

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040920\
 Data File : VX015607.D
 Acq On : 09 Apr 2020 19:23
 Operator : JC/SP
 Sample : L2178-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Manual Integrations
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 4/10/2020 2:13:19 PM

Quant Time: Apr 10 09:14:26 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	1172899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1803405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1692892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	896977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	783624	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	5.47	113	570005	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	2123135	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.12	95	866509	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	455434	44.074	ug/l	99
3) Chloromethane	1.31	50	579533	44.039	ug/l	98
4) Vinyl Chloride	1.39	62	556203	46.030	ug/l	98
5) Bromomethane	1.63	94	330452	61.127	ug/l	100
6) Chloroethane	1.71	64	358606	47.851	ug/l	99
7) Trichlorofluoromethane	1.92	101	784332	48.401	ug/l	99
8) Diethyl Ether	2.17	74	324536	47.481	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	495572	46.911	ug/l	98
10) Methyl Iodide	2.49	142	762220	53.516	ug/l	99
11) Tert butyl alcohol	3.01	59	737263	186.200	ug/l	98
12) 1,1-Dichloroethene	2.36	96	510263	46.080	ug/l	95
13) Acrolein	2.27	56	273544	121.277	ug/l	100
14) Allyl chloride	2.71	41	1126065	43.521	ug/l	97
15) Acrylonitrile	3.12	53	1723023	228.182	ug/l	100
16) Acetone	2.42	43	1583163	222.760	ug/l	98
17) Carbon Disulfide	2.55	76	1407987	41.681	ug/l	100
18) Methyl Acetate	2.75	43	834812	46.023	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1979840	46.100	ug/l	99
20) Methylene Chloride	2.84	84	604917	45.569	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	556279	45.265	ug/l	94
22) Diisopropyl ether	3.83	45	2101846	45.843	ug/l	100
23) Vinyl Acetate	3.79	43	9208924	221.841	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1088786	45.103	ug/l	99
25) 2-Butanone	4.64	43	2491485	217.986	ug/l	99
26) 2,2-Dichloropropane	4.56	77	861809	43.494	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	670710	47.173	ug/l	99
28) Bromochloromethane	4.98	49	554600	48.119	ug/l	97
29) Tetrahydrofuran	5.09	42	1620786	220.582	ug/l	99
30) Chloroform	5.18	83	1088937	46.887	ug/l	99
31) Cyclohexane	5.56	56	943233	45.042	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	985443	46.885	ug/l	100
36) 1,1-Dichloropropene	5.78	75	794059	47.788	ug/l	99
37) Ethyl Acetate	4.79	43	978260	45.215	ug/l	100
38) Carbon Tetrachloride	5.76	117	860968	47.839	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	901106	47.034	ug/l	97
40) Benzene	6.12	78	2337713	48.028	ug/l	97
41) Methacrylonitrile	5.01	41	586702	48.850	ug/l	99
42) 1,2-Dichloroethane	6.17	62	942493	48.206	ug/l	100
43) Isopropyl Acetate	6.42	43	1686103	46.165	ug/l	99
44) Trichloroethene	7.19	130	656115	49.426	ug/l	97
45) 1,2-Dichloropropane	7.50	63	626943	47.085	ug/l	97
46) Dibromomethane	7.64	93	422485	48.370	ug/l	97
47) Bromodichloromethane	7.88	83	893159	47.990	ug/l	97
48) Methyl methacrylate	7.75	41	848270	46.498	ug/l	99
49) 1,4-Dioxane	7.72	88	271728	798.443	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4907123	237.076	ug/l	99
52) Toluene	8.77	92	1476993	49.219	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1009281	46.238	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1051911	47.308	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	601986	48.963	ug/l	98
56) Ethyl methacrylate	9.16	69	1039008	47.952	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1057174	47.725	ug/l	99
59) 2-Hexanone	9.48	43	3723268	238.260	ug/l	99
60) Dibromochloromethane	9.57	129	714946	48.393	ug/l	100
61) 1,2-Dibromoethane	9.65	107	644378	48.201	ug/l	98
64) Tetrachloroethene	9.32	164	591253	46.279	ug/l	96
65) Chlorobenzene	10.12	112	1631283	48.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	624929	46.333	ug/l	97
67) Ethyl Benzene	10.24	91	2861606	47.790	ug/l	100
68) m/p-Xylenes	10.34	106	2114334	94.826	ug/l	100
69) o-Xylene	10.68	106	1040293	47.215	ug/l	97
70) Styrene	10.70	104	1863071	48.053	ug/l	98
71) Bromoform	10.84	173	578046	47.078	ug/l #	100
73) Isopropylbenzene	11.01	105	2809606	47.805	ug/l	100
74) N-amyl acetate	10.88	43	1469615	44.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	932148	46.222	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	861137m	46.685	ug/l	
77) Bromobenzene	11.24	156	741192	47.280	ug/l	97
78) n-propylbenzene	11.35	91	3243826	48.269	ug/l	99
79) 2-Chlorotoluene	11.41	91	1913291	46.449	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2378983	47.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	332659	43.273	ug/l	99
82) 4-Chlorotoluene	11.49	91	2261017	46.823	ug/l	98
83) tert-Butylbenzene	11.76	119	2360855	48.153	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	2440247	47.709	ug/l	99
85) sec-Butylbenzene	11.93	105	2703846	47.685	ug/l	99
86) p-Isopropyltoluene	12.05	119	2562216	48.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1395305	49.718	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1353108	47.334	ug/l	99
89) n-Butylbenzene	12.37	91	2329583	48.973	ug/l	100
90) Hexachloroethane	12.58	117	442754	43.214	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1324540	48.227	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	233815	41.078	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	1028213	47.330	ug/l	98

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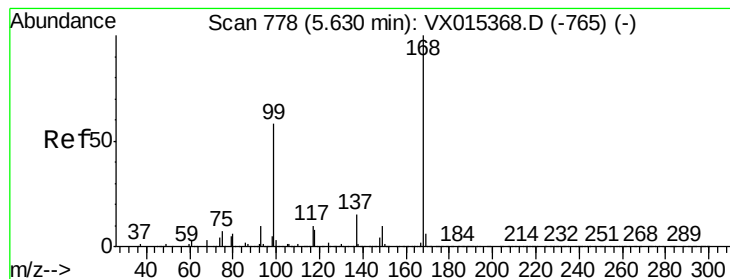
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	470021	45.442	ug/l	98
95) Naphthalene	13.82	128	3066997	46.282	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1038904	49.670	ug/l	98

(#) = 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: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion:168 Resp: 1172899

Ion Ratio Lower Upper

168 100

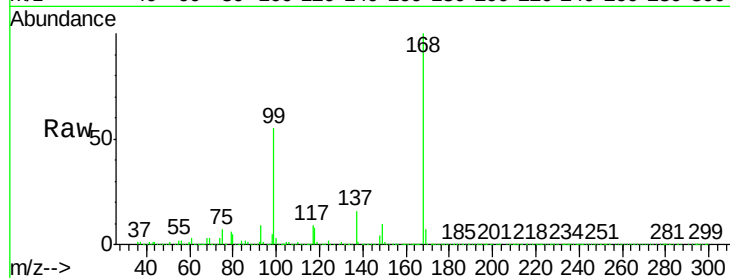
99 54.5 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

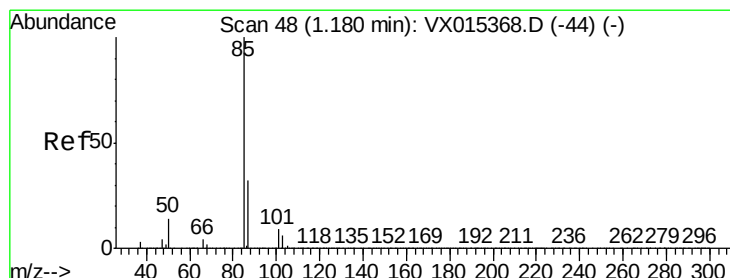
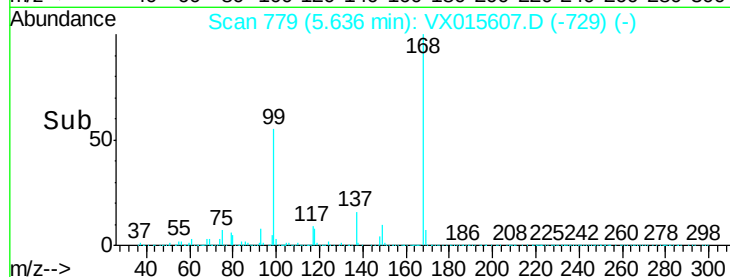
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.074 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015607.D

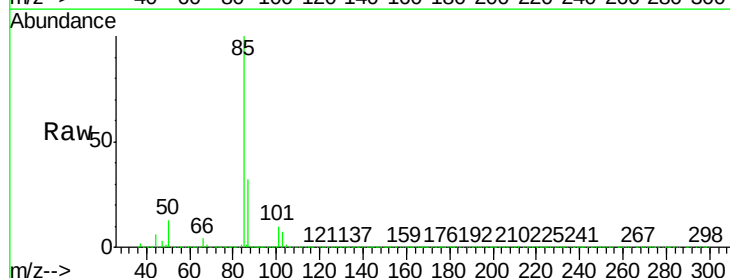
Acq: 09 Apr 2020 19:23

Tgt Ion: 85 Resp: 455434

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

300000

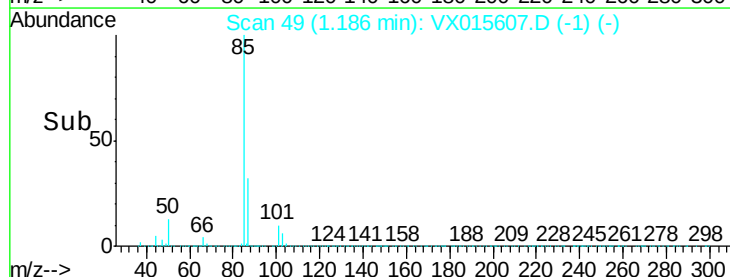
200000

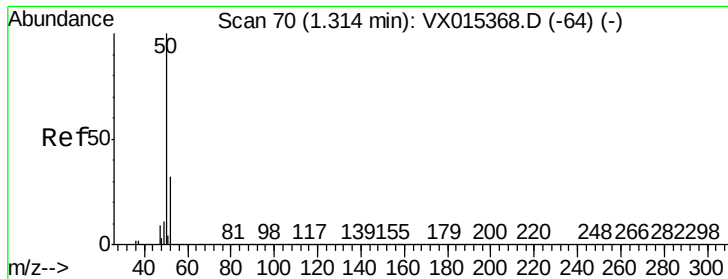
100000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.039 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 50 Resp: 579533

Ion Ratio Lower Upper

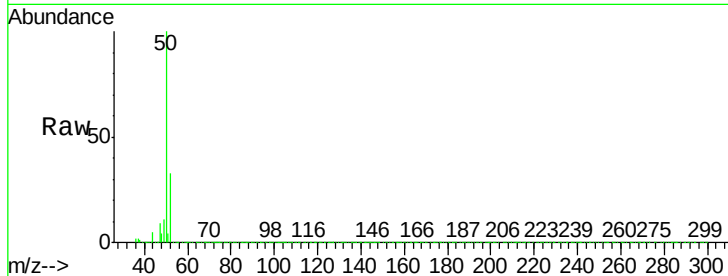
50 100

52 32.6 25.3 37.9

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600000

500000

400000

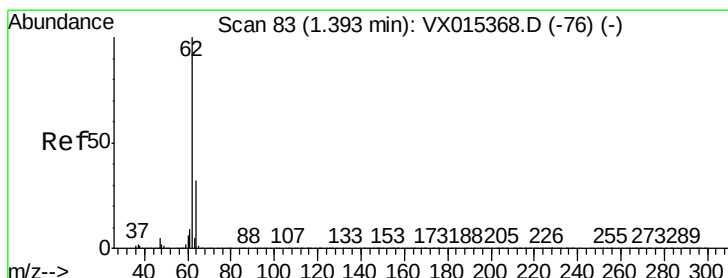
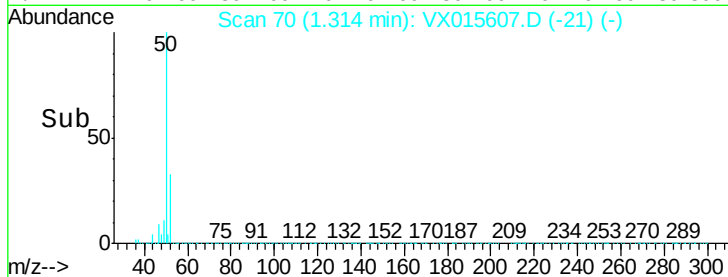
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.030 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015607.D

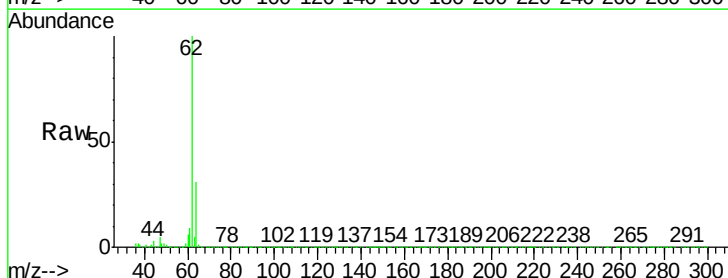
Acq: 09 Apr 2020 19:23

Tgt Ion: 62 Resp: 556203

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

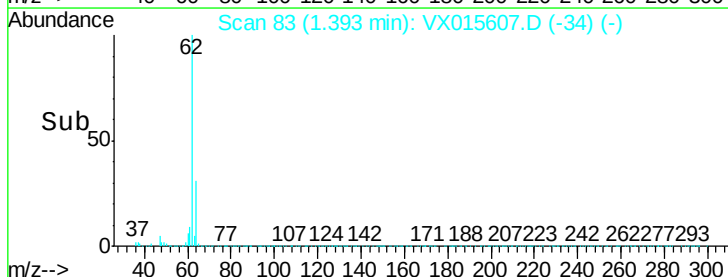
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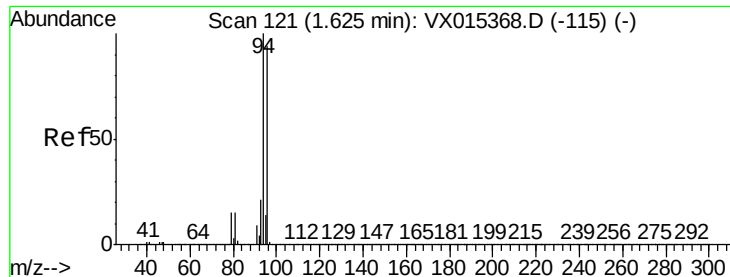
400000

200000

0

Time-->





#5

Bromomethane

Concen: 61.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 94 Resp: 330452

Ion Ratio Lower Upper

94 100

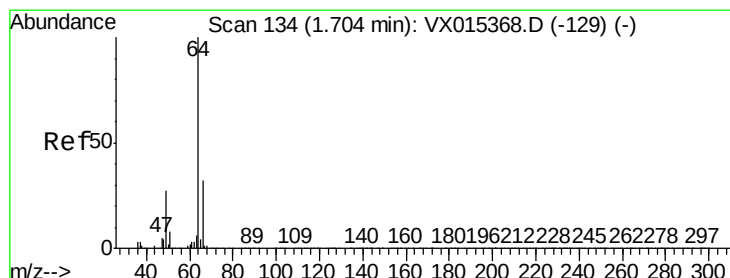
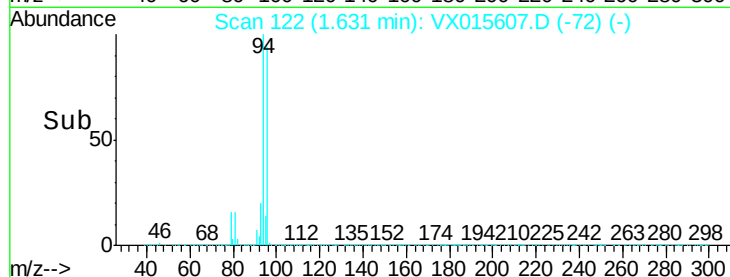
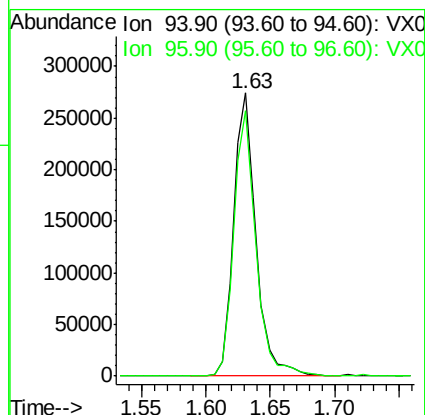
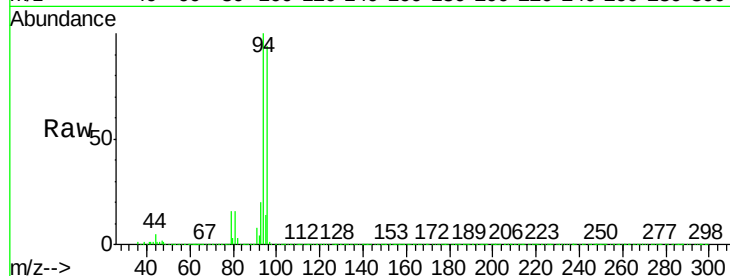
96 93.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 47.851 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015607.D

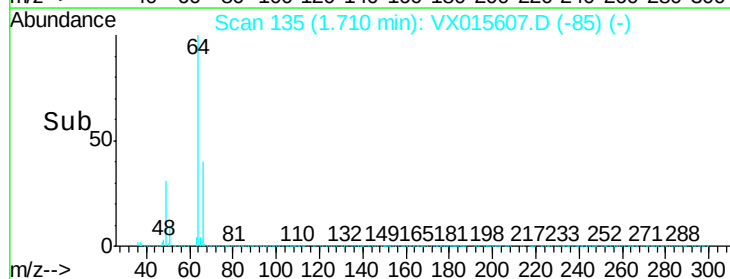
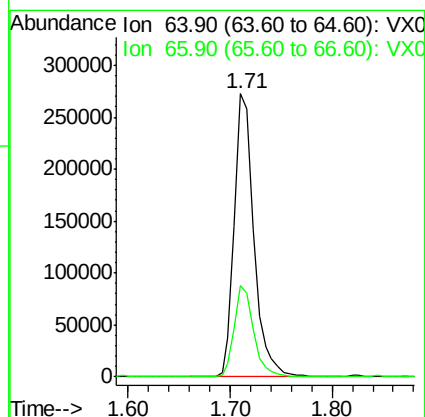
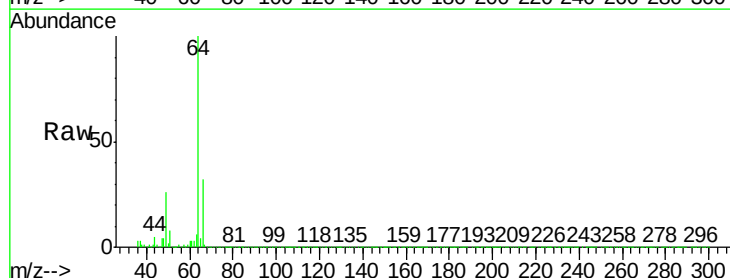
Acq: 09 Apr 2020 19:23

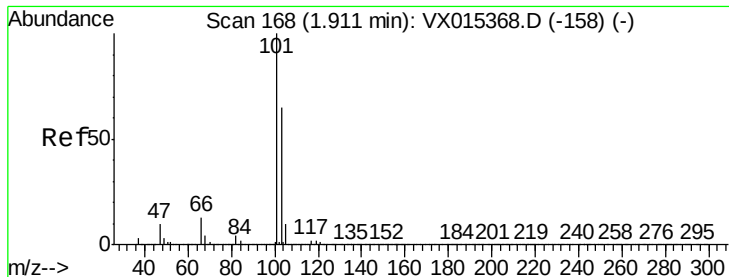
Tgt Ion: 64 Resp: 358606

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2





#7

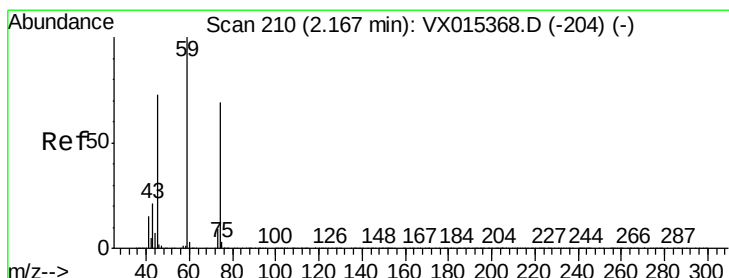
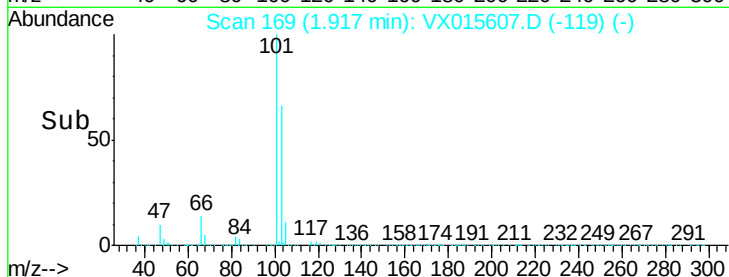
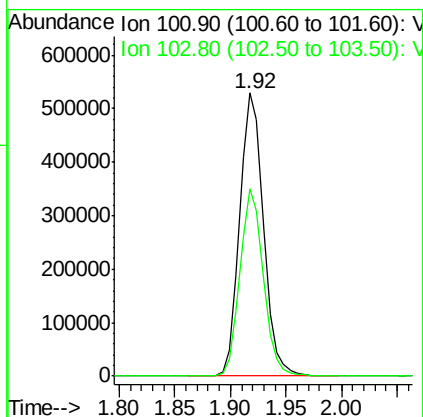
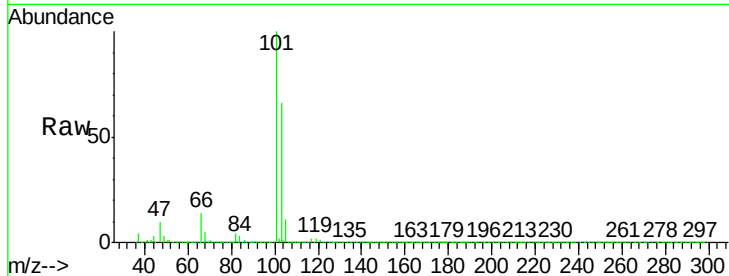
Trichlorofluoromethane
Concen: 48.401 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015607.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.3	78.5

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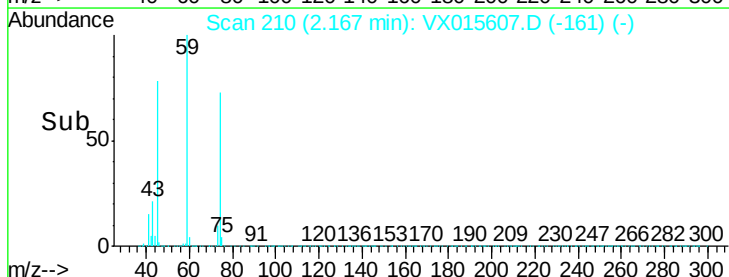
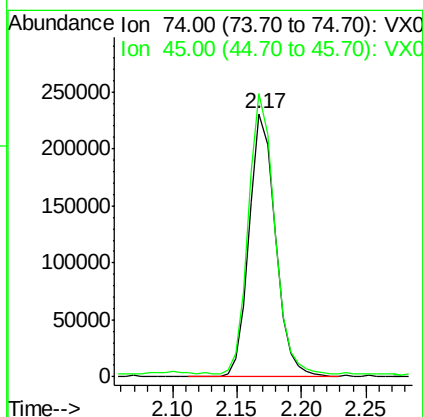
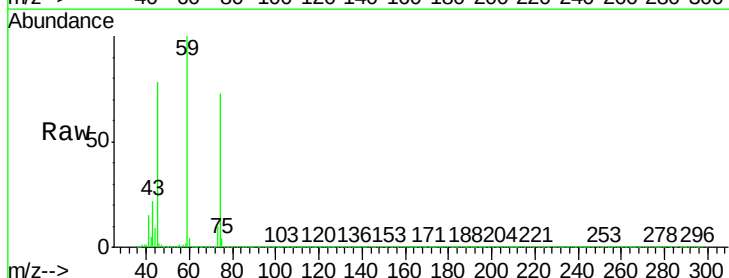
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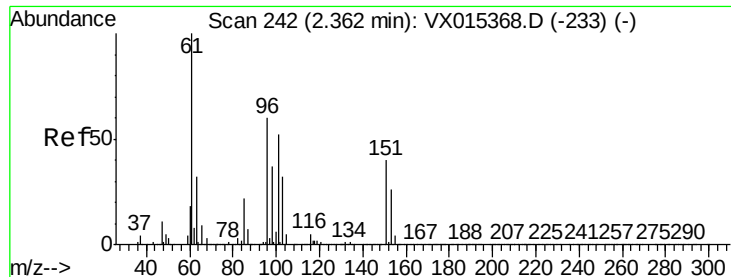


#8

Diethyl Ether
Concen: 47.481 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.911 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

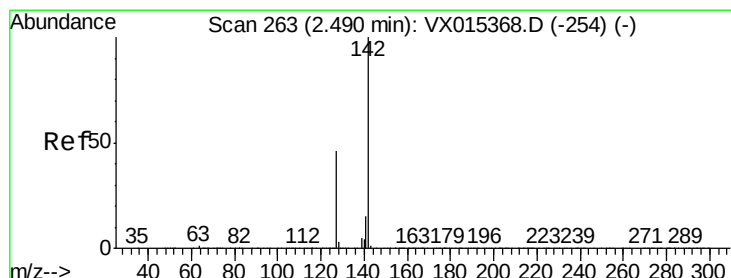
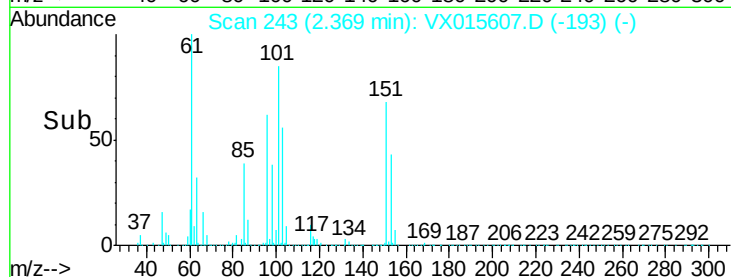
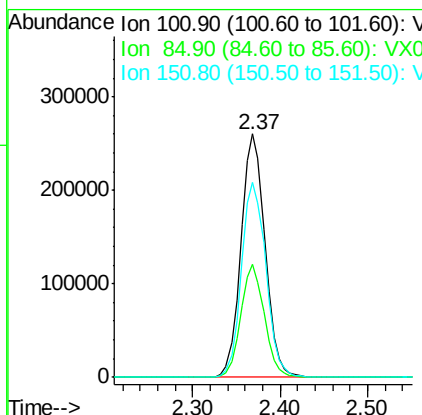
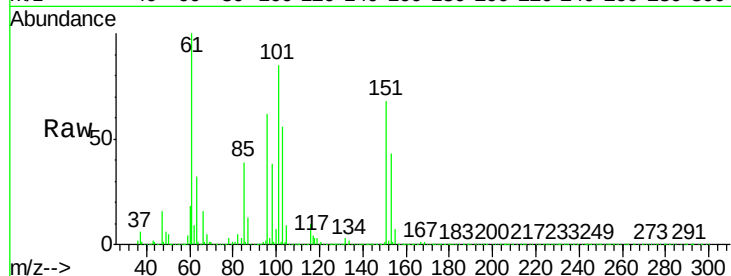
ClientSampleId :

MW-1DMS

Tot Ion:	101	Resp:	495572
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.0	52.4
151	81.8	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 53.516 ug/l

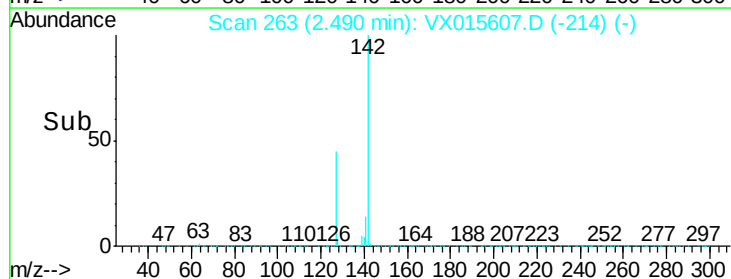
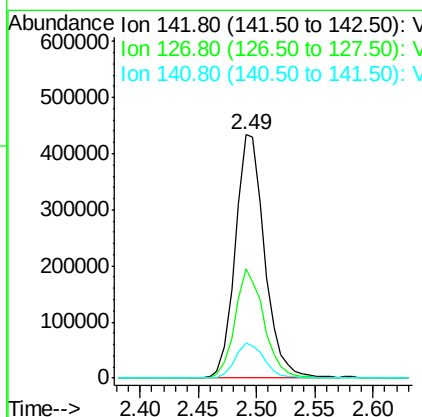
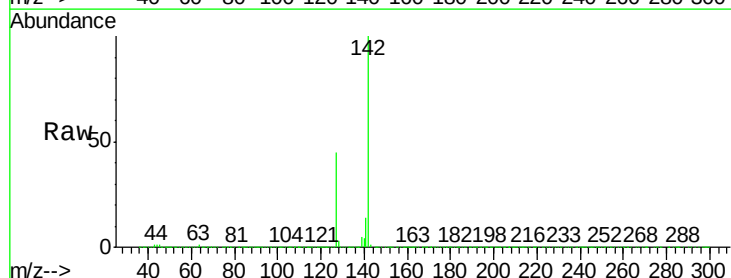
RT: 2.49 min Scan# 263

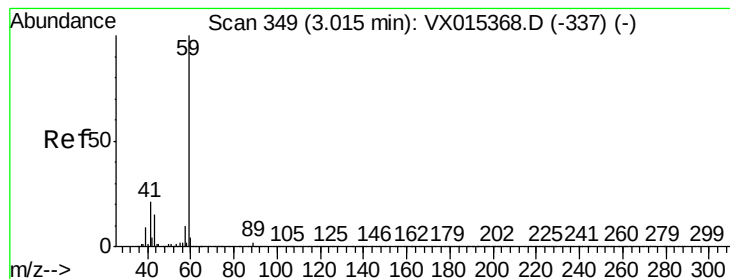
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	142	Resp:	762220
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.9	53.9
141	14.4	11.6	17.4





#11

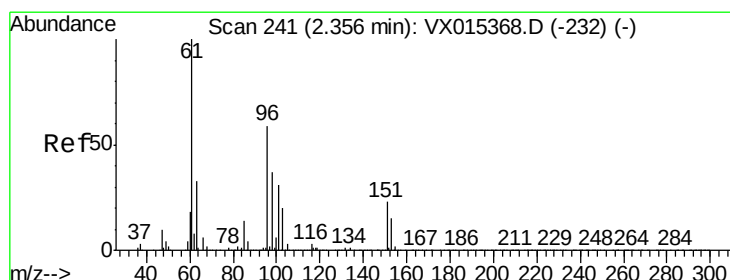
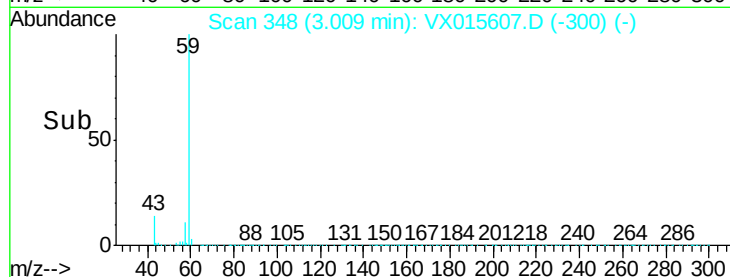
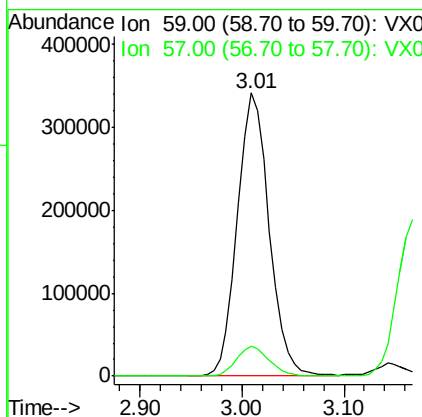
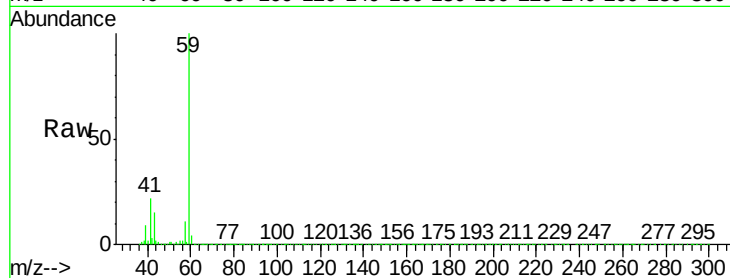
Tert butyl alcohol
Concen: 186.200 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

Manual Integrations
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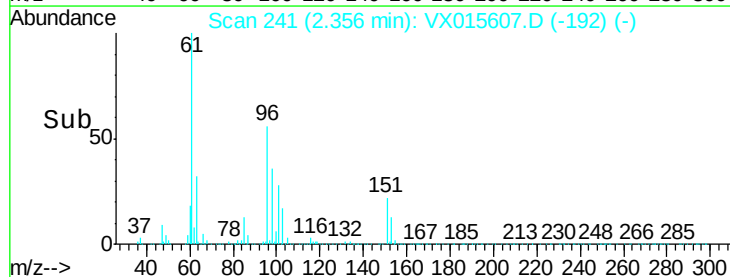
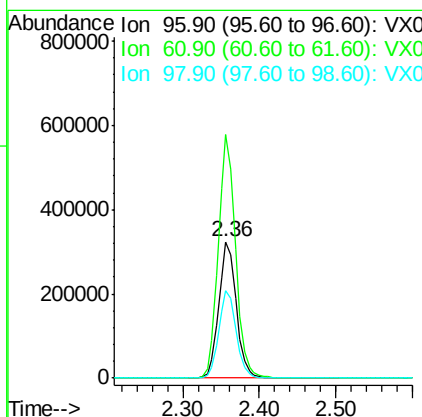
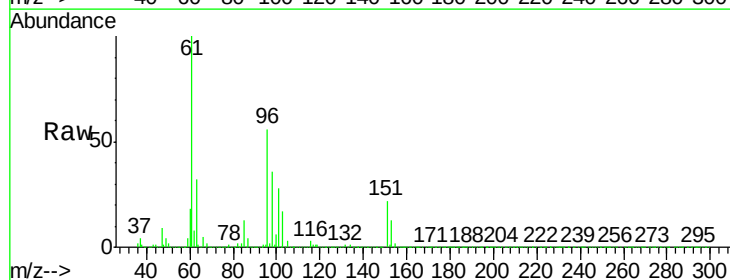
sam
4/10/2020 2:13:19 PM

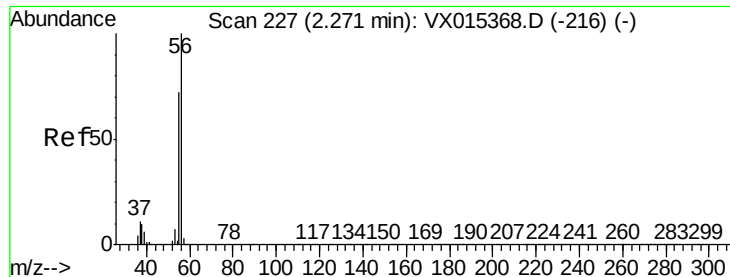


#12

1,1-Dichloroethene
Concen: 46.080 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.5	135.7	203.5
98	64.5	50.6	75.8





#13

Acrolein

Concen: 121.277 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 56 Resp: 273544

Ion Ratio Lower Upper

56 100

55 71.6

57.0

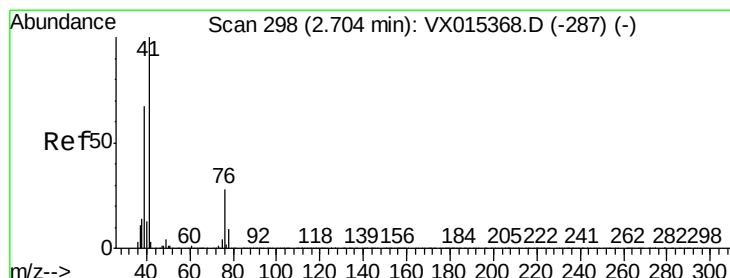
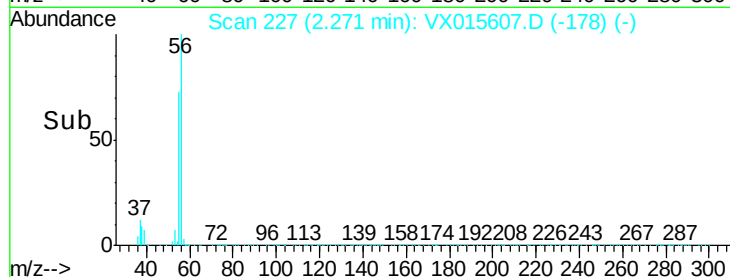
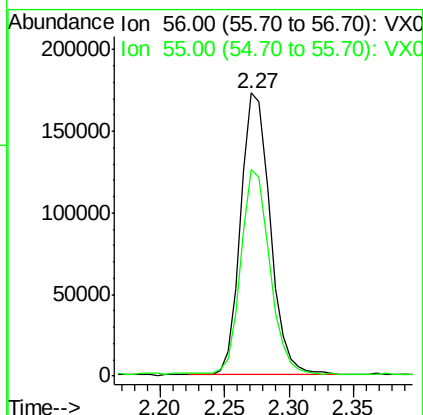
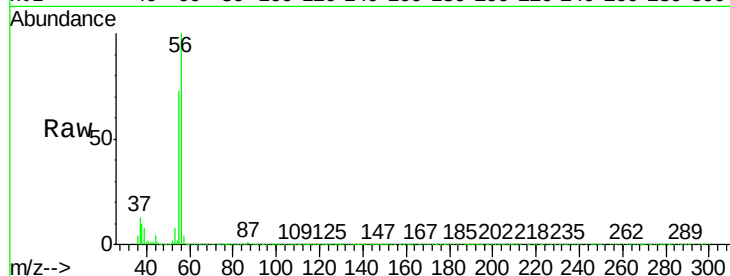
85.4

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 43.521 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion: 41 Resp: 1126065

Ion Ratio Lower Upper

41 100

39 66.4

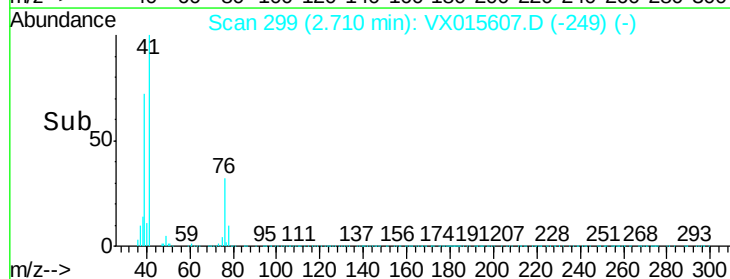
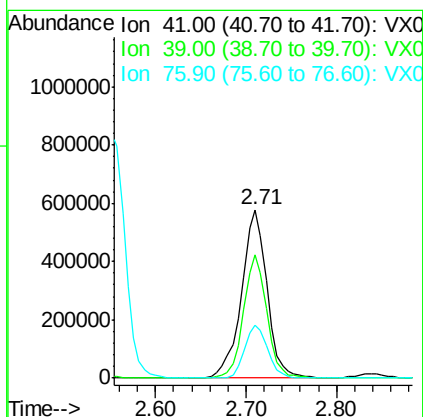
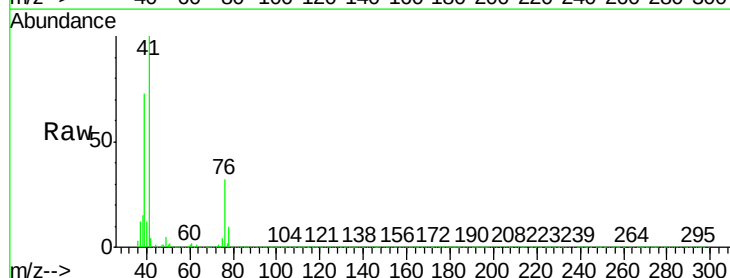
51.4

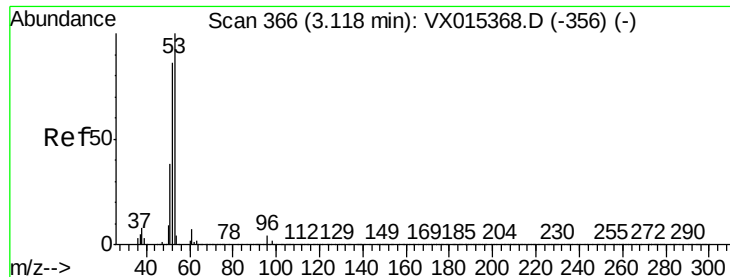
77.0

76 28.4

21.8

32.8





#15

Acrylonitrile

Concen: 228.182 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 53 Resp: 1723023

Ion Ratio Lower Upper

53 100

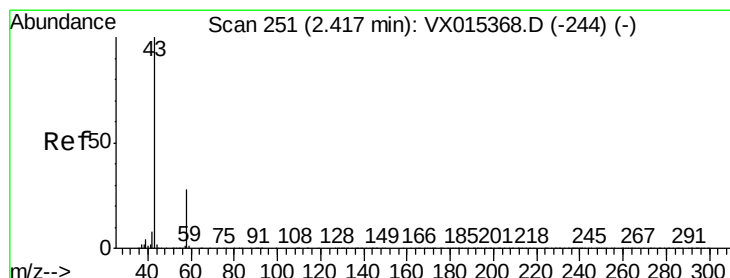
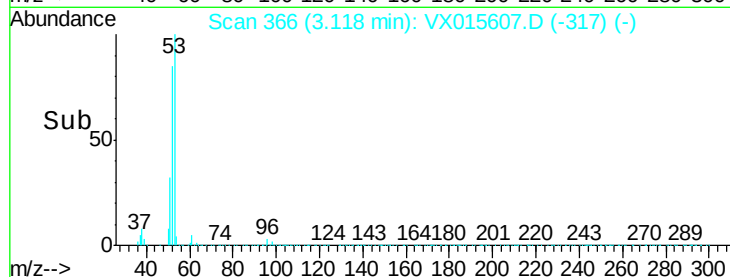
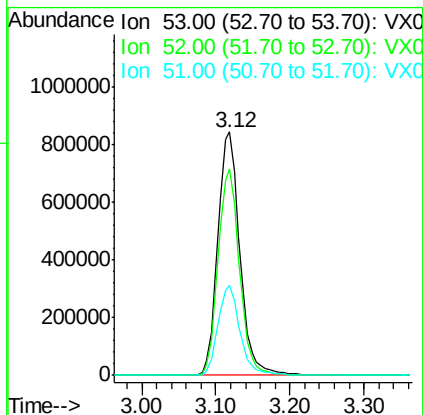
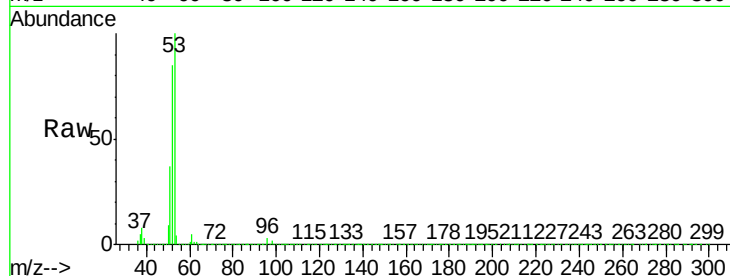
52 83.0 66.8 100.2

51 37.0 29.5 44.3

Manual Integrations
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sam

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#16

Acetone

Concen: 222.760 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015607.D

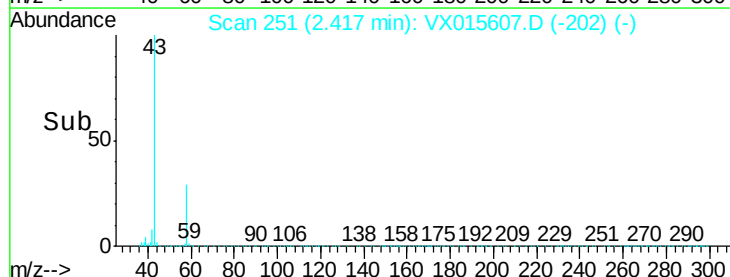
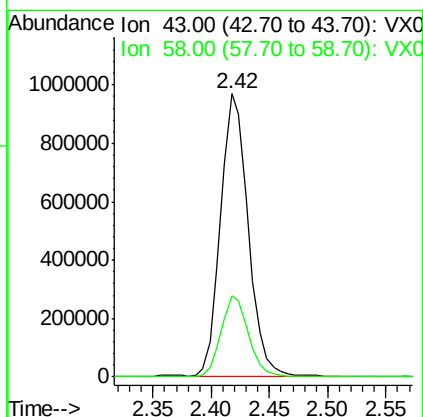
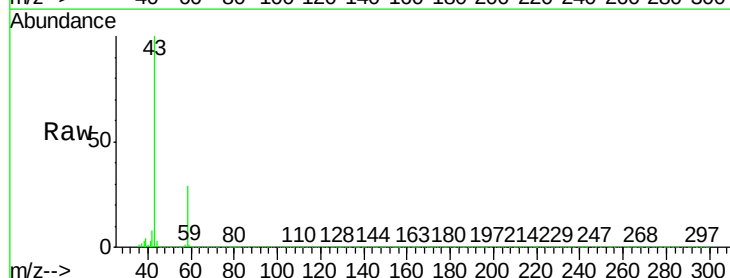
Acq: 09 Apr 2020 19:23

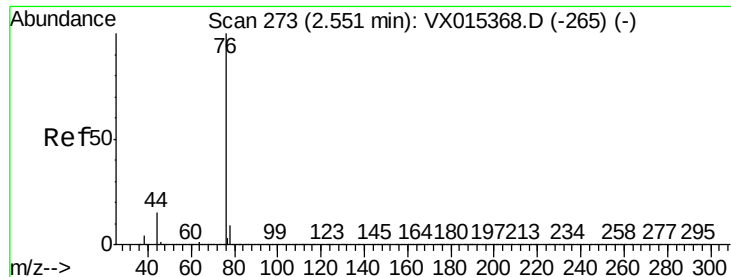
Tgt Ion: 43 Resp: 1583163

Ion Ratio Lower Upper

43 100

58 28.6 22.1 33.1





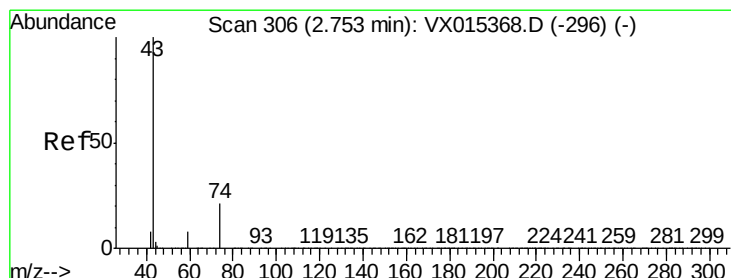
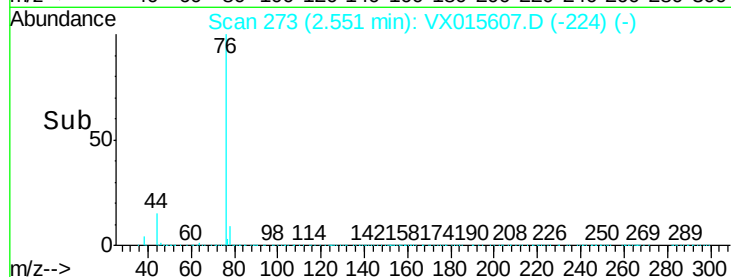
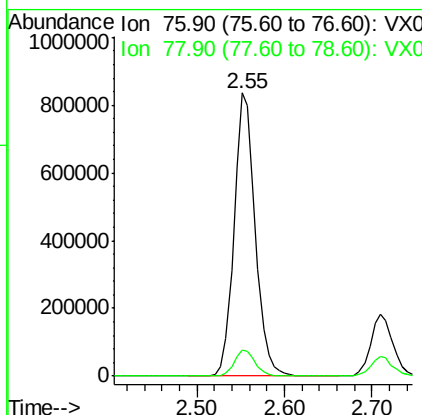
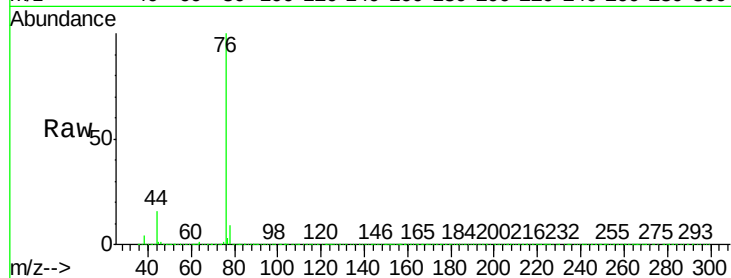
#17
Carbon Disulfide
Concen: 41.681 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion: 76 Resp: 1407987
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

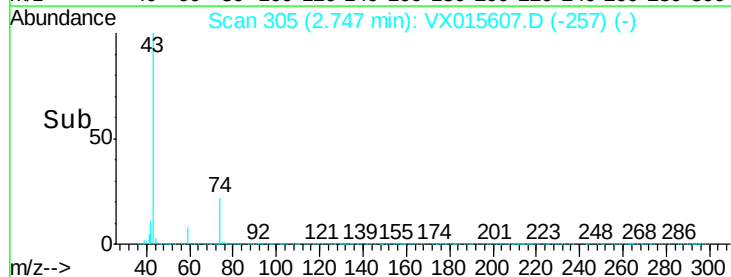
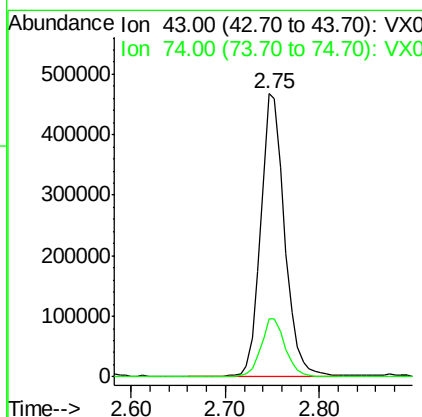
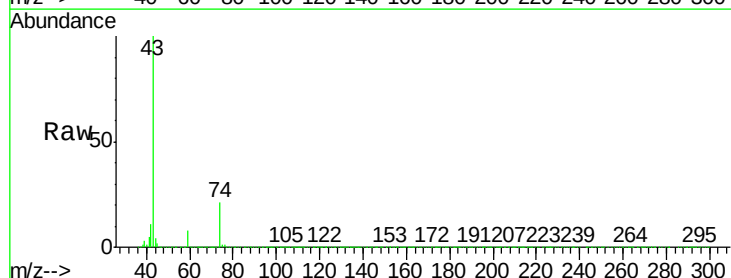
Manual Integrations
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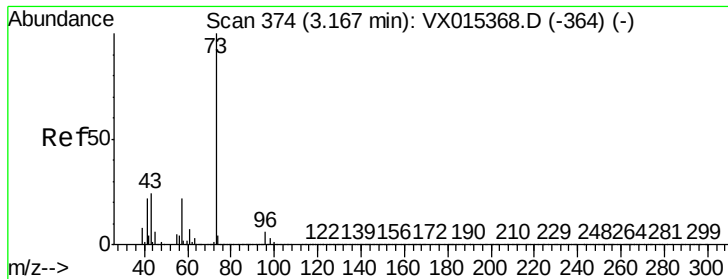
sam
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#18
Methyl Acetate
Concen: 46.023 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion: 43 Resp: 834812
Ion Ratio Lower Upper
43 100
74 21.4 16.5 24.7





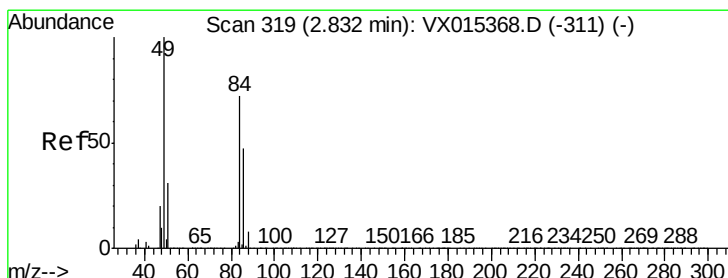
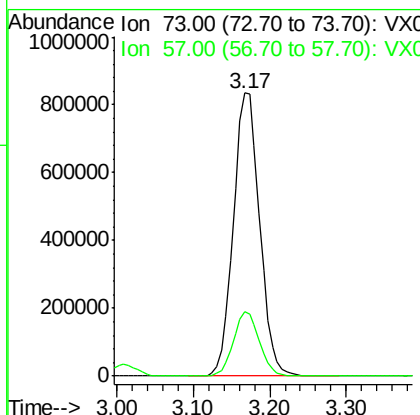
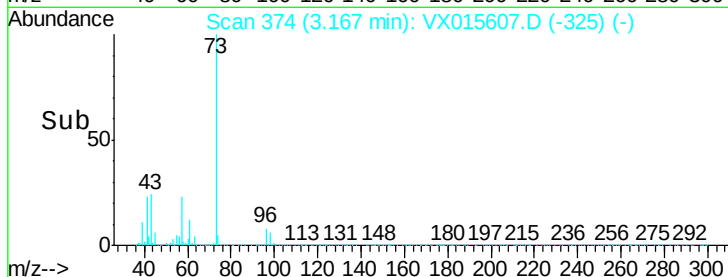
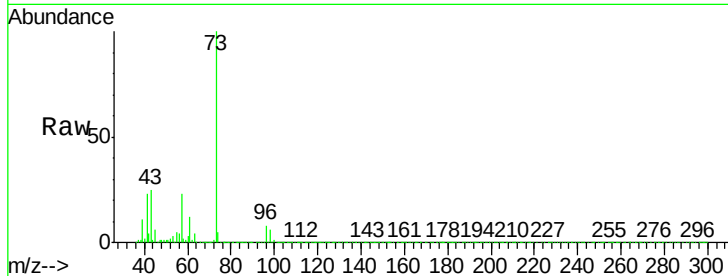
#19
Methyl tert-butyl Ether
Concen: 46.100 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion: 73 Resp: 1979840
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

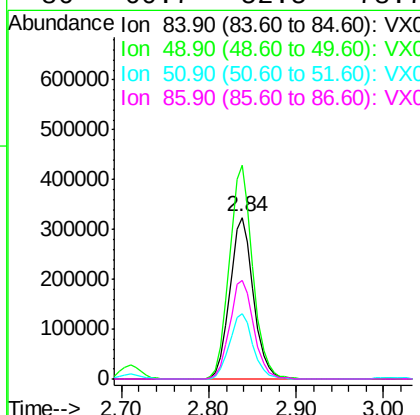
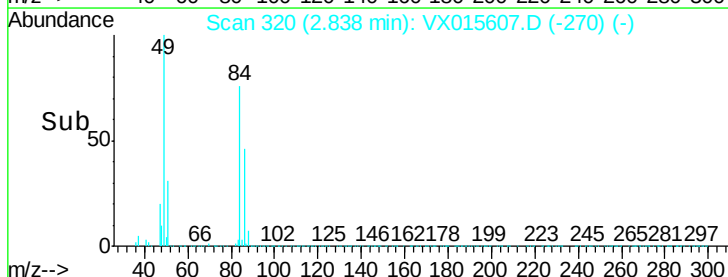
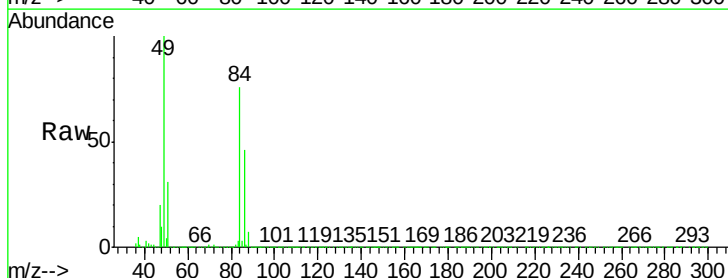
Manual Integrations
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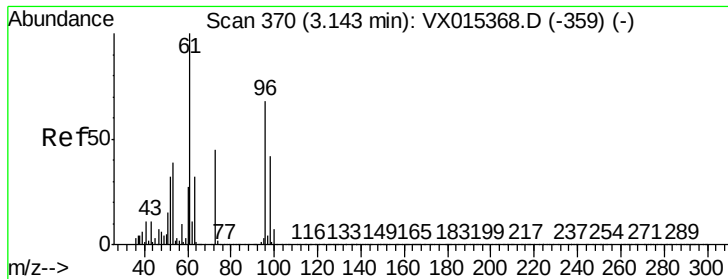
sam
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#20
Methylene Chloride
Concen: 45.569 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion: 84 Resp: 604917
Ion Ratio Lower Upper
84 100
49 132.2 111.3 166.9
51 40.3 34.0 51.0
86 60.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.265 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 96 Resp: 556279

Ion Ratio Lower Upper

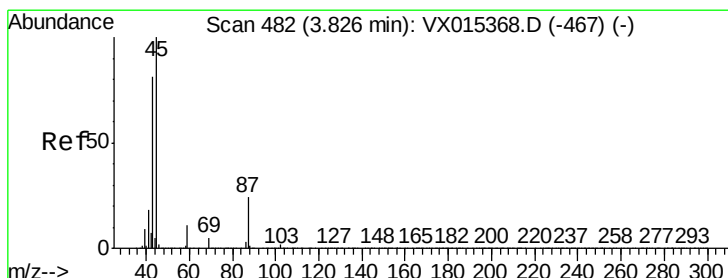
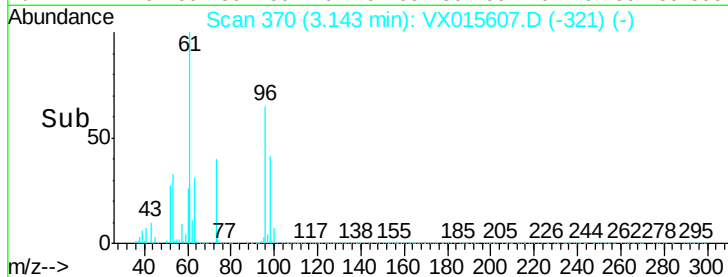
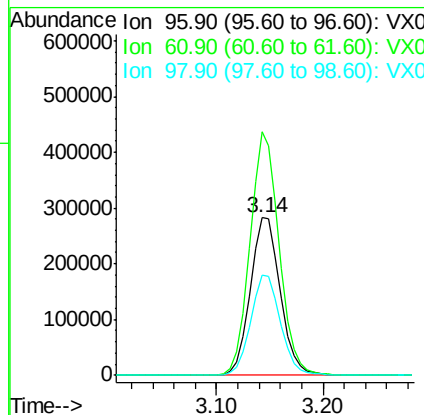
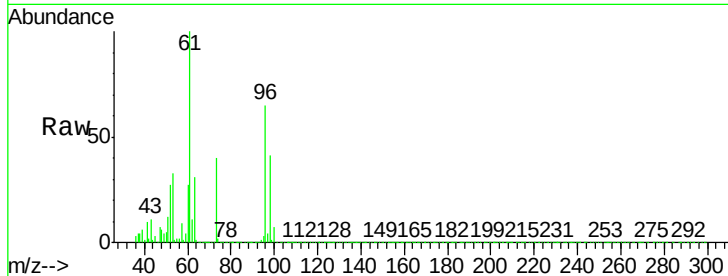
96 100

61 154.3 116.9 175.3

98 63.7 48.6 73.0

Manual Integrations
APPROVED

sam
4/10/2020 2:13:19 PM



#22

Diisopropyl ether

Concen: 45.843 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion: 45 Resp: 2101846

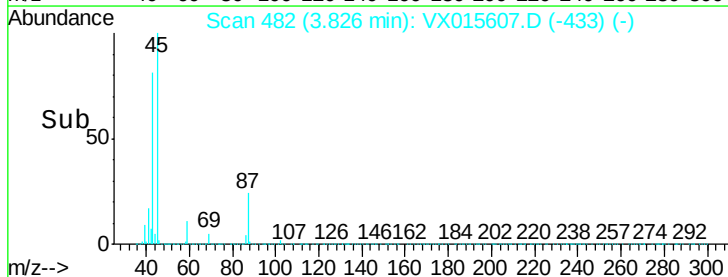
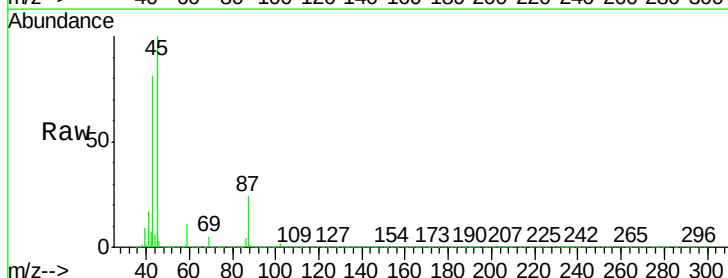
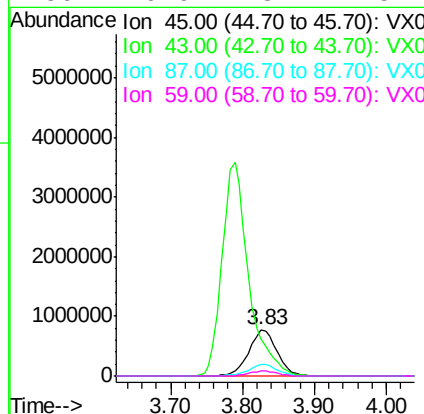
Ion Ratio Lower Upper

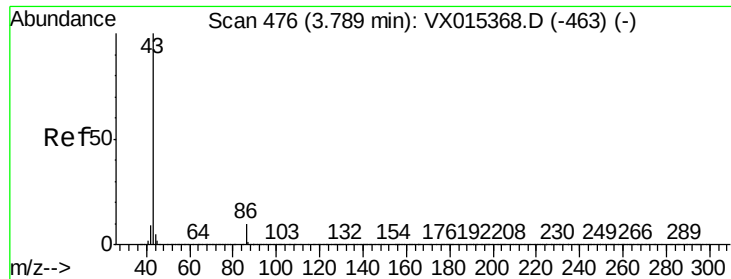
45 100

43 80.9 64.7 97.1

87 24.1 19.4 29.0

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 221.841 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 43 Resp: 9208924

Ion Ratio Lower Upper

43 100

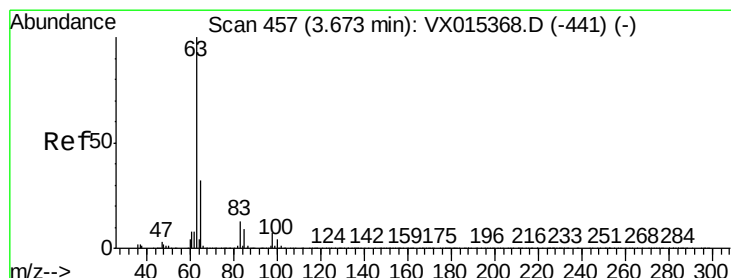
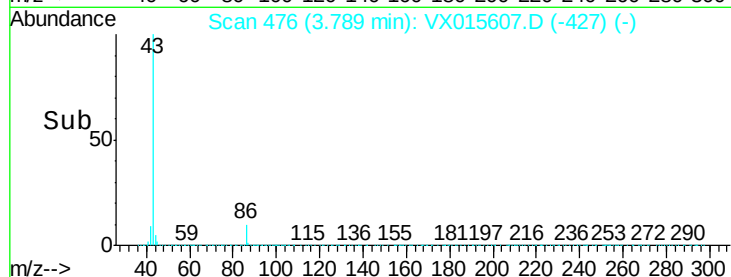
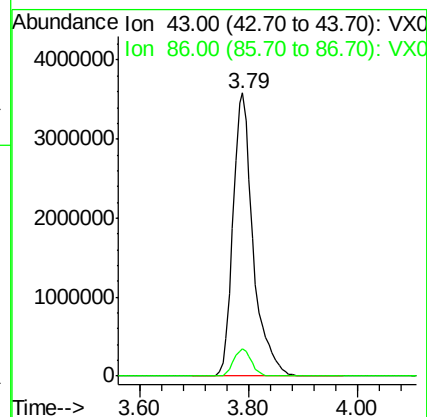
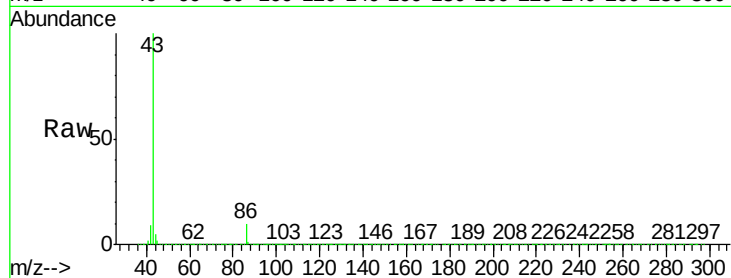
86 9.7 7.8 11.6

Manual Integrations

APPROVED

sam

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#24

1,1-Dichloroethane

Concen: 45.103 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

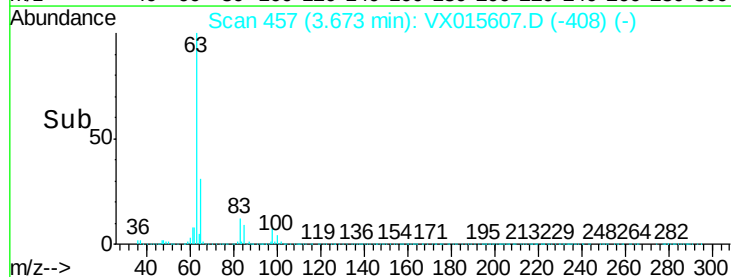
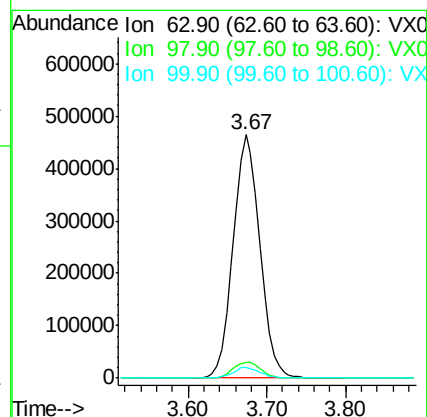
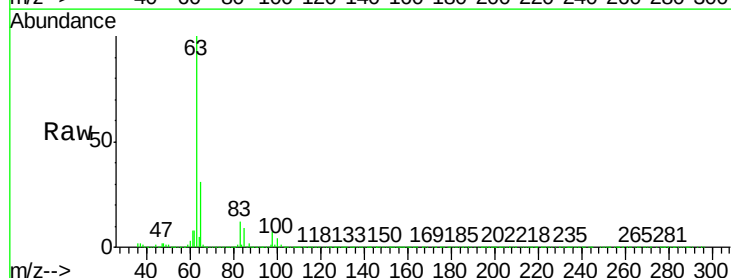
Tgt Ion: 63 Resp: 1088786

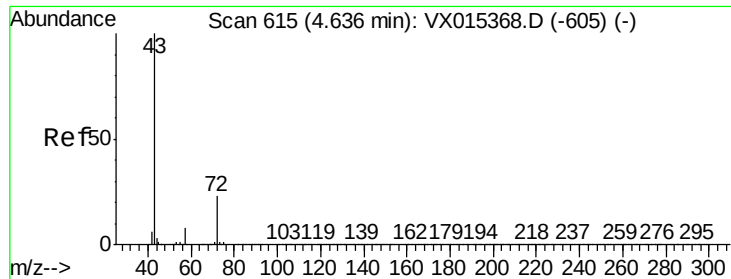
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 217.986 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tot Ion: 43 Resp: 2491485

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4

Instrument :

MSVOA_X

ClientSampled :

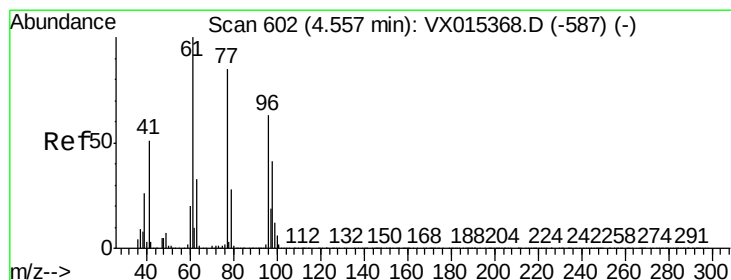
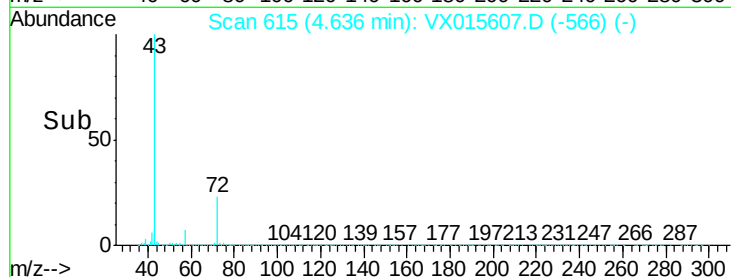
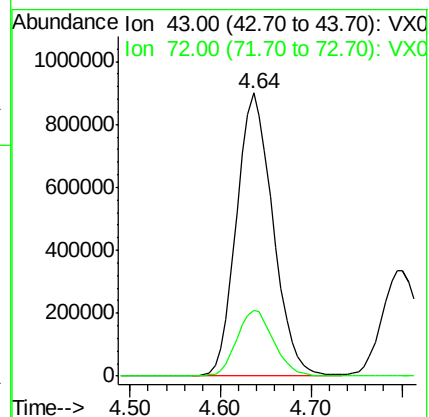
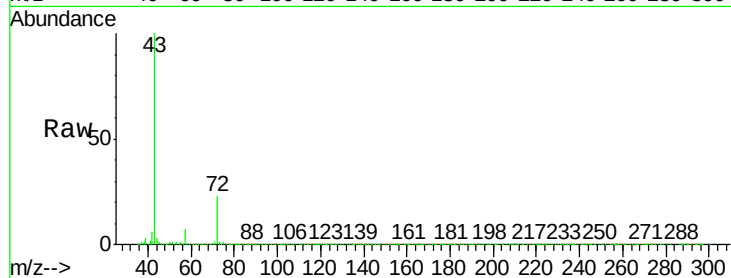
MW-1DMS

Manual Integrations

APPROVED

sam

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#26

2,2-Dichloropropane

Concen: 43.494 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015607.D

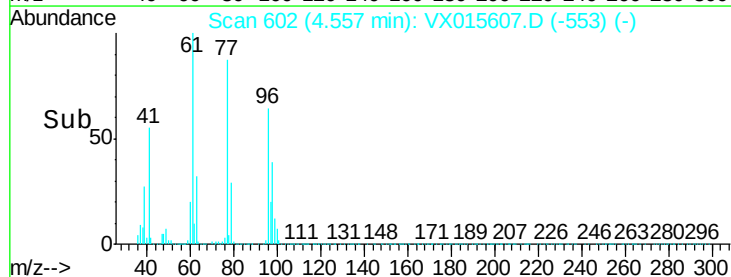
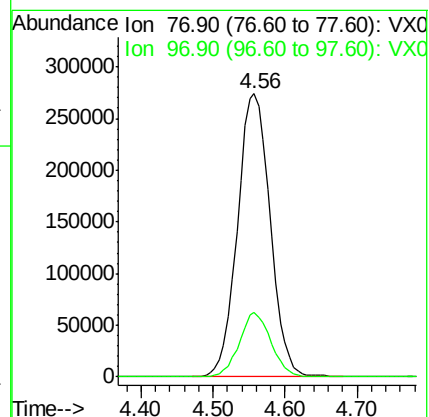
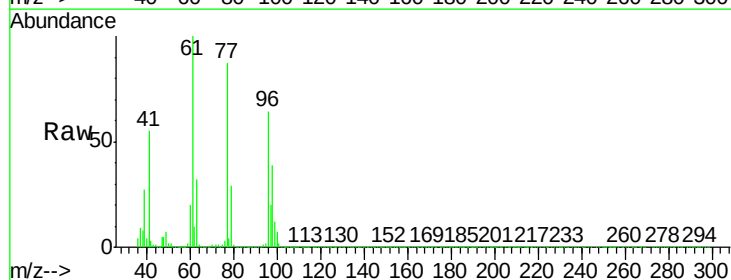
Acq: 09 Apr 2020 19:23

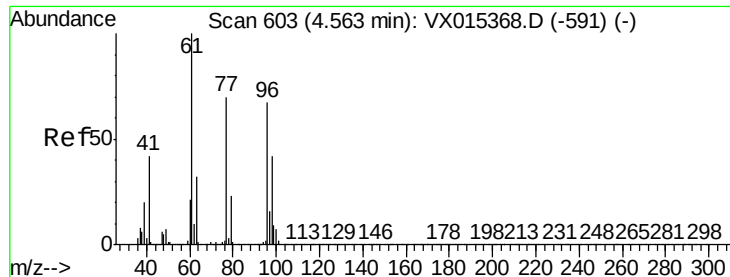
Tgt Ion: 77 Resp: 861809

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

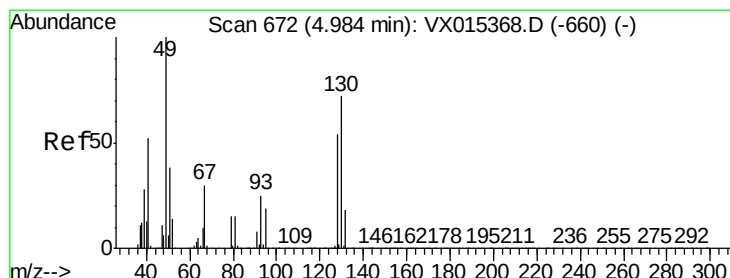
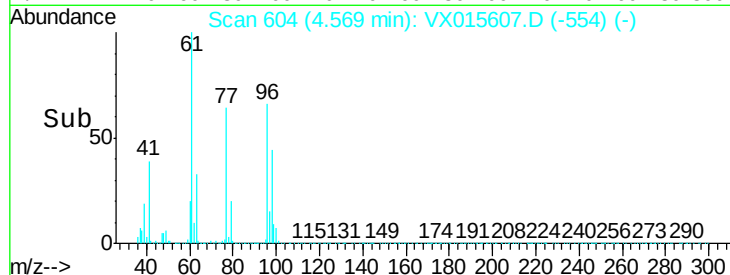
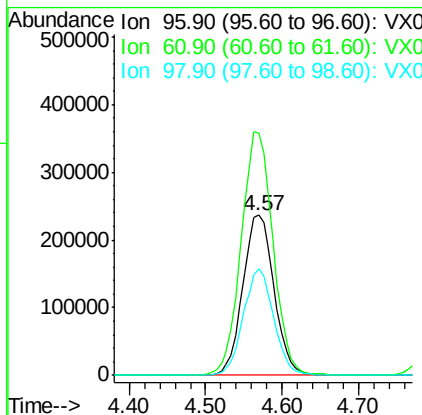
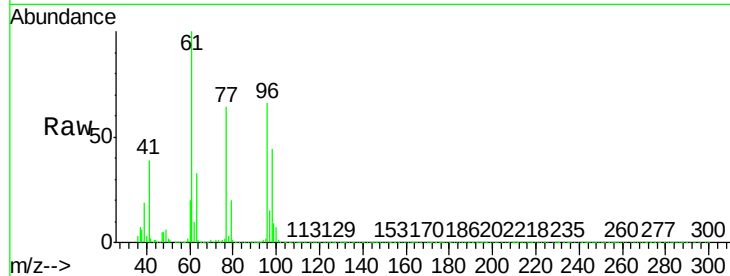
cis-1,2-Dichloroethene
Concen: 47.173 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	670710		
61	155.4	0.0	308.4	
98	64.8	0.0	129.2	

Manual Integrations
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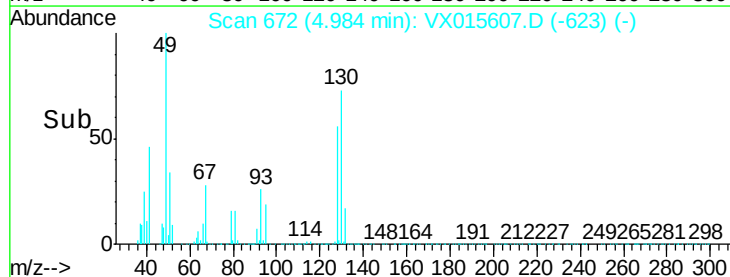
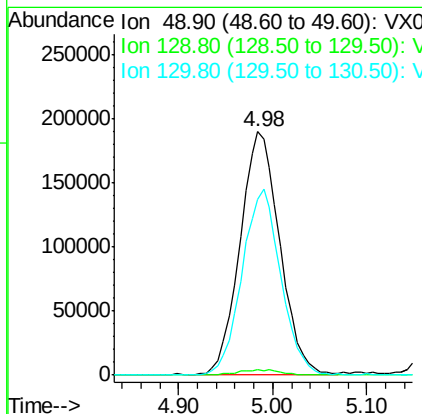
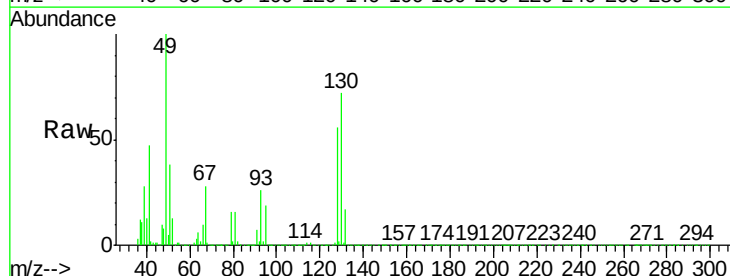
sam
4/10/2020 2:13:19 PM

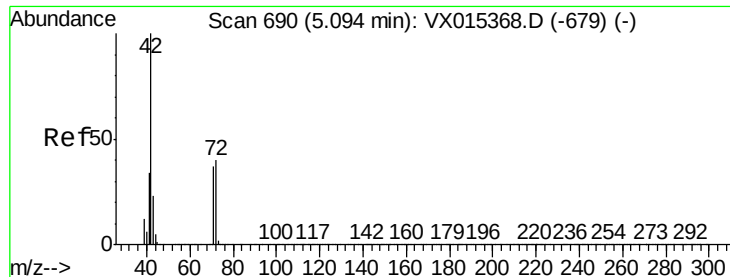


#28

Bromochloromethane
Concen: 48.119 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	554600		
129	2.5	0.0	4.4	
130	74.8	57.7	86.5	





#29

Tetrahydrofuran

Concen: 220.582 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 42 Resp: 1620786

Ion Ratio Lower Upper

42 100

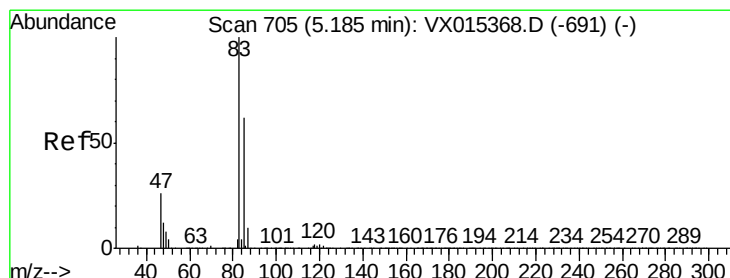
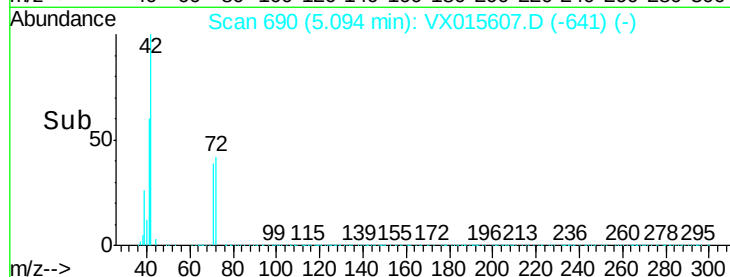
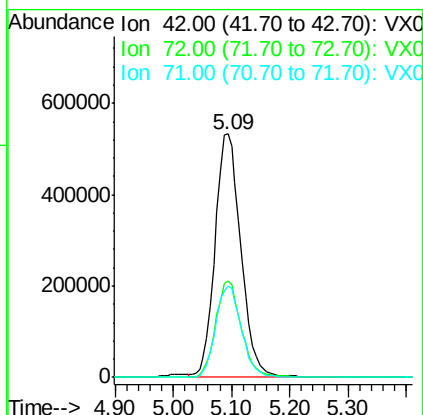
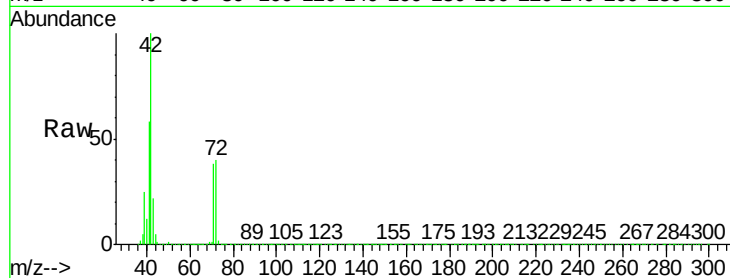
72 39.7 31.7 47.5

71 37.6 29.6 44.4

Manual Integrations
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sam

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#30

Chloroform

Concen: 46.887 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015607.D

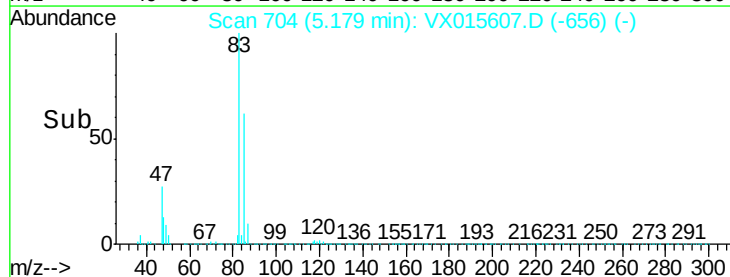
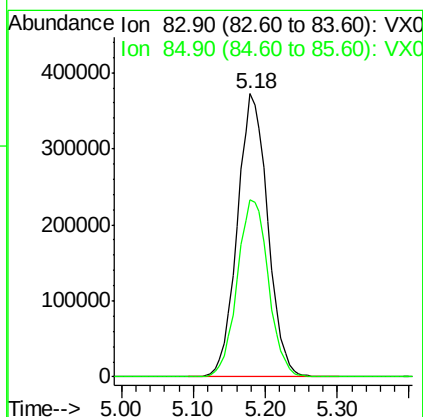
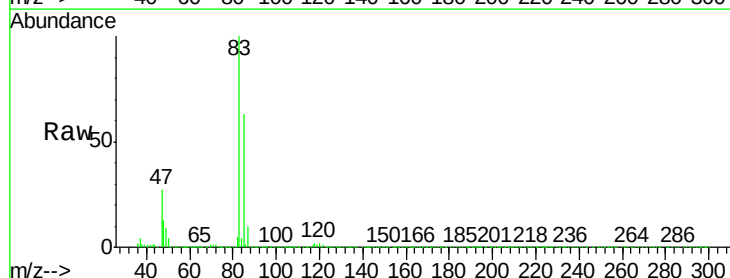
Acq: 09 Apr 2020 19:23

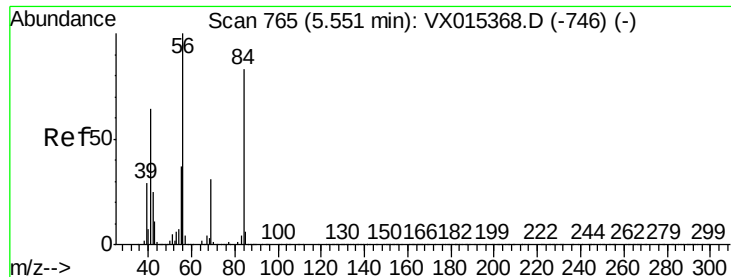
Tgt Ion: 83 Resp: 1088937

Ion Ratio Lower Upper

83 100

85 62.5 49.5 74.3





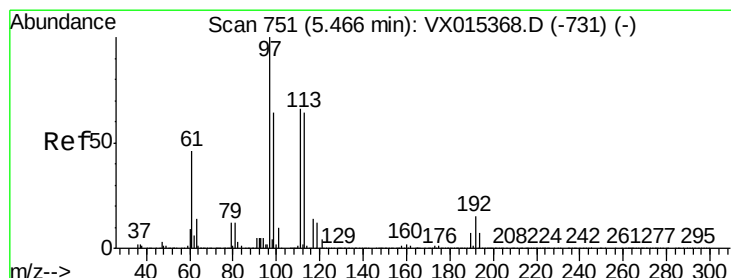
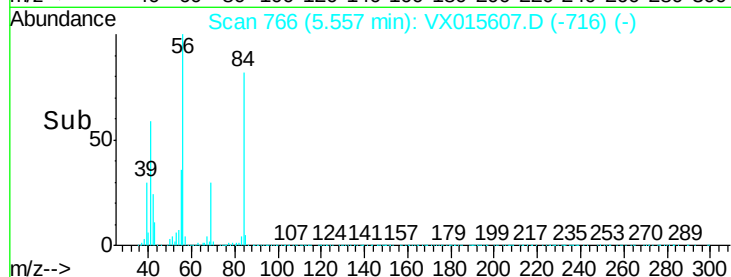
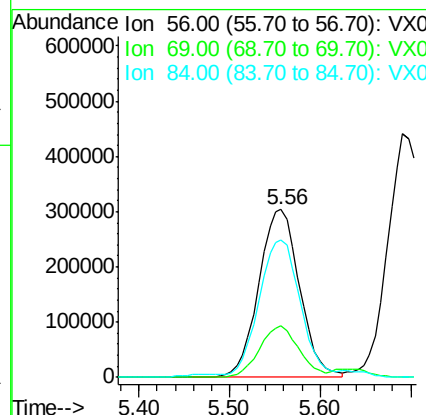
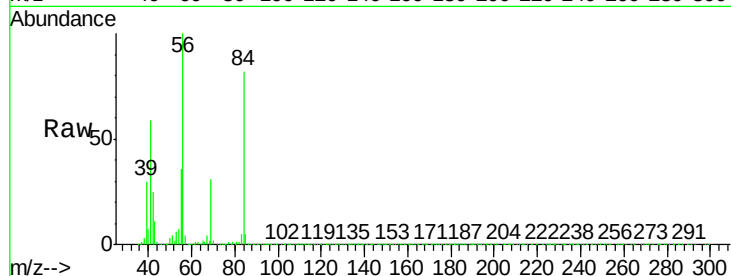
#31
Cyclohexane
Concen: 45.042 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	80.6	66.1	99.1

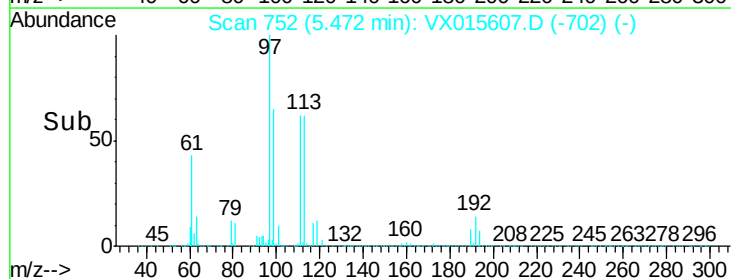
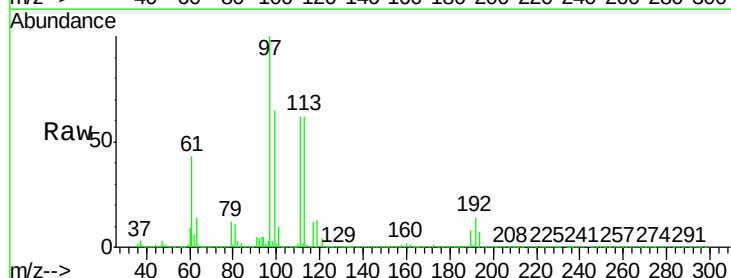
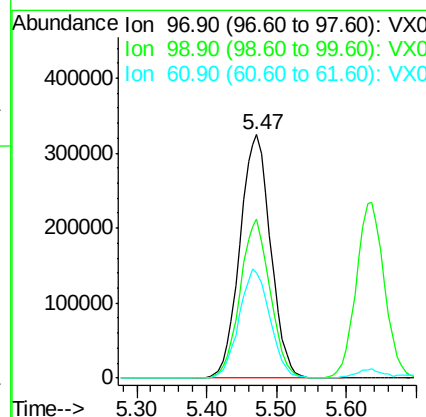
Manual Integrations
APPROVED

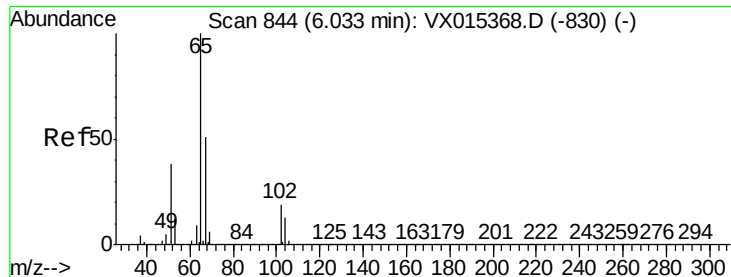
sam
4/10/2020 2:13:19 PM



#32
1,1,1-Trichloroethane
Concen: 46.885 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	44.7	36.1	54.1





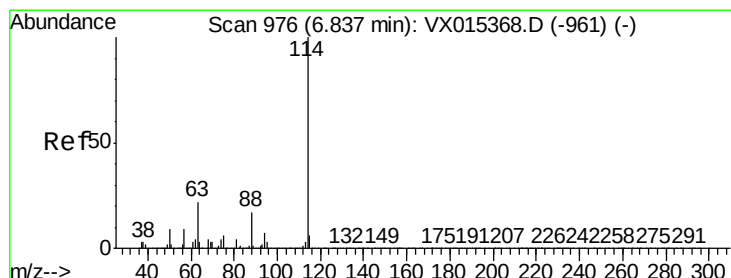
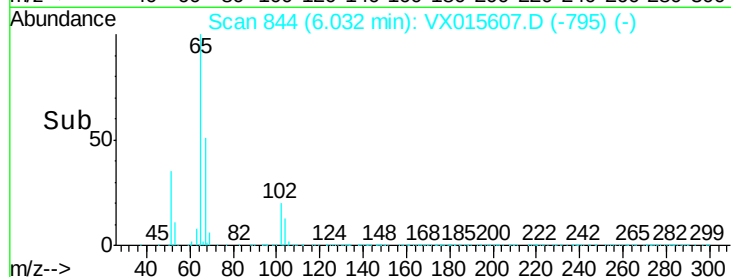
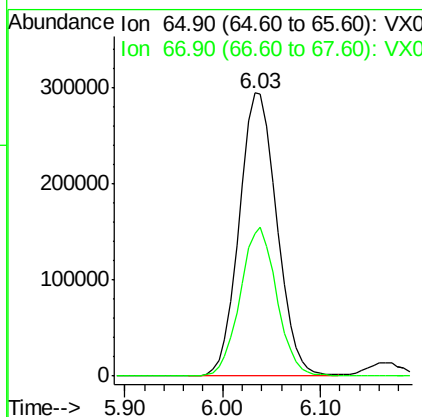
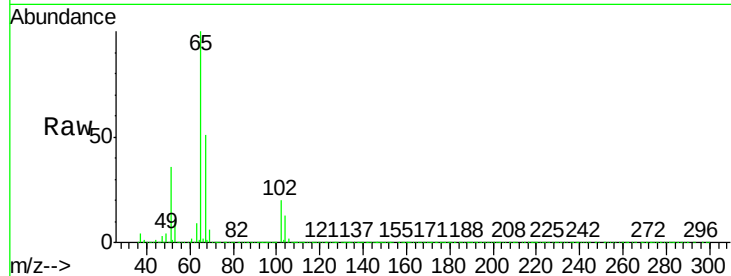
#33
 1,2-Dichloroethane-d4
 Concen: 47.370 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

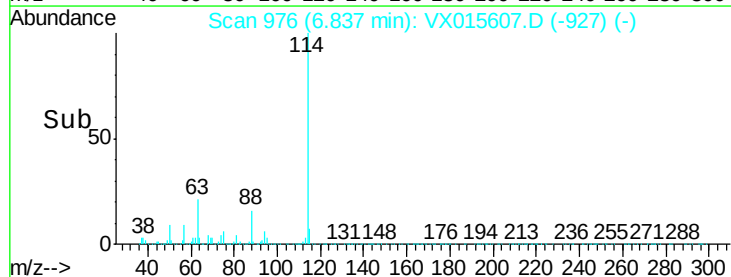
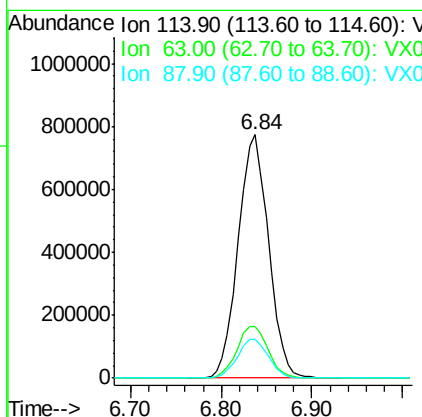
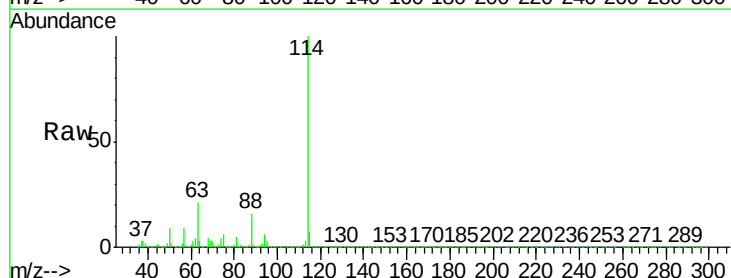
Manual Integrations
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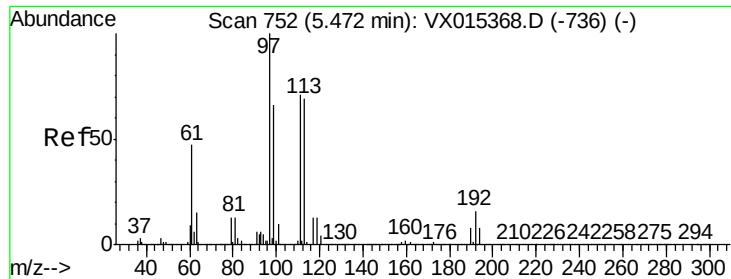
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.2
88	15.8	0.0	33.8





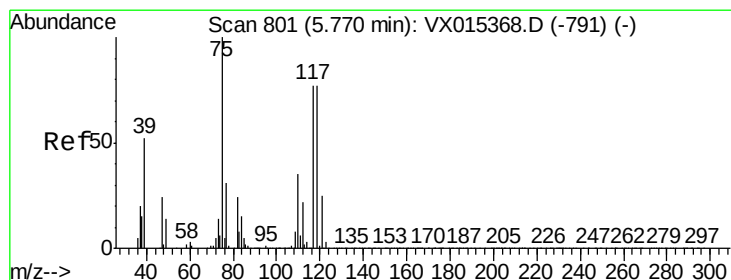
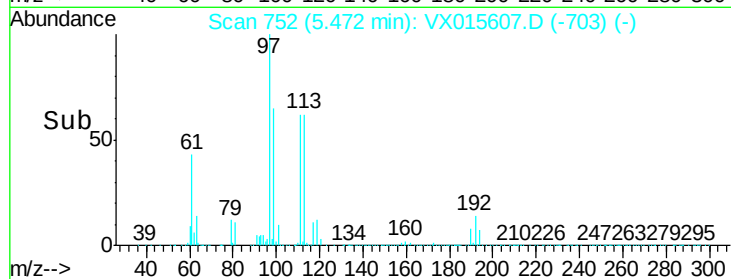
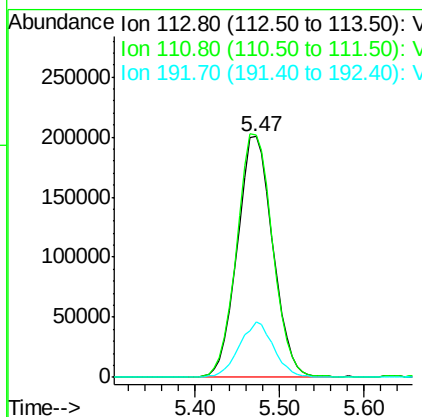
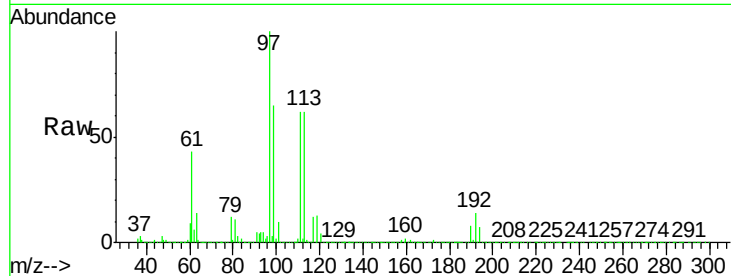
#35
 Dibromofluoromethane
 Concen: 49.446 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	22.5	17.8	26.6

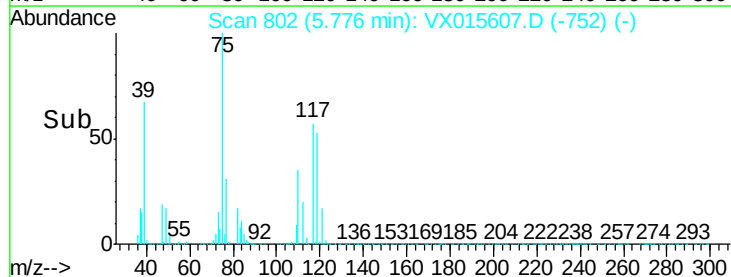
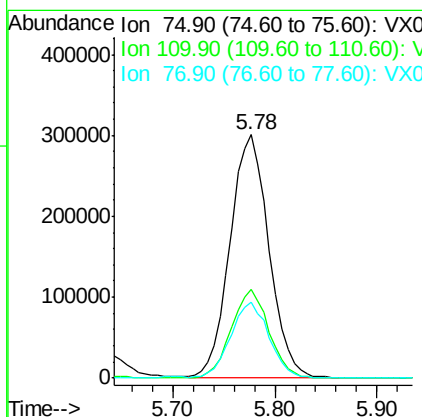
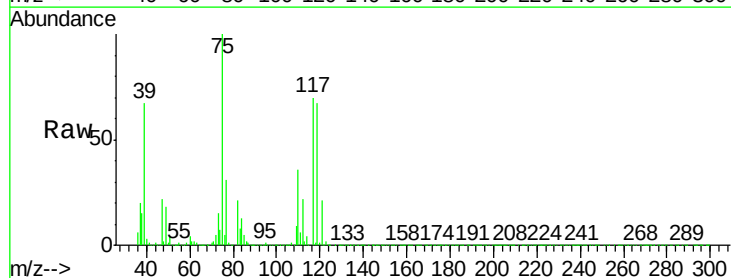
Manual Integrations
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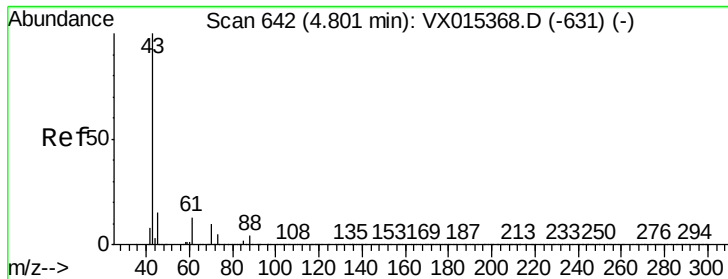
sam
 4/10/2020 2:13:19 PM



#36
 1,1-Dichloropropene
 Concen: 47.788 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.1	51.3
77	30.6	24.6	36.8





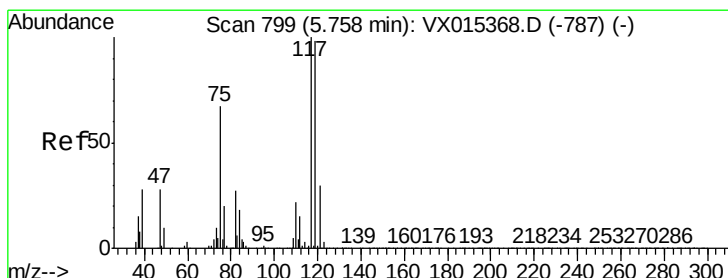
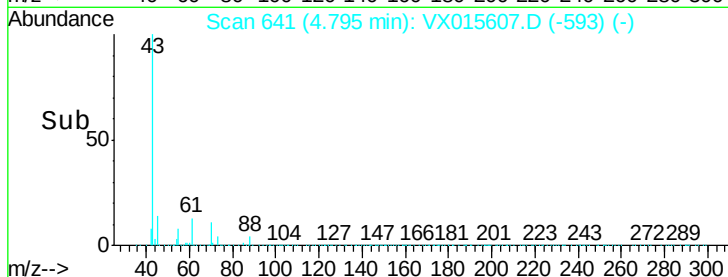
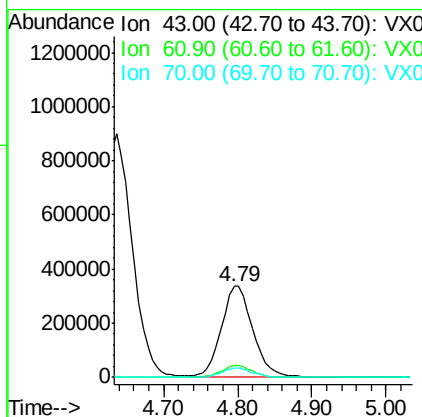
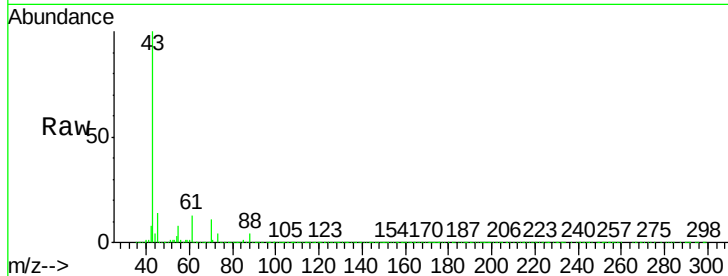
#37
Ethyl Acetate
Concen: 45.215 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	43	Resp	978260
Ion Ratio	Lower	Upper	
43	100		
61	12.6	9.9	14.9
70	10.2	8.1	12.1

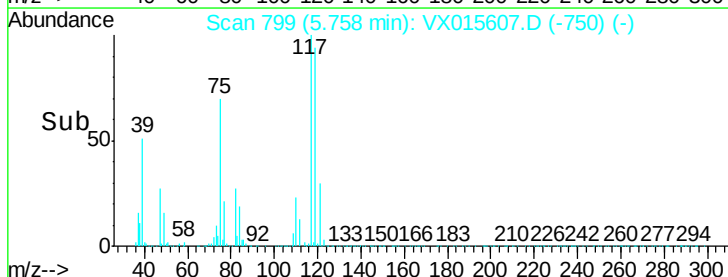
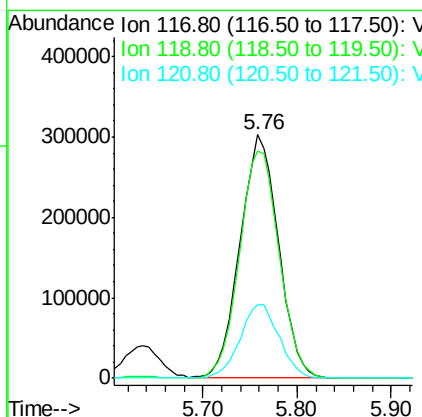
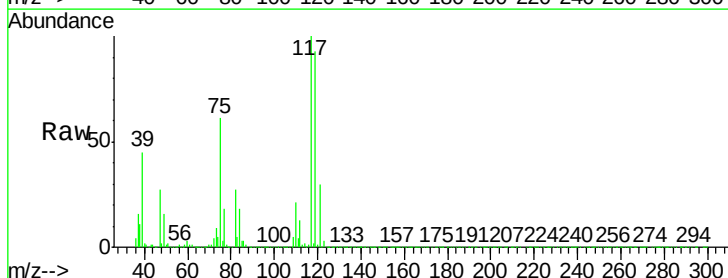
Manual Integrations
APPROVED

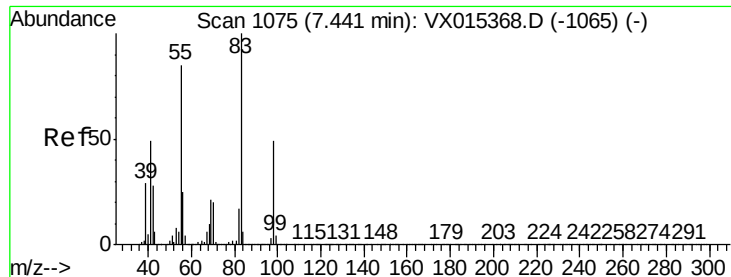
sam
4/10/2020 2:13:19 PM



#38
Carbon Tetrachloride
Concen: 47.839 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	117	Resp	860968
Ion Ratio	Lower	Upper	
117	100		
119	93.3	78.0	117.0
121	30.3	23.8	35.8





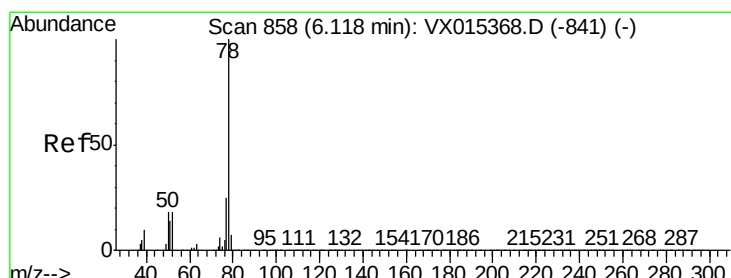
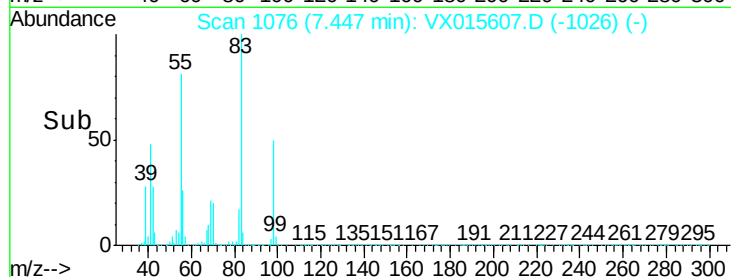
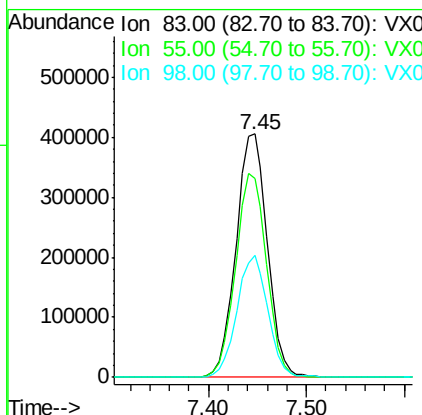
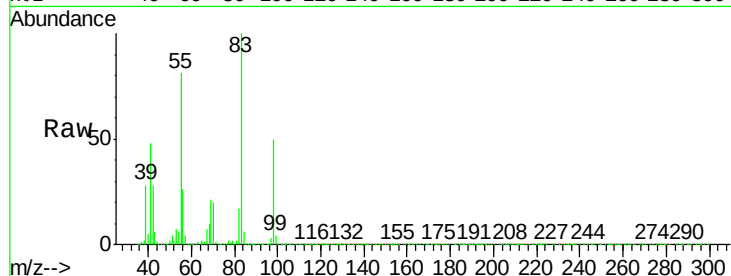
#39
Methylvlcyclohexane
Concen: 47.034 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	49.8	39.3	58.9

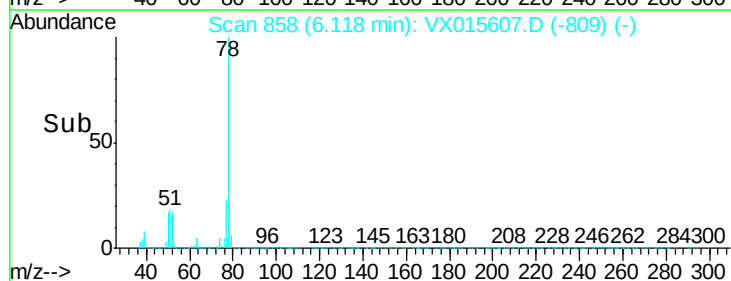
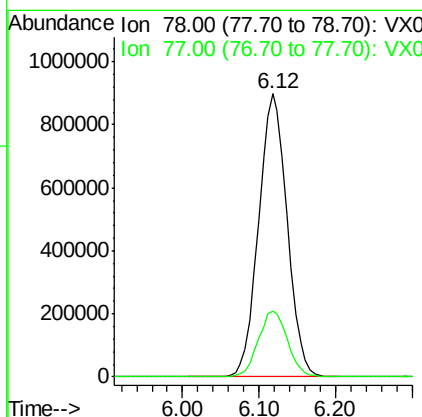
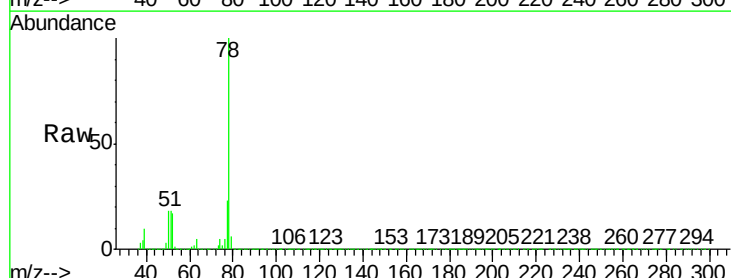
Manual Integrations
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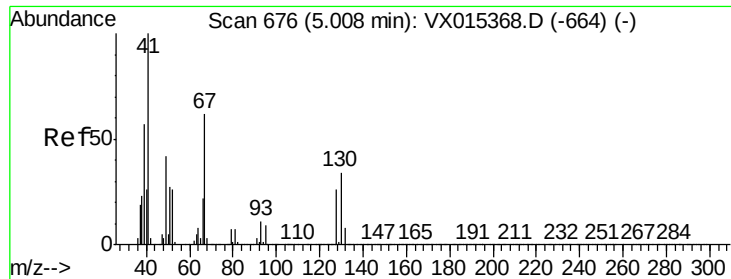
sam
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#40
Benzene
Concen: 48.028 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8





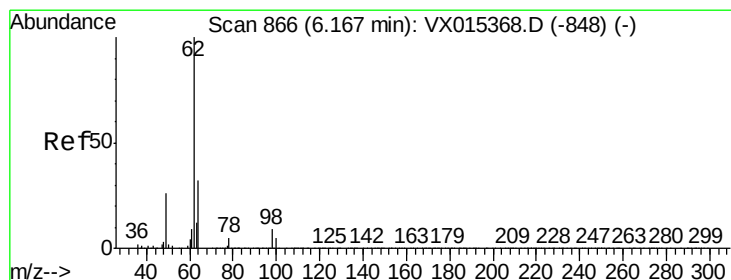
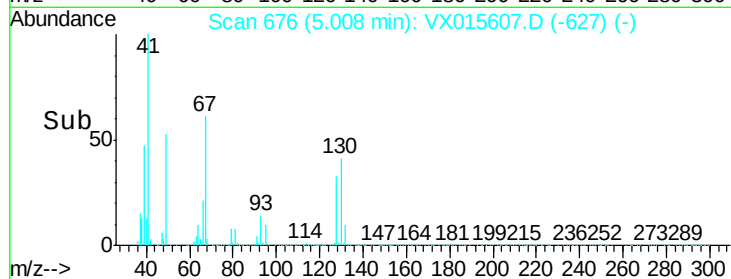
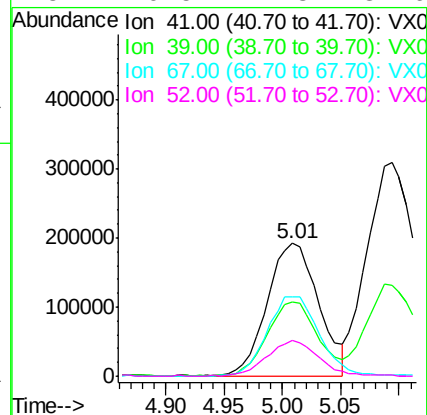
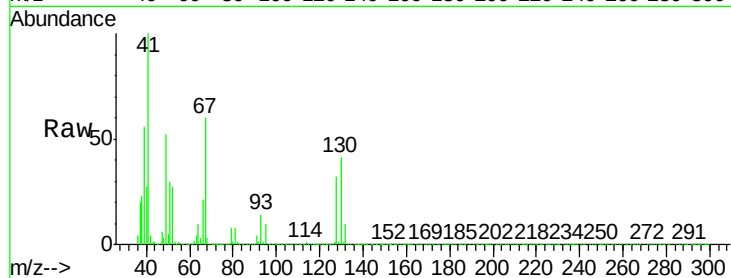
#41
Methacrylonitrile
Concen: 48.850 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		586702		
39	55.1	44.5	66.7		
67	60.8	48.9	73.3		
52	26.5	21.8	32.6		

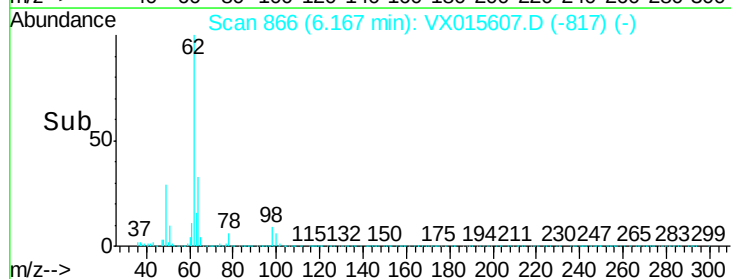
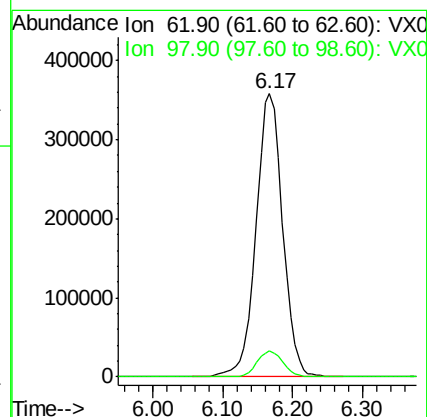
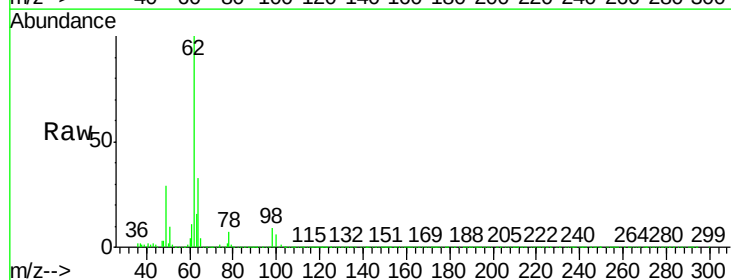
Manual Integrations
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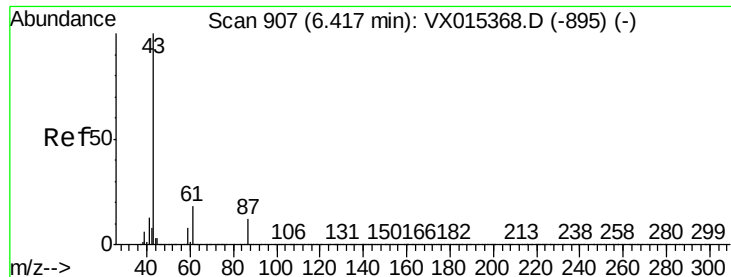
sam
4/10/2020 2:13:19 PM



#42
1,2-Dichloroethane
Concen: 48.206 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		942493		
98	8.9	0.0	17.6		





#43

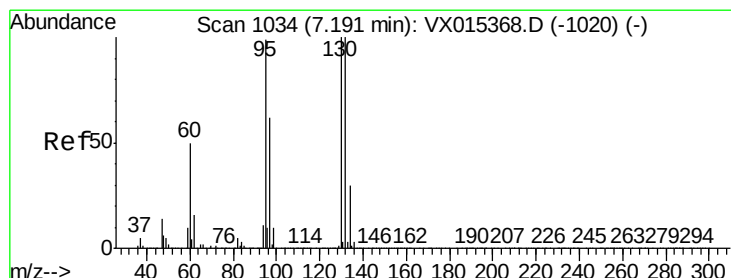
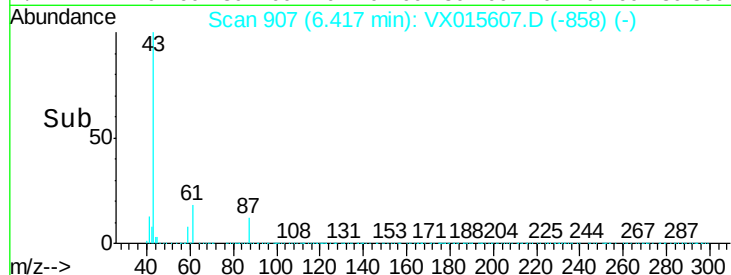
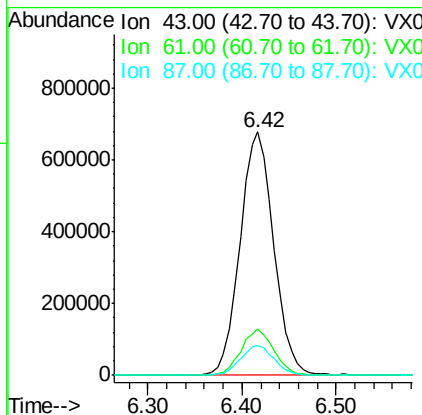
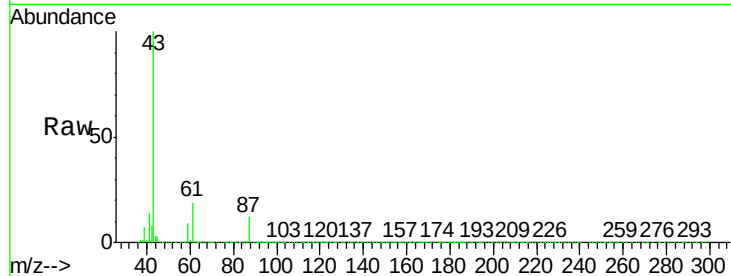
Isopropyl Acetate
 Concen: 46.165 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampled :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.8	22.2
87	12.2	9.4	14.0

Manual Integrations
 APPROVED

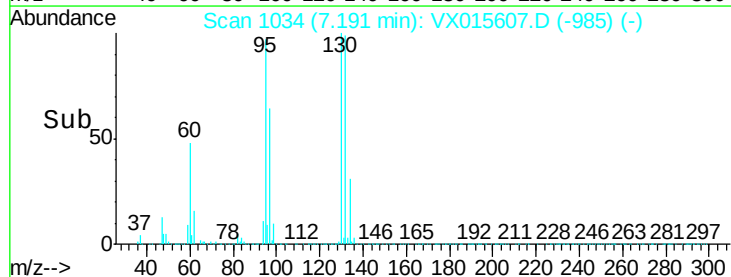
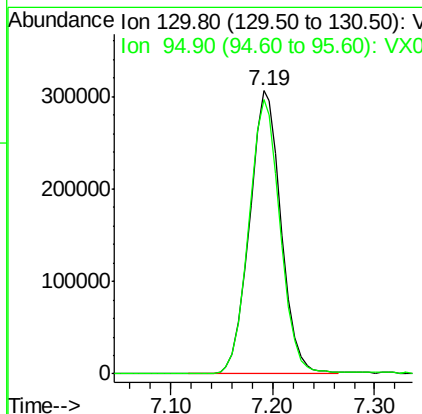
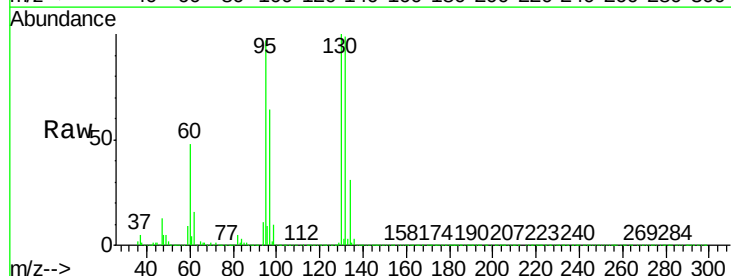
sam
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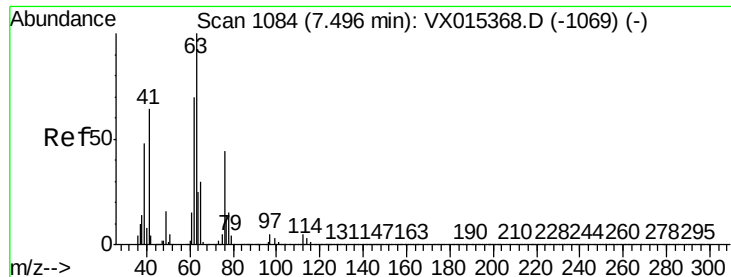


#44

Trichloroethene
 Concen: 49.426 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	199.0





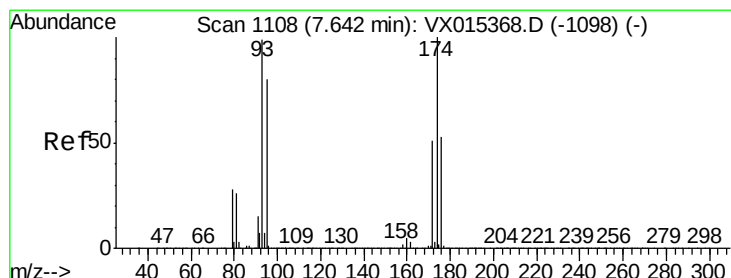
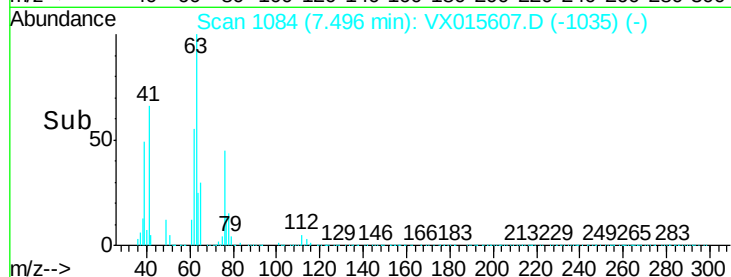
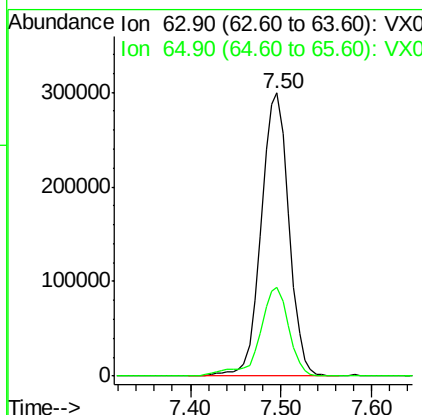
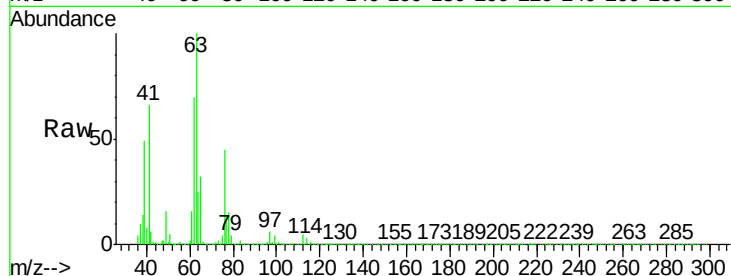
#45
 1,2-Dichloropropane
 Concen: 47.085 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.9	35.9

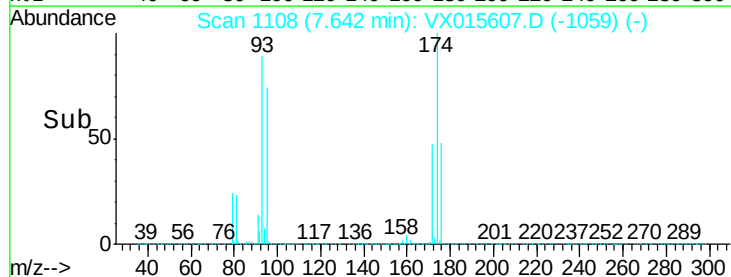
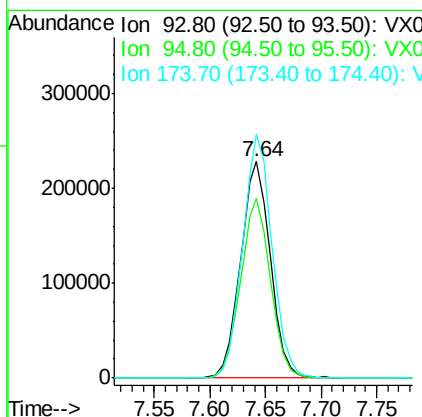
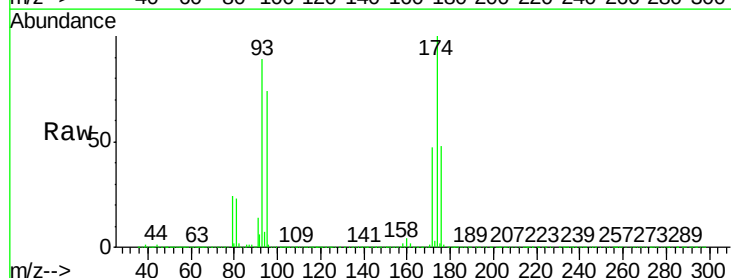
Manual Integrations
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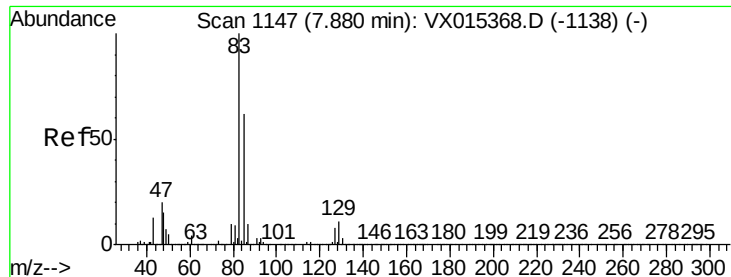
sam
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#46
 Dibromomethane
 Concen: 48.370 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.8
174	112.0	86.2	129.2





#47

Bromodichloromethane

Concen: 47.990 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

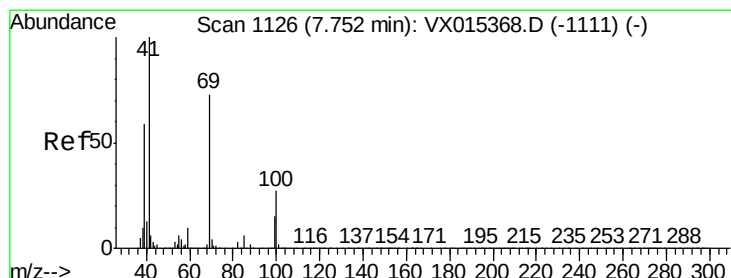
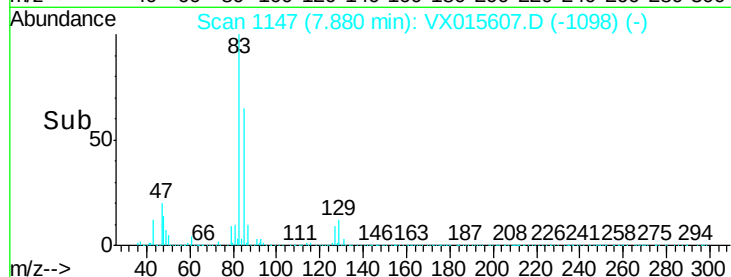
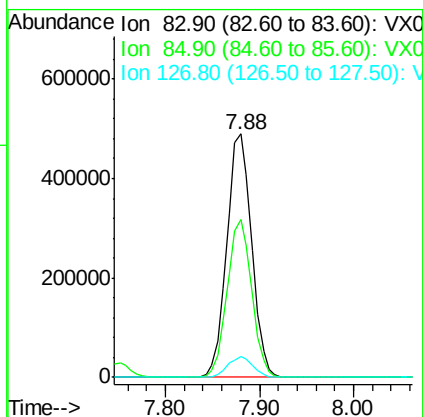
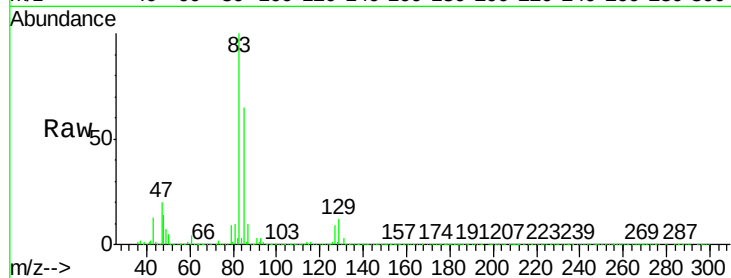
ClientSampleId :

MW-1DMS

Tot Ion:	83	Resp:	893159
Ion Ratio	Lower	Upper	
83	100		
85	64.8	49.7	74.5
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.498 ug/l

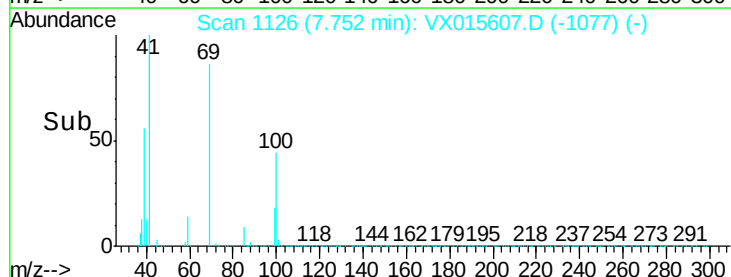
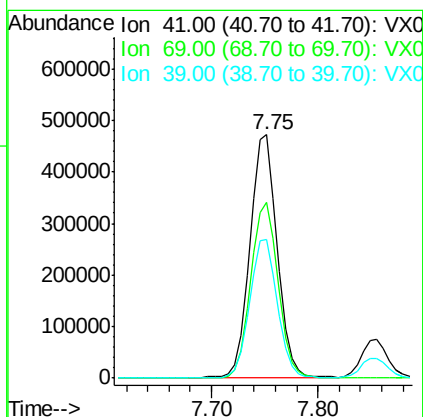
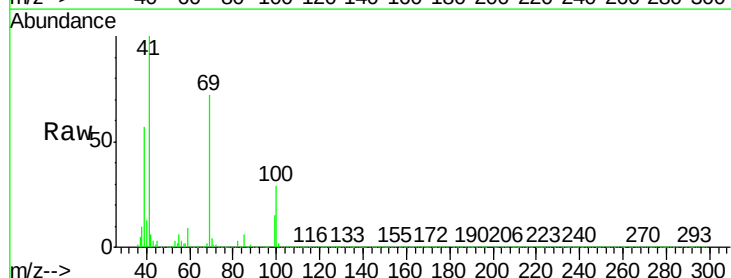
RT: 7.75 min Scan# 1126

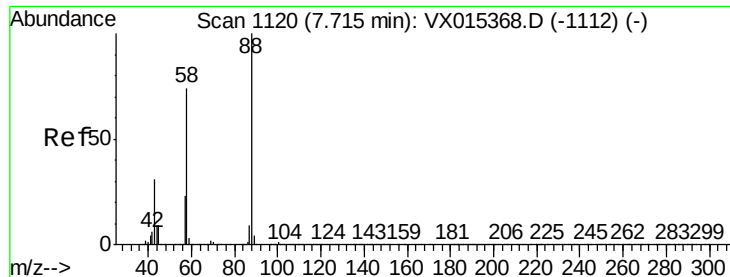
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	41	Resp:	848270
Ion Ratio	Lower	Upper	
41	100		
69	72.4	56.7	85.1
39	57.8	46.5	69.7





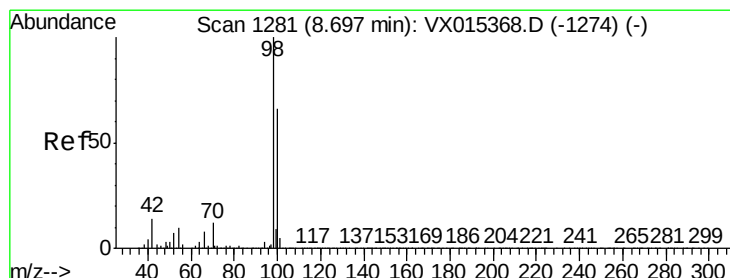
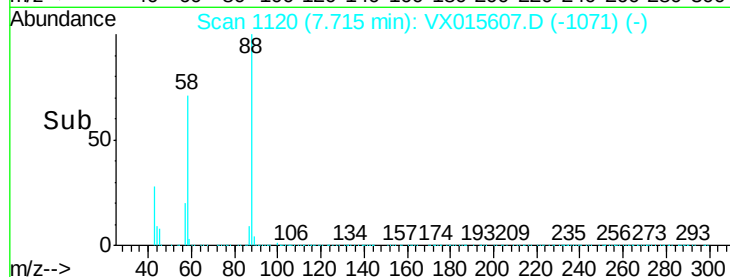
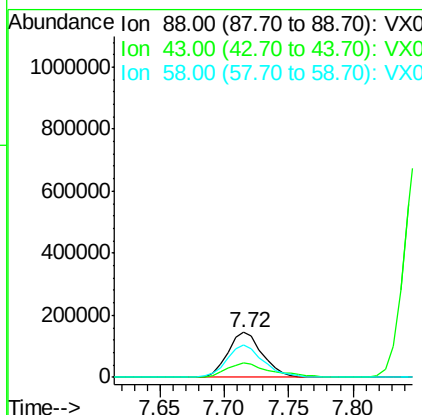
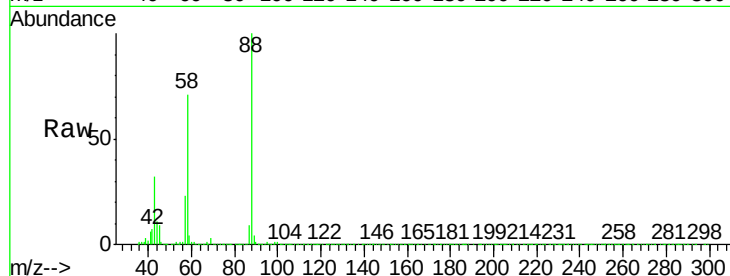
#49
1,4-Dioxane
Concen: 798.443 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.1	45.1
58	75.0	60.6	90.8

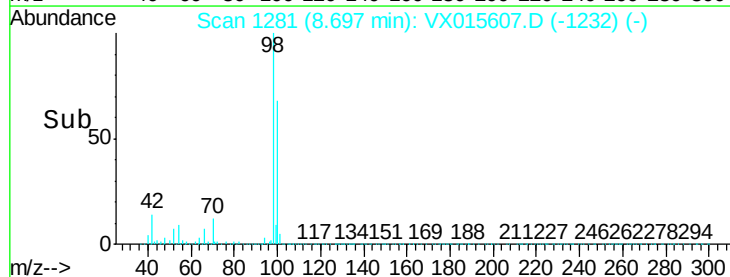
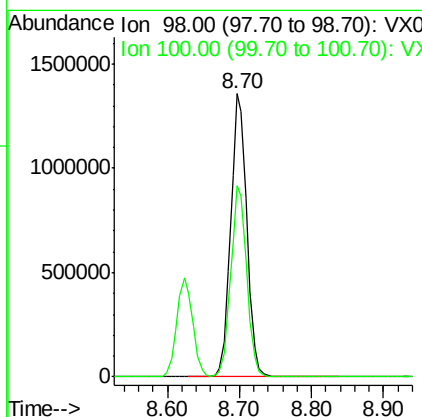
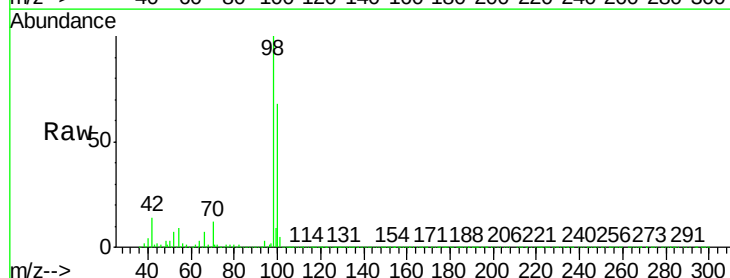
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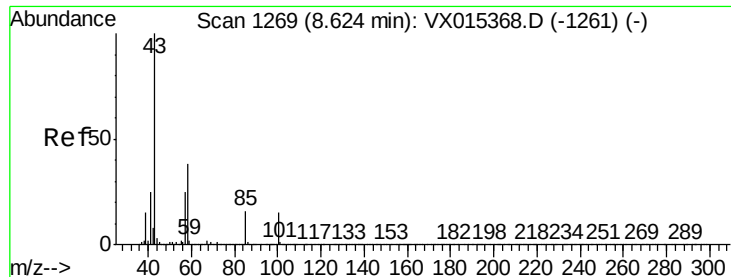
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#50
Toluene-d8
Concen: 50.024 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.5	80.3





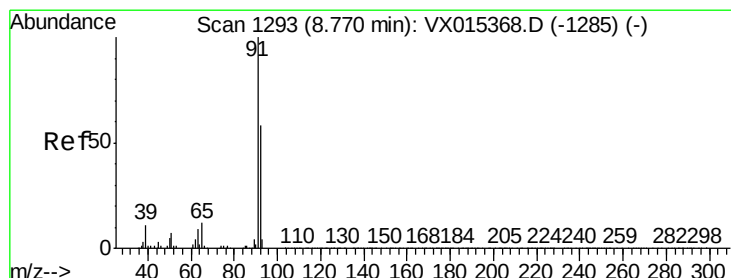
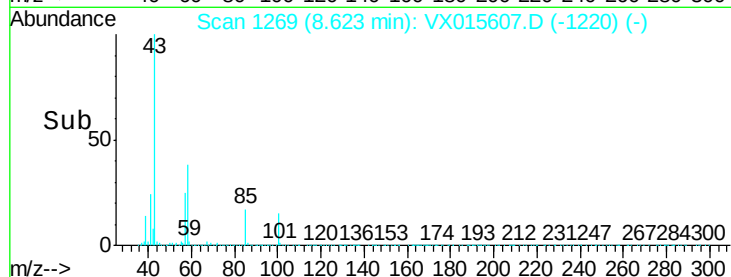
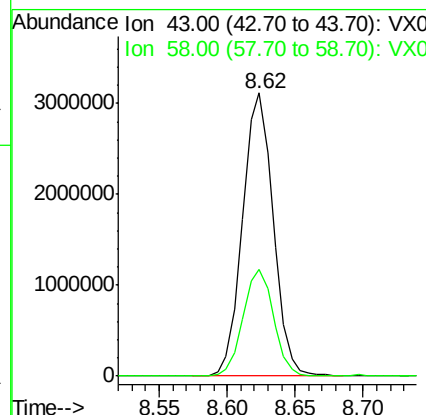
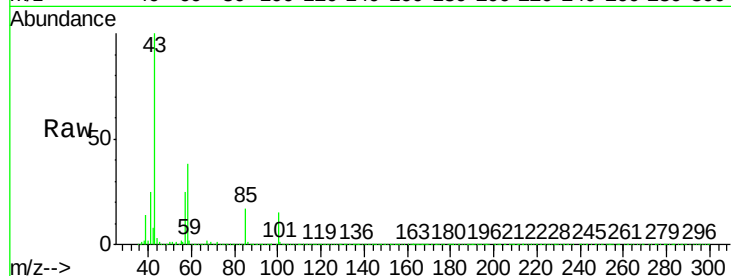
#51
4-Methyl-2-Pentanone
Concen: 237.076 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion: 43 Resp: 4907123
Ion Ratio Lower Upper
43 100
58 37.4 29.7 44.5

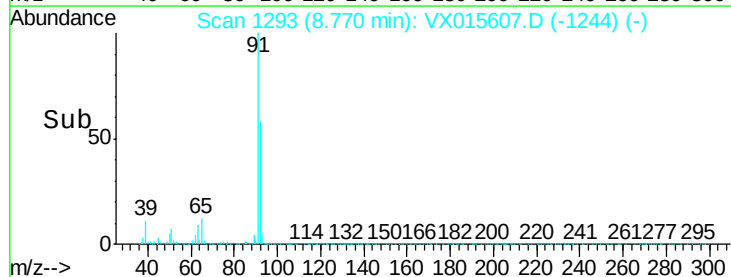
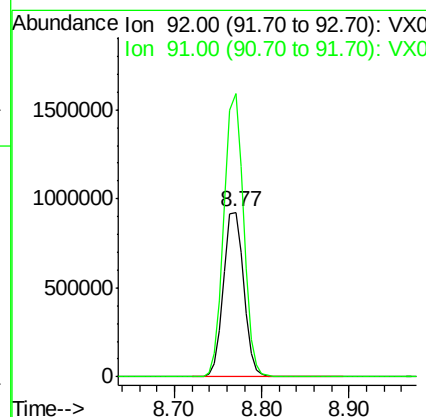
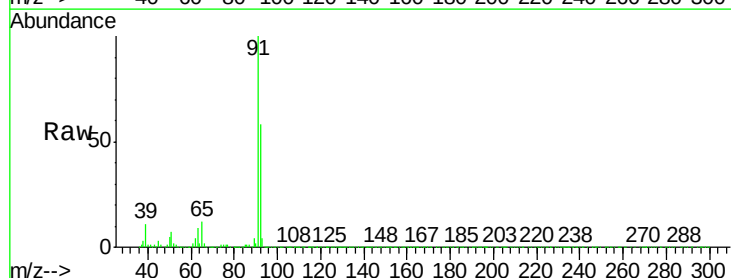
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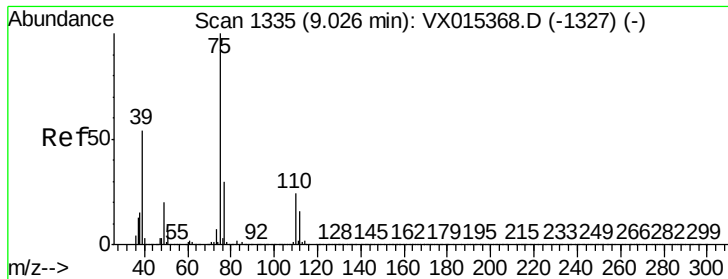
sam
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#52
Toluene
Concen: 49.219 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion: 92 Resp: 1476993
Ion Ratio Lower Upper
92 100
91 167.4 136.6 205.0





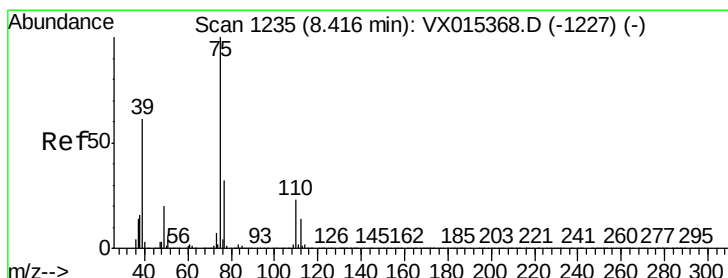
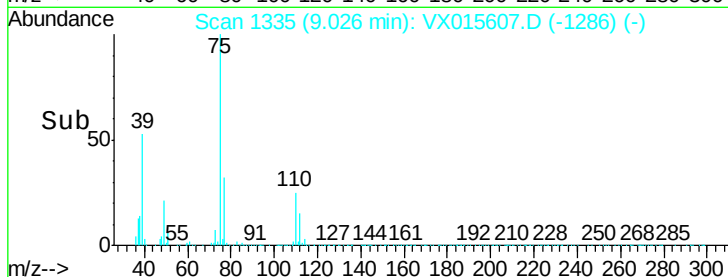
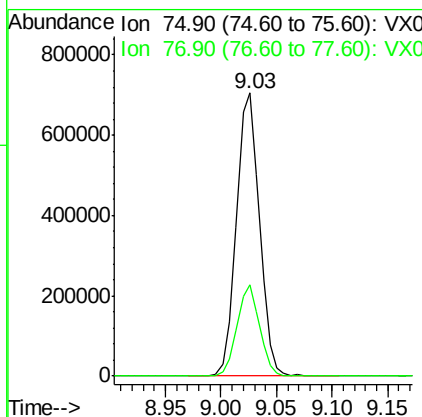
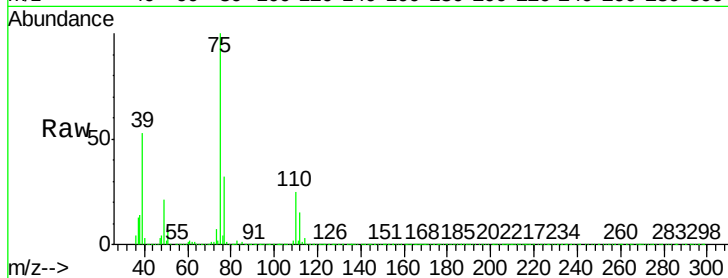
#53
t-1,3-Dichloropropene
Concen: 46.238 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion: 75 Resp: 1009281
Ion Ratio Lower Upper
75 100
77 32.1 24.1 36.1

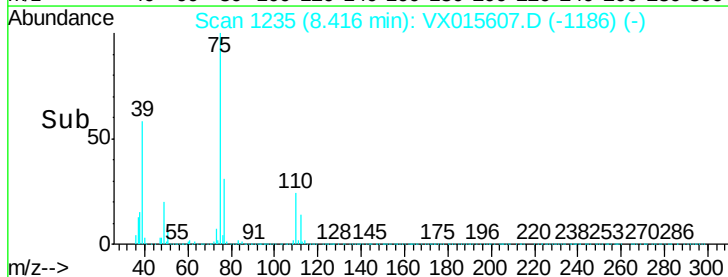
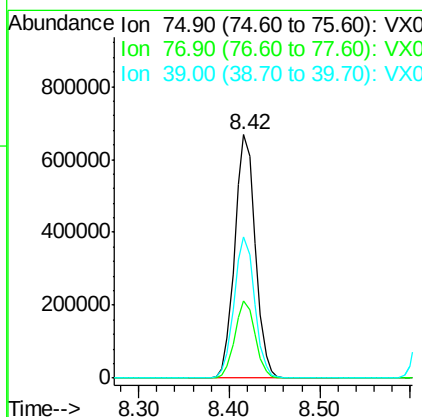
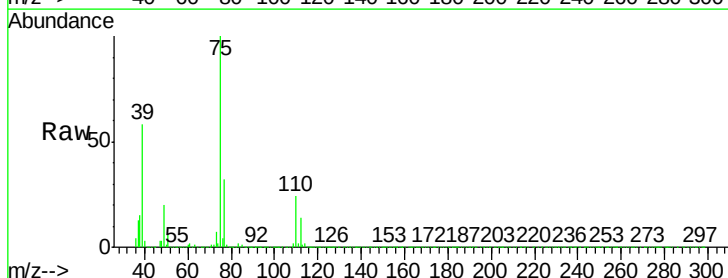
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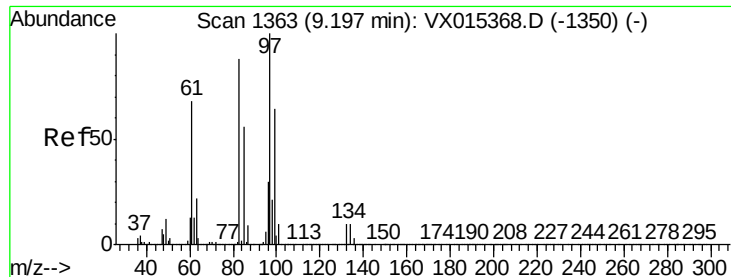
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#54
cis-1,3-Dichloropropene
Concen: 47.308 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion: 75 Resp: 1051911
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 58.0 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 48.963 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

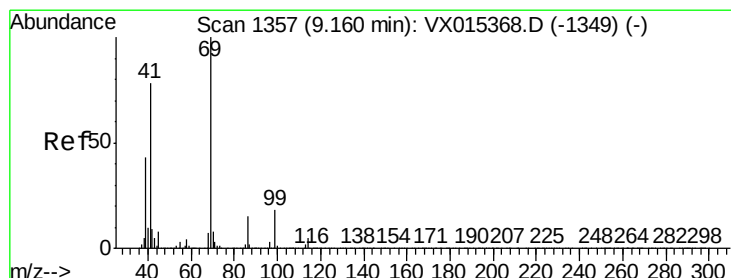
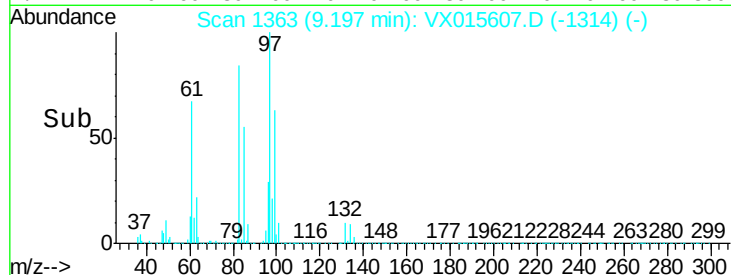
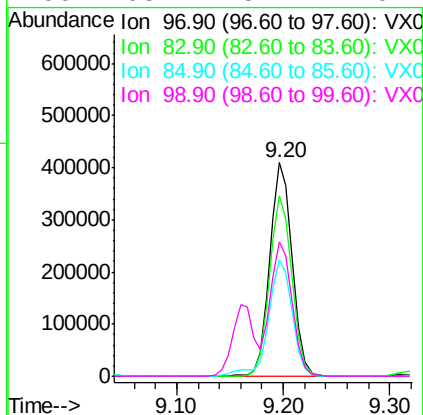
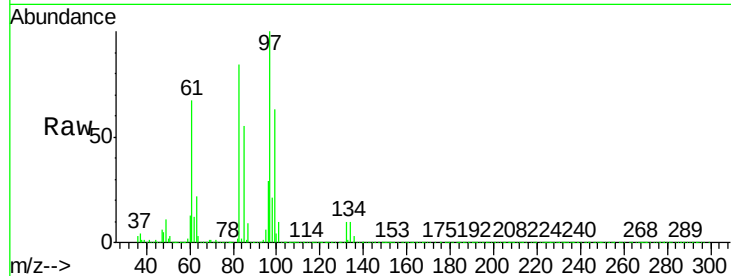
ClientSampleId :

MW-1DMS

Tot Ion:	97	Resp:	601986
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.4
85	54.7	44.7	67.1
99	63.2	51.1	76.7

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#56

Ethyl methacrylate

Concen: 47.952 ug/l

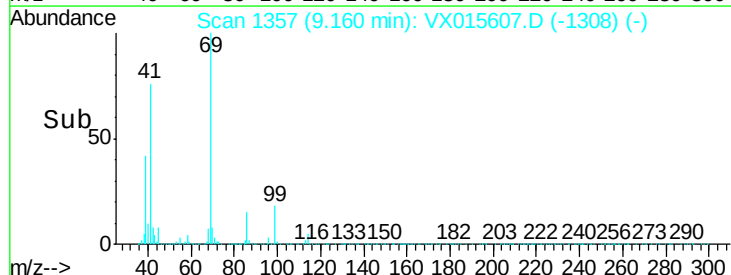
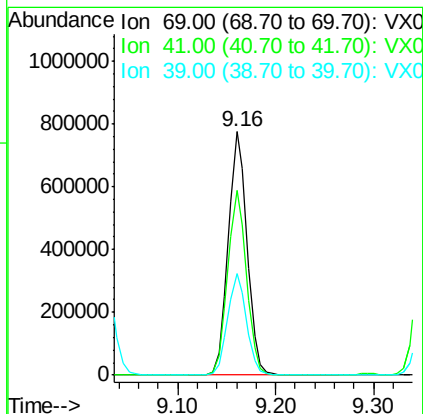
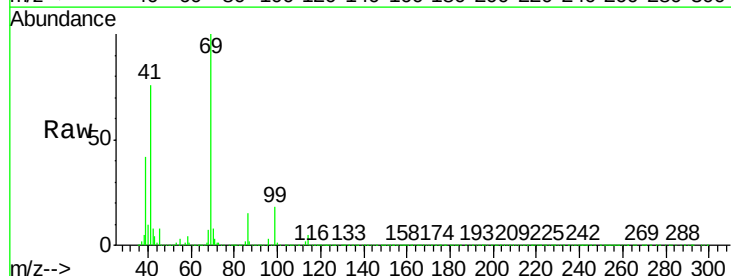
RT: 9.16 min Scan# 1357

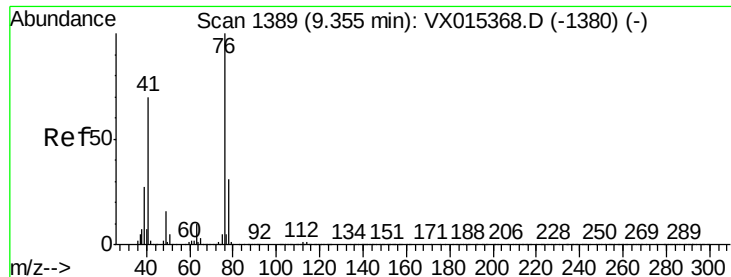
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	69	Resp:	1039008
Ion	Ratio	Lower	Upper
69	100		
41	75.7	61.6	92.4
39	41.8	34.0	51.0





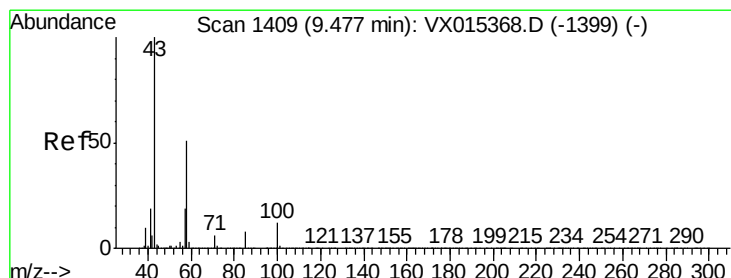
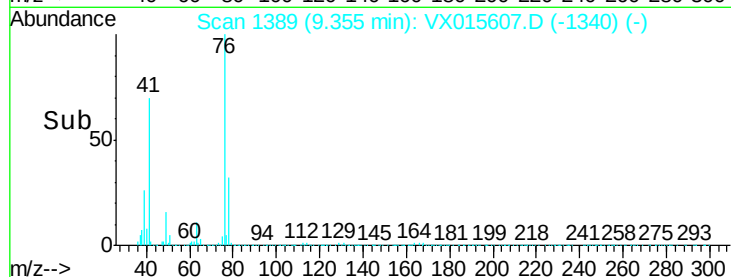
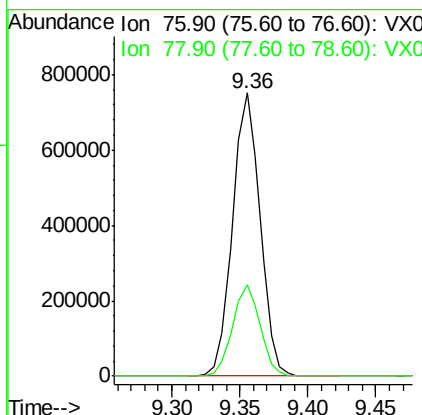
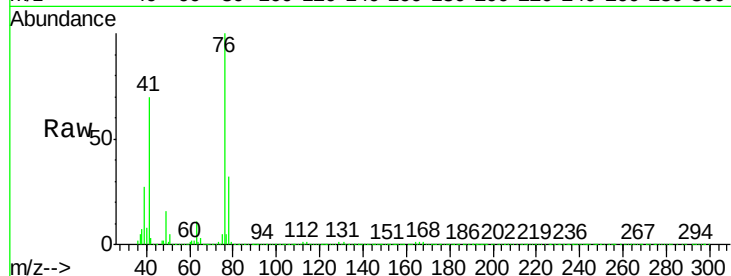
#57
 1,3-Dichloropropane
 Concen: 47.725 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion: 76 Resp: 1057174
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

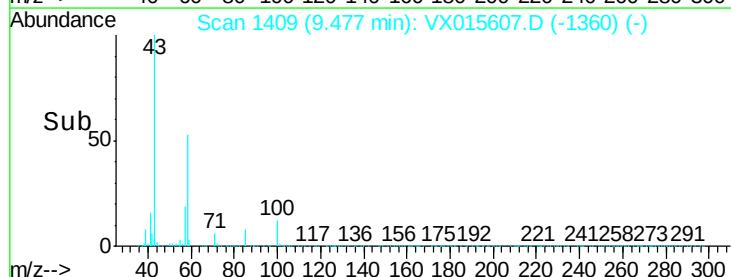
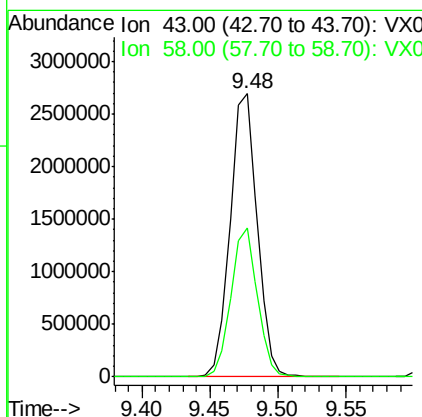
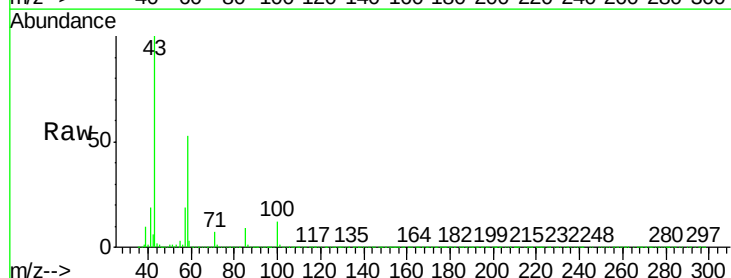
Manual Integrations
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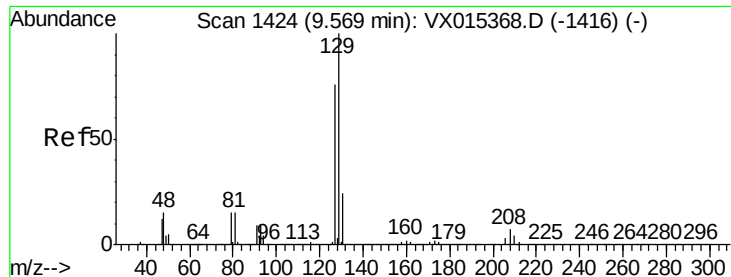
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#59
 2-Hexanone
 Concen: 238.260 ug/l
 RT: 9.48 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion: 43 Resp: 3723268
 Ion Ratio Lower Upper
 43 100
 58 51.5 25.6 76.6





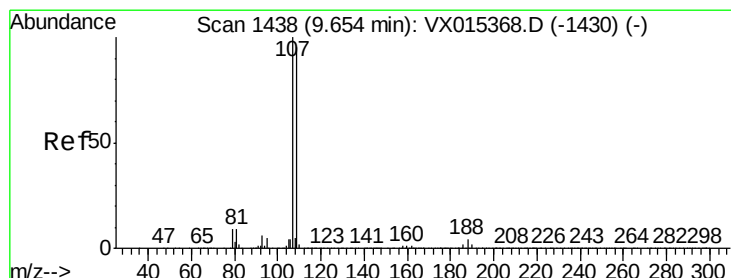
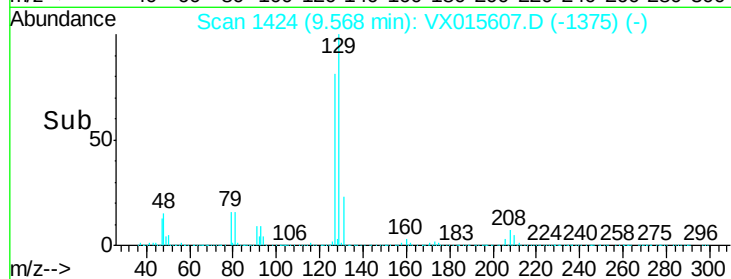
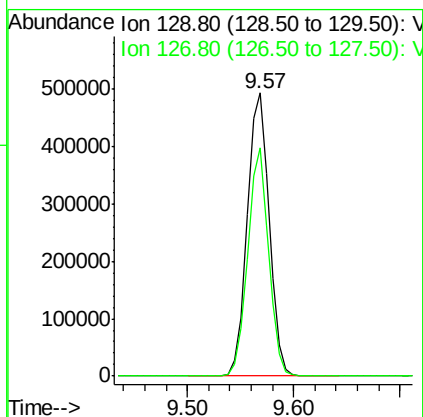
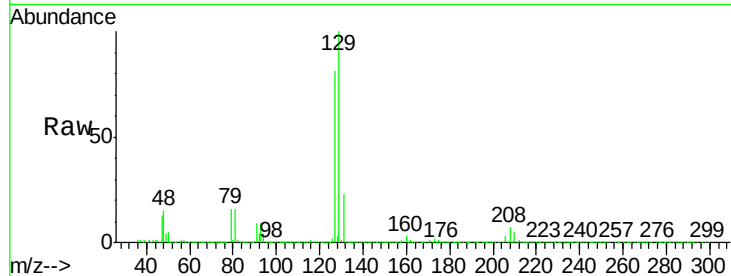
#60
Dibromochloromethane
Concen: 48.393 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DMS

Tot Ion:129 Resp: 714946
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6

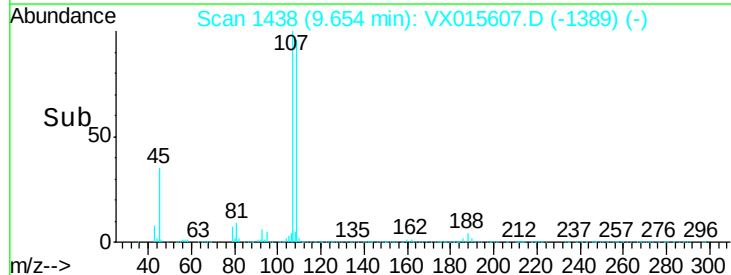
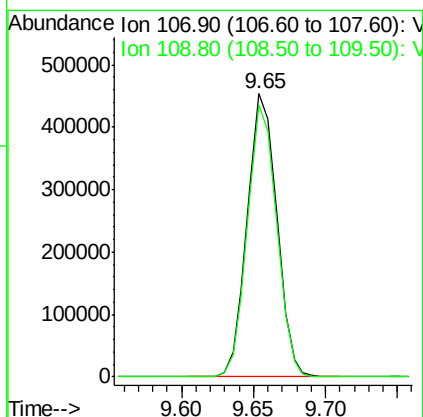
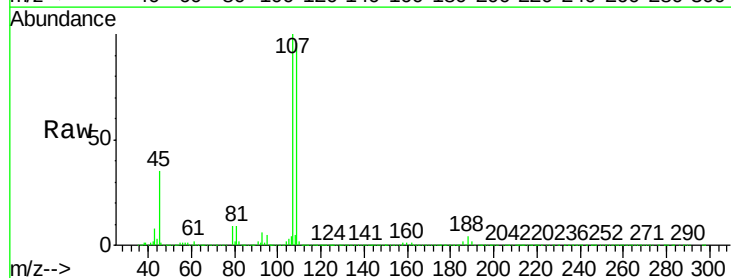
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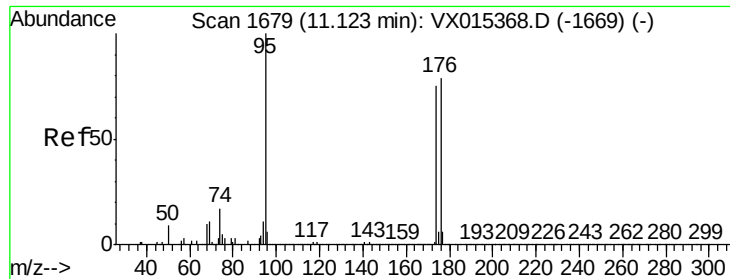
sam
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#61
1,2-Dibromoethane
Concen: 48.201 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion:107 Resp: 644378
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2





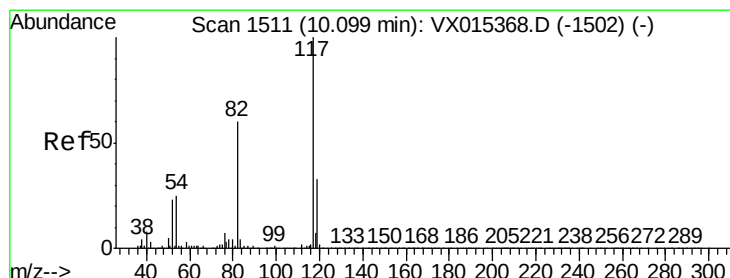
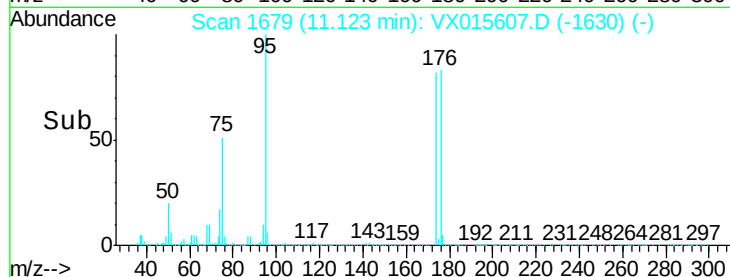
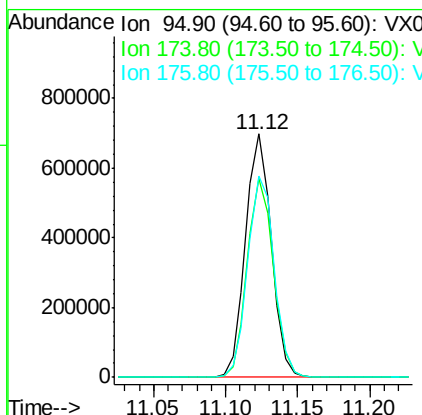
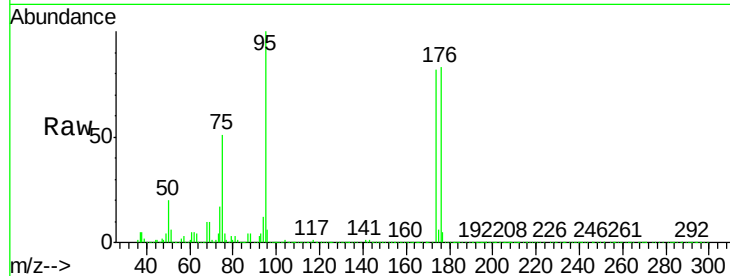
#62
4-Bromofluorobenzene
Concen: 50.236 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	866509		
174	82.9	0.0	158.6	
176	84.5	0.0	159.0	

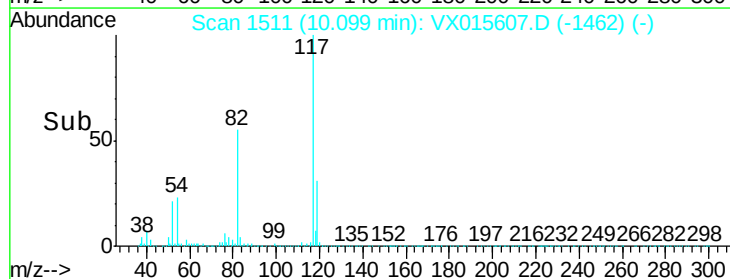
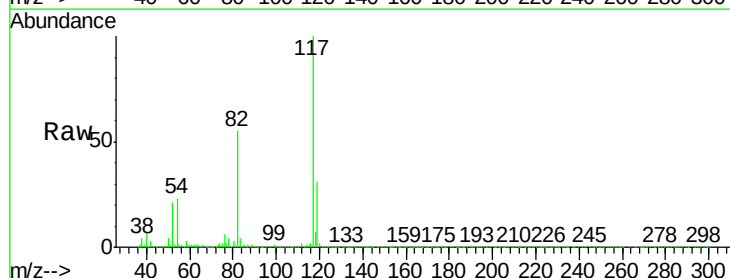
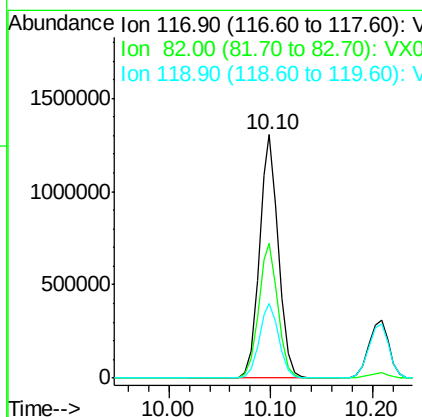
Manual Integrations
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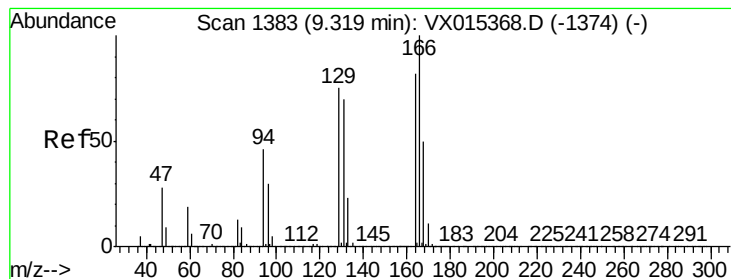
sam
4/10/2020 2:13:19 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1692892		
82	55.1	47.8	71.8	
119	30.5	26.8	40.2	





#64

Tetrachloroethene

Concen: 46.279 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

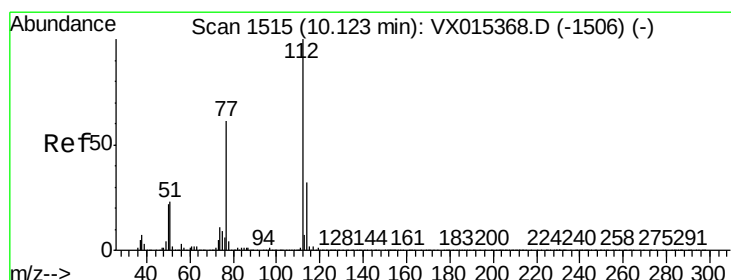
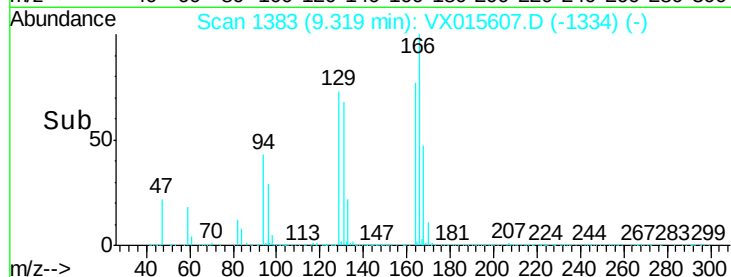
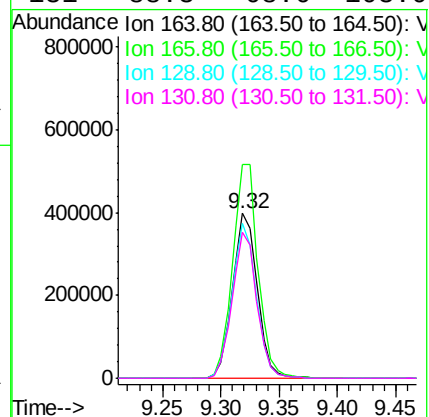
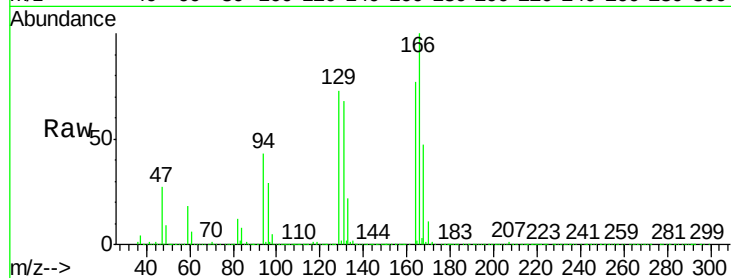
ClientSampleId :

MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.8	97.8	146.6	
129	94.1	73.0	109.4	
131	88.3	68.6	103.0	

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#65

Chlorobenzene

Concen: 48.318 ug/l

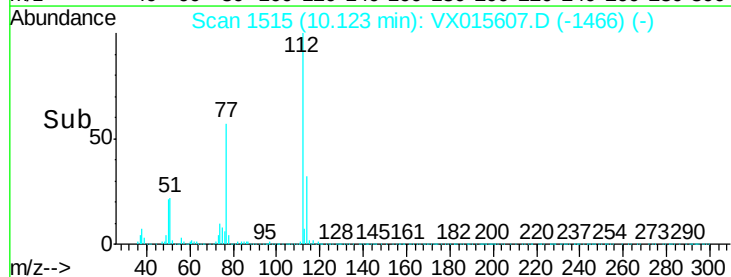
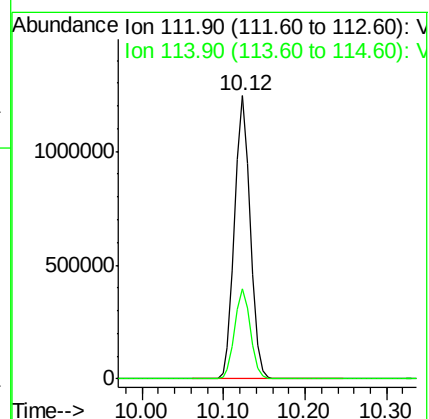
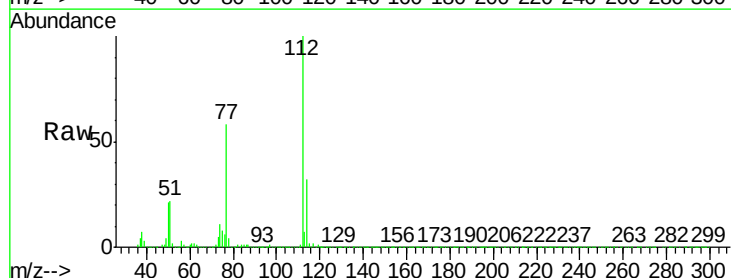
RT: 10.12 min Scan# 1515

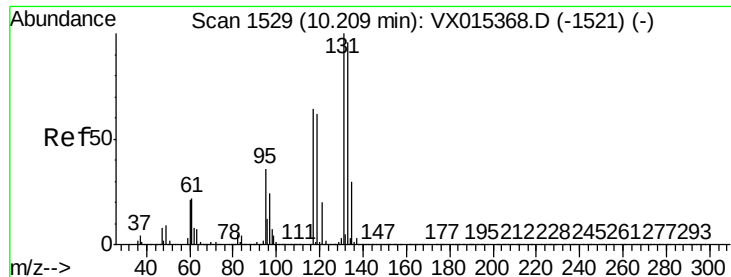
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	25.5	38.3	





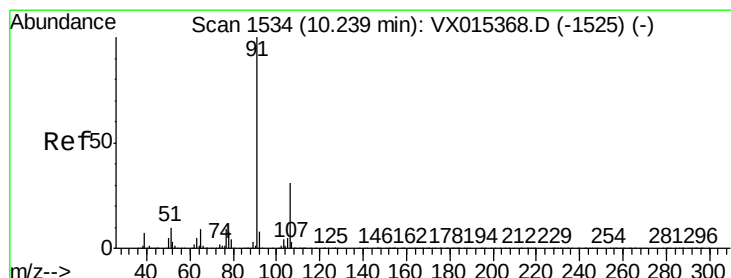
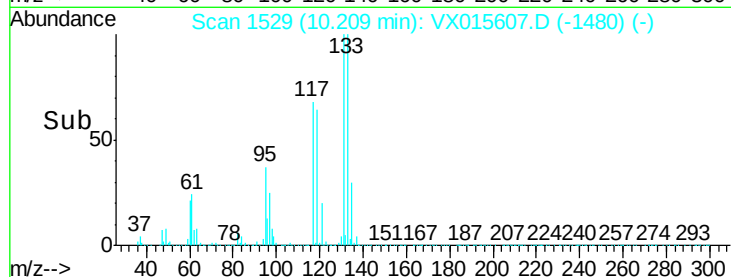
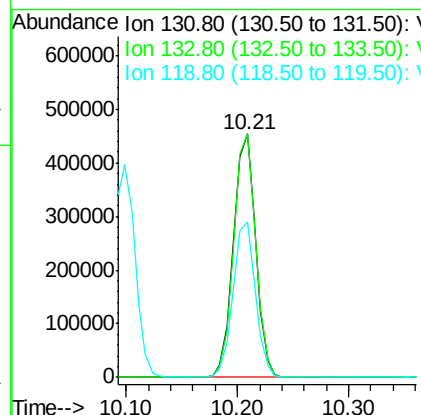
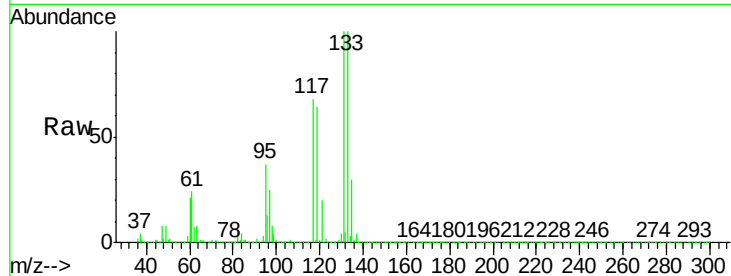
#66
 1,1,1,2-Tetrachloroethane
 Concen: 46.333 ug/l
 RT: 10.21 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	624929		
133	99.2	47.6	142.9	
119	64.1	31.1	93.3	

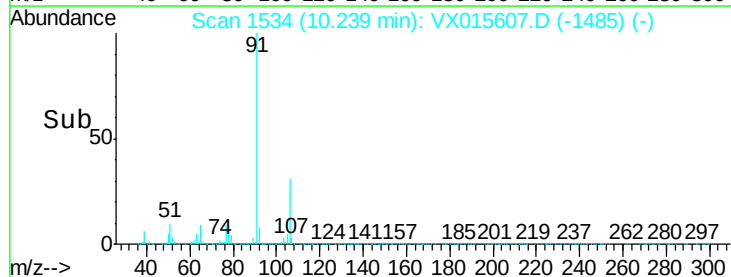
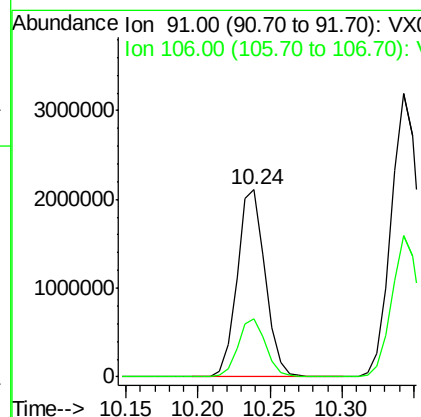
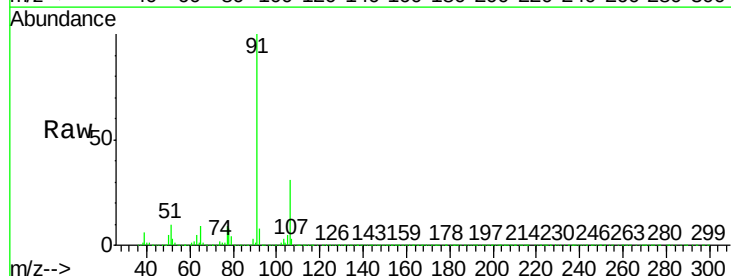
Manual Integrations
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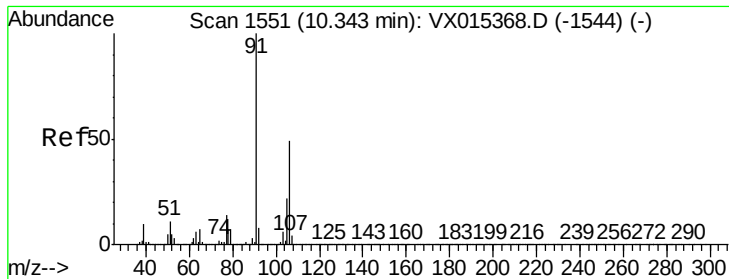
sam
 4/10/2020 2:13:19 PM



#67
 Ethyl Benzene
 Concen: 47.790 ug/l
 RT: 10.24 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2861606		
106	31.2	24.8	37.2	





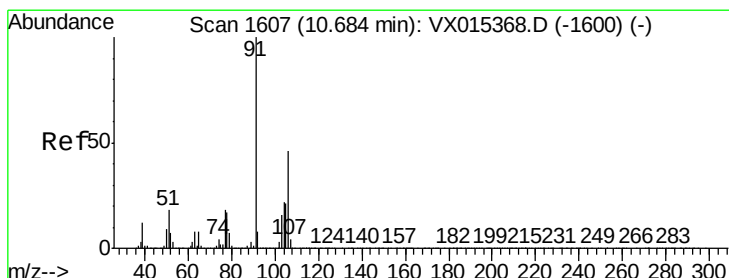
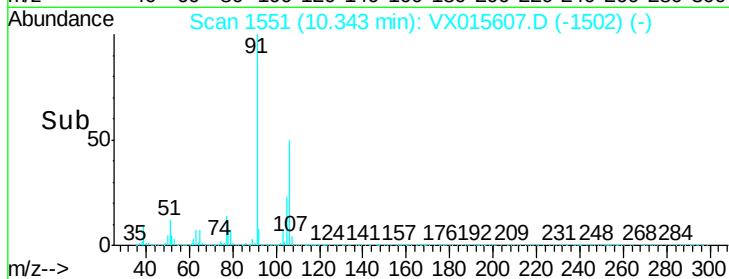
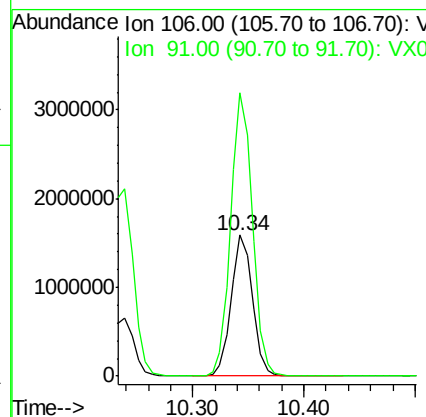
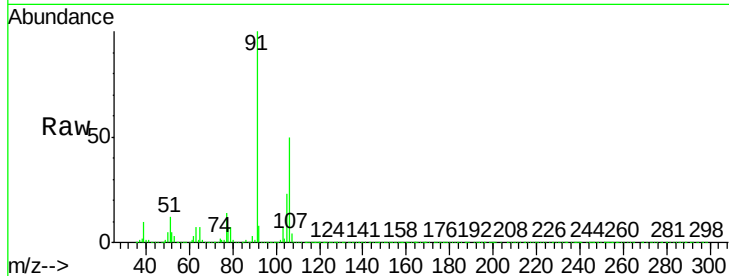
#68
m/p-Xylenes
Concen: 94.826 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion:106 Resp: 2114334
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.0

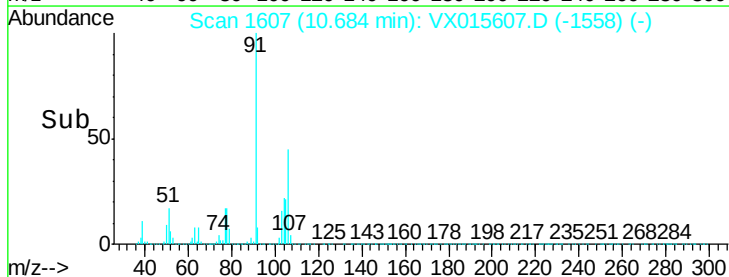
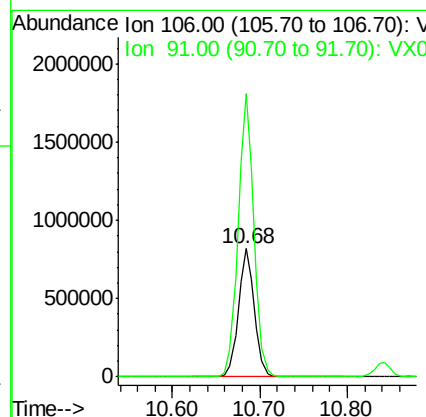
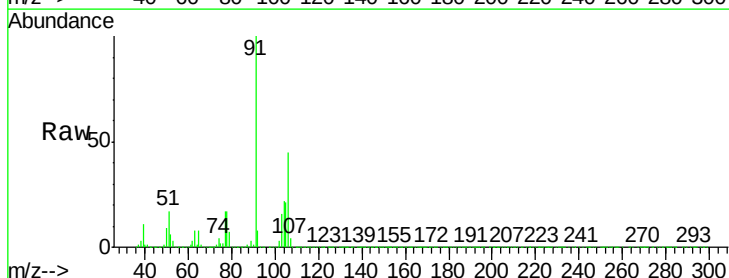
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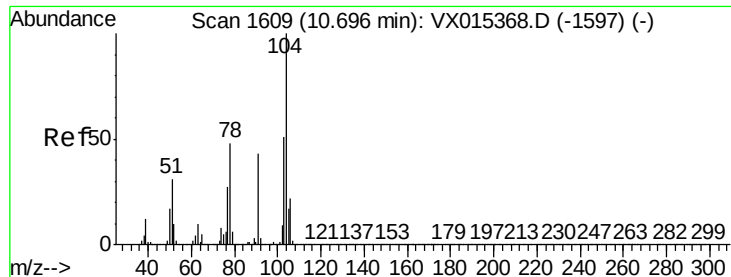
sam
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#69
o-Xylene
Concen: 47.215 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion:106 Resp: 1040293
Ion Ratio Lower Upper
106 100
91 218.7 107.1 321.3





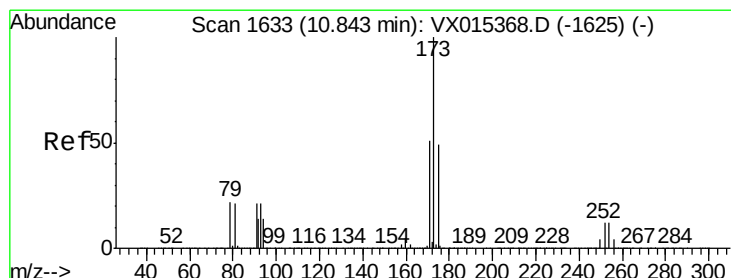
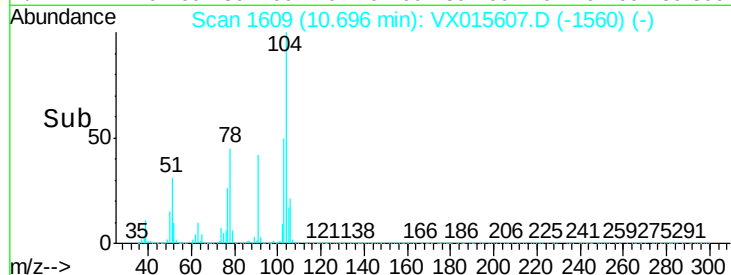
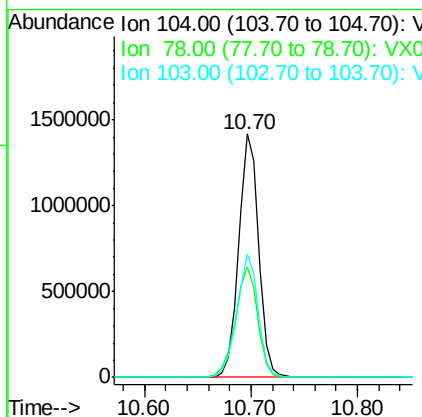
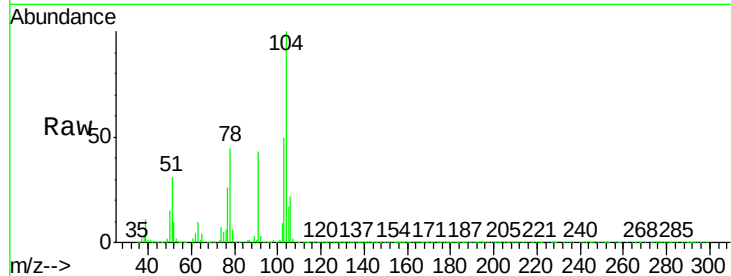
#70
Stvrene
Concen: 48.053 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.7	42.0	63.0
103	53.6	43.4	65.0

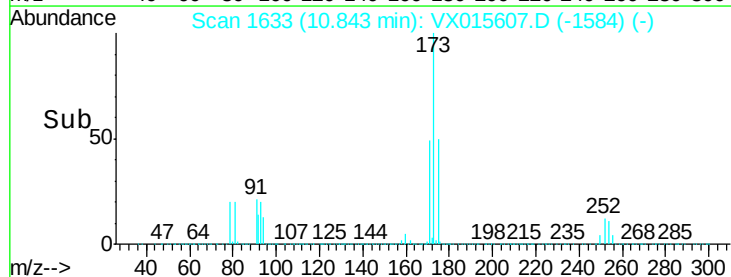
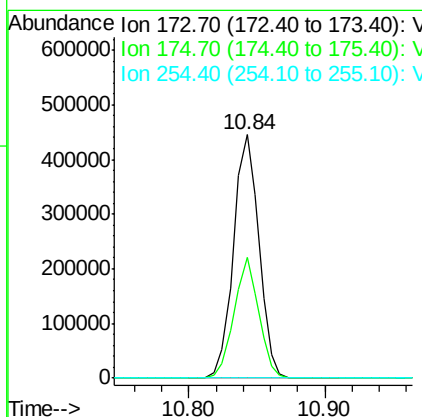
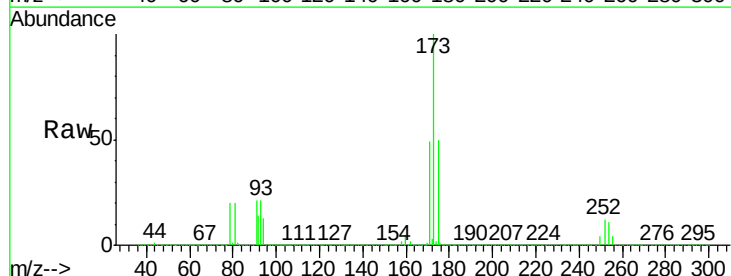
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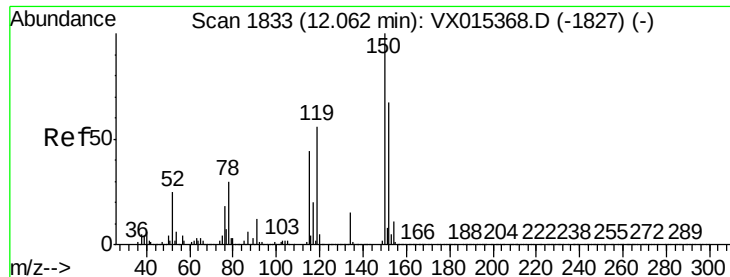
sam
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#71
Bromoform
Concen: 47.078 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.7
254	0.1	0.1	0.1#





#72

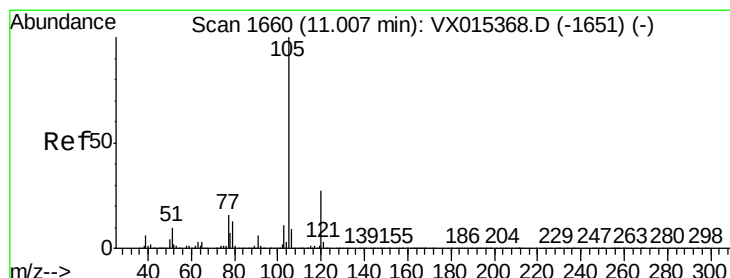
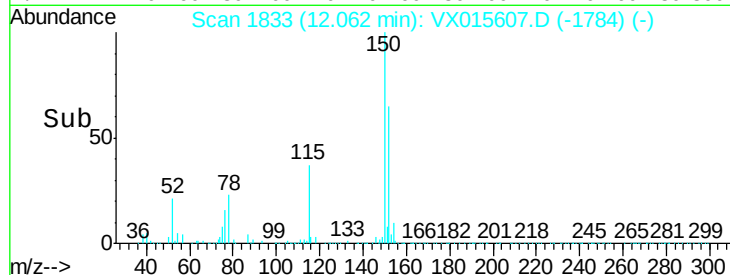
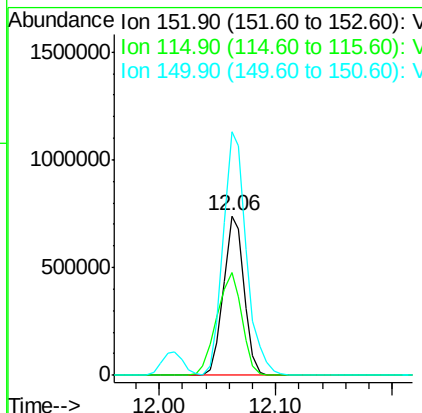
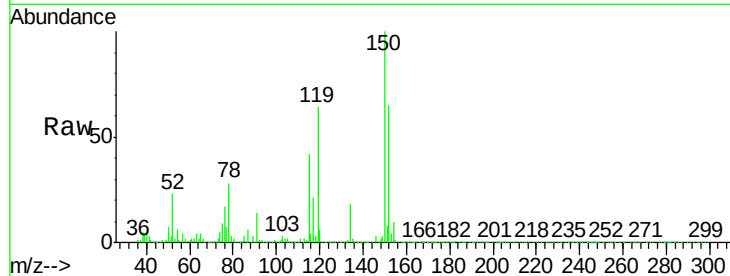
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	896977		
115	78.5	39.0	116.9	
150	173.0	0.0	340.8	

Manual Integrations
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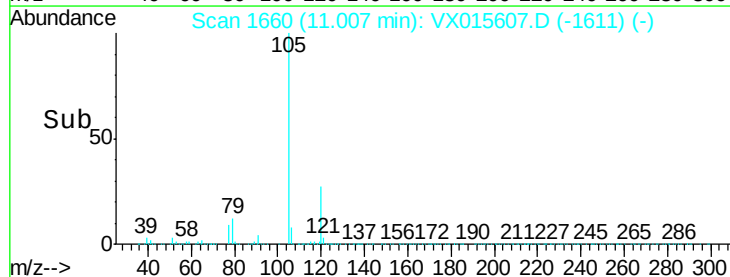
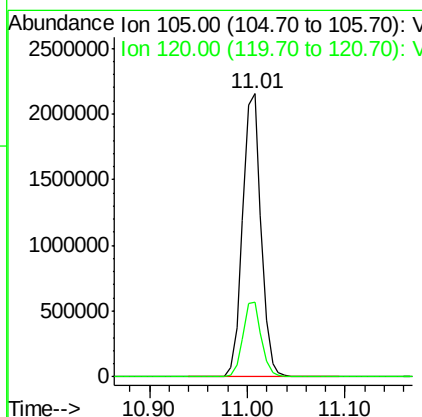
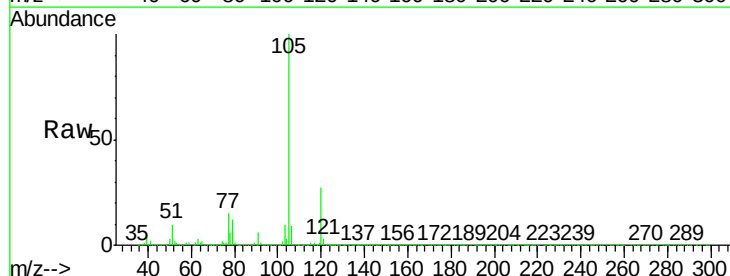
sam
4/10/2020 2:13:19 PM

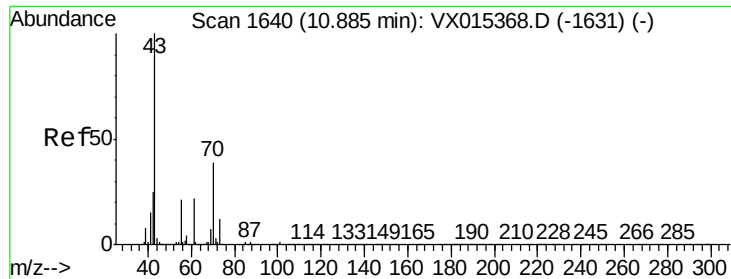


#73

Isopropylbenzene
Concen: 47.805 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2809606		
120	26.5	13.2	39.5	





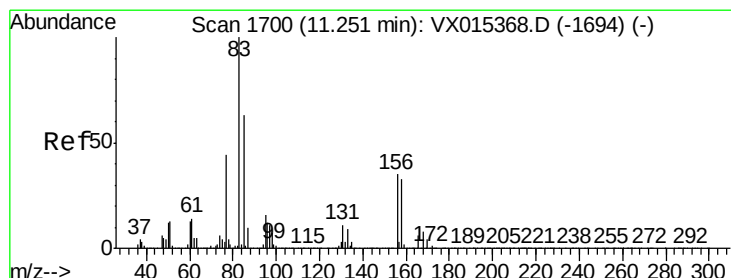
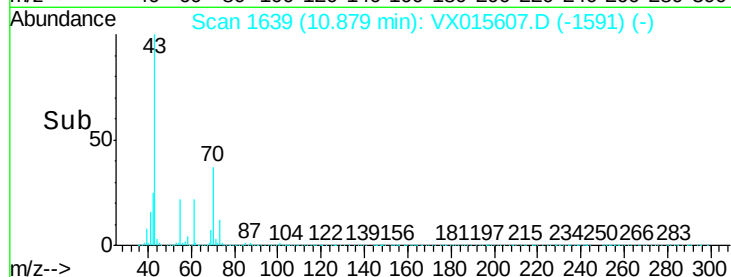
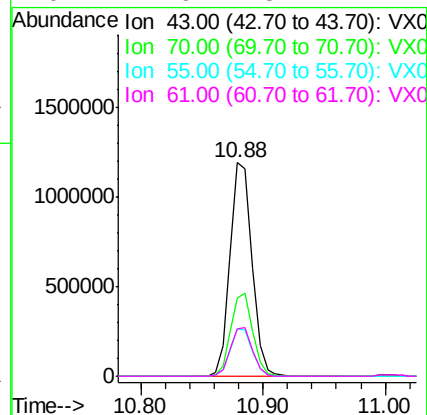
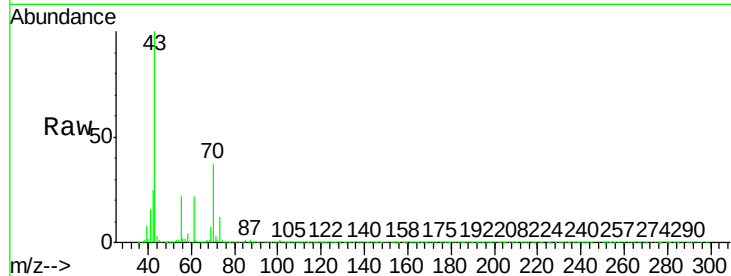
#74
N-amvl acetate
Concen: 44.959 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.01 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion	43	70	55	61
Ratio	100	38.6	22.2	22.9
Lower		30.2	16.8	18.2
Upper		45.4	25.2	27.2

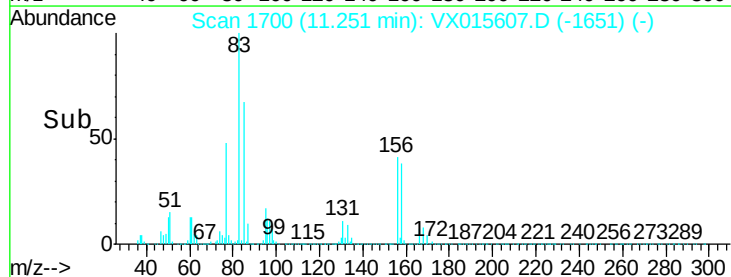
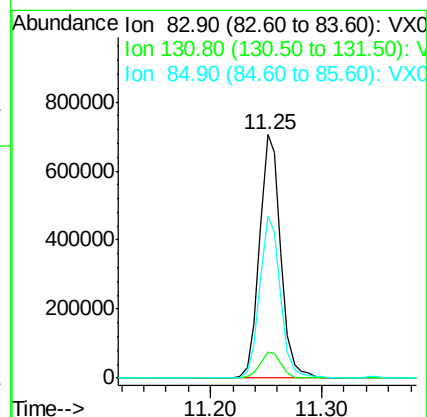
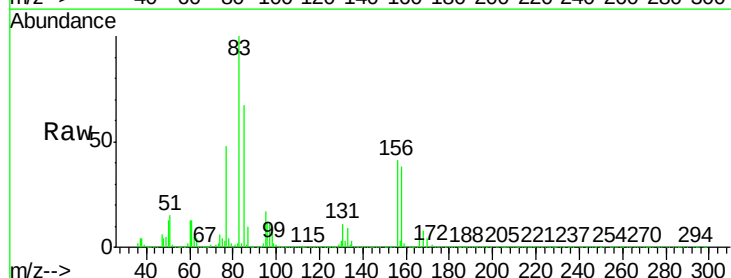
Manual Integrations
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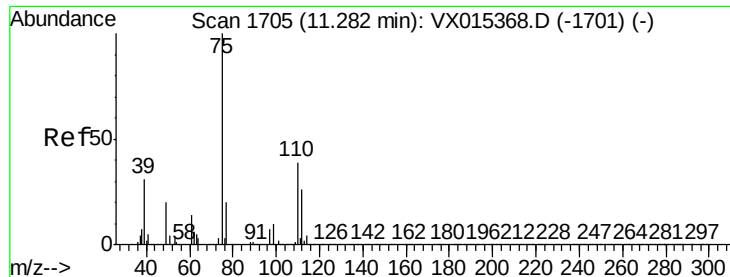
sam
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#75
1,1,2,2-Tetrachloroethane
Concen: 46.222 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion	83	131	85
Ratio	100	10.9	65.0
Lower		5.3	32.0
Upper		16.1	96.0





#76

1,2,3-Trichloropropane

Concen: 46.685 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 75 Resp: 861137

Ion Ratio Lower Upper

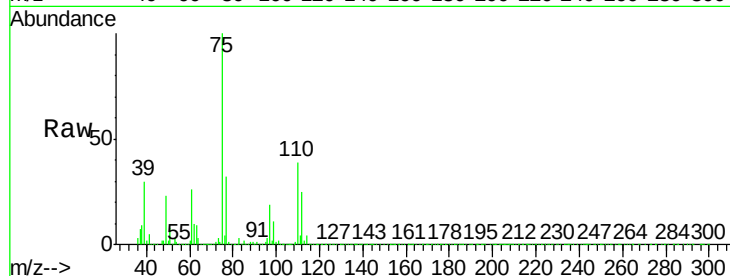
75 100

77 41.8 21.2 63.6

Manual Integrations
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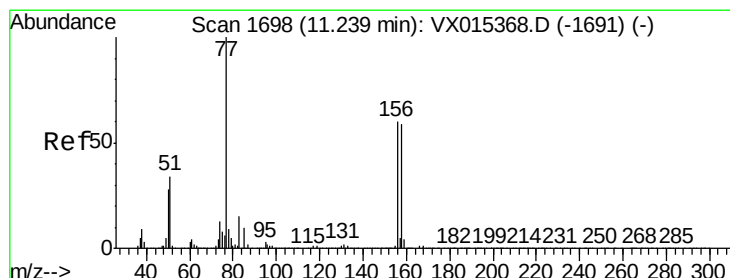
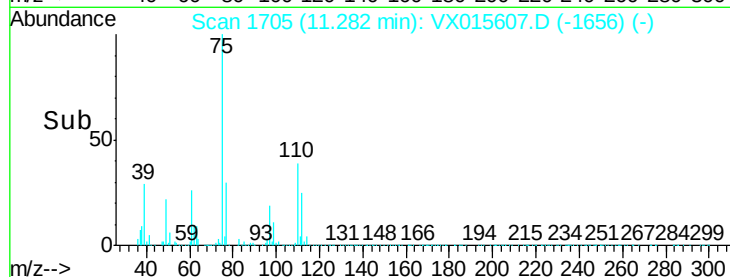
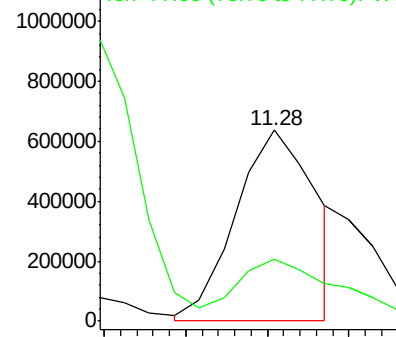
sam

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 47.280 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

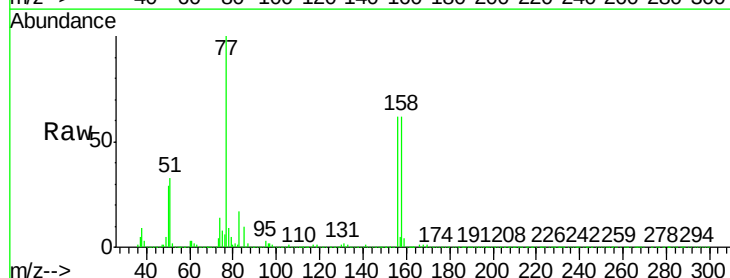
Tgt Ion: 156 Resp: 741192

Ion Ratio Lower Upper

156 100

77 160.0 82.2 246.5

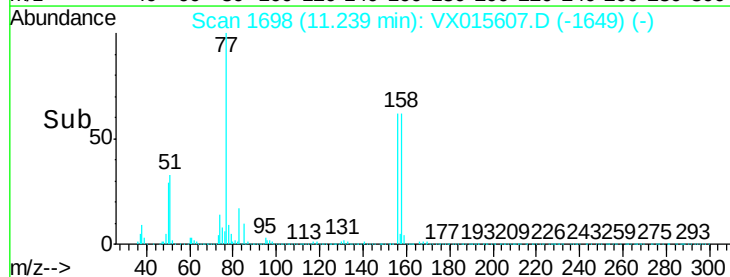
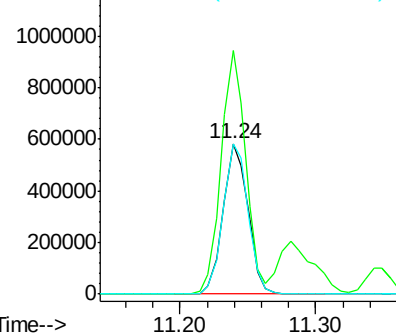
158 100.0 49.3 147.9

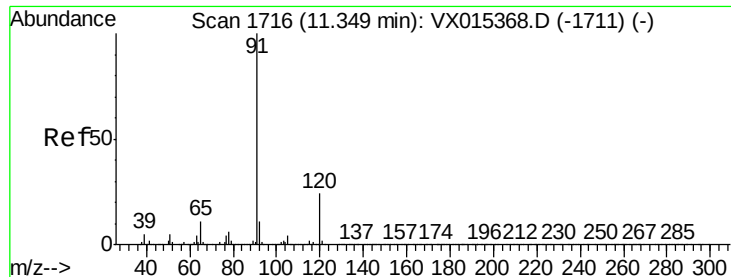


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 48.269 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

ClientSampleId :

MW-1DMS

Tot Ion: 91 Resp: 3243826

Ion Ratio Lower Upper

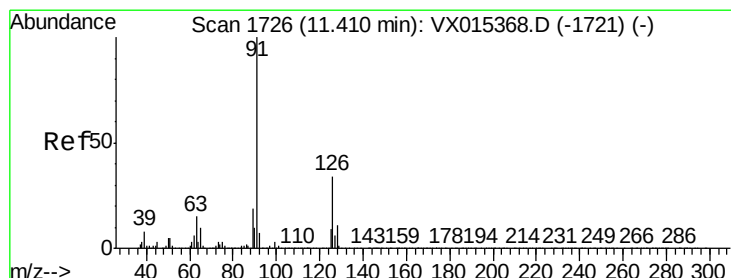
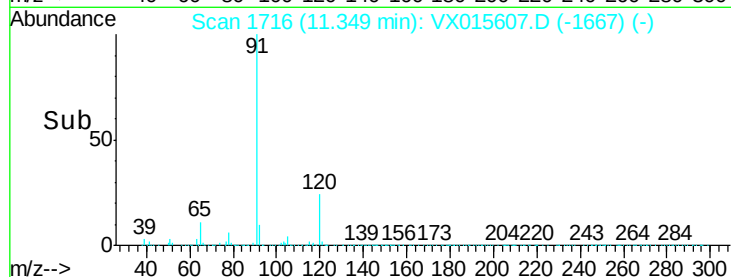
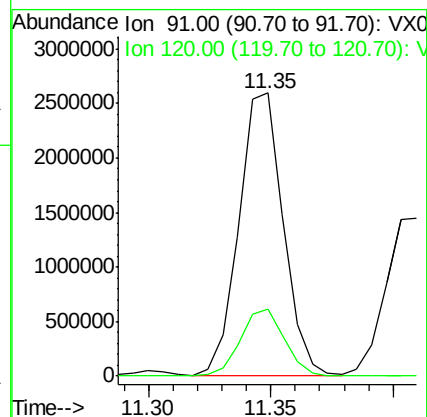
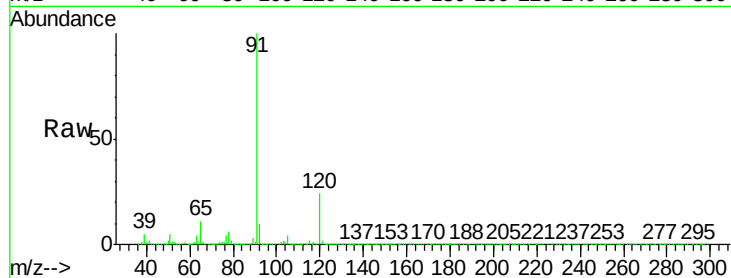
91 100

120 23.6 11.7 35.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 46.449 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015607.D

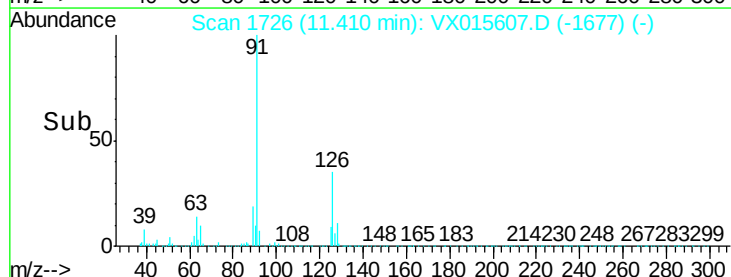
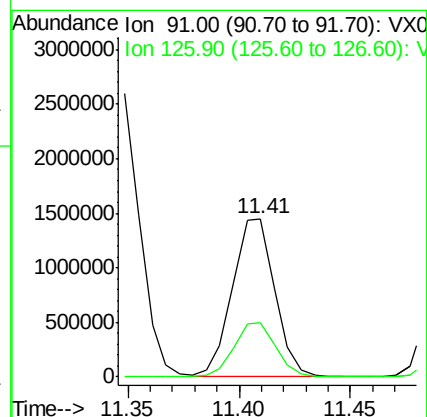
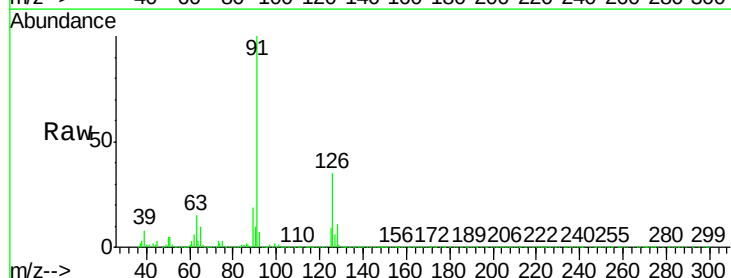
Acq: 09 Apr 2020 19:23

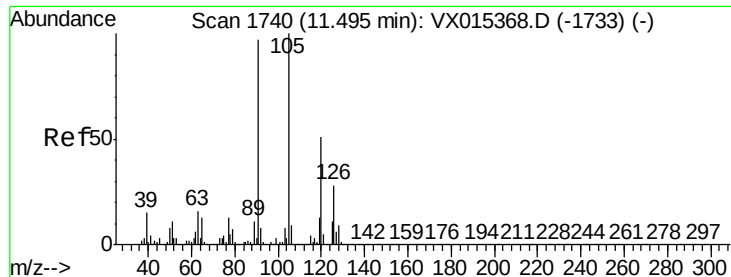
Tgt Ion: 91 Resp: 1913291

Ion Ratio Lower Upper

91 100

126 34.3 16.5 49.5





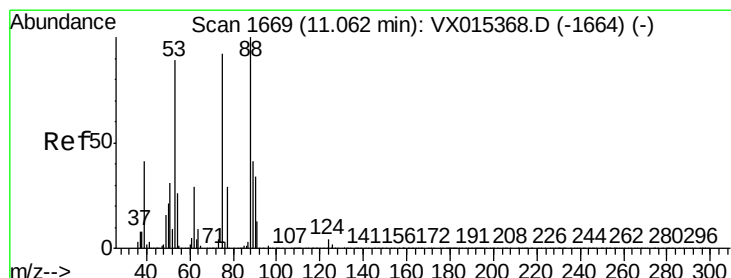
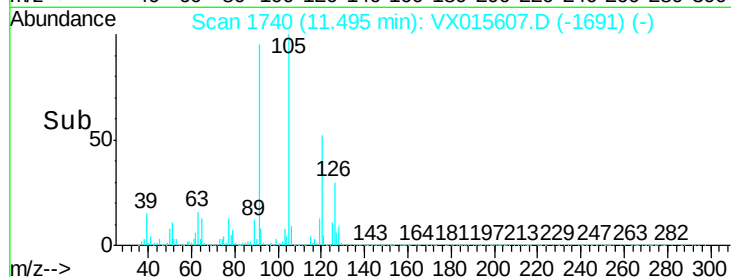
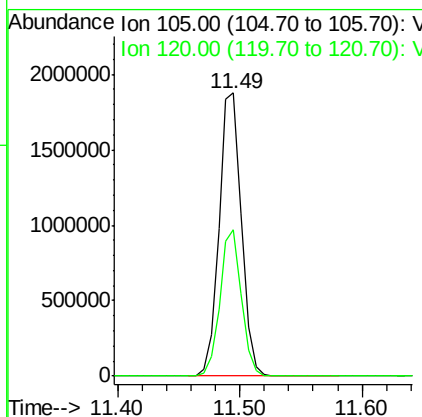
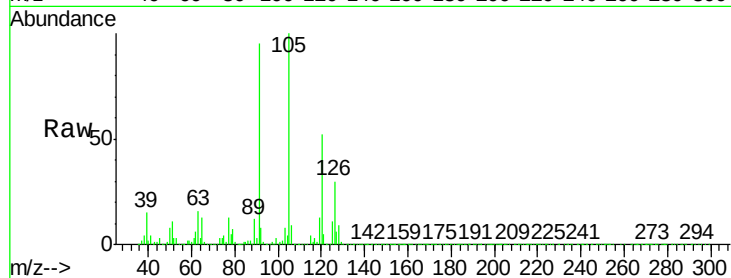
#80
 1,3,5-Trimethylbenzene
 Concen: 47.397 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion:105 Resp: 2378983
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.8 74.4

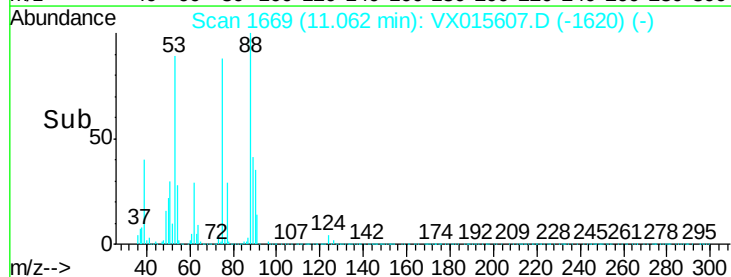
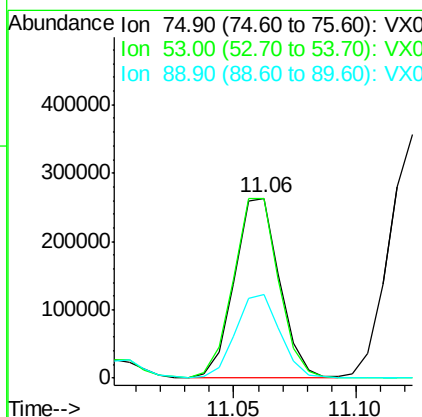
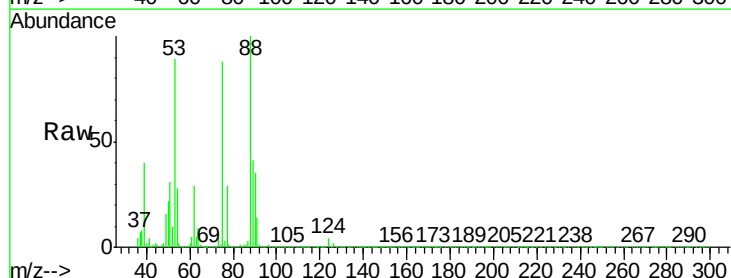
Manual Integrations
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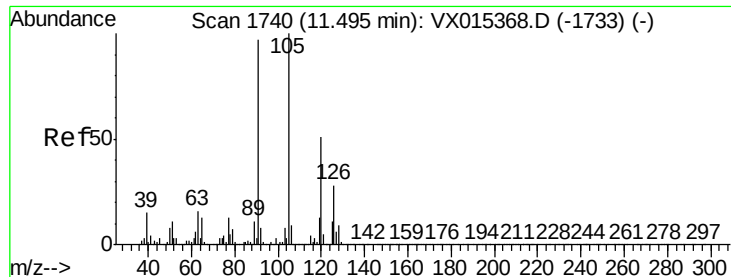
sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.273 ug/l
 RT: 11.06 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion: 75 Resp: 332659
 Ion Ratio Lower Upper
 75 100
 53 101.2 80.1 120.1
 89 46.2 36.1 54.1





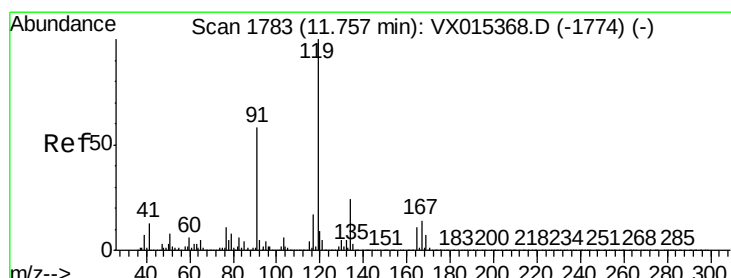
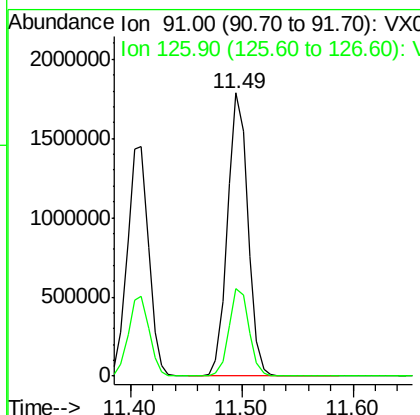
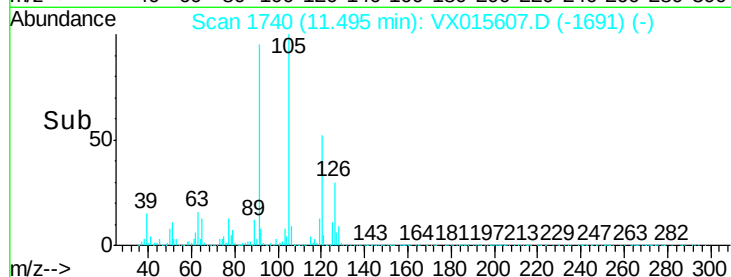
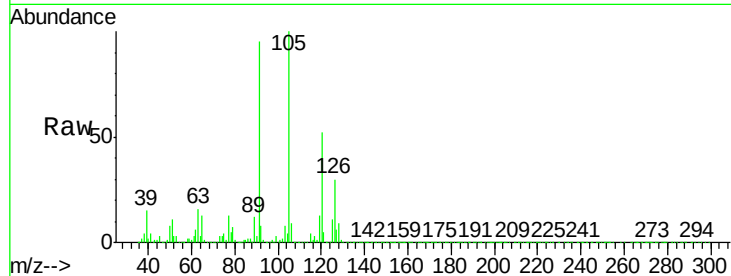
#82
4-Chlorotoluene
Concen: 46.823 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampleId :
MW-1DMS

Tot Ion: 91 Resp: 2261017
Ion Ratio Lower Upper
91 100
126 30.5 14.7 44.1

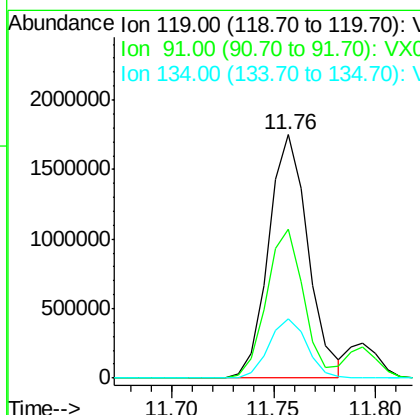
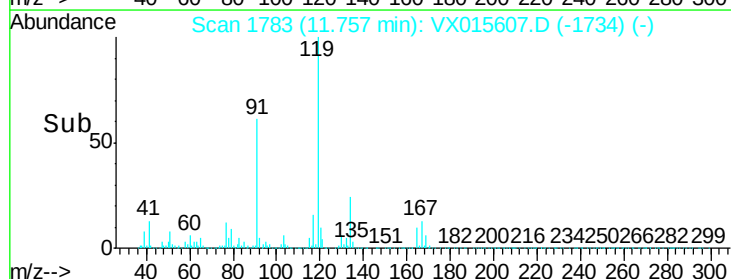
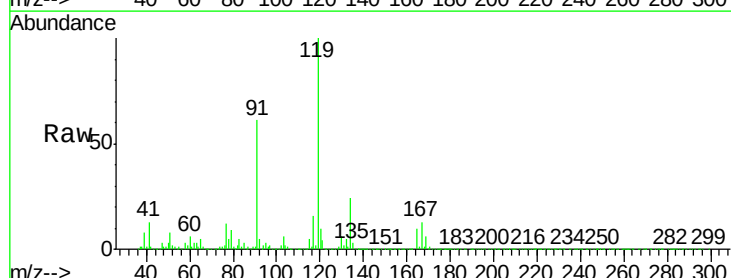
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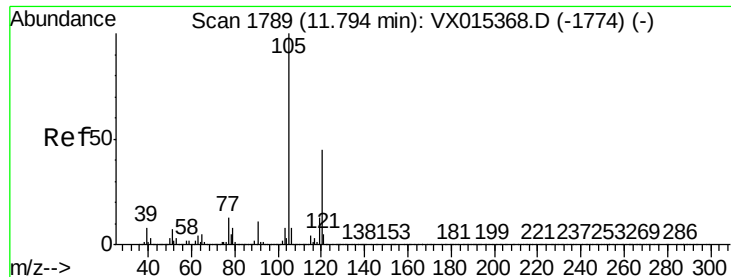
sam
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#83
tert-Butylbenzene
Concen: 48.153 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion: 119 Resp: 2360855
Ion Ratio Lower Upper
119 100
91 57.2 28.6 85.8
134 23.5 11.8 35.3





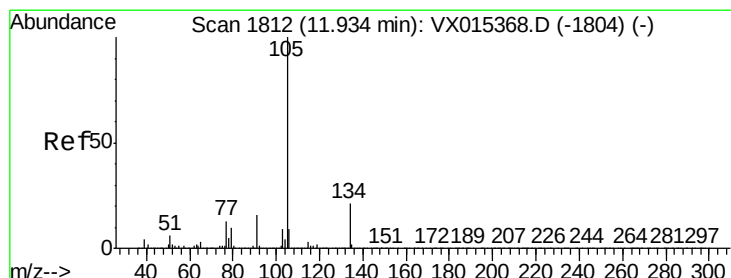
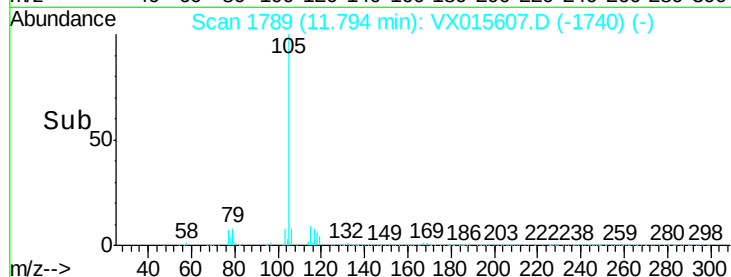
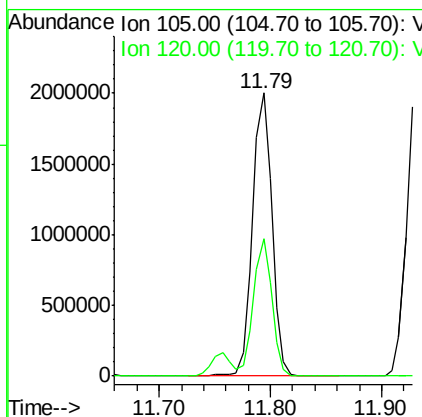
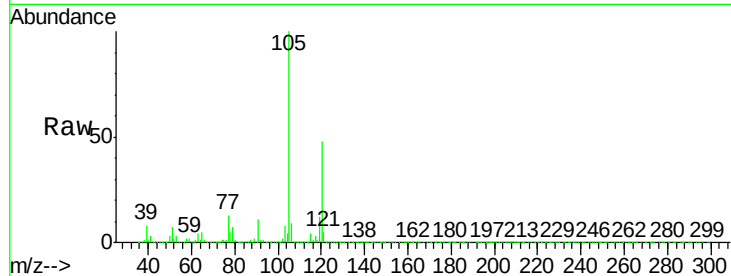
#84
 1,2,4-Trimethylbenzene
 Concen: 47.709 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion:105 Resp: 2440247
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1

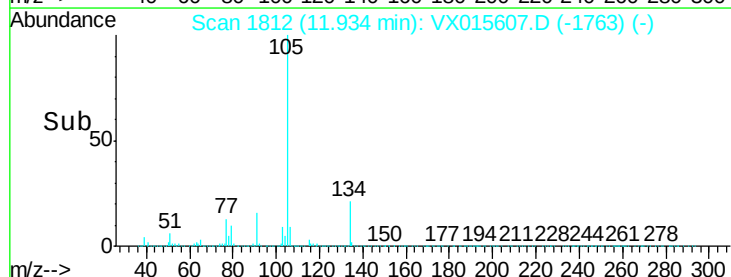
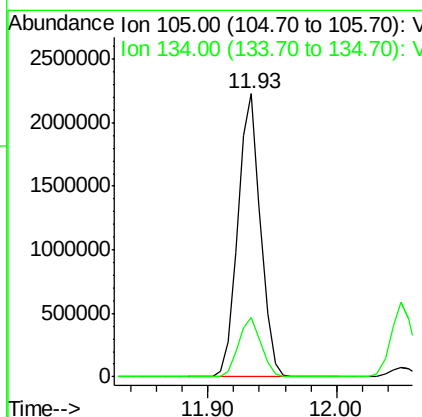
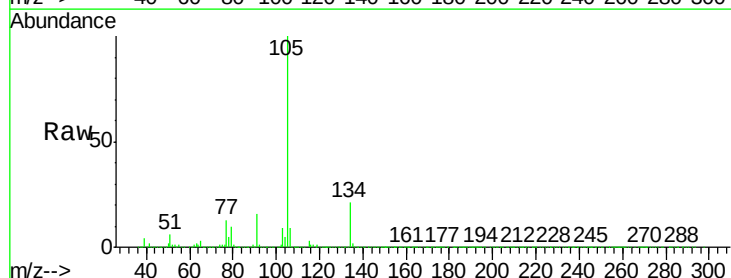
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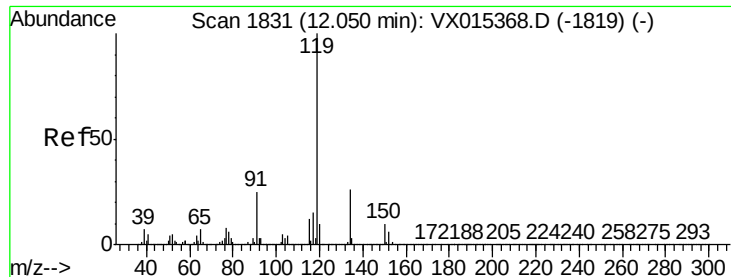
sam
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#85
 sec-Butylbenzene
 Concen: 47.685 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion:105 Resp: 2703846
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 48.675 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

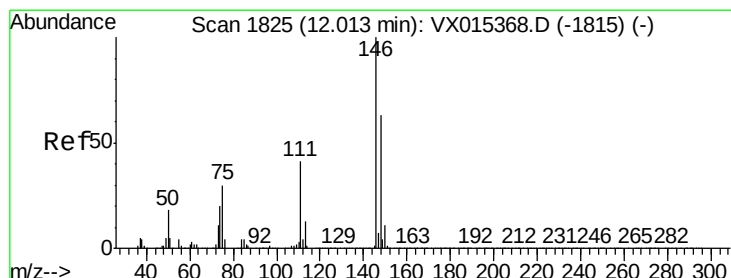
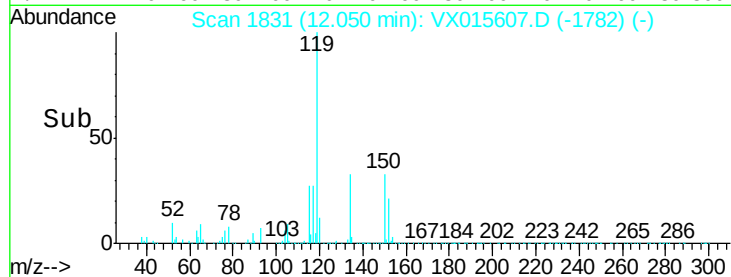
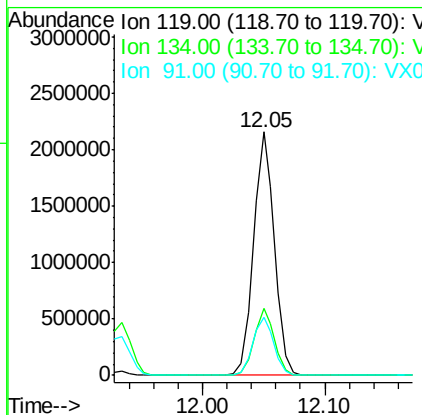
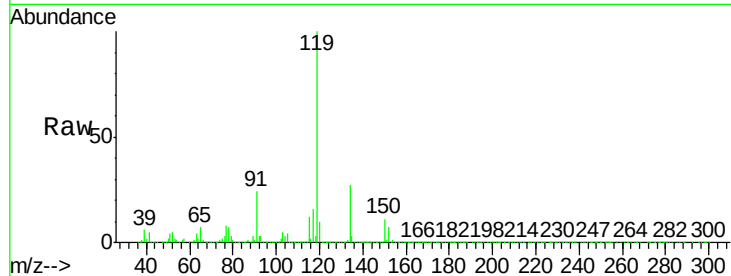
ClientSampled :

MW-1DMS

Tot Ion:	119	Resp:	2562216
Ion Ratio	Lower	Upper	
119	100		
134	26.8	13.1	39.3
91	24.1	12.4	37.4

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 49.718 ug/l

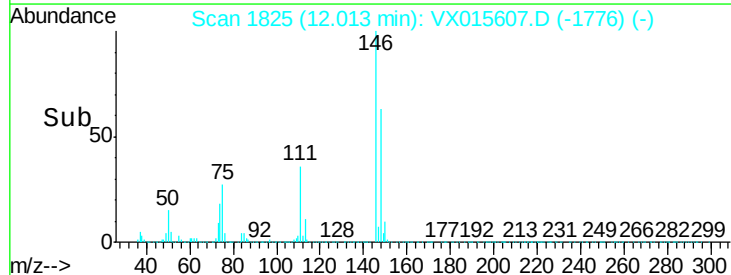
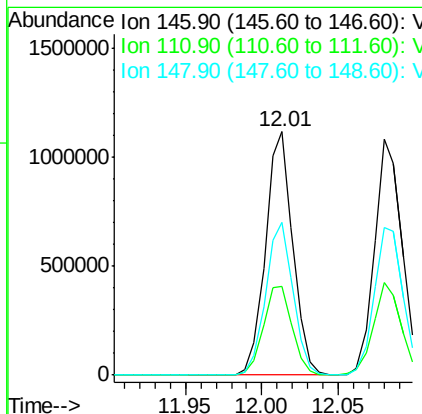
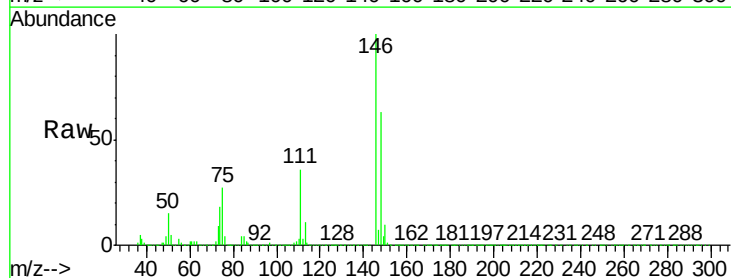
RT: 12.01 min Scan# 1825

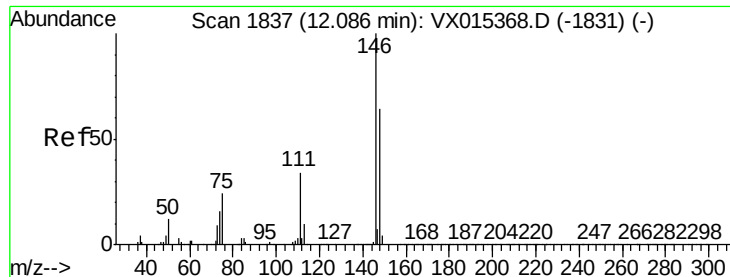
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	146	Resp:	1395305
Ion Ratio	Lower	Upper	
146	100		
111	38.5	20.3	60.9
148	63.0	31.3	93.9





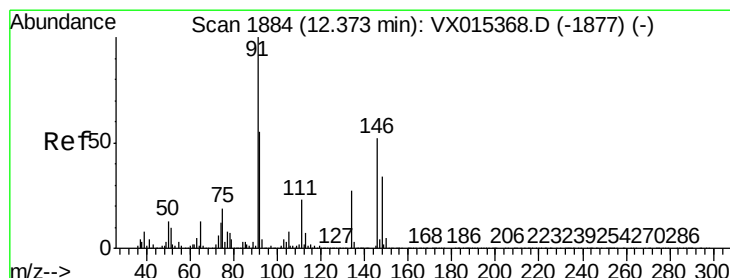
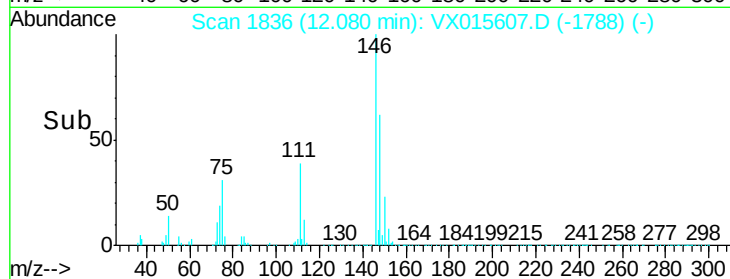
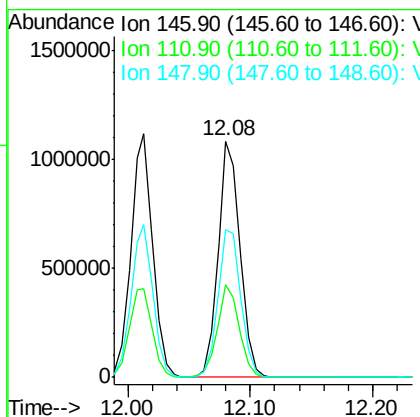
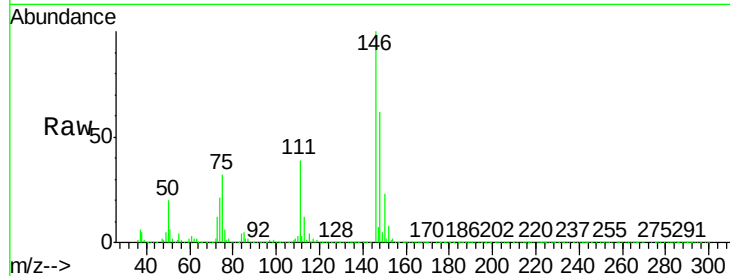
#88
 1,4-Dichlorobenzene
 Concen: 47.334 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	65.4	32.4	97.2

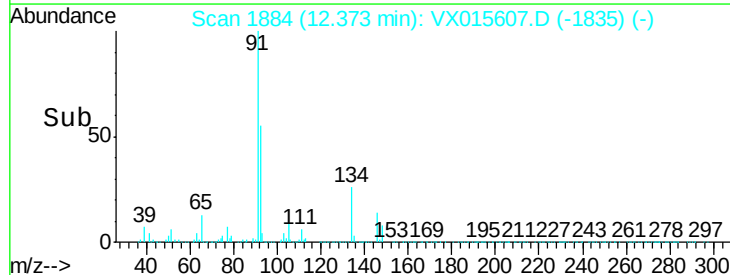
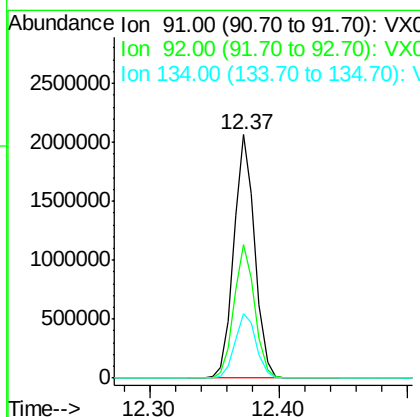
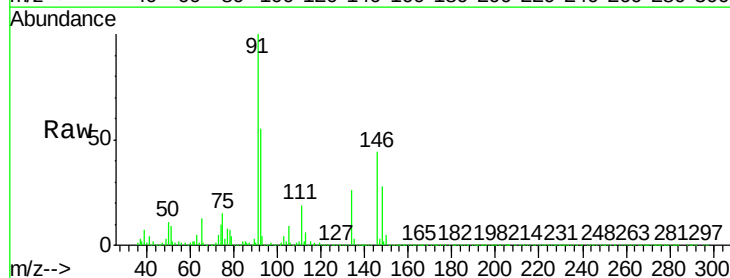
Manual Integrations
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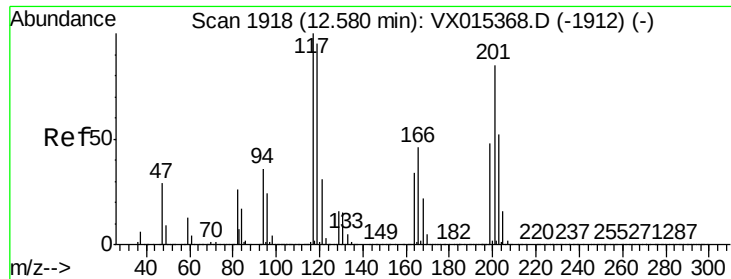
sam
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#89
 n-Butylbenzene
 Concen: 48.973 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	27.0	13.4	40.2





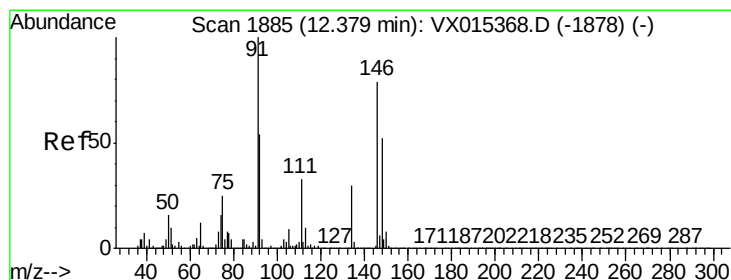
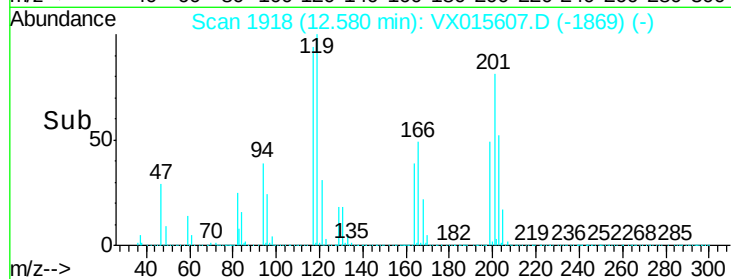
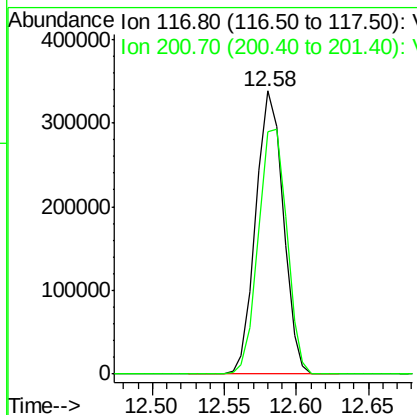
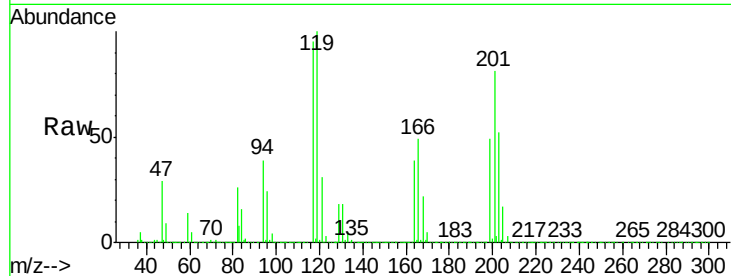
#90
Hexachloroethane
Concen: 43.214 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Instrument :
MSVOA_X
ClientSampled :
MW-1DMS

Tot Ion:117 Resp: 442754
Ion Ratio Lower Upper
117 100
201 90.3 42.6 128.0

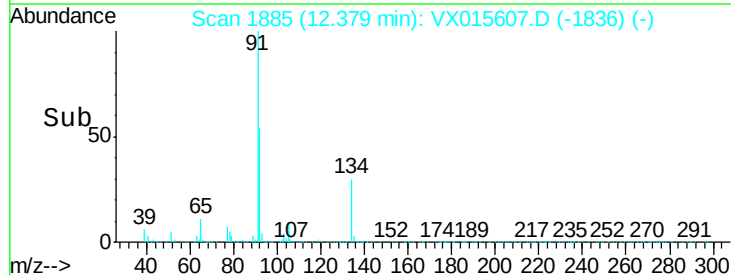
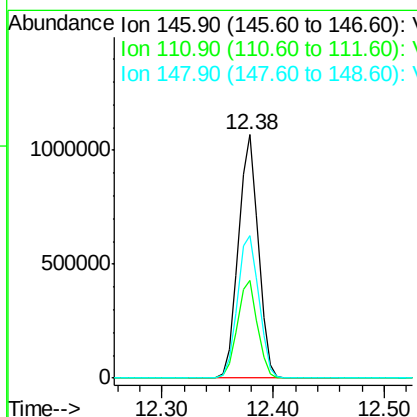
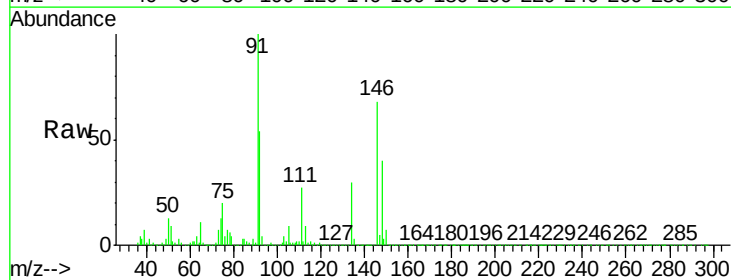
Manual Integrations
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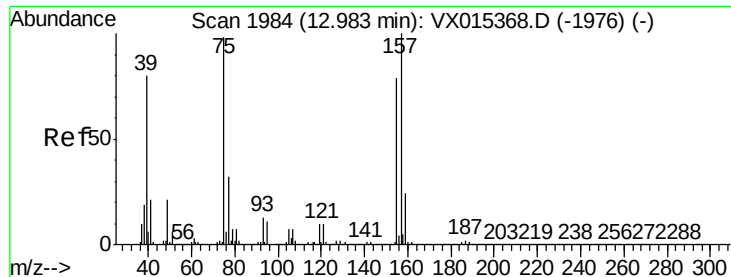
sam
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#91
1,2-Dichlorobenzene
Concen: 48.227 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015607.D
Acq: 09 Apr 2020 19:23

Tgt Ion:146 Resp: 1324540
Ion Ratio Lower Upper
146 100
111 40.5 21.0 63.0
148 62.7 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 41.078 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

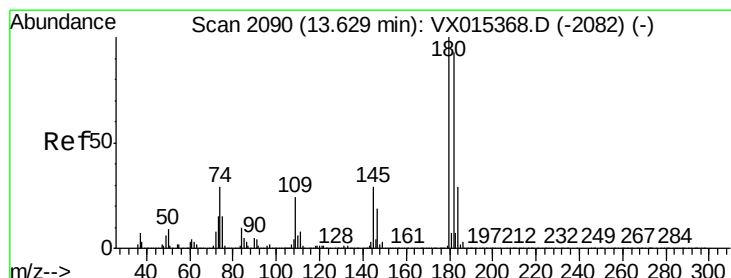
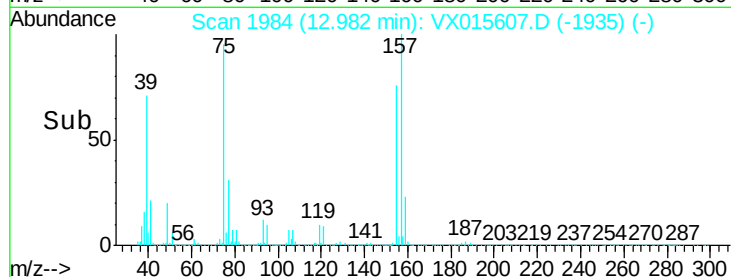
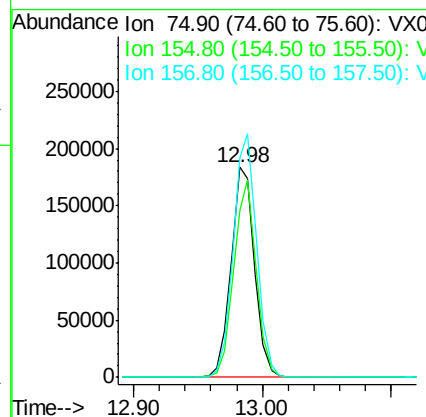
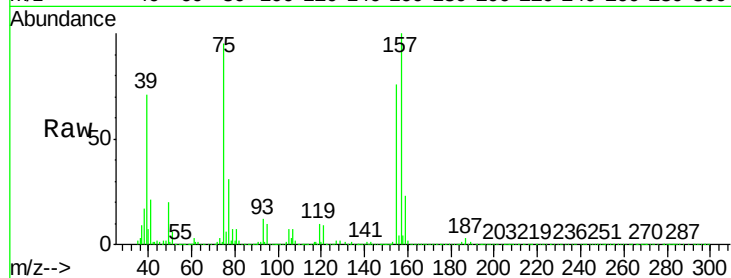
ClientSampled :

MW-1DMS

Tot Ion:	75	Resp:	233815
Ion Ratio	Lower	Upper	
75	100		
155	90.8	42.8	128.4
157	115.9	53.4	160.3

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#93

1,2,4-Trichlorobenzene

Concen: 47.330 ug/l

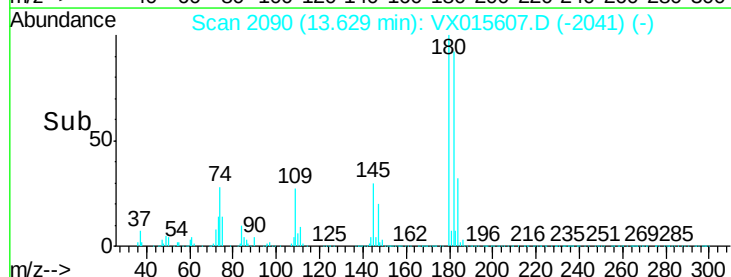
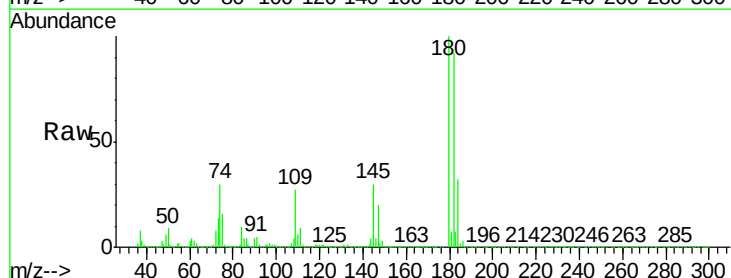
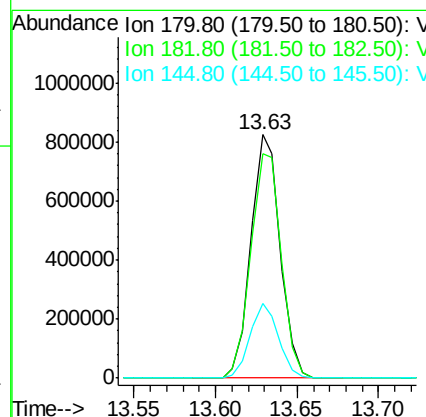
RT: 13.63 min Scan# 2090

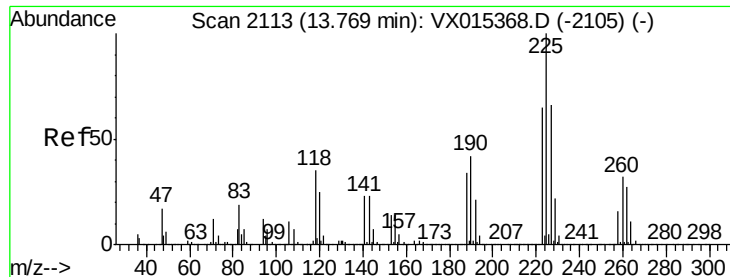
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	180	Resp:	1028213
Ion Ratio	Lower	Upper	
180	100		
182	96.2	46.9	140.7
145	29.8	14.9	44.5





#94

Hexachlorobutadiene

Concen: 45.442 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Instrument :

MSVOA_X

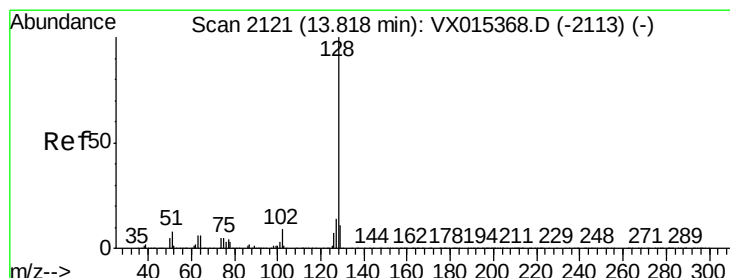
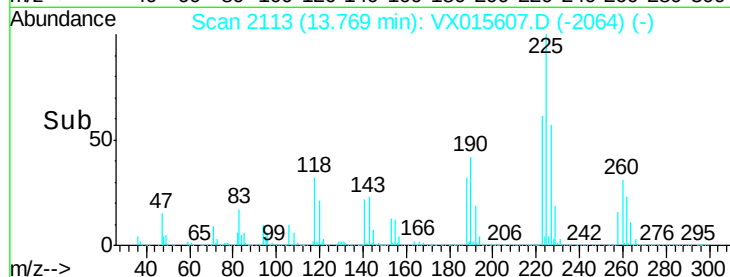
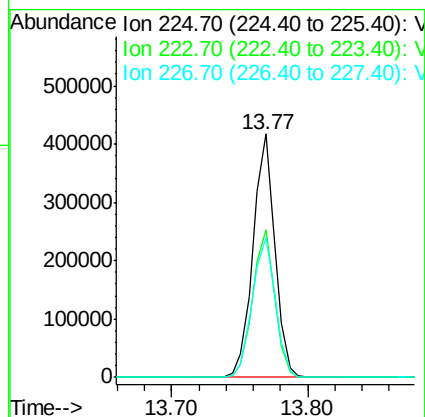
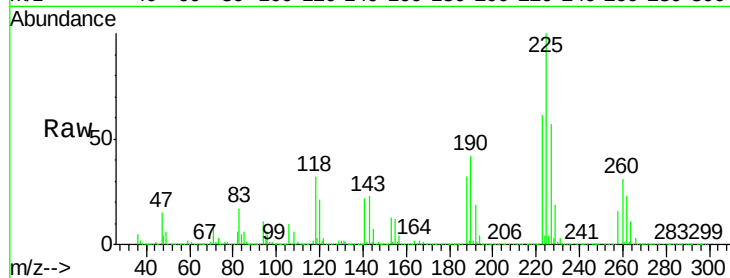
ClientSampled :

MW-1DMS

Tot Ion:	225	Resp:	470021
Ion Ratio		Lower	Upper
225	100		
223	61.4	31.9	95.7
227	61.1	30.4	91.3

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#95

Naphthalene

Concen: 46.282 ug/l

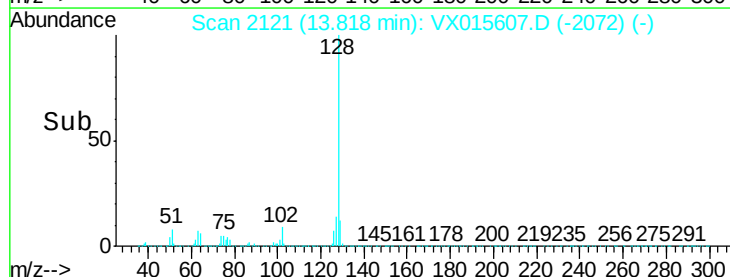
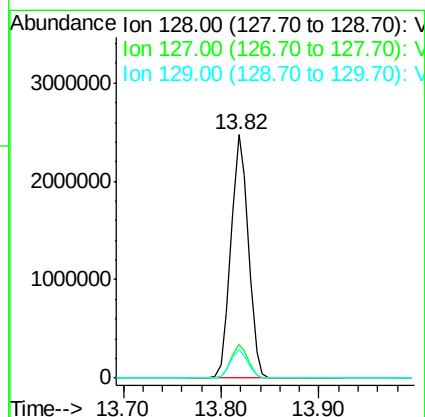
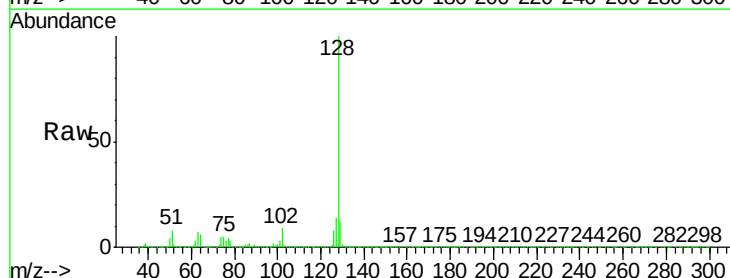
RT: 13.82 min Scan# 2121

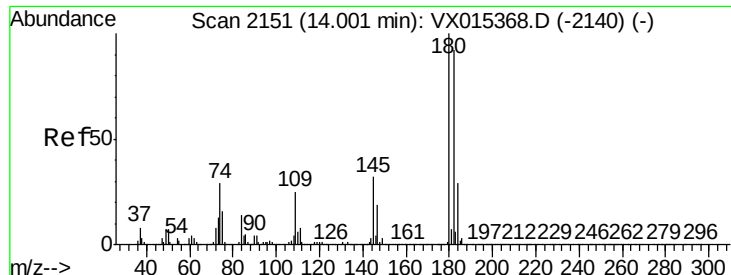
Delta R.T. -0.00 min

Lab File: VX015607.D

Acq: 09 Apr 2020 19:23

Tgt Ion:	128	Resp:	3066997
Ion Ratio		Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.4	8.8	13.2





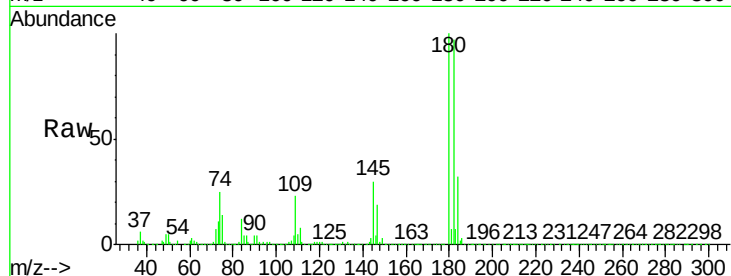
#96
 1,2,3-Trichlorobenzene
 Concen: 49.670 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015607.D
 Acq: 09 Apr 2020 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.0
145	30.6	15.8	47.3

Manual Integrations
 APPROVED

sam
 4/10/2020 2:13:19 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

