

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013367.D
 Acq On : 11 Nov 2019 16:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:49:34 AM

Quant Time: Nov 12 01:08:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	126917	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	714641	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	631942	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	275580	28.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.60%
60) 4-Bromofluorobenzene	11.13	95	301194	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.71	98	879564	31.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	40137	4.406	ug/l 93
3) Chloromethane	1.31	50	47854	5.710	ug/l 99
4) Vinyl Chloride	1.40	62	52289	5.907	ug/l 99
5) Bromomethane	1.62	94	36122	7.804	ug/l 97
6) Chloroethane	1.71	64	33689	6.242	ug/l 95
7) Trichlorofluoromethane	1.92	101	64131	4.955	ug/l 98
8) Diethyl Ether	2.17	74	28536	6.077	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37475	4.710	ug/l 94
10) 1,1-Dichloroethene	2.36	96	37863	4.910	ug/l 98
11) Methyl Iodide	2.50	142	37393	3.793	ug/l 97
12) Methyl Acetate	2.76	43	62411	5.890	ug/l 96
13) Acrolein	2.28	56	37975	26.100	ug/l 90
14) Acrylonitrile	3.12	53	120980	28.172	ug/l 100
15) Acetone	2.43	58	35854	25.318	ug/l 97
16) Carbon Disulfide	2.56	76	101319	4.872	ug/l 99
17) Allyl chloride	2.72	41	67603	5.349	ug/l 98
18) Methylene Chloride	2.84	84	46358	5.217	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	41216	5.040	ug/l 96
20) Diisopropyl ether	3.84	45	137281	5.648	ug/l 94
21) 1,1-Dichloroethane	3.69	63	74231	5.126	ug/l 96
22) cis-1,2-Dichloroethene	4.58	96	46583	5.005	ug/l 97
23) tert-Butyl Alcohol	3.03	59	63856	29.004	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	125543	4.746	ug/l 97
25) Chloroform	5.20	83	75415	5.021	ug/l 99
26) Cyclohexane	5.56	56	68629	5.365	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	55526	5.100	ug/l 88
30) 2-Butanone	4.65	43	176755	29.180	ug/l 99
31) 2,2-Dichloropropane	4.57	77	58821	4.683	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	60380	4.618	ug/l 98
33) Carbon Tetrachloride	5.77	117	51352	4.550	ug/l 96
34) Benzene	6.13	78	167625	5.266	ug/l 98
35) Methacrylonitrile	5.03	41	32964	5.342	ug/l 94
36) 1,2-Dichloroethane	6.18	62	60002	5.057	ug/l 99
37) Trichloroethene	7.21	130	44382	5.067	ug/l 96
38) Methylcyclohexane	7.45	83	67850	5.055	ug/l 98
39) 1,2-Dichloropropane	7.50	63	43574	5.527	ug/l 100
40) Dibromomethane	7.65	93	29769	5.357	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Nov 12 01:08:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	53336	4.771	ug/l	98
42) Vinyl Acetate	3.80	43	581751	28.461	ug/l	99
43) Ethyl Acetate	4.82	43	63593	5.738	ug/l	98
44) Isopropyl Acetate	6.43	43	103127	5.663	ug/l	98
45) 1,4-Dioxane	7.73	88	22683	101.858	ug/l	98
46) Methyl methacrylate	7.76	41	50178	5.597	ug/l	98
47) n-amyl Acetate	10.89	43	83196	5.342	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	57523	4.684	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	63110	4.713	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	42428	5.151	ug/l	97
51) Ethyl methacrylate	9.17	69	65595	5.054	ug/l	96
52) 1,3-Dichloropropane	9.37	76	73413	5.285	ug/l	99
53) Dibromochloromethane	9.57	129	41125	4.649	ug/l	99
54) 1,2-Dibromoethane	9.67	107	45027	5.123	ug/l	95
55) 2-Chloroethyl vinyl ether	8.30	63	157590	29.315	ug/l	99
56) Bromoform	10.85	173	30972	4.829	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	329694	29.921	ug/l	100
59) 2-Hexanone	9.48	43	257168	29.628	ug/l	99
61) Tetrachloroethene	9.33	164	42538	5.258	ug/l	99
62) Toluene	8.78	91	184232	5.406	ug/l	99
64) Chlorobenzene	10.14	112	112390	5.181	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	41037	5.068	ug/l	97
66) Ethyl Benzene	10.25	91	196586	5.056	ug/l	99
67) m/p-Xylenes	10.35	106	152449	10.328	ug/l	98
68) o-Xylene	10.69	106	71834	5.061	ug/l	98
69) Styrene	10.71	104	117557	4.840	ug/l	98
70) Isopropylbenzene	11.01	105	194420	5.042	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	67058	5.482	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	54854m	5.409	ug/l	
73) Bromobenzene	11.25	156	50732	5.370	ug/l	99
74) n-propylbenzene	11.35	91	215614	5.060	ug/l	99
75) 2-Chlorotoluene	11.42	91	132168	5.011	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	159034	4.893	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	18661	4.530	ug/l	97
78) 4-Chlorotoluene	11.51	91	147941	4.897	ug/l	99
79) tert-butylbenzene	11.76	119	157442	4.960	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	157679	4.861	ug/l	99
81) sec-Butylbenzene	11.94	105	180855	4.868	ug/l	100
82) p-Isopropyltoluene	12.06	119	164278	4.816	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	87597	5.129	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	87363	5.171	ug/l	99
85) n-Butylbenzene	12.38	91	132520	4.560	ug/l	99
86) Hexachloroethane	12.59	117	28351	4.740	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	87557	5.271	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	12.99	75	13594	4.673	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	54457	5.148	ug/l	97
90) Hexachlorobutadiene	13.78	225	28545	5.339	ug/l	96
91) Naphthalene	13.83	128	167258	4.889	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	56882	5.256	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC005

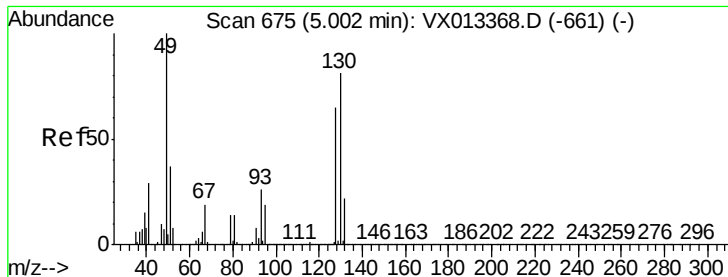
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

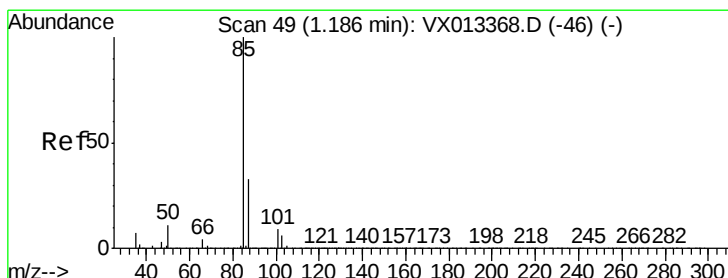
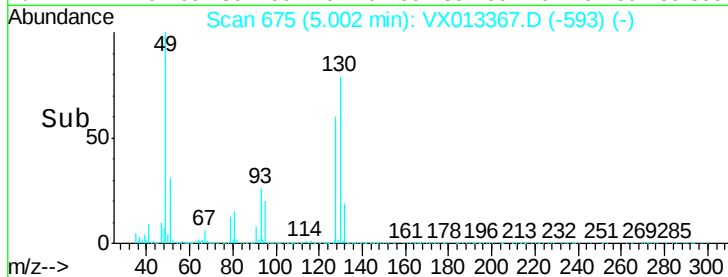
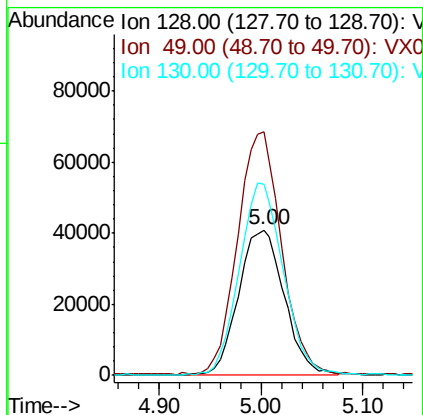
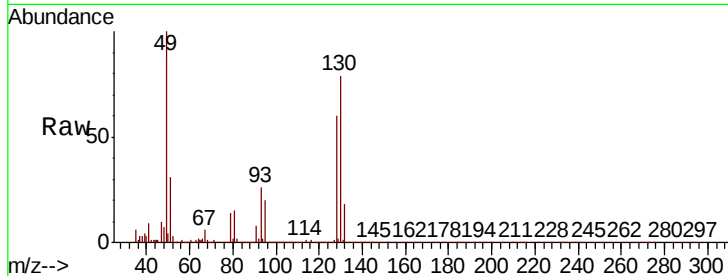
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	126917
Ion Ratio	Lower	Upper	
128	100		
49	159.8	0.0	388.3
130	127.8	0.0	318.5

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#2

Dichlorodifluoromethane

Concen: 4.406 ug/l

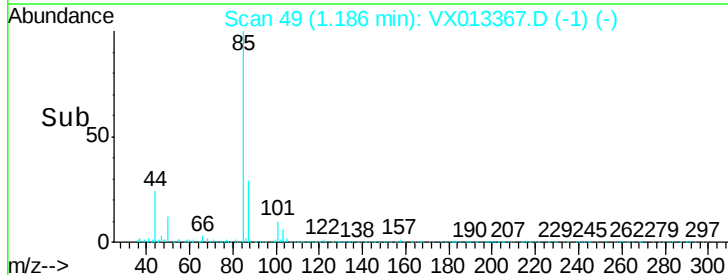
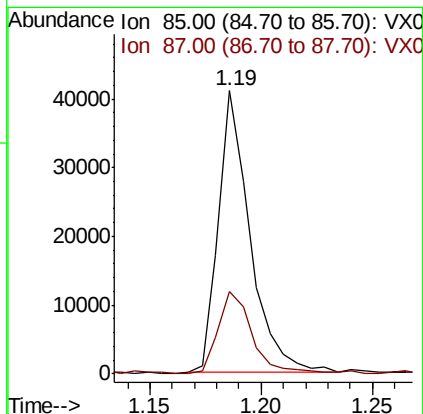
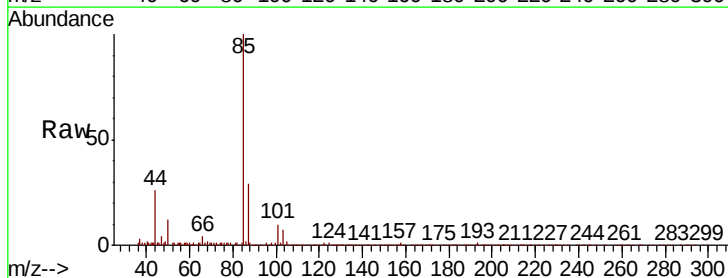
RT: 1.19 min Scan# 49

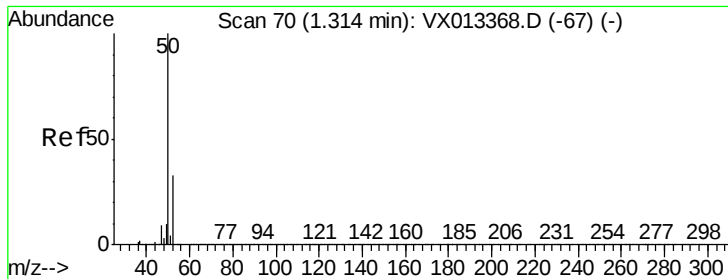
Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion:	85	Resp:	40137
Ion Ratio	Lower	Upper	
85	100		
87	29.2	16.6	49.7





#3

Chloromethane

Concen: 5.710 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 47854

Ion Ratio Lower Upper

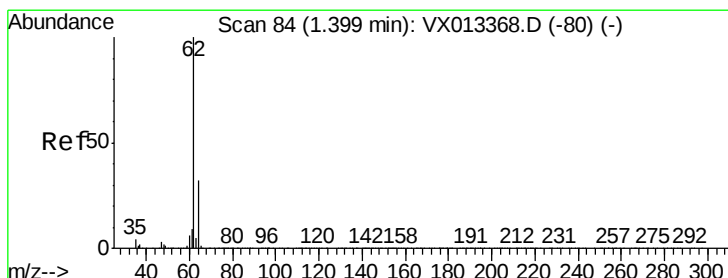
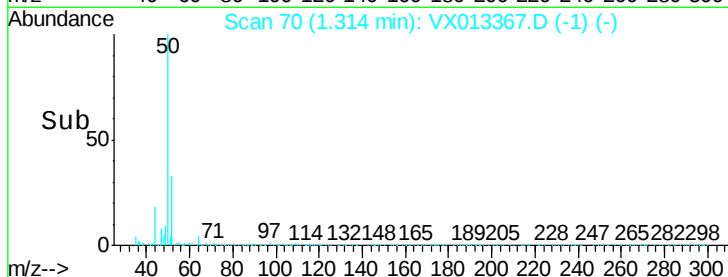
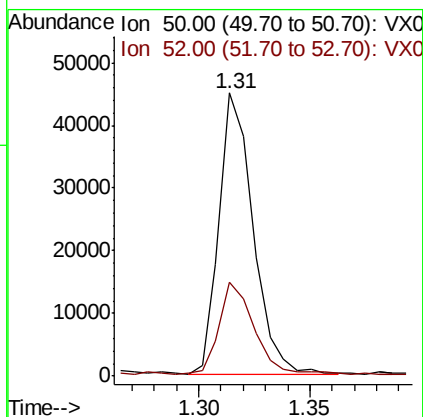
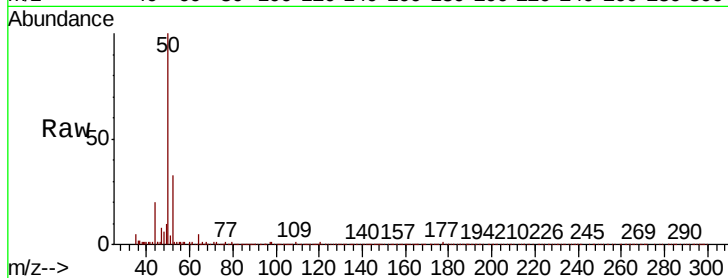
50 100

52 32.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 5.907 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013367.D

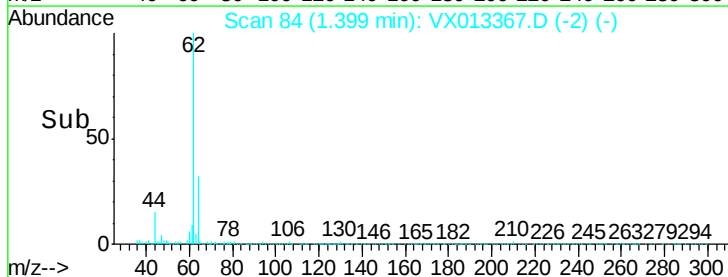
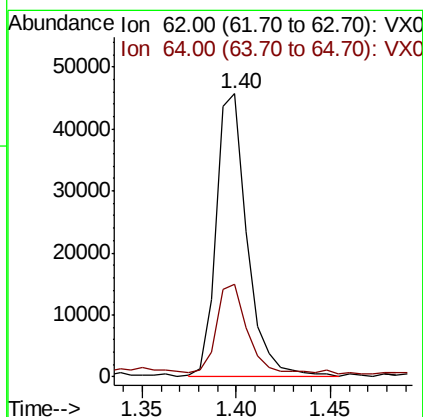
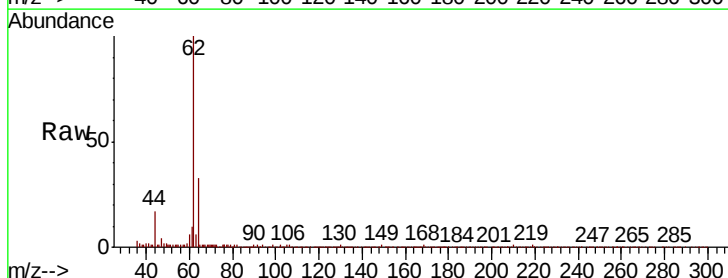
Acq: 11 Nov 2019 16:29

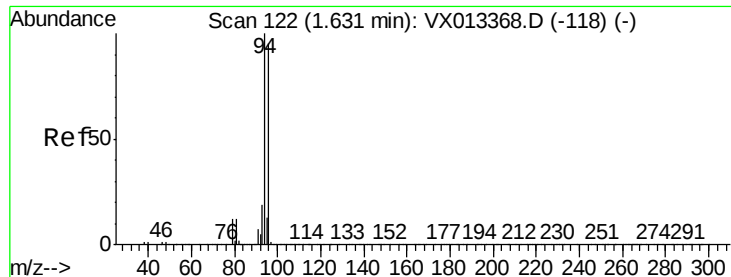
Tgt Ion: 62 Resp: 52289

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 7.804 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 36122

Ion Ratio Lower Upper

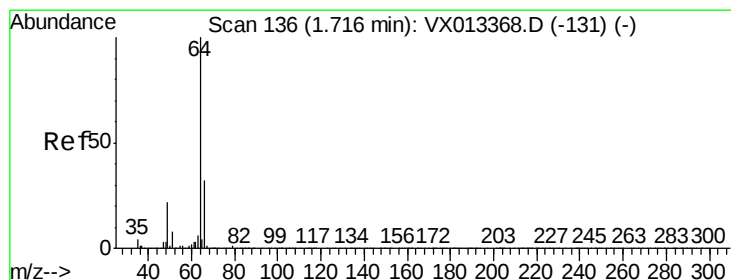
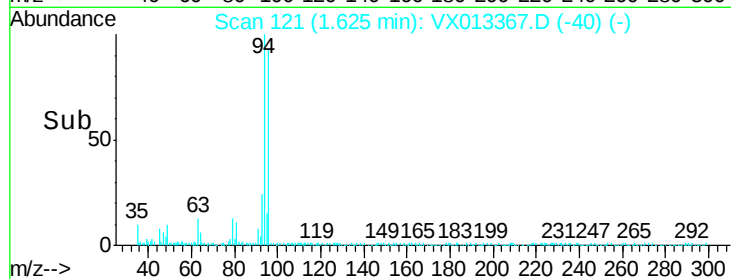
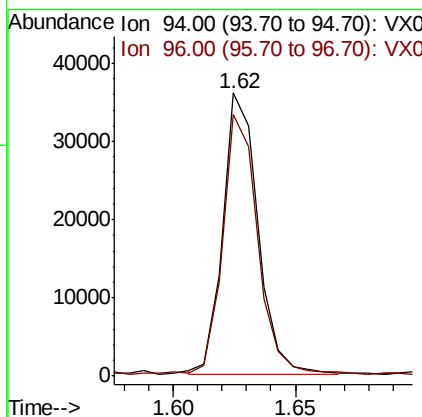
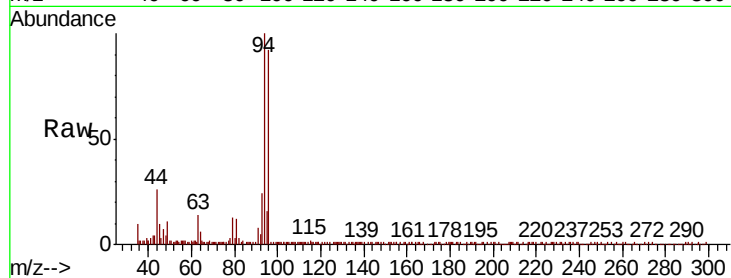
94 100

96 92.0 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 6.242 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013367.D

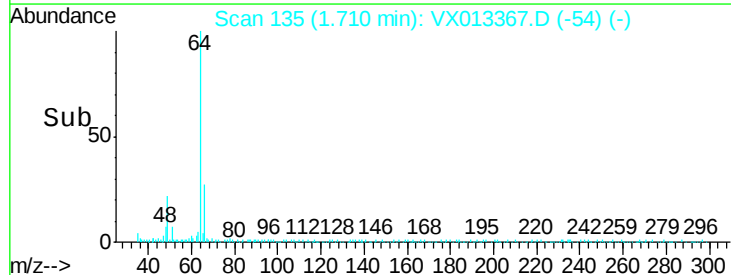
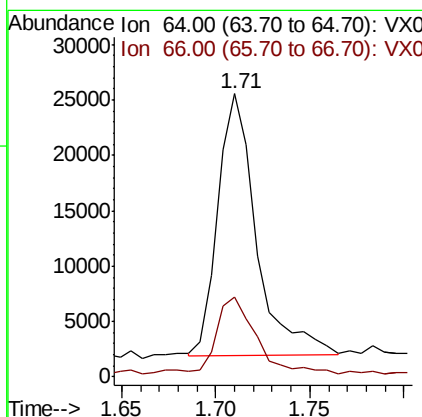
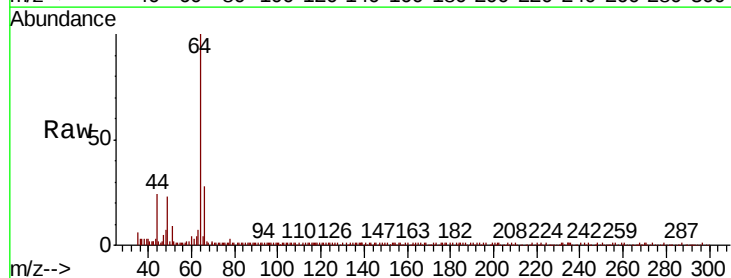
Acq: 11 Nov 2019 16:29

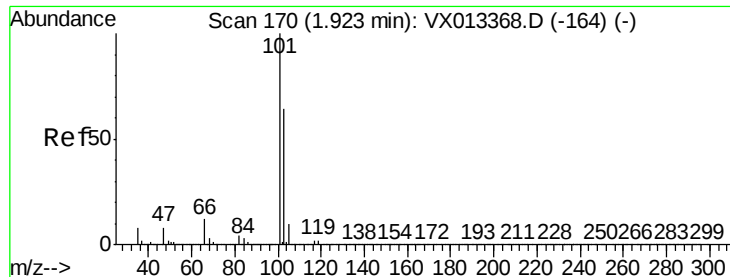
Tgt Ion: 64 Resp: 33689

Ion Ratio Lower Upper

64 100

66 28.9 25.5 38.3





#7

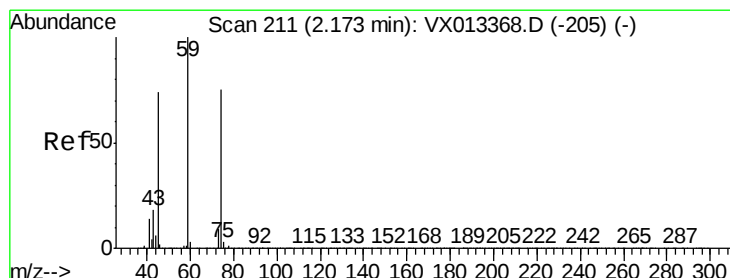
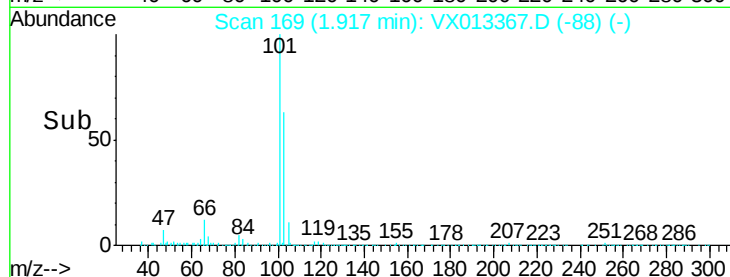
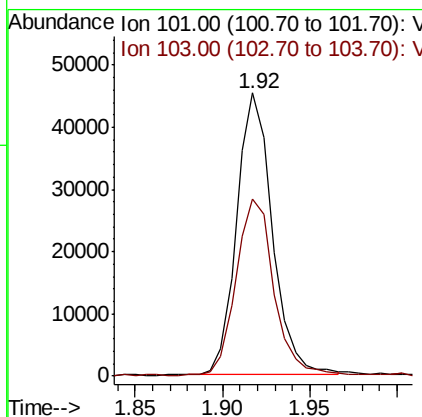
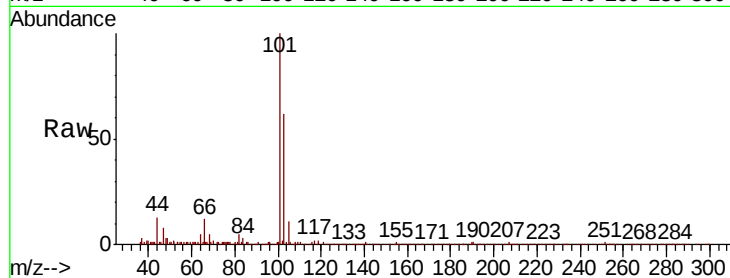
Trichlorofluoromethane
Concen: 4.955 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
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ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.2	76.8

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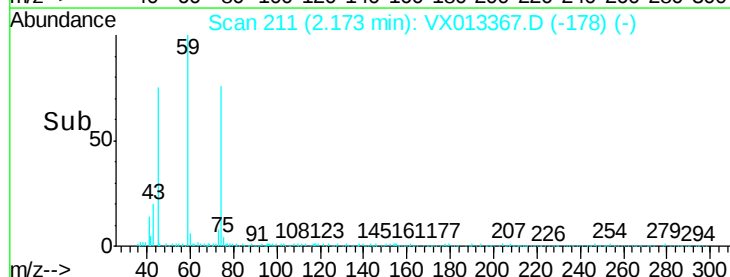
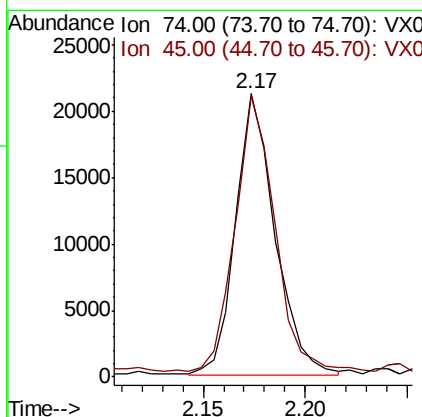
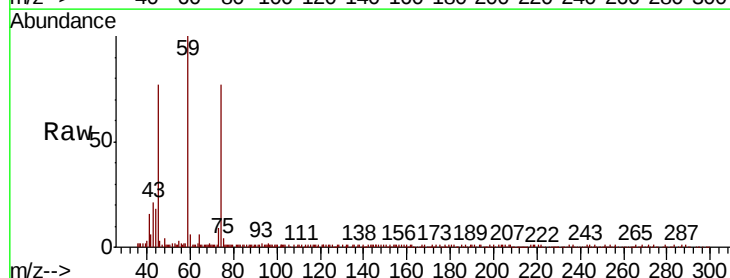
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11/12/2019 11:49:34 AM

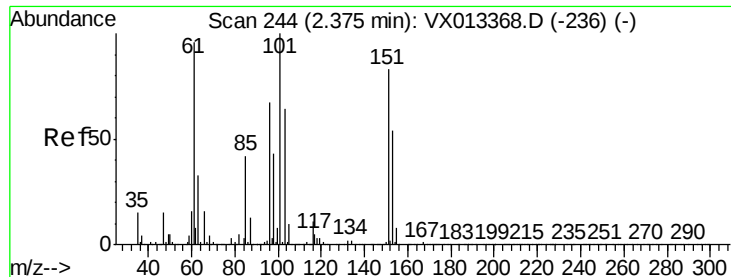


#8

Diethyl Ether
Concen: 6.077 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.710 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

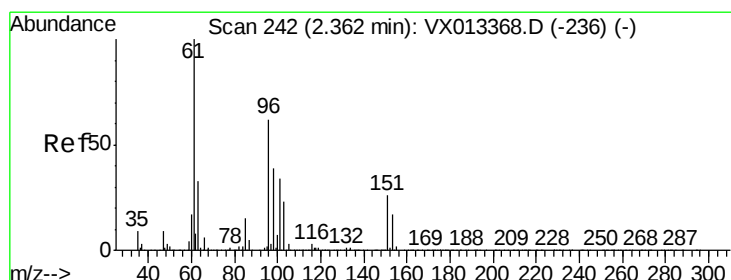
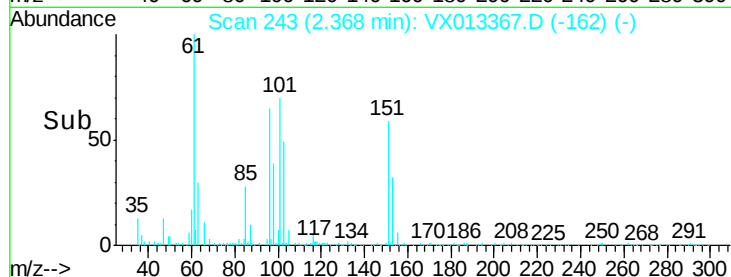
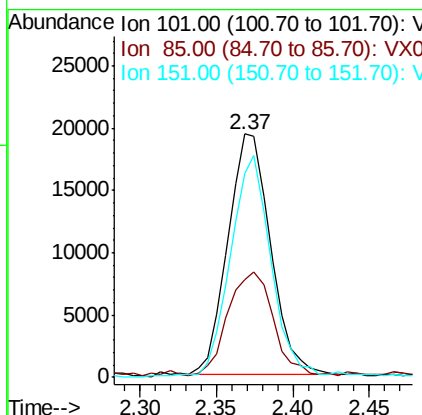
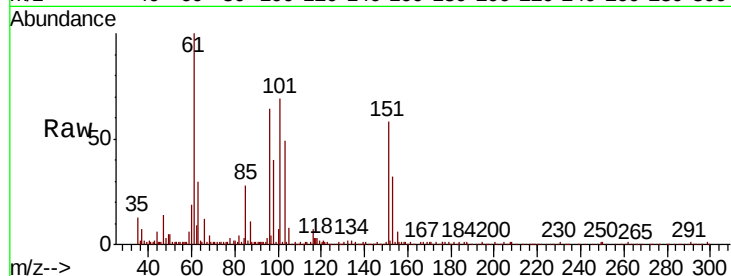
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	37475
Ion Ratio	Lower	Upper	
101	100		
85	45.0	0.0	83.2
151	87.0	0.0	163.8

Manual Integrations
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11/12/2019 11:49:34 AM



#10

1,1-Dichloroethene

Concen: 4.910 ug/l

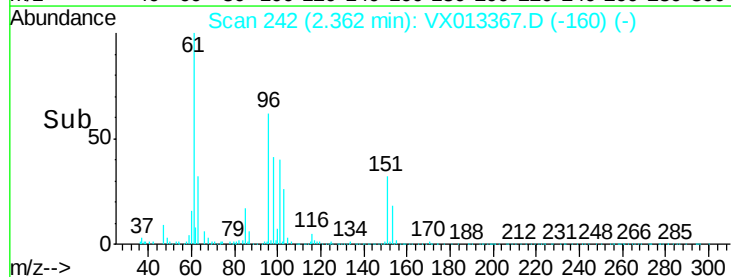
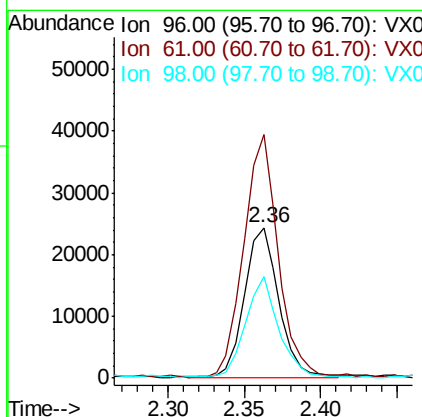
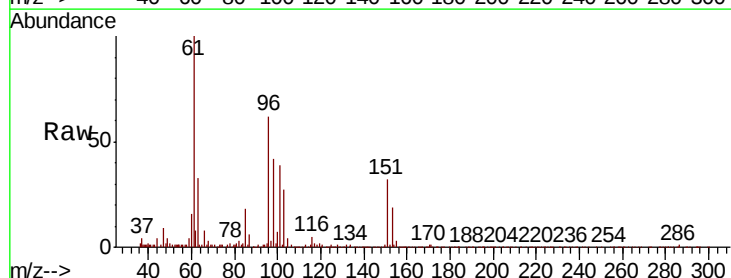
RT: 2.36 min Scan# 242

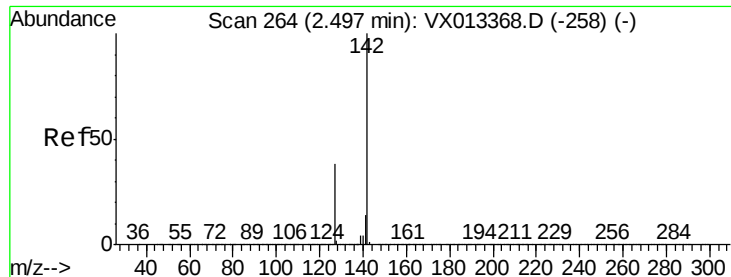
Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion:	96	Resp:	37863
Ion Ratio	Lower	Upper	
96	100		
61	162.1	128.9	193.3
98	67.3	49.7	74.5





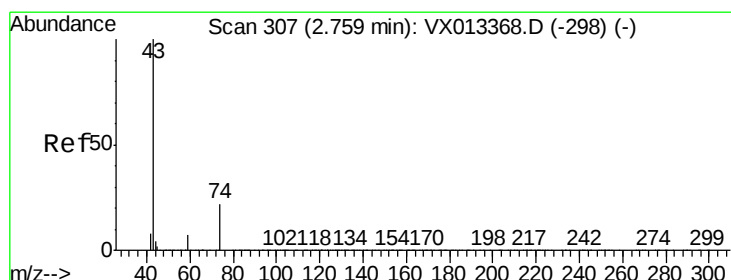
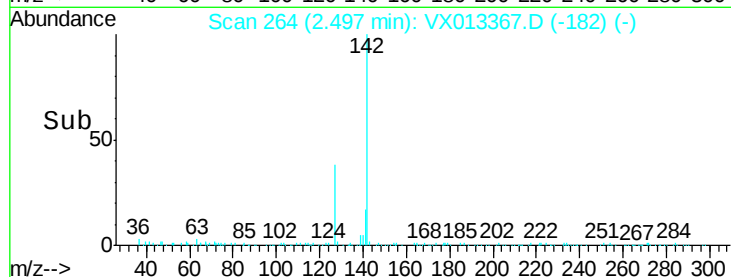
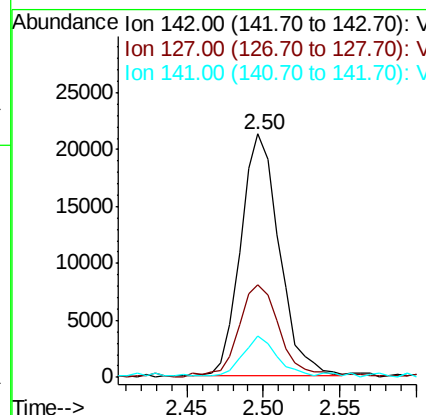
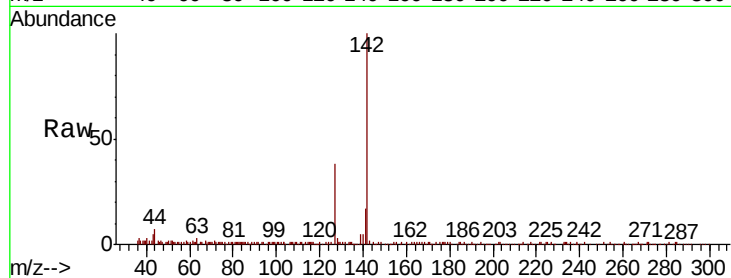
#11
Methvl Iodide
Concen: 3.793 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.1	19.1	57.5
141	16.5	7.0	21.0

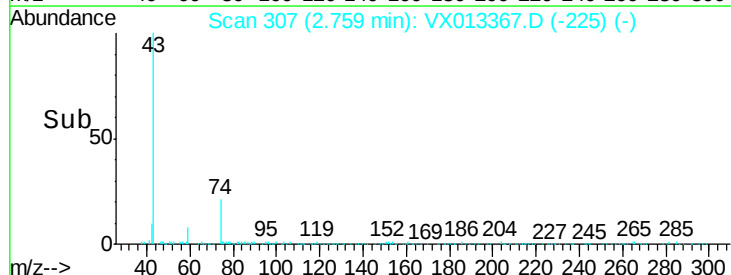
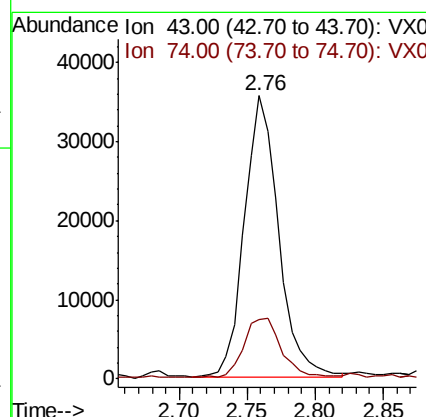
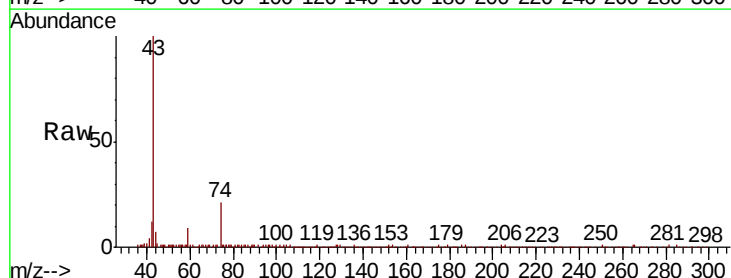
Manual Integrations
APPROVED

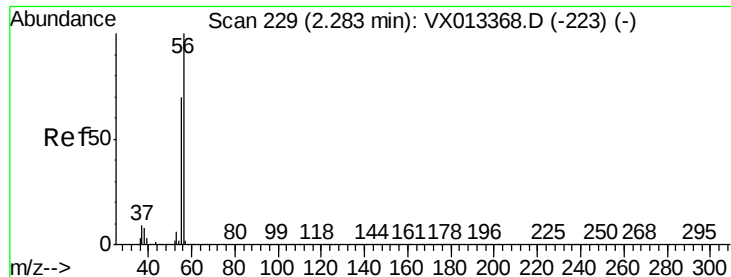
MMDadoda
11/12/2019 11:49:34 AM



#12
Methyl Acetate
Concen: 5.890 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	18.0	27.0





#13

Acrolein

Concen: 26.100 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 37975

Ion Ratio Lower Upper

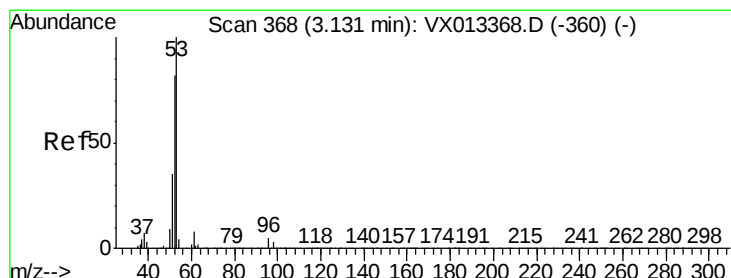
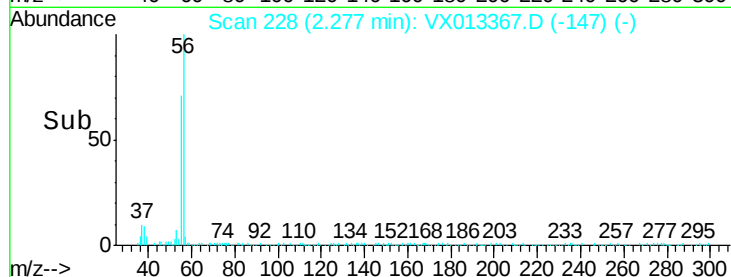
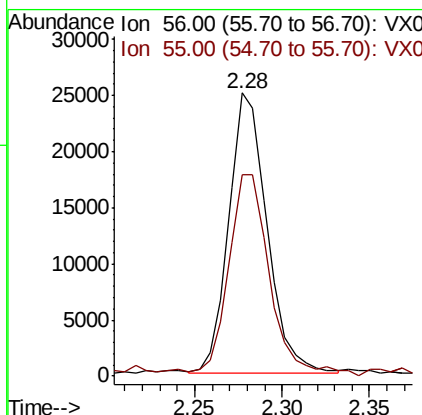
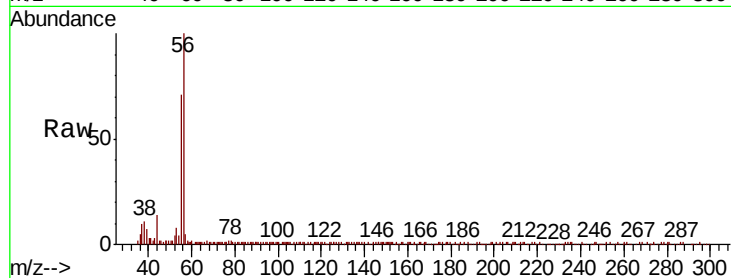
56 100

55 77.9 55.8 83.8

Manual Integrations
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11/12/2019 11:49:34 AM



#14

Acrylonitrile

Concen: 28.172 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

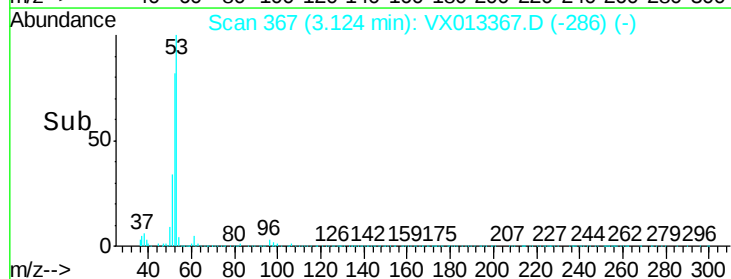
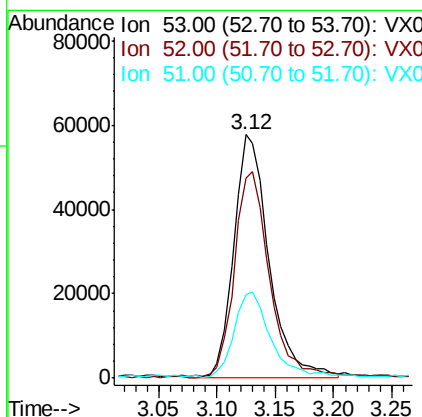
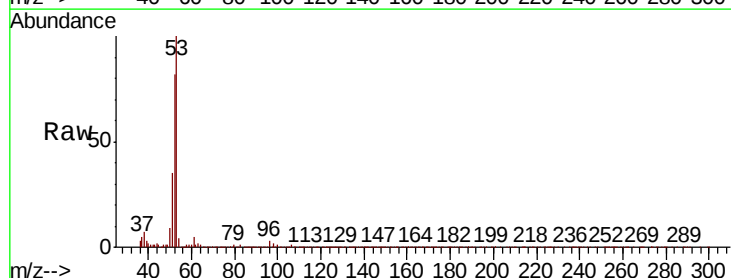
Tgt Ion: 53 Resp: 120980

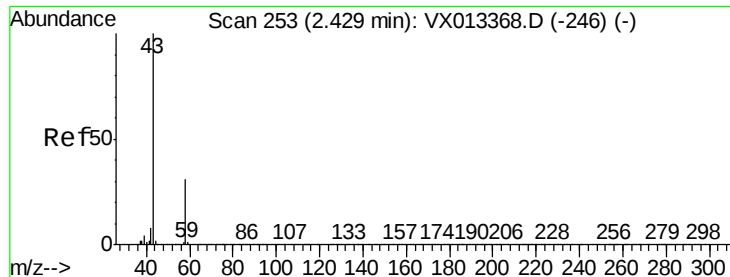
Ion Ratio Lower Upper

53 100

52 82.2 41.0 123.0

51 35.2 17.3 51.9





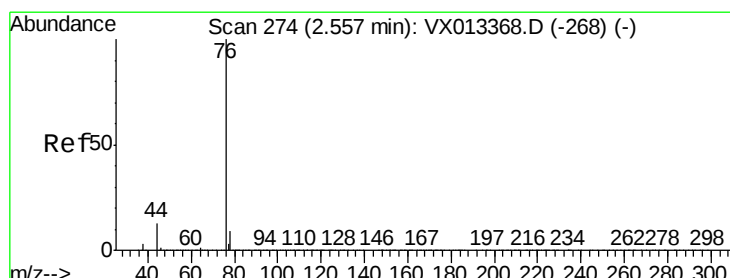
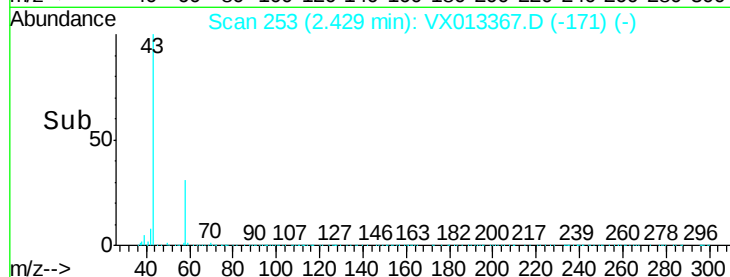
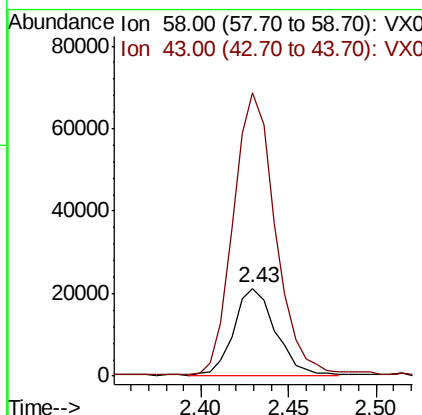
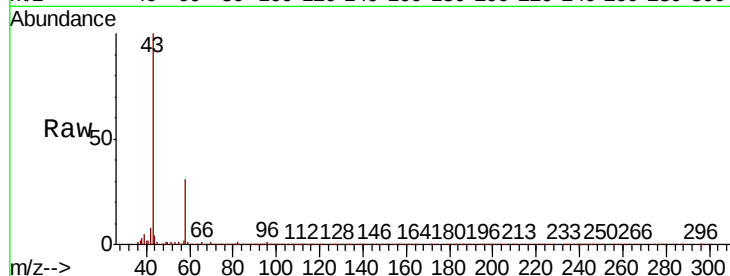
#15
Acetone
Concen: 25.318 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	58	Ratio	Lower	Upper
58	100			
43	320.4	261.4	392.2	

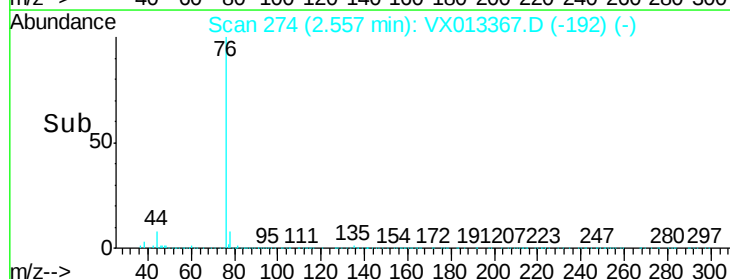
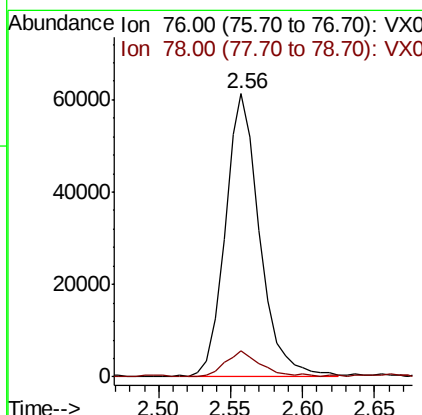
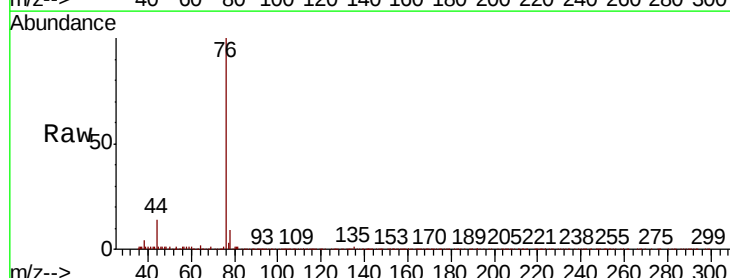
Manual Integrations
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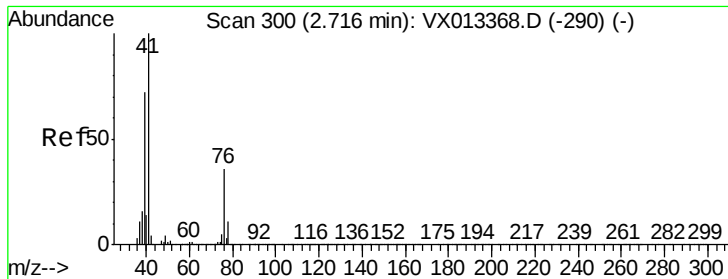
MMDadoda
11/12/2019 11:49:34 AM



#16
Carbon Disulfide
Concen: 4.872 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	76	Ratio	Lower	Upper
76	100			
78	9.0	7.4	11.0	





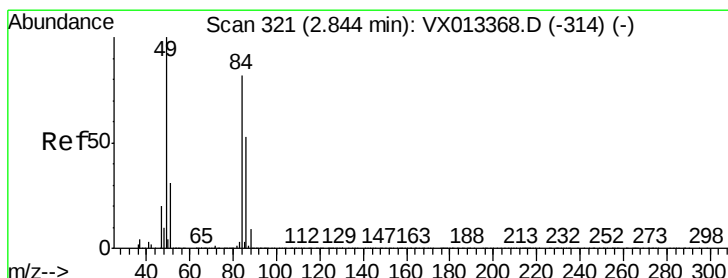
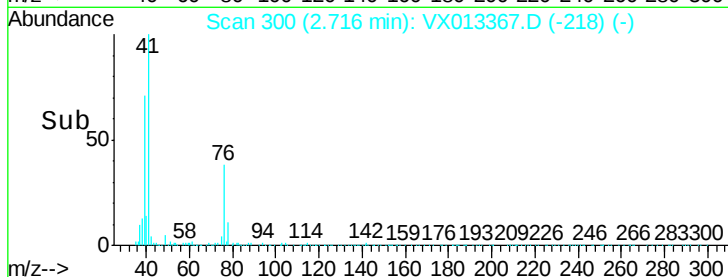
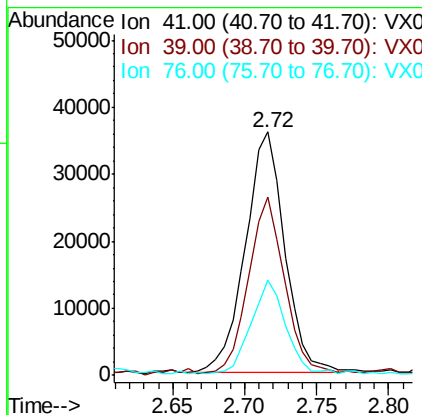
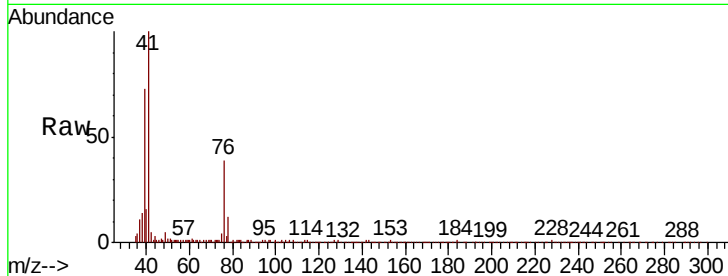
#17
Allvl chloride
Concen: 5.349 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	67603
Ion Ratio	Lower	Upper	
41	100		
39	72.9	36.1	108.3
76	39.0	18.1	54.4

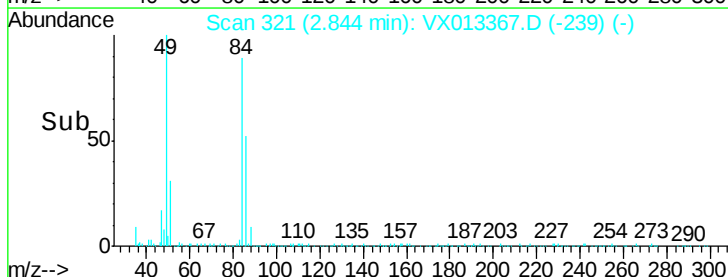
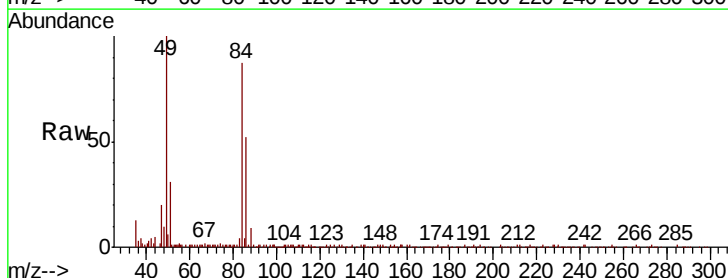
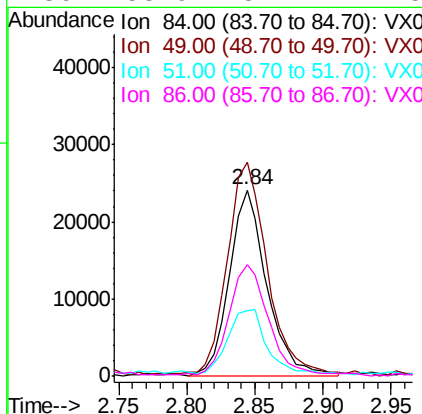
Manual Integrations
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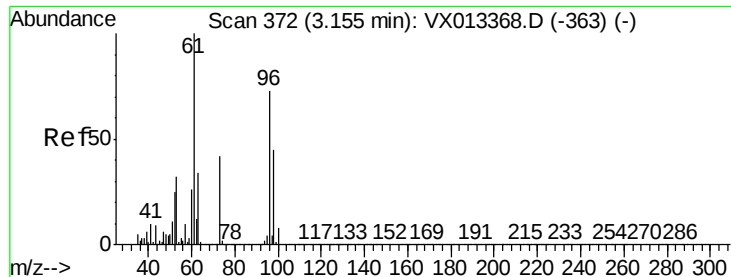
MMDadoda
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#18
Methylene Chloride
Concen: 5.217 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:	84	Resp:	46358
Ion Ratio	Lower	Upper	
84	100		
49	112.5	96.8	145.2
51	34.0	30.0	45.0
86	58.9	51.7	77.5





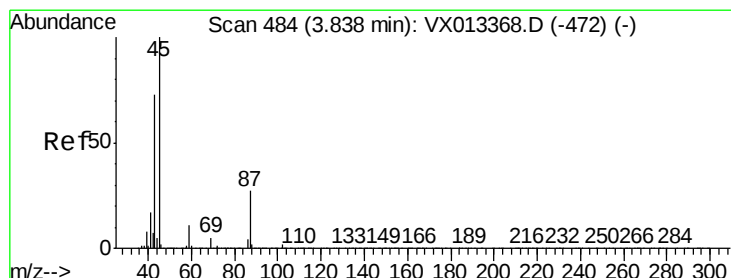
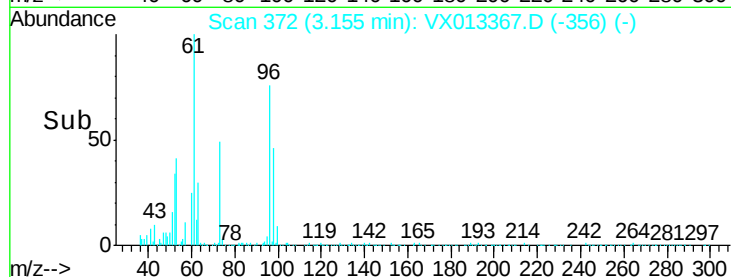
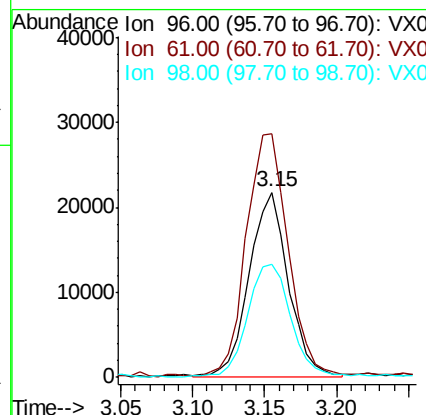
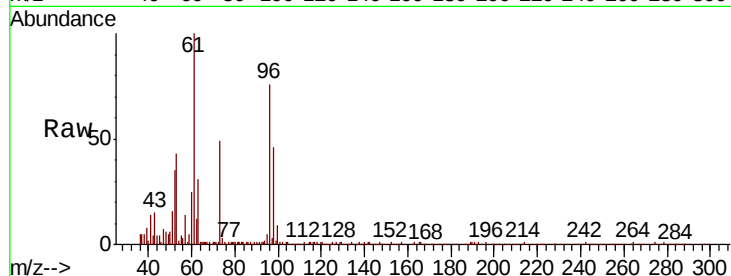
#19
trans-1,2-Dichloroethene
Concen: 5.040 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	109.9	164.9
98	60.5	49.7	74.5

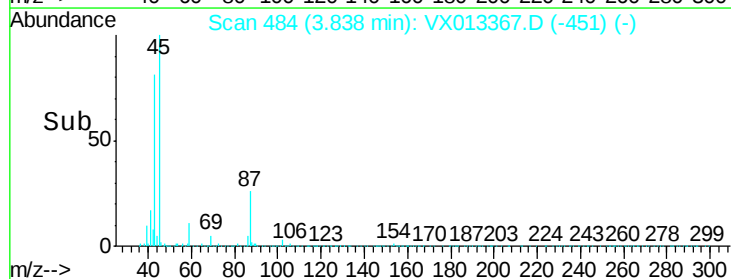
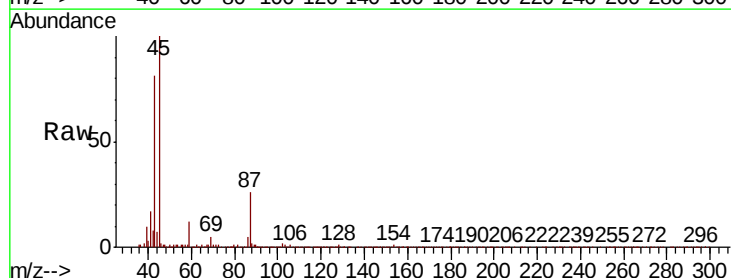
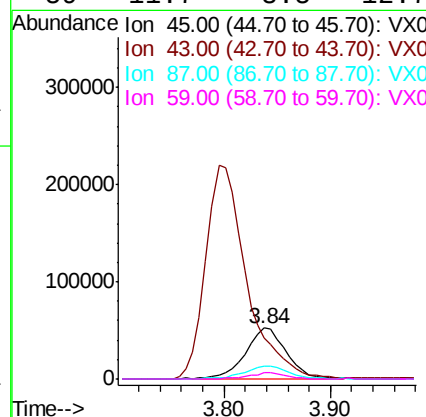
Manual Integrations
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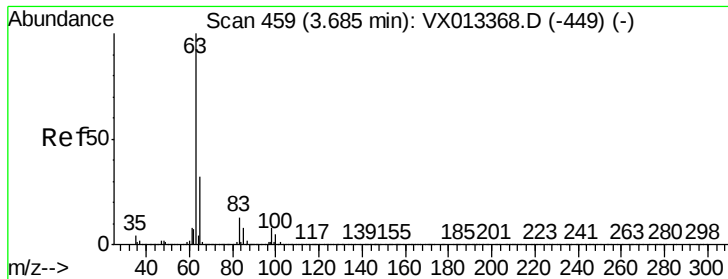
MMDadoda
11/12/2019 11:49:34 AM



#20
Diisopropyl ether
Concen: 5.648 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.2	67.7	101.5
87	25.7	21.5	32.3
59	11.7	8.5	12.7





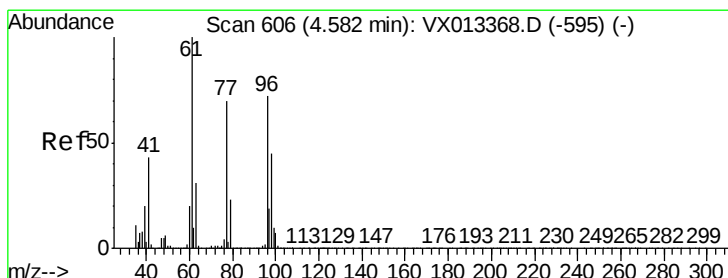
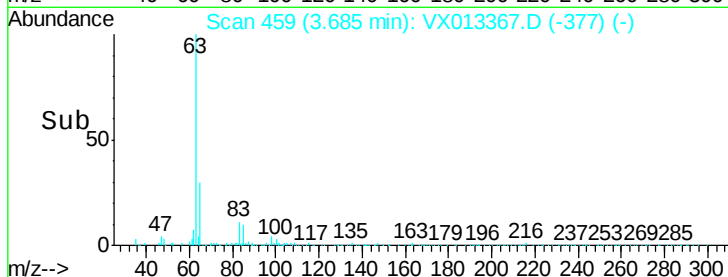
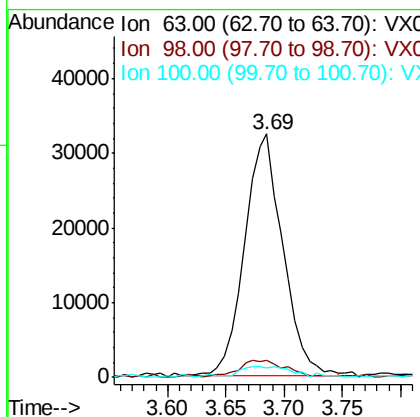
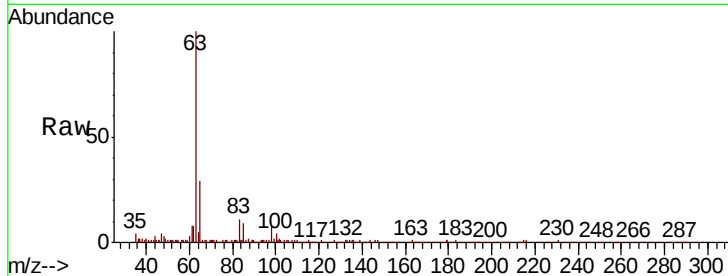
#21
1,1-Dichloroethane
Concen: 5.126 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	63	Resp:	74231
Ion Ratio	Lower	Upper	
63	100		
98	6.4	4.0	11.9
100	3.4	2.5	7.5

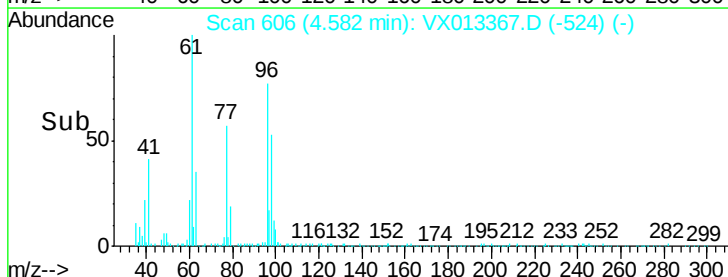
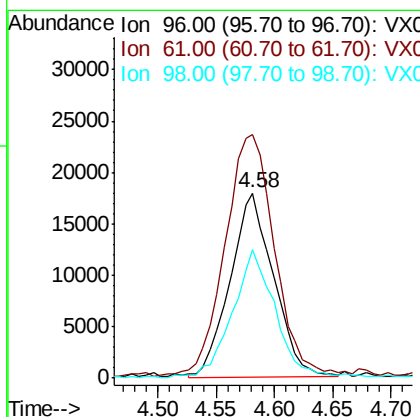
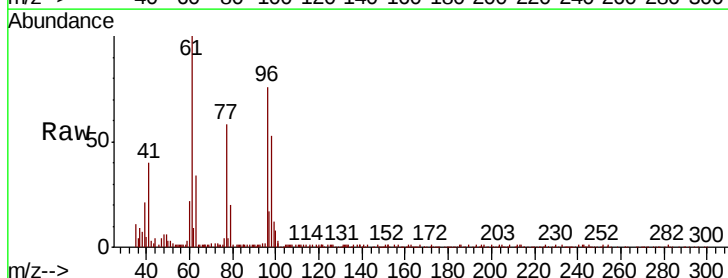
Manual Integrations
APPROVED

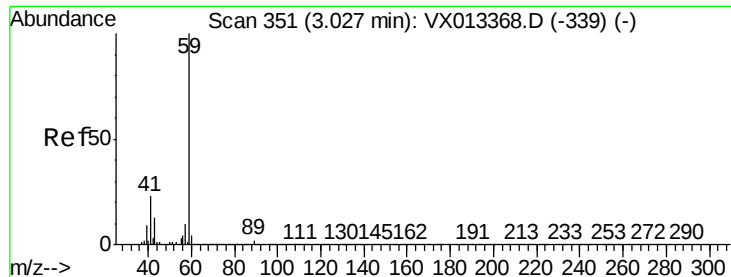
MMDadoda
11/12/2019 11:49:34 AM



#22
cis-1,2-Dichloroethene
Concen: 5.005 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:	96	Resp:	46583
Ion Ratio	Lower	Upper	
96	100		
61	150.3	117.0	175.6
98	67.1	51.1	76.7





#23

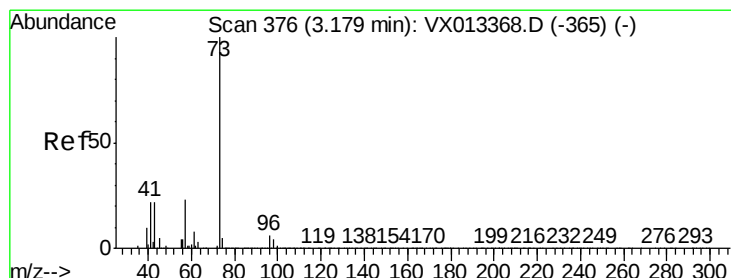
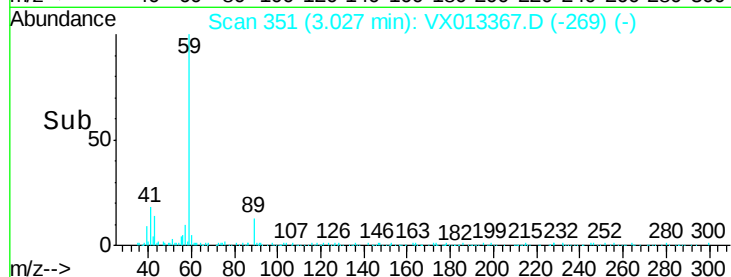
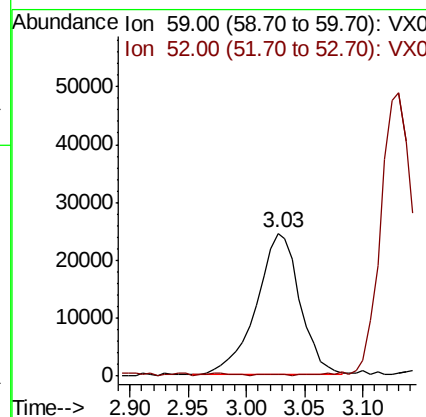
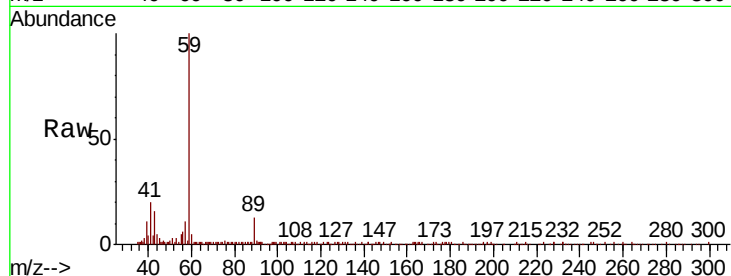
tert-Butyl Alcohol
Concen: 29.004 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

Manual Integrations
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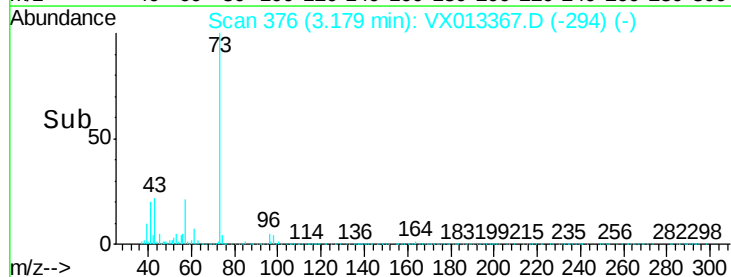
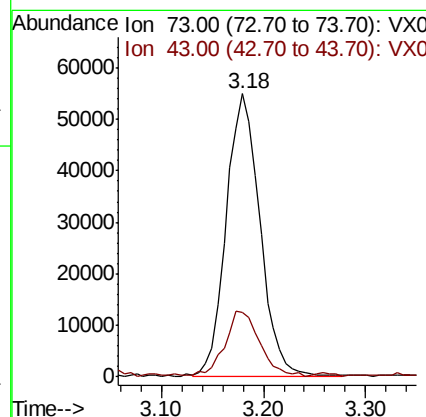
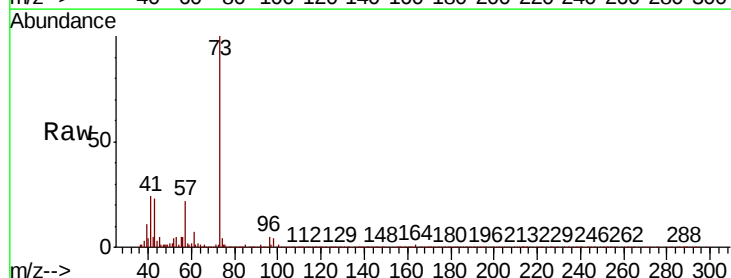
MMDadoda
11/12/2019 11:49:34 AM

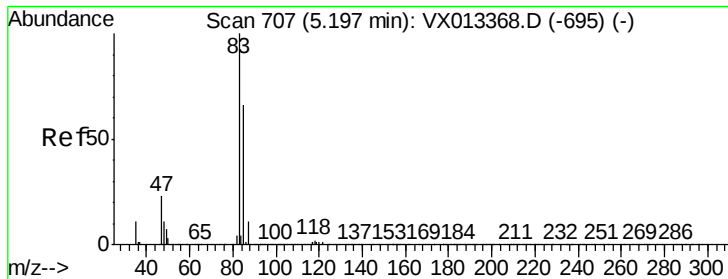


#24

Methyl tert-Butyl Ether
Concen: 4.746 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.0	25.6





#25

Chloroform

Concen: 5.021 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 75415

Ion Ratio Lower Upper

83 100

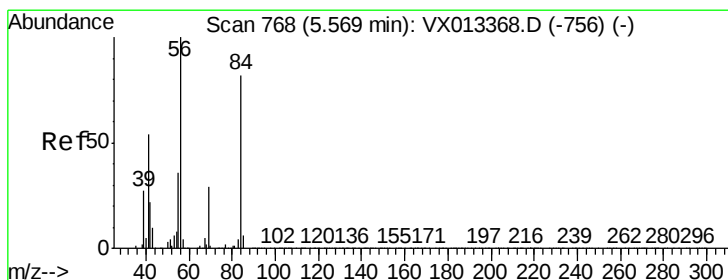
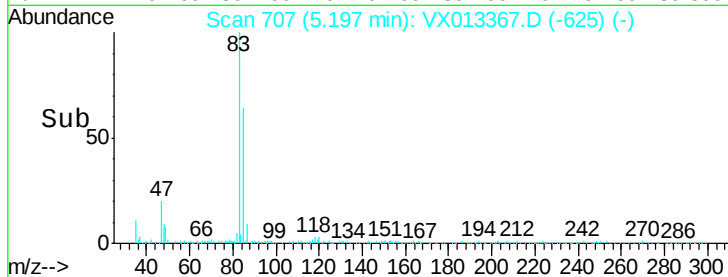
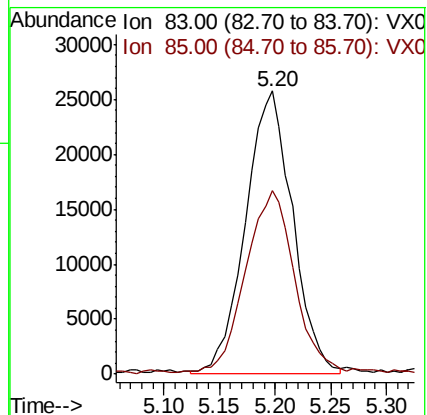
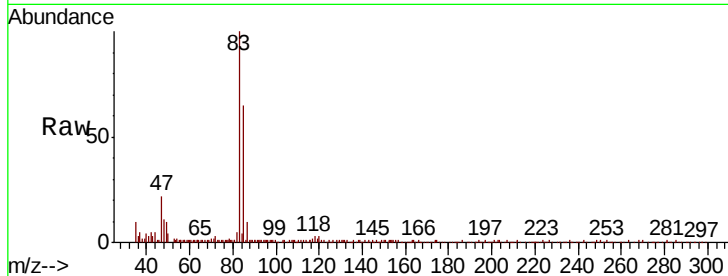
85 64.4 52.4 78.6

Manual Integrations

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MMDadoda

11/12/2019 11:49:34 AM



#26

Cyclohexane

Concen: 5.365 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

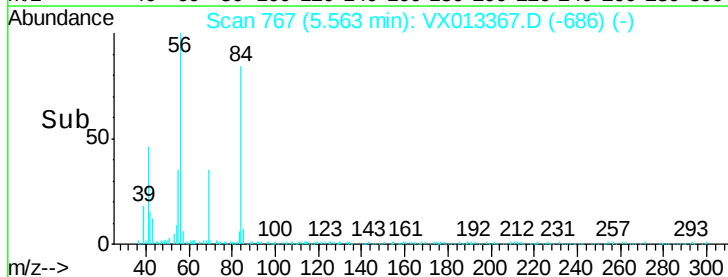
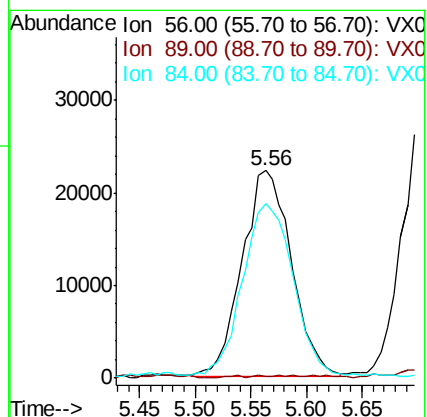
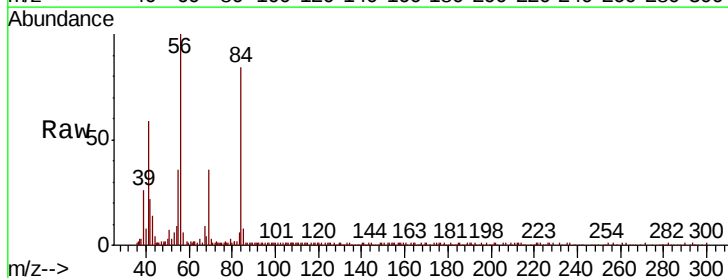
Tgt Ion: 56 Resp: 68629

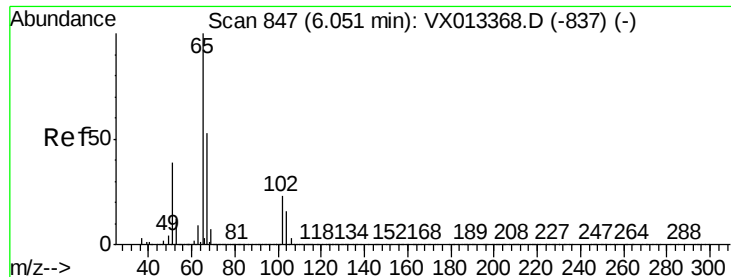
Ion Ratio Lower Upper

56 100

89 0.3 0.0 0.0#

84 86.6 70.5 105.7





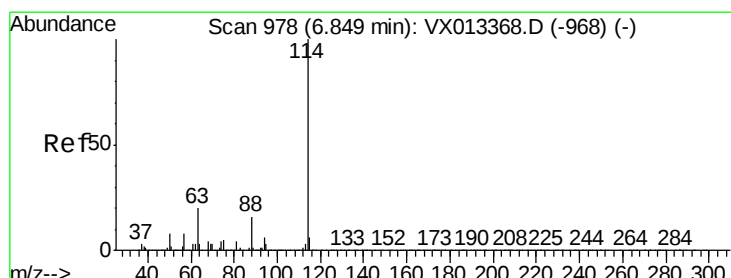
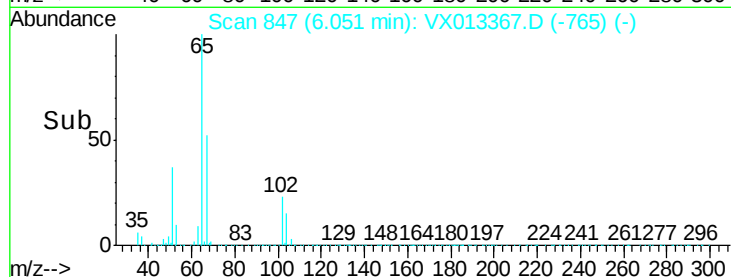
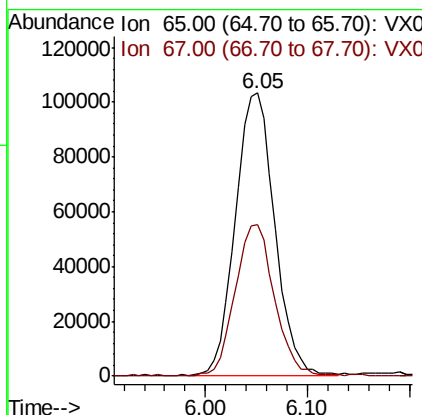
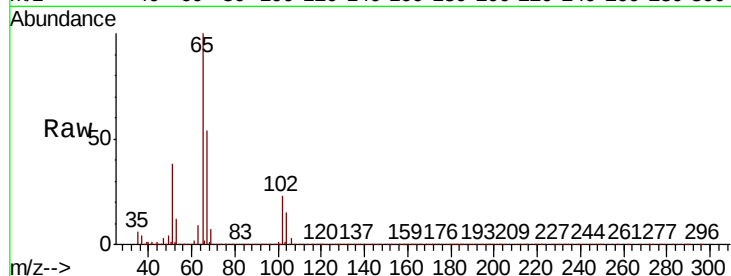
#27
 1,2-Dichloroethane-d4
 Concen: 28.075 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.0	61.6

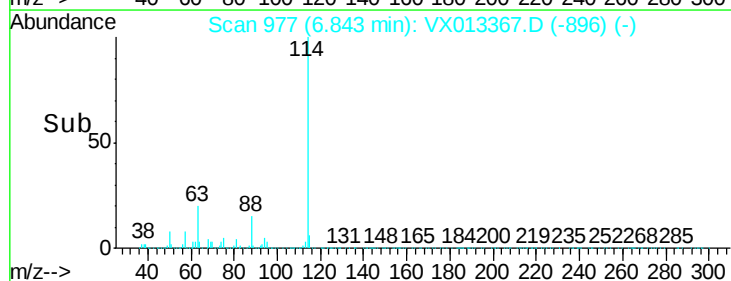
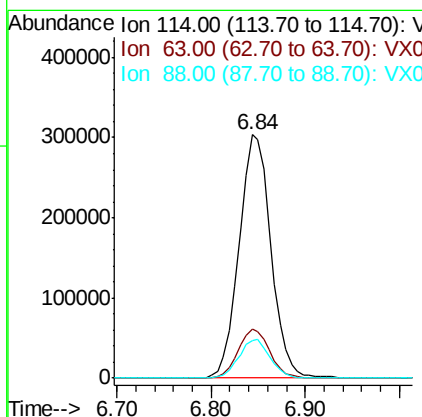
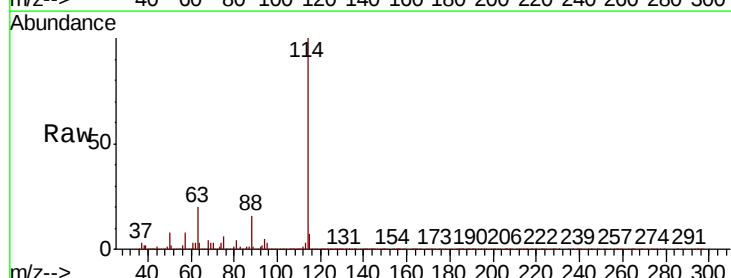
Manual Integrations
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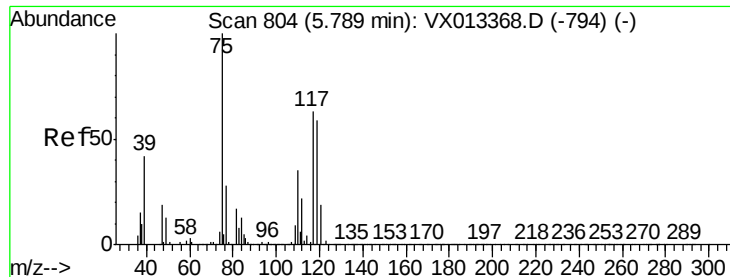
MMDadoda
 11/12/2019 11:49:34 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.6	12.3	18.5





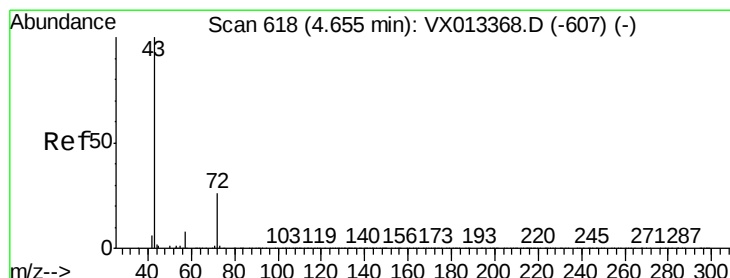
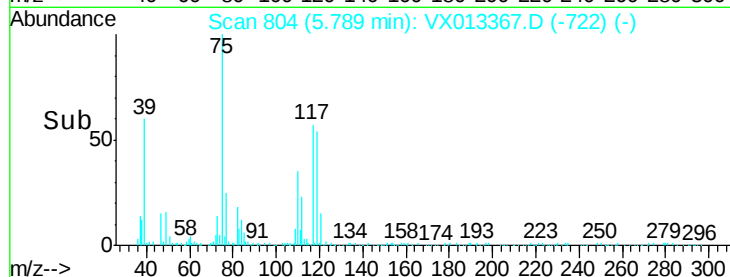
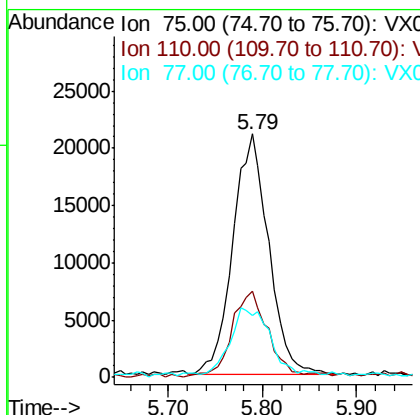
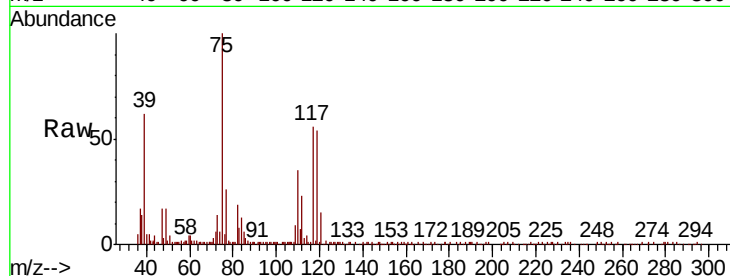
#29
 1,1-Dichloropropene
 Concen: 5.100 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.3	0.0	74.6
77	17.3	0.0	62.6

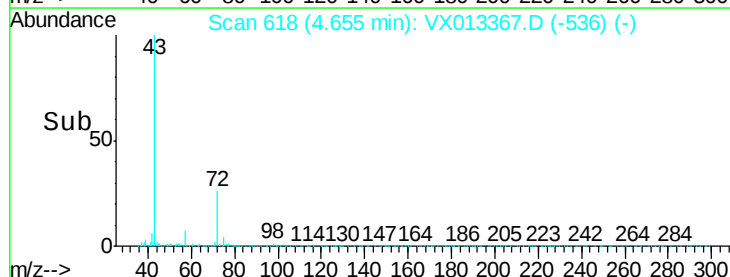
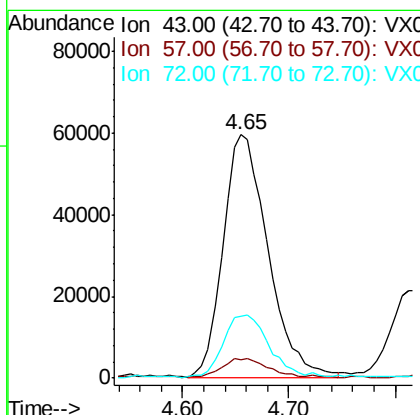
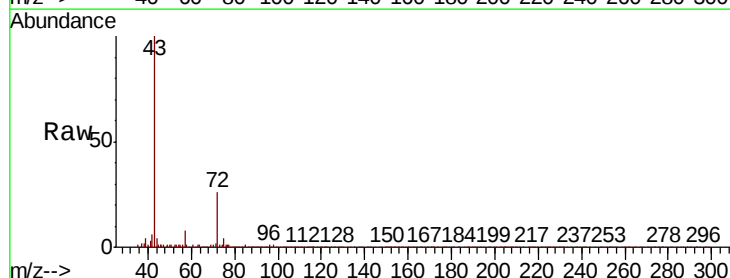
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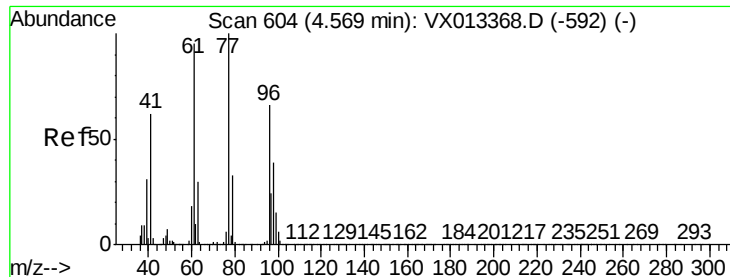
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 11/12/2019 11:49:34 AM



#30
 2-Butanone
 Concen: 29.180 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.1	9.1
72	25.4	20.5	30.7





#31

2,2-Dichloropropane

Concen: 4.683 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 58821

Ion Ratio Lower Upper

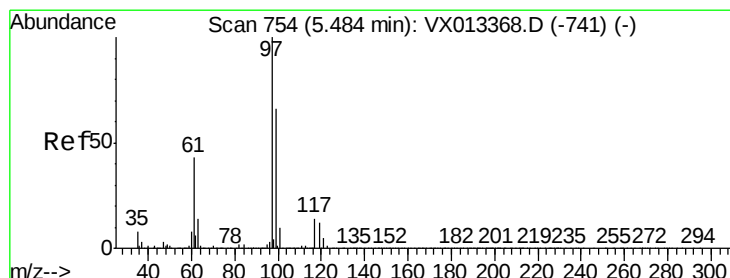
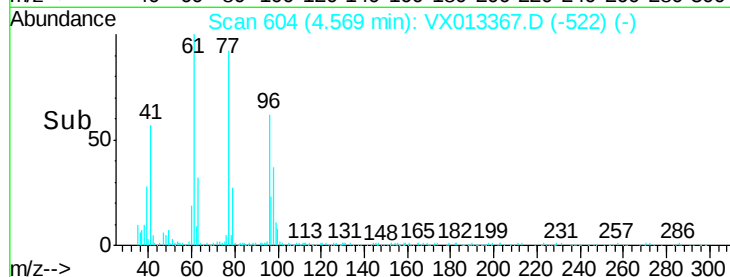
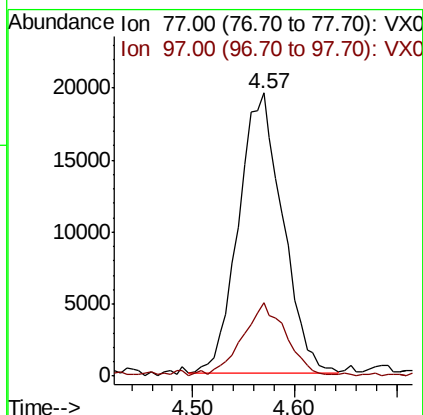
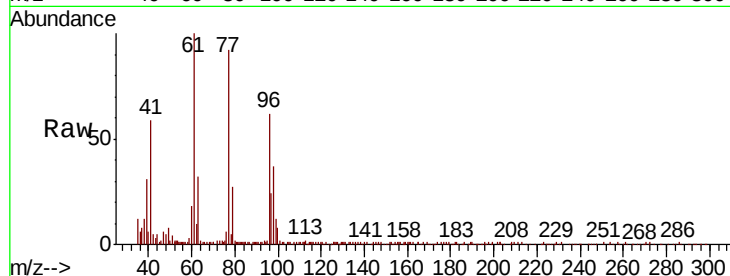
77 100

97 23.7 19.2 28.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 4.618 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

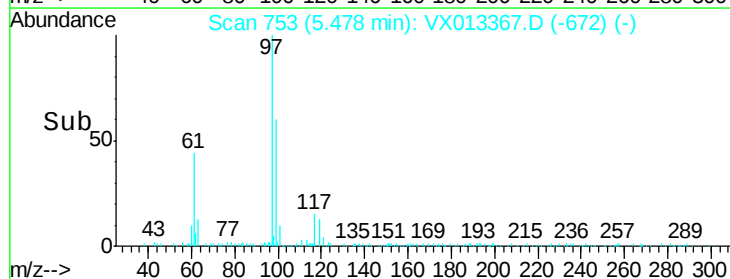
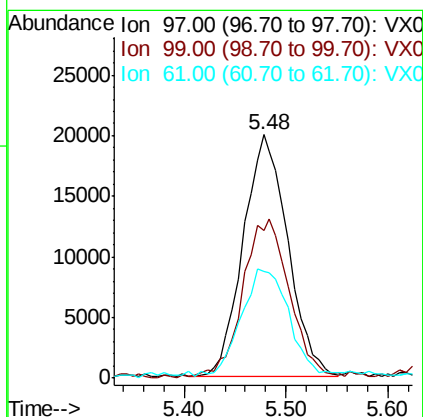
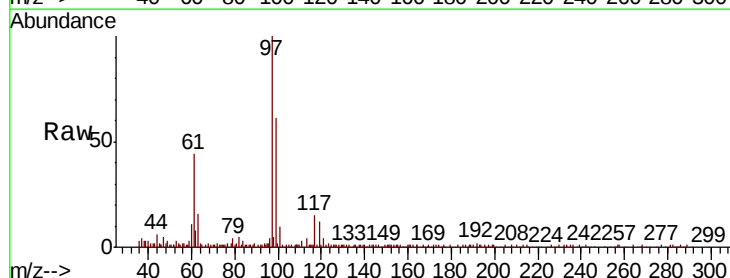
Tgt Ion: 97 Resp: 60380

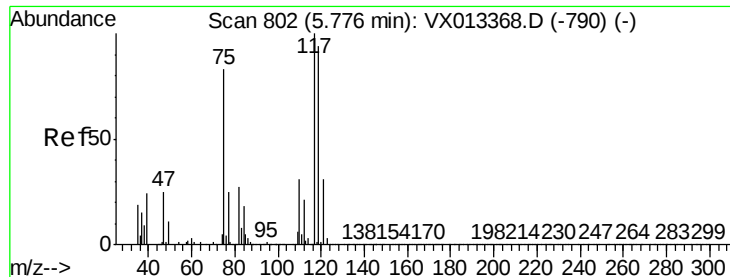
Ion Ratio Lower Upper

97 100

99 67.3 52.5 78.7

61 46.7 36.1 54.1





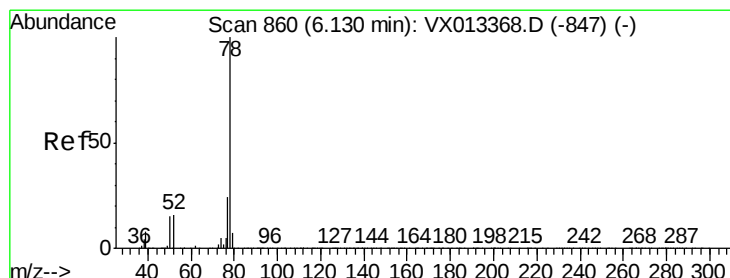
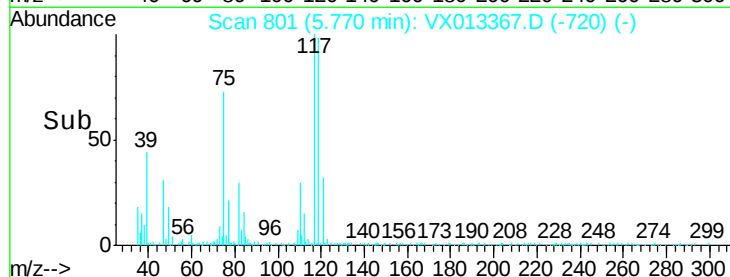
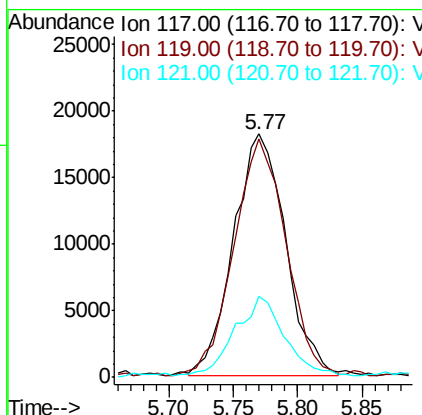
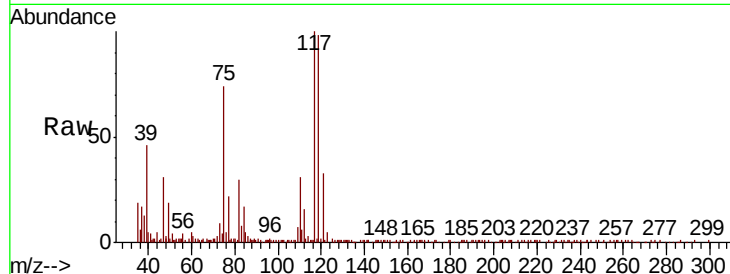
#33
Carbon Tetrachloride
Concen: 4.550 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.0	112.6
121	32.3	24.9	37.3

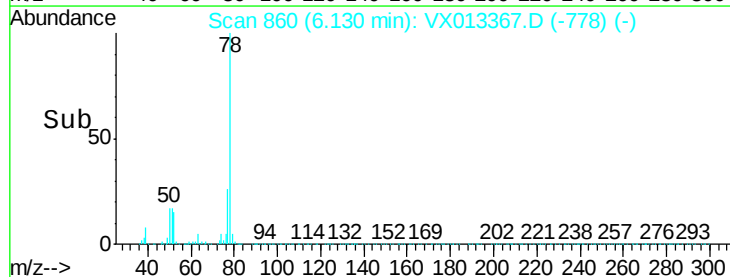
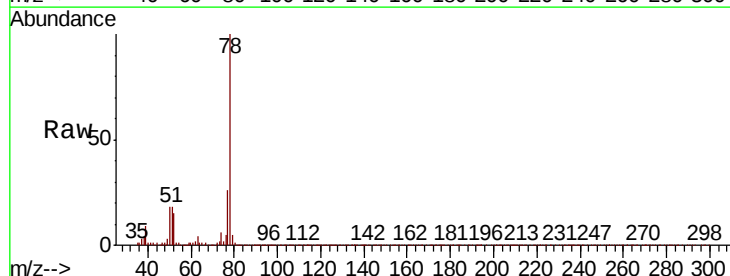
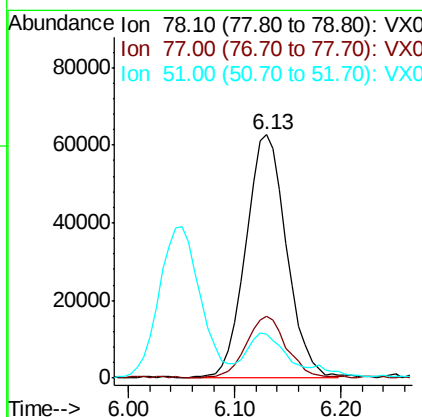
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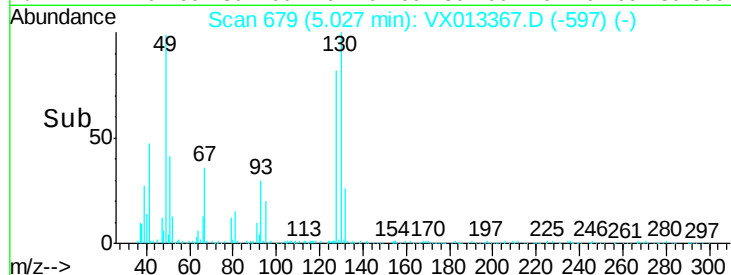
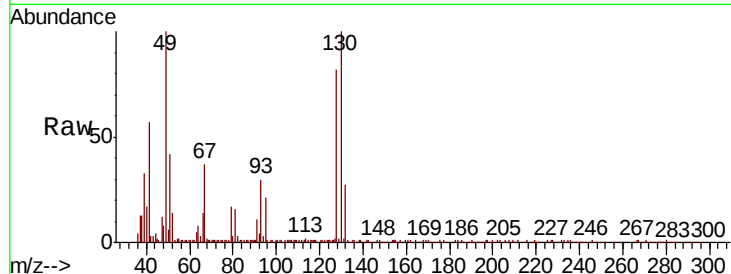
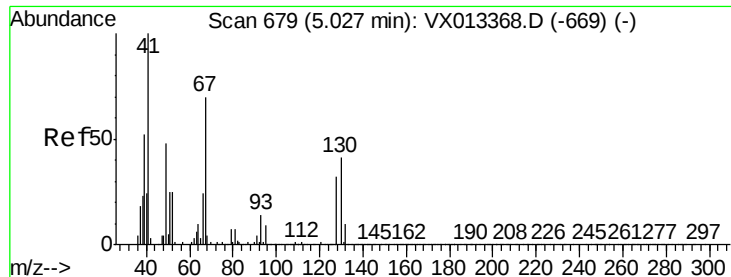
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#34
Benzene
Concen: 5.266 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.3	28.9
51	15.3	12.2	18.4





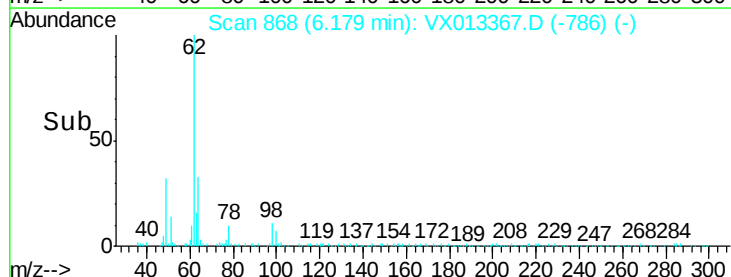
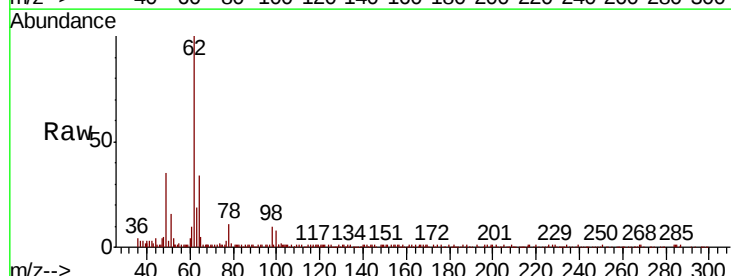
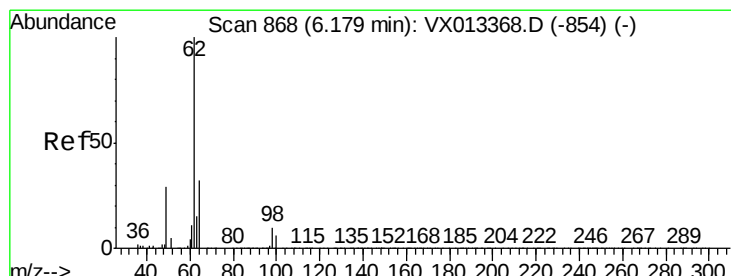
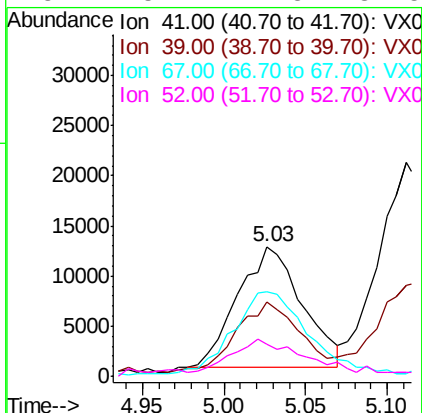
#35
Methacrylonitrile
Concen: 5.342 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tot Ion	41	Resp	32964
Ion Ratio	Lower	Upper	
41	100		
39	55.2	25.9	77.8
67	63.9	35.1	105.5
52	23.2	12.5	37.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

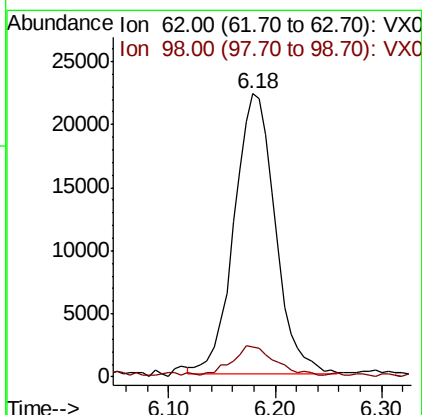
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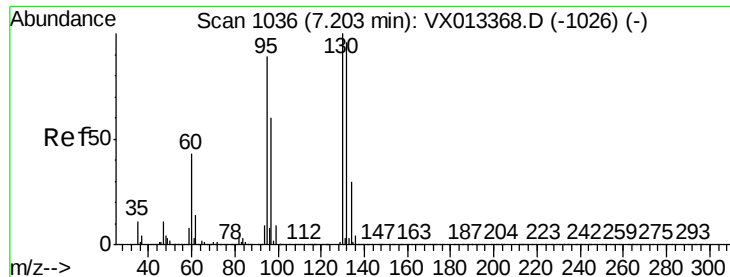
MMDadoda
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#36
1,2-Dichloroethane
Concen: 5.057 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	62	Resp	60002
Ion Ratio	Lower	Upper	
62	100		
98	10.5	8.2	12.2





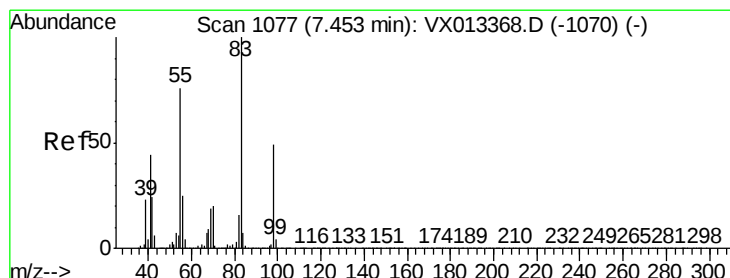
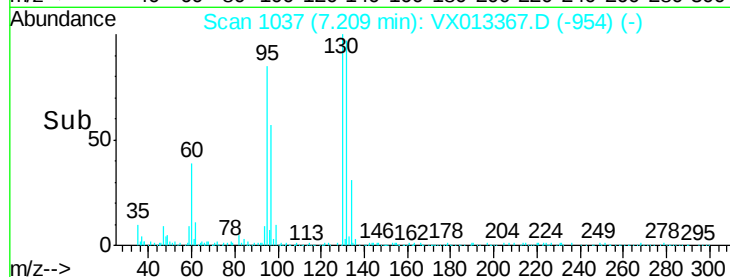
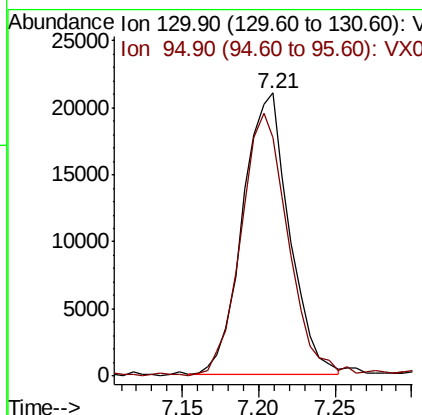
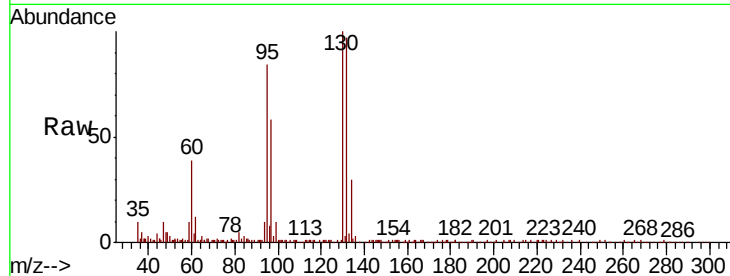
#37
 Trichloroethene
 Concen: 5.067 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 44382
 Ion Ratio Lower Upper
 130 100
 95 85.0 71.3 106.9

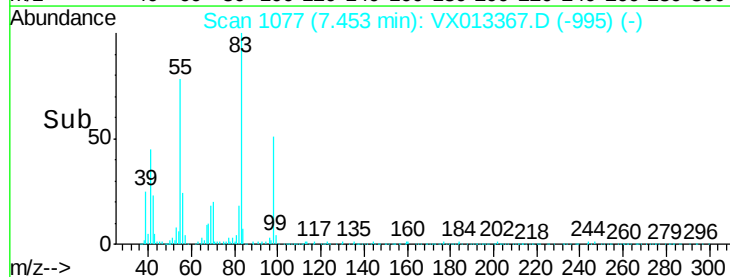
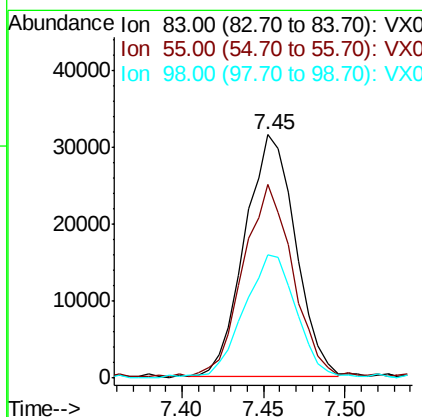
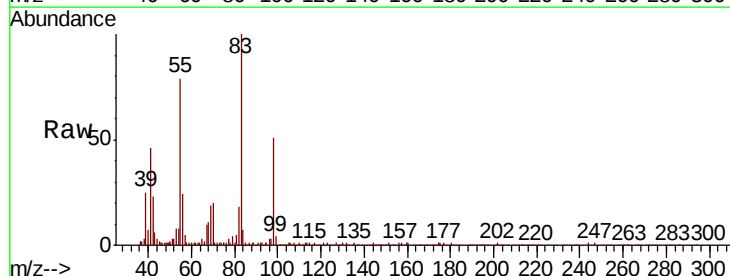
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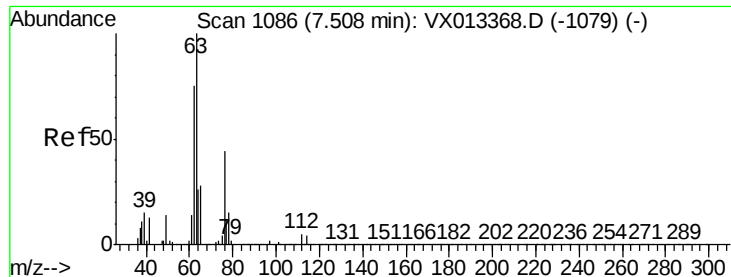
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 11/12/2019 11:49:34 AM



#38
 Methylcyclohexane
 Concen: 5.055 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion: 83 Resp: 67850
 Ion Ratio Lower Upper
 83 100
 55 77.7 37.9 113.7
 98 51.7 25.1 75.3





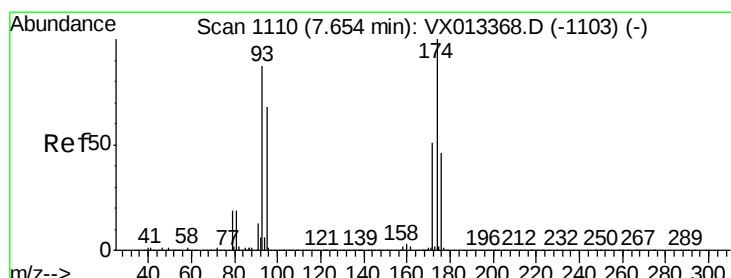
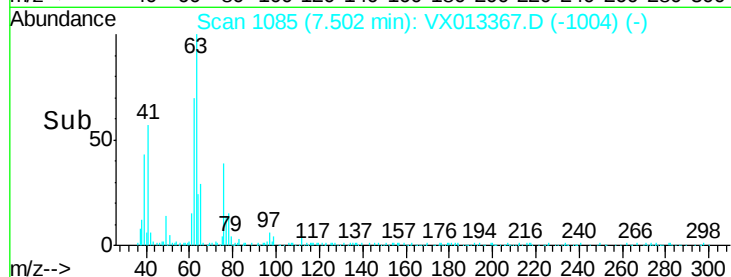
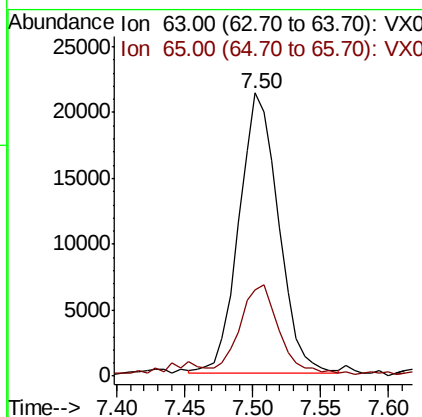
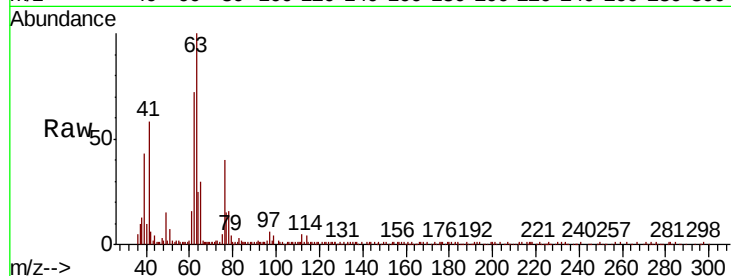
#39
 1,2-Dichloropropane
 Concen: 5.527 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.8	35.8

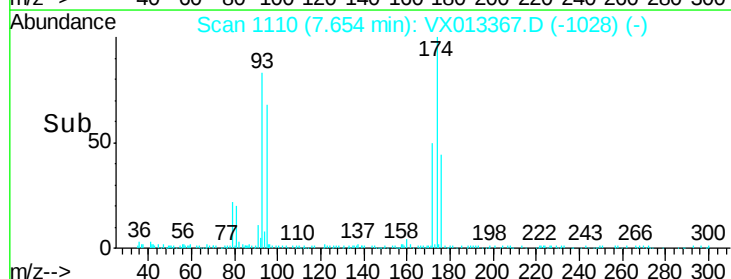
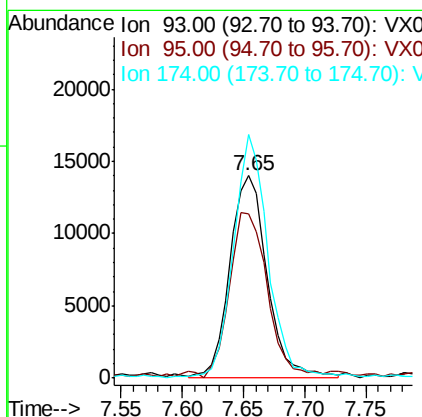
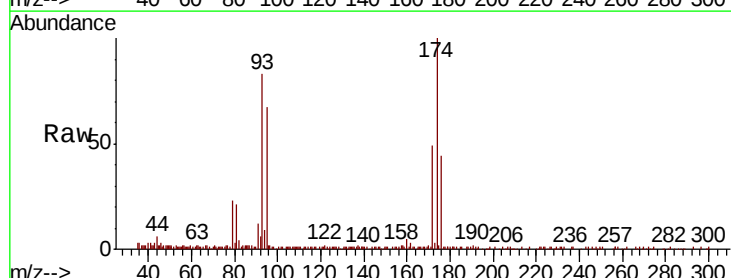
Manual Integrations
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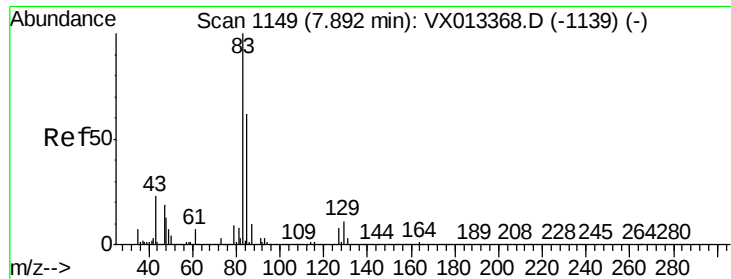
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 11/12/2019 11:49:34 AM



#40
 Dibromomethane
 Concen: 5.357 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	0.0	160.8
174	110.1	0.0	228.8





#41

Bromodichloromethane

Concen: 4.771 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

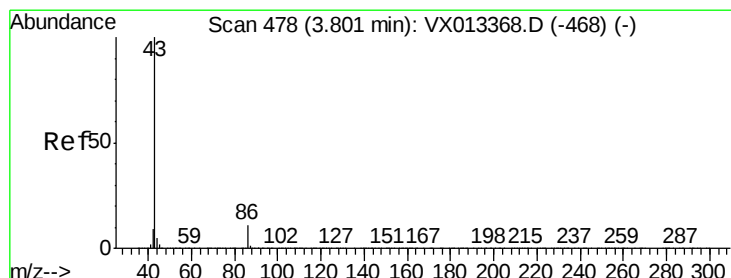
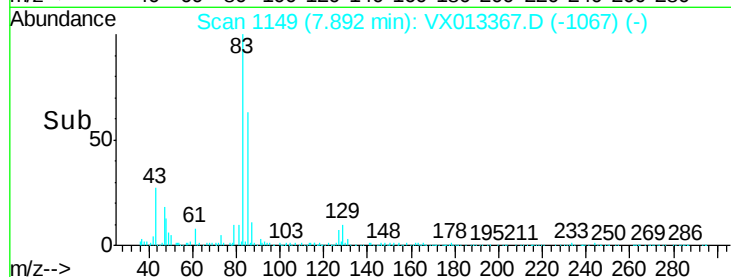
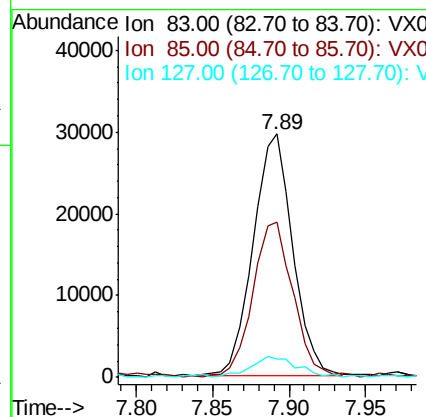
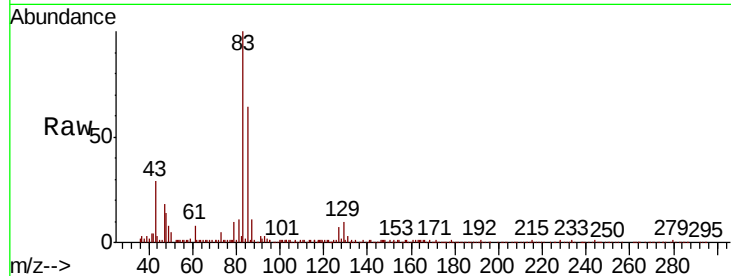
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	53336
Ion Ratio	Lower	Upper	
83	100		
85	63.0	49.3	73.9
127	7.1	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 28.461 ug/l

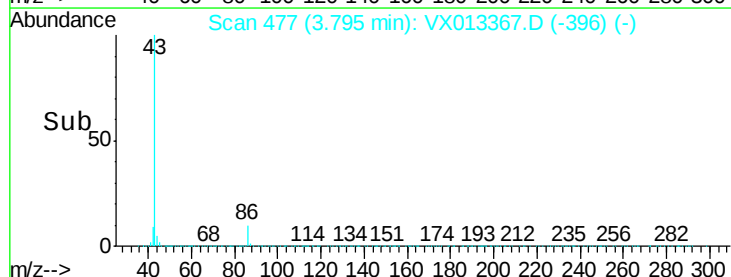
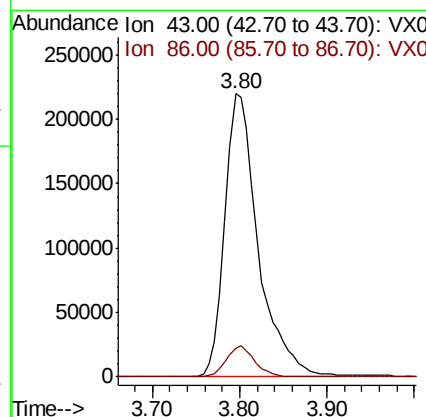
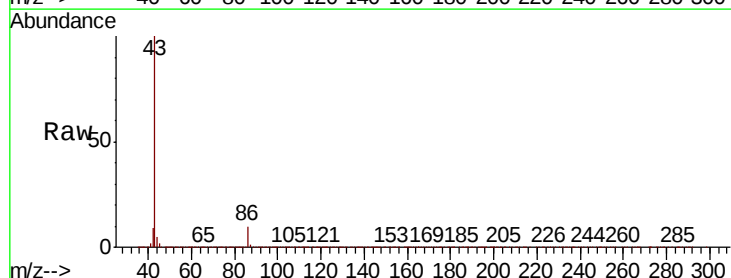
RT: 3.80 min Scan# 477

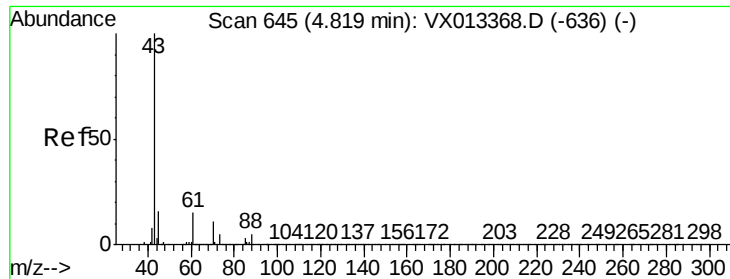
Delta R.T. -0.01 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion:	43	Resp:	581751
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.6	11.4





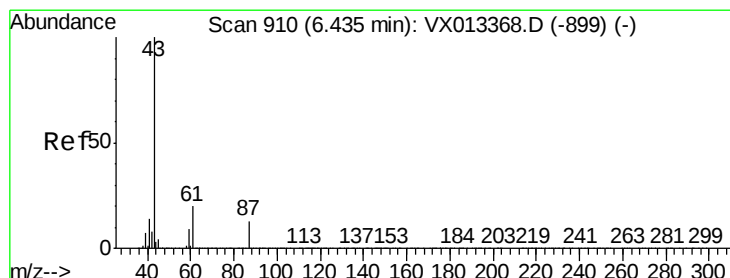
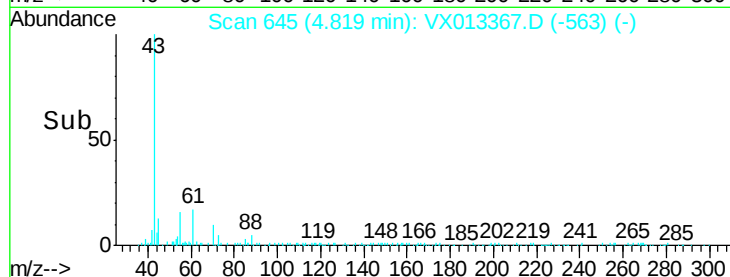
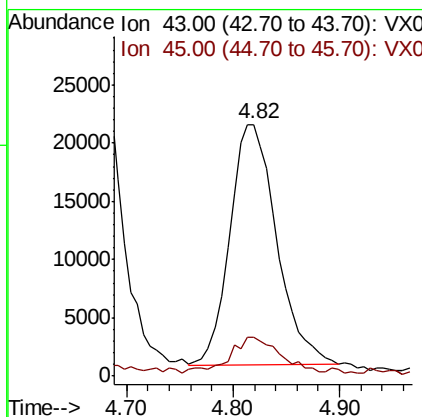
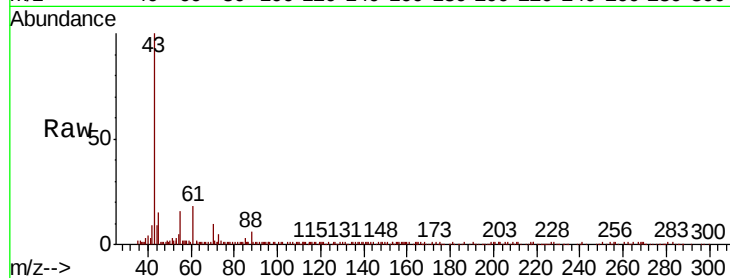
#43
Ethyl Acetate
Concen: 5.738 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.4	10.9	16.3

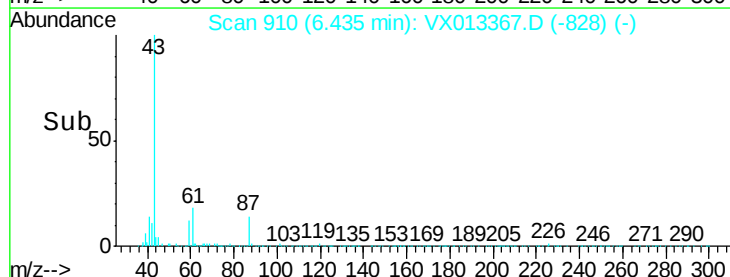
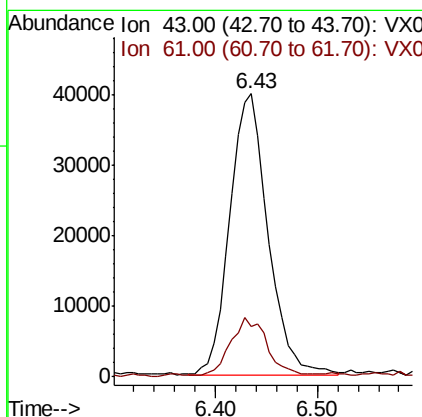
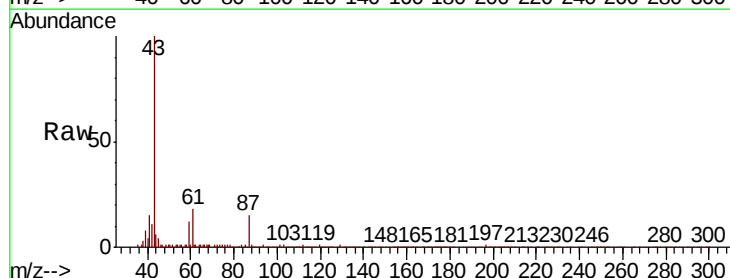
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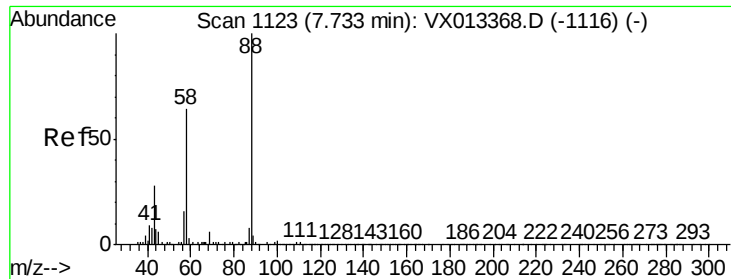
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#44
Isopropyl Acetate
Concen: 5.663 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.8	23.8





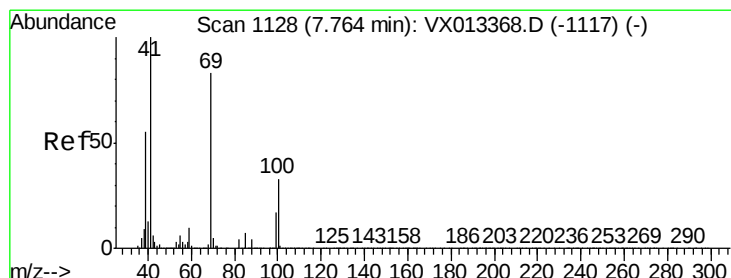
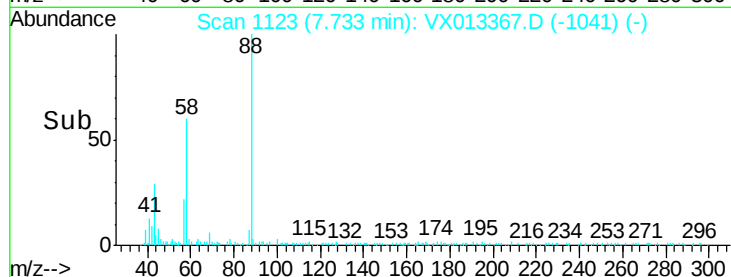
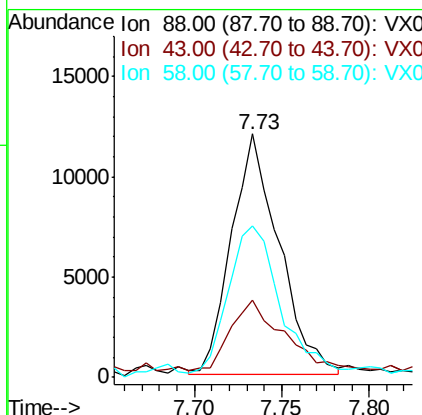
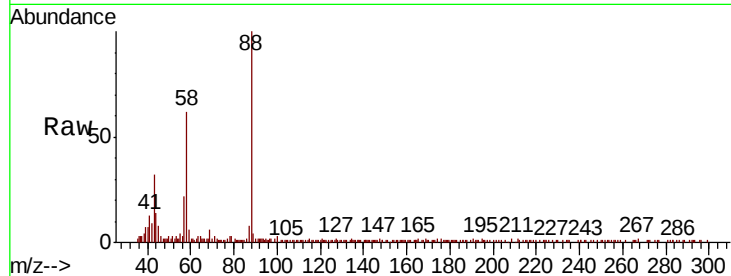
#45
1,4-Dioxane
Concen: 101.858 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	88	Resp:	22683
Ion	Ratio	Lower	Upper
88	100		
43	30.7	26.1	39.1
58	68.2	55.8	83.8

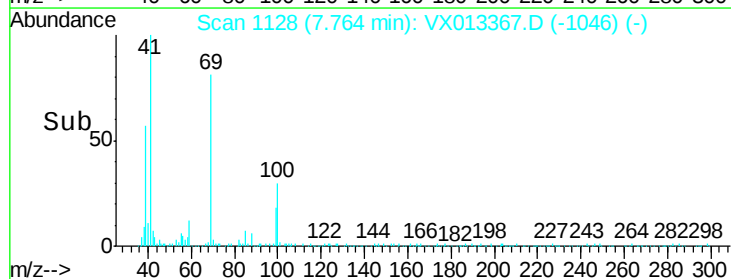
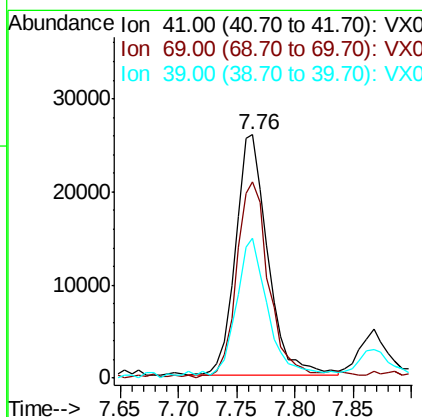
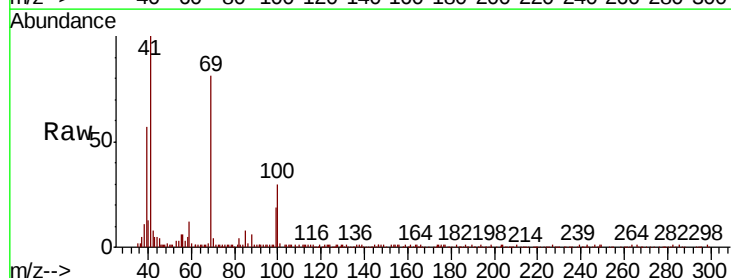
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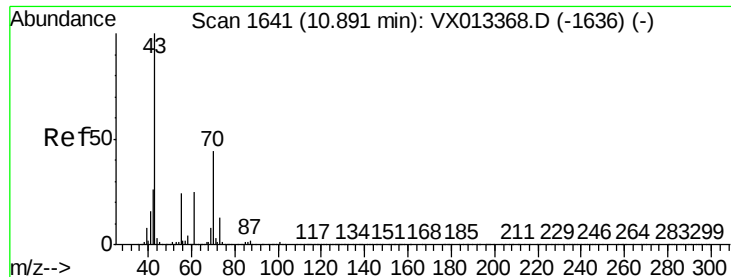
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#46
Methyl methacrylate
Concen: 5.597 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:	41	Resp:	50178
Ion	Ratio	Lower	Upper
41	100		
69	80.5	41.4	124.4
39	55.7	27.9	83.6





#47

n-amvl Acetate

Concen: 5.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 83196

Ion Ratio Lower Upper

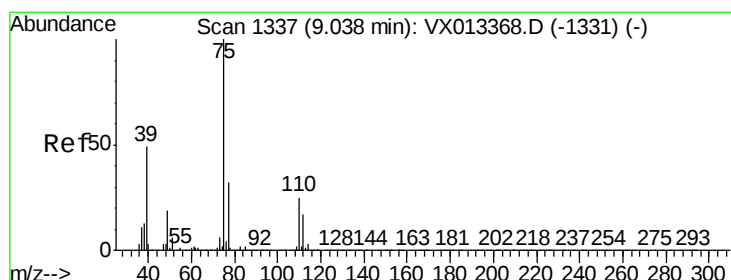
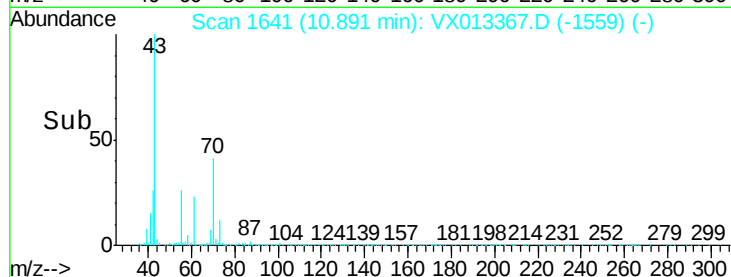
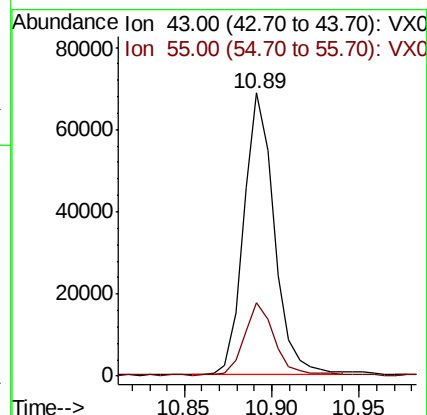
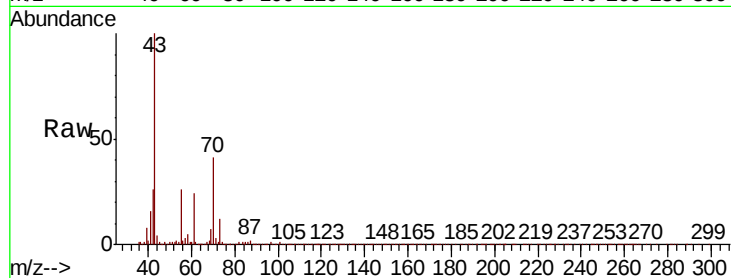
43 100

55 24.8 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 4.684 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013367.D

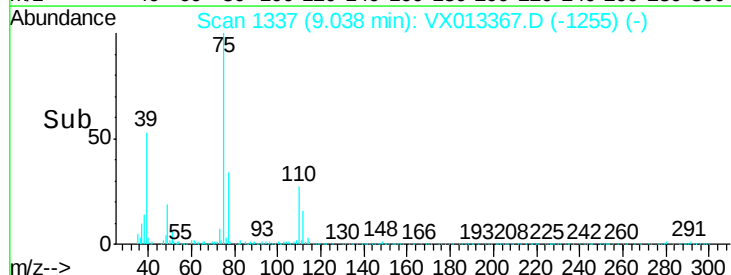
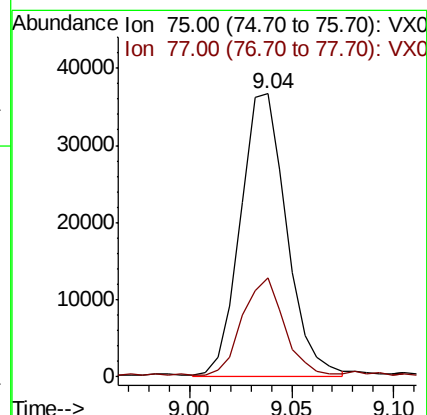
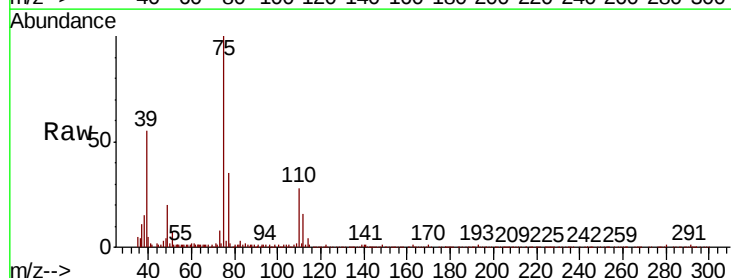
Acq: 11 Nov 2019 16:29

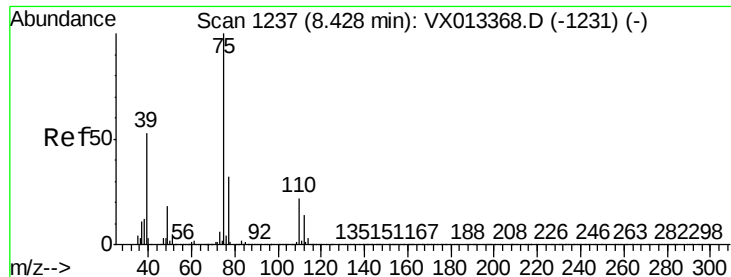
Tgt Ion: 75 Resp: 57523

Ion Ratio Lower Upper

75 100

77 34.6 25.3 37.9





#49

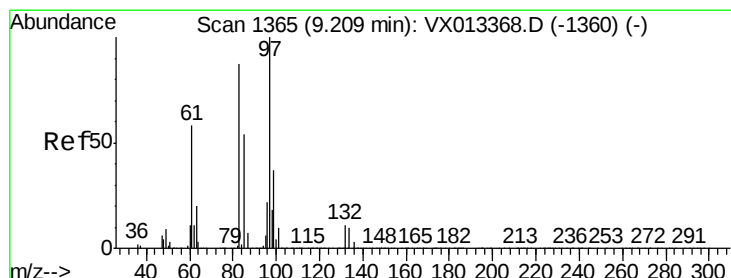
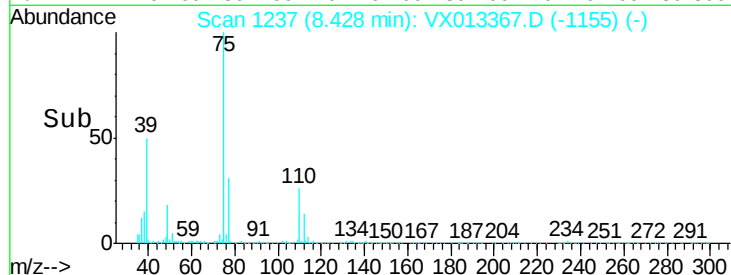
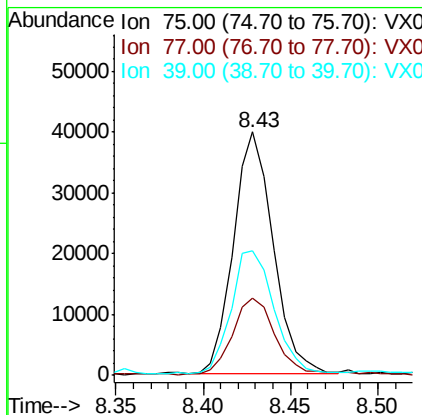
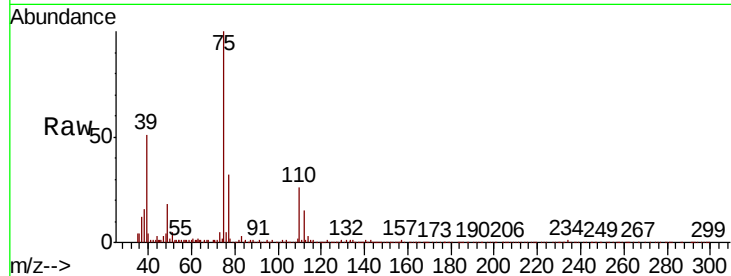
cis-1,3-Dichloropropene
Concen: 4.713 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	75	Resp:	63110
Ion Ratio	Lower	Upper	
75	100		
77	31.4	25.8	38.8
39	50.5	42.2	63.4

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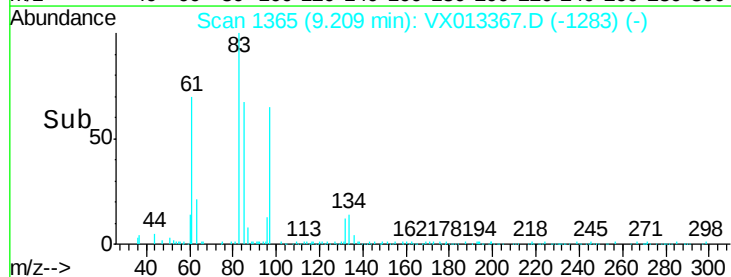
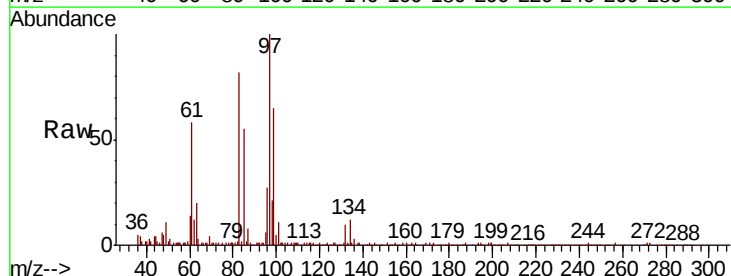
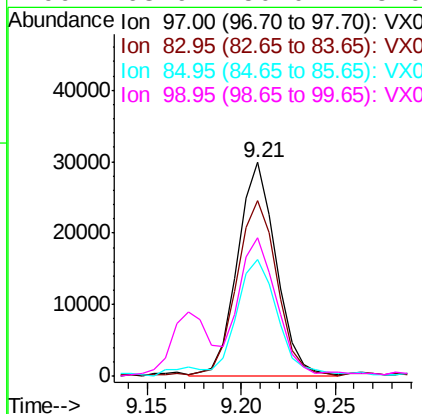
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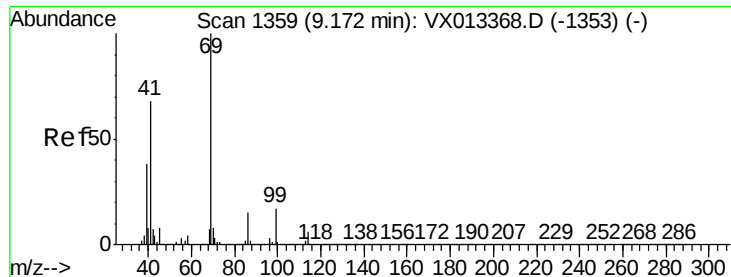


#50

1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:	97	Resp:	42428
Ion Ratio	Lower	Upper	
97	100		
83	82.8	69.6	104.4
85	54.2	45.5	68.3
99	63.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 5.054 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

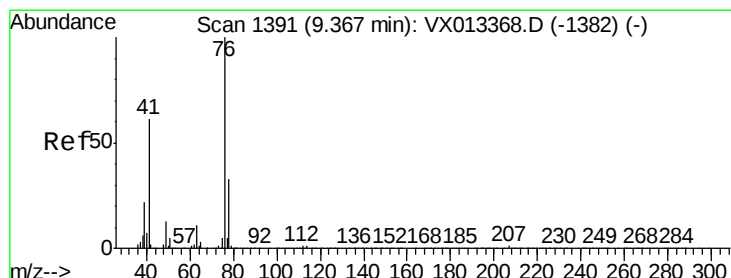
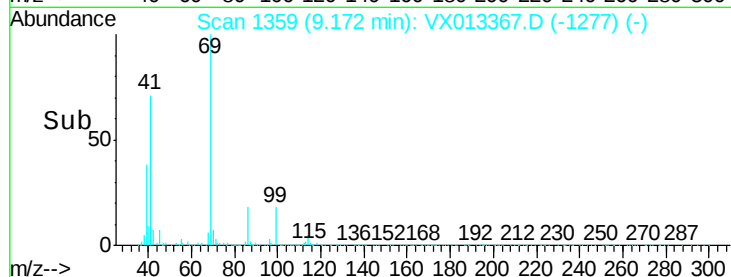
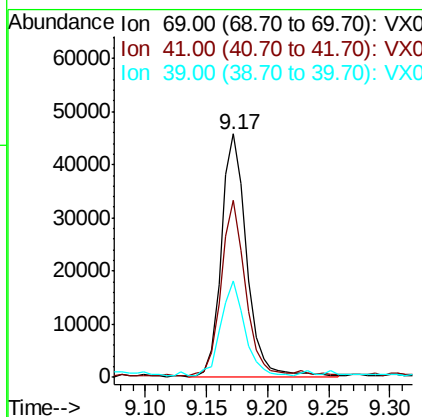
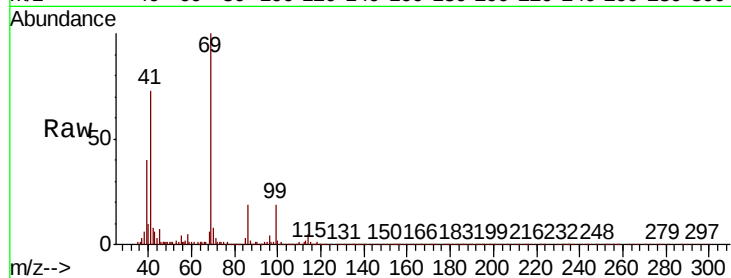
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	65595
Ion	Ratio	Lower	Upper
69	100		
41	71.9	33.9	101.6
39	38.8	18.8	56.4

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#52

1,3-Dichloropropane

Concen: 5.285 ug/l

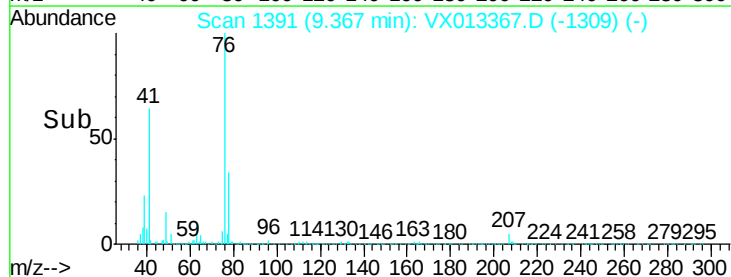
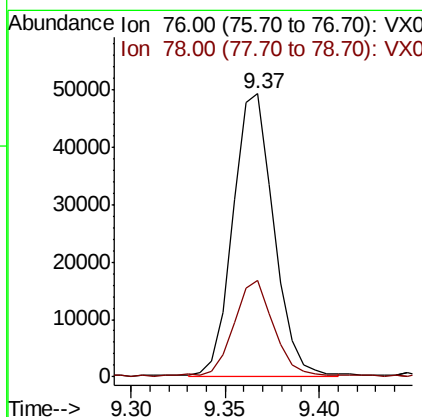
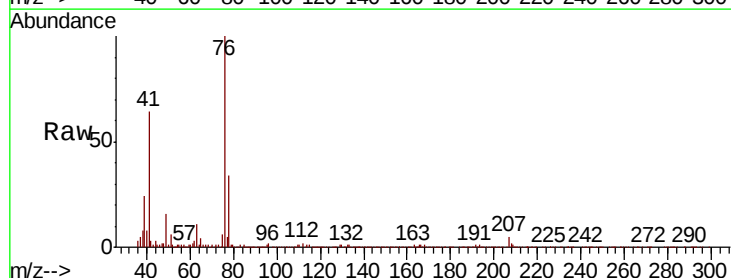
RT: 9.37 min Scan# 1391

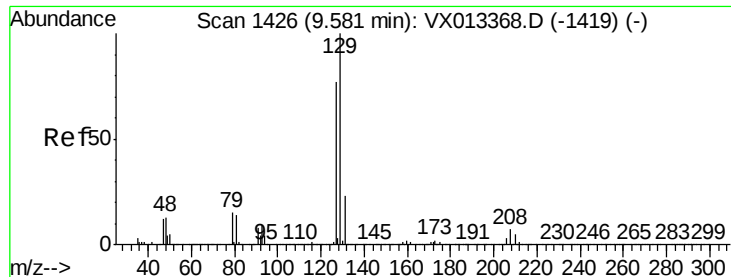
Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion:	76	Resp:	73413
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





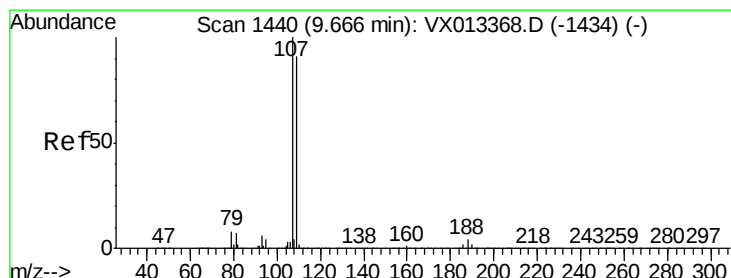
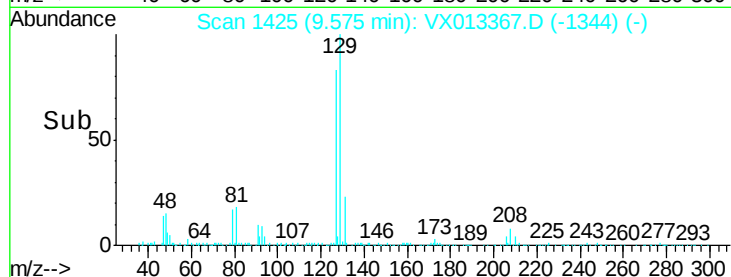
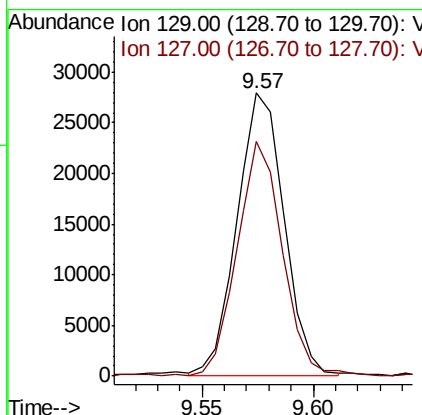
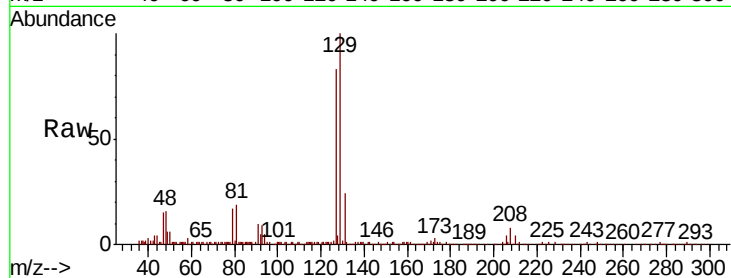
#53
Dibromochloromethane
Concen: 4.649 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		41125		
127	80.0	39.6	119.0		

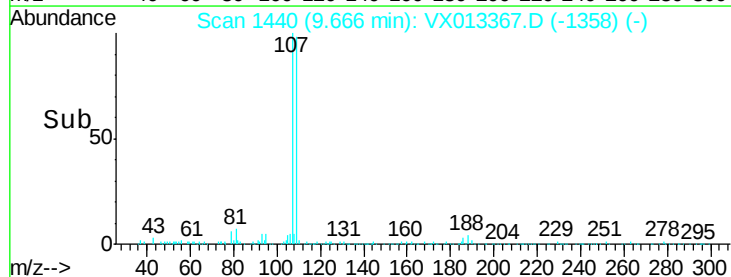
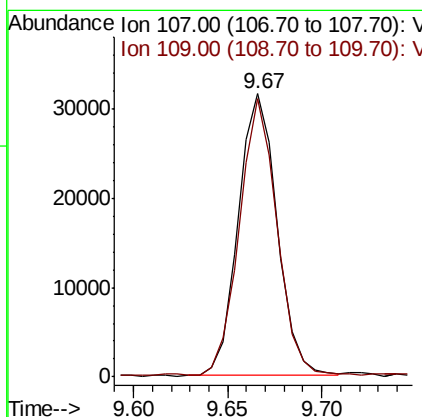
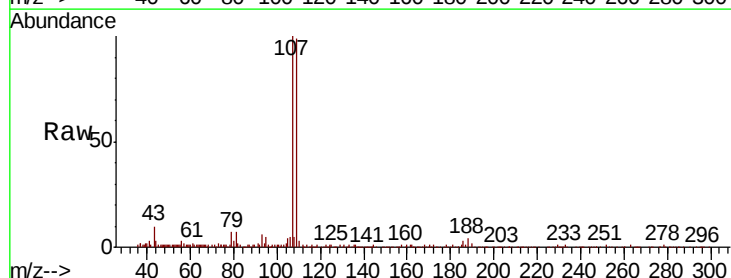
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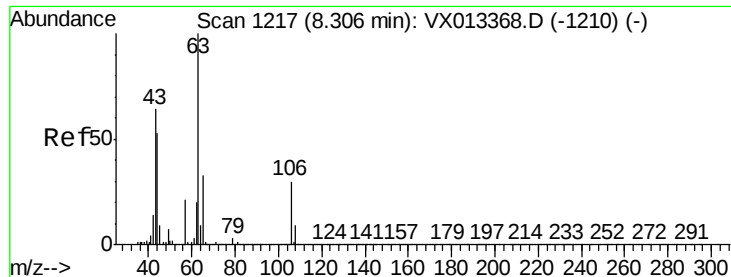
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#54
1,2-Dibromoethane
Concen: 5.123 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		45027		
109	96.9	73.9	110.9		





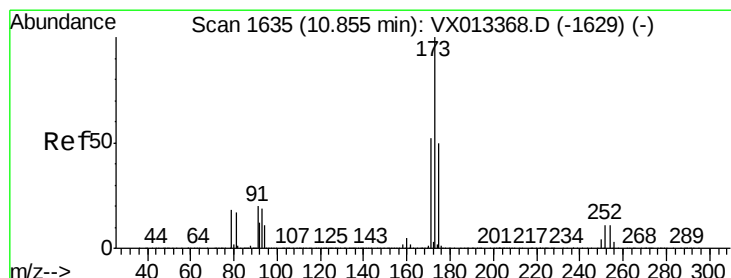
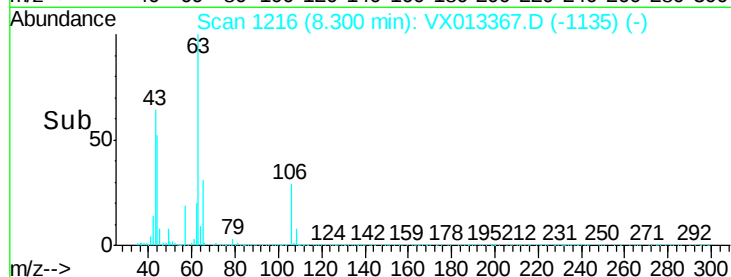
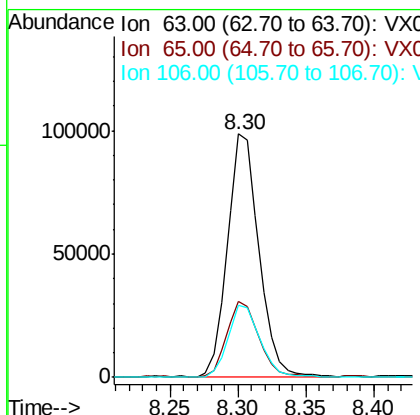
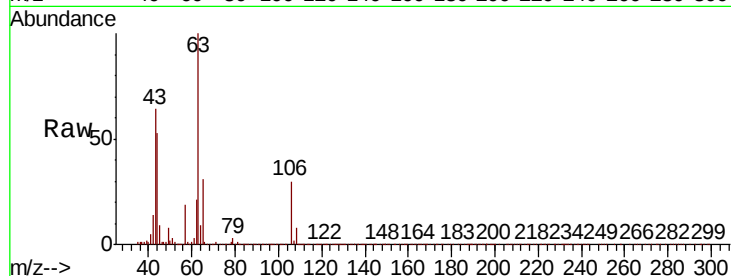
#55
2-Chloroethyl vinyl ether
Concen: 29.315 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.0	39.0
106	29.4	23.5	35.3

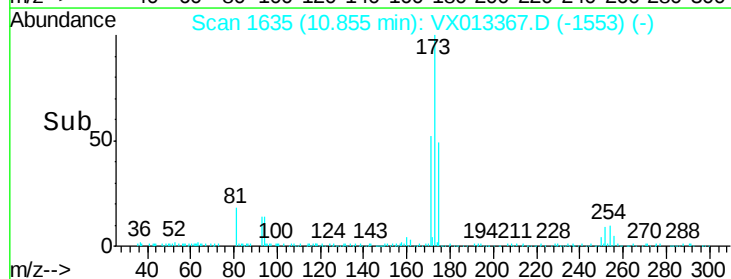
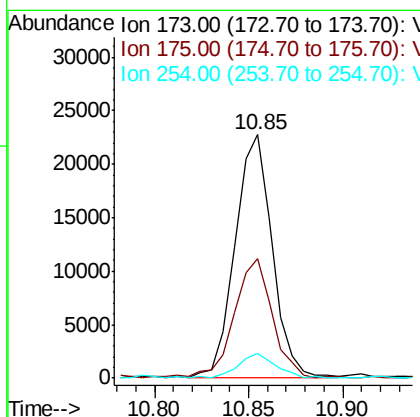
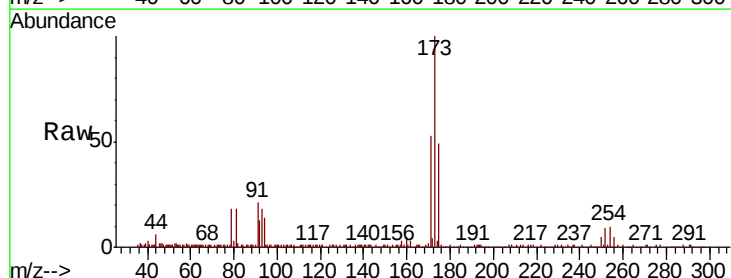
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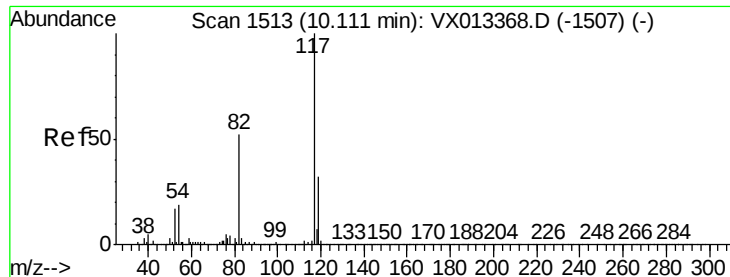
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#56
Bromoform
Concen: 4.829 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.4	59.0
254	10.2	8.6	12.8





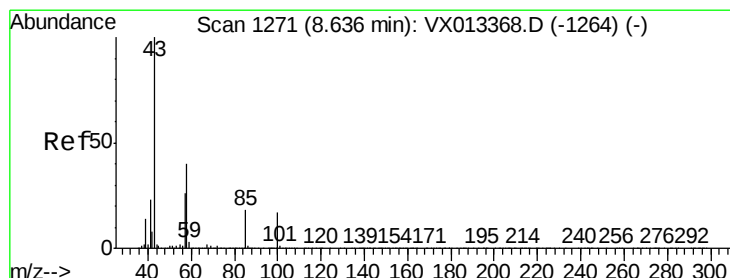
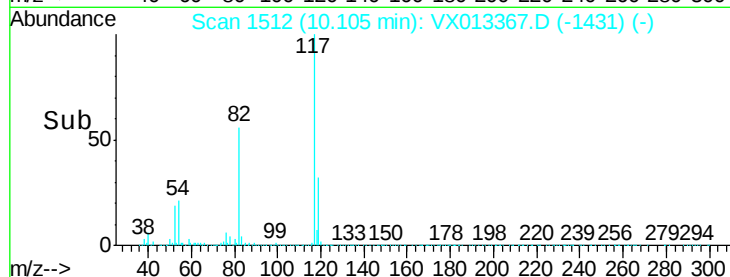
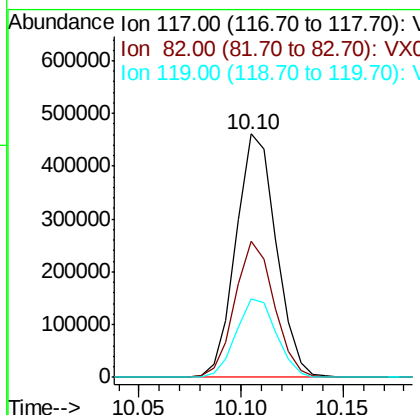
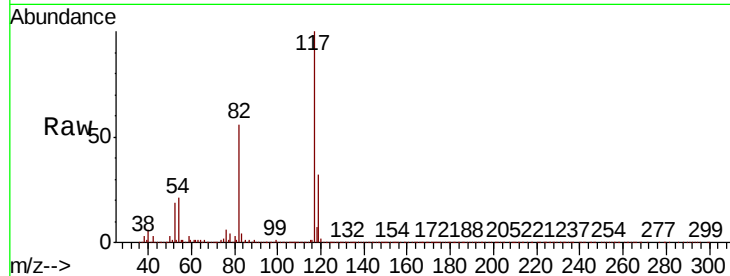
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.2	25.5	38.3

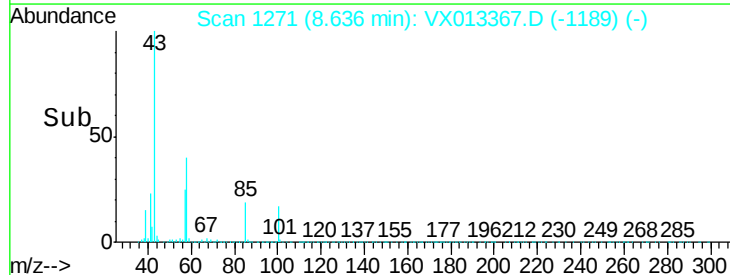
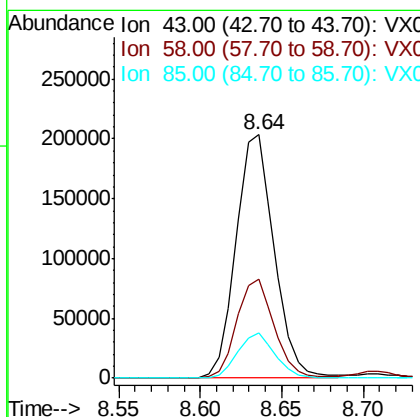
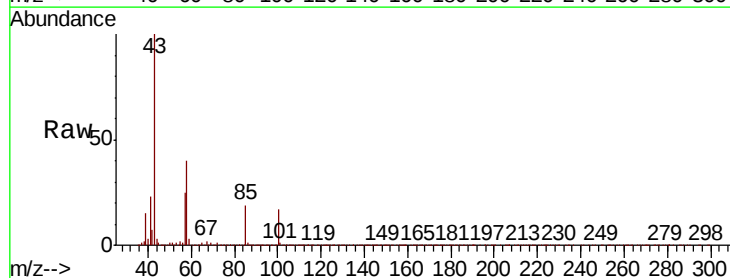
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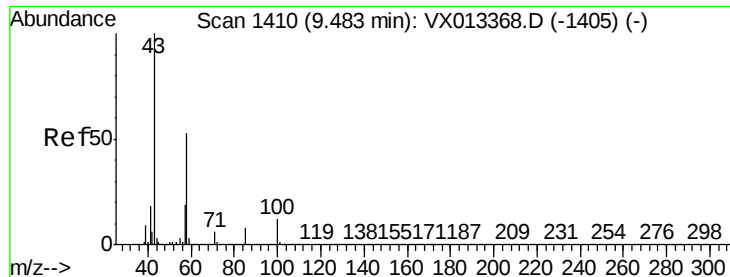
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#58
4-Methyl-2-Pentanone
Concen: 29.921 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.7	14.2	21.2





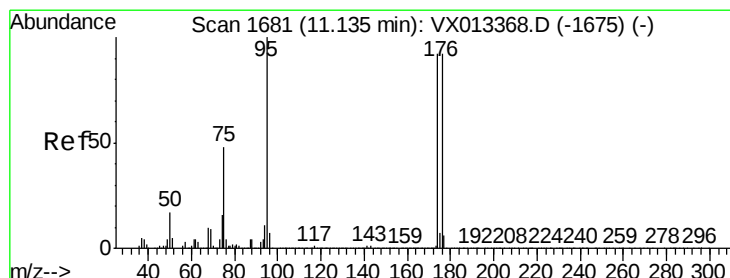
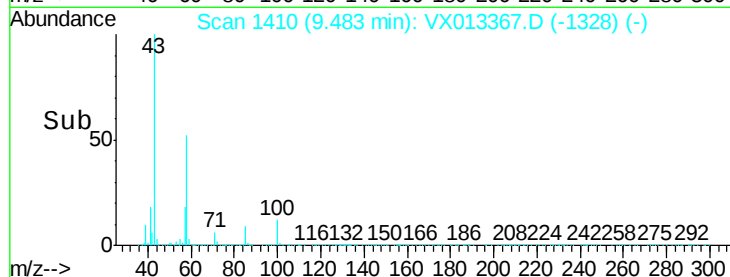
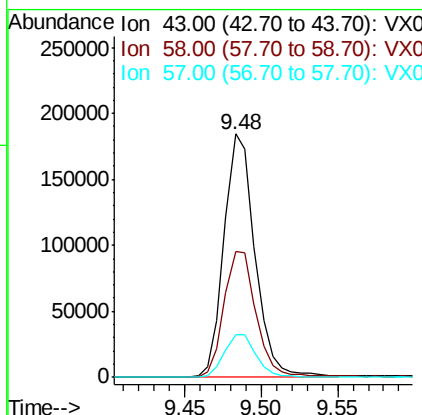
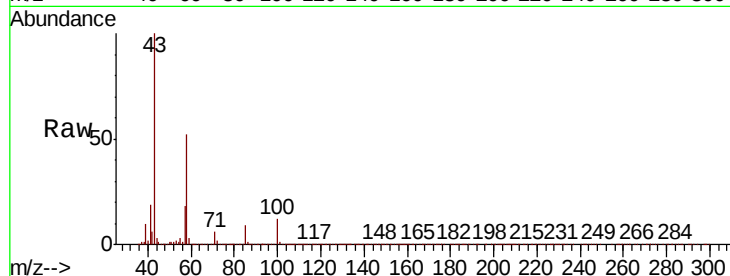
#59
2-Hexanone
Concen: 29.628 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.8	65.6
57	18.6	15.1	22.7

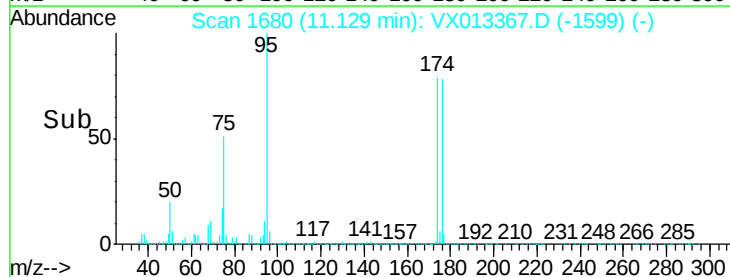
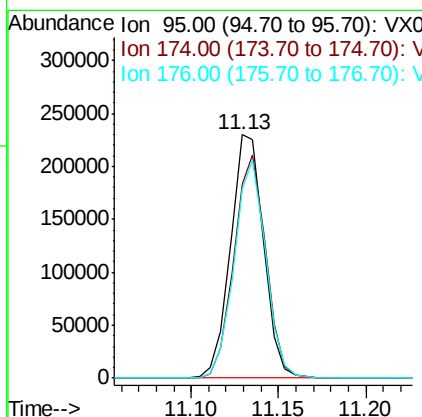
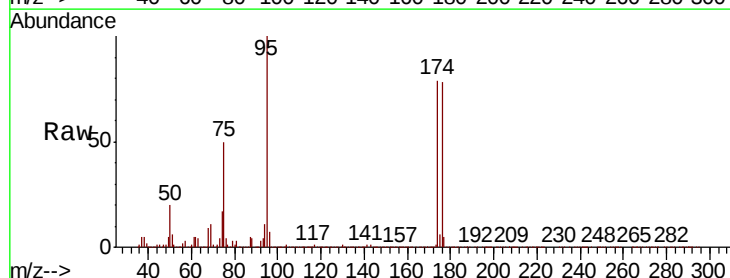
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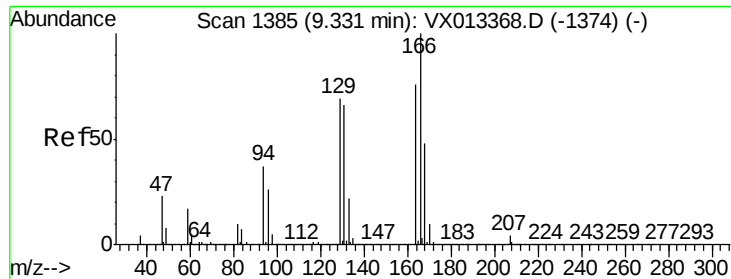
MMDadoda
11/12/2019 11:49:34 AM



#60
4-Bromofluorobenzene
Concen: 27.863 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.2
176	86.1	68.3	102.5





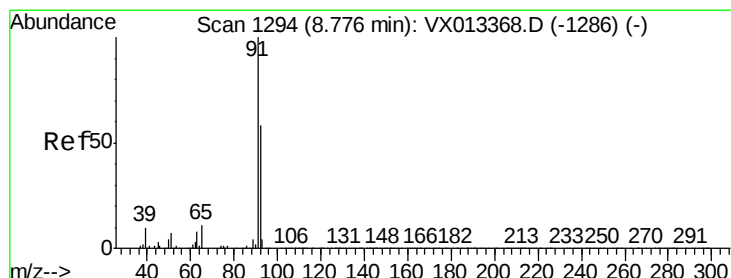
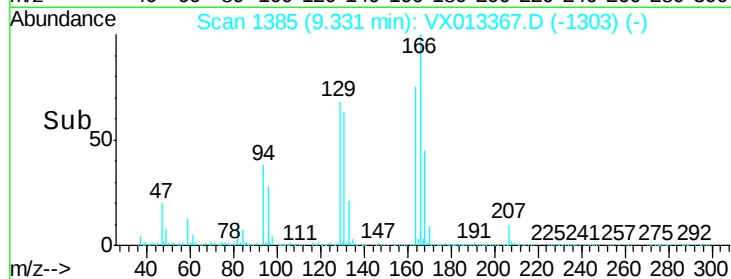
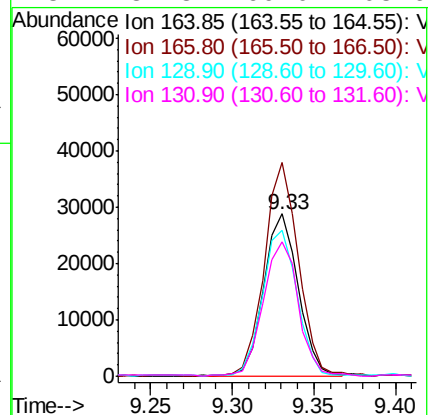
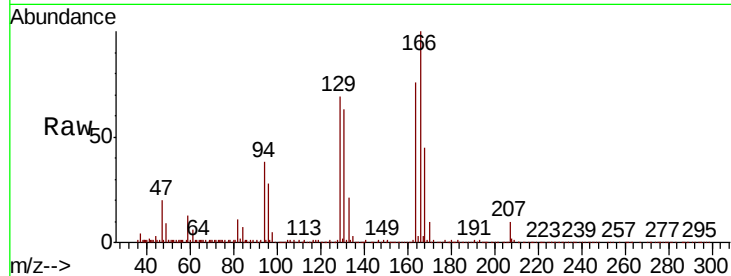
#61
Tetrachloroethene
Concen: 5.258 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.4	104.9	157.3
129	89.7	72.3	108.5
131	82.8	69.0	103.6

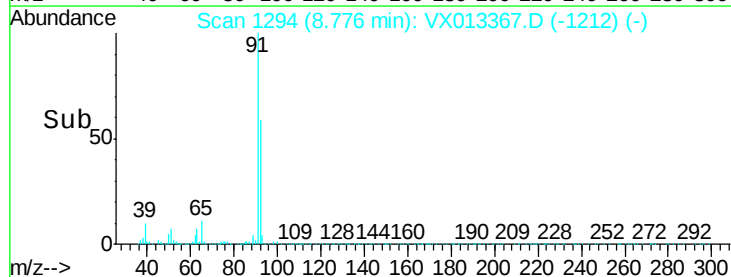
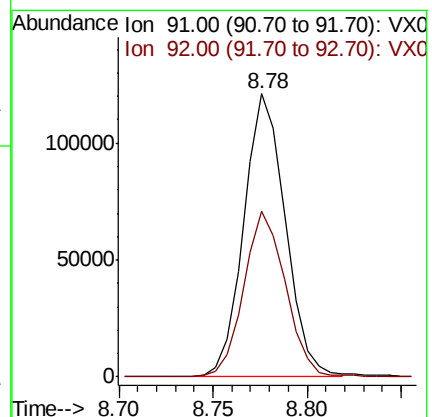
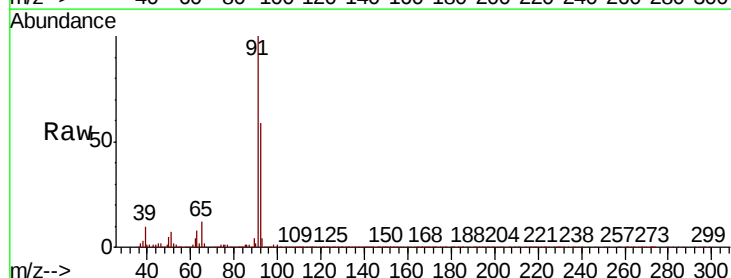
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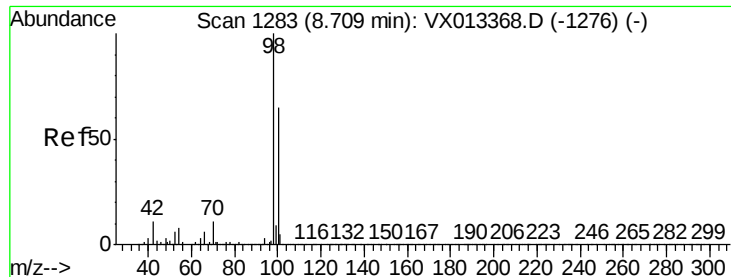
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11/12/2019 11:49:34 AM



#62
Toluene
Concen: 5.406 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.6	69.8





#63

Toluene-d8

Concen: 31.292 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 879564

Ion Ratio Lower Upper

98 100

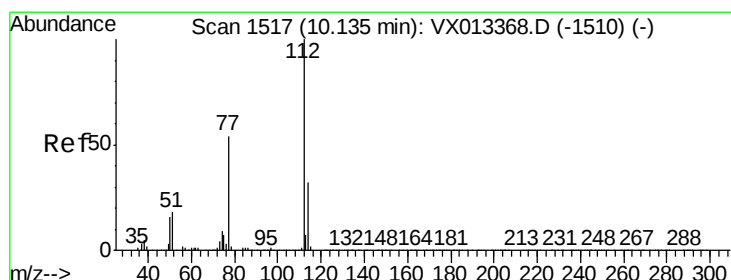
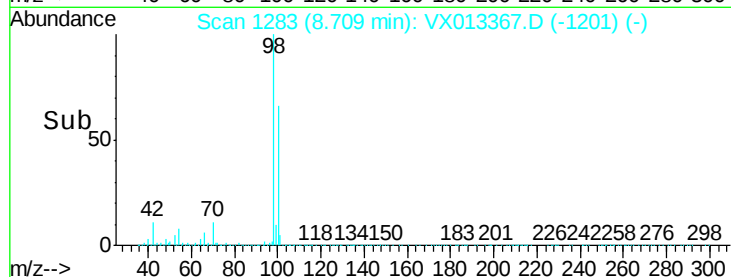
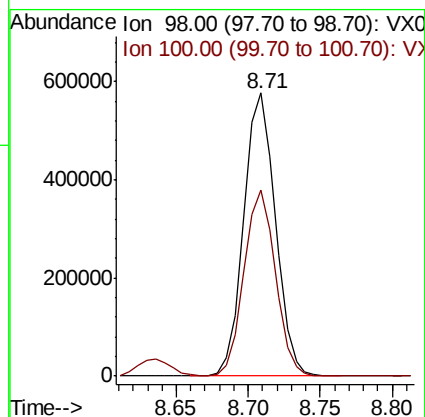
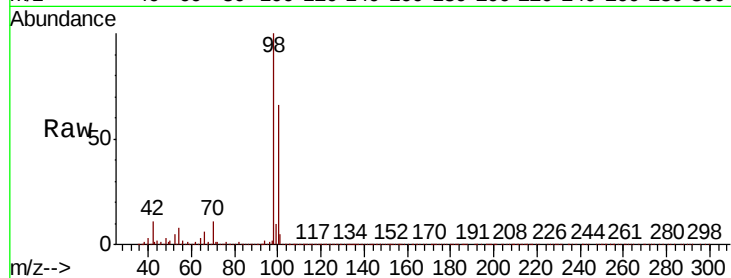
100 65.1 52.5 78.7

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#64

Chlorobenzene

Concen: 5.181 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013367.D

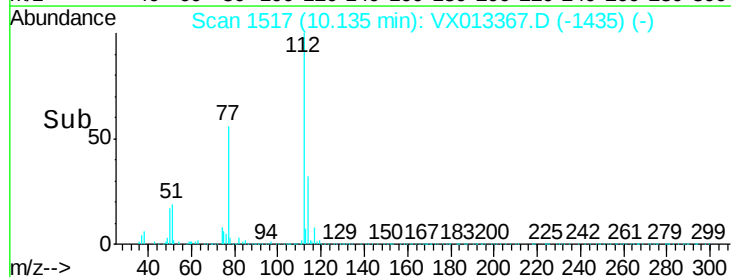
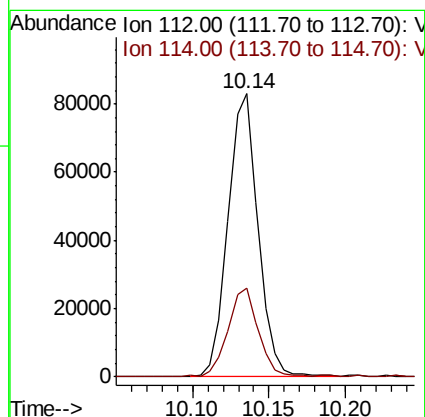
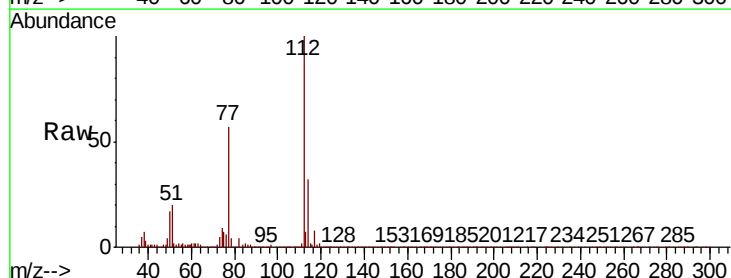
Acq: 11 Nov 2019 16:29

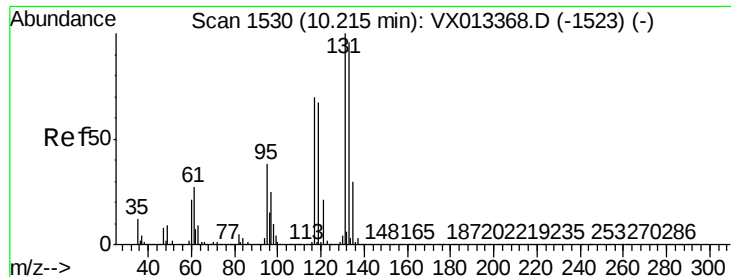
Tgt Ion: 112 Resp: 112390

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 5.068 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

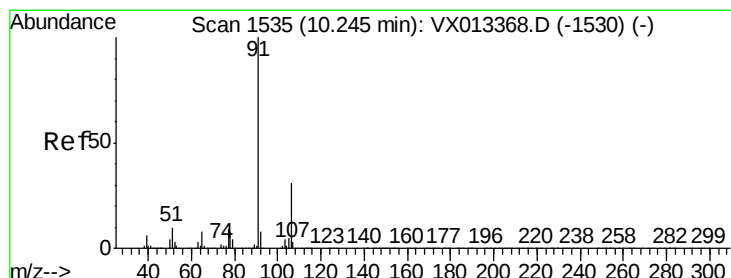
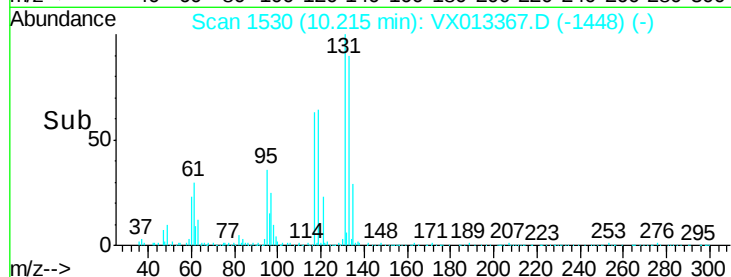
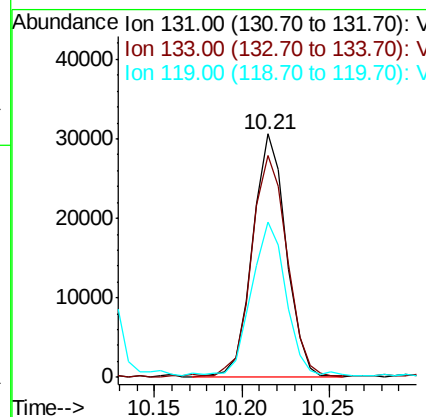
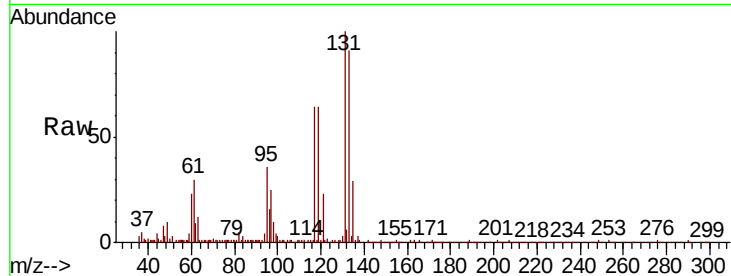
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	0.0	192.2
119	64.0	0.0	134.4

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#66

Ethyl Benzene

Concen: 5.056 ug/l

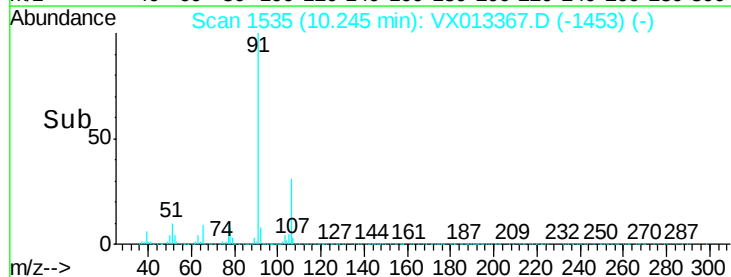
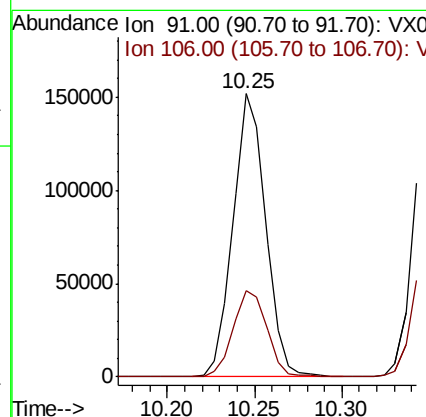
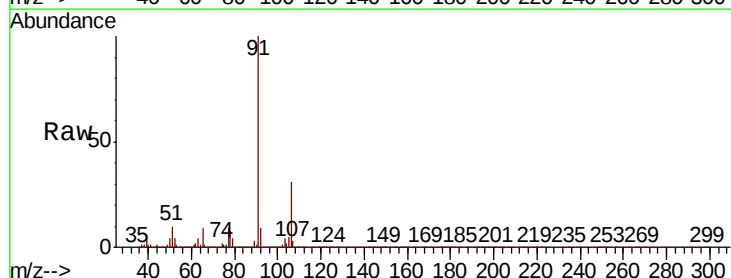
RT: 10.25 min Scan# 1535

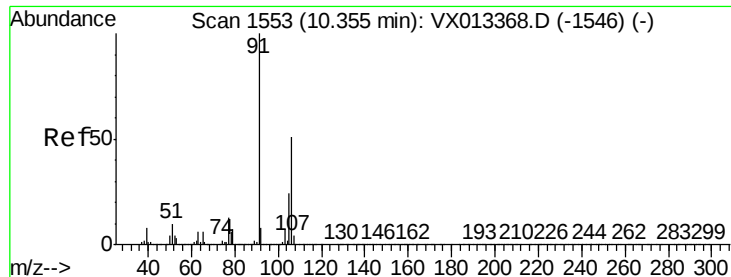
Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.0	37.4





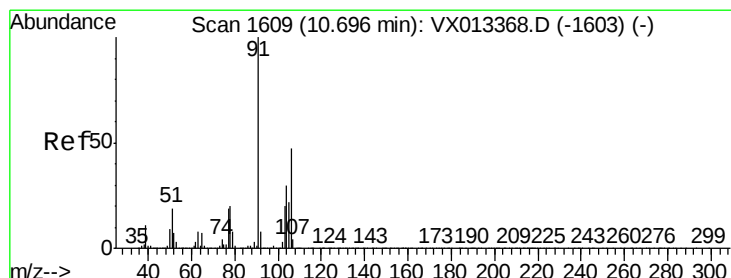
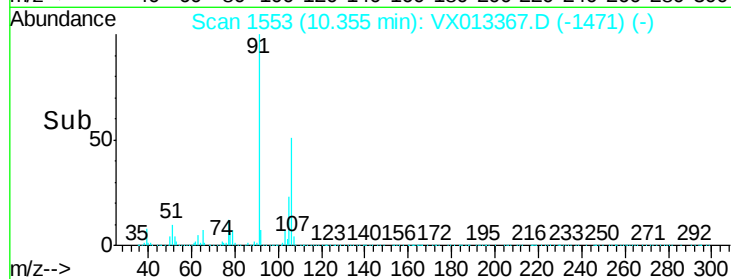
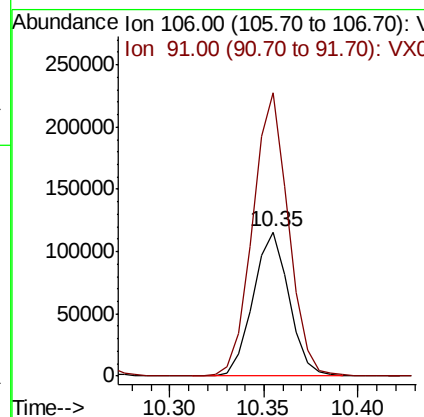
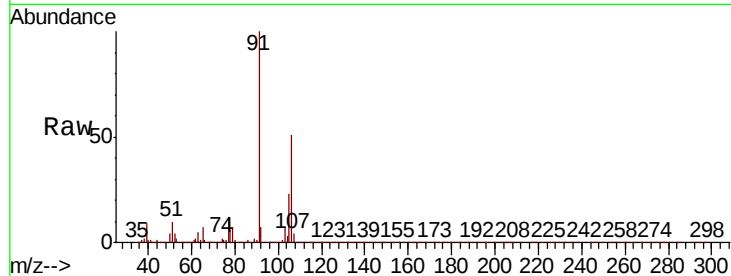
#67
m/p-Xvlenes
Concen: 10.328 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 152449
Ion Ratio Lower Upper
106 100
91 195.3 158.4 237.6

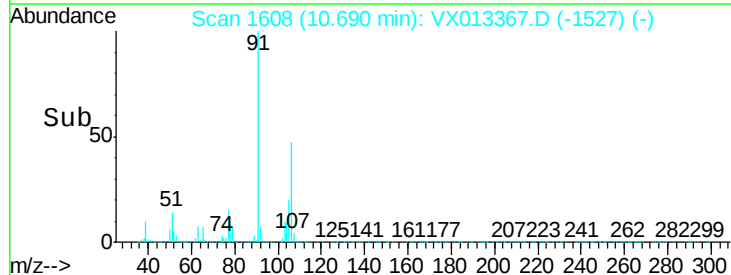
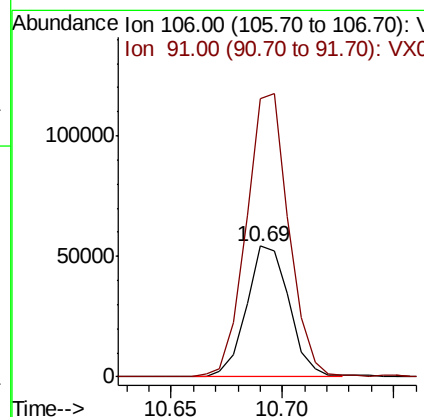
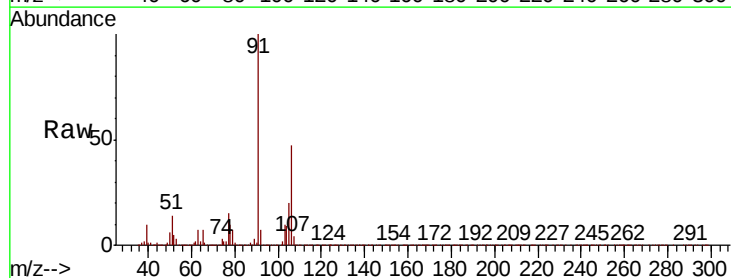
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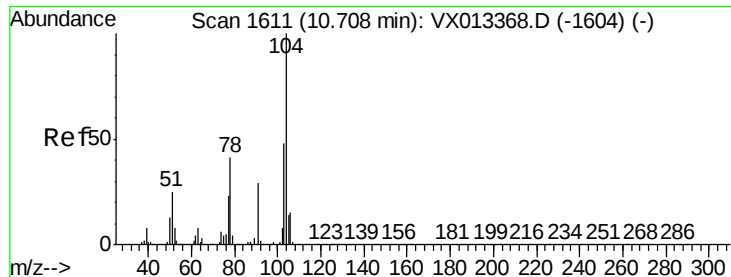
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#68
o-Xylene
Concen: 5.061 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion:106 Resp: 71834
Ion Ratio Lower Upper
106 100
91 216.4 106.4 319.2





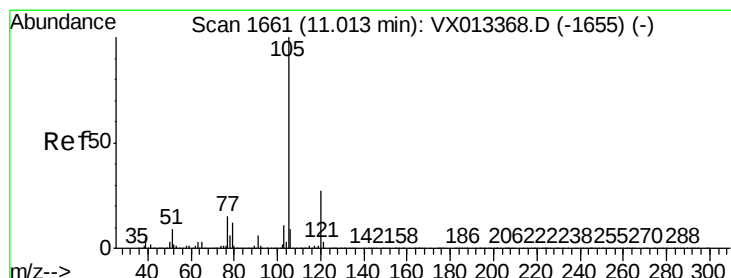
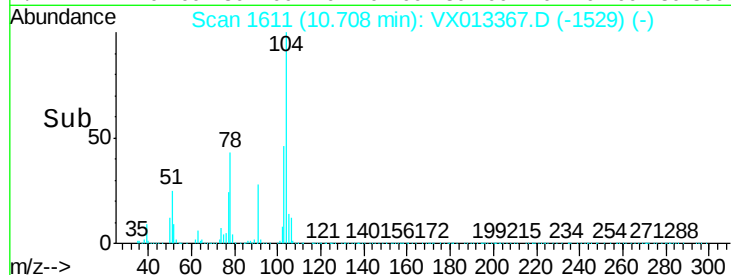
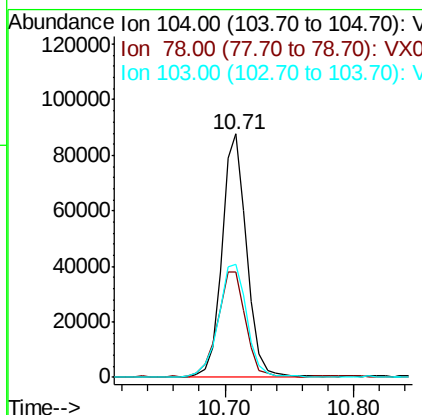
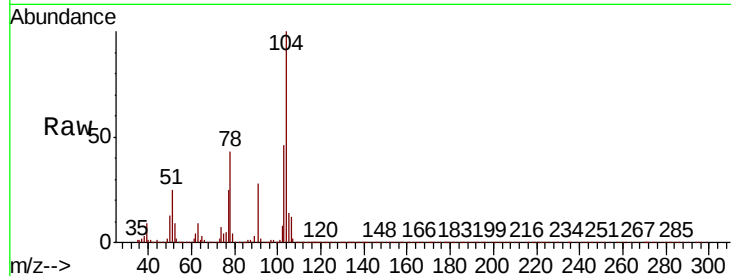
#69
Stvrene
Concen: 4.840 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
104	100	117557		
78	49.1	38.2	57.4	
103	53.1	43.2	64.8	

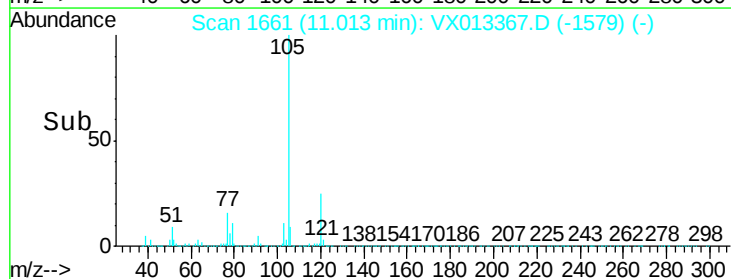
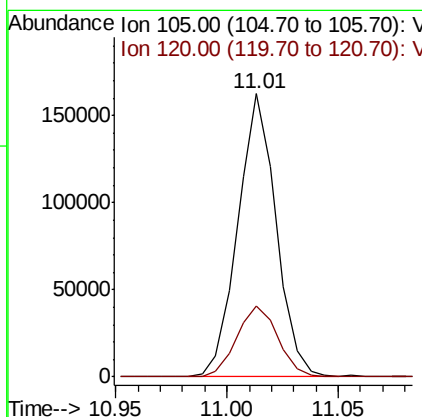
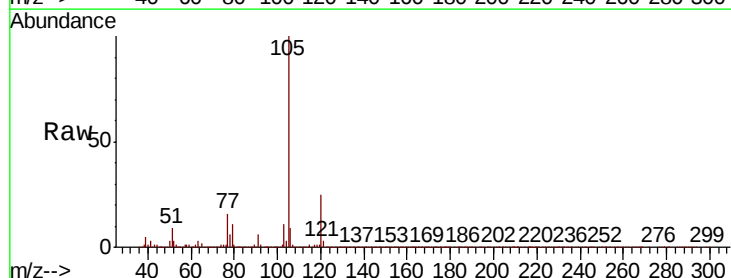
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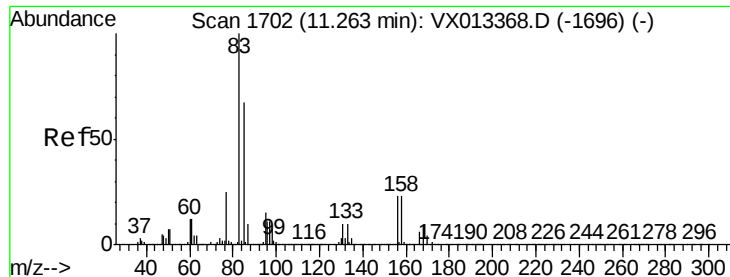
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#70
Isopropylbenzene
Concen: 5.042 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194420		
120	26.8	18.8	34.8	





#71

1,1,2,2-Tetrachloroethane

Concen: 5.482 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 67058
Ion Ratio Lower Upper

83 100

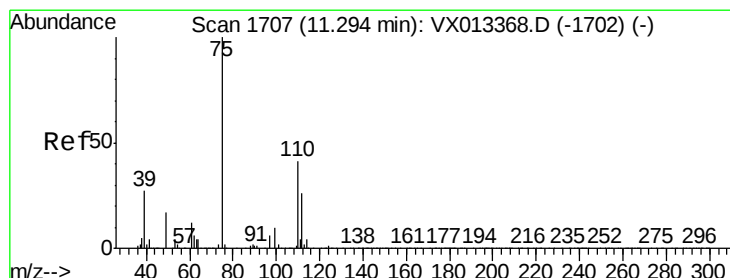
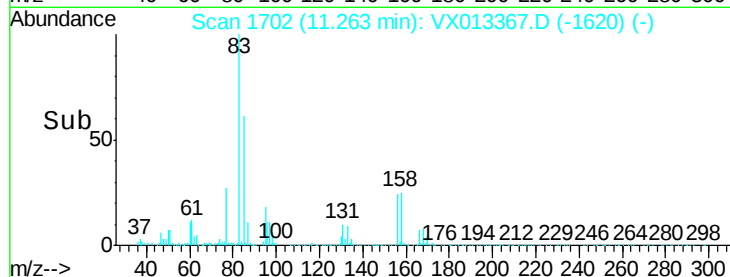
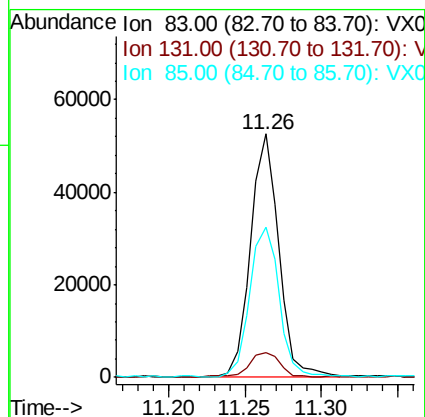
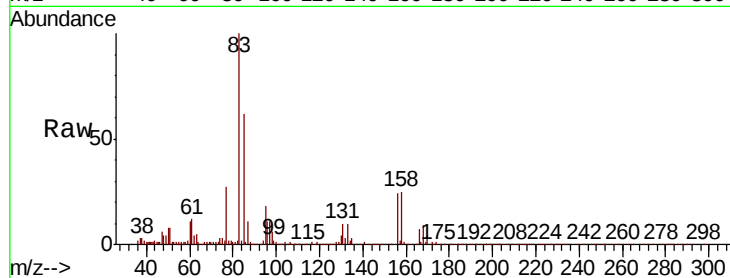
131 11.1 4.7 14.1

85 65.2 32.6 97.7

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#72

1,2,3-Trichloropropane

Concen: 5.409 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

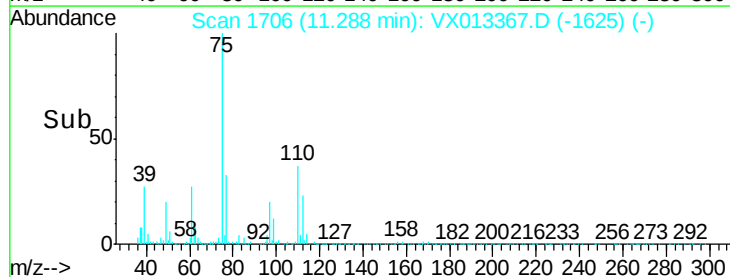
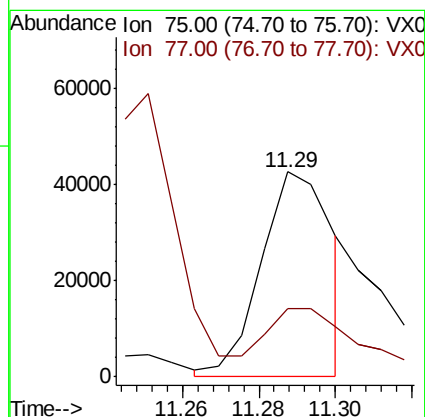
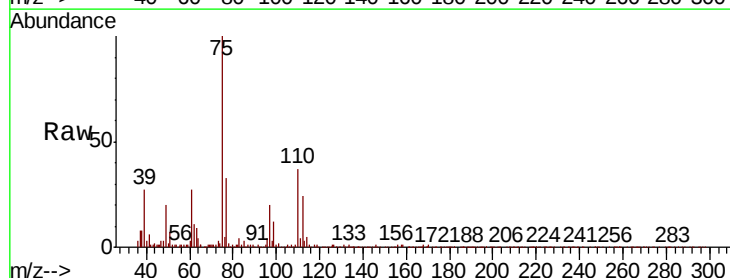
Lab File: VX013367.D

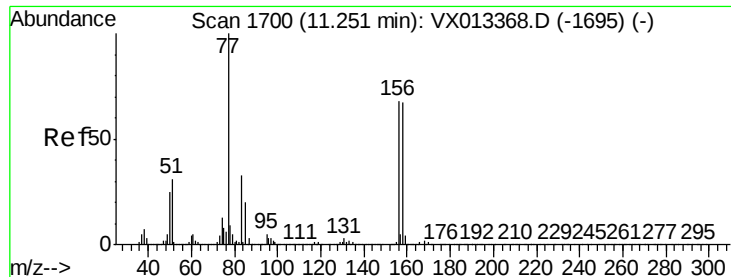
Acq: 11 Nov 2019 16:29

Tgt Ion: 75 Resp: 54854
Ion Ratio Lower Upper

75 100

77 42.6 0.0 86.2





#73

Bromobenzene

Concen: 5.370 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

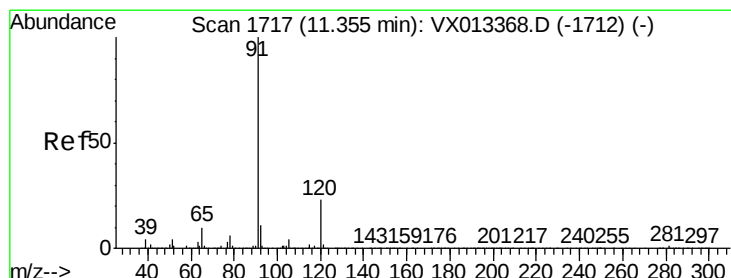
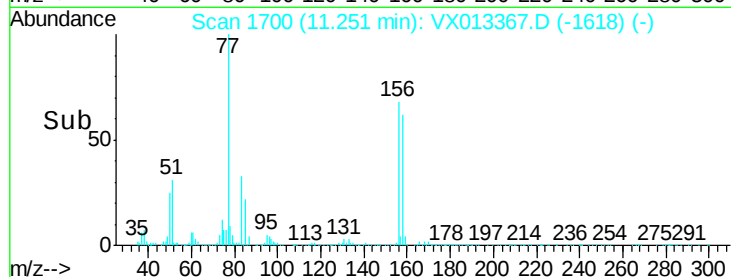
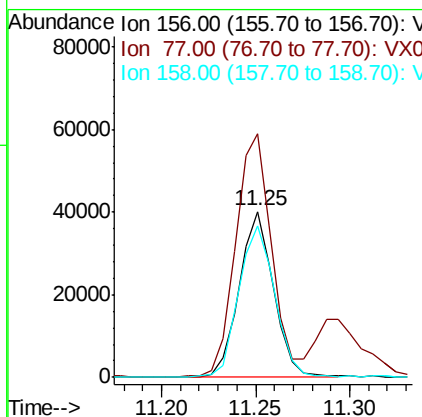
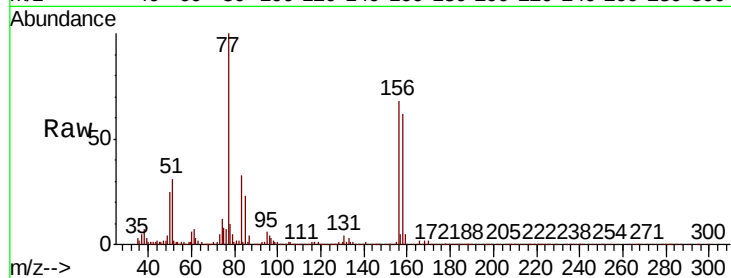
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	50732
Ion Ratio	Lower	Upper	
156	100		
77	154.1	0.0	308.8
158	96.7	0.0	197.0

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#74

n-propylbenzene

Concen: 5.060 ug/l

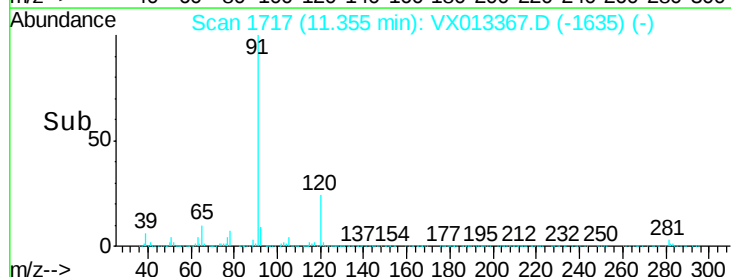
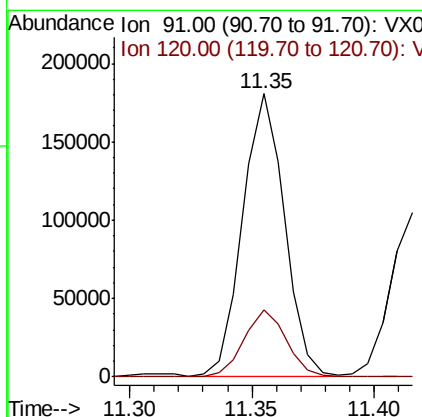
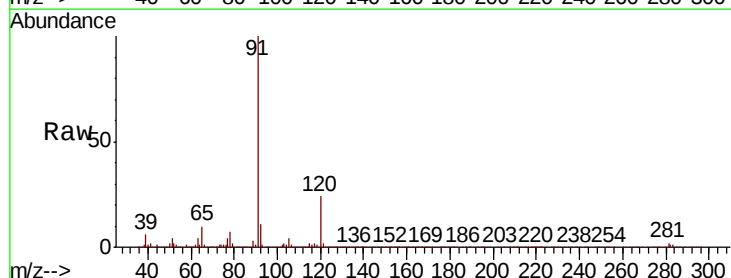
RT: 11.35 min Scan# 1717

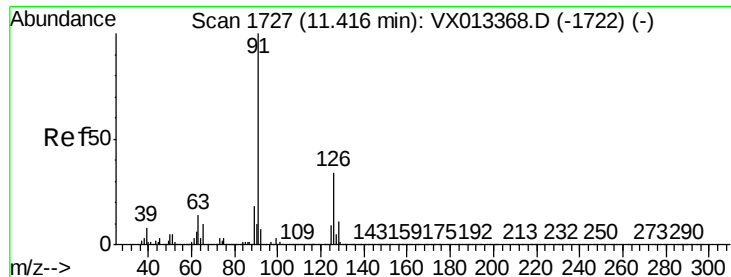
Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Tgt Ion:	91	Resp:	215614
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	46.2





#75

2-Chlorotoluene

Concen: 5.011 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 132168

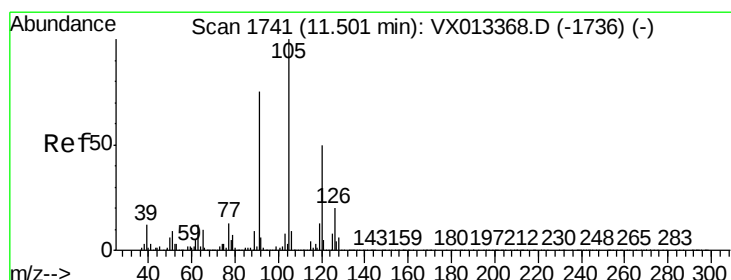
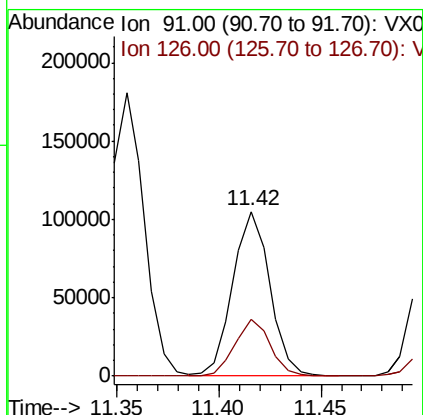
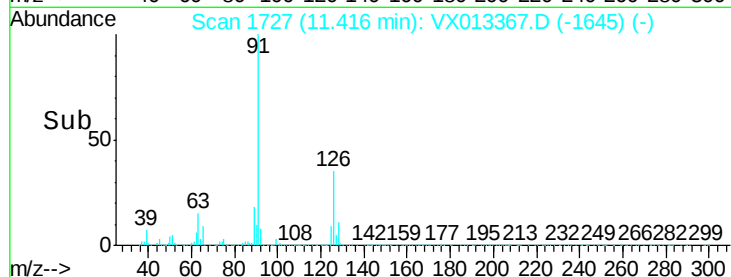
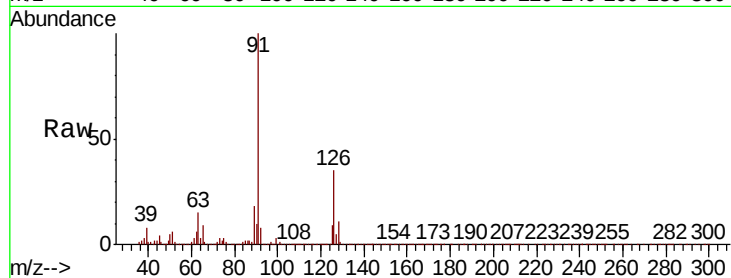
Ion Ratio Lower Upper

91 100

126 33.2 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 4.893 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013367.D

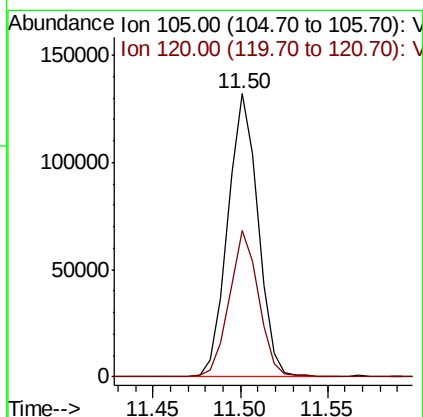
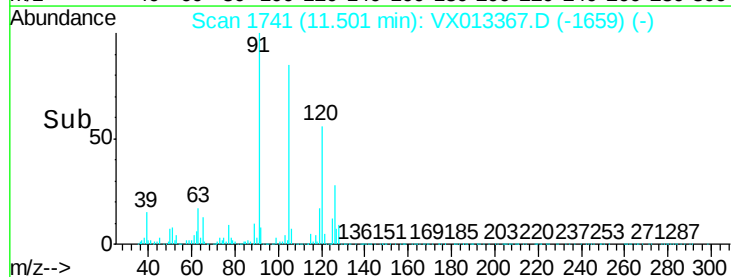
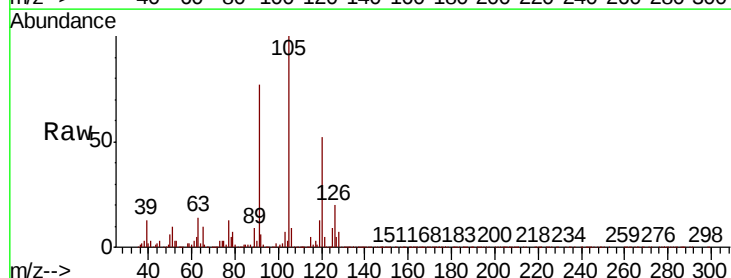
Acq: 11 Nov 2019 16:29

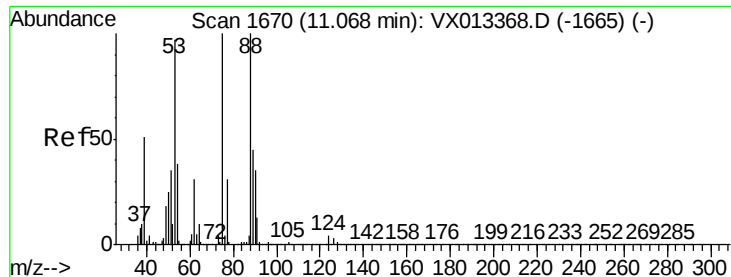
Tgt Ion: 105 Resp: 159034

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.0





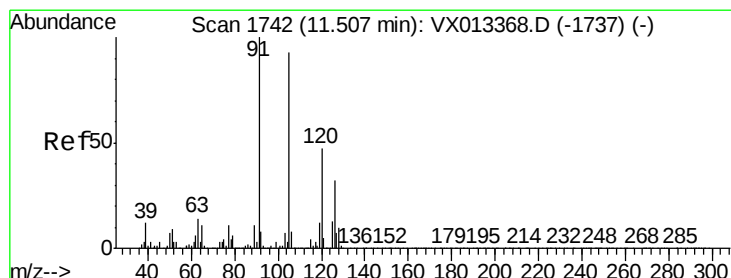
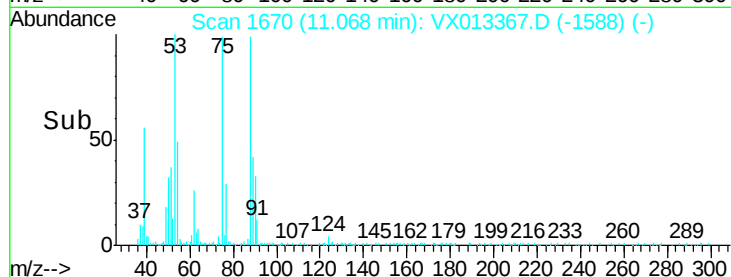
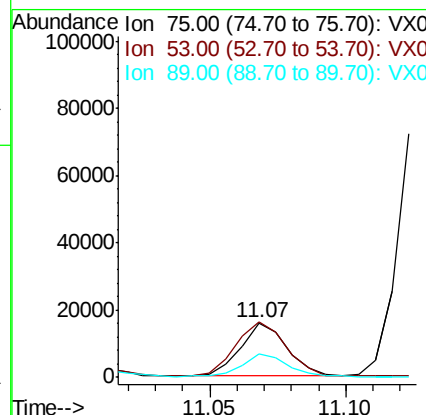
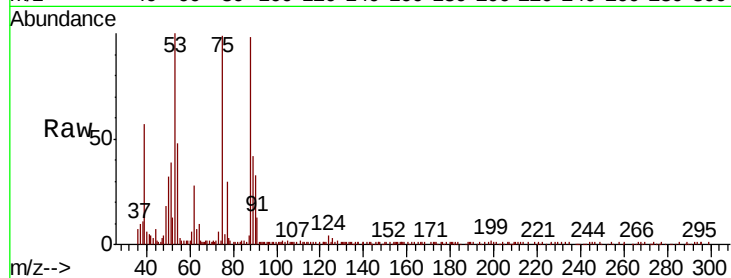
#77
t-1,4-Dichloro-2-butene
Concen: 4.530 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	48.8	146.3
89	41.8	22.3	66.8

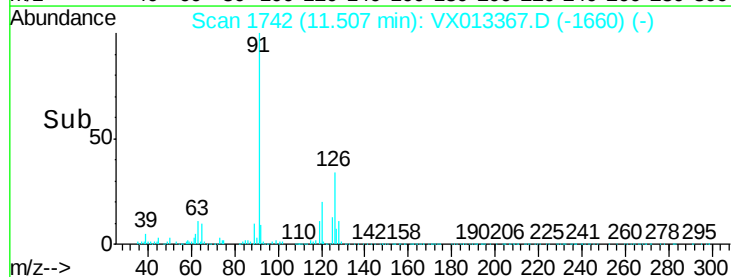
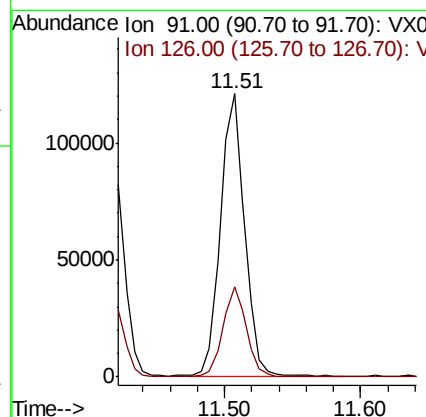
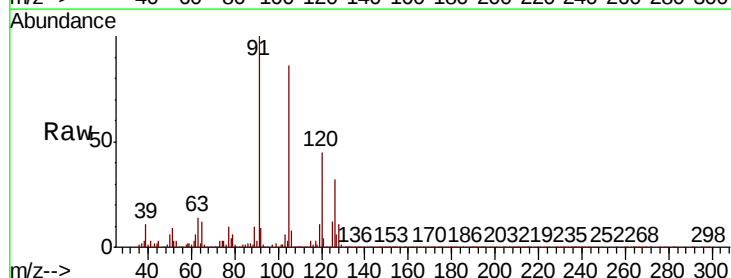
Manual Integrations
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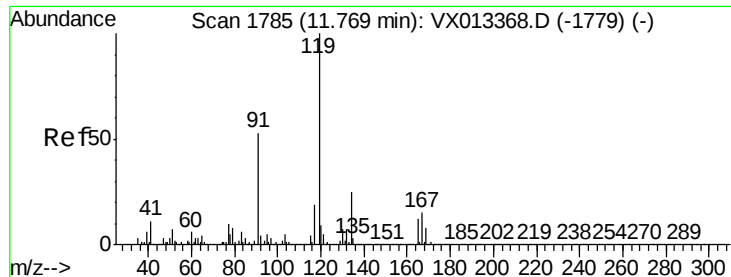
MMDadoda
11/12/2019 11:49:34 AM



#78
4-Chlorotoluene
Concen: 4.897 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	61.0





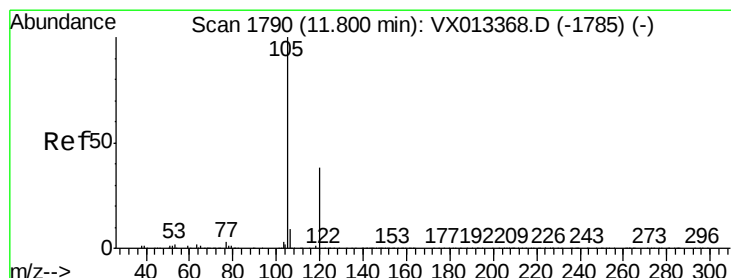
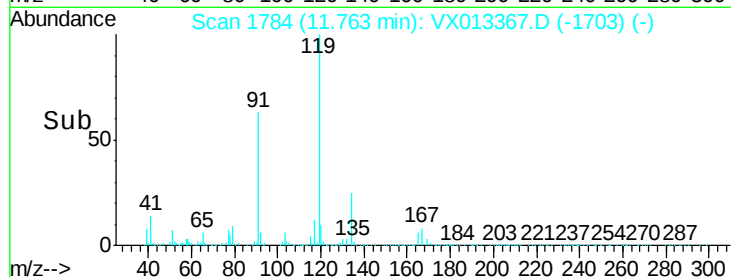
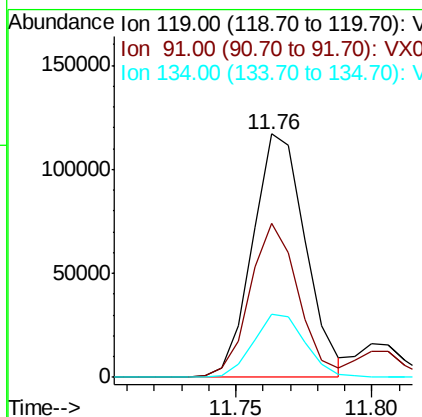
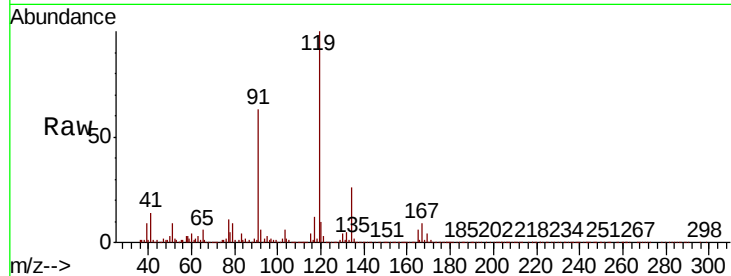
#79
tert-butylbenzene
Concen: 4.960 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157442		
91	57.8	0.0	109.6	
134	26.0	0.0	47.8	

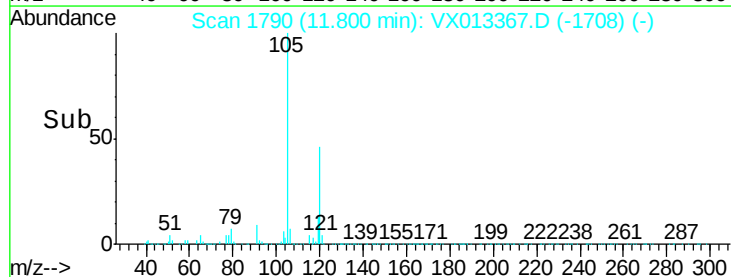
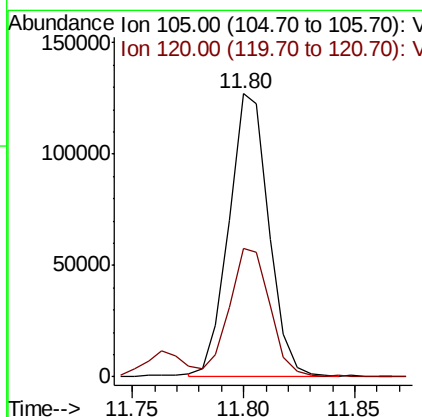
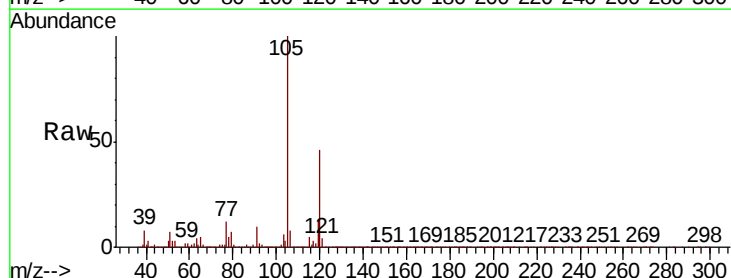
Manual Integrations
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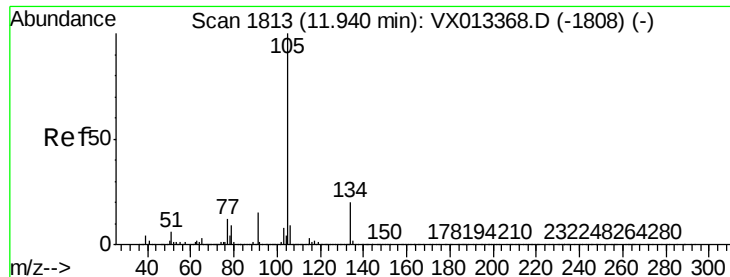
MMDadoda
11/12/2019 11:49:34 AM



#80
1,2,4-Trimethylbenzene
Concen: 4.861 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157679		
120	46.1	0.0	94.0	





#81

sec-Butylbenzene

Concen: 4.868 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 180855

Ion Ratio Lower Upper

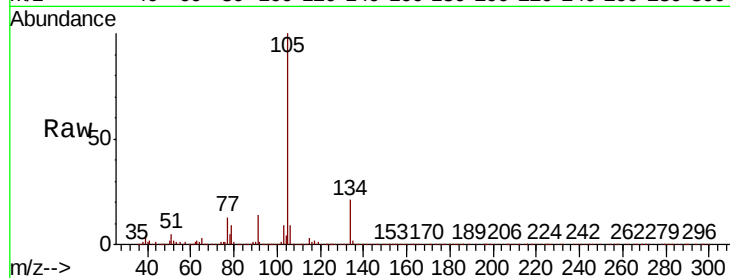
105 100

134 20.6 0.0 41.2

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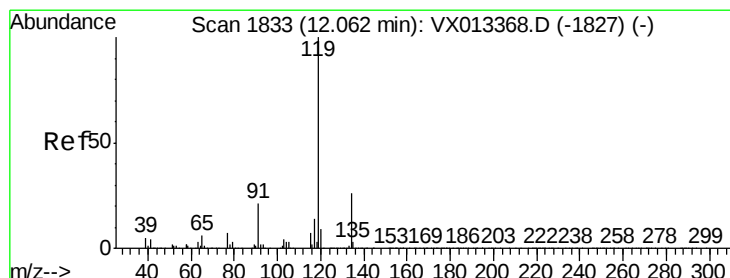
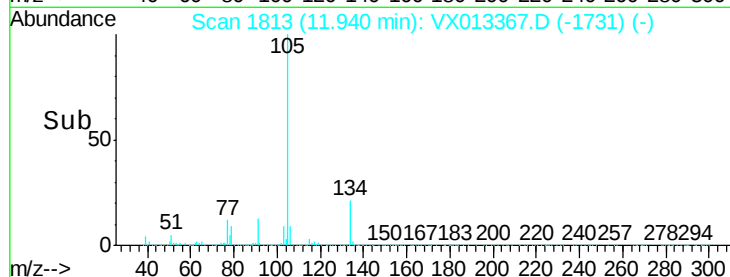
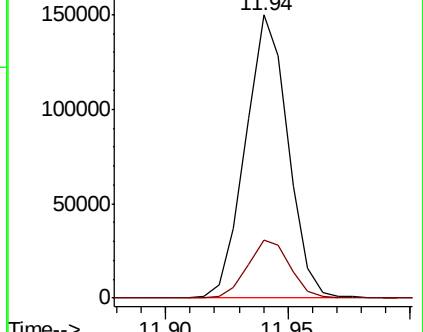
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.816 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013367.D

Acq: 11 Nov 2019 16:29

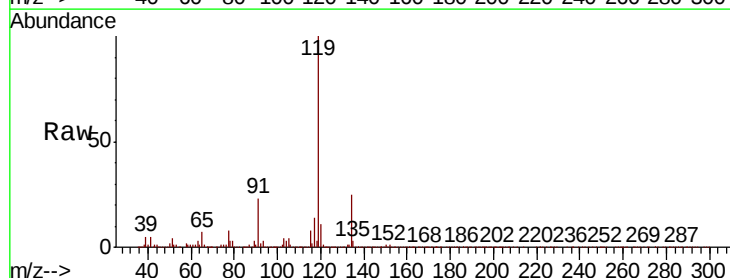
Tgt Ion:119 Resp: 164278

Ion Ratio Lower Upper

119 100

134 26.4 0.0 51.6

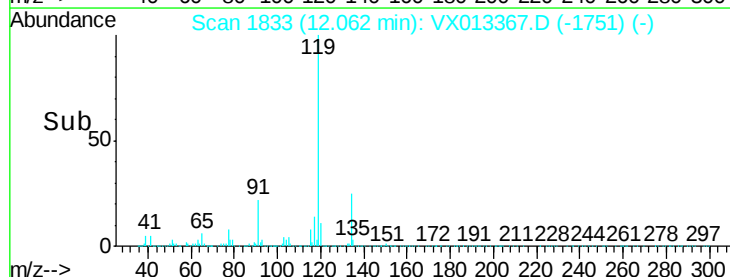
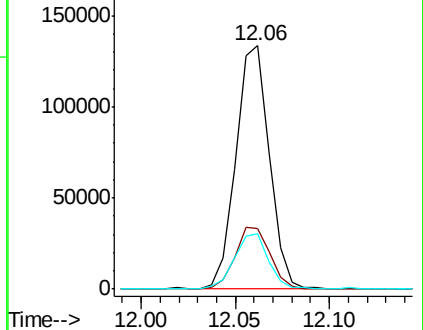
91 23.1 0.0 44.2

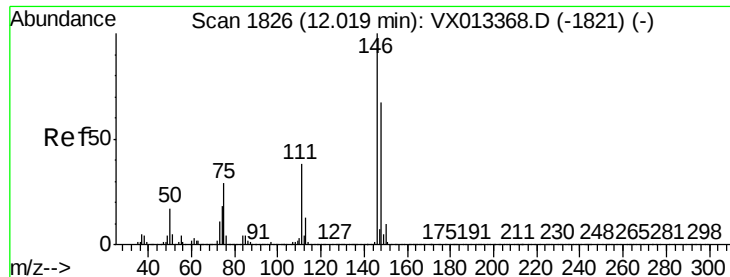


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





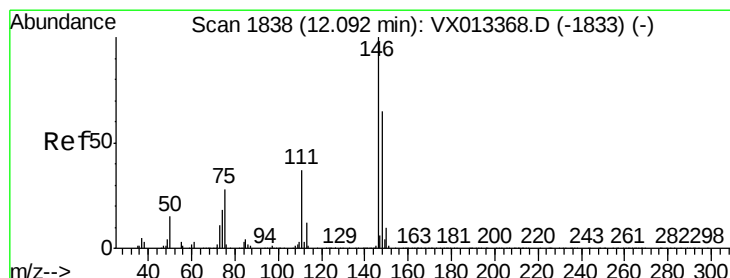
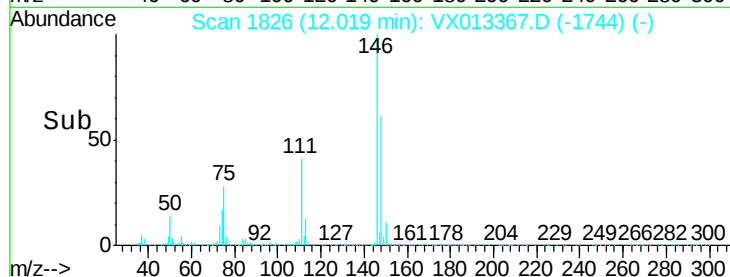
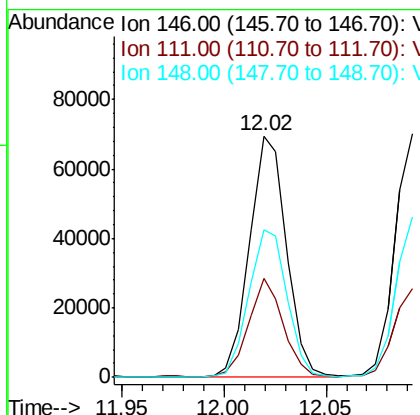
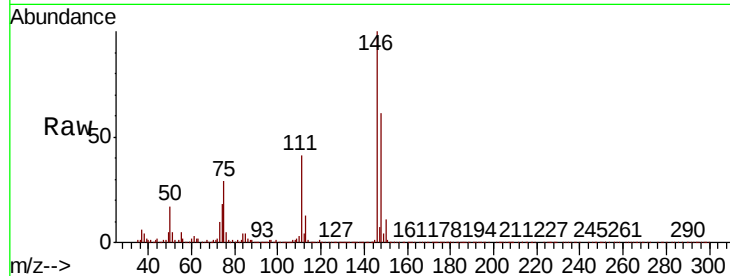
#83
 1,3-Dichlorobenzene
 Concen: 5.129 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	62.9	32.3	96.9

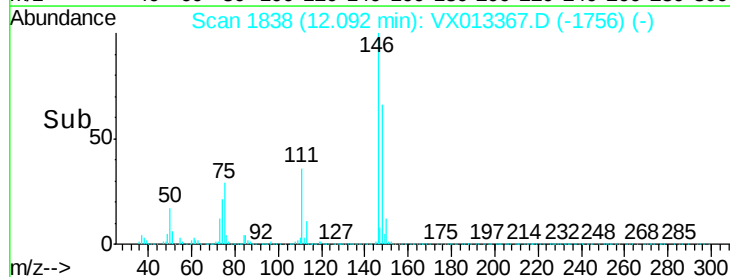
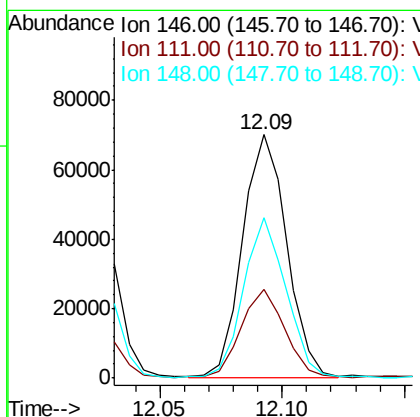
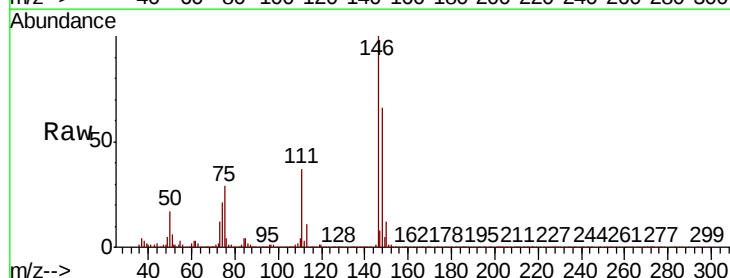
Manual Integrations
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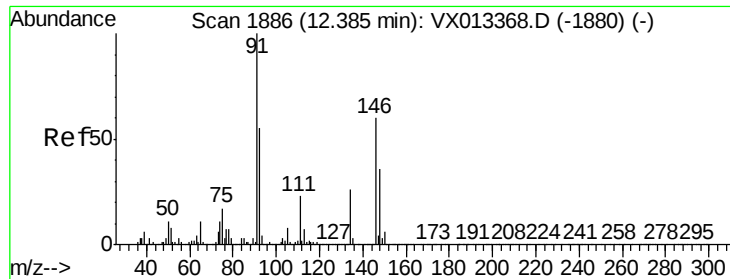
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#84
 1,4-Dichlorobenzene
 Concen: 5.171 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.6	32.5	97.4





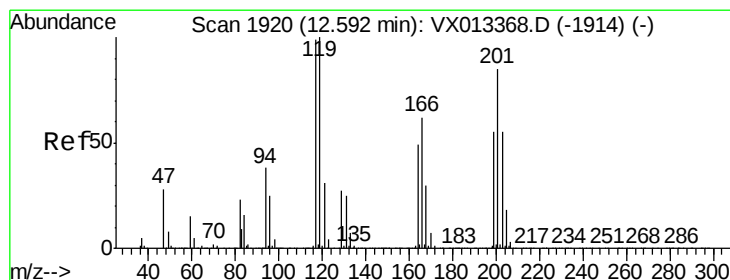
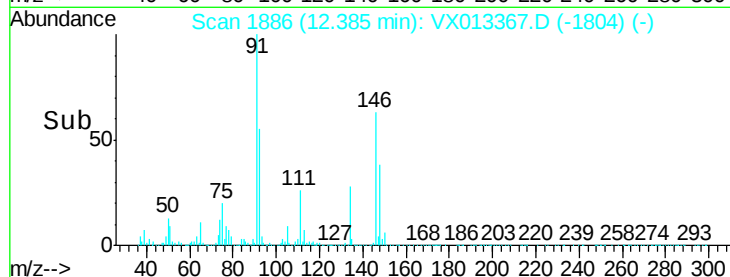
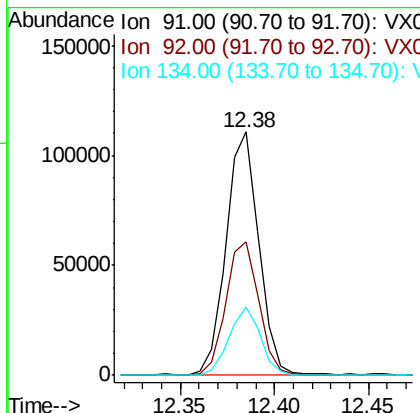
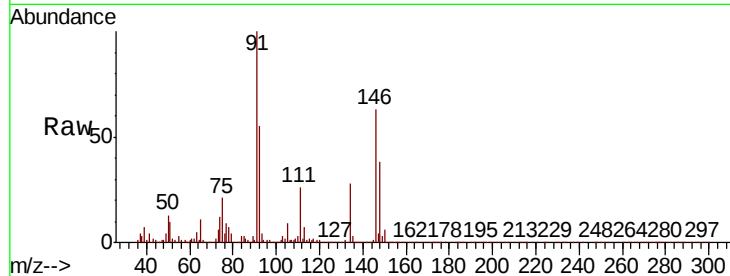
#85
n-Butylbenzene
Concen: 4.560 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	132520		
92	55.3	0.0	109.0	
134	27.1	0.0	53.0	

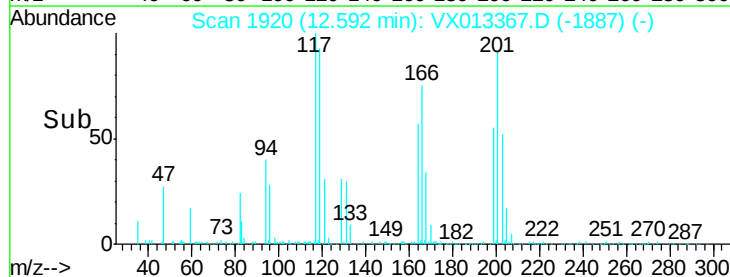
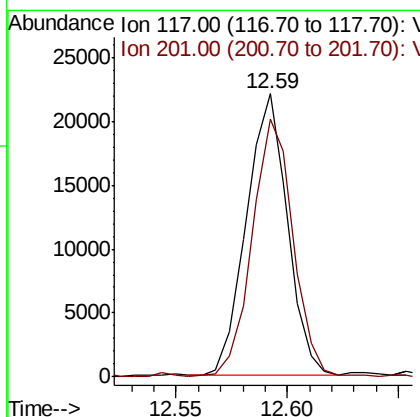
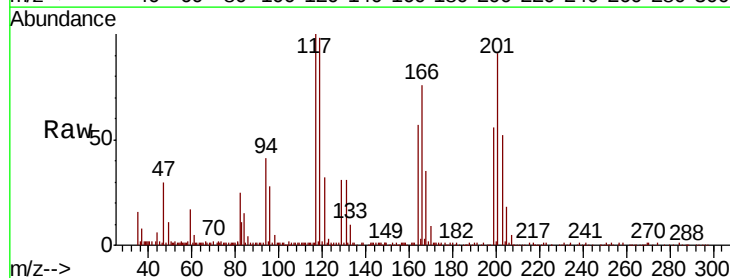
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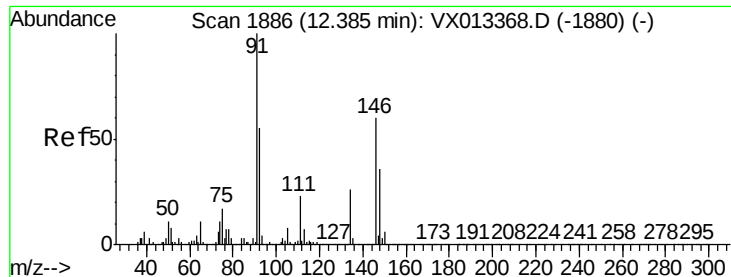
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#86
Hexachloroethane
Concen: 4.740 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28351		
201	90.4	44.5	133.3	





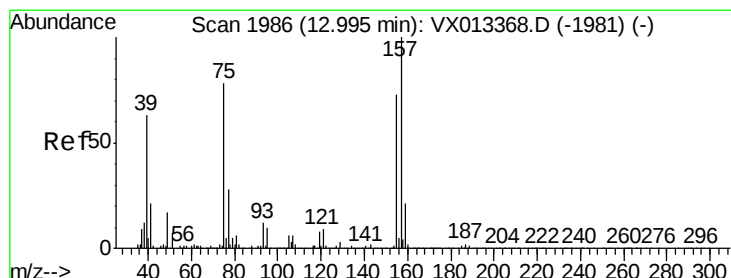
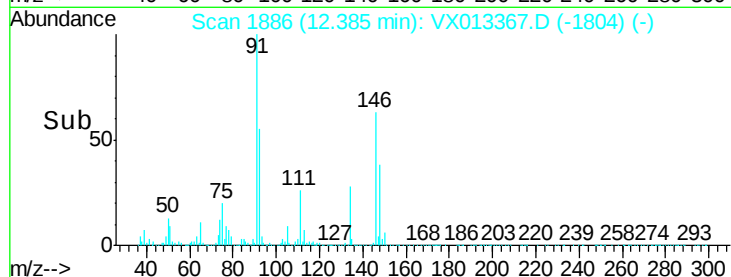
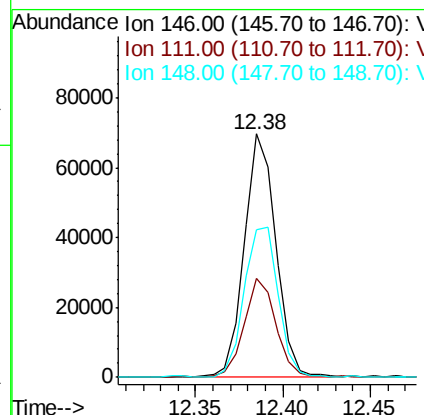
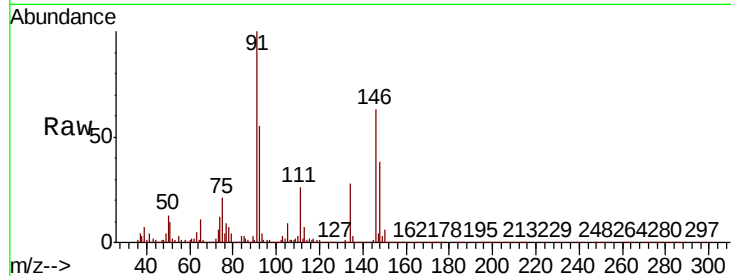
#87
 1,2-Dichlorobenzene
 Concen: 5.271 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	66.6	31.6	94.7

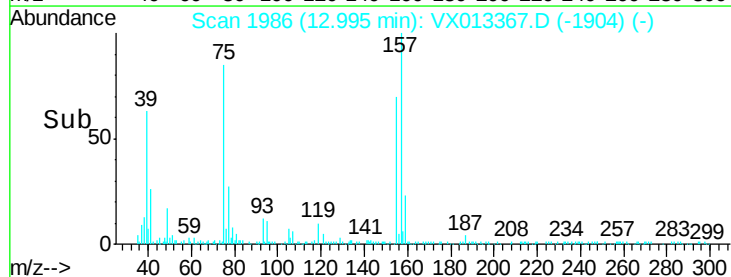
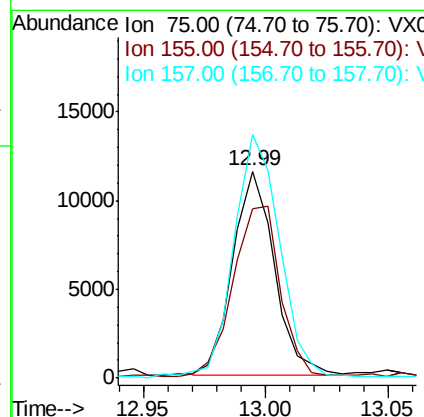
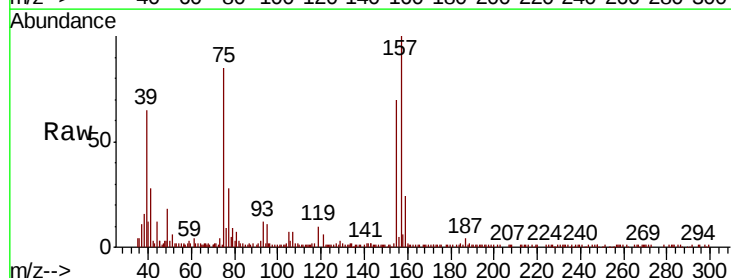
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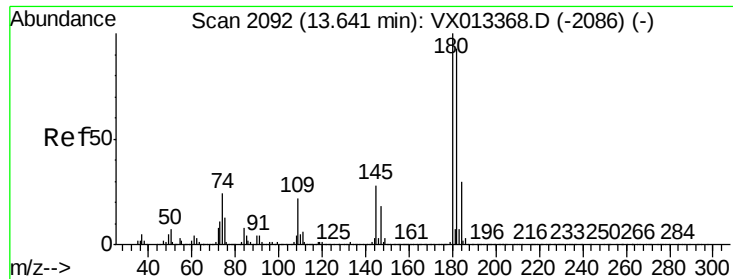
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.673 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	76.9	115.3
157	132.8	101.2	151.8





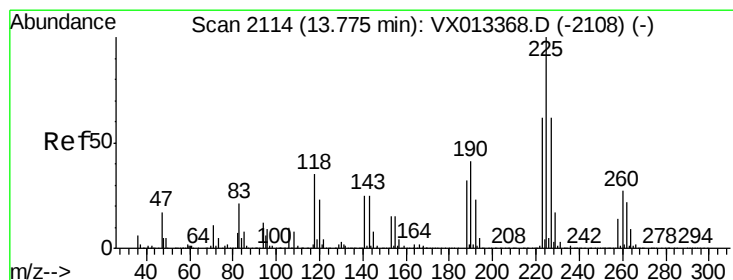
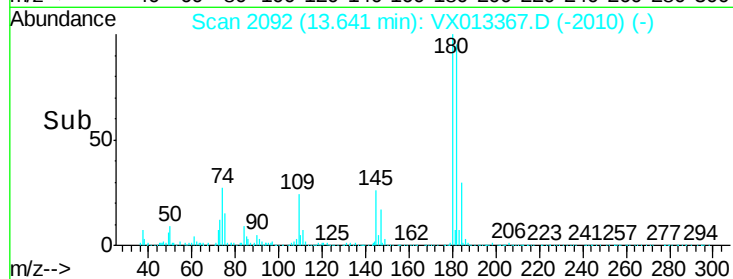
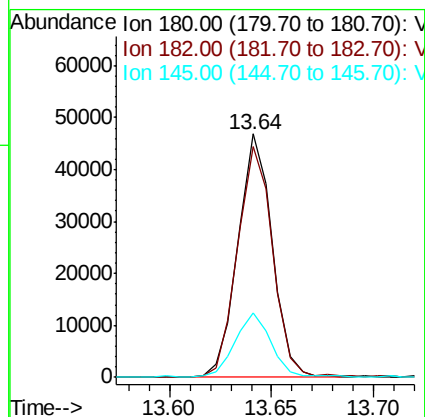
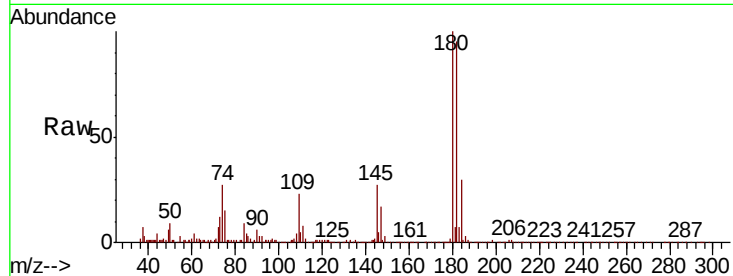
#89
 1,2,4-Trichlorobenzene
 Concen: 5.148 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	74.7	112.1
145	27.1	22.1	33.1

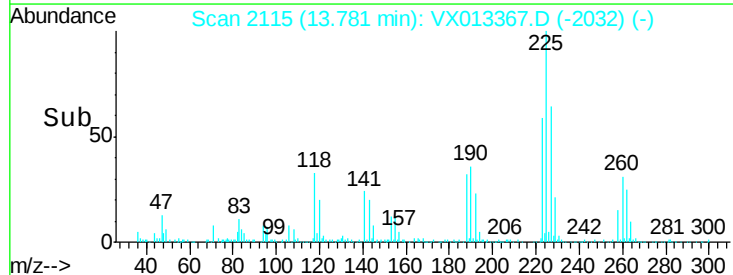
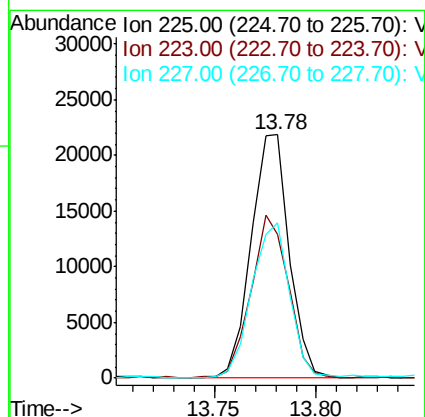
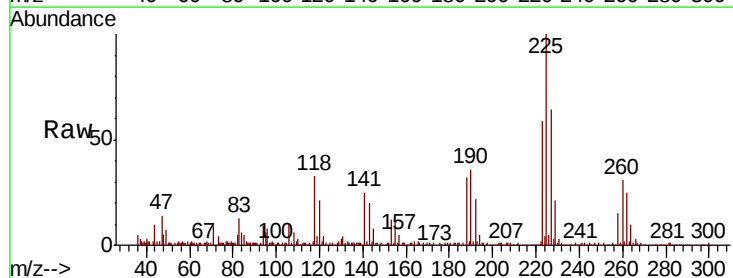
Manual Integrations
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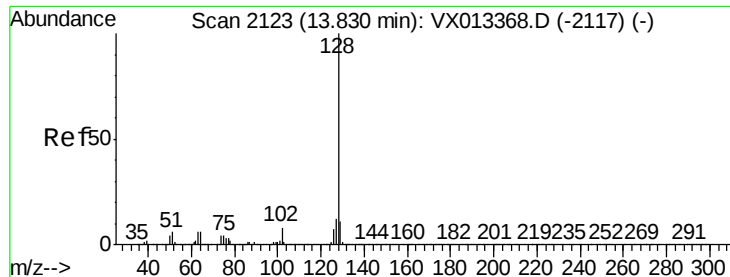
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#90
 Hexachlorobutadiene
 Concen: 5.339 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013367.D
 Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	0.0	123.0
227	63.5	0.0	121.8





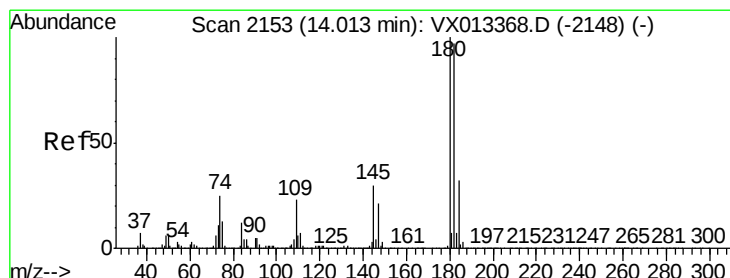
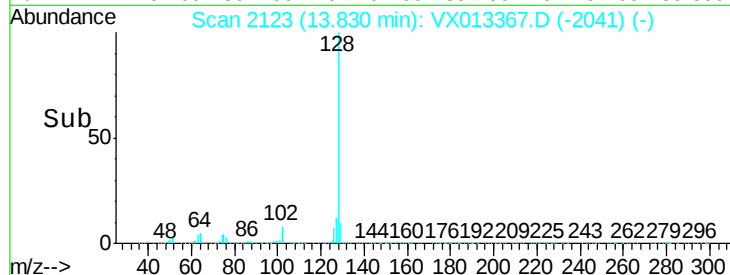
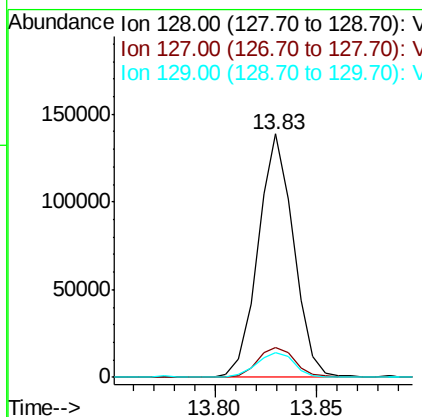
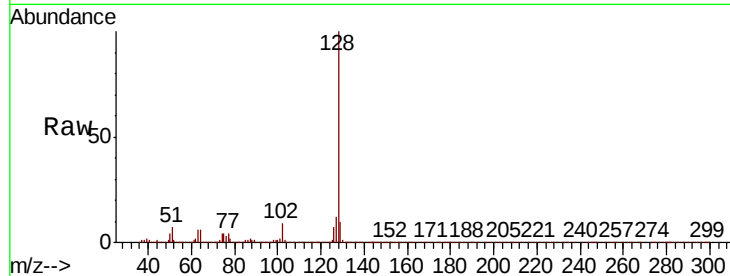
#91
Naphthalene
Concen: 4.889 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 5.256 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013367.D
Acq: 11 Nov 2019 16:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	0.0	191.0
145	29.6	0.0	59.0

