

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120719\
 Data File : VX013839.D
 Acq On : 07 Dec 2019 14:22
 Operator : JC/SP
 Sample : VX1207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 8:55:51 AM

Quant Time: Dec 09 02:44:26 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue Nov 12 01:16:13 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	103087	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	557712	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	509597	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	218518	28.71	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.70%
60) 4-Bromofluorobenzene	11.13	95	244586	29.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.53%
63) Toluene-d8	8.71	98	682697	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	147307	19.072	ug/l 98
3) Chloromethane	1.32	50	163607	19.436	ug/l 99
4) Vinyl Chloride	1.40	62	184180	19.256	ug/l 99
5) Bromomethane	1.63	94	108399	18.851	ug/l 98
6) Chloroethane	1.72	64	106324	20.222	ug/l 97
7) Trichlorofluoromethane	1.92	101	193932	18.833	ug/l 99
8) Diethyl Ether	2.18	74	100345	21.342	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123338	19.908	ug/l 99
10) 1,1-Dichloroethene	2.37	96	120374	18.907	ug/l 97
11) Methyl Iodide	2.50	142	134339	17.089	ug/l 98
12) Methyl Acetate	2.76	43	225744	20.235	ug/l 99
13) Acrolein	2.28	56	108641	91.677	ug/l 97
14) Acrylonitrile	3.13	53	393054	95.811	ug/l 98
15) Acetone	2.43	58	129271	104.042	ug/l 96
16) Carbon Disulfide	2.56	76	316173	17.805	ug/l 100
17) Allyl chloride	2.72	41	222032	18.937	ug/l 97
18) Methylene Chloride	2.85	84	149163	20.650	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	132456	19.467	ug/l 99
20) Diisopropyl ether	3.84	45	465972	20.658	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	249013	20.268	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	157957	20.362	ug/l 98
23) tert-Butyl Alcohol	3.03	59	176800	89.552	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	436135	20.698	ug/l 99
25) Chloroform	5.20	83	241685	20.097	ug/l 99
26) Cyclohexane	5.57	56	211413	18.949	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	171893	20.179	ug/l 99
30) 2-Butanone	4.65	43	582409	103.583	ug/l 100
31) 2,2-Dichloropropane	4.58	77	193961	21.025	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	193946	20.484	ug/l 99
33) Carbon Tetrachloride	5.77	117	164339	19.983	ug/l 98
34) Benzene	6.13	78	563704	21.817	ug/l 99
35) Methacrylonitrile	5.03	41	119336	21.254	ug/l 97
36) 1,2-Dichloroethane	6.18	62	199582	22.068	ug/l 99
37) Trichloroethene	7.20	130	148030	21.385	ug/l 95
38) Methylcyclohexane	7.45	83	211477	20.247	ug/l 98
39) 1,2-Dichloropropane	7.50	63	143755	21.518	ug/l 98
40) Dibromomethane	7.65	93	97043	21.826	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX1207WBS01

Manual Integrations
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 12/11/2019 8:55:51 AM

Quant Time: Dec 09 02:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	188657	21.736	ug/l	96
42) Vinyl Acetate	3.80	43	1911907	108.004	ug/l	100
43) Ethyl Acetate	4.81	43	213812	20.850	ug/l	98
44) Isopropyl Acetate	6.43	43	338982	20.564	ug/l	98
45) 1,4-Dioxane	7.73	88	71146	390.925	ug/l	98
46) Methyl methacrylate	7.76	41	169955	20.727	ug/l	98
47) n-amyl Acetate	10.89	43	298034	20.612	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	204469	21.009	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	229280	21.500	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	145649	22.138	ug/l	95
51) Ethyl methacrylate	9.17	69	233374	21.544	ug/l	98
52) 1,3-Dichloropropane	9.37	76	247374	21.994	ug/l	99
53) Dibromochloromethane	9.57	129	149112	21.384	ug/l	98
54) 1,2-Dibromoethane	9.67	107	155941	22.166	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	432487	93.439	ug/l	99
56) Bromoform	10.85	173	114767	20.682	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1092306	102.606	ug/l	99
59) 2-Hexanone	9.48	43	849666	100.873	ug/l	99
61) Tetrachloroethene	9.33	164	133330	21.218	ug/l	98
62) Toluene	8.78	91	606057	21.351	ug/l	99
64) Chlorobenzene	10.14	112	381597	21.501	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	139862	21.052	ug/l	99
66) Ethyl Benzene	10.25	91	658308	21.110	ug/l	100
67) m/p-Xylenes	10.35	106	501664	41.704	ug/l	97
68) o-Xylene	10.70	106	248259	21.385	ug/l	97
69) Styrene	10.71	104	425199	21.449	ug/l	100
70) Isopropylbenzene	11.01	105	643997	21.052	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	231784	21.162	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	186044m	20.117	ug/l	
73) Bromobenzene	11.25	156	171871	21.305	ug/l	98
74) n-propylbenzene	11.35	91	729243	20.977	ug/l	100
75) 2-Chlorotoluene	11.42	91	441996	21.381	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	543339	21.131	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	71125	19.020	ug/l	99
78) 4-Chlorotoluene	11.51	91	499076	21.071	ug/l	99
79) tert-butylbenzene	11.76	119	527901	20.349	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	544987	21.269	ug/l	100
81) sec-Butylbenzene	11.94	105	605485	20.456	ug/l	99
82) p-Isopropyltoluene	12.06	119	570073	20.904	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	302779	21.348	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	302201	21.466	ug/l	97
85) n-Butylbenzene	12.39	91	467609	19.867	ug/l	98
86) Hexachloroethane	12.59	117	97072	19.397	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	303894	21.428	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	48779	19.914	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	198741	20.324	ug/l	98
90) Hexachlorobutadiene	13.78	225	93776	20.013	ug/l	99
91) Naphthalene	13.83	128	603336	19.487	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	202527	20.494	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

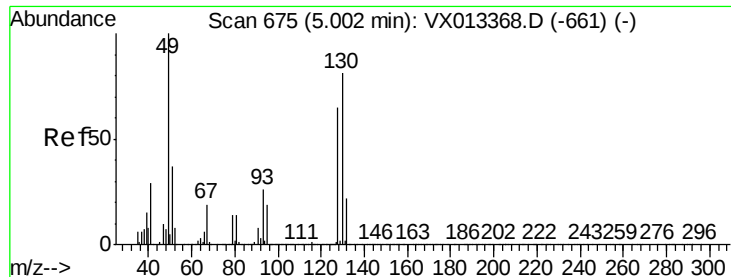
Manual Integrations
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Quant Time: Dec 09 02:44:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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



#1

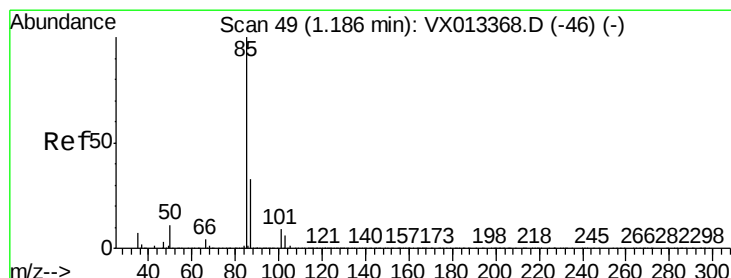
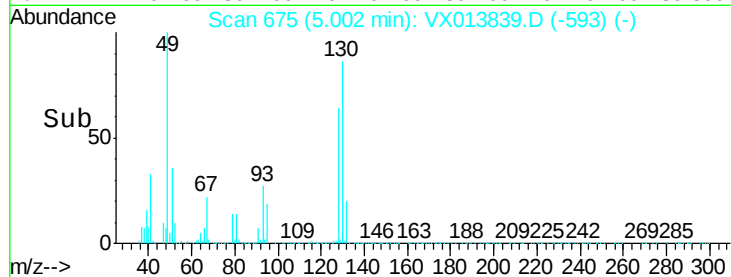
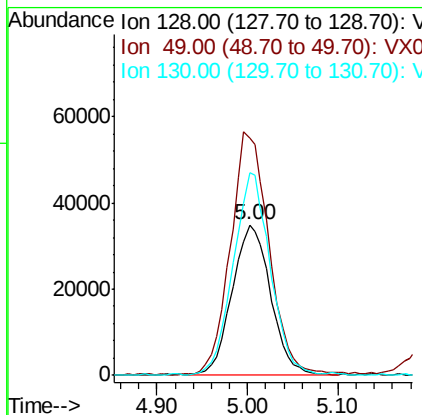
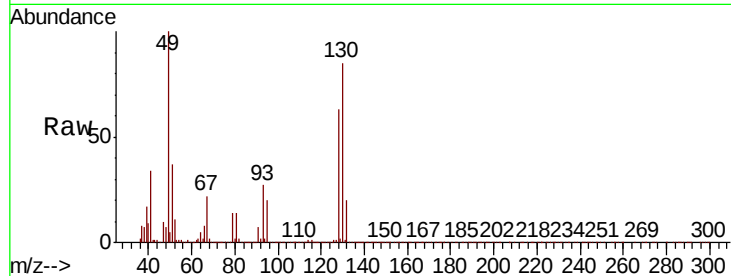
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	388.3
130	128.8	0.0	318.5

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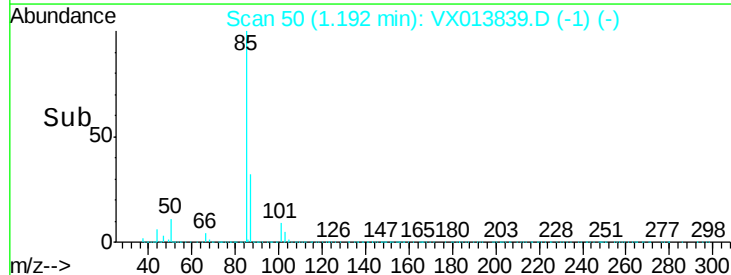
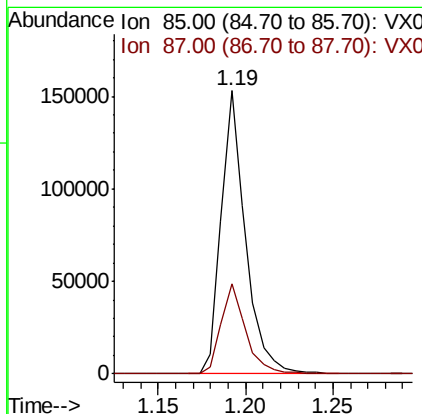
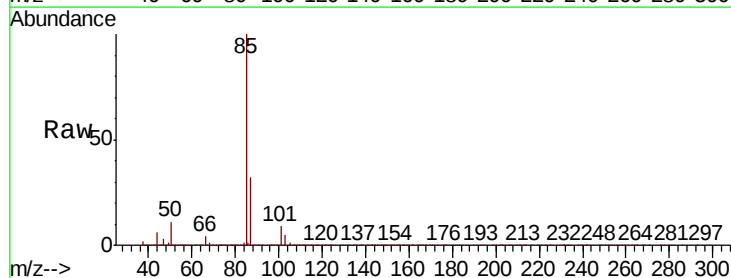
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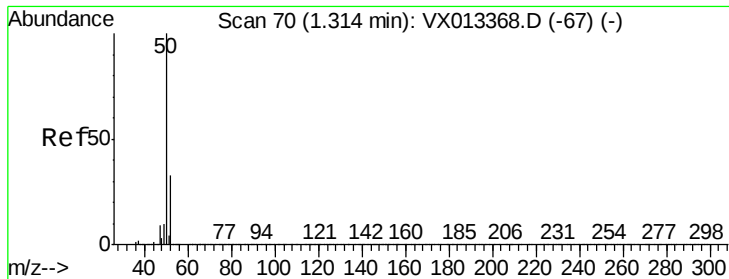


#2

Dichlorodifluoromethane
Concen: 19.072 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.6	49.7





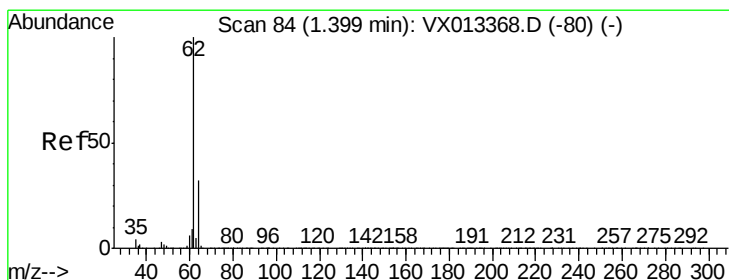
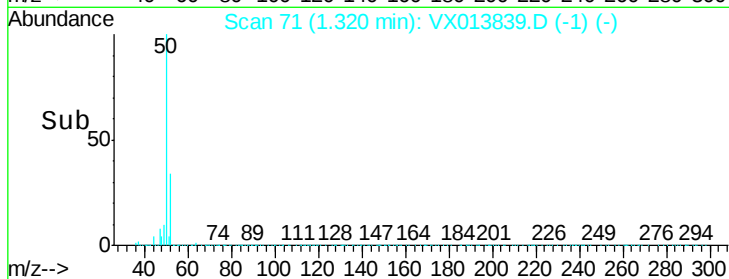
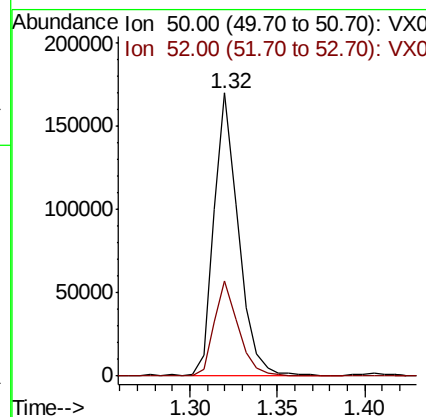
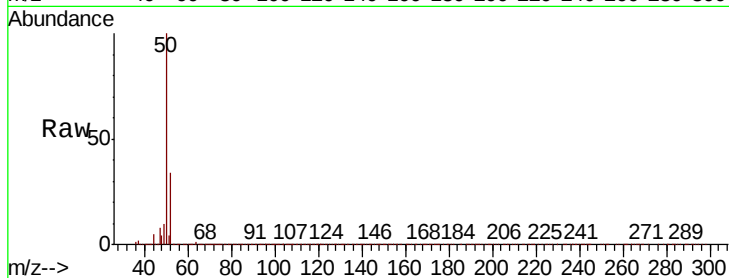
#3
Chloromethane
Concen: 19.436 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.7	26.6	40.0

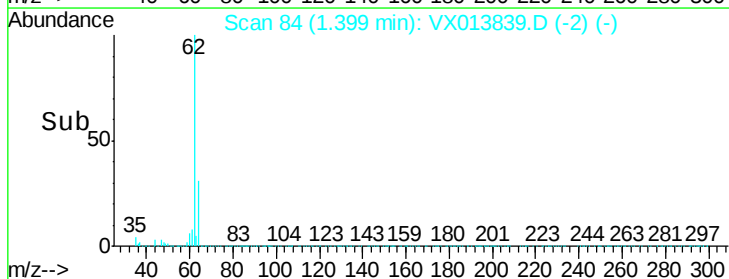
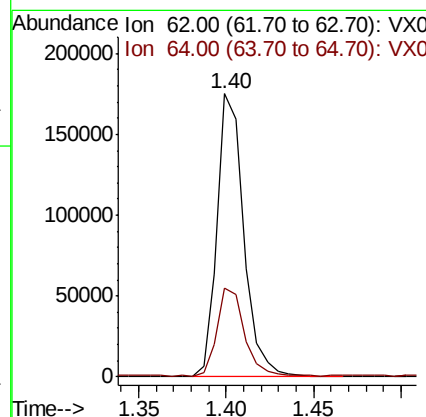
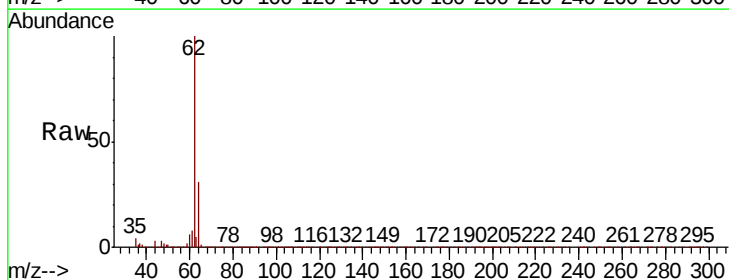
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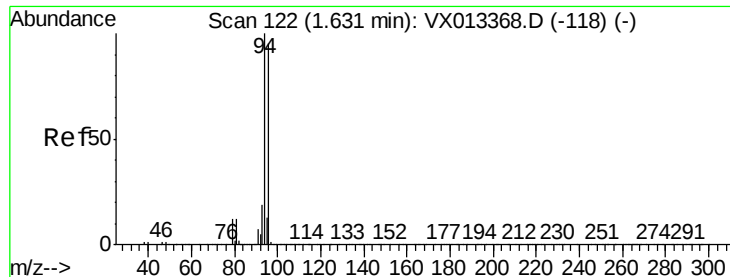
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#4
Vinyl Chloride
Concen: 19.256 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.4	38.2





#5

Bromomethane

Concen: 18.851 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 94 Resp: 108399

Ion Ratio Lower Upper

94 100

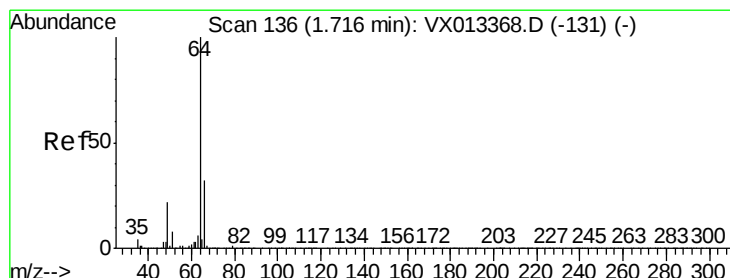
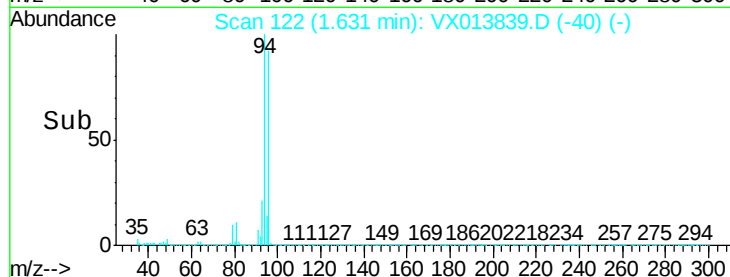
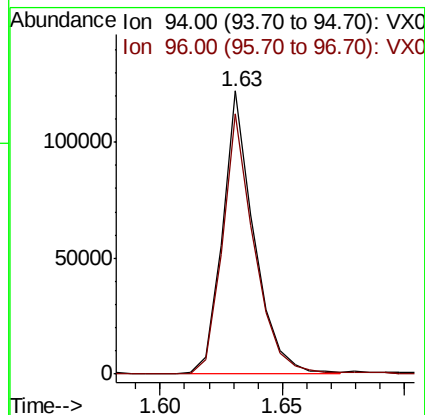
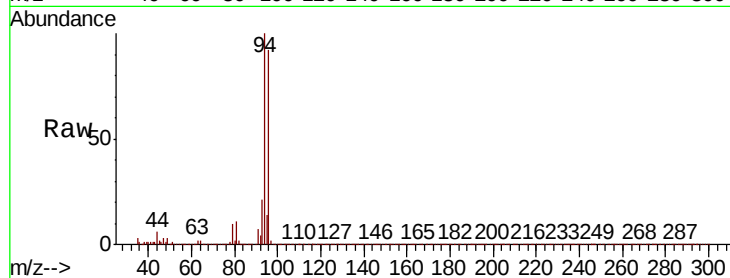
96 92.2 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 20.222 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013839.D

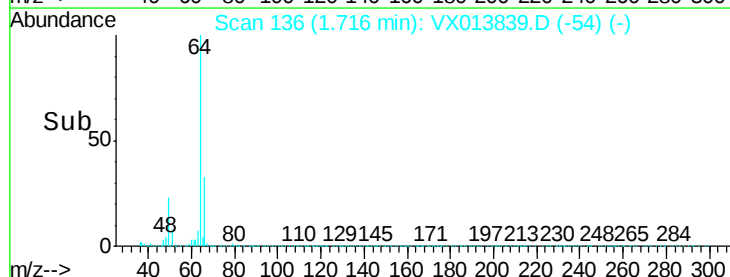
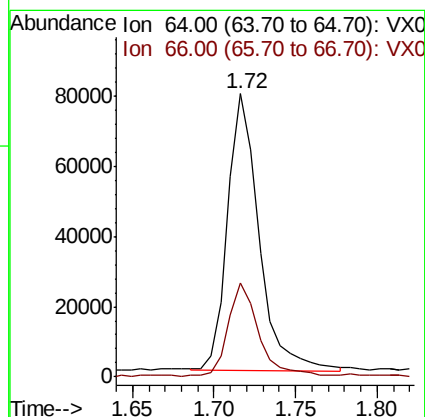
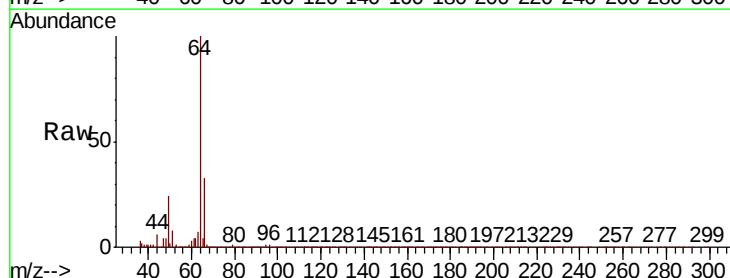
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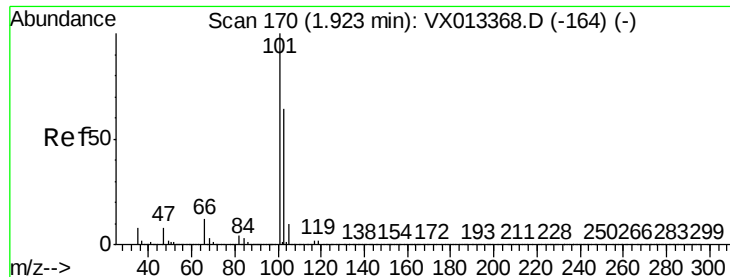
Tgt Ion: 64 Resp: 106324

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3





#7

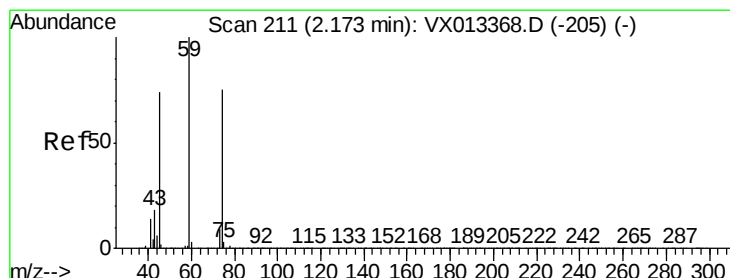
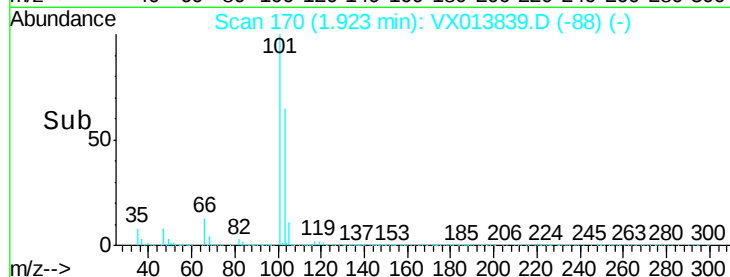
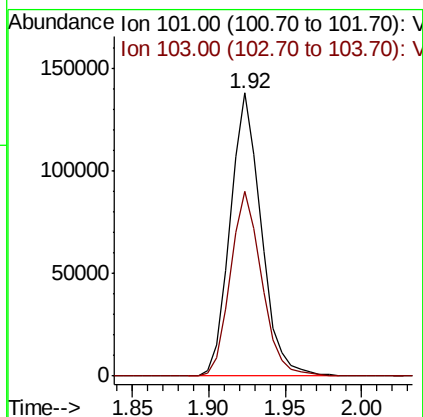
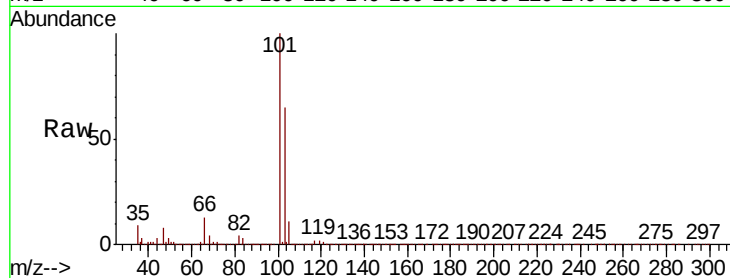
Trichlorofluoromethane
Concen: 18.833 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	193932		
103	65.1	51.2	76.8	

Manual Integrations
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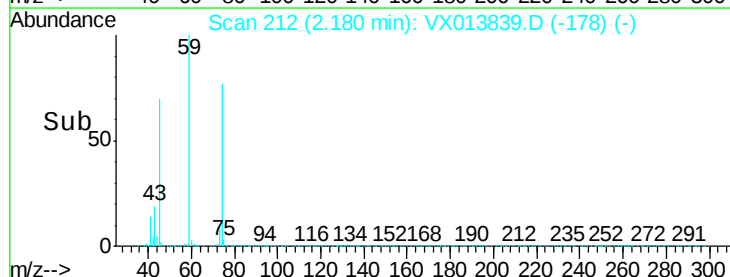
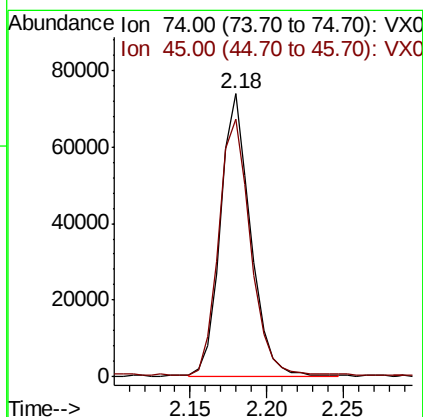
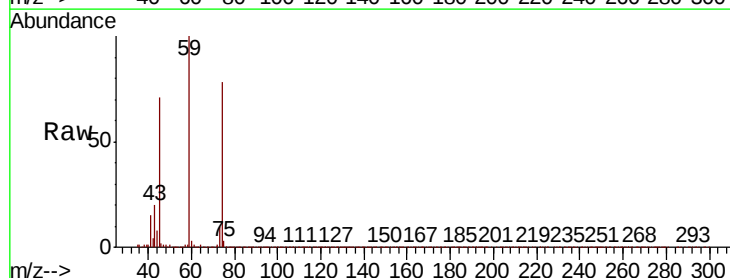
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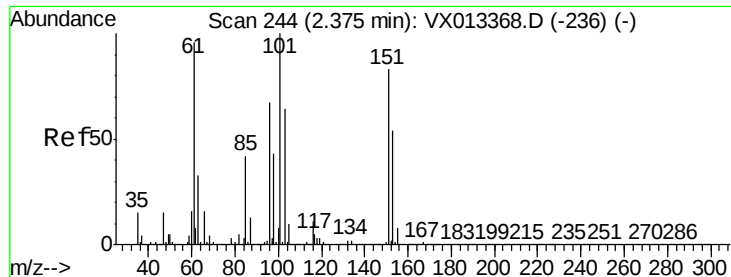


#8

Diethyl Ether
Concen: 21.342 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	100345		
45	95.8	19.5	175.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.908 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

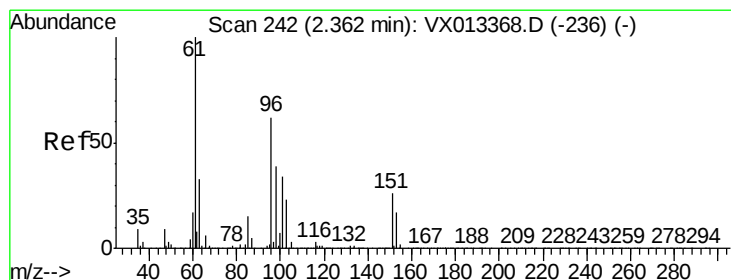
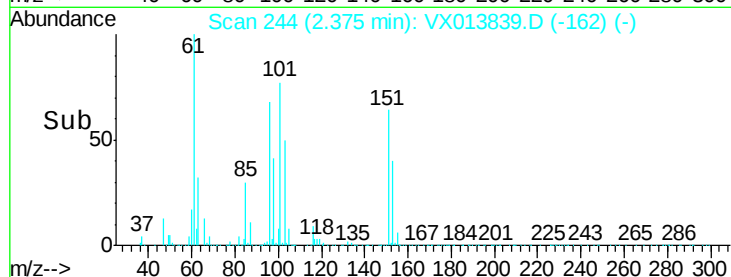
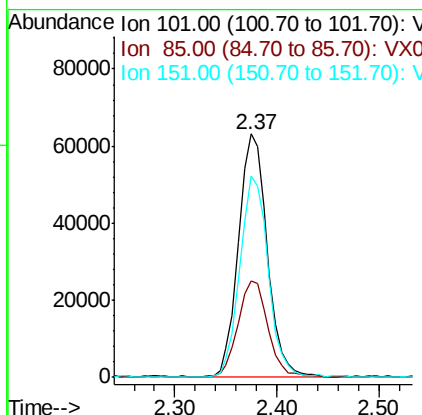
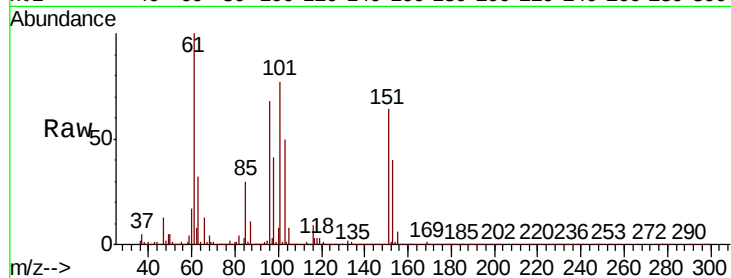
ClientSampleId :

VX1207WBS01

Tot Ion:	101	Resp:	123338
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	83.2
151	81.6	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.907 ug/l

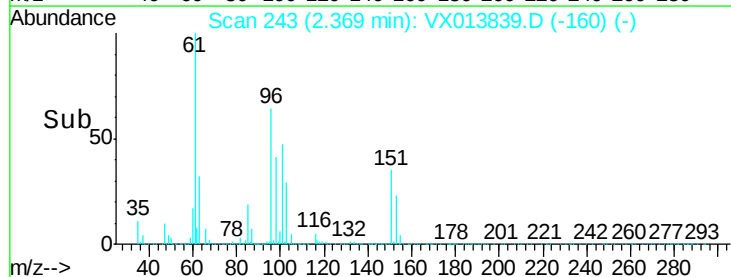
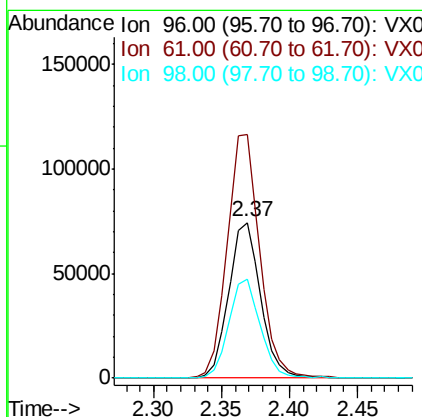
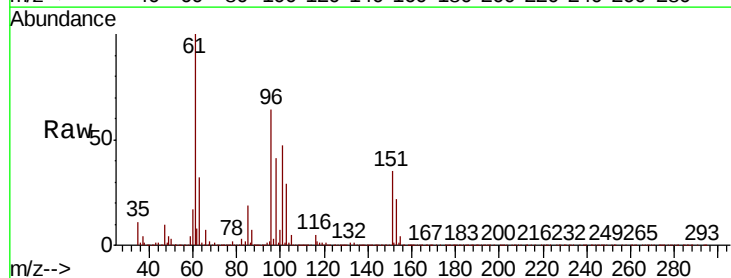
RT: 2.37 min Scan# 243

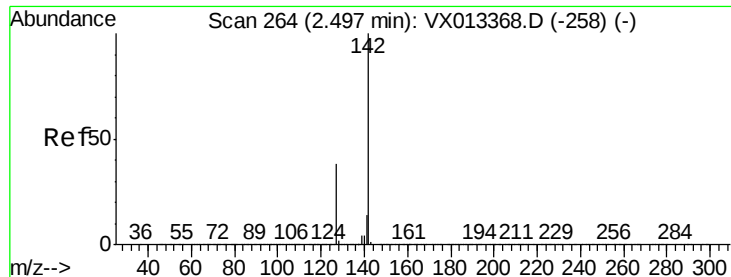
Delta R.T. 0.01 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	96	Resp:	120374
Ion Ratio	Lower	Upper	
96	100		
61	156.5	128.9	193.3
98	63.4	49.7	74.5





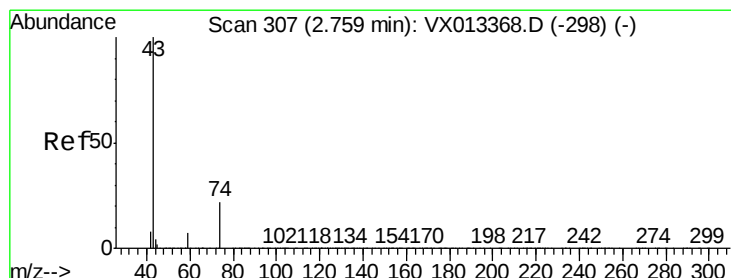
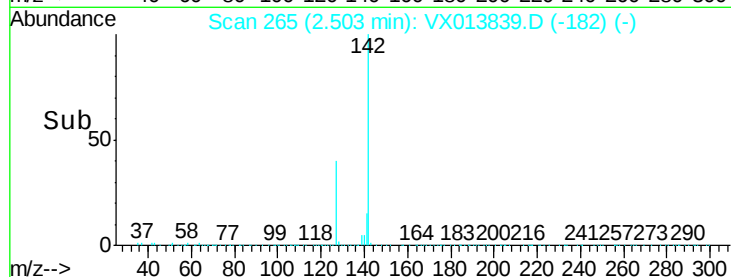
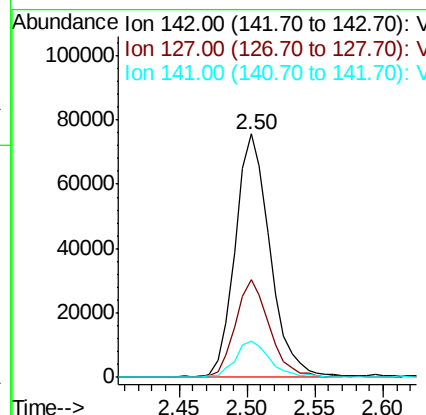
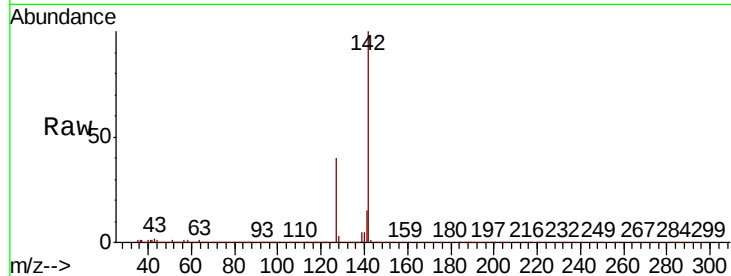
#11
Methyl Iodide
Concen: 17.089 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.9	19.1	57.5
141	14.5	7.0	21.0

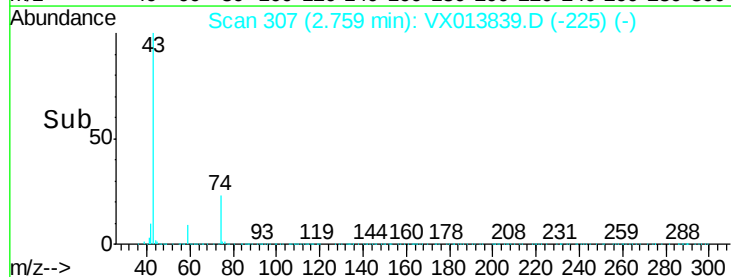
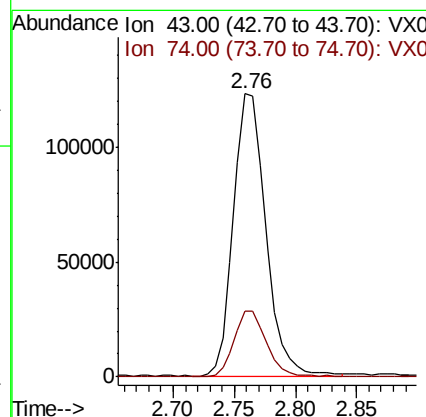
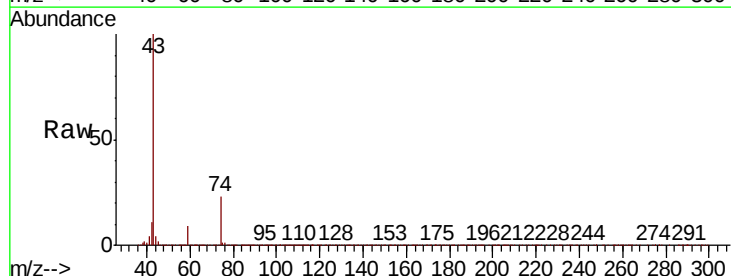
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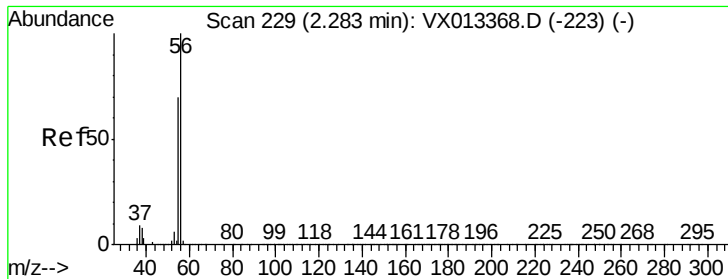
apatel
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#12
Methyl Acetate
Concen: 20.235 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





#13

Acrolein

Concen: 91.677 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 56 Resp: 108641

Ion Ratio Lower Upper

56 100

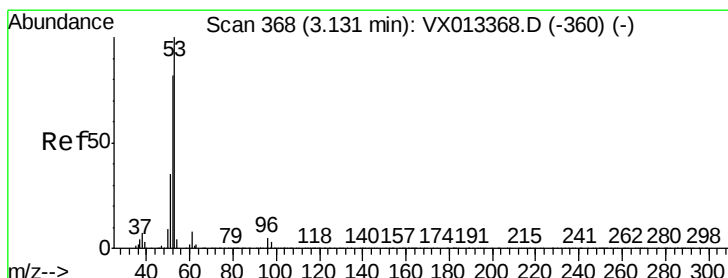
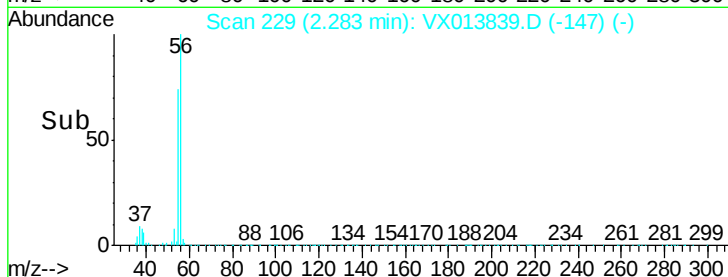
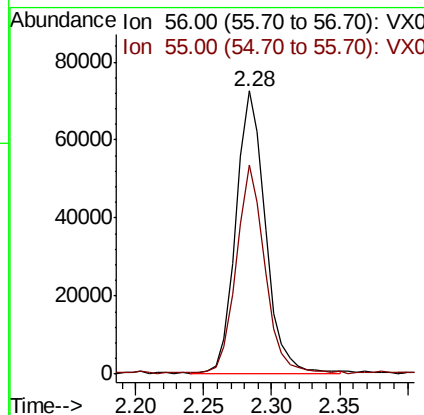
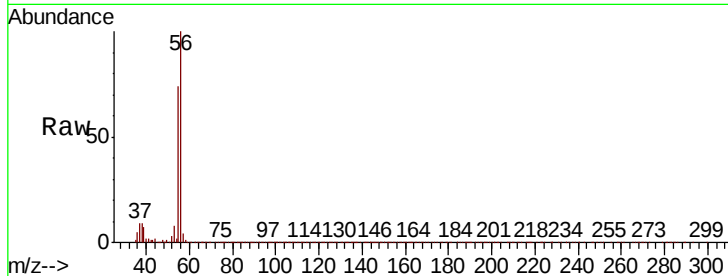
55 71.9 55.8 83.8

Manual Integrations

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#14

Acrylonitrile

Concen: 95.811 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

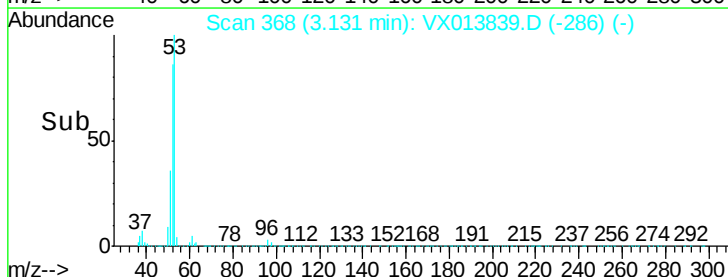
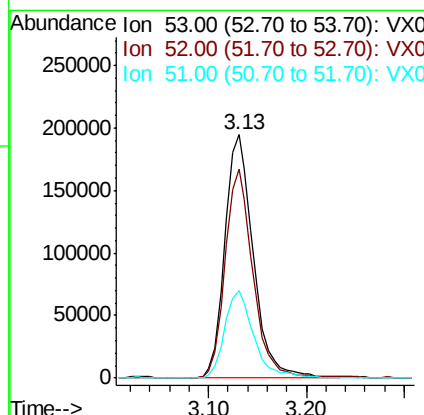
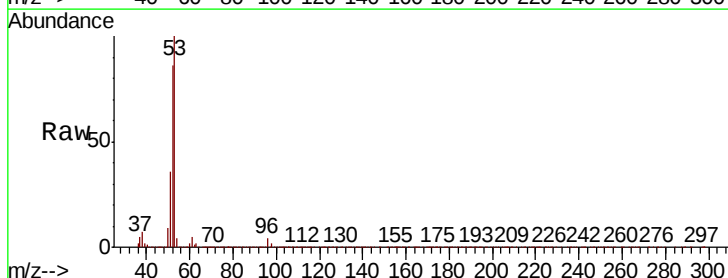
Tgt Ion: 53 Resp: 393054

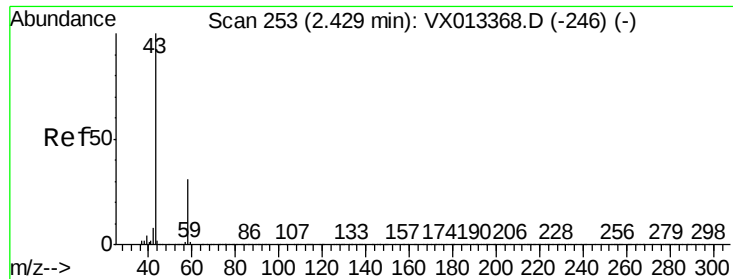
Ion Ratio Lower Upper

53 100

52 83.0 41.0 123.0

51 36.4 17.3 51.9





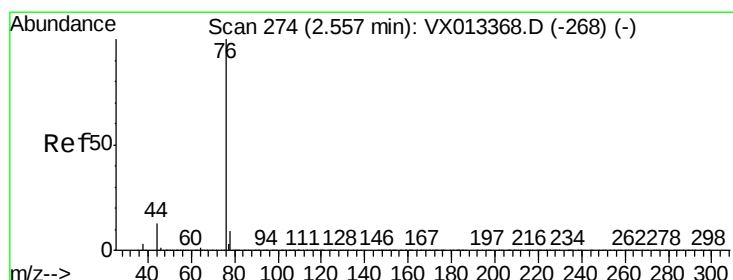
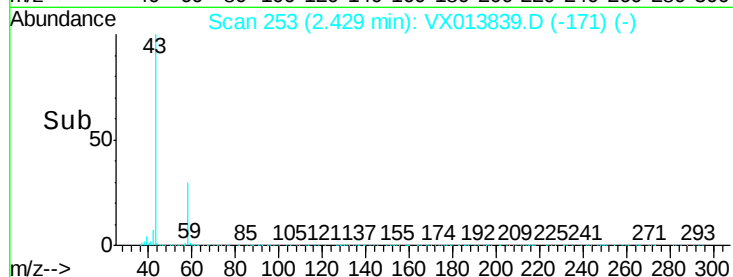
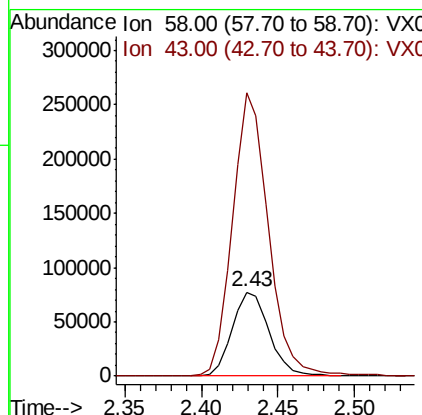
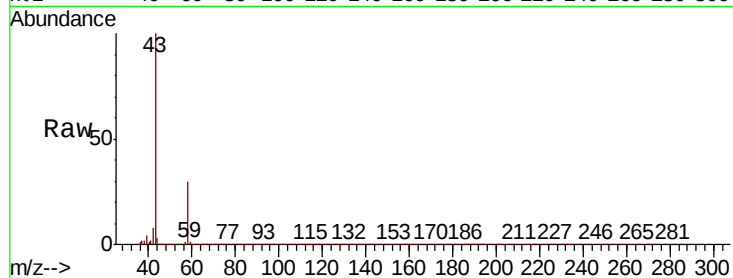
#15
Acetone
Concen: 104.042 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	58	Resp	129271
Ion Ratio	58	100	
Lower	43	335.9	261.4
Upper			392.2

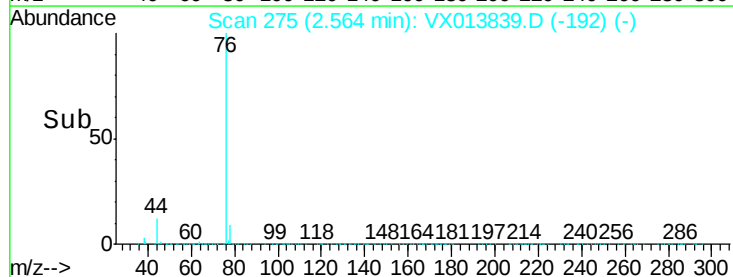
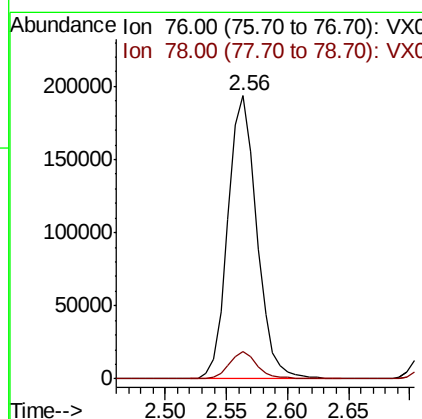
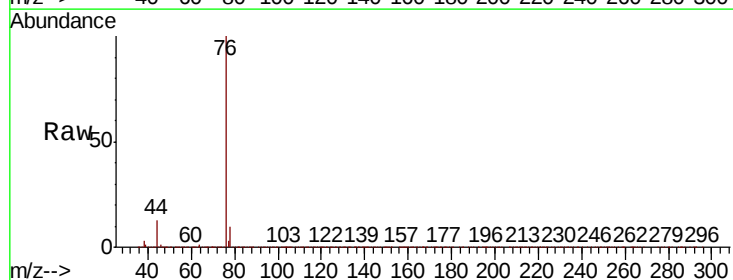
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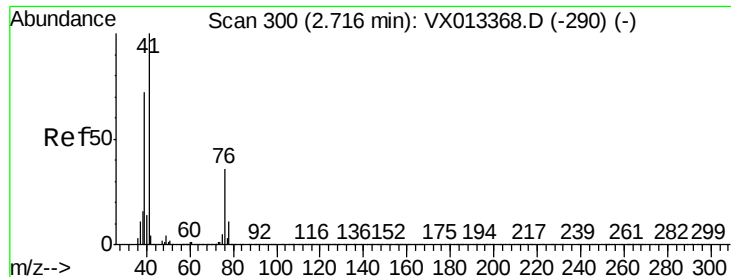
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#16
Carbon Disulfide
Concen: 17.805 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	76	Resp	316173
Ion Ratio	76	100	
Lower	78	9.4	7.4
Upper			11.0





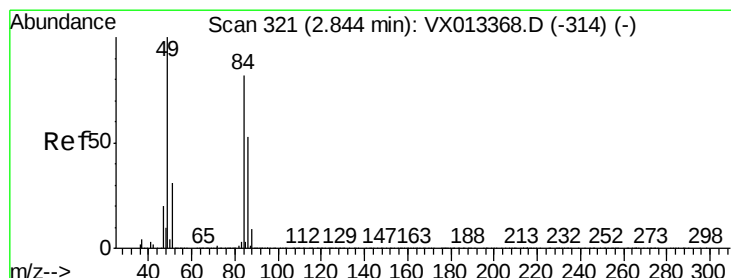
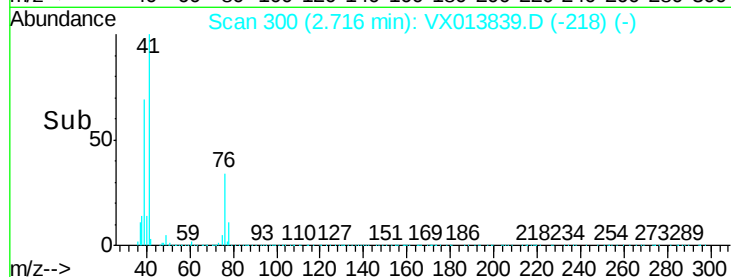
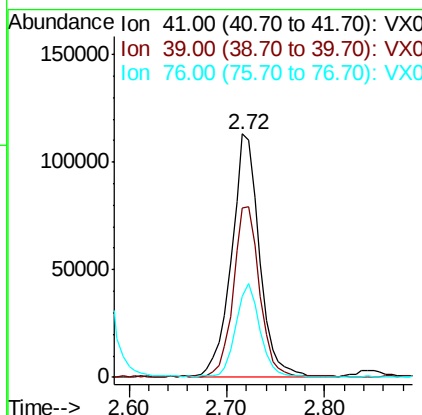
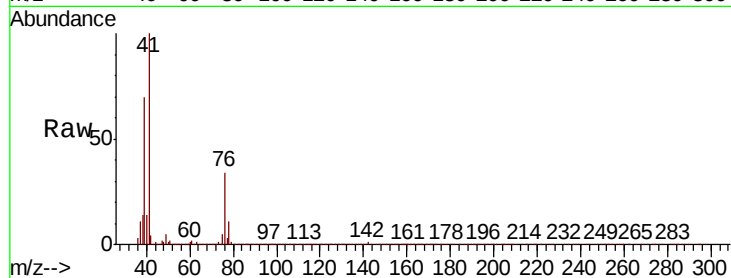
#17
Allvl chloride
Concen: 18.937 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.9	36.1	108.3
76	33.4	18.1	54.4

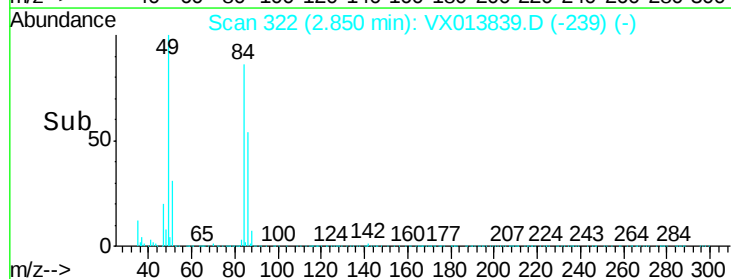
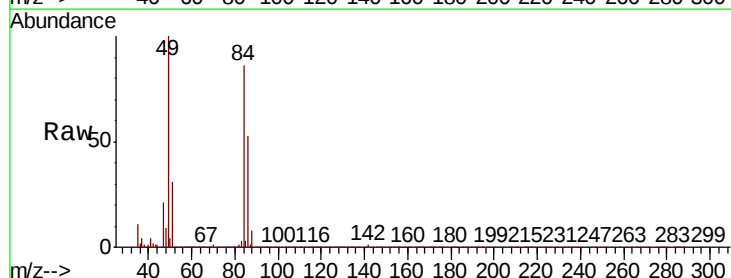
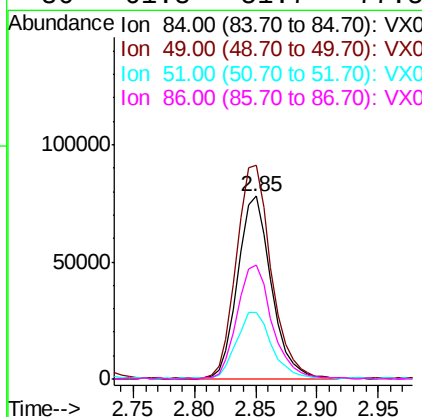
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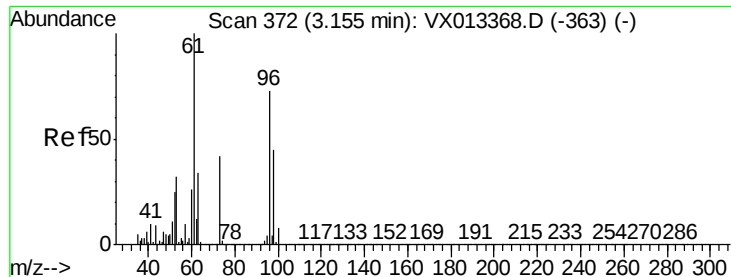
apatel
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#18
Methylene Chloride
Concen: 20.650 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	96.8	145.2
51	36.4	30.0	45.0
86	61.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.467 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

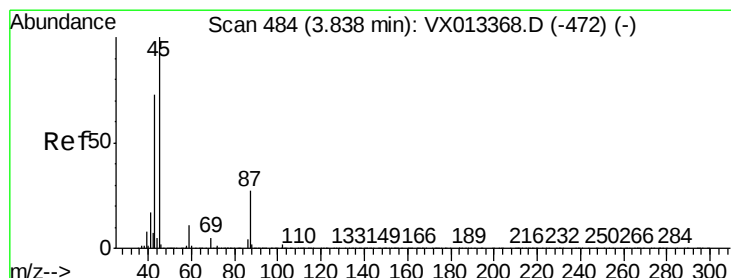
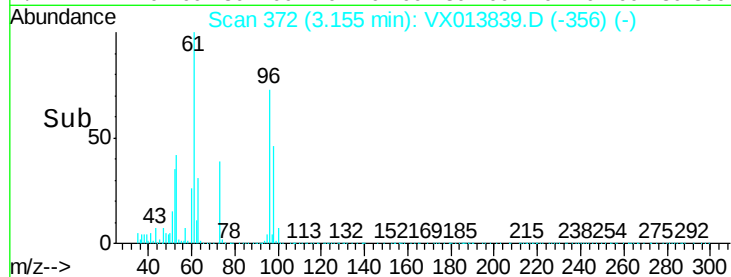
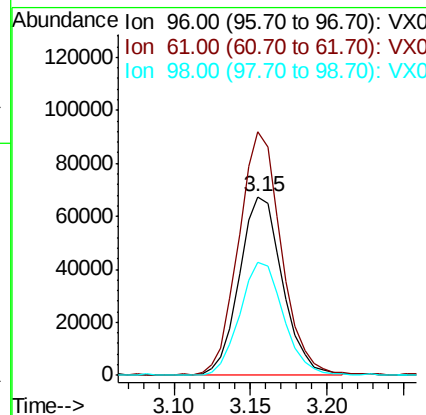
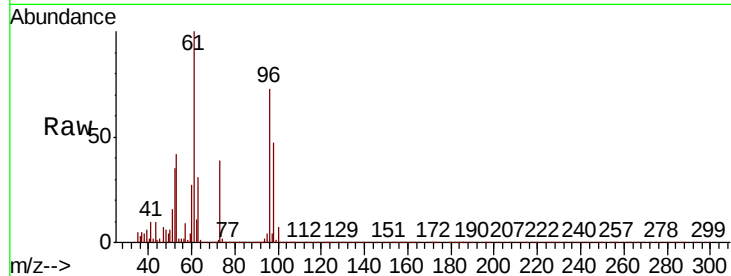
ClientSampleId :

VX1207WBS01

Tot Ion:	96	Resp:	132456
Ion Ratio	Lower	Upper	
96	100		
61	135.9	109.9	164.9
98	63.3	49.7	74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.658 ug/l

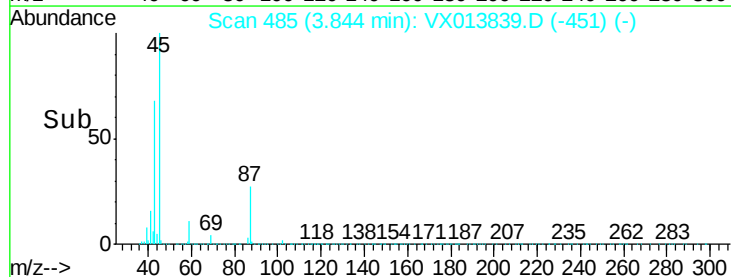
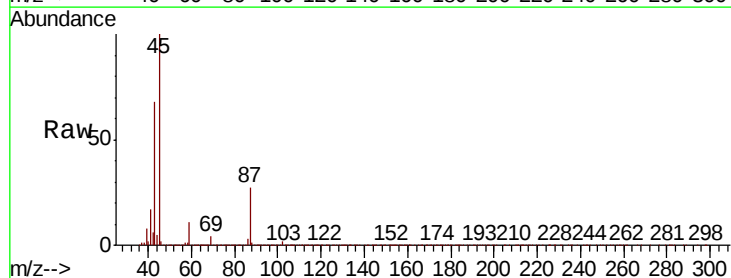
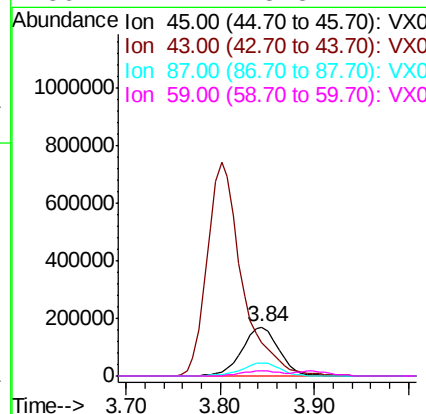
RT: 3.84 min Scan# 485

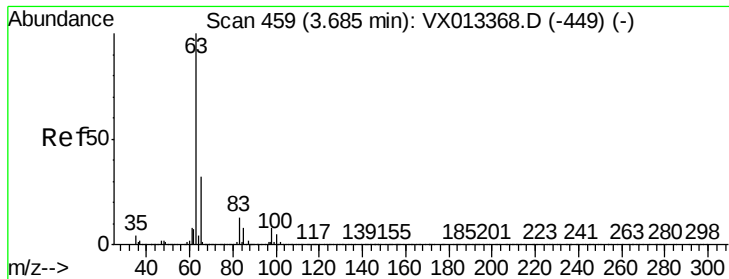
Delta R.T. 0.01 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	45	Resp:	465972
Ion Ratio	Lower	Upper	
45	100		
43	66.9	67.7	101.5#
87	26.4	21.5	32.3
59	11.1	8.5	12.7





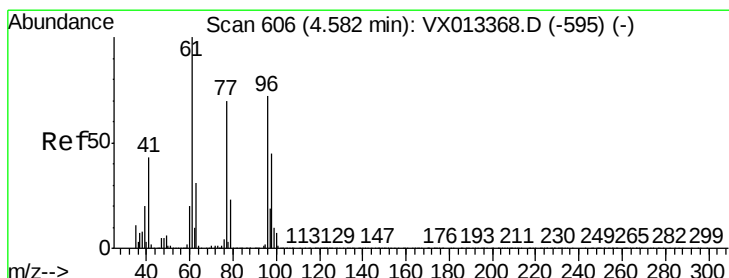
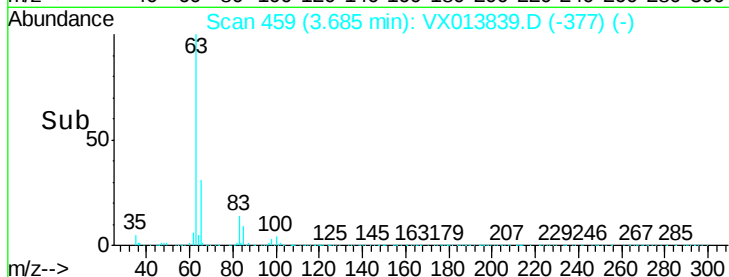
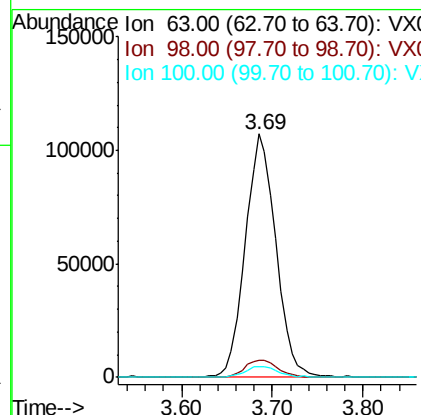
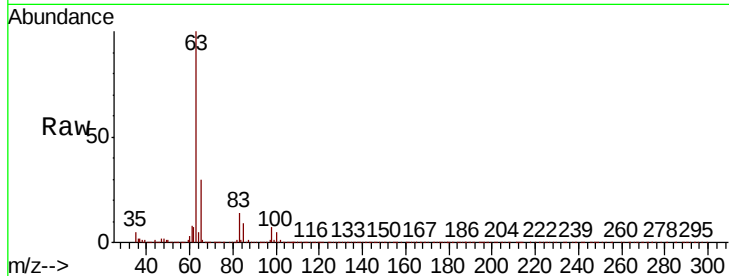
#21
 1,1-Dichloroethane
 Concen: 20.268 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.9	4.0	11.9
100	4.4	2.5	7.5

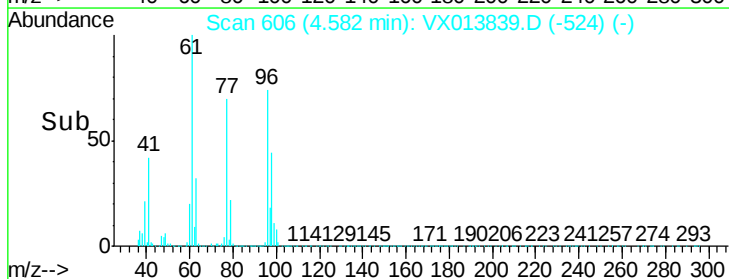
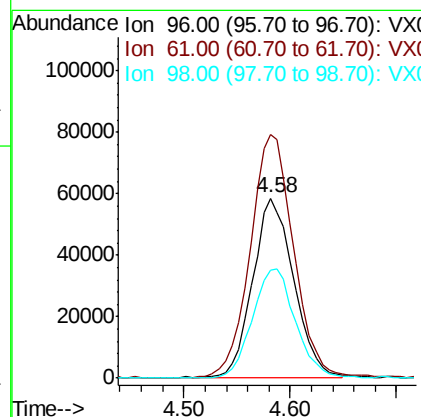
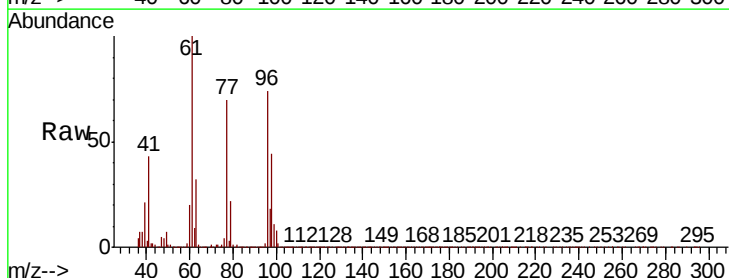
Manual Integrations
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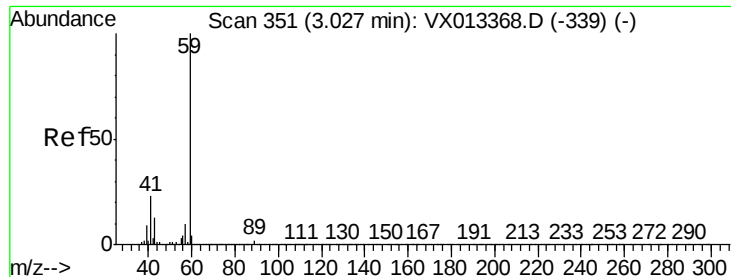
apatel
 12/11/2019 8:55:51 AM



#22
 cis-1,2-Dichloroethene
 Concen: 20.362 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	143.6	117.0	175.6
98	63.7	51.1	76.7





#23

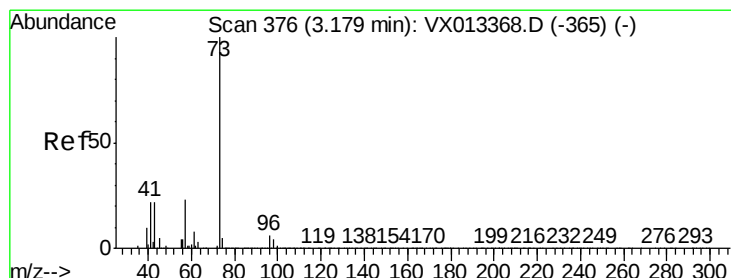
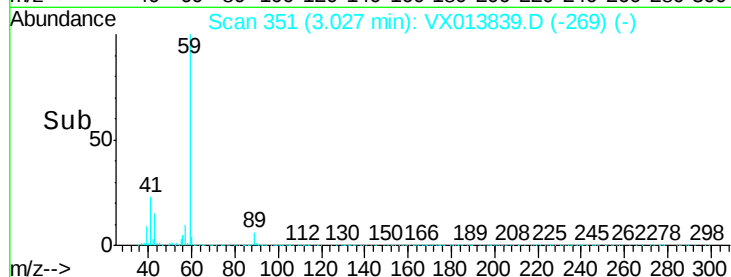
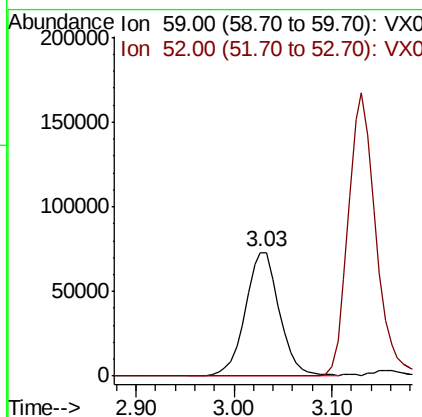
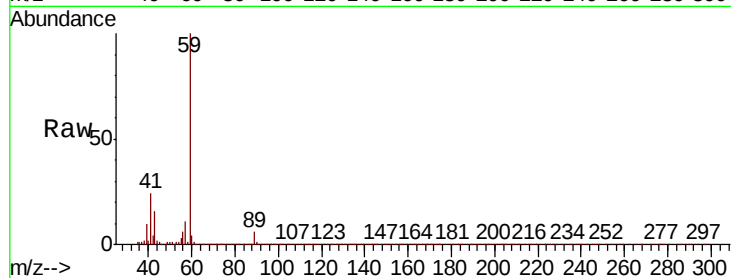
tert-Butyl Alcohol
Concen: 89.552 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

Manual Integrations
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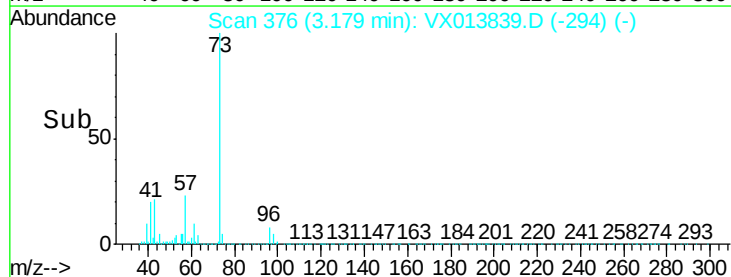
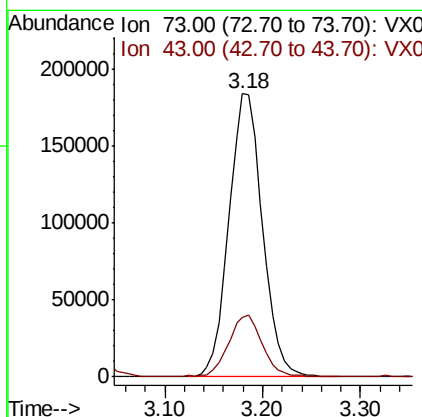
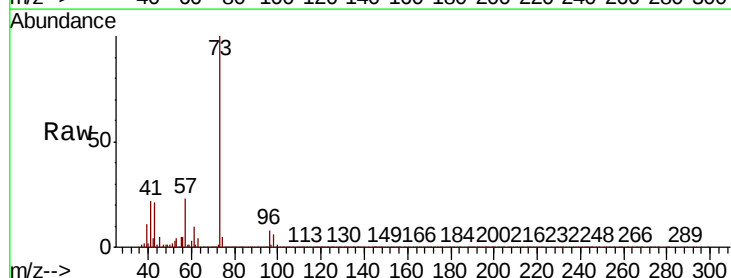
apatel
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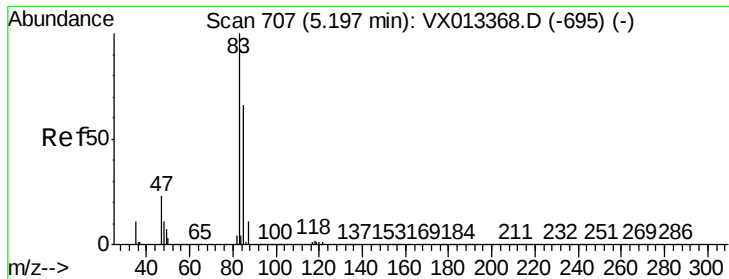


#24

Methyl tert-Butyl Ether
Concen: 20.698 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.0	25.6





#25

Chloroform

Concen: 20.097 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 83 Resp: 241685

Ion Ratio Lower Upper

83 100

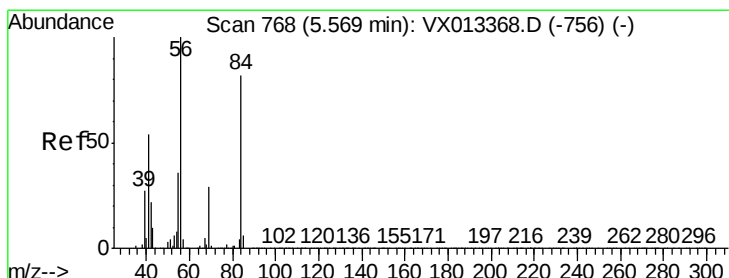
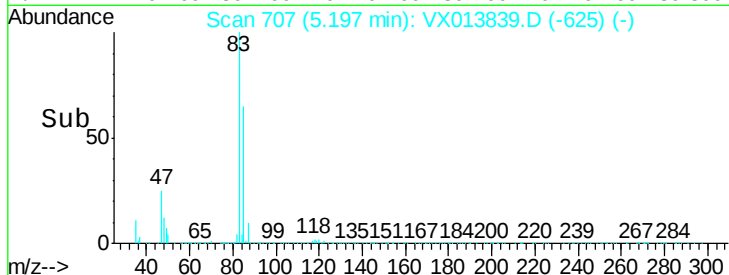
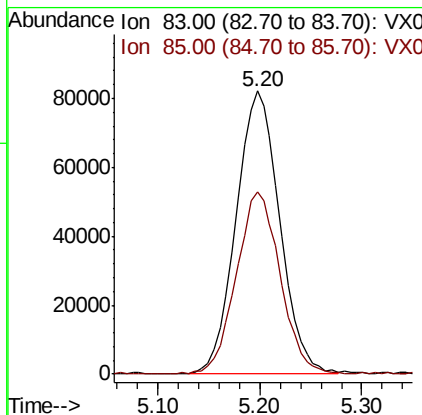
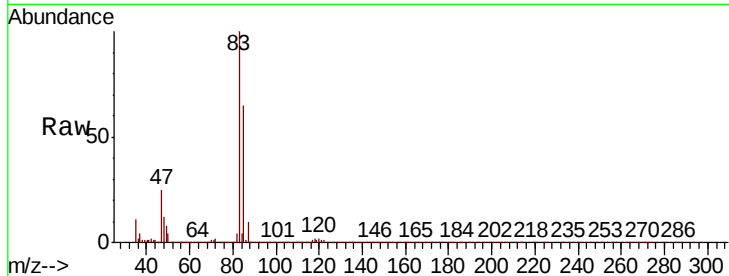
85 64.3 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 18.949 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

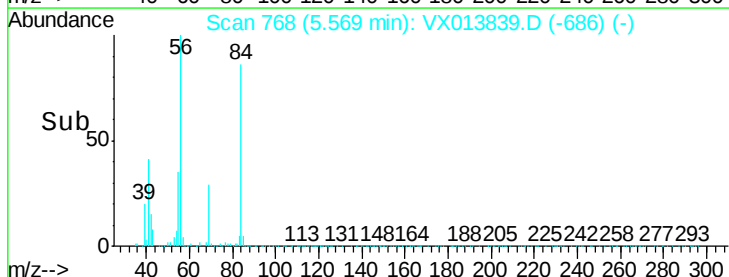
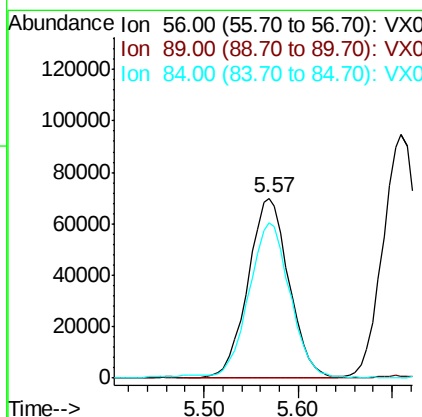
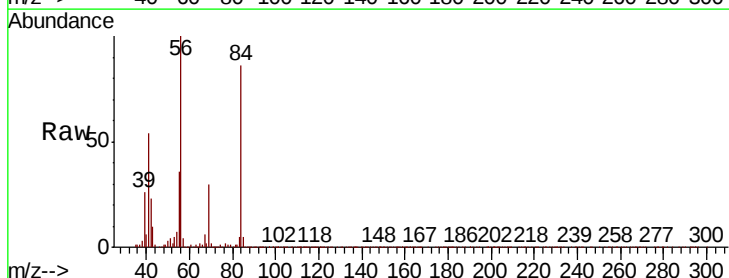
Tgt Ion: 56 Resp: 211413

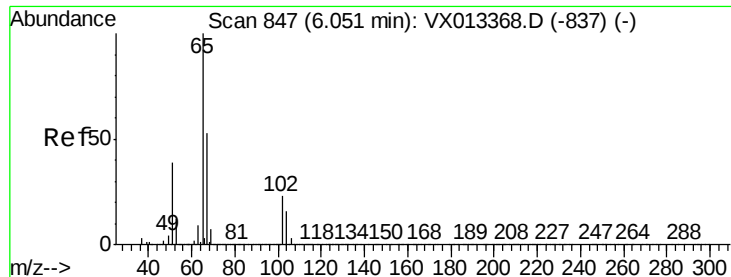
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 86.4 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.706 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 65 Resp: 218518

Ion Ratio Lower Upper

65 100

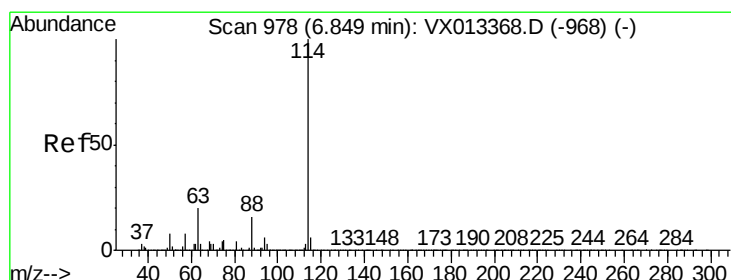
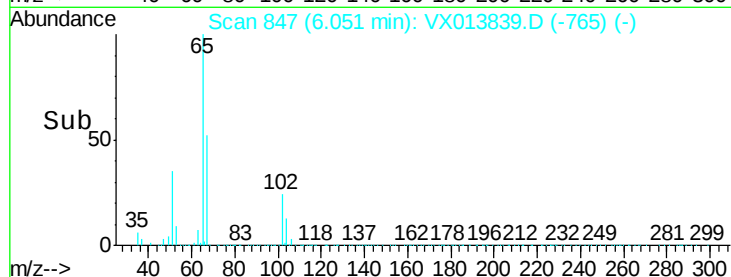
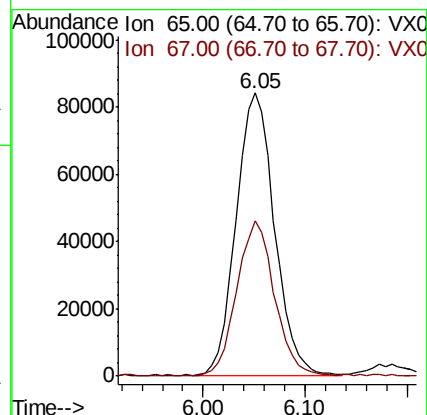
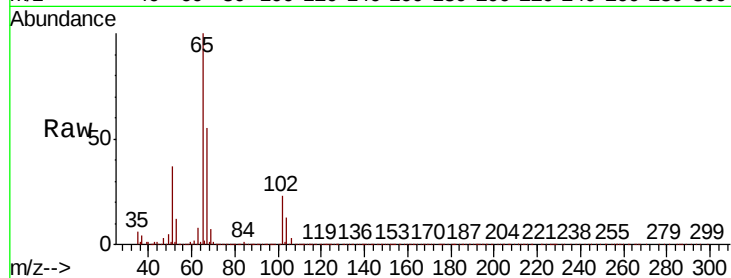
67 53.4 41.0 61.6

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

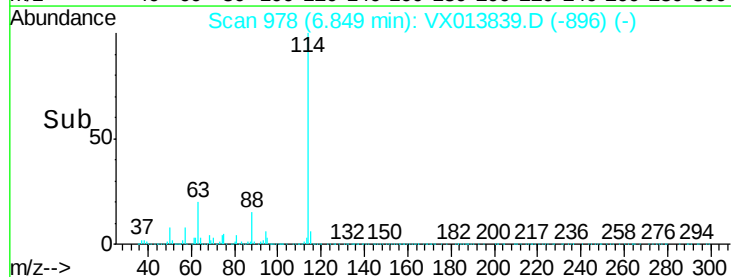
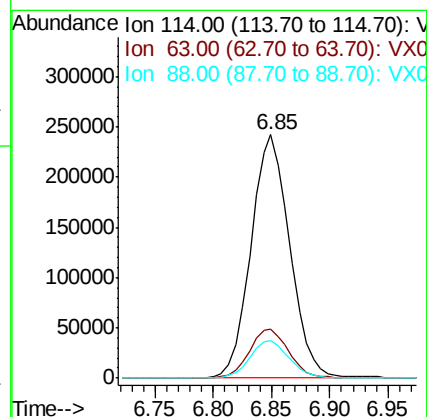
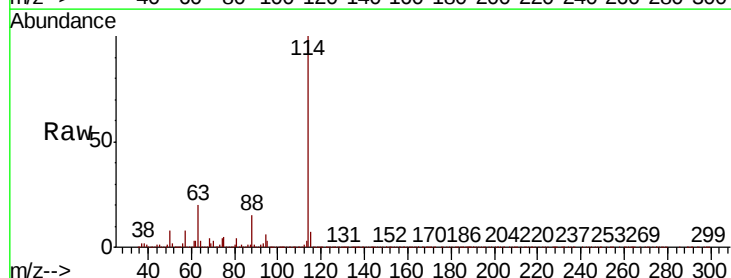
Tgt Ion: 114 Resp: 557712

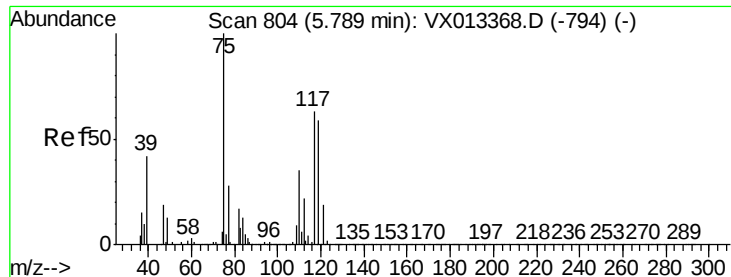
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.6 12.3 18.5





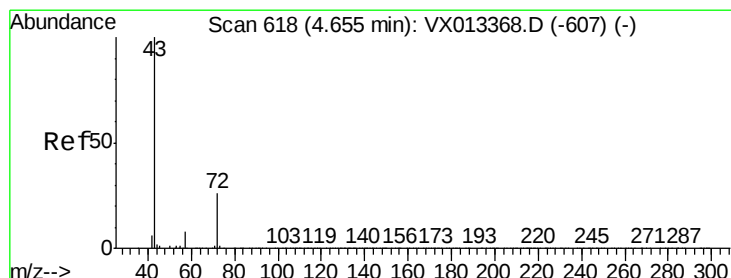
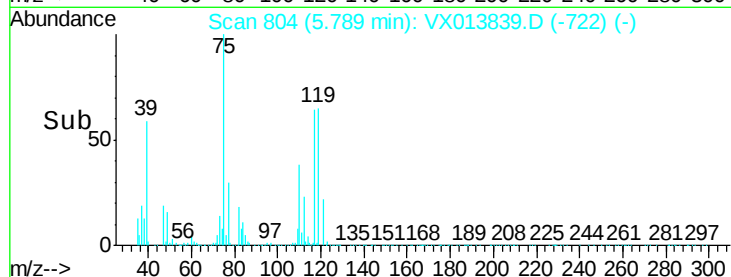
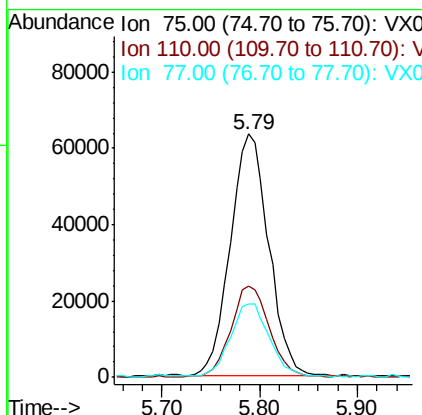
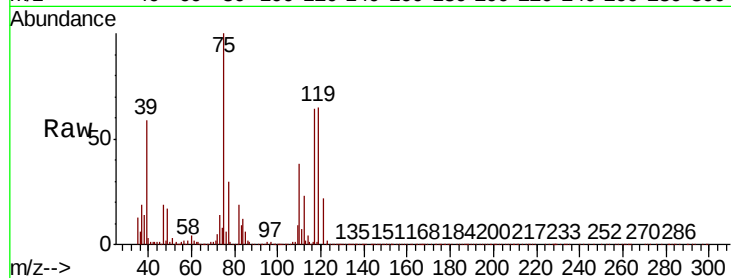
#29
 1,1-Dichloropropene
 Concen: 20.179 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	38.0	0.0	74.6
77	31.4	0.0	62.6

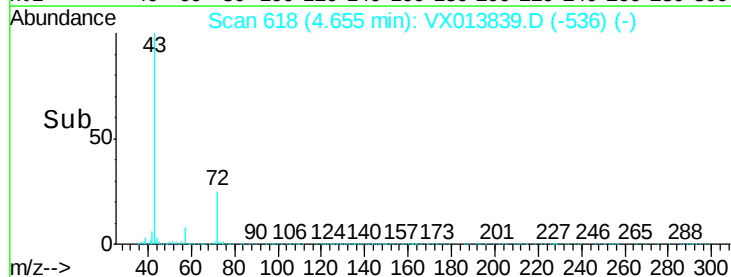
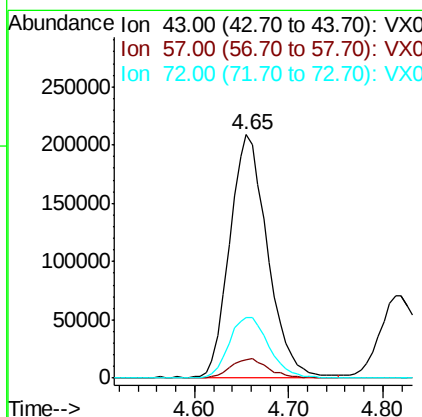
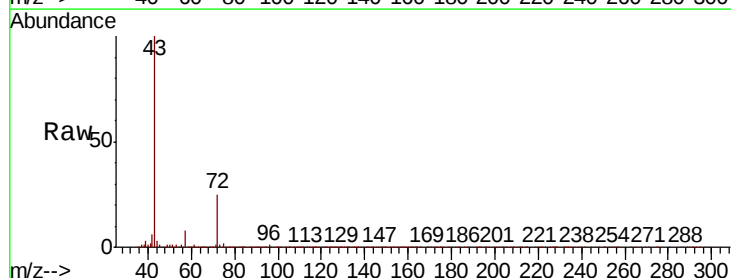
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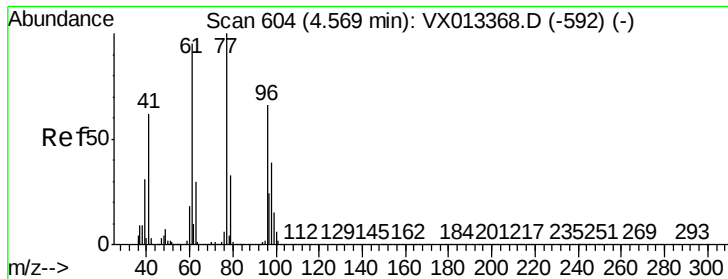
apatel
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#30
 2-Butanone
 Concen: 103.583 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.1	9.1
72	25.6	20.5	30.7





#31

2,2-Dichloropropane

Concen: 21.025 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 77 Resp: 193961

Ion Ratio Lower Upper

77 100

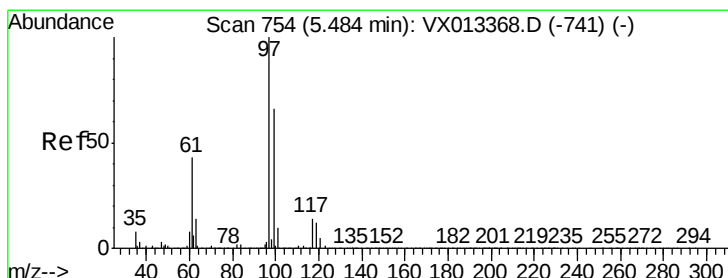
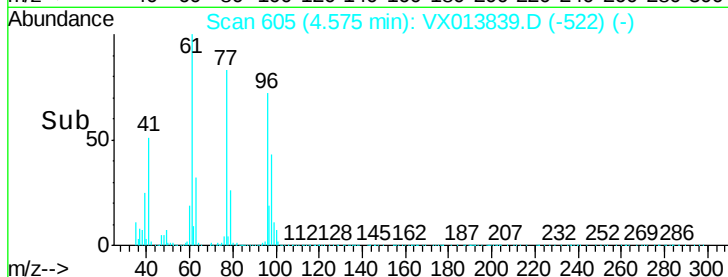
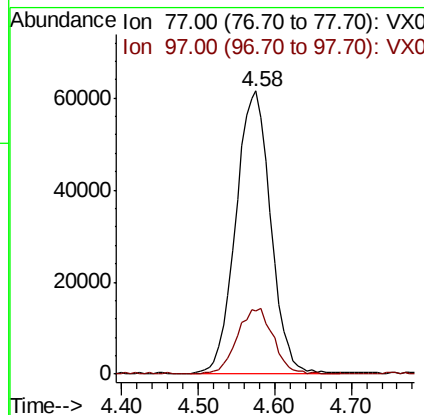
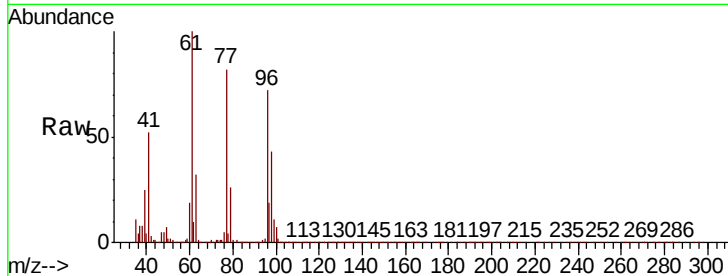
97 24.0 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 20.484 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

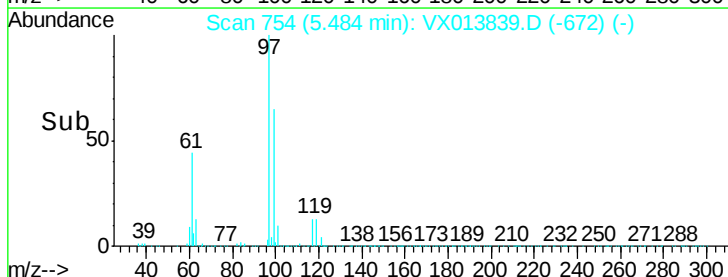
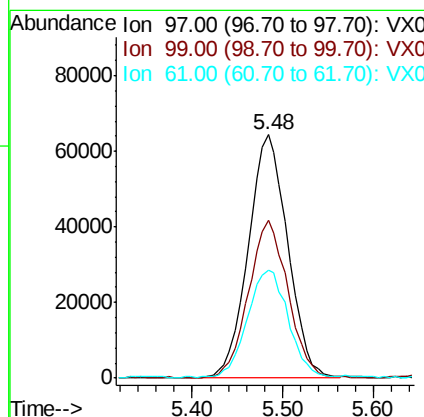
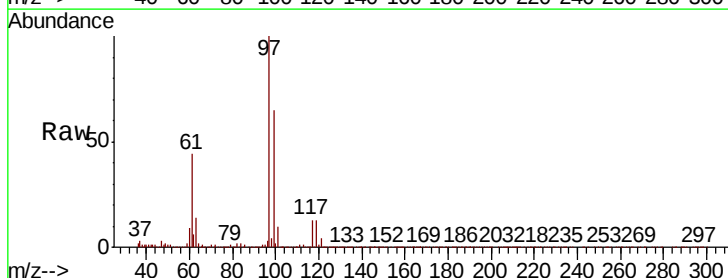
Tgt Ion: 97 Resp: 193946

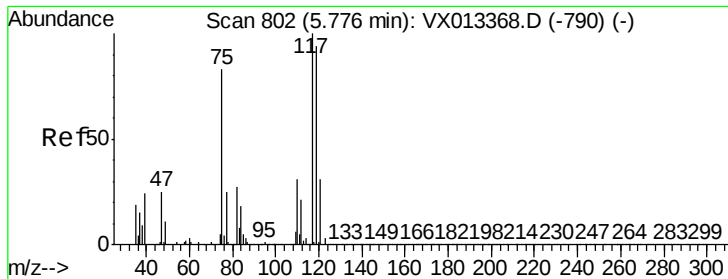
Ion Ratio Lower Upper

97 100

99 64.5 52.5 78.7

61 44.3 36.1 54.1





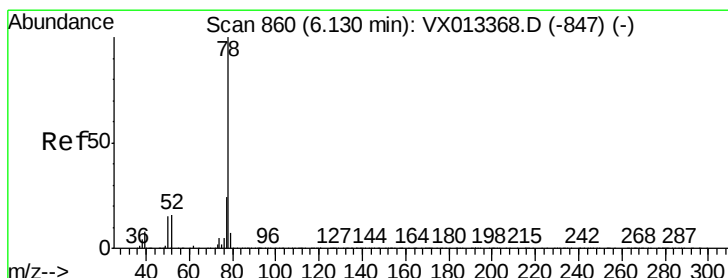
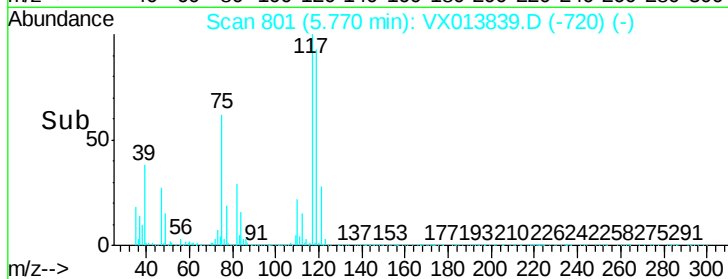
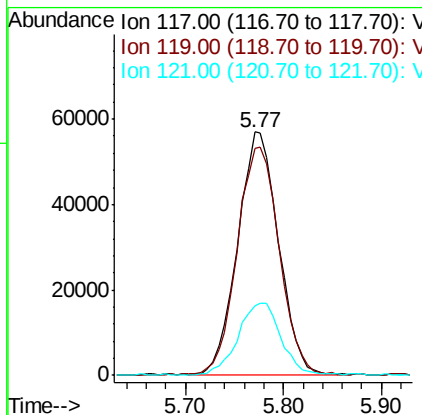
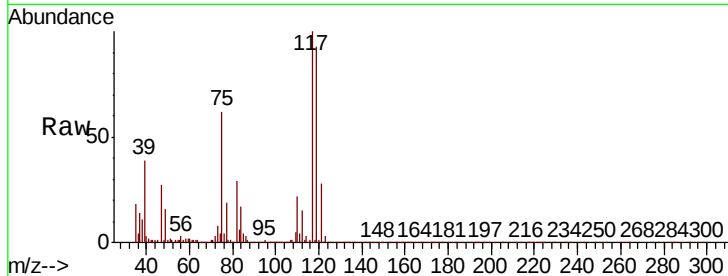
#33
Carbon Tetrachloride
Concen: 19.983 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.0	112.6
121	28.3	24.9	37.3

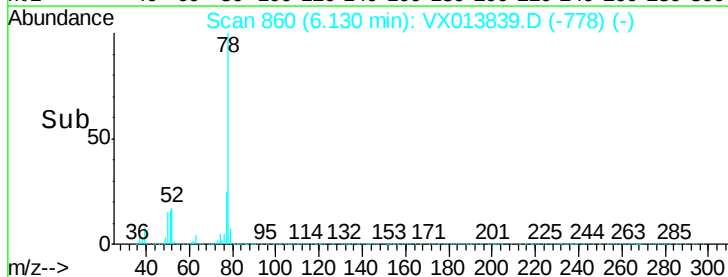
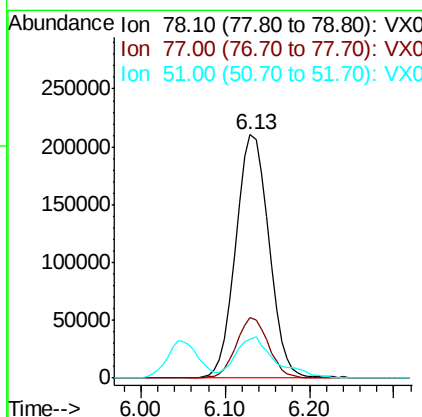
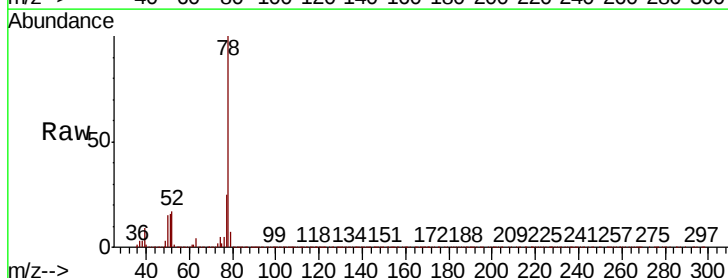
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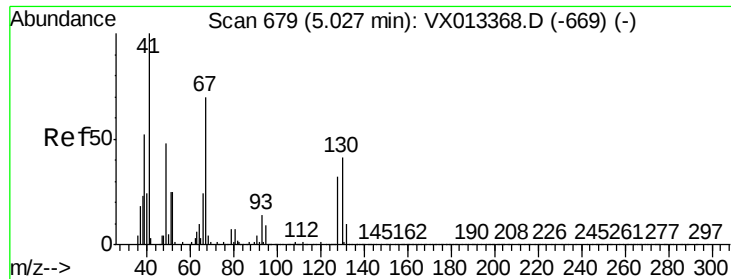
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#34
Benzene
Concen: 21.817 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9
51	15.8	12.2	18.4





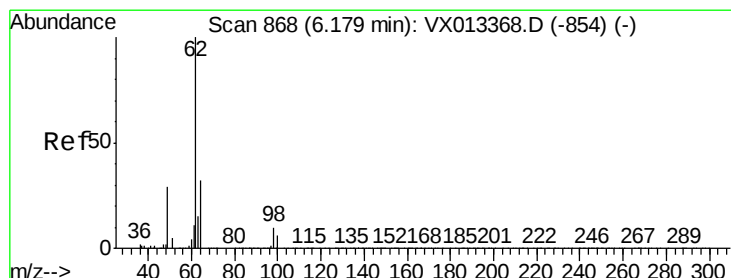
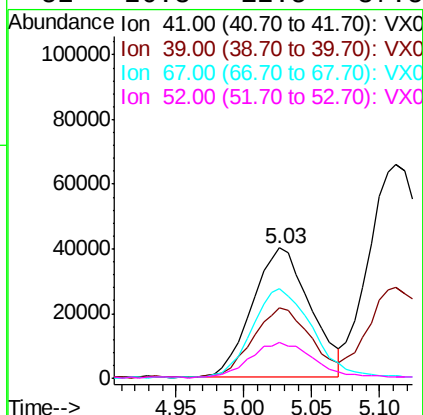
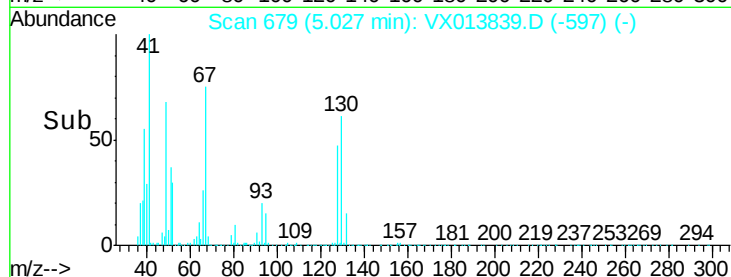
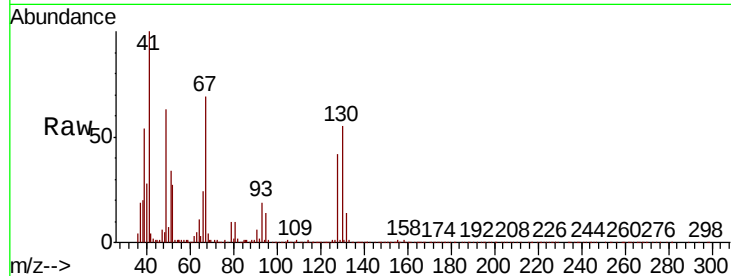
#35
Methacrylonitrile
Concen: 21.254 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	25.9	77.8	
67	68.5	35.1	105.5	
52	26.3	12.5	37.5	

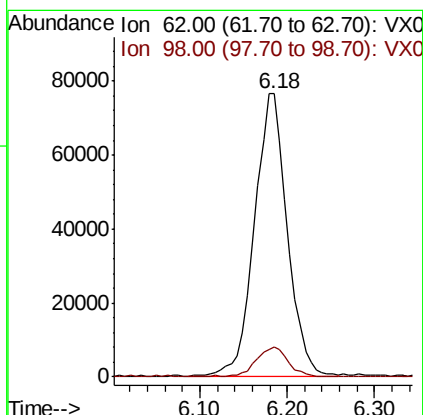
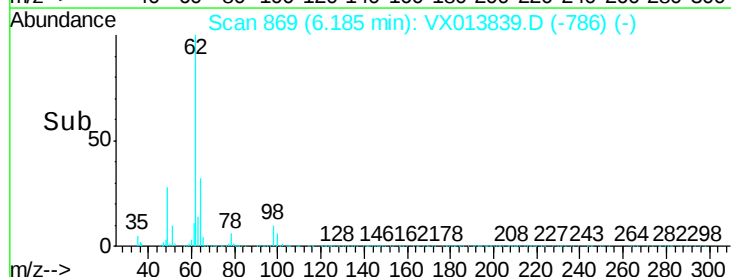
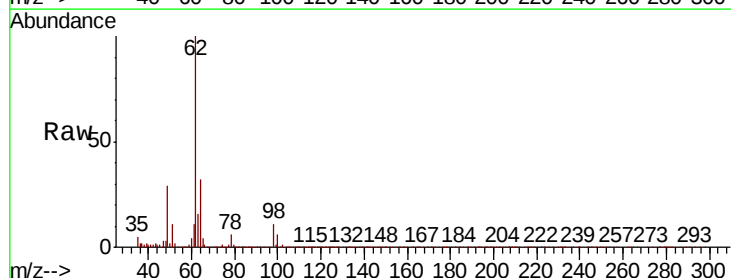
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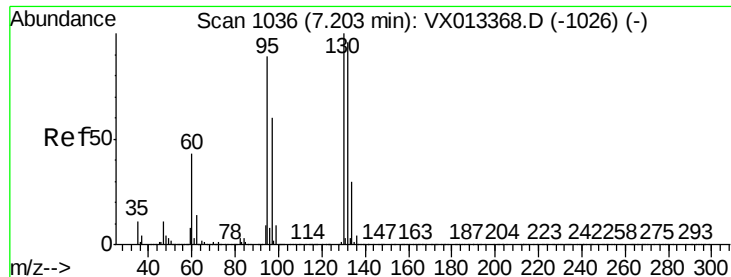
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#36
1,2-Dichloroethane
Concen: 22.068 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	8.2	12.2	





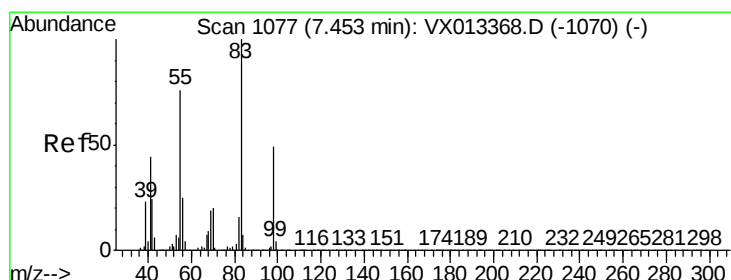
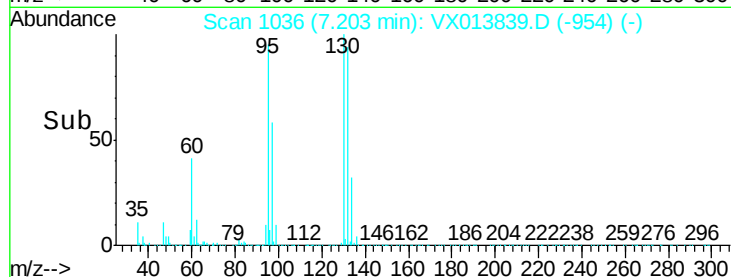
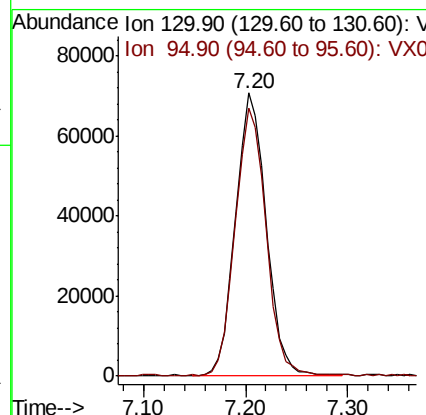
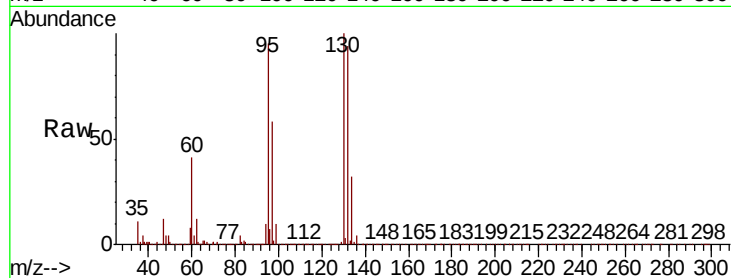
#37
 Trichloroethene
 Concen: 21.385 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	148030		
95	94.2	71.3	106.9	

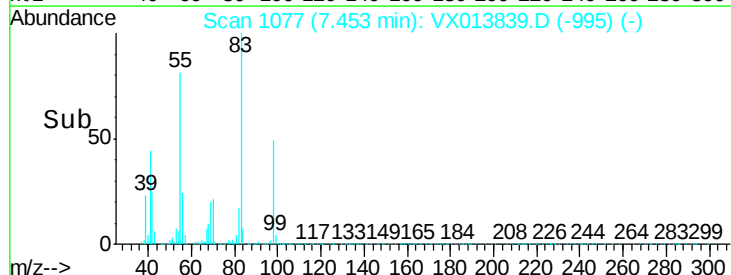
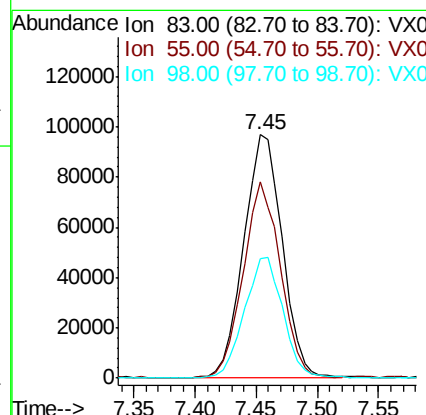
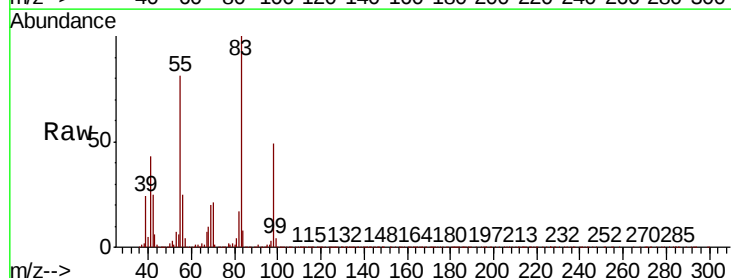
Manual Integrations
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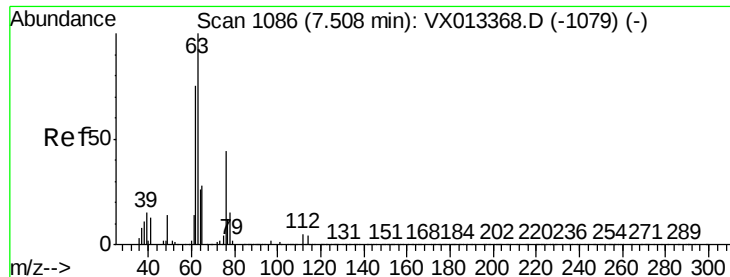
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#38
 Methylcyclohexane
 Concen: 20.247 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	211477		
55	77.8	37.9	113.7	
98	50.0	25.1	75.3	





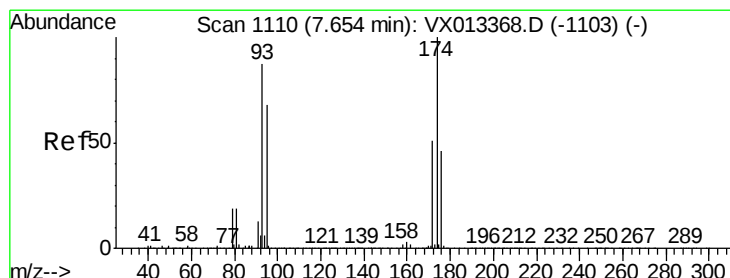
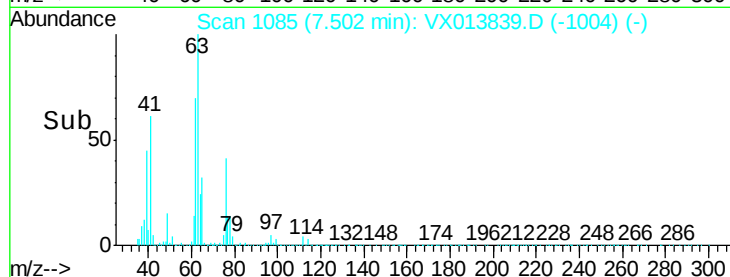
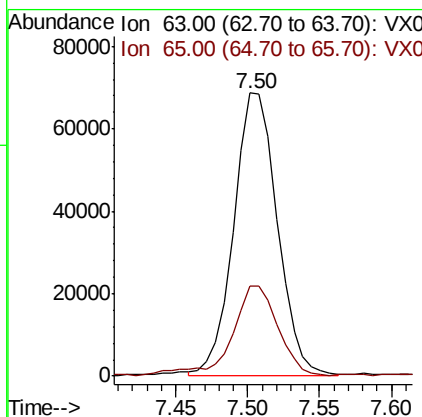
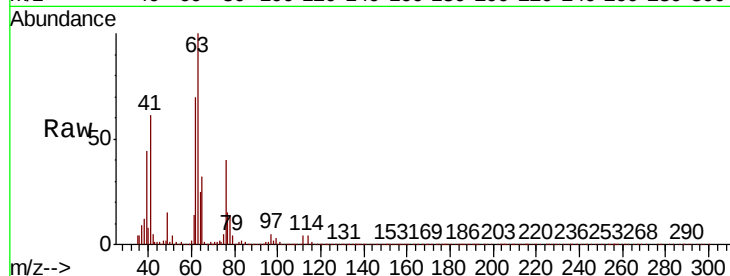
#39
 1,2-Dichloropropane
 Concen: 21.518 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.8	35.8

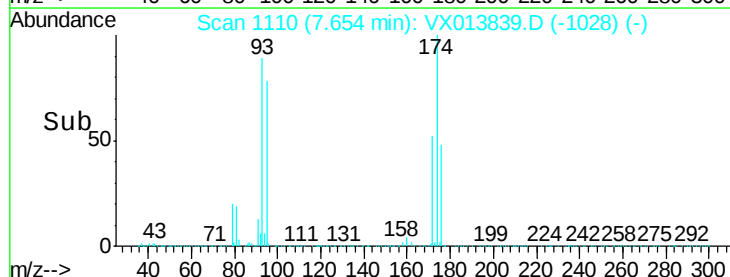
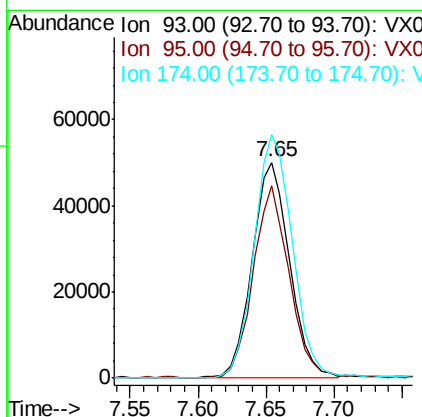
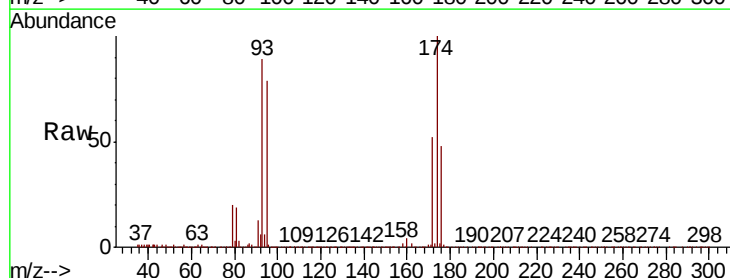
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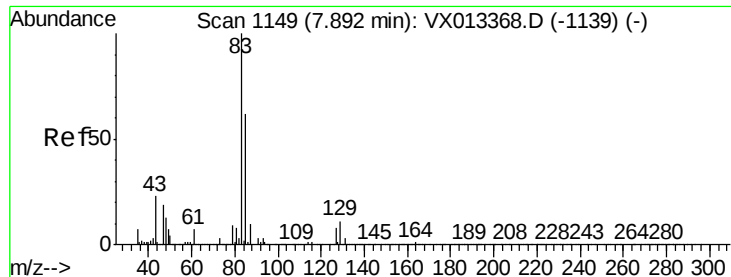
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#40
 Dibromomethane
 Concen: 21.826 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	0.0	160.8
174	114.6	0.0	228.8





#41

Bromodichloromethane

Concen: 21.736 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

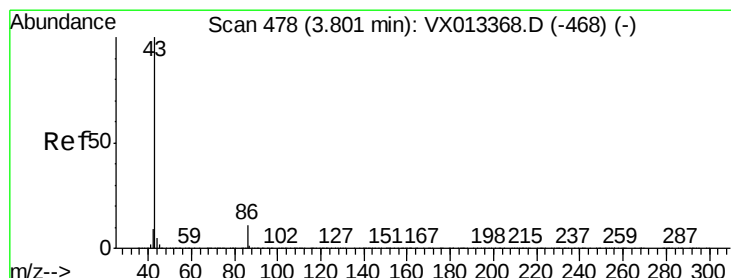
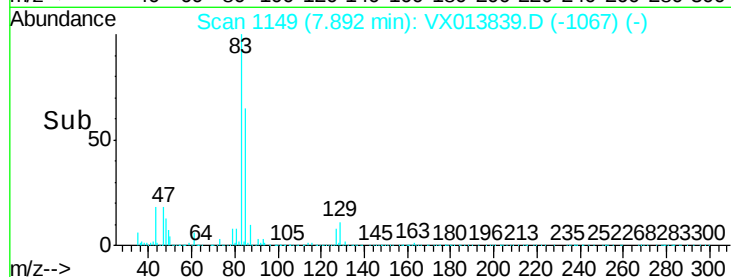
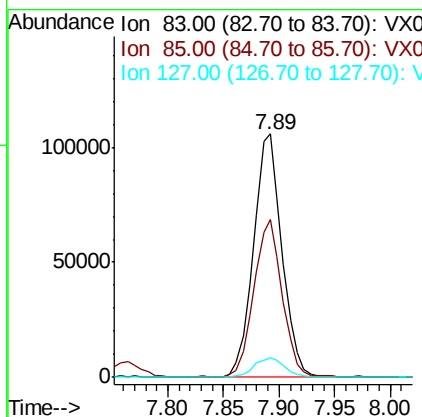
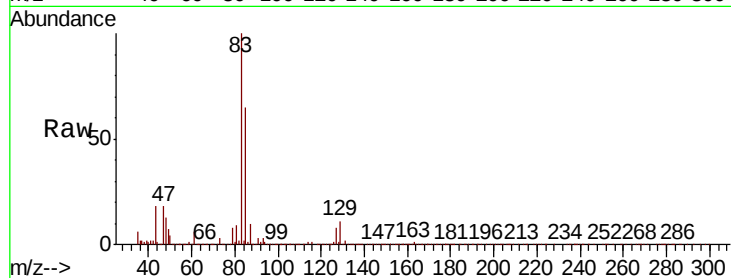
ClientSampleId :

VX1207WBS01

Tot Ion:	83	Resp:	188657
Ion Ratio		Lower	Upper
83	100		
85	64.7	49.3	73.9
127	8.0	6.6	10.0

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#42

Vinyl Acetate

Concen: 108.004 ug/l

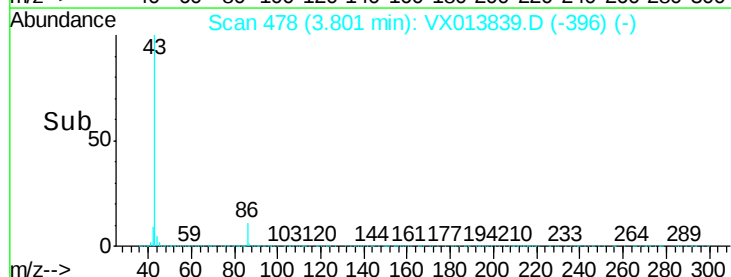
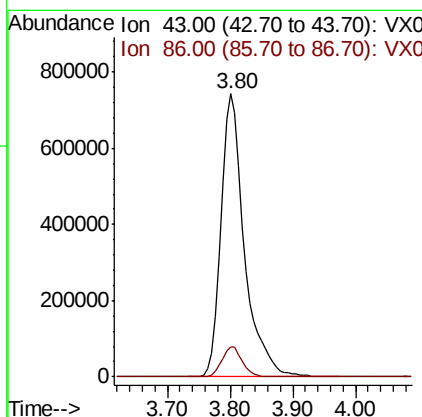
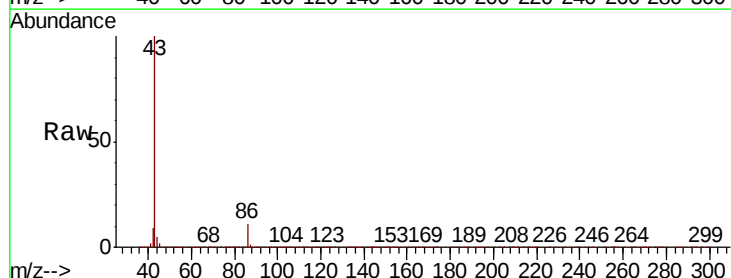
RT: 3.80 min Scan# 478

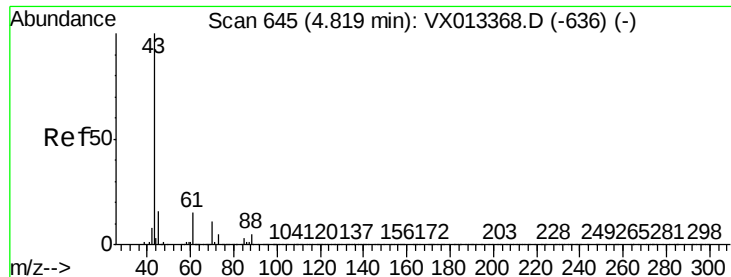
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	43	Resp:	1911907
Ion Ratio		Lower	Upper
43	100		
86	9.5	7.6	11.4





#43

Ethyl Acetate

Concen: 20.850 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 43 Resp: 213812

Ion Ratio Lower Upper

43 100

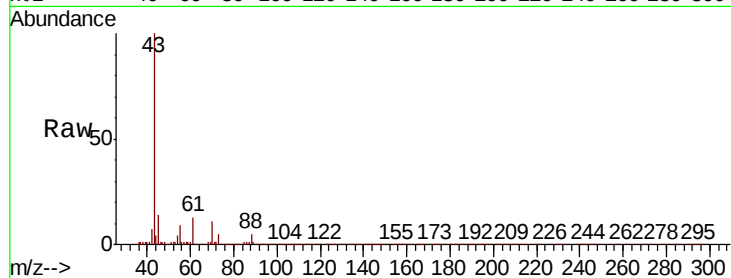
45 14.3 10.9 16.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

150000

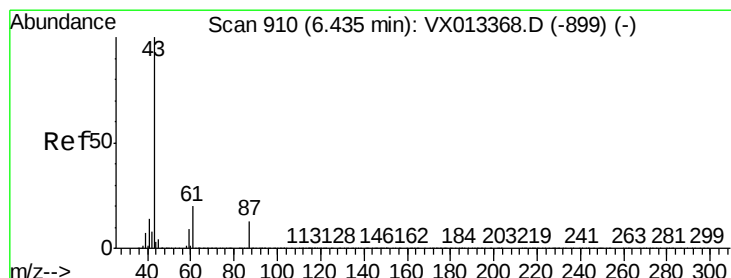
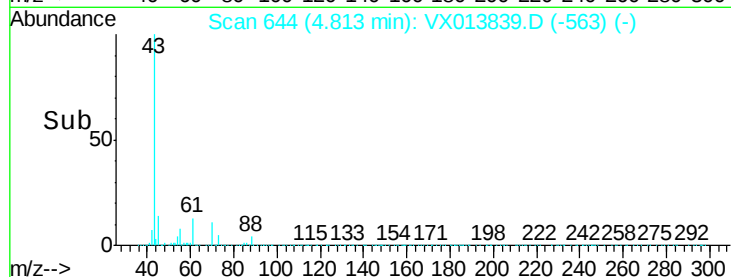
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#44

Isopropyl Acetate

Concen: 20.564 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013839.D

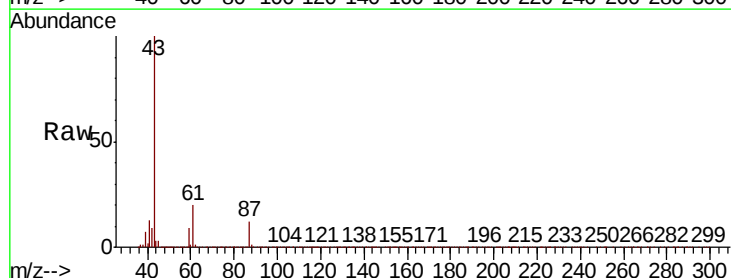
Acq: 07 Dec 2019 14:22

Tgt Ion: 43 Resp: 338982

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

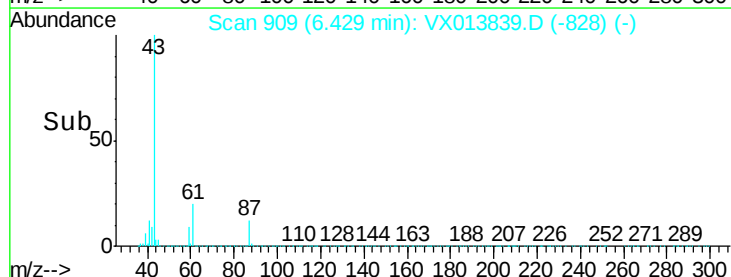
100000

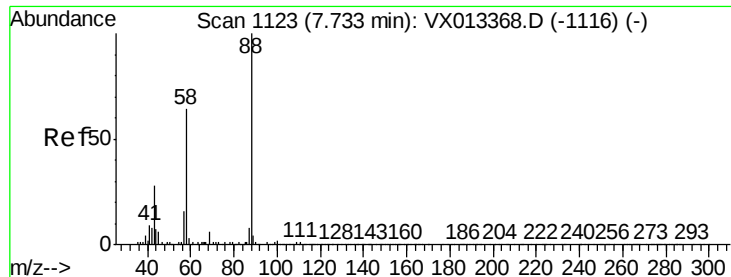
50000

0

6.35 6.40 6.45 6.50 6.55

Time-->





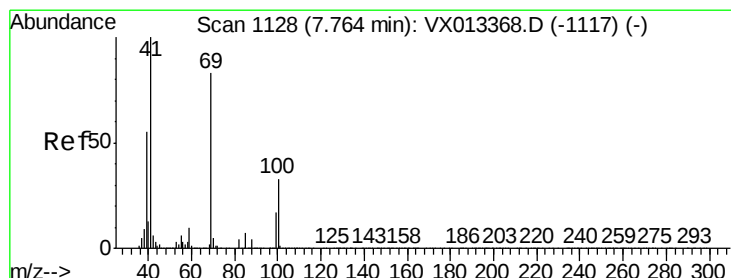
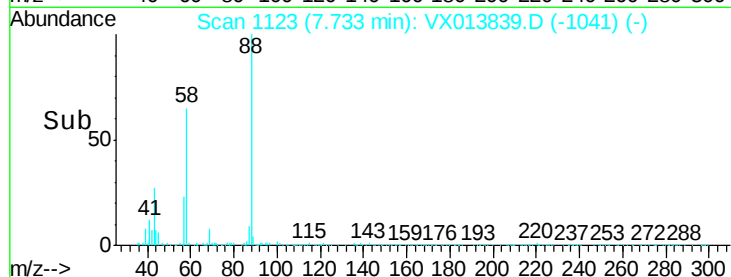
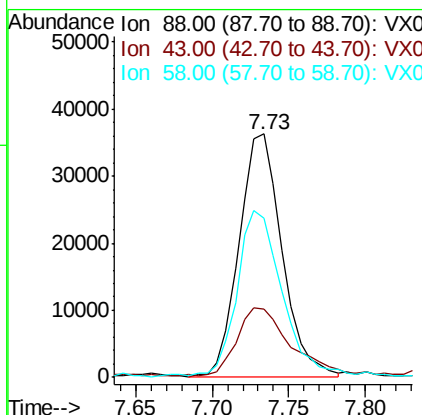
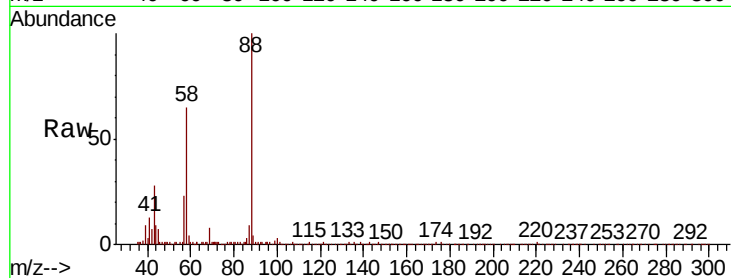
#45
1,4-Dioxane
Concen: 390.925 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion:	88	Resp:	71146
Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.1	39.1
58	71.2	55.8	83.8

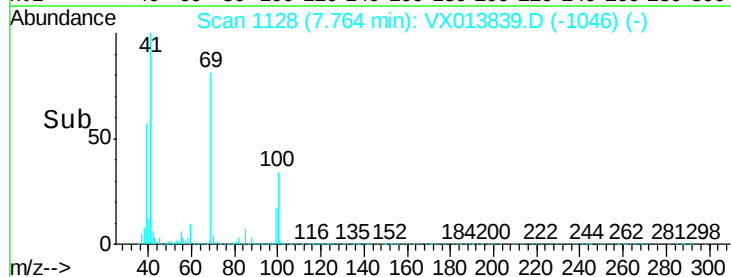
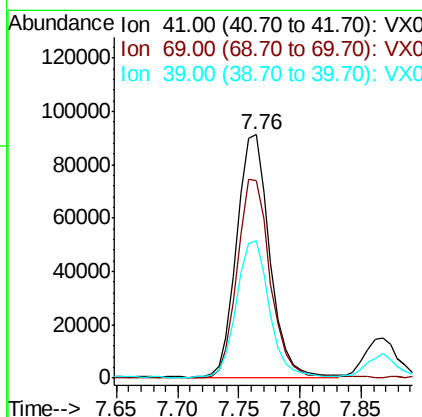
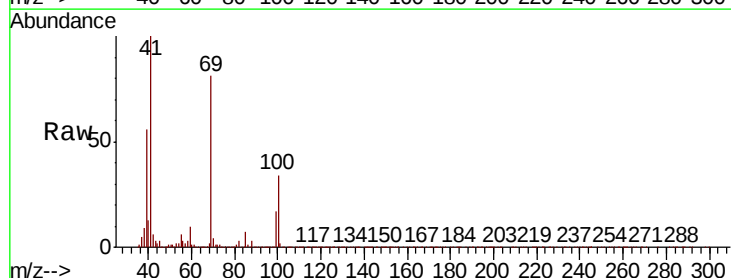
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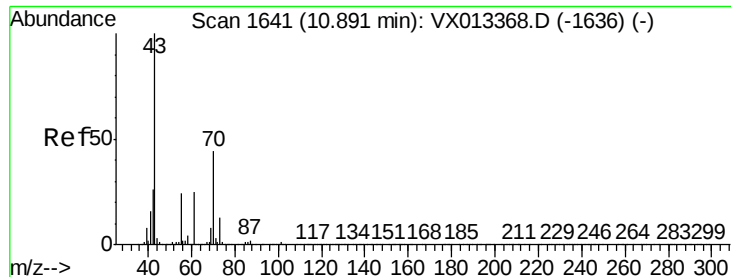
apatel
12/11/2019 8:55:51 AM



#46
Methyl methacrylate
Concen: 20.727 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion:	41	Resp:	169955
Ion	Ratio	Lower	Upper
41	100		
69	81.1	41.4	124.4
39	56.4	27.9	83.6





#47

n-amvl Acetate

Concen: 20.612 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 43 Resp: 298034

Ion Ratio Lower Upper

43 100

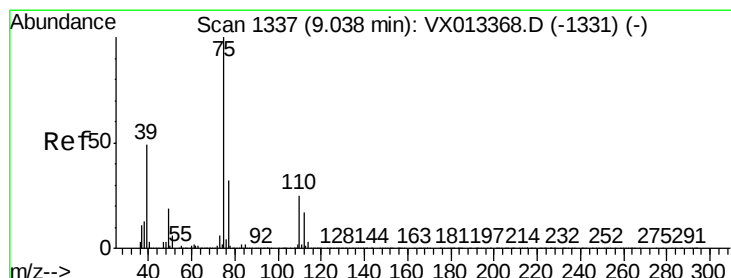
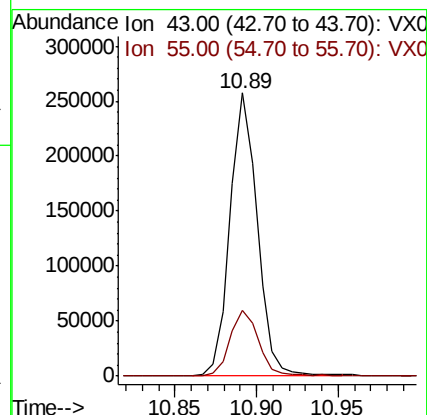
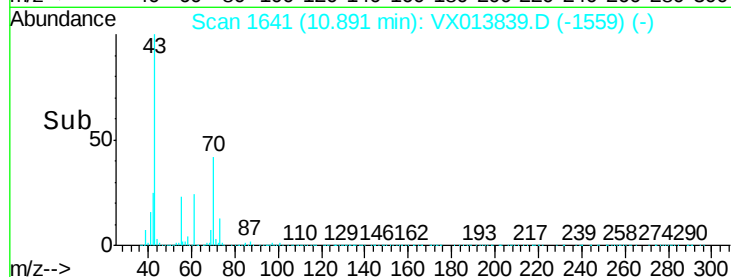
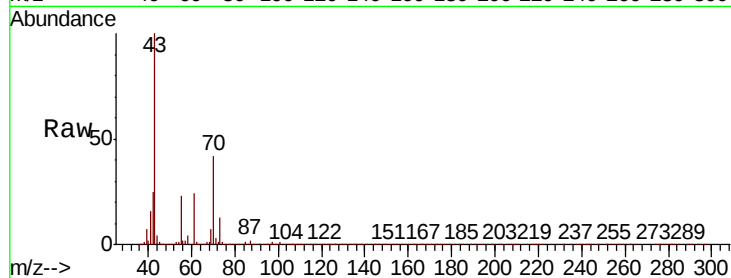
55 24.0 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 21.009 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013839.D

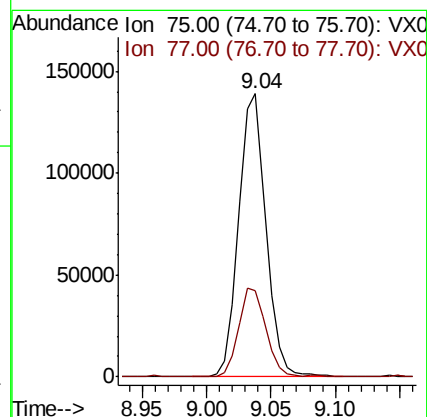
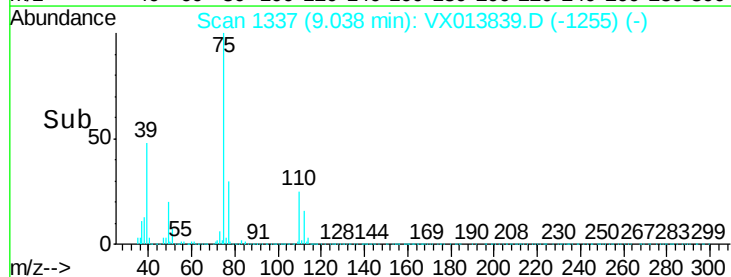
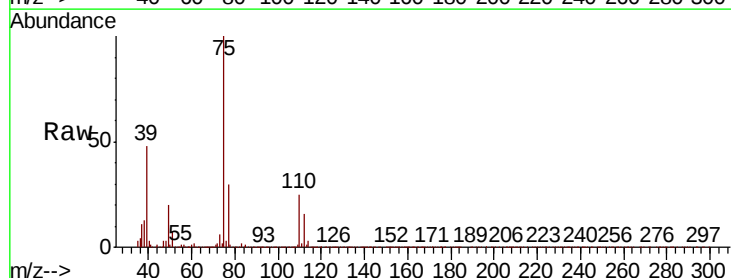
Acq: 07 Dec 2019 14:22

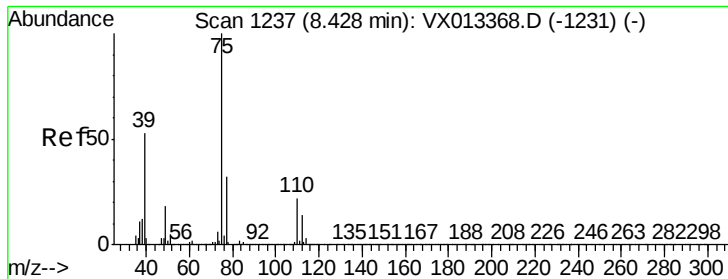
Tgt Ion: 75 Resp: 204469

Ion Ratio Lower Upper

75 100

77 30.3 25.3 37.9





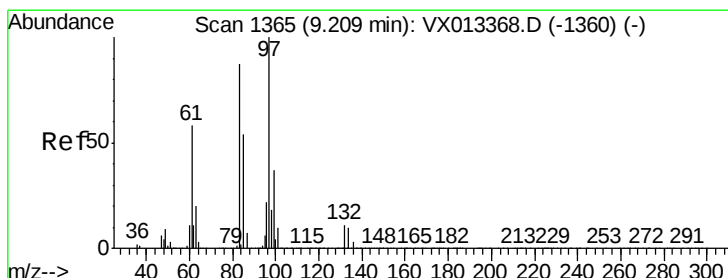
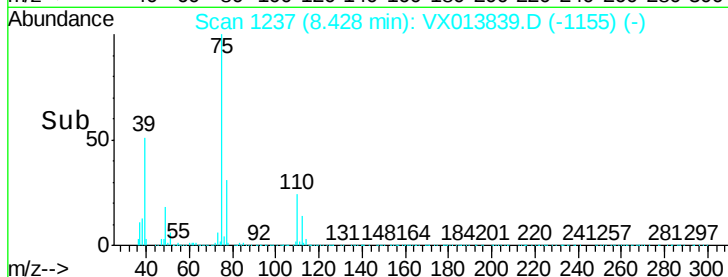
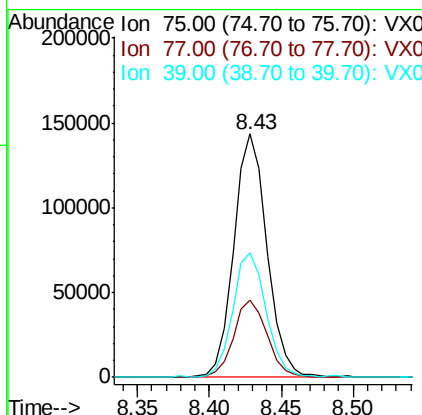
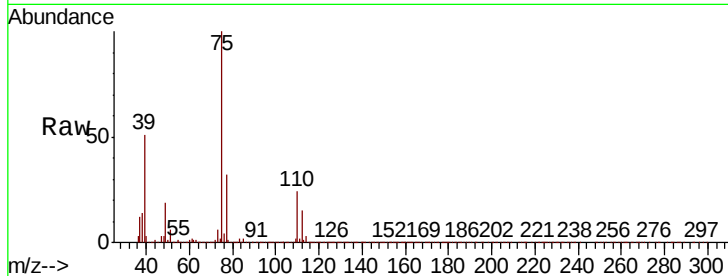
#49
 cis-1,3-Dichloropropene
 Concen: 21.500 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	51.1	42.2	63.4

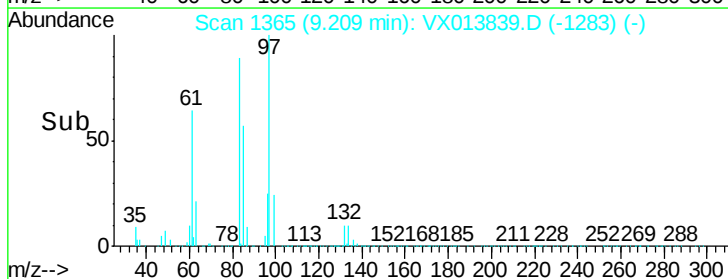
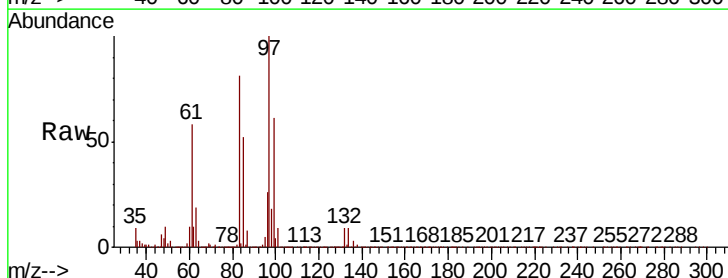
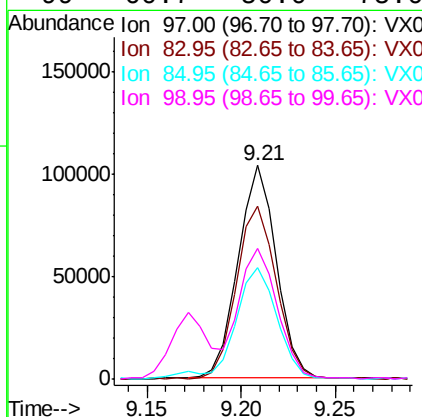
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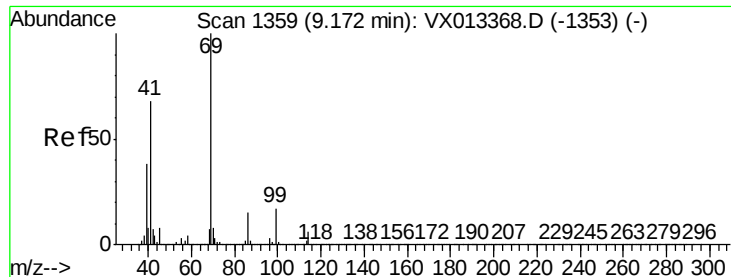
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#50
 1,1,2-Trichloroethane
 Concen: 22.138 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.6	104.4
85	52.2	45.5	68.3
99	60.7	50.0	75.0





#51

Ethyl methacrylate

Concen: 21.544 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

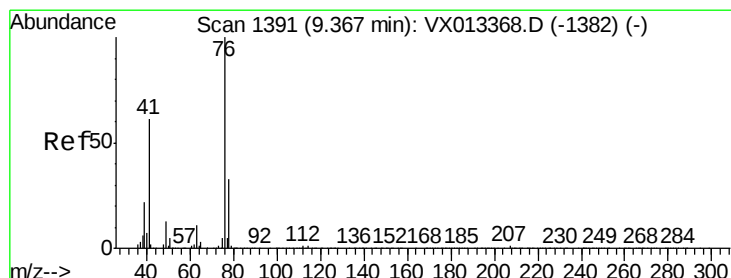
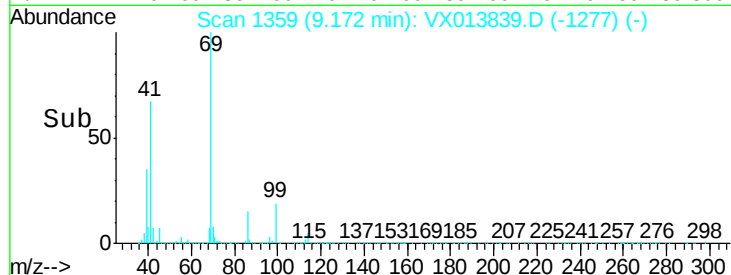
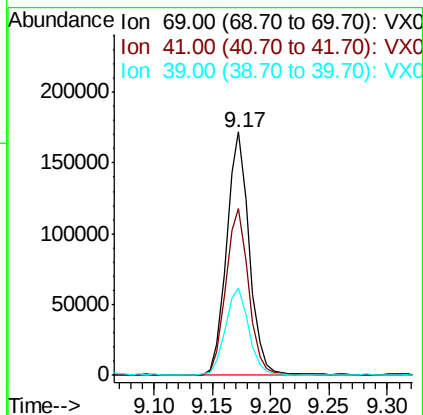
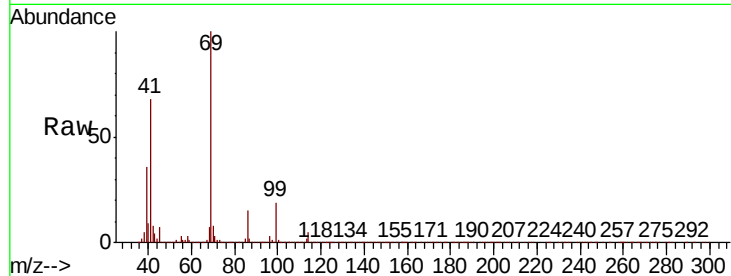
ClientSampleId :

VX1207WBS01

Tot Ion:	69	Resp:	233374
Ion Ratio	Lower	Upper	
69	100		
41	68.2	33.9	101.6
39	35.5	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.994 ug/l

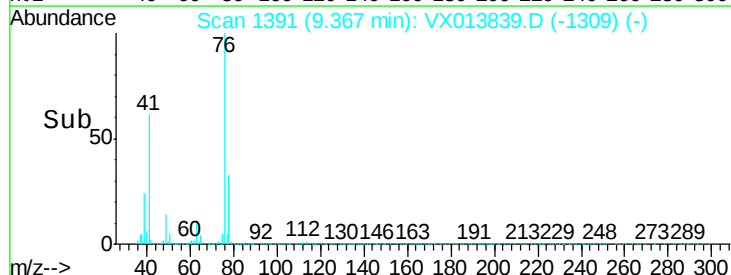
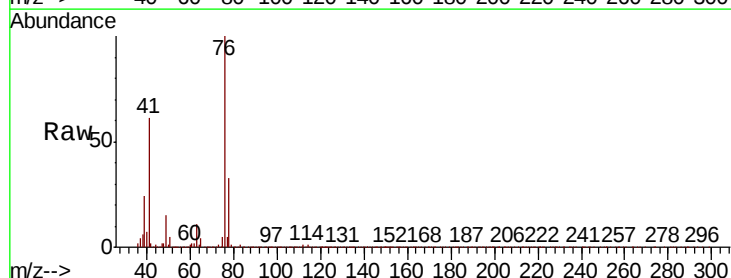
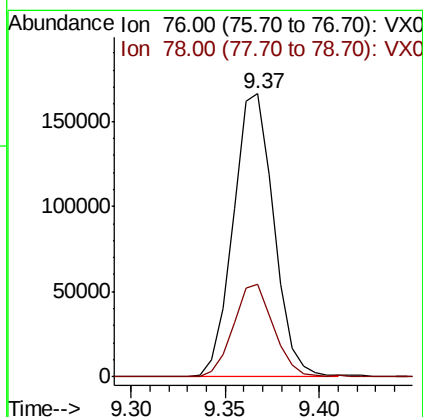
RT: 9.37 min Scan# 1391

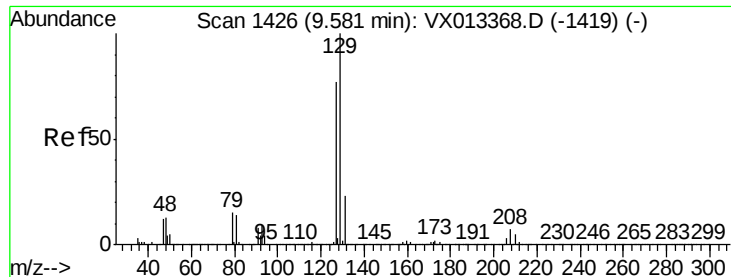
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	76	Resp:	247374
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





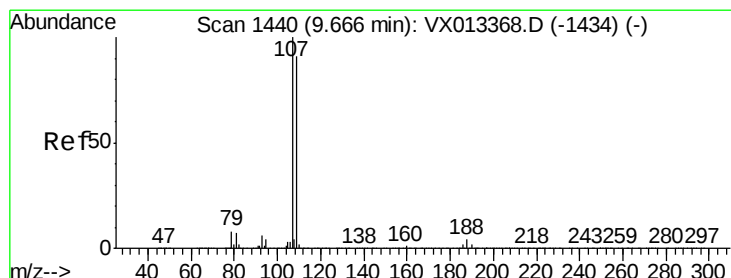
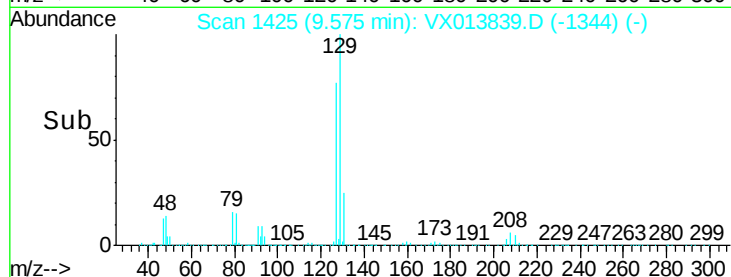
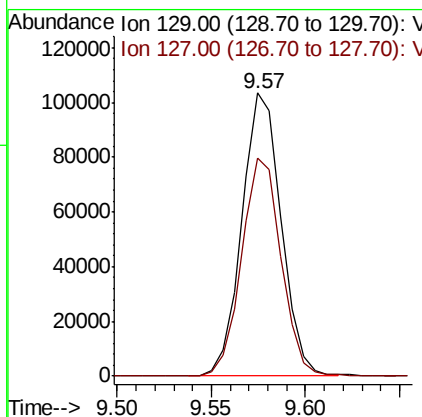
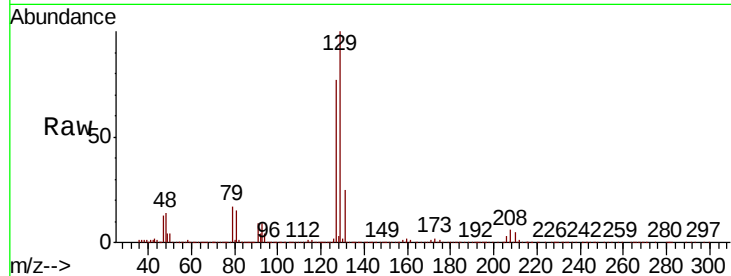
#53
Dibromochloromethane
Concen: 21.384 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		149112		
127	77.6		39.6	119.0	

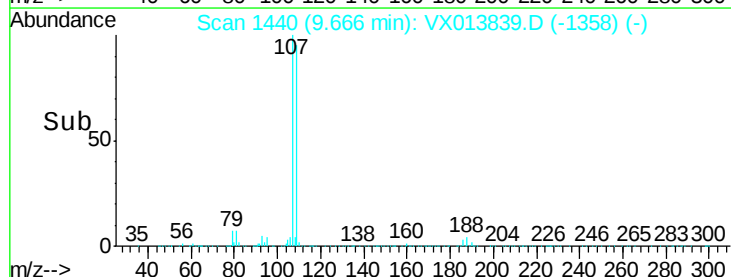
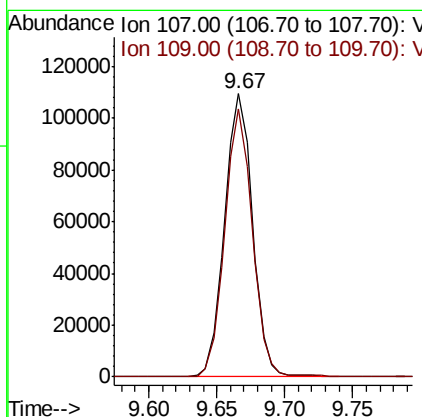
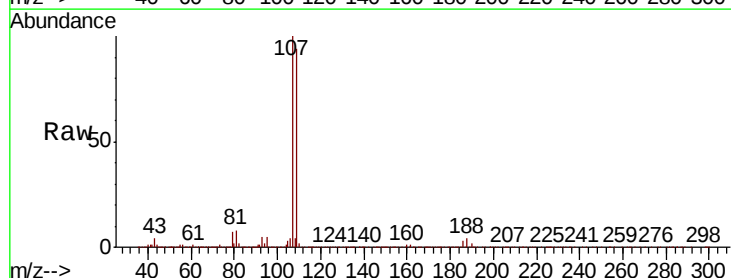
Manual Integrations
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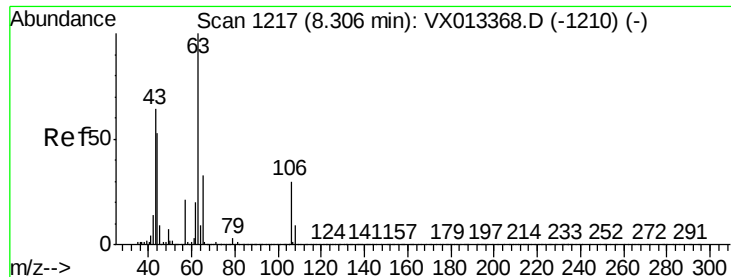
apatel
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#54
1,2-Dibromoethane
Concen: 22.166 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		155941		
109	93.1		73.9	110.9	





#55

2-Chloroethyl vinyl ether

Concen: 93.439 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

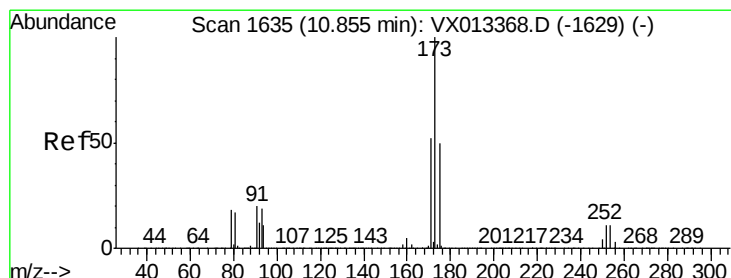
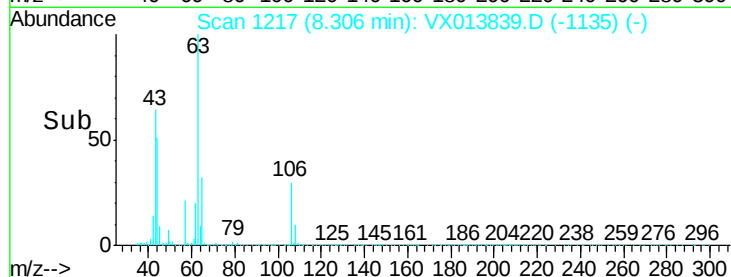
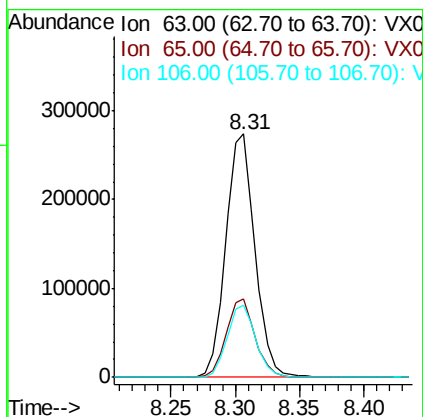
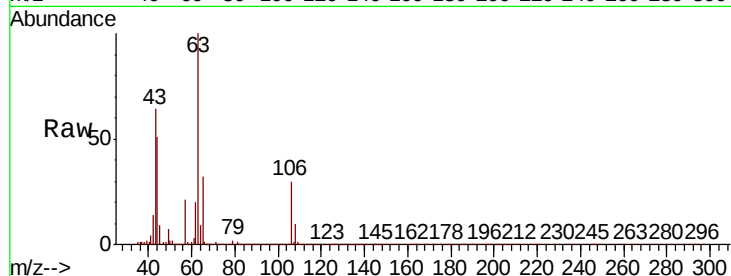
ClientSampleId :

VX1207WBS01

Tot Ion:	63	Resp:	432487
Ion Ratio	Lower	Upper	
63	100		
65	31.8	26.0	39.0
106	29.3	23.5	35.3

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#56

Bromoform

Concen: 20.682 ug/l

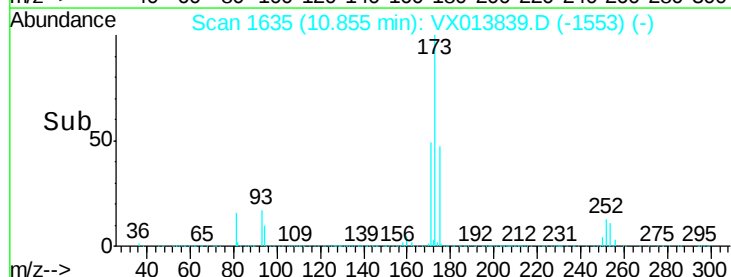
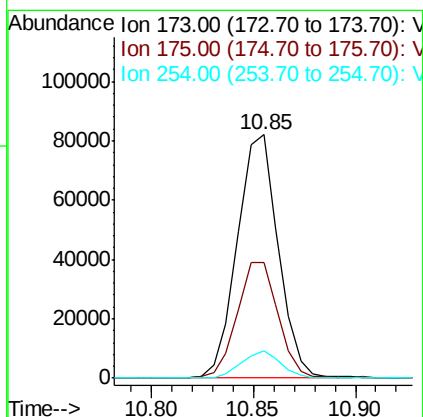
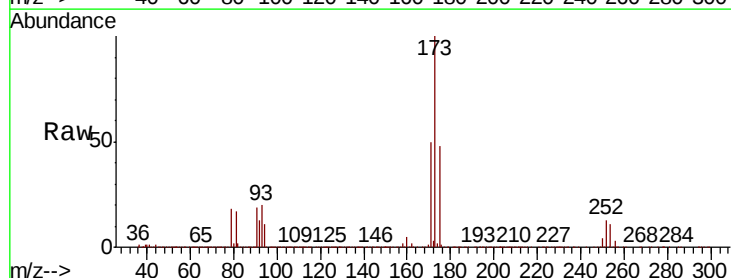
RT: 10.85 min Scan# 1635

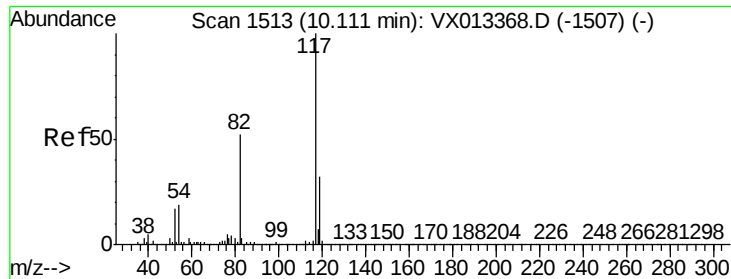
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	173	Resp:	114767
Ion Ratio	Lower	Upper	
173	100		
175	47.5	39.4	59.0
254	10.7	8.6	12.8





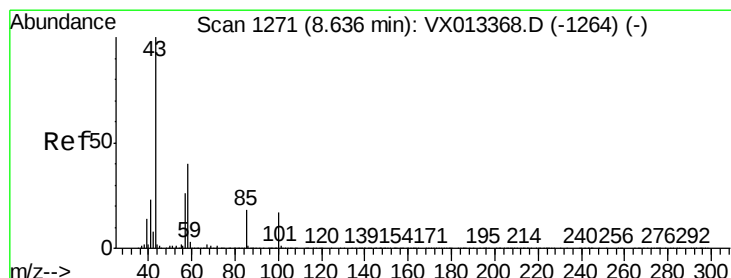
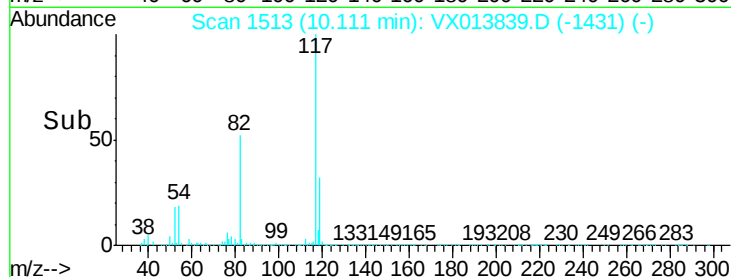
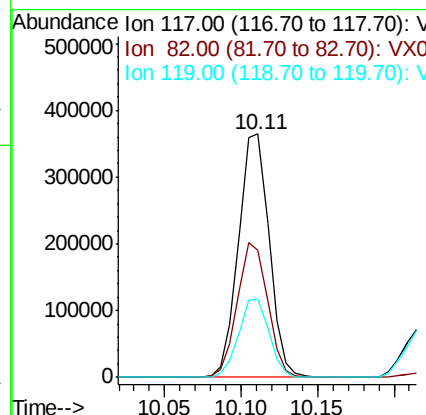
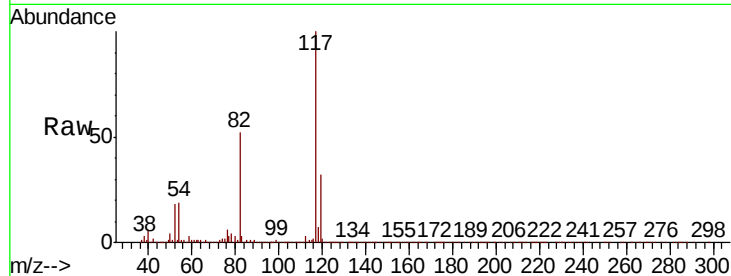
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.7	65.5
119	32.0	25.5	38.3

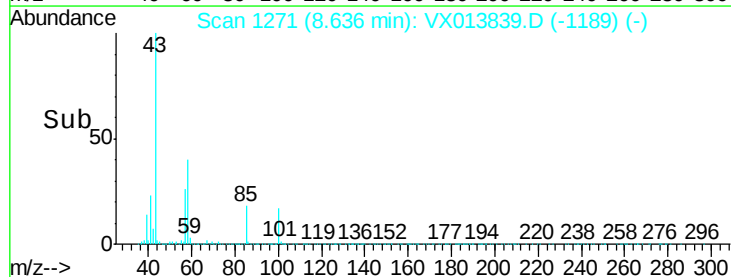
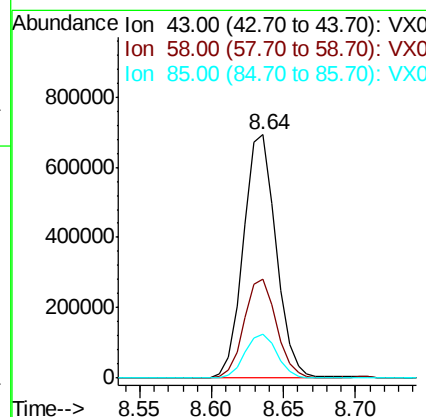
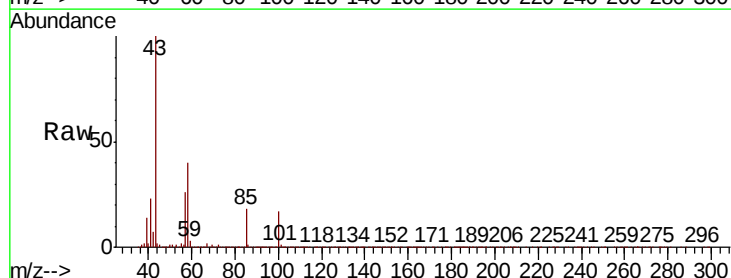
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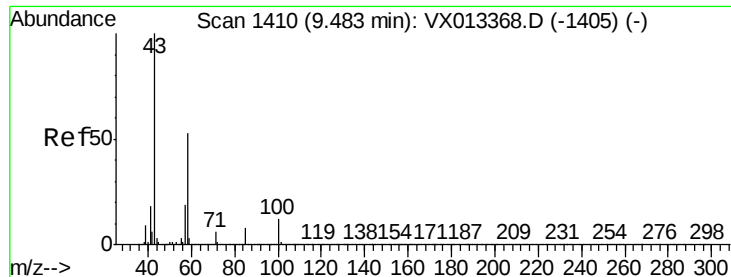
apatel
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#58
4-Methyl-2-Pentanone
Concen: 102.606 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.6	47.4
85	17.7	14.2	21.2





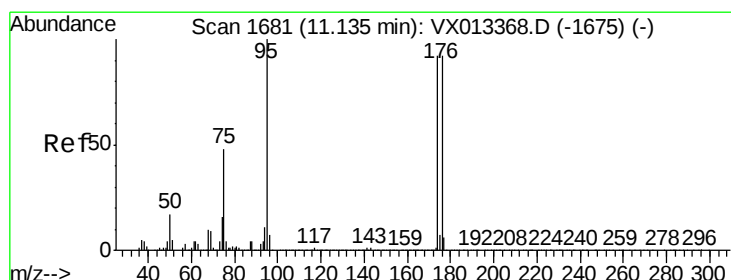
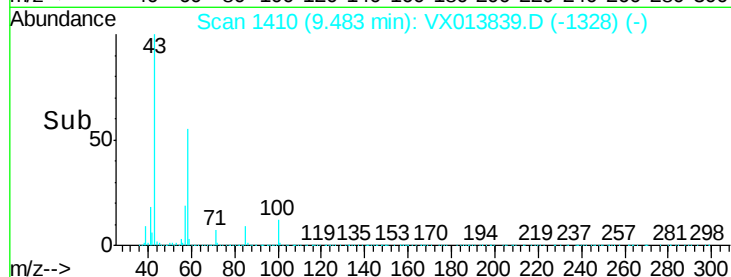
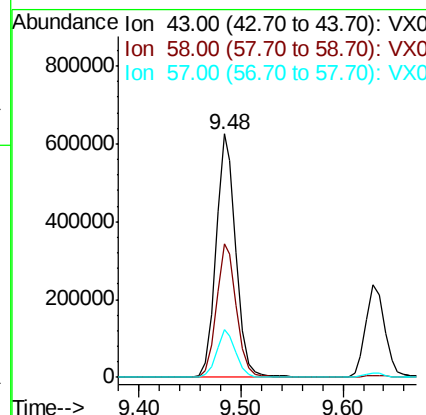
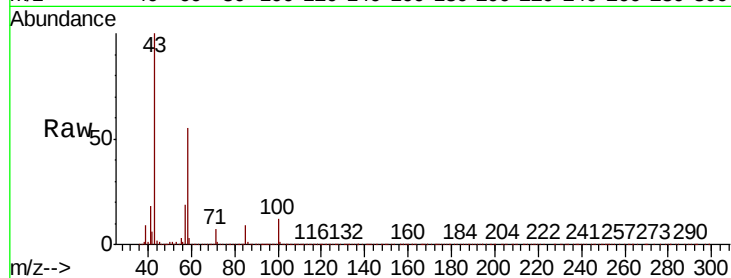
#59
2-Hexanone
Concen: 100.873 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	19.0	15.1	22.7

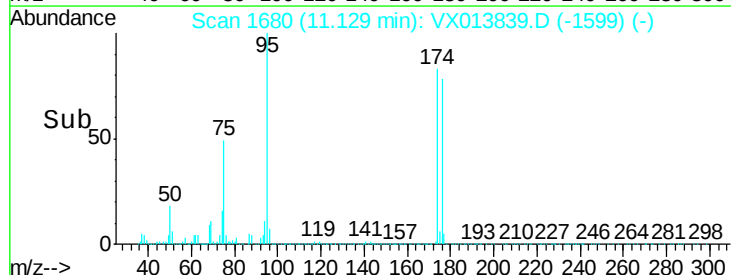
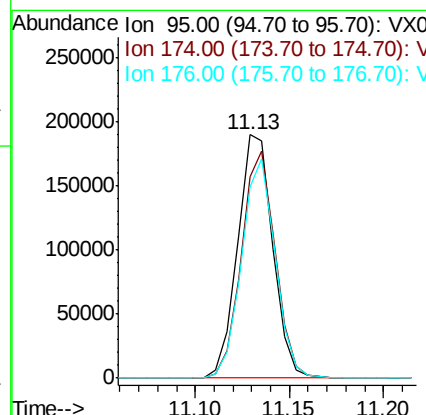
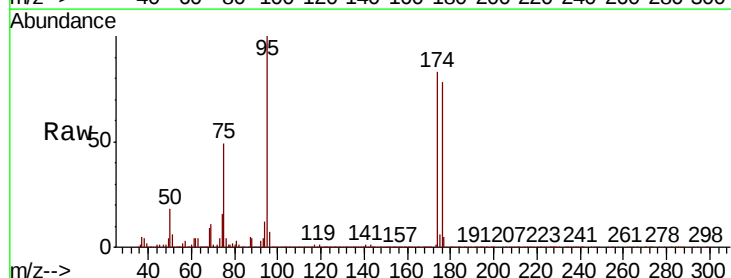
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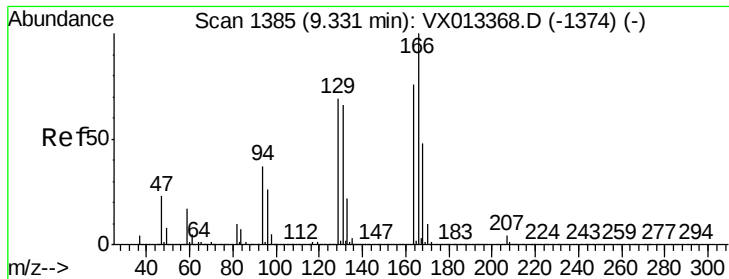
apatel
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#60
4-Bromofluorobenzene
Concen: 29.862 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	70.2	105.2
176	86.5	68.3	102.5





#61

Tetrachloroethene

Concen: 21.218 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

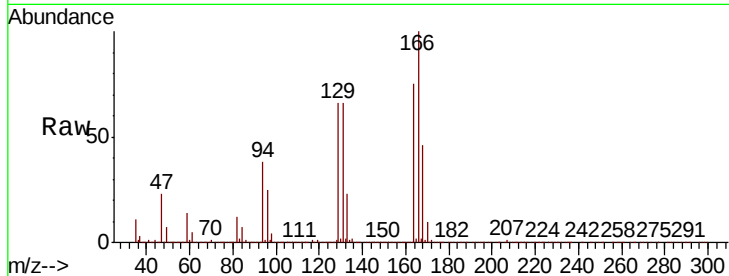
ClientSampleId :

VX1207WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.1	104.9	157.3
129	88.5	72.3	108.5
131	88.5	69.0	103.6

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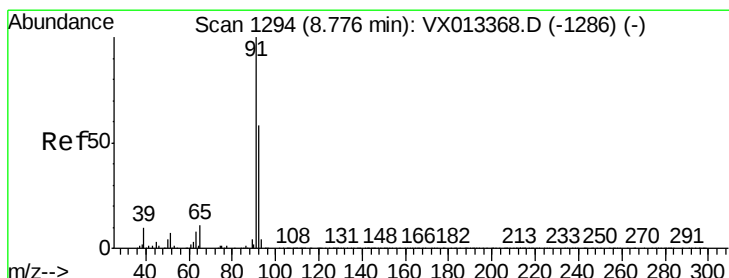
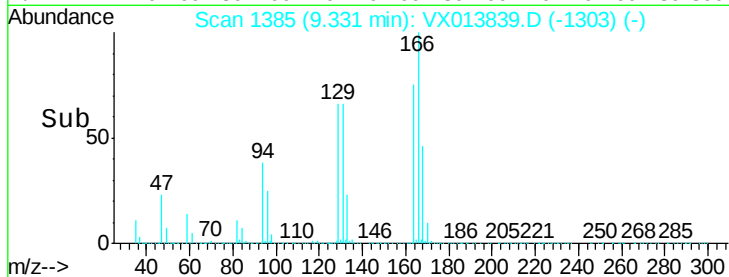
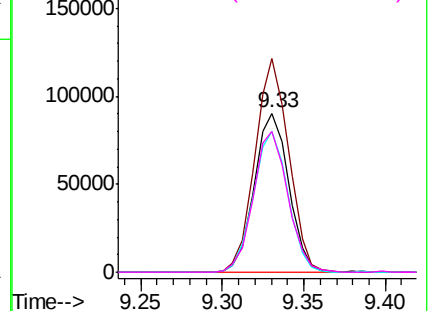


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.351 ug/l

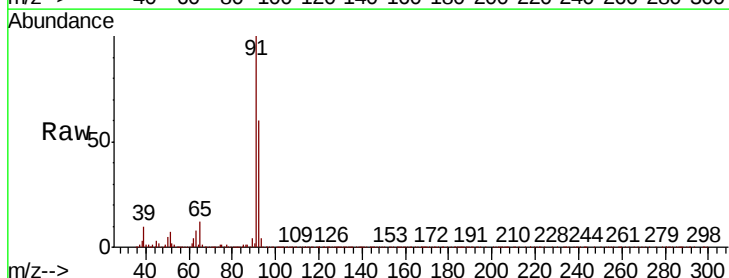
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX013839.D

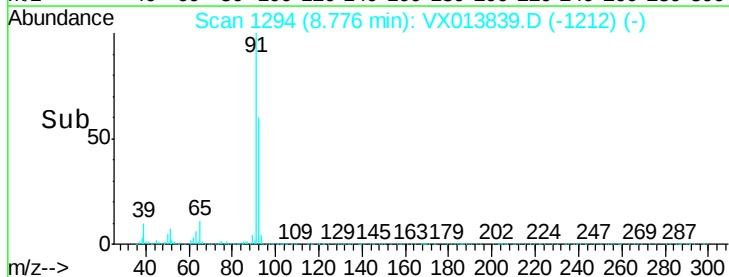
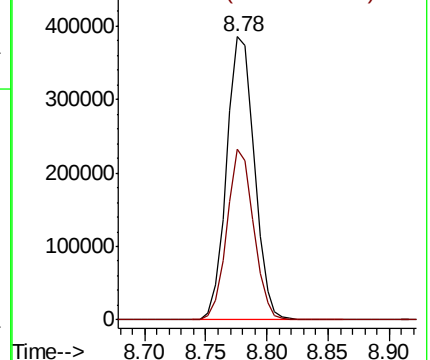
Acq: 07 Dec 2019 14:22

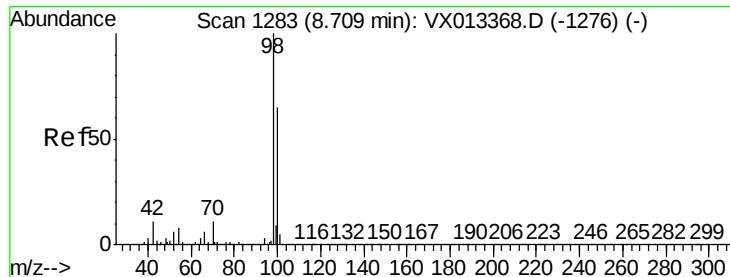
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





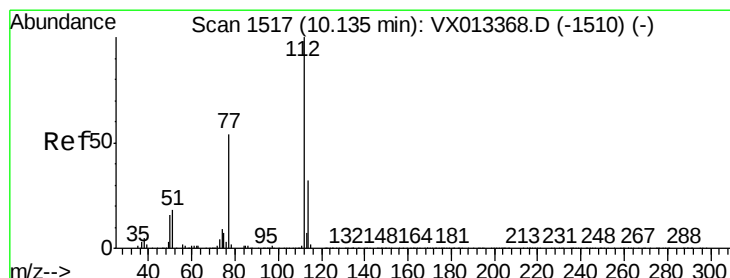
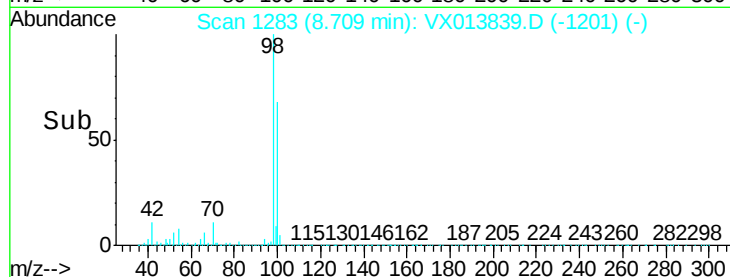
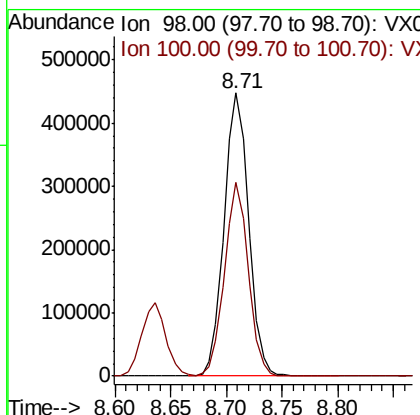
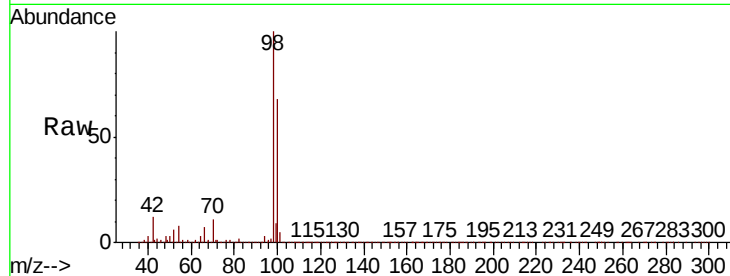
#63
Toluene-d8
Concen: 29.626 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion: 98 Resp: 682697
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

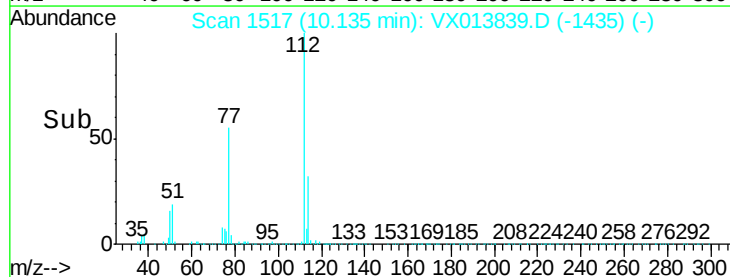
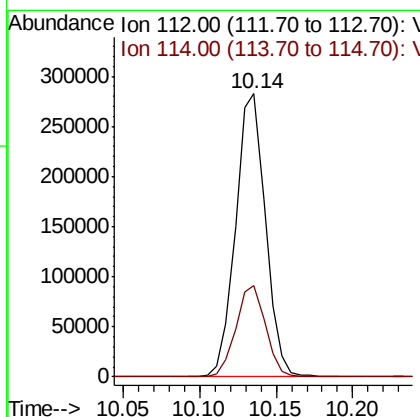
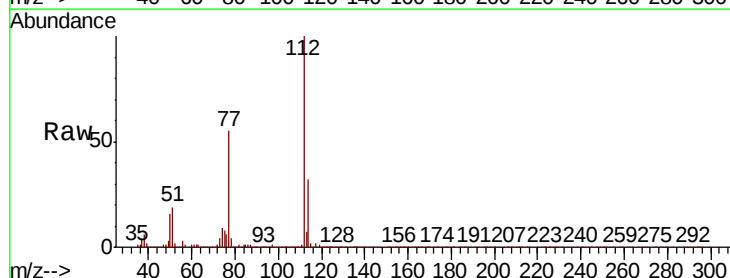
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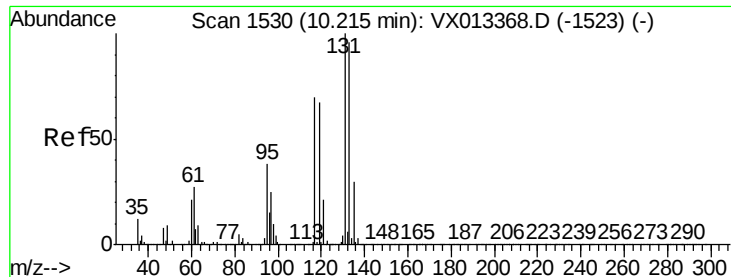
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#64
Chlorobenzene
Concen: 21.501 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion: 112 Resp: 381597
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





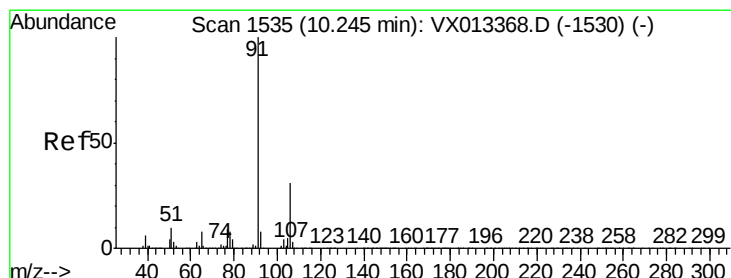
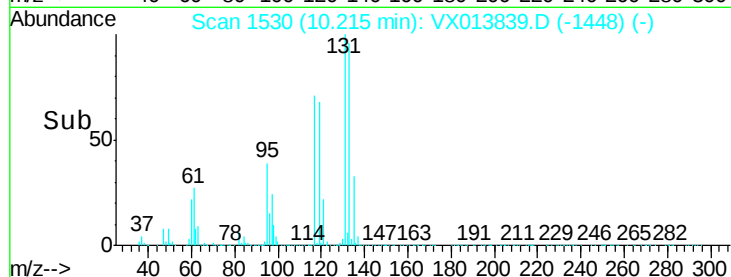
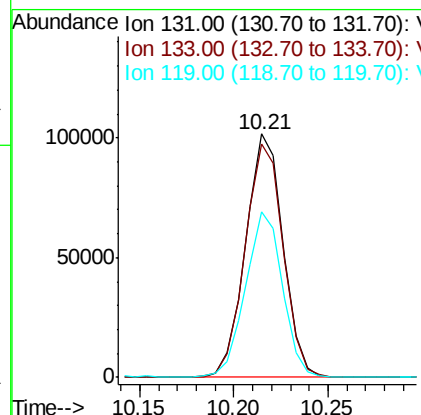
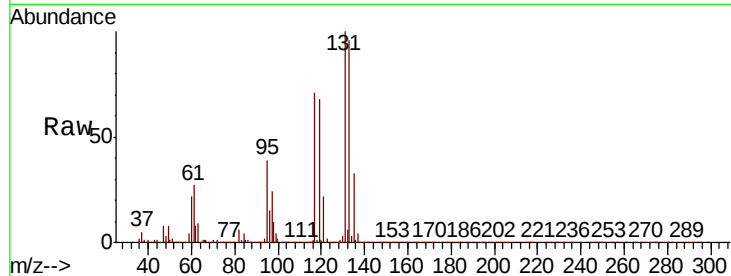
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.052 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	139862		
133	97.5	0.0	192.2	
119	66.9	0.0	134.4	

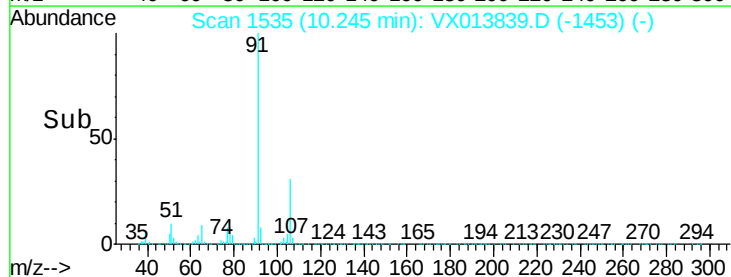
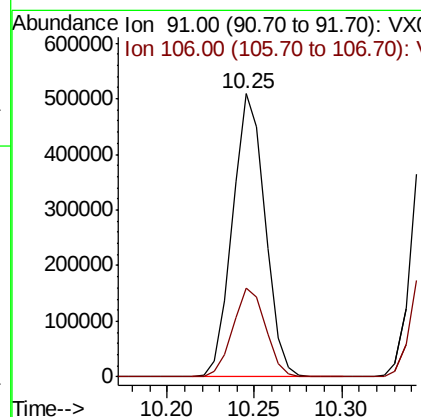
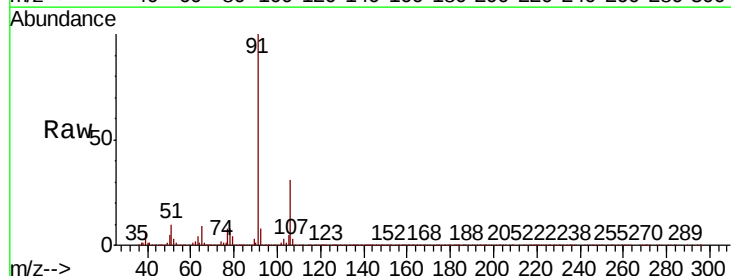
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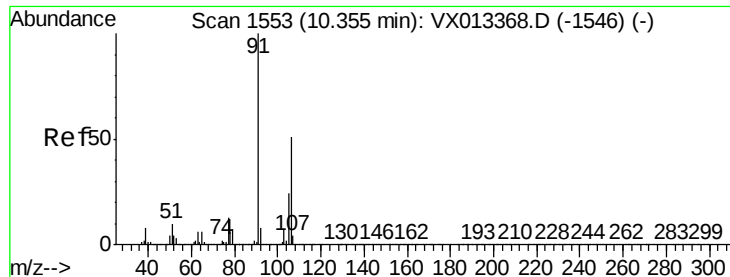
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#66
 Ethyl Benzene
 Concen: 21.110 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	658308		
106	31.3	25.0	37.4	





#67

m/p-Xvlenes

Concen: 41.704 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion:106 Resp: 501664

Ion Ratio Lower Upper

106 100

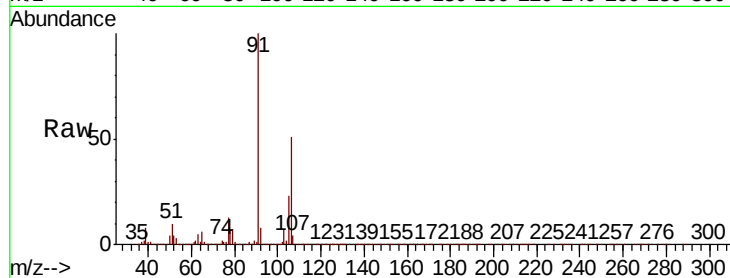
91 202.2 158.4 237.6

Manual Integrations

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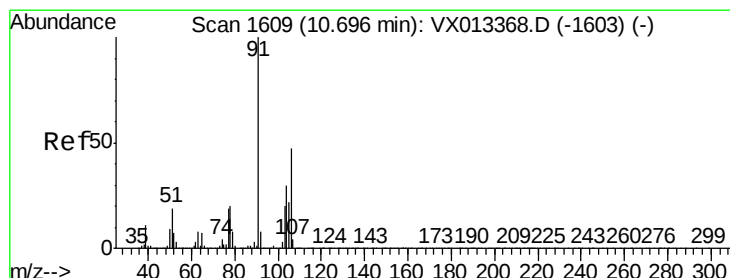
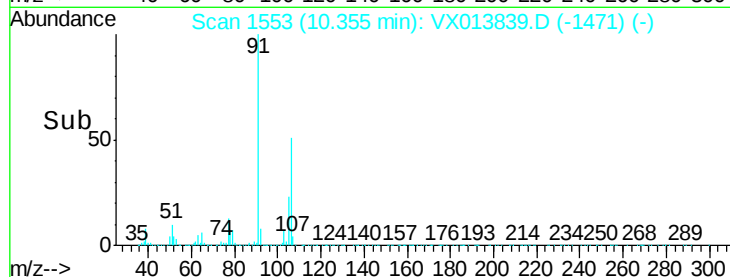
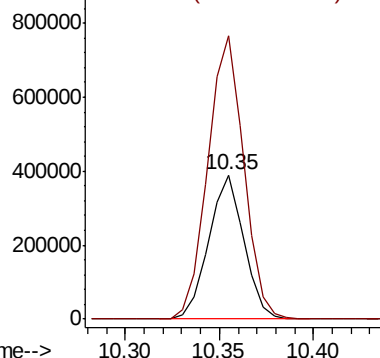
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.385 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013839.D

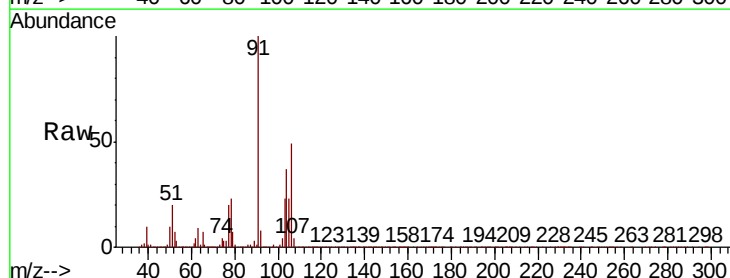
Acq: 07 Dec 2019 14:22

Tgt Ion:106 Resp: 248259

Ion Ratio Lower Upper

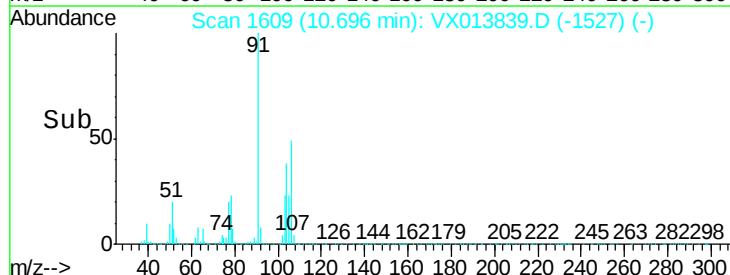
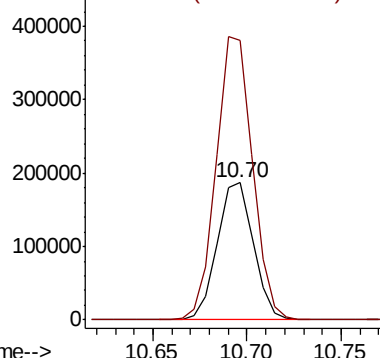
106 100

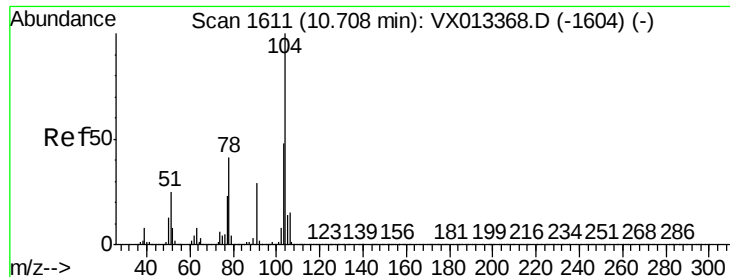
91 207.6 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





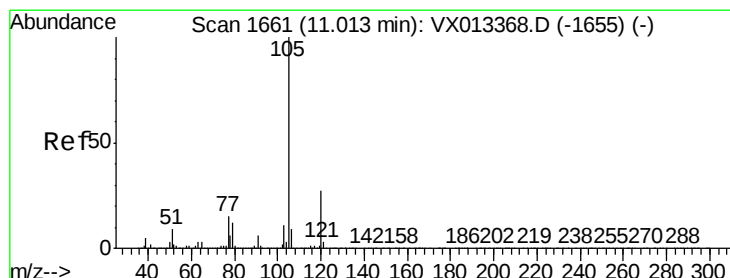
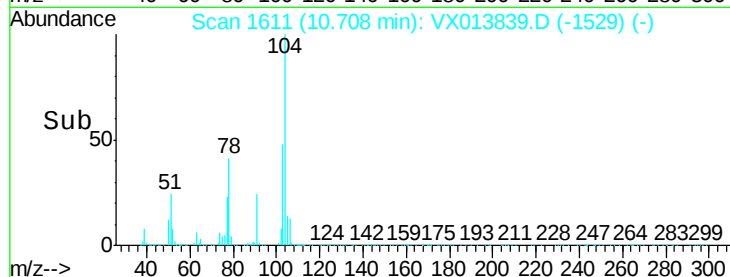
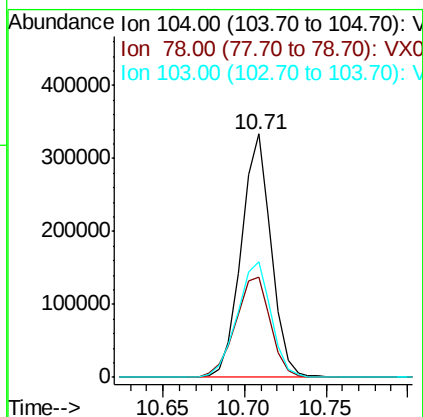
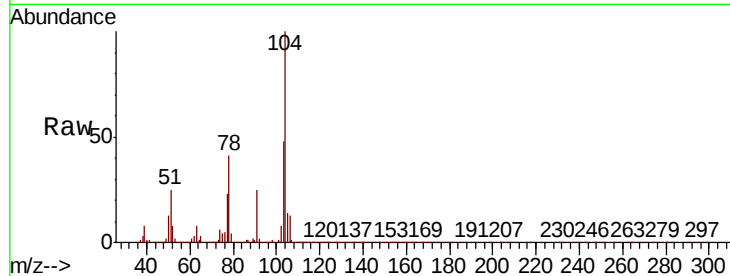
#69
Stvrene
Concen: 21.449 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	38.2	57.4
103	54.1	43.2	64.8

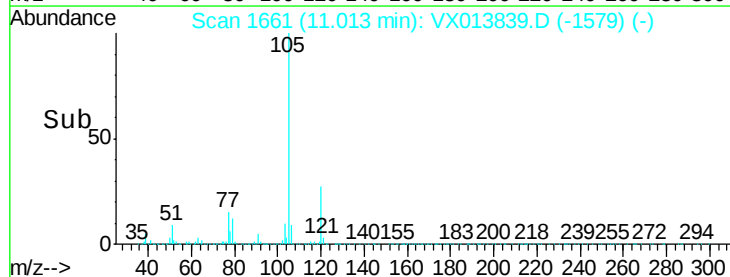
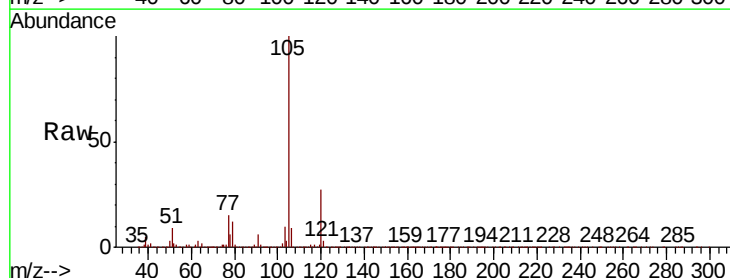
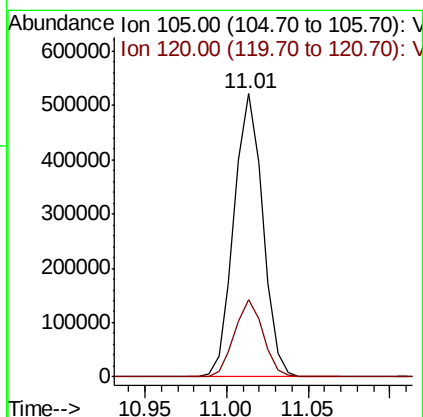
Manual Integrations
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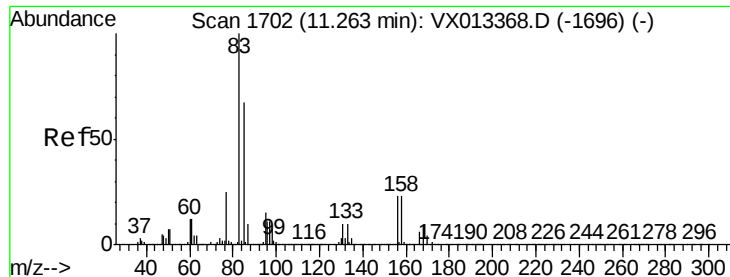
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#70
Isopropylbenzene
Concen: 21.052 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.8	34.8





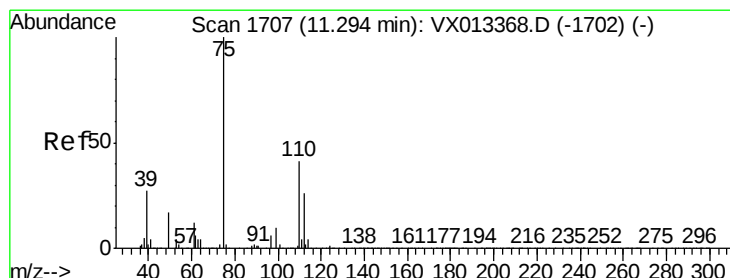
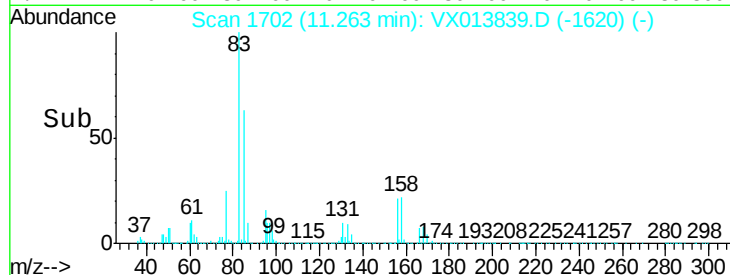
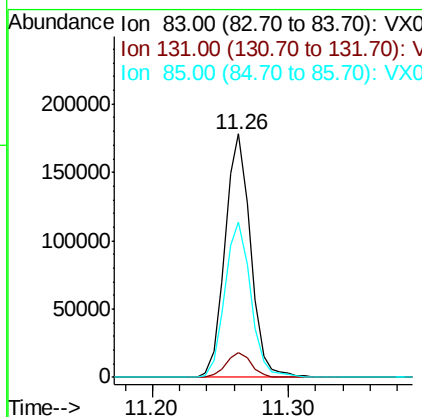
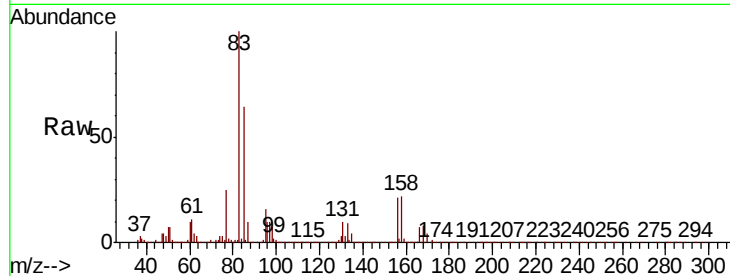
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.162 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231784		
131	10.2	4.7	14.1	
85	65.1	32.6	97.7	

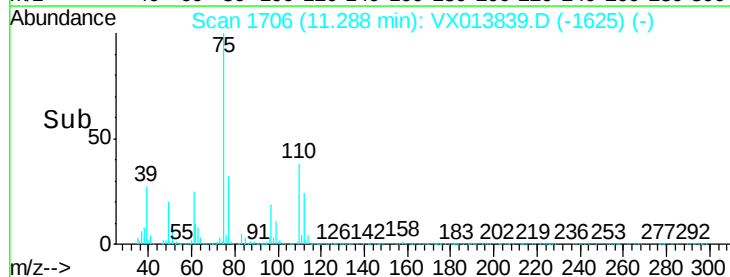
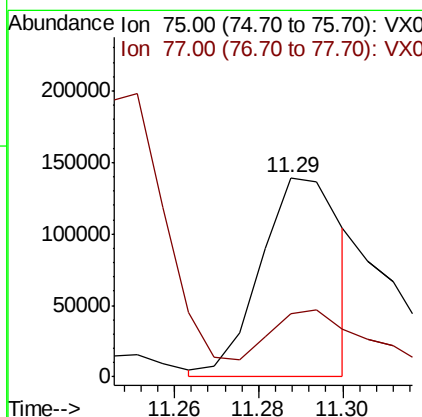
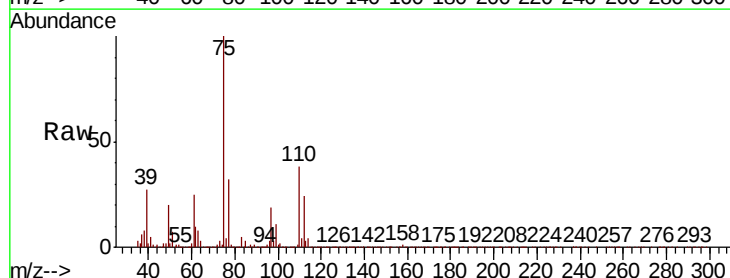
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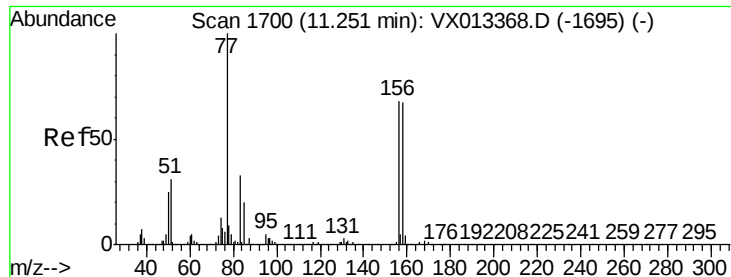
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#72
 1,2,3-Trichloropropane
 Concen: 20.117 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186044		
77	40.0	0.0	86.2	





#73

Bromobenzene

Concen: 21.305 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

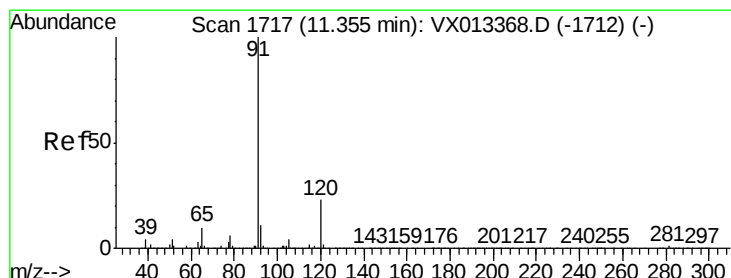
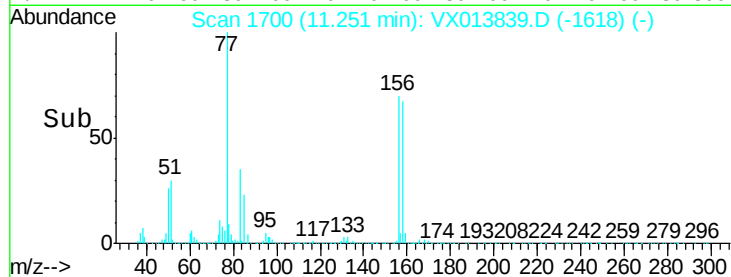
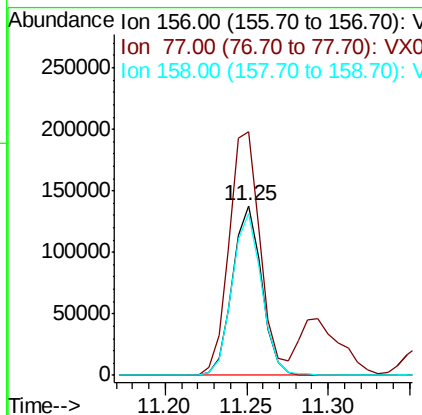
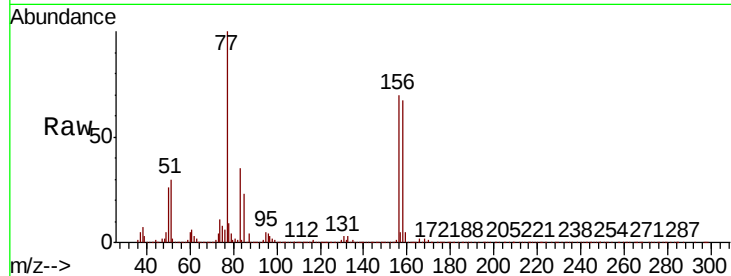
ClientSampleId :

VX1207WBS01

Tot Ion:	156	Resp:	171871
Ion Ratio	Lower	Upper	
156	100		
77	152.8	0.0	308.8
158	96.3	0.0	197.0

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#74

n-propylbenzene

Concen: 20.977 ug/l

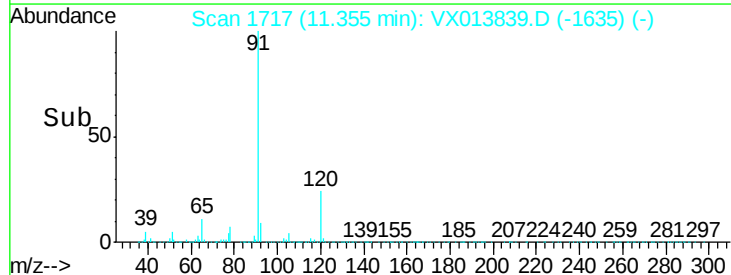
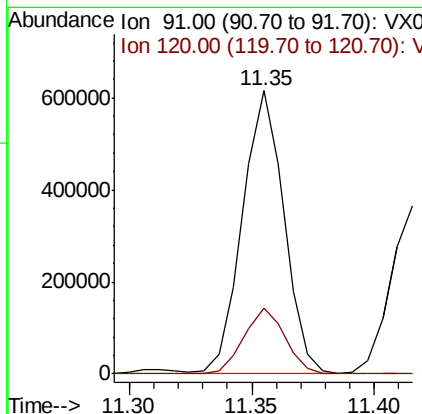
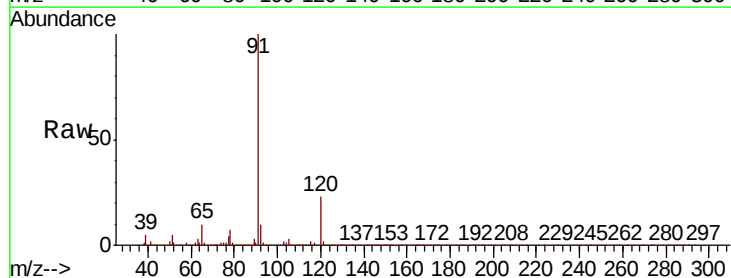
RT: 11.35 min Scan# 1717

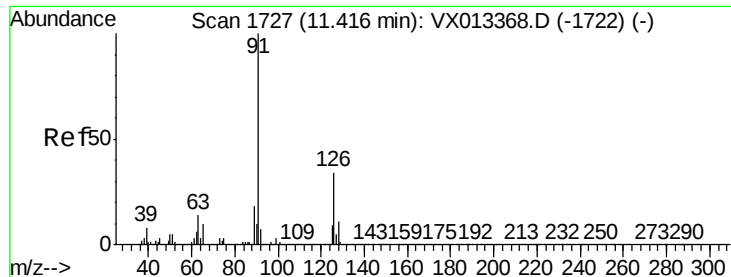
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	91	Resp:	729243
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.2





#75

2-Chlorotoluene

Concen: 21.381 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBS01

Tot Ion: 91 Resp: 441996

Ion Ratio Lower Upper

91 100

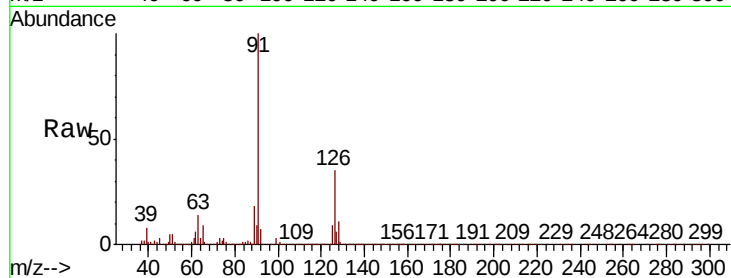
126 35.1 0.0 69.0

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Abundance Ion 91.00 (90.70 to 91.70): VX013368.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013368.D (-1722) (-)

600000

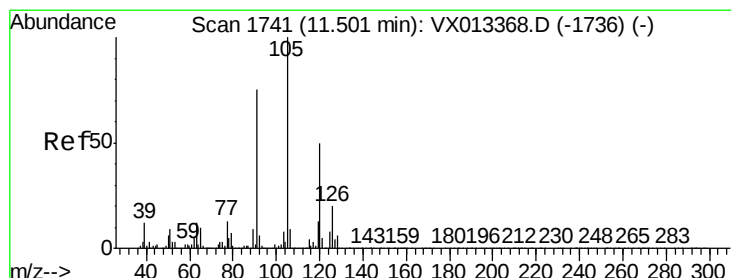
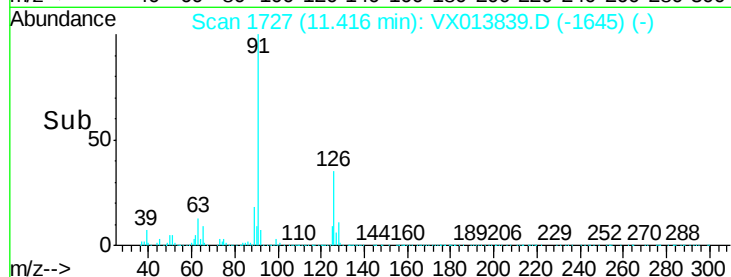
400000

200000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.131 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013839.D

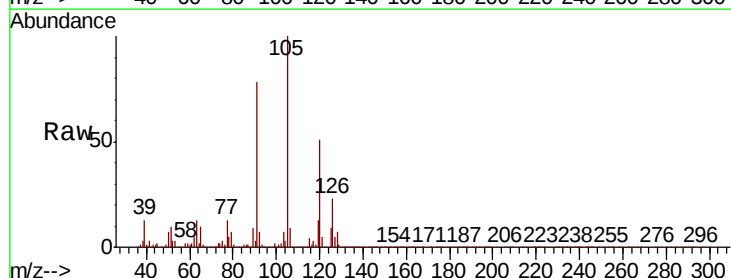
Acq: 07 Dec 2019 14:22

Tgt Ion: 105 Resp: 543339

Ion Ratio Lower Upper

105 100

120 50.9 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): VX013368.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013368.D (-1736) (-)

500000

400000

300000

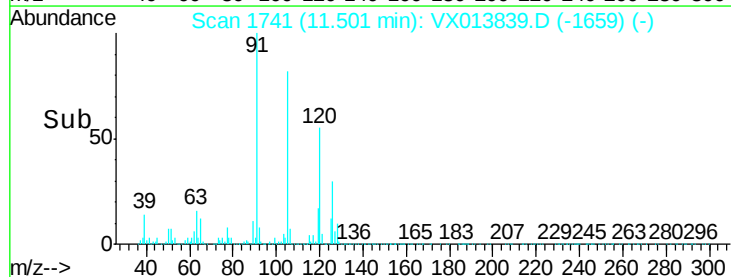
200000

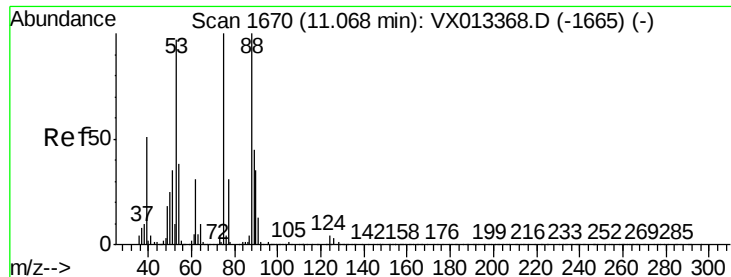
100000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.020 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

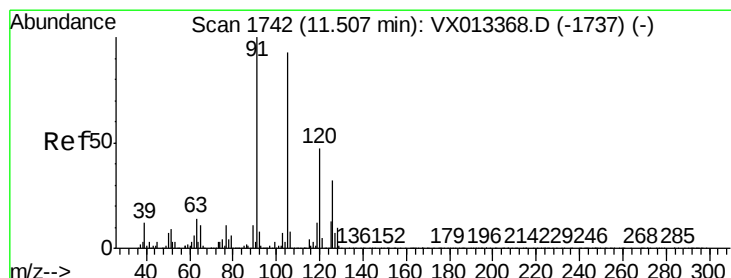
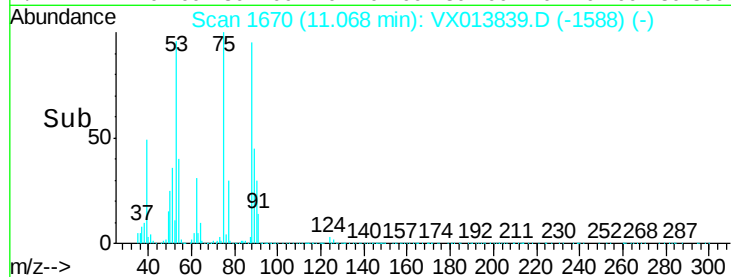
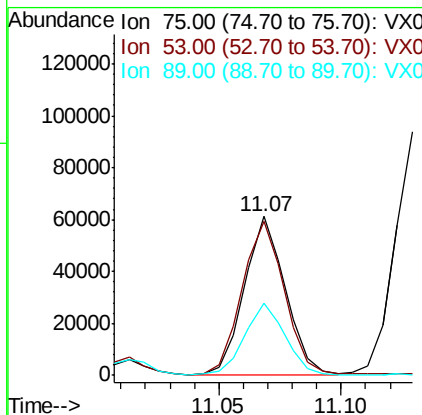
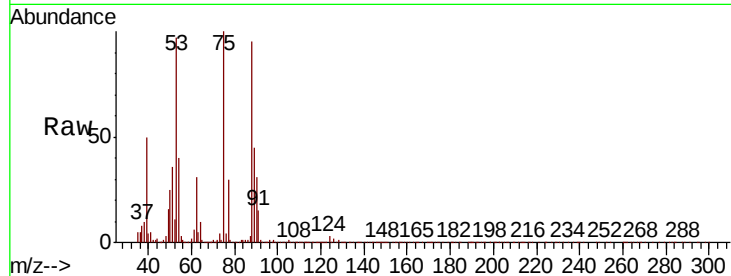
ClientSampleId :

VX1207WBS01

Tot Ion:	75	Resp:	71125
Ion Ratio	Lower	Upper	
75	100		
53	96.6	48.8	146.3
89	44.9	22.3	66.8

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#78

4-Chlorotoluene

Concen: 21.071 ug/l

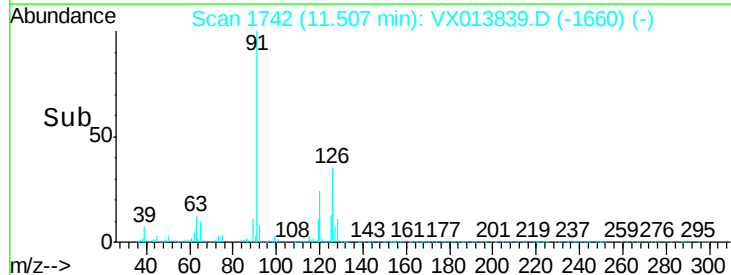
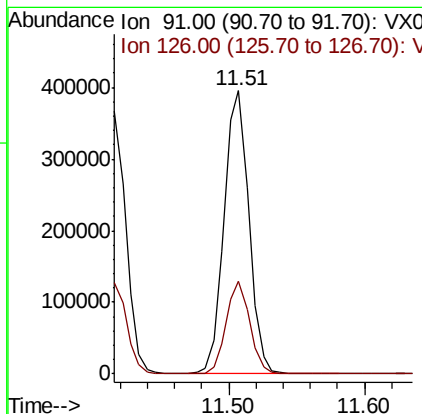
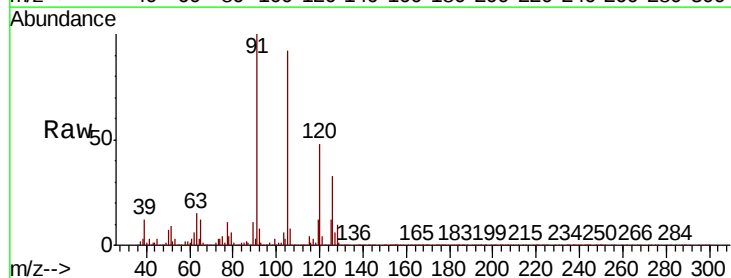
RT: 11.51 min Scan# 1742

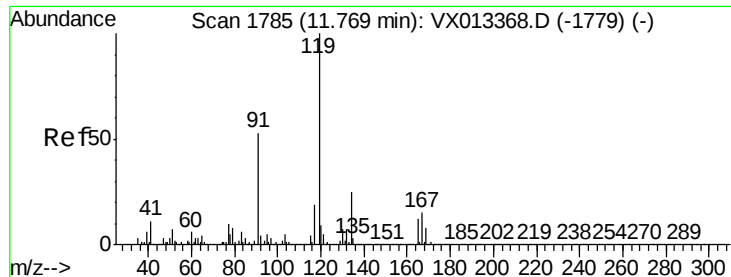
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	91	Resp:	499076
Ion Ratio	Lower	Upper	
91	100		
126	31.1	0.0	61.0





#79

tert-butylbenzene

Concen: 20.349 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

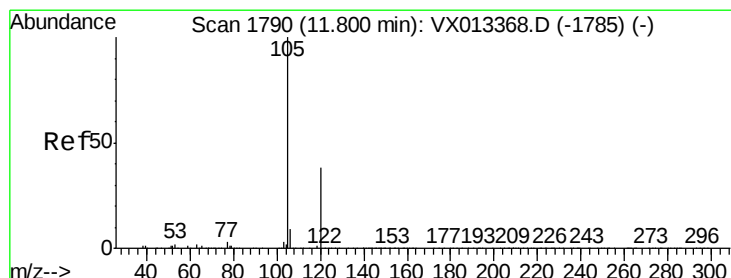
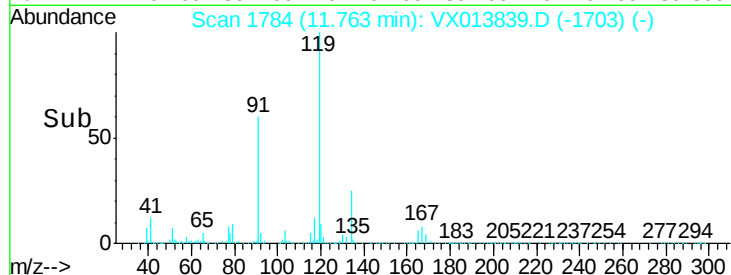
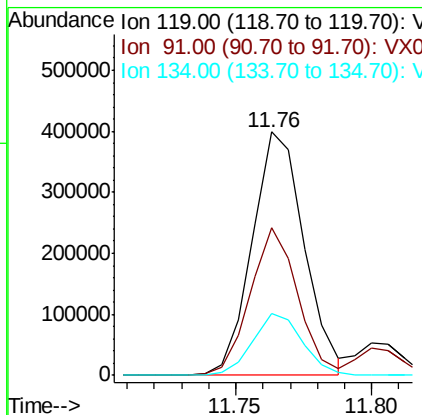
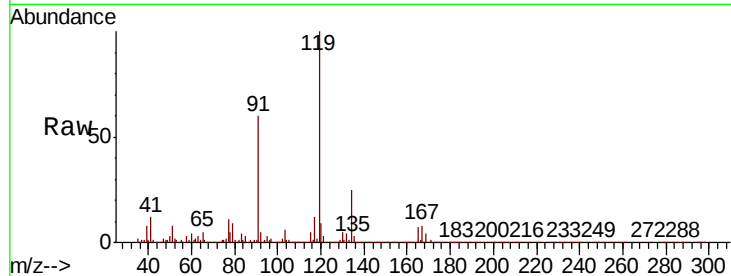
ClientSampleId :

VX1207WBS01

Tot Ion:	119	Resp:	527901
Ion Ratio	Lower	Upper	
119	100		
91	55.6	0.0	109.6
134	24.4	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 21.269 ug/l

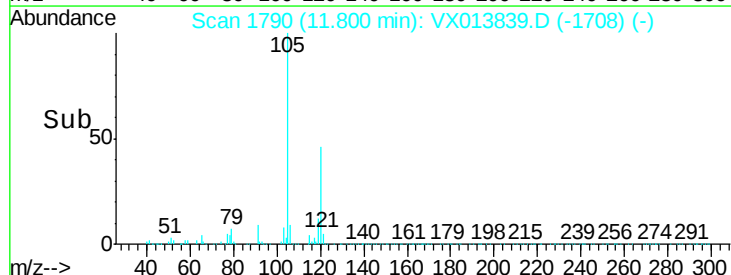
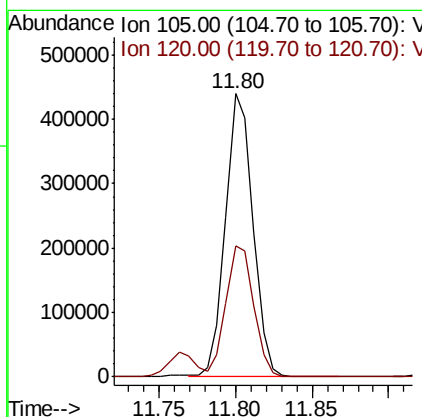
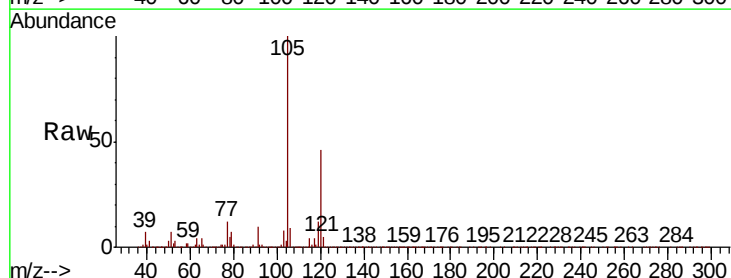
RT: 11.80 min Scan# 1790

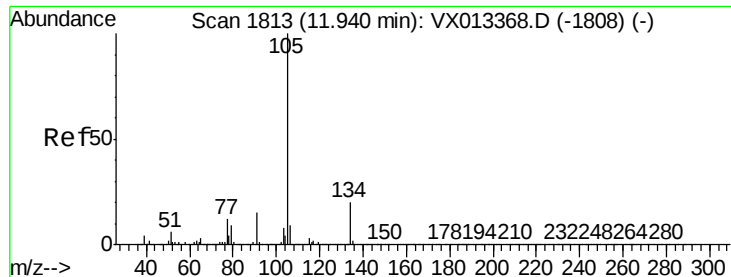
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	105	Resp:	544987
Ion Ratio	Lower	Upper	
105	100		
120	47.0	0.0	94.0





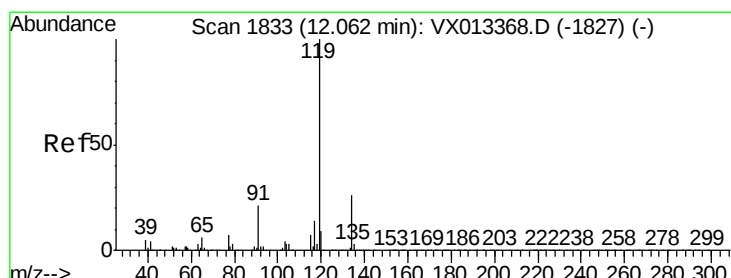
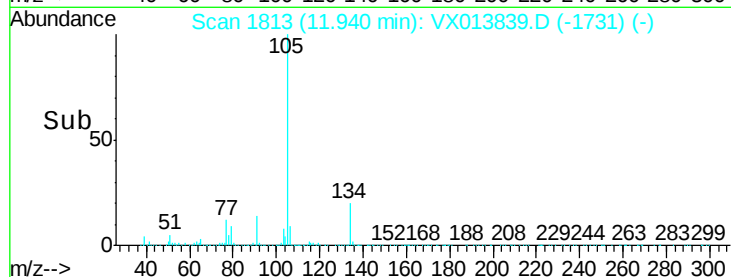
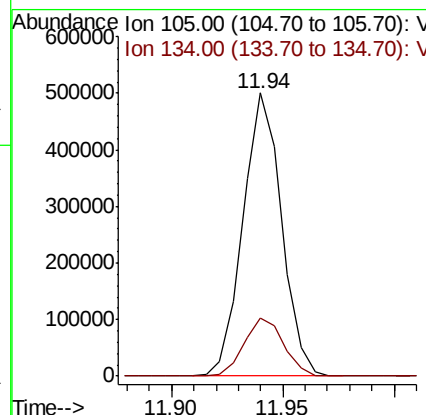
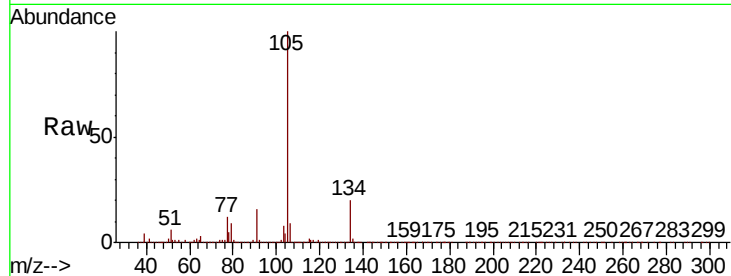
#81
 sec-Butylbenzene
 Concen: 20.456 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	605485		
134	20.8	0.0	41.2	

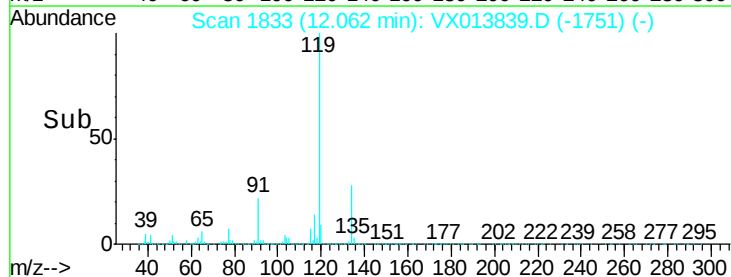
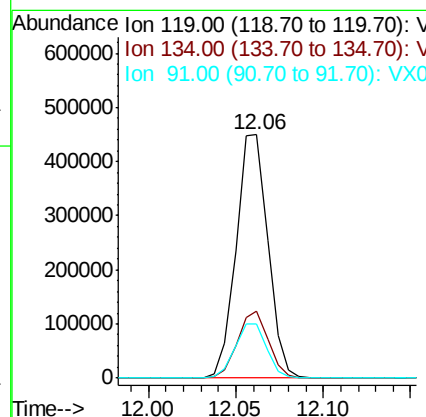
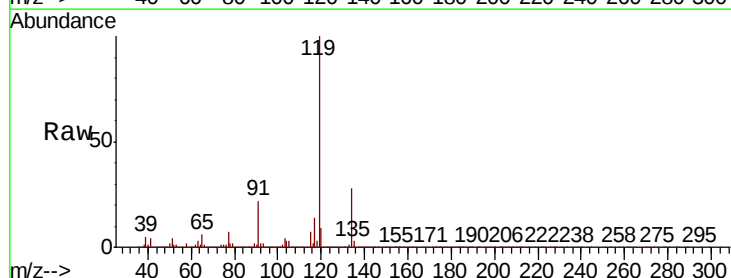
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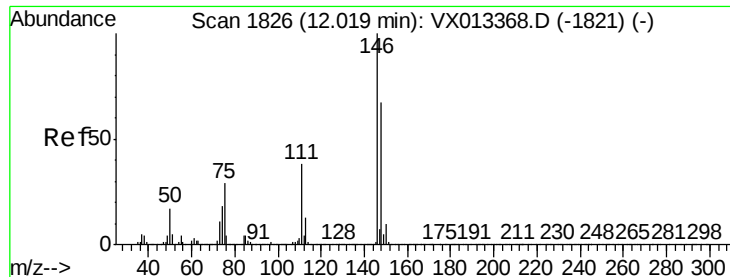
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#82
 p-Isopropyltoluene
 Concen: 20.904 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	570073		
134	26.6	0.0	51.6	
91	22.2	0.0	44.2	





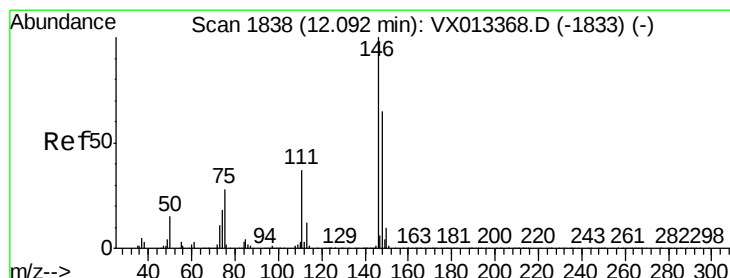
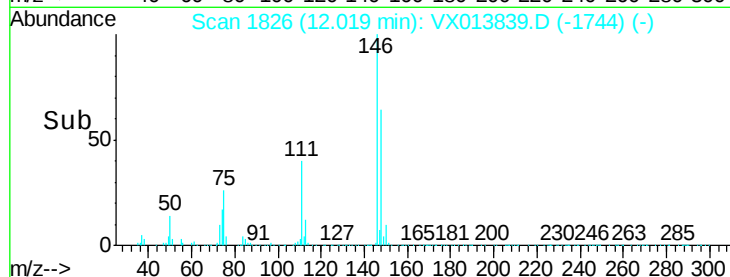
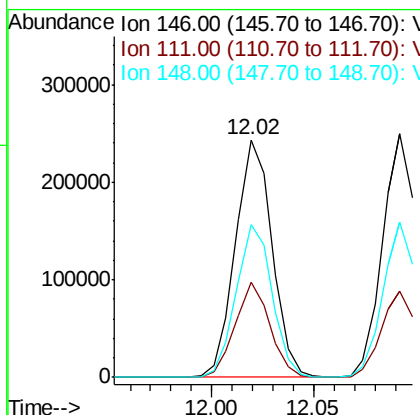
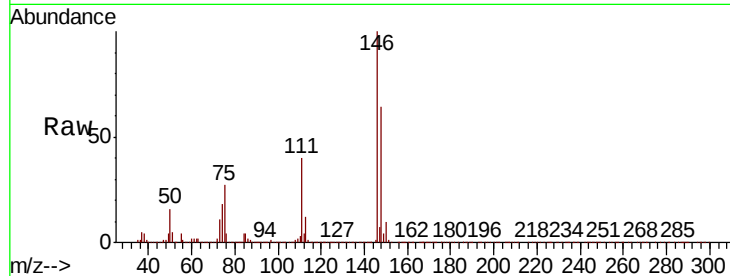
#83
 1,3-Dichlorobenzene
 Concen: 21.348 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.1	32.3	96.9

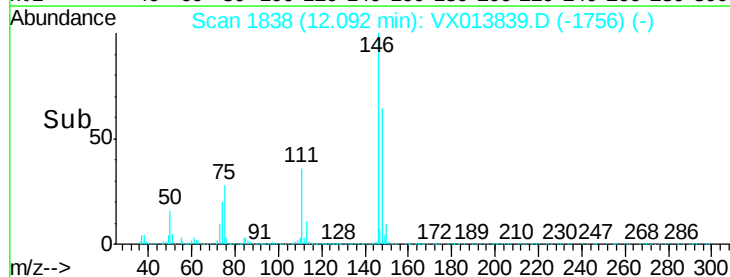
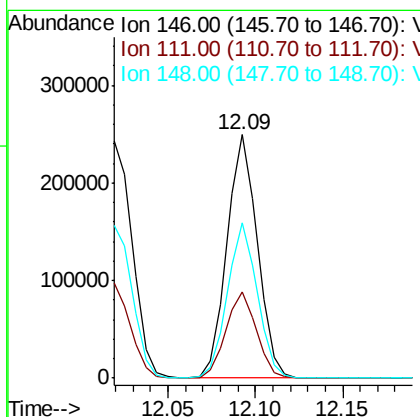
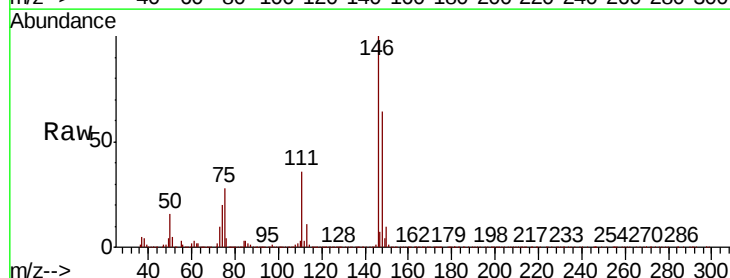
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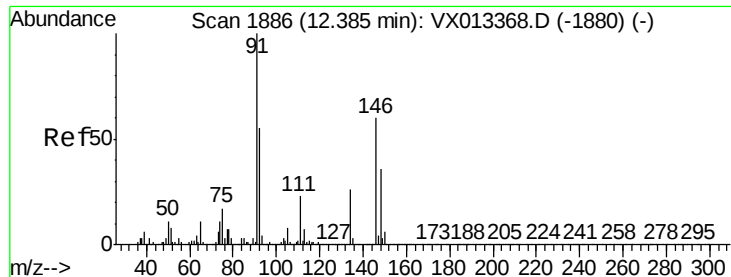
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#84
 1,4-Dichlorobenzene
 Concen: 21.466 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.6	55.6
148	62.8	32.5	97.4





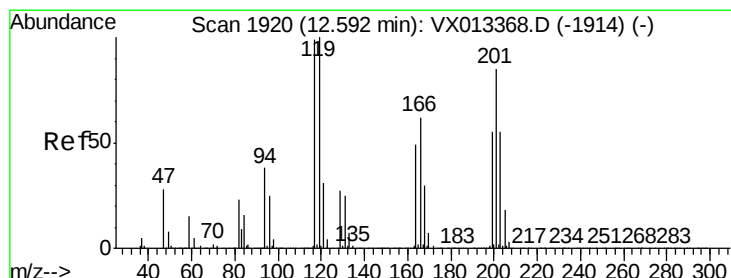
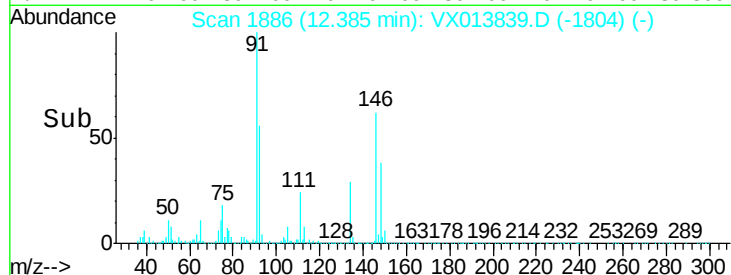
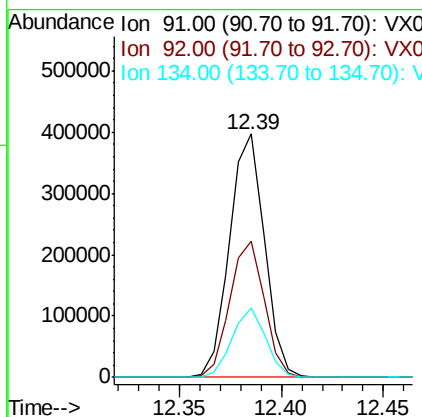
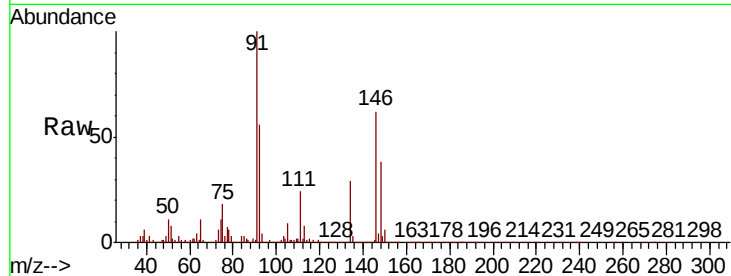
#85
n-Butylbenzene
Concen: 19.867 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	467609		
92	55.9	0.0	109.0	
134	27.5	0.0	53.0	

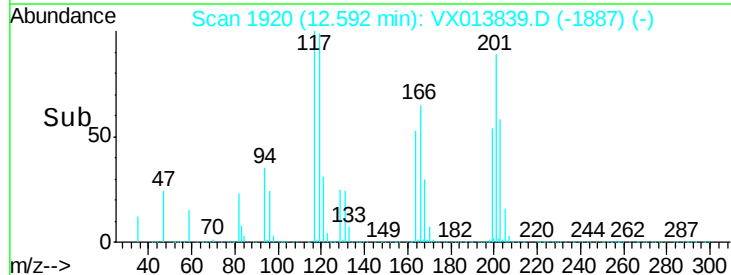
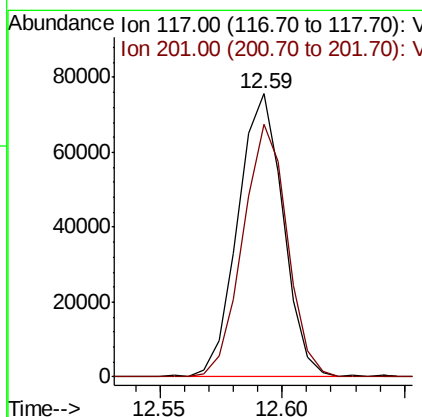
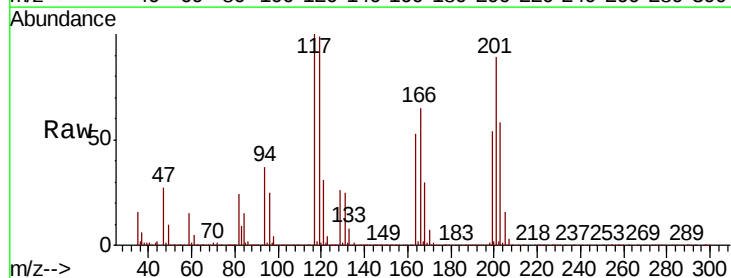
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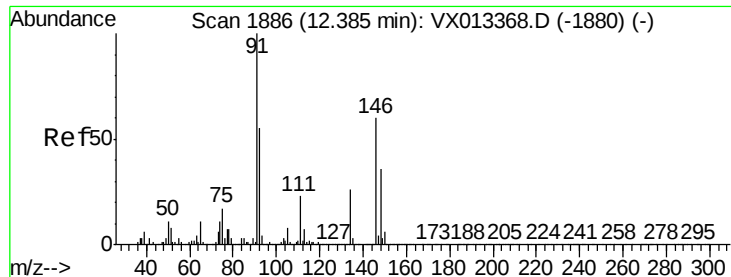
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#86
Hexachloroethane
Concen: 19.397 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97072		
201	88.0	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 21.428 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Instrument :

MSVOA_X

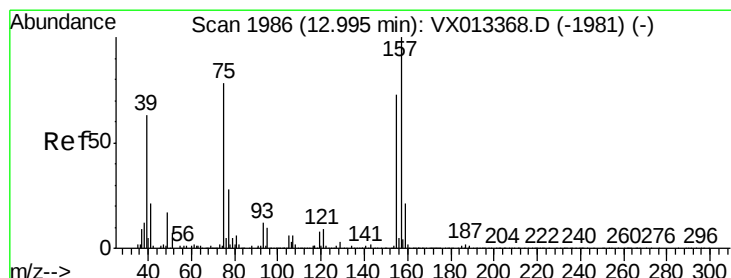
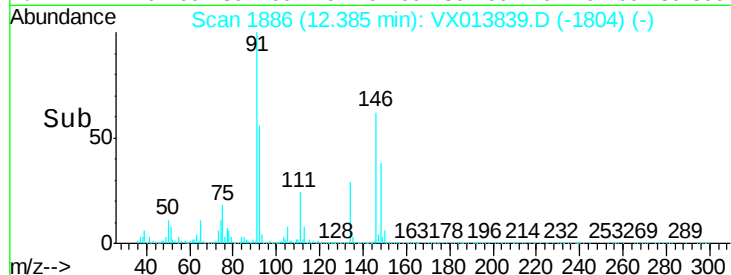
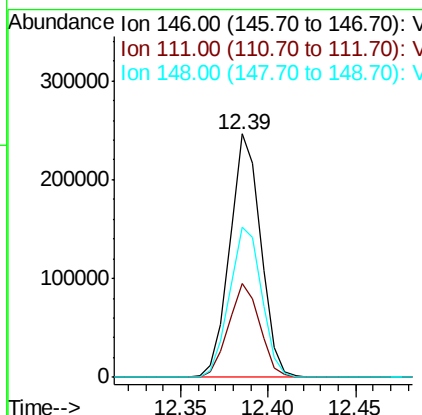
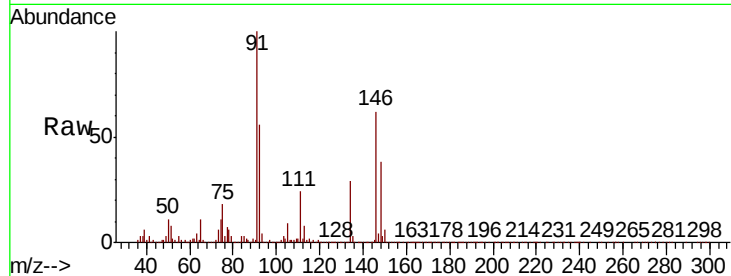
ClientSampleId :

VX1207WBS01

Tot Ion:	146	Resp:	303894
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.6	58.7
148	63.8	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.914 ug/l

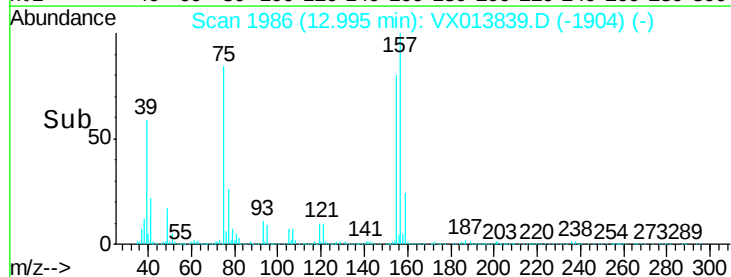
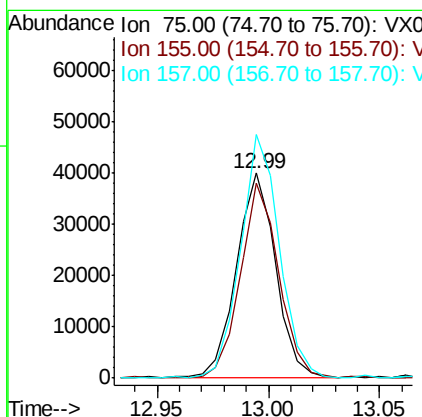
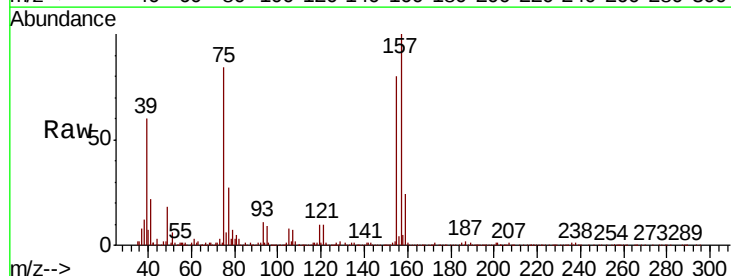
RT: 12.99 min Scan# 1886

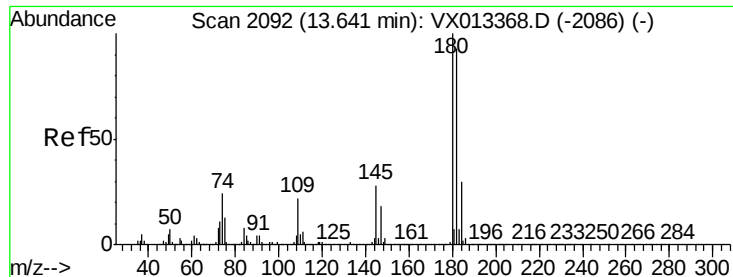
Delta R.T. 0.00 min

Lab File: VX013839.D

Acq: 07 Dec 2019 14:22

Tgt Ion:	75	Resp:	48779
Ion Ratio	Lower	Upper	
75	100		
155	93.4	76.9	115.3
157	119.1	101.2	151.8





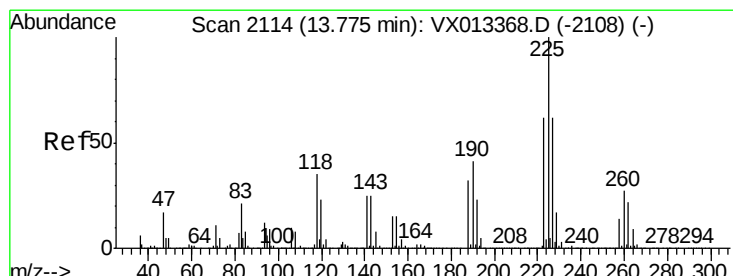
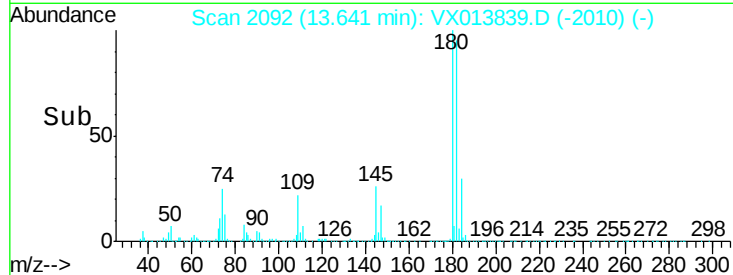
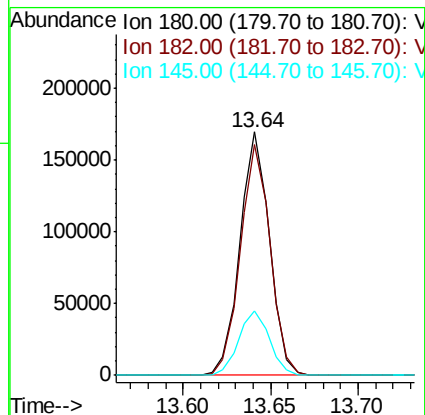
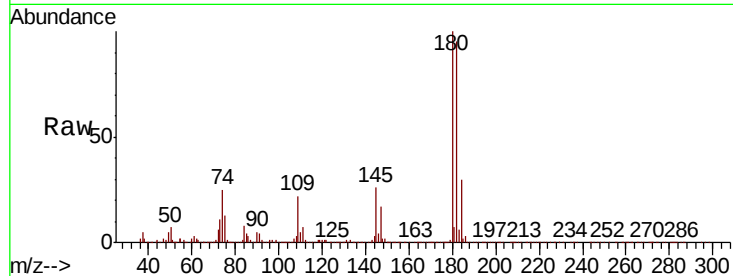
#89
 1,2,4-Trichlorobenzene
 Concen: 20.324 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.7	112.1
145	27.3	22.1	33.1

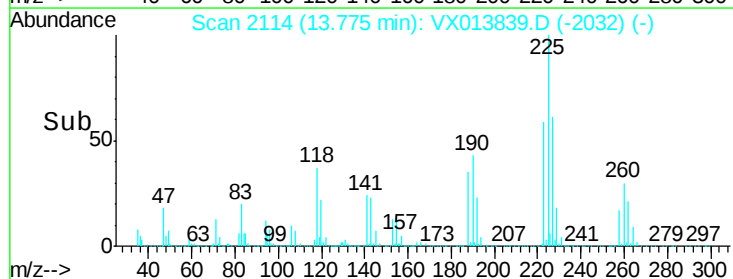
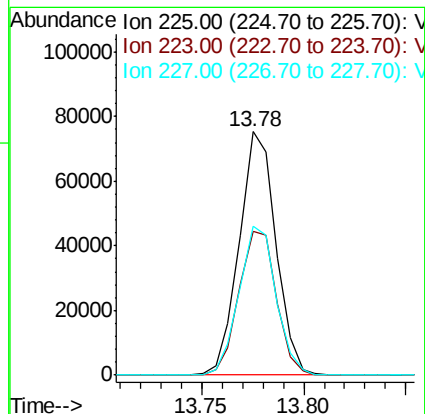
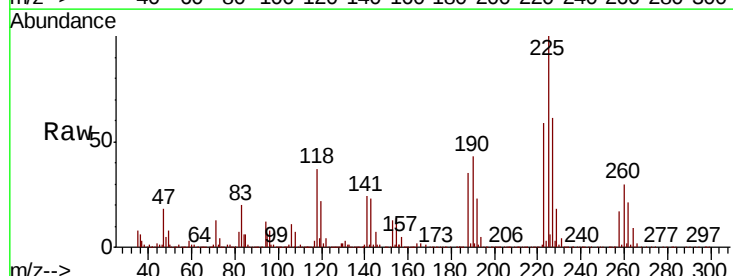
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#90
 Hexachlorobutadiene
 Concen: 20.013 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013839.D
 Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	123.0
227	61.6	0.0	121.8





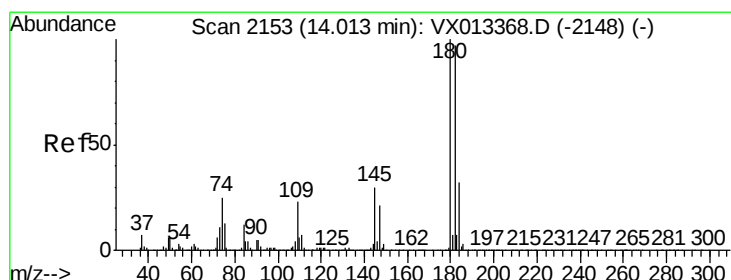
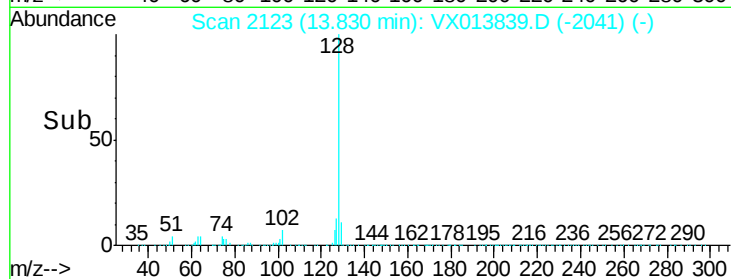
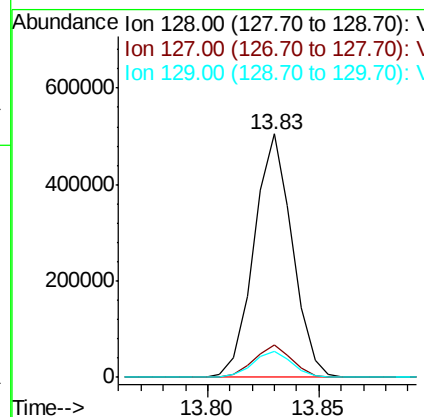
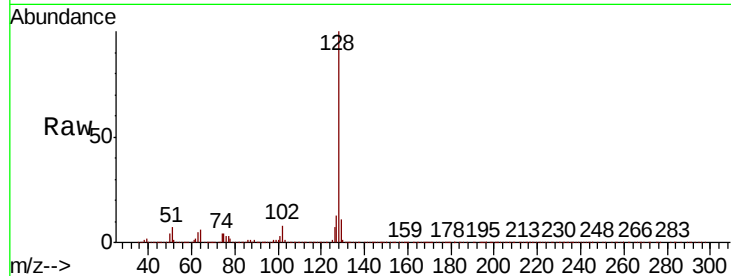
#91
Naphthalene
Concen: 19.487 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 20.494 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013839.D
Acq: 07 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	191.0
145	30.2	0.0	59.0

