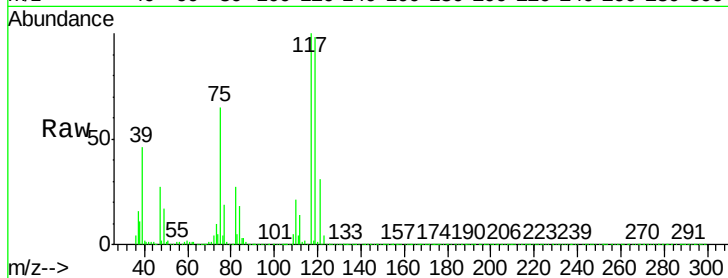
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	117	Resp:	852240
Ion Ratio	Lower	Upper	
117	100		
119	98.0	78.0	117.0
121	31.2	23.8	35.8

Manual Integrations
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#39

Methylcyclohexane

Concen: 48.914 ug/l

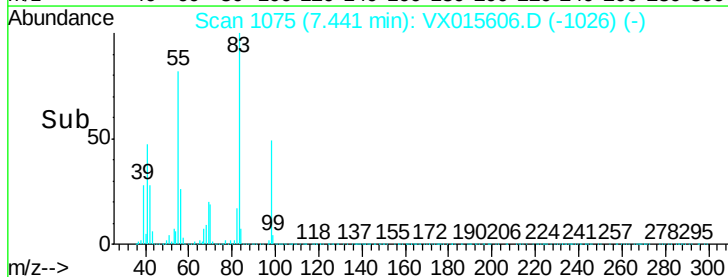
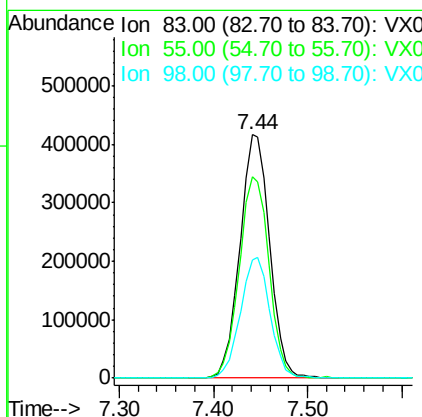
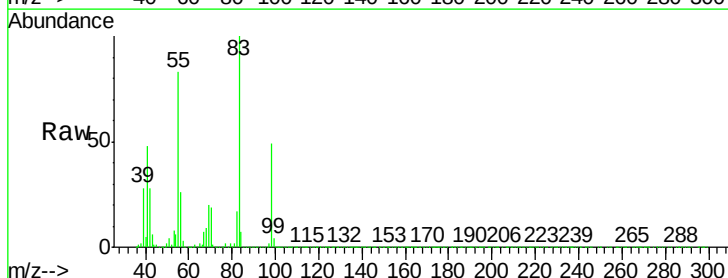
RT: 7.44 min Scan# 1075

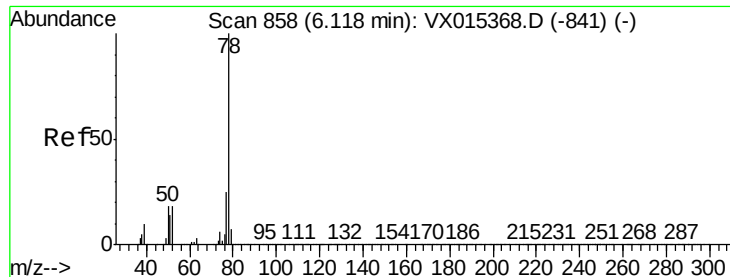
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	83	Resp:	917751
Ion Ratio	Lower	Upper	
83	100		
55	82.4	67.8	101.6
98	48.7	39.3	58.9





#40

Benzene

Concen: 48.185 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 78 Resp: 2296855

Ion Ratio Lower Upper

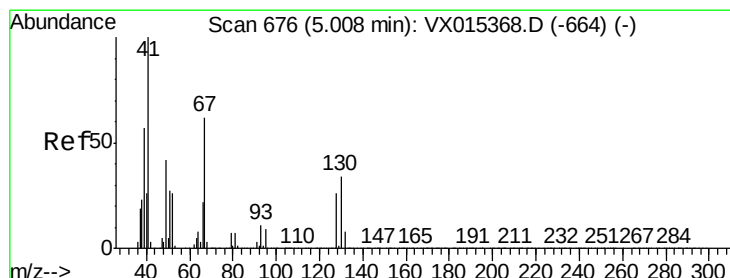
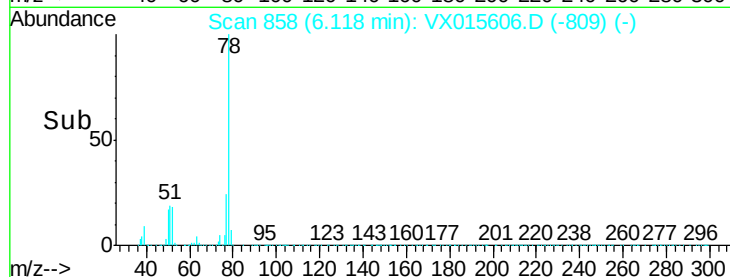
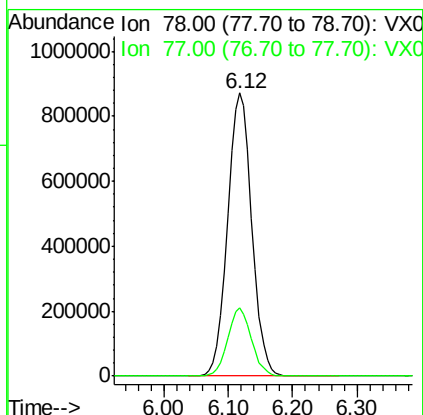
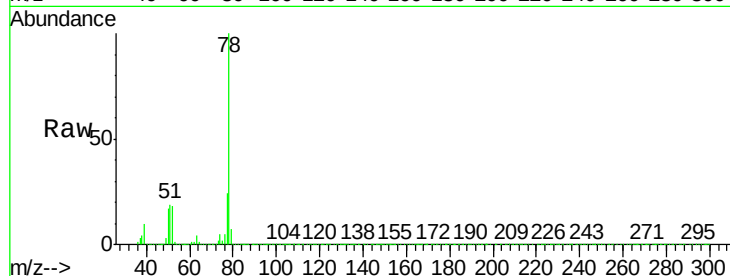
78 100

77 24.1 19.8 29.8

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#41

Methacrylonitrile

Concen: 48.149 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion: 41 Resp: 566329

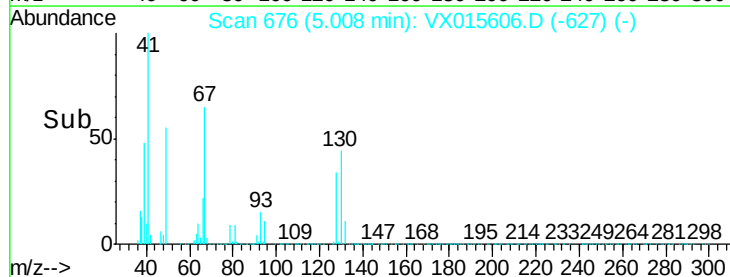
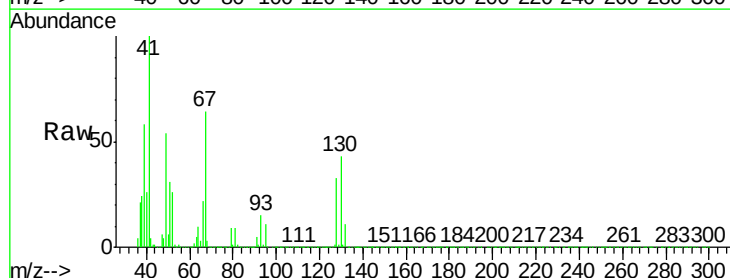
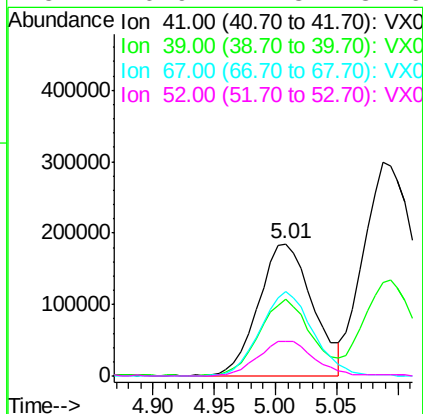
Ion Ratio Lower Upper

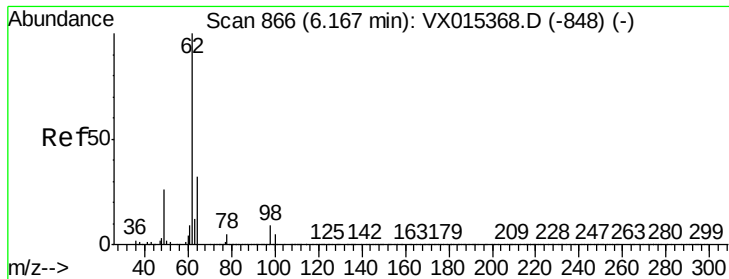
41 100

39 55.8 44.5 66.7

67 62.3 48.9 73.3

52 26.9 21.8 32.6





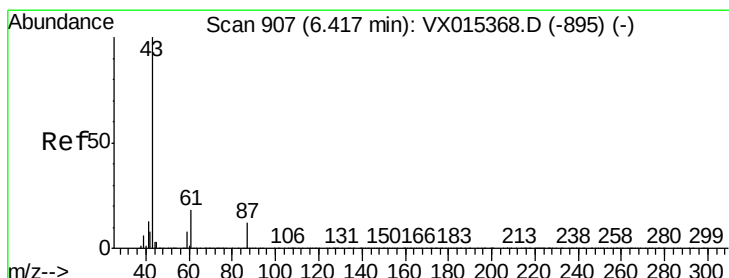
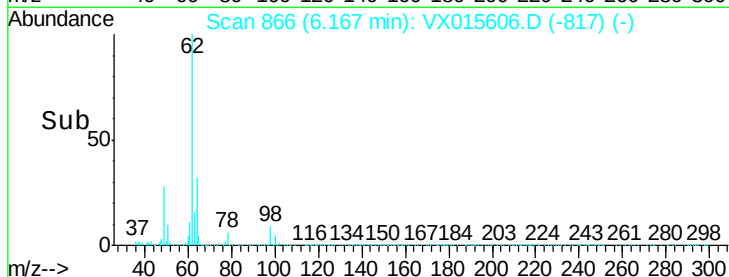
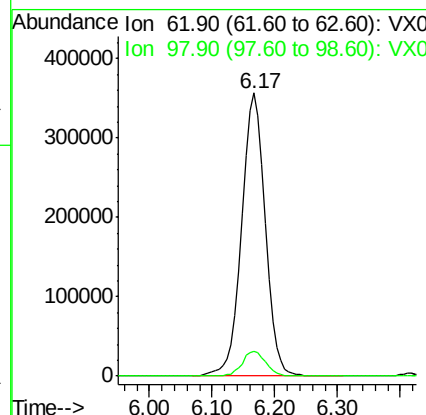
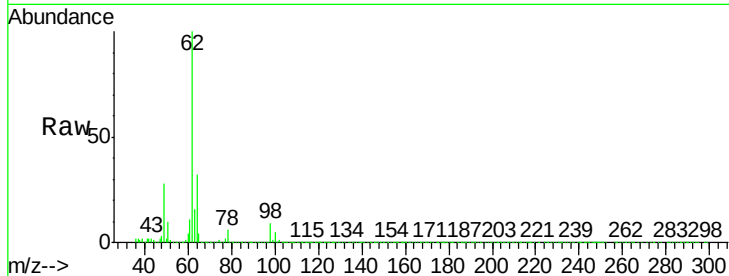
#42
1,2-Dichloroethane
Concen: 48.686 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6

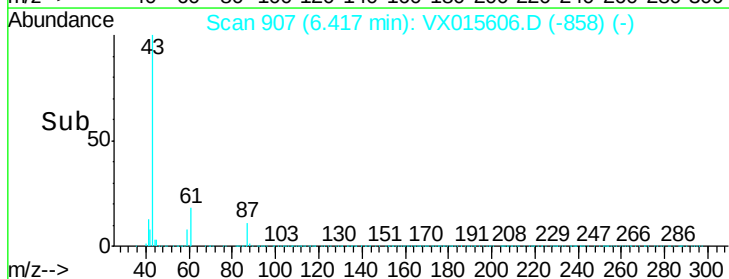
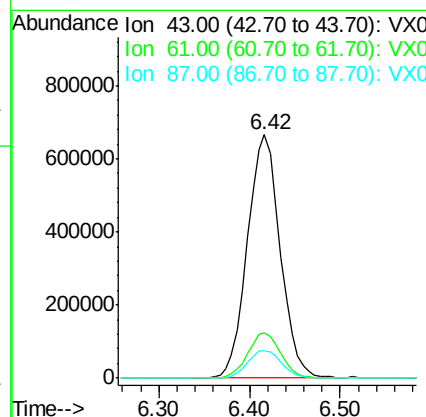
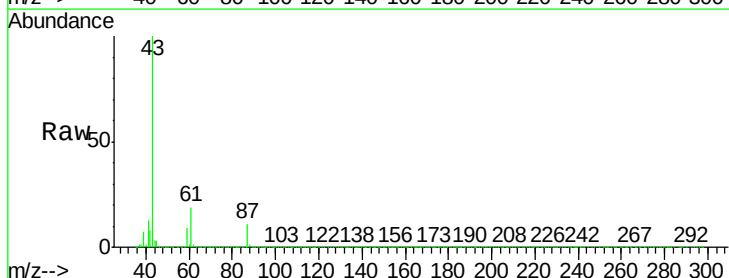
Manual Integrations
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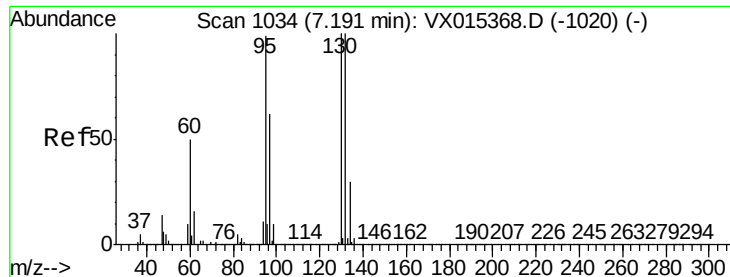
sam
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#43
Isopropyl Acetate
Concen: 46.249 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	11.9	9.4	14.0





#44

Trichloroethene

Concen: 159.743 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion:130 Resp: 2076662

Ion Ratio Lower Upper

130 100

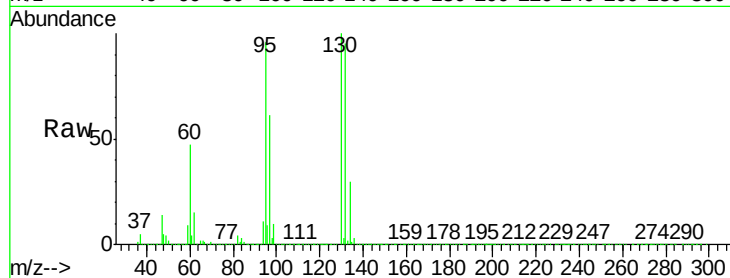
95 95.8 0.0 199.0

Manual Integrations

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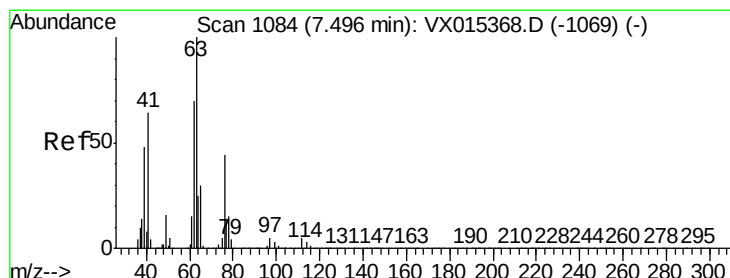
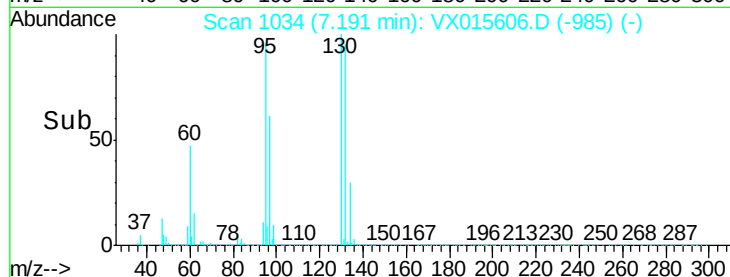
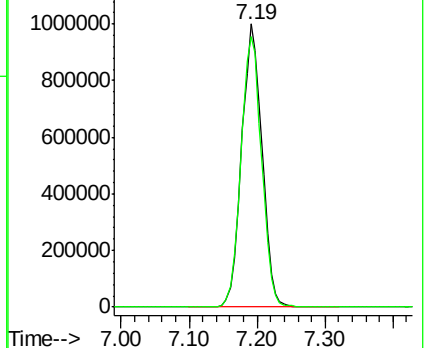
sam

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 47.444 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015606.D

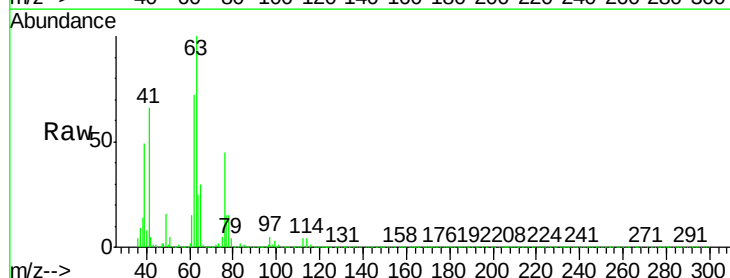
Acq: 09 Apr 2020 19:00

Tgt Ion: 63 Resp: 618665

Ion Ratio Lower Upper

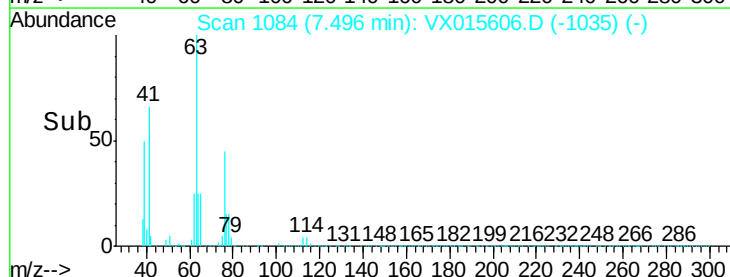
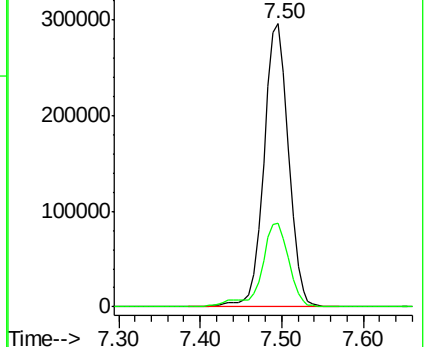
63 100

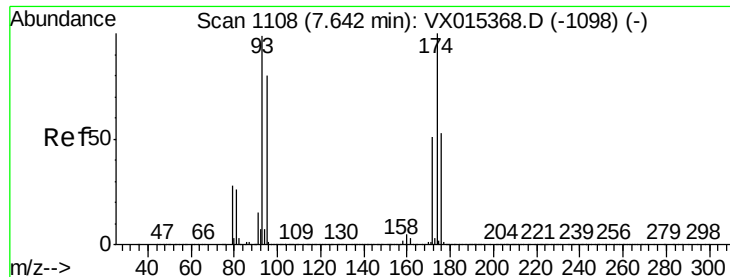
65 29.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





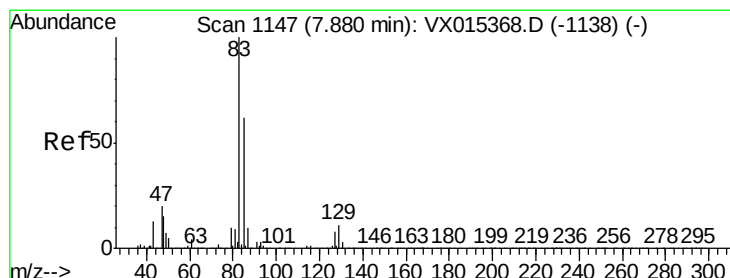
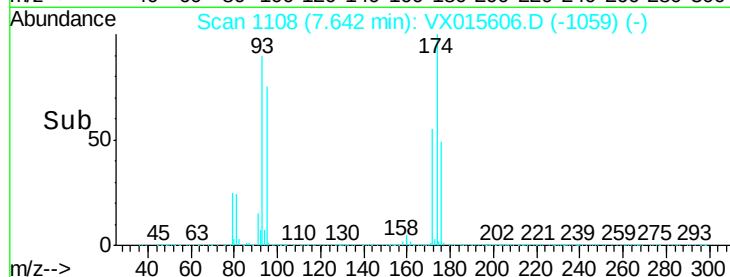
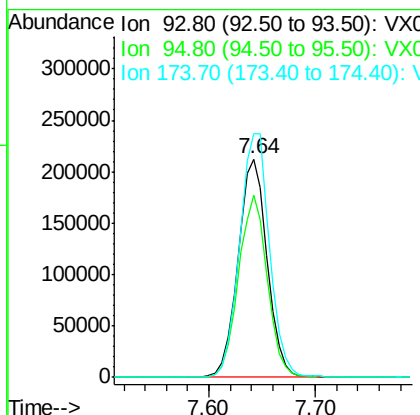
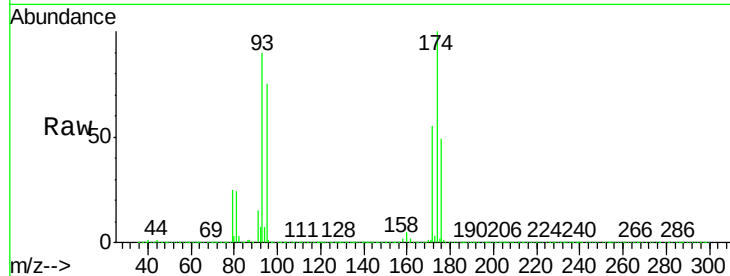
#46
Dibromomethane
Concen: 47.517 ug/l
RT: 7.64 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	115.8	86.2	129.2

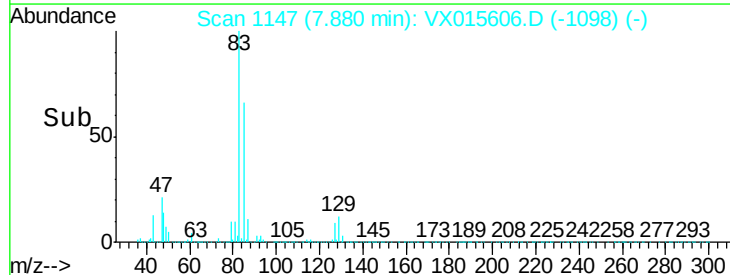
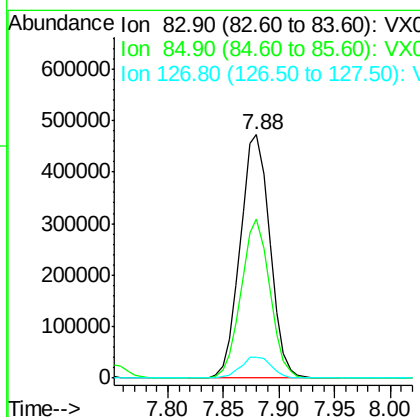
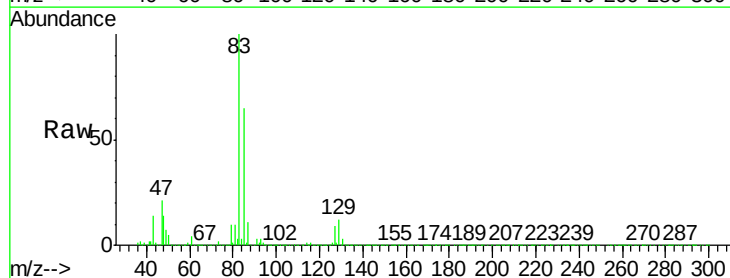
Manual Integrations
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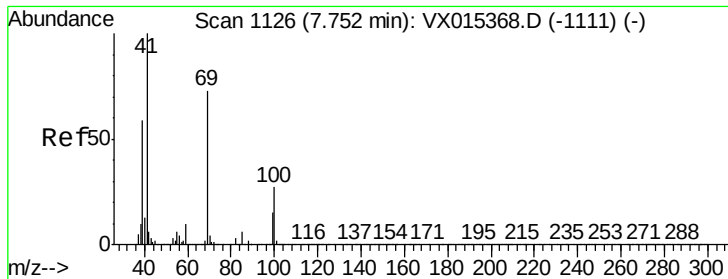
sam
4/10/2020 2:13:08 PM



#47
Bromodichloromethane
Concen: 47.959 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.7	74.5
127	8.6	6.7	10.1





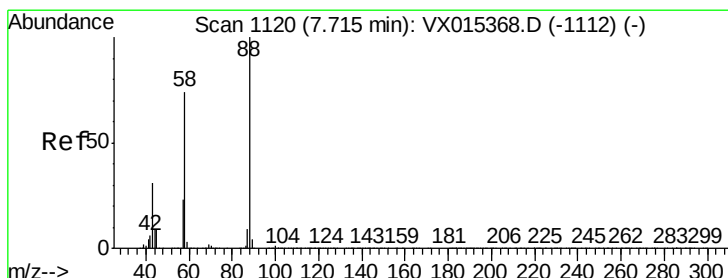
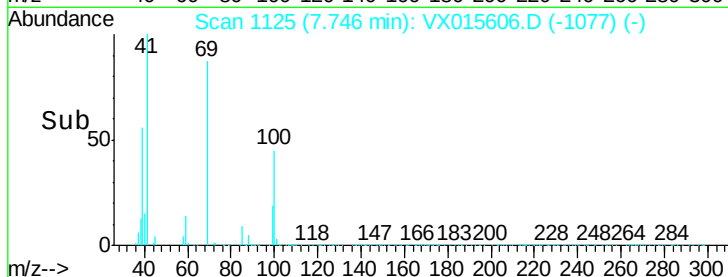
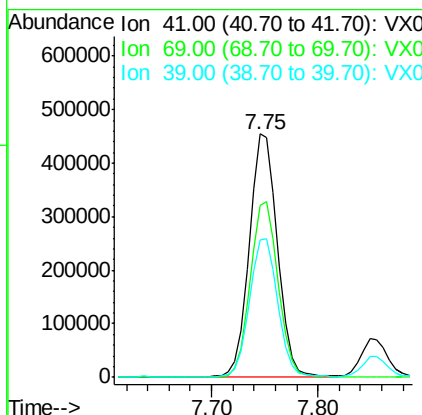
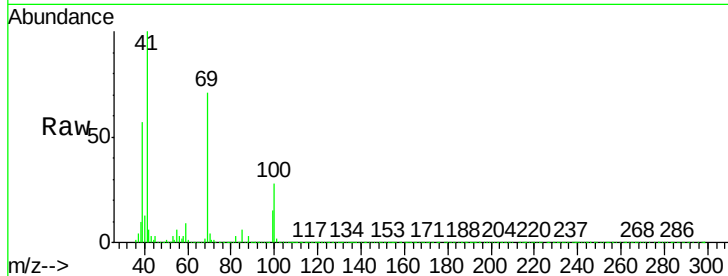
#48
Methvl methacrylate
Concen: 47.050 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	840577		
69	71.7	56.7	85.1	
39	57.3	46.5	69.7	

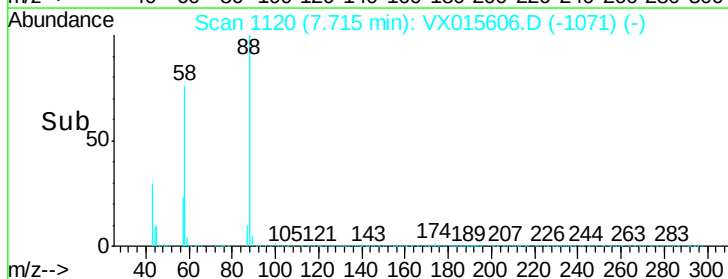
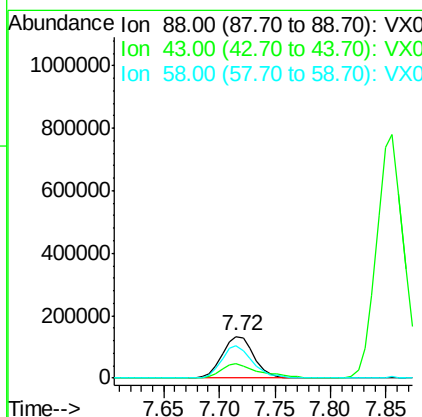
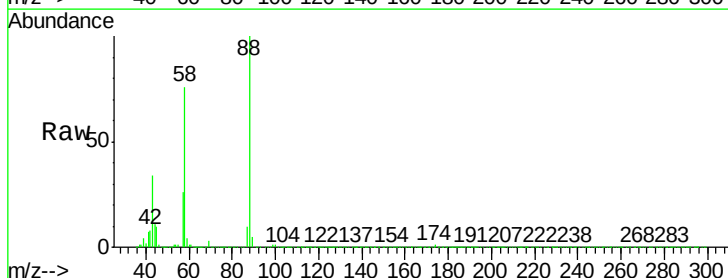
Manual Integrations
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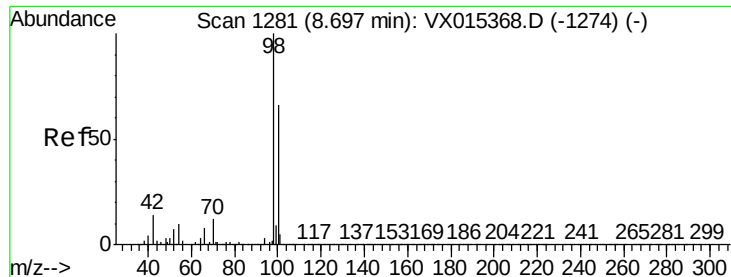
sam
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#49
1,4-Dioxane
Concen: 790.924 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	263602		
43	40.0	30.1	45.1	
58	74.7	60.6	90.8	





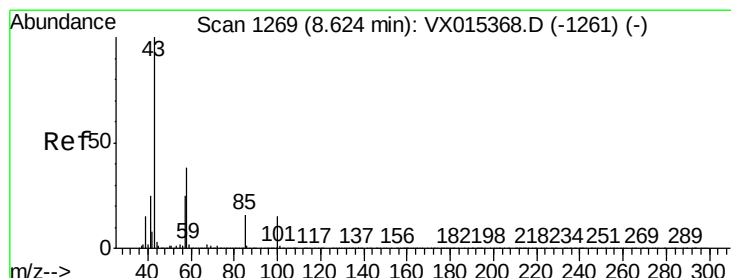
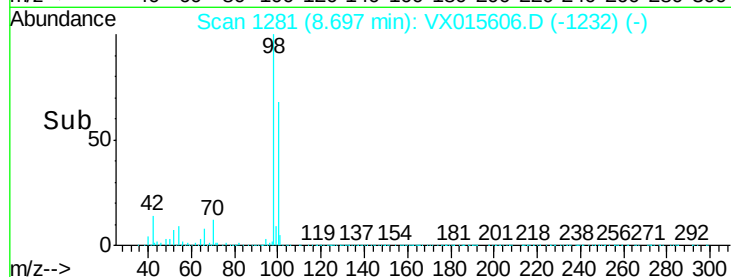
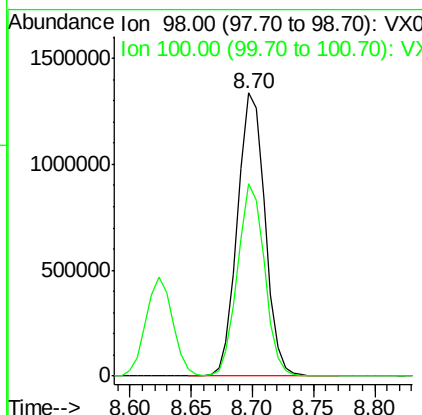
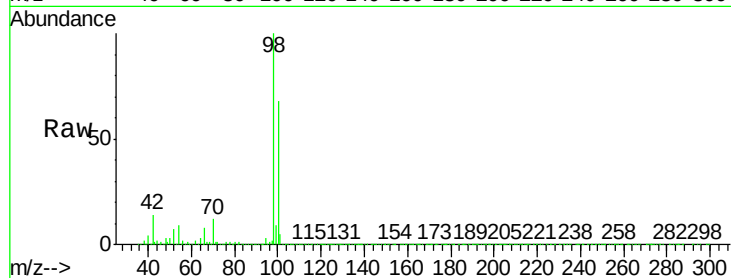
#50
Toluene-d8
Concen: 50.074 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 98 Resp: 2081301
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3

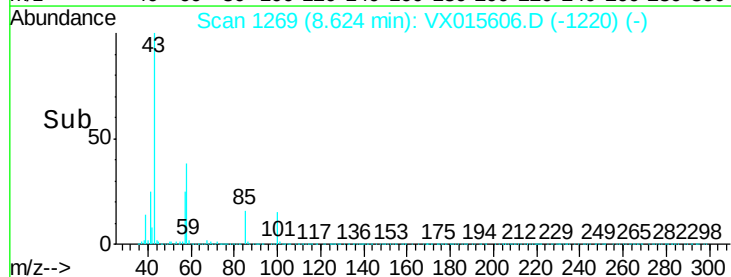
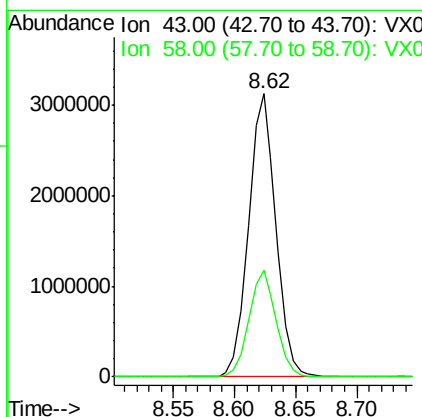
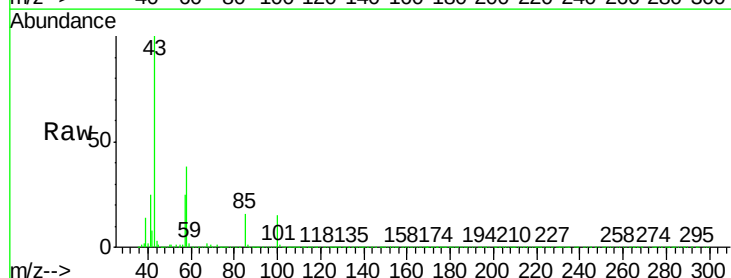
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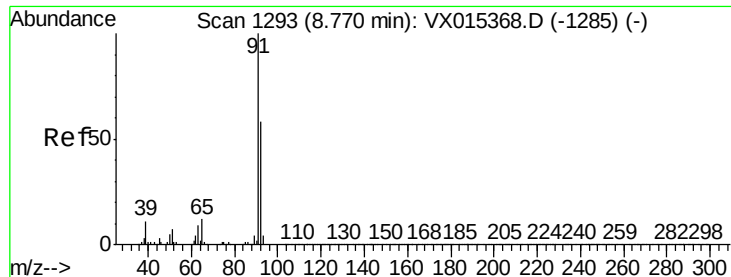
sam
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#51
4-Methyl-2-Pentanone
Concen: 238.570 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 43 Resp: 4835908
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5





#52

Toluene

Concen: 49.927 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 92 Resp: 1467242

Ion Ratio Lower Upper

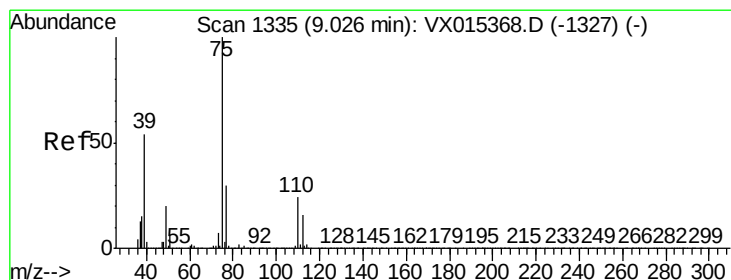
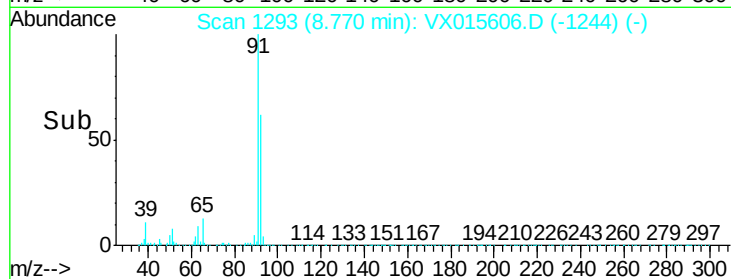
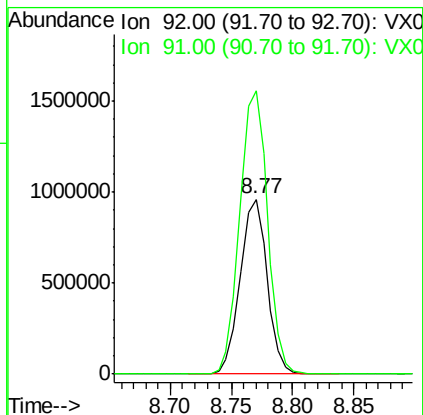
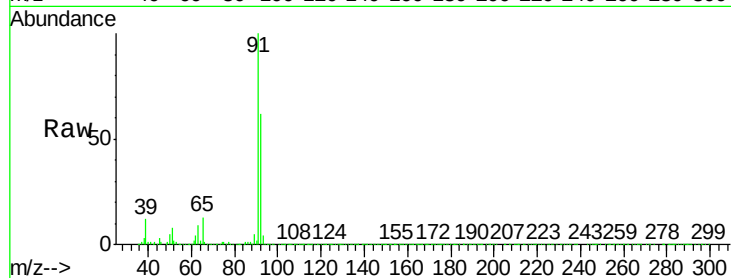
92 100

91 167.3 136.6 205.0

Manual Integrations
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sam

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#53

t-1,3-Dichloropropene

Concen: 47.053 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015606.D

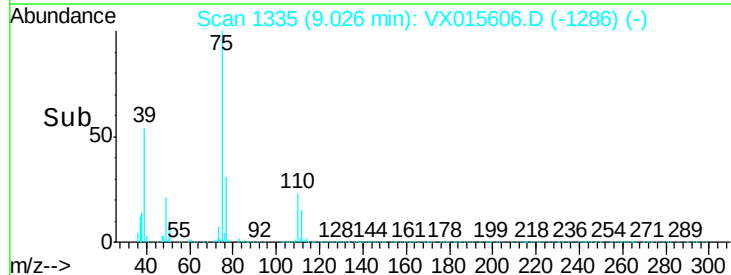
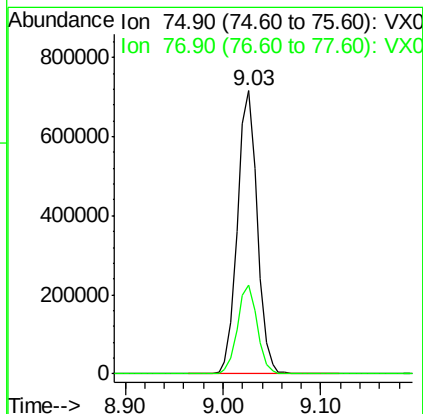
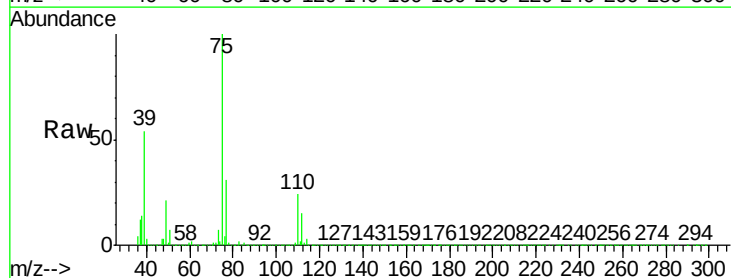
Acq: 09 Apr 2020 19:00

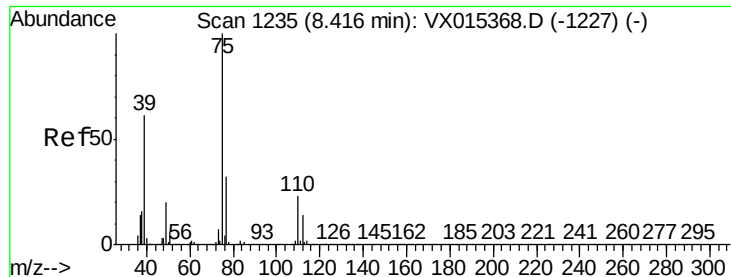
Tgt Ion: 75 Resp: 1005820

Ion Ratio Lower Upper

75 100

77 31.3 24.1 36.1





#54

cis-1,3-Dichloropropene

Concen: 47.559 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 75 Resp: 1035603

Ion Ratio Lower Upper

75 100

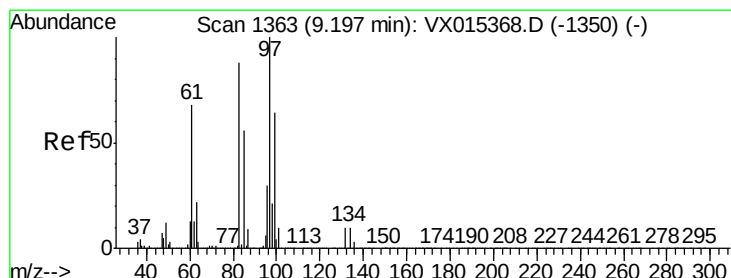
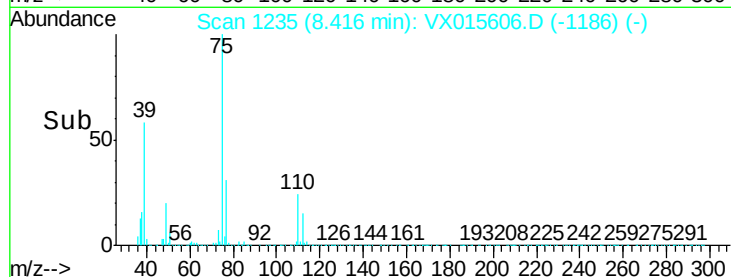
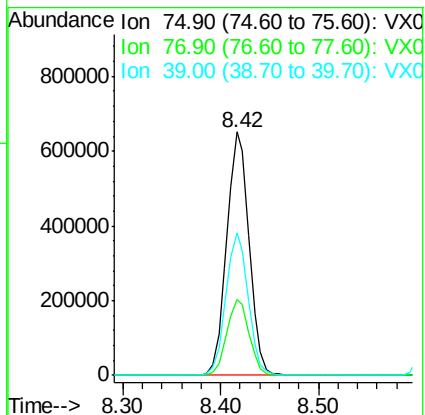
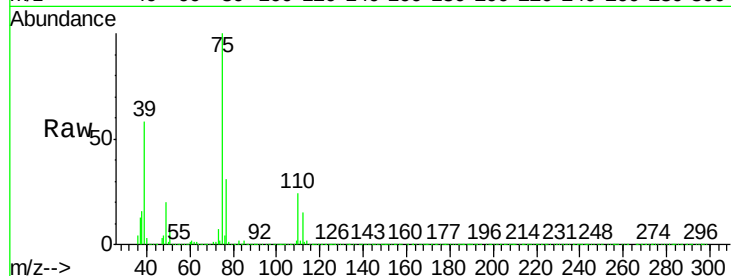
77 31.4 25.8 38.6

39 58.2 49.0 73.4

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 49.973 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion: 97 Resp: 601694

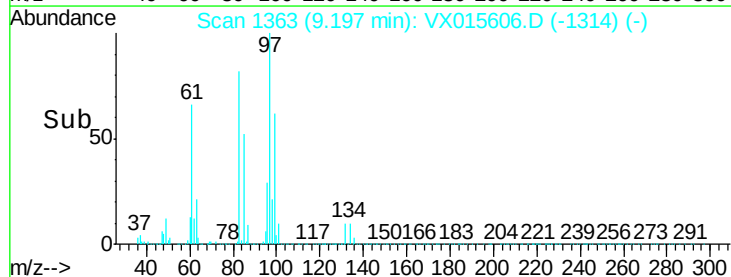
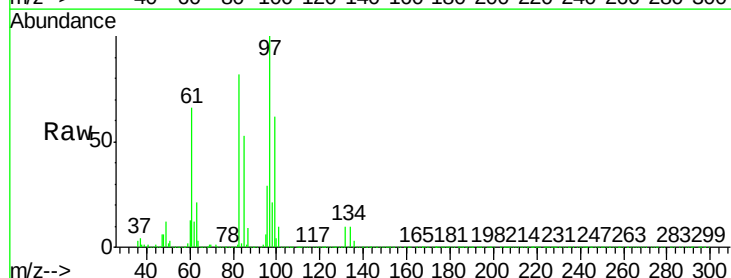
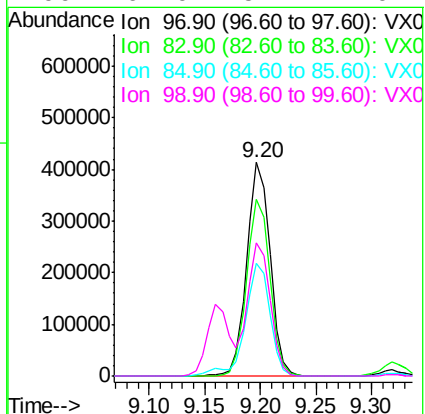
Ion Ratio Lower Upper

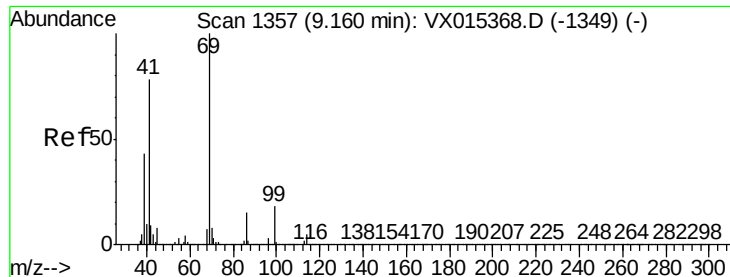
97 100

83 82.3 70.2 105.4

85 52.5 44.7 67.1

99 62.0 51.1 76.7





#56

Ethyl methacrylate

Concen: 48.089 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

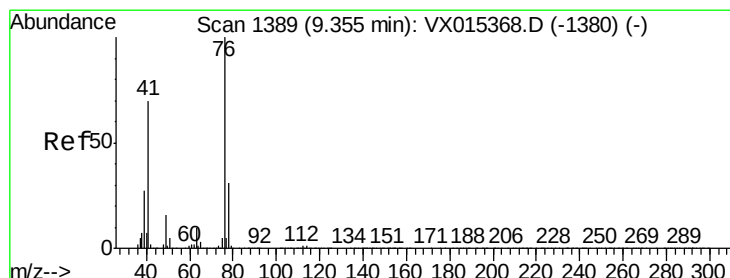
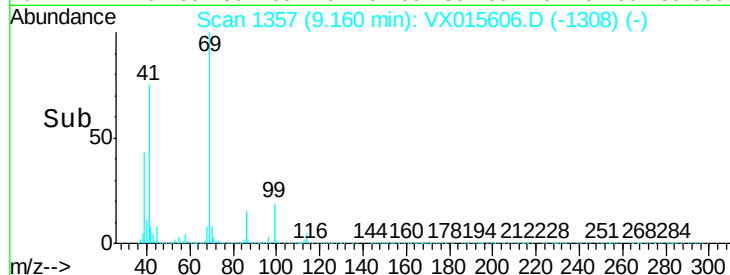
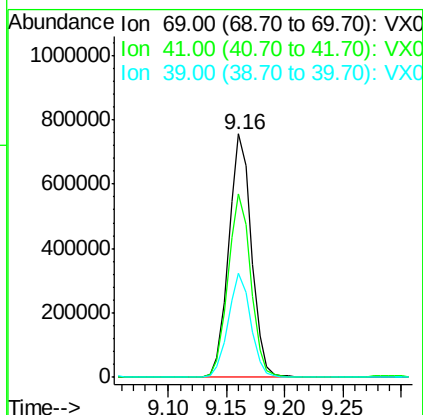
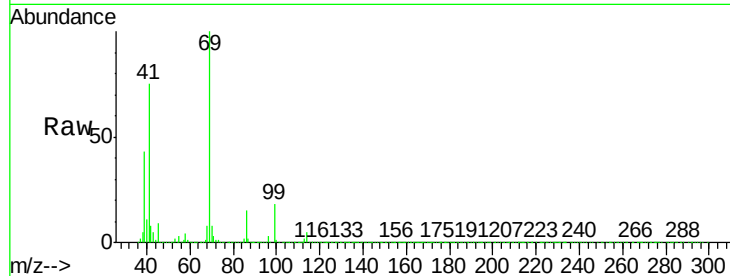
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	69	Resp:	1020429
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.6	92.4
39	42.2	34.0	51.0

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 47.480 ug/l

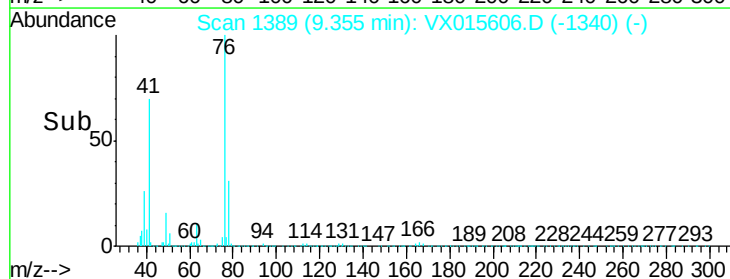
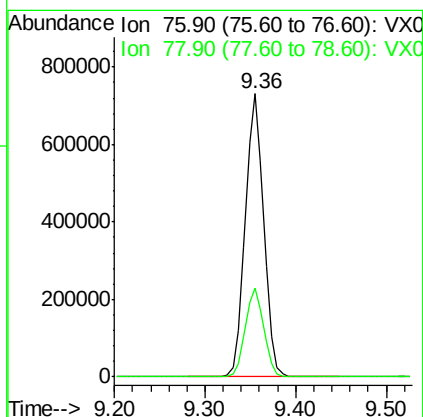
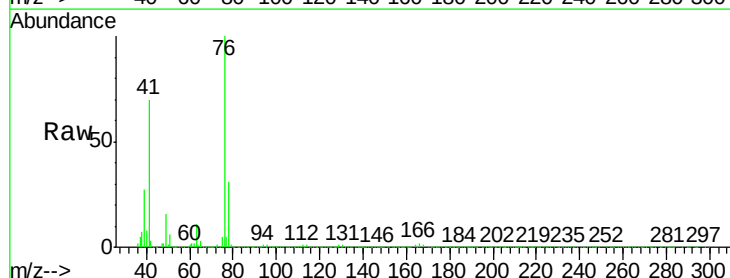
RT: 9.36 min Scan# 1389

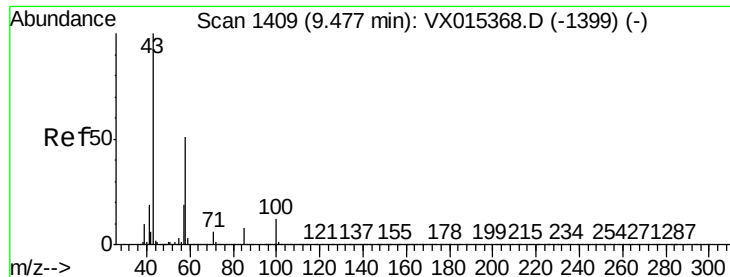
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	76	Resp:	1029978
Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.8	38.8





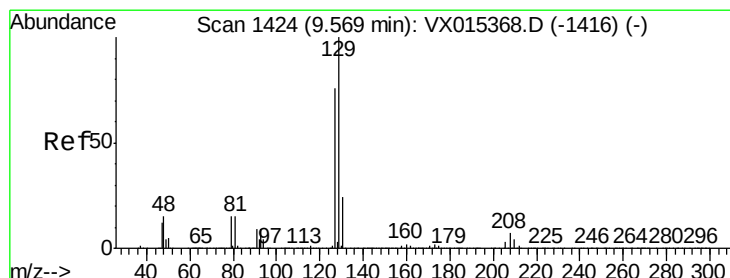
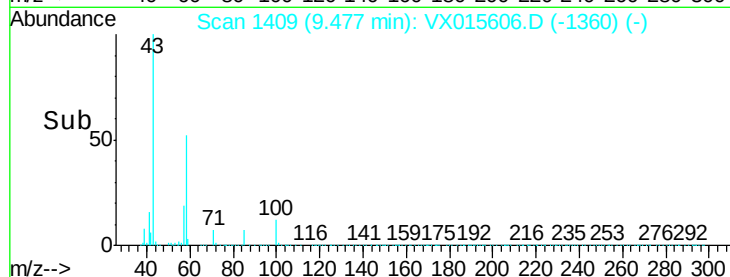
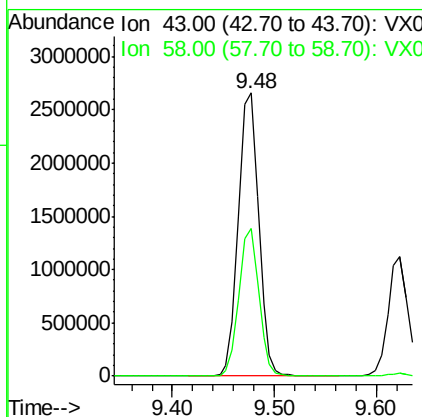
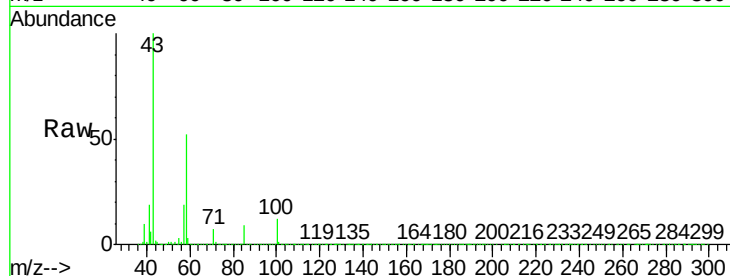
#59
2-Hexanone
Concen: 239.133 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 43 Resp: 3659619
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6

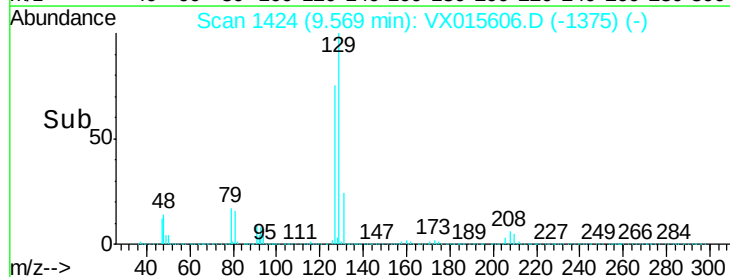
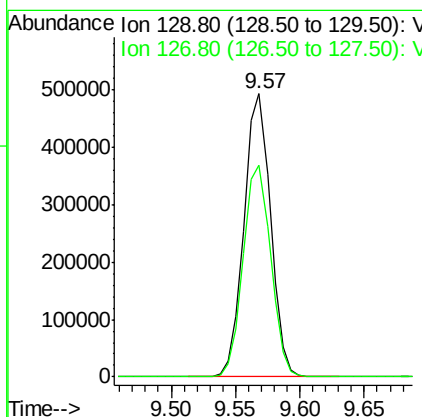
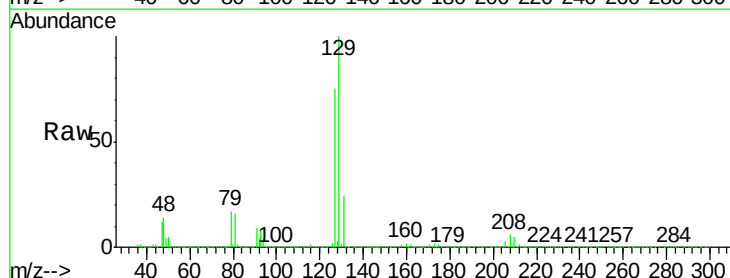
Manual Integrations
APPROVED

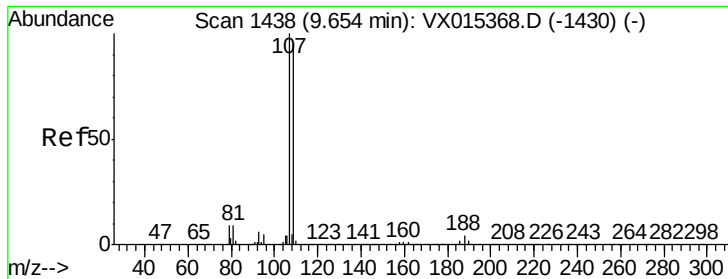
sam
4/10/2020 2:13:08 PM



#60
Dibromochloromethane
Concen: 48.417 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 129 Resp: 700511
Ion Ratio Lower Upper
129 100
127 77.9 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.249 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 107 Resp: 644770

Ion Ratio Lower Upper

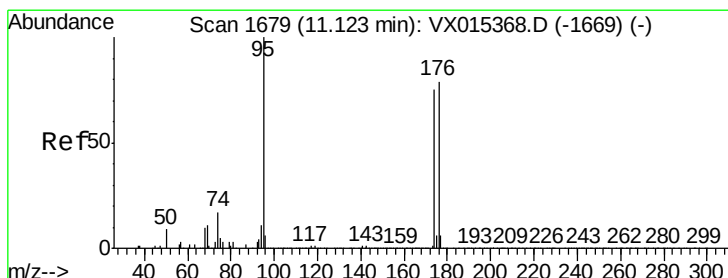
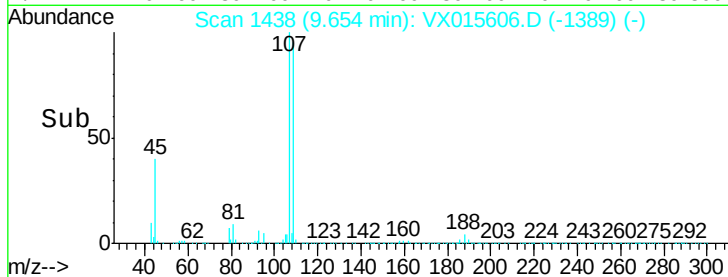
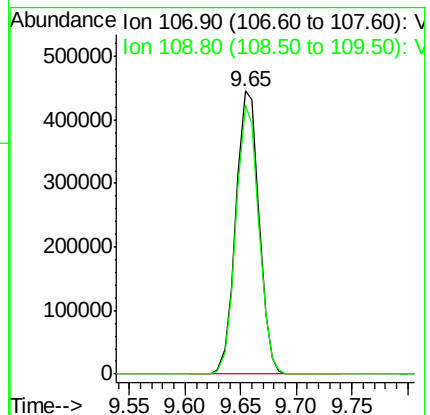
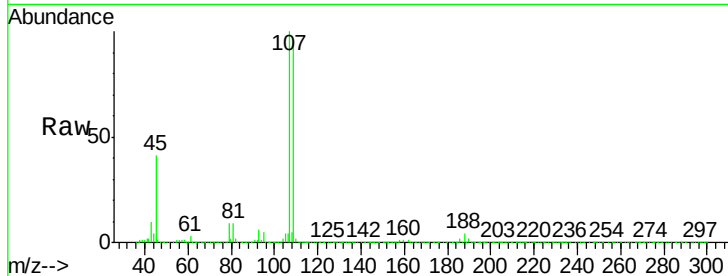
107 100

109 94.1 74.8 112.2

Manual Integrations
APPROVED

sam

4/10/2020 2:13:08 PM



#62

4-Bromofluorobenzene

Concen: 50.877 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

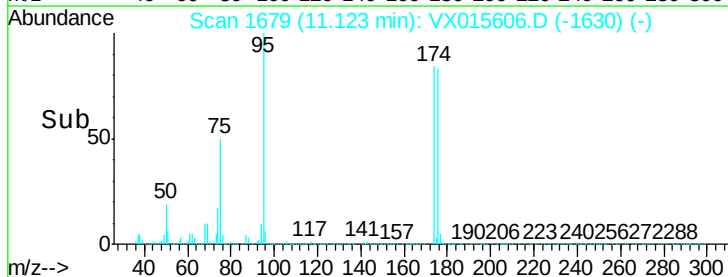
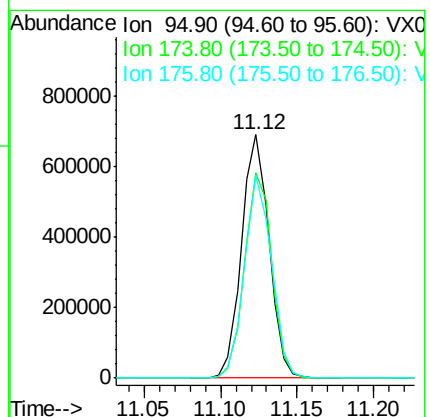
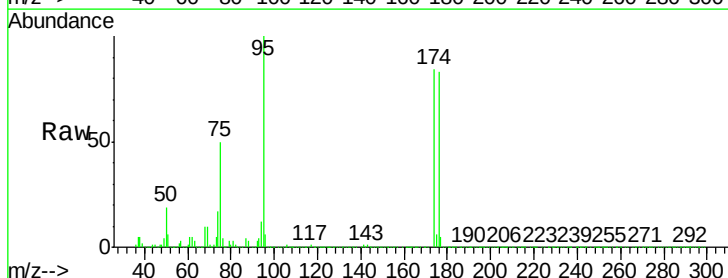
Tgt Ion: 95 Resp: 859415

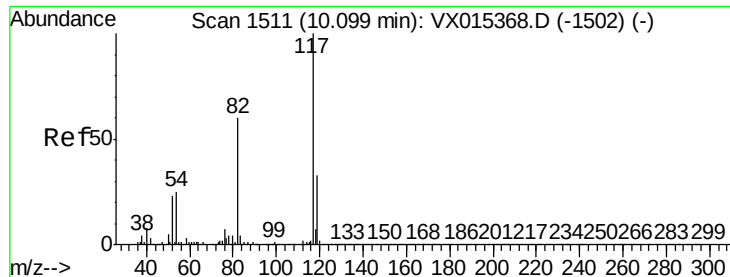
Ion Ratio Lower Upper

95 100

174 83.9 0.0 158.6

176 82.8 0.0 159.0





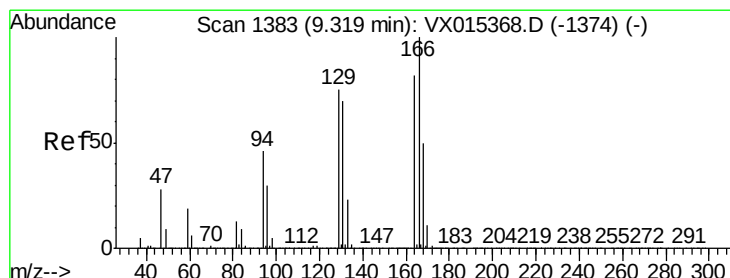
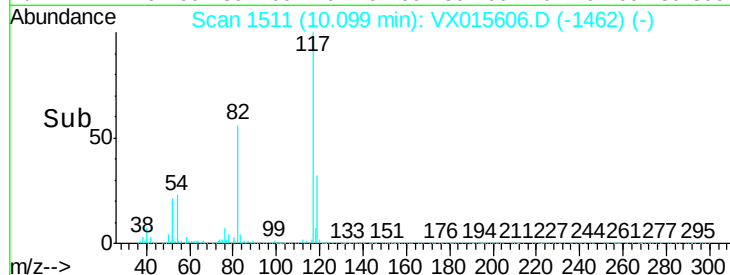
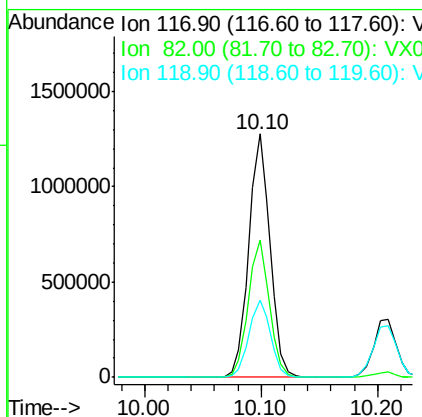
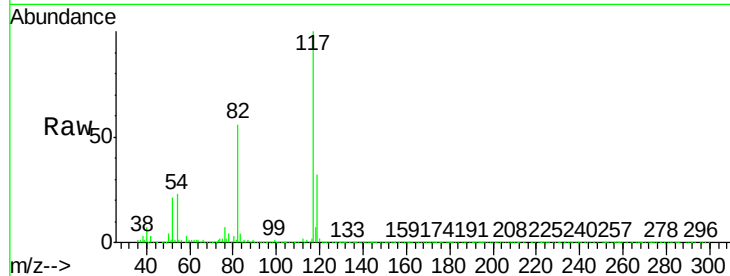
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.8	71.8
119	31.7	26.8	40.2

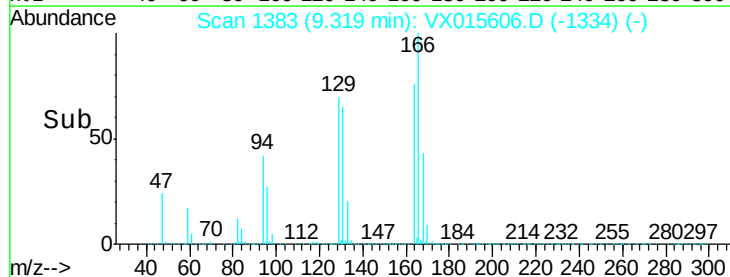
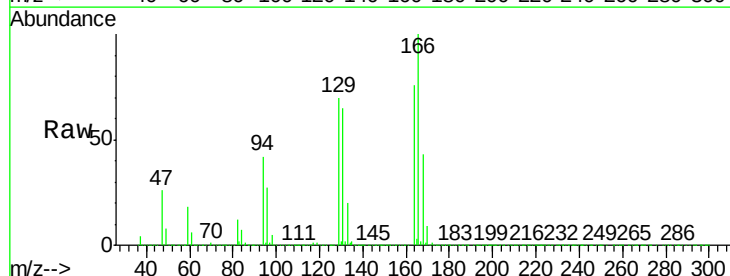
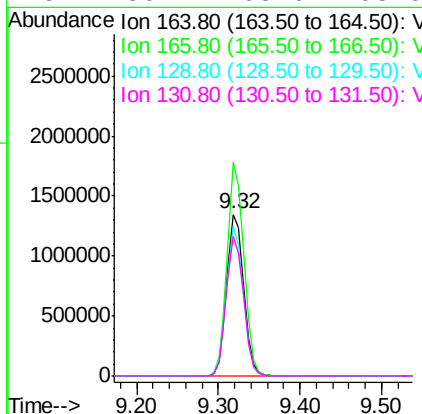
Manual Integrations
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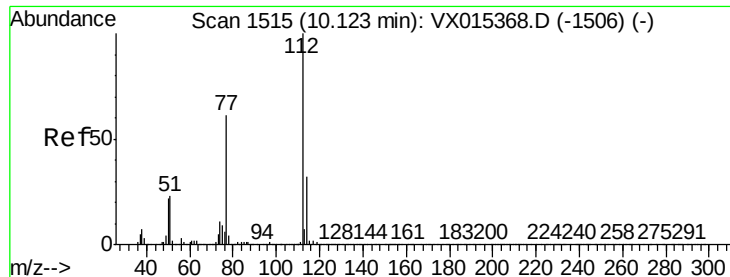
sam
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#64
Tetrachloroethene
Concen: 157.009 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	97.8	146.6
129	92.5	73.0	109.4
131	86.2	68.6	103.0





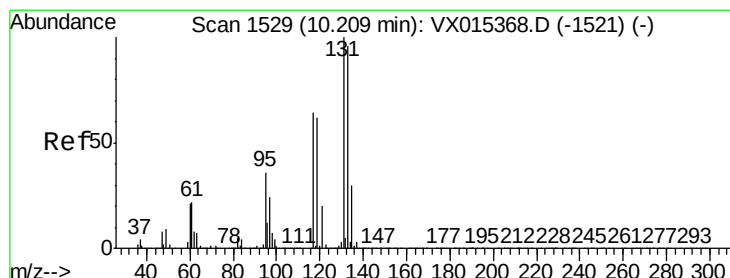
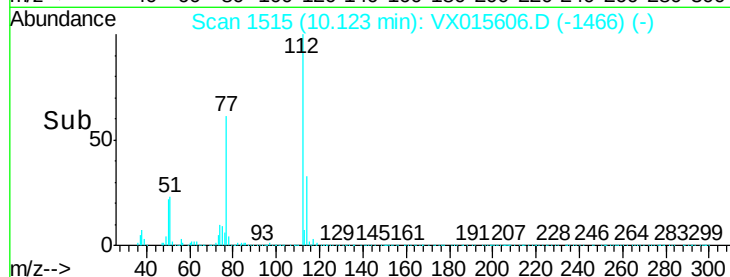
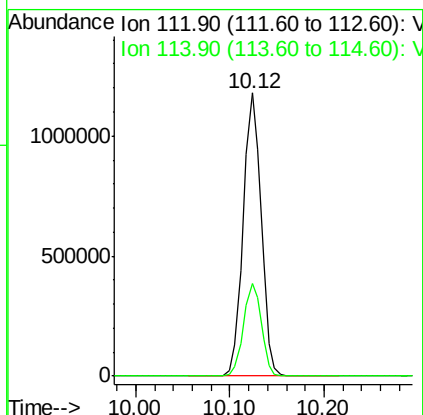
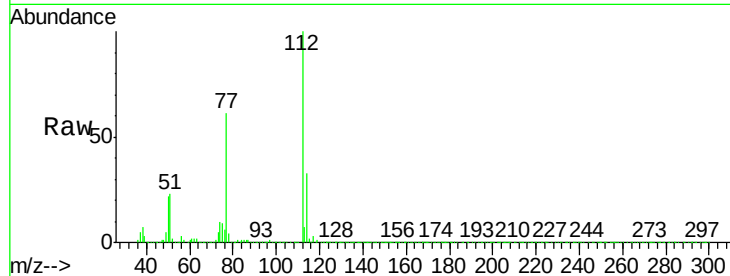
#65
Chlorobenzene
Concen: 48.452 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion:112 Resp: 1575524
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3

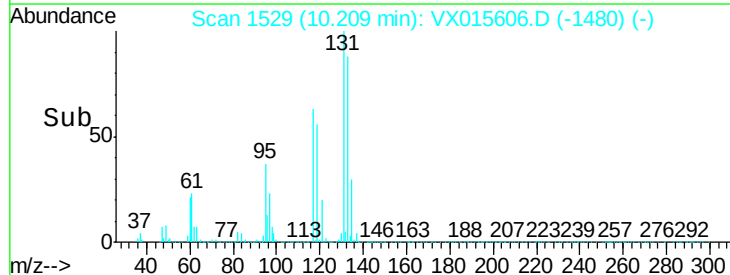
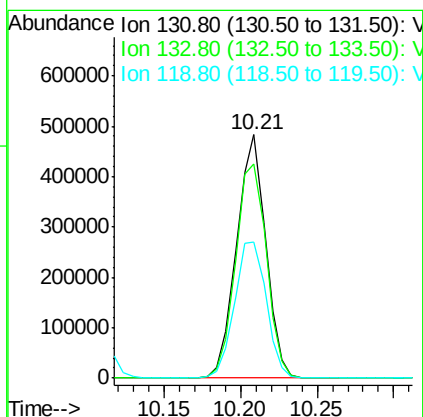
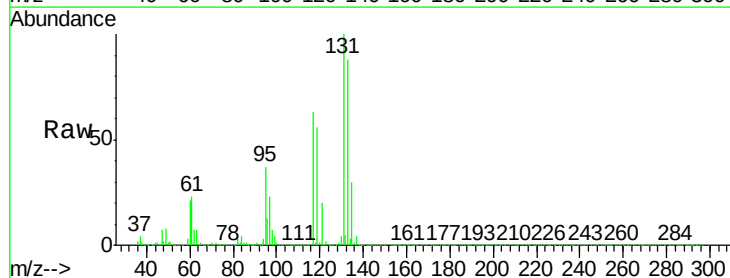
Manual Integrations
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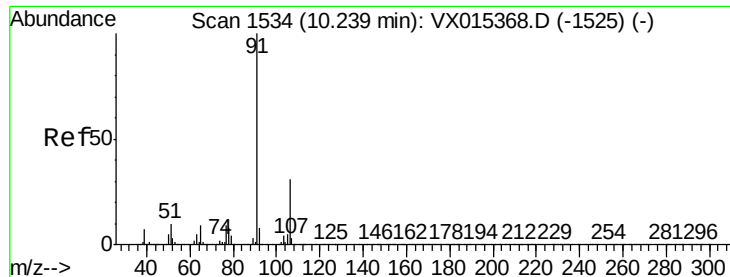
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.015 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion:131 Resp: 636734
Ion Ratio Lower Upper
131 100
133 93.5 47.6 142.9
119 61.0 31.1 93.3





#67

Ethyl Benzene

Concen: 49.075 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 91 Resp: 2830251

Ion Ratio Lower Upper

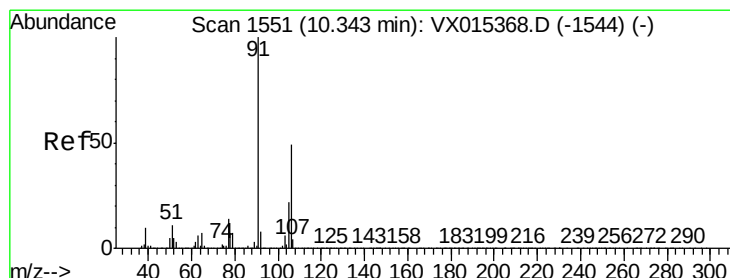
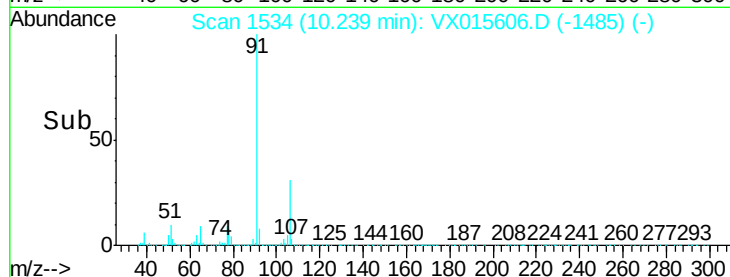
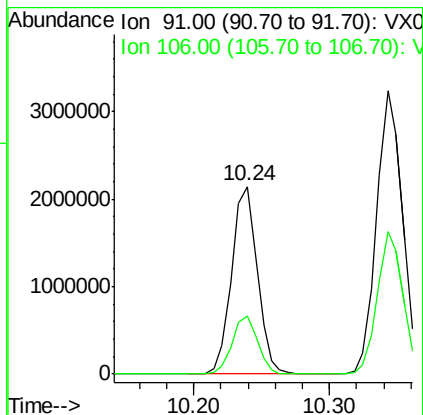
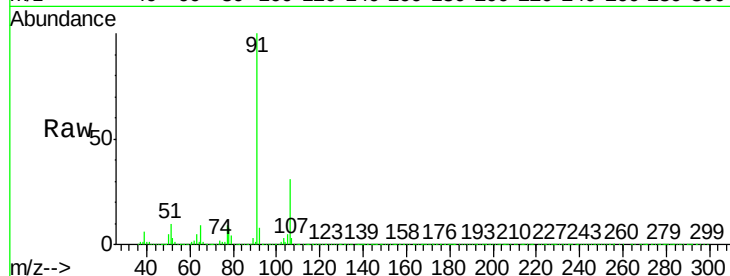
91 100

106 30.7 24.8 37.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.218 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015606.D

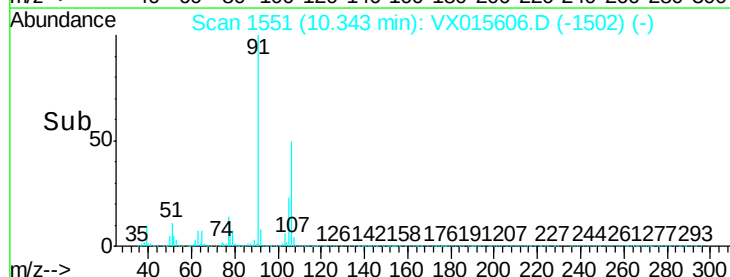
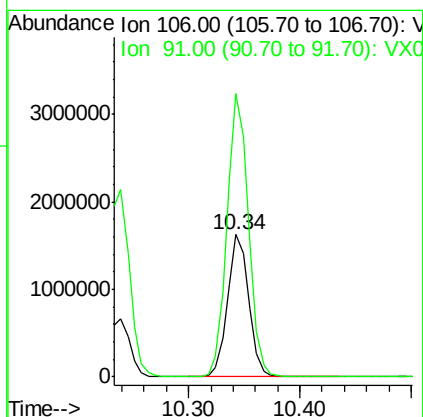
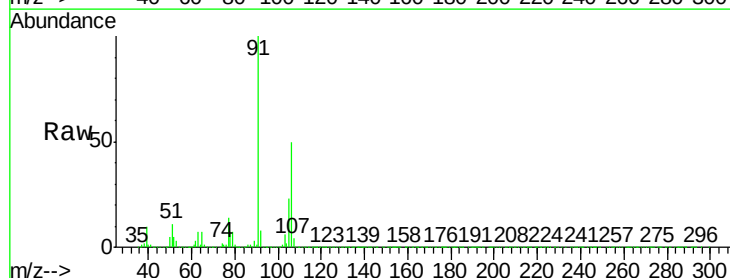
Acq: 09 Apr 2020 19:00

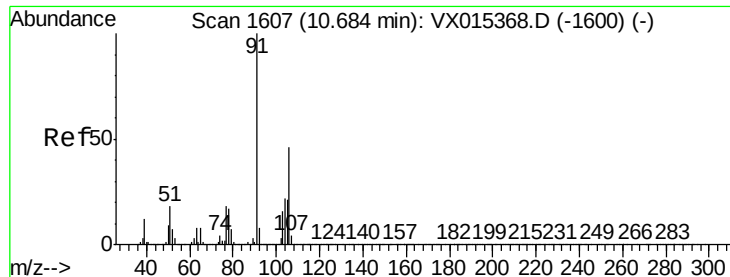
Tgt Ion: 106 Resp: 2130714

Ion Ratio Lower Upper

106 100

91 201.9 163.4 245.0





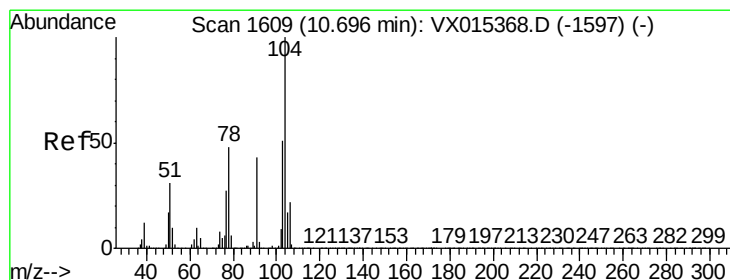
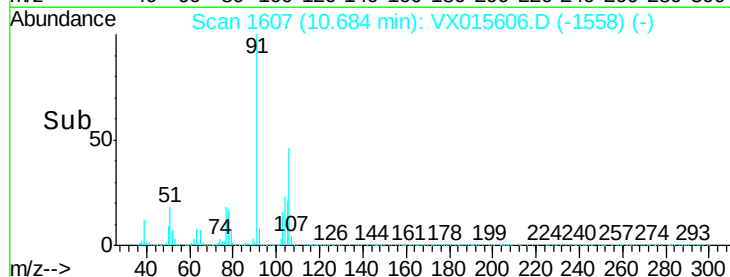
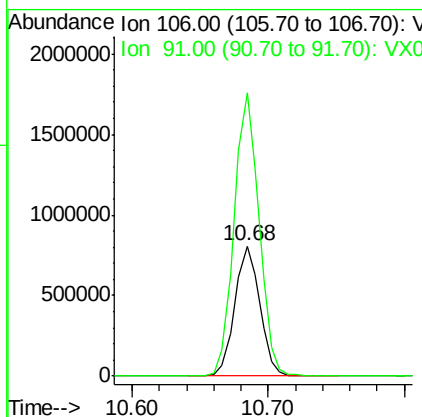
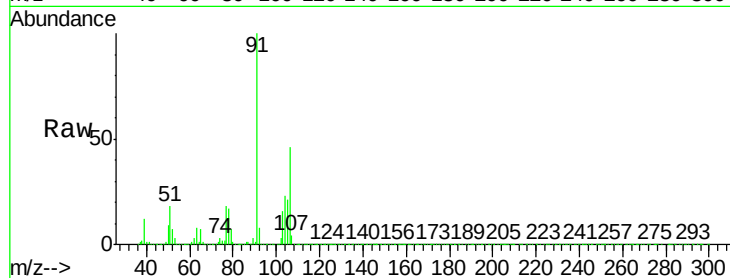
#69
o-Xylene
Concen: 48.688 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion:106 Resp: 1033191
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.3

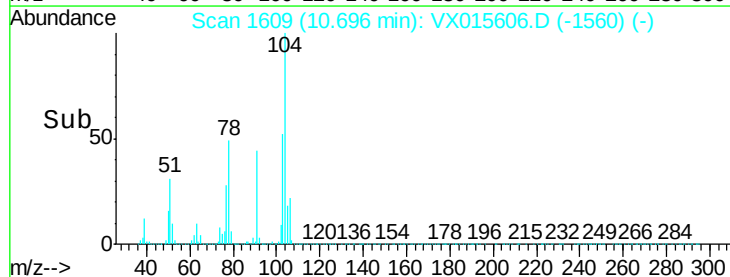
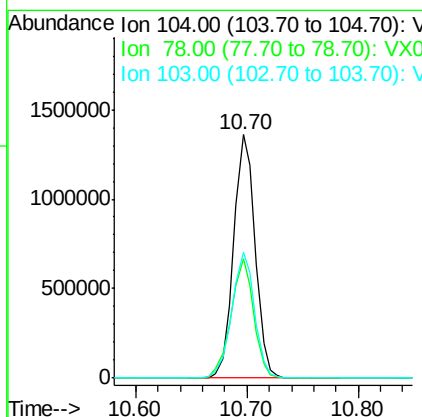
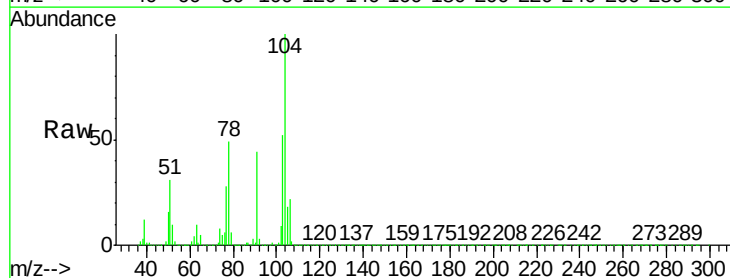
Manual Integrations
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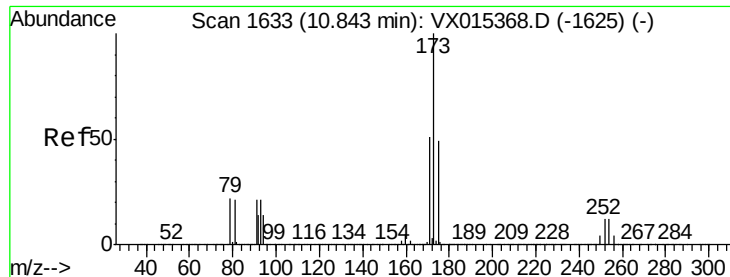
sam
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#70
Styrene
Concen: 48.671 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion:104 Resp: 1817479
Ion Ratio Lower Upper
104 100
78 51.9 42.0 63.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 48.104 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

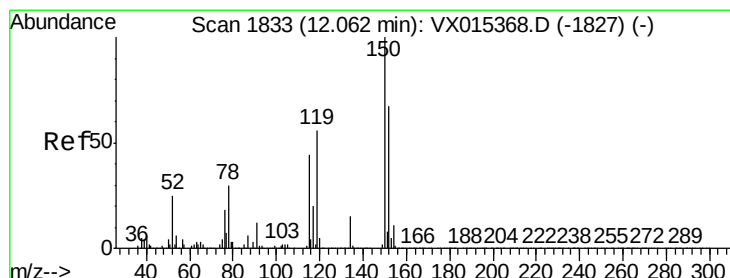
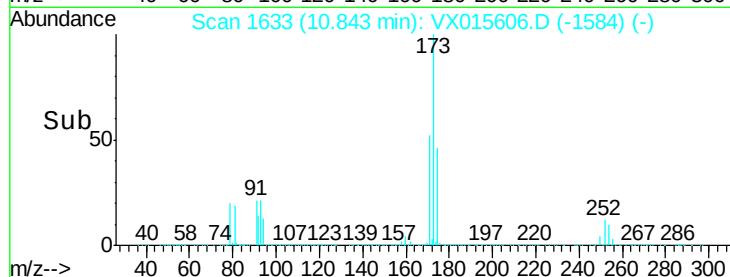
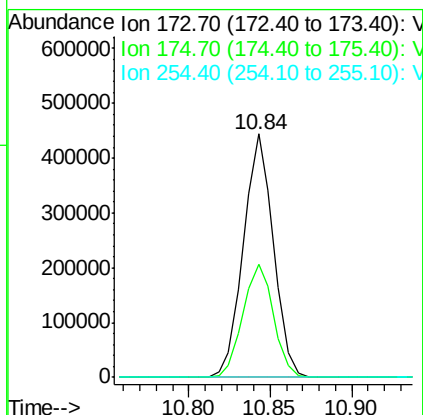
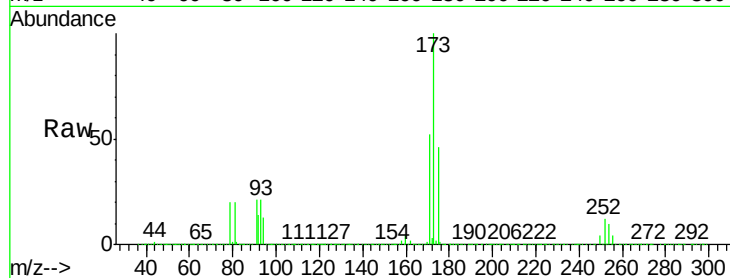
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	173	Resp:	568879
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.9	71.7
254	0.2	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

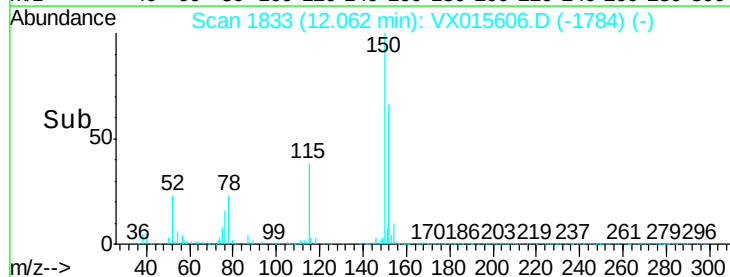
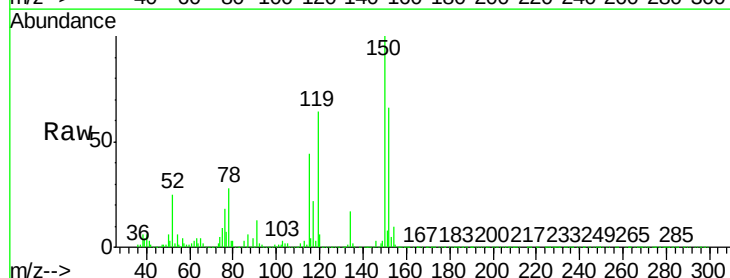
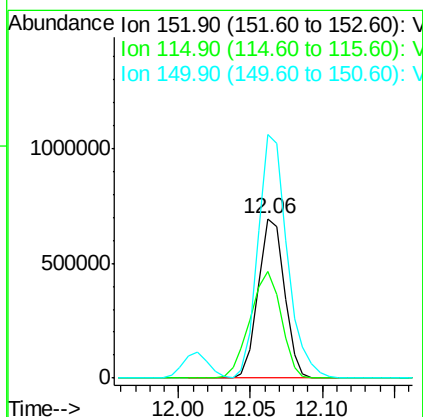
RT: 12.06 min Scan# 1833

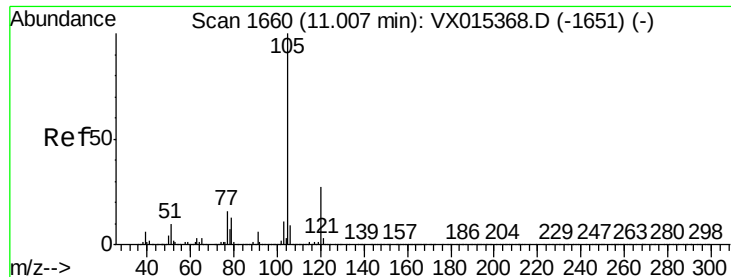
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	152	Resp:	874162
Ion Ratio	Lower	Upper	
152	100		
115	78.9	39.0	116.9
150	169.3	0.0	340.8





#73

Isopropylbenzene

Concen: 48.819 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion:105 Resp: 2796233

Ion Ratio Lower Upper

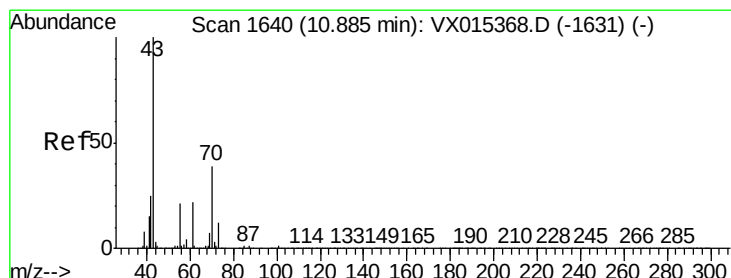
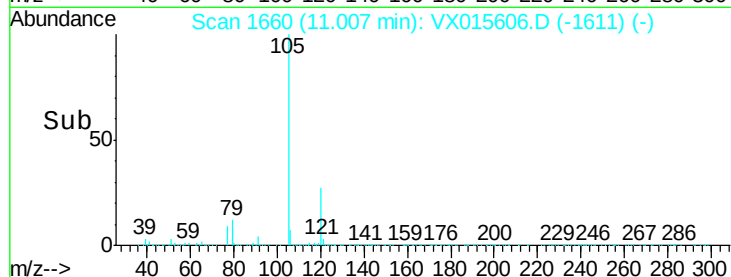
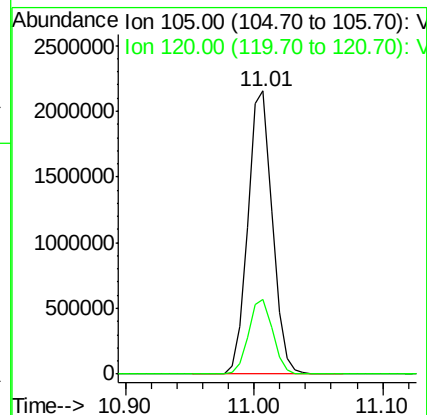
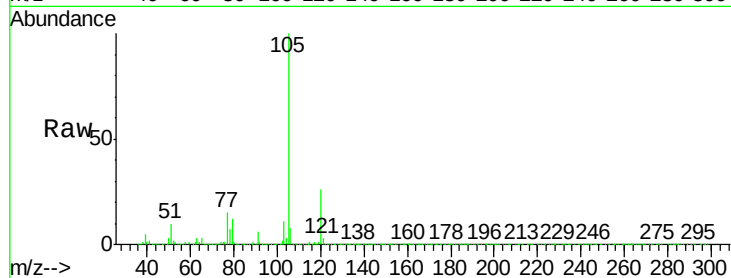
105 100

120 26.4 13.2 39.5

Manual Integrations
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sam

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#74

N-ethyl acetate

Concen: 44.698 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion: 43 Resp: 1423906

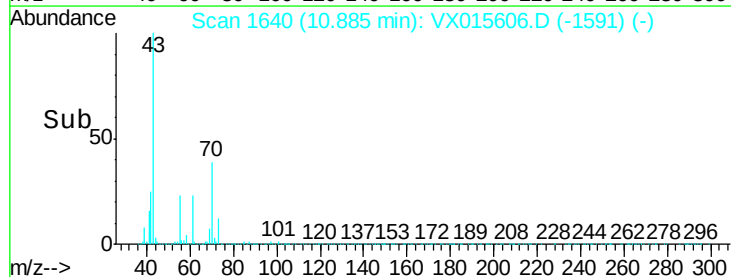
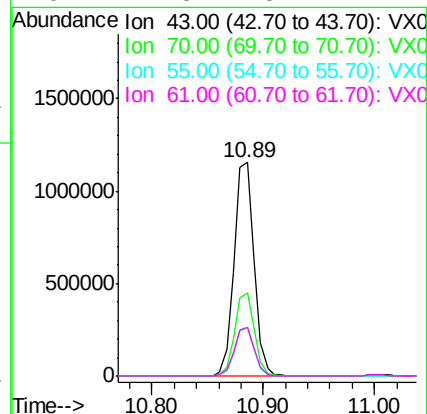
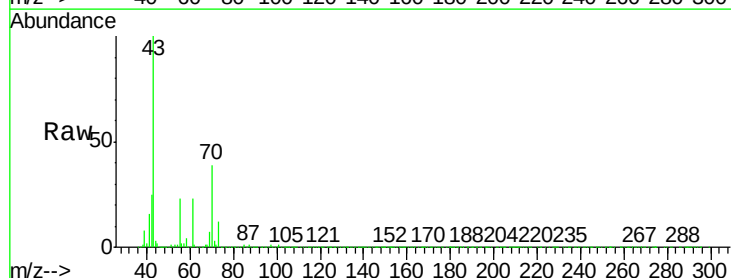
Ion Ratio Lower Upper

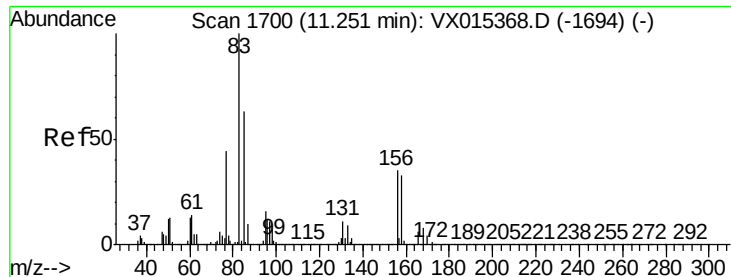
43 100

70 38.5 30.2 45.4

55 22.0 16.8 25.2

61 22.8 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.673 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 83 Resp: 917312

Ion Ratio Lower Upper

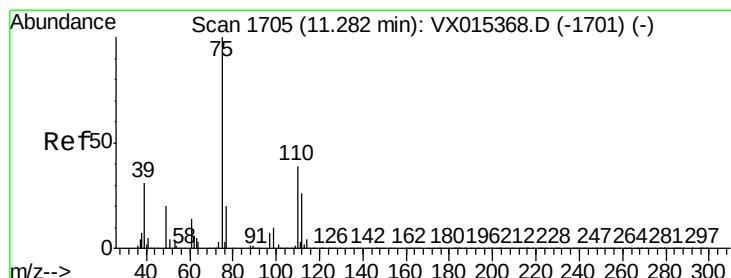
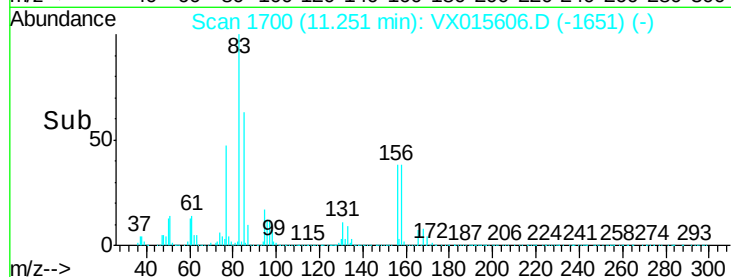
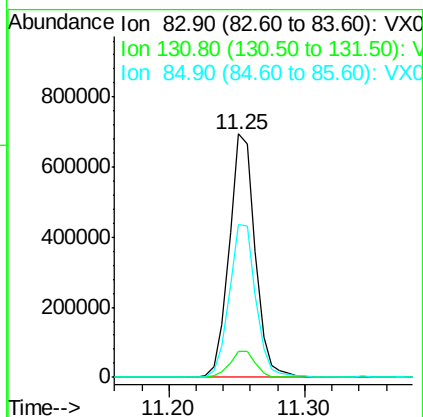
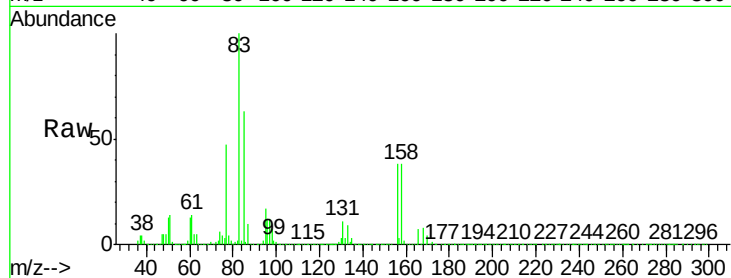
83 100

131 10.7 5.3 16.1

85 64.3 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 47.204 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015606.D

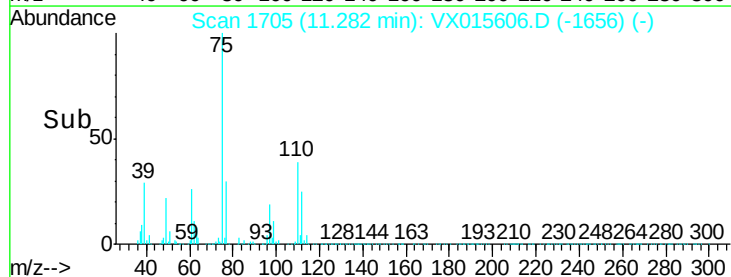
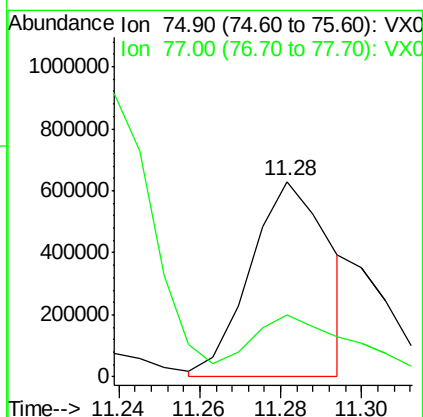
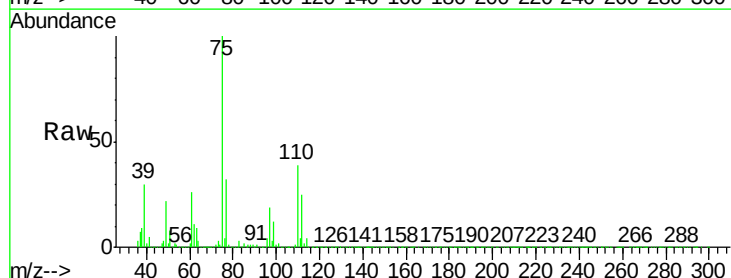
Acq: 09 Apr 2020 19:00

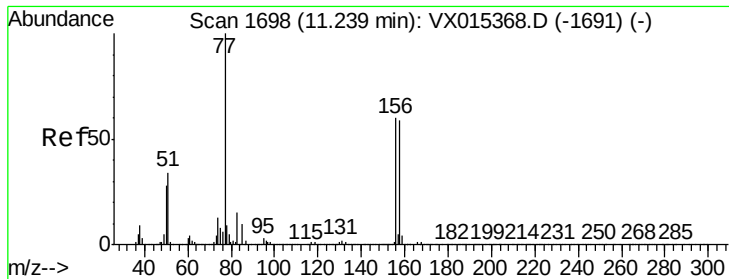
Tgt Ion: 75 Resp: 848567

Ion Ratio Lower Upper

75 100

77 41.2 21.2 63.6





#77

Bromobenzene

Concen: 49.224 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

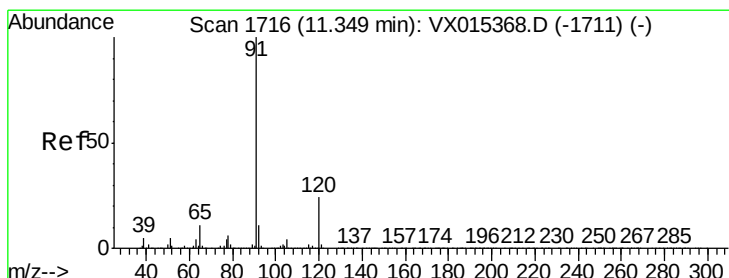
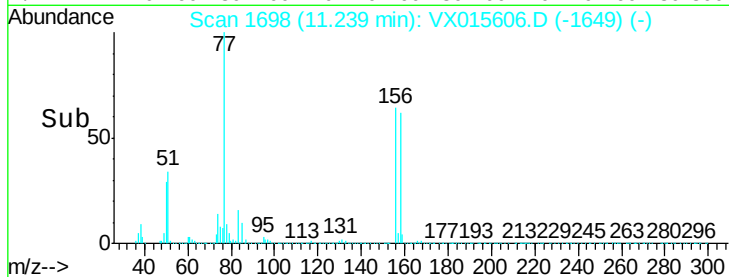
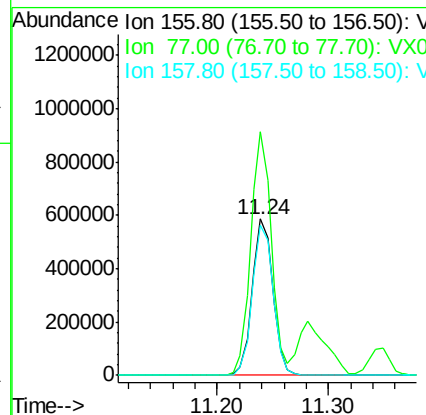
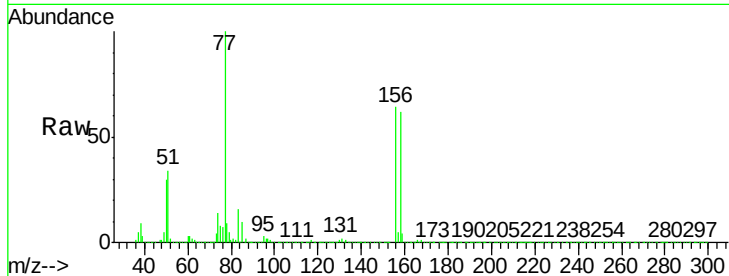
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	156	Resp:	752043
Ion Ratio	Lower	Upper	
156	100		
77	155.5	82.2	246.5
158	96.9	49.3	147.9

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Sam
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#78

n-propylbenzene

Concen: 48.591 ug/l

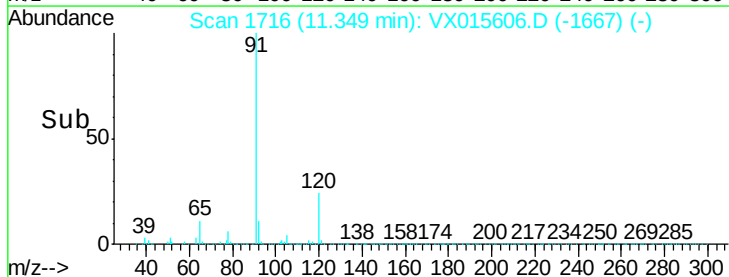
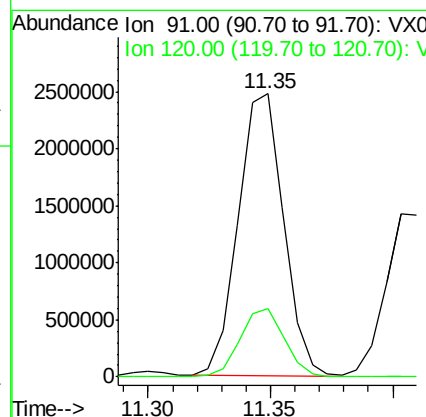
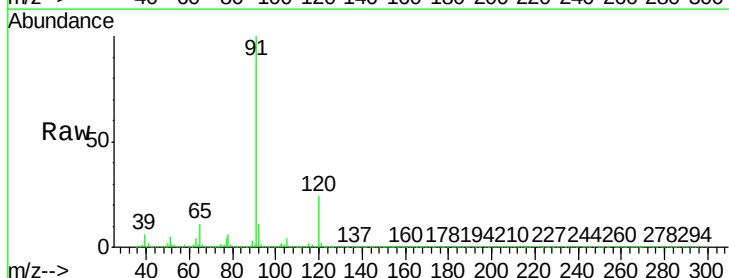
RT: 11.35 min Scan# 1716

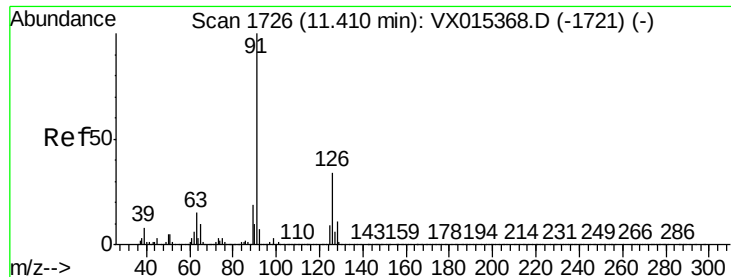
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	91	Resp:	3182421
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.248 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion: 91 Resp: 1896690

Ion Ratio Lower Upper

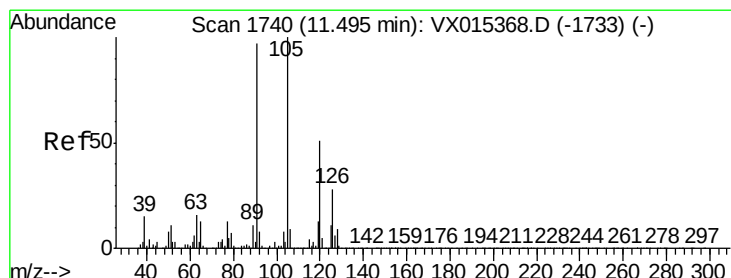
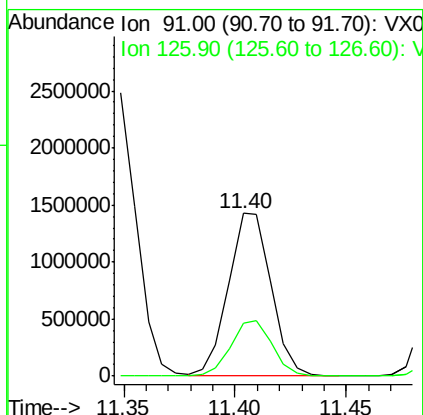
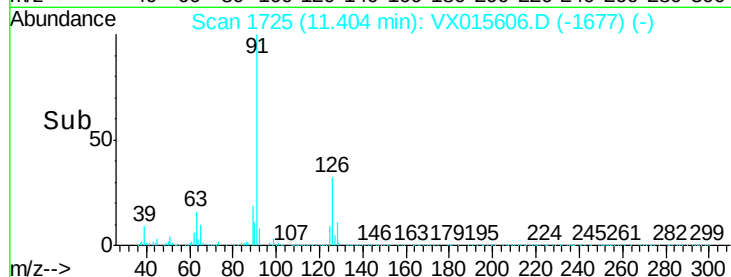
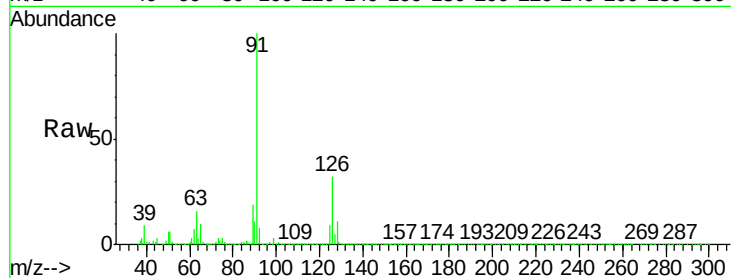
91 100

126 33.3 16.5 49.5

Manual Integrations
APPROVED

sam

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#80

1,3,5-Trimethylbenzene

Concen: 48.317 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015606.D

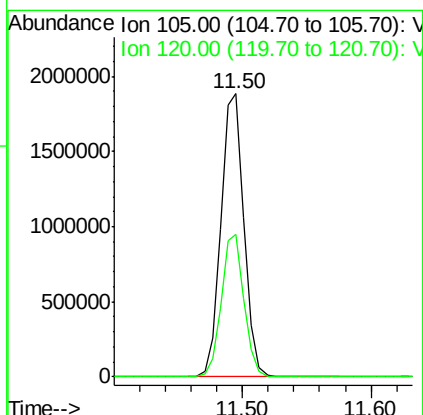
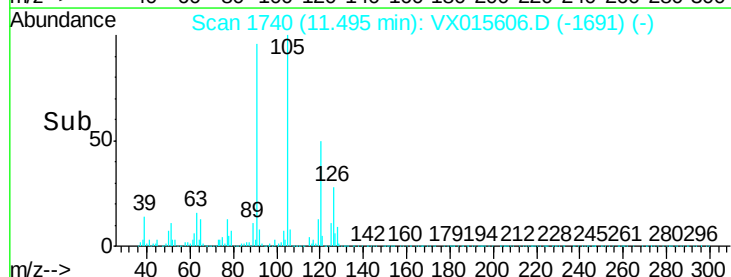
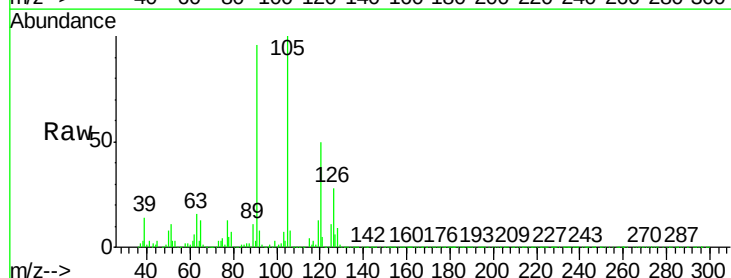
Acq: 09 Apr 2020 19:00

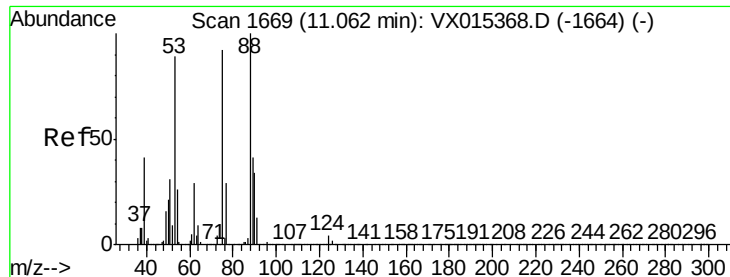
Tgt Ion: 105 Resp: 2363481

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.020 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

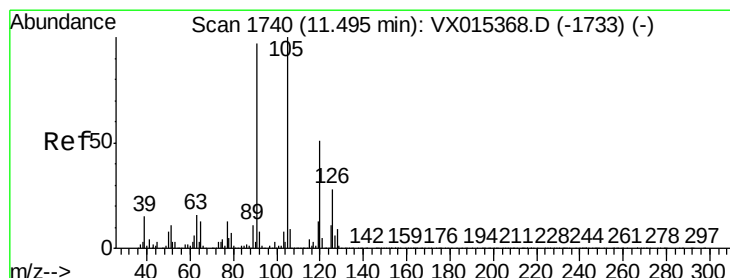
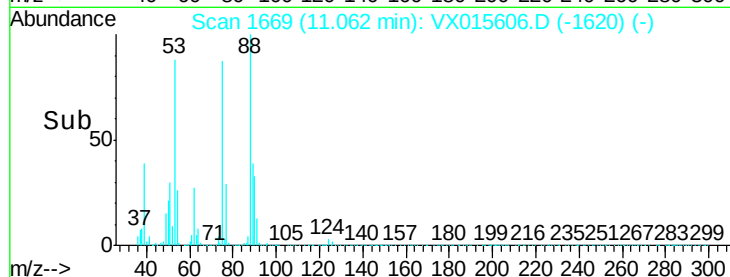
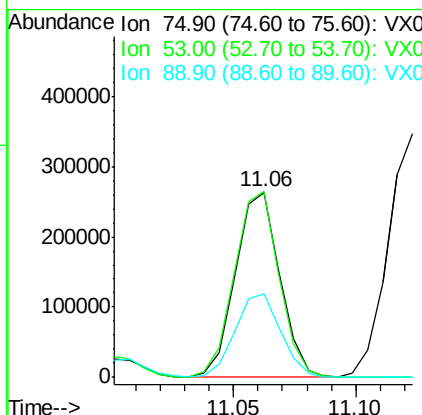
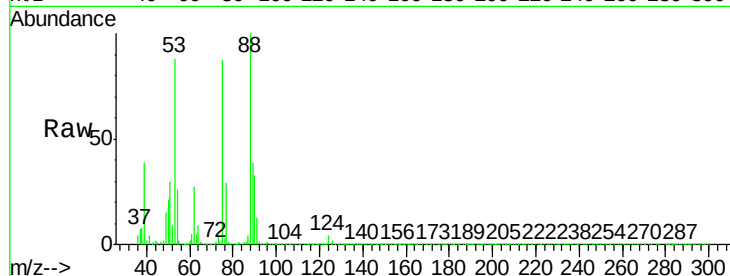
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	75	Resp:	329796
Ion Ratio	Lower	Upper	
75	100		
53	101.5	80.1	120.1
89	46.9	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.401 ug/l

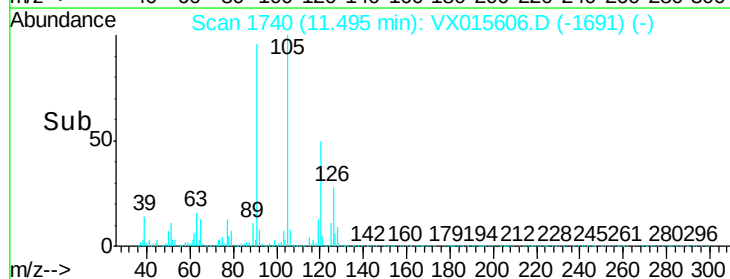
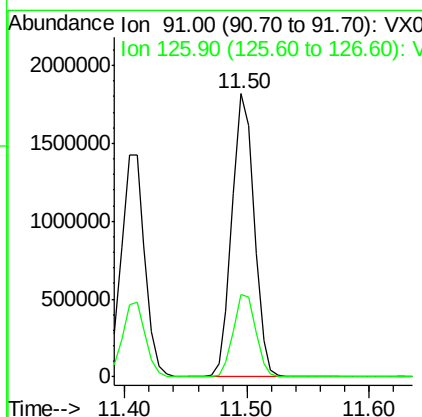
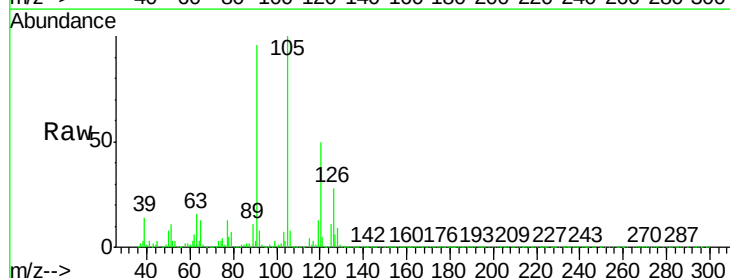
RT: 11.50 min Scan# 1740

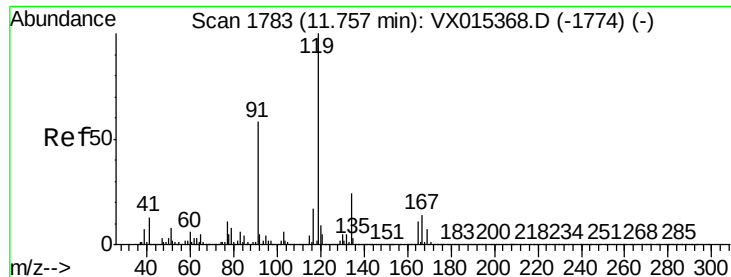
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	91	Resp:	2277771
Ion Ratio	Lower	Upper	
91	100		
126	29.5	14.7	44.1





#83

tert-Butylbenzene

Concen: 48.474 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

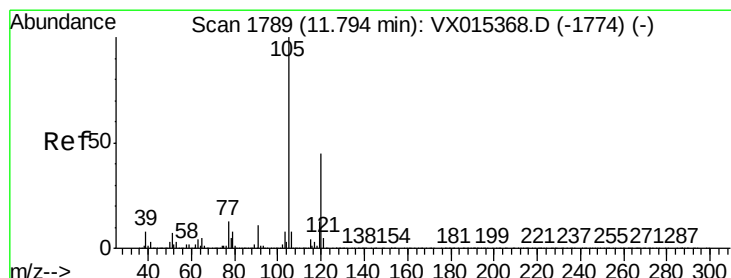
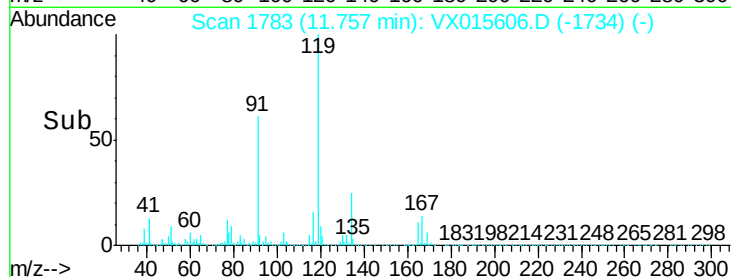
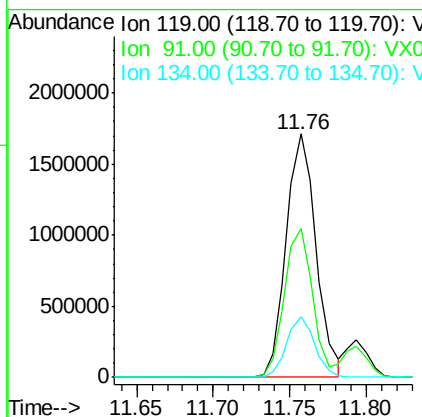
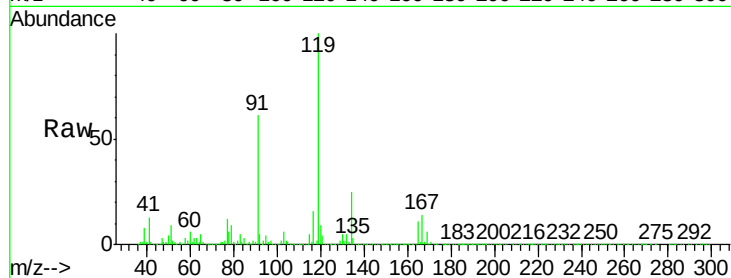
ClientSampleId :

SS037MW311-200407MSD

Tot Ion:	119	Resp:	2316104
Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.6	85.8
134	23.6	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.037 ug/l

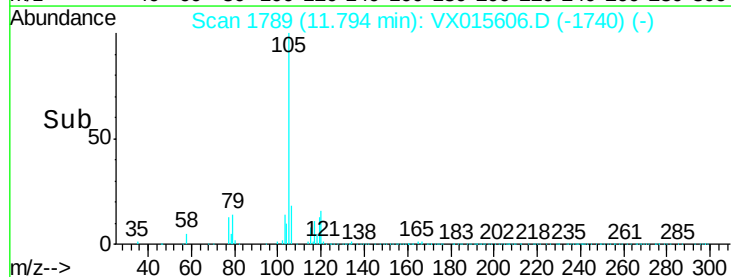
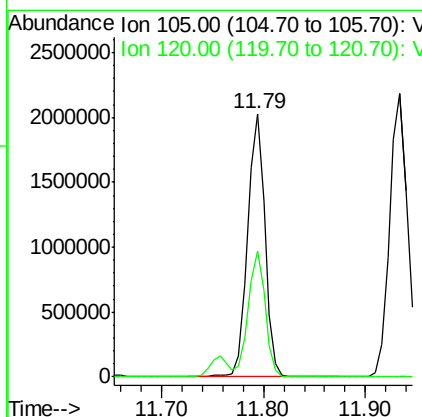
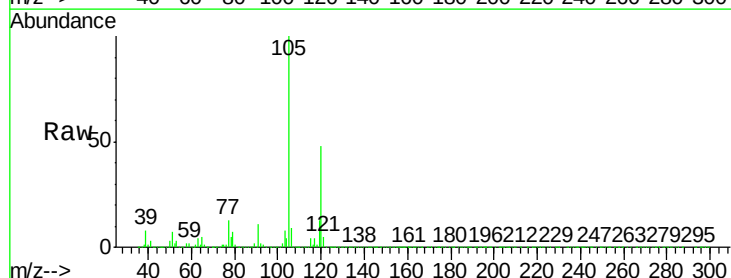
RT: 11.79 min Scan# 1789

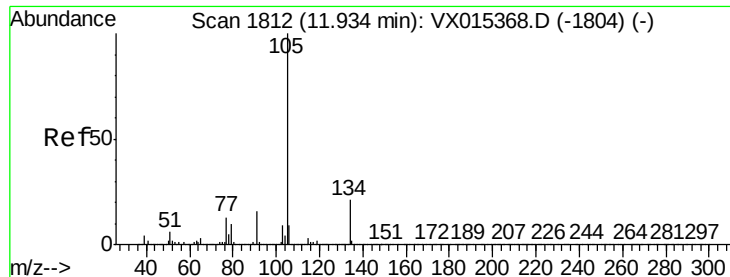
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion:	105	Resp:	2394521
Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.7	68.1





#85

sec-Butylbenzene

Concen: 48.552 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

SS037MW311-200407MSD

Tot Ion:105 Resp: 2683000

Ion Ratio Lower Upper

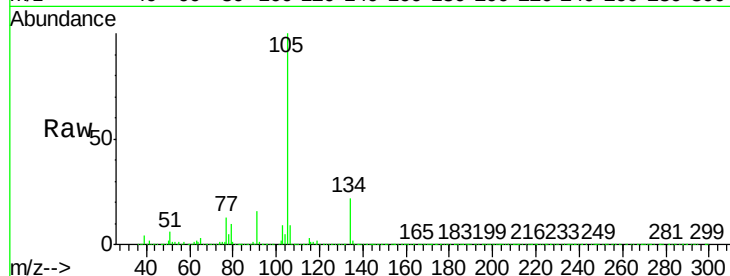
105 100

134 21.2 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

1000000

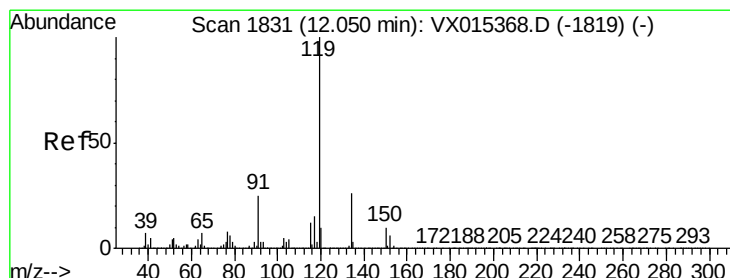
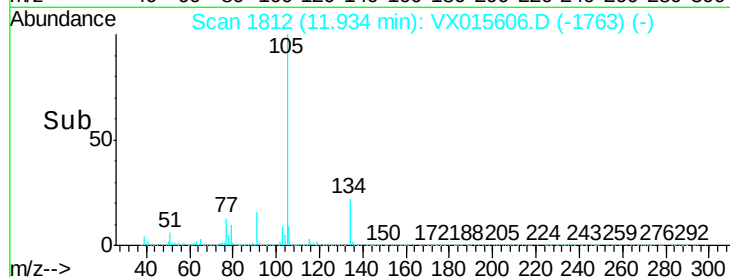
500000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 49.718 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

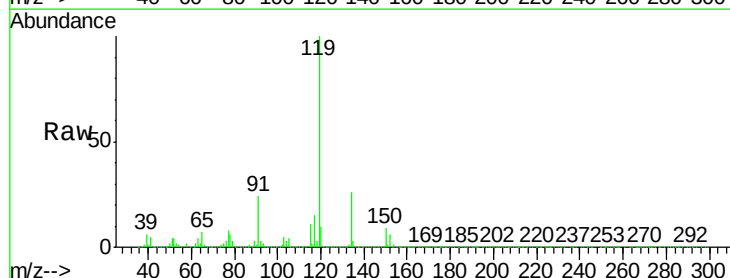
Tgt Ion:119 Resp: 2550599

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

3000000

2500000

2000000

1500000

1000000

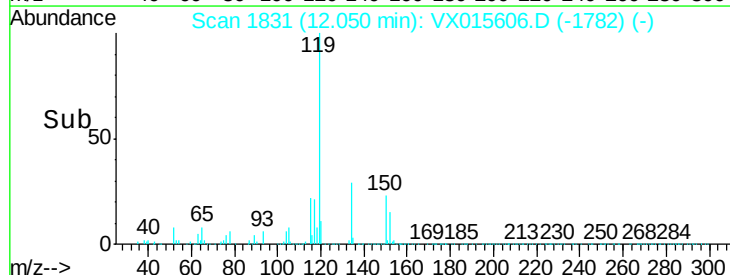
500000

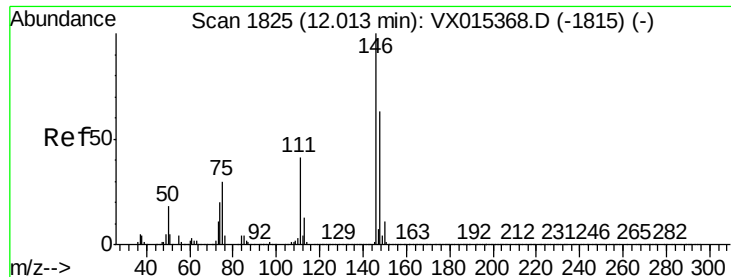
0

12.00

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.778 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

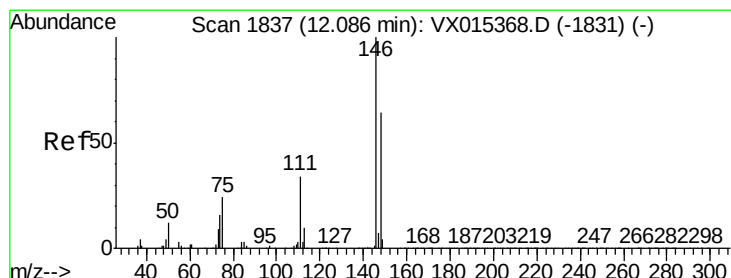
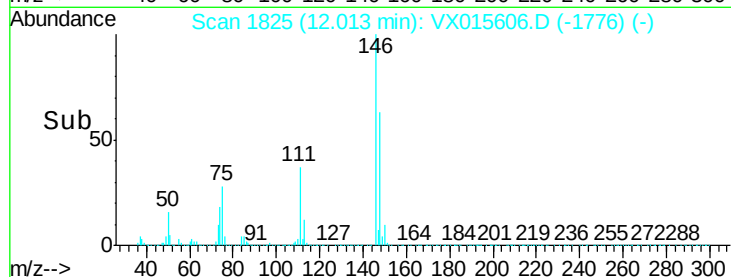
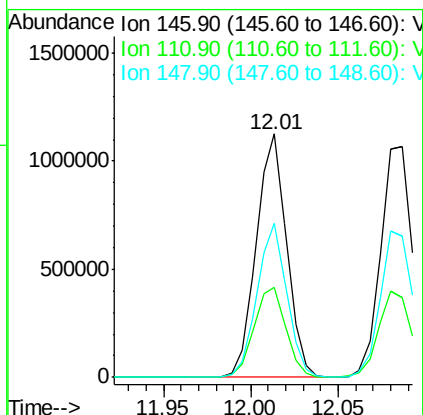
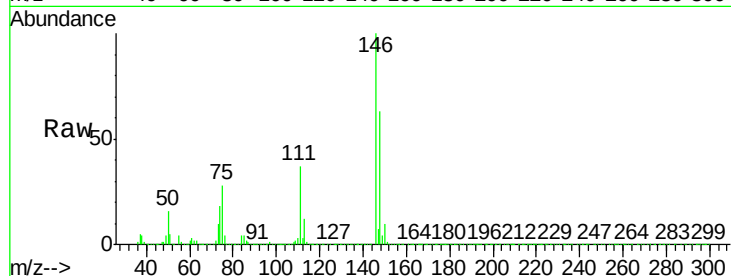
Instrument :
MSVOA_X

ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.9
148	61.9	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.599 ug/l

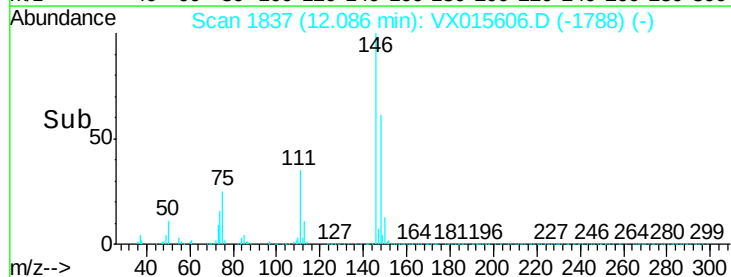
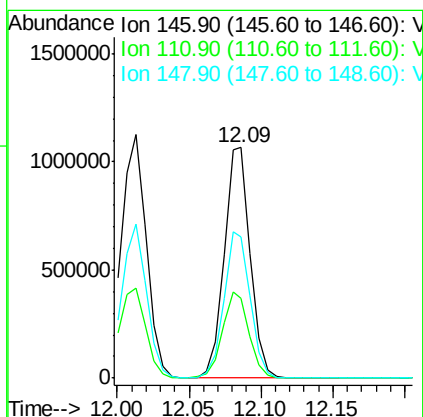
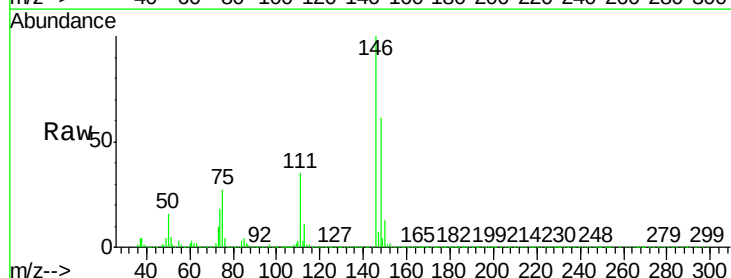
RT: 12.09 min Scan# 1837

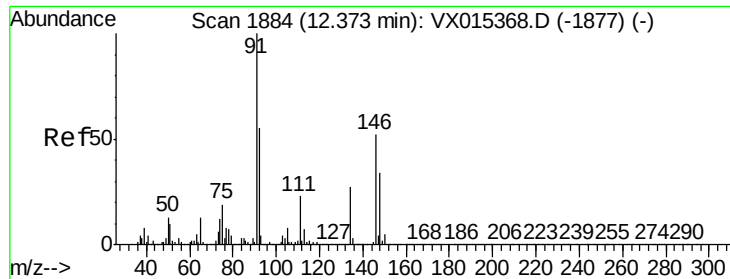
Delta R.T. 0.00 min

Lab File: VX015606.D

Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	64.0	32.4	97.2





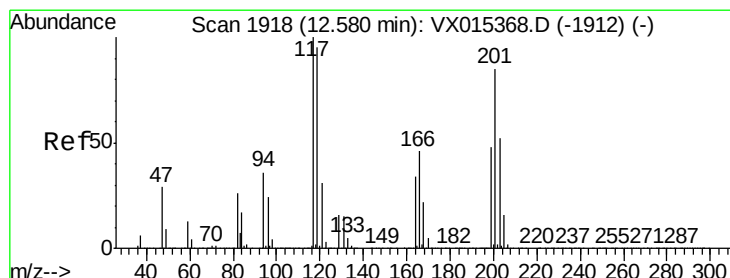
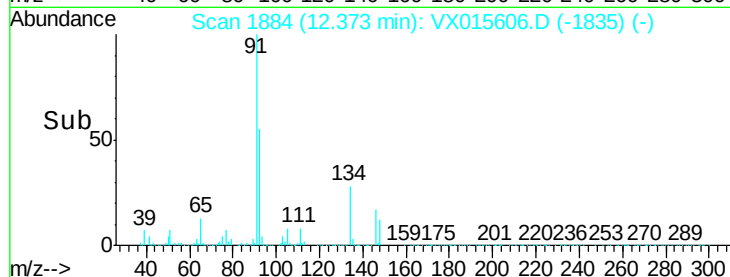
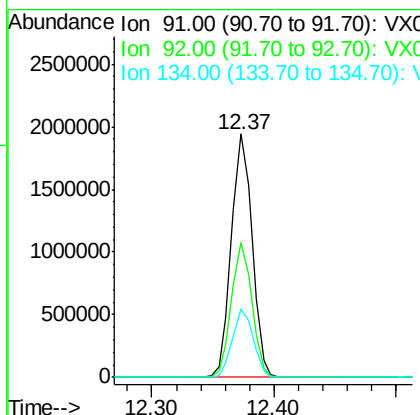
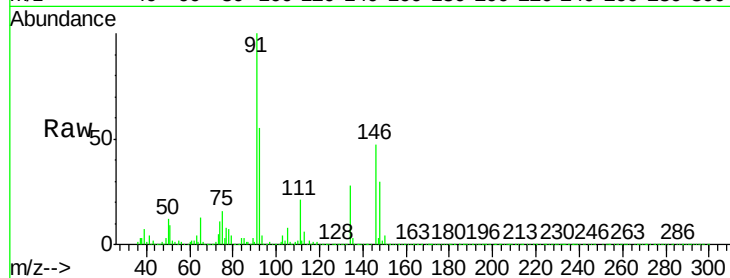
#89
n-Butylbenzene
Concen: 48.759 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion: 91 Resp: 2260424
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 28.1 13.4 40.2

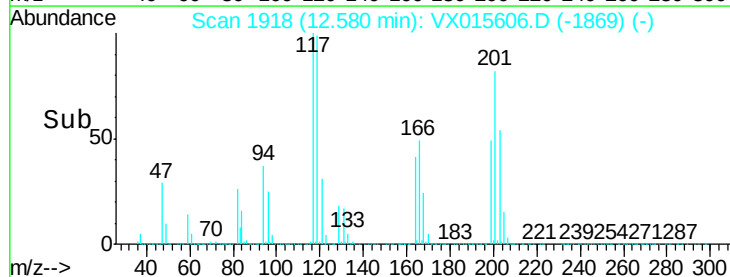
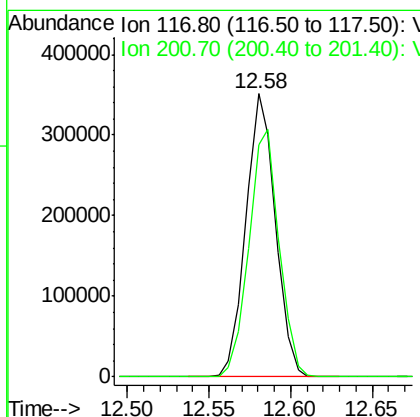
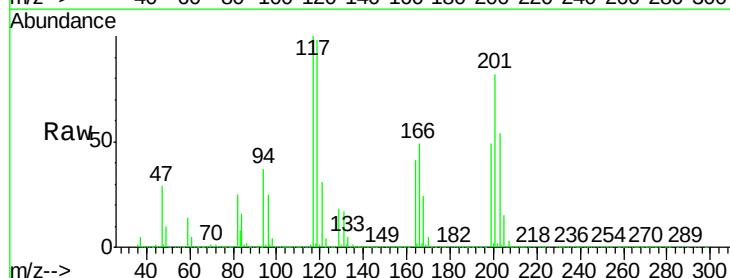
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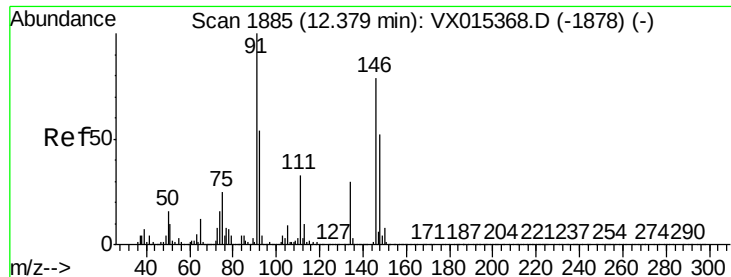
sam
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#90
Hexachloroethane
Concen: 44.541 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion: 117 Resp: 444745
Ion Ratio Lower Upper
117 100
201 89.5 42.6 128.0





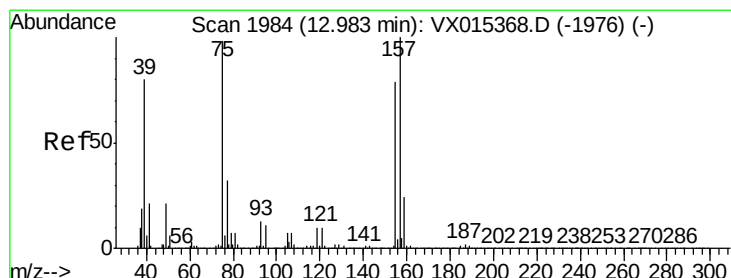
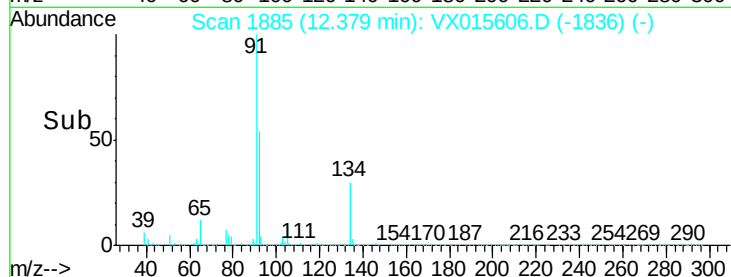
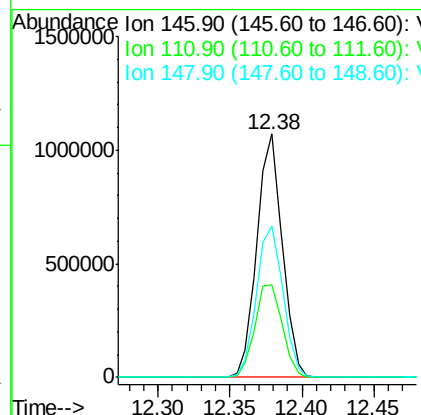
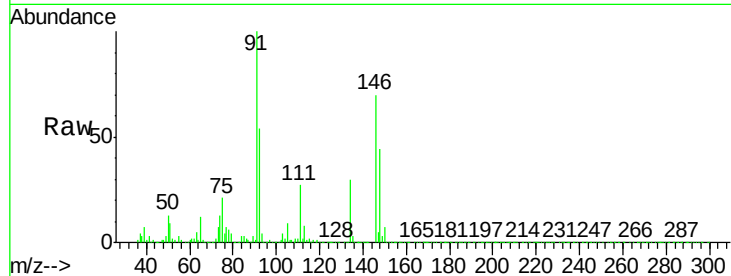
#91
 1,2-Dichlorobenzene
 Concen: 48.508 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.0	63.0
148	64.8	32.4	97.0

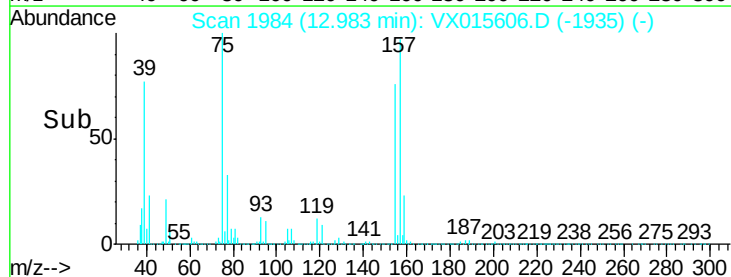
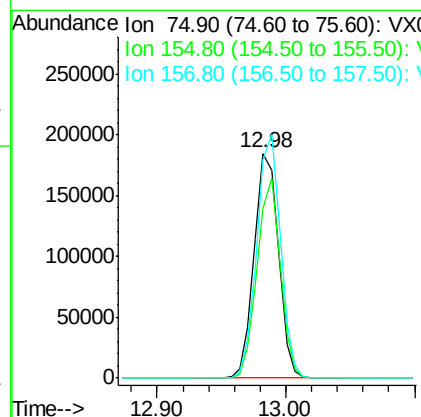
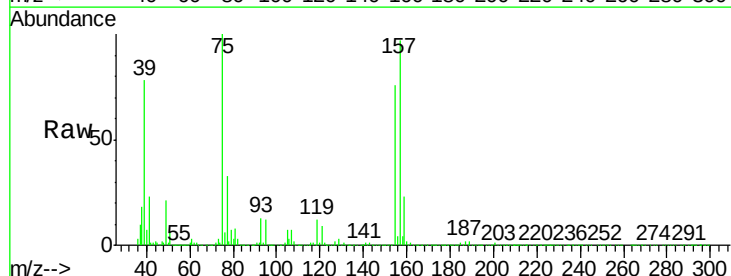
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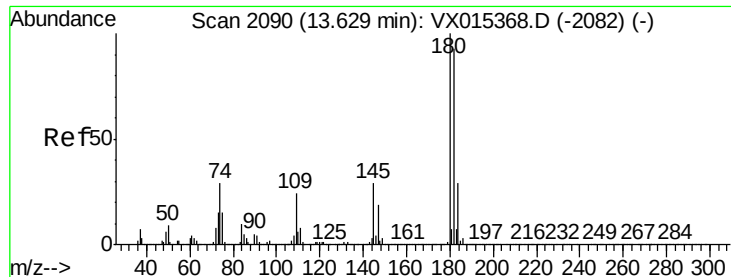
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.280 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015606.D
 Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.8	128.4
157	105.0	53.4	160.3





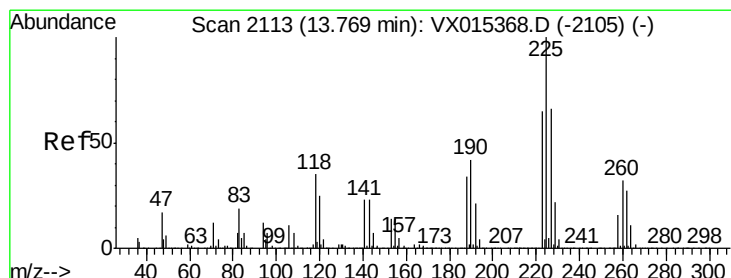
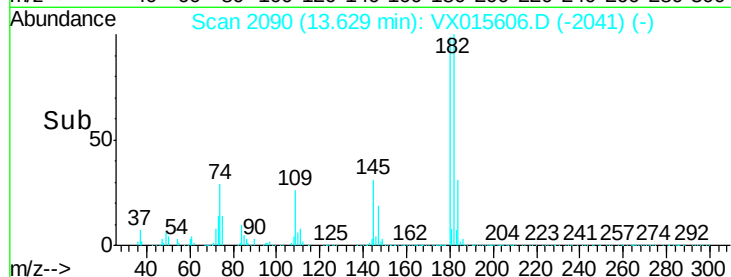
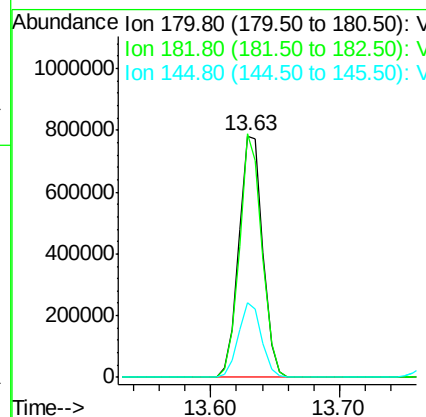
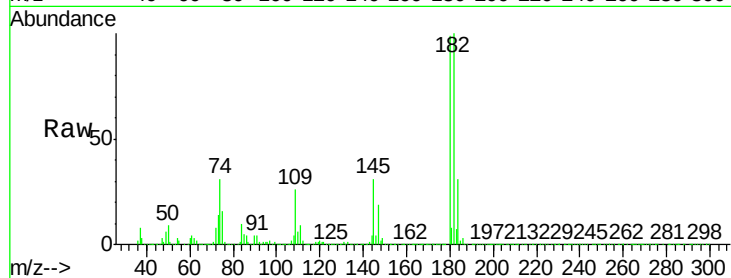
#93
1,2,4-Trichlorobenzene
Concen: 47.581 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.7
145	30.1	14.9	44.5

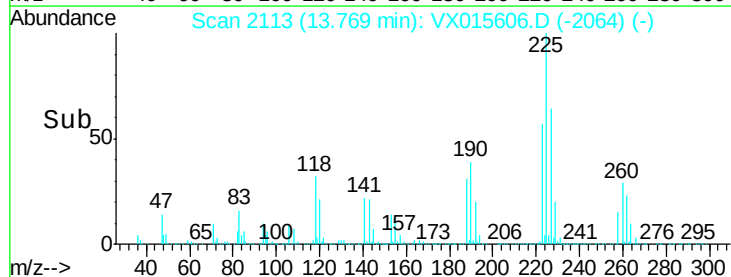
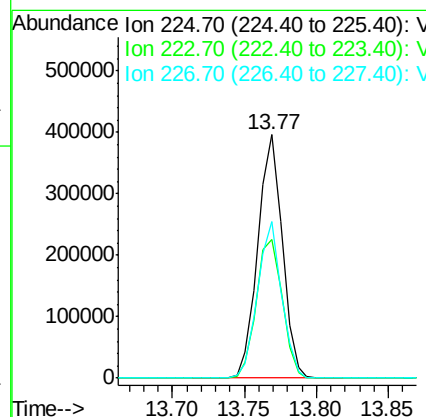
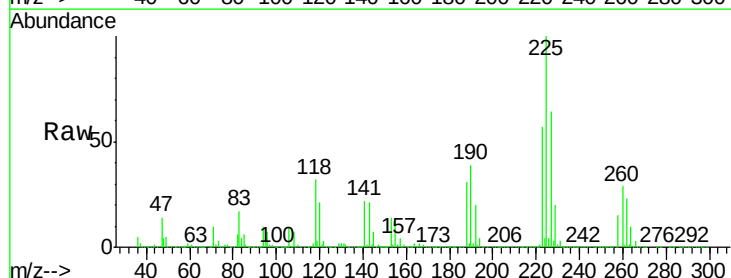
Manual Integrations
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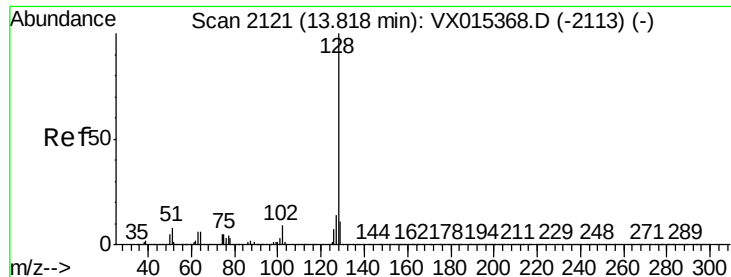
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#94
Hexachlorobutadiene
Concen: 45.766 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.9	95.7
227	63.0	30.4	91.3





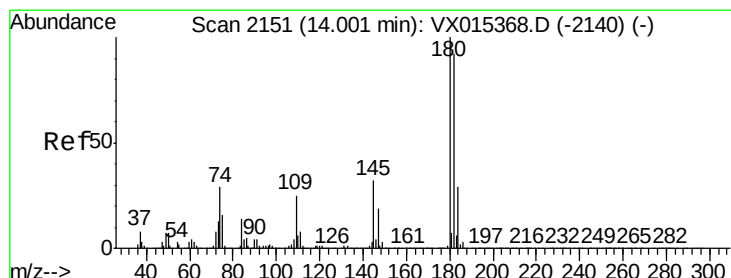
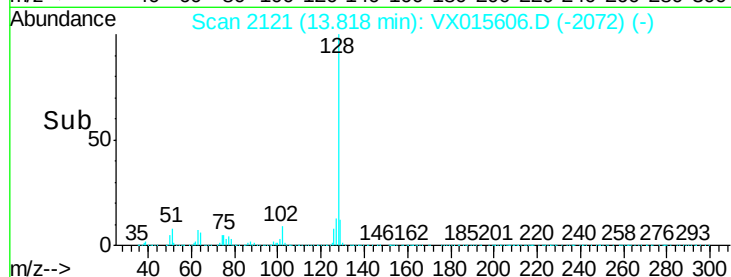
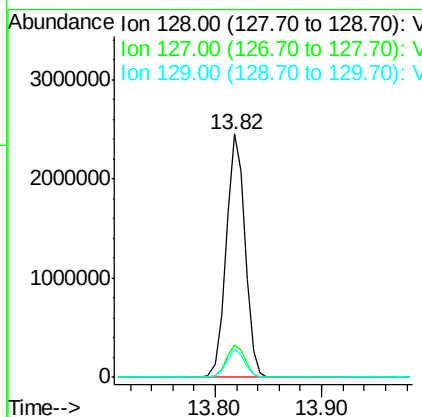
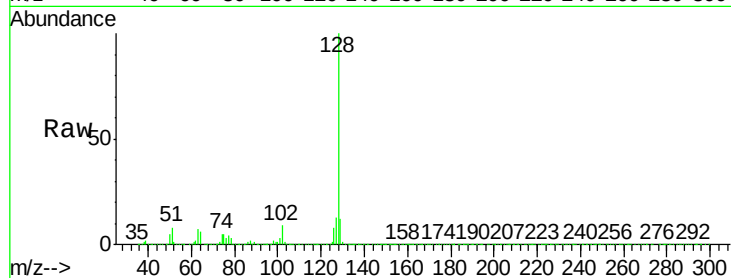
#95
Naphthalene
Concen: 46.950 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
SS037MW311-200407MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.196 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015606.D
Acq: 09 Apr 2020 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.0
145	30.5	15.8	47.3

