

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013436.D
 Acq On : 15 Nov 2019 11:10
 Operator : JC/SP
 Sample : VX1115WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 10:24:12 AM

Quant Time: Nov 15 23:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	688663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1036531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	928892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	407628	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.48	113	338052	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	1311115	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.13	95	466020	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	154689	19.495	ug/l	96
3) Chloromethane	1.31	50	168019	19.526	ug/l	99
4) Vinyl Chloride	1.40	62	195031	19.909	ug/l	99
5) Bromomethane	1.62	94	116674	17.091	ug/l	98
6) Chloroethane	1.72	64	109090	18.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	216820	18.734	ug/l	98
8) Diethyl Ether	2.17	74	102662	20.059	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140635	21.801	ug/l	95
10) Methyl Iodide	2.50	142	154321	19.323	ug/l	98
11) Tert butyl alcohol	3.03	59	186972	86.949	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129726	20.536	ug/l	98
13) Acrolein	2.28	56	117648	100.947	ug/l	98
14) Allyl chloride	2.72	41	241424	21.034	ug/l	95
15) Acrylonitrile	3.12	53	427702	106.478	ug/l	98
16) Acetone	2.43	43	397942	97.789	ug/l	100
17) Carbon Disulfide	2.56	76	328478	19.428	ug/l	100
18) Methyl Acetate	2.76	43	240341	21.393	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	448351	21.280	ug/l	97
20) Methylene Chloride	2.84	84	152150	20.236	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	140842	20.477	ug/l	100
22) Diisopropyl ether	3.84	45	490084	22.117	ug/l	93
23) Vinyl Acetate	3.80	43	1991306	105.019	ug/l	99
24) 1,1-Dichloroethane	3.69	63	263980	21.296	ug/l	99
25) 2-Butanone	4.65	43	606249	101.551	ug/l	99
26) 2,2-Dichloropropane	4.57	77	215620	21.865	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	167710	21.767	ug/l	99
28) Bromochloromethane	5.00	49	78883	22.412	ug/l	95
29) Tetrahydrofuran	5.11	42	381333	103.654	ug/l	99
30) Chloroform	5.19	83	264773	21.631	ug/l	99
31) Cyclohexane	5.56	56	233131	20.901	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	214382	20.352	ug/l	99
36) 1,1-Dichloropropene	5.79	75	194631	21.888	ug/l	98
37) Ethyl Acetate	4.81	43	226773	20.639	ug/l	99
38) Carbon Tetrachloride	5.78	117	182372	20.973	ug/l	96

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	234748	21.187	ug/l	96
40) Benzene	6.13	78	591148	21.342	ug/l	99
41) Methacrylonitrile	5.03	41	129173	20.974	ug/l	97
42) 1,2-Dichloroethane	6.19	62	207799	20.798	ug/l	98
43) Isopropyl Acetate	6.43	43	362607	21.193	ug/l	99
44) Trichloroethene	7.20	130	158678	20.812	ug/l	99
45) 1,2-Dichloropropane	7.51	63	153567	21.759	ug/l	97
46) Dibromomethane	7.65	93	99294	20.606	ug/l	98
47) Bromodichloromethane	7.89	83	195725	21.540	ug/l	99
48) Methyl methacrylate	7.76	41	180062	21.082	ug/l	99
49) 1,4-Dioxane	7.73	88	76431	390.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1175803	104.744	ug/l	99
52) Toluene	8.78	92	376401	21.925	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	214849	21.623	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241439	21.723	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	153243	21.536	ug/l	99
56) Ethyl methacrylate	9.17	69	244372	21.050	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261886	21.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	498320	102.421	ug/l	99
59) 2-Hexanone	9.48	43	905133	104.340	ug/l	100
60) Dibromochloromethane	9.57	129	154878	21.282	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158849	21.023	ug/l	98
64) Tetrachloroethene	9.33	164	141939	21.345	ug/l	98
65) Chlorobenzene	10.14	112	407487	21.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	148724	21.539	ug/l	99
67) Ethyl Benzene	10.25	91	708498	21.829	ug/l	99
68) m/p-Xylenes	10.36	106	542161	44.168	ug/l	100
69) o-Xylene	10.70	106	259468	21.591	ug/l	100
70) Styrene	10.71	104	447210	22.262	ug/l	98
71) Bromoform	10.85	173	118247	20.489	ug/l #	28
73) Isopropylbenzene	11.01	105	702540	22.682	ug/l	100
74) N-amyl acetate	10.89	43	316251	22.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247844	21.934	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196553m	20.715	ug/l	
77) Bromobenzene	11.25	156	183585	22.234	ug/l	98
78) n-propylbenzene	11.35	91	789156	22.873	ug/l	99
79) 2-Chlorotoluene	11.42	91	471682	22.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	590106	22.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75766	20.553	ug/l	98
82) 4-Chlorotoluene	11.51	91	538690	22.138	ug/l	99
83) tert-Butylbenzene	11.76	119	595460	22.928	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	585821	22.636	ug/l	99
85) sec-Butylbenzene	11.94	105	686968	23.016	ug/l	100
86) p-Isopropyltoluene	12.06	119	635763	23.132	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	323847	22.003	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	324462	21.637	ug/l	99
89) n-Butylbenzene	12.39	91	542512	22.622	ug/l	99
90) Hexachloroethane	12.59	117	109261	22.312	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	325673	22.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51251	18.617	ug/l	98

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Instrument :
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ClientSampleId :
VX1115WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	221922	21.625	ug/l	100
94) Hexachlorobutadiene	13.78	225	112161	22.339	ug/l	99
95) Naphthalene	13.83	128	674825	20.958	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	223455	21.712	ug/l	99

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

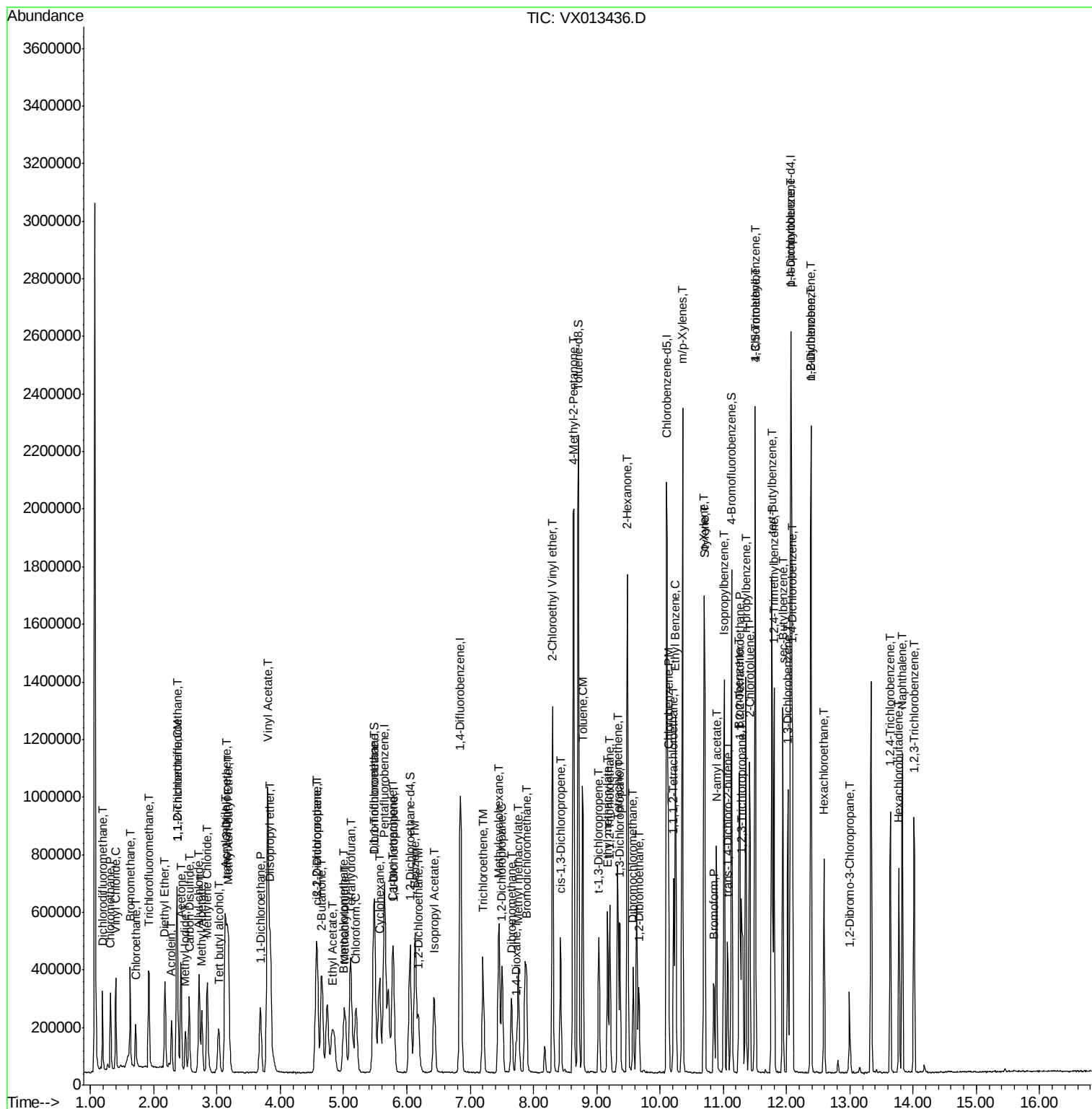
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 Data File : VX013436.D
 Acq On : 15 Nov 2019 11:10
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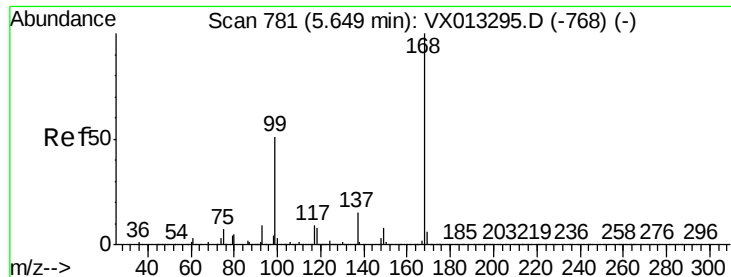
Instrument :
 MSVOA_X
 Client Sampled :
 VX1115WBS01

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion:168 Resp: 688663

Ion Ratio Lower Upper

168 100

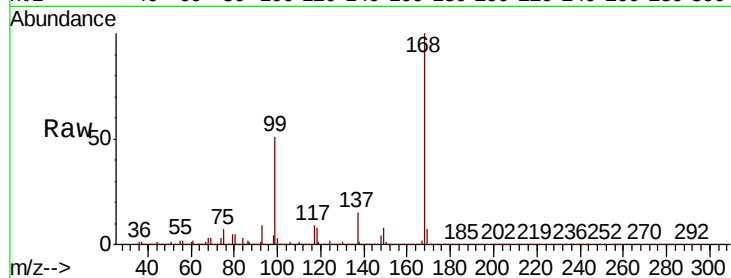
99 50.6 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

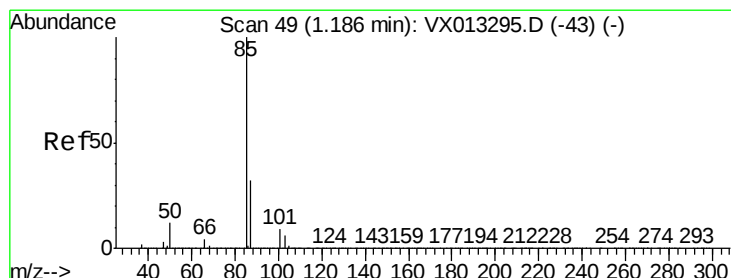
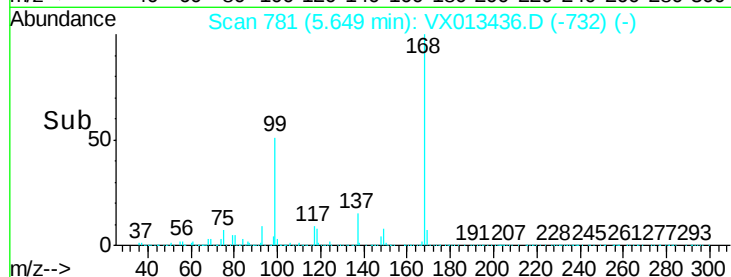
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.495 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013436.D

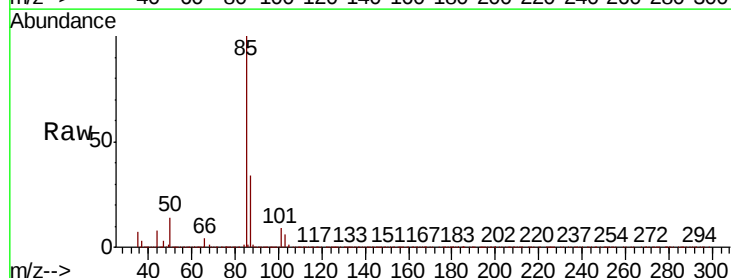
Acq: 15 Nov 2019 11:10

Tgt Ion: 85 Resp: 154689

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

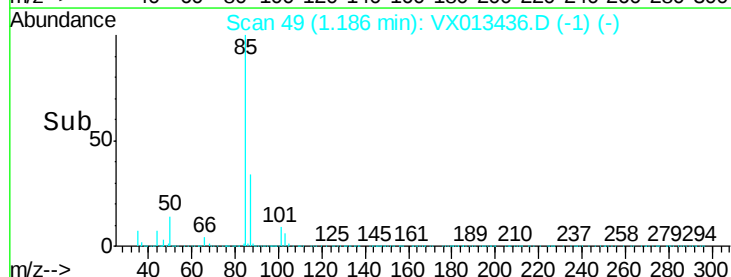
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 19.526 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 50 Resp: 168019

Ion Ratio Lower Upper

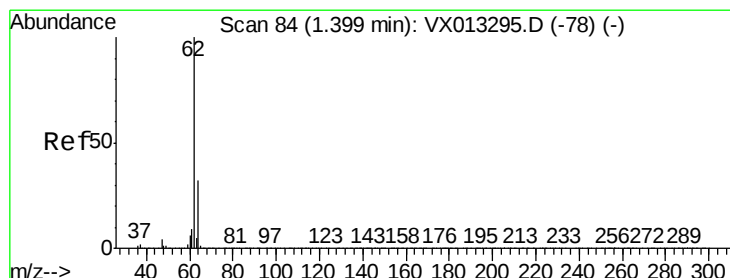
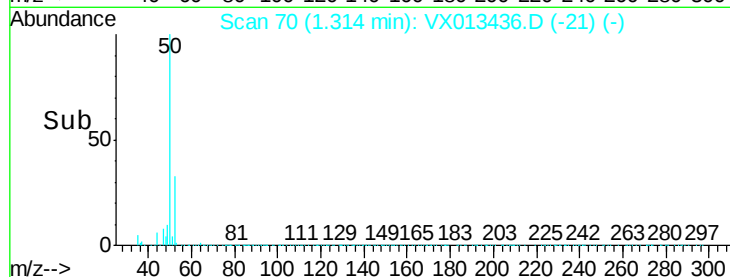
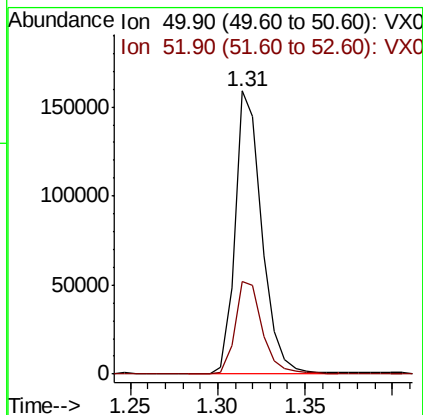
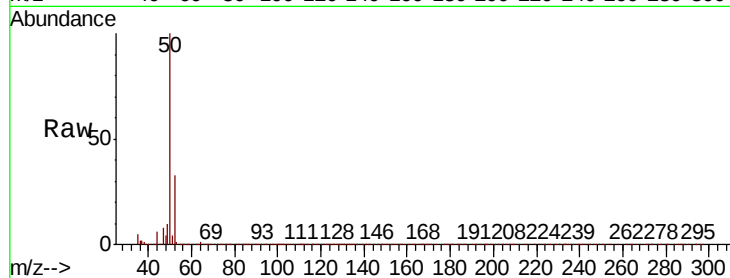
50 100

52 32.7 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.909 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013436.D

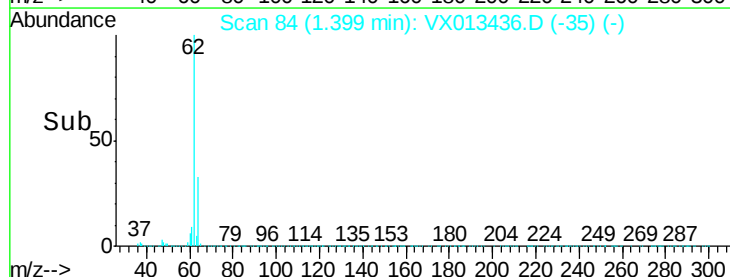
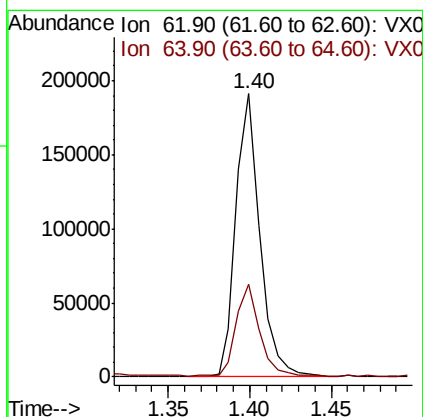
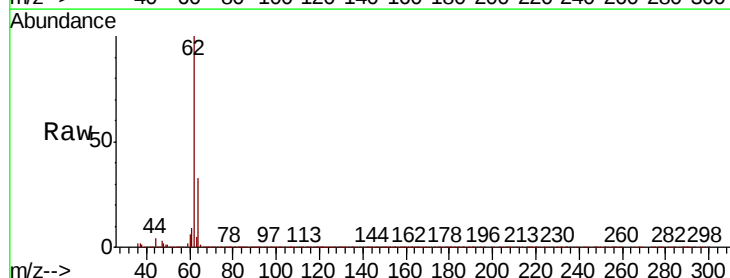
Acq: 15 Nov 2019 11:10

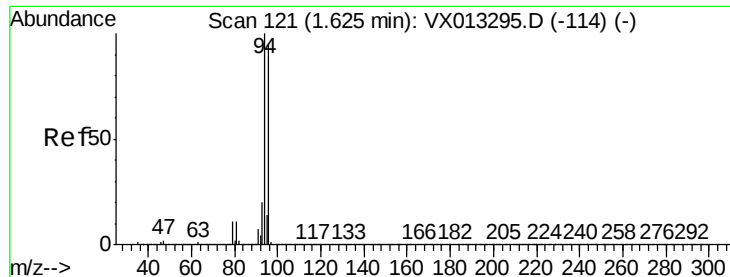
Tgt Ion: 62 Resp: 195031

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 17.091 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WS01

Tot Ion: 94 Resp: 116674

Ion Ratio Lower Upper

94 100

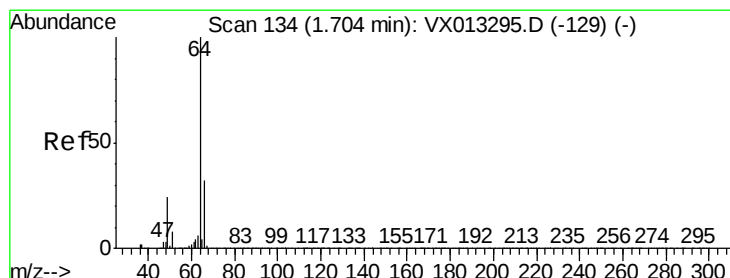
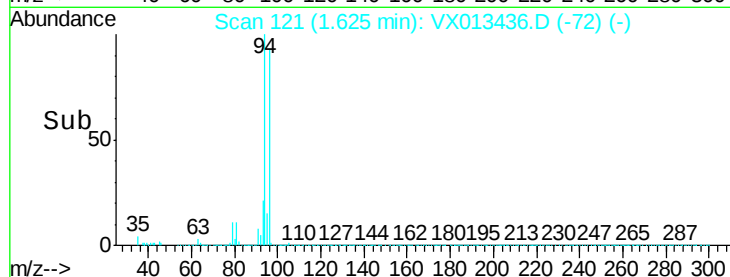
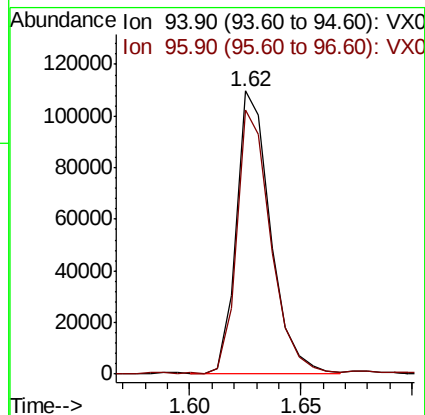
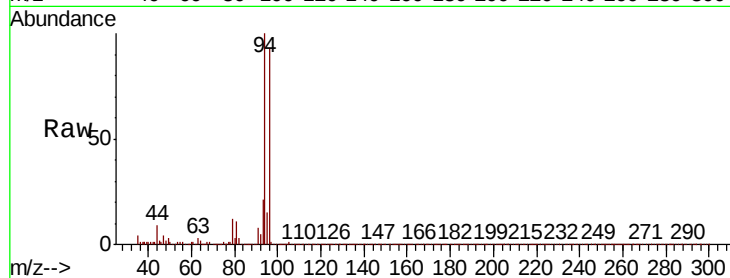
96 93.0 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 18.736 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013436.D

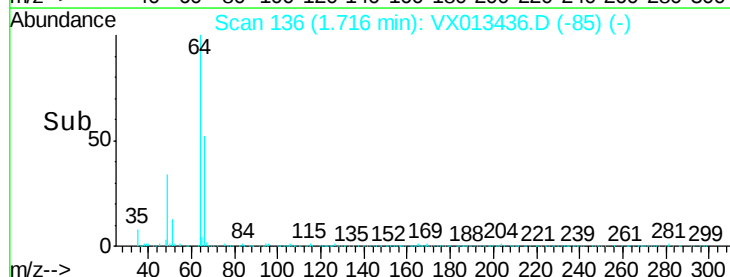
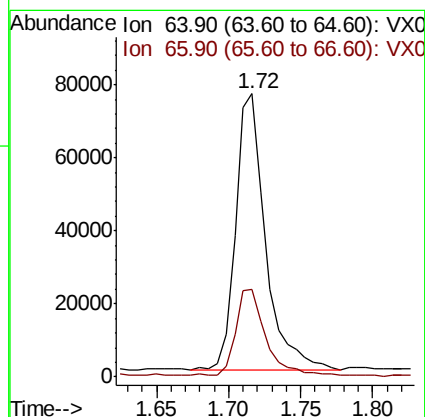
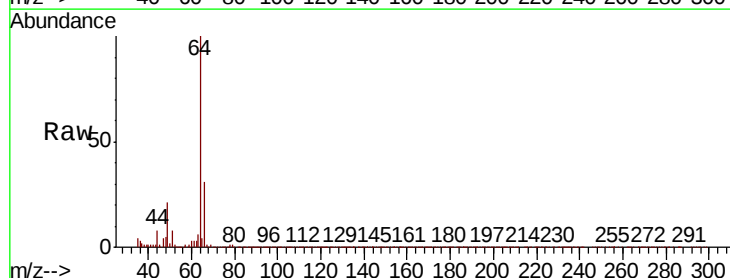
Acq: 15 Nov 2019 11:10

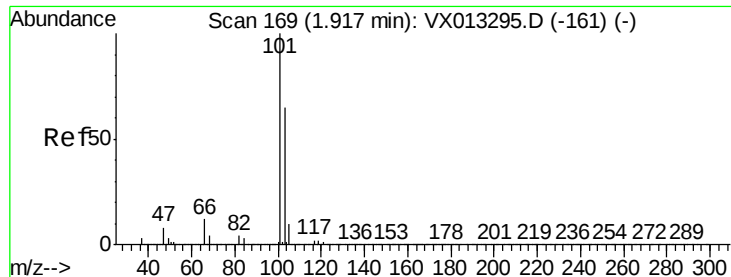
Tgt Ion: 64 Resp: 109090

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4





#7

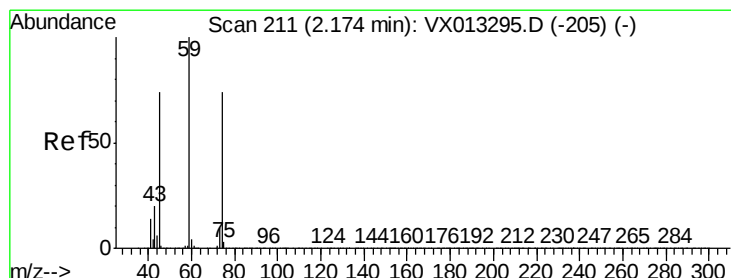
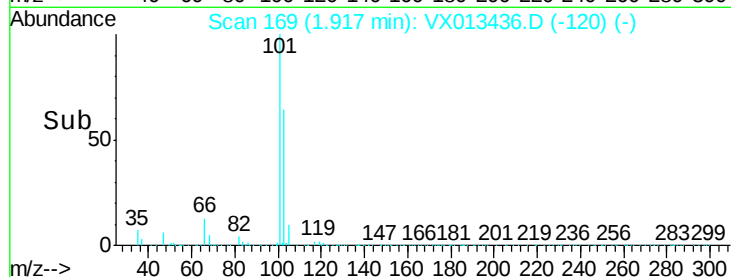
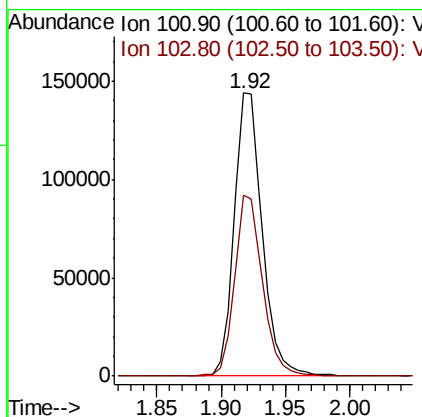
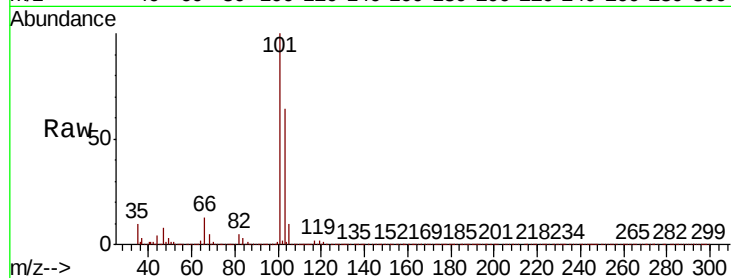
Trichlorofluoromethane
Concen: 18.734 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	216820		
103	64.0	52.3	78.5	

Manual Integrations
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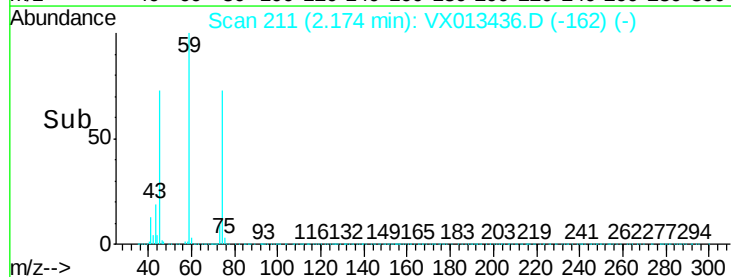
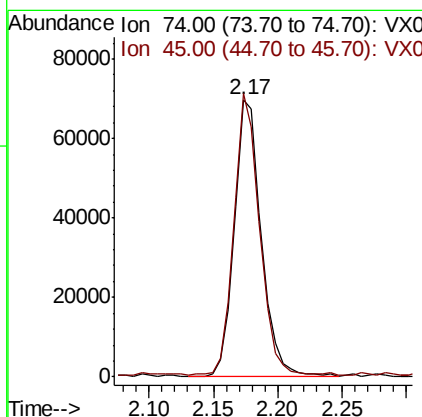
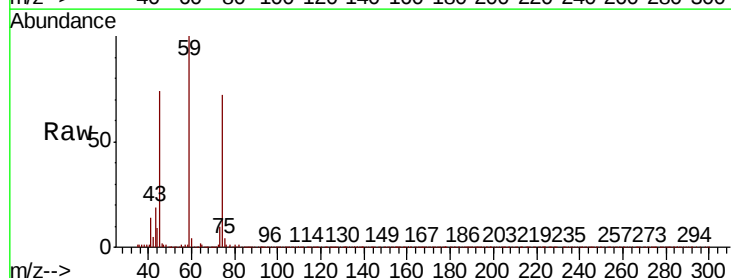
MMDadoda
11/18/2019 10:24:12 AM

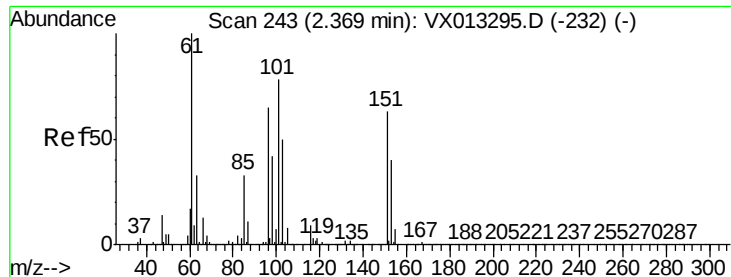


#8

Diethyl Ether
Concen: 20.059 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102662		
45	95.3	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.801 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

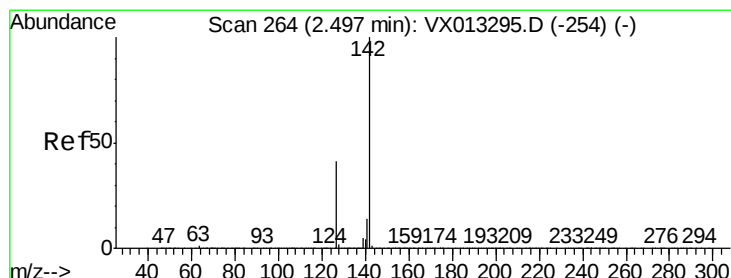
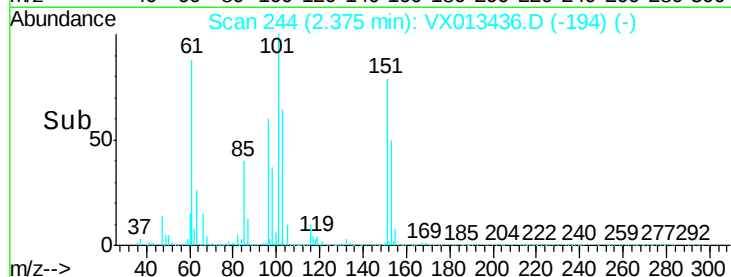
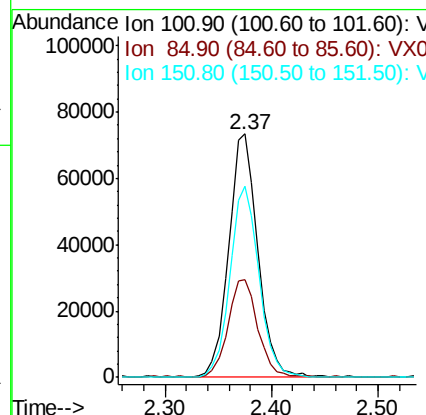
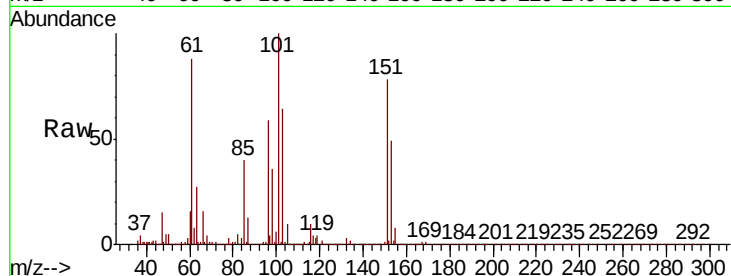
ClientSampleId :

VX1115WBS01

Tot Ion:	101	Resp:	140635
Ion Ratio	Lower	Upper	
101	100		
85	40.5	34.4	51.6
151	78.4	66.4	99.6

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#10

Methyl Iodide

Concen: 19.323 ug/l

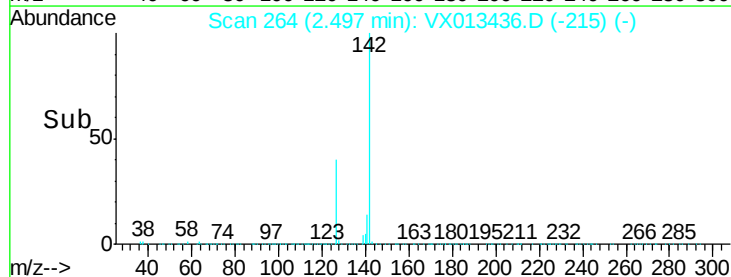
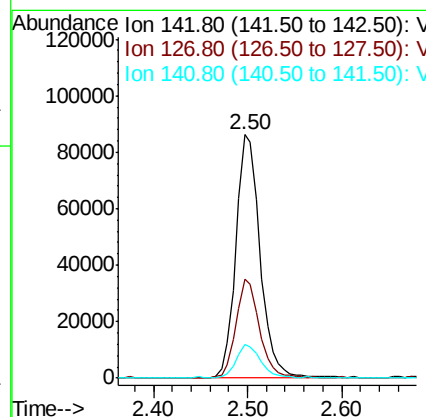
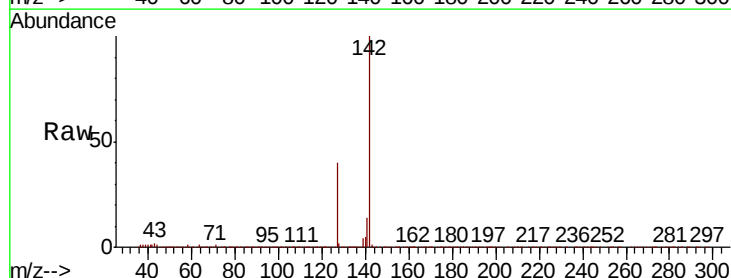
RT: 2.50 min Scan# 264

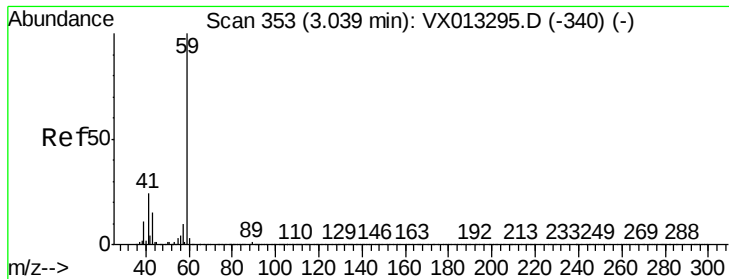
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	142	Resp:	154321
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.6	49.0
141	13.7	11.6	17.4





#11

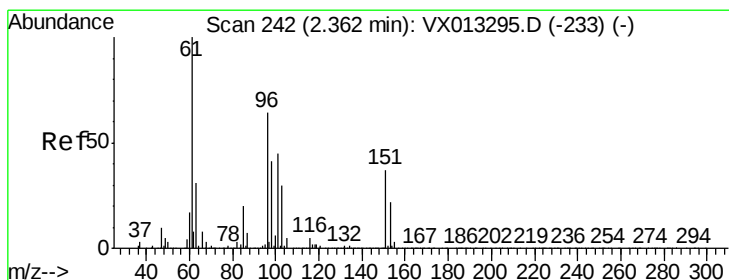
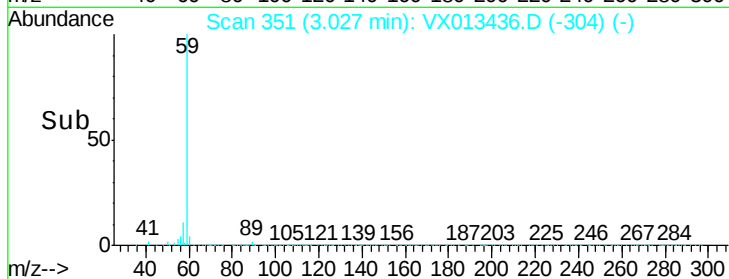
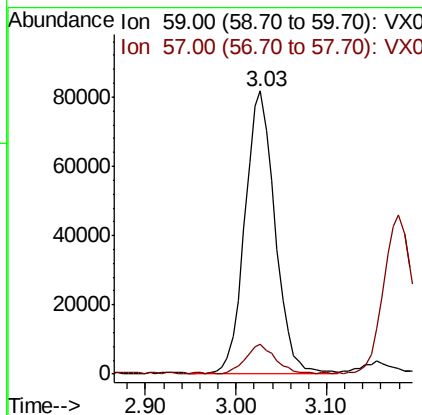
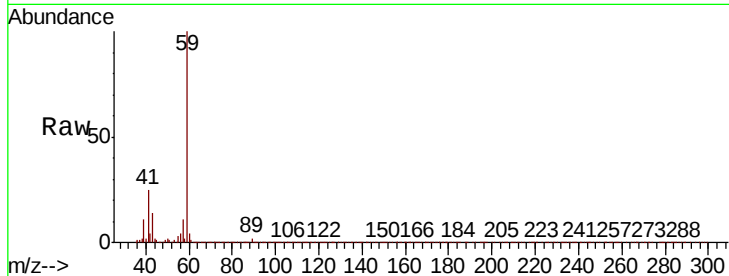
Tert butyl alcohol
Concen: 86.949 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.0	12.0

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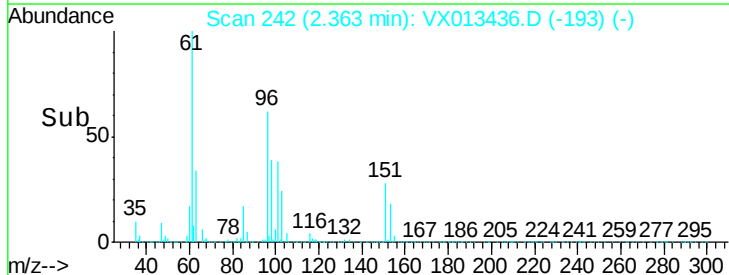
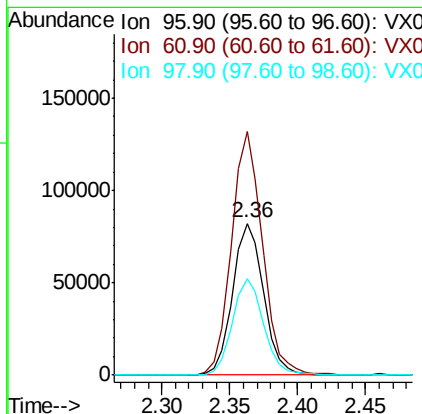
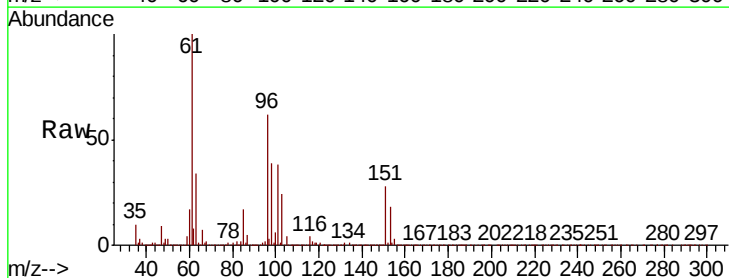
MMDadoda
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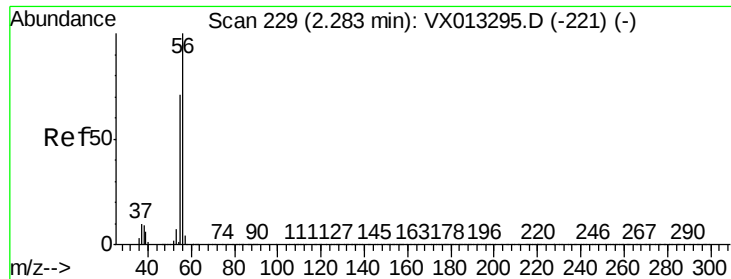


#12

1,1-Dichloroethene
Concen: 20.536 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	125.0	187.6
98	62.9	50.7	76.1





#13

Acrolein

Concen: 100.947 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 56 Resp: 117648

Ion Ratio Lower Upper

56 100

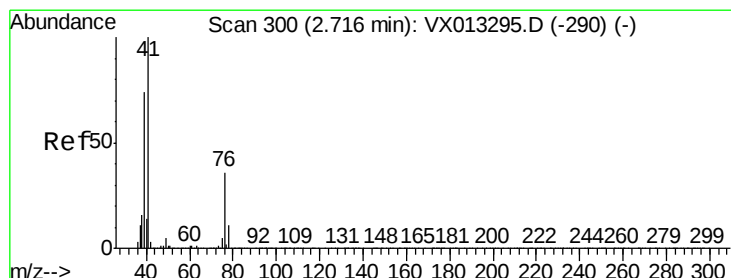
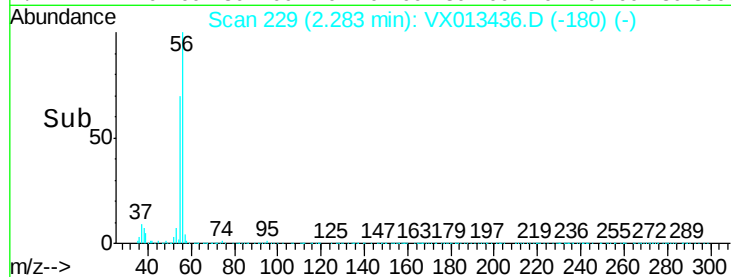
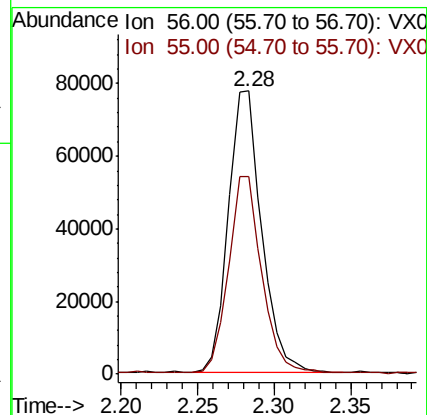
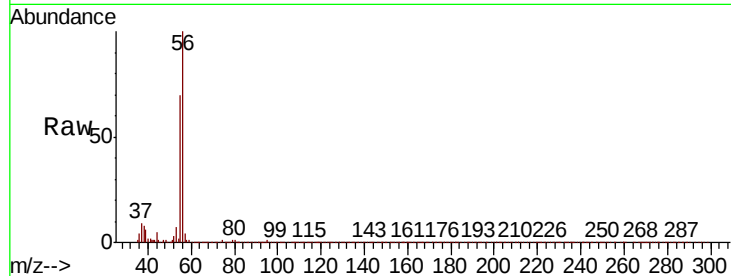
55 70.2 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.034 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

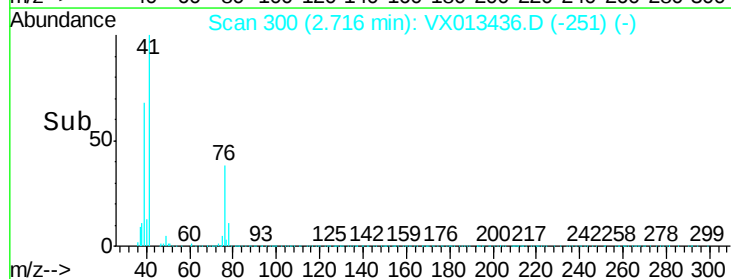
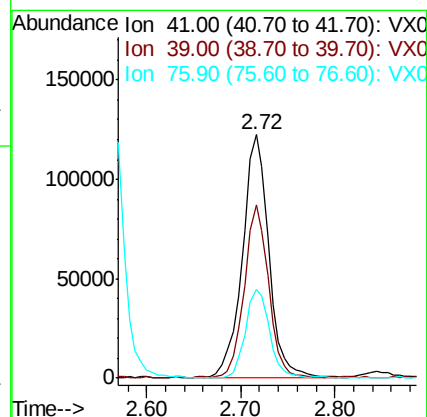
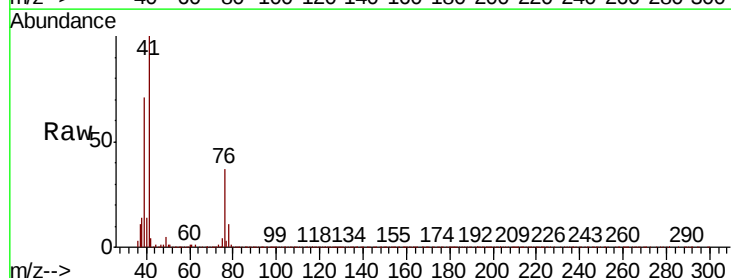
Tgt Ion: 41 Resp: 241424

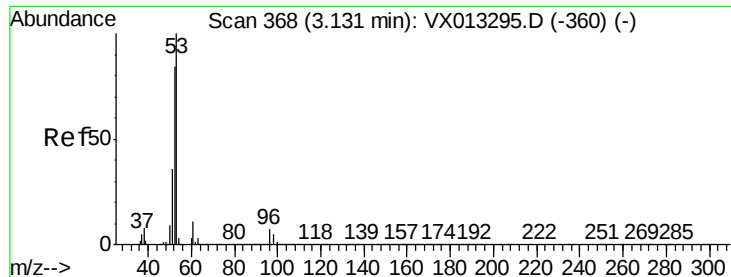
Ion Ratio Lower Upper

41 100

39 64.9 55.8 83.8

76 32.3 26.4 39.6





#15

Acrylonitrile

Concen: 106.478 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

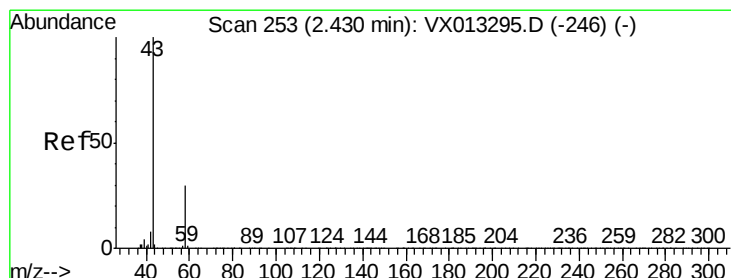
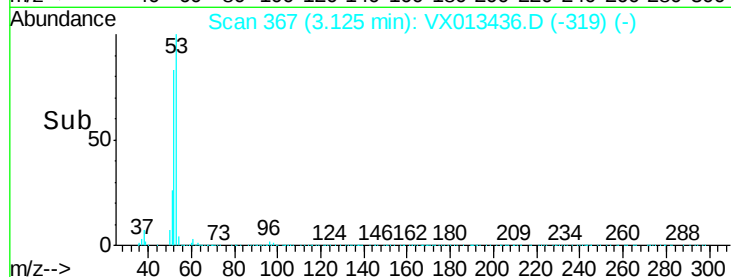
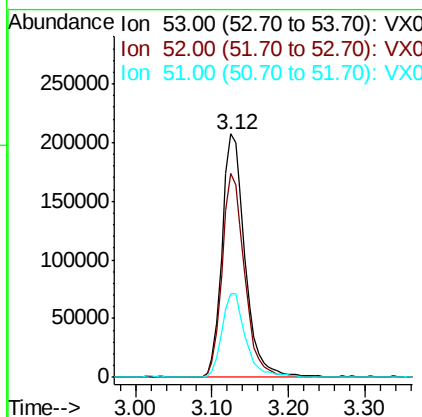
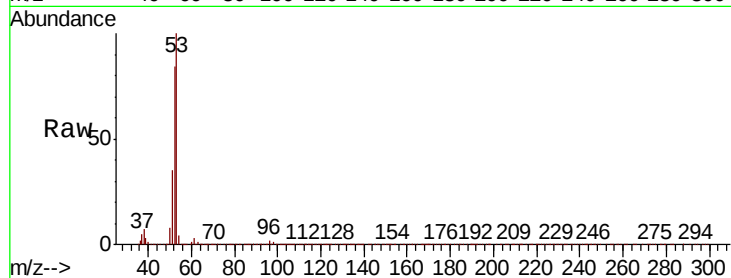
ClientSampleId :

VX1115WBS01

Tot Ion:	53	Resp:	427702
Ion Ratio		Lower	Upper
53	100		
52	82.2	67.4	101.0
51	35.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 97.789 ug/l

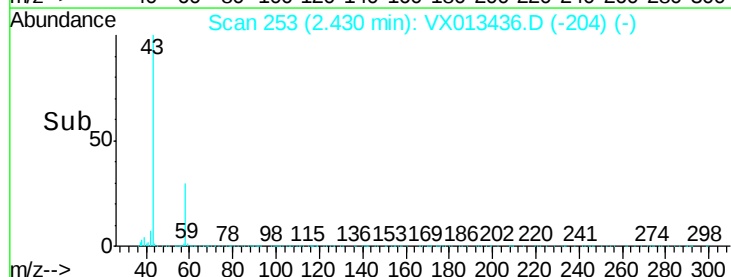
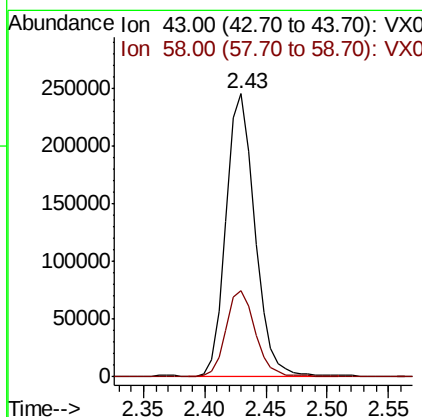
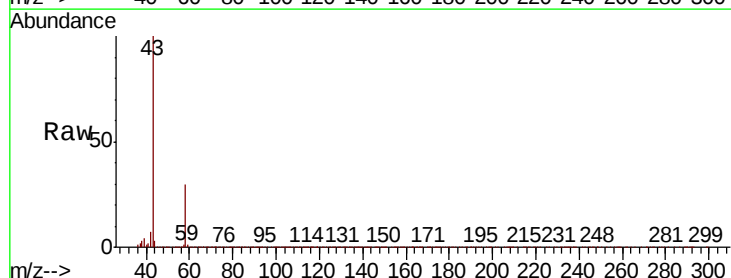
RT: 2.43 min Scan# 253

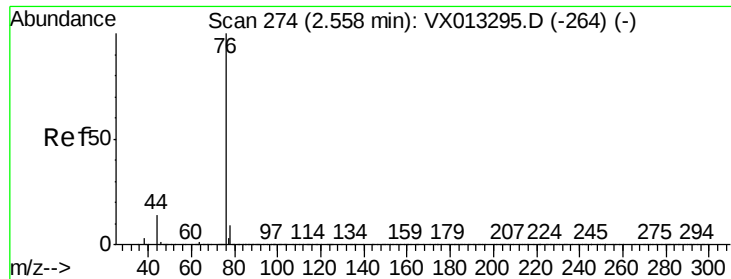
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	43	Resp:	397942
Ion Ratio		Lower	Upper
43	100		
58	30.4	24.3	36.5





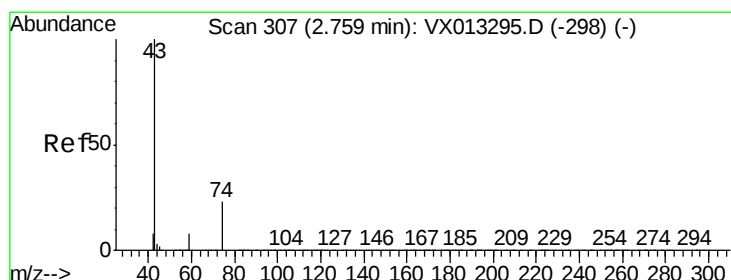
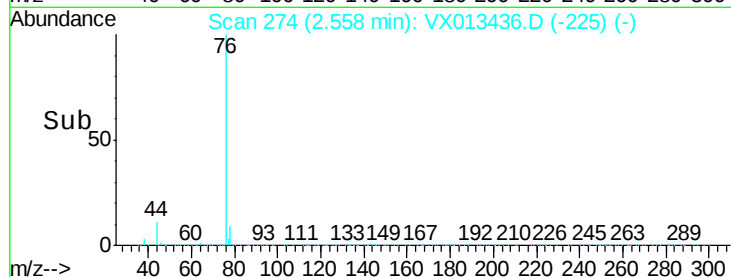
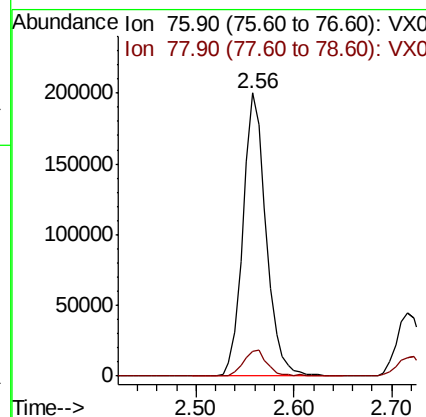
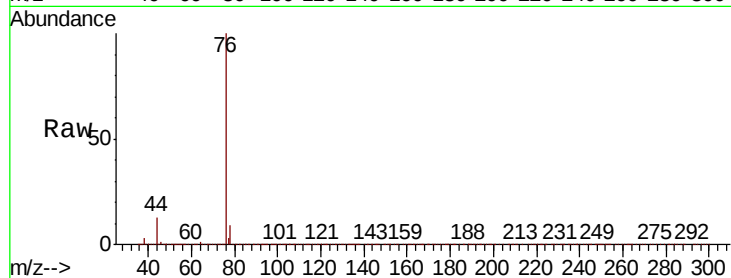
#17
Carbon Disulfide
Concen: 19.428 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

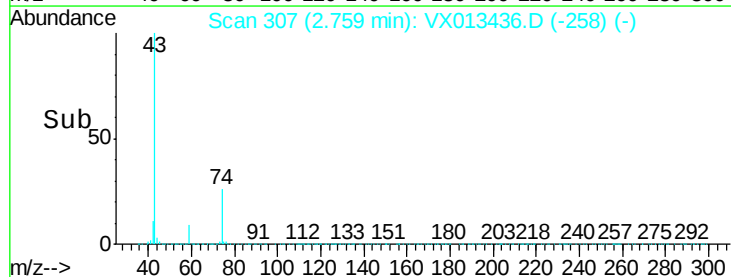
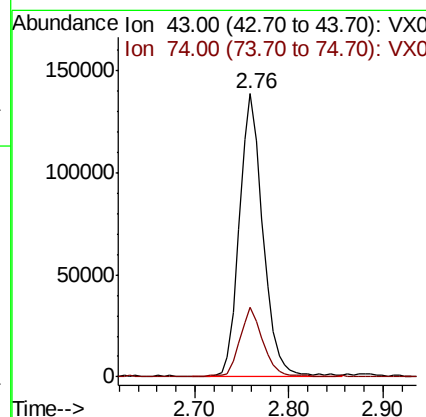
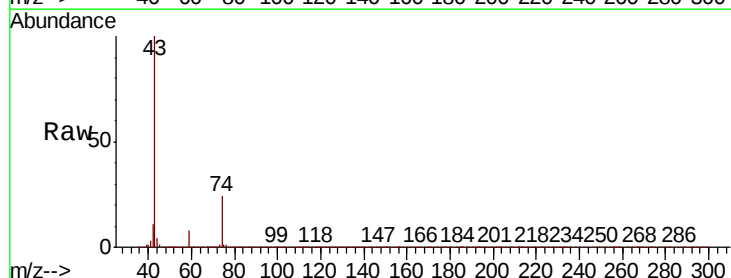
Manual Integrations
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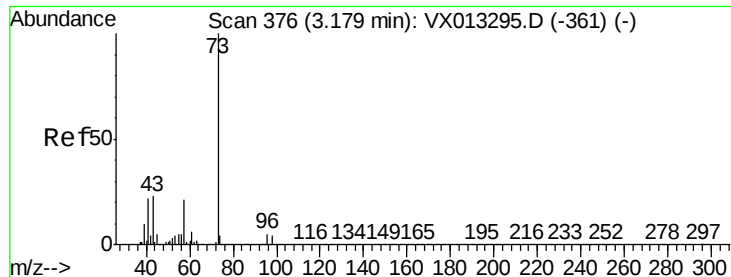
MMDadoda
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#18
Methyl Acetate
Concen: 21.393 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.0	28.6





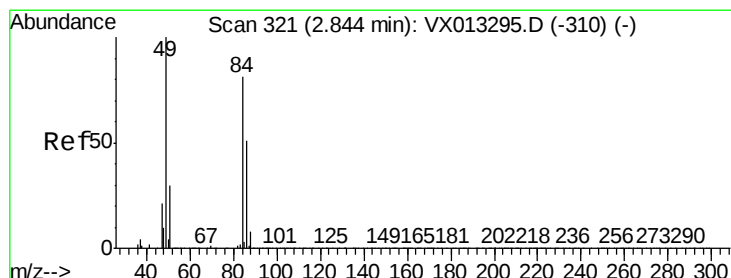
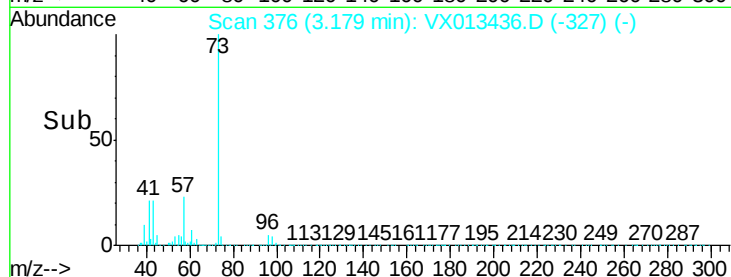
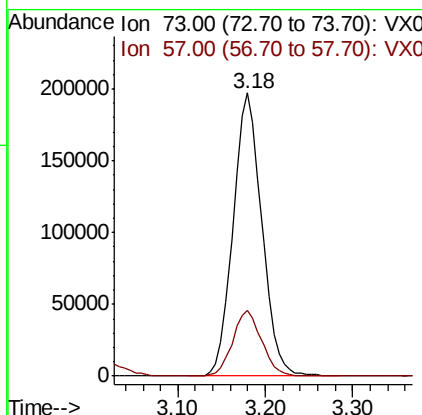
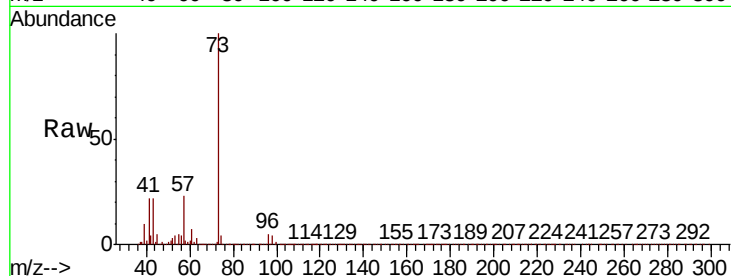
#19
Methvl tert-butvl Ether
Concen: 21.280 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.1	25.7

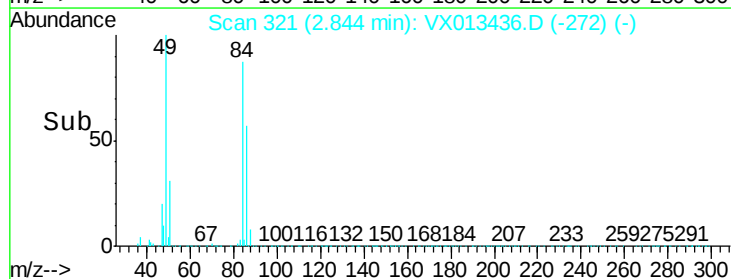
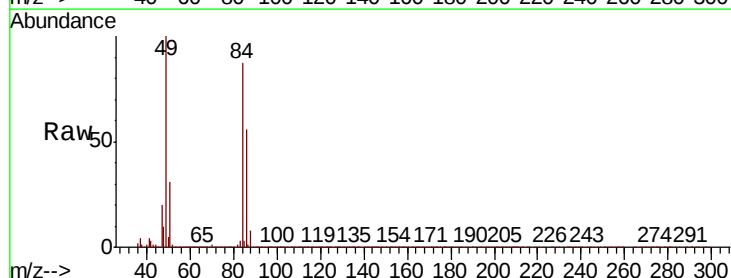
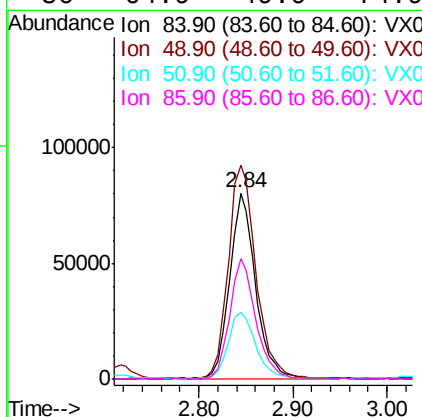
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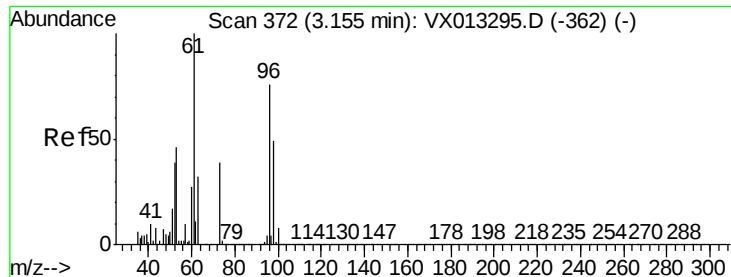
MMDadoda
11/18/2019 10:24:12 AM



#20
Methylene Chloride
Concen: 20.236 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.0	98.2	147.4
51	35.8	29.9	44.9
86	64.9	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 20.477 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 96 Resp: 140842

Ion Ratio Lower Upper

96 100

61 132.0 105.8 158.6

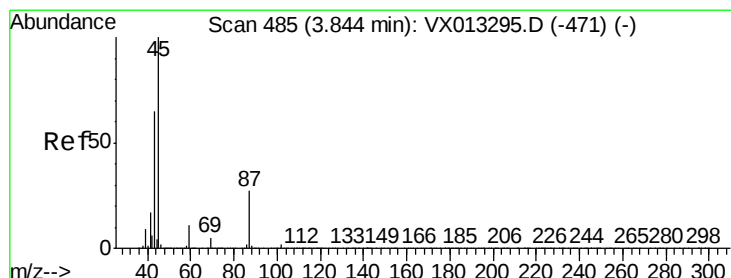
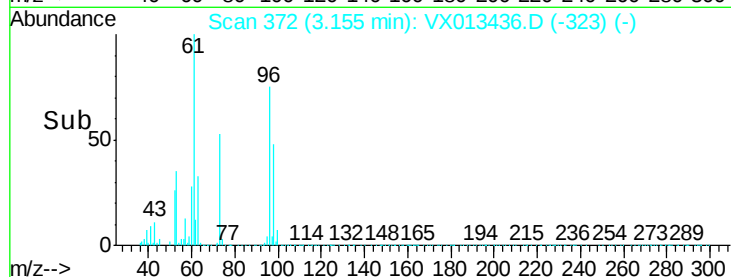
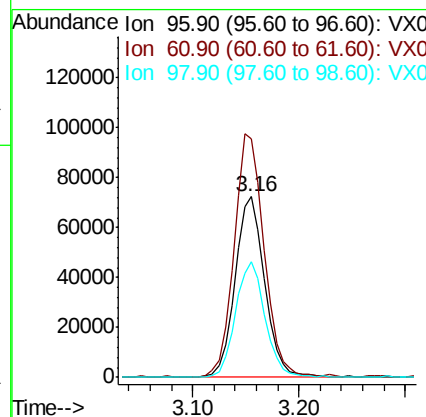
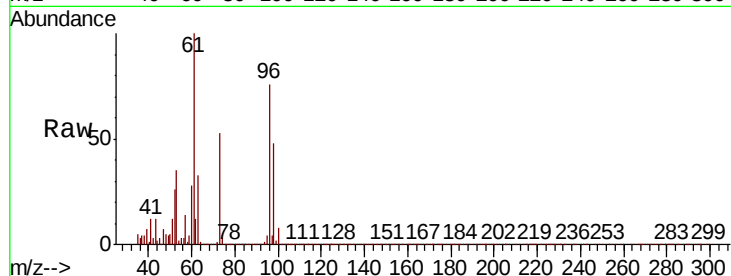
98 63.8 51.8 77.6

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#22

Diisopropyl ether

Concen: 22.117 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion: 45 Resp: 490084

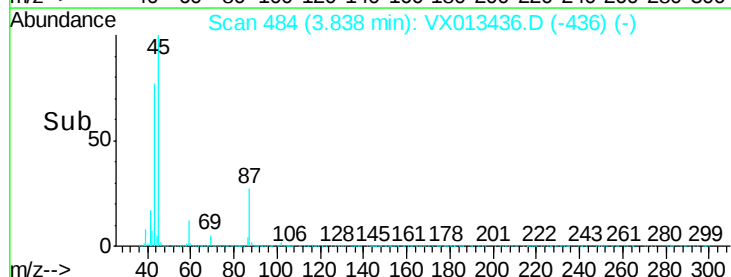
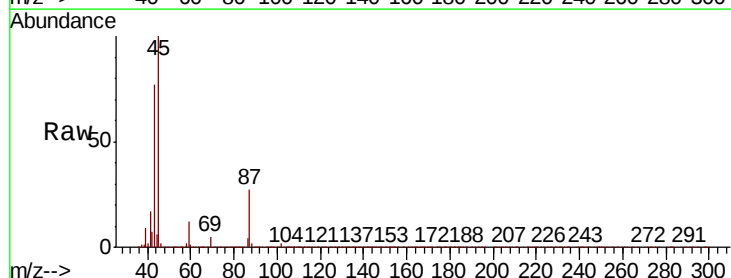
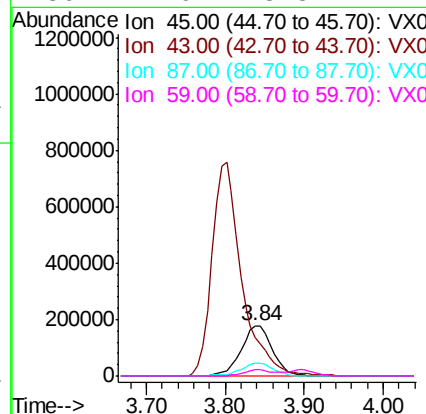
Ion Ratio Lower Upper

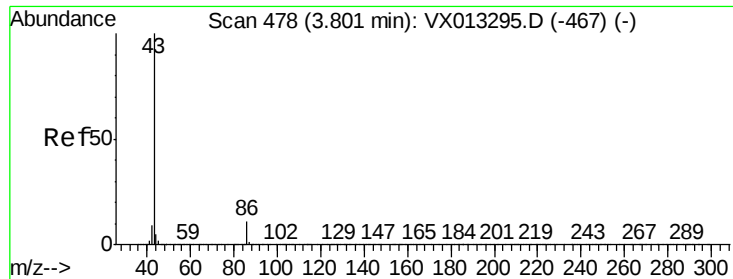
45 100

43 75.9 54.2 81.2

87 26.5 21.8 32.8

59 11.9 8.5 12.7





#23

Vinyl Acetate

Concen: 105.019 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 43 Resp: 1991306

Ion Ratio Lower Upper

43 100

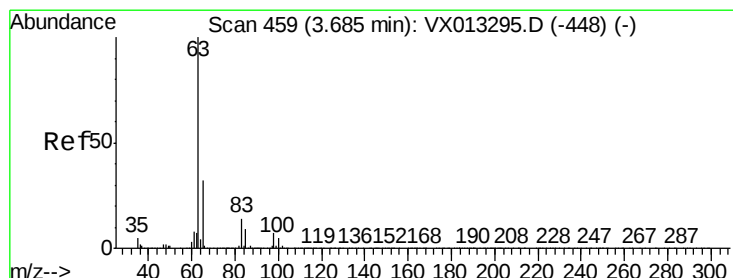
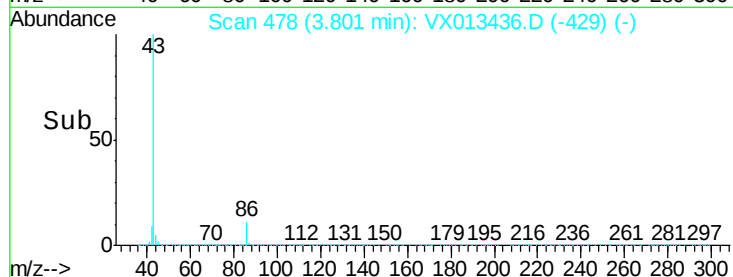
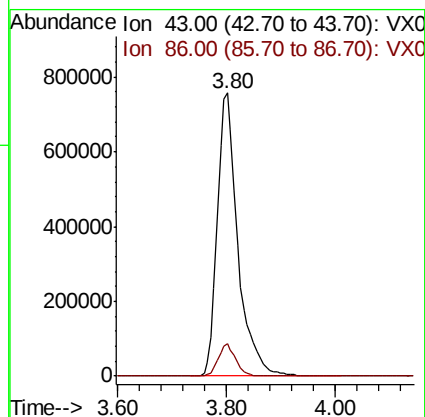
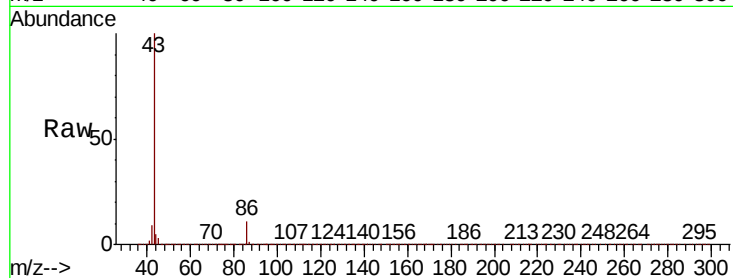
86 11.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.296 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

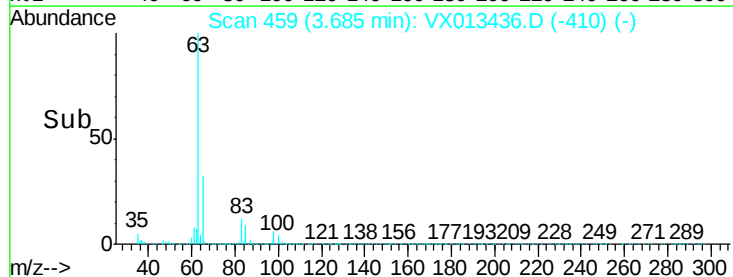
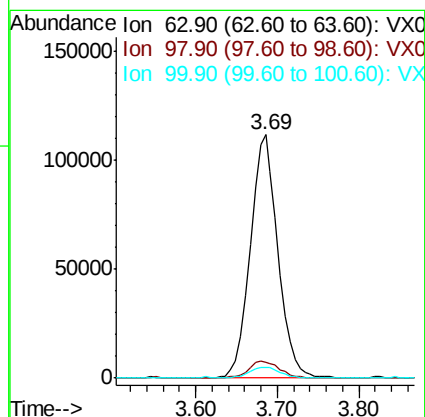
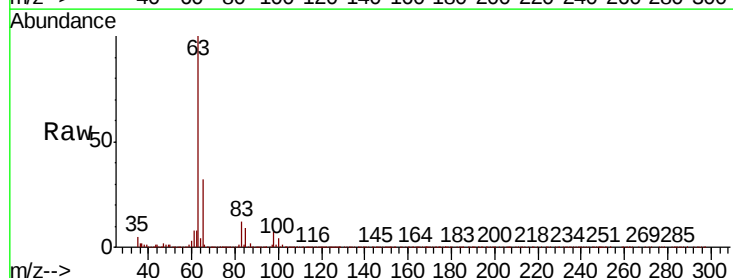
Tgt Ion: 63 Resp: 263980

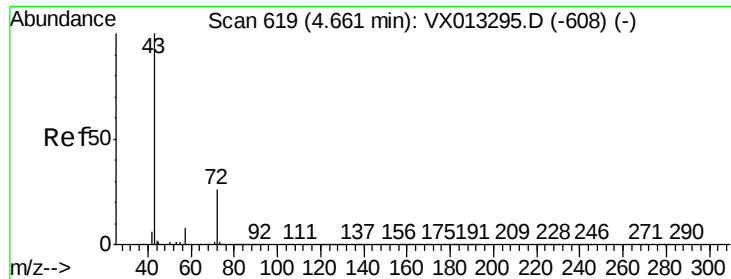
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 101.551 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 43 Resp: 606249

Ion Ratio Lower Upper

43 100

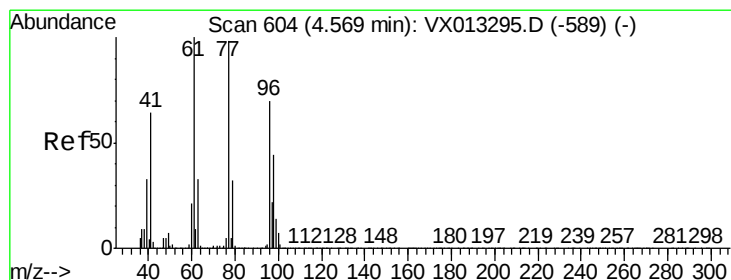
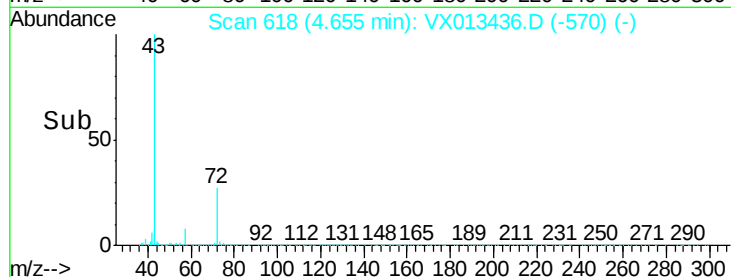
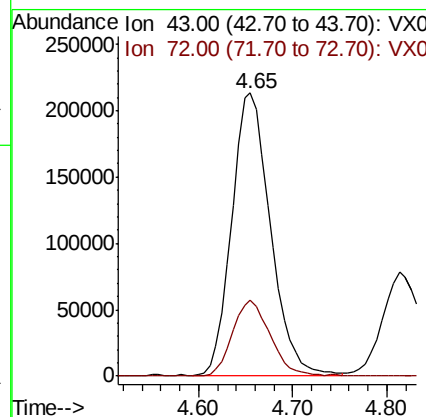
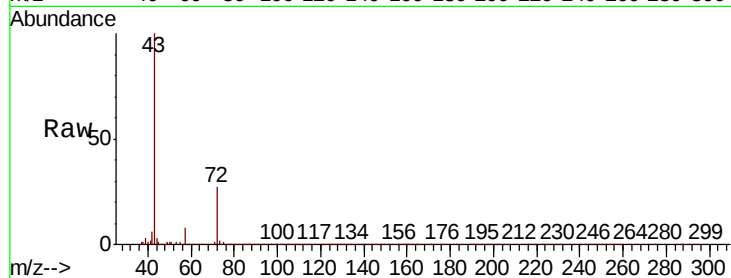
72 26.6 21.0 31.6

Manual Integrations

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11/18/2019 10:24:12 AM



#26

2,2-Dichloropropane

Concen: 21.865 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013436.D

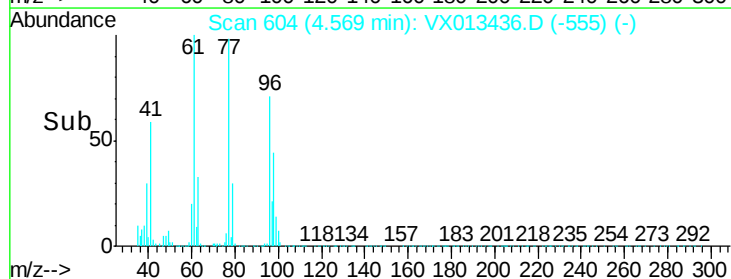
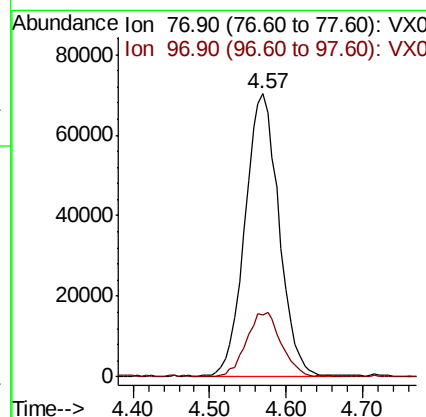
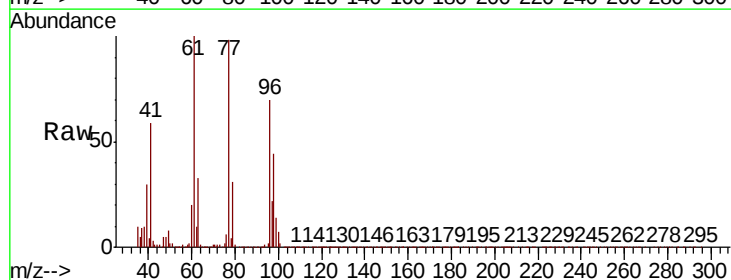
Acq: 15 Nov 2019 11:10

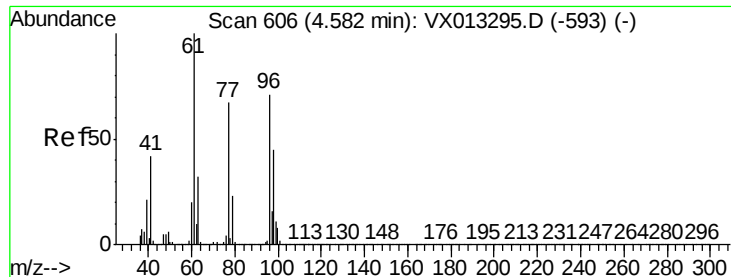
Tgt Ion: 77 Resp: 215620

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

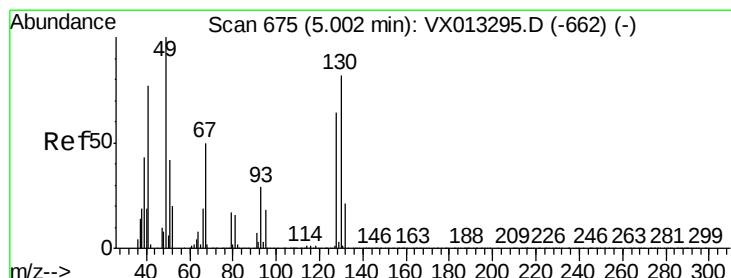
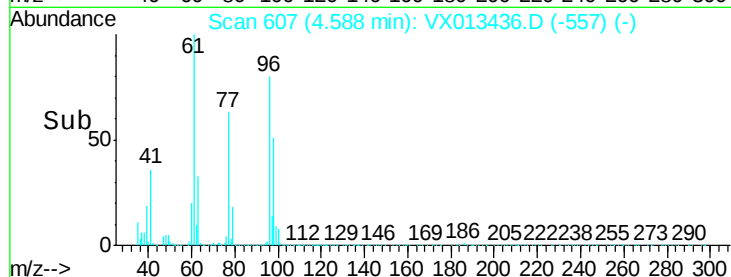
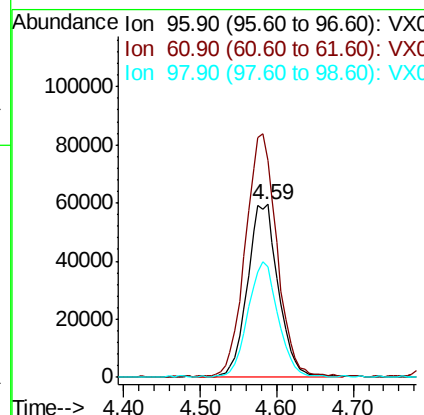
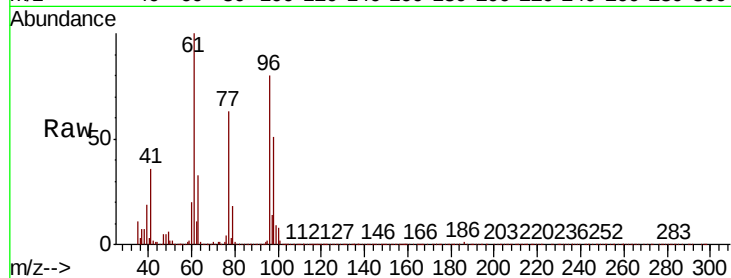
cis-1,2-Dichloroethene
Concen: 21.767 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	167710		
61	142.8	0.0	288.0	
98	64.1	0.0	129.6	

Manual Integrations
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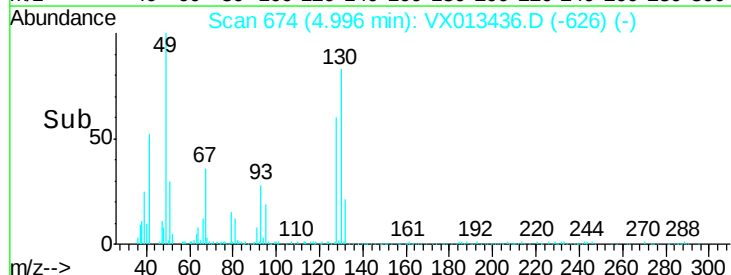
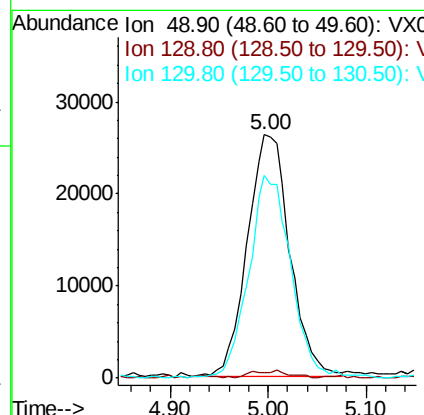
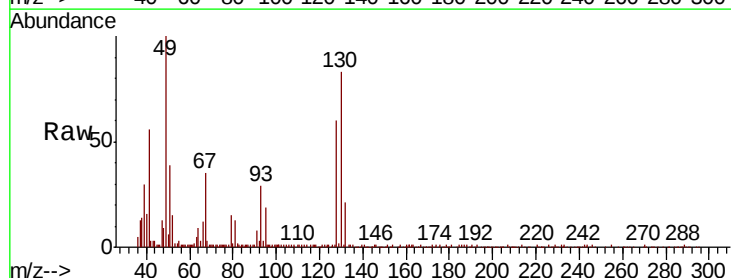
MMDadoda
11/18/2019 10:24:12 AM

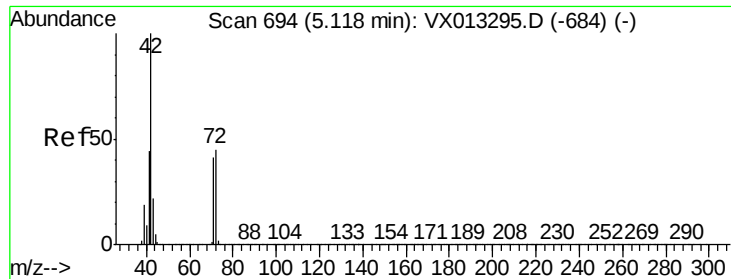


#28

Bromochloromethane
Concen: 22.412 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78883		
129	0.9	0.0	5.2	
130	84.4	63.8	95.6	





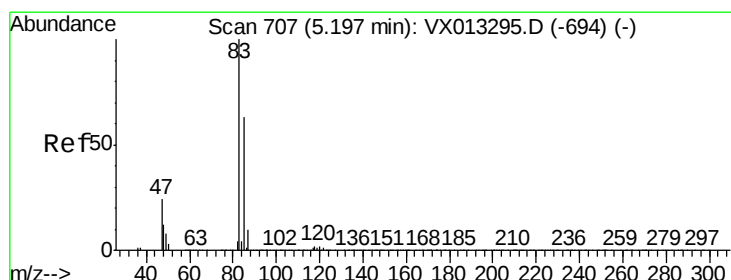
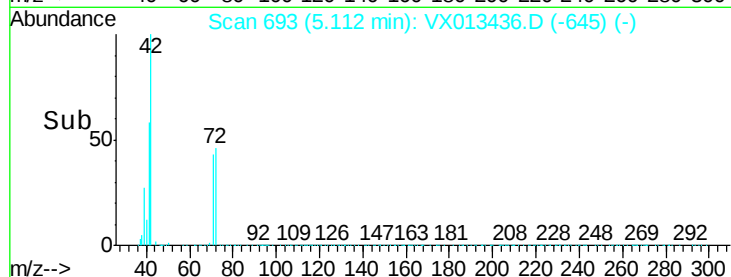
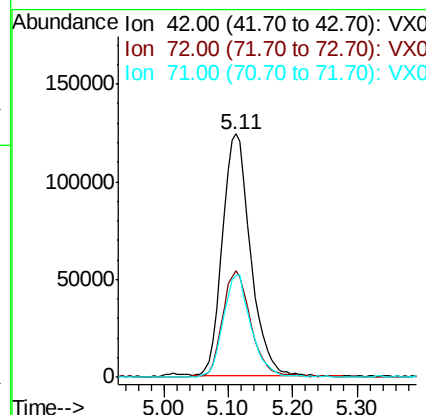
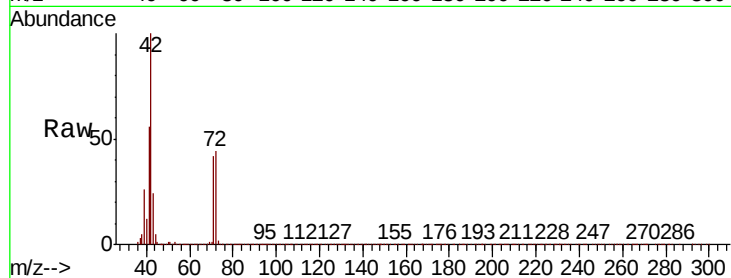
#29
Tetrahydrofuran
Concen: 103.654 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.8	53.8
71	41.3	33.4	50.0

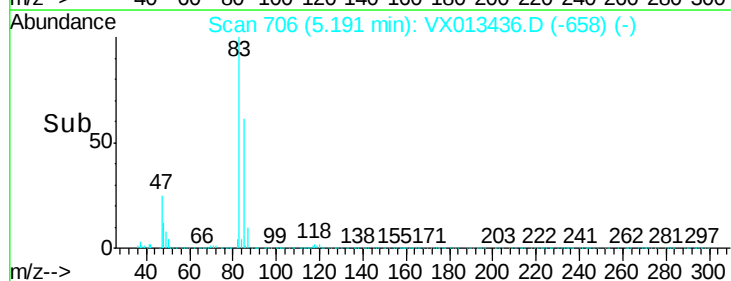
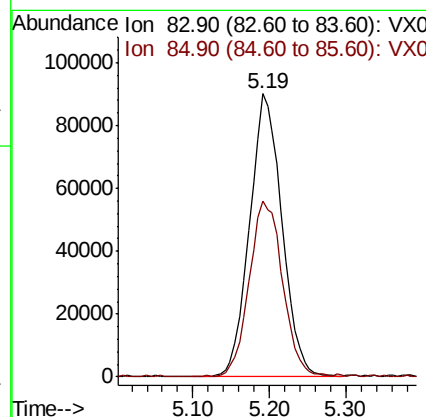
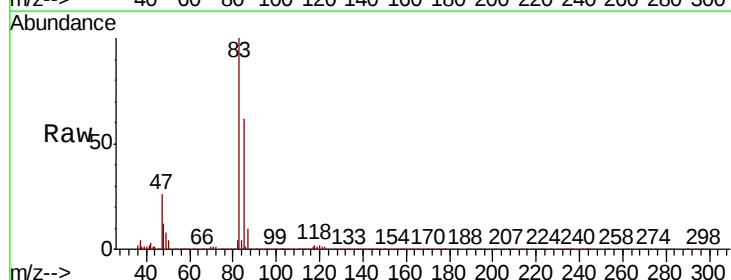
Manual Integrations
APPROVED

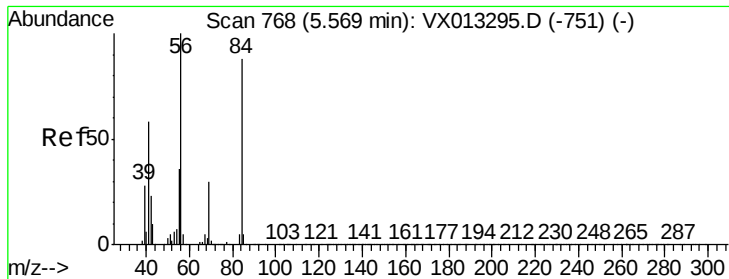
MMDadoda
11/18/2019 10:24:12 AM



#30
Chloroform
Concen: 21.631 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.2	75.4





#31

Cyclohexane

Concen: 20.901 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

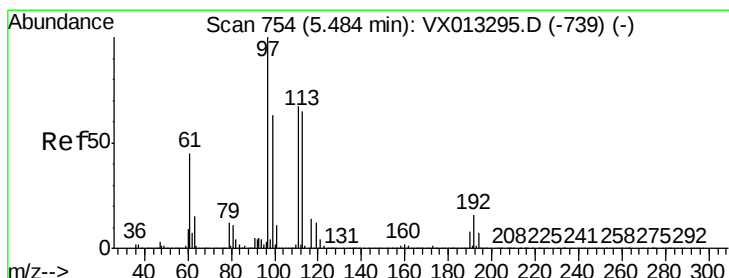
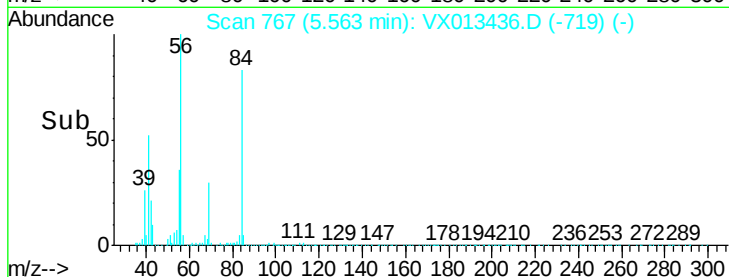
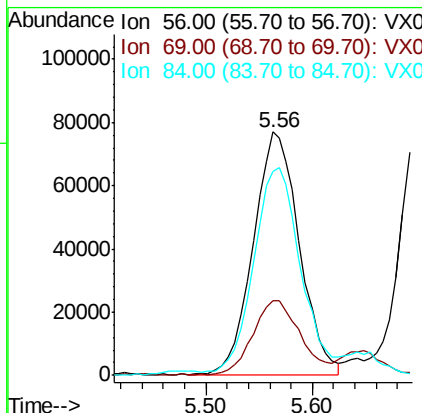
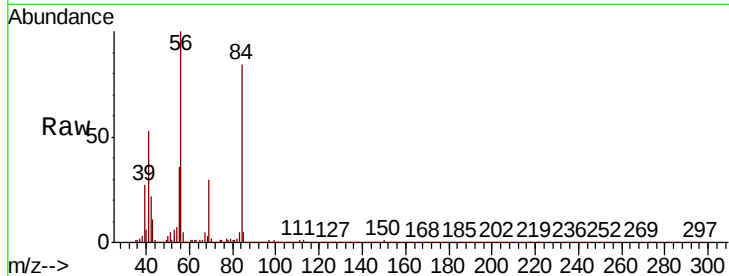
ClientSampleId :

VX1115WBS01

Tot Ion:	56	Resp:	233131
Ion Ratio	Lower	Upper	
56	100		
69	30.5	23.7	35.5
84	81.8	70.6	105.8

Manual Integrations
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MMDadoda
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#32

1,1,1-Trichloroethane

Concen: 20.352 ug/l

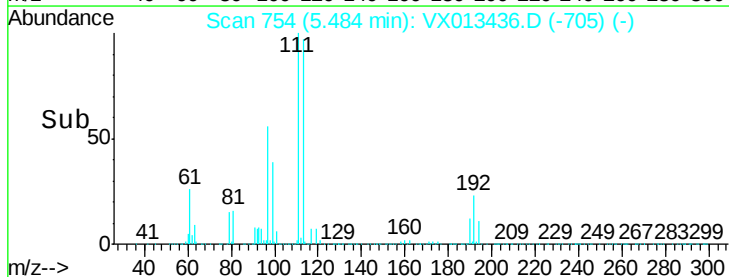
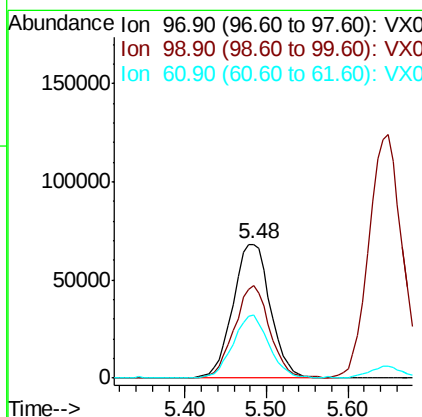
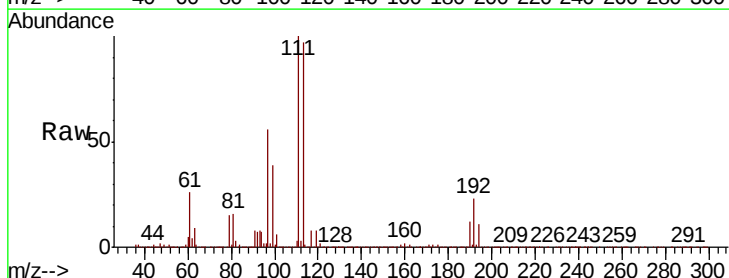
RT: 5.48 min Scan# 754

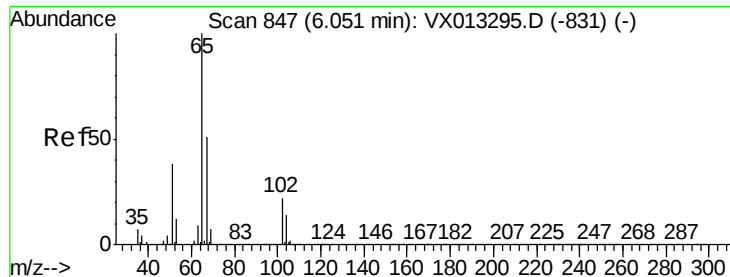
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	97	Resp:	214382
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.1	76.7
61	46.0	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 49.963 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WS01

Tot Ion: 65 Resp: 407628

Ion Ratio Lower Upper

65 100

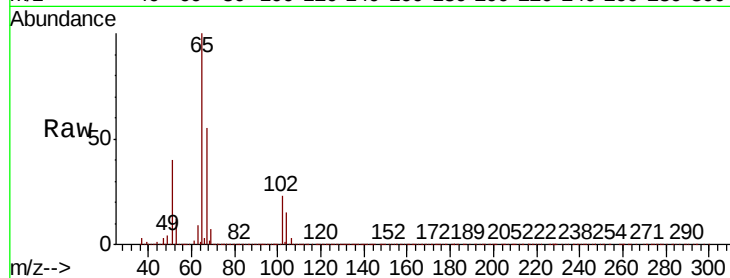
67 53.7 0.0 104.2

Manual Integrations

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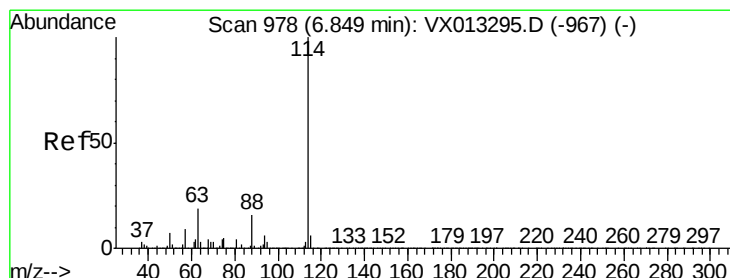
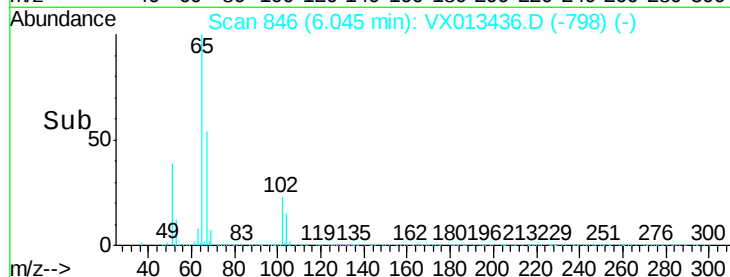
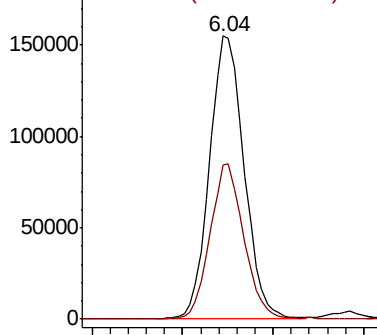
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

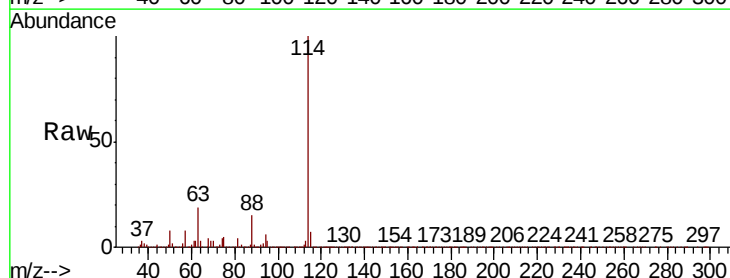
Tgt Ion: 114 Resp: 1036531

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

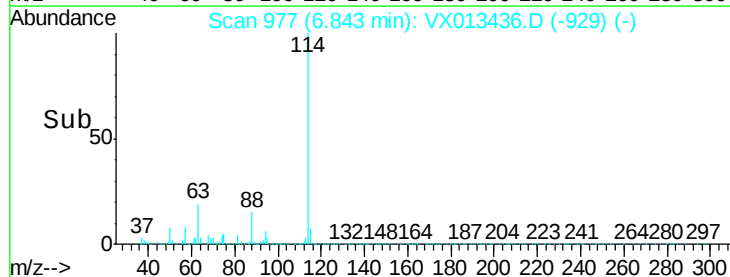
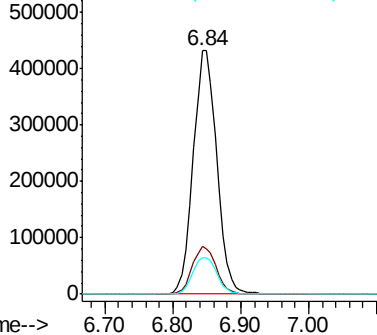
88 15.1 0.0 32.2

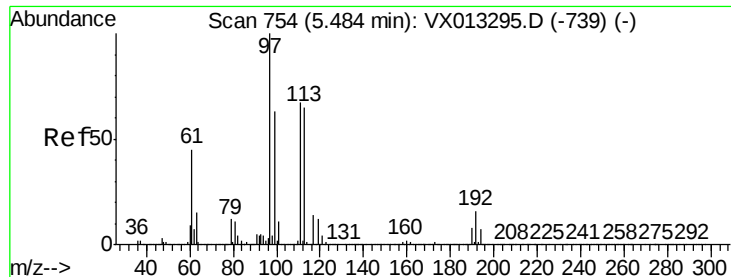


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





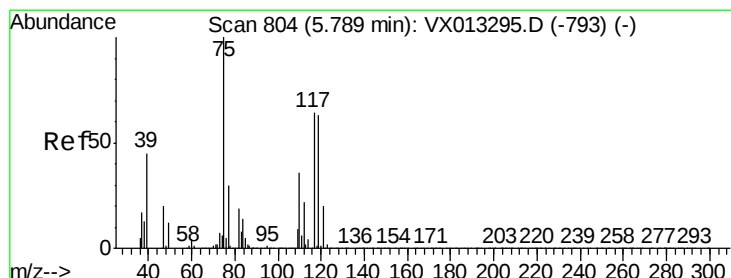
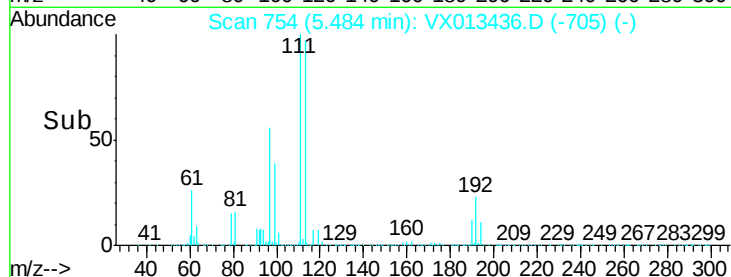
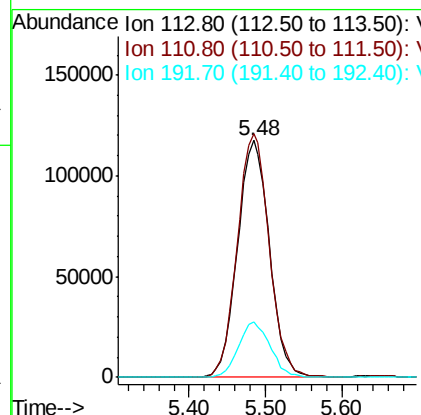
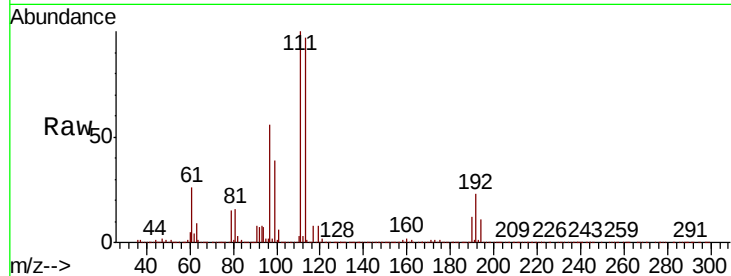
#35
Dibromofluoromethane
Concen: 51.998 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	81.9	122.9	
192	23.3	19.1	28.7	

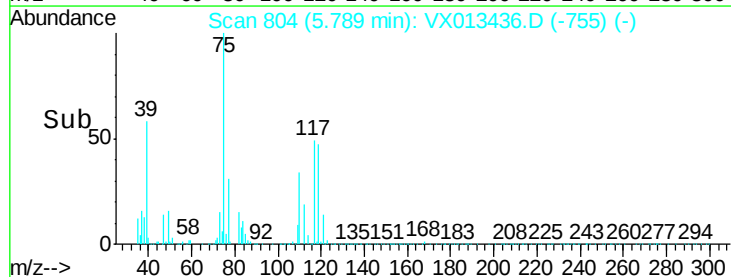
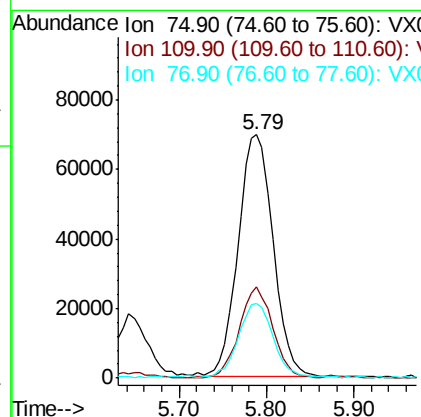
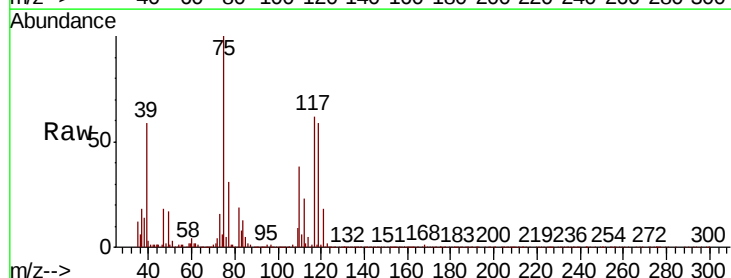
Manual Integrations
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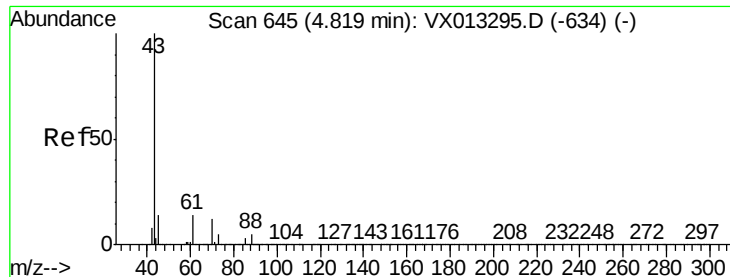
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11/18/2019 10:24:12 AM



#36
1,1-Dichloropropene
Concen: 21.888 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.2	18.1	54.1	
77	29.9	25.0	37.4	





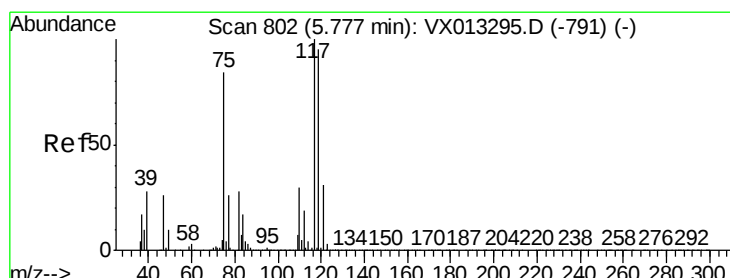
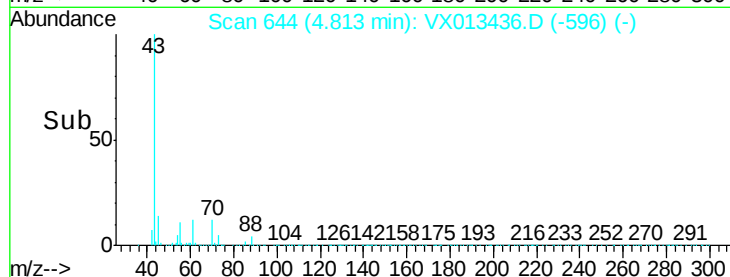
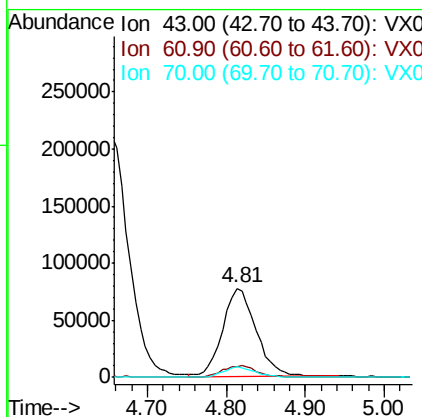
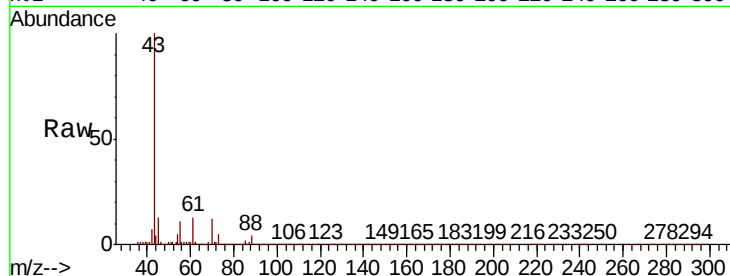
#37
Ethyl Acetate
Concen: 20.639 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	43	Resp	226773
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.7	16.1
70	11.2	8.7	13.1

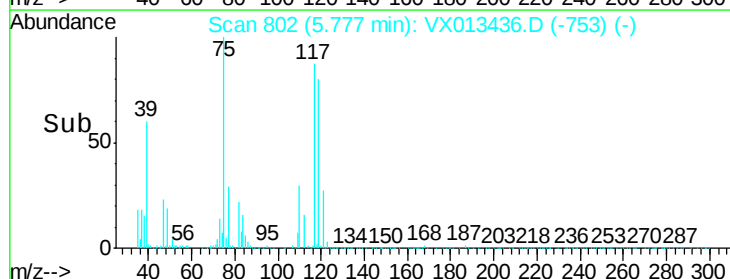
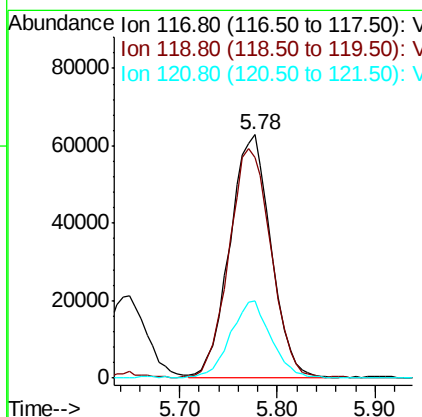
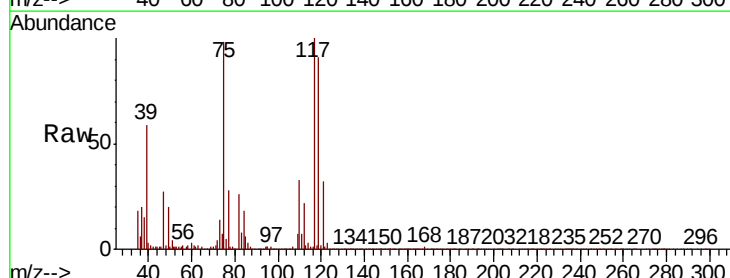
Manual Integrations
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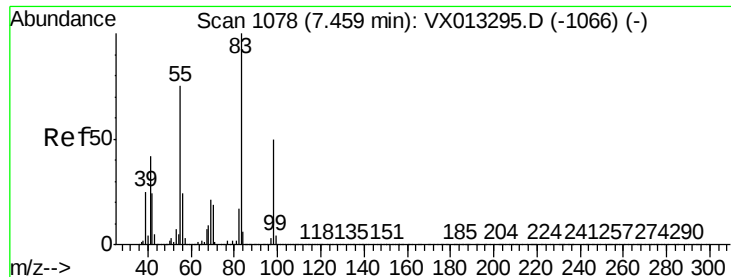
MMDadoda
11/18/2019 10:24:12 AM



#38
Carbon Tetrachloride
Concen: 20.973 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	117	Resp	182372
Ion Ratio	Lower	Upper	
117	100		
119	90.7	76.1	114.1
121	31.2	24.6	37.0





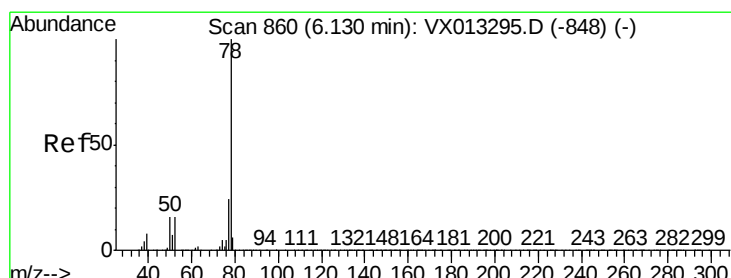
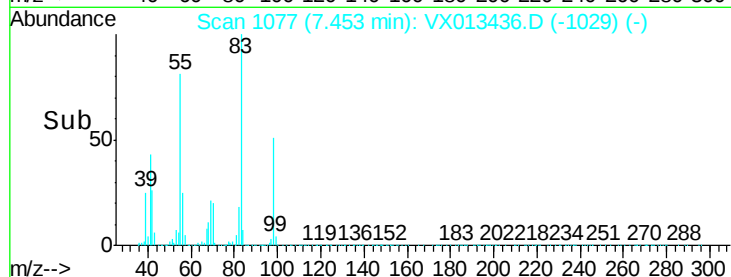
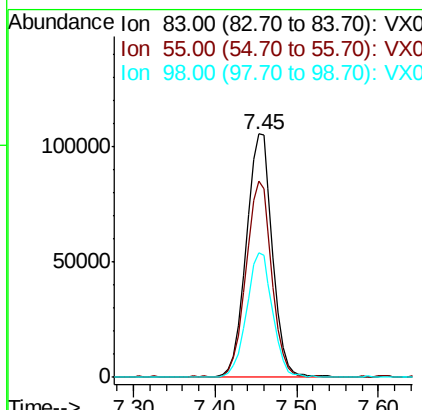
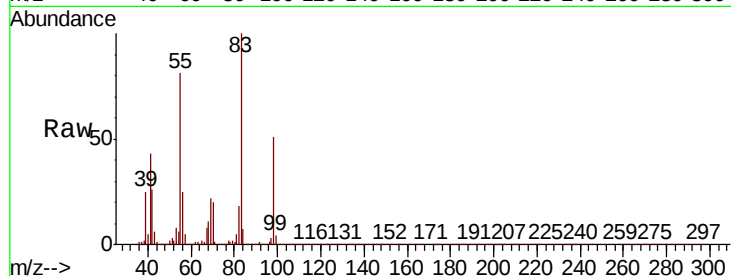
#39
Methvlcvclohexane
Concen: 21.187 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	60.3	90.5
98	50.9	40.3	60.5

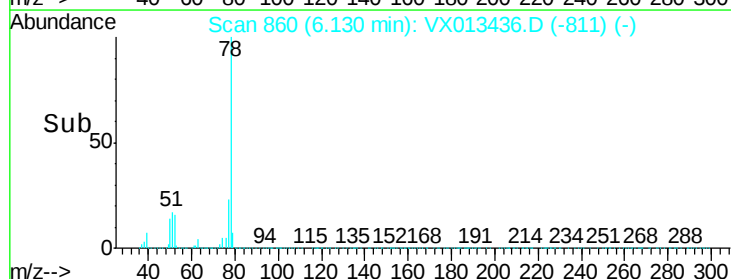
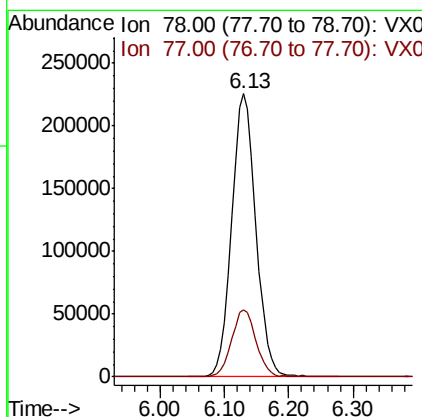
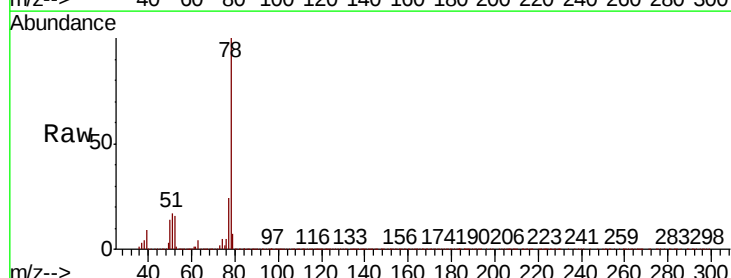
Manual Integrations
APPROVED

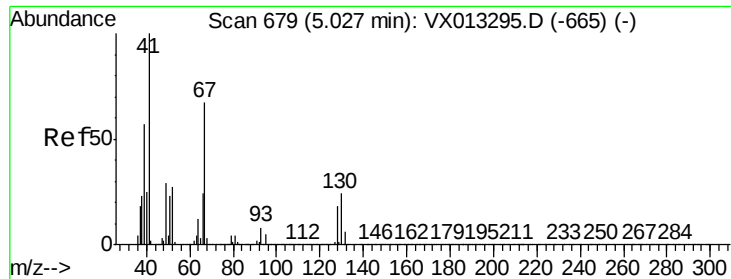
MMDadoda
11/18/2019 10:24:12 AM



#40
Benzene
Concen: 21.342 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





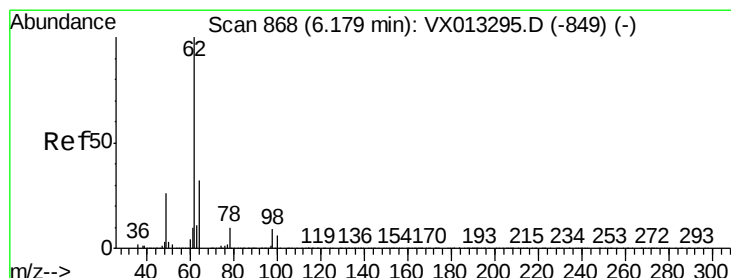
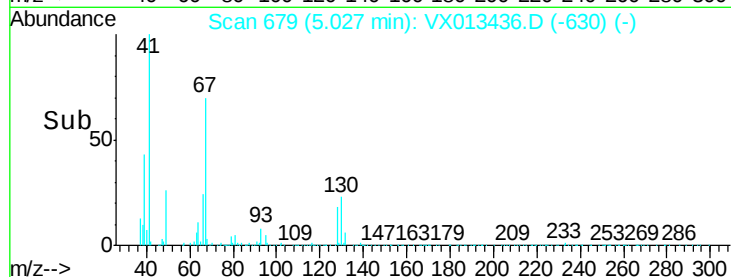
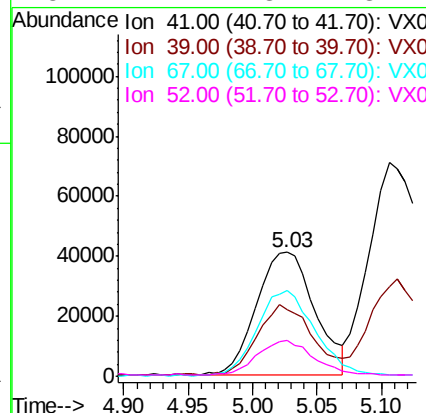
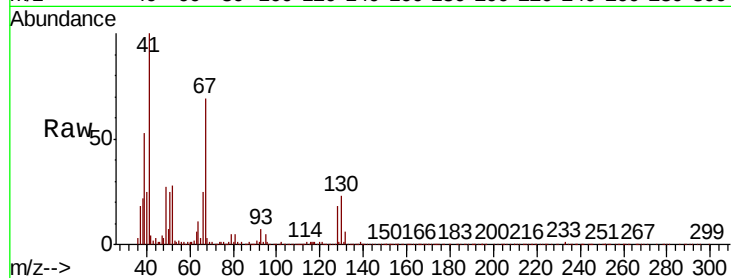
#41
Methacrylonitrile
Concen: 20.974 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		129173		
39	53.8	45.0	67.6		
67	68.0	55.4	83.2		
52	27.4	23.1	34.7		

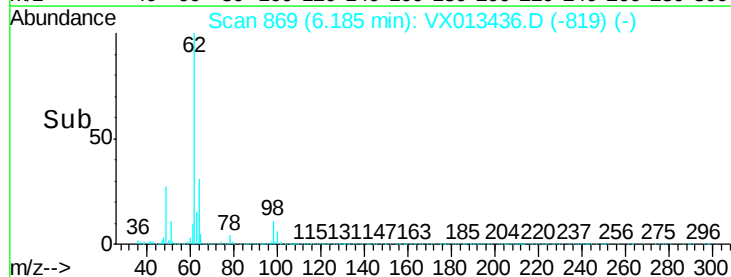
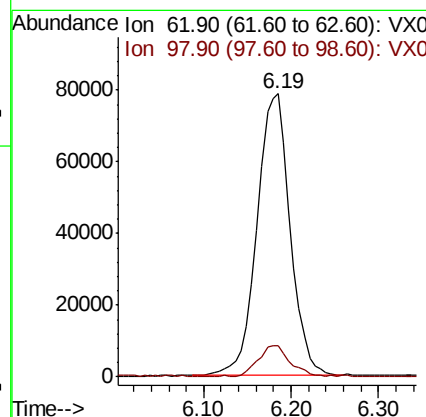
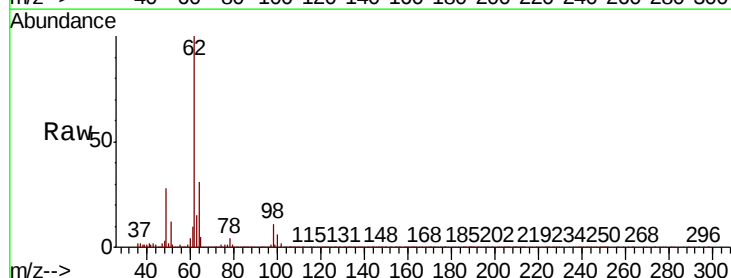
Manual Integrations
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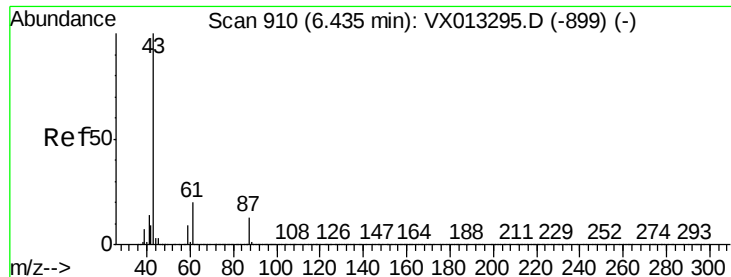
MMDadoda
11/18/2019 10:24:12 AM



#42
1,2-Dichloroethane
Concen: 20.798 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		207799		
98	10.4	0.0	19.4		





#43

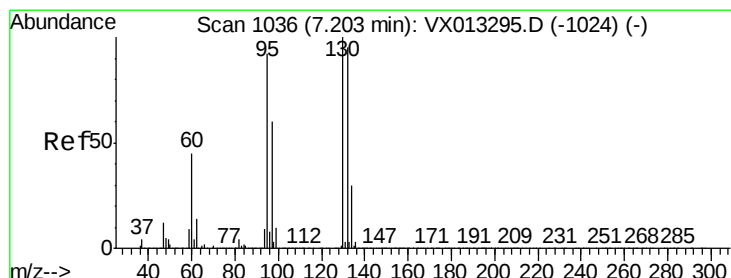
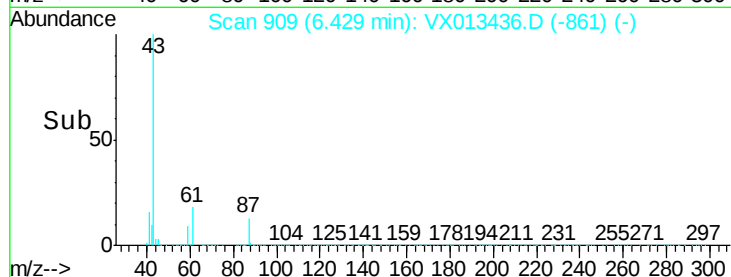
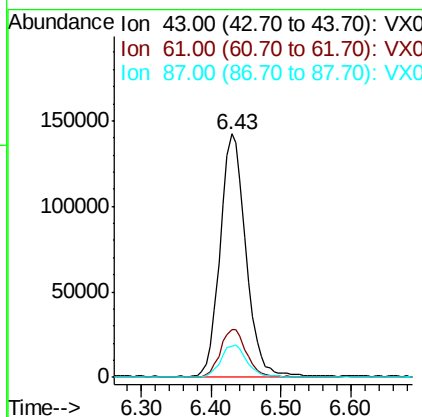
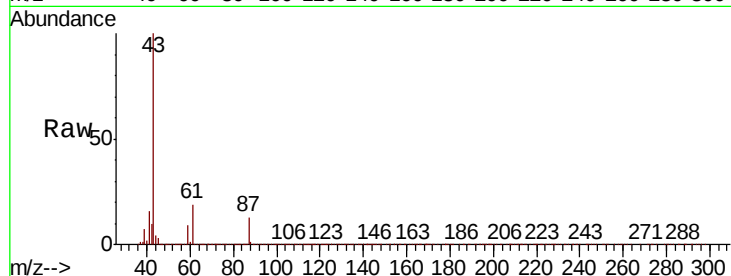
Isopropyl Acetate
 Concen: 21.193 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.8	23.8
87	13.4	10.4	15.6

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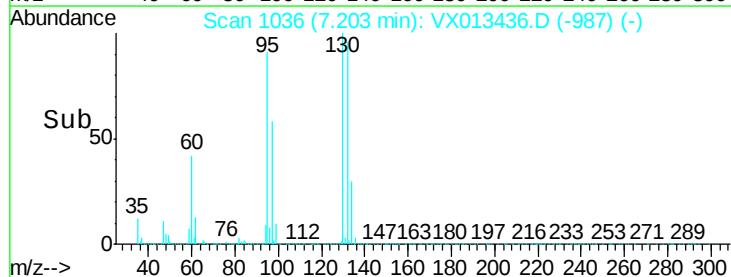
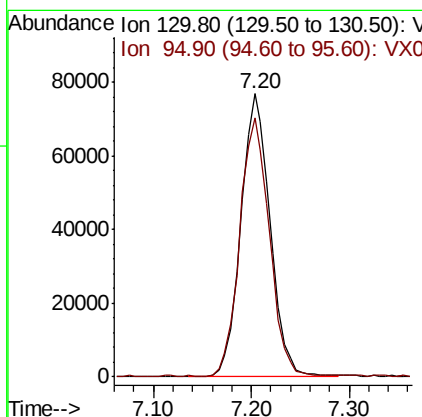
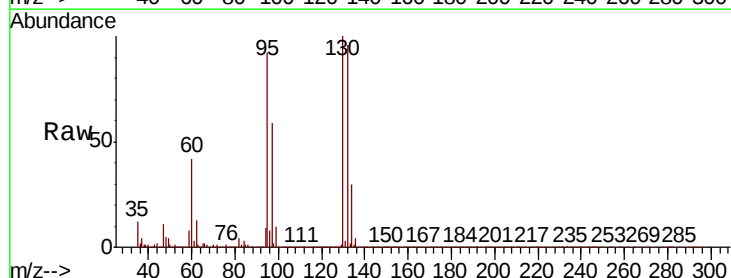
MMDadoda
 11/18/2019 10:24:12 AM

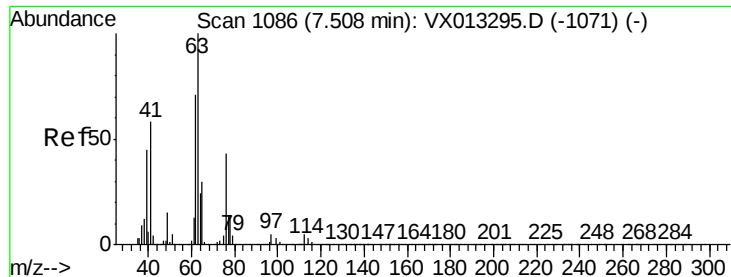


#44

Trichloroethene
 Concen: 20.812 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.8





#45

1,2-Dichloropropane

Concen: 21.759 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 63 Resp: 153567

Ion Ratio Lower Upper

63 100

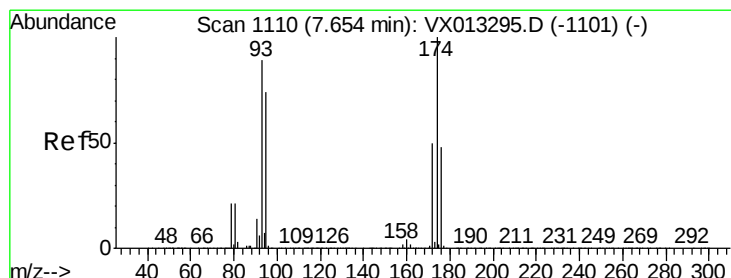
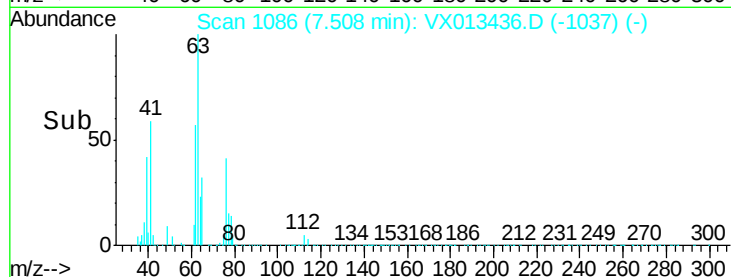
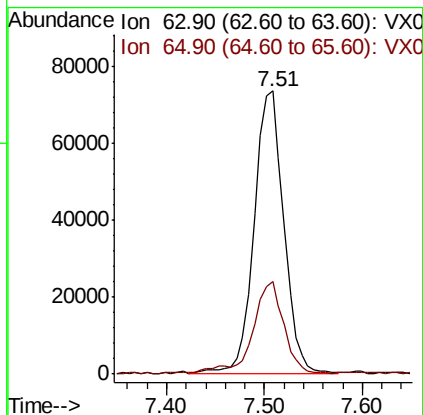
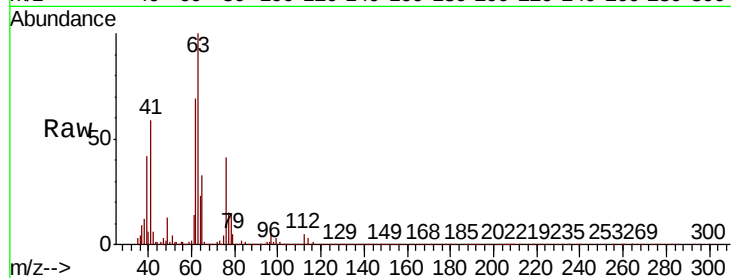
65 32.1 24.3 36.5

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#46

Dibromomethane

Concen: 20.606 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

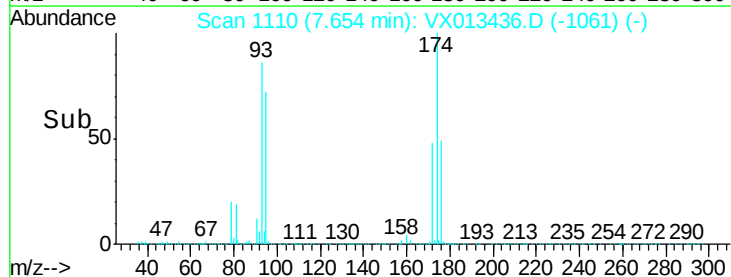
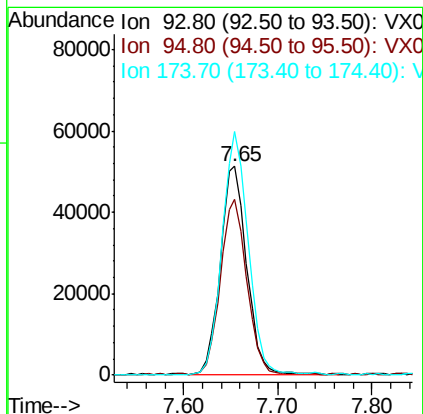
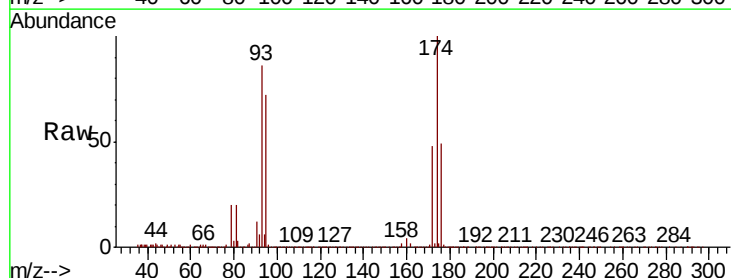
Tgt Ion: 93 Resp: 99294

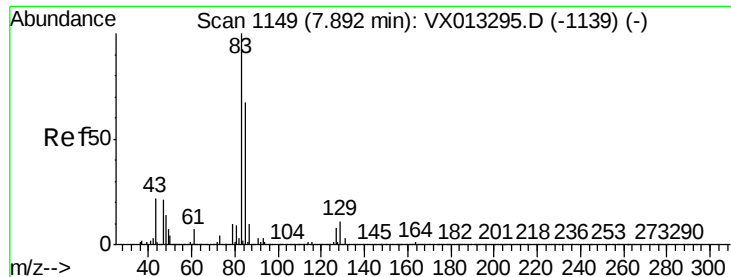
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.6

174 115.2 90.4 135.6





#47

Bromodichloromethane

Concen: 21.540 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

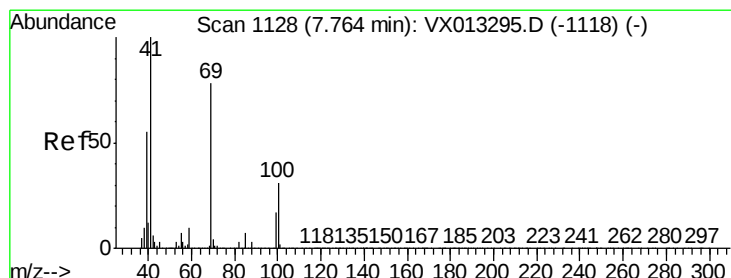
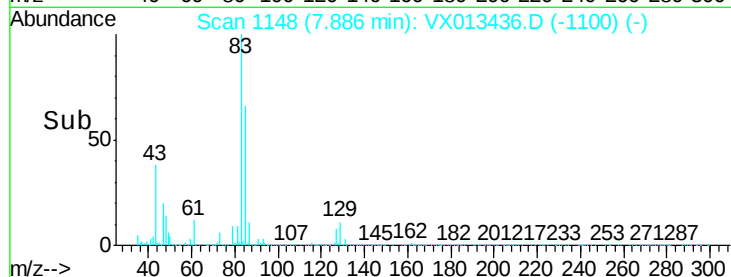
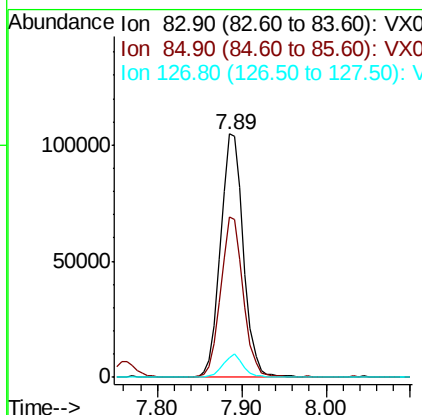
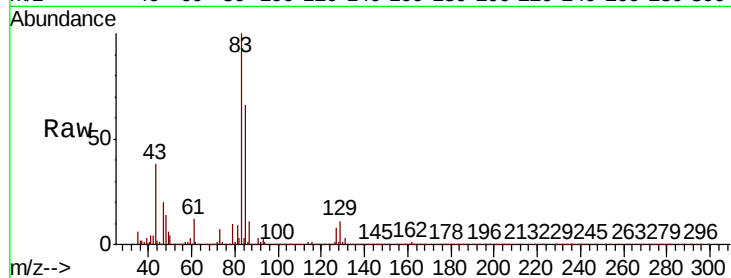
ClientSampleId :

VX1115WBS01

Tot Ion:	83	Resp:	195725
Ion Ratio	Lower	Upper	
83	100		
85	65.9	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.082 ug/l

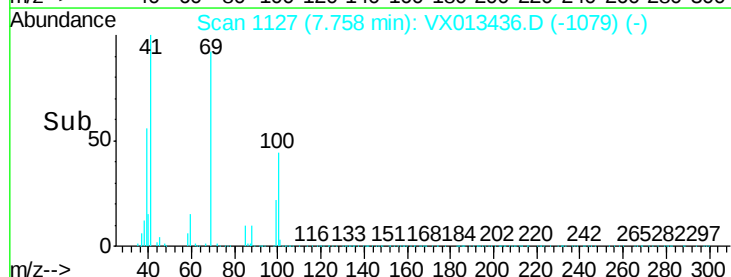
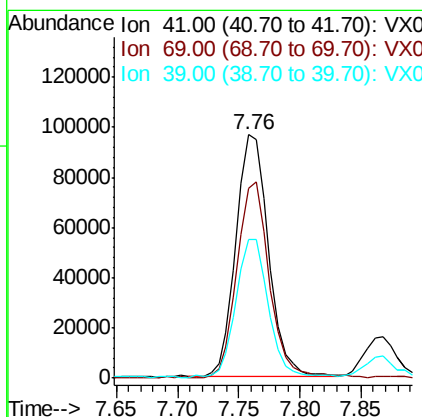
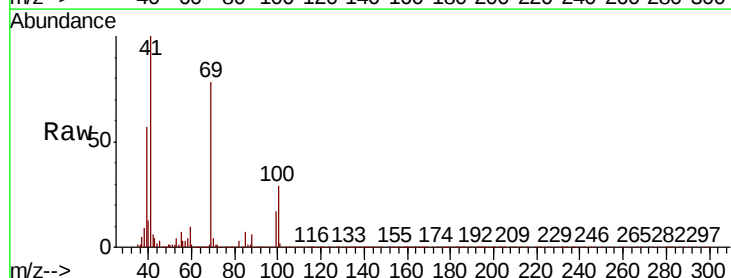
RT: 7.76 min Scan# 1127

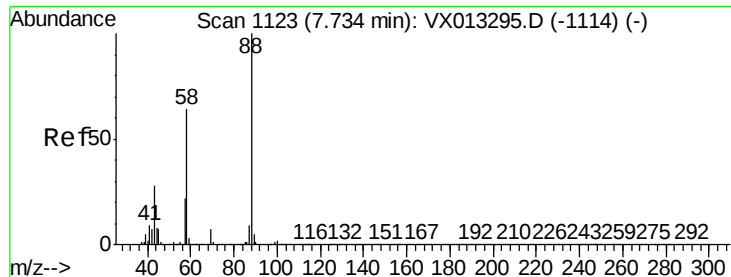
Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	41	Resp:	180062
Ion Ratio	Lower	Upper	
41	100		
69	79.6	63.0	94.6
39	57.0	45.9	68.9





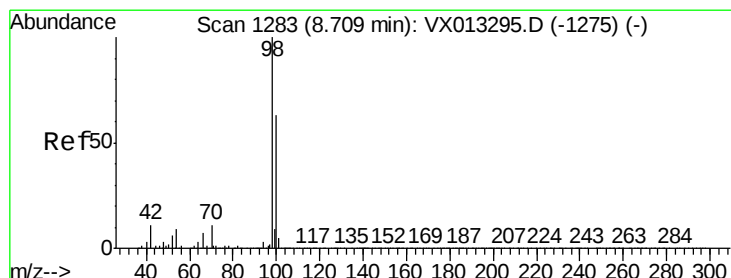
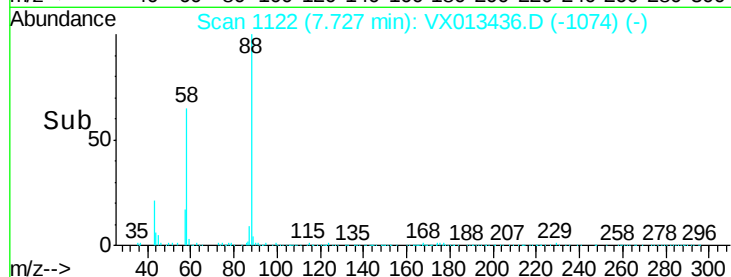
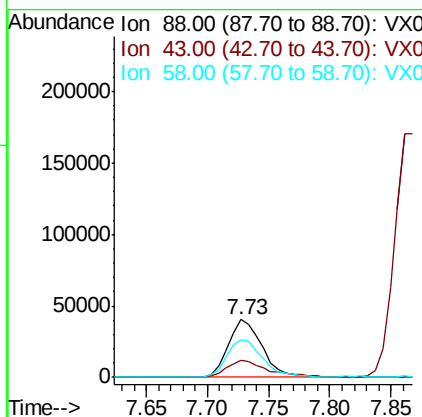
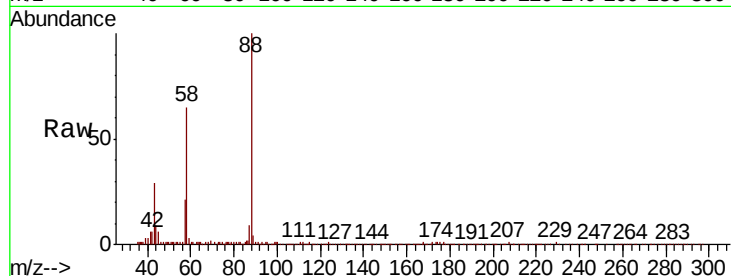
#49
1,4-Dioxane
Concen: 390.762 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	71.6	55.0	82.6

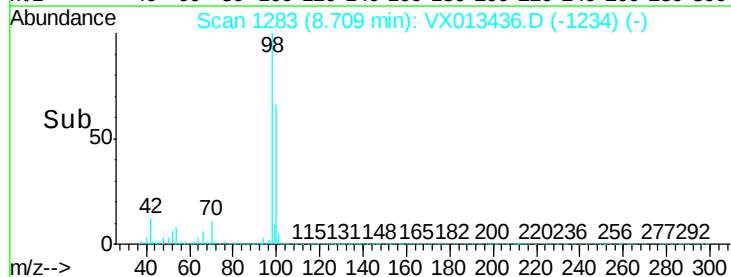
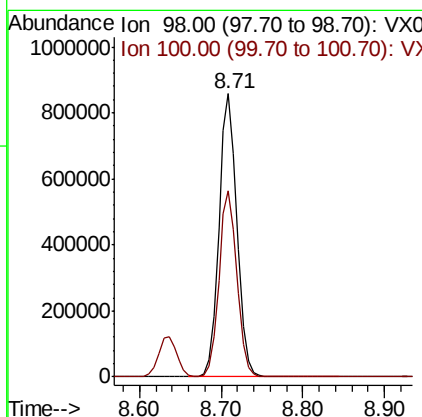
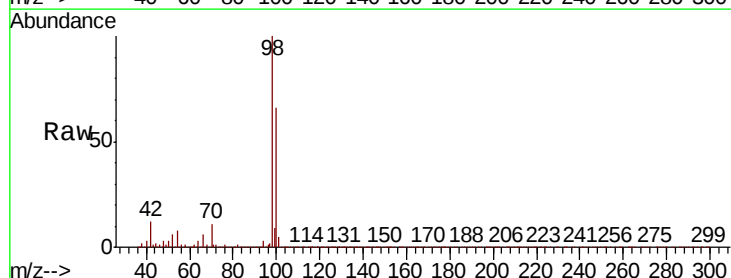
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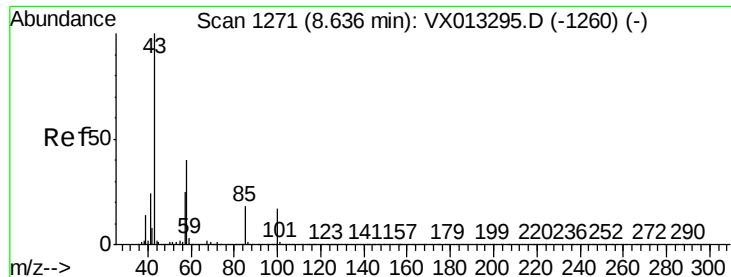
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#50
Toluene-d8
Concen: 53.495 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





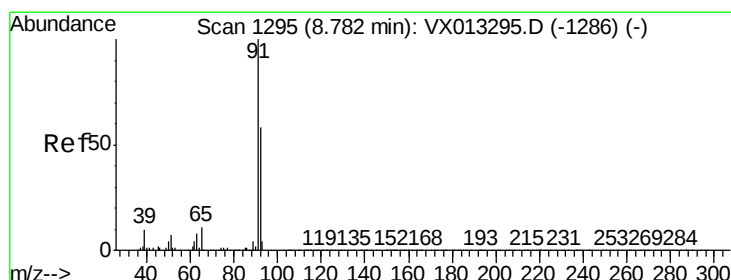
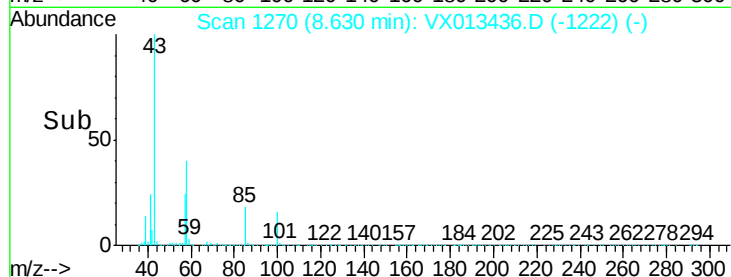
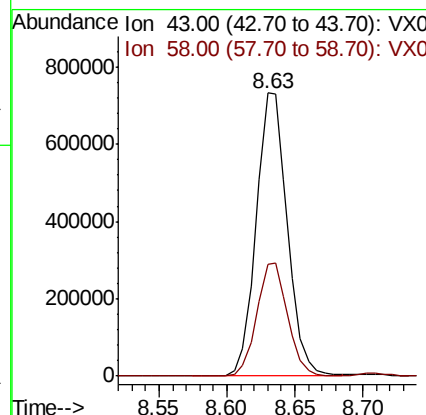
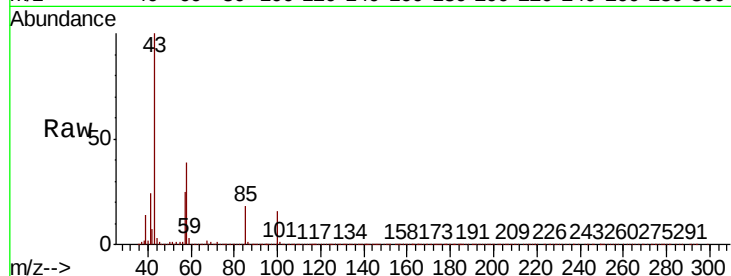
#51
4-Methyl-2-Pentanone
Concen: 104.744 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion: 43 Resp: 1175803
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.0

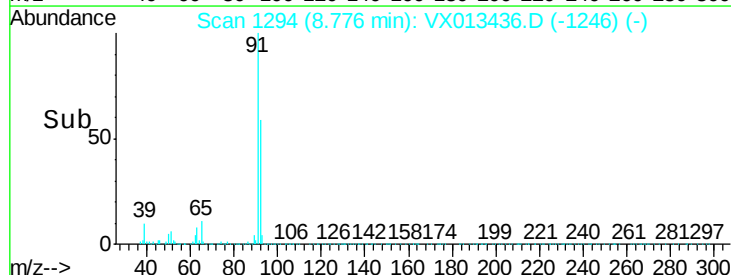
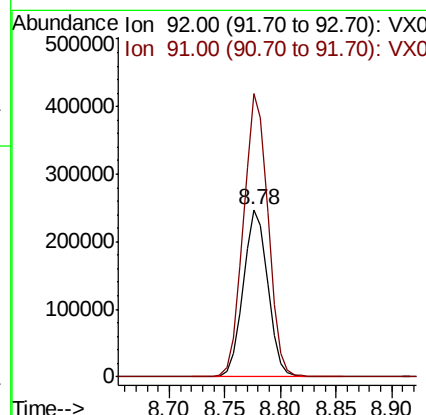
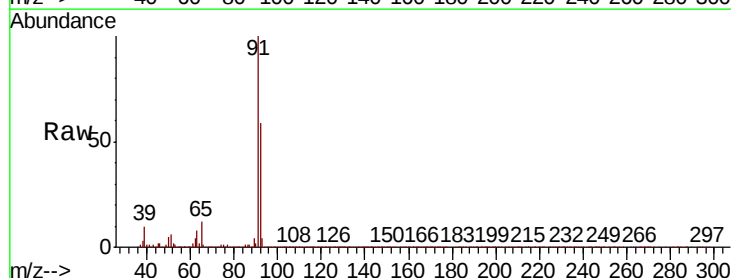
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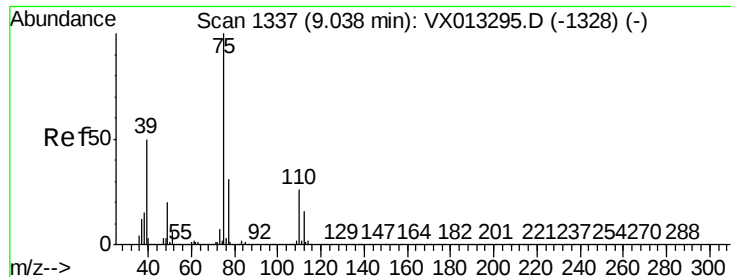
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#52
Toluene
Concen: 21.925 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 92 Resp: 376401
Ion Ratio Lower Upper
92 100
91 170.1 138.0 207.0





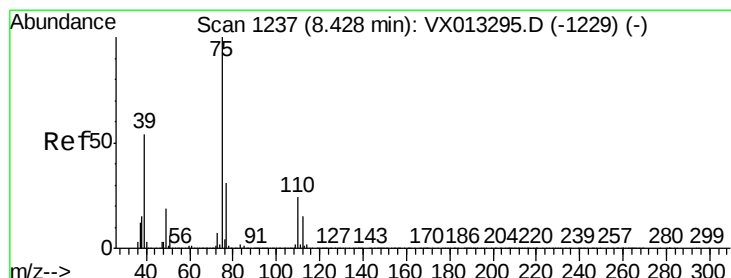
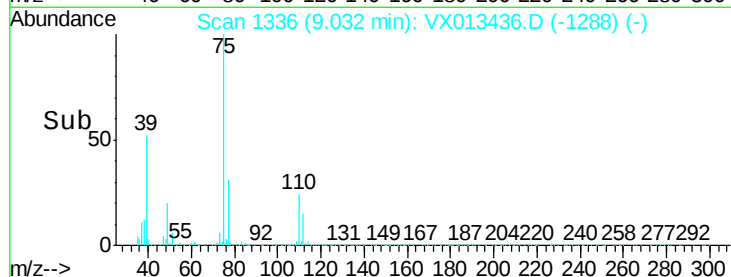
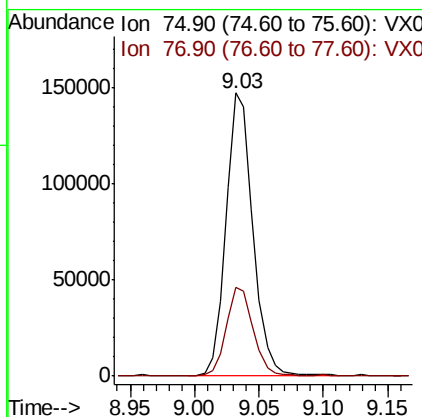
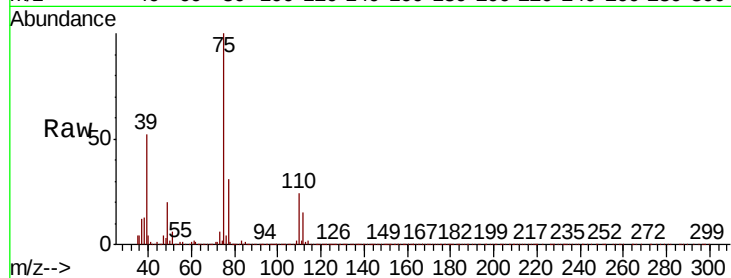
#53
t-1,3-Dichloropropene
Concen: 21.623 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion: 75 Resp: 214849
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

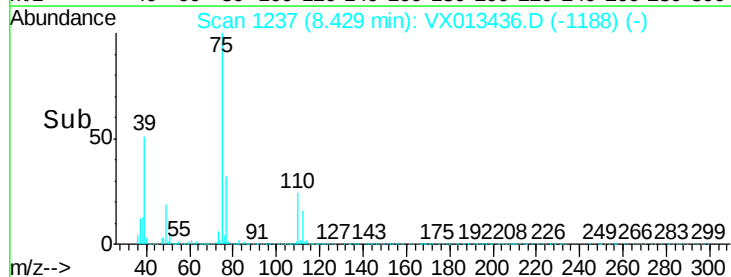
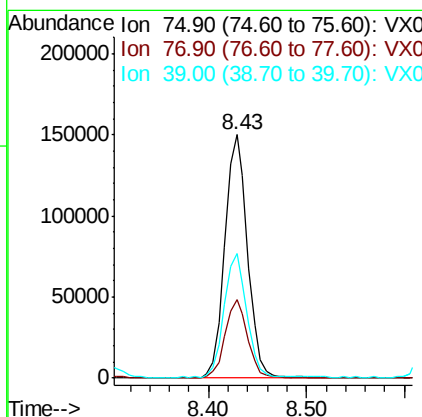
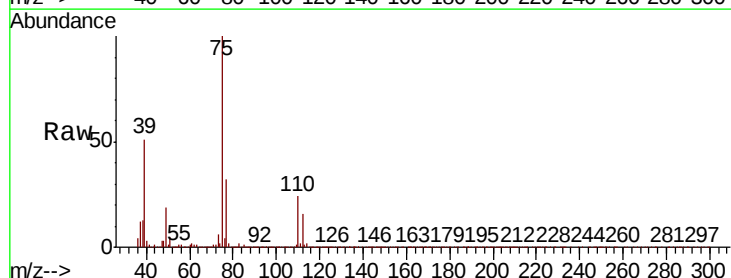
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#54
cis-1,3-Dichloropropene
Concen: 21.723 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 75 Resp: 241439
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 50.9 43.0 64.6





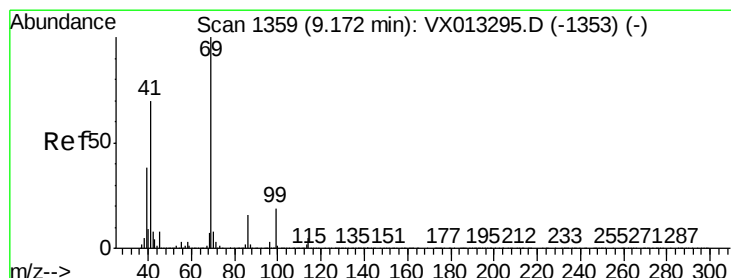
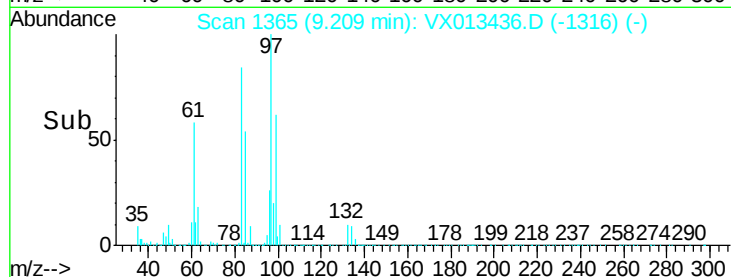
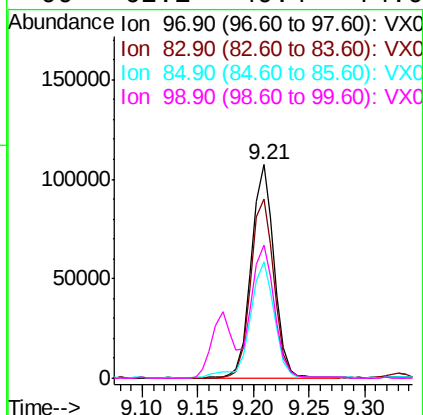
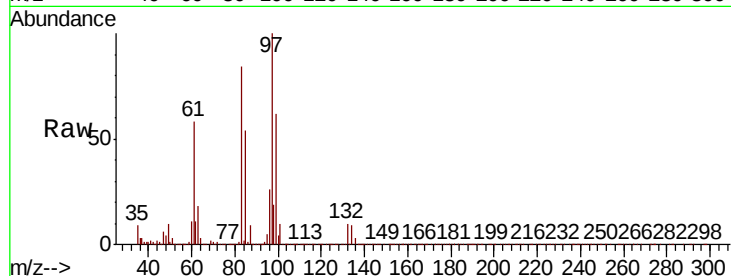
#55
 1,1,2-Trichloroethane
 Concen: 21.536 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153243		
83	83.9	68.6	103.0		
85	54.3	43.1	64.7		
99	62.1	49.4	74.0		

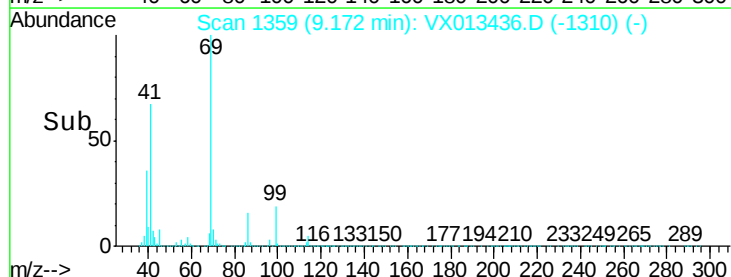
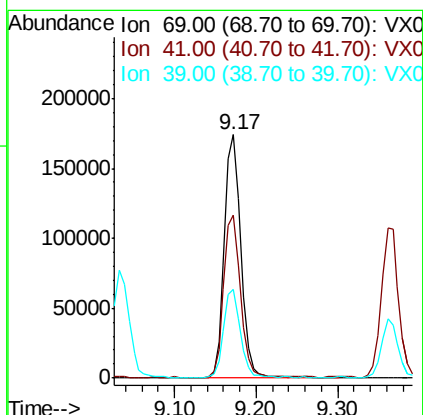
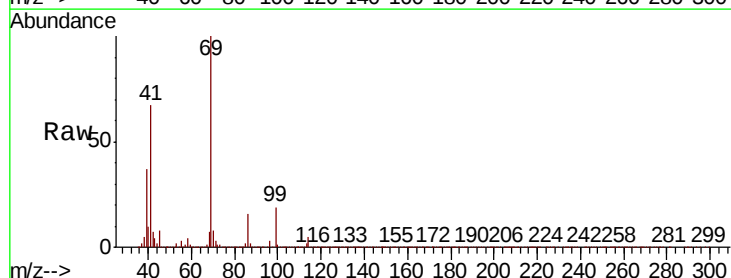
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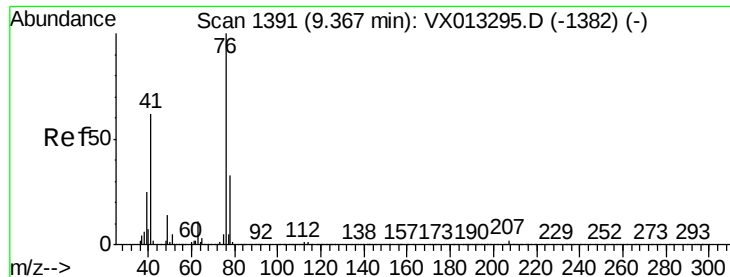
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#56
 Ethyl methacrylate
 Concen: 21.050 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		244372		
41	68.8	56.2	84.2		
39	36.2	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 21.681 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 76 Resp: 261886

Ion Ratio Lower Upper

76 100

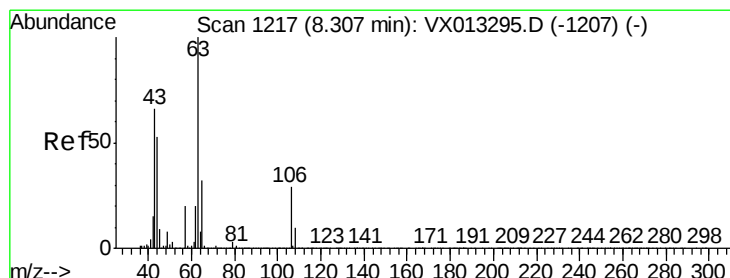
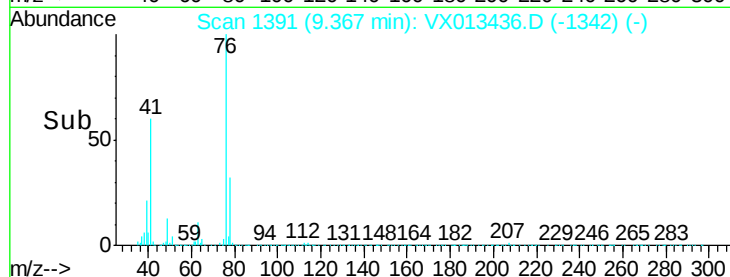
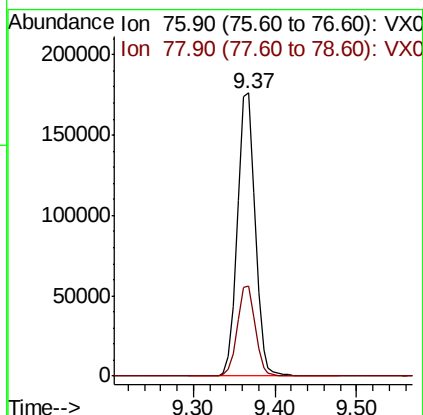
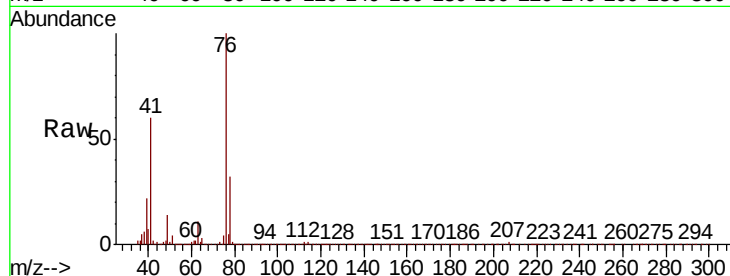
78 32.4 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 102.421 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013436.D

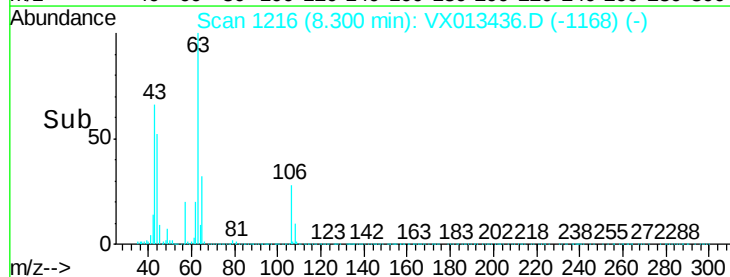
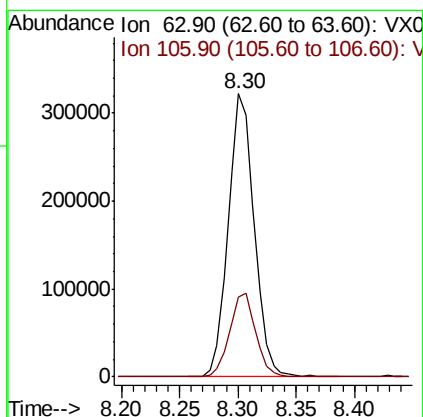
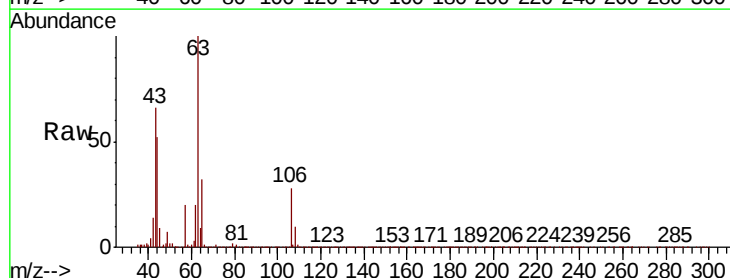
Acq: 15 Nov 2019 11:10

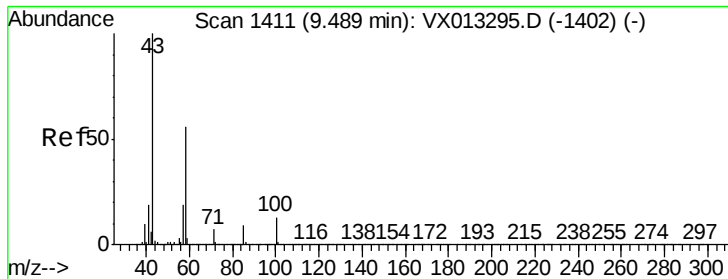
Tgt Ion: 63 Resp: 498320

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.2





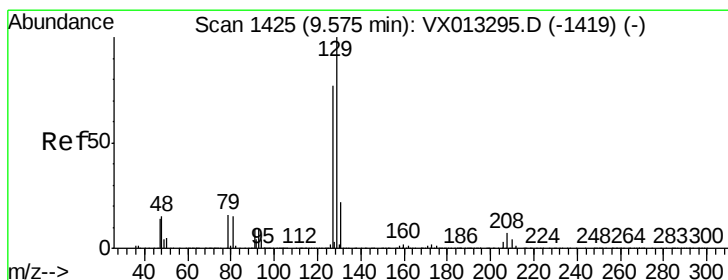
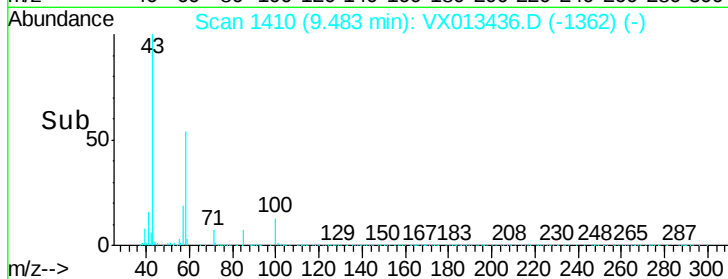
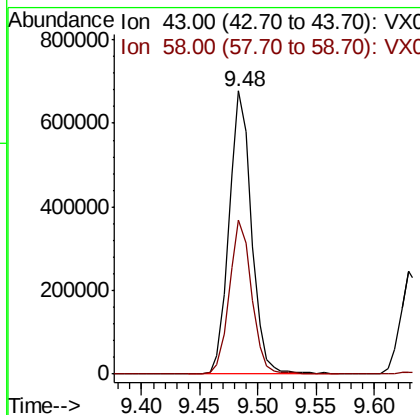
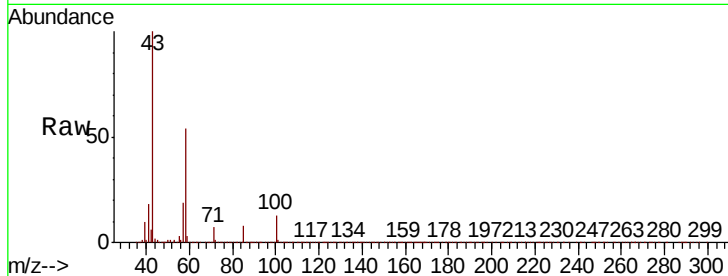
#59
2-Hexanone
Concen: 104.340 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.3	81.8

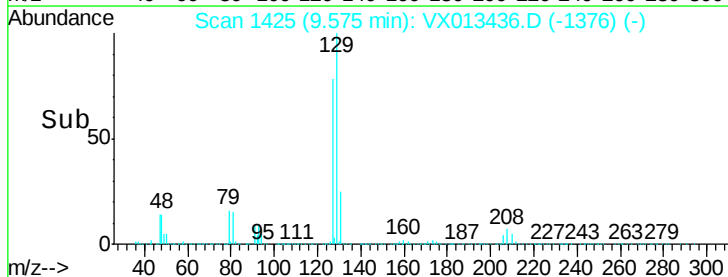
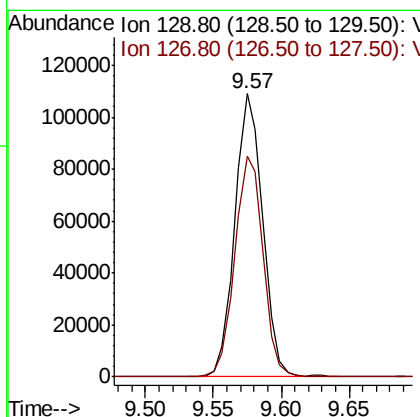
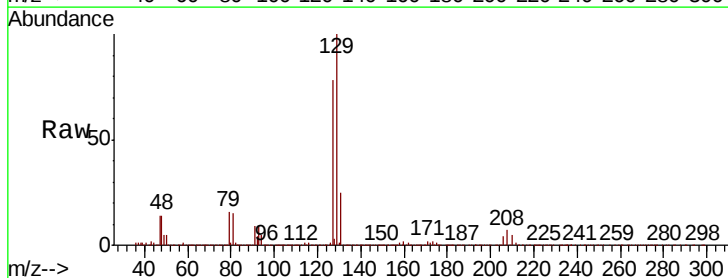
Manual Integrations
APPROVED

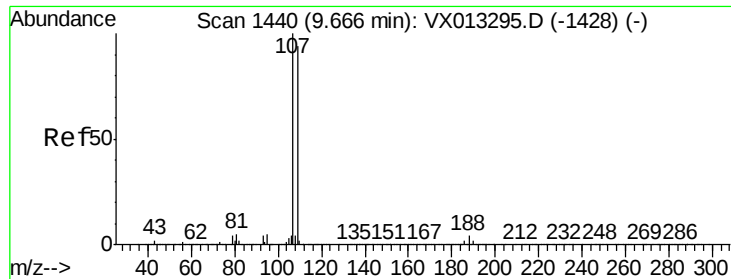
MMDadoda
11/18/2019 10:24:12 AM



#60
Dibromochloromethane
Concen: 21.282 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.1	117.2





#61

1,2-Dibromoethane

Concen: 21.023 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 107 Resp: 158849

Ion Ratio Lower Upper

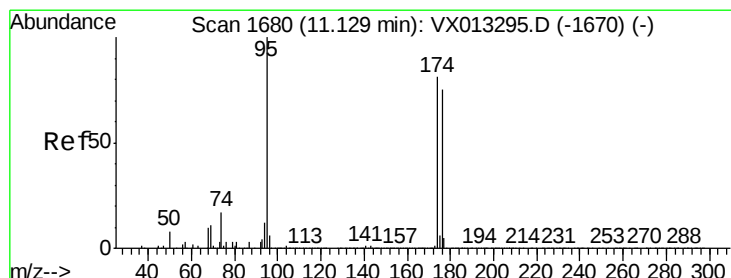
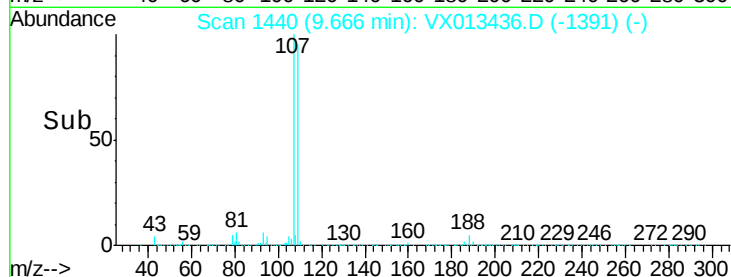
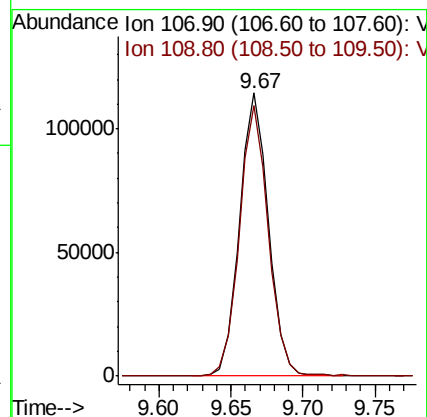
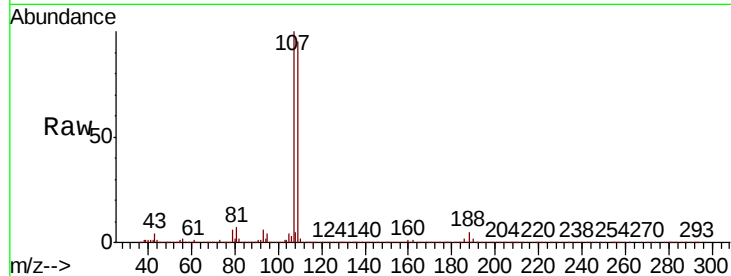
107 100

109 96.3 75.1 112.7

Manual Integrations
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MMDadoda

11/18/2019 10:24:12 AM



#62

4-Bromofluorobenzene

Concen: 52.685 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

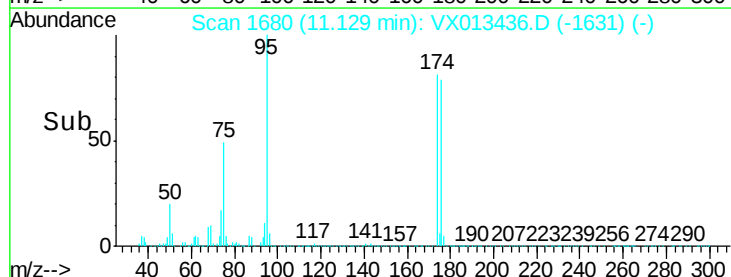
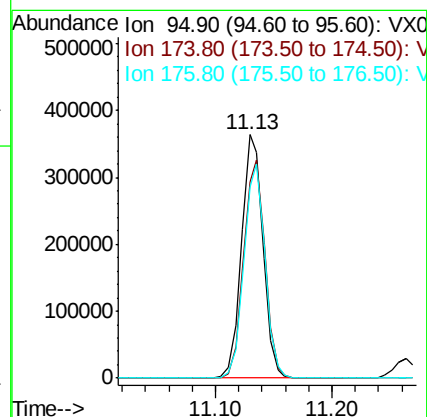
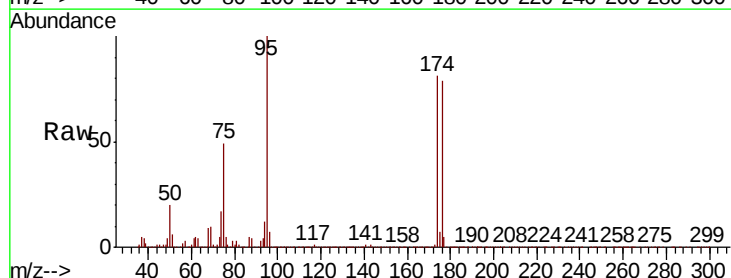
Tgt Ion: 95 Resp: 466020

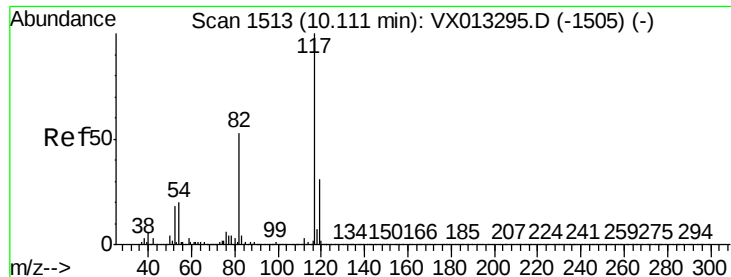
Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.8

176 86.8 0.0 173.0





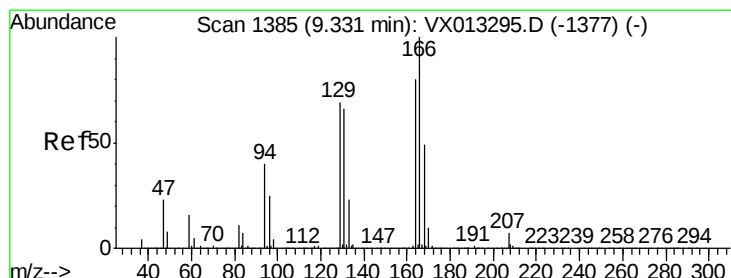
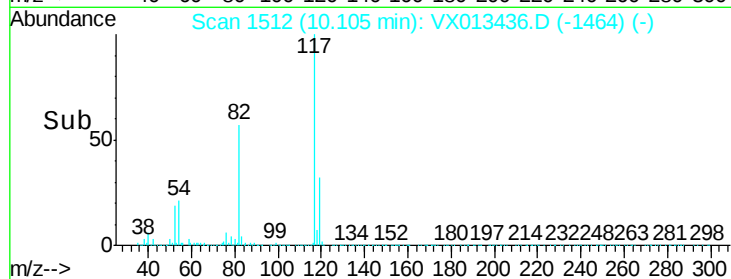
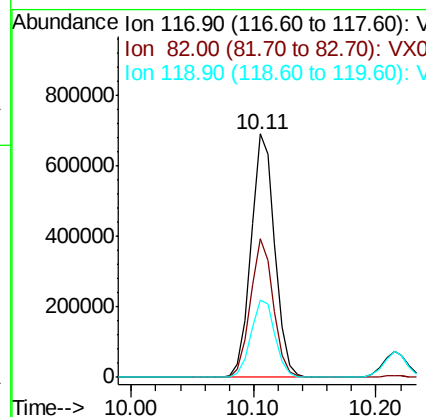
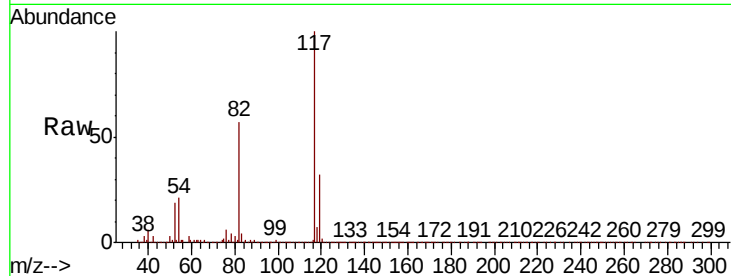
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	928892		
82	56.9	42.6	64.0	
119	31.8	24.8	37.2	

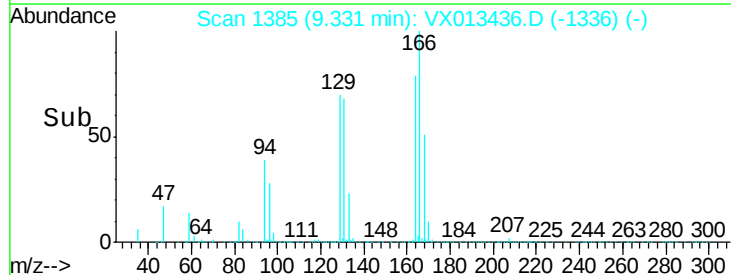
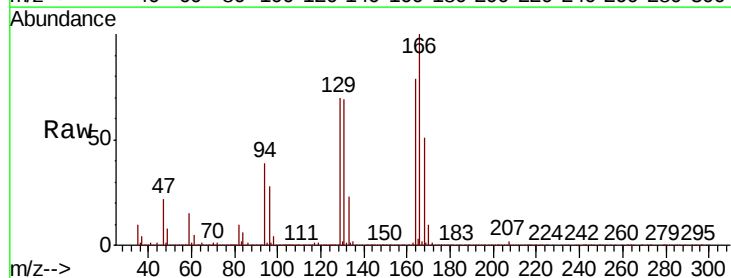
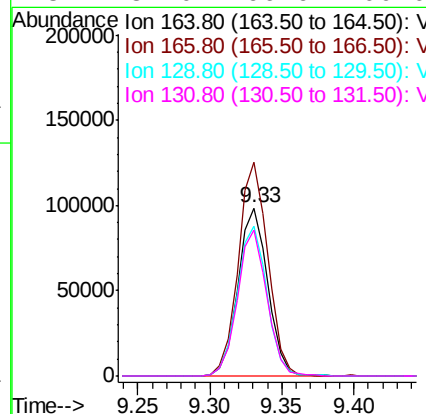
Manual Integrations
APPROVED

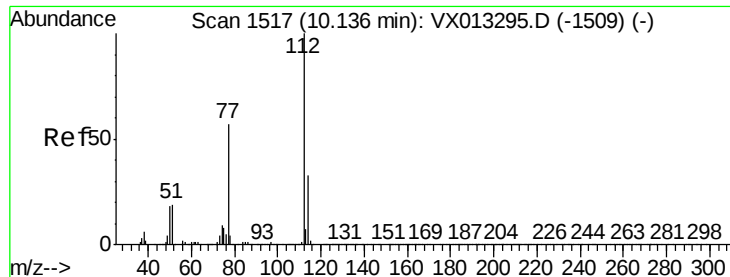
MMDadoda
11/18/2019 10:24:12 AM



#64
Tetrachloroethene
Concen: 21.345 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141939		
166	126.8	100.4	150.6	
129	88.6	69.4	104.2	
131	87.0	66.6	100.0	





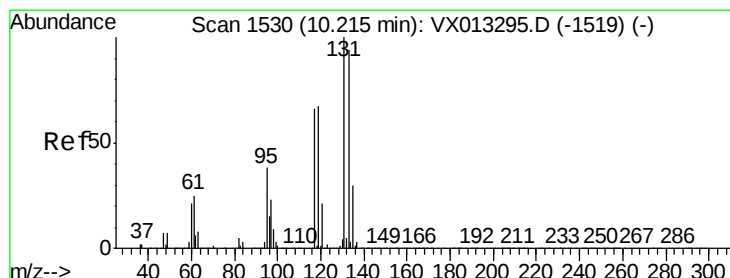
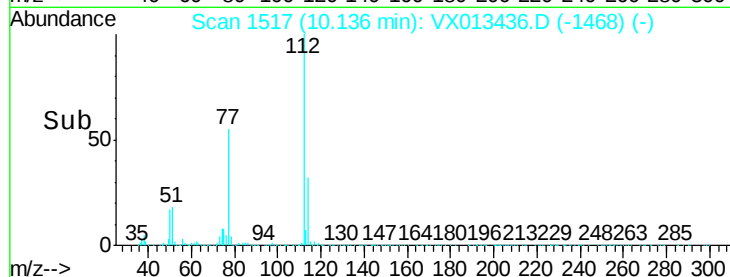
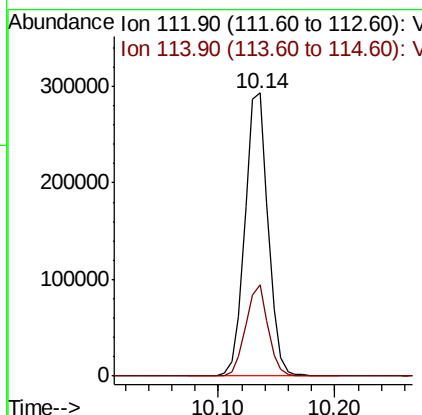
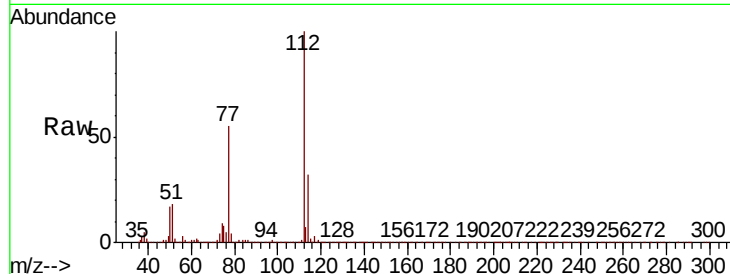
#65
Chlorobenzene
Concen: 21.668 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.4	39.6

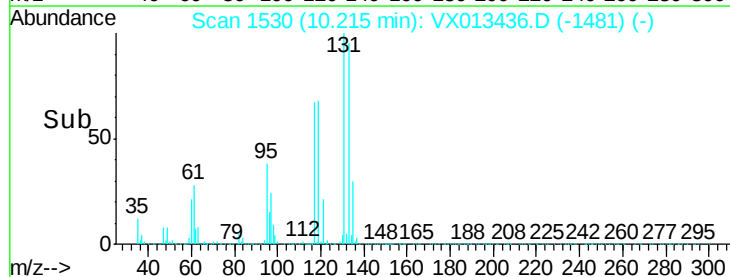
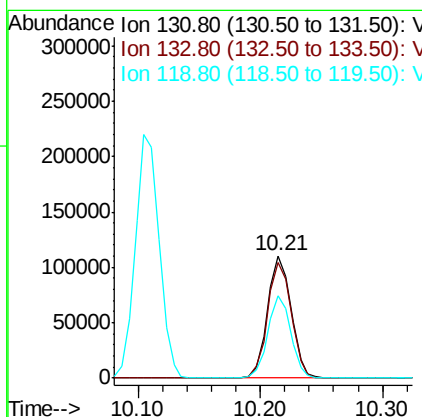
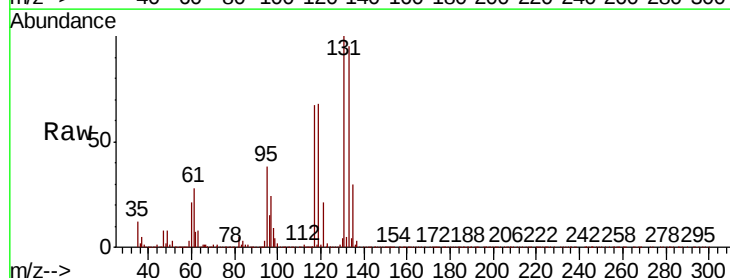
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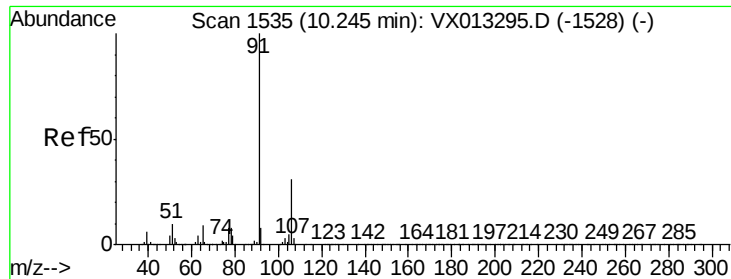
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.539 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.0
119	65.9	33.0	99.0





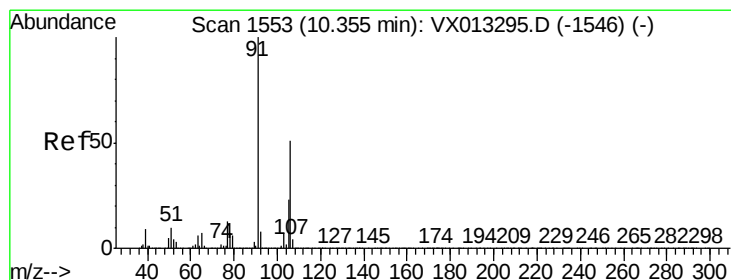
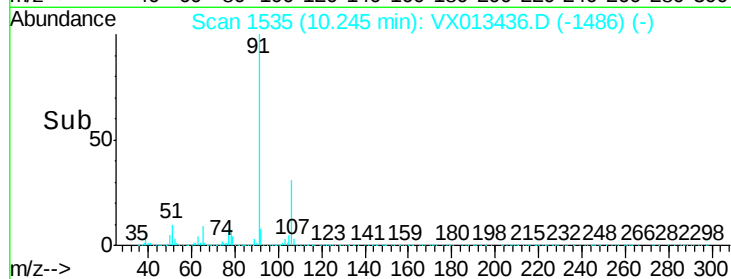
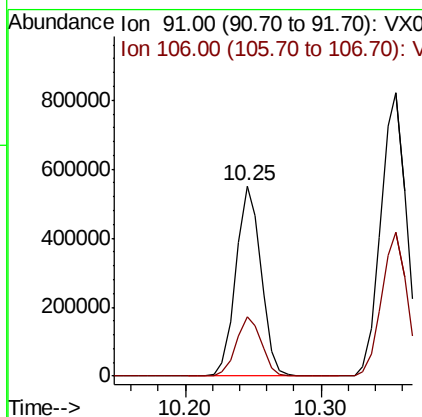
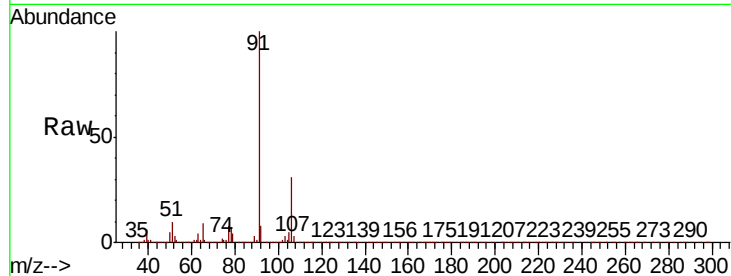
#67
Ethyl Benzene
Concen: 21.829 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion: 91 Resp: 708498
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

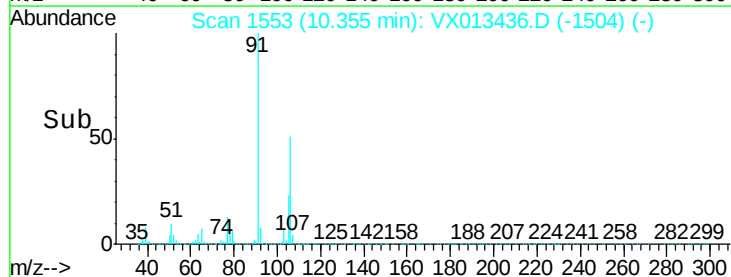
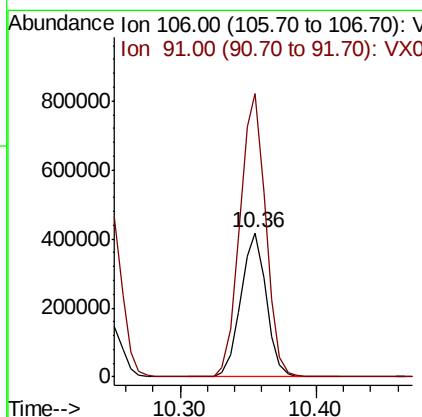
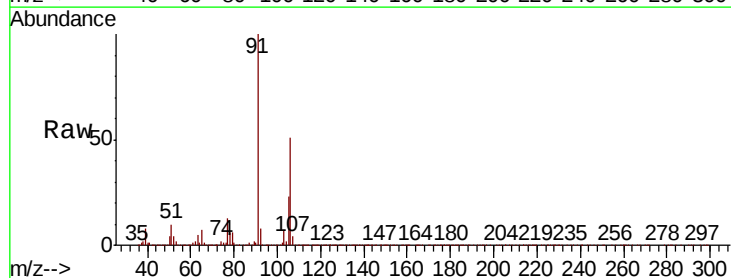
Manual Integrations
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#68
m/p-Xylenes
Concen: 44.168 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion: 106 Resp: 542161
Ion Ratio Lower Upper
106 100
91 199.6 159.3 238.9





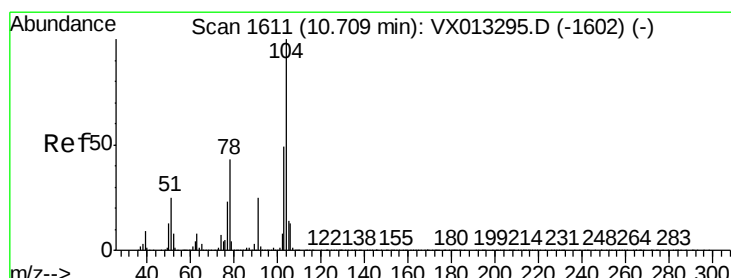
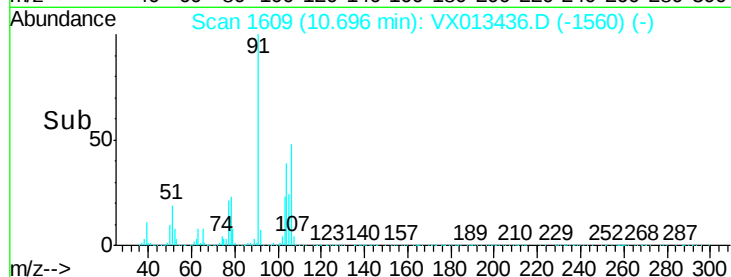
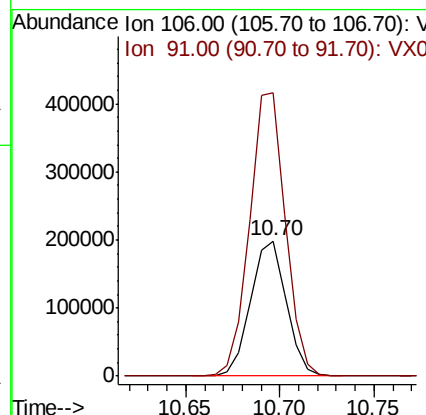
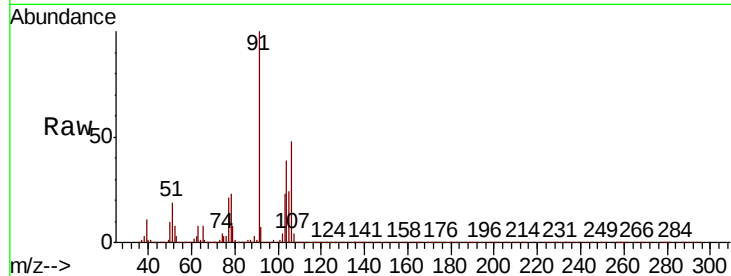
#69
o-Xylene
Concen: 21.591 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	105.7	317.0

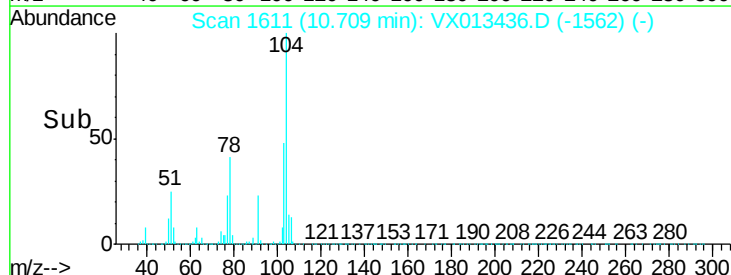
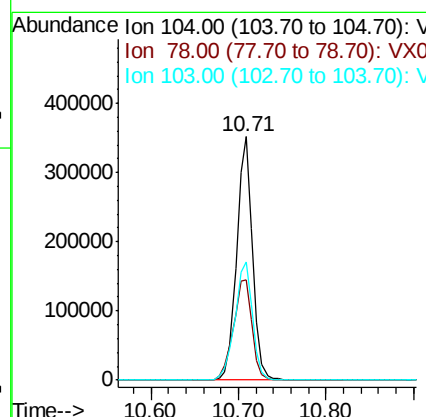
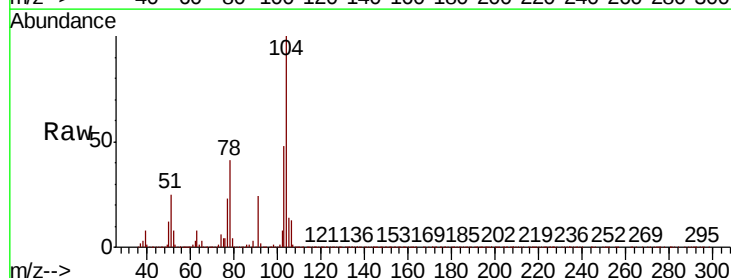
Manual Integrations
APPROVED

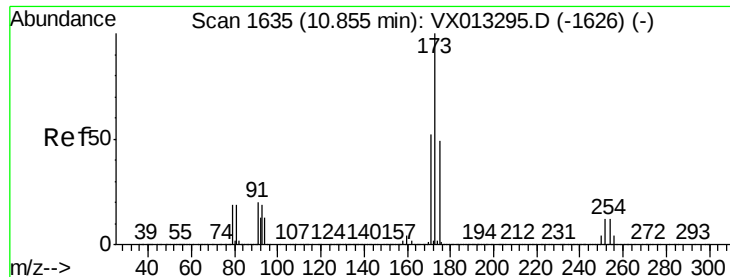
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#70
Styrene
Concen: 22.262 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	40.0	60.0
103	54.0	44.1	66.1





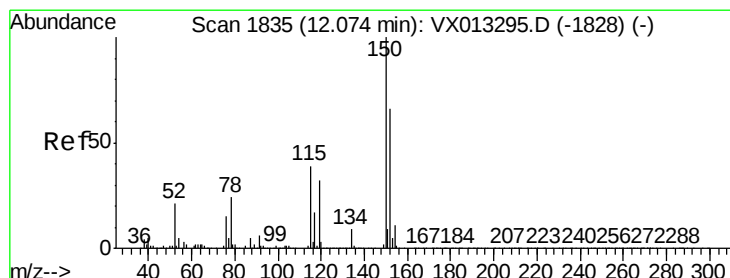
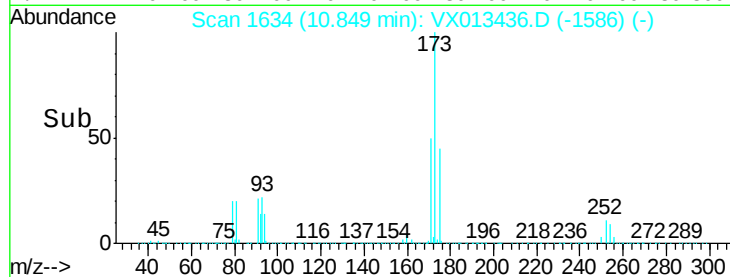
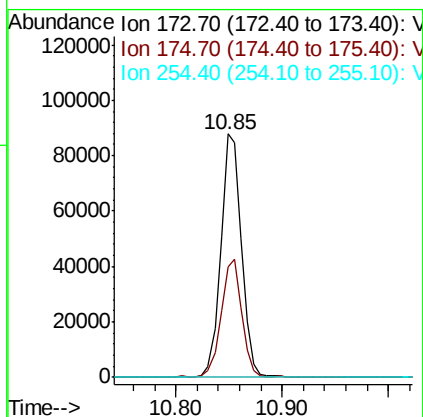
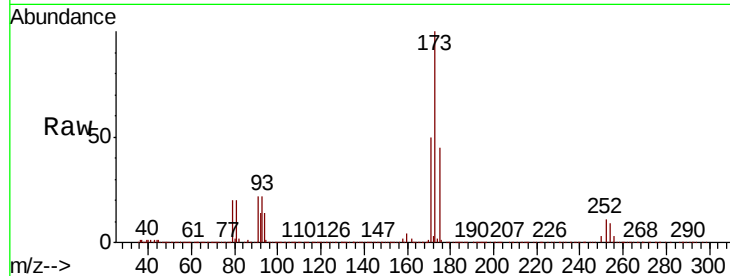
#71
Bromoform
Concen: 20.489 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	0.1	0.2	0.2#

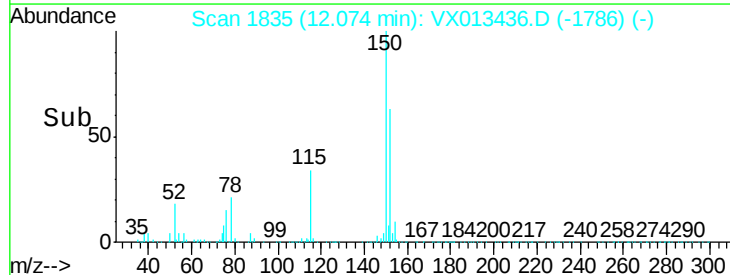
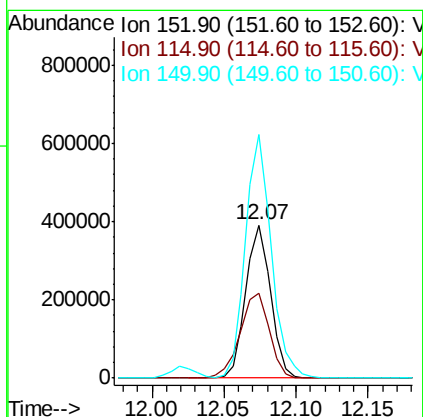
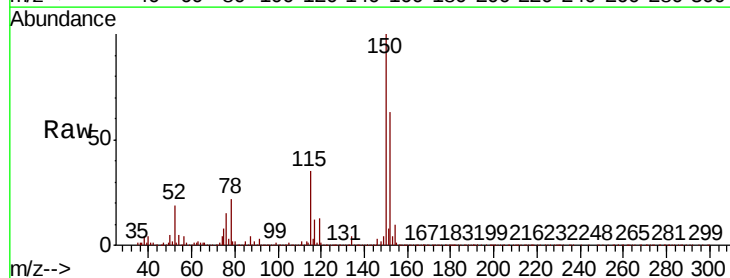
Manual Integrations
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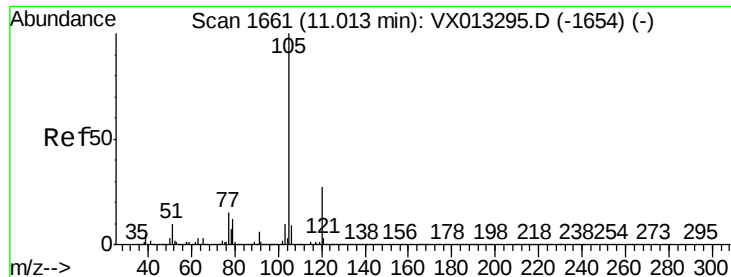
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	39.5	118.3
150	165.2	0.0	344.4





#73

Isopropylbenzene

Concen: 22.682 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 105 Resp: 702540

Ion Ratio Lower Upper

105 100

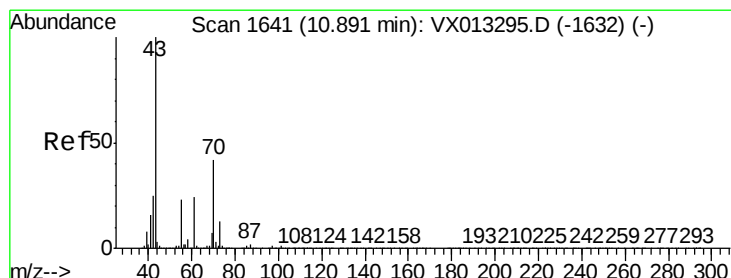
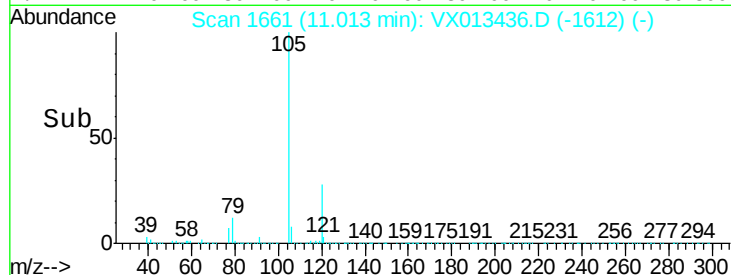
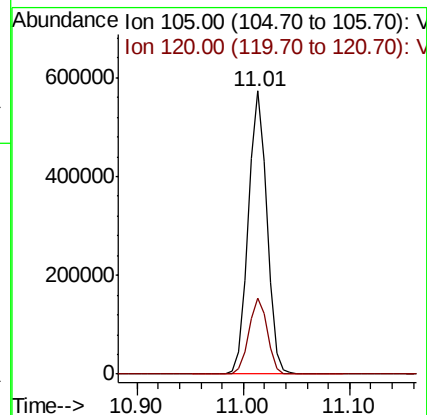
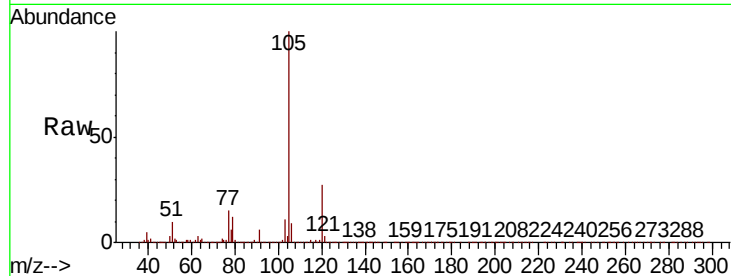
120 26.9

13.5 40.5

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#74

N-ethyl acetate

Concen: 22.019 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion: 43 Resp: 316251

Ion Ratio Lower Upper

43 100

70 43.8

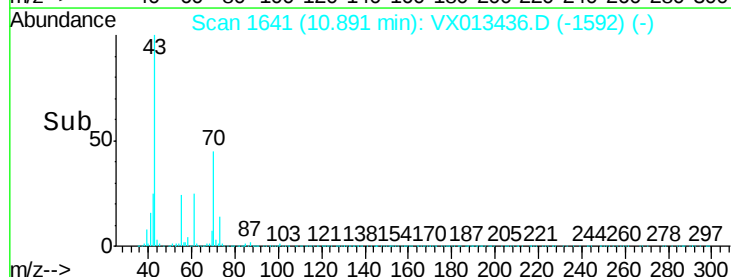
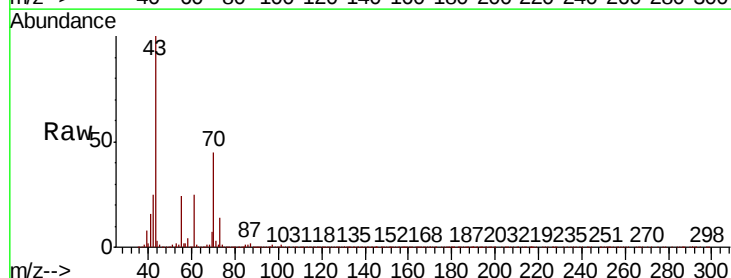
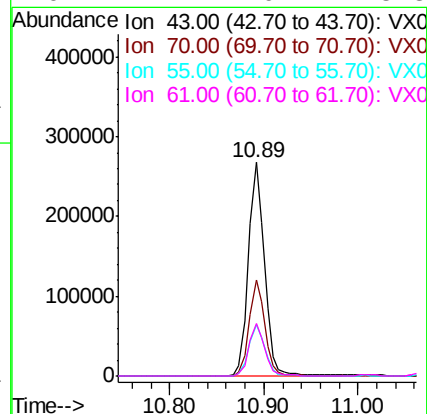
55 24.6

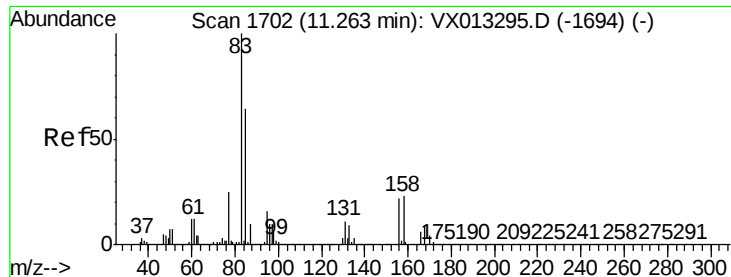
61 24.2

34.1 51.1

18.9 28.3

19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.934 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

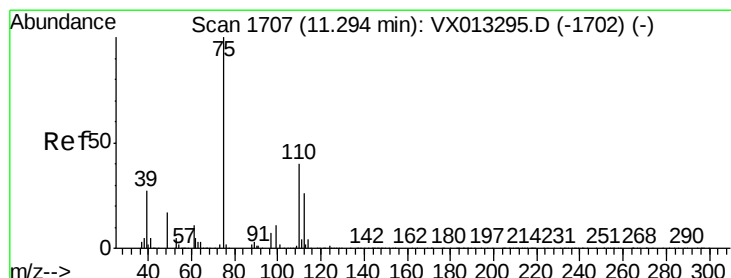
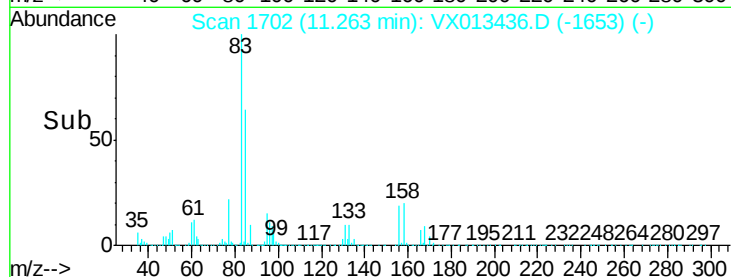
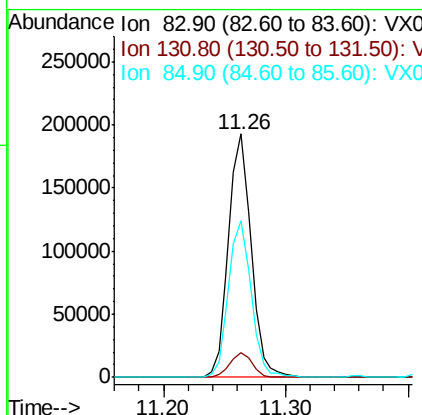
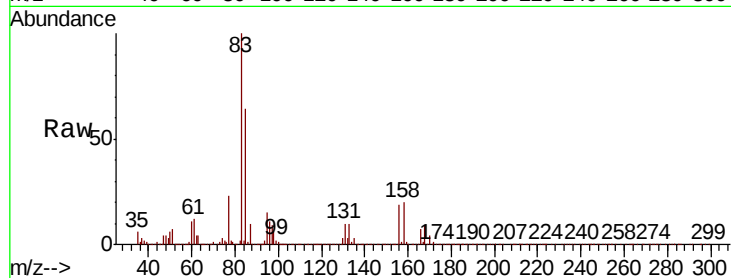
ClientSampleId :

VX1115WBS01

Tot Ion:	83	Resp:	247844
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	64.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.715 ug/l m

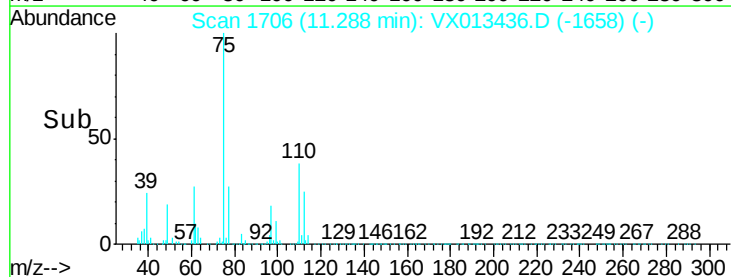
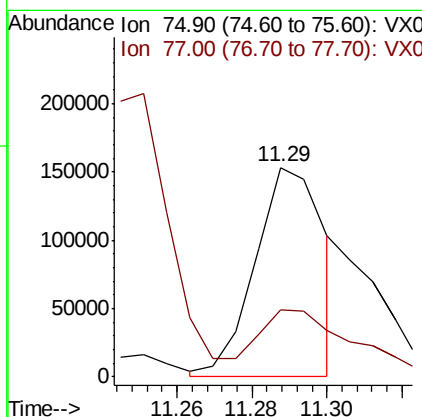
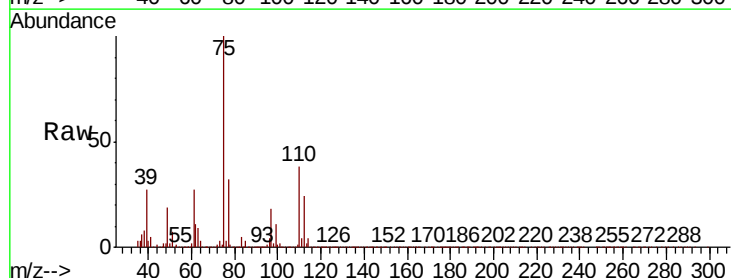
RT: 11.29 min Scan# 1706

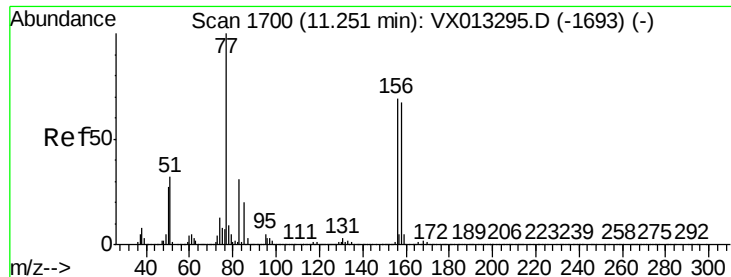
Delta R.T. -0.01 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	75	Resp:	196553
Ion Ratio	Lower	Upper	
75	100		
77	45.2	22.3	66.8





#77

Bromobenzene

Concen: 22.234 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

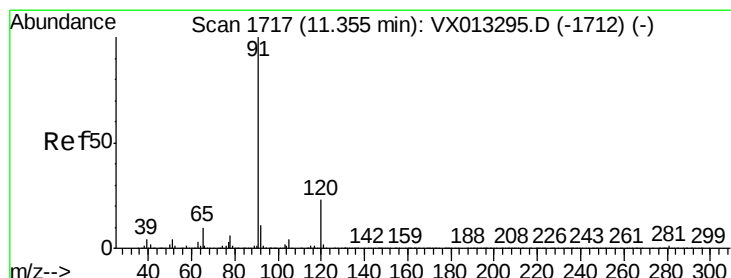
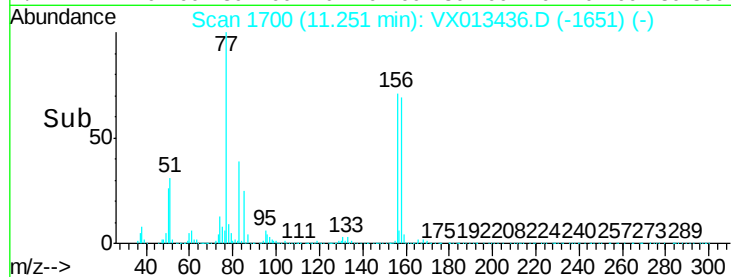
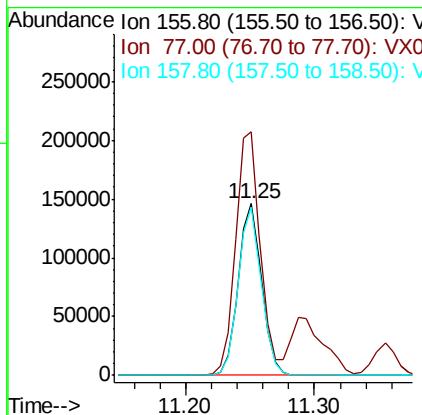
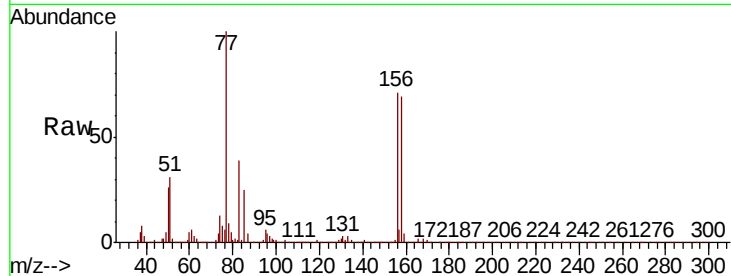
ClientSampleId :

VX1115WBS01

Tot Ion:	156	Resp:	183585
Ion Ratio	Lower	Upper	
156	100		
77	148.7	75.8	227.4
158	97.2	47.6	142.8

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#78

n-propylbenzene

Concen: 22.873 ug/l

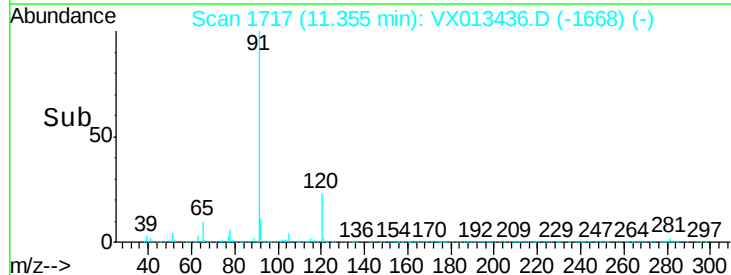
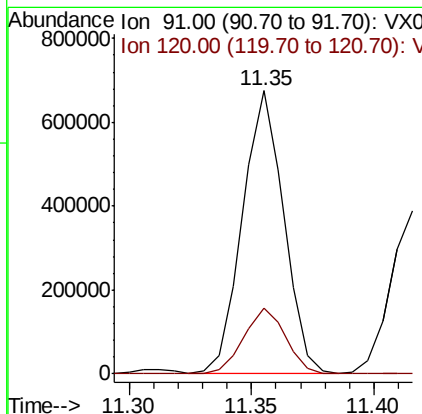
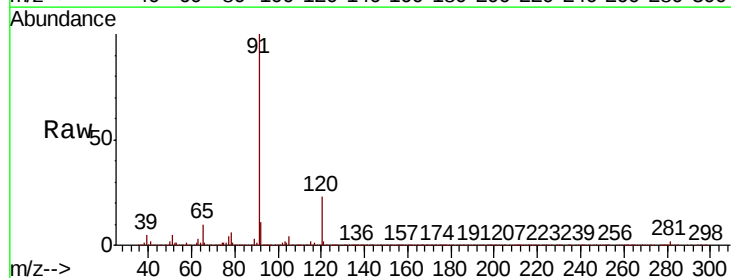
RT: 11.35 min Scan# 1717

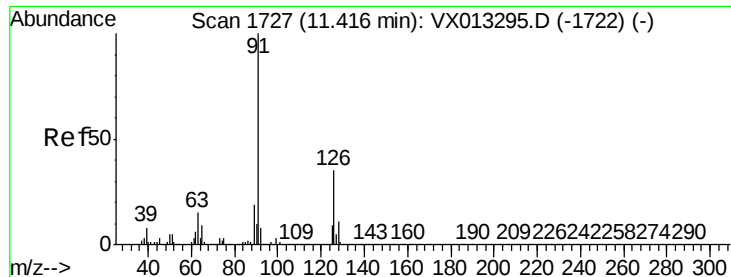
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	91	Resp:	789156
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.8





#79

2-Chlorotoluene

Concen: 22.691 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion: 91 Resp: 471682

Ion Ratio Lower Upper

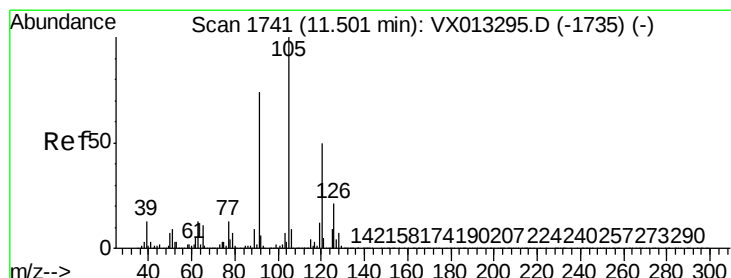
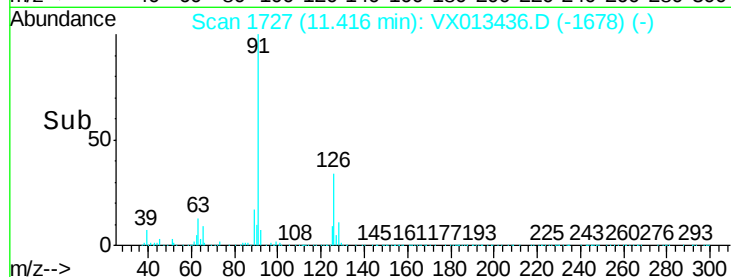
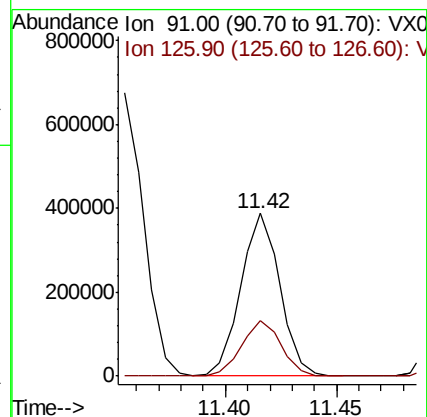
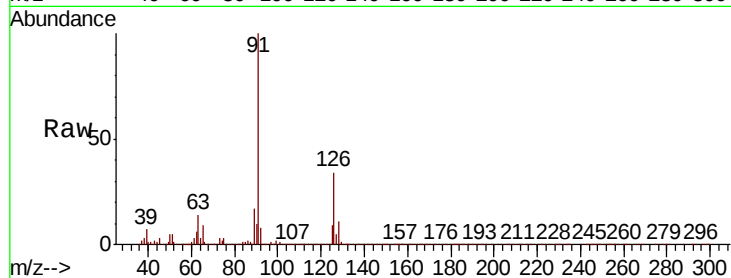
91 100

126 35.0 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.873 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013436.D

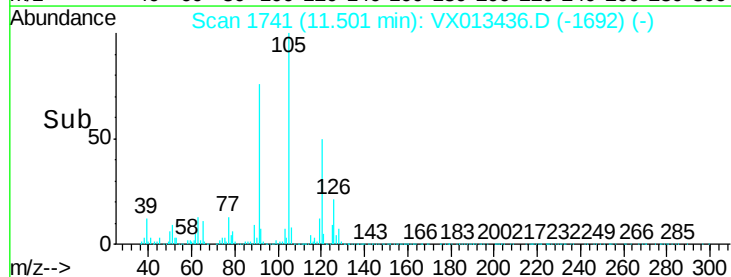
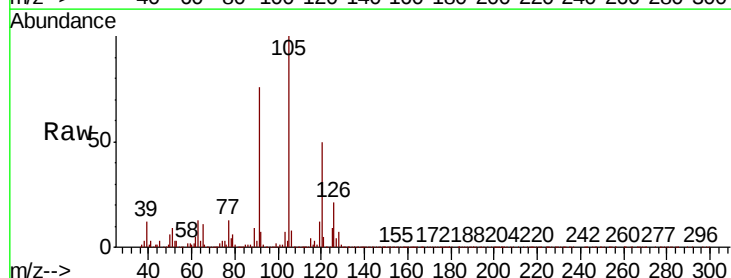
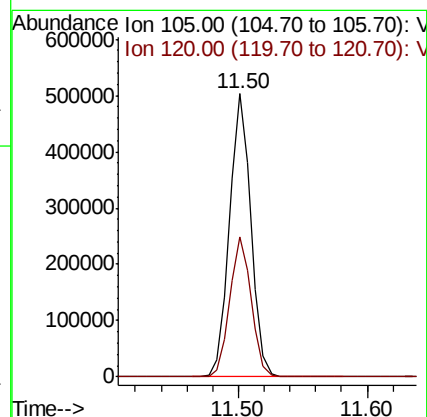
Acq: 15 Nov 2019 11:10

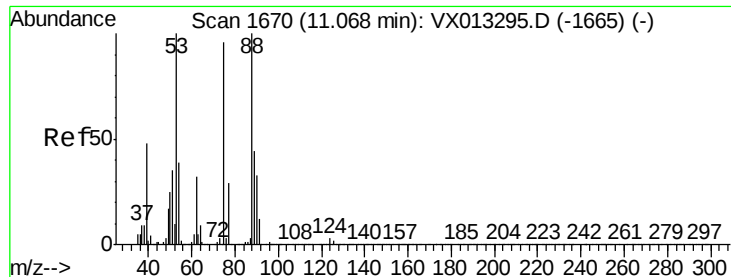
Tgt Ion: 105 Resp: 590106

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





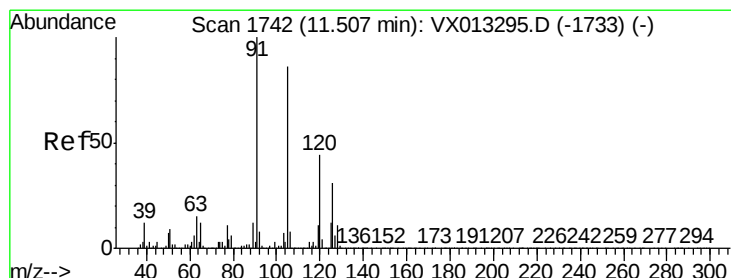
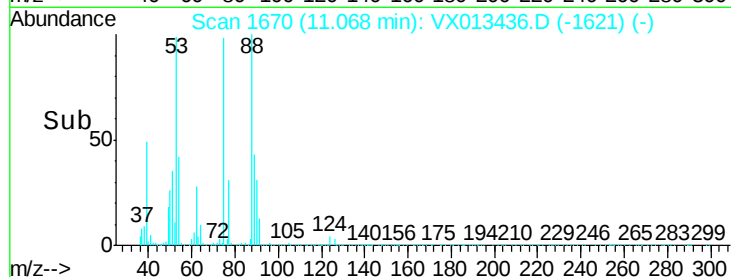
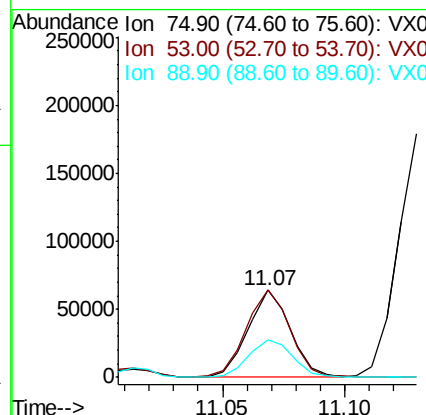
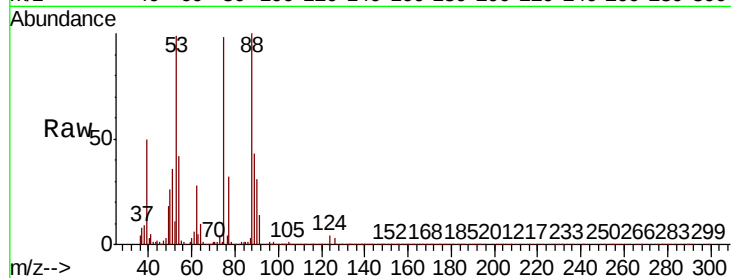
#81
trans-1,4-Dichloro-2-butene
Concen: 20.553 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	81.0	121.6
89	45.4	36.0	54.0

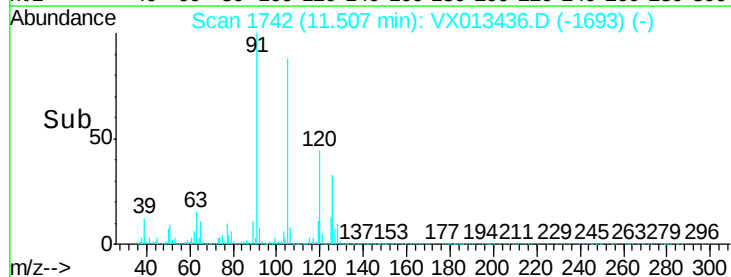
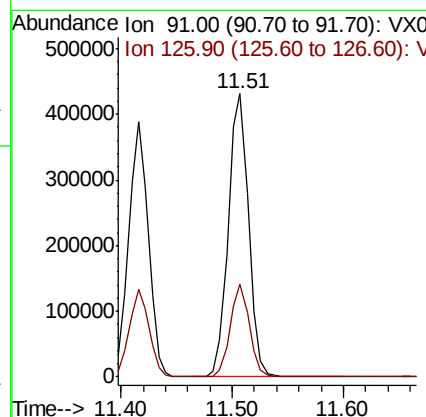
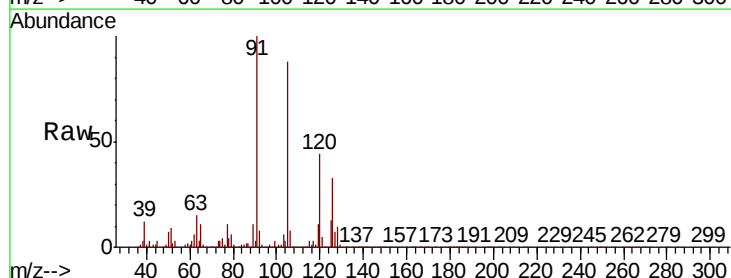
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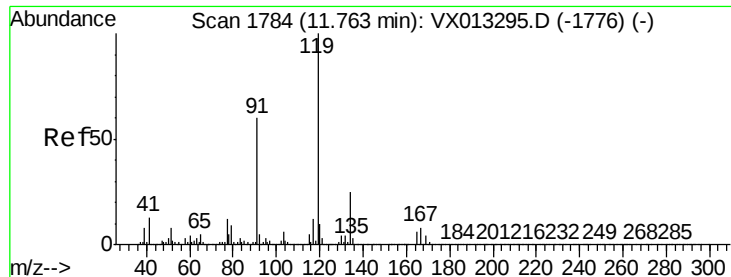
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.138 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.8





#83

tert-Butylbenzene

Concen: 22.928 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

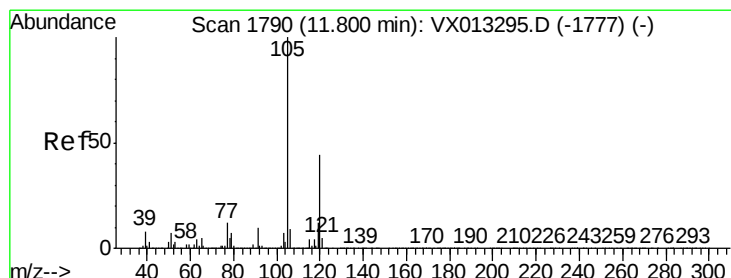
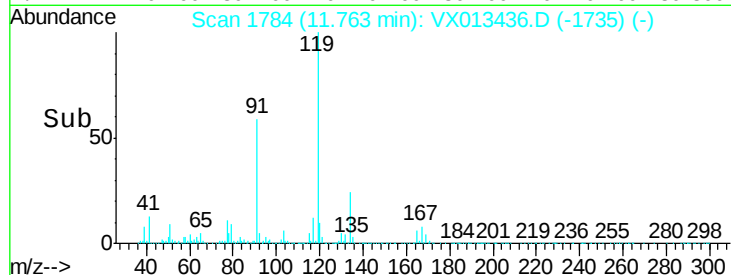
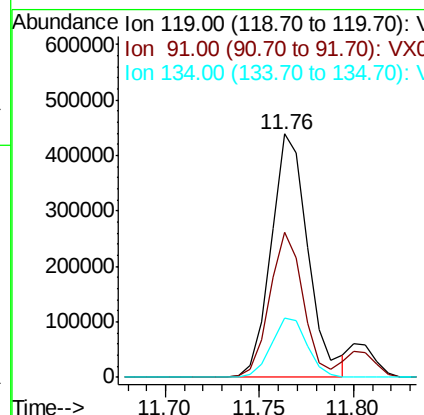
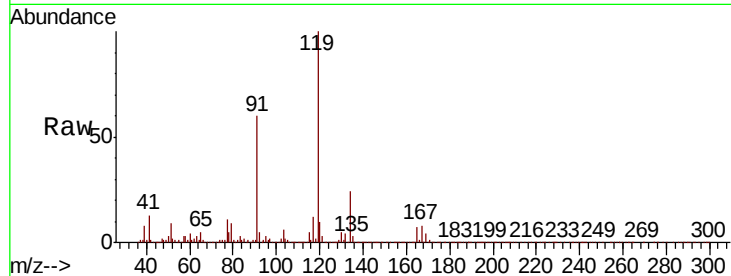
ClientSampleId :

VX1115WBS01

Tot Ion:	119	Resp:	595460
Ion Ratio	Lower	Upper	
119	100		
91	53.9	26.9	80.7
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 22.636 ug/l

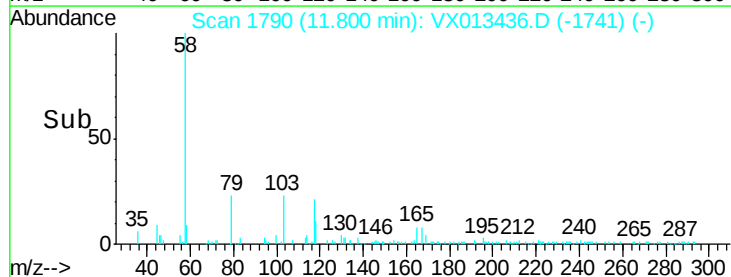
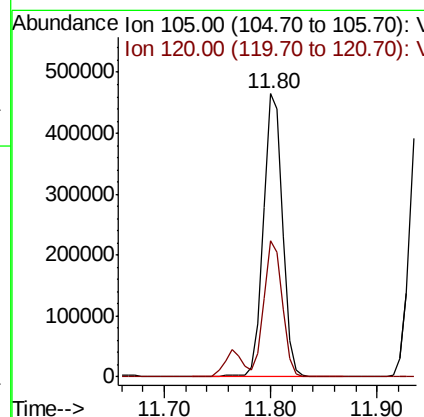
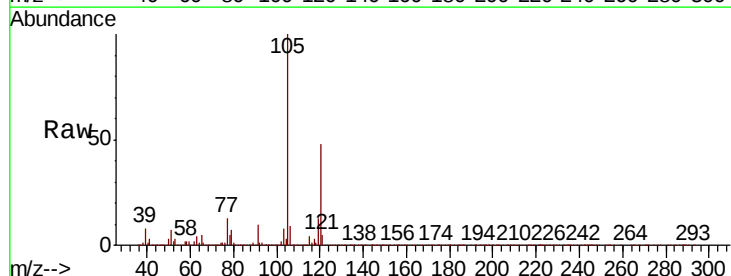
RT: 11.80 min Scan# 1790

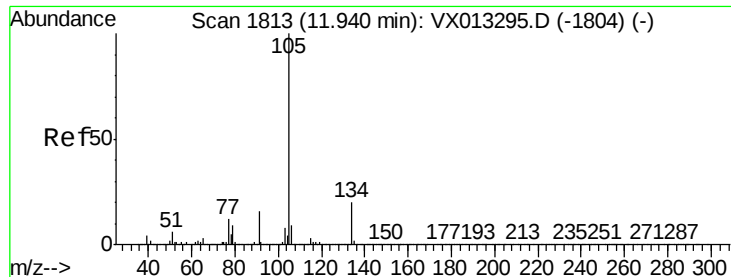
Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Tgt Ion:	105	Resp:	585821
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 23.016 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX1115WBS01

Tot Ion:105 Resp: 686968

Ion Ratio Lower Upper

105 100

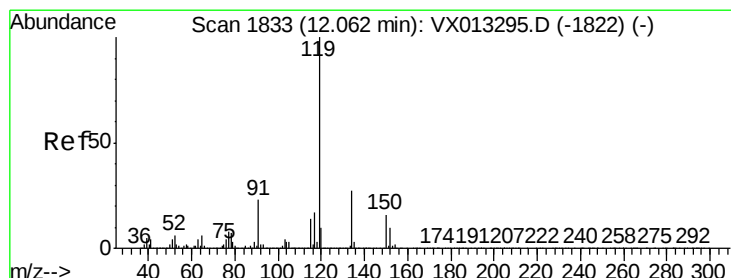
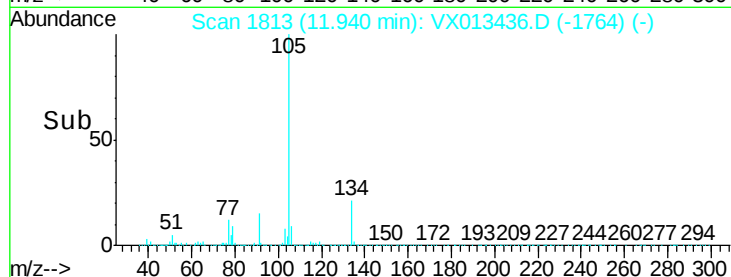
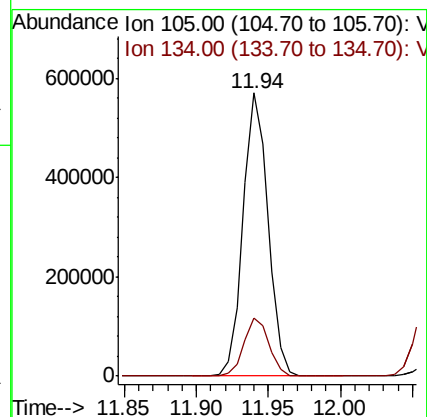
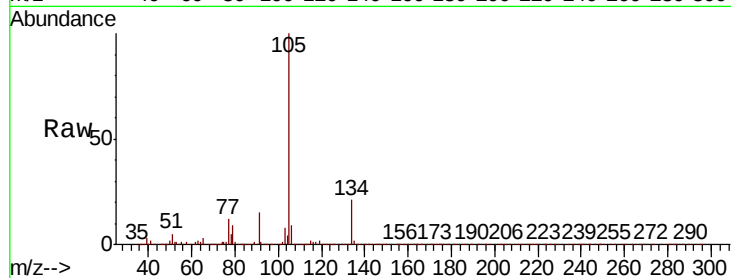
134 20.6 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 23.132 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013436.D

Acq: 15 Nov 2019 11:10

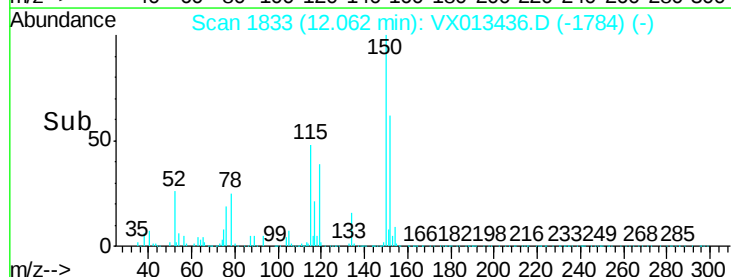
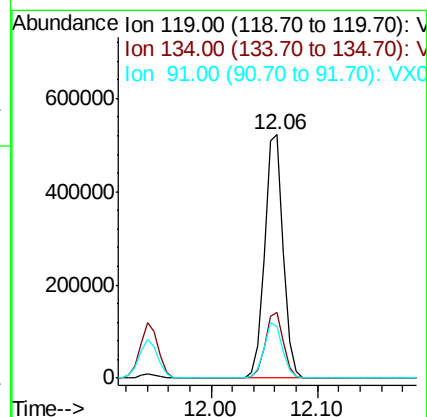
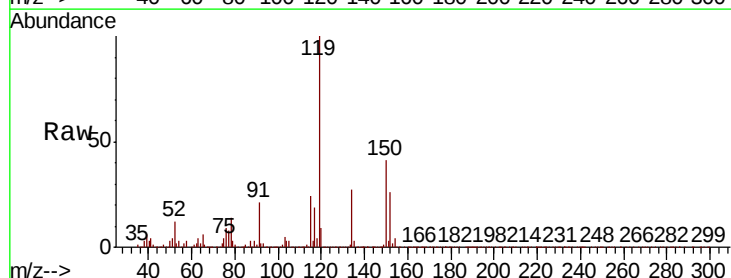
Tgt Ion:119 Resp: 635763

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.6 11.5 34.4





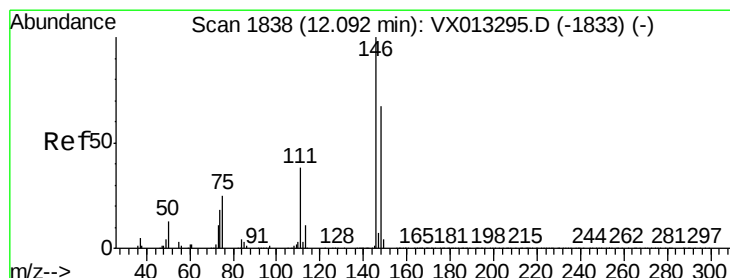
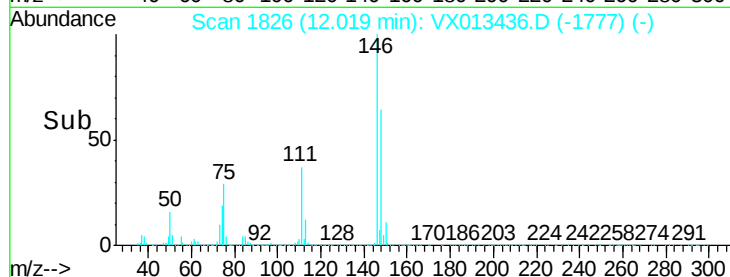
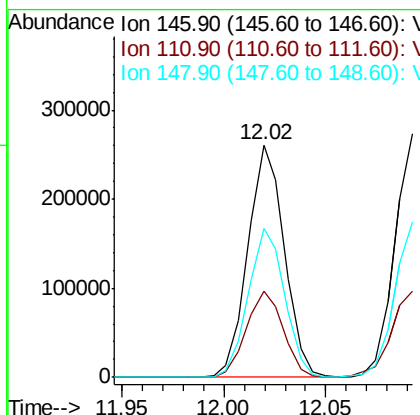
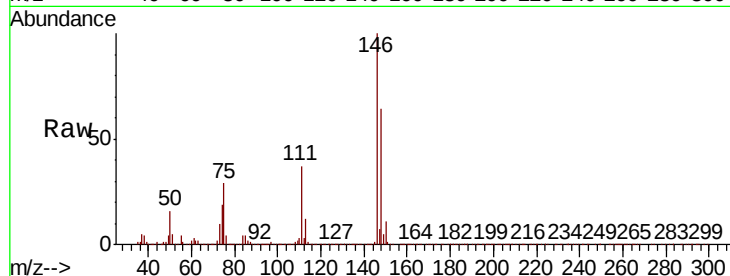
#87
 1,3-Dichlorobenzene
 Concen: 22.003 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	64.2	31.9	95.7

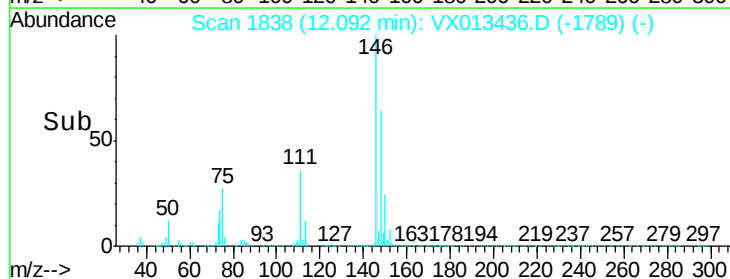
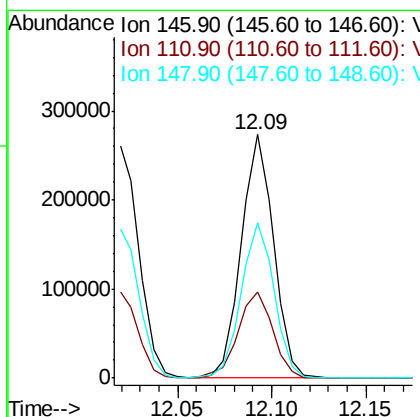
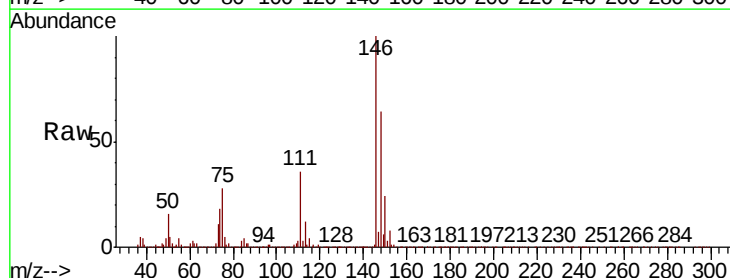
Manual Integrations
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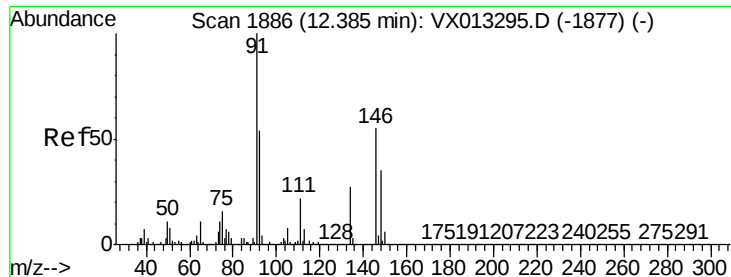
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#88
 1,4-Dichlorobenzene
 Concen: 21.637 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	65.4	32.4	97.0





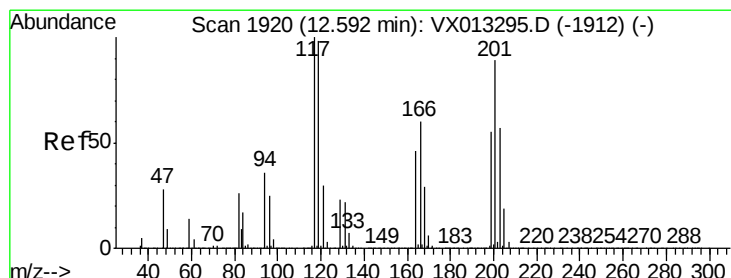
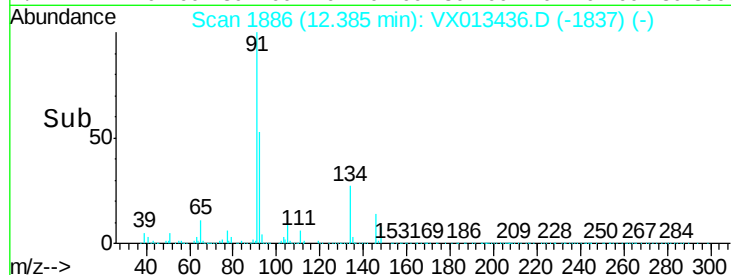
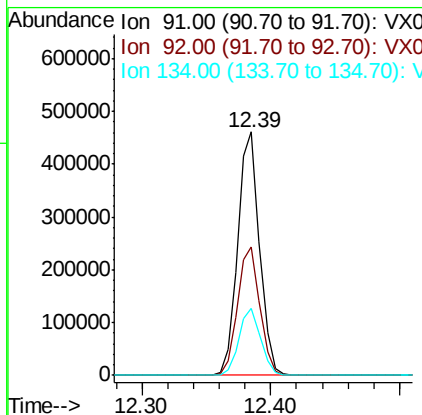
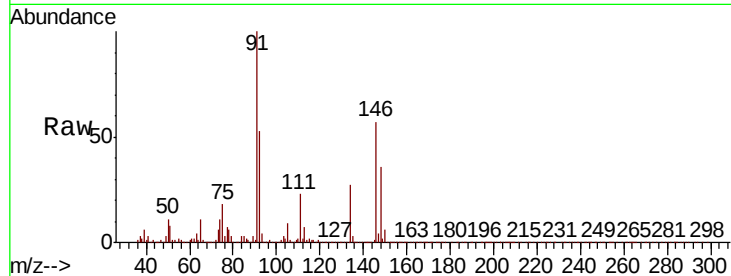
#89
n-Butylbenzene
Concen: 22.622 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.3	81.8
134	27.1	13.5	40.5

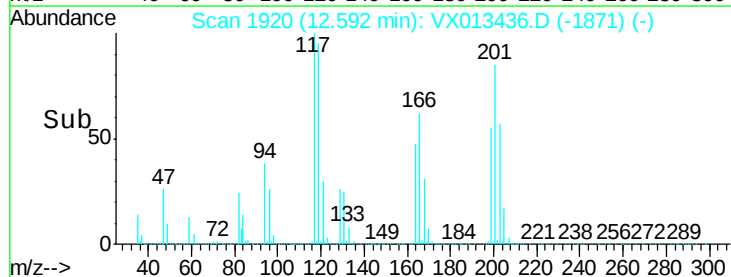
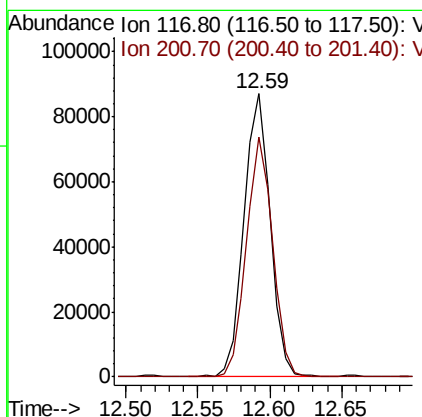
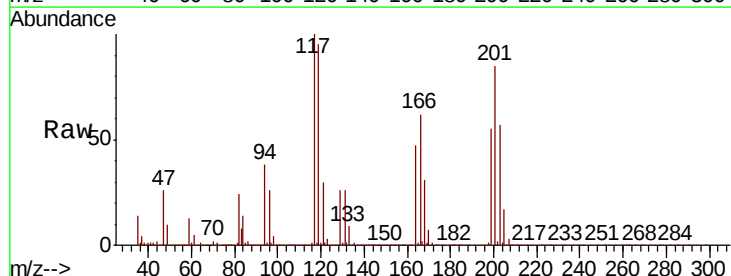
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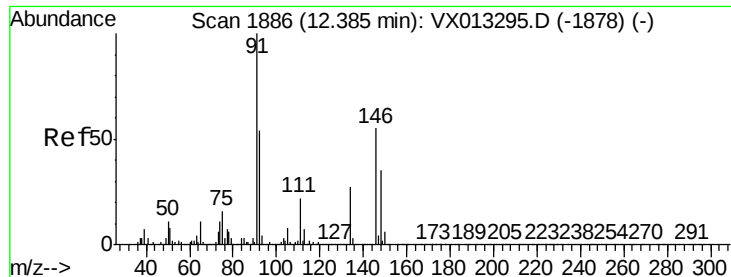
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#90
Hexachloroethane
Concen: 22.312 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.9	131.7





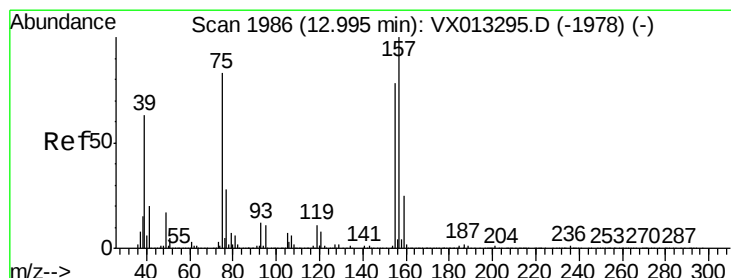
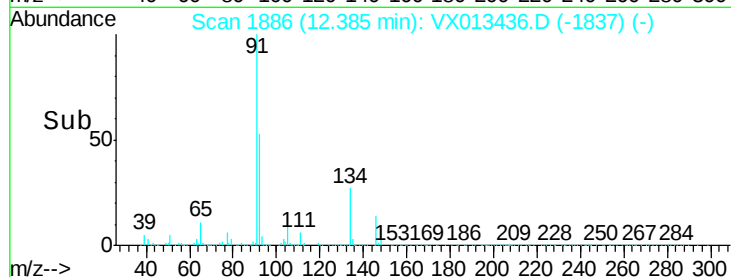
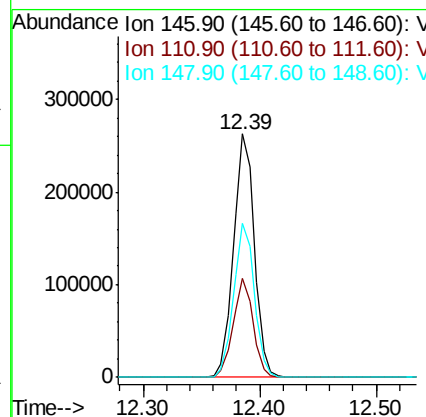
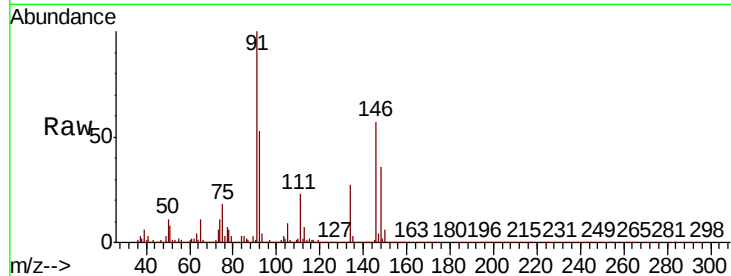
#91
 1,2-Dichlorobenzene
 Concen: 22.136 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	325673		
111	38.9	20.1	60.2	
148	62.8	32.0	96.0	

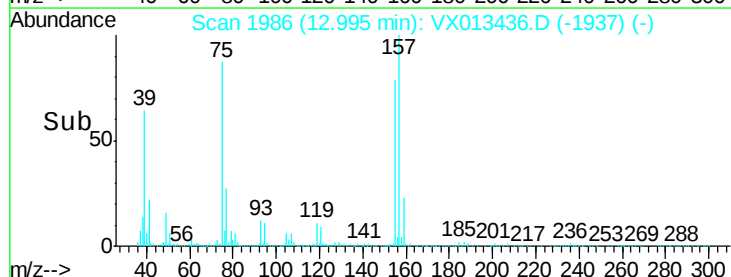
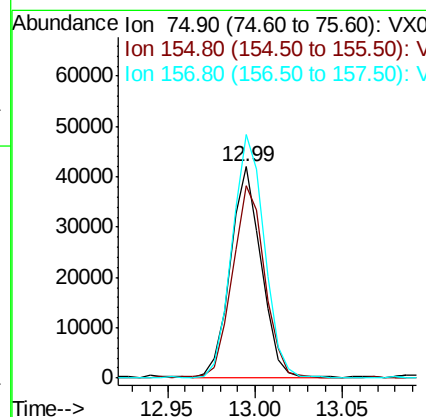
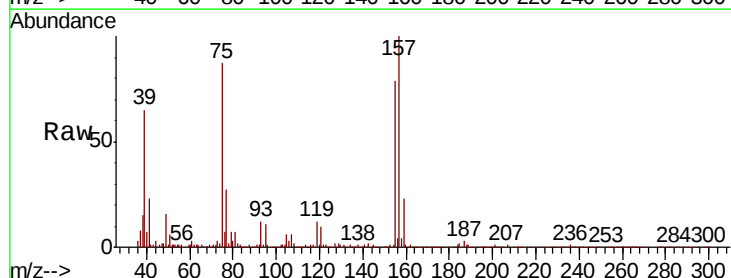
Manual Integrations
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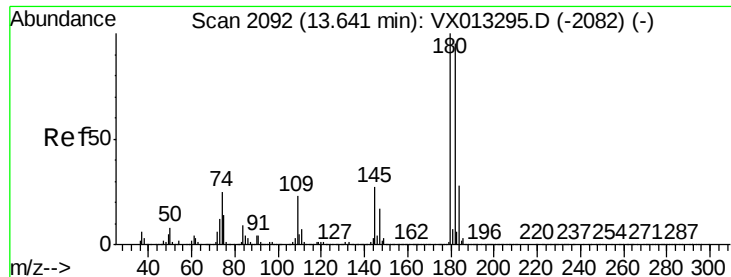
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 11/18/2019 10:24:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.617 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51251		
155	96.6	47.1	141.4	
157	120.2	61.3	183.8	





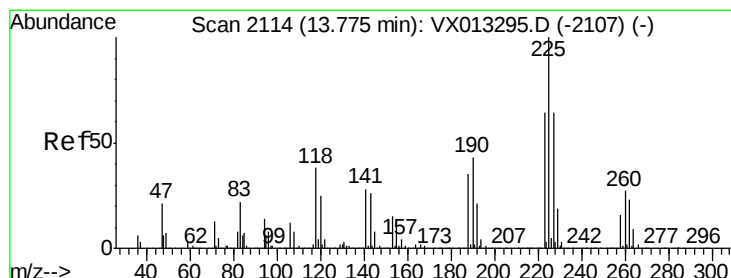
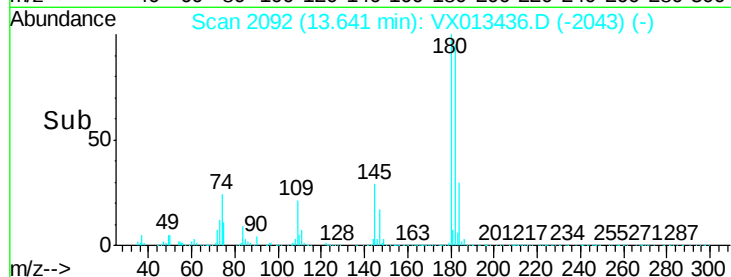
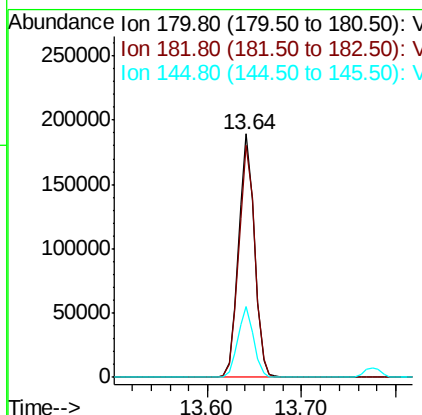
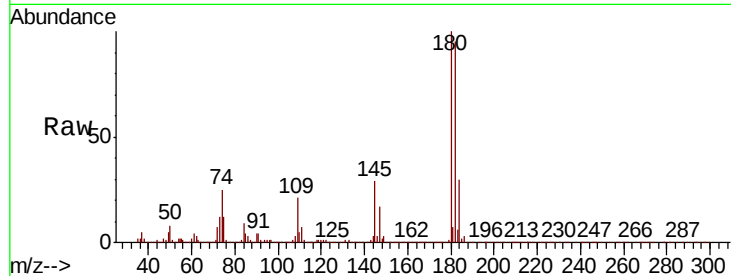
#93
 1,2,4-Trichlorobenzene
 Concen: 21.625 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221922		
182	96.7	48.4	145.0	
145	28.8	14.1	42.4	

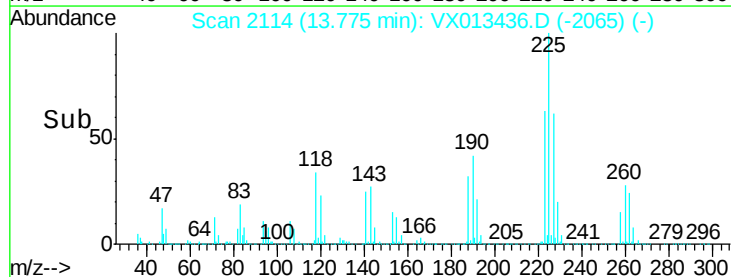
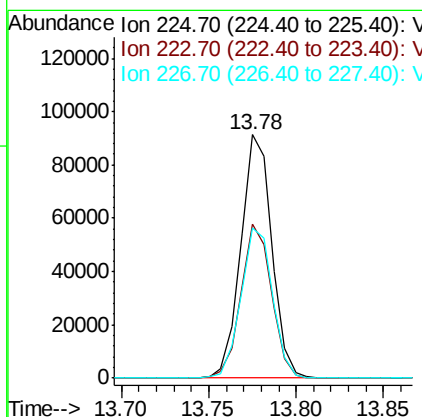
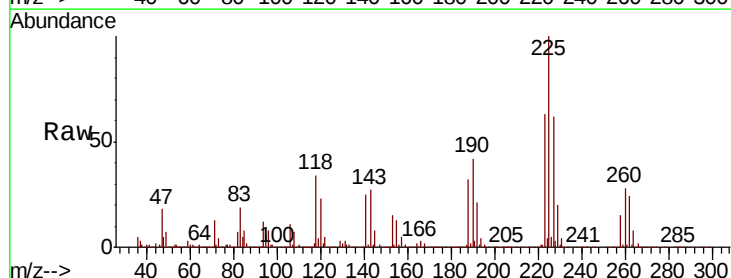
Manual Integrations
 APPROVED

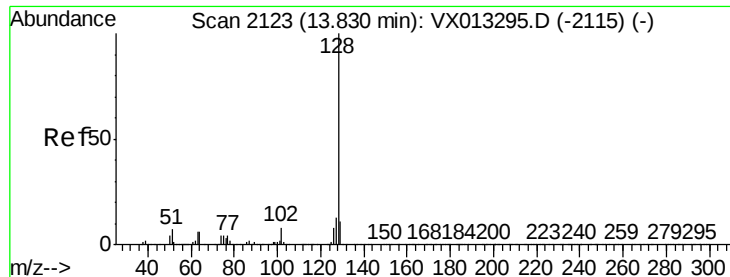
MMDadoda
 11/18/2019 10:24:12 AM



#94
 Hexachlorobutadiene
 Concen: 22.339 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013436.D
 Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112161		
223	62.7	31.9	95.7	
227	63.2	31.9	95.9	





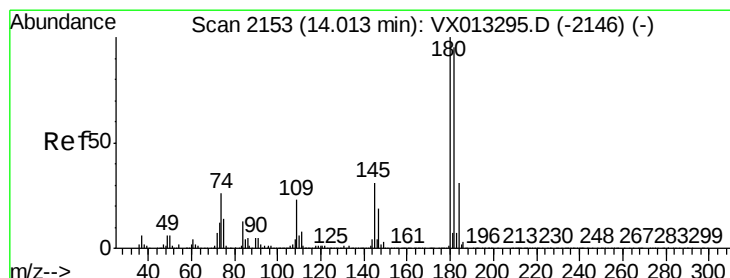
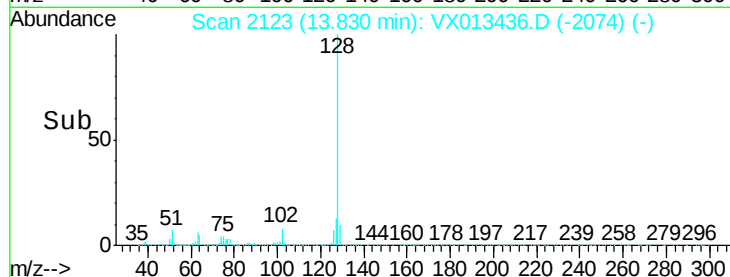
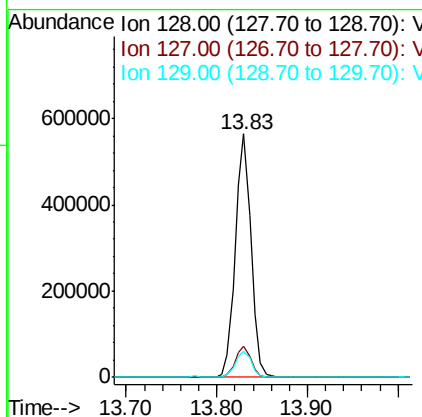
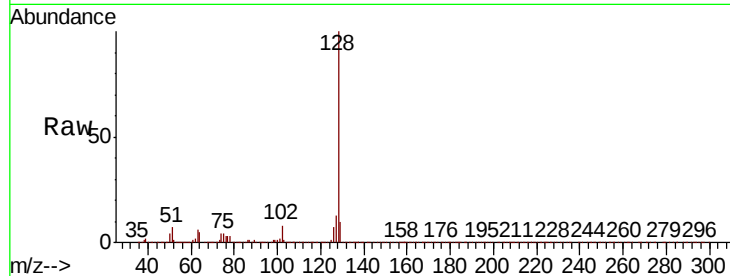
#95
Naphthalene
Concen: 20.958 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX1115WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/18/2019 10:24:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.712 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013436.D
Acq: 15 Nov 2019 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.2
145	29.9	15.4	46.4

