

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013779.D
 Acq On : 05 Dec 2019 16:12
 Operator : JC/SP
 Sample : VX1205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1205WBSD01

Manual Integrations
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 12/9/2019 10:25:52 AM

Quant Time: Dec 06 11:43:22 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	113974	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	632614	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	570705	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	239575	28.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.90%
60) 4-Bromofluorobenzene	11.14	95	267279	29.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.13%
63) Toluene-d8	8.71	98	763381	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	147439	17.265	ug/l 99
3) Chloromethane	1.32	50	157962	16.973	ug/l 99
4) Vinyl Chloride	1.40	62	182573	17.264	ug/l 99
5) Bromomethane	1.63	94	94920	14.930	ug/l 100
6) Chloroethane	1.72	64	103399	17.787	ug/l 100
7) Trichlorofluoromethane	1.92	101	200273	17.591	ug/l 100
8) Diethyl Ether	2.18	74	93089	17.908	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120845	17.642	ug/l 99
10) 1,1-Dichloroethene	2.37	96	121048	17.197	ug/l 93
11) Methyl Iodide	2.50	142	124271	14.298	ug/l 99
12) Methyl Acetate	2.76	43	213294	17.293	ug/l 100
13) Acrolein	2.28	56	94466	72.101	ug/l 98
14) Acrylonitrile	3.13	53	371467	81.899	ug/l 99
15) Acetone	2.43	58	98811	71.930	ug/l 99
16) Carbon Disulfide	2.56	76	315847	16.087	ug/l 100
17) Allyl chloride	2.72	41	211873	16.345	ug/l 97
18) Methylene Chloride	2.85	84	142819	17.883	ug/l 95
19) trans-1,2-Dichloroethene	3.15	96	126679	16.839	ug/l 97
20) Diisopropyl ether	3.84	45	431823	17.315	ug/l 90
21) 1,1-Dichloroethane	3.69	63	235396	17.330	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	150389	17.534	ug/l 97
23) tert-Butyl Alcohol	3.03	59	170325	78.031	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	409838	17.592	ug/l 100
25) Chloroform	5.20	83	230947	17.370	ug/l 100
26) Cyclohexane	5.57	56	209089	16.951	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	170682	17.664	ug/l 99
30) 2-Butanone	4.66	43	521409	81.754	ug/l 99
31) 2,2-Dichloropropane	4.58	77	181635	17.357	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	195515	18.205	ug/l 99
33) Carbon Tetrachloride	5.78	117	167146	17.918	ug/l 98
34) Benzene	6.14	78	536418	18.303	ug/l 100
35) Methacrylonitrile	5.03	41	109822	17.243	ug/l 96
36) 1,2-Dichloroethane	6.18	62	188200	18.346	ug/l 99
37) Trichloroethene	7.21	130	143772	18.311	ug/l 95
38) Methylcyclohexane	7.46	83	207910	17.549	ug/l 99
39) 1,2-Dichloropropane	7.51	63	133607	17.631	ug/l 98
40) Dibromomethane	7.66	93	90624	17.969	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX1205WBSD01

Manual Integrations
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 12/9/2019 10:25:52 AM

Quant Time: Dec 06 11:43:22 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	177704	18.050	ug/l	98
42) Vinyl Acetate	3.80	43	1788033	89.047	ug/l	100
43) Ethyl Acetate	4.82	43	205549	17.671	ug/l	98
44) Isopropyl Acetate	6.43	43	323996	17.328	ug/l	99
45) 1,4-Dioxane	7.73	88	70324	340.657	ug/l	97
46) Methyl methacrylate	7.76	41	161136	17.325	ug/l	100
47) n-amyl Acetate	10.89	43	278805	16.999	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	191850	17.378	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	212025	17.528	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	138343	18.537	ug/l	99
51) Ethyl methacrylate	9.17	69	220676	17.960	ug/l	99
52) 1,3-Dichloropropane	9.37	76	234894	18.412	ug/l	99
53) Dibromochloromethane	9.57	129	141716	17.917	ug/l	97
54) 1,2-Dibromoethane	9.67	107	146143	18.314	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	442698	84.320	ug/l	99
56) Bromoform	10.85	173	108386	17.219	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	1044238	87.588	ug/l	99
59) 2-Hexanone	9.48	43	793377	84.105	ug/l	99
61) Tetrachloroethene	9.33	164	130238	18.506	ug/l	98
62) Toluene	8.78	91	581310	18.286	ug/l	99
64) Chlorobenzene	10.14	112	363149	18.270	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	131839	17.720	ug/l	98
66) Ethyl Benzene	10.25	91	631310	18.077	ug/l	99
67) m/p-Xylenes	10.35	106	485602	36.046	ug/l	99
68) o-Xylene	10.70	106	234845	18.063	ug/l	99
69) Styrene	10.71	104	398300	17.941	ug/l	100
70) Isopropylbenzene	11.01	105	620921	18.125	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	220878	18.007	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	201473m	19.452	ug/l	
73) Bromobenzene	11.25	156	159754	17.683	ug/l	99
74) n-propylbenzene	11.35	91	694557	17.840	ug/l	99
75) 2-Chlorotoluene	11.42	91	419909	18.137	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	518007	17.989	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	66249	15.819	ug/l	96
78) 4-Chlorotoluene	11.51	91	471109	17.761	ug/l	100
79) tert-butylbenzene	11.77	119	524997	18.070	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	516499	17.999	ug/l	100
81) sec-Butylbenzene	11.94	105	601699	18.152	ug/l	99
82) p-Isopropyltoluene	12.06	119	544420	17.826	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	279982	17.627	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	278362	17.655	ug/l	100
85) n-Butylbenzene	12.38	91	441729	16.758	ug/l	99
86) Hexachloroethane	12.59	117	97352	17.370	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	284831	17.933	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	45963	16.755	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	187647	17.135	ug/l	100
90) Hexachlorobutadiene	13.77	225	88551	16.874	ug/l	97
91) Naphthalene	13.83	128	592187	17.079	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	185640	16.774	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

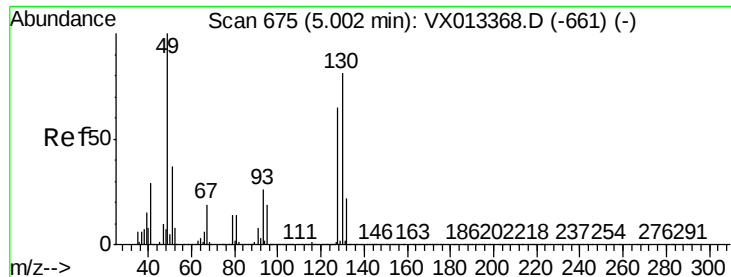
Manual Integrations
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Quant Time: Dec 06 11:43:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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



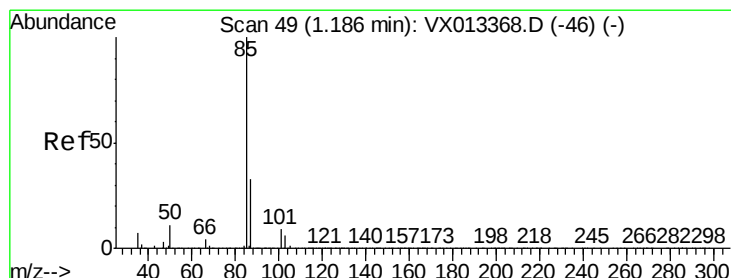
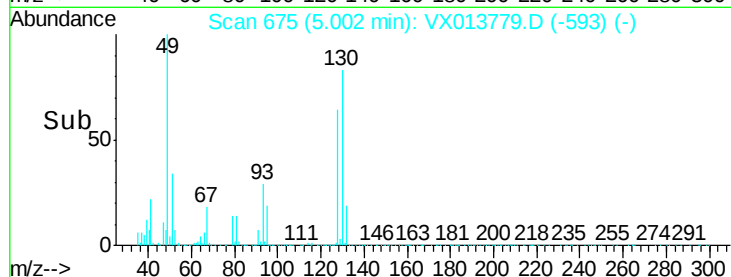
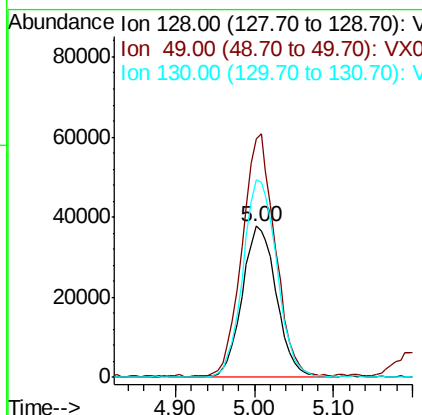
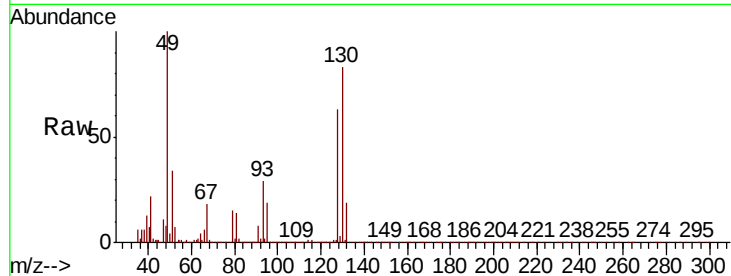
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.1	0.0	388.3
130	129.0	0.0	318.5

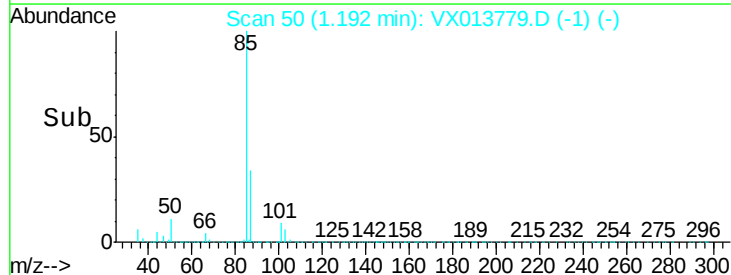
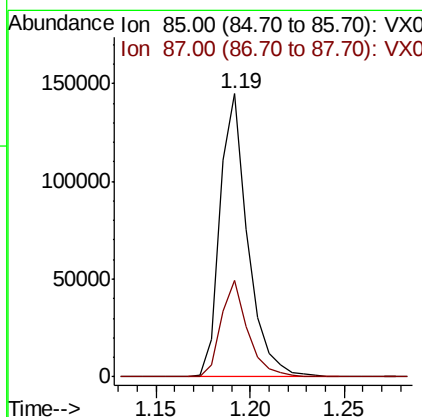
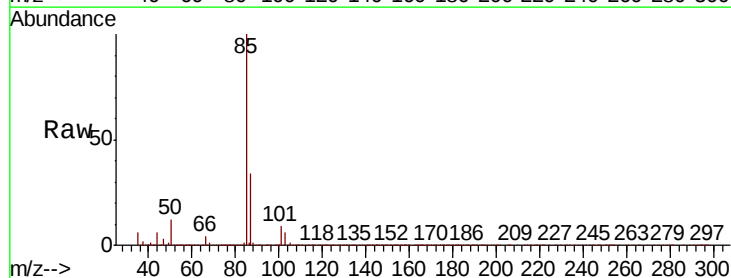
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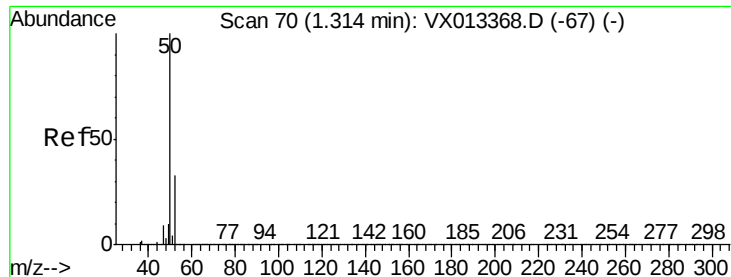
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#2
Dichlorodifluoromethane
Concen: 17.265 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.6	49.7





#3

Chloromethane

Concen: 16.973 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 50 Resp: 157962

Ion Ratio Lower Upper

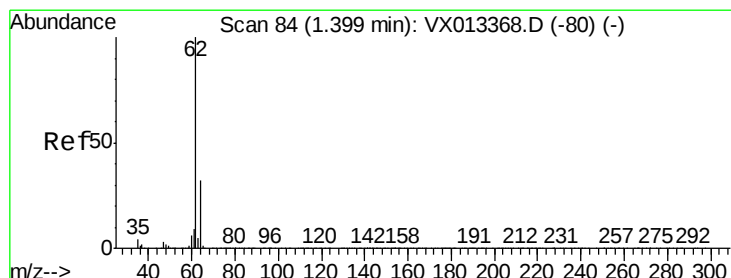
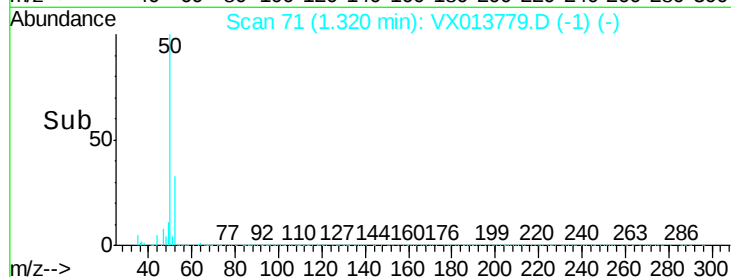
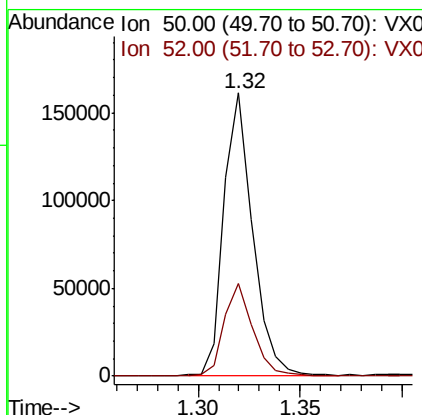
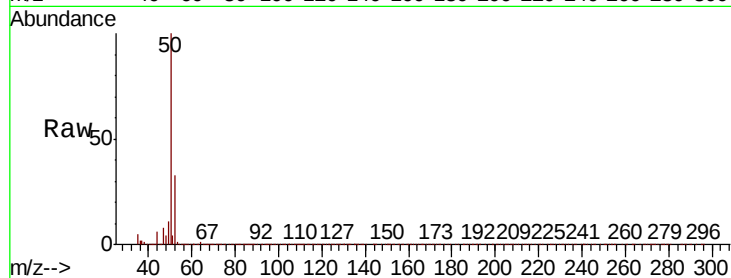
50 100

52 32.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.264 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013779.D

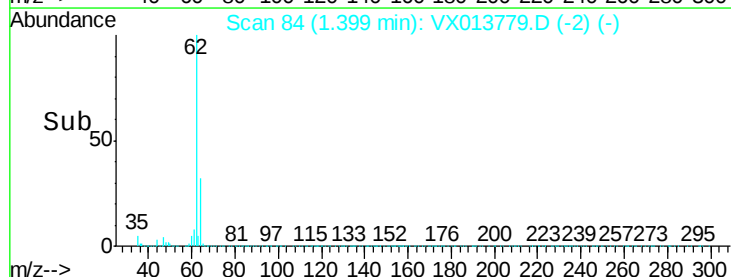
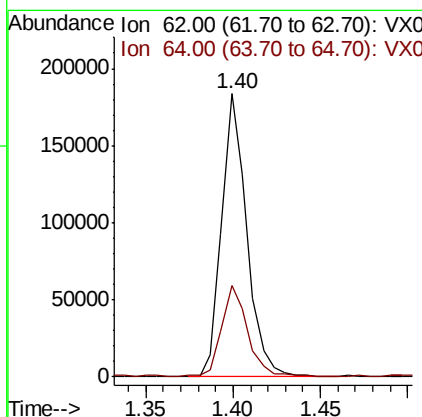
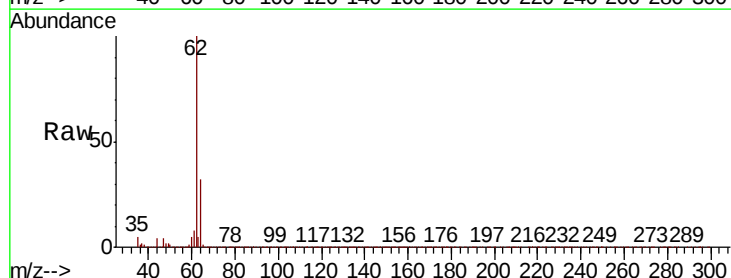
Acq: 05 Dec 2019 16:12

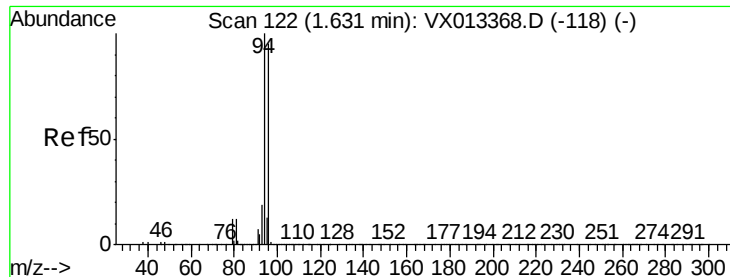
Tgt Ion: 62 Resp: 182573

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 14.930 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 94 Resp: 94920

Ion Ratio Lower Upper

94 100

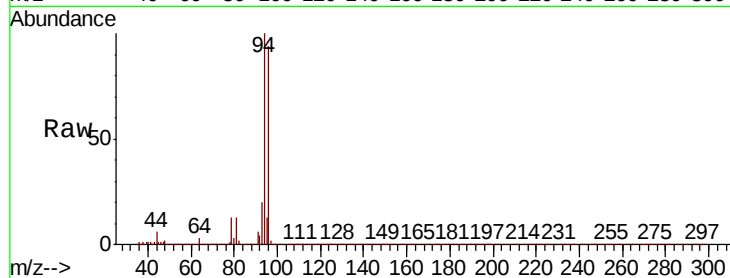
96 94.4 75.7 113.5

Manual Integrations

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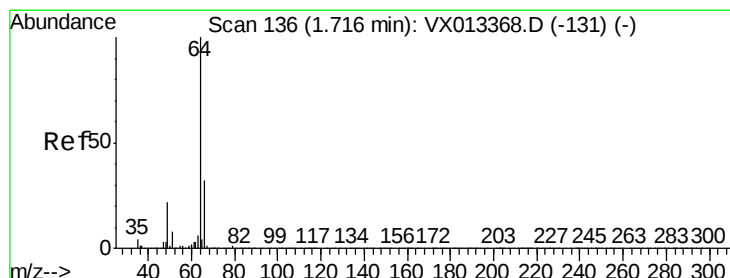
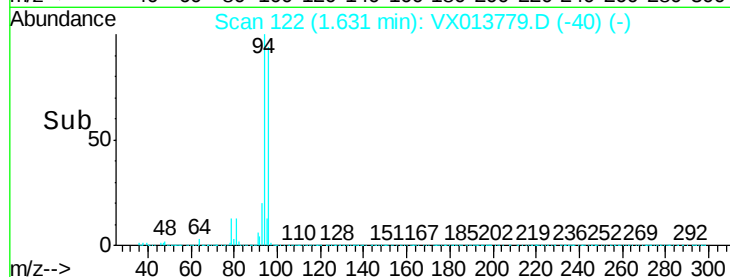
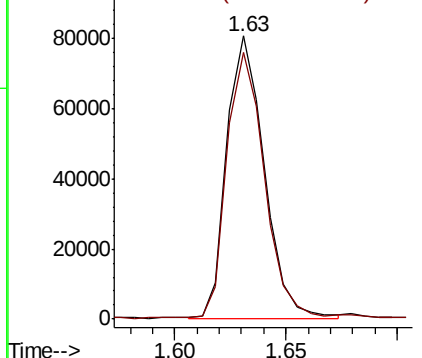
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.787 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013779.D

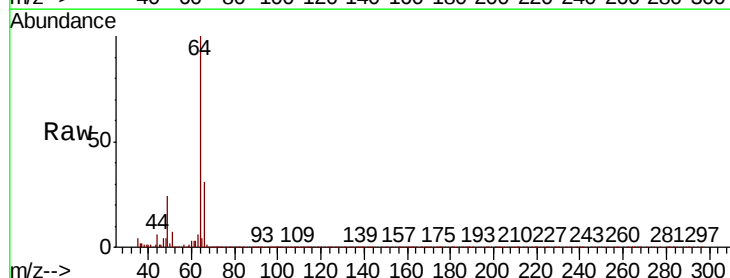
Acq: 05 Dec 2019 16:12

Tgt Ion: 64 Resp: 103399

Ion Ratio Lower Upper

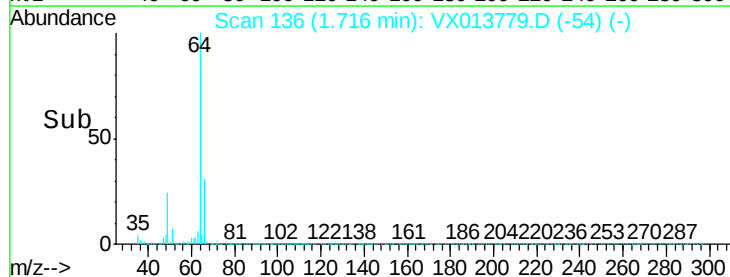
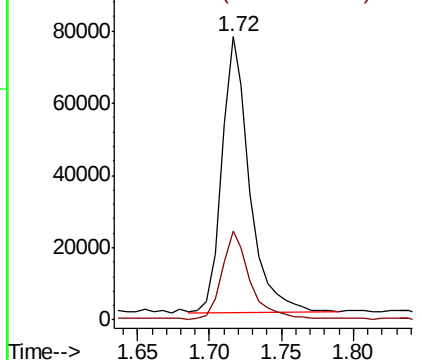
64 100

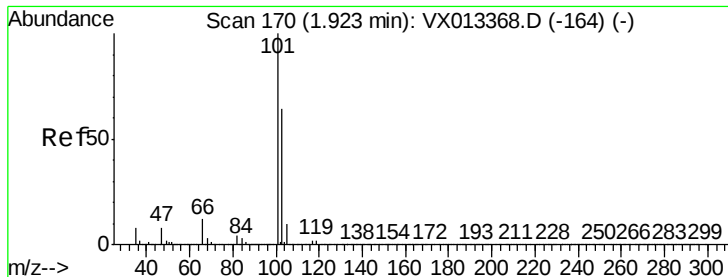
66 31.8 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

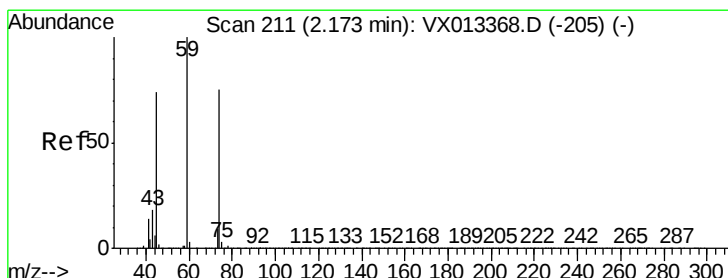
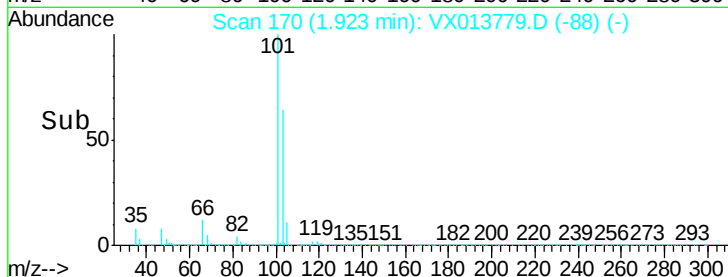
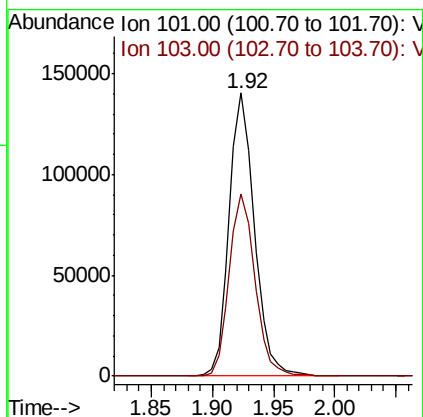
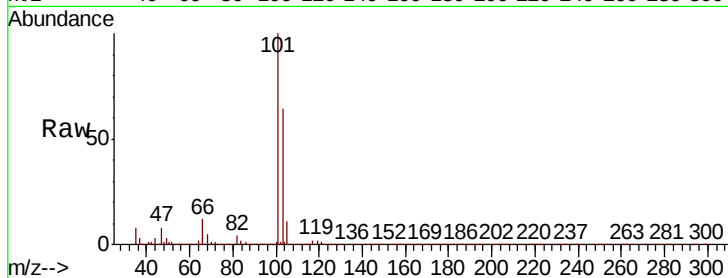
Trichlorofluoromethane
Concen: 17.591 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

Manual Integrations
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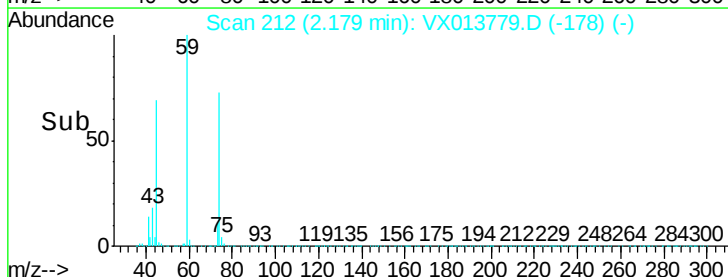
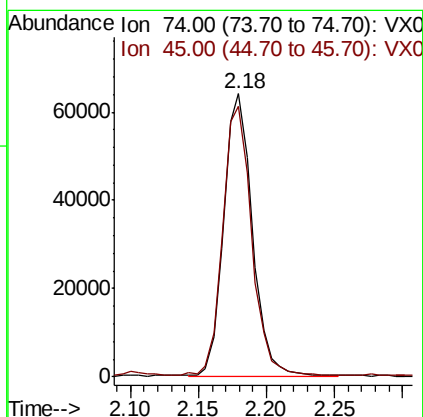
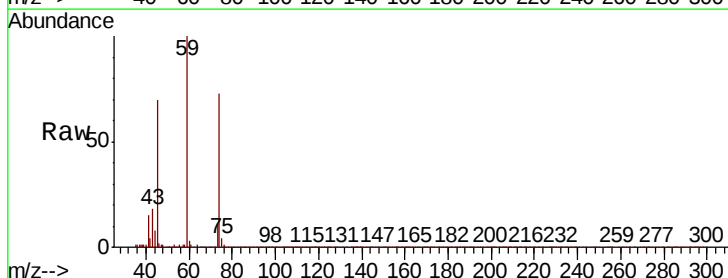
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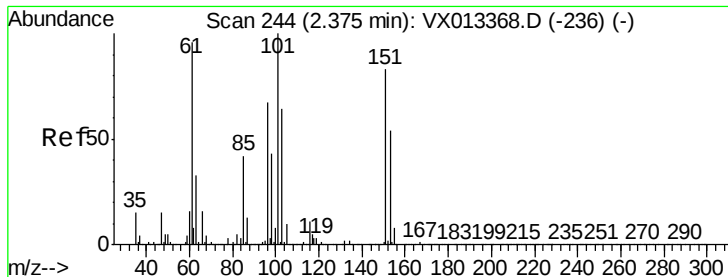


#8

Diethyl Ether
Concen: 17.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.642 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

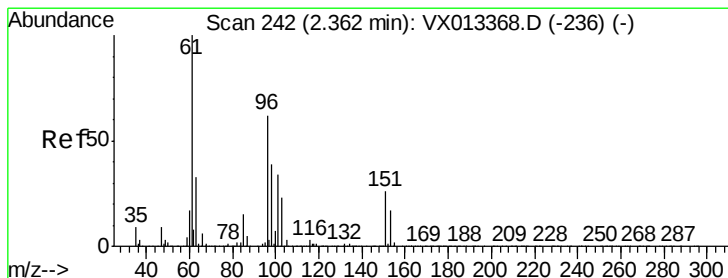
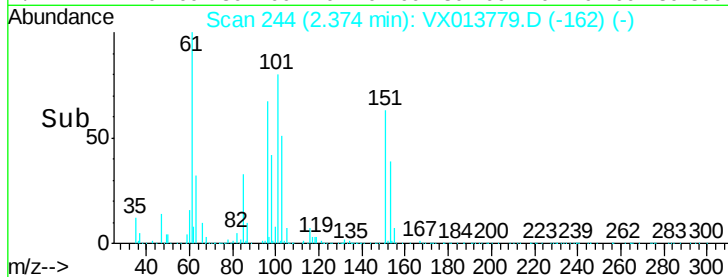
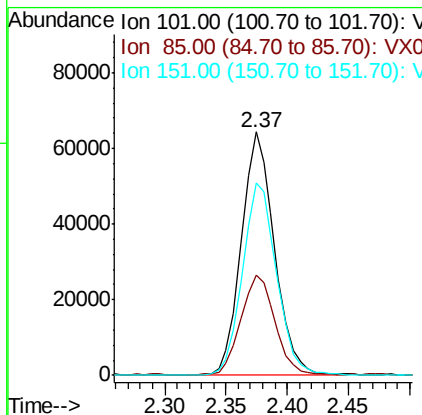
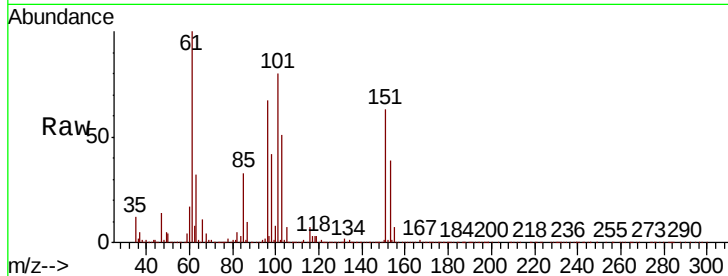
ClientSampleId :

VX1205WBSD01

Tot Ion:	101	Resp:	120845
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	83.2
151	81.4	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.197 ug/l

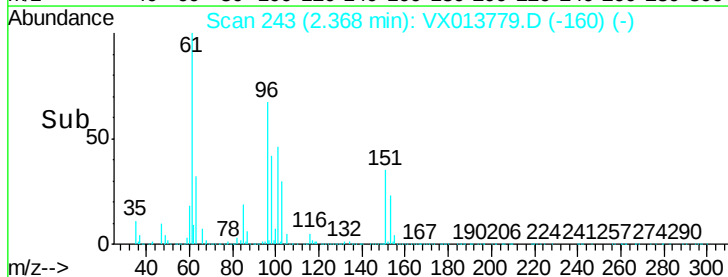
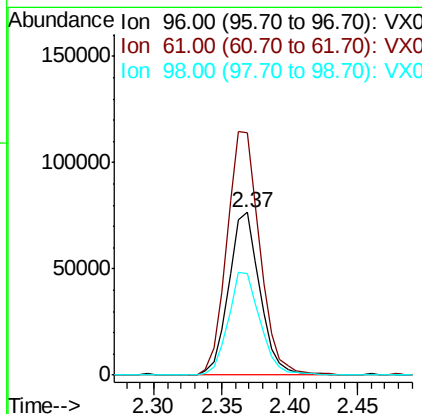
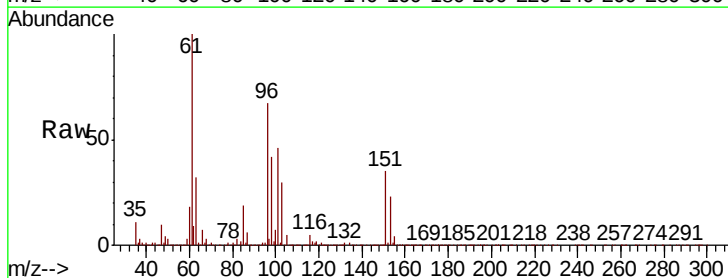
RT: 2.37 min Scan# 243

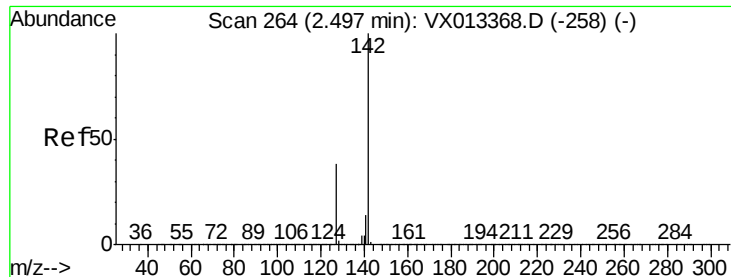
Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	96	Resp:	121048
Ion Ratio	Lower	Upper	
96	100		
61	149.3	128.9	193.3
98	62.7	49.7	74.5





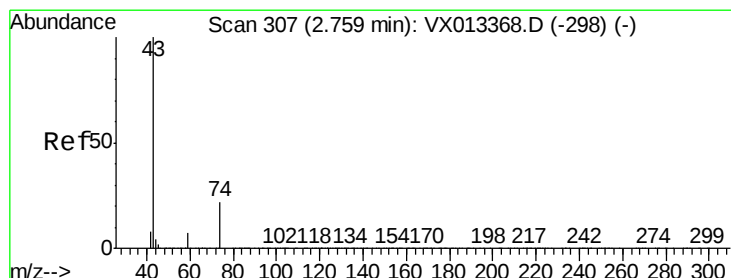
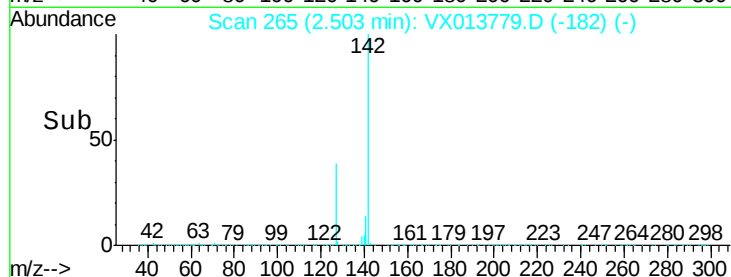
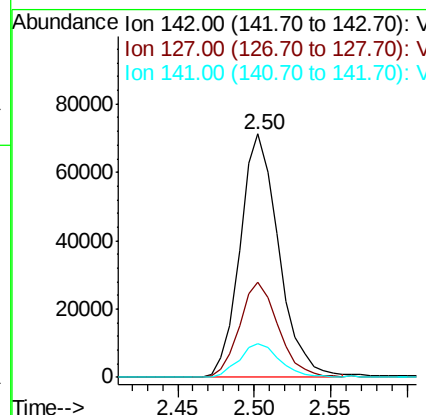
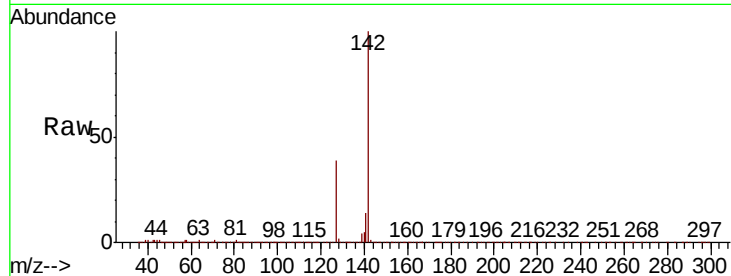
#11
Methyl Iodide
Concen: 14.298 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.8	19.1	57.5
141	13.6	7.0	21.0

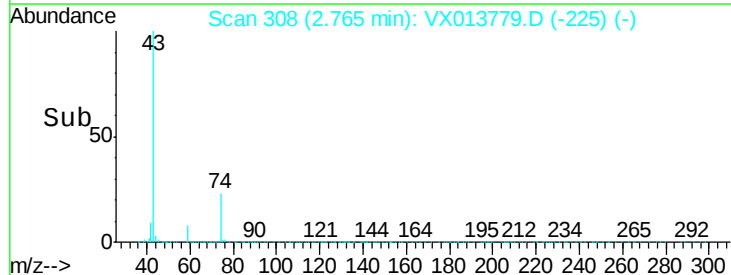
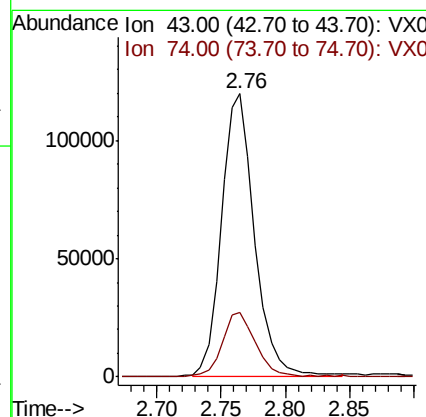
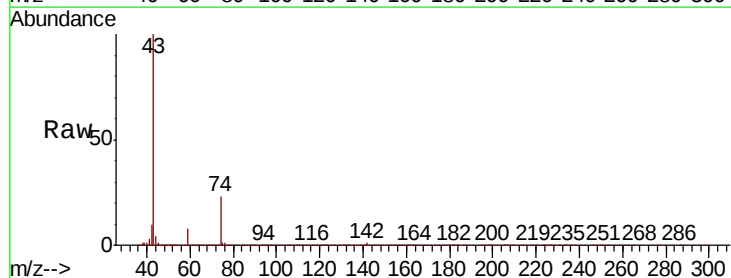
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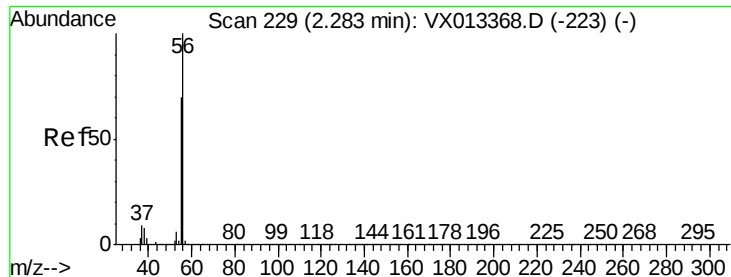
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#12
Methyl Acetate
Concen: 17.293 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.0	27.0





#13

Acrolein

Concen: 72.101 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 56 Resp: 94466

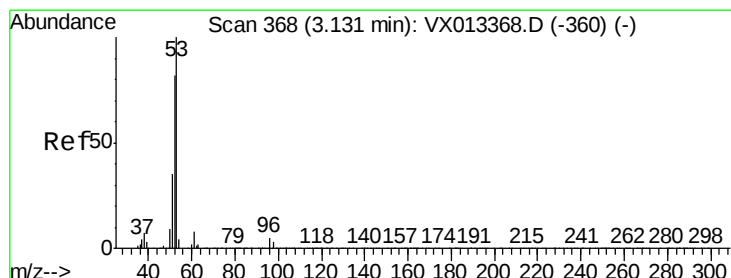
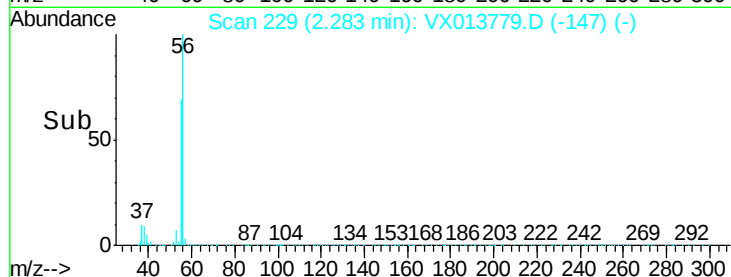
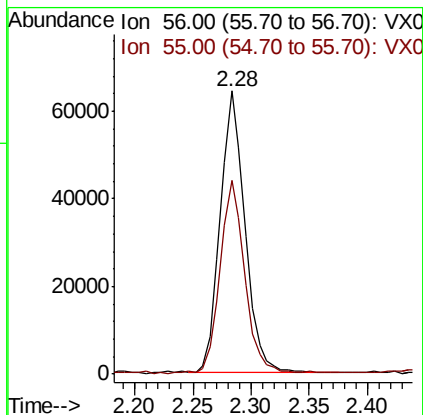
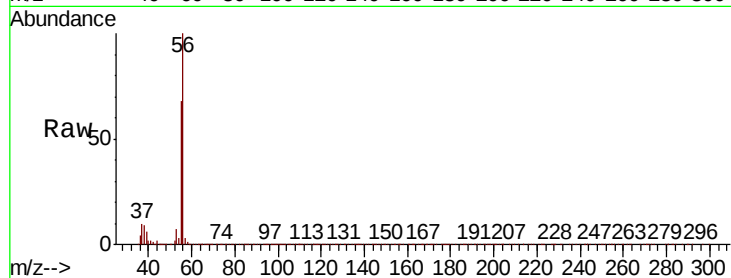
Ion Ratio Lower Upper

56 100

55 68.1 55.8 83.8

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#14

Acrylonitrile

Concen: 81.899 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

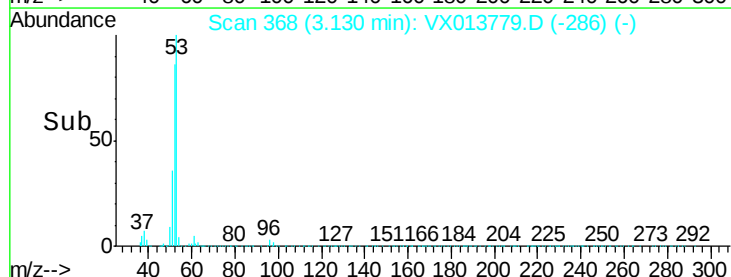
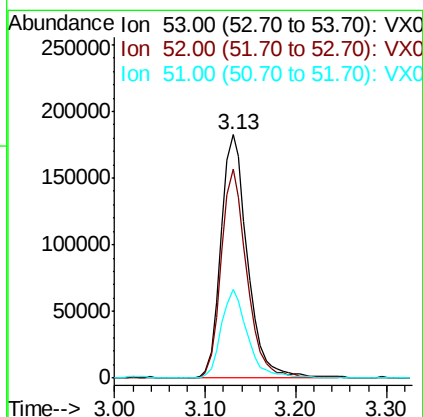
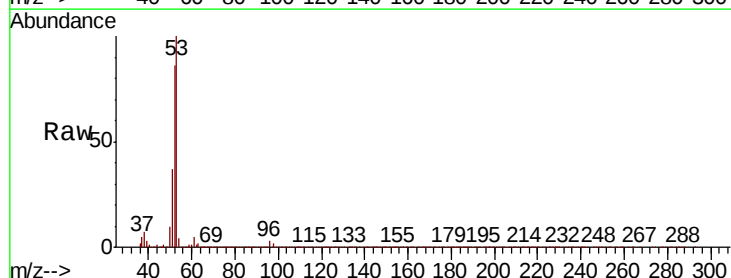
Tgt Ion: 53 Resp: 371467

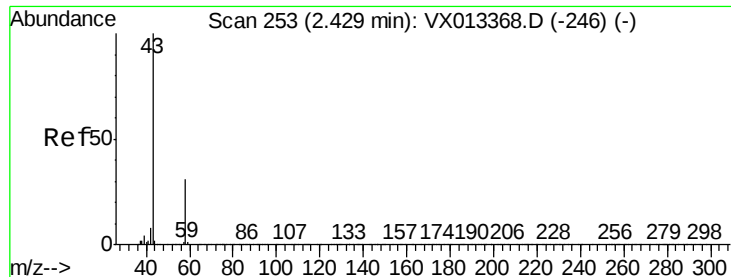
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.0

51 35.8 17.3 51.9





#15

Acetone

Concen: 71.930 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 58 Resp: 98811

Ion Ratio Lower Upper

58 100

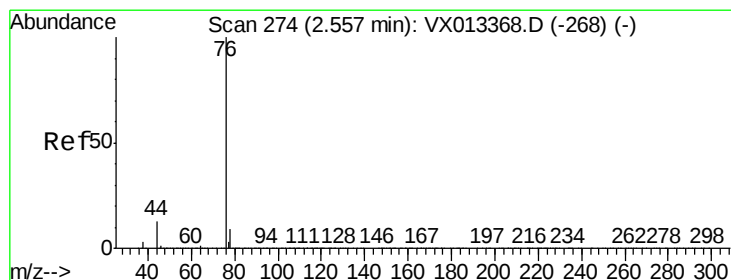
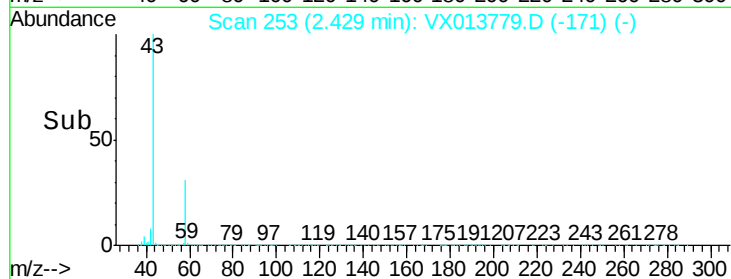
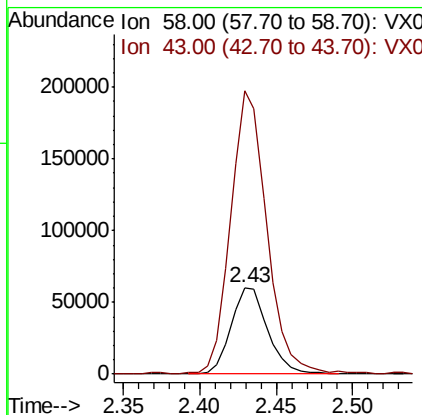
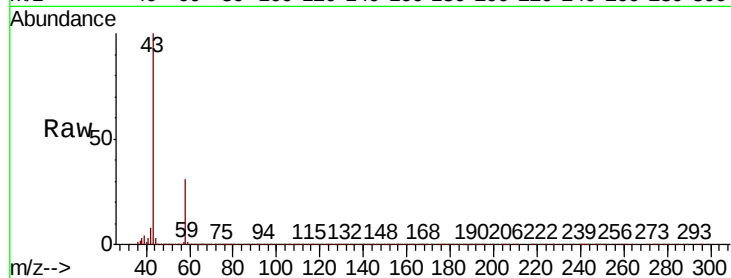
43 325.5 261.4 392.2

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#16

Carbon Disulfide

Concen: 16.087 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013779.D

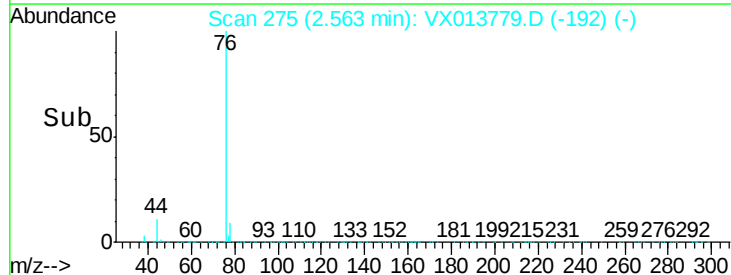
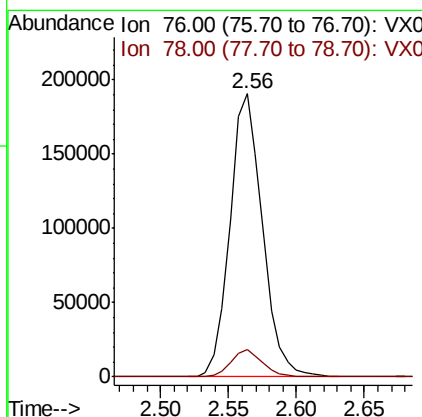
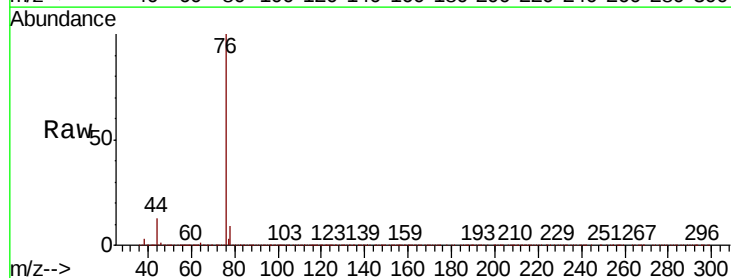
Acq: 05 Dec 2019 16:12

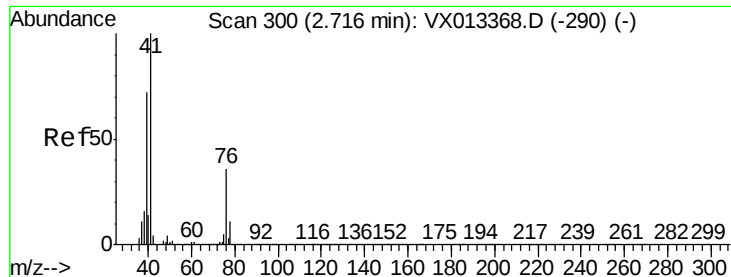
Tgt Ion: 76 Resp: 315847

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





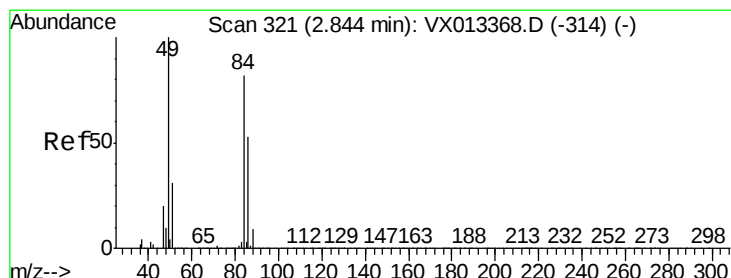
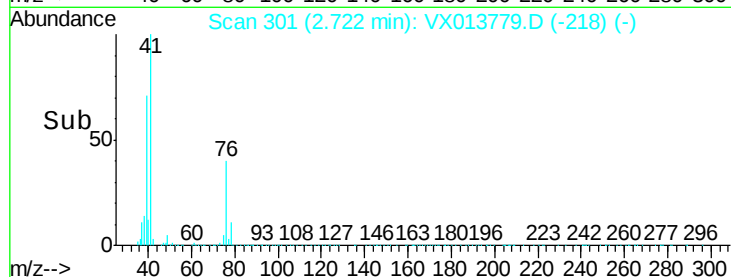
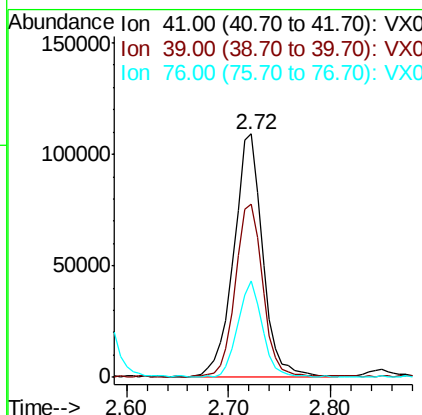
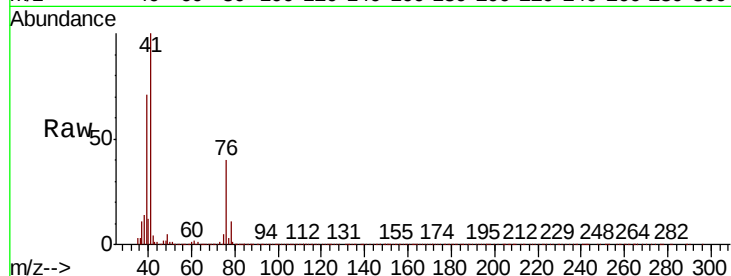
#17
Allvl chloride
Concen: 16.345 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.1	36.1	108.3
76	39.5	18.1	54.4

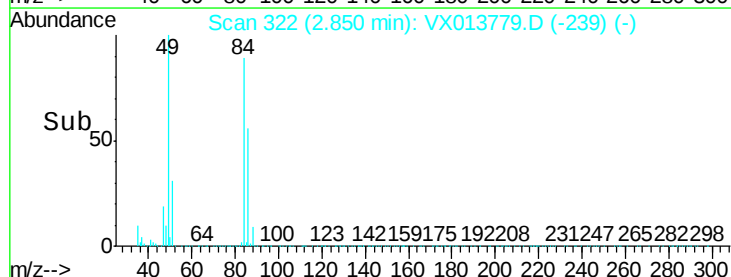
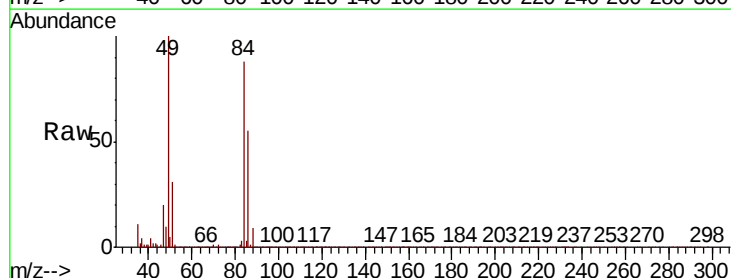
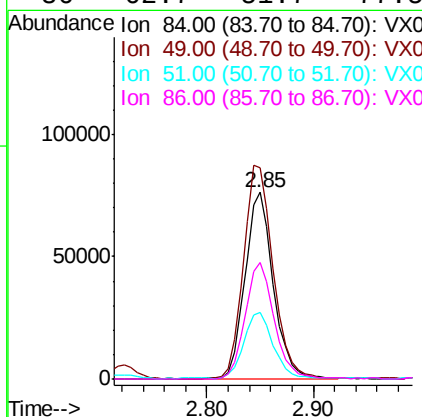
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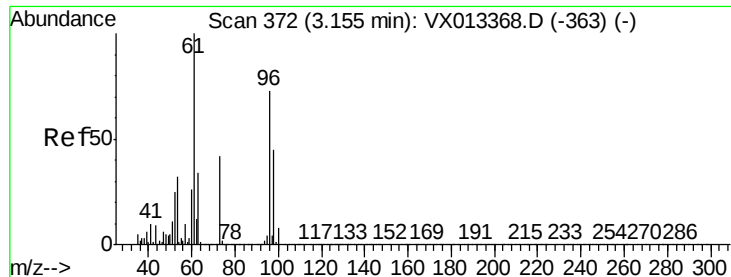
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#18
Methylene Chloride
Concen: 17.883 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.2	96.8	145.2
51	35.0	30.0	45.0
86	62.7	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 16.839 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

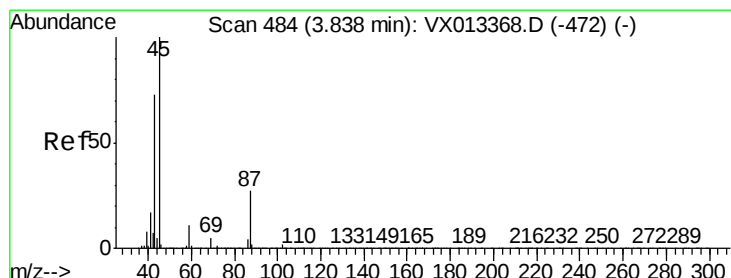
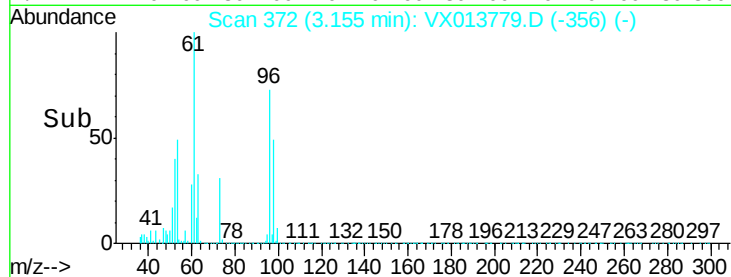
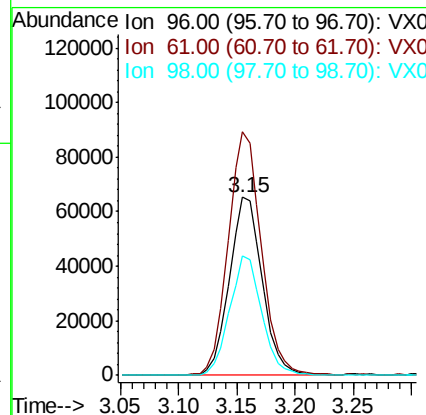
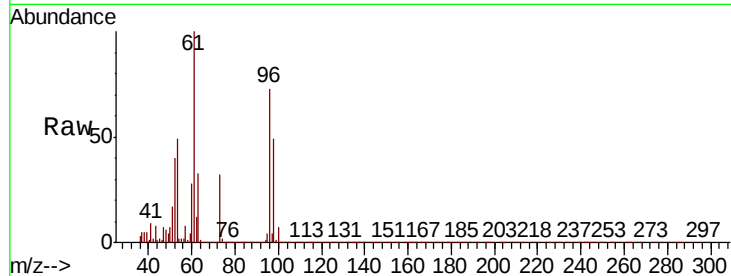
ClientSampleId :

VX1205WBSD01

Tot Ion:	96	Resp:	126679
Ion	Ratio	Lower	Upper
96	100		
61	136.7	109.9	164.9
98	67.4	49.7	74.5

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#20

Diisopropyl ether

Concen: 17.315 ug/l

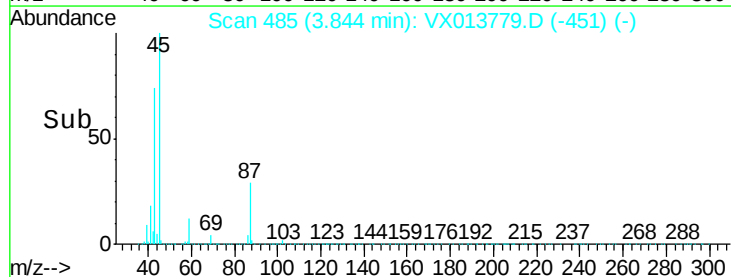
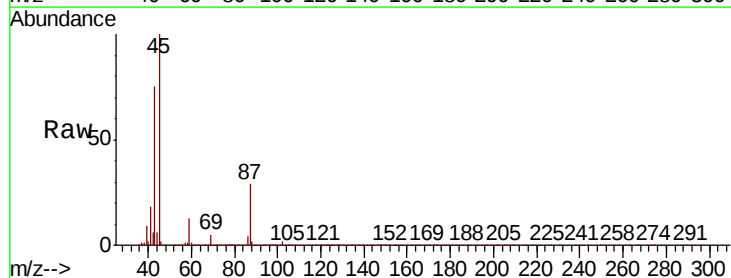
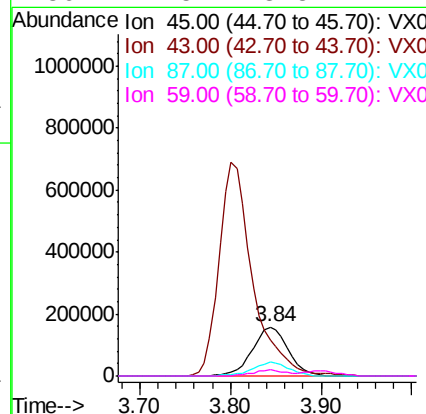
RT: 3.84 min Scan# 485

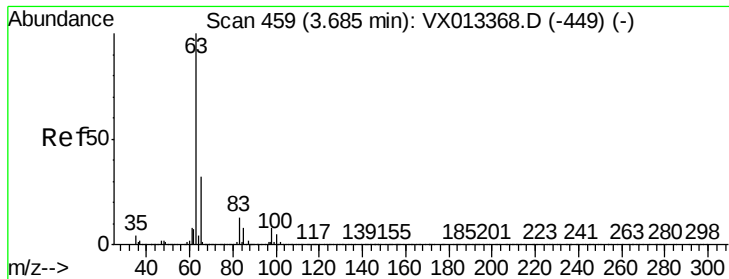
Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	45	Resp:	431823
Ion	Ratio	Lower	Upper
45	100		
43	73.2	67.7	101.5
87	29.2	21.5	32.3
59	12.5	8.5	12.7





#21

1,1-Dichloroethane

Concen: 17.330 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

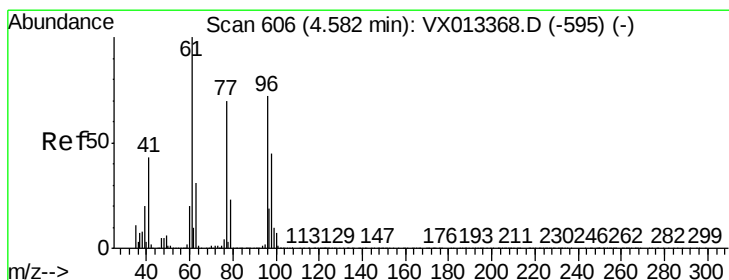
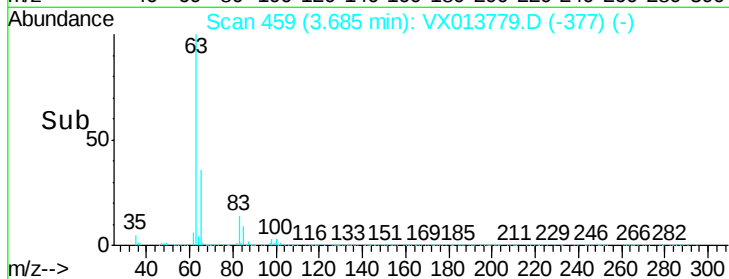
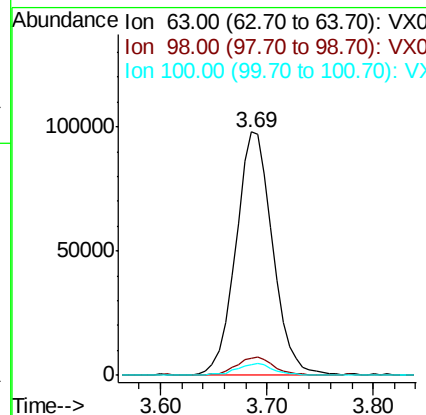
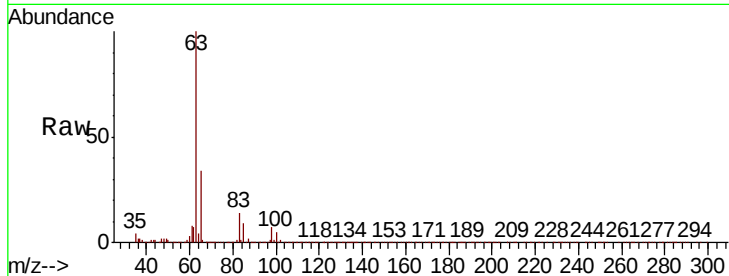
ClientSampleID :

VX1205WBSD01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.2	4.0	11.9
100	4.4	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 17.534 ug/l

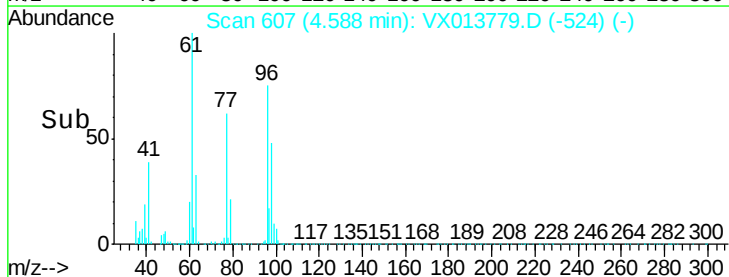
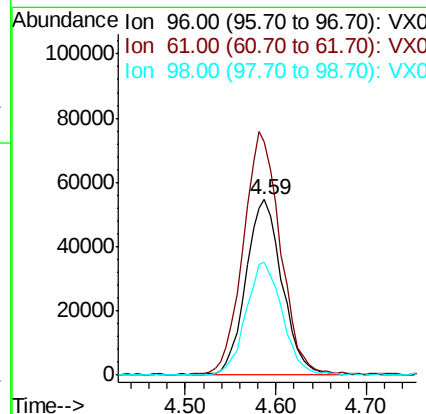
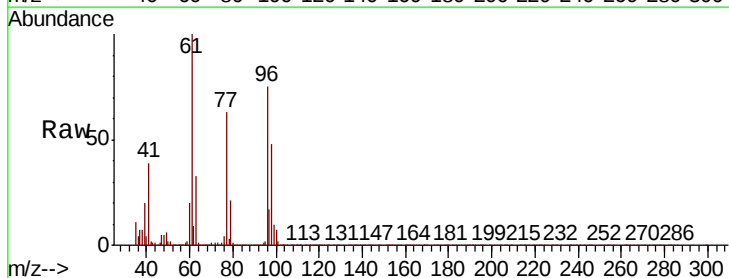
RT: 4.59 min Scan# 607

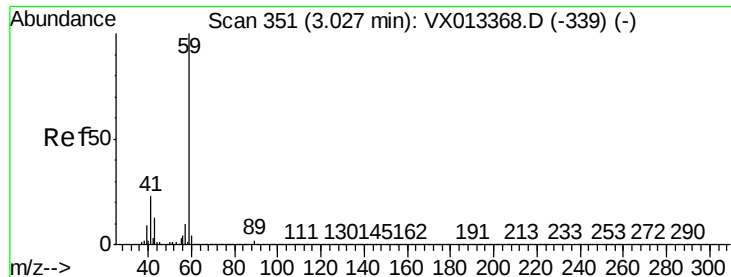
Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	140.8	117.0	175.6
98	64.1	51.1	76.7





#23

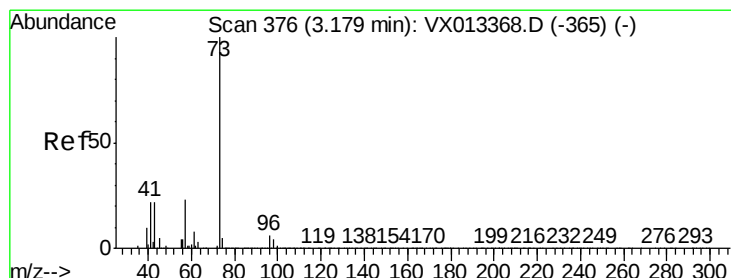
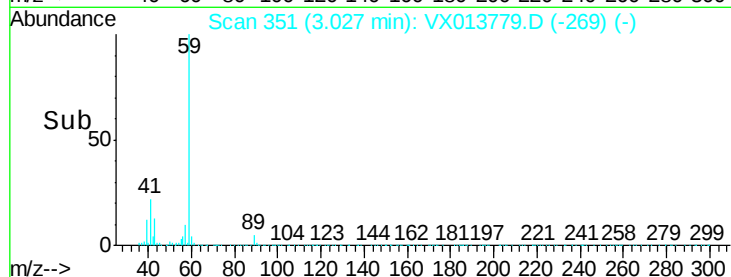
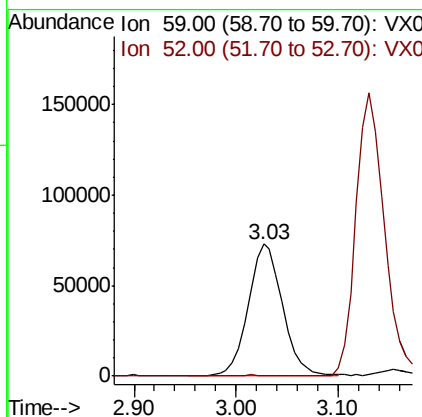
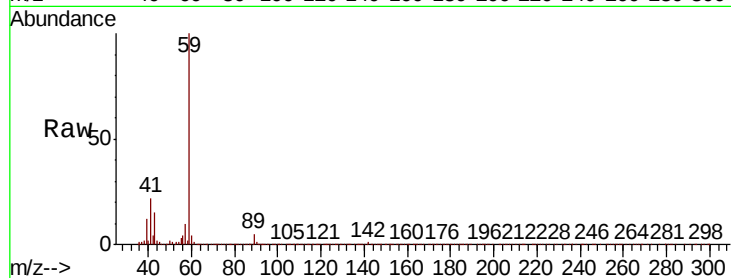
tert-Butyl Alcohol
 Concen: 78.031 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

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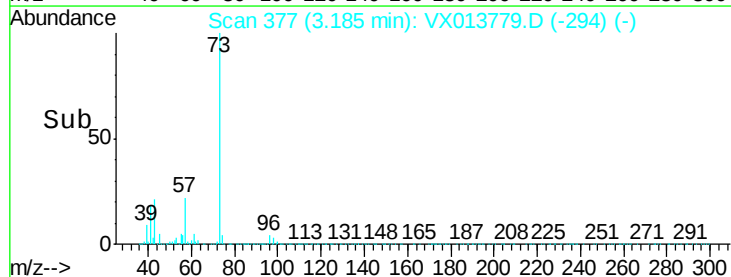
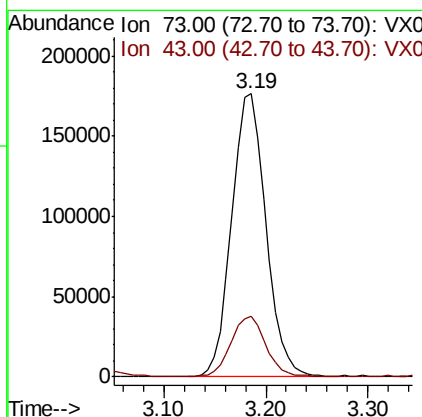
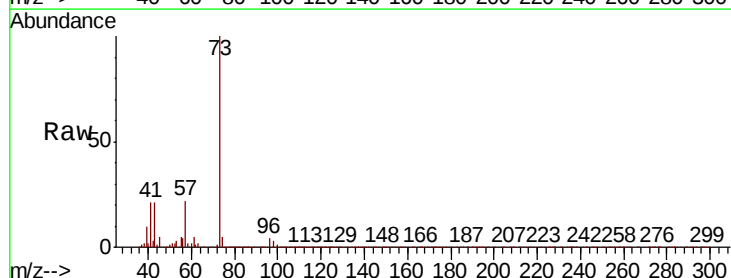
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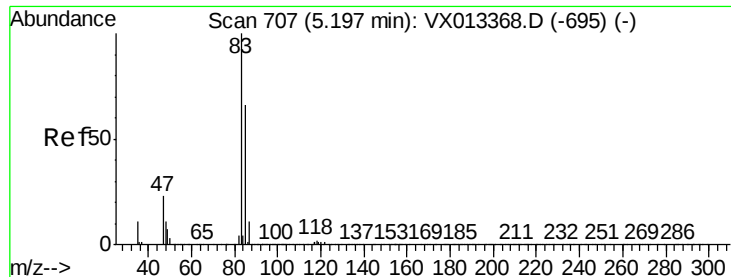


#24

Methyl tert-Butyl Ether
 Concen: 17.592 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.0	25.6





#25

Chloroform

Concen: 17.370 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 83 Resp: 230947

Ion Ratio Lower Upper

83 100

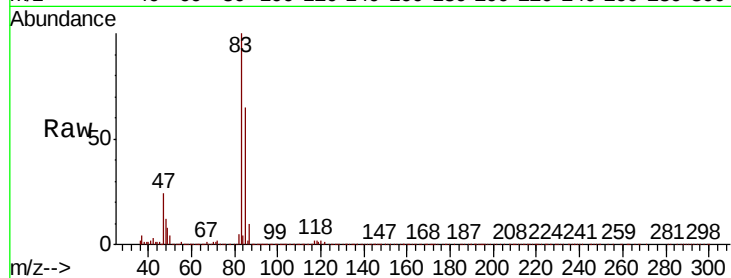
85 65.4 52.4 78.6

Manual Integrations

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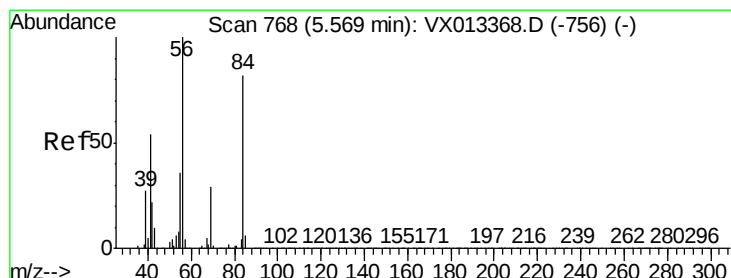
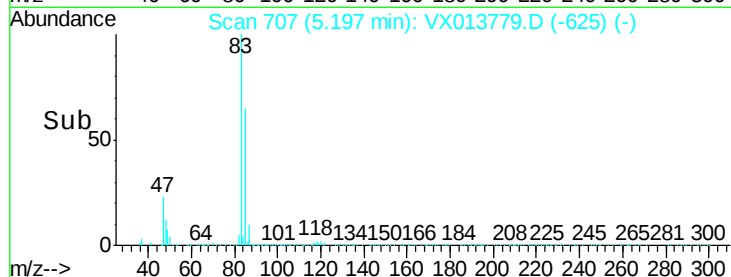
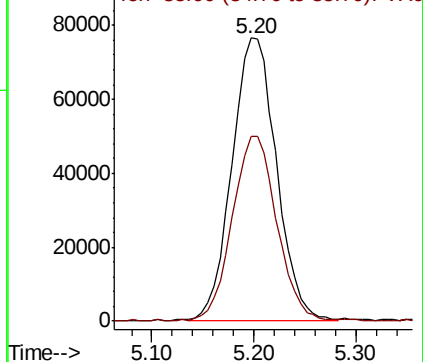
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 16.951 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

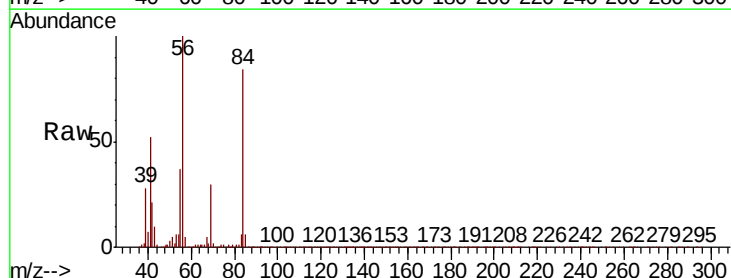
Tgt Ion: 56 Resp: 209089

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

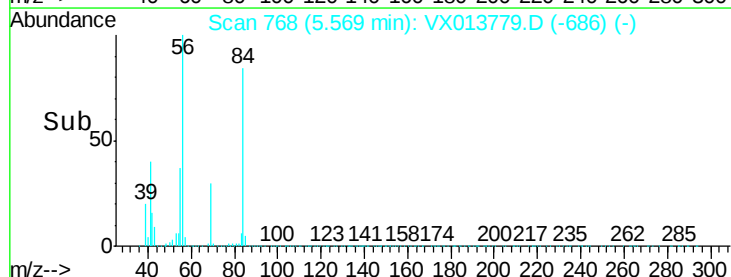
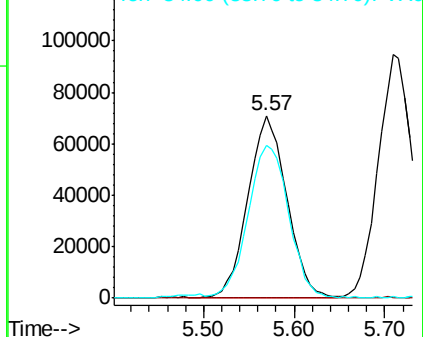
84 87.9 70.5 105.7

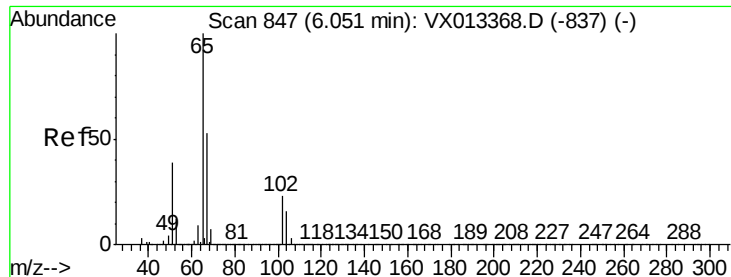


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





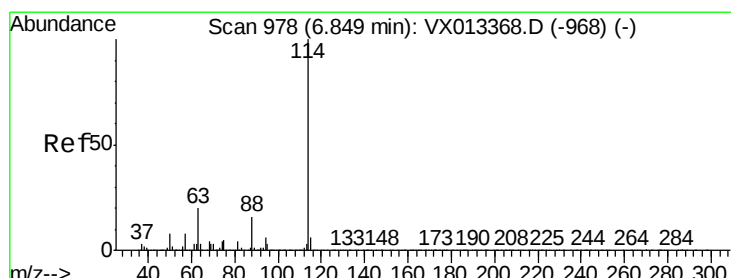
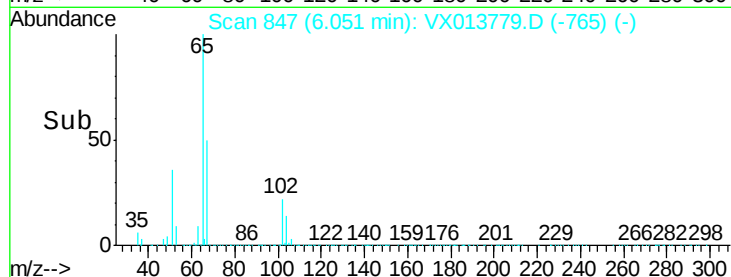
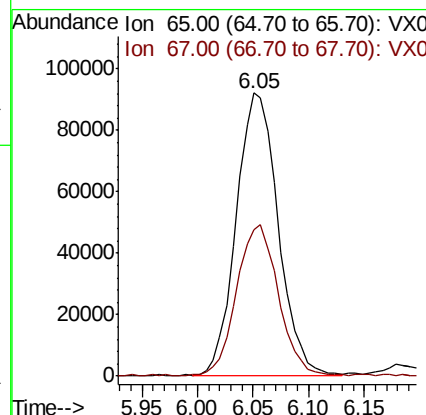
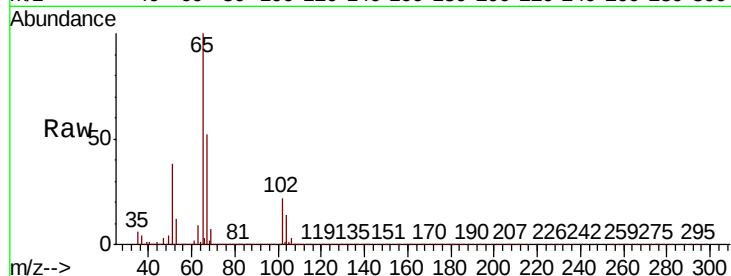
#27
 1,2-Dichloroethane-d4
 Concen: 28.466 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	41.0	61.6

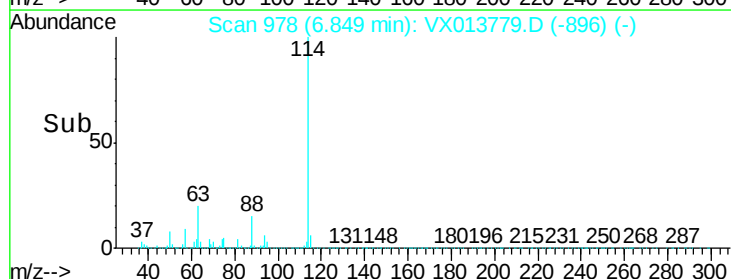
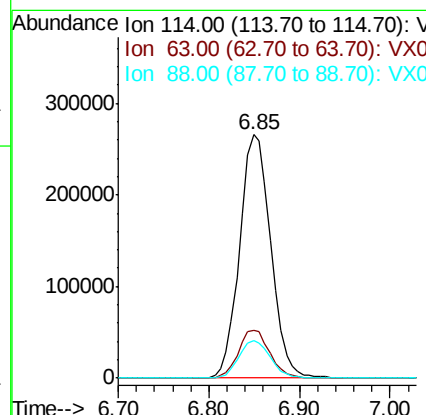
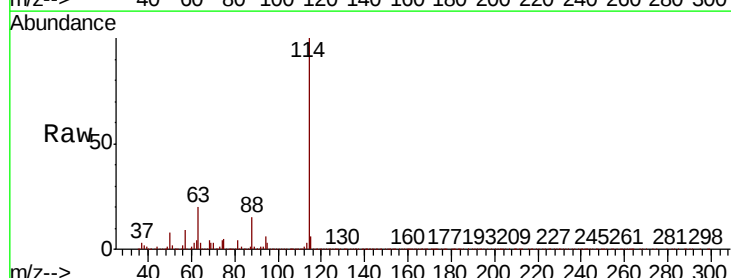
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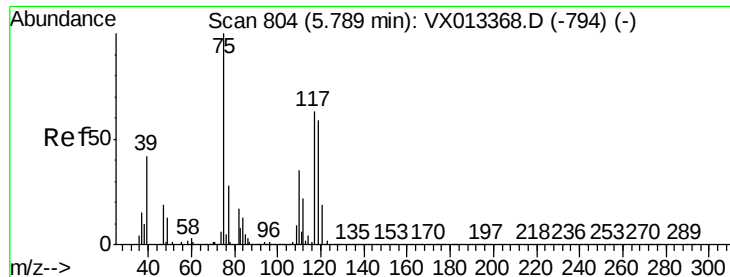
apatel
 12/9/2019 10:25:52 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.1	24.1
88	15.7	12.3	18.5





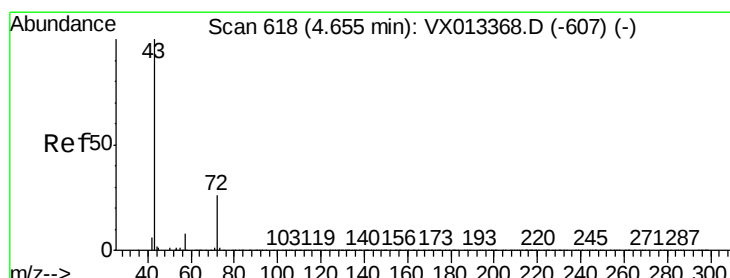
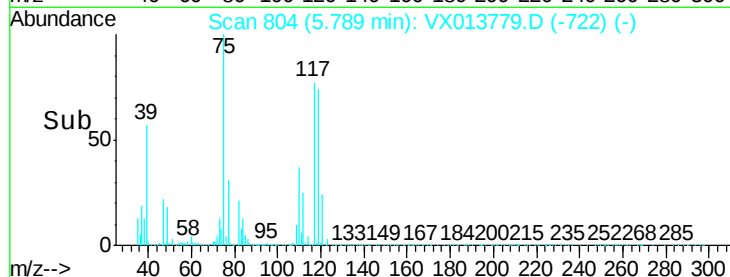
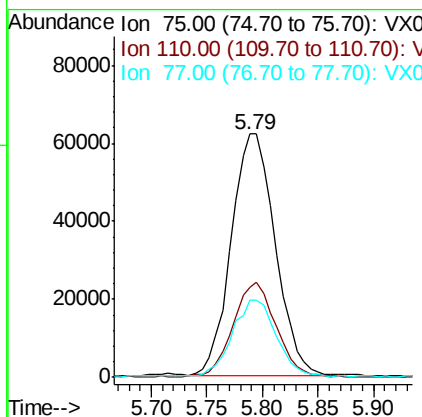
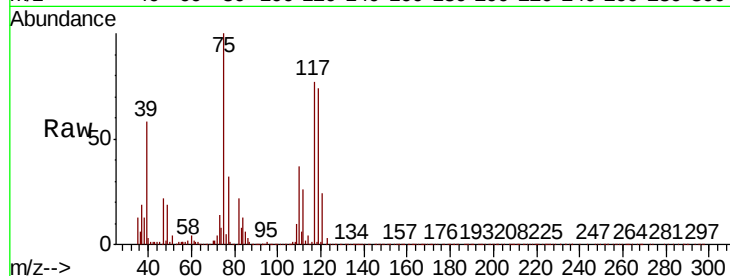
#29
 1,1-Dichloropropene
 Concen: 17.664 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.3	0.0	74.6
77	31.7	0.0	62.6

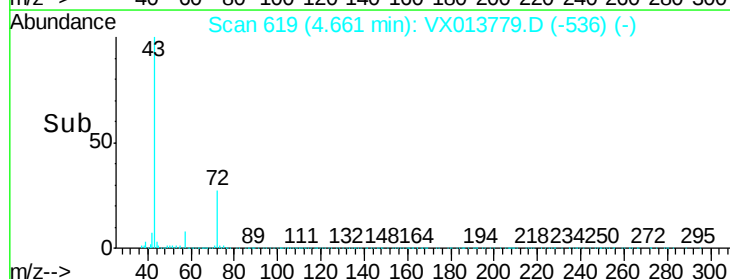
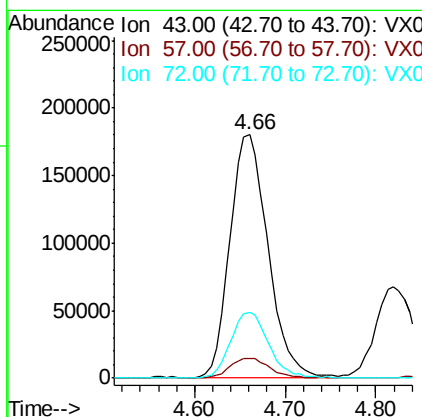
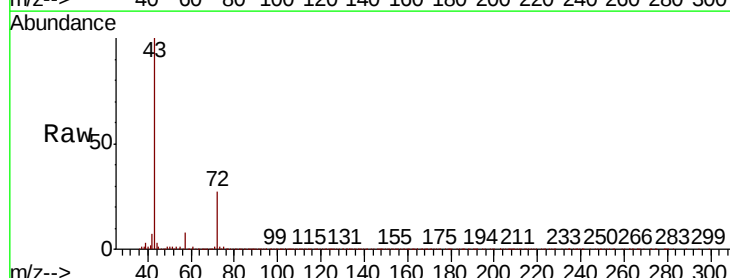
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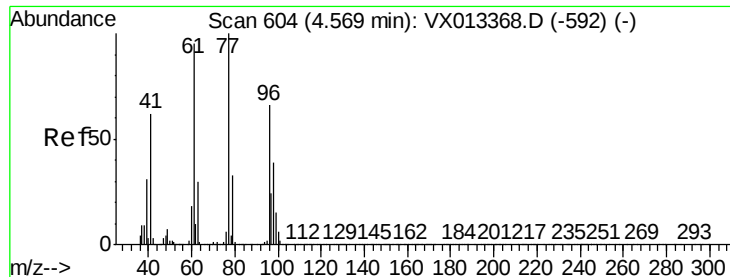
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#30
 2-Butanone
 Concen: 81.754 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.1	9.1
72	26.3	20.5	30.7





#31

2,2-Dichloropropane

Concen: 17.357 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 77 Resp: 181635

Ion Ratio Lower Upper

77 100

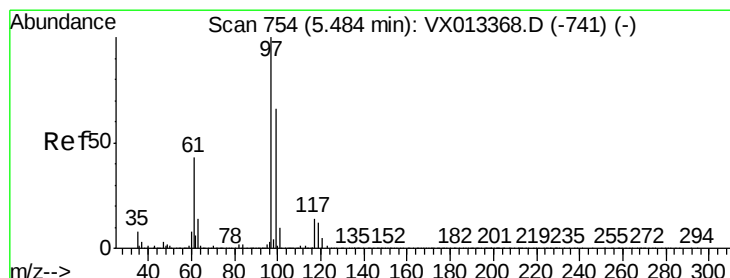
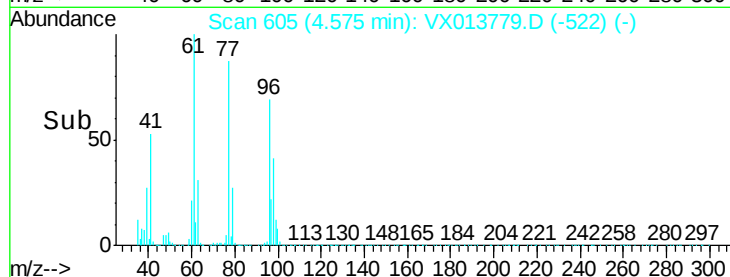
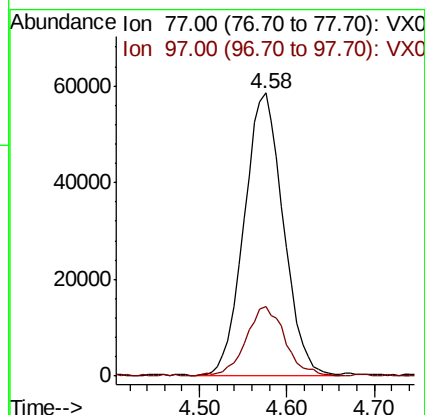
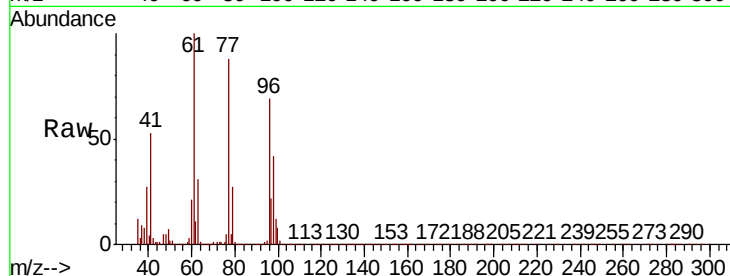
97 23.8 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 18.205 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

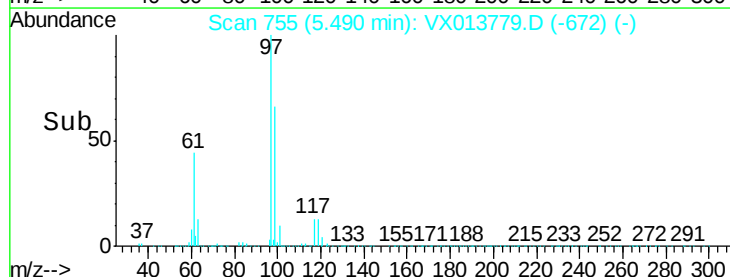
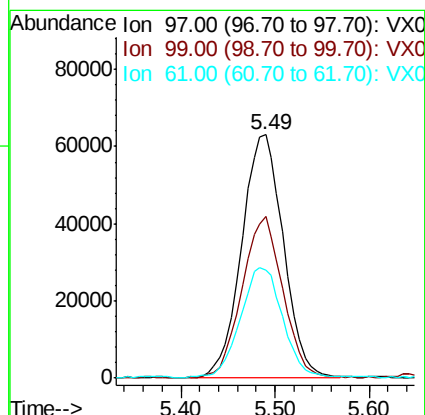
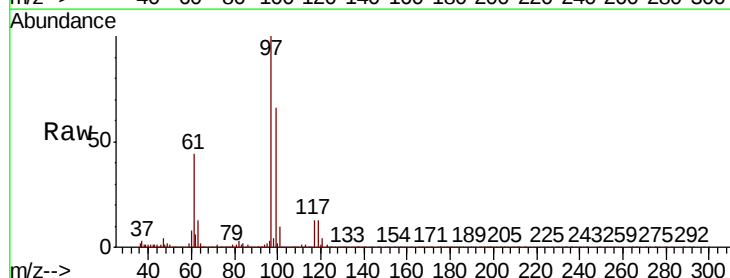
Tgt Ion: 97 Resp: 195515

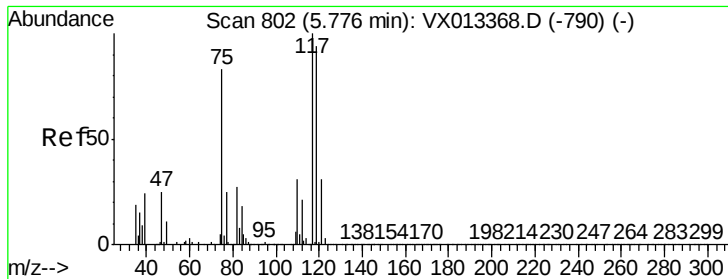
Ion Ratio Lower Upper

97 100

99 64.6 52.5 78.7

61 45.5 36.1 54.1





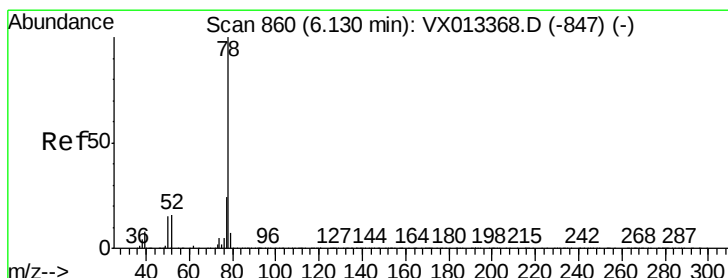
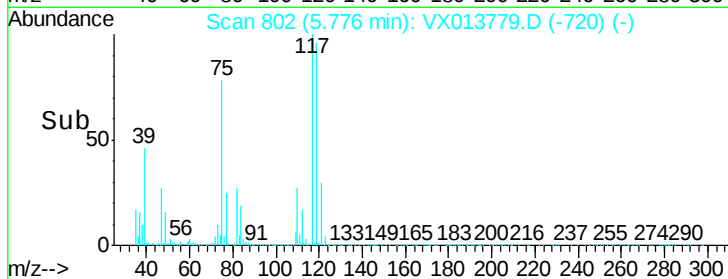
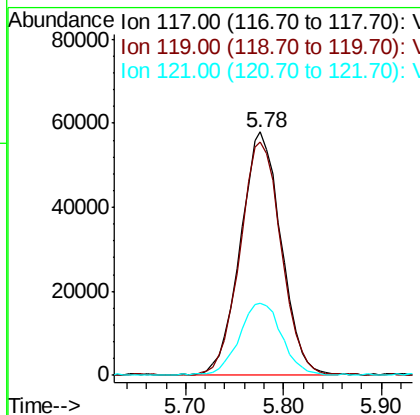
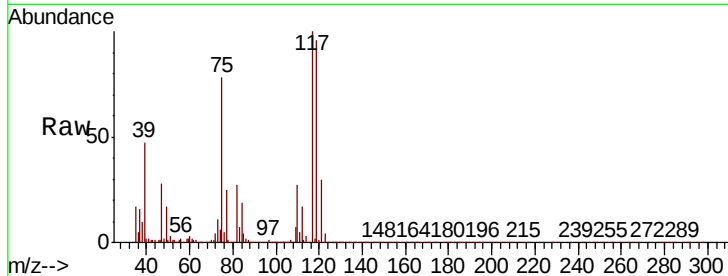
#33
Carbon Tetrachloride
Concen: 17.918 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.0	112.6
121	29.6	24.9	37.3

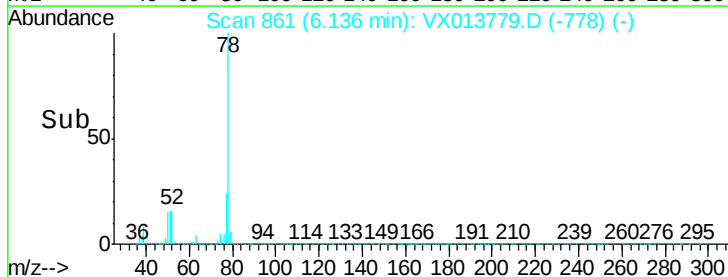
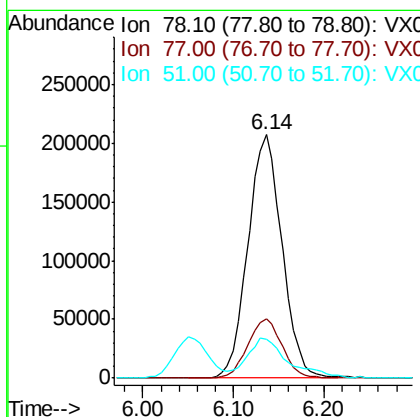
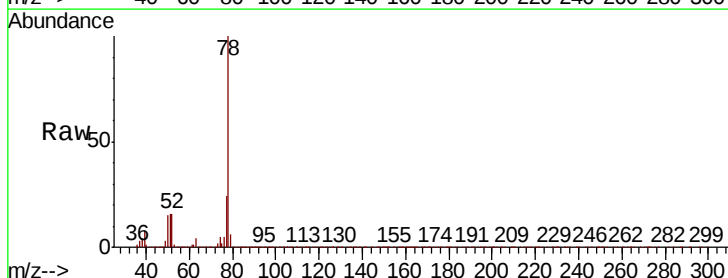
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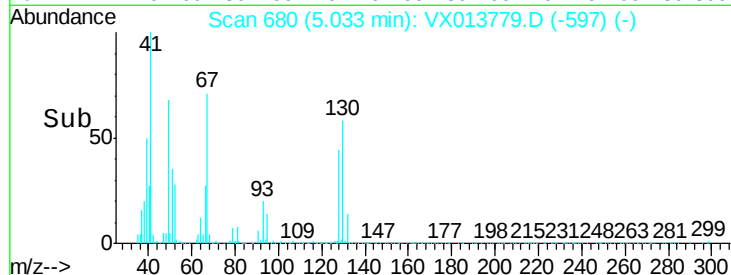
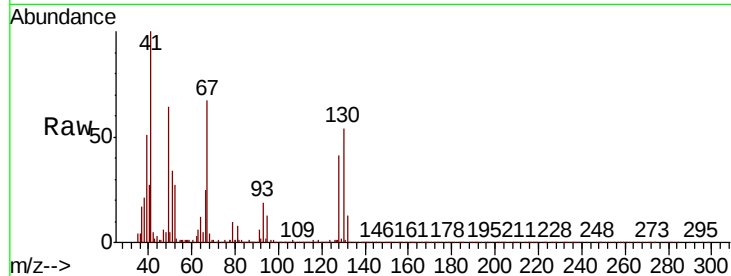
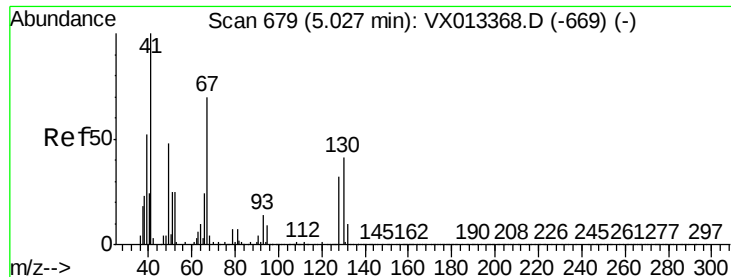
apatel
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#34
Benzene
Concen: 18.303 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

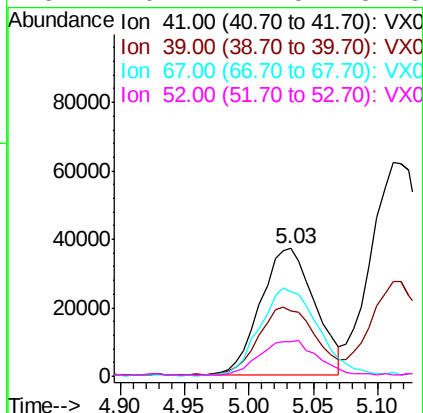
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9
51	15.2	12.2	18.4





#35
Methacrylonitrile
Concen: 17.243 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

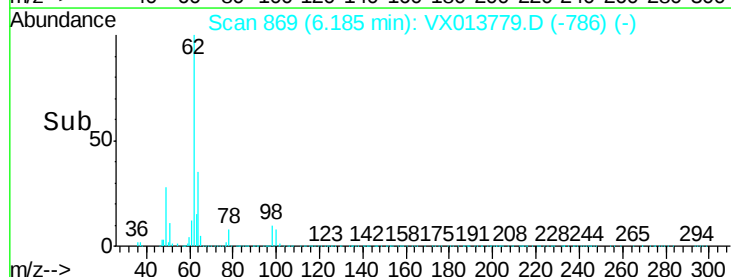
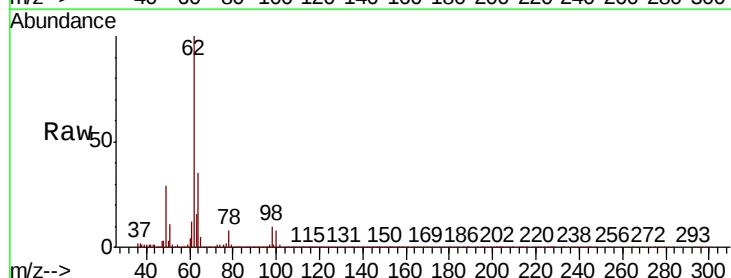
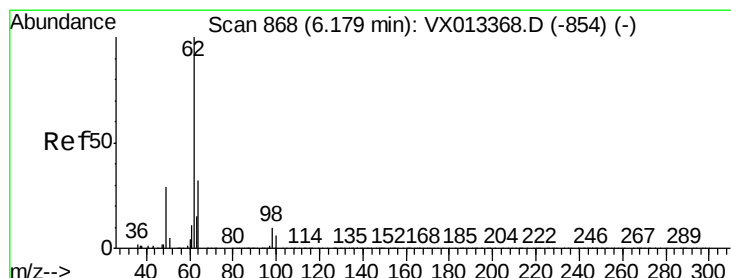
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.3	25.9	77.8	
67	66.2	35.1	105.5	
52	26.1	12.5	37.5	



Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

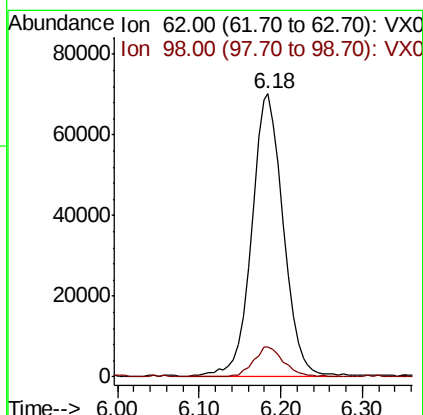
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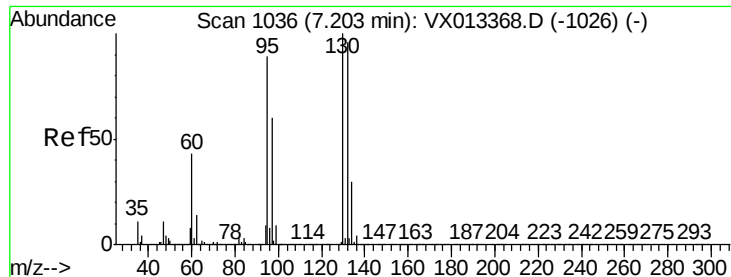
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#36
1,2-Dichloroethane
Concen: 18.346 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	8.2	12.2	





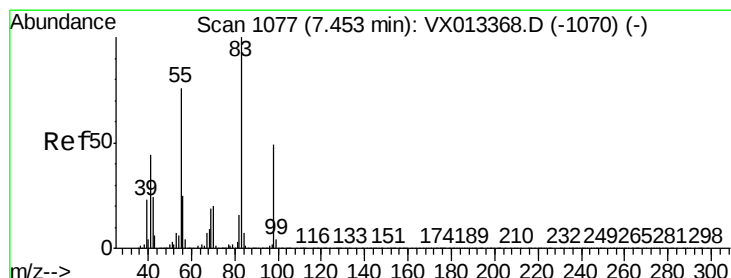
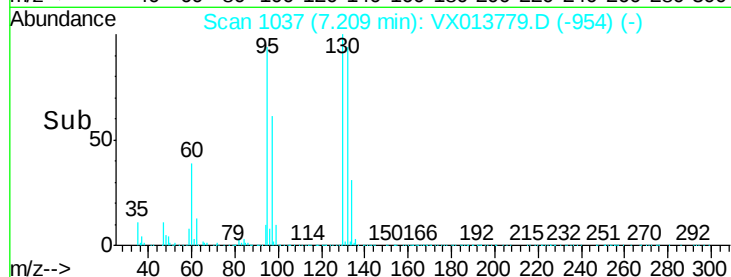
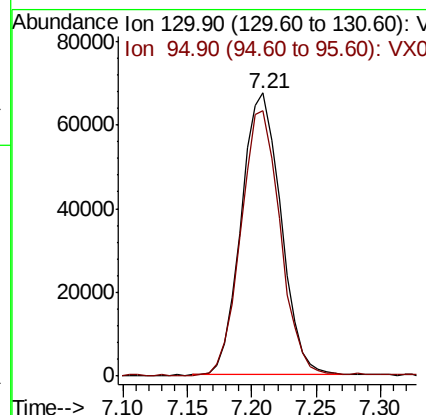
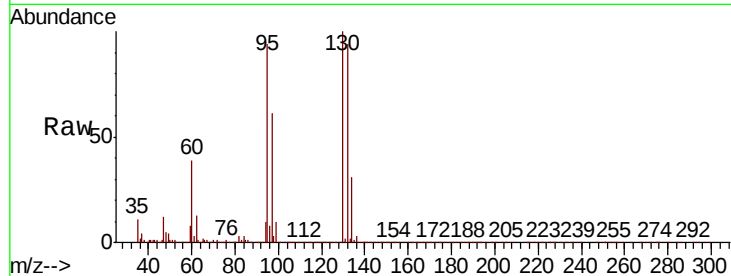
#37
 Trichloroethene
 Concen: 18.311 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	143772		
95	94.1	71.3	106.9	

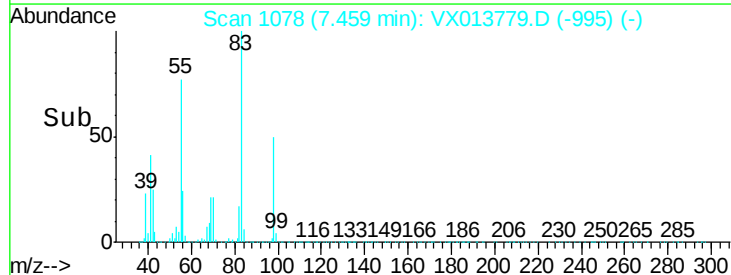
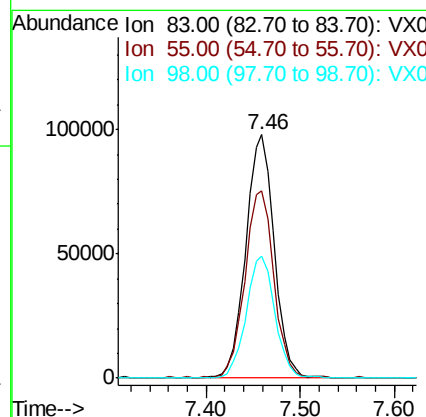
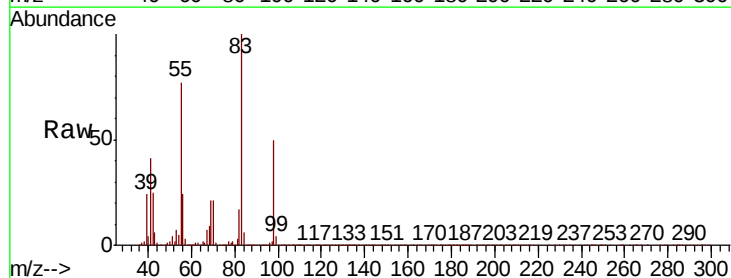
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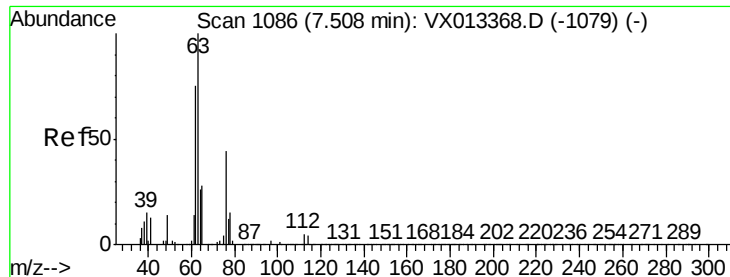
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#38
 Methylcyclohexane
 Concen: 17.549 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	207910		
55	77.3	37.9	113.7	
98	50.5	25.1	75.3	





#39

1,2-Dichloropropane

Concen: 17.631 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampled :

VX1205WBSD01

Tot Ion: 63 Resp: 133607

Ion Ratio Lower Upper

63 100

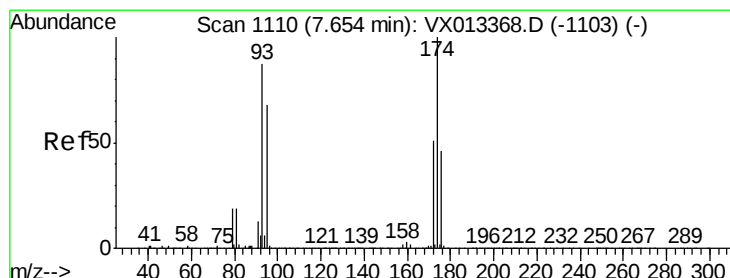
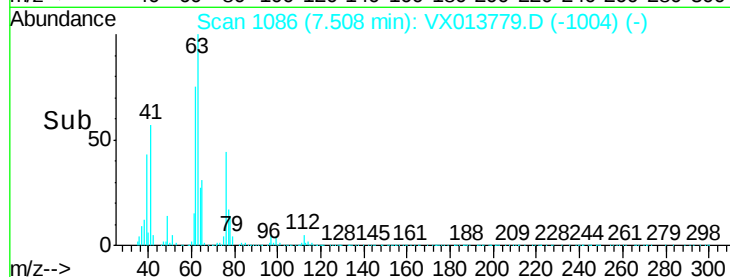
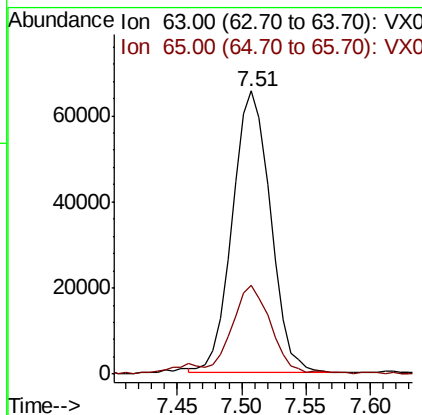
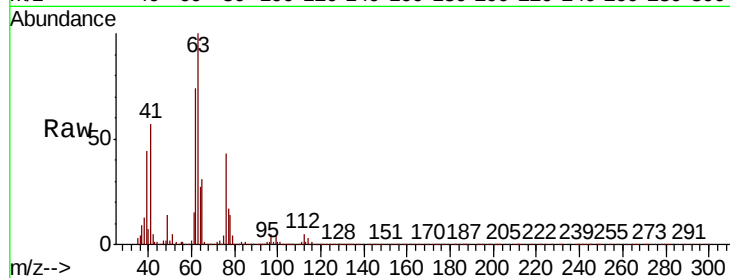
65 31.0 23.8 35.8

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#40

Dibromomethane

Concen: 17.969 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

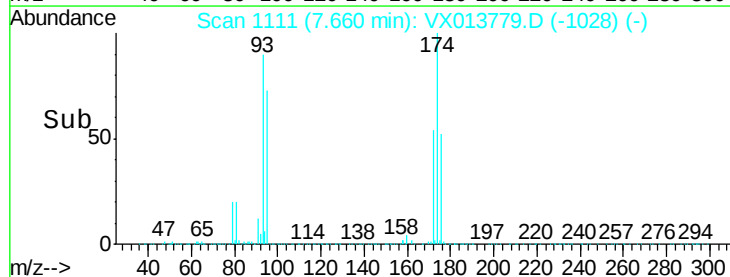
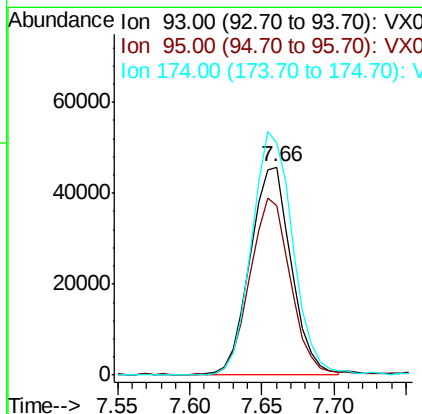
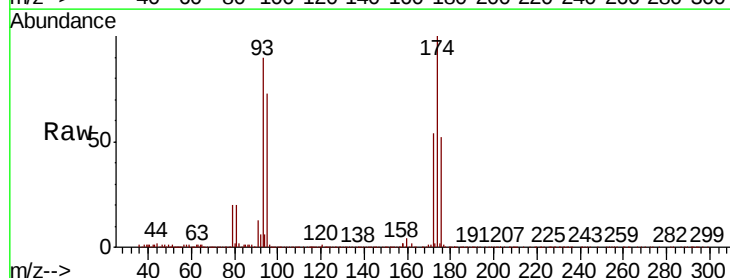
Tgt Ion: 93 Resp: 90624

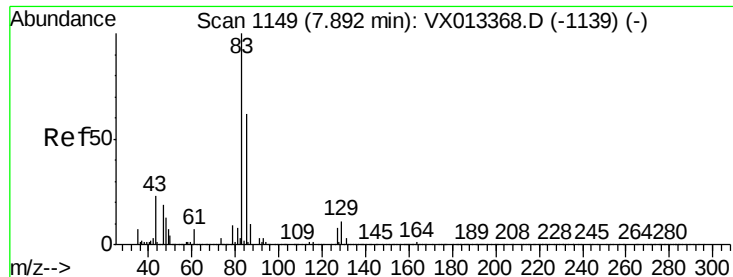
Ion Ratio Lower Upper

93 100

95 82.8 0.0 160.8

174 116.9 0.0 228.8





#41

Bromodichloromethane

Concen: 18.050 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

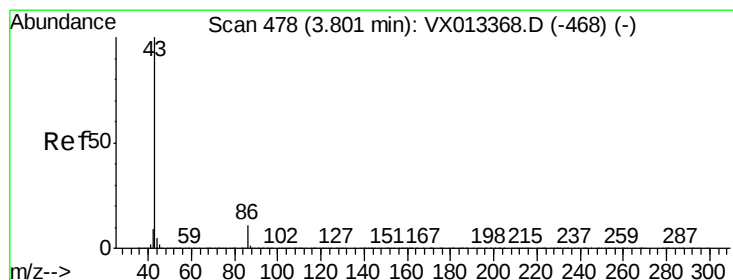
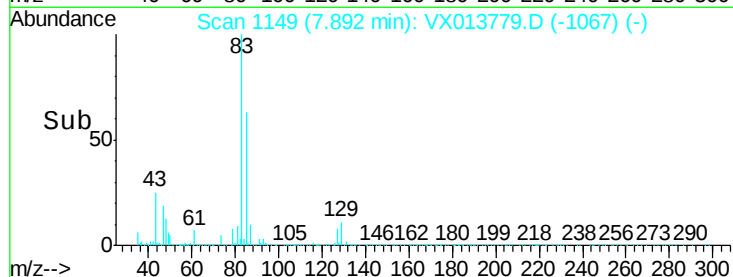
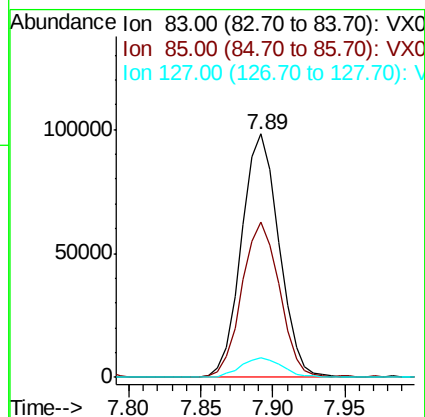
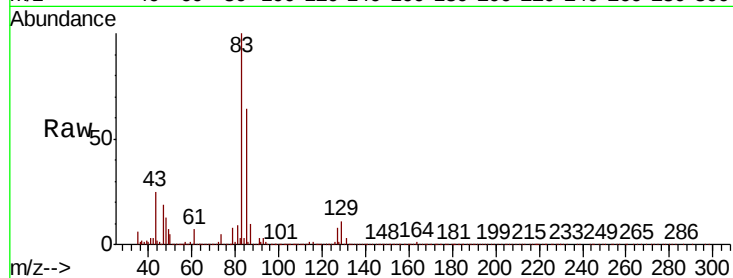
ClientSampled :

VX1205WBSD01

Tot Ion:	83	Resp:	177704
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.3	73.9
127	8.2	6.6	10.0

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#42

Vinyl Acetate

Concen: 89.047 ug/l

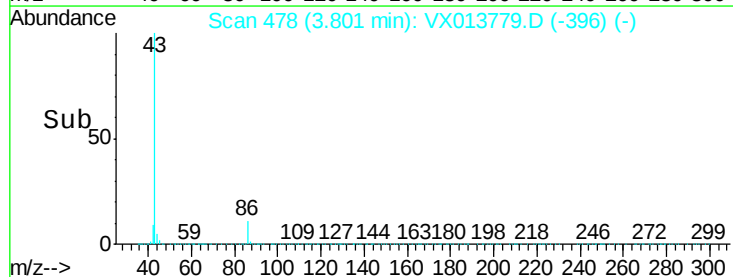
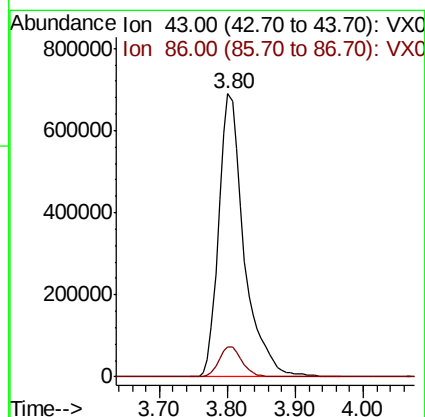
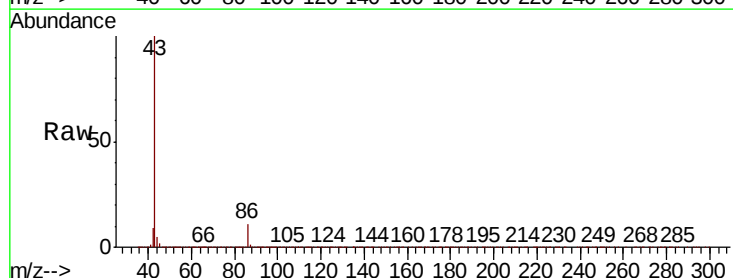
RT: 3.80 min Scan# 478

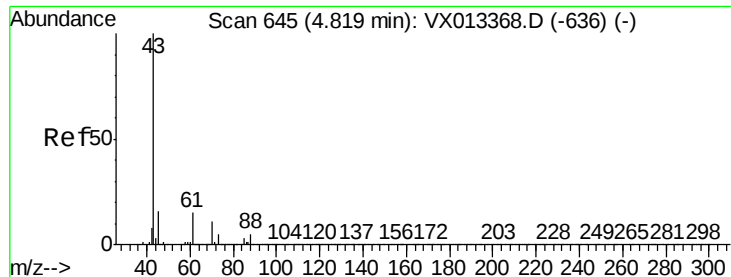
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	43	Resp:	1788033
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.6	11.4





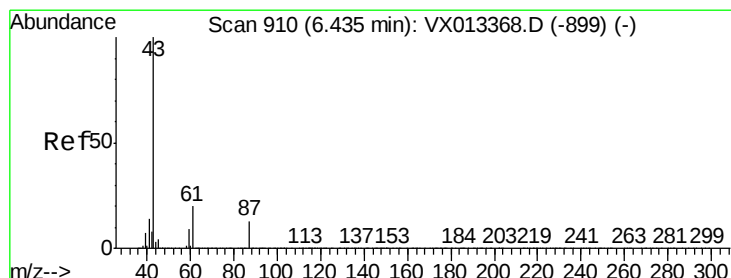
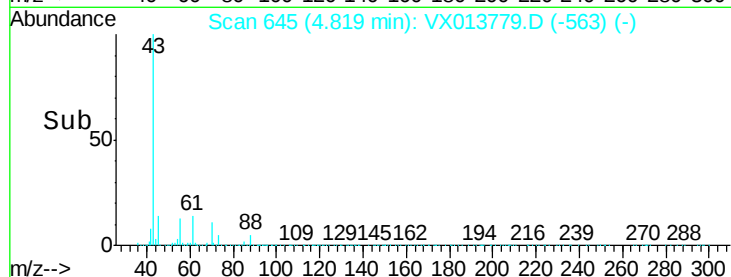
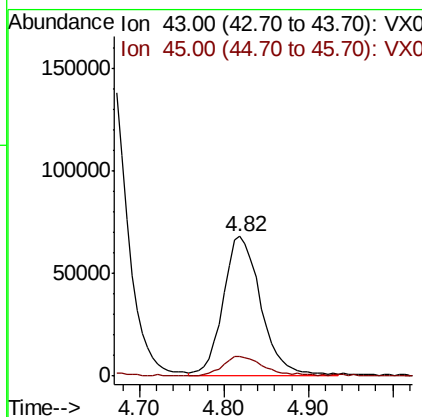
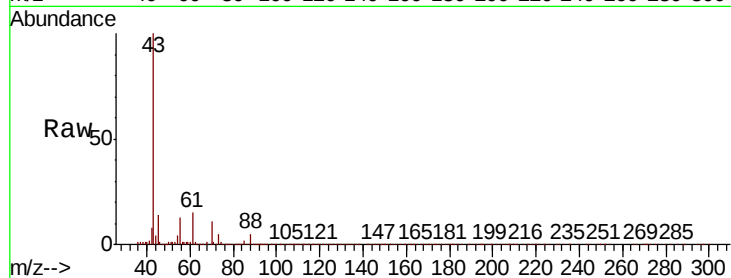
#43
Ethyl Acetate
Concen: 17.671 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.6	10.9	16.3

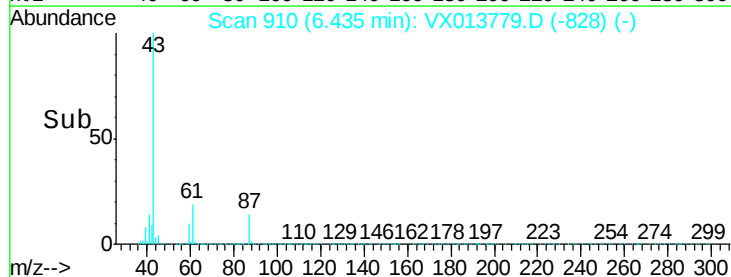
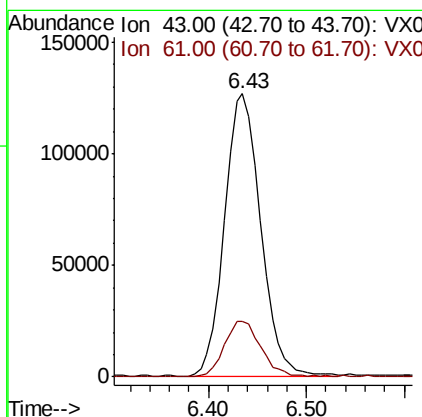
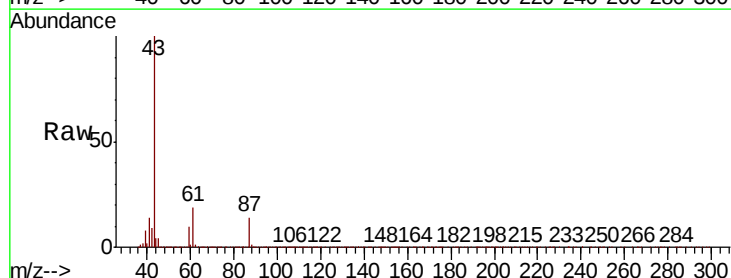
Manual Integrations
APPROVED

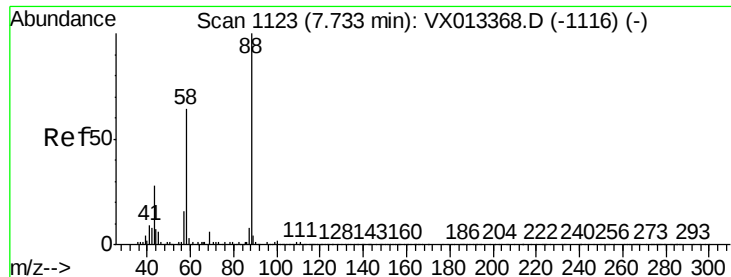
apatel
12/9/2019 10:25:52 AM



#44
Isopropyl Acetate
Concen: 17.328 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.8	23.8





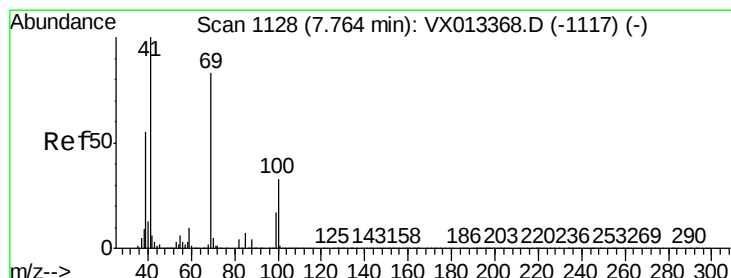
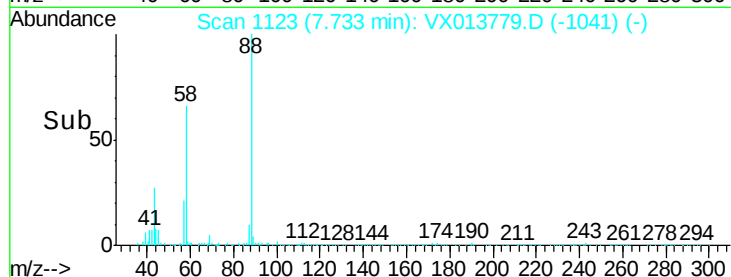
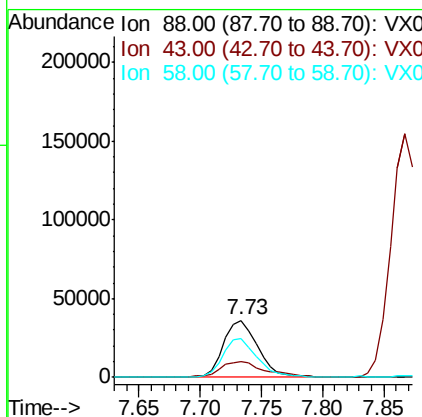
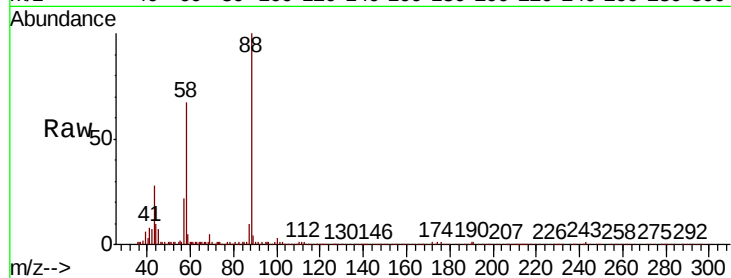
#45
1,4-Dioxane
Concen: 340.657 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.1	39.1
58	66.8	55.8	83.8

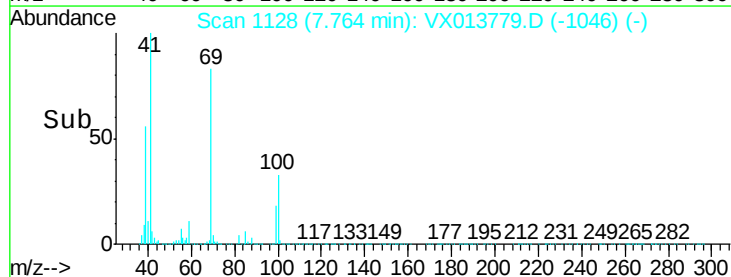
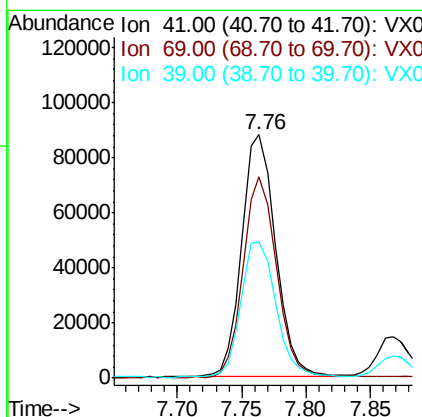
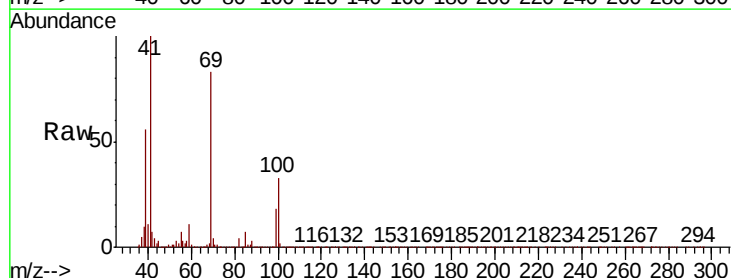
Manual Integrations
APPROVED

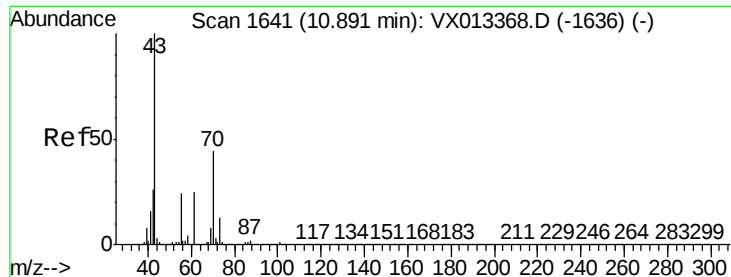
apatel
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#46
Methyl methacrylate
Concen: 17.325 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.8	41.4	124.4
39	55.9	27.9	83.6





#47

n-amvl Acetate

Concen: 16.999 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 43 Resp: 278805

Ion Ratio Lower Upper

43 100

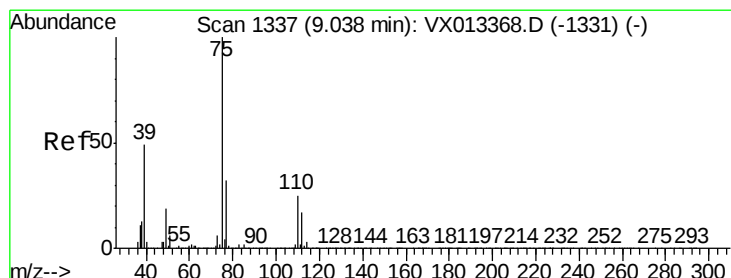
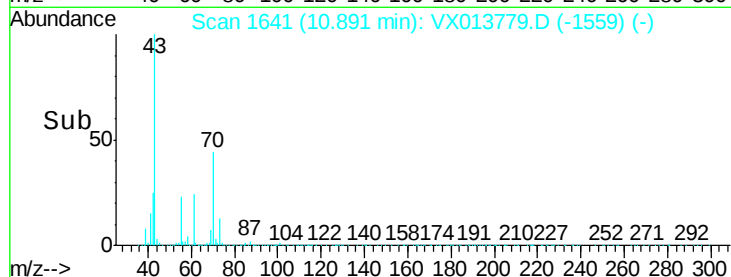
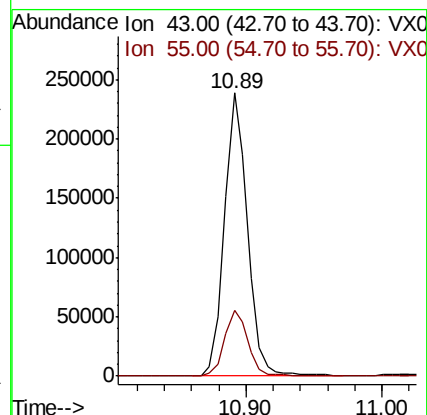
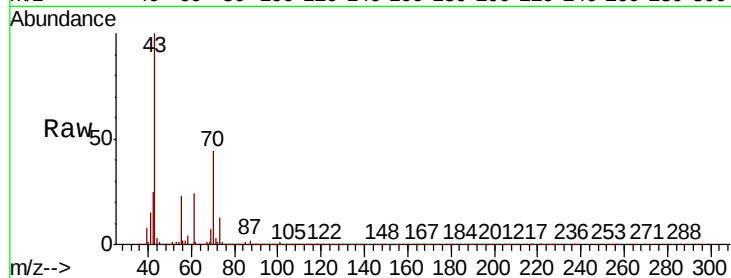
55 23.7 19.0 28.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.378 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013779.D

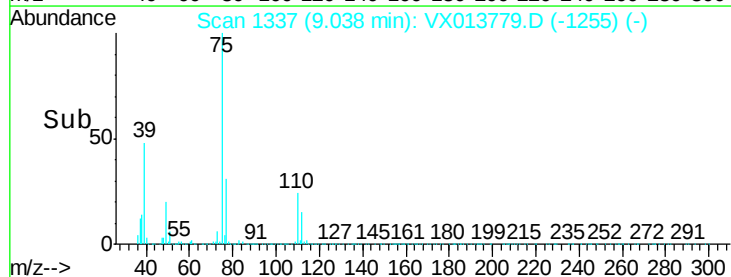
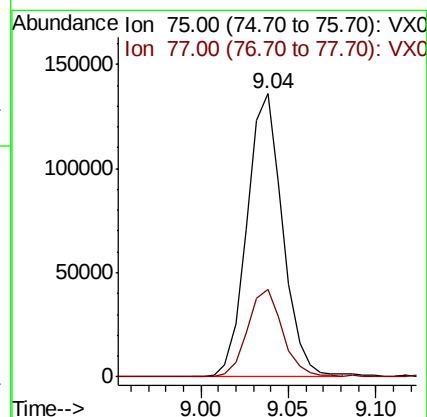
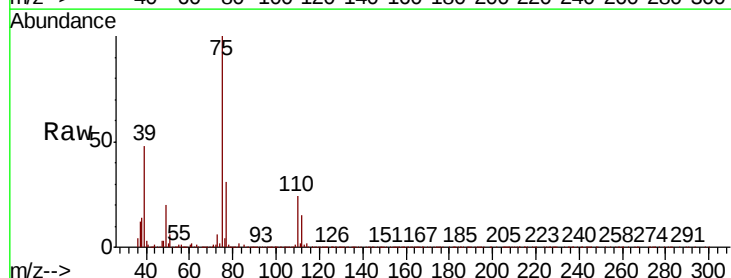
Acq: 05 Dec 2019 16:12

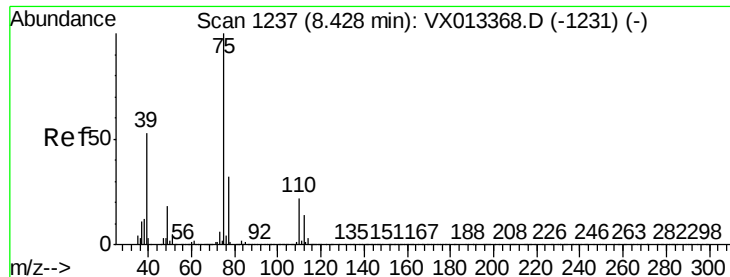
Tgt Ion: 75 Resp: 191850

Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9





#49

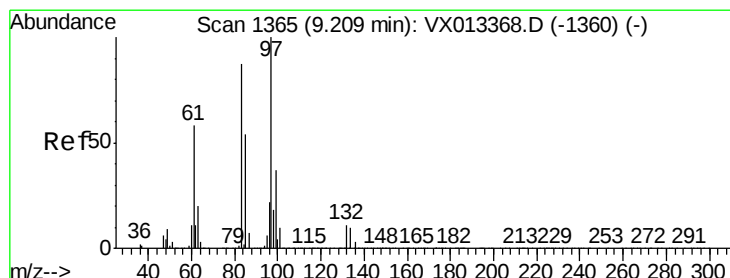
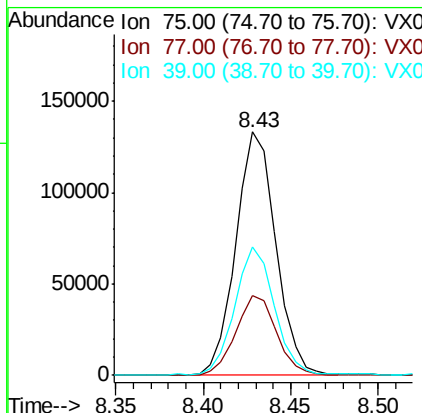
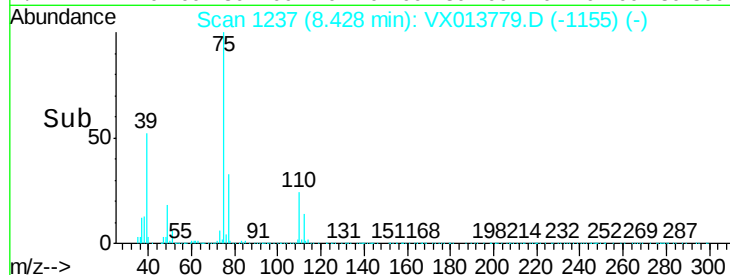
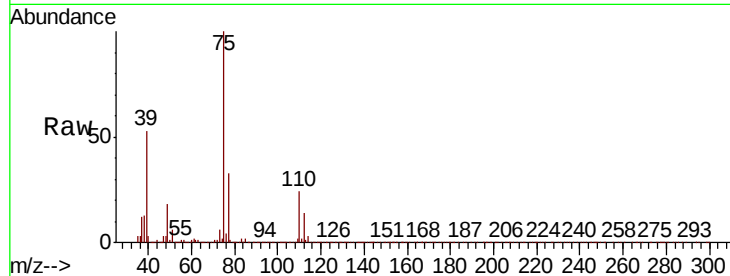
cis-1,3-Dichloropropene
Concen: 17.528 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
39	52.4	42.2	63.4

Manual Integrations
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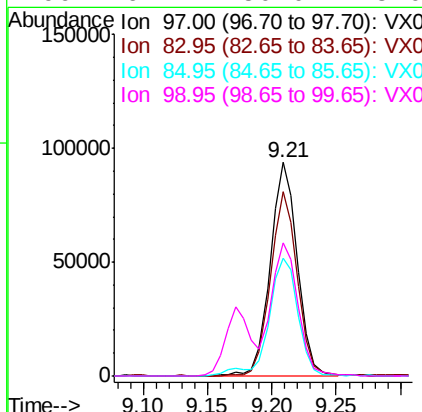
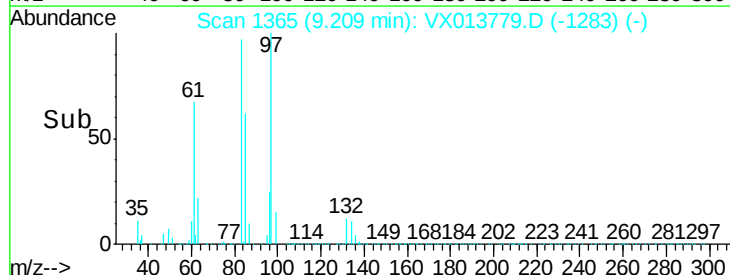
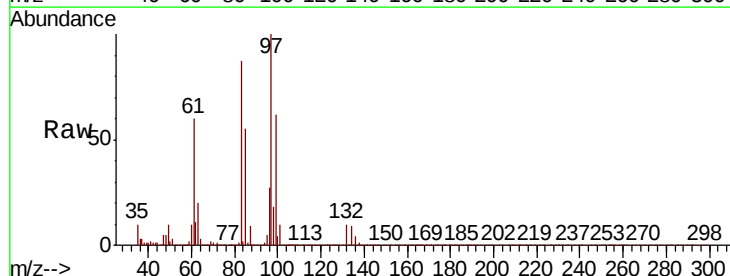
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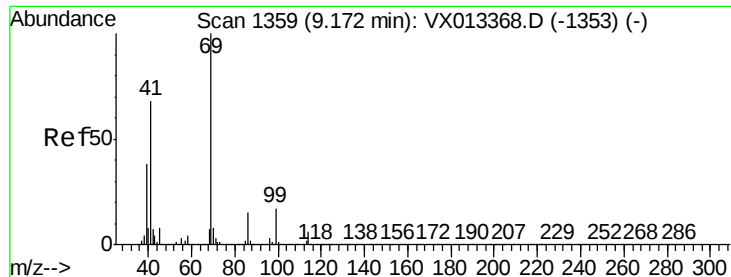


#50

1,1,2-Trichloroethane
Concen: 18.537 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.6	104.4
85	55.1	45.5	68.3
99	62.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.960 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

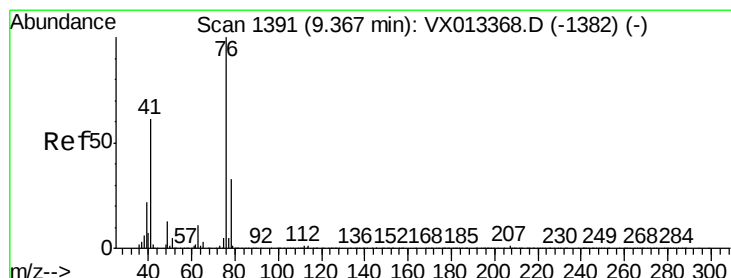
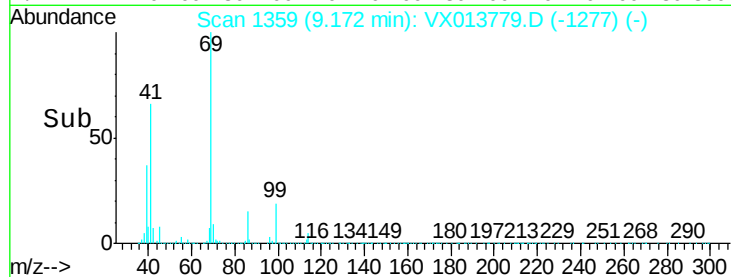
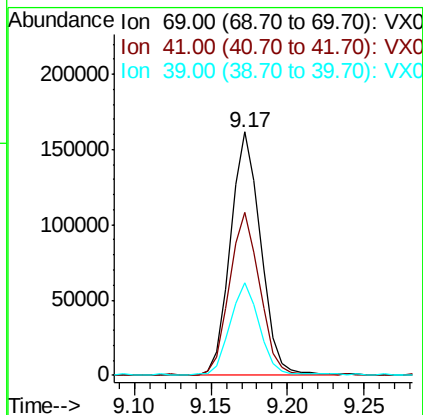
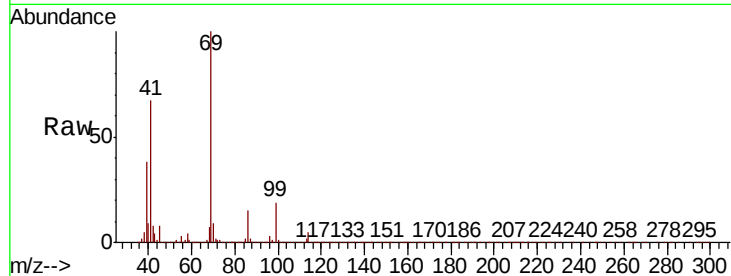
ClientSampleId :

VX1205WBSD01

Tot Ion:	69	Resp:	220676
Ion	Ratio	Lower	Upper
69	100		
41	67.0	33.9	101.6
39	37.7	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.412 ug/l

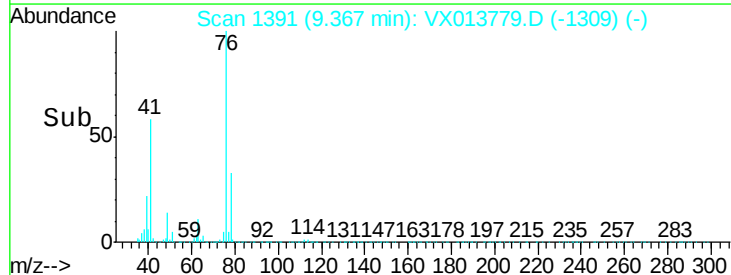
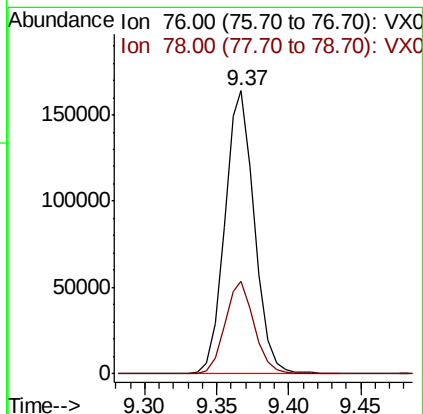
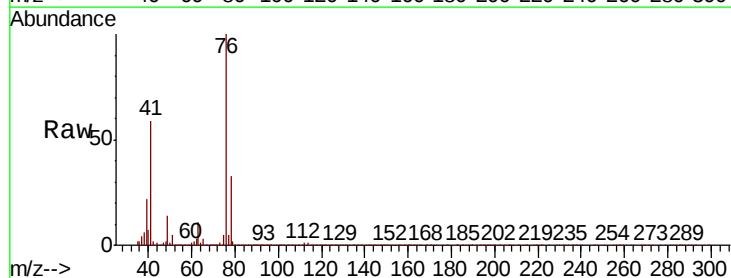
RT: 9.37 min Scan# 1391

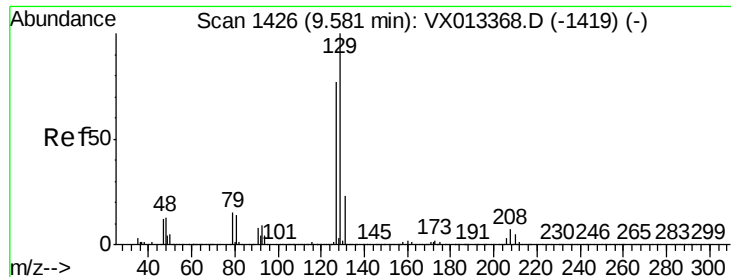
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	76	Resp:	234894
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.6





#53

Dibromochloromethane

Concen: 17.917 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:129 Resp: 141716

Ion Ratio Lower Upper

129 100

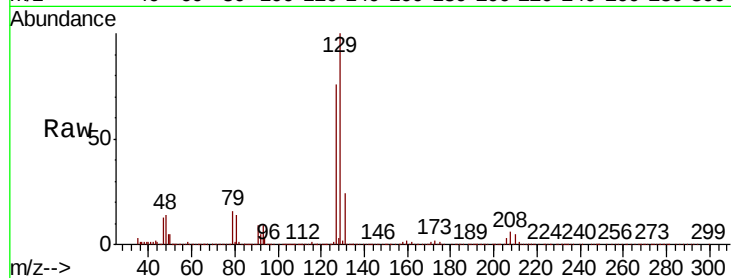
127 77.0 39.6 119.0

Manual Integrations

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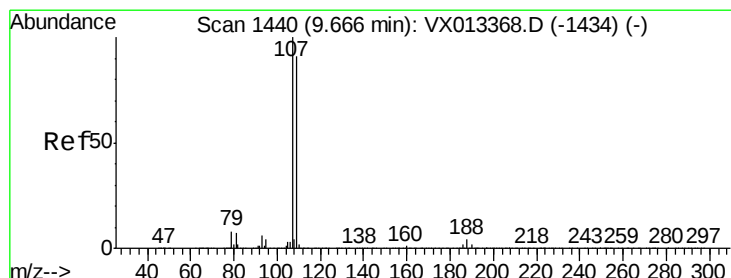
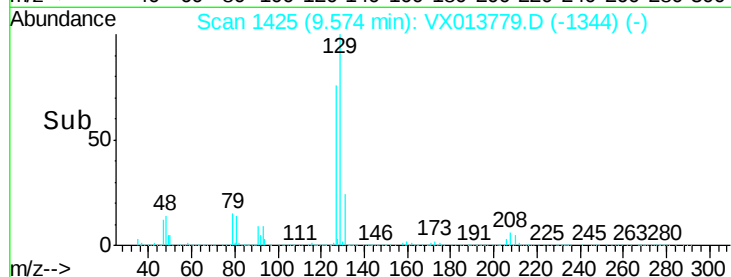
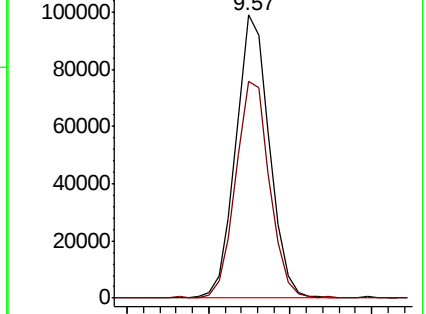
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.314 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013779.D

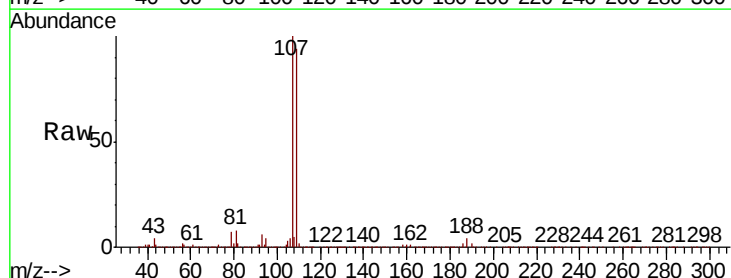
Acq: 05 Dec 2019 16:12

Tgt Ion:107 Resp: 146143

Ion Ratio Lower Upper

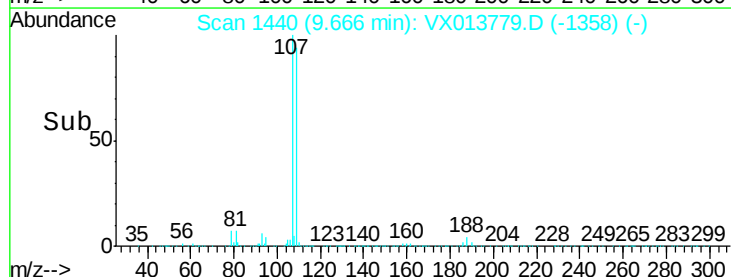
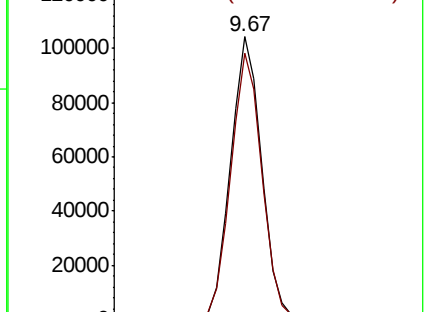
107 100

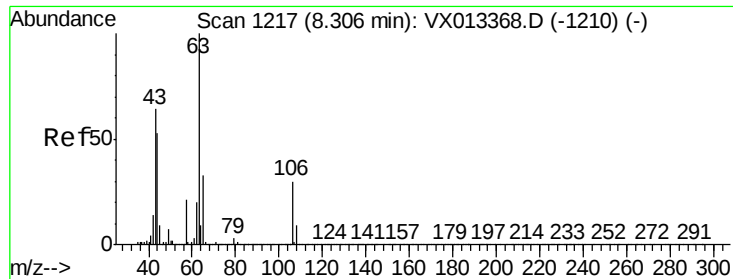
109 95.0 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





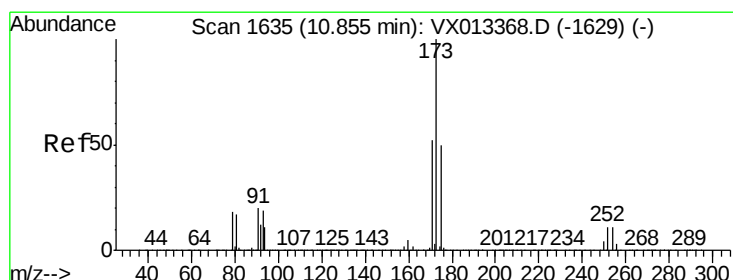
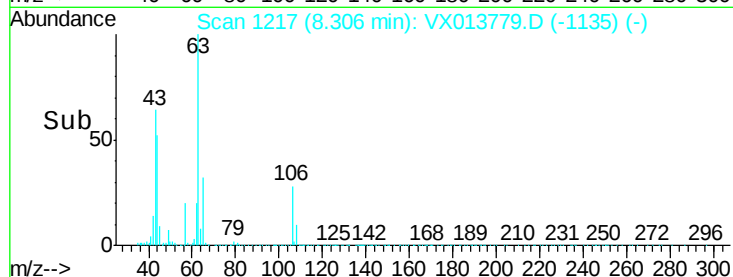
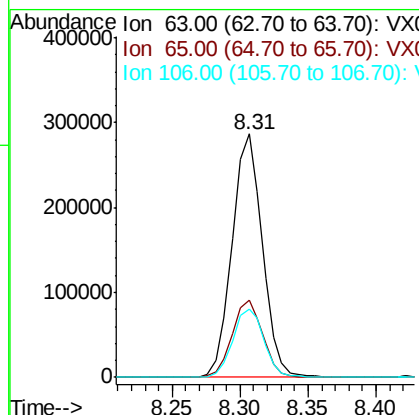
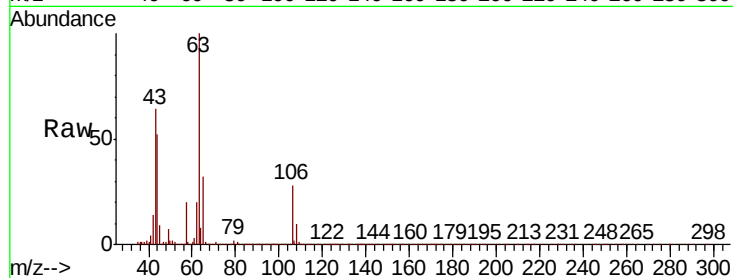
#55
2-Chloroethyl vinyl ether
Concen: 84.320 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	28.9	23.5	35.3

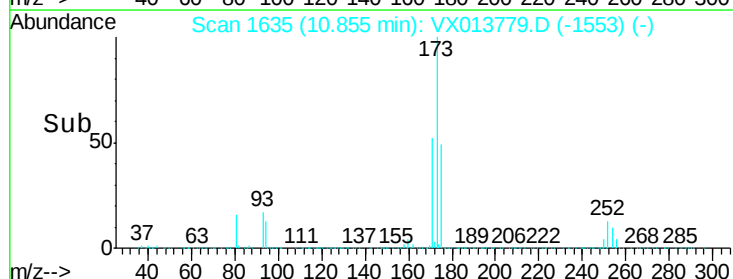
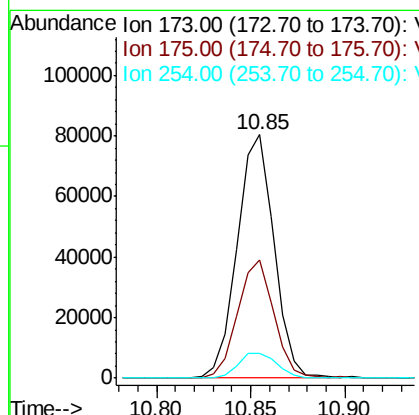
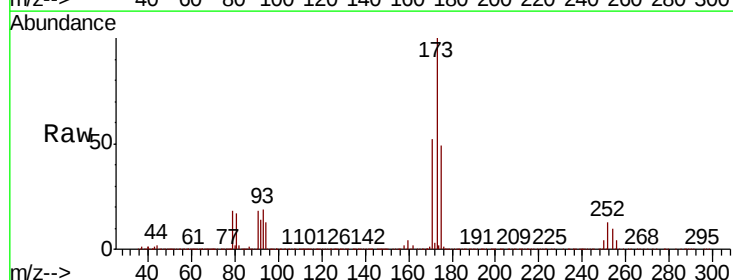
Manual Integrations
APPROVED

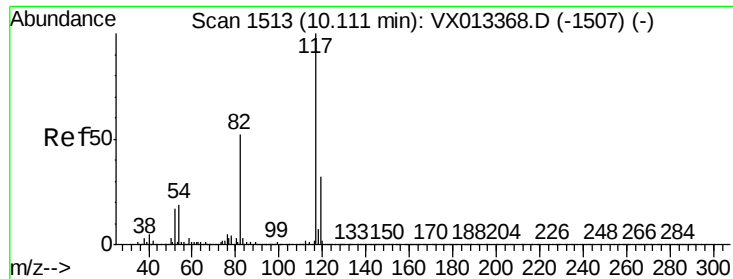
apatel
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#56
Bromoform
Concen: 17.219 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.4	59.0
254	11.2	8.6	12.8





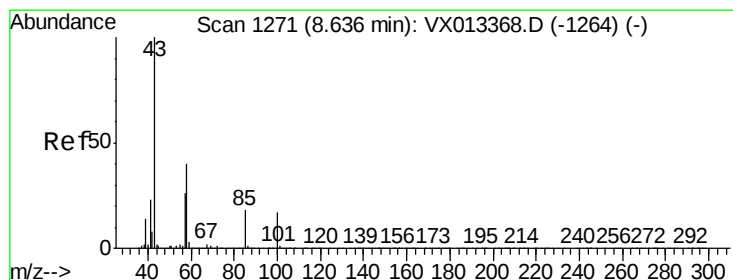
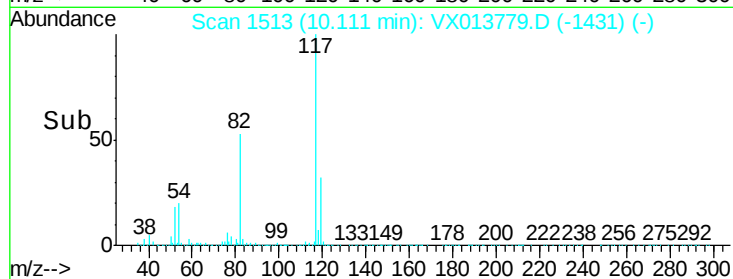
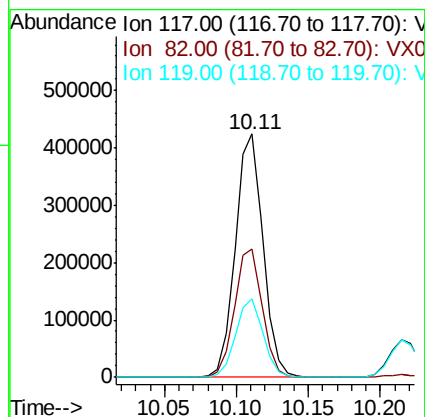
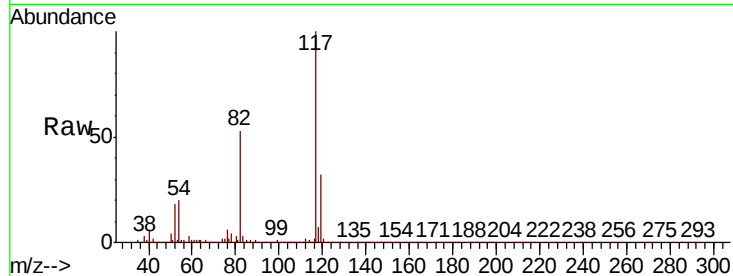
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.7	65.5
119	31.9	25.5	38.3

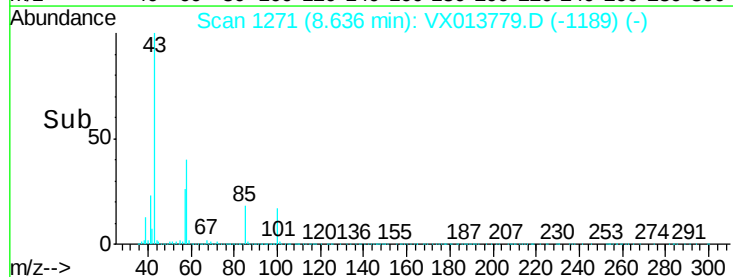
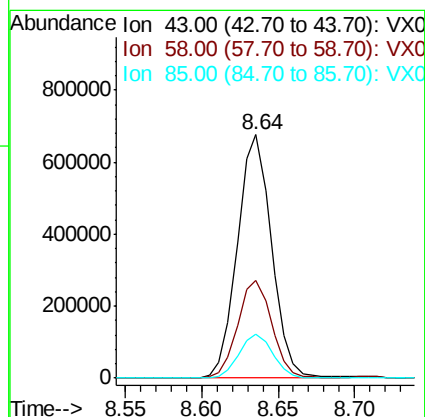
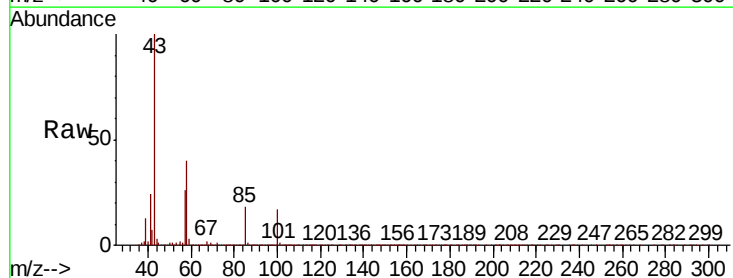
Manual Integrations
APPROVED

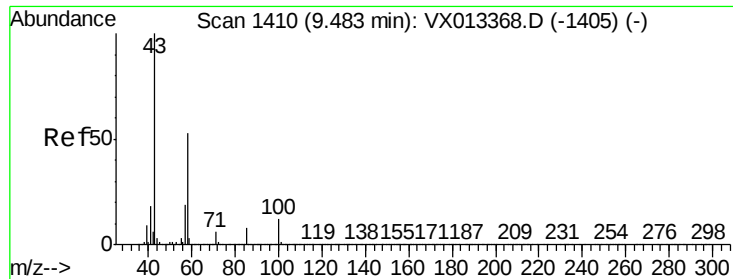
apatel
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#58
4-Methyl-2-Pentanone
Concen: 87.588 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.6	47.4
85	18.0	14.2	21.2





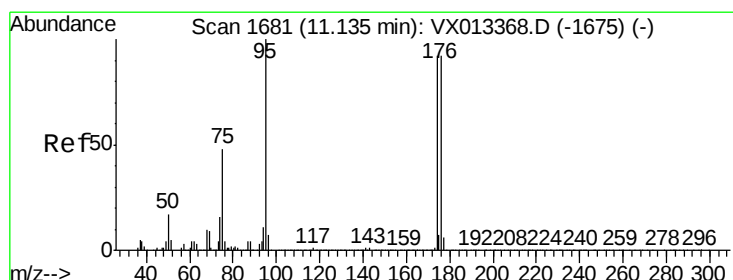
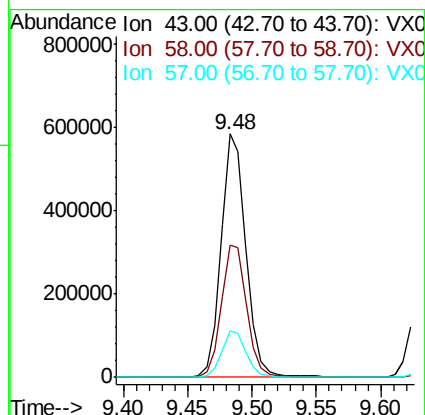
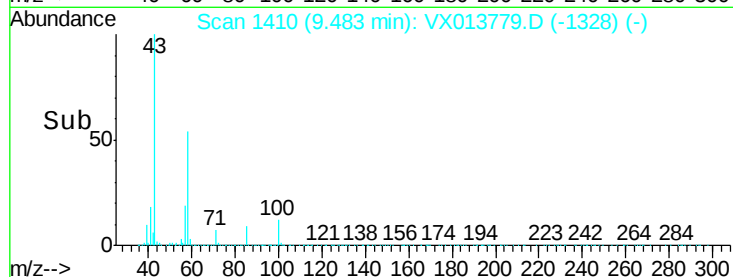
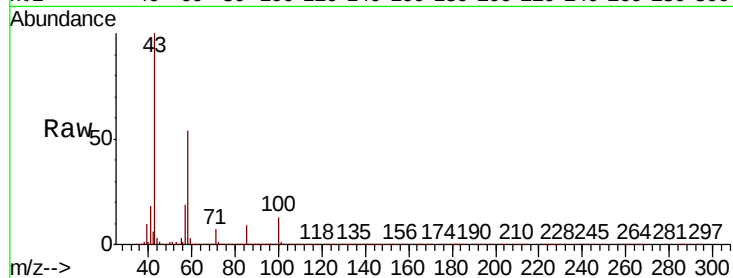
#59
2-Hexanone
Concen: 84.105 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.8	65.6
57	18.8	15.1	22.7

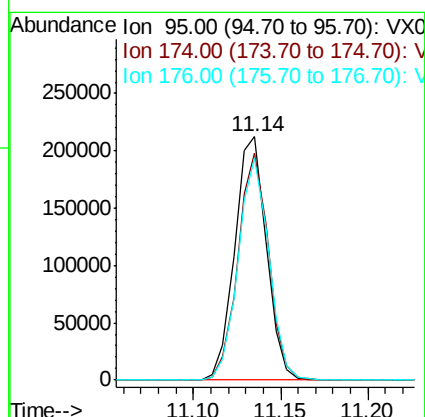
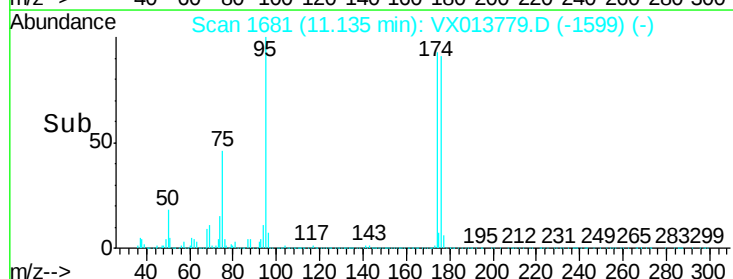
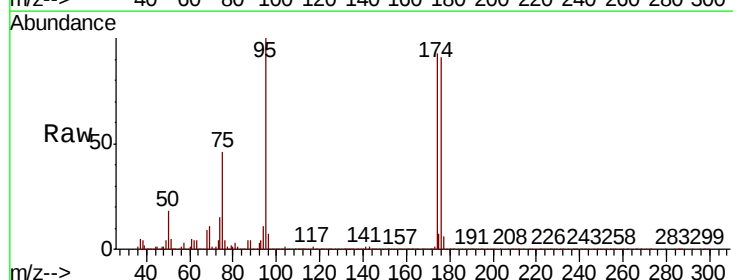
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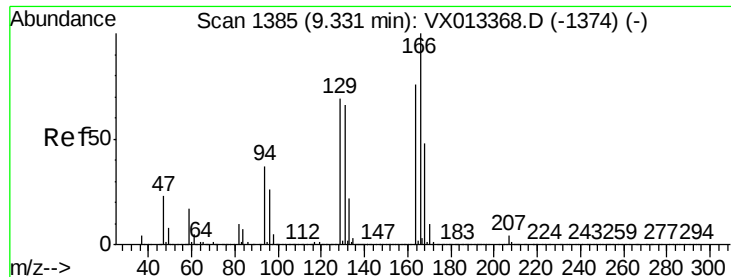
apatel
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#60
4-Bromofluorobenzene
Concen: 29.138 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	70.2	105.2
176	88.8	68.3	102.5





#61

Tetrachloroethene

Concen: 18.506 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

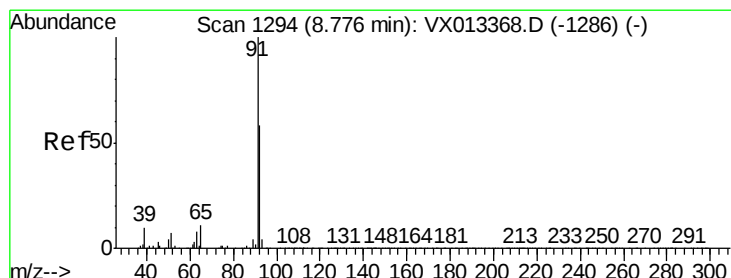
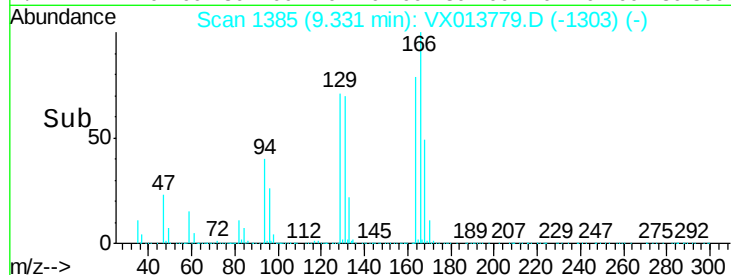
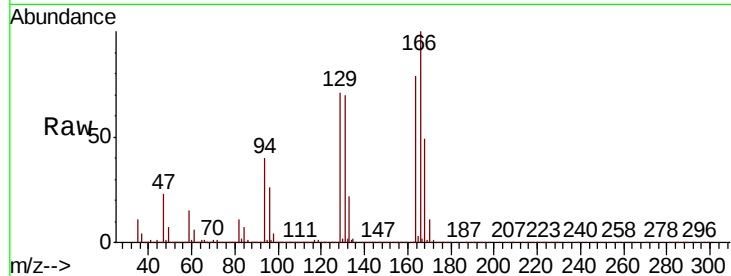
ClientSampled :

VX1205WBSD01

Tot Ion:	164	Resp:	130238
Ion Ratio	Lower	Upper	
164	100		
166	126.2	104.9	157.3
129	89.9	72.3	108.5
131	87.6	69.0	103.6

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#62

Toluene

Concen: 18.286 ug/l

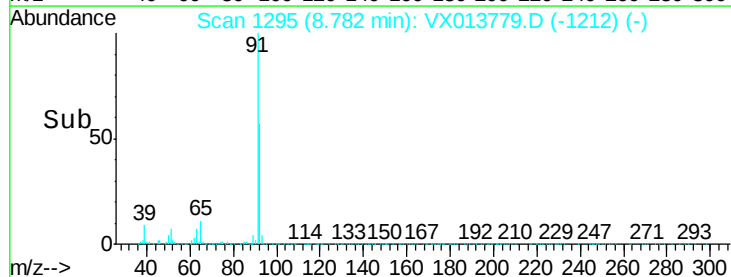
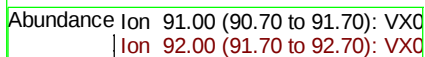
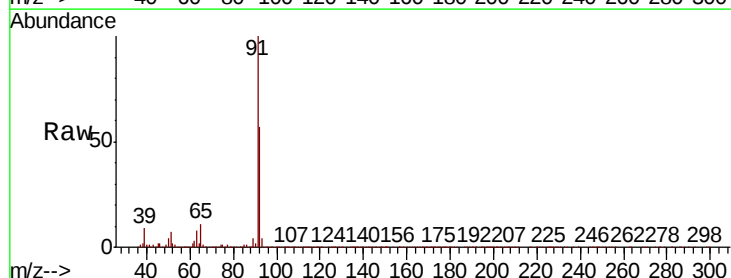
RT: 8.78 min Scan# 1295

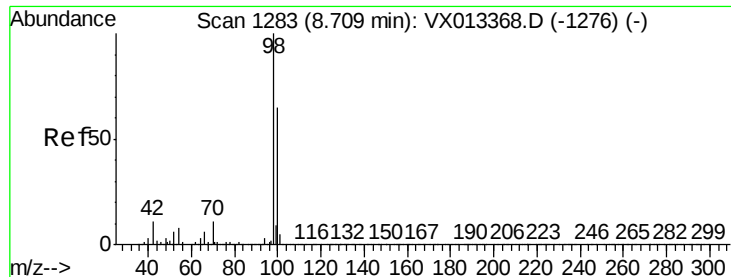
Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	91	Resp:	581310
Ion Ratio	Lower	Upper	
91	100		
92	57.7	46.6	69.8





#63

Toluene-d8

Concen: 29.580 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 98 Resp: 763381

Ion Ratio Lower Upper

98 100

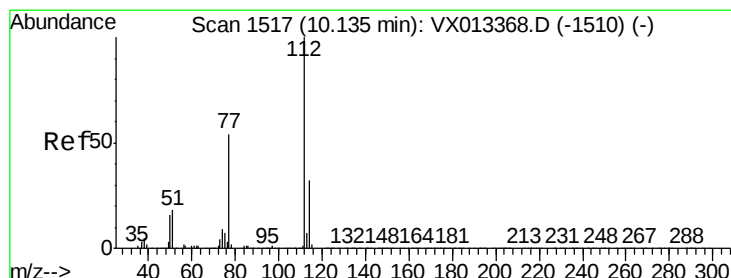
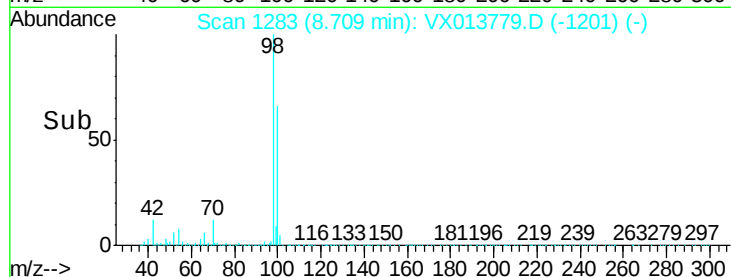
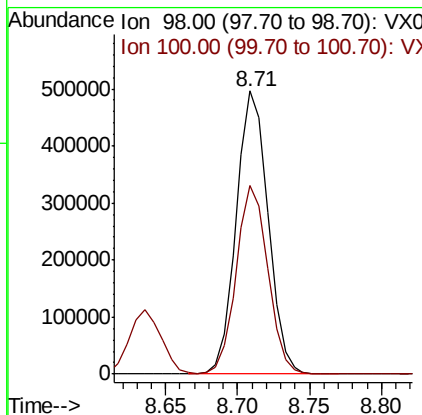
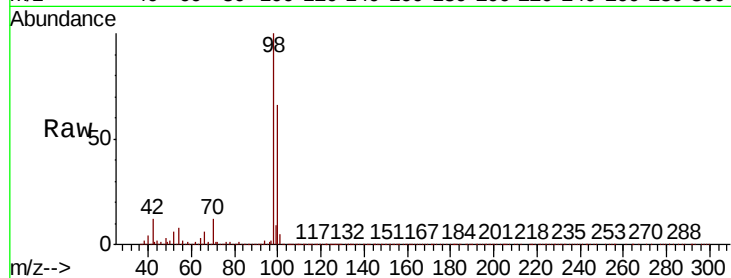
100 65.9 52.5 78.7

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#64

Chlorobenzene

Concen: 18.270 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013779.D

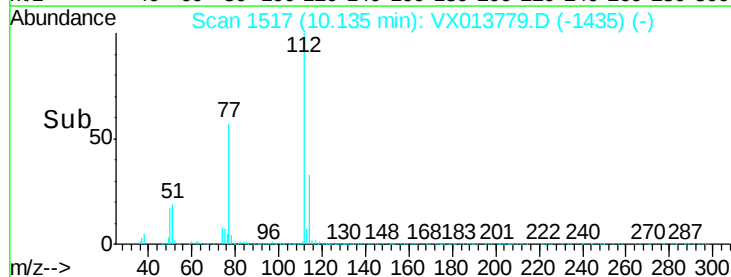
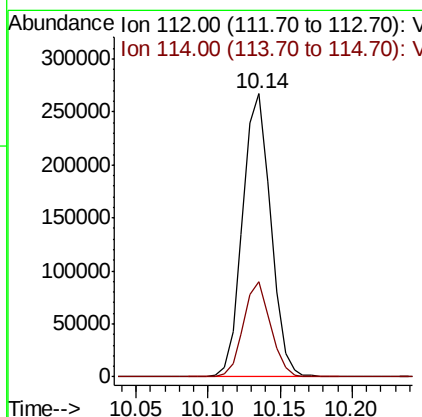
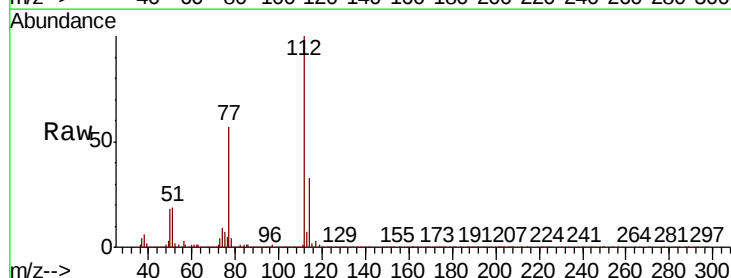
Acq: 05 Dec 2019 16:12

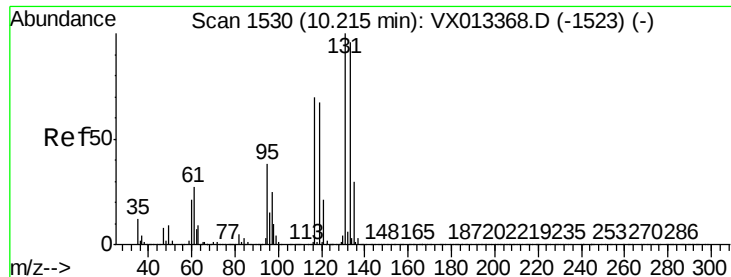
Tgt Ion: 112 Resp: 363149

Ion Ratio Lower Upper

112 100

114 33.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 17.720 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

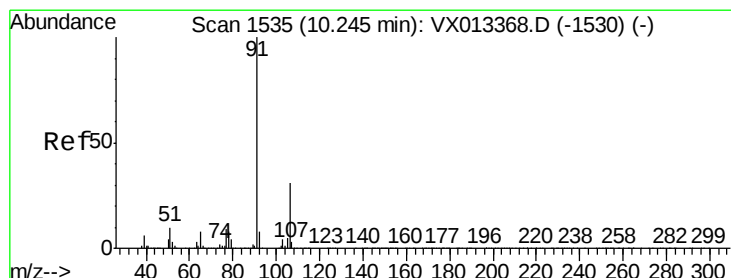
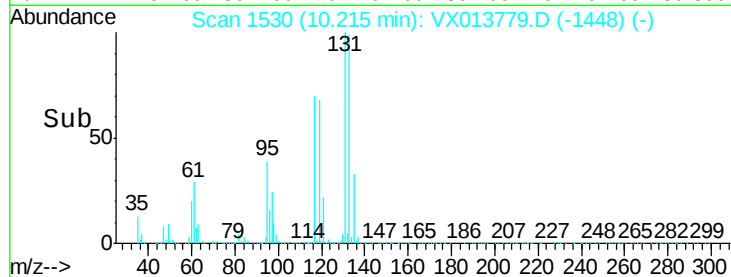
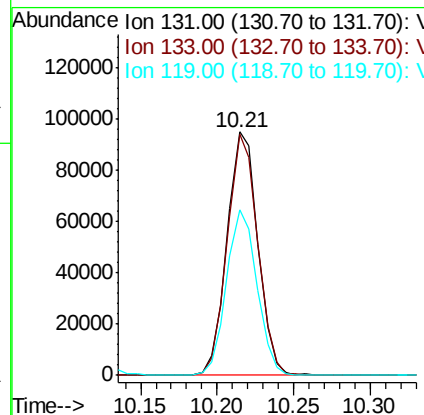
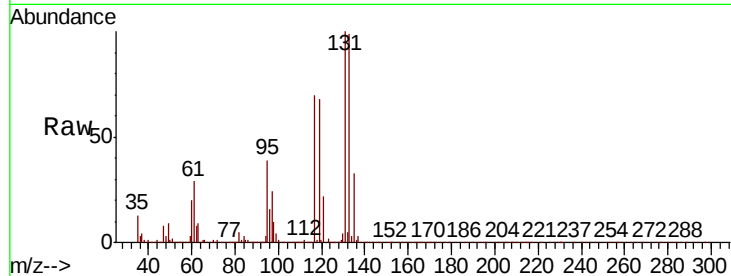
ClientSampleId :

VX1205WBSD01

Tot Ion:	131	Resp:	131839
Ion Ratio	Lower	Upper	
131	100		
133	98.6	0.0	192.2
119	67.6	0.0	134.4

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#66

Ethyl Benzene

Concen: 18.077 ug/l

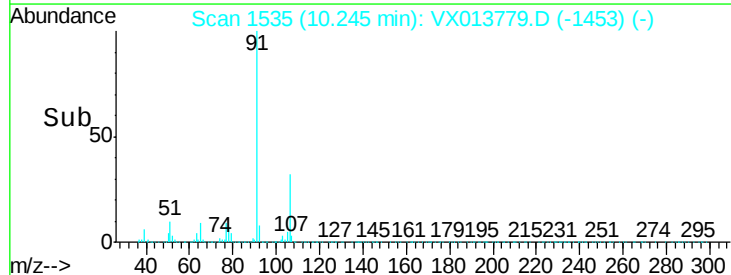
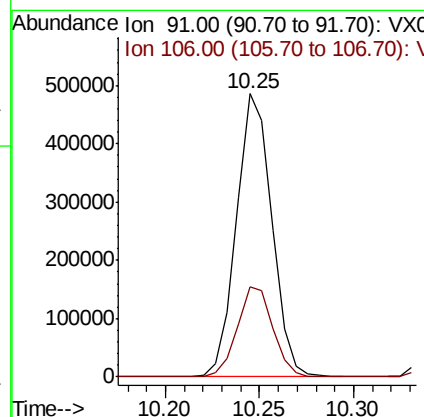
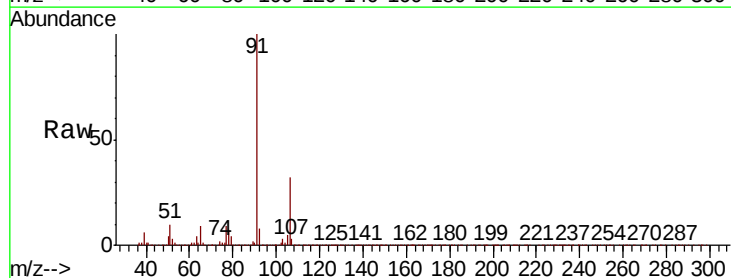
RT: 10.25 min Scan# 1535

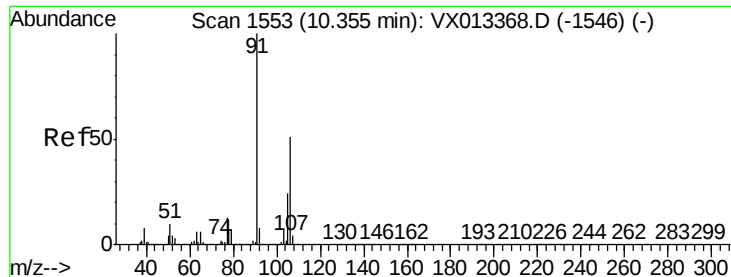
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	91	Resp:	631310
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.0	37.4





#67

m/p-Xvlenes

Concen: 36.046 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion:106 Resp: 485602

Ion Ratio Lower Upper

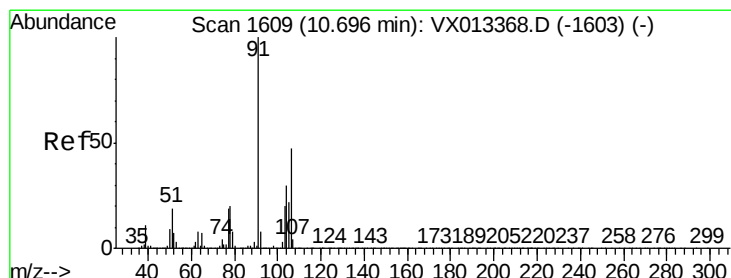
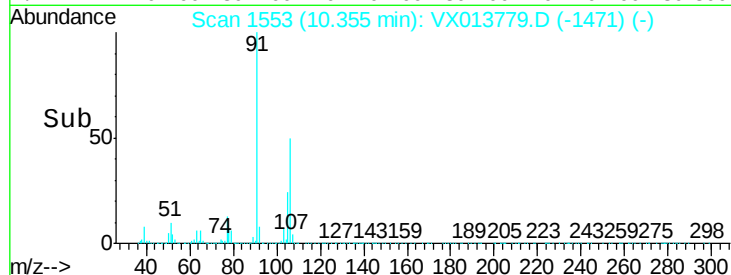
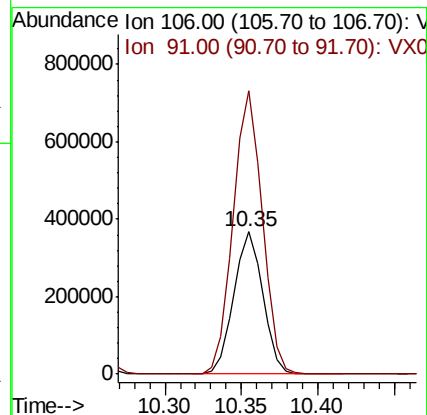
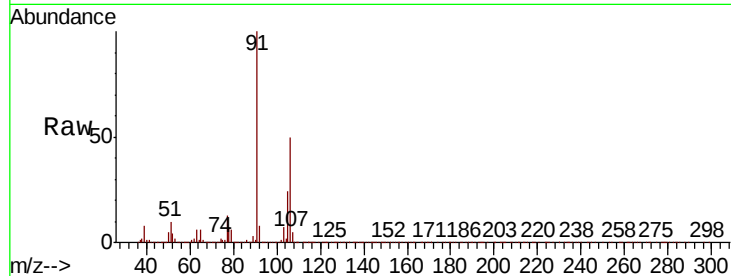
106 100

91 199.3 158.4 237.6

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#68

o-Xylene

Concen: 18.063 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013779.D

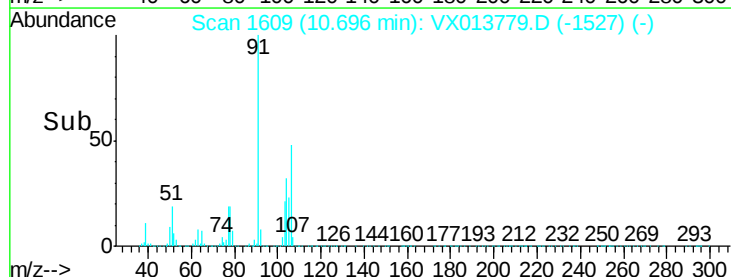
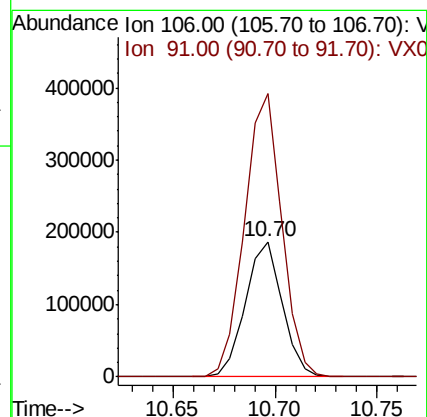
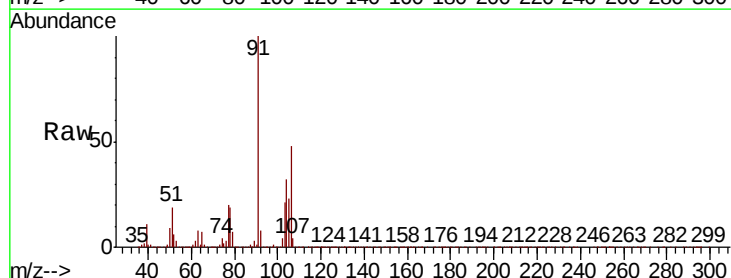
Acq: 05 Dec 2019 16:12

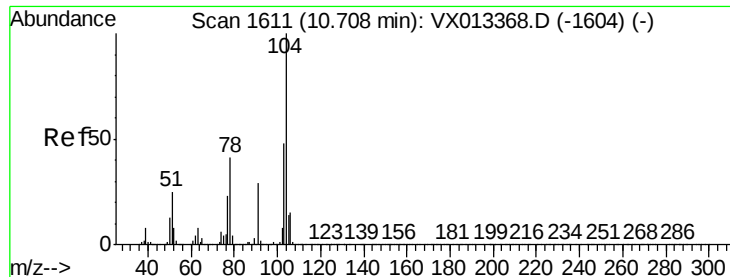
Tgt Ion:106 Resp: 234845

Ion Ratio Lower Upper

106 100

91 210.9 106.4 319.2





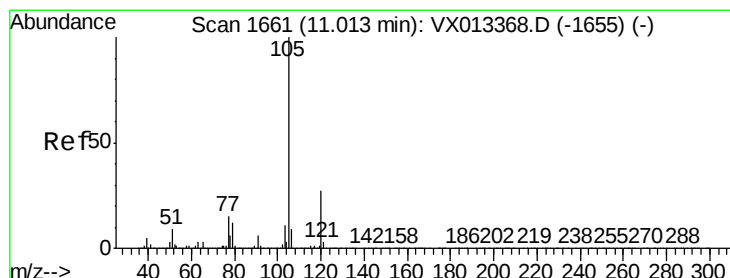
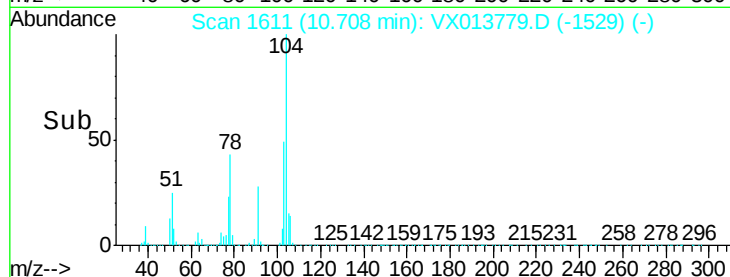
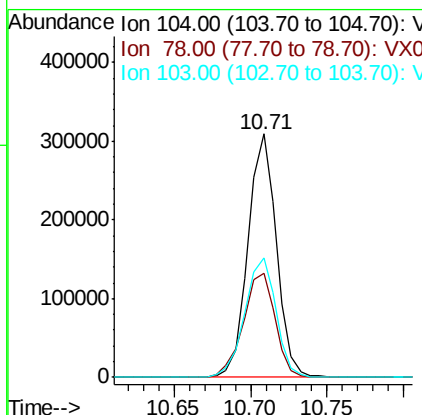
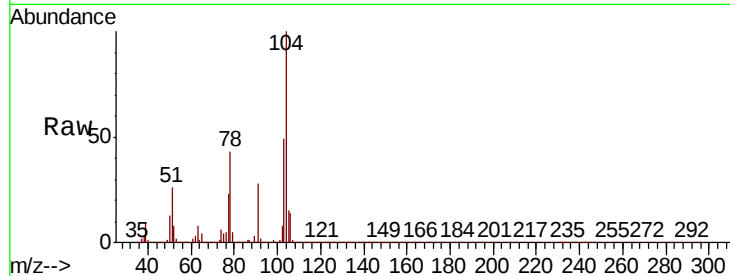
#69
Stvrene
Concen: 17.941 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	398300		
78	47.9		38.2	57.4
103	54.2		43.2	64.8

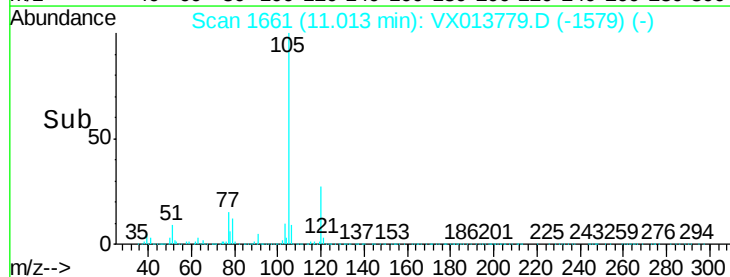
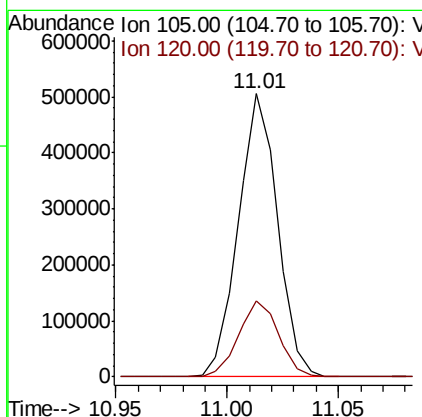
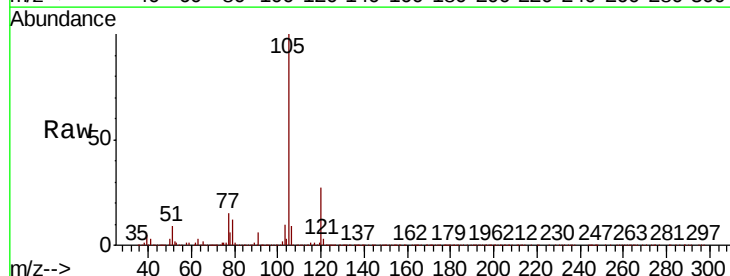
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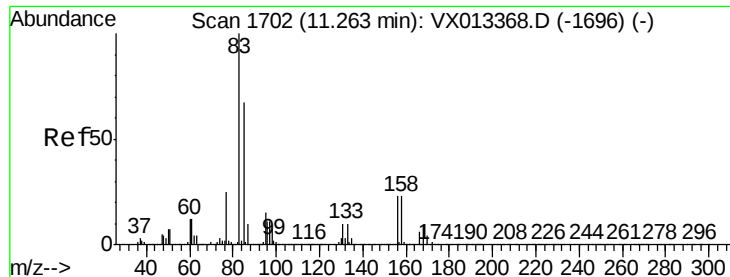
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#70
Isopropylbenzene
Concen: 18.125 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620921		
120	27.4		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.007 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 83 Resp: 220878

Ion Ratio Lower Upper

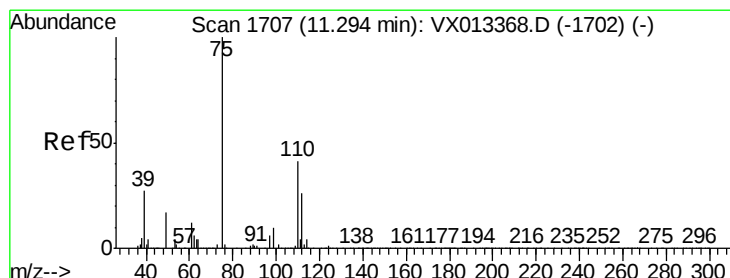
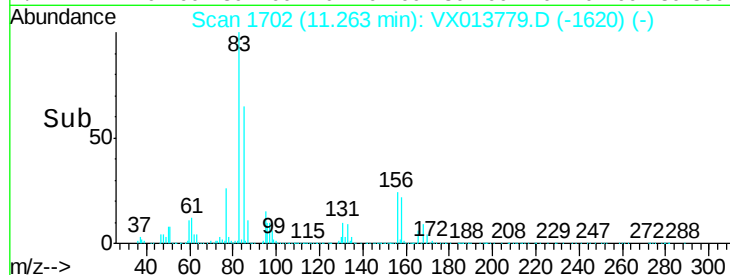
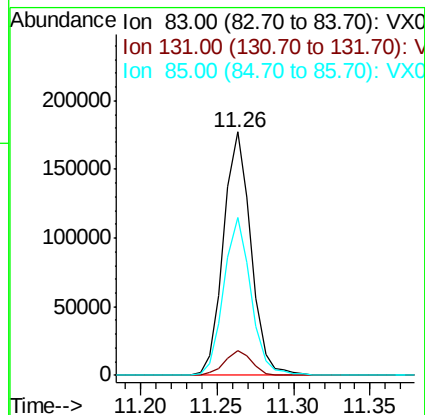
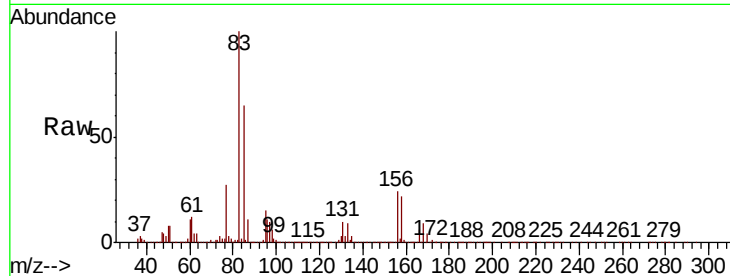
83 100

131 10.2 4.7 14.1

85 63.9 32.6 97.7

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#72

1,2,3-Trichloropropane

Concen: 19.452 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013779.D

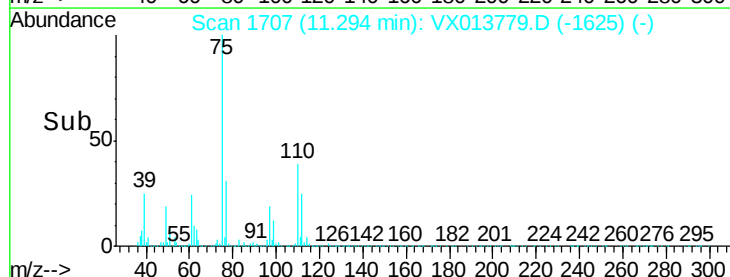
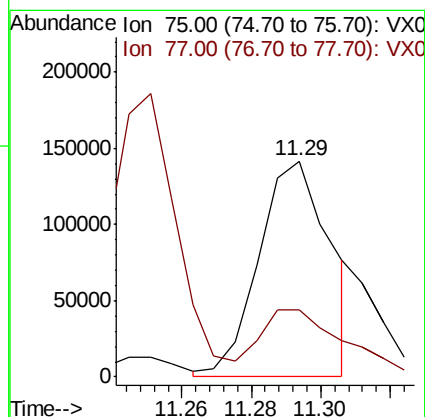
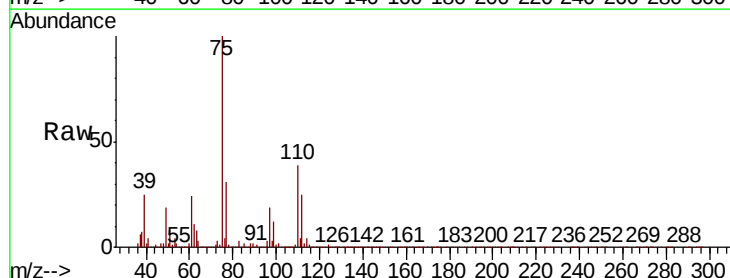
Acq: 05 Dec 2019 16:12

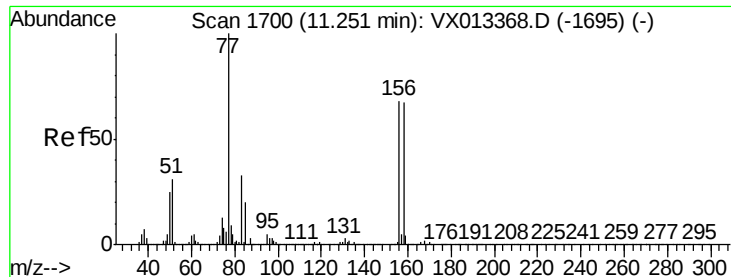
Tgt Ion: 75 Resp: 201473

Ion Ratio Lower Upper

75 100

77 34.7 0.0 86.2





#73

Bromobenzene

Concen: 17.683 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

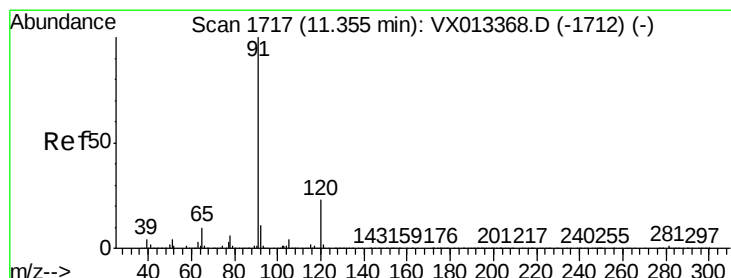
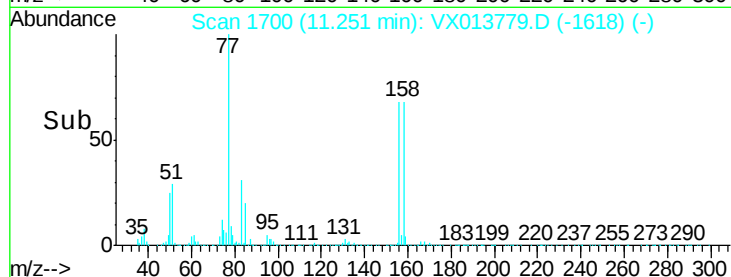
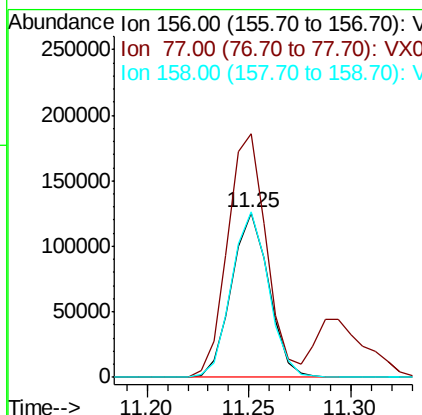
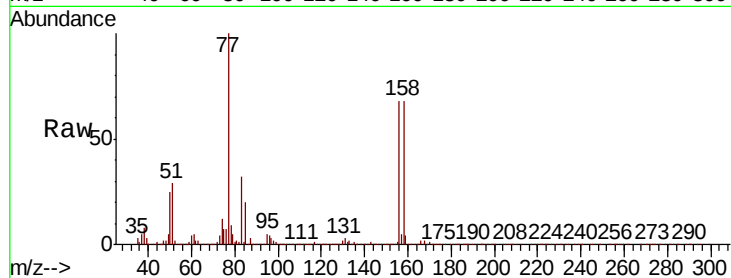
ClientSampleID :

VX1205WBSD01

Tot Ion:	156	Resp:	159754
Ion Ratio	Lower	Upper	
156	100		
77	154.1	0.0	308.8
158	99.8	0.0	197.0

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#74

n-propylbenzene

Concen: 17.840 ug/l

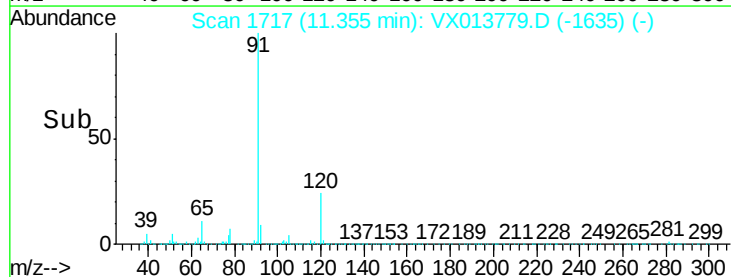
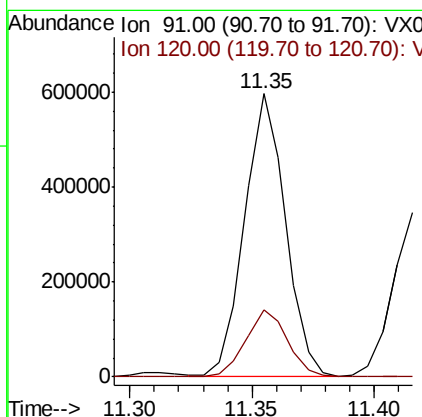
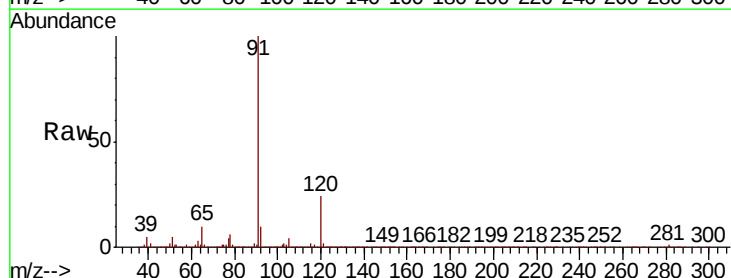
RT: 11.35 min Scan# 1717

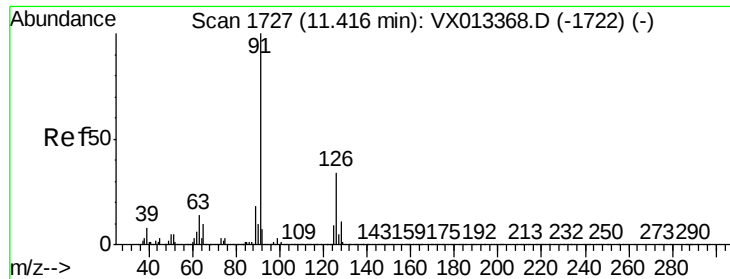
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	91	Resp:	694557
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.137 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD01

Tot Ion: 91 Resp: 419909

Ion Ratio Lower Upper

91 100

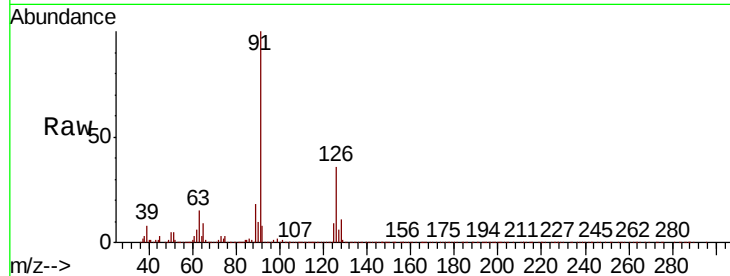
126 35.3 0.0 69.0

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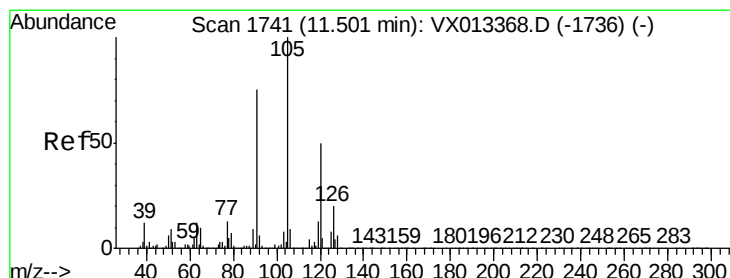
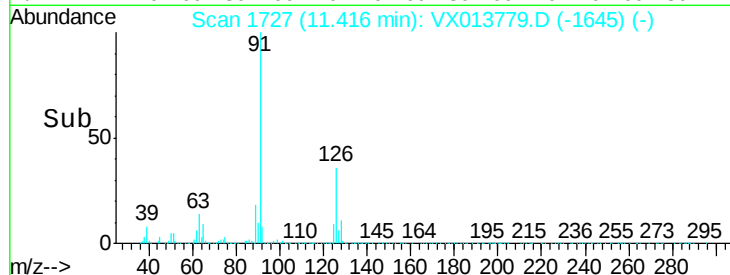
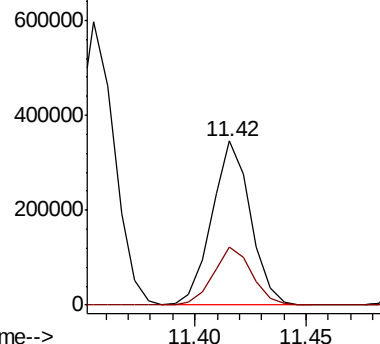
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 17.989 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013779.D

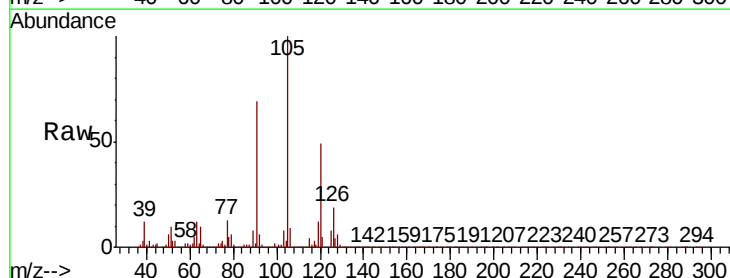
Acq: 05 Dec 2019 16:12

Tgt Ion: 105 Resp: 518007

Ion Ratio Lower Upper

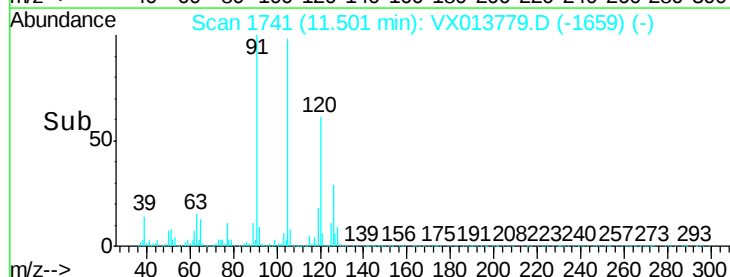
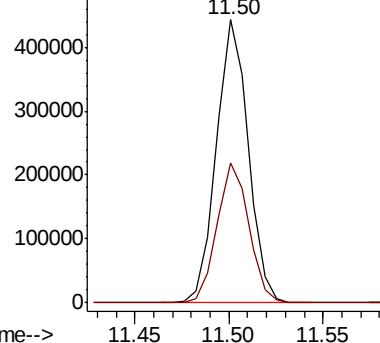
105 100

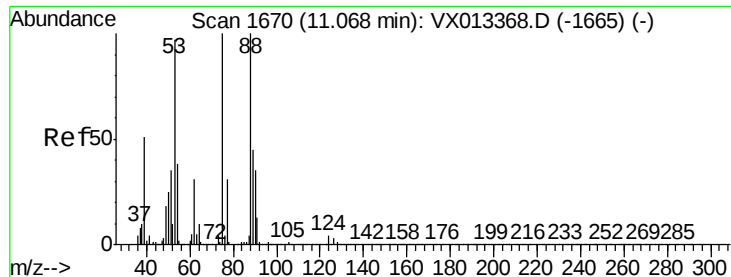
120 49.6 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 15.819 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

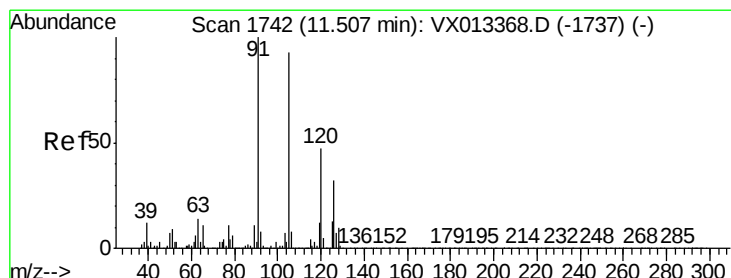
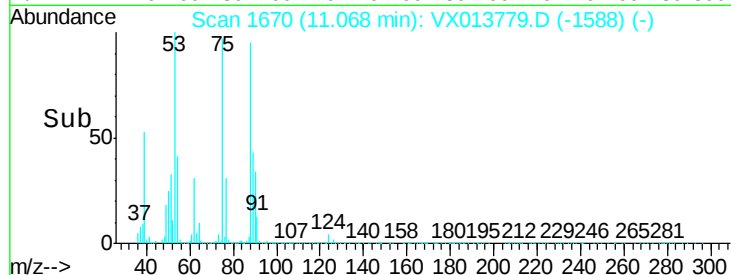
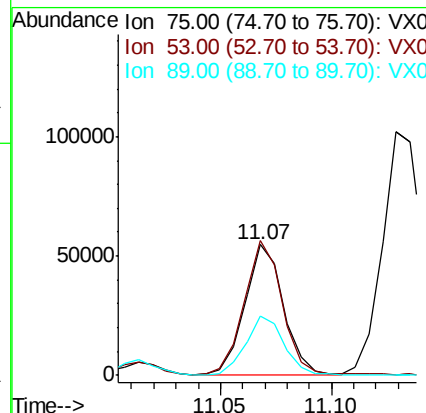
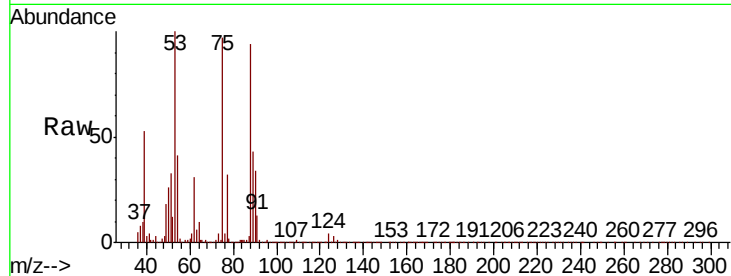
ClientSampleId :

VX1205WBSD01

Tot Ion:	75	Resp:	66249
Ion	Ratio	Lower	Upper
75	100		
53	103.2	48.8	146.3
89	44.5	22.3	66.8

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#78

4-Chlorotoluene

Concen: 17.761 ug/l

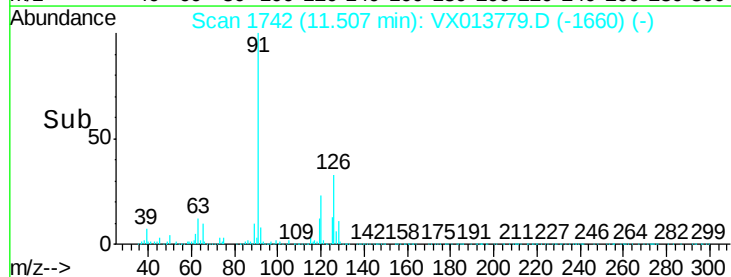
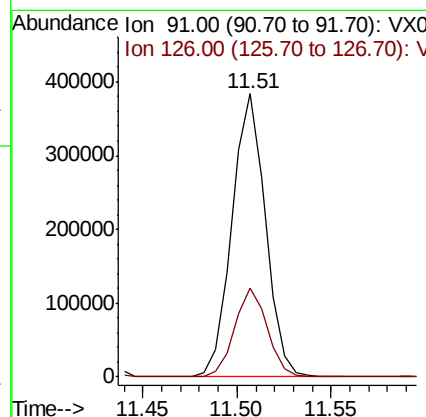
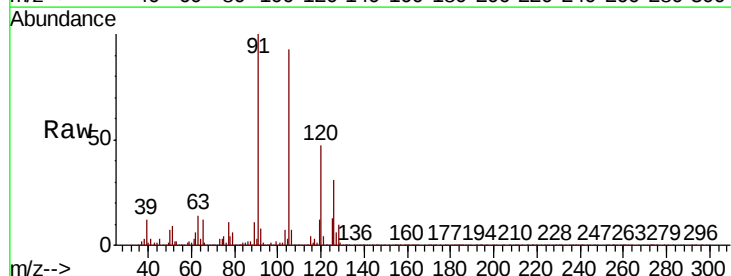
RT: 11.51 min Scan# 1742

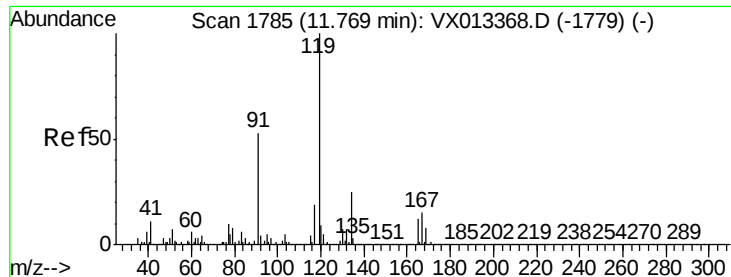
Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	91	Resp:	471109
Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	61.0





#79

tert-butylbenzene

Concen: 18.070 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Instrument :

MSVOA_X

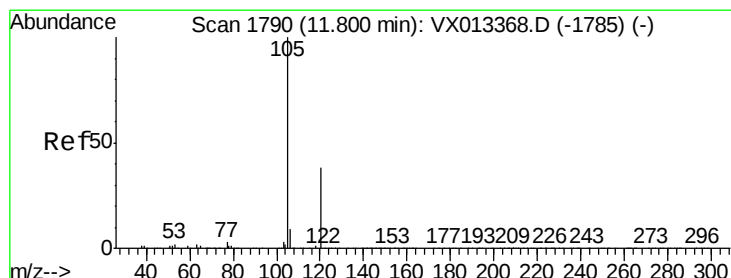
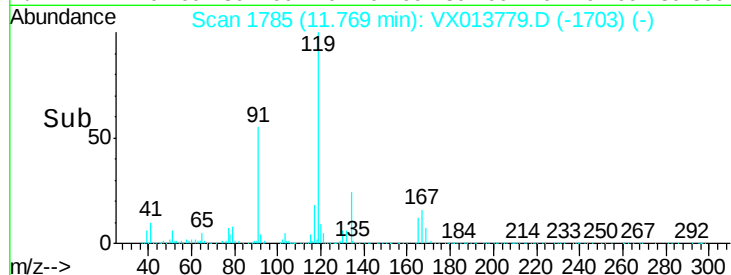
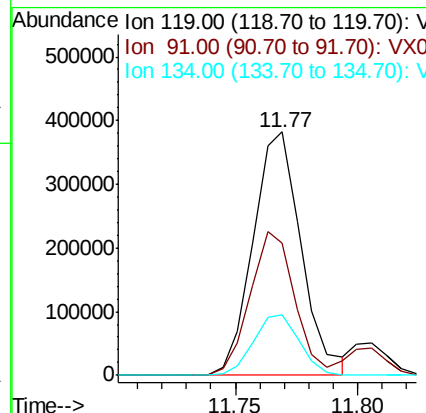
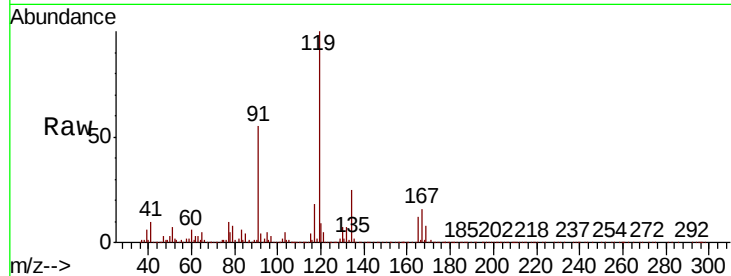
ClientSampleId :

VX1205WBSD01

Tot Ion:	119	Resp:	524997
Ion Ratio	Lower	Upper	
119	100		
91	54.6	0.0	109.6
134	23.7	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 17.999 ug/l

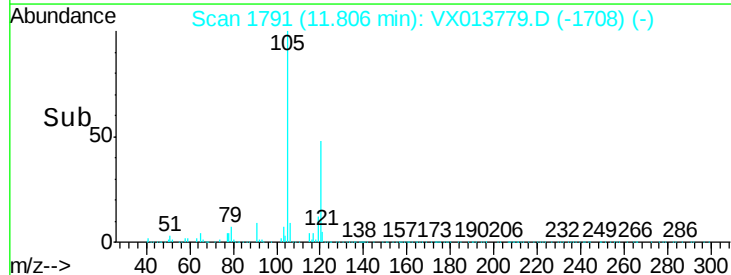
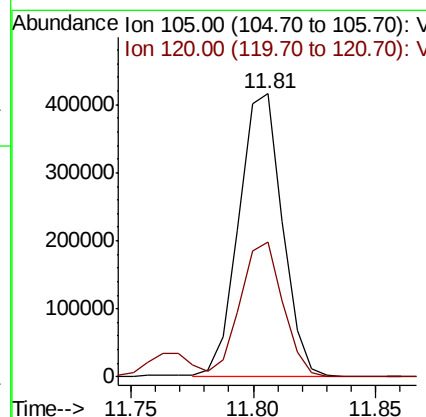
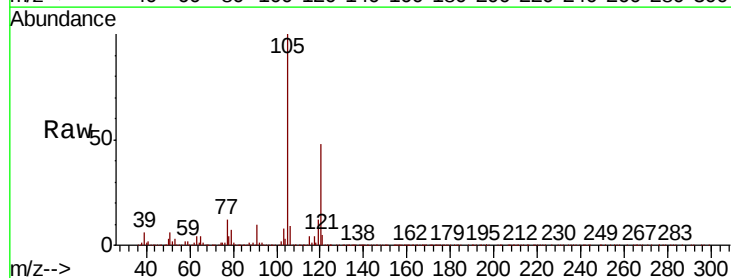
RT: 11.81 min Scan# 1791

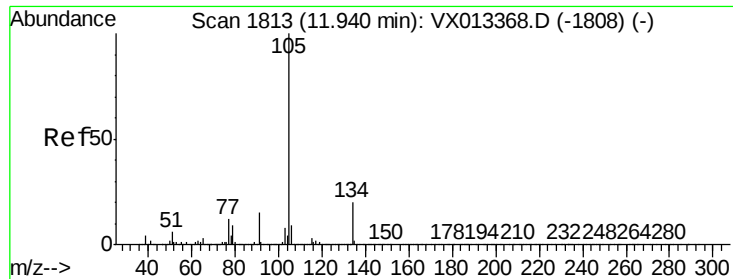
Delta R.T. 0.01 min

Lab File: VX013779.D

Acq: 05 Dec 2019 16:12

Tgt Ion:	105	Resp:	516499
Ion Ratio	Lower	Upper	
105	100		
120	46.7	0.0	94.0





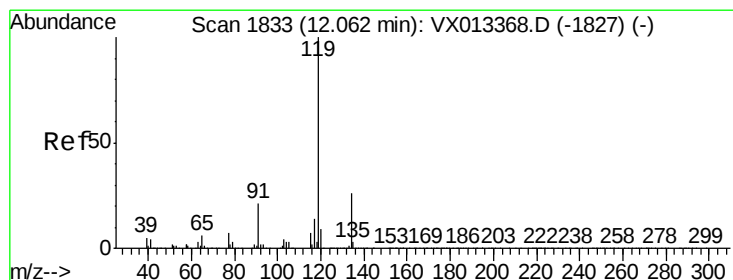
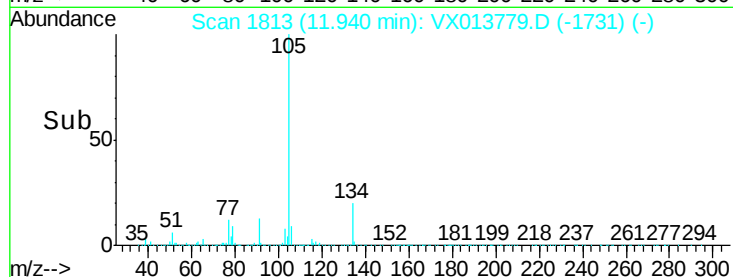
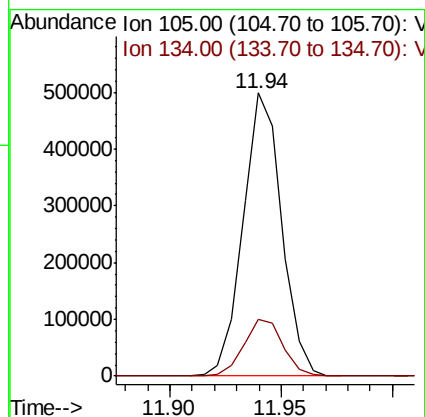
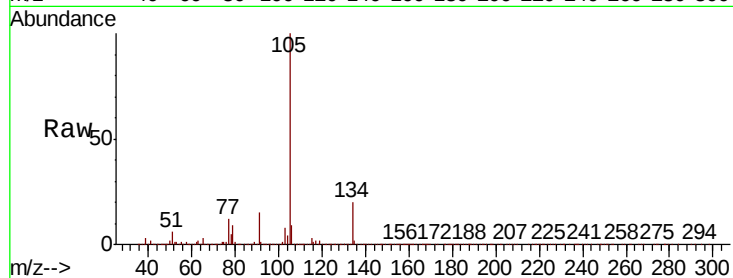
#81
 sec-Butylbenzene
 Concen: 18.152 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	0.0	41.2

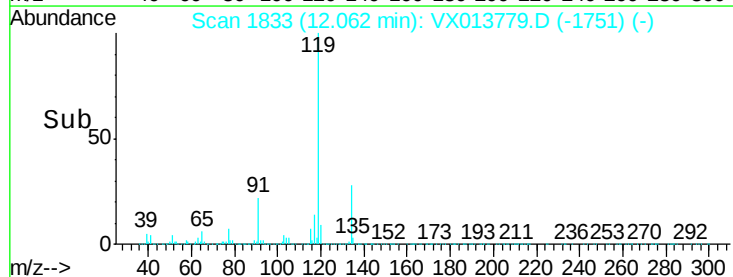
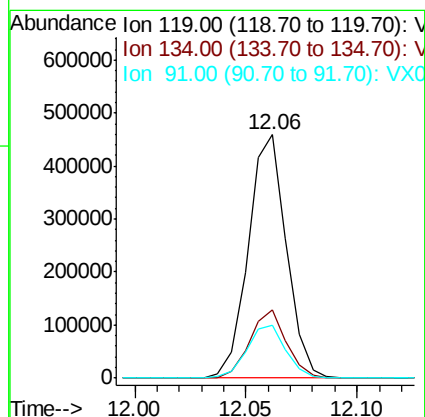
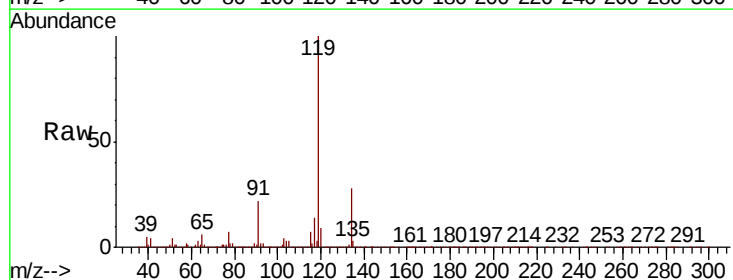
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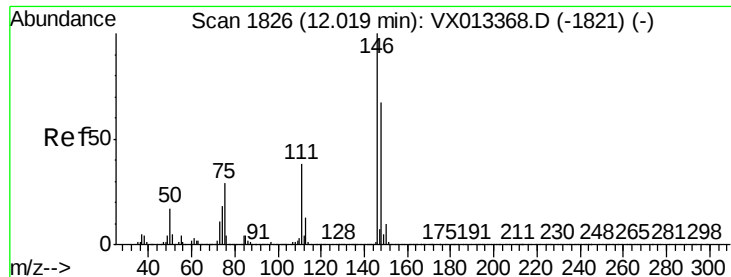
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#82
 p-Isopropyltoluene
 Concen: 17.826 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	51.6
91	22.2	0.0	44.2





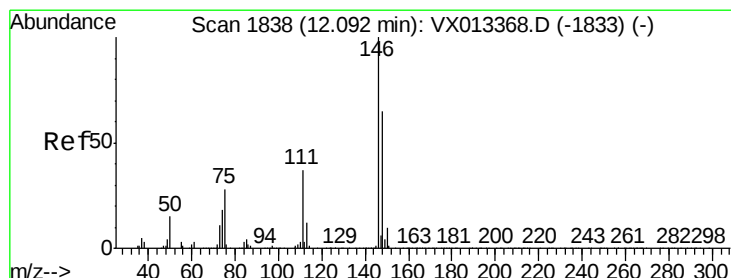
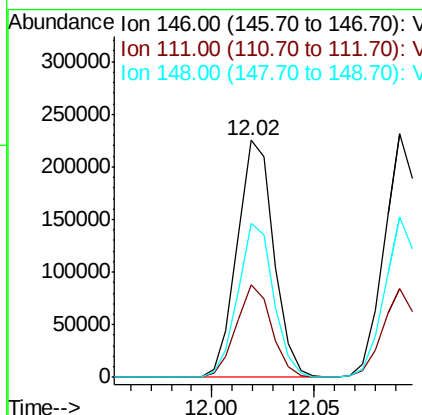
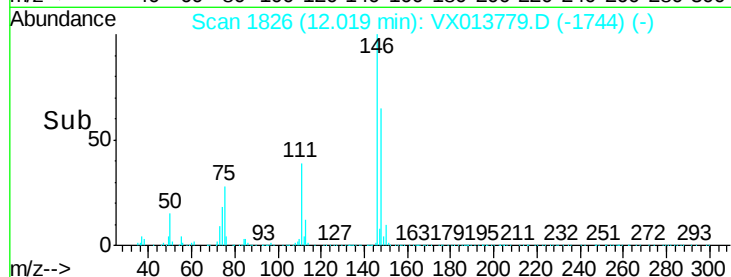
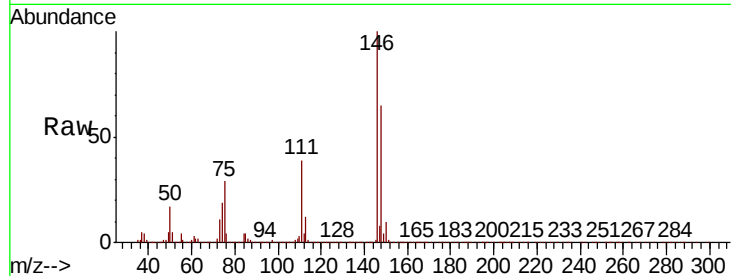
#83
 1,3-Dichlorobenzene
 Concen: 17.627 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.7	32.3	96.9

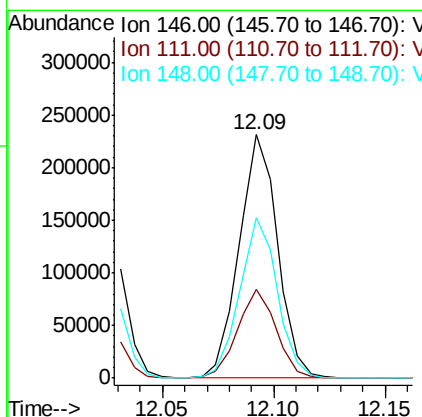
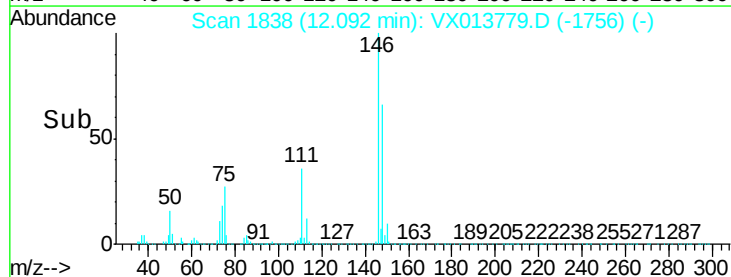
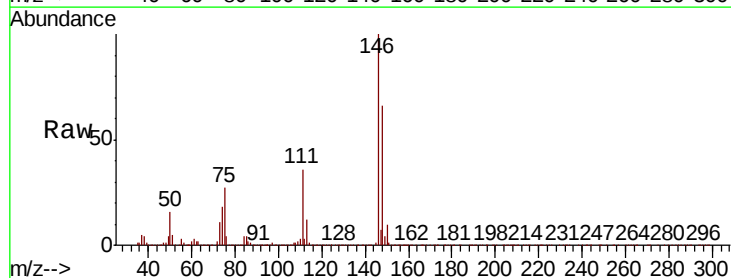
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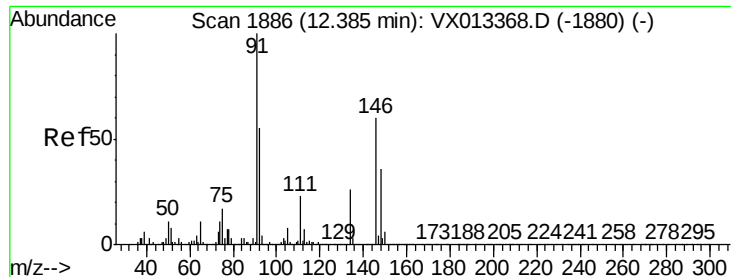
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#84
 1,4-Dichlorobenzene
 Concen: 17.655 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.6
148	64.8	32.5	97.4





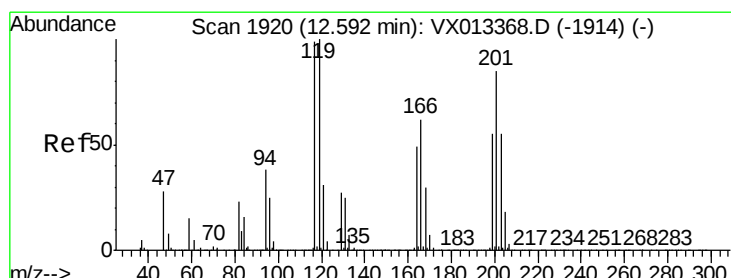
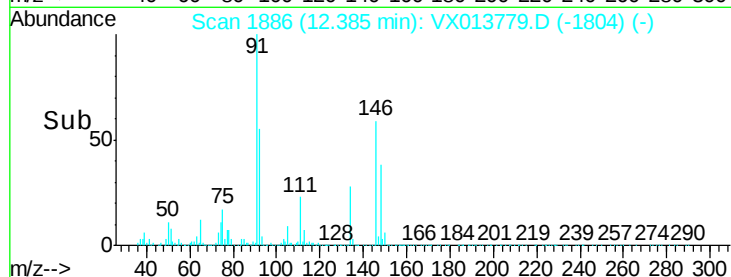
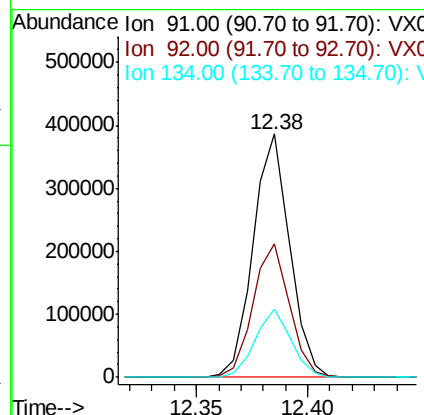
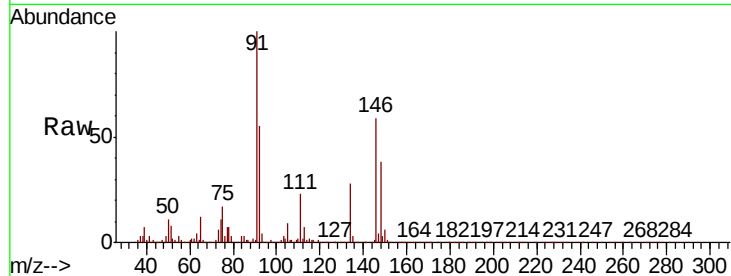
#85
n-Butylbenzene
Concen: 16.758 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	441729		
92	55.0	0.0	109.0	
134	27.7	0.0	53.0	

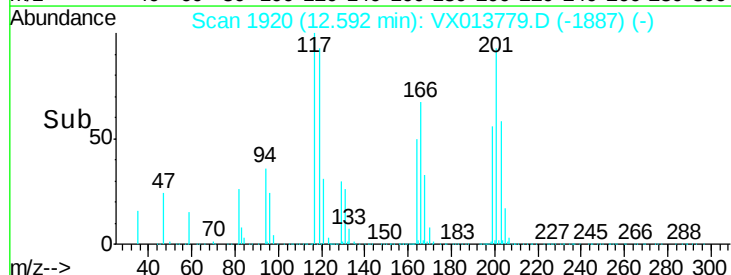
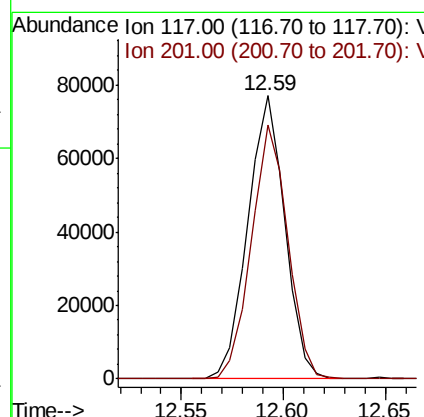
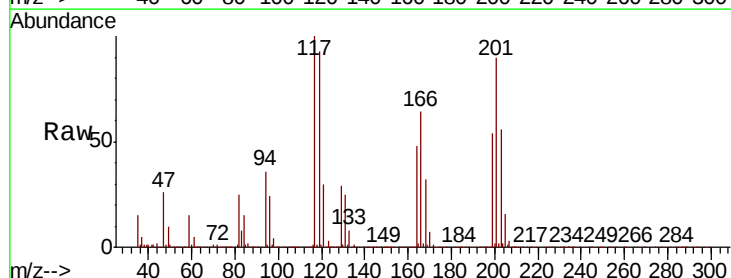
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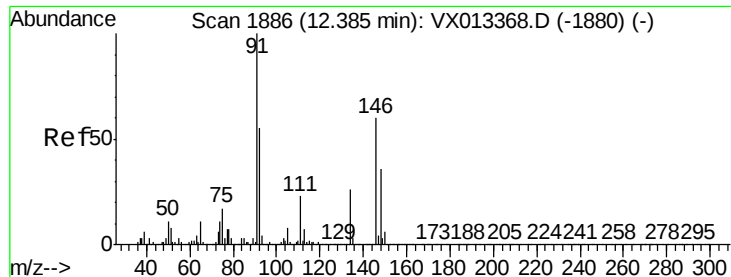
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#86
Hexachloroethane
Concen: 17.370 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97352		
201	88.1	44.5	133.3	





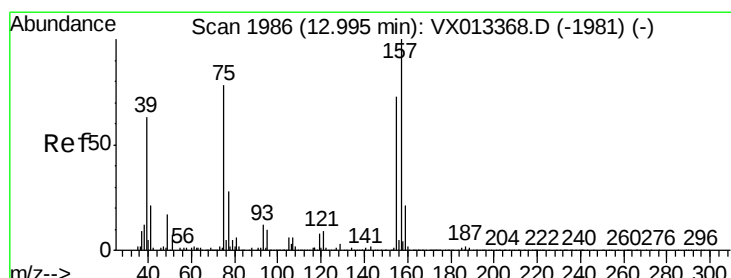
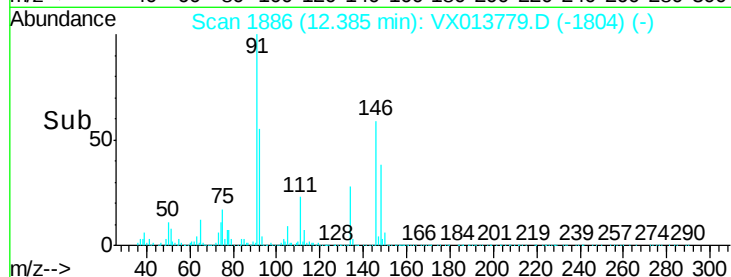
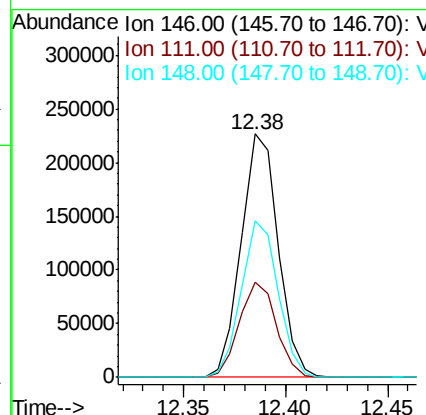
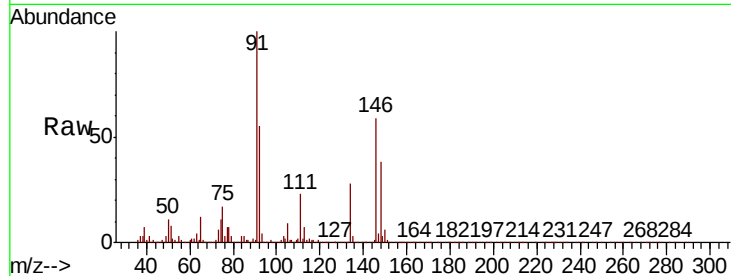
#87
 1,2-Dichlorobenzene
 Concen: 17.933 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.3	31.6	94.7

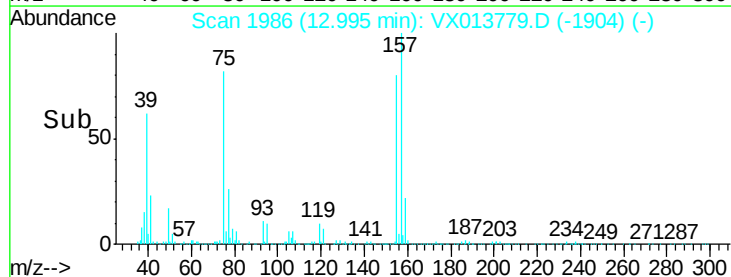
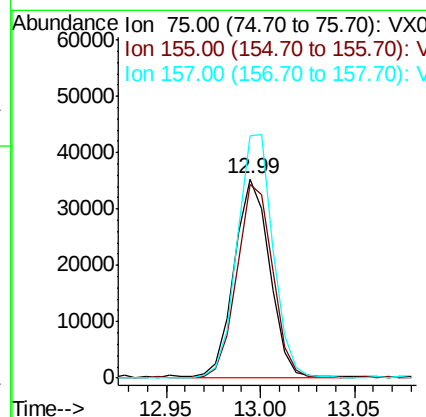
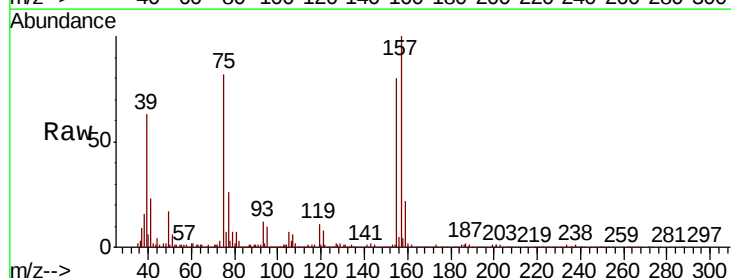
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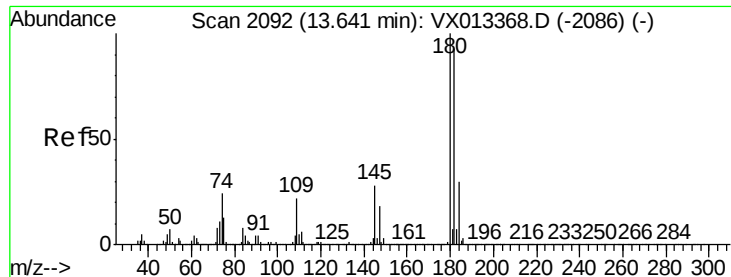
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	76.9	115.3
157	123.8	101.2	151.8





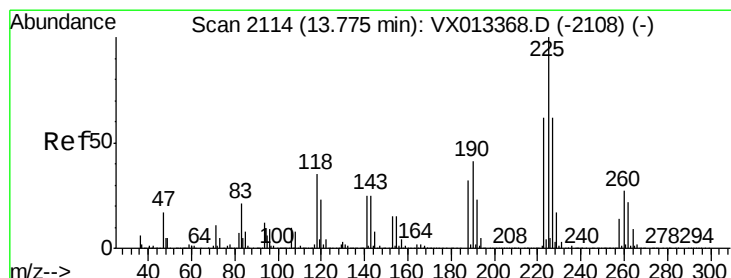
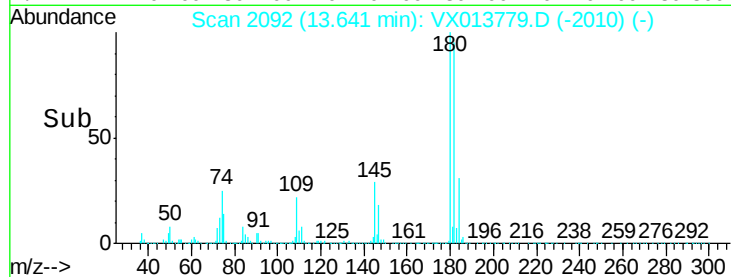
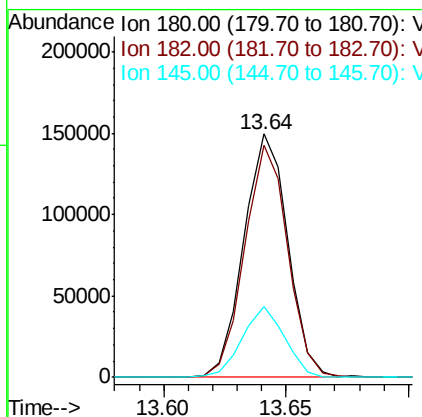
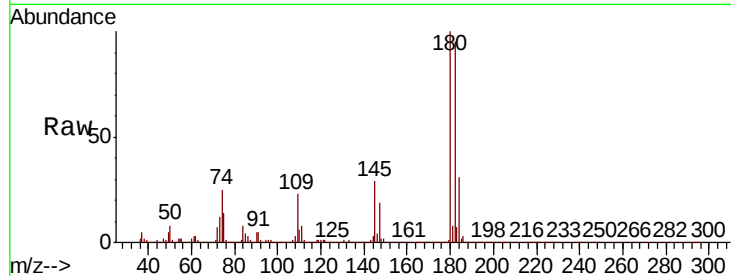
#89
 1,2,4-Trichlorobenzene
 Concen: 17.135 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187647		
182	93.3	74.7	112.1	
145	28.2	22.1	33.1	

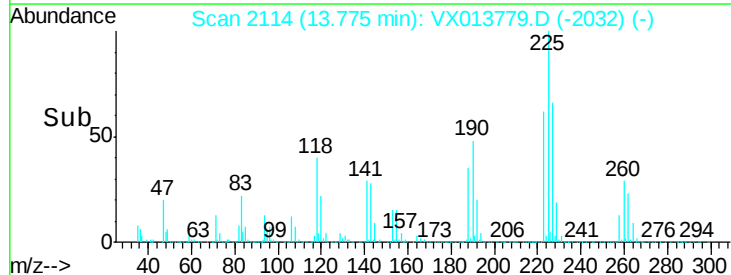
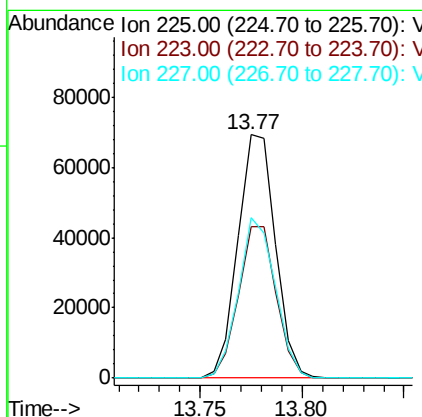
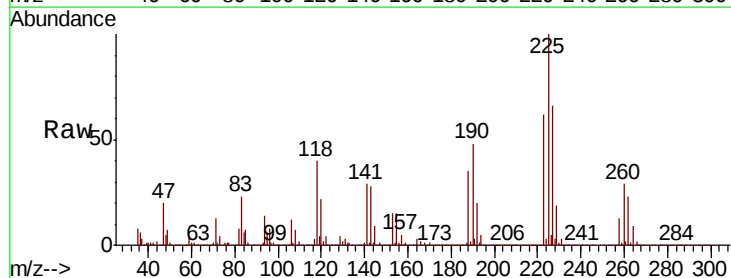
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#90
 Hexachlorobutadiene
 Concen: 16.874 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013779.D
 Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88551		
223	62.6	0.0	123.0	
227	64.6	0.0	121.8	





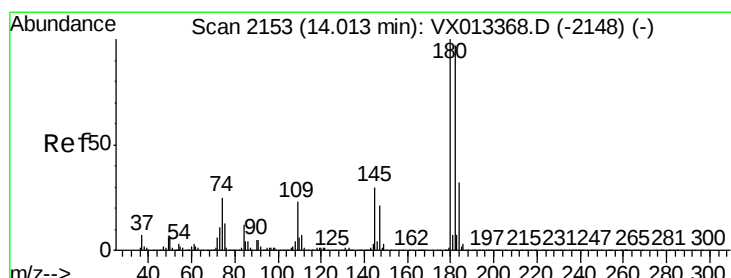
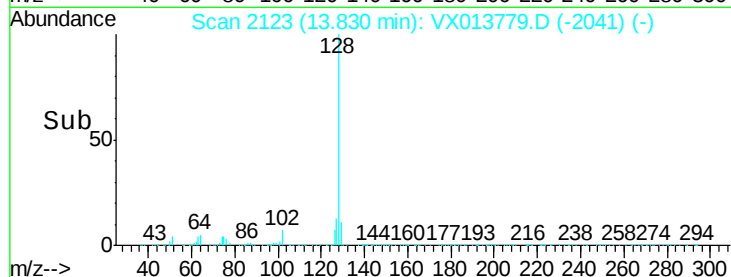
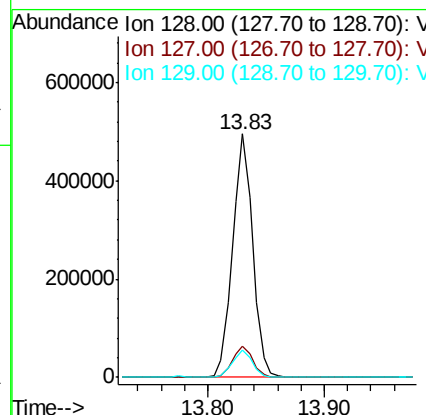
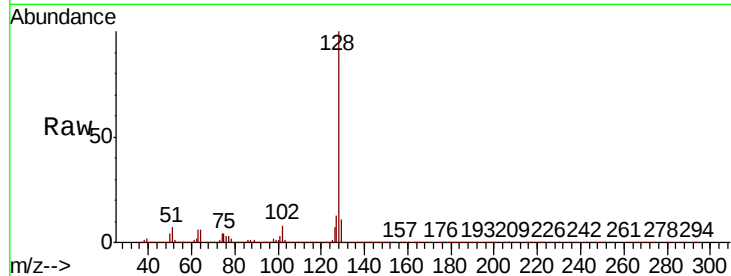
#91
Naphthalene
Concen: 17.079 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 16.774 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013779.D
Acq: 05 Dec 2019 16:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	0.0	191.0
145	30.6	0.0	59.0

