

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015376.D
 Acq On : 27 Mar 2020 12:57
 Operator : JC/SP
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Manual Integrations
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 3/30/2020 2:59:35 PM

Quant Time: Mar 30 01:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1169995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1788080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1626653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	756885	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	5.47	113	564795	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.70	98	2059782	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.12	95	831584	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205719	19.957	ug/l	97
3) Chloromethane	1.31	50	228169	17.382	ug/l	99
4) Vinyl Chloride	1.39	62	220399	18.285	ug/l	96
5) Bromomethane	1.63	94	138160	20.016	ug/l	97
6) Chloroethane	1.71	64	134911	18.047	ug/l	98
7) Trichlorofluoromethane	1.92	101	317417	19.636	ug/l	99
8) Diethyl Ether	2.17	74	122050	17.901	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216975	20.590	ug/l	99
10) Methyl Iodide	2.49	142	255699	17.997	ug/l	100
11) Tert butyl alcohol	3.01	59	336045	85.081	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211368	19.135	ug/l	99
13) Acrolein	2.27	56	189418	84.188	ug/l	96
14) Allyl chloride	2.70	41	482651	18.700	ug/l	99
15) Acrylonitrile	3.12	53	678746	90.110	ug/l	99
16) Acetone	2.42	43	618916	87.301	ug/l	100
17) Carbon Disulfide	2.55	76	642906	19.079	ug/l	99
18) Methyl Acetate	2.75	43	324502	17.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796784	18.599	ug/l	100
20) Methylene Chloride	2.83	84	237106	17.906	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229692	18.737	ug/l	99
22) Diisopropyl ether	3.83	45	872466	19.077	ug/l	93
23) Vinyl Acetate	3.78	43	4015120	96.963	ug/l	99
24) 1,1-Dichloroethane	3.67	63	438190	18.197	ug/l	99
25) 2-Butanone	4.64	43	1002514	87.930	ug/l	99
26) 2,2-Dichloropropane	4.55	77	397090	20.090	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	265029	18.686	ug/l	98
28) Bromochloromethane	4.98	49	222609	19.362	ug/l	100
29) Tetrahydrofuran	5.09	42	650440	88.742	ug/l	100
30) Chloroform	5.18	83	426087	18.392	ug/l	96
31) Cyclohexane	5.55	56	417300	19.977	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	385657	18.394	ug/l	98
36) 1,1-Dichloropropene	5.77	75	328763	19.955	ug/l	99
37) Ethyl Acetate	4.79	43	404881	18.874	ug/l	99
38) Carbon Tetrachloride	5.76	117	354303	19.855	ug/l	97

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Quant Time: Mar 30 01:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	403756	21.255	ug/l	98
40) Benzene	6.11	78	940536	19.489	ug/l	99
41) Methacrylonitrile	5.00	41	228156	19.159	ug/l	99
42) 1,2-Dichloroethane	6.16	62	382397	19.726	ug/l	100
43) Isopropyl Acetate	6.41	43	691145	19.086	ug/l	100
44) Trichloroethene	7.19	130	257360	19.554	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255397	19.345	ug/l	98
46) Dibromomethane	7.64	93	167393	19.329	ug/l	98
47) Bromodichloromethane	7.87	83	356117	19.298	ug/l	96
48) Methyl methacrylate	7.75	41	343591	18.996	ug/l	99
49) 1,4-Dioxane	7.72	88	131074	388.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1982373	96.595	ug/l	98
52) Toluene	8.76	92	595542	20.016	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	421646	19.482	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	436995	19.822	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	238281	19.547	ug/l	98
56) Ethyl methacrylate	9.16	69	409526	19.062	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417885	19.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1014215	97.056	ug/l	99
59) 2-Hexanone	9.47	43	1474021	95.134	ug/l	100
60) Dibromochloromethane	9.56	129	288461	19.693	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259224	19.557	ug/l	98
64) Tetrachloroethene	9.32	164	251998	20.528	ug/l	95
65) Chlorobenzene	10.12	112	628917	19.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	248295	19.158	ug/l	97
67) Ethyl Benzene	10.23	91	1158601	20.137	ug/l	99
68) m/p-Xylenes	10.34	106	864305	40.342	ug/l	100
69) o-Xylene	10.68	106	420705	19.872	ug/l	100
70) Styrene	10.70	104	729531	19.583	ug/l	99
71) Bromoform	10.84	173	228237	19.345	ug/l #	98
73) Isopropylbenzene	11.00	105	1132731	20.531	ug/l	99
74) N-amyl acetate	10.88	43	572083	18.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360825	19.059	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	347340m	20.059	ug/l	
77) Bromobenzene	11.24	156	288416	19.598	ug/l	99
78) n-propylbenzene	11.34	91	1291742	20.475	ug/l	99
79) 2-Chlorotoluene	11.40	91	776780	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	960790	20.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142087	19.689	ug/l	99
82) 4-Chlorotoluene	11.49	91	925972	20.427	ug/l	98
83) tert-Butylbenzene	11.76	119	931941	20.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	966898	20.137	ug/l	99
85) sec-Butylbenzene	11.93	105	1095007	20.571	ug/l	100
86) p-Isopropyltoluene	12.05	119	1038539	21.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516560	19.607	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	518044	19.304	ug/l	97
89) n-Butylbenzene	12.37	91	939882	21.047	ug/l	99
90) Hexachloroethane	12.58	117	196240	20.403	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	501665	19.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90894	17.011	ug/l	99

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ClientSampleId :
VX0327WBSD01

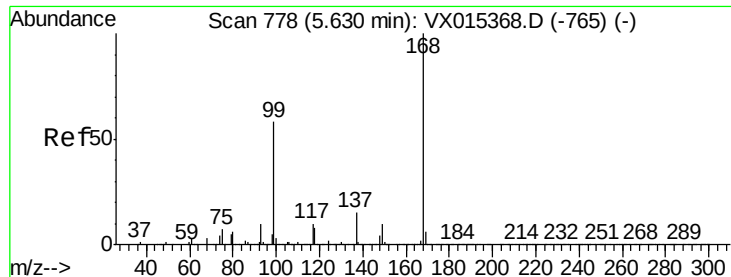
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	392851	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	188286	19.391	ug/l	94
95) Naphthalene	13.82	128	1181744	18.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	375318	19.114	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion:168 Resp: 1169995

Ion Ratio Lower Upper

168 100

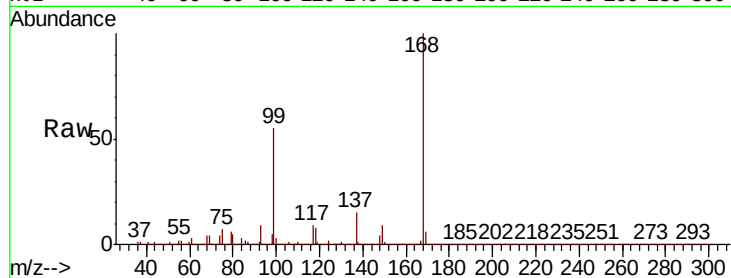
99 55.3 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

500000

400000

300000

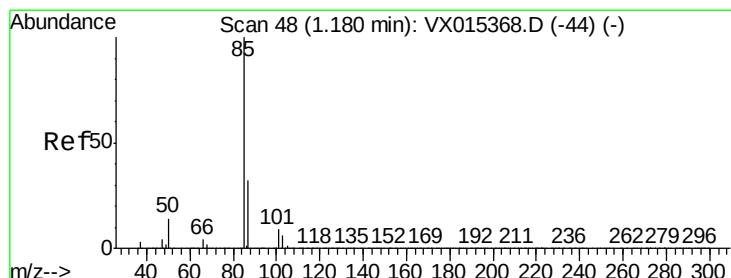
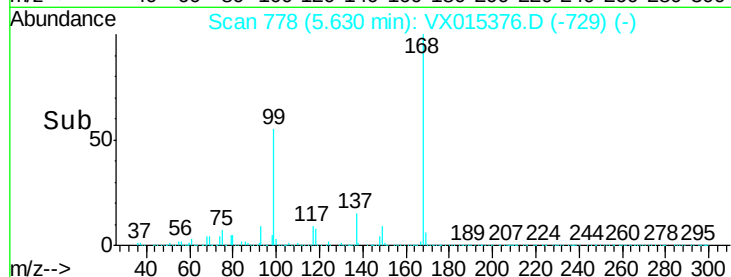
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.957 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015376.D

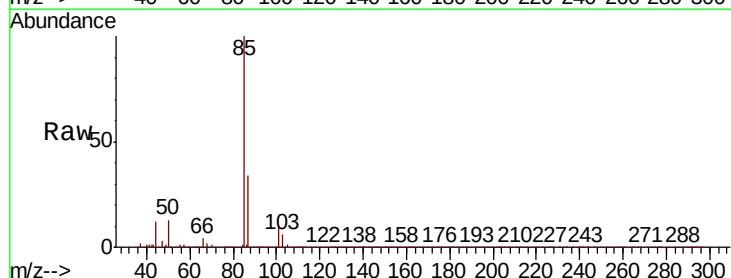
Acq: 27 Mar 2020 12:57

Tgt Ion: 85 Resp: 205719

Ion Ratio Lower Upper

85 100

87 33.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

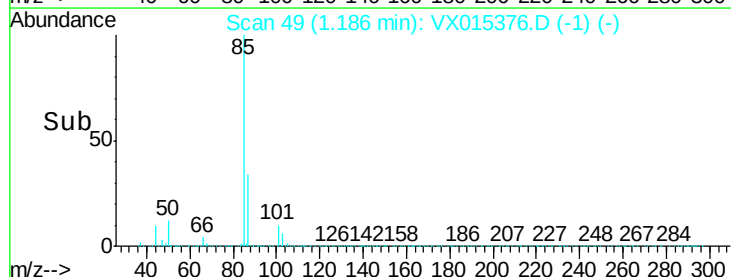
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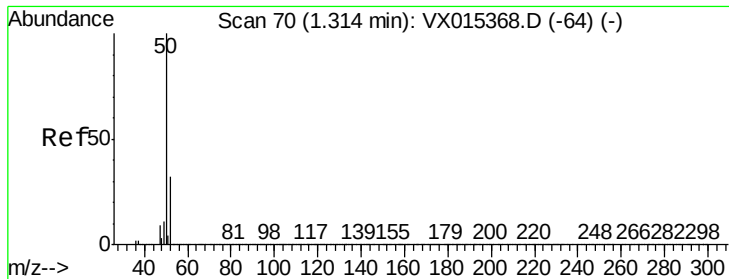
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0

1.15 1.20 1.25

Time-->





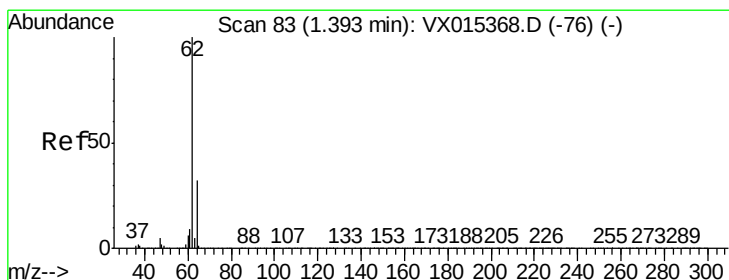
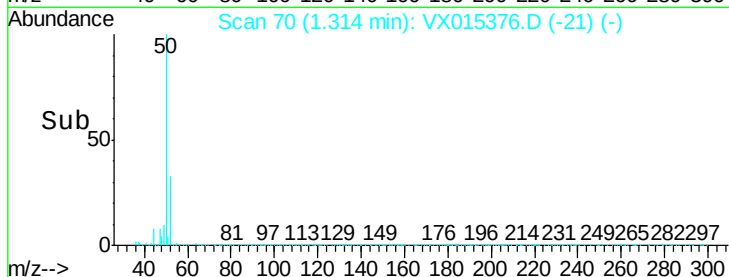
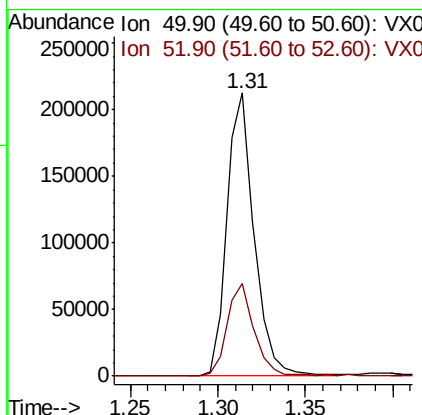
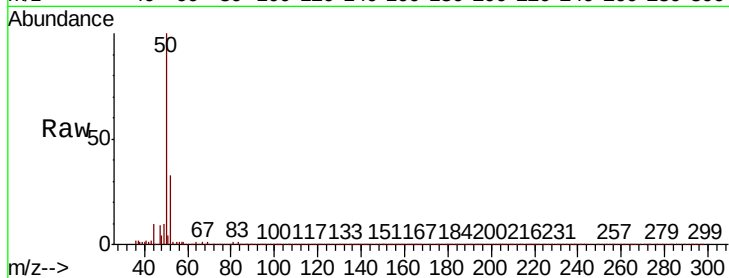
#3
Chloromethane
Concen: 17.382 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.3	37.9

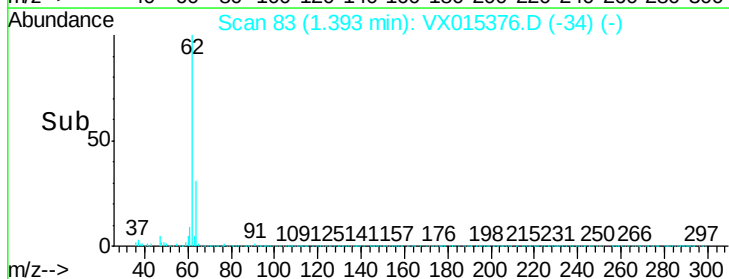
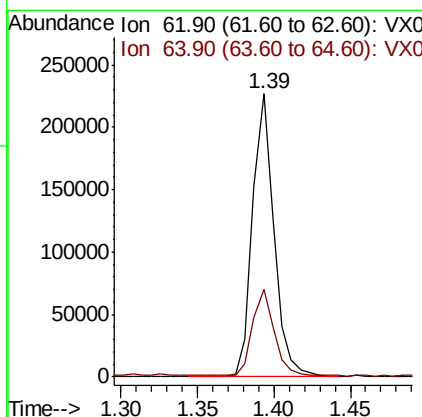
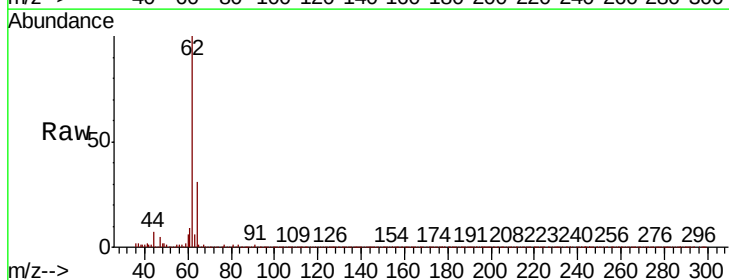
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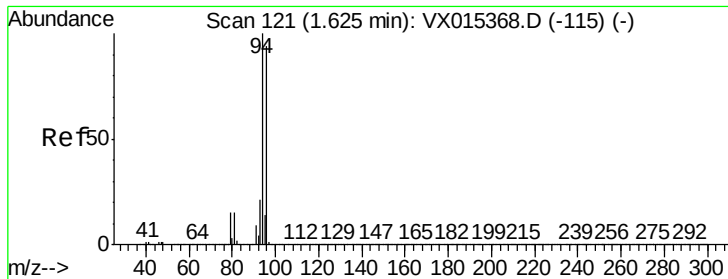
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#4
Vinyl Chloride
Concen: 18.285 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.5	26.0	39.0





#5

Bromomethane

Concen: 20.016 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 94 Resp: 138160

Ion Ratio Lower Upper

94 100

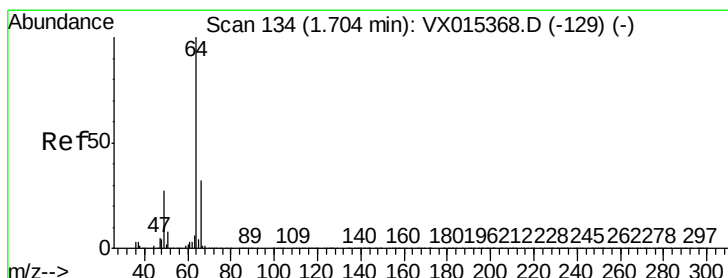
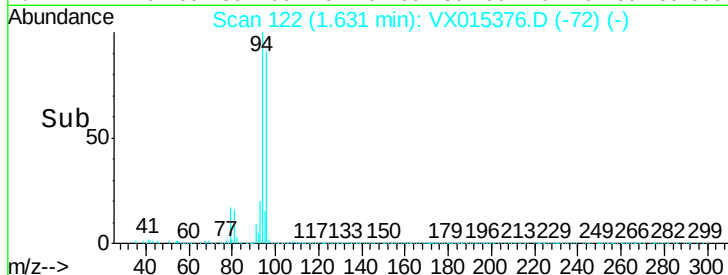
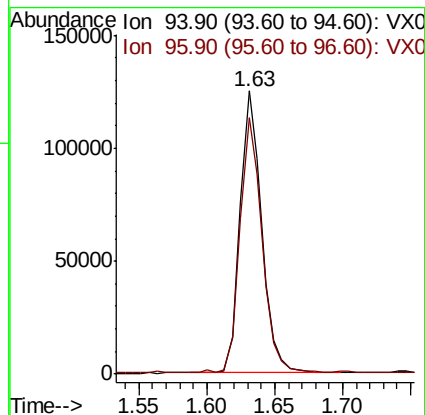
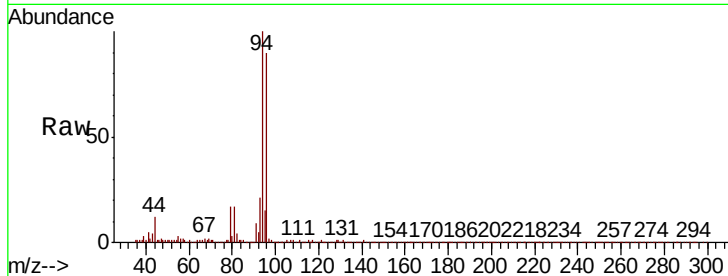
96 90.4 74.8 112.2

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#6

Chloroethane

Concen: 18.047 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015376.D

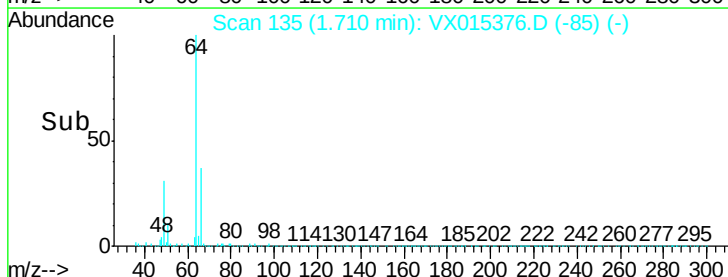
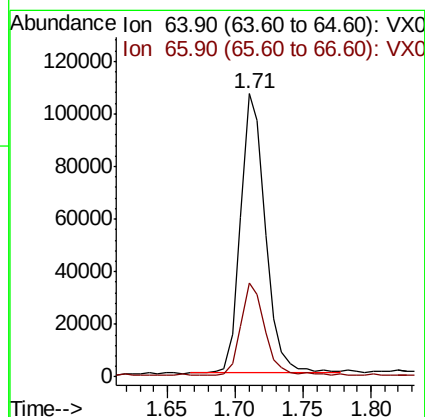
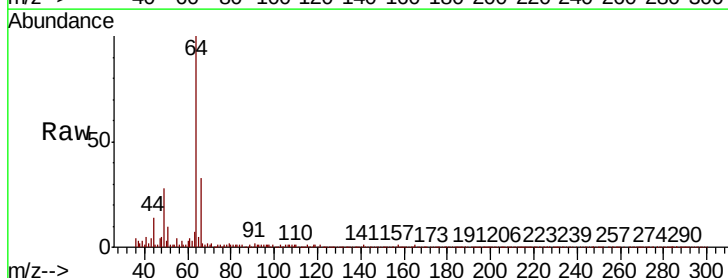
Acq: 27 Mar 2020 12:57

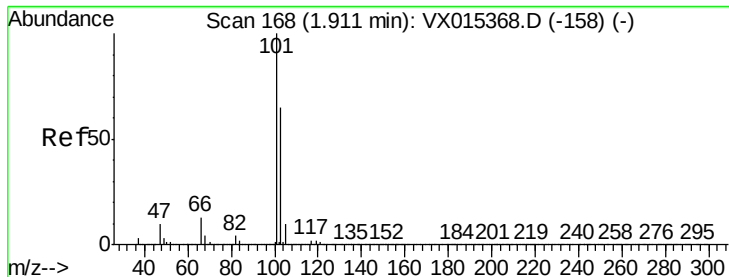
Tgt Ion: 64 Resp: 134911

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.2





#7

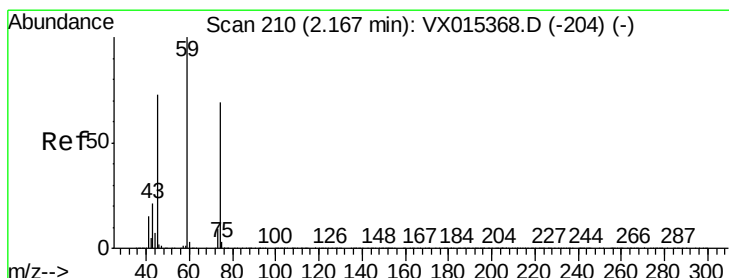
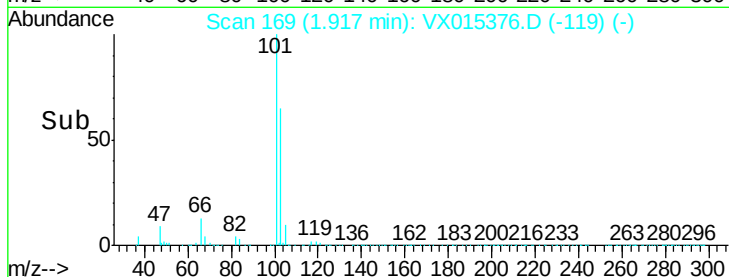
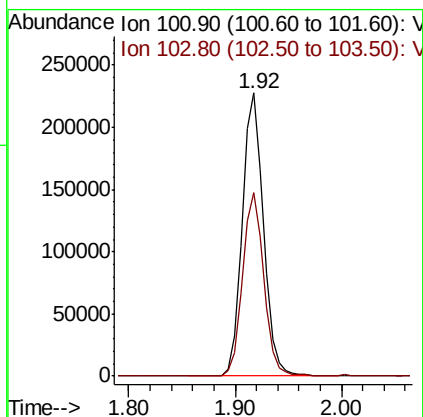
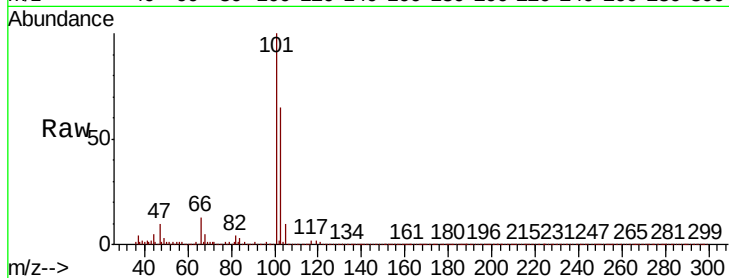
Trichlorofluoromethane
Concen: 19.636 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
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ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.3	78.5

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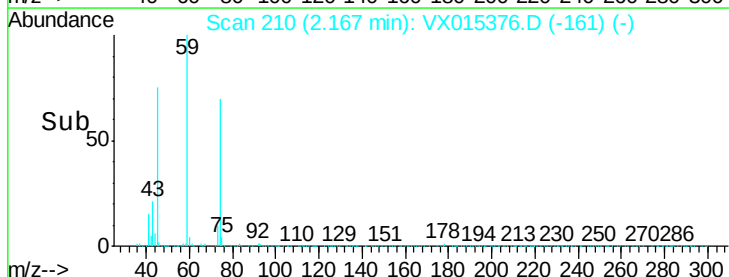
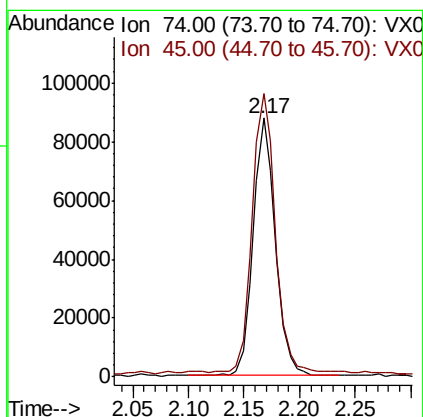
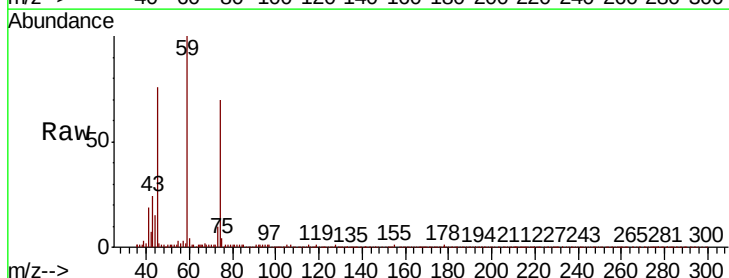
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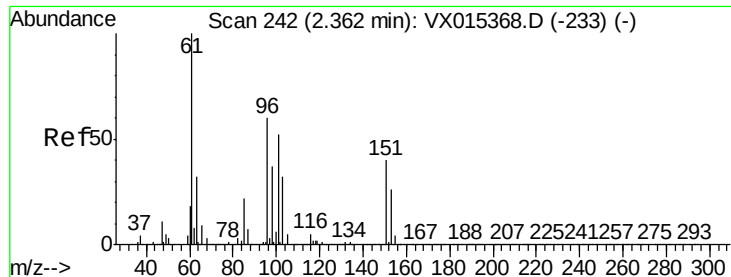


#8

Diethyl Ether
Concen: 17.901 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.590 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

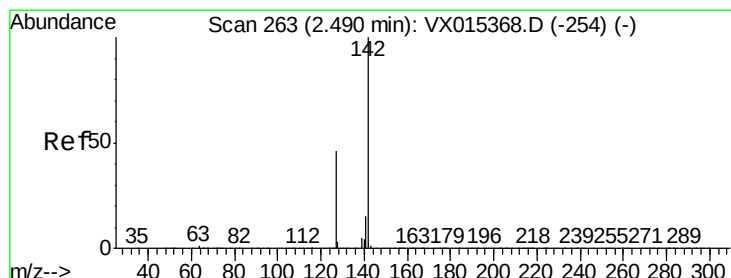
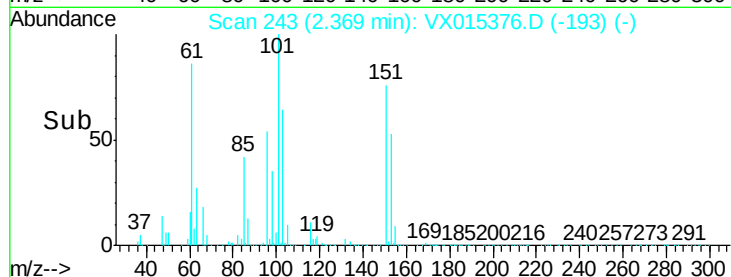
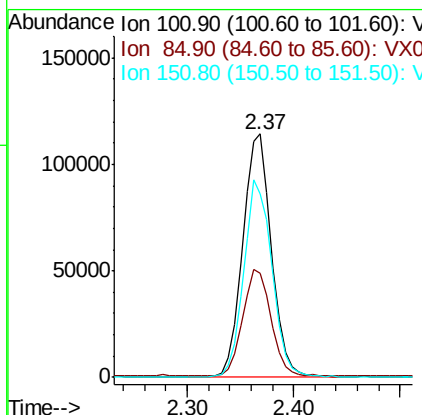
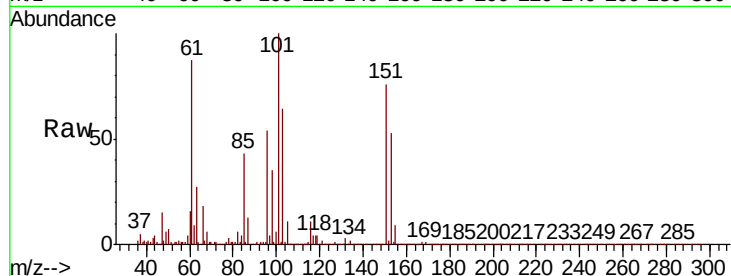
ClientSampleId :

VX0327WBSD01

Tot Ion:	101	Resp:	216975
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.0	52.4
151	79.6	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.997 ug/l

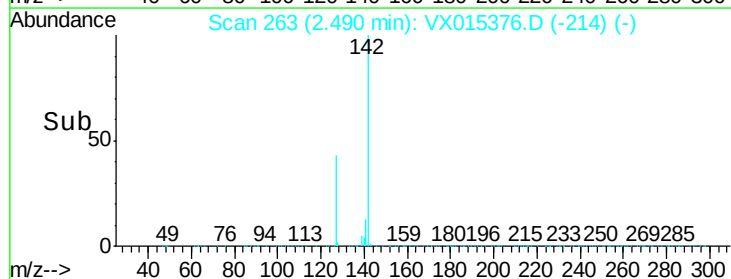
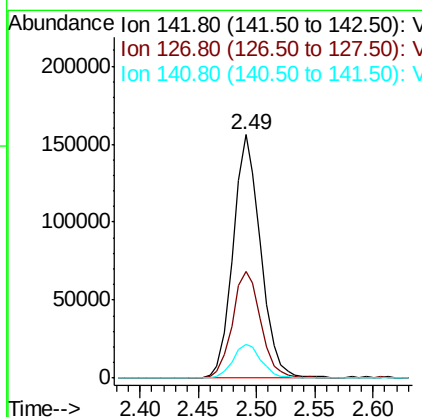
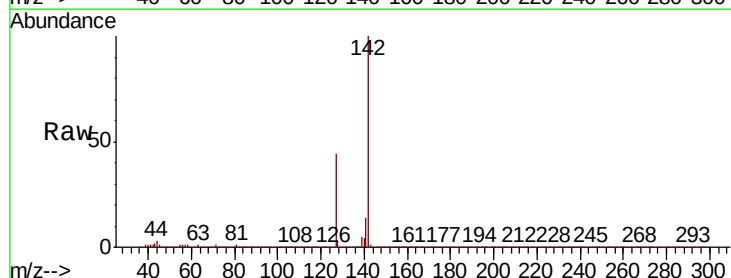
RT: 2.49 min Scan# 263

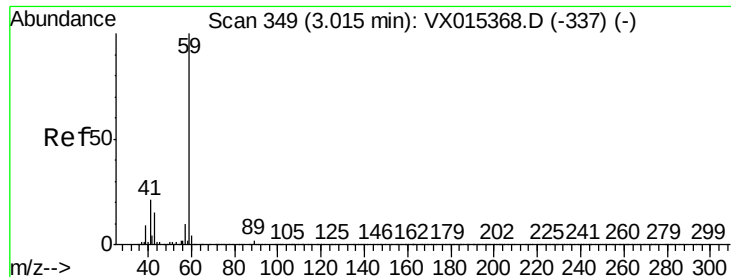
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	142	Resp:	255699
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.9	53.9
141	14.0	11.6	17.4





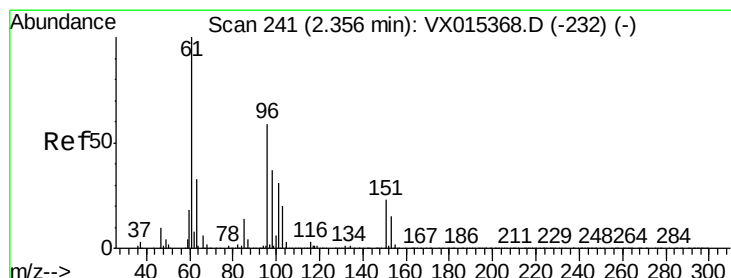
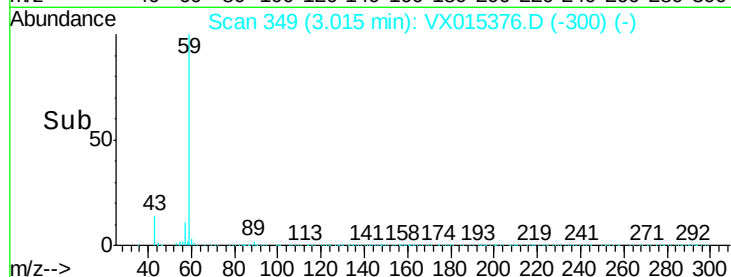
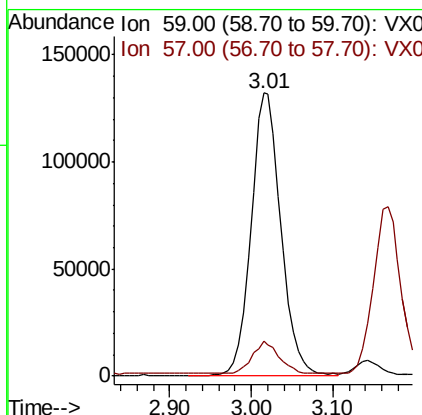
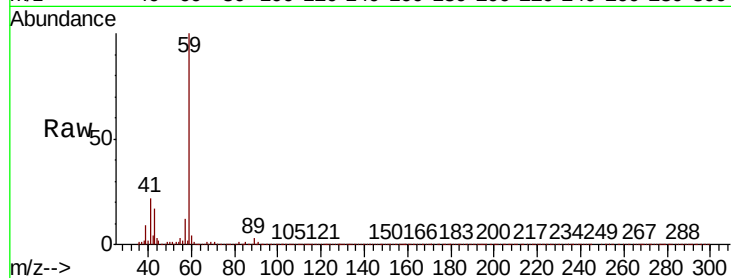
#11
Tert butyl alcohol
Concen: 85.081 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

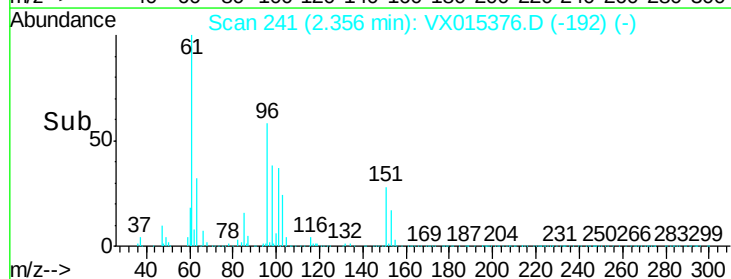
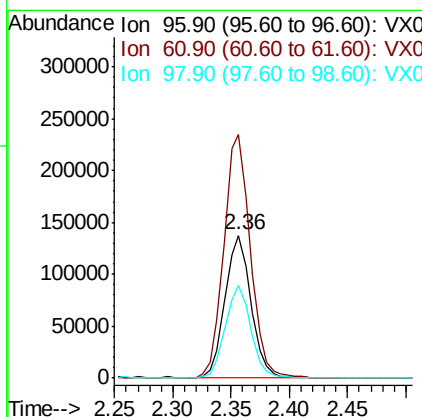
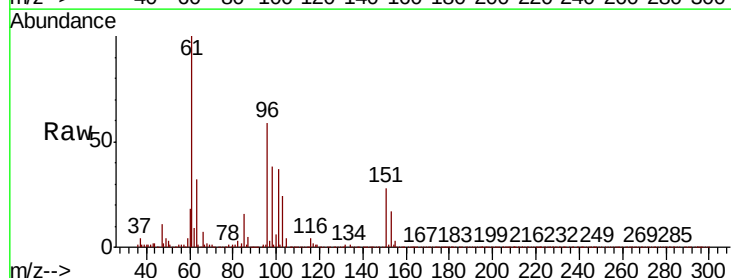
Manual Integrations
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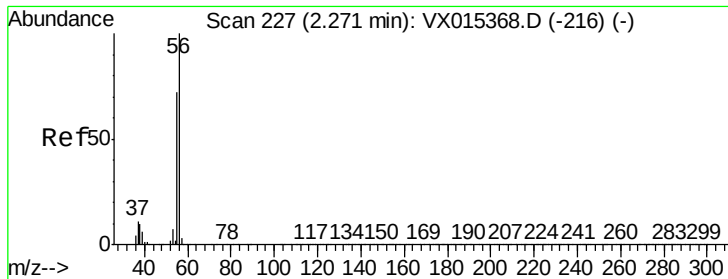
apatel
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#12
1,1-Dichloroethene
Concen: 19.135 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	135.7	203.5
98	65.0	50.6	75.8





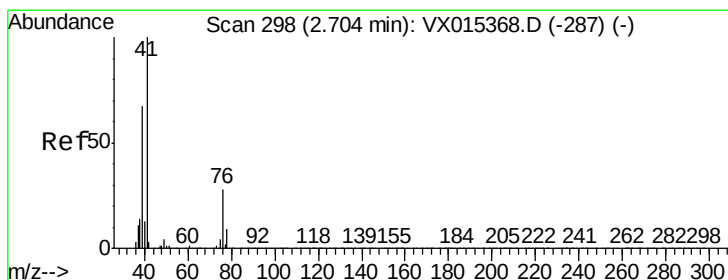
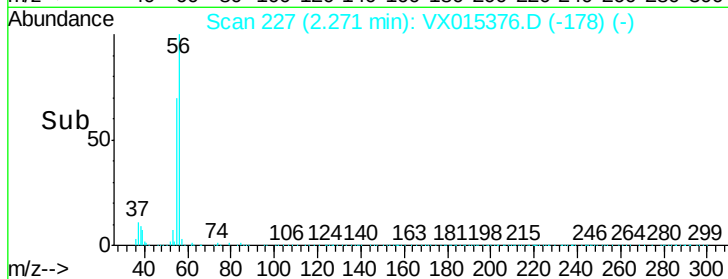
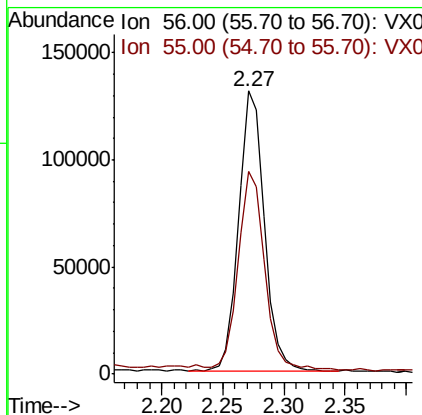
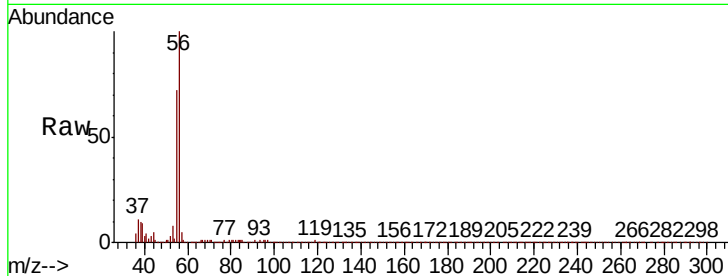
#13
Acrolein
Concen: 84.188 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.0	85.4

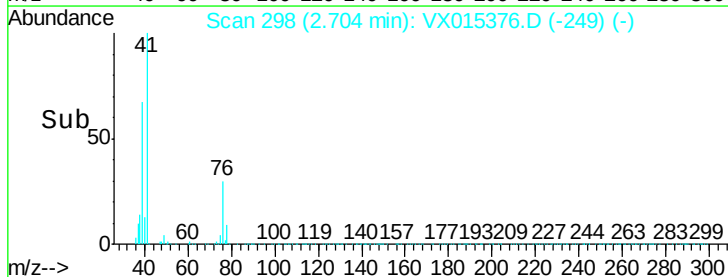
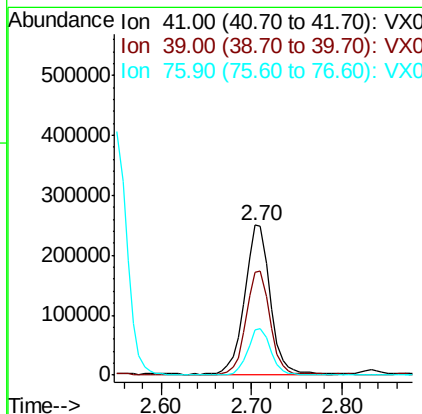
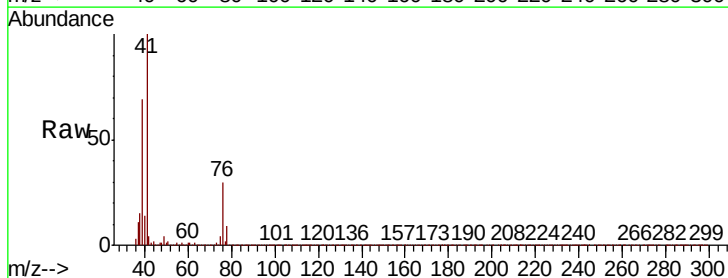
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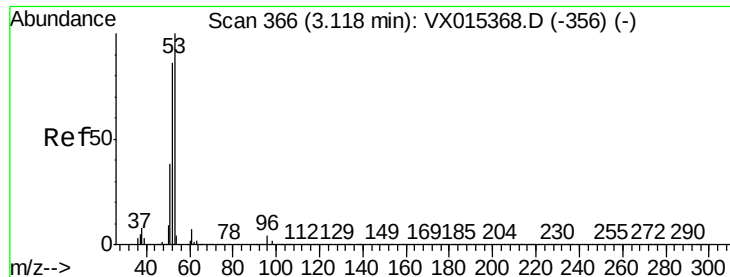
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#14
Allyl chloride
Concen: 18.700 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.6	51.4	77.0
76	27.6	21.8	32.8





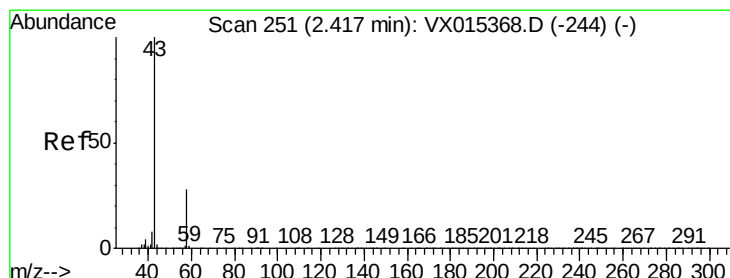
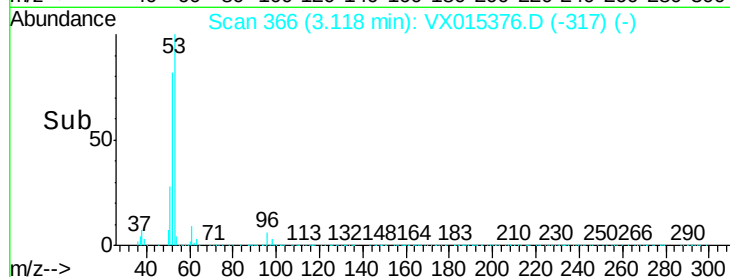
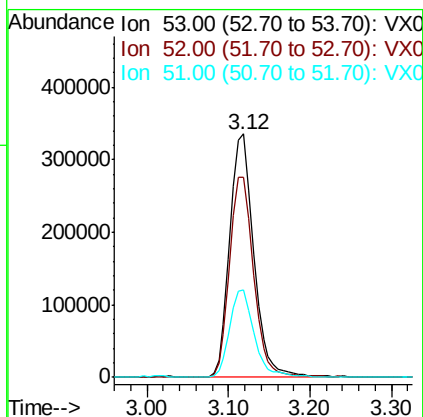
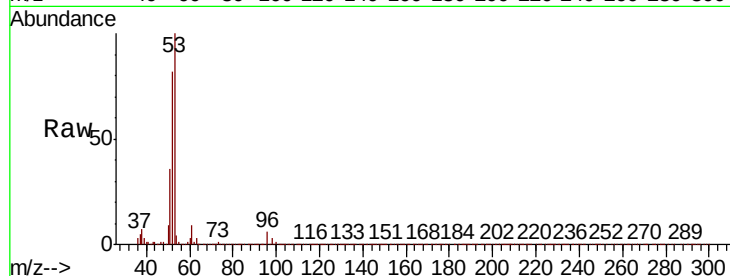
#15
 Acrylonitrile
 Concen: 90.110 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	53	Resp	678746
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.8	100.2
51	36.5	29.5	44.3

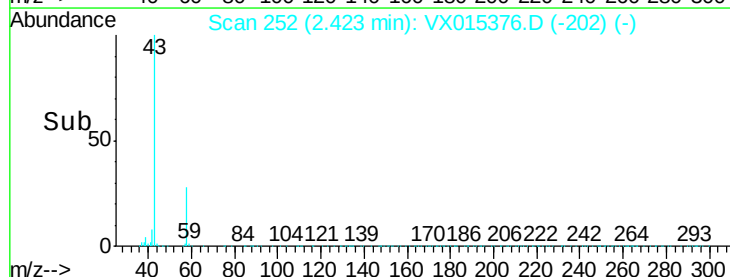
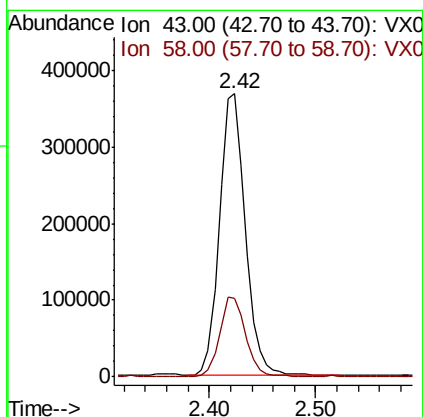
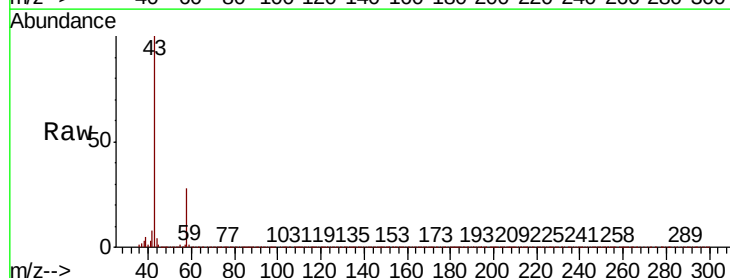
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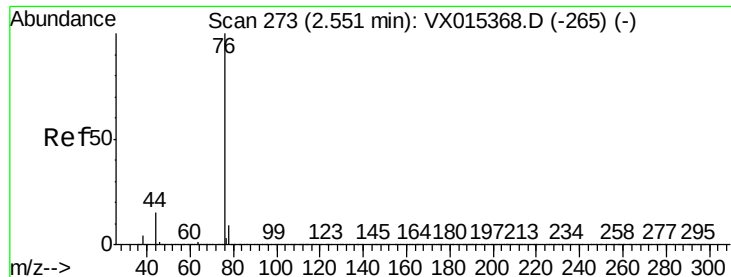
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#16
 Acetone
 Concen: 87.301 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	43	Resp	618916
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





#17

Carbon Disulfide

Concen: 19.079 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 76 Resp: 642906

Ion Ratio Lower Upper

76 100

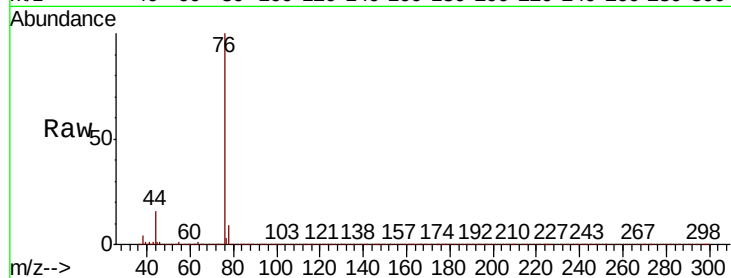
78 9.4 7.1 10.7

Manual Integrations

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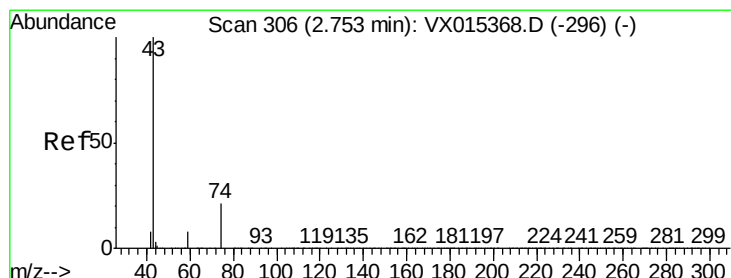
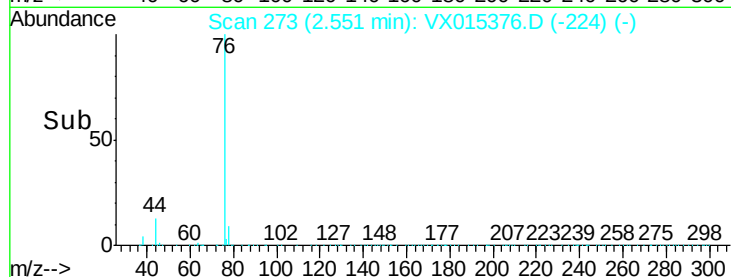
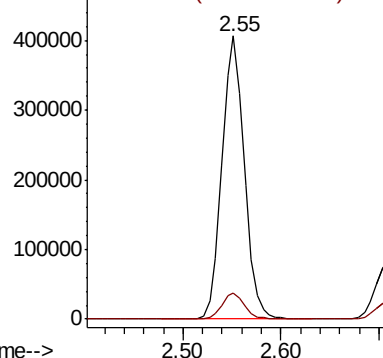
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.934 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015376.D

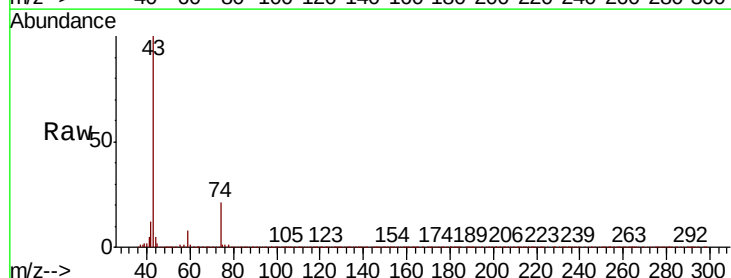
Acq: 27 Mar 2020 12:57

Tgt Ion: 43 Resp: 324502

Ion Ratio Lower Upper

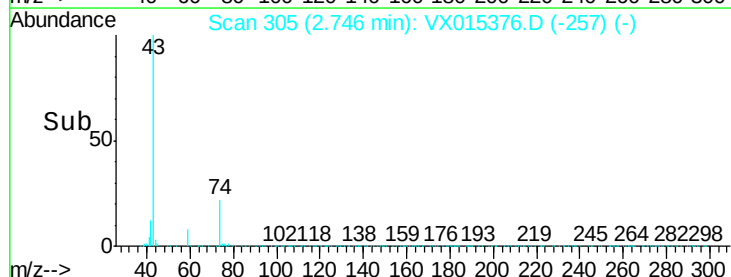
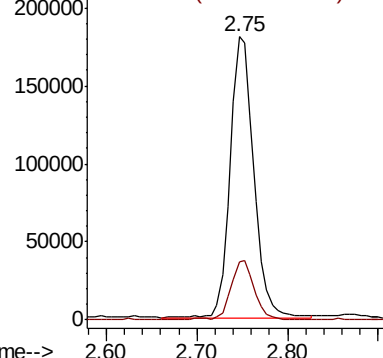
43 100

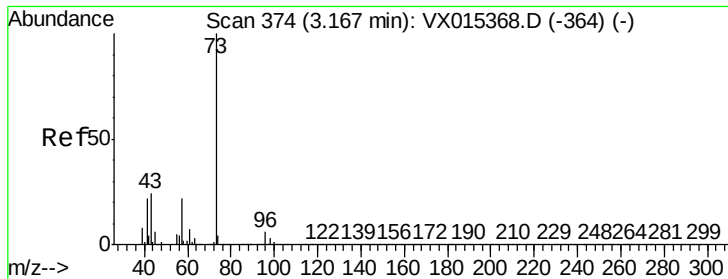
74 21.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





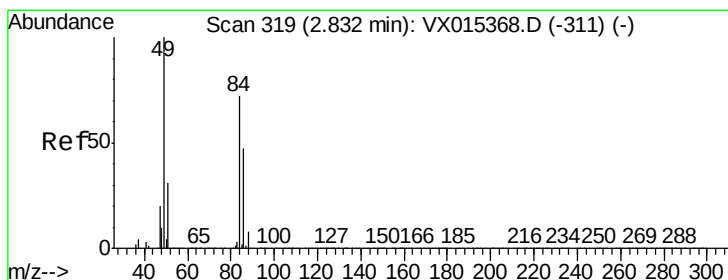
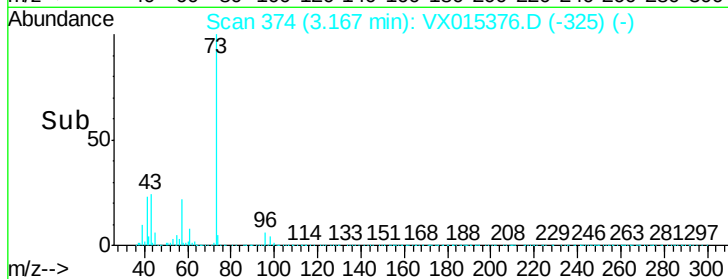
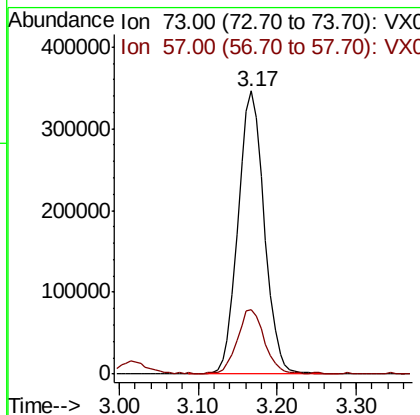
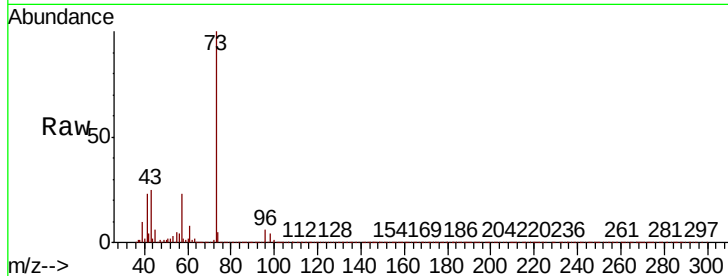
#19
Methyl tert-butyl Ether
Concen: 18.599 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.9	26.9

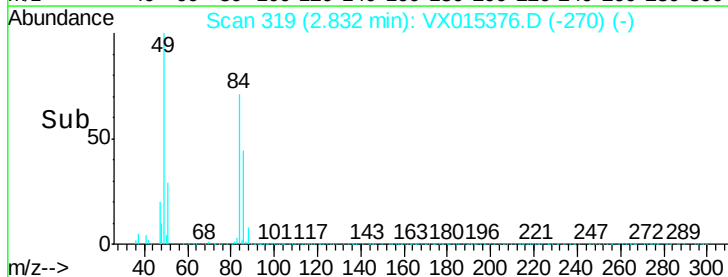
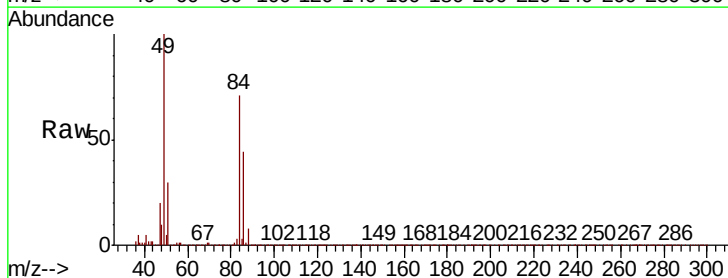
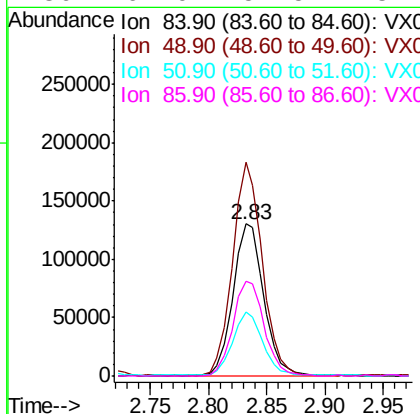
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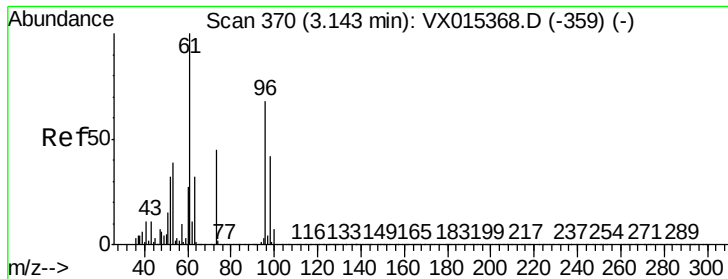
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#20
Methylene Chloride
Concen: 17.906 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.4	111.3	166.9
51	41.4	34.0	51.0
86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.737 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

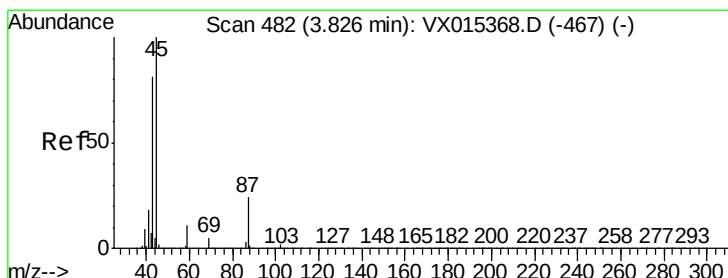
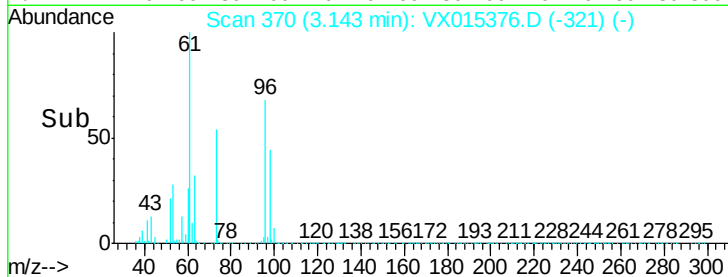
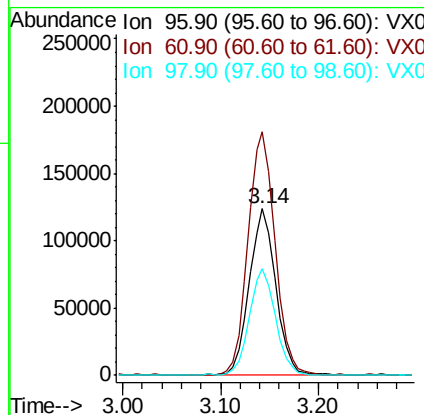
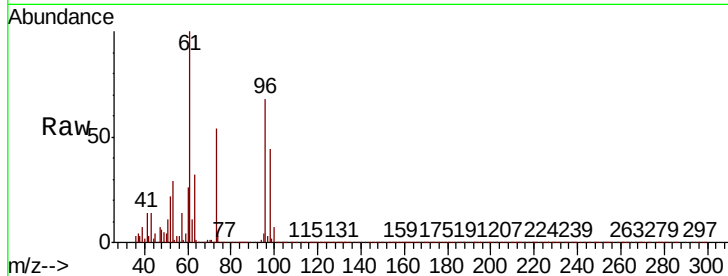
ClientSampleId :

VX0327WBSD01

Tot Ion:	96	Resp:	229692
Ion	Ratio	Lower	Upper
96	100		
61	146.4	116.9	175.3
98	64.1	48.6	73.0

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#22

Diisopropyl ether

Concen: 19.077 ug/l

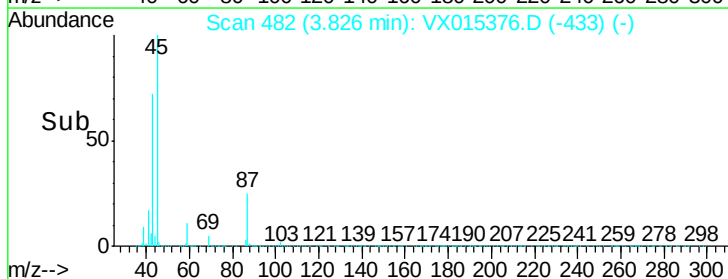
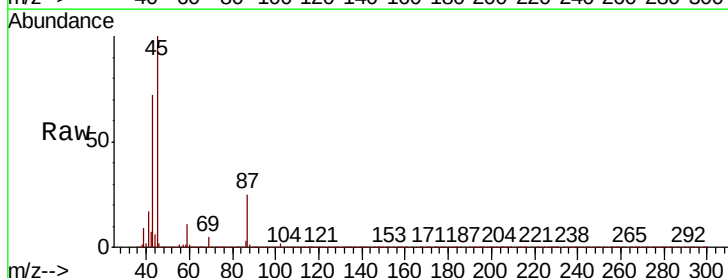
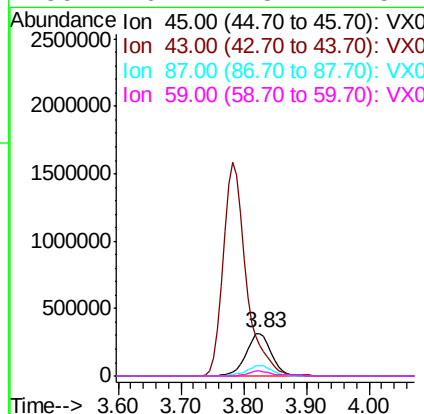
RT: 3.83 min Scan# 482

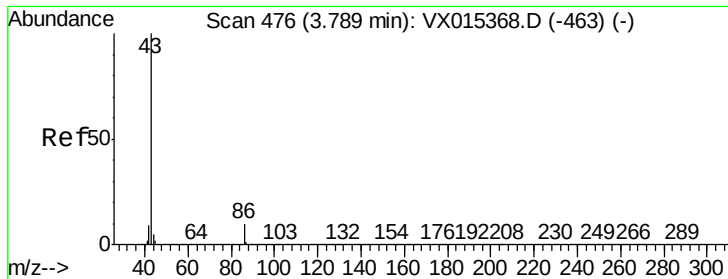
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	45	Resp:	872466
Ion	Ratio	Lower	Upper
45	100		
43	71.8	64.7	97.1
87	24.7	19.4	29.0
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 96.963 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 43 Resp: 4015120

Ion Ratio Lower Upper

43 100

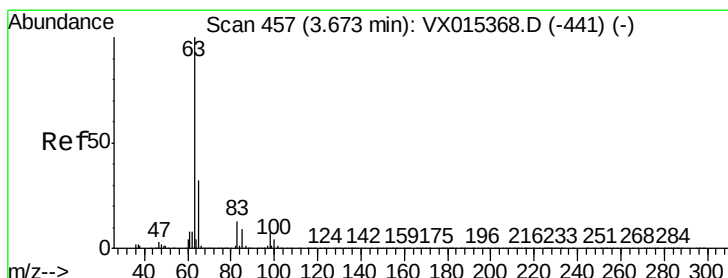
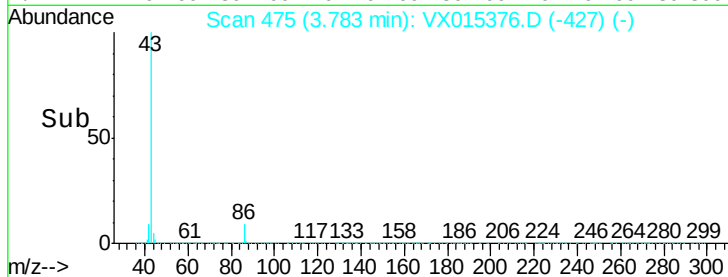
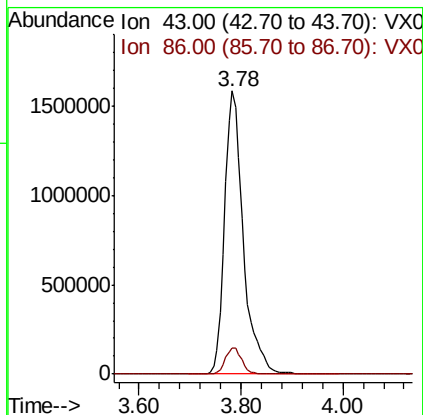
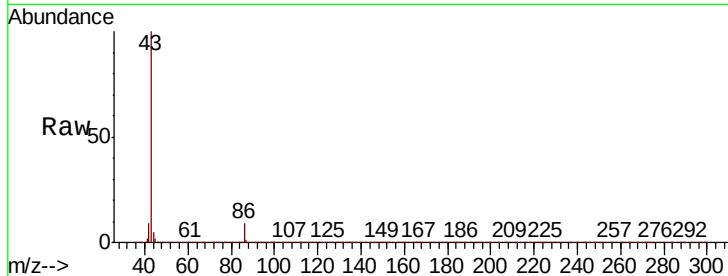
86 9.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.197 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

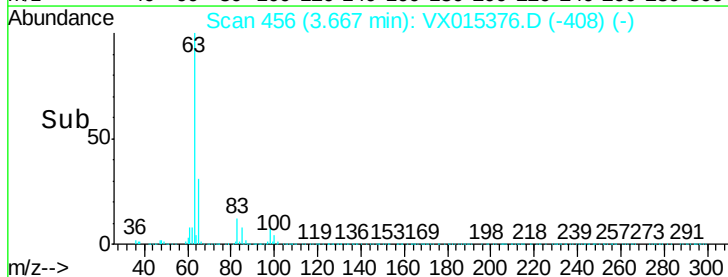
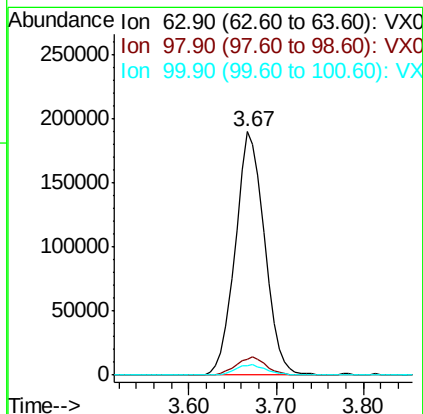
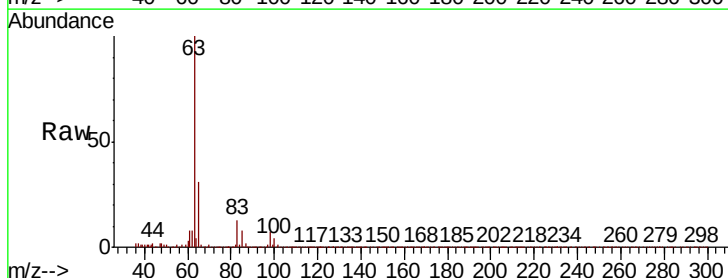
Tgt Ion: 63 Resp: 438190

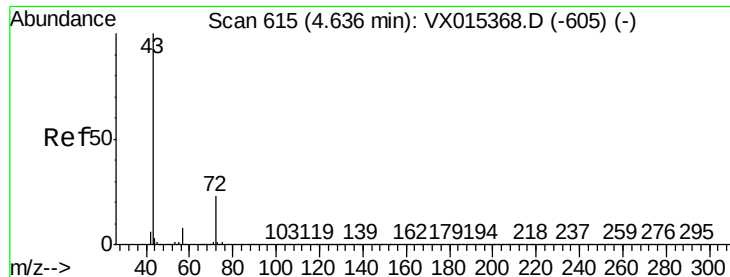
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 87.930 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tot Ion: 43 Resp: 1002514

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

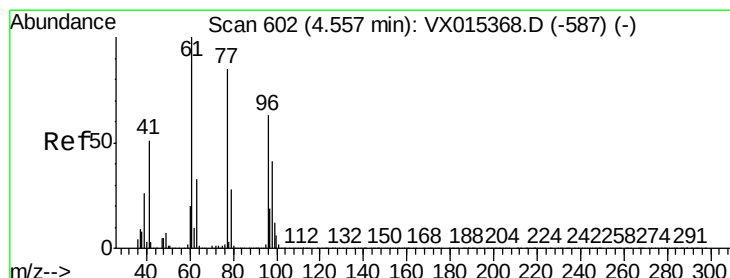
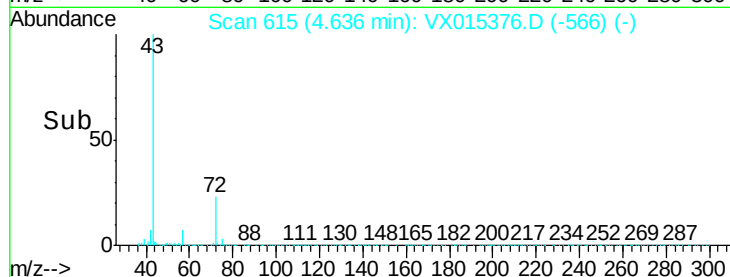
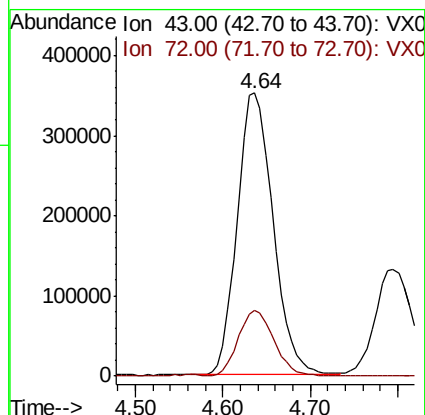
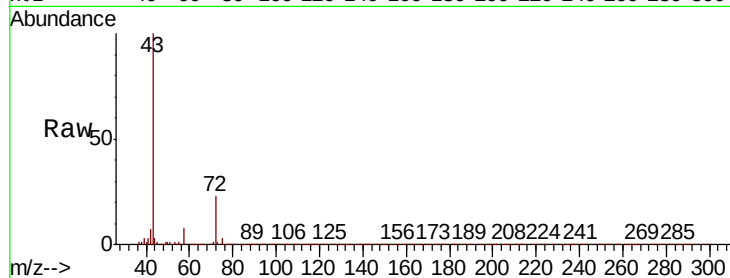
VX0327WBSD01

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#26

2,2-Dichloropropane

Concen: 20.090 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015376.D

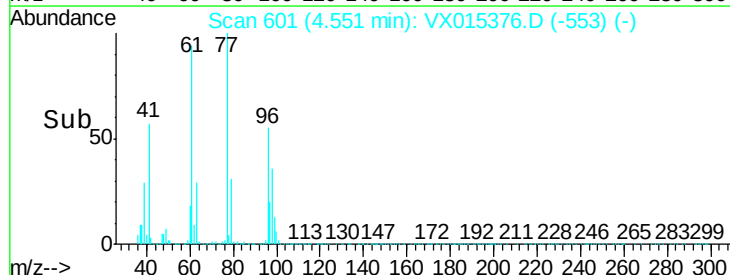
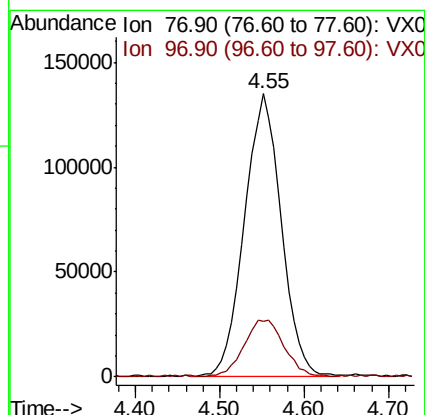
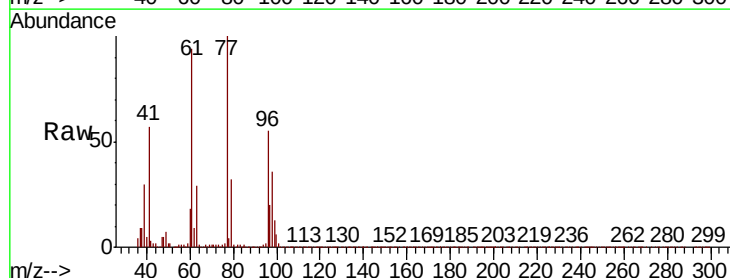
Acq: 27 Mar 2020 12:57

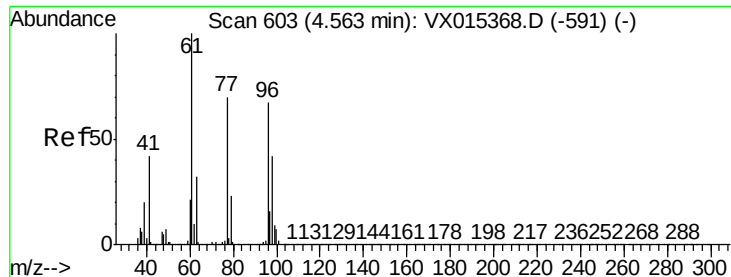
Tgt Ion: 77 Resp: 397090

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8





#27

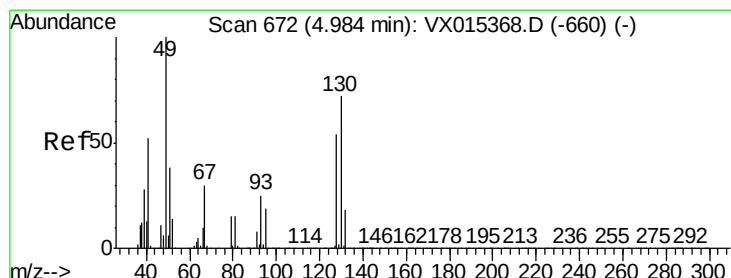
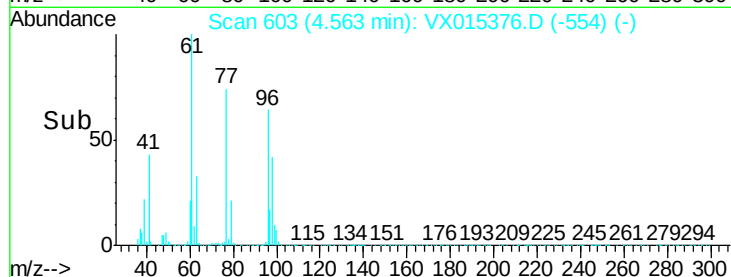
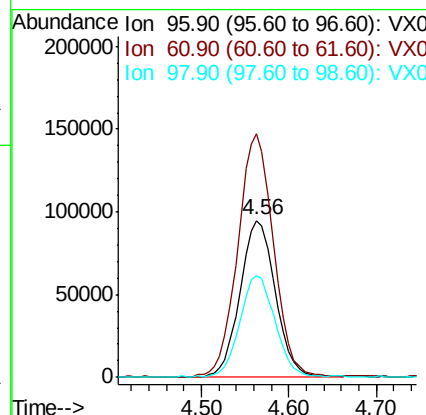
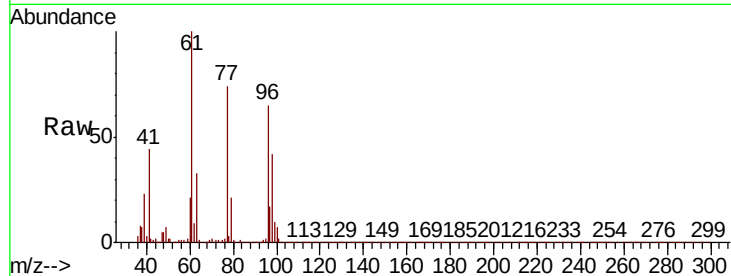
cis-1,2-Dichloroethene
Concen: 18.686 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265029		
61	157.1	0.0	308.4	
98	64.9	0.0	129.2	

Manual Integrations
APPROVED

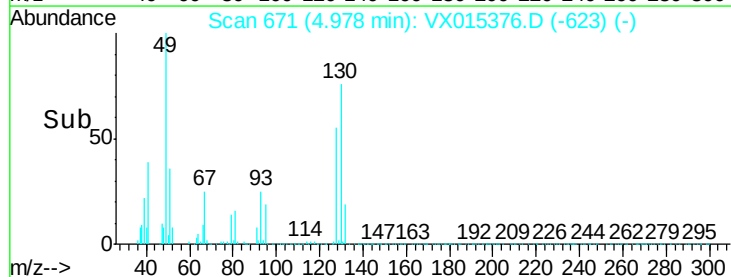
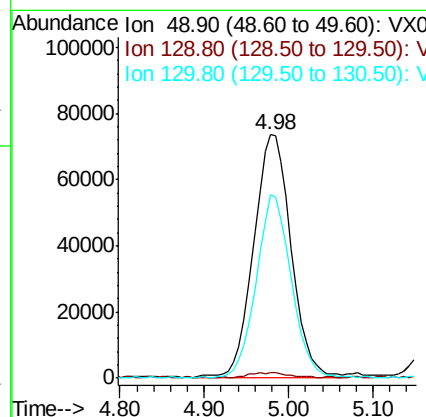
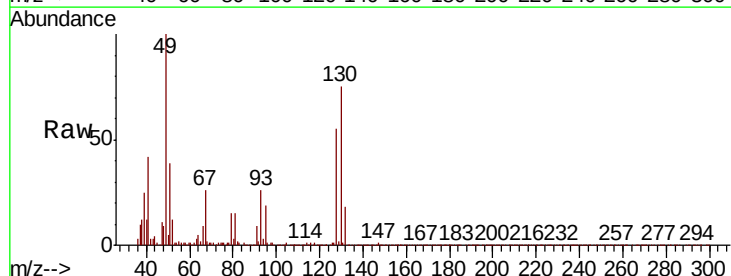
apatel
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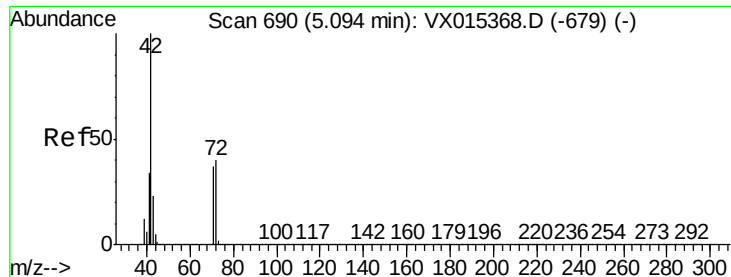


#28

Bromochloromethane
Concen: 19.362 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	222609		
129	2.5	0.0	4.4	
130	71.8	57.7	86.5	





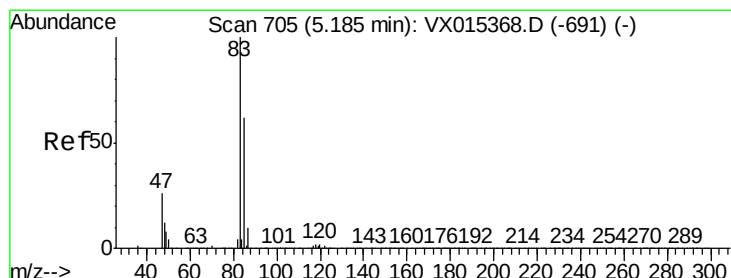
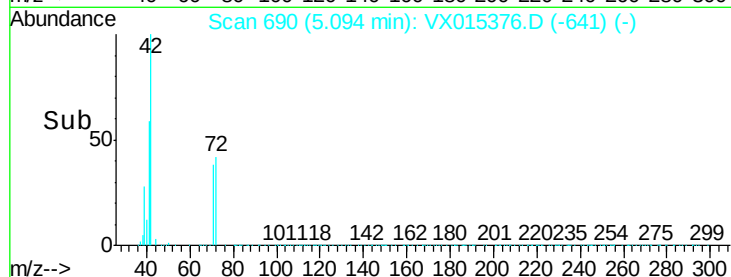
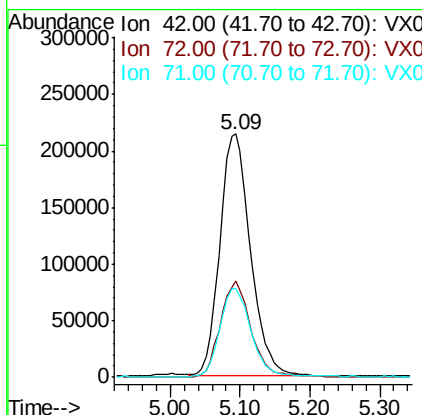
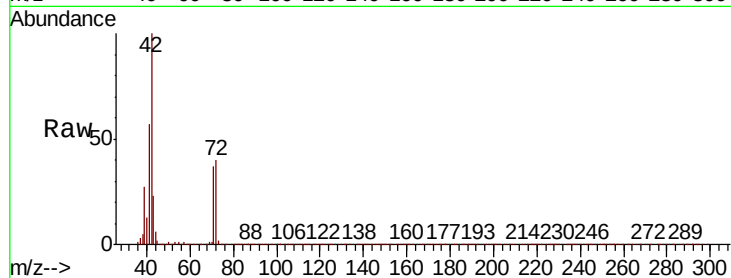
#29
Tetrahydrofuran
Concen: 88.742 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	650440		
72	72	39.6		31.7	47.5
71	71	36.9		29.6	44.4

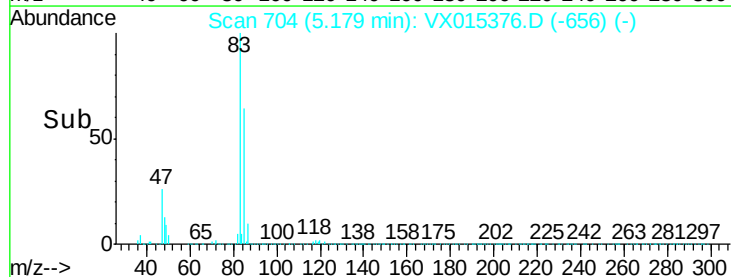
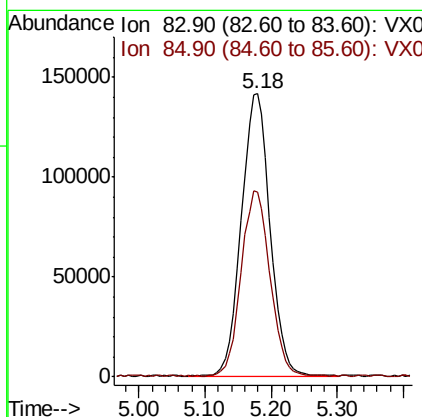
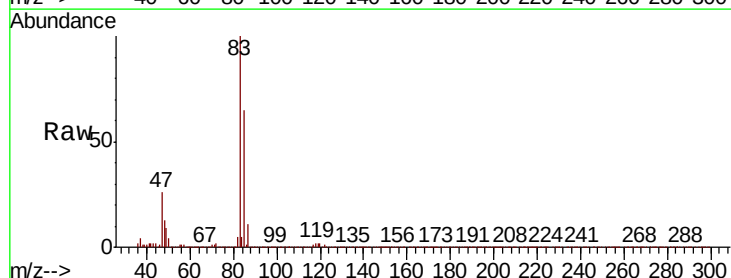
Manual Integrations
APPROVED

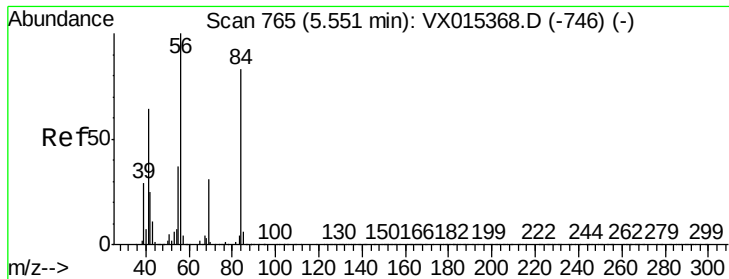
apatel
3/30/2020 2:59:35 PM



#30
Chloroform
Concen: 18.392 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	426087		
85	85	65.3		49.5	74.3





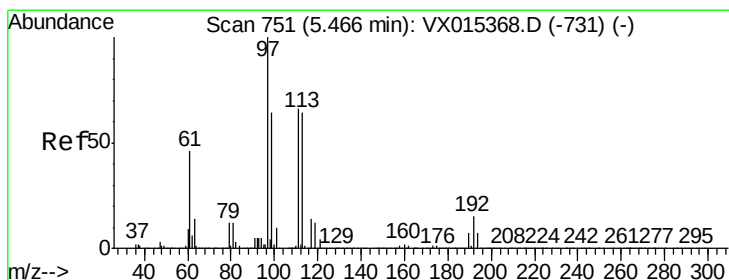
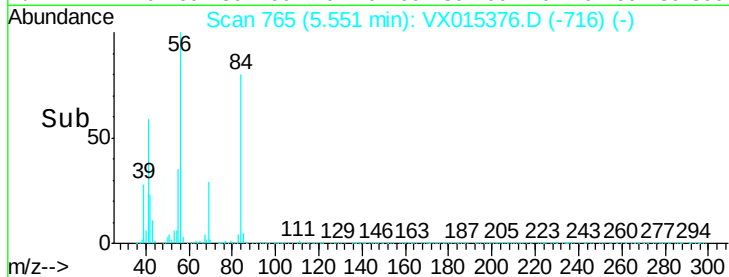
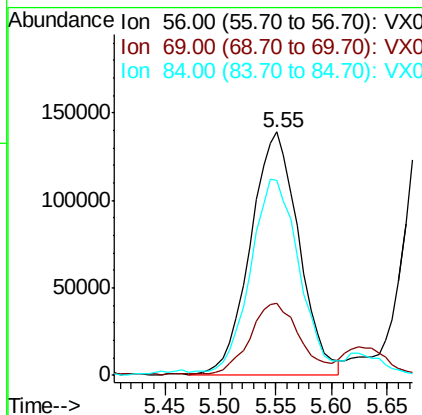
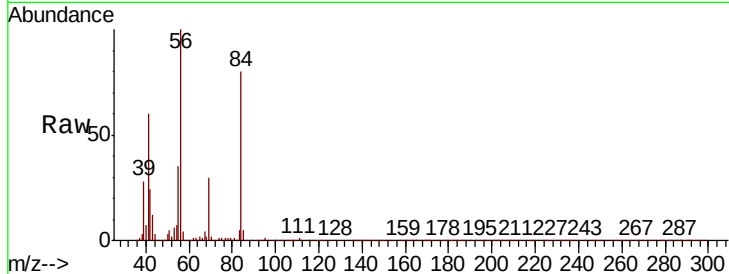
#31
Cyclohexane
Concen: 19.977 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	78.8	66.1	99.1

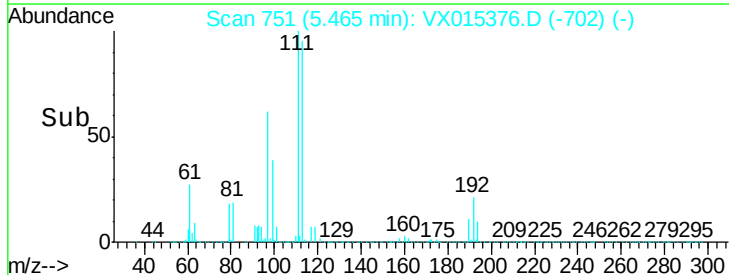
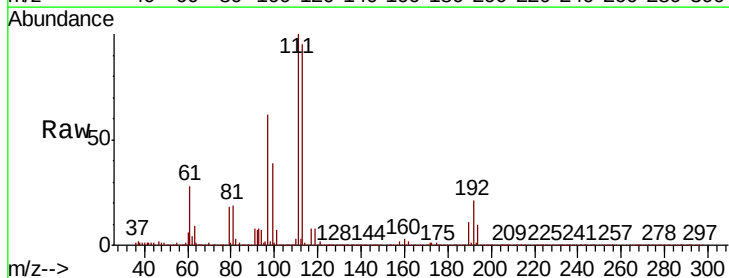
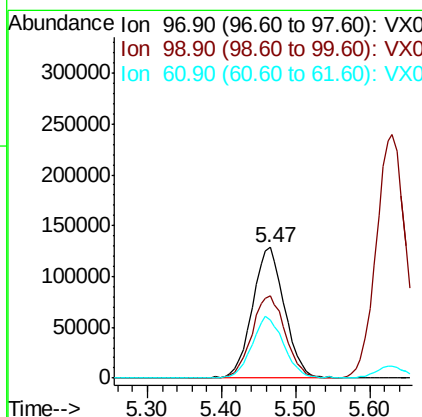
Manual Integrations
APPROVED

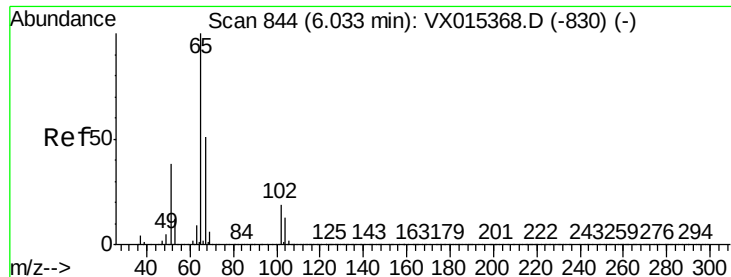
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#32
1,1,1-Trichloroethane
Concen: 18.394 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.4
61	46.1	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.868 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 65 Resp: 756885

Ion Ratio Lower Upper

65 100

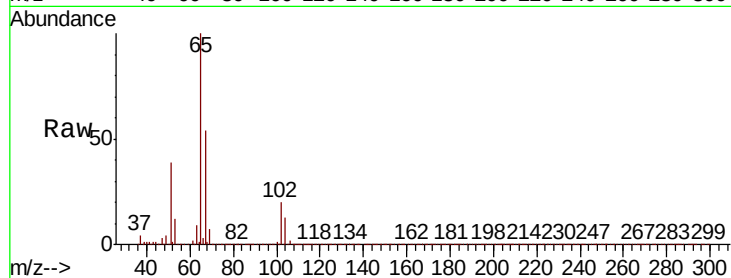
67 51.5 0.0 102.6

Manual Integrations

APPROVED

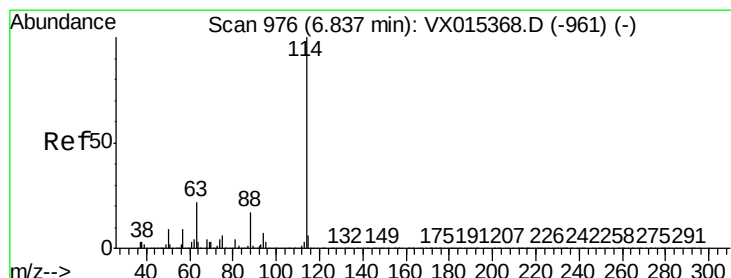
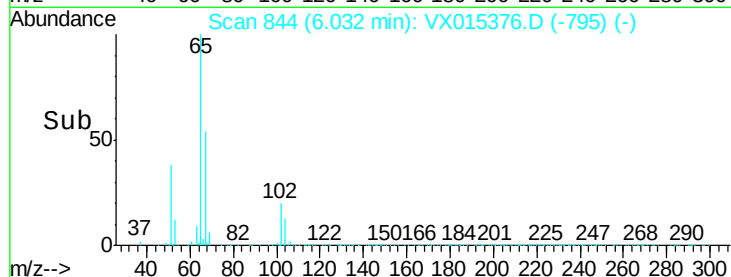
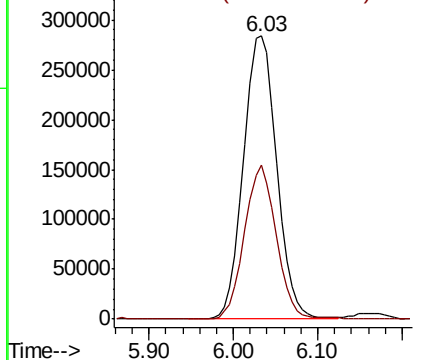
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

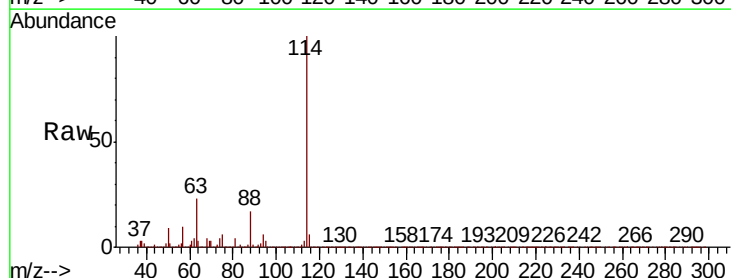
Tgt Ion: 114 Resp: 1788080

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

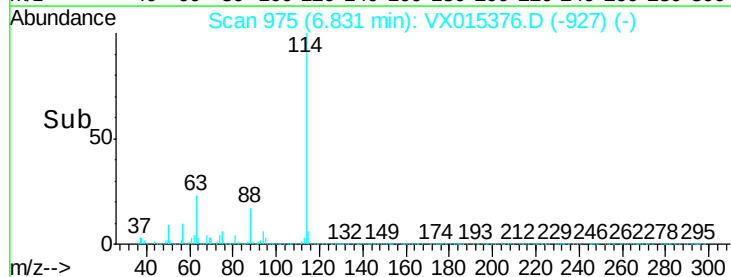
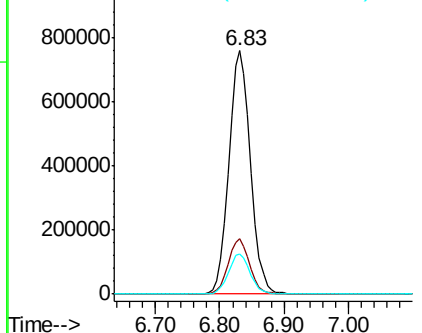
88 16.5 0.0 33.8

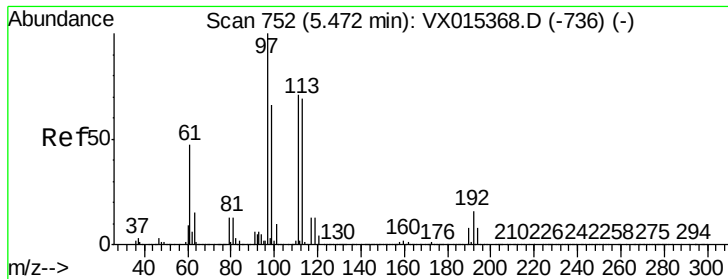


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





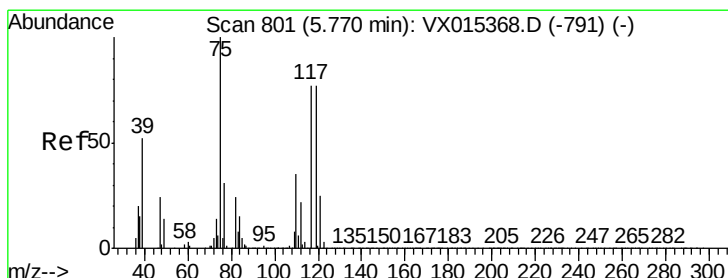
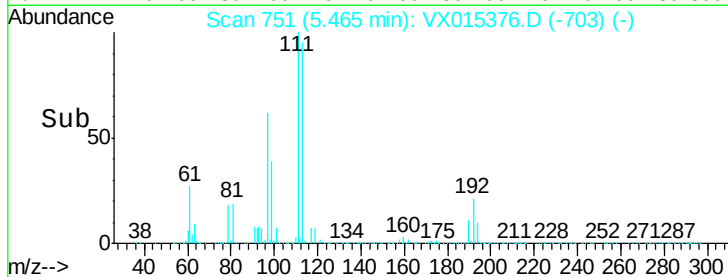
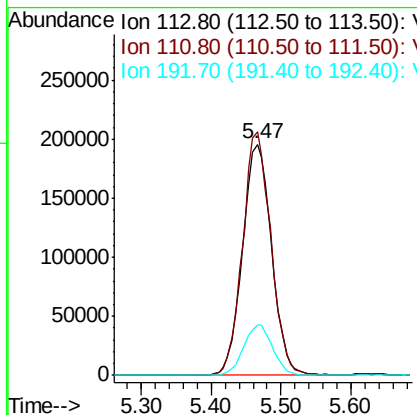
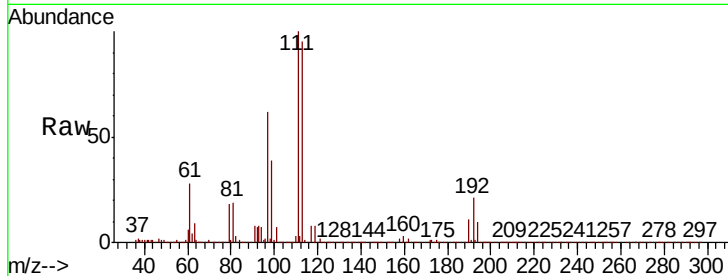
#35
 Dibromofluoromethane
 Concen: 49.414 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	564795		
111	102.1	81.5	122.3	
192	21.7	17.8	26.6	

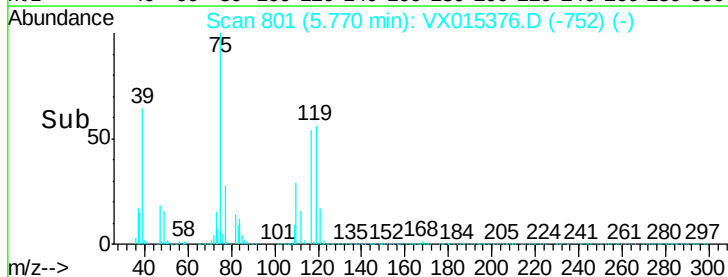
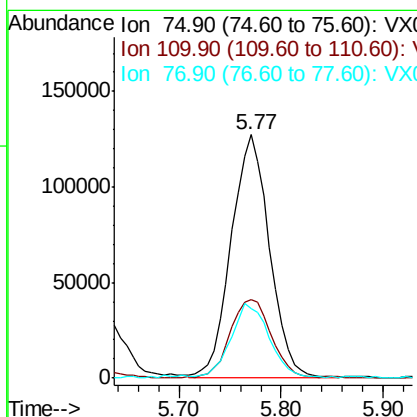
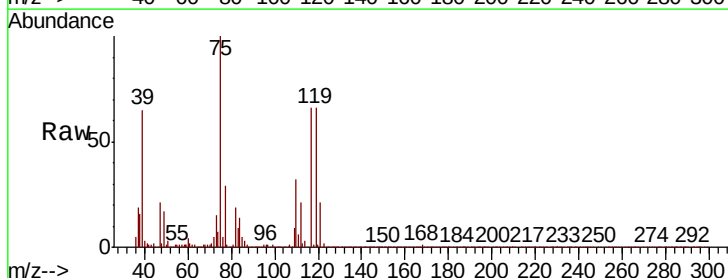
Manual Integrations
 APPROVED

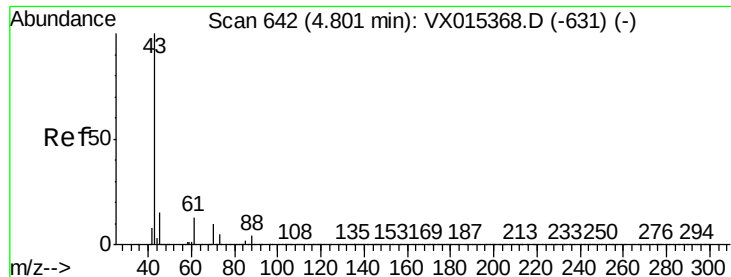
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.955 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	328763		
110	34.8	17.1	51.3	
77	30.6	24.6	36.8	





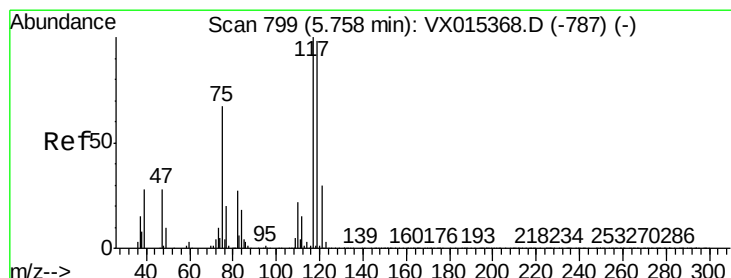
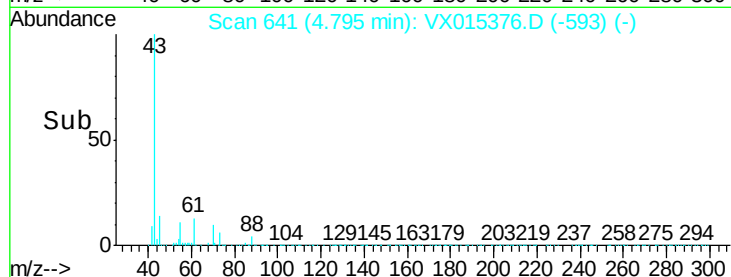
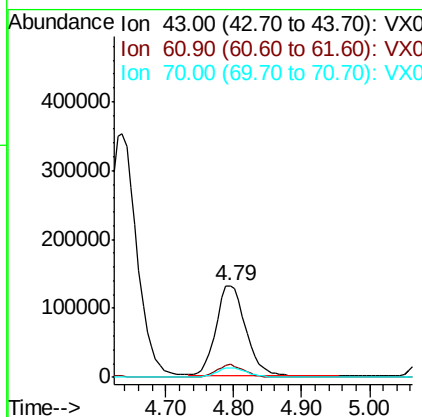
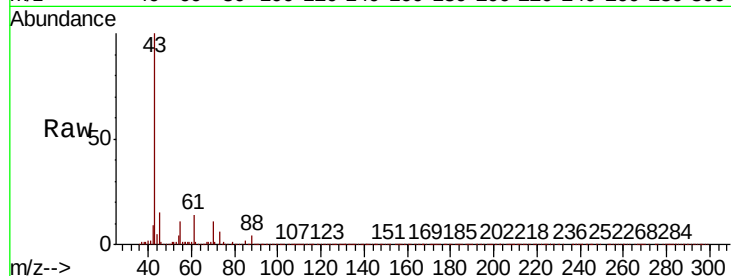
#37
Ethyl Acetate
Concen: 18.874 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	9.9	8.1	12.1

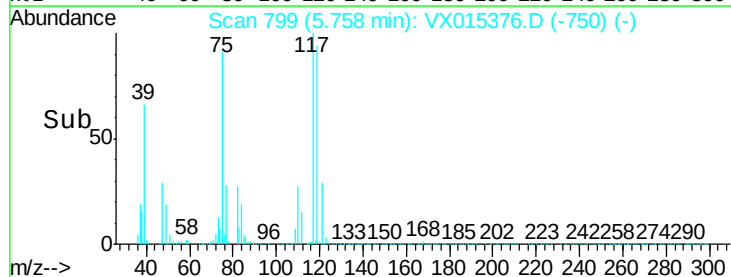
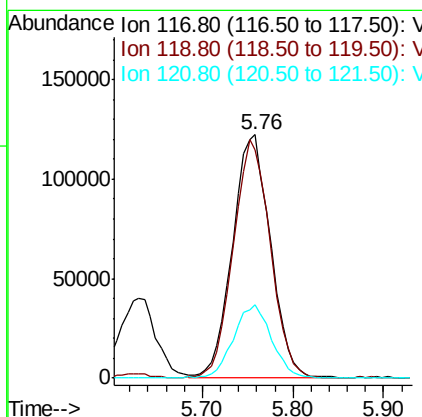
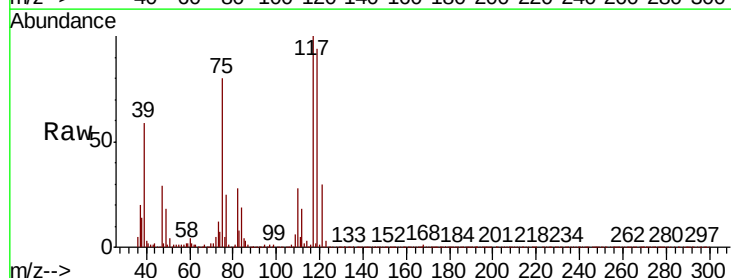
Manual Integrations
APPROVED

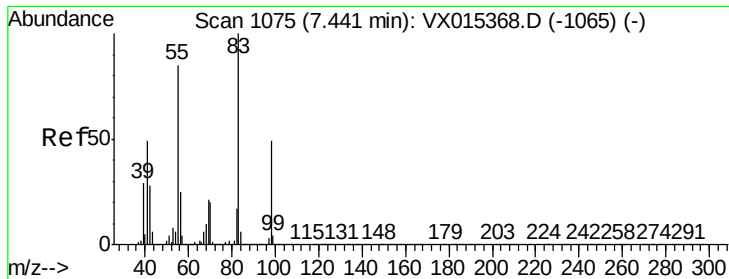
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#38
Carbon Tetrachloride
Concen: 19.855 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.0	117.0
121	29.8	23.8	35.8





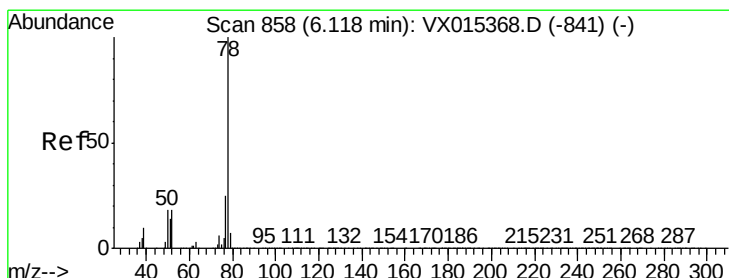
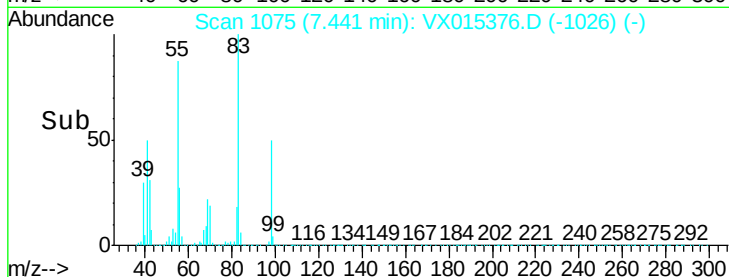
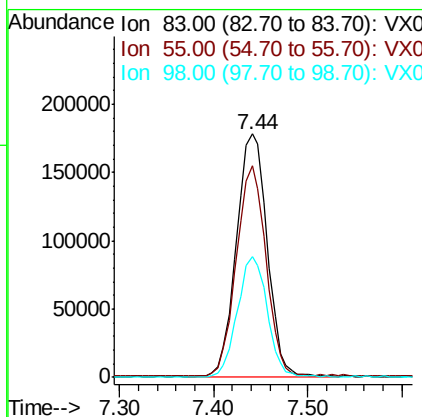
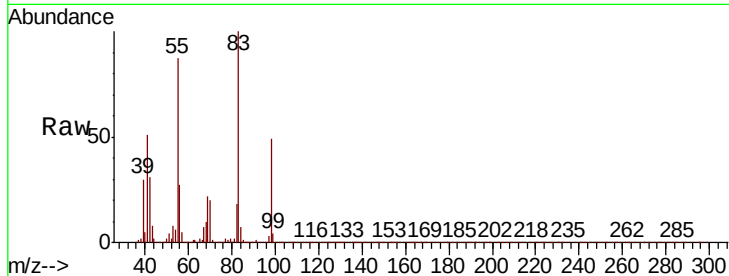
#39
Methylvlcyclohexane
Concen: 21.255 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.7	67.8	101.6
98	49.3	39.3	58.9

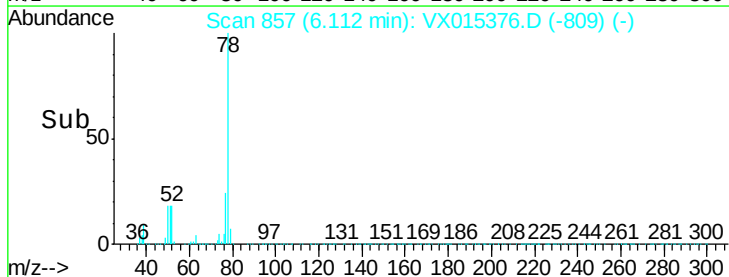
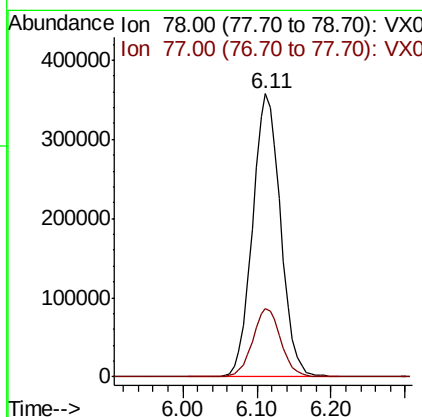
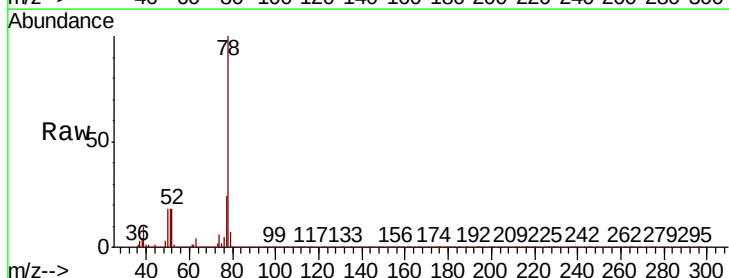
Manual Integrations
APPROVED

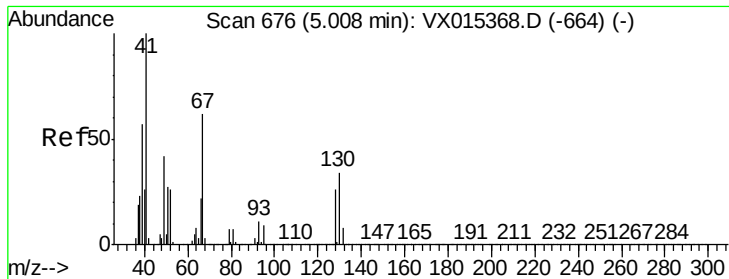
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#40
Benzene
Concen: 19.489 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8





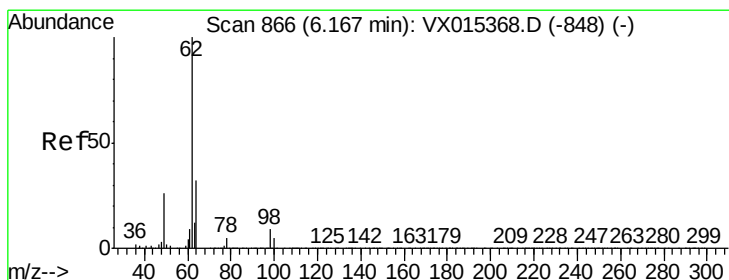
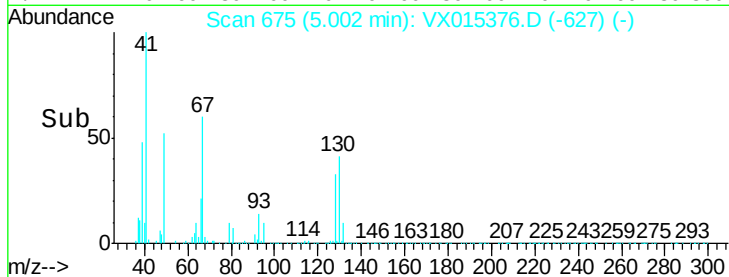
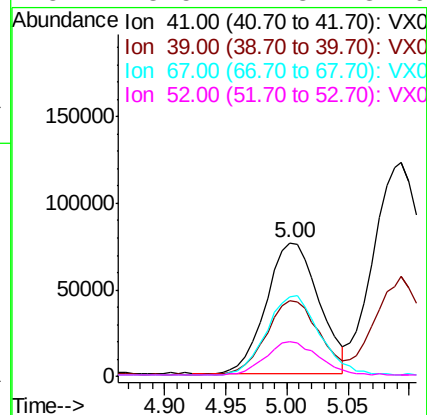
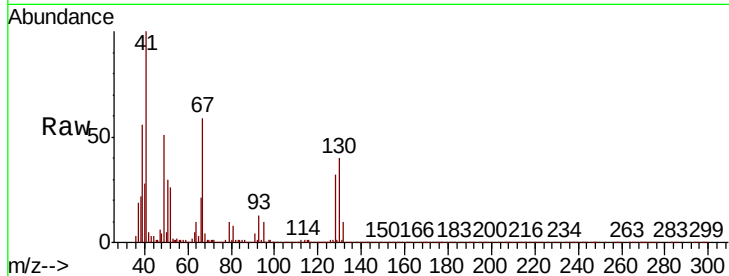
#41
Methacrylonitrile
Concen: 19.159 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	44.5	66.7	
67	61.7	48.9	73.3	
52	28.5	21.8	32.6	

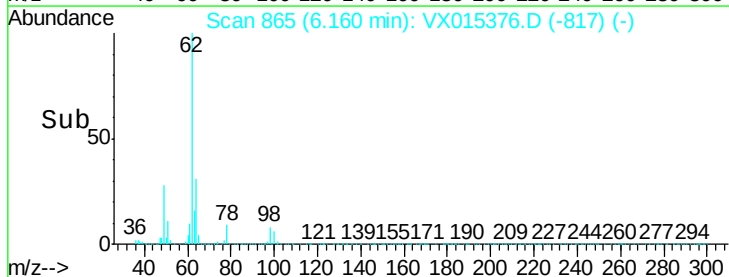
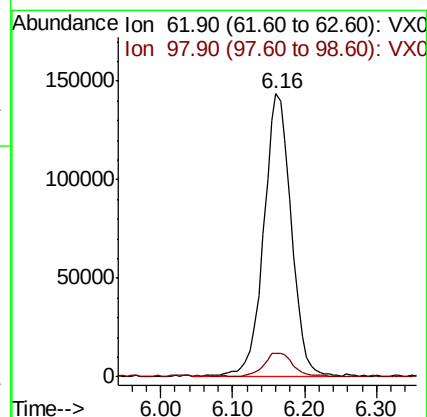
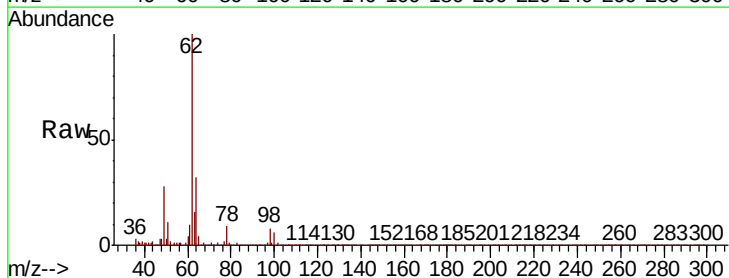
Manual Integrations
APPROVED

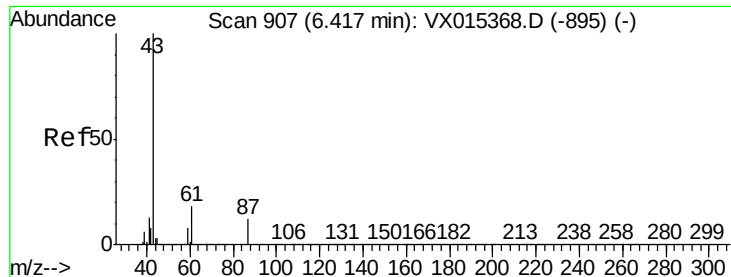
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#42
1,2-Dichloroethane
Concen: 19.726 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

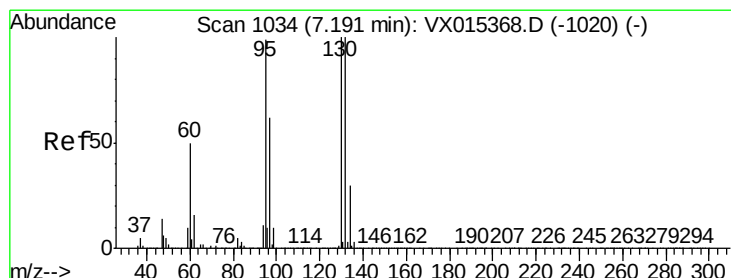
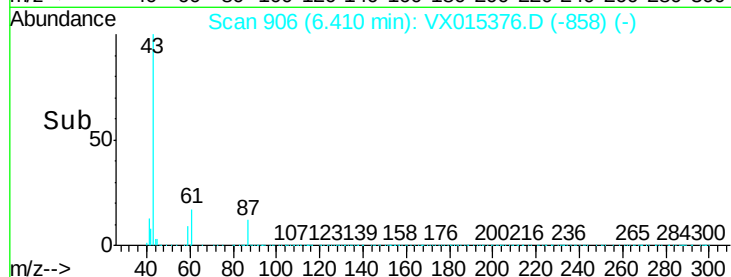
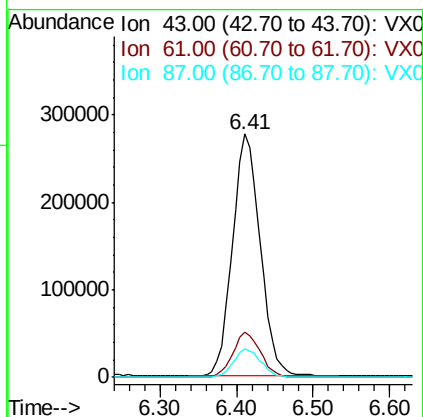
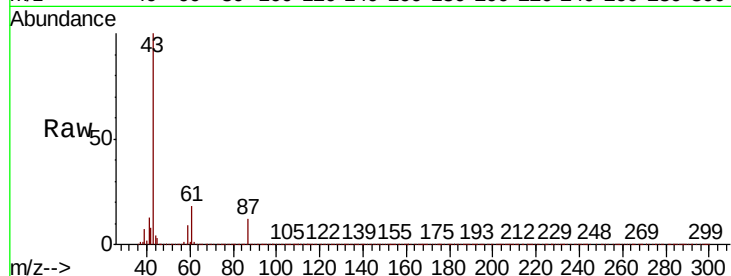
Isopropyl Acetate
 Concen: 19.086 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	11.4	9.4	14.0

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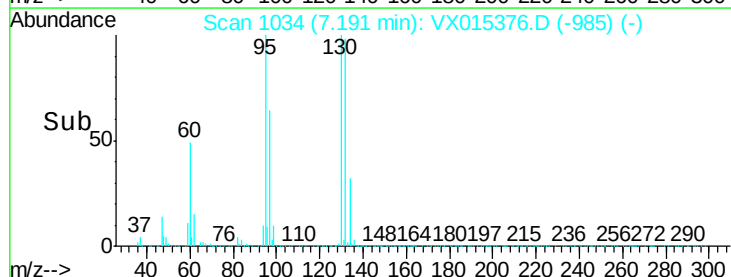
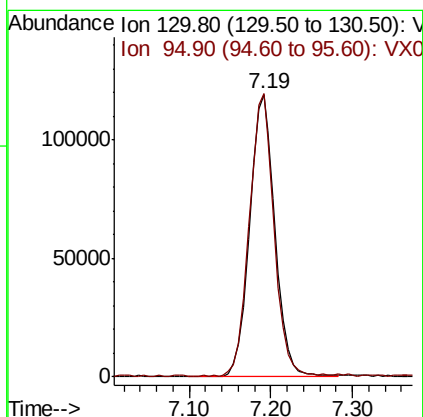
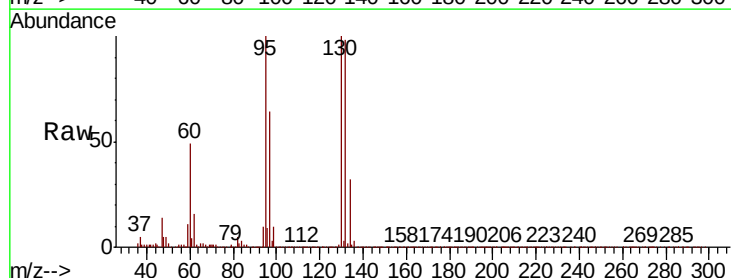
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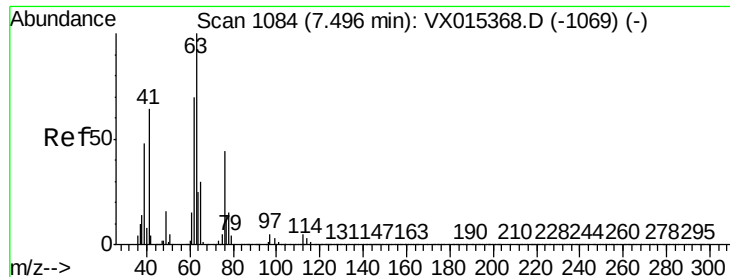


#44

Trichloroethene
 Concen: 19.554 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	199.0





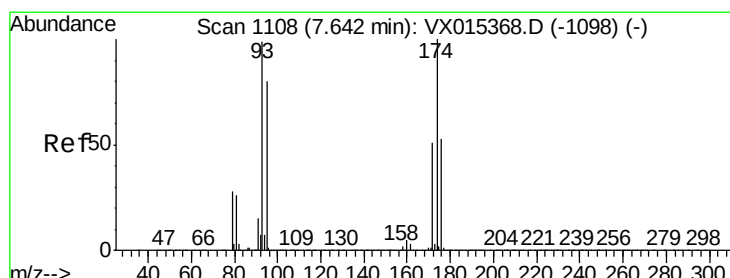
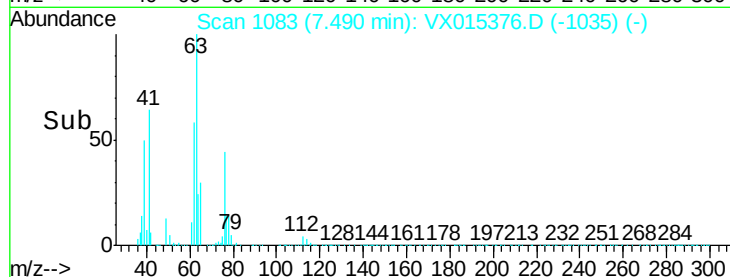
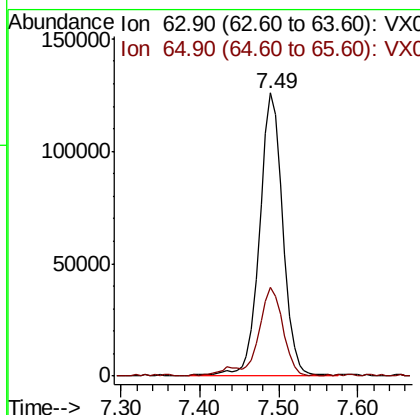
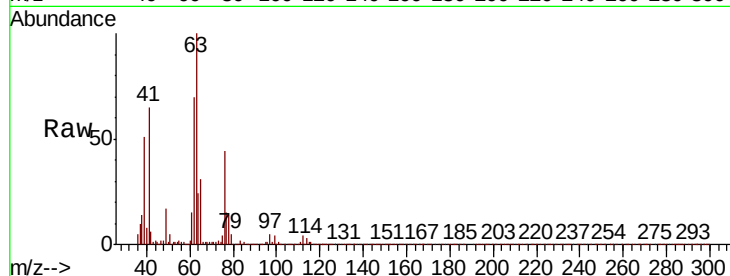
#45
 1,2-Dichloropropane
 Concen: 19.345 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.9	35.9

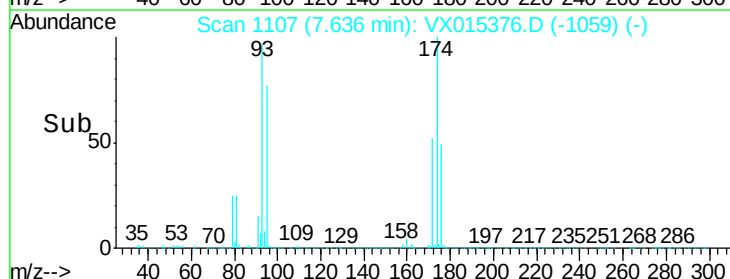
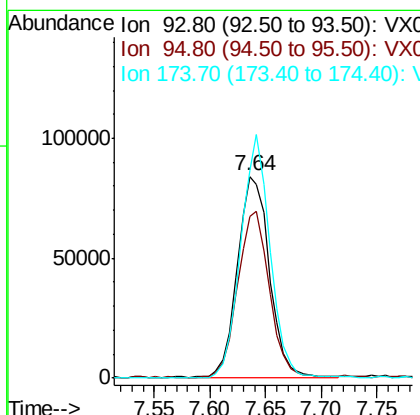
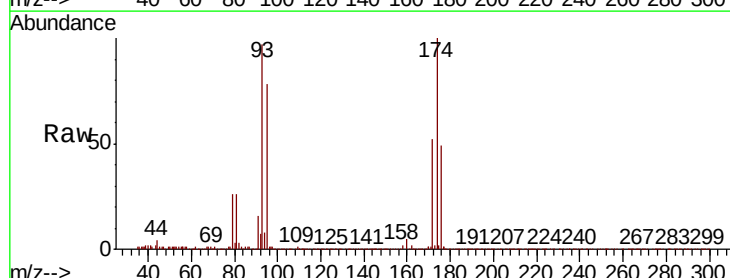
Manual Integrations
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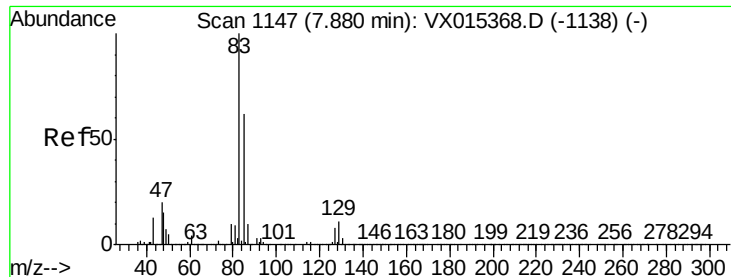
apatel
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#46
 Dibromomethane
 Concen: 19.329 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	65.8	98.8
174	110.0	86.2	129.2





#47

Bromodichloromethane

Concen: 19.298 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

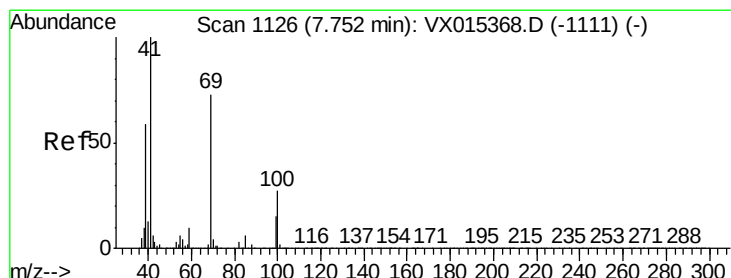
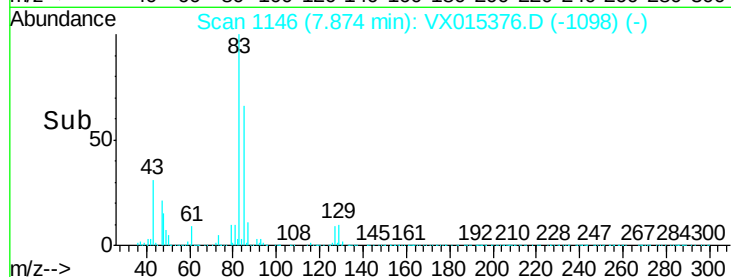
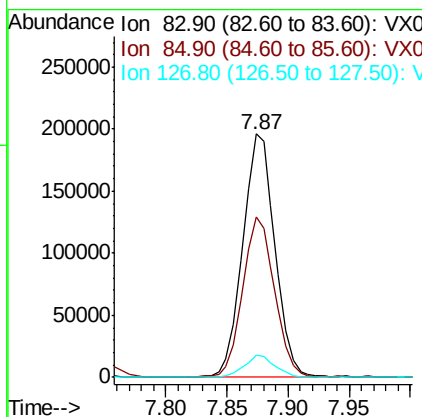
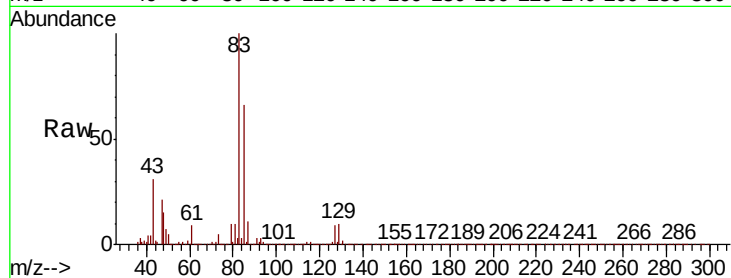
ClientSampleId :

VX0327WBSD01

Tot Ion:	83	Resp:	356117
Ion Ratio	Lower	Upper	
83	100		
85	65.5	49.7	74.5
127	8.9	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.996 ug/l

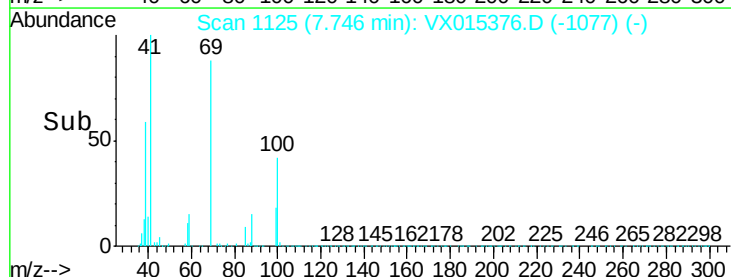
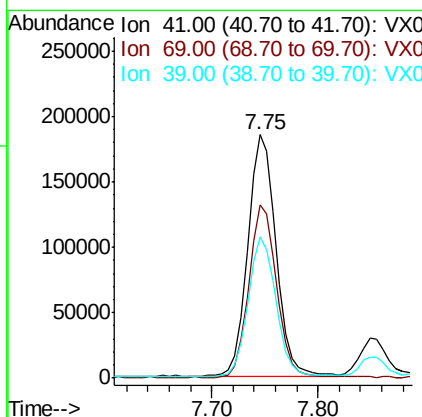
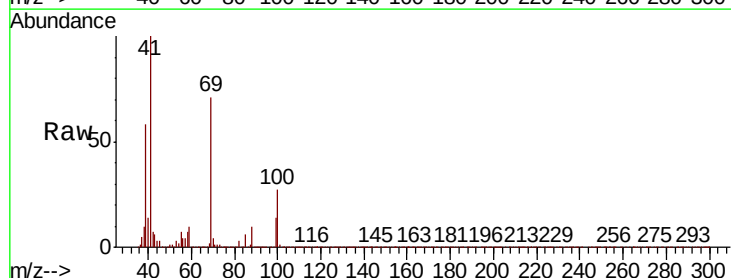
RT: 7.75 min Scan# 1125

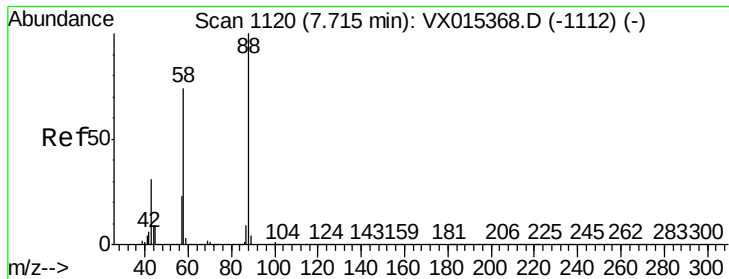
Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	41	Resp:	343591
Ion Ratio	Lower	Upper	
41	100		
69	70.0	56.7	85.1
39	57.2	46.5	69.7





#49

1,4-Dioxane

Concen: 388.447 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

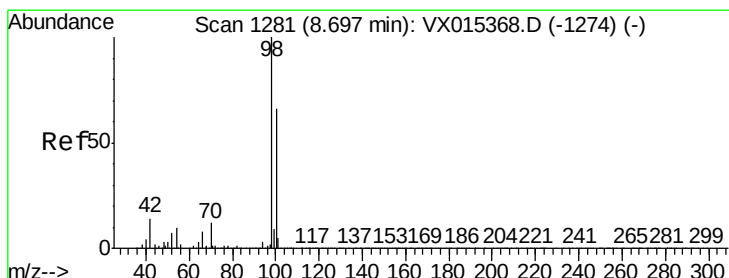
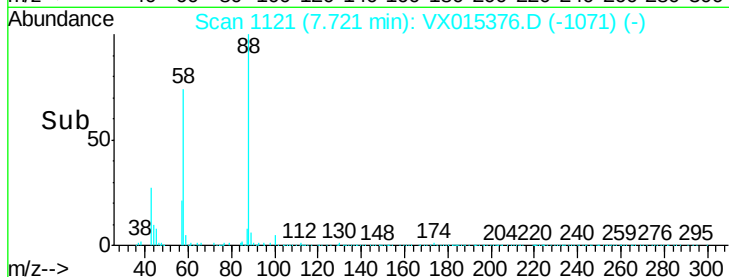
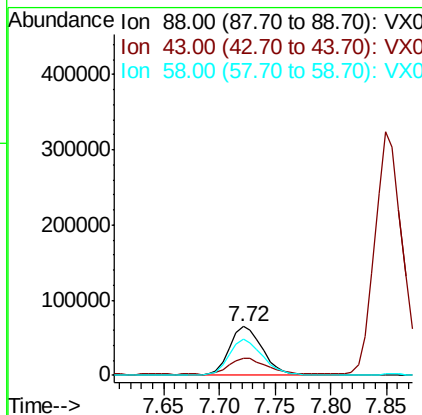
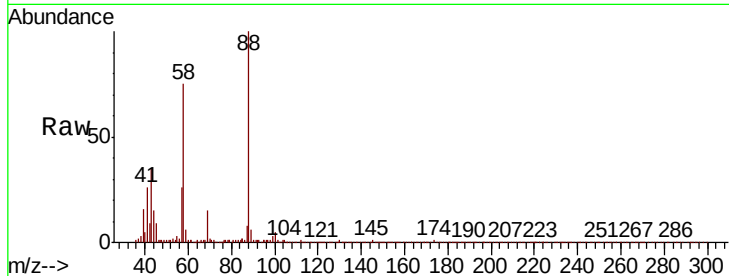
ClientSampleId :

VX0327WBSD01

Tot Ion:	88	Resp:	131074
Ion Ratio	Lower	Upper	
88	100		
43	38.9	30.1	45.1
58	75.0	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 48.947 ug/l

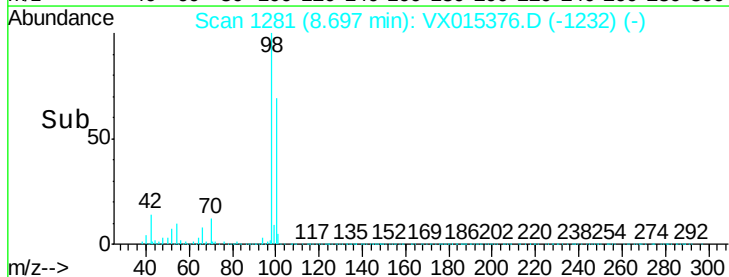
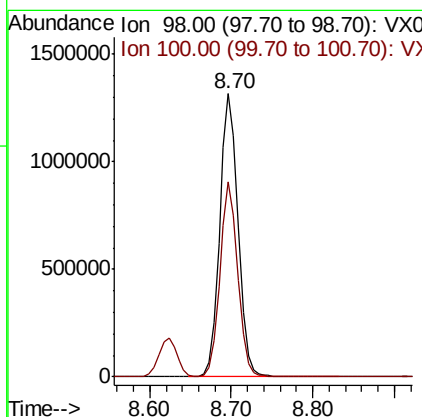
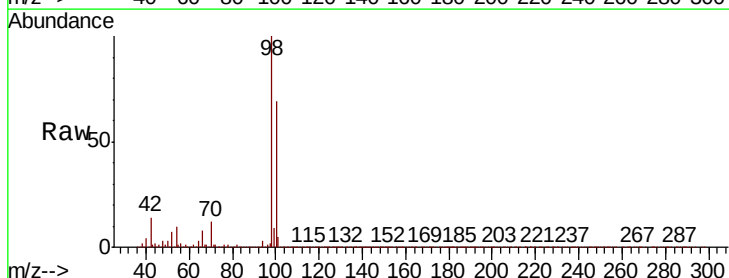
RT: 8.70 min Scan# 1281

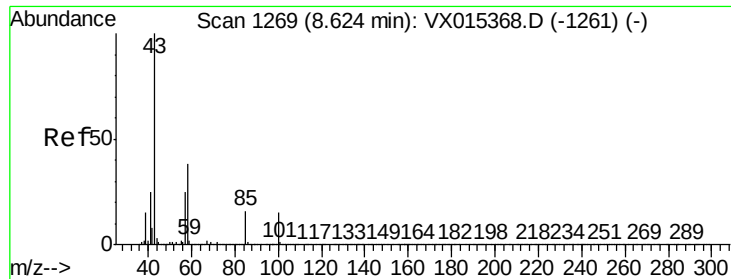
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	98	Resp:	2059782
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.5	80.3





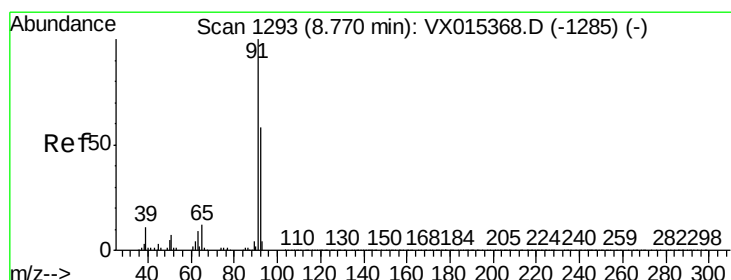
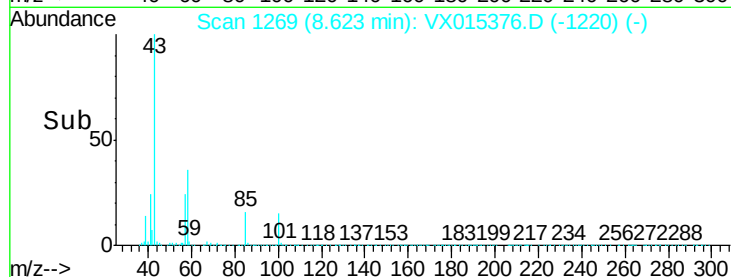
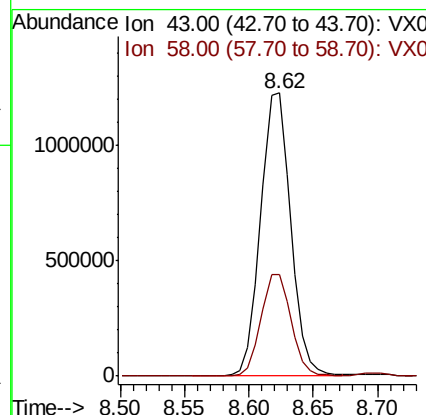
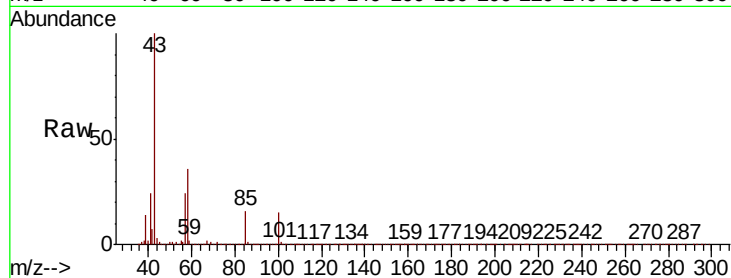
#51
4-Methyl-2-Pentanone
Concen: 96.595 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 43 Resp: 1982373
Ion Ratio Lower Upper
43 100
58 36.1 29.7 44.5

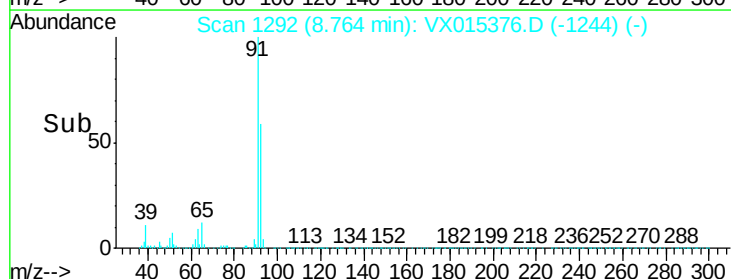
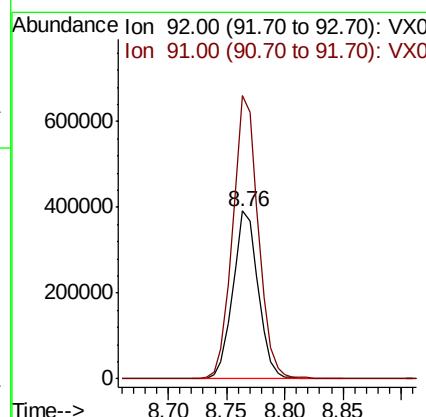
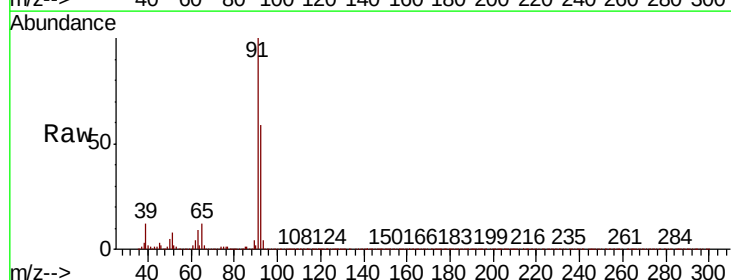
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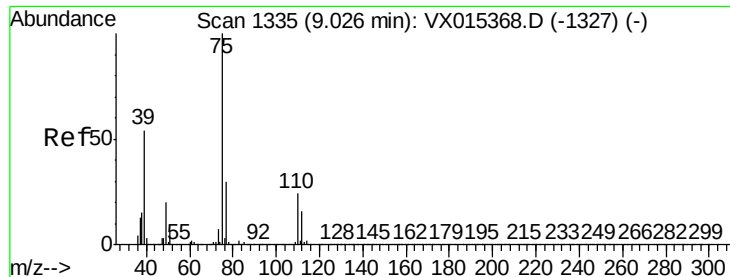
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#52
Toluene
Concen: 20.016 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 92 Resp: 595542
Ion Ratio Lower Upper
92 100
91 169.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.482 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 75 Resp: 421646

Ion Ratio Lower Upper

75 100

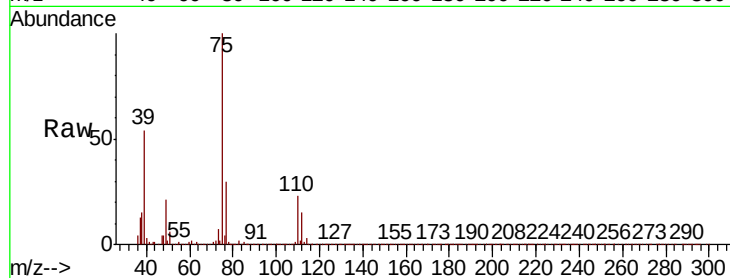
77 29.5 24.1 36.1

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

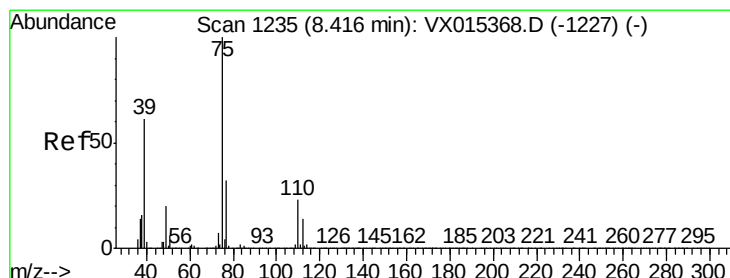
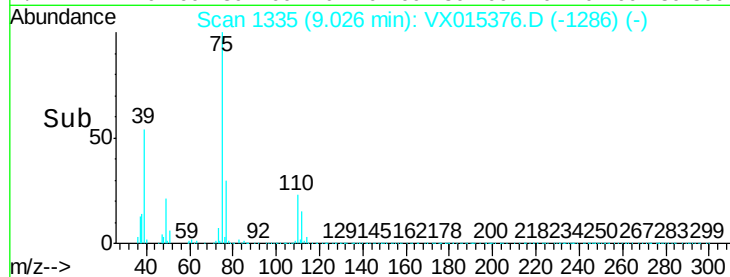
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.822 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

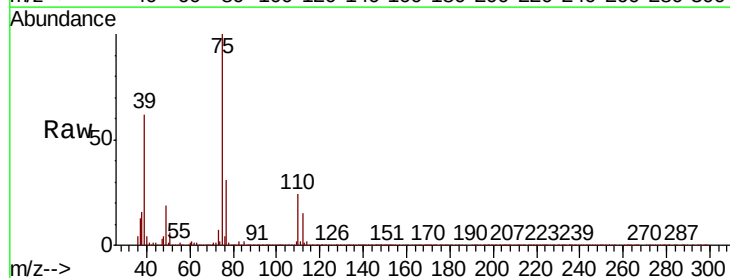
Tgt Ion: 75 Resp: 436995

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 61.8 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

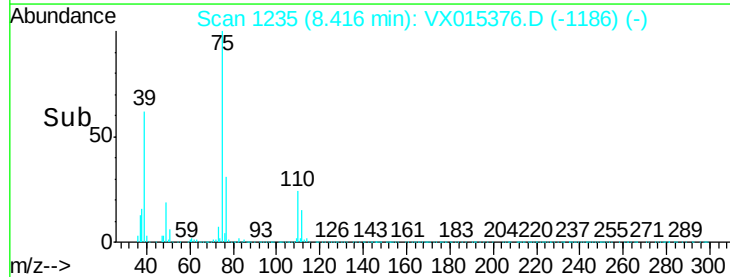
300000

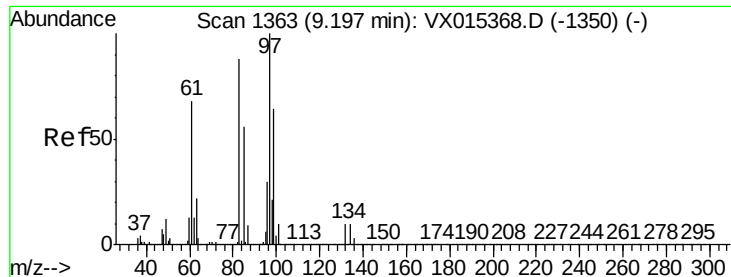
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.547 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

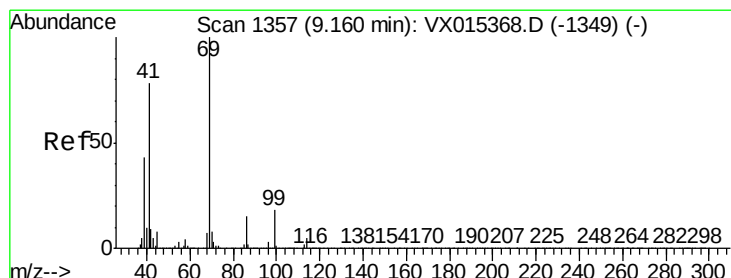
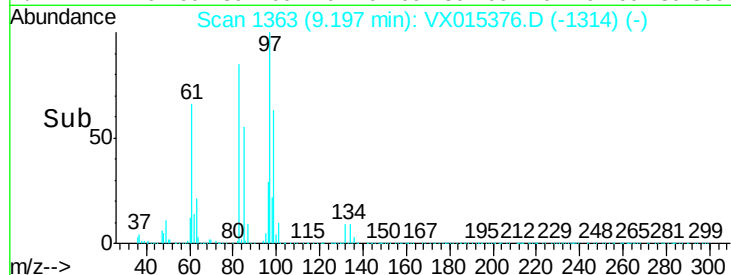
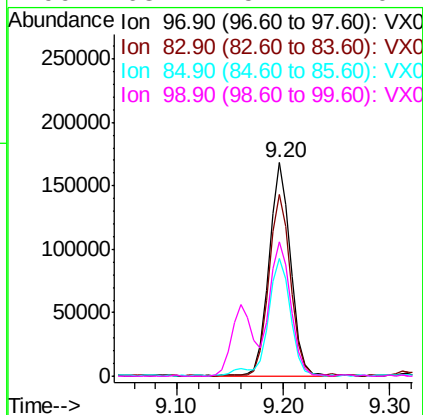
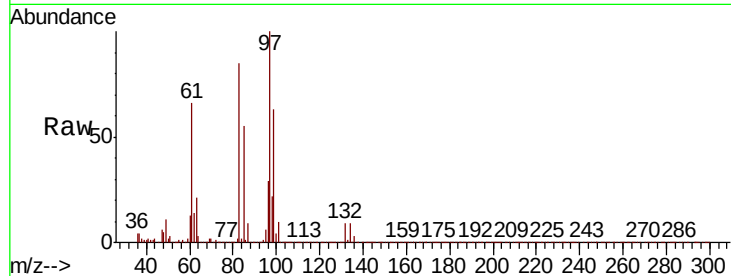
ClientSampleId :

VX0327WBSD01

Tot Ion:	97	Resp:	238281
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.4
85	55.0	44.7	67.1
99	63.2	51.1	76.7

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#56

Ethyl methacrylate

Concen: 19.062 ug/l

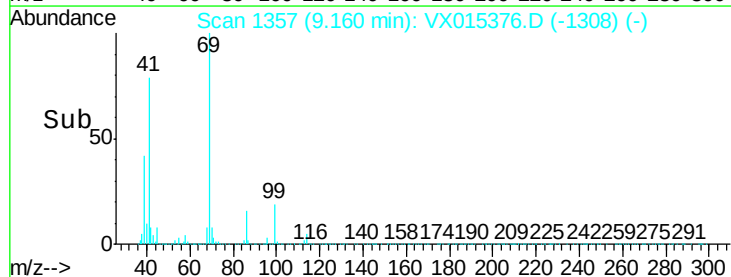
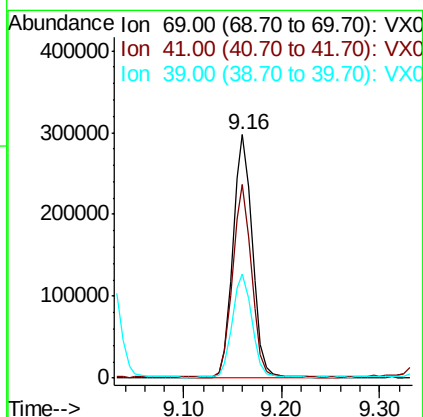
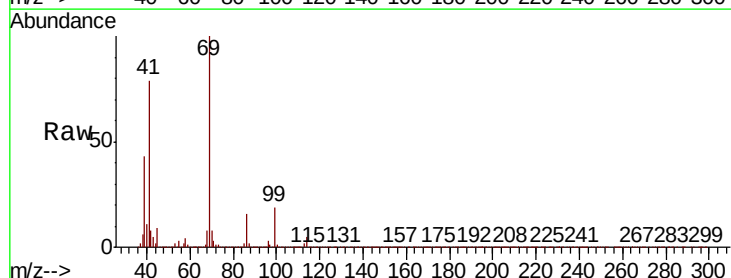
RT: 9.16 min Scan# 1357

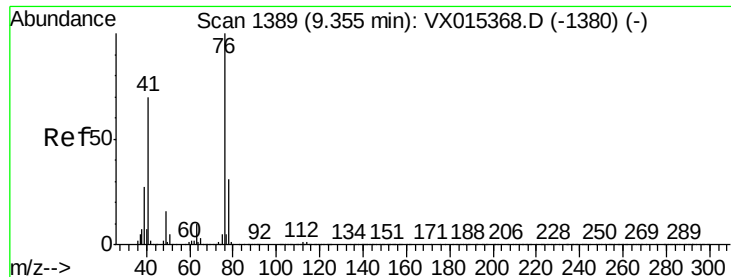
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	69	Resp:	409526
Ion	Ratio	Lower	Upper
69	100		
41	77.1	61.6	92.4
39	43.3	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.027 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 76 Resp: 417885

Ion Ratio Lower Upper

76 100

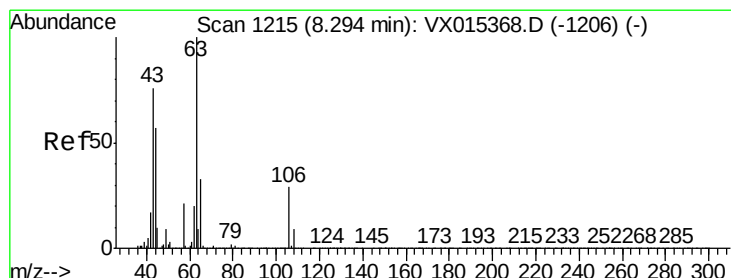
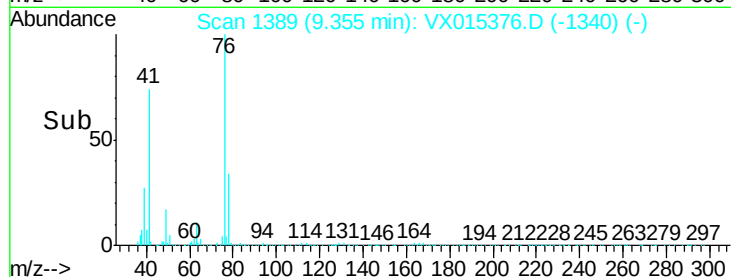
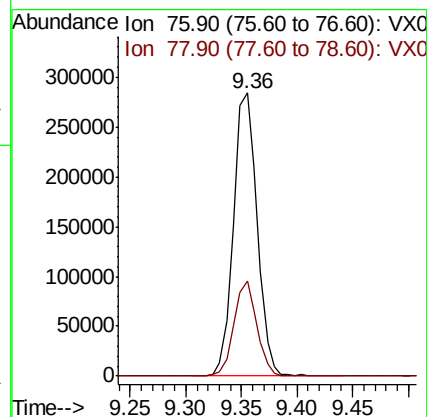
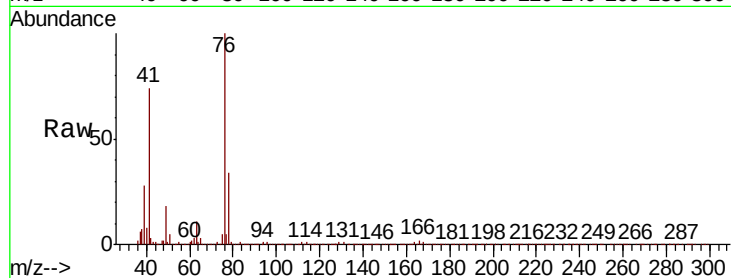
78 32.5 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 97.056 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015376.D

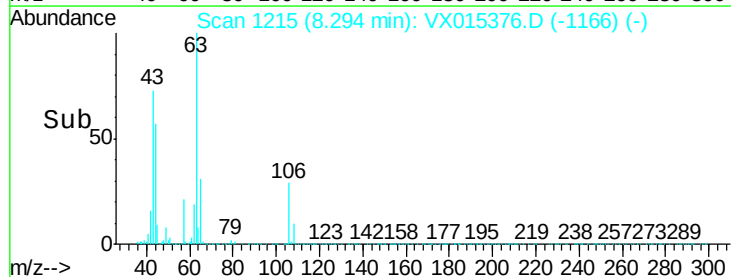
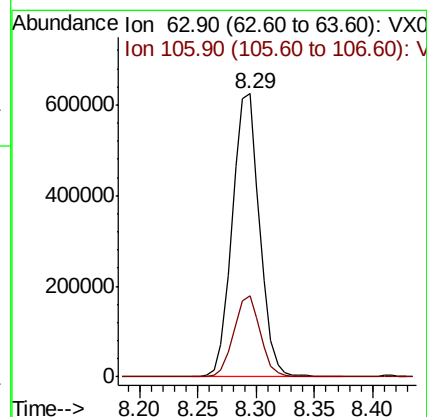
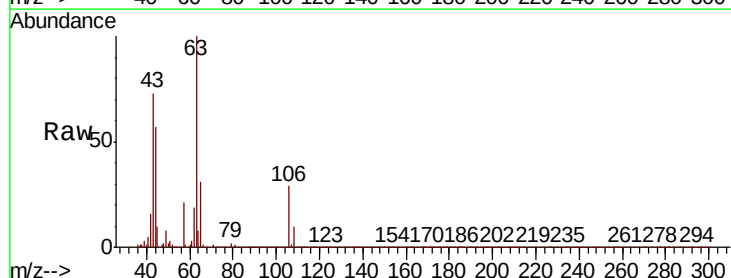
Acq: 27 Mar 2020 12:57

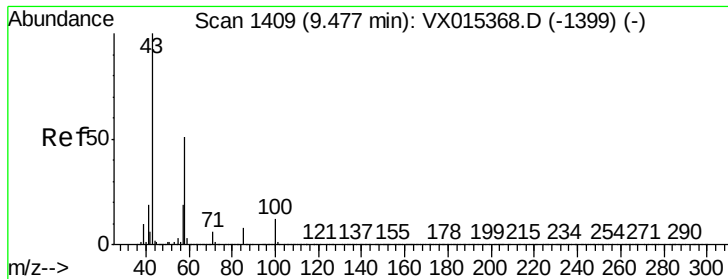
Tgt Ion: 63 Resp: 1014215

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1





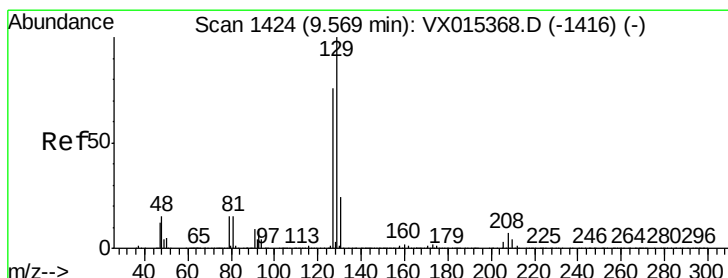
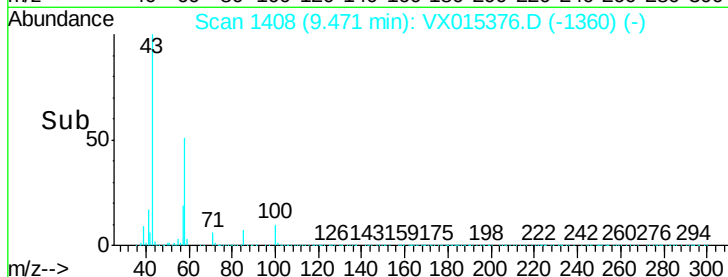
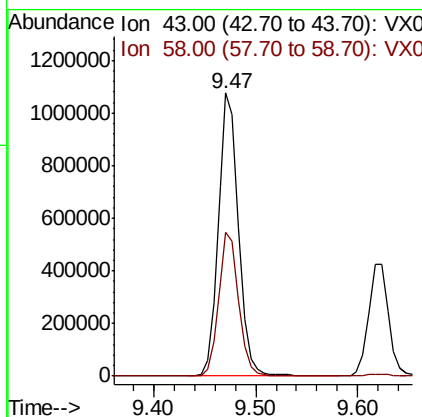
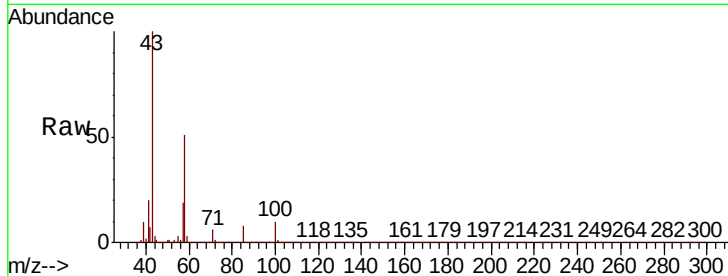
#59
2-Hexanone
Concen: 95.134 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 43 Resp: 1474021
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6

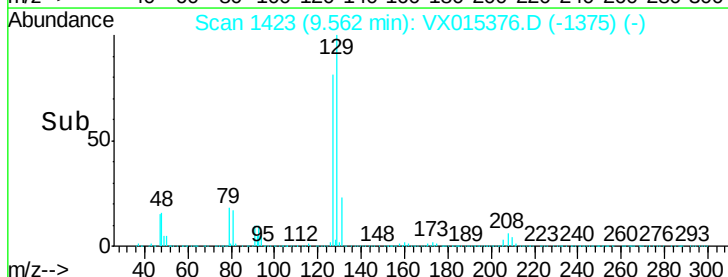
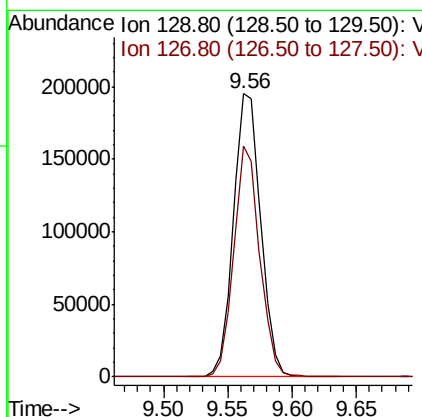
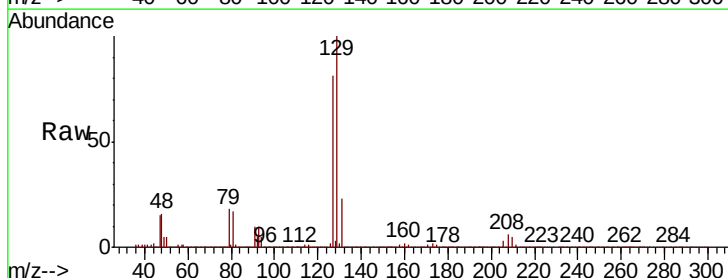
Manual Integrations
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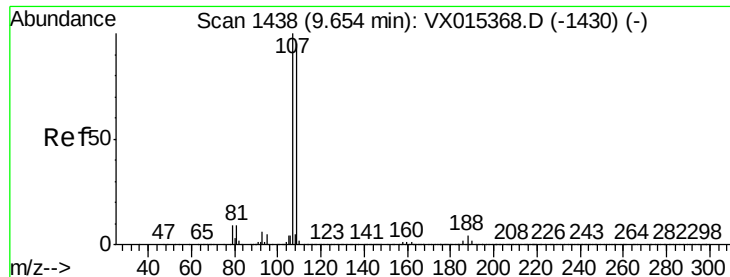
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#60
Dibromochloromethane
Concen: 19.693 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 129 Resp: 288461
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





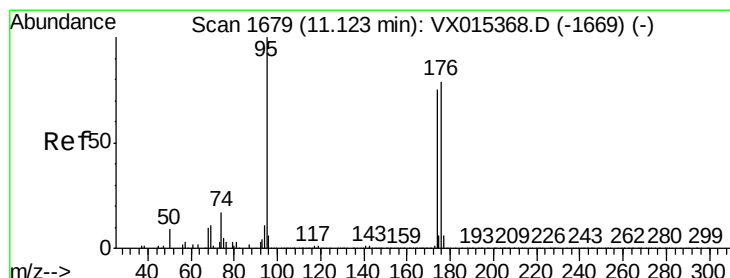
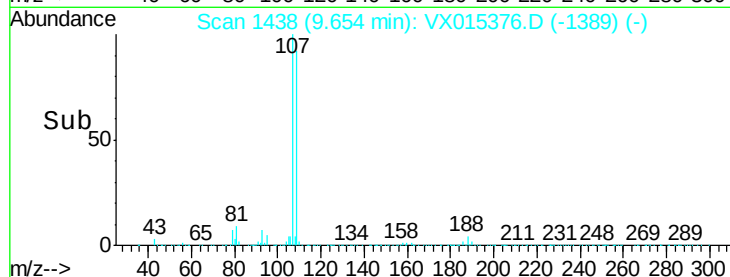
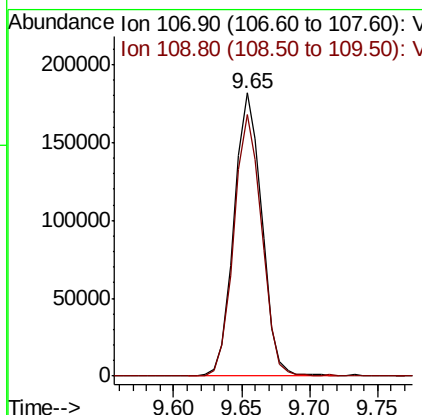
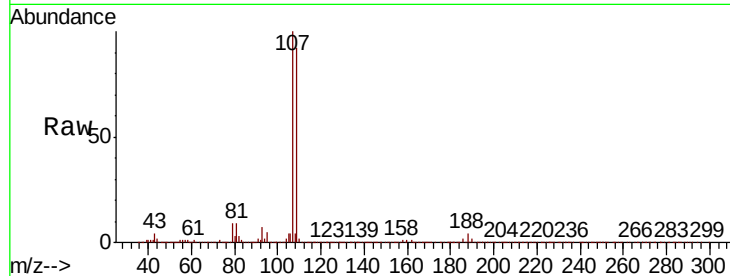
#61
 1,2-Dibromoethane
 Concen: 19.557 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	259224		
109	91.5	74.8	112.2	

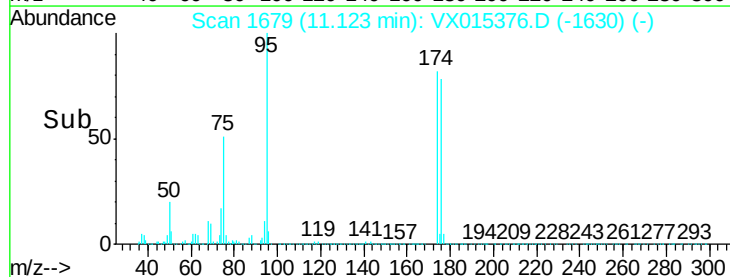
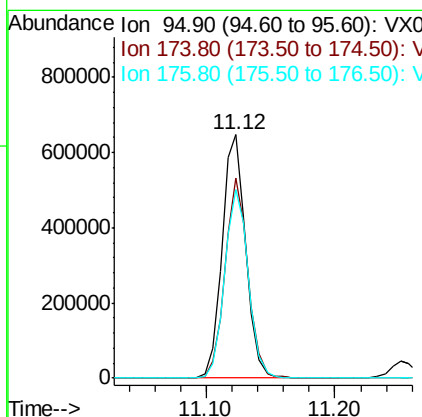
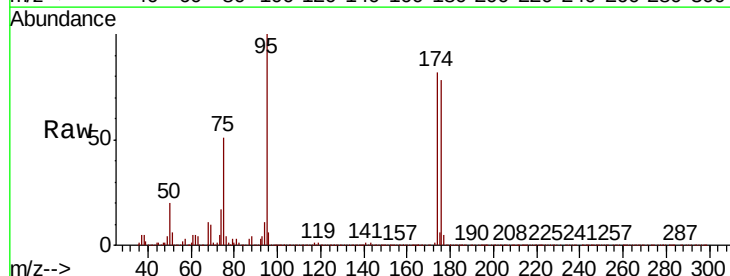
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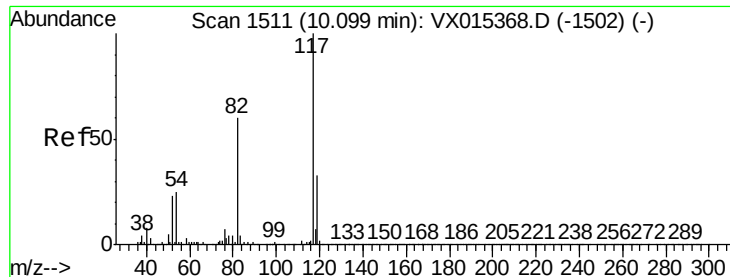
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.625 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	831584		
174	79.8	0.0	158.6	
176	77.9	0.0	159.0	





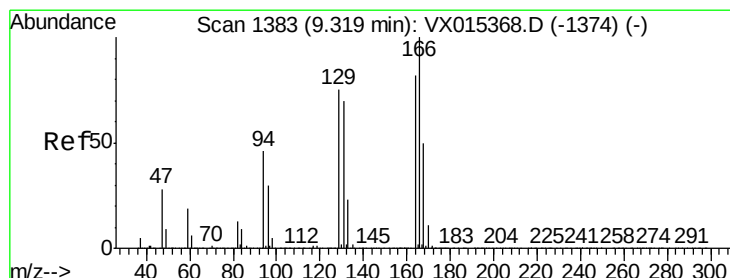
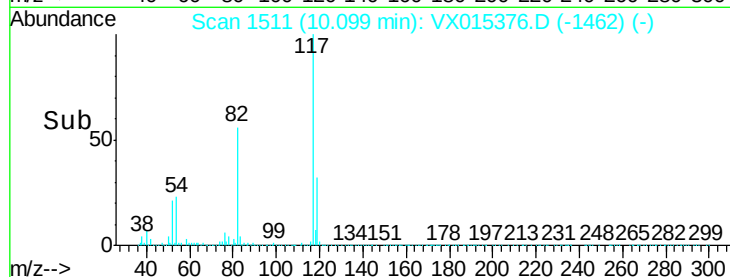
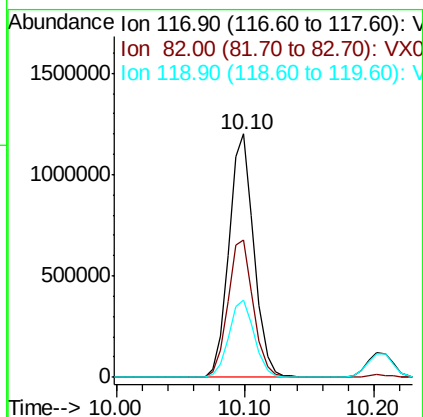
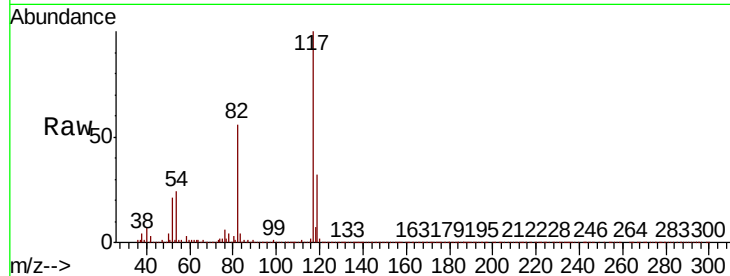
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.8
119	31.7	26.8	40.2

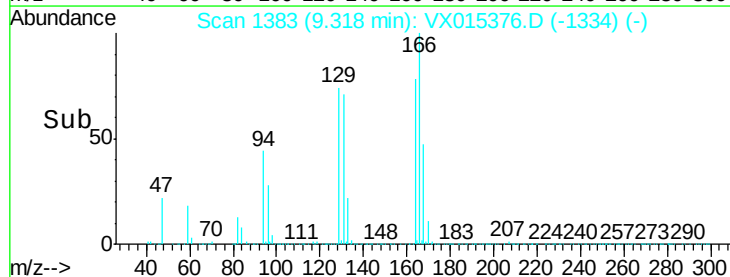
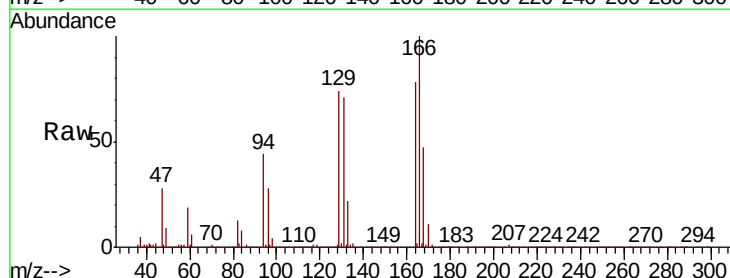
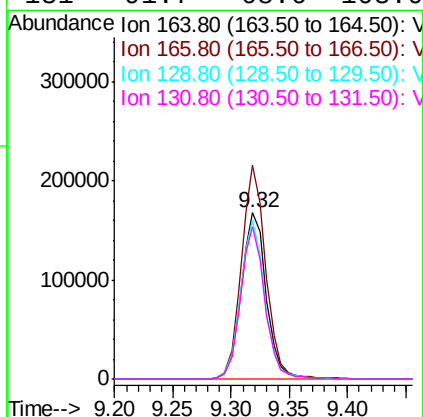
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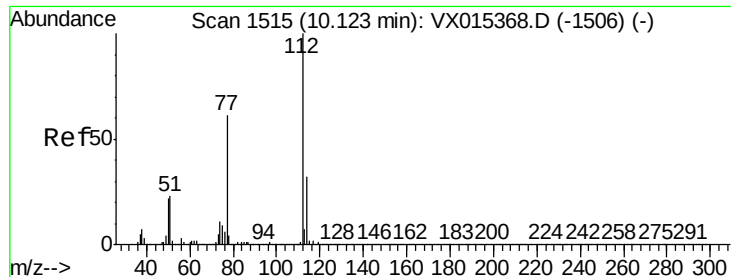
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#64
Tetrachloroethene
Concen: 20.528 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	97.8	146.6
129	95.5	73.0	109.4
131	91.7	68.6	103.0





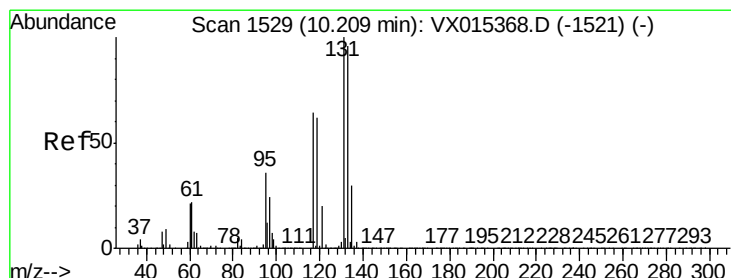
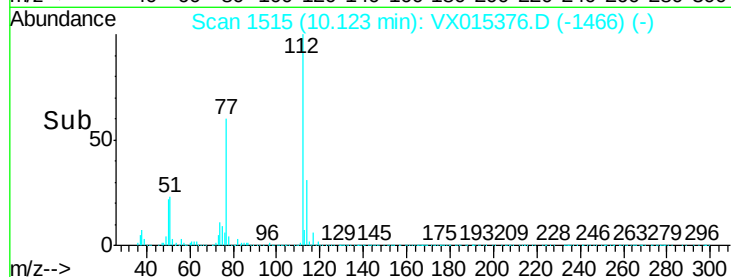
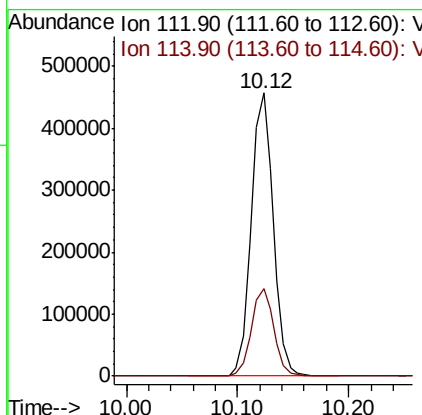
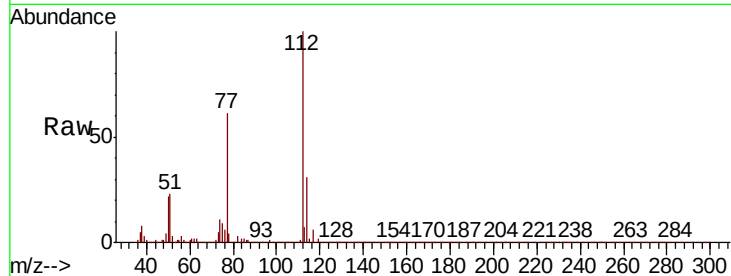
#65
Chlorobenzene
Concen: 19.387 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.5	38.3

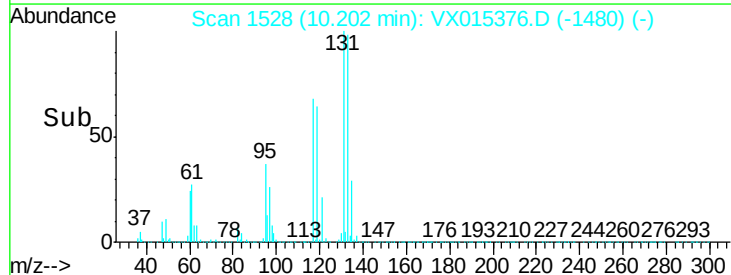
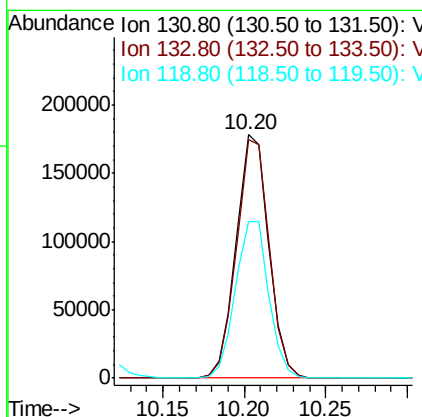
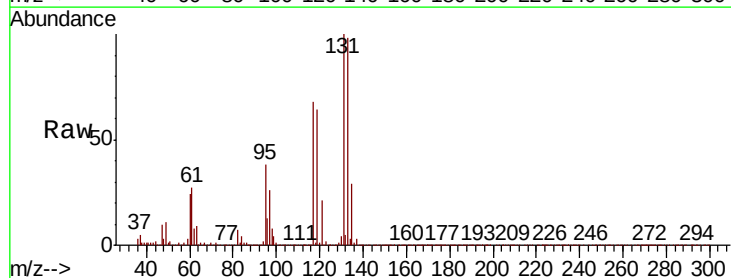
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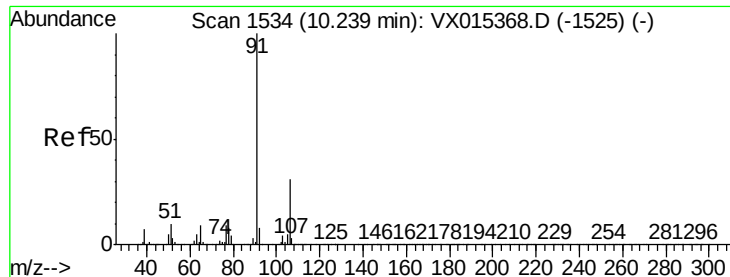
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.158 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.6	142.9
119	65.3	31.1	93.3





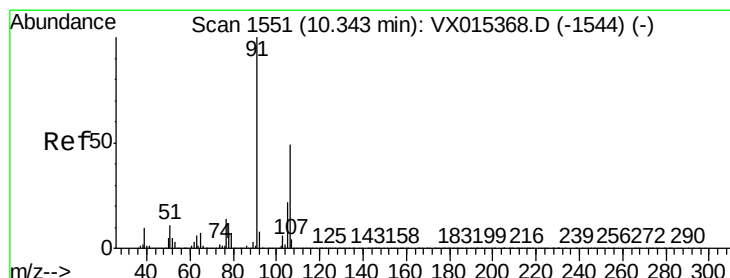
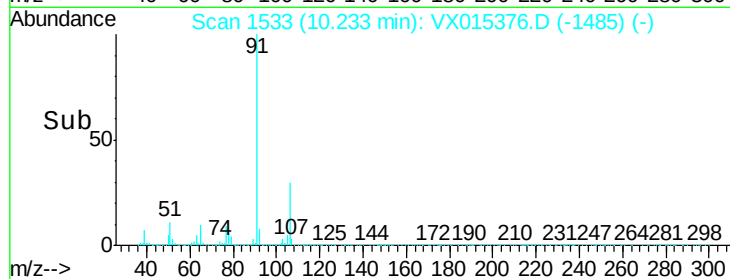
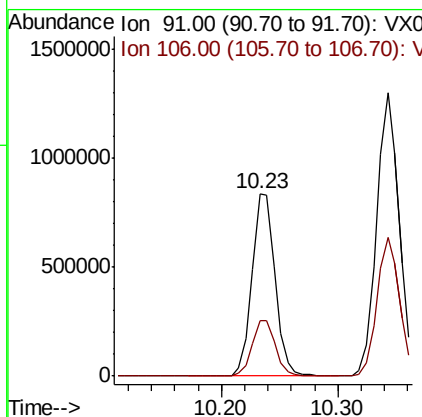
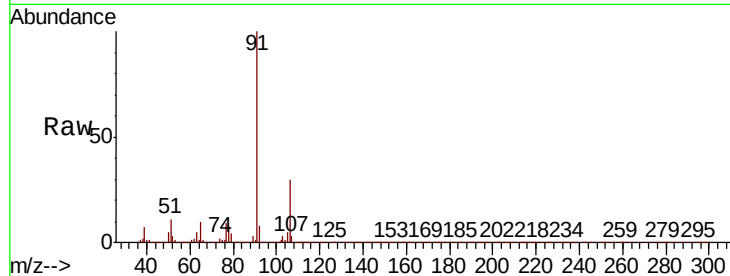
#67
Ethyl Benzene
Concen: 20.137 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion: 91 Resp: 1158601
Ion Ratio Lower Upper
91 100
106 30.4 24.8 37.2

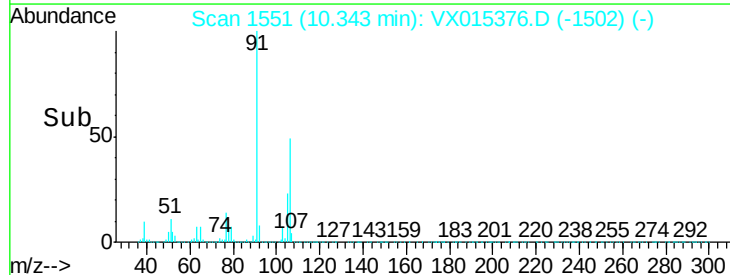
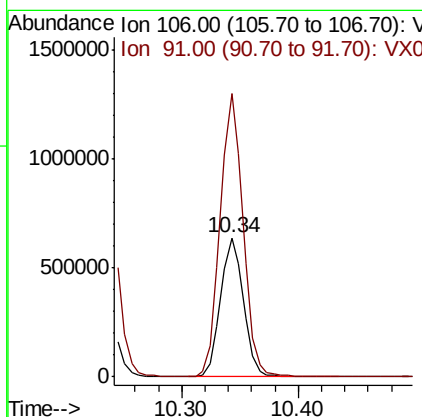
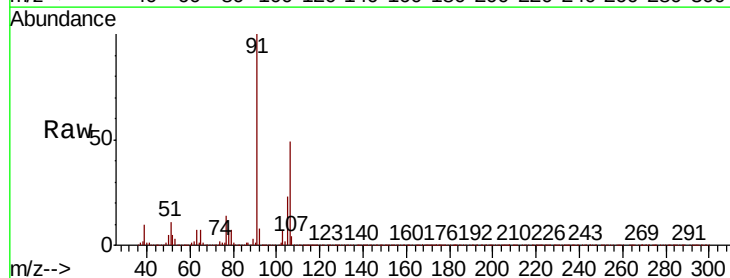
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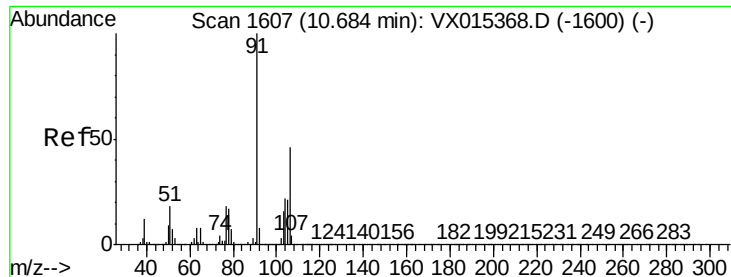
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#68
m/p-Xylenes
Concen: 40.342 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 106 Resp: 864305
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.0





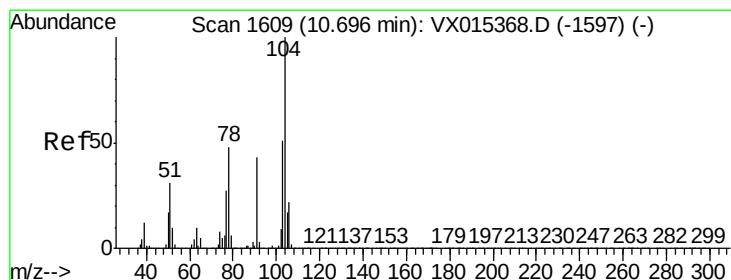
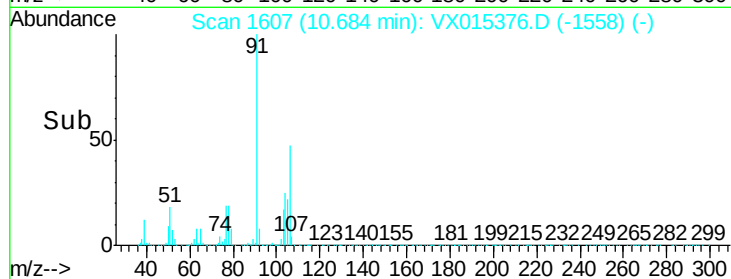
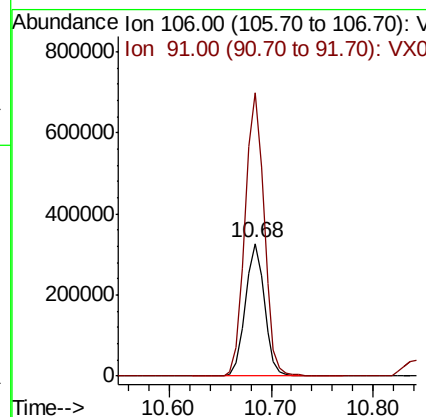
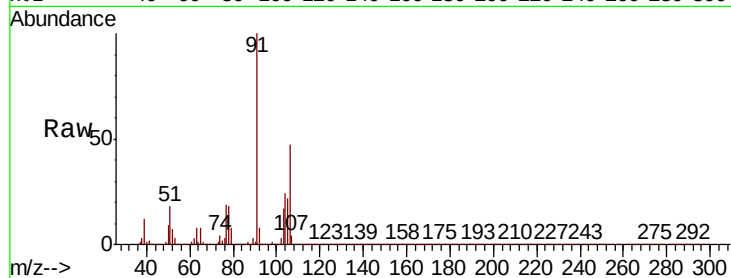
#69
o-Xylene
Concen: 19.872 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.9	107.1	321.3

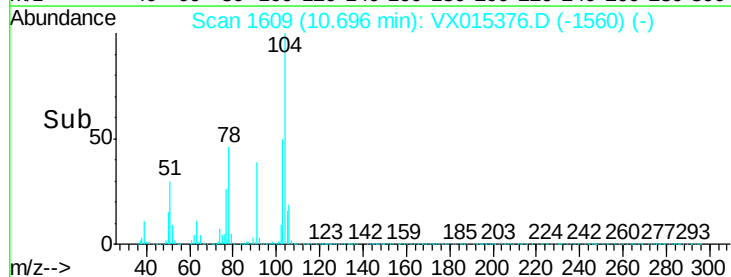
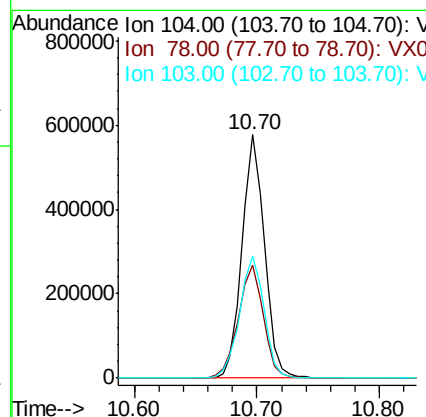
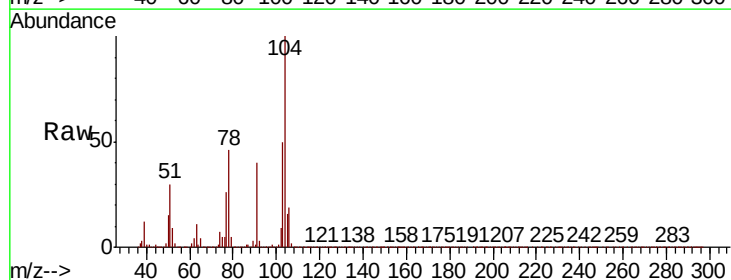
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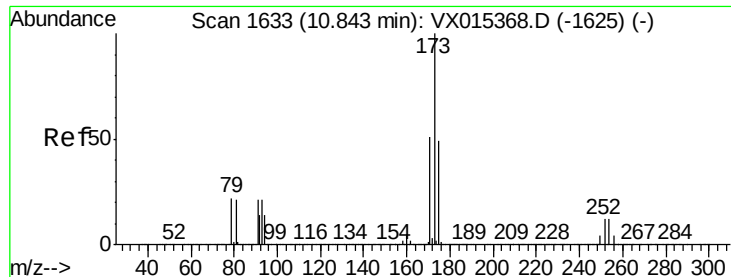
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#70
Styrene
Concen: 19.583 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	42.0	63.0
103	54.8	43.4	65.0





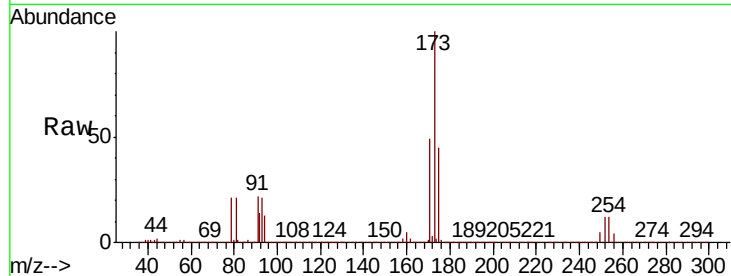
#71
Bromoform
Concen: 19.345 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

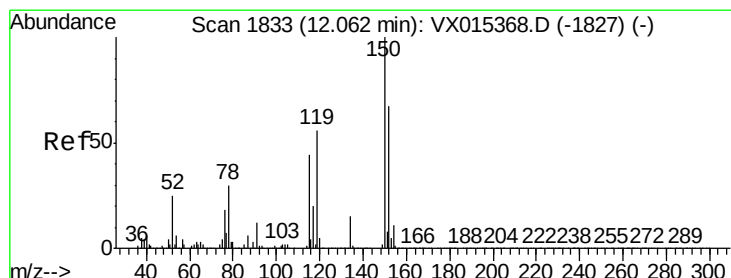
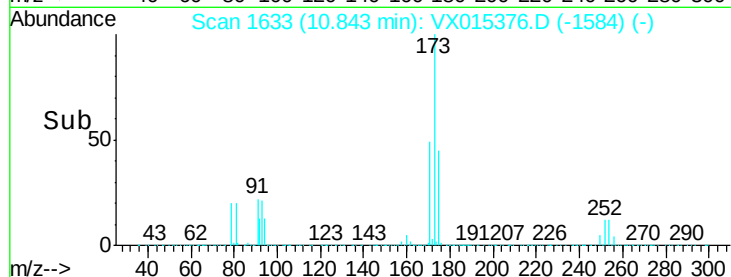
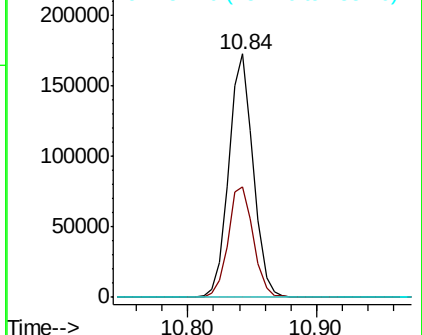
Tot Ion	Ratio	Resp	Lower	Upper
173	100	228237		
175	46.6	23.9	71.7	
254	0.4	0.1	0.1#	

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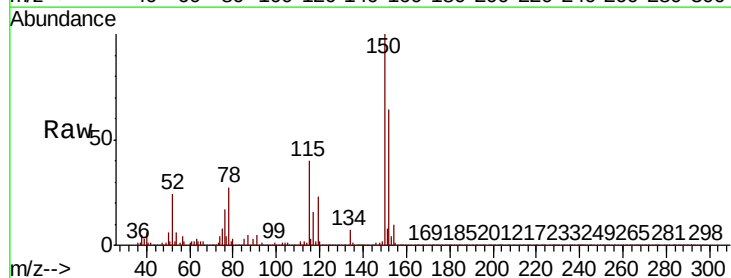


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

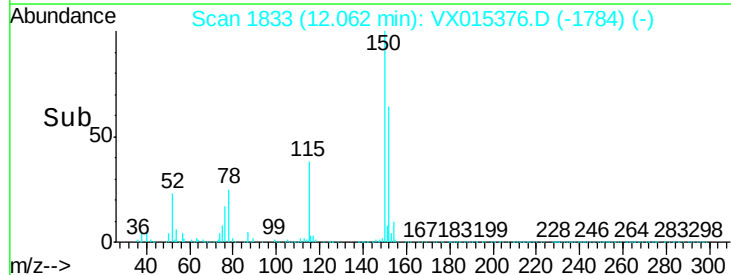
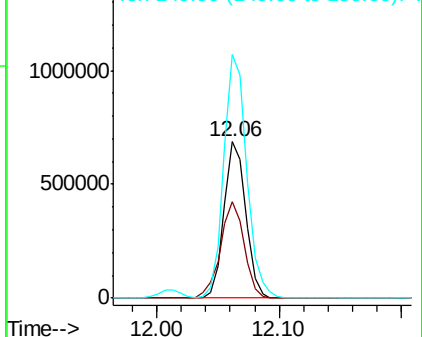


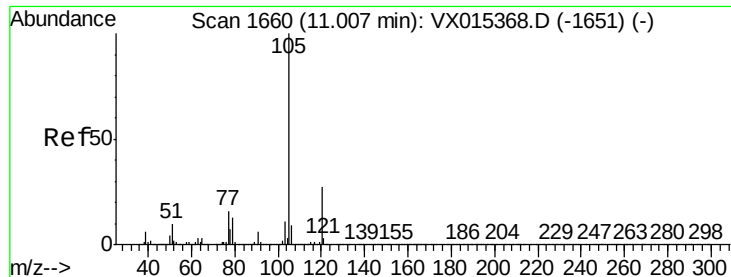
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	842049		
115	67.6	39.0	116.9	
150	164.4	0.0	340.8	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.531 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 105 Resp: 1132731

Ion Ratio Lower Upper

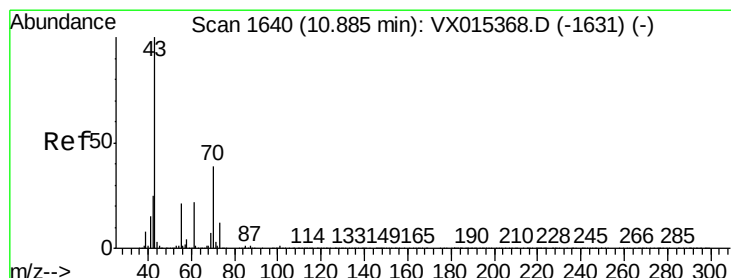
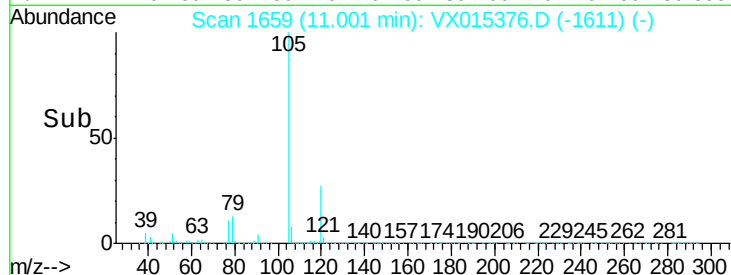
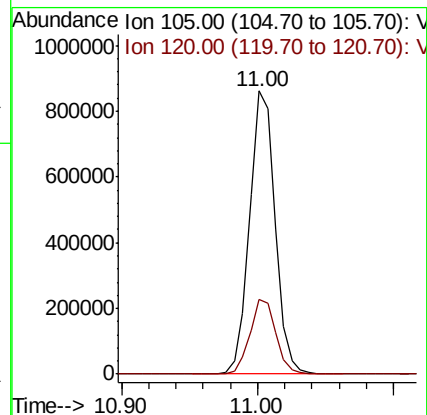
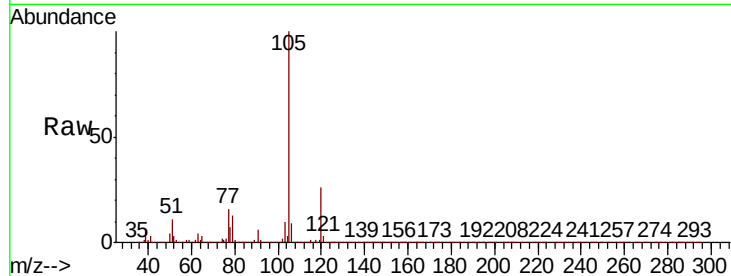
105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.643 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion: 43 Resp: 572083

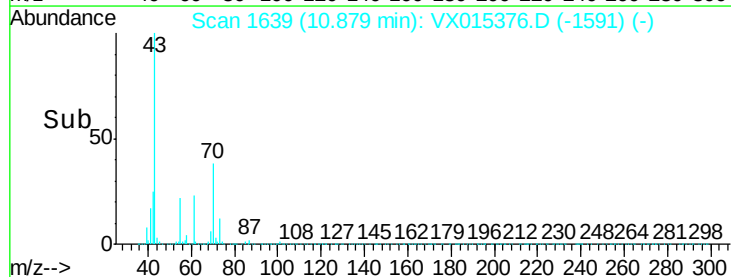
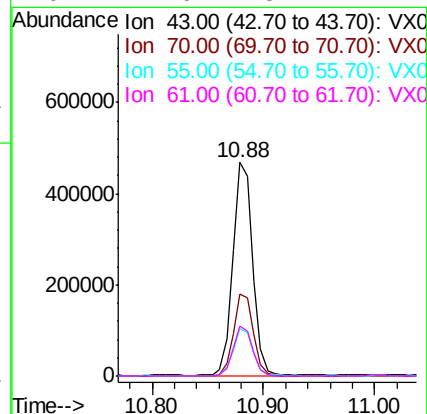
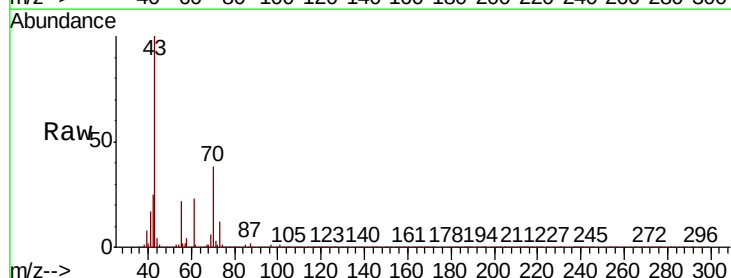
Ion Ratio Lower Upper

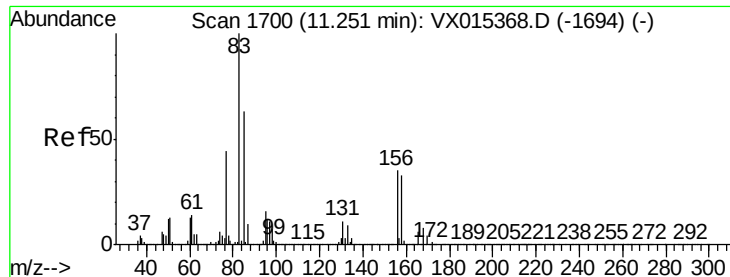
43 100

70 38.2 30.2 45.4

55 21.4 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.059 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

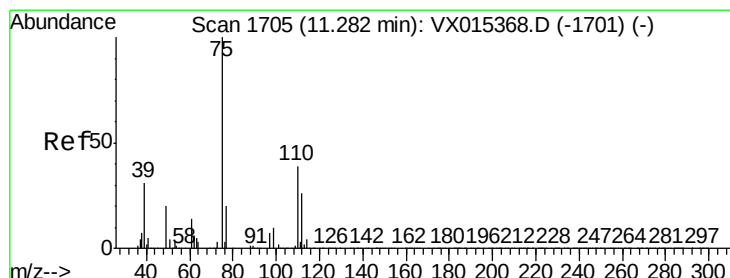
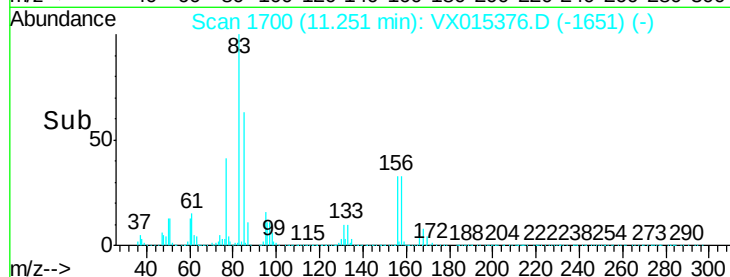
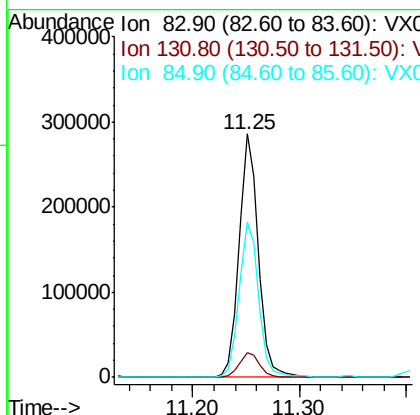
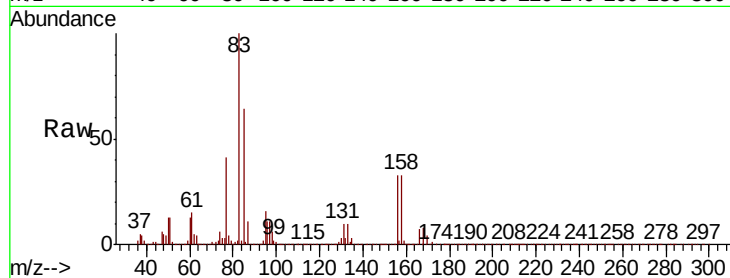
ClientSampleId :

VX0327WBSD01

Tot Ion:	83	Resp:	360825
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	64.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.059 ug/l m

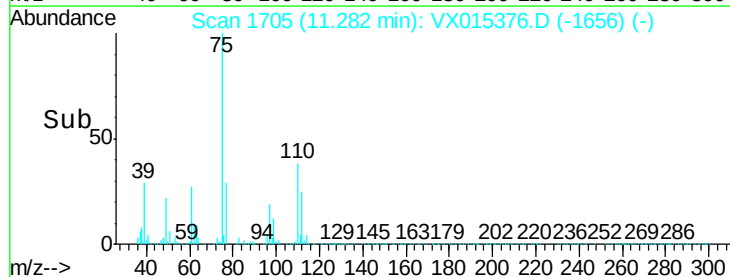
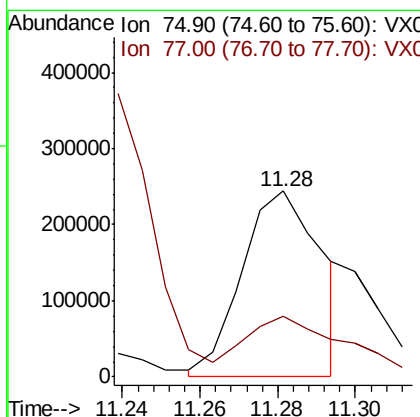
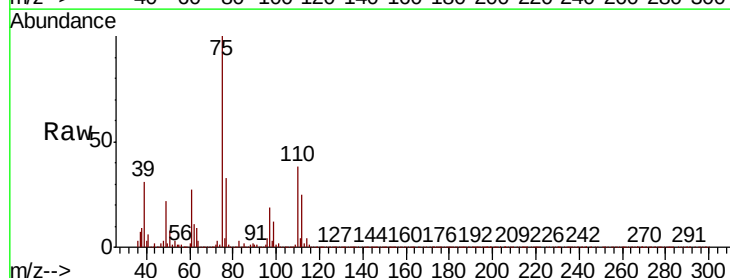
RT: 11.28 min Scan# 1705

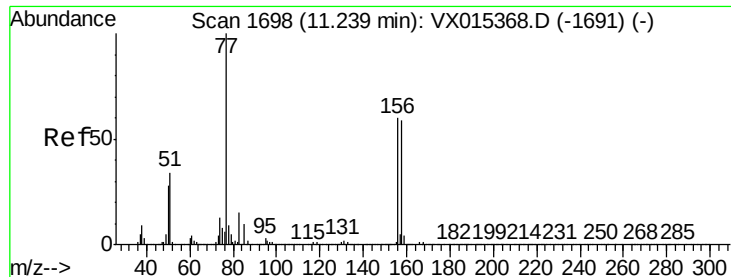
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	75	Resp:	347340
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.2	63.6





#77

Bromobenzene

Concen: 19.598 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

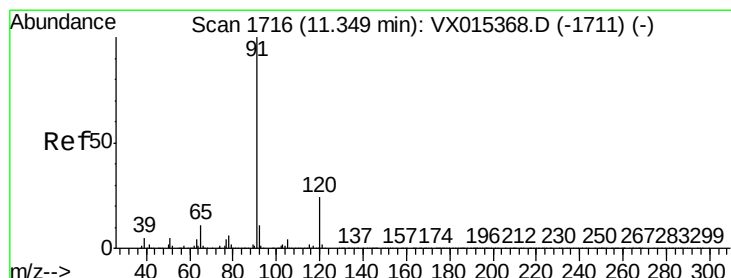
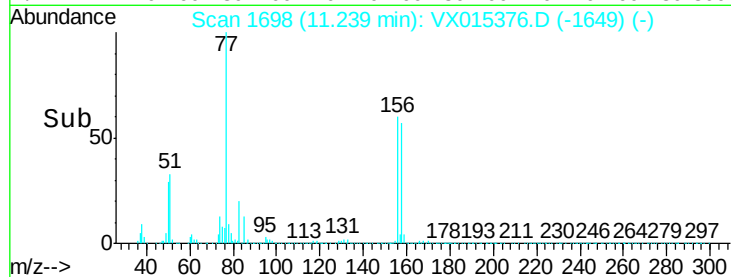
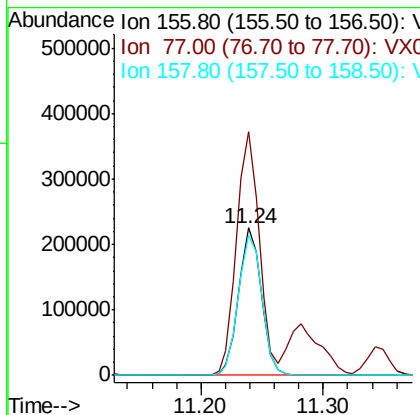
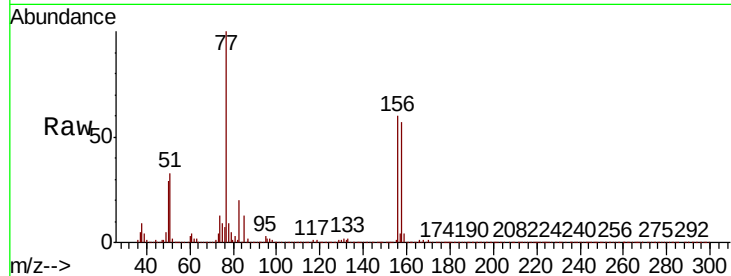
ClientSampled :

VX0327WBSD01

Tot Ion:	156	Resp:	288416
Ion Ratio	Lower	Upper	
156	100		
77	165.3	82.2	246.5
158	98.4	49.3	147.9

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#78

n-propylbenzene

Concen: 20.475 ug/l

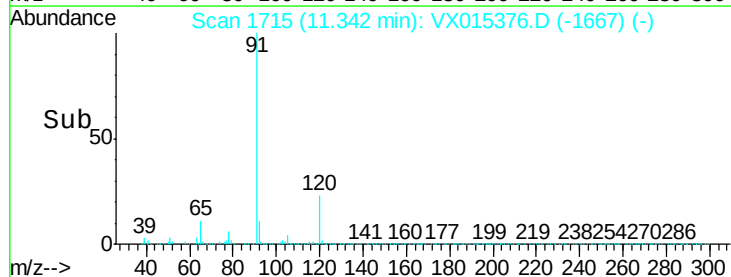
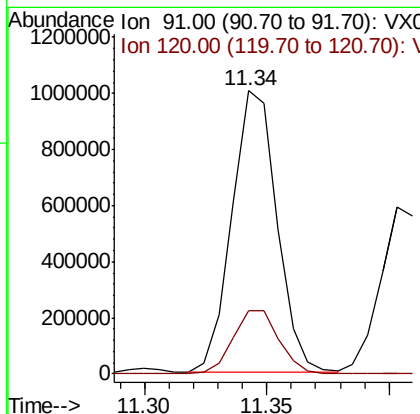
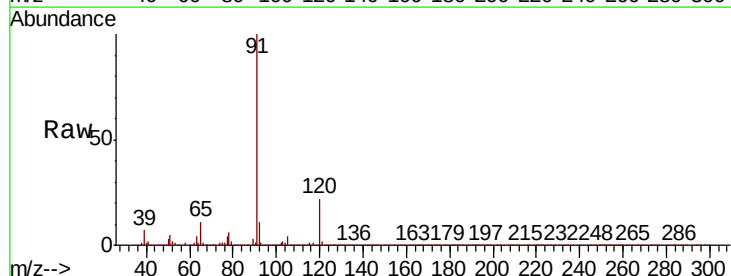
RT: 11.34 min Scan# 1715

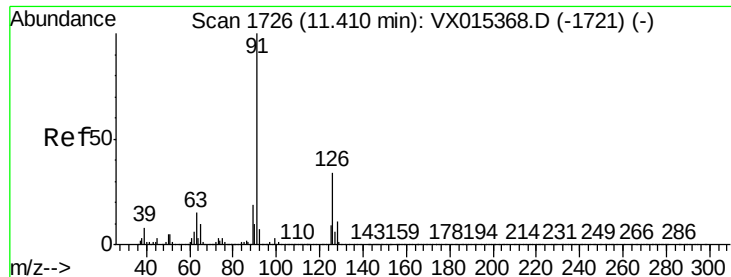
Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion:	91	Resp:	1291742
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.088 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 91 Resp: 776780

Ion Ratio Lower Upper

91 100

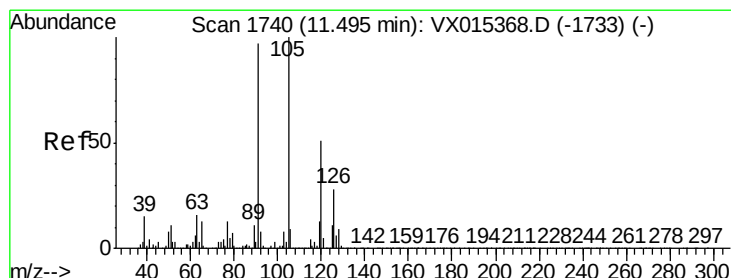
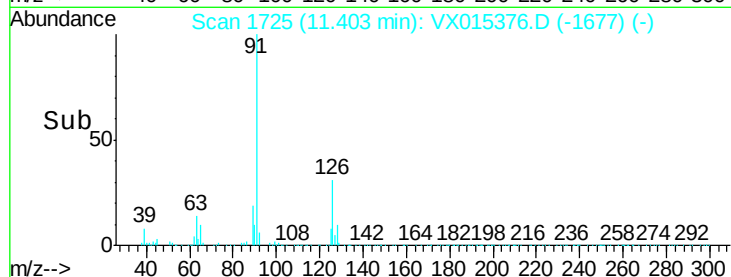
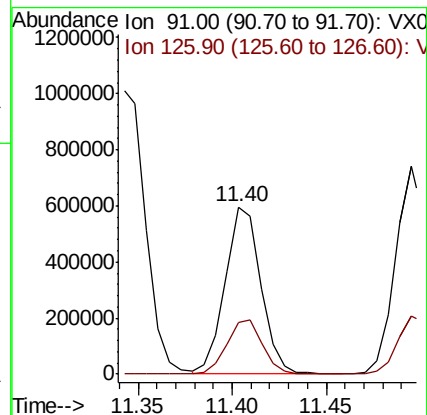
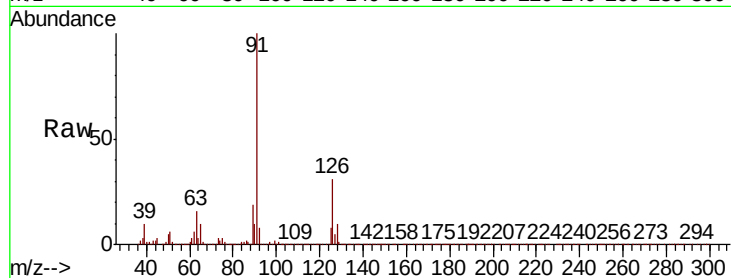
126 33.2 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.391 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015376.D

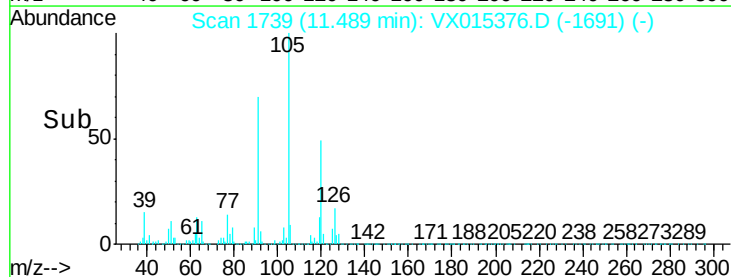
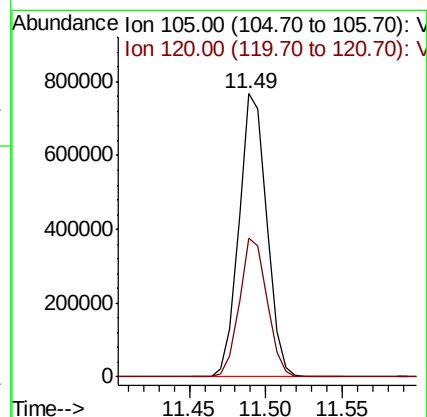
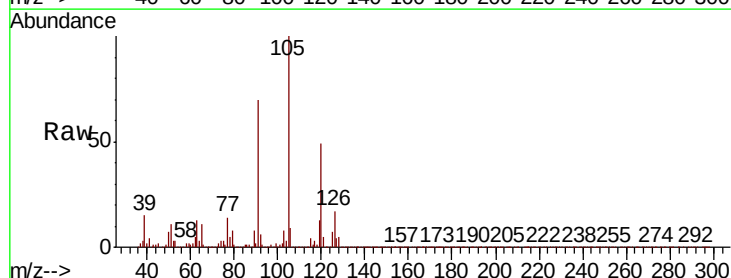
Acq: 27 Mar 2020 12:57

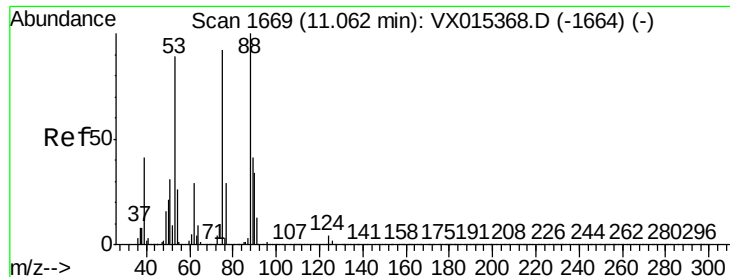
Tgt Ion: 105 Resp: 960790

Ion Ratio Lower Upper

105 100

120 49.0 24.8 74.4





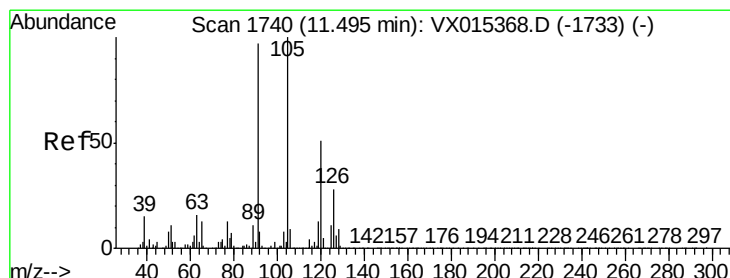
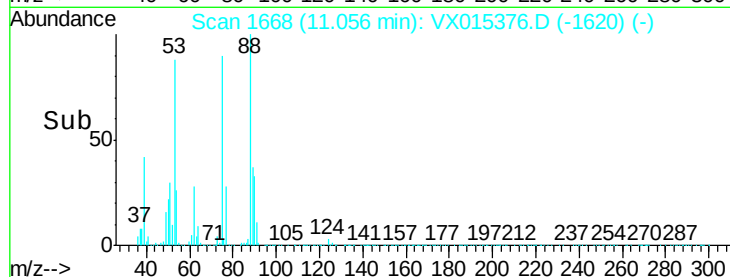
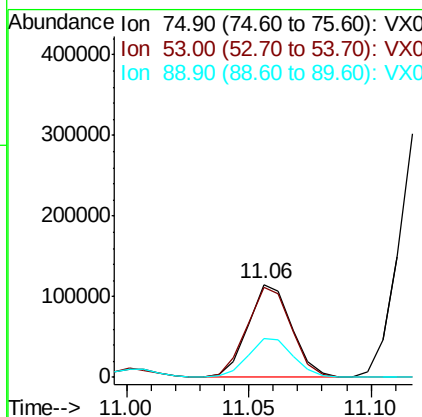
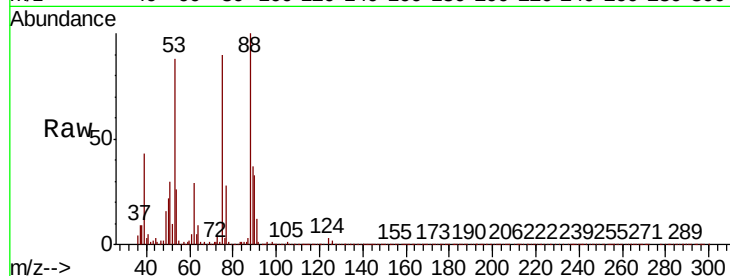
#81
trans-1,4-Dichloro-2-butene
Concen: 19.689 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.6	80.1	120.1
89	42.9	36.1	54.1

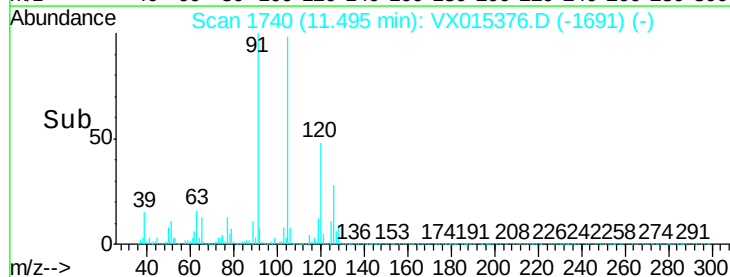
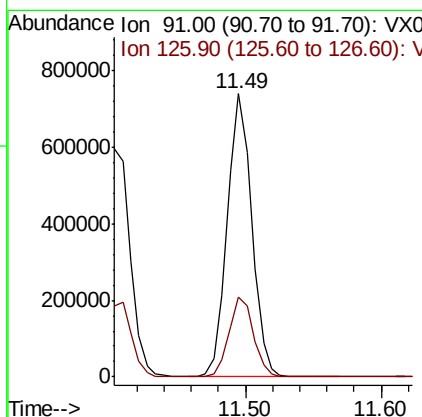
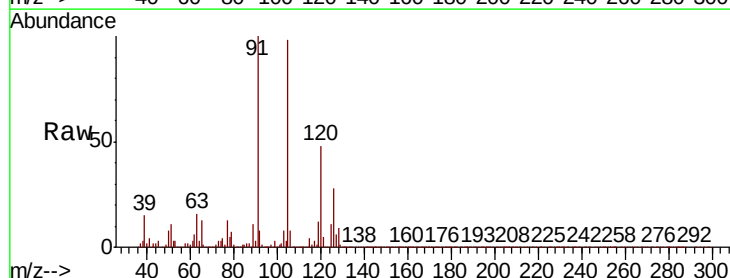
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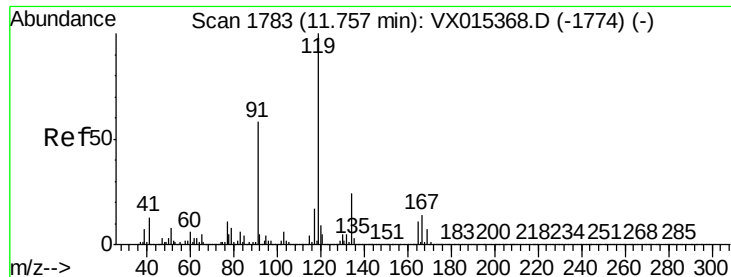
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#82
4-Chlorotoluene
Concen: 20.427 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.7	44.1





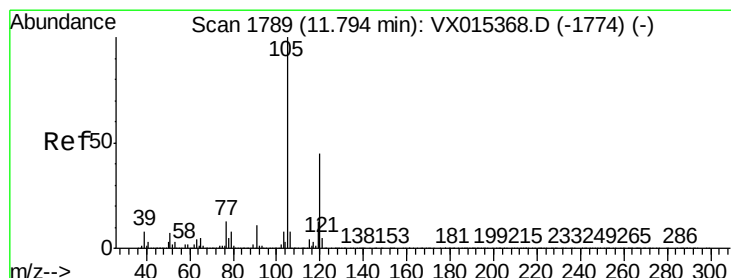
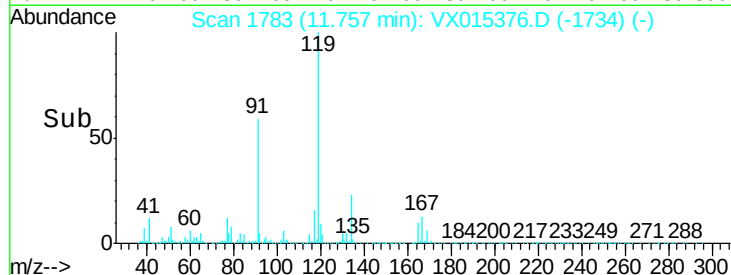
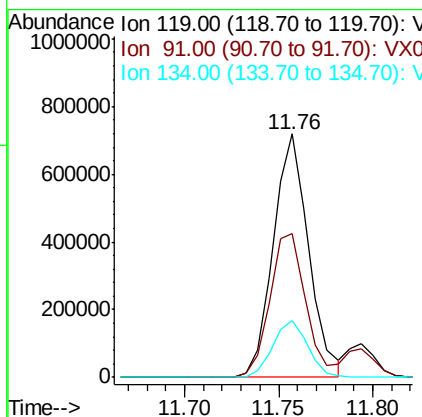
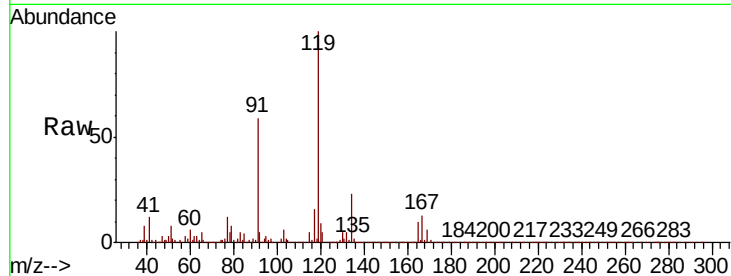
#83
 tert-Butylbenzene
 Concen: 20.248 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	28.6	85.8
134	23.1	11.8	35.3

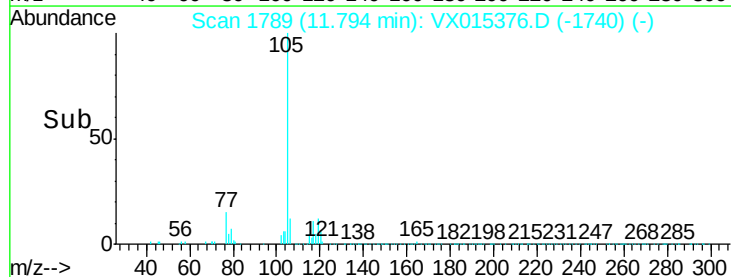
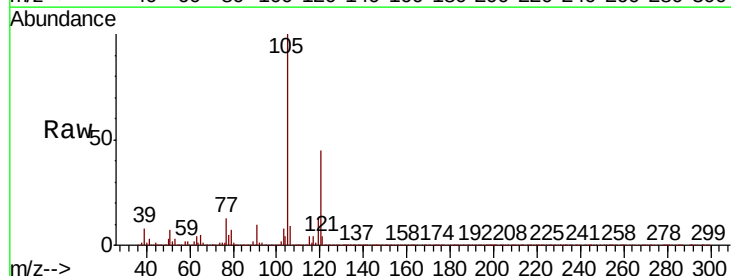
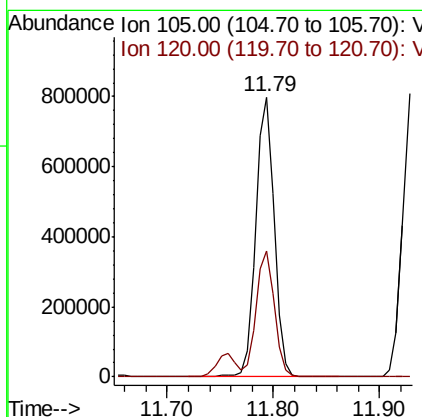
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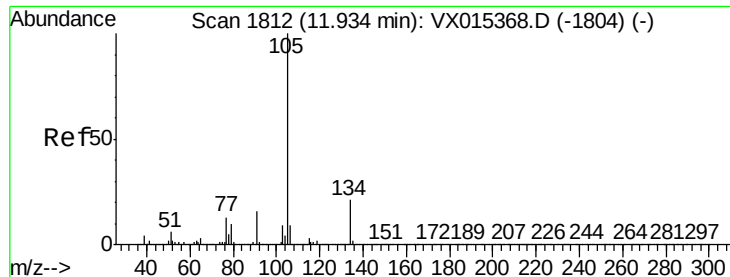
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.137 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.571 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion:105 Resp: 1095007

Ion Ratio Lower Upper

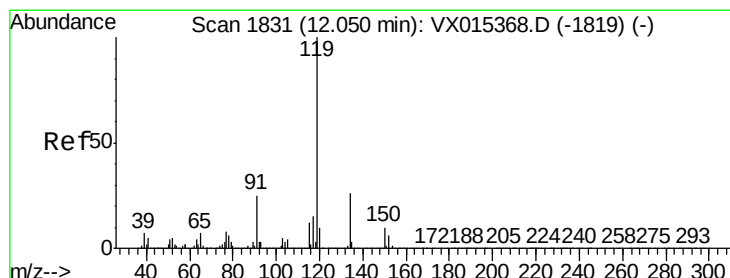
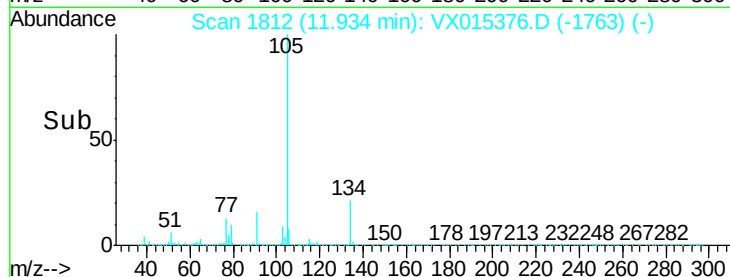
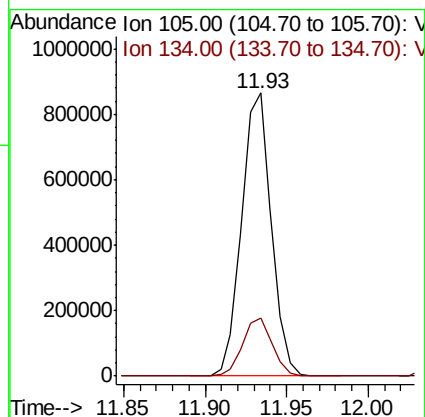
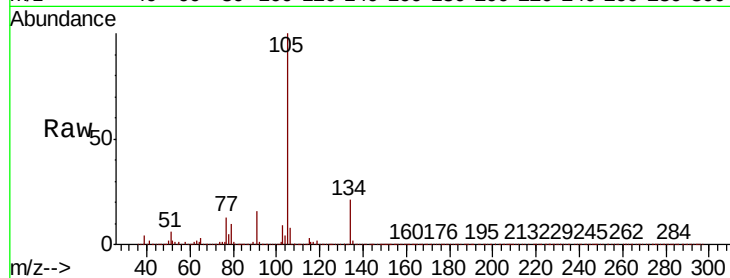
105 100

134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 21.016 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

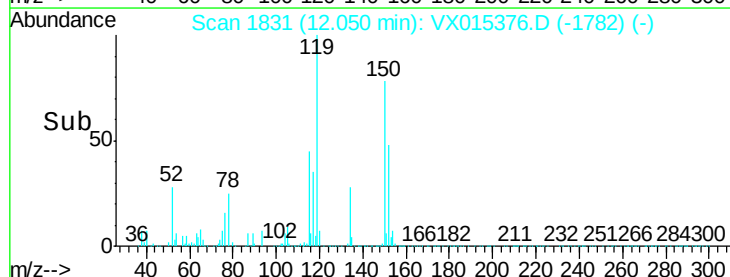
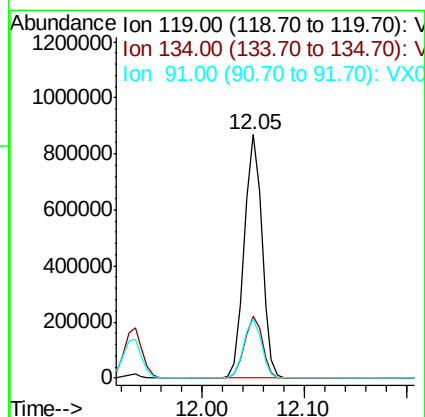
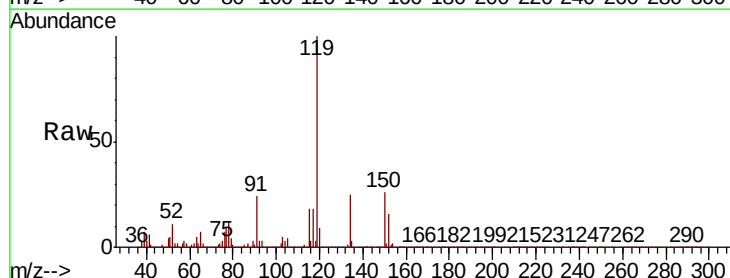
Tgt Ion:119 Resp: 1038539

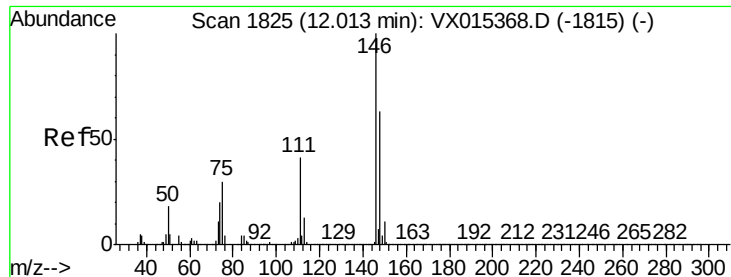
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.4 12.4 37.4





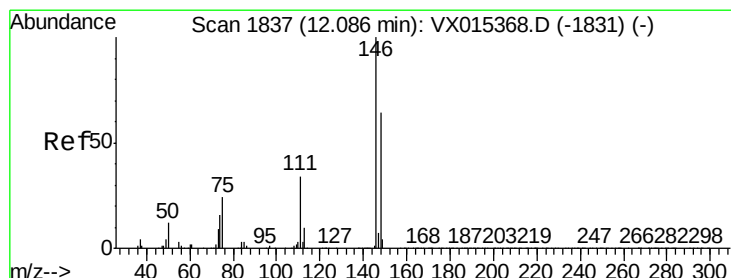
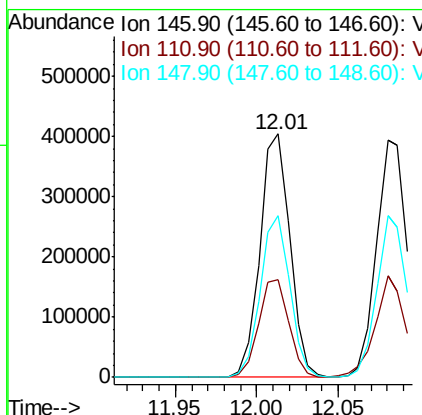
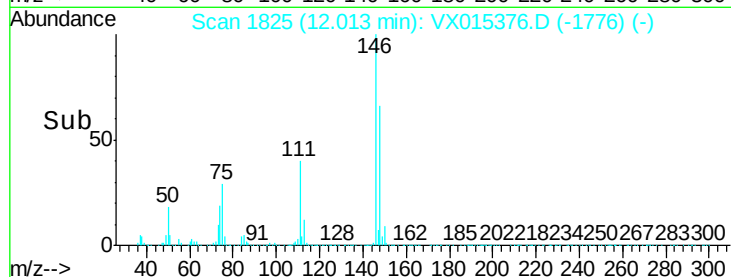
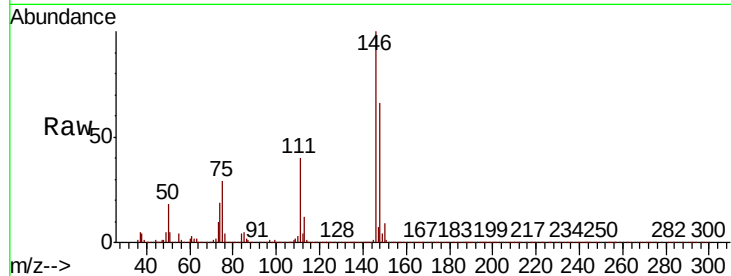
#87
 1,3-Dichlorobenzene
 Concen: 19.607 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	65.5	31.3	93.9

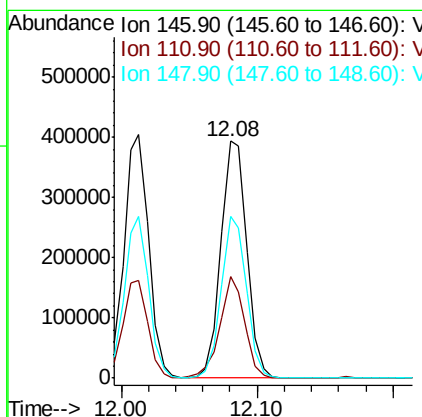
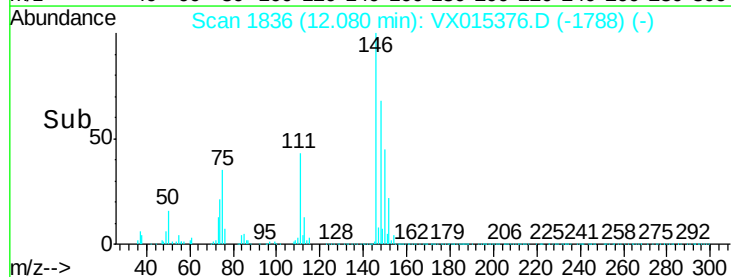
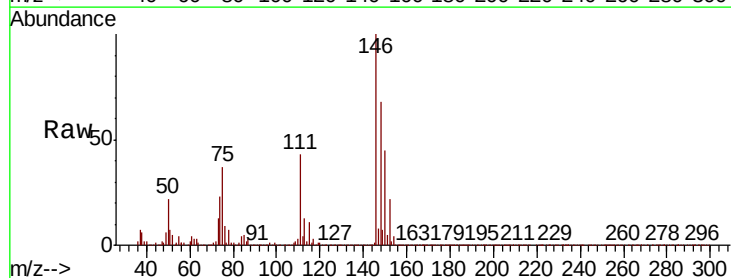
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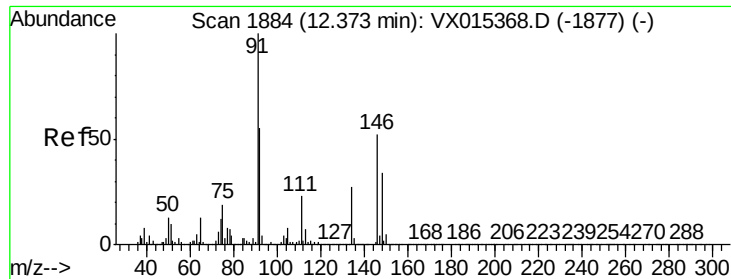
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#88
 1,4-Dichlorobenzene
 Concen: 19.304 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.1	57.5
148	66.3	32.4	97.2





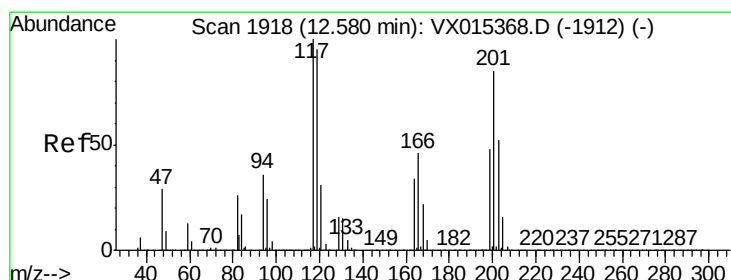
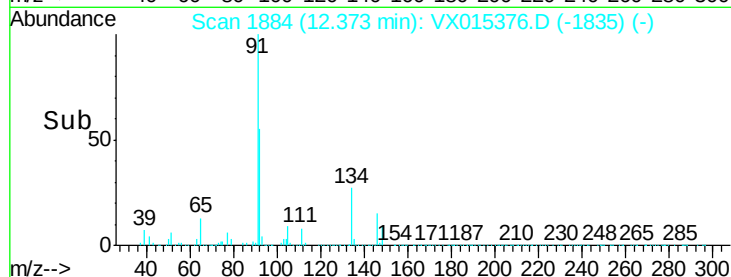
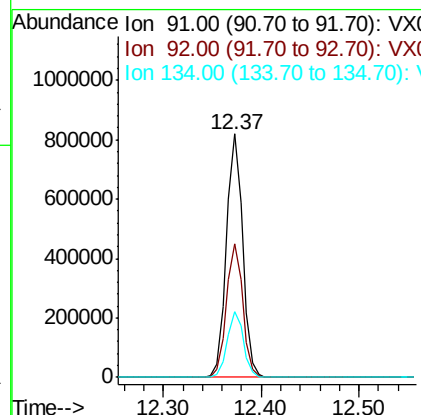
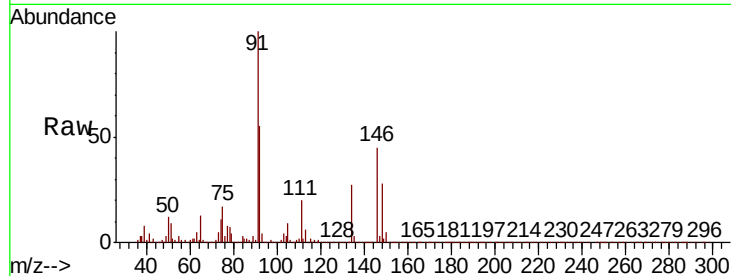
#89
n-Butylbenzene
Concen: 21.047 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleID :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	26.7	13.4	40.2

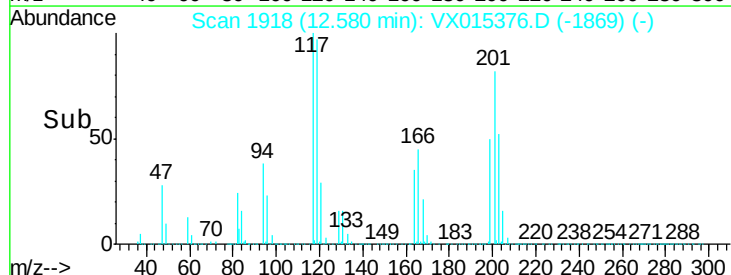
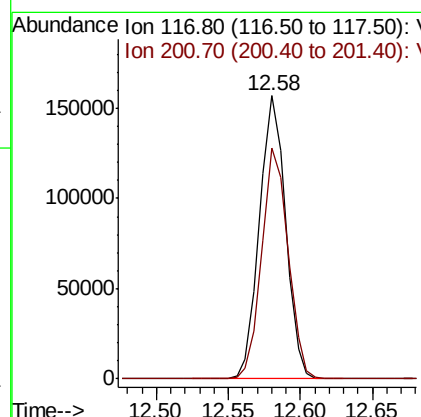
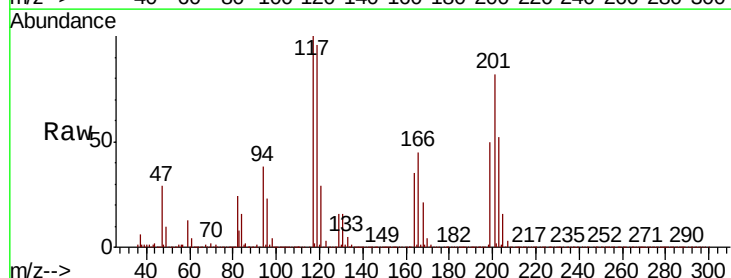
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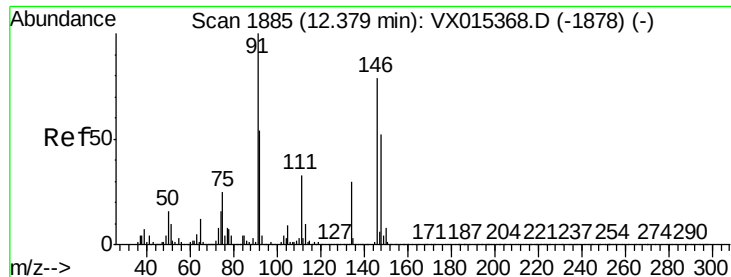
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#90
Hexachloroethane
Concen: 20.403 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	42.6	128.0





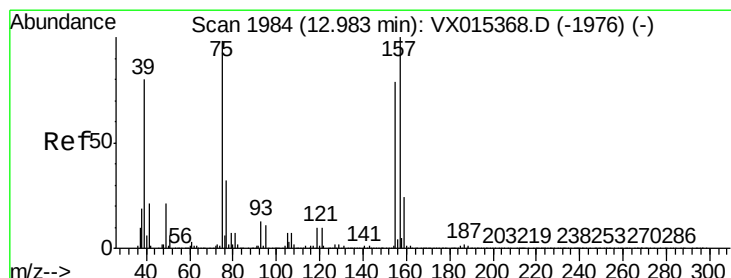
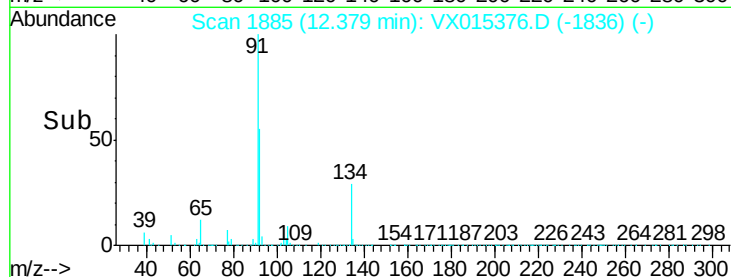
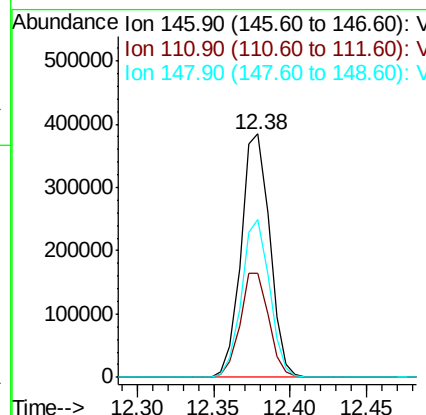
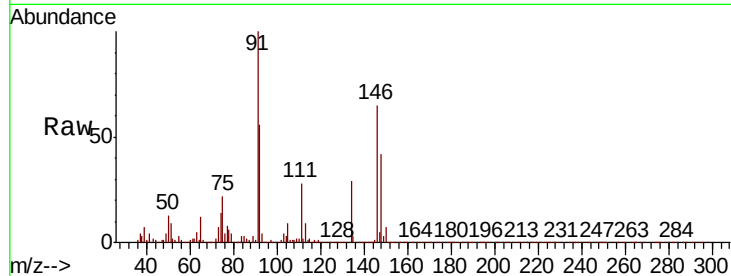
#91
1,2-Dichlorobenzene
Concen: 19.457 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.0	63.0
148	63.2	32.4	97.0

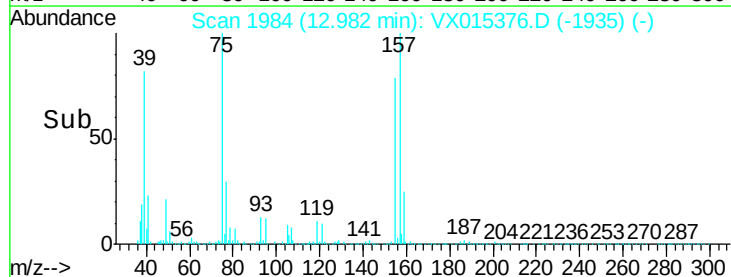
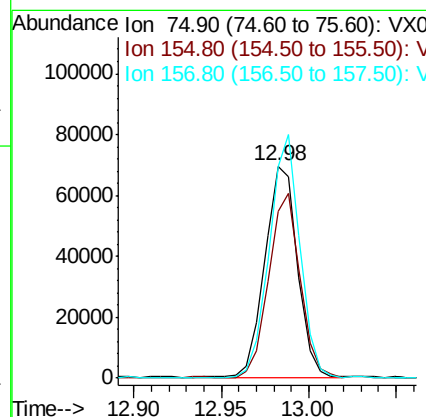
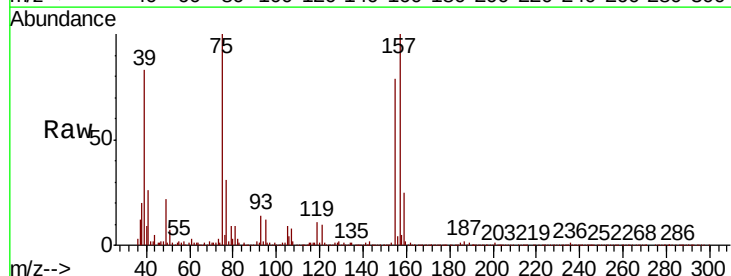
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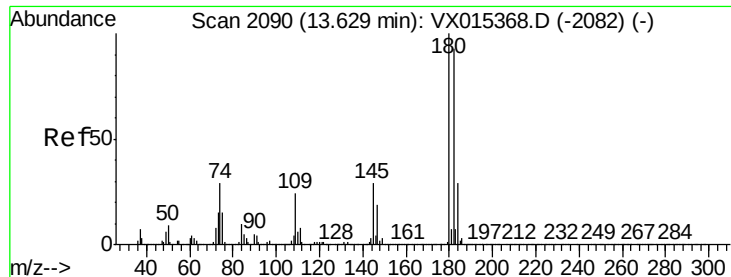
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.011 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.8	128.4
157	108.3	53.4	160.3





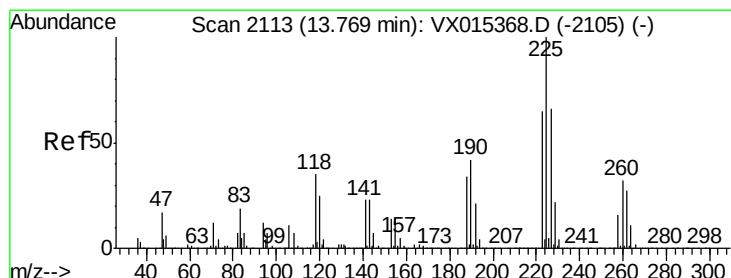
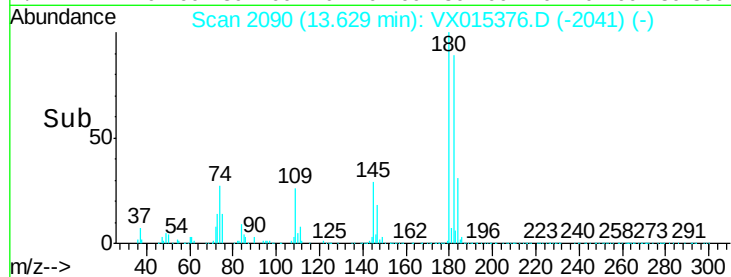
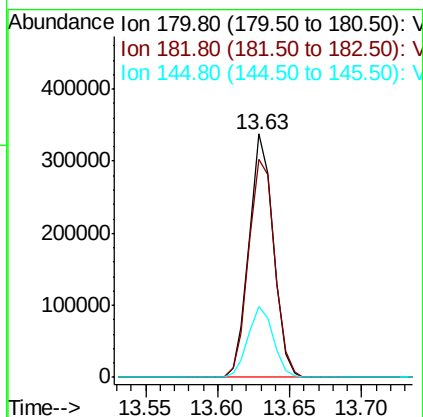
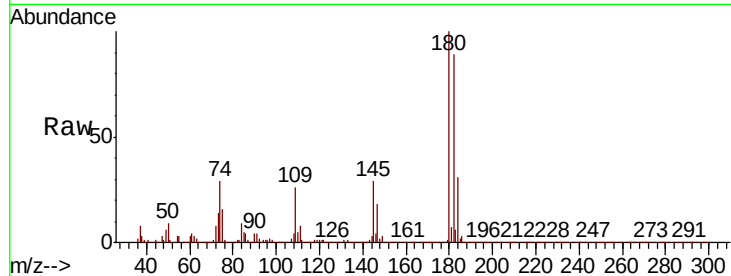
#93
 1,2,4-Trichlorobenzene
 Concen: 19.263 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	392851		
182	95.8	46.9	140.7	
145	30.0	14.9	44.5	

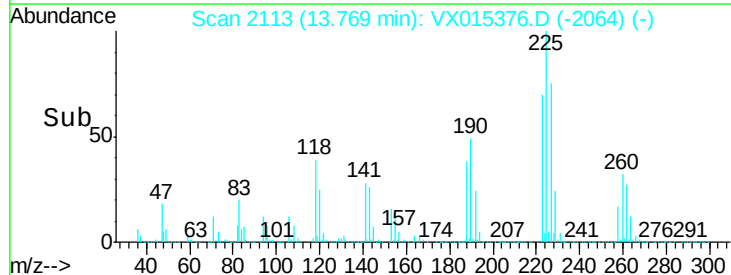
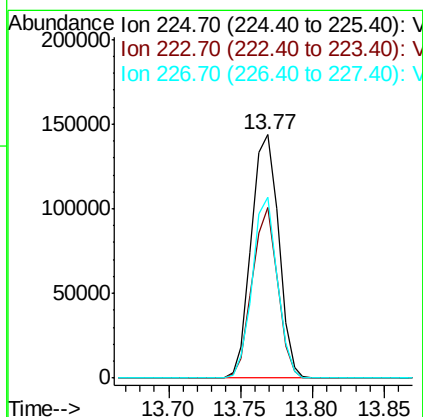
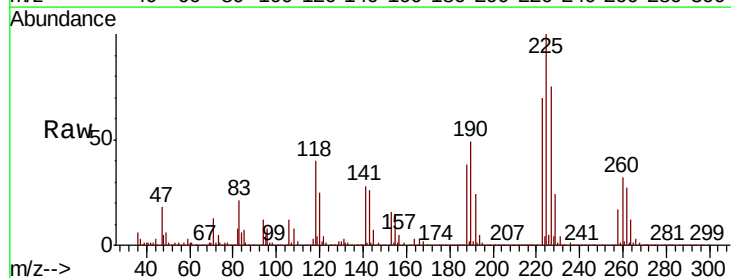
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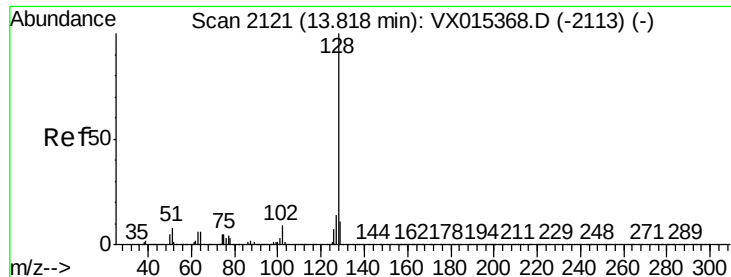
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#94
 Hexachlorobutadiene
 Concen: 19.391 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188286		
223	65.0	31.9	95.7	
227	68.3	30.4	91.3	





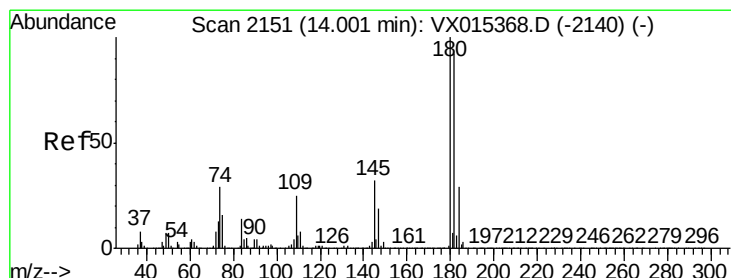
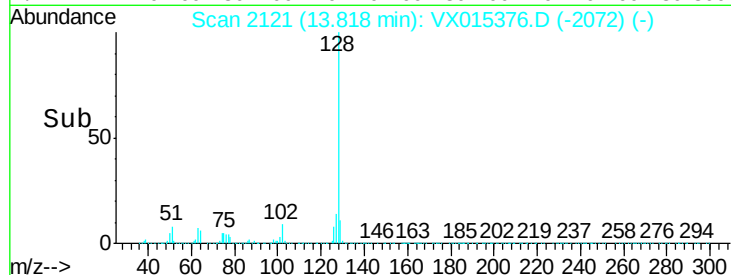
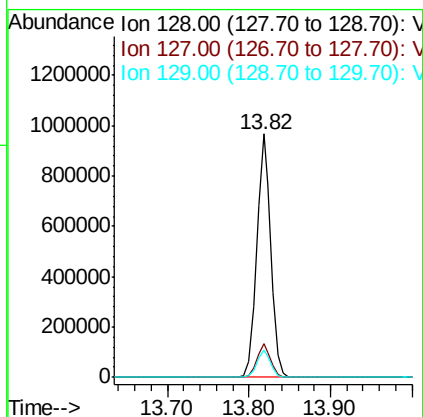
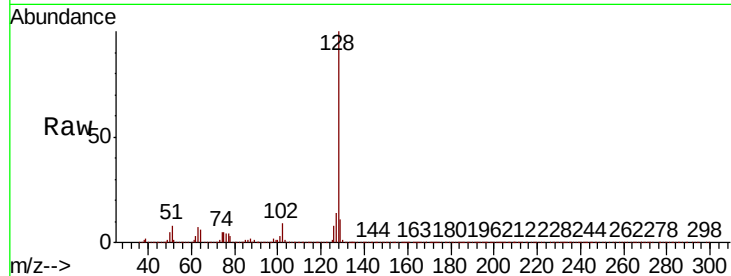
#95
Naphthalene
Concen: 18.996 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
3/30/2020 2:59:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.114 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.7	140.0
145	32.7	15.8	47.3

