

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013769.D
 Acq On : 05 Dec 2019 12:07
 Operator : JC/SP
 Sample : VX1205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Manual Integrations
 APPROVED

apatel
 12/6/2019 9:36:02 AM

Quant Time: Dec 06 02:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	106642	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	604597	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	541530	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	226907	28.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.03%
60) 4-Bromofluorobenzene	11.14	95	257588	29.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.63%
63) Toluene-d8	8.71	98	725319	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	156100	19.536	ug/l 96
3) Chloromethane	1.32	50	161255	18.518	ug/l 97
4) Vinyl Chloride	1.40	62	191713	19.375	ug/l 98
5) Bromomethane	1.63	94	98853	16.618	ug/l 100
6) Chloroethane	1.72	64	102411	18.828	ug/l 96
7) Trichlorofluoromethane	1.92	101	211259	19.832	ug/l 100
8) Diethyl Ether	2.18	74	94509	19.431	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128613	20.067	ug/l 99
10) 1,1-Dichloroethene	2.37	96	125264	19.019	ug/l 96
11) Methyl Iodide	2.50	142	126657	15.574	ug/l 97
12) Methyl Acetate	2.76	43	210005	18.197	ug/l 98
13) Acrolein	2.28	56	95076	77.556	ug/l 99
14) Acrylonitrile	3.13	53	366576	86.378	ug/l 98
15) Acetone	2.43	58	116313	90.493	ug/l 97
16) Carbon Disulfide	2.56	76	337201	18.356	ug/l 99
17) Allyl chloride	2.72	41	222512	18.346	ug/l 97
18) Methylene Chloride	2.85	84	146634	19.623	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	136263	19.359	ug/l 94
20) Diisopropyl ether	3.84	45	450633	19.312	ug/l 87
21) 1,1-Dichloroethane	3.69	63	242792	19.103	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	154643	19.270	ug/l 97
23) tert-Butyl Alcohol	3.03	59	157237	76.988	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	426365	19.560	ug/l 100
25) Chloroform	5.20	83	238792	19.195	ug/l 98
26) Cyclohexane	5.57	56	217227	18.821	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	184006	19.926	ug/l 99
30) 2-Butanone	4.65	43	537019	88.104	ug/l 99
31) 2,2-Dichloropropane	4.57	77	199268	19.925	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	204084	19.883	ug/l 99
33) Carbon Tetrachloride	5.77	117	174509	19.574	ug/l 98
34) Benzene	6.13	78	559041	19.959	ug/l 99
35) Methacrylonitrile	5.03	41	112534	18.488	ug/l 98
36) 1,2-Dichloroethane	6.19	62	192892	19.674	ug/l 100
37) Trichloroethene	7.20	130	151234	20.154	ug/l 98
38) Methylcyclohexane	7.45	83	233649	20.635	ug/l 99
39) 1,2-Dichloropropane	7.51	63	143175	19.769	ug/l 98
40) Dibromomethane	7.65	93	93327	19.363	ug/l 96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
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Quant Time: Dec 06 02:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	182396	19.385	ug/l	98
42) Vinyl Acetate	3.80	43	1804172	94.015	ug/l	99
43) Ethyl Acetate	4.82	43	200528	18.038	ug/l	98
44) Isopropyl Acetate	6.43	43	328296	18.371	ug/l	99
45) 1,4-Dioxane	7.73	88	69373	351.623	ug/l	99
46) Methyl methacrylate	7.76	41	165099	18.573	ug/l	97
47) n-amyl Acetate	10.89	43	282663	18.033	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	202607	19.203	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	224124	19.387	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	139045	19.495	ug/l	96
51) Ethyl methacrylate	9.17	69	223099	18.998	ug/l	98
52) 1,3-Dichloropropane	9.36	76	240920	19.759	ug/l	100
53) Dibromochloromethane	9.57	129	147349	19.493	ug/l	100
54) 1,2-Dibromoethane	9.67	107	149112	19.552	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	441120	87.913	ug/l	99
56) Bromoform	10.85	173	114325	19.004	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	1035739	91.555	ug/l	99
59) 2-Hexanone	9.48	43	784738	87.671	ug/l	99
61) Tetrachloroethene	9.33	164	138670	20.766	ug/l	100
62) Toluene	8.78	91	599973	19.890	ug/l	99
64) Chlorobenzene	10.14	112	380699	20.185	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	139776	19.799	ug/l	98
66) Ethyl Benzene	10.25	91	664937	20.066	ug/l	100
67) m/p-Xylenes	10.36	106	512790	40.115	ug/l	100
68) o-Xylene	10.70	106	249336	20.211	ug/l	98
69) Styrene	10.71	104	408390	19.387	ug/l	98
70) Isopropylbenzene	11.01	105	657338	20.221	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	220350	18.931	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	176207m	17.929	ug/l	
73) Bromobenzene	11.25	156	171777	20.038	ug/l	96
74) n-propylbenzene	11.35	91	744740	20.160	ug/l	99
75) 2-Chlorotoluene	11.42	91	445997	20.302	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	551651	20.189	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	68970	17.356	ug/l	93
78) 4-Chlorotoluene	11.51	91	502407	19.961	ug/l	100
79) tert-butylbenzene	11.76	119	543442	19.713	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	546826	20.083	ug/l	100
81) sec-Butylbenzene	11.94	105	638469	20.299	ug/l	99
82) p-Isopropyltoluene	12.06	119	586397	20.234	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	296791	19.692	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	296111	19.793	ug/l	98
85) n-Butylbenzene	12.39	91	490474	19.610	ug/l	99
86) Hexachloroethane	12.59	117	102663	19.305	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	301272	19.990	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	45724	17.566	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	201952	19.435	ug/l	97
90) Hexachlorobutadiene	13.78	225	102168	20.518	ug/l	97
91) Naphthalene	13.83	128	602995	18.327	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	205876	19.605	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Manual Integrations
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Quant Time: Dec 06 02:44:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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

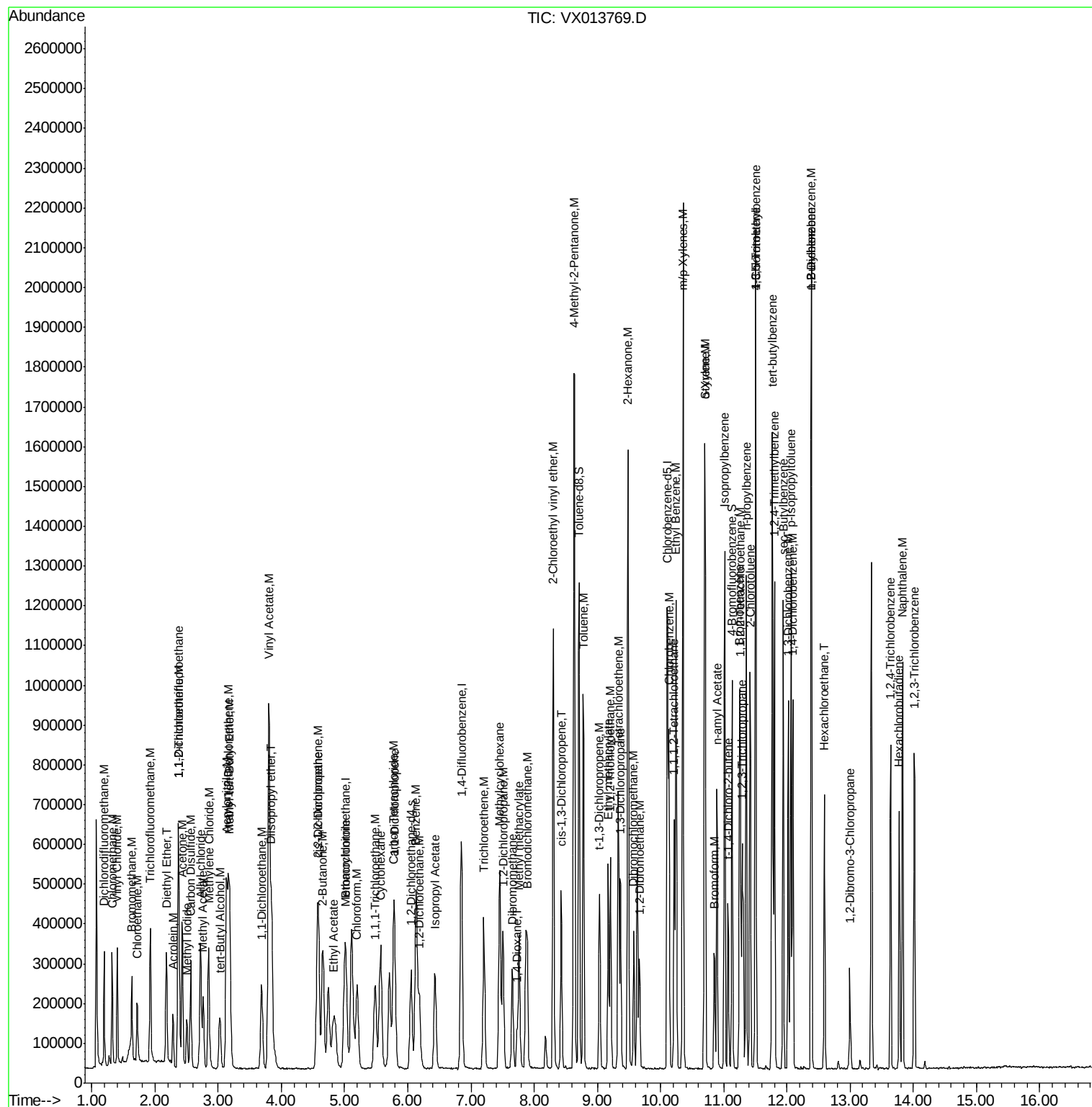
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 Data File : VX013769.D
 Acq On : 05 Dec 2019 12:07
 Operator : JC/SP
 Sample : VX1205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

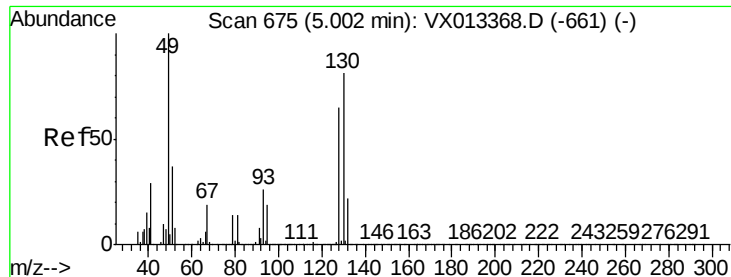
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1205WBS01

Manual Integrations
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 12/6/2019 9:36:02 AM

Quant Time: Dec 06 02:44:26 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
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#1

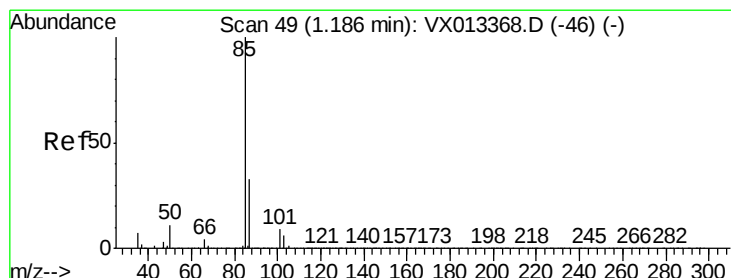
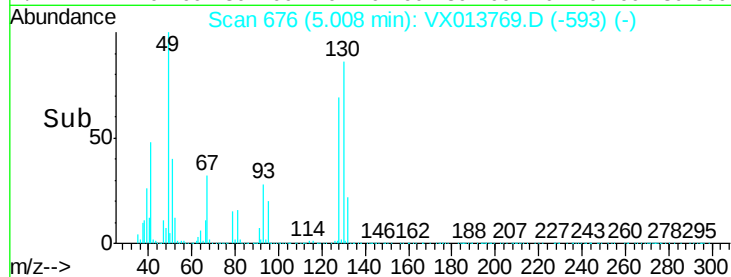
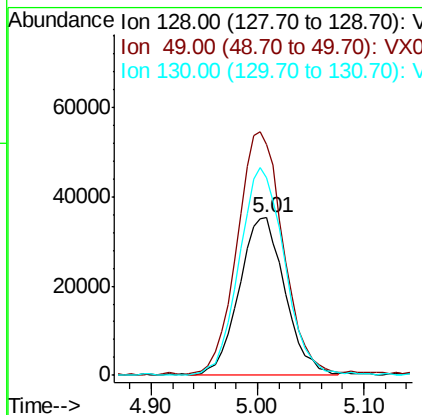
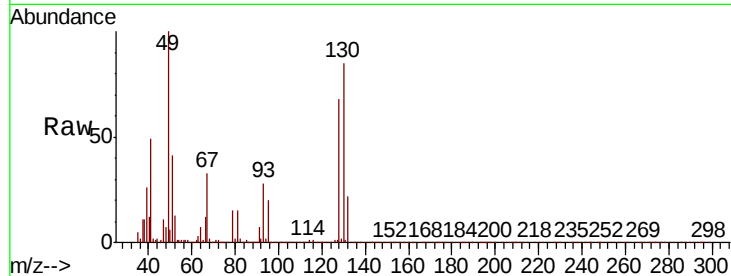
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.2	0.0	388.3
130	130.2	0.0	318.5

Manual Integrations
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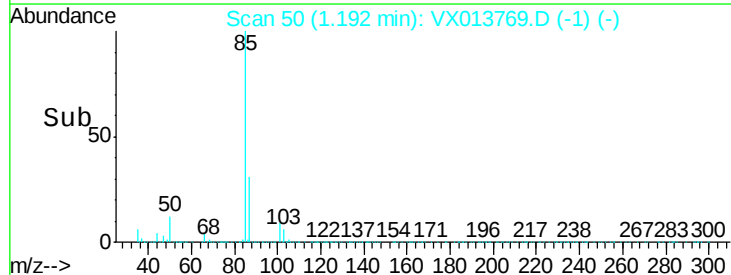
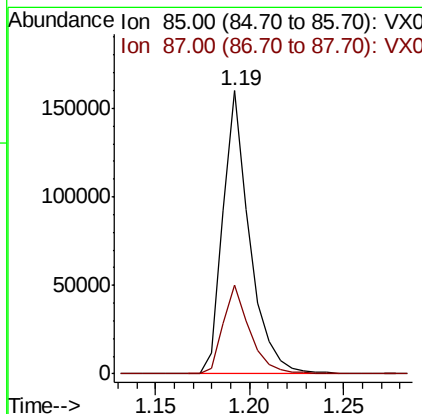
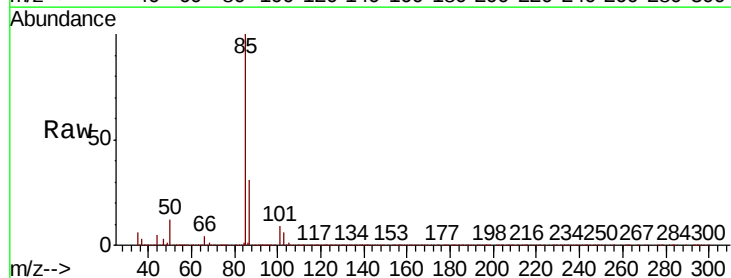
apatel
12/6/2019 9:36:02 AM

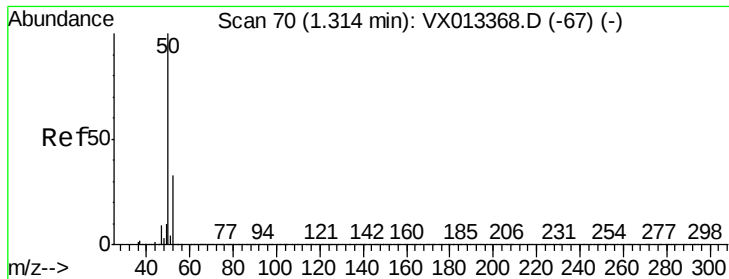


#2

Dichlorodifluoromethane
Concen: 19.536 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.6	49.7





#3

Chloromethane

Concen: 18.518 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 50 Resp: 161255

Ion Ratio Lower Upper

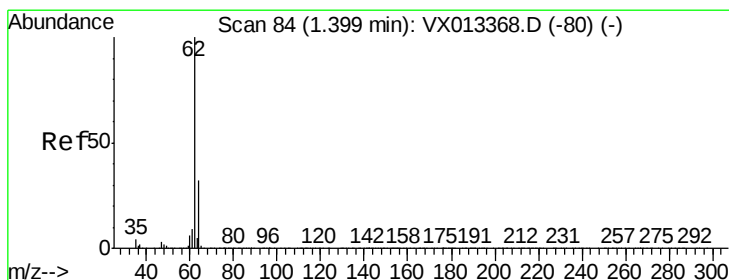
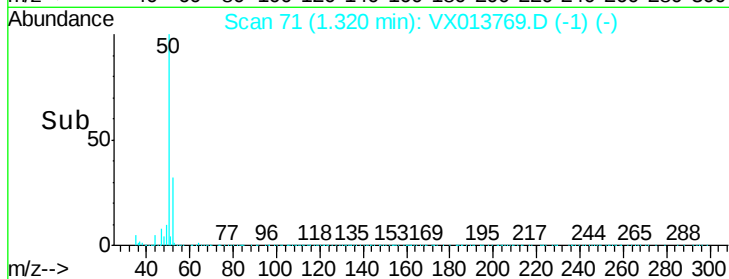
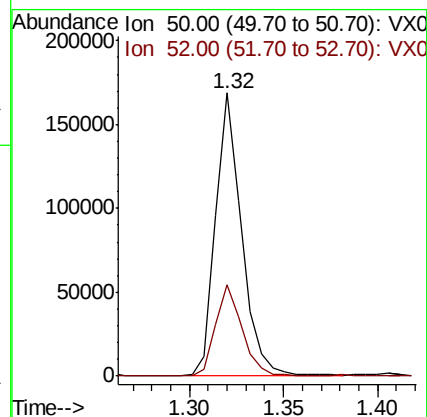
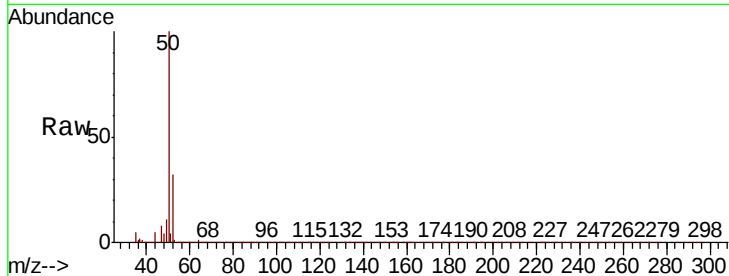
50 100

52 31.9 26.6 40.0

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#4

Vinyl Chloride

Concen: 19.375 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013769.D

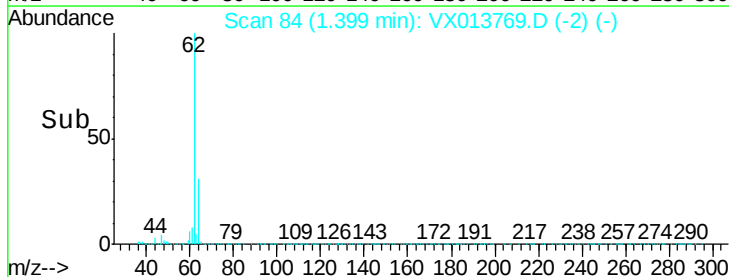
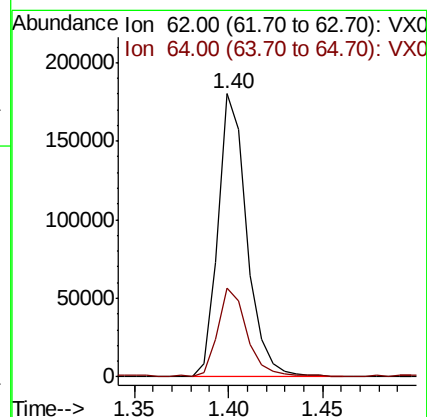
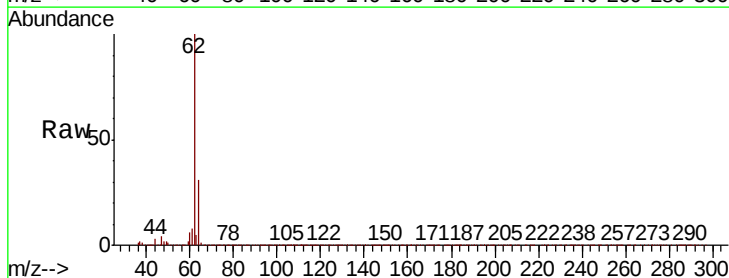
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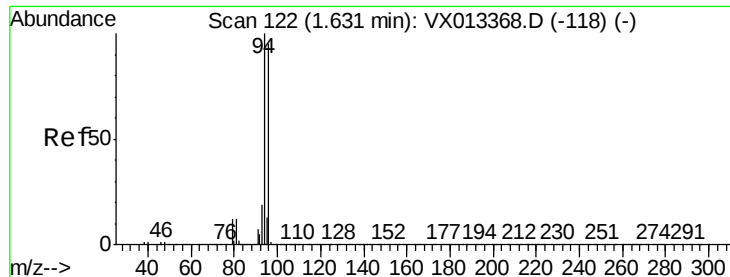
Tgt Ion: 62 Resp: 191713

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 16.618 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 94 Resp: 98853

Ion Ratio Lower Upper

94 100

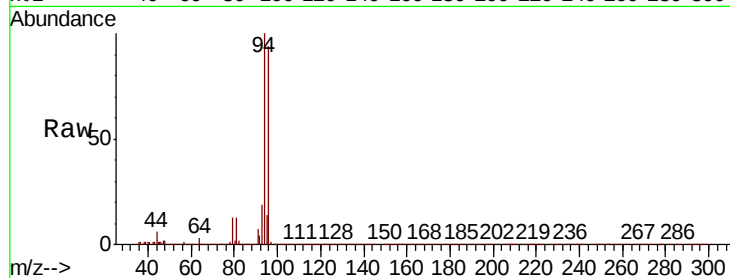
96 94.5 75.7 113.5

Manual Integrations

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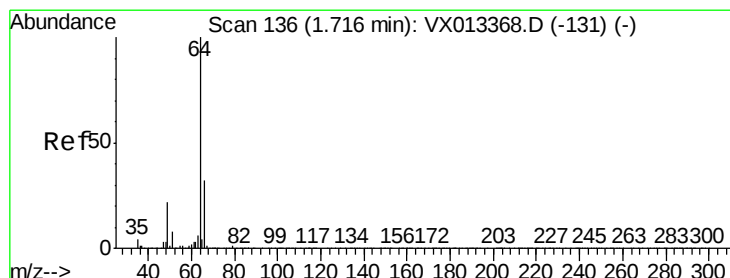
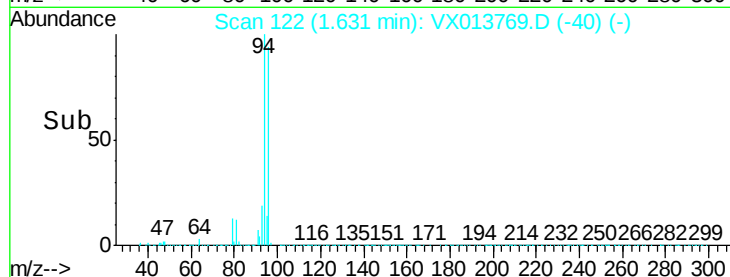
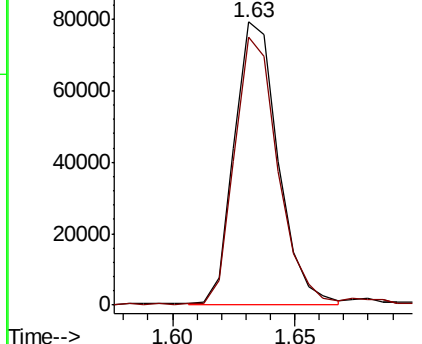
apatel

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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: 18.828 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013769.D

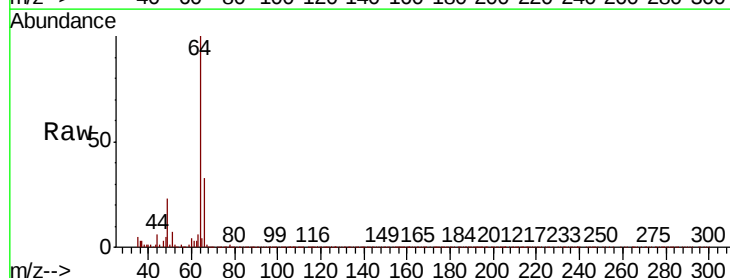
Acq: 05 Dec 2019 12:07

Tgt Ion: 64 Resp: 102411

Ion Ratio Lower Upper

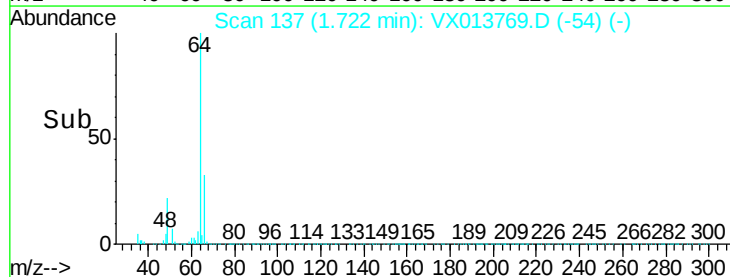
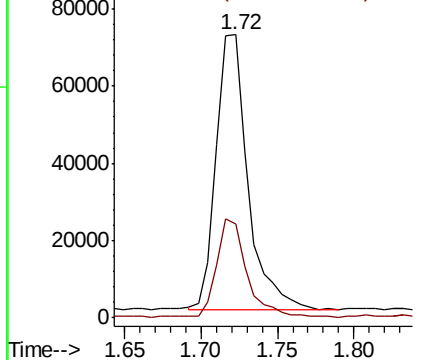
64 100

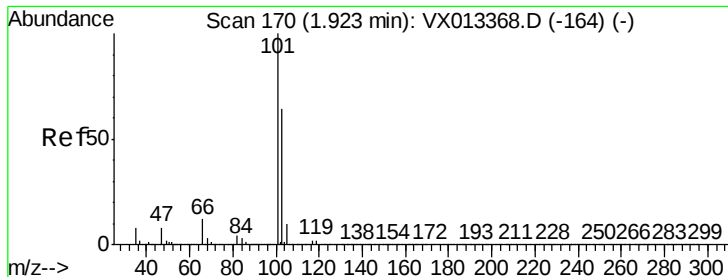
66 34.1 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

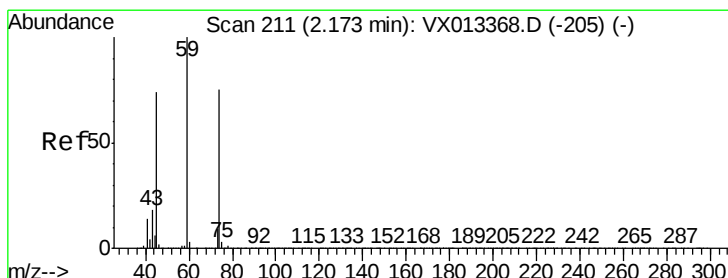
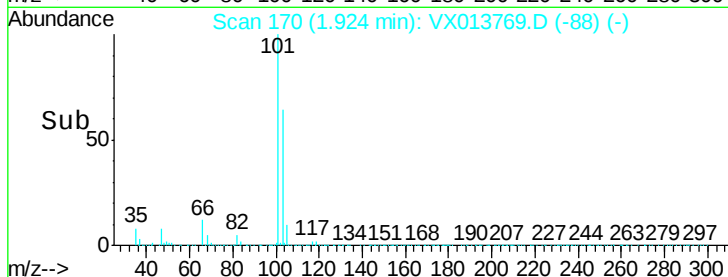
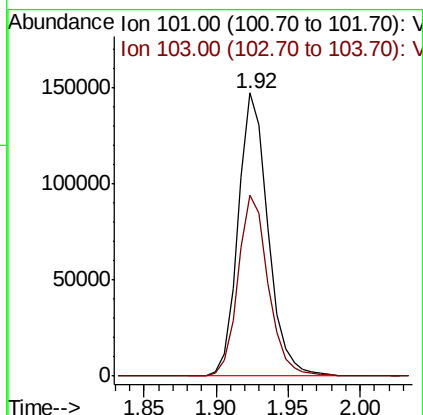
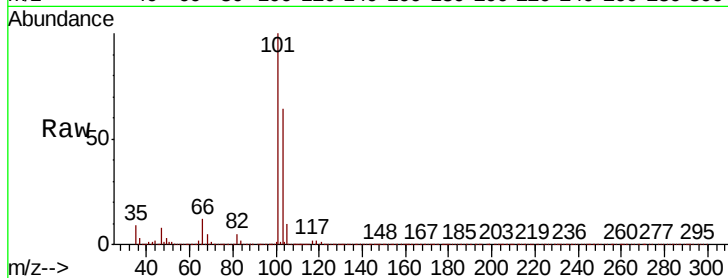
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.2	76.8

Manual Integrations
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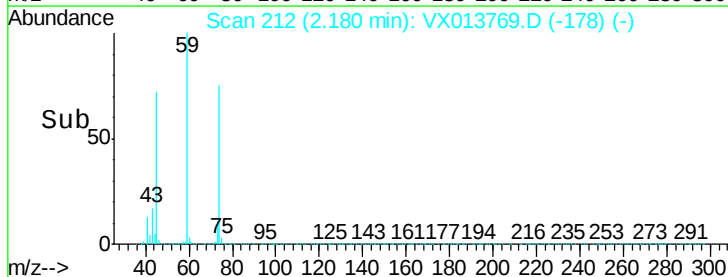
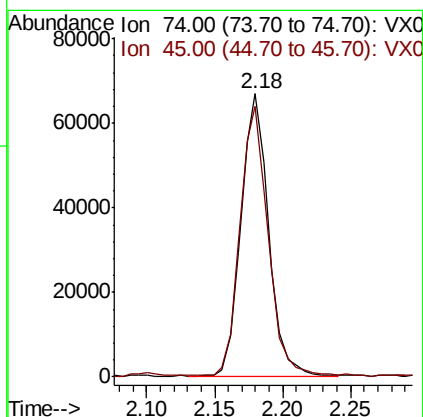
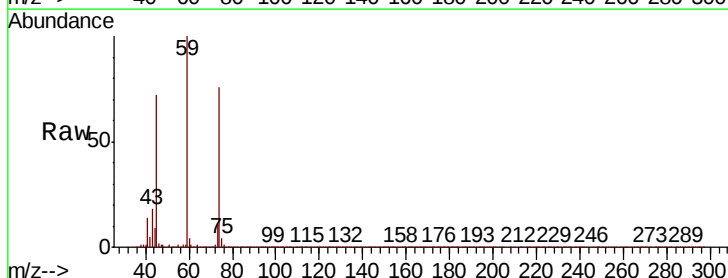
apatel
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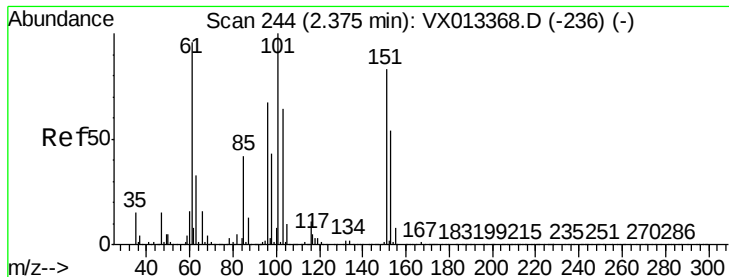


#8

Diethyl Ether
Concen: 19.431 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.067 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

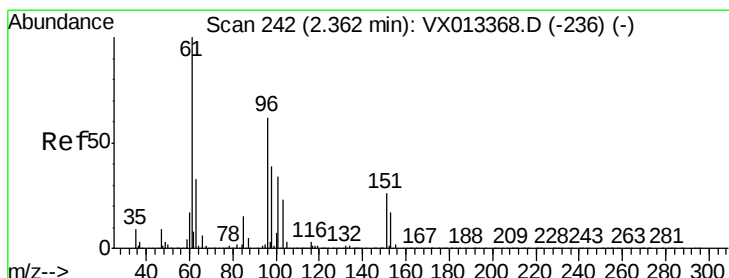
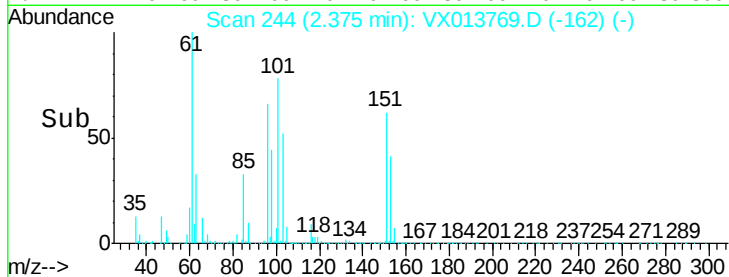
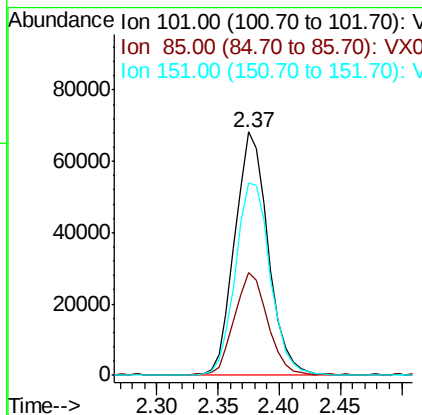
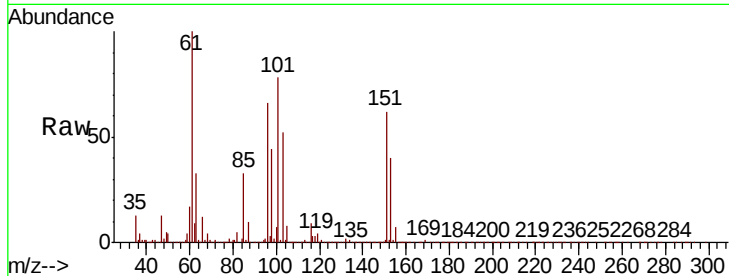
ClientSampleId :

VX1205WBS01

Tot Ion:	101	Resp:	128613
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	83.2
151	82.7	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.019 ug/l

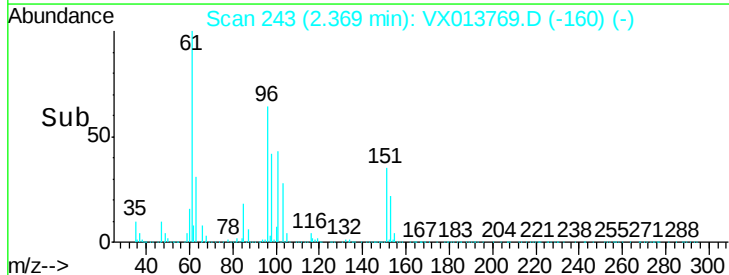
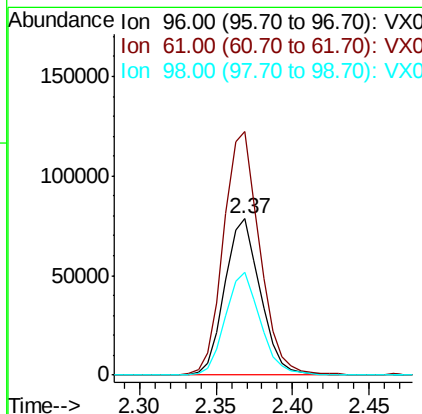
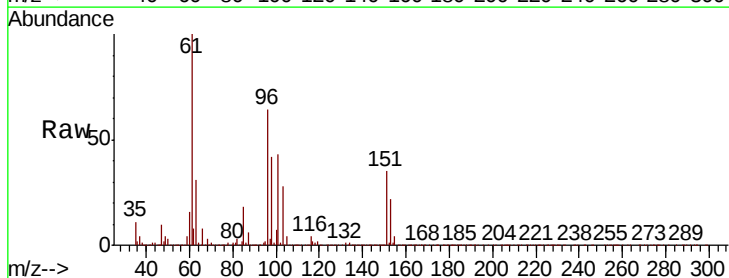
RT: 2.37 min Scan# 243

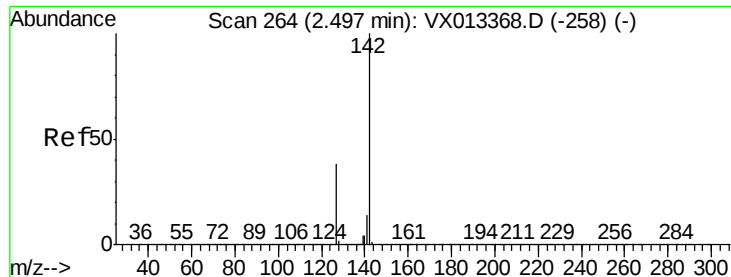
Delta R.T. 0.01 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	96	Resp:	125264
Ion Ratio	Lower	Upper	
96	100		
61	155.5	128.9	193.3
98	65.7	49.7	74.5





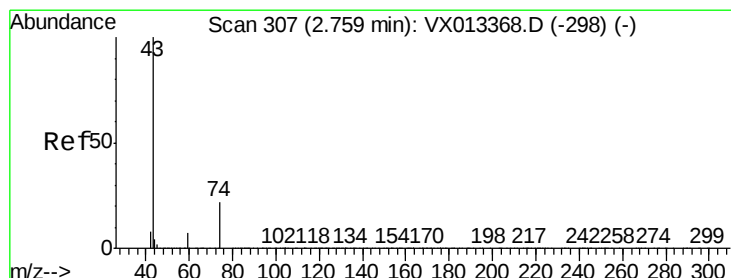
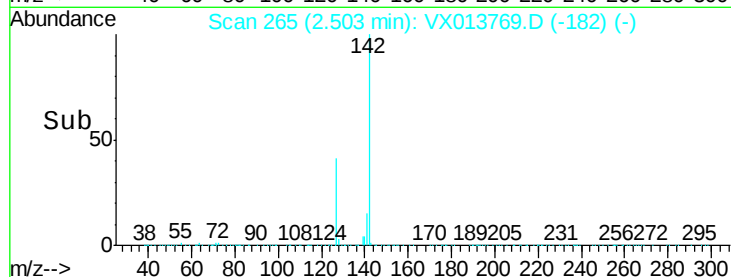
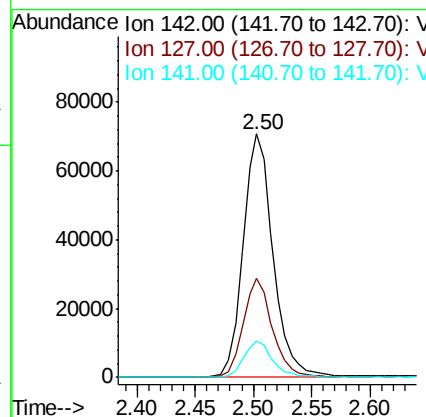
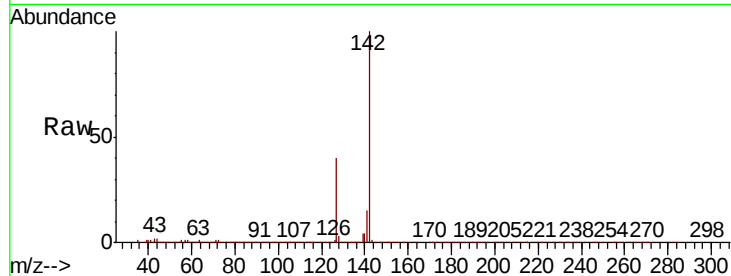
#11
Methyl Iodide
Concen: 15.574 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.3	19.1	57.5
141	15.0	7.0	21.0

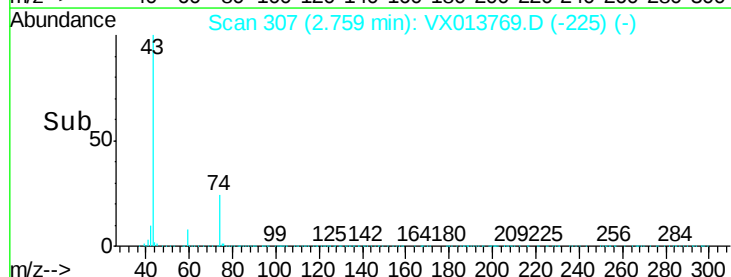
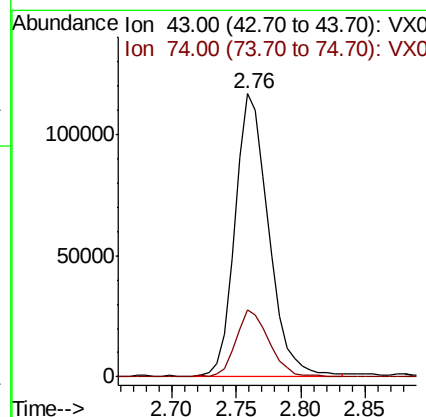
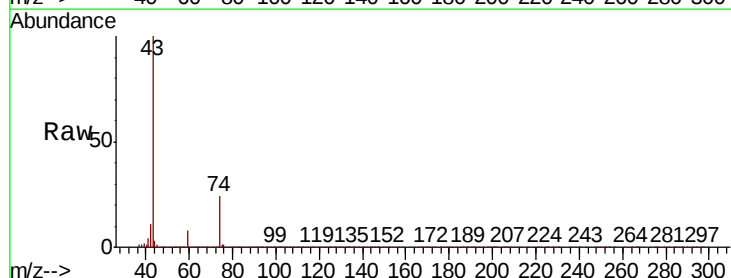
Manual Integrations
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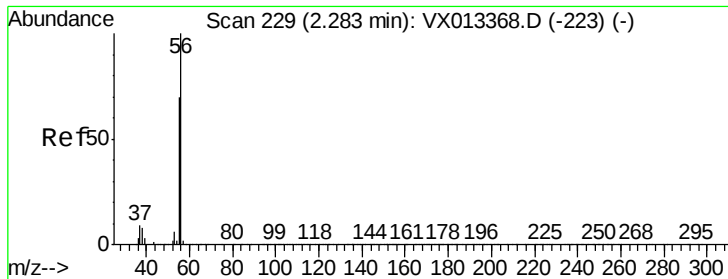
apatel
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#12
Methyl Acetate
Concen: 18.197 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.0	27.0





#13

Acrolein

Concen: 77.556 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 56 Resp: 95076

Ion Ratio Lower Upper

56 100

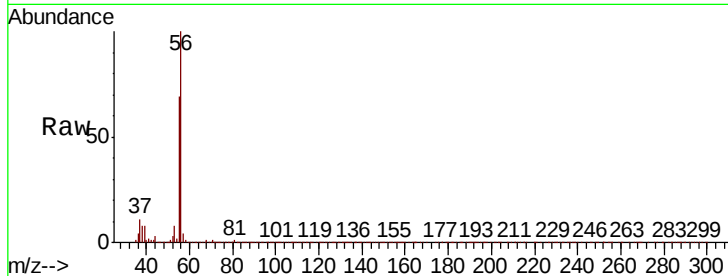
55 69.2 55.8 83.8

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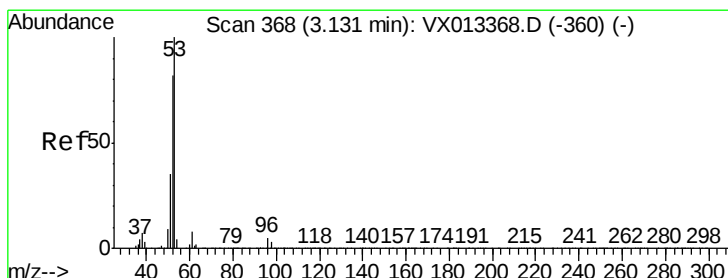
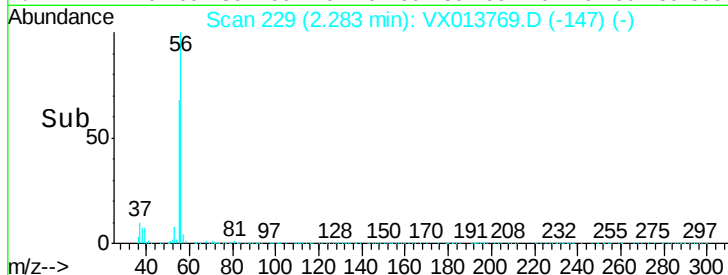
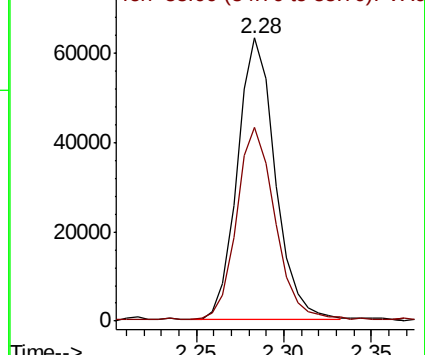
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 86.378 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

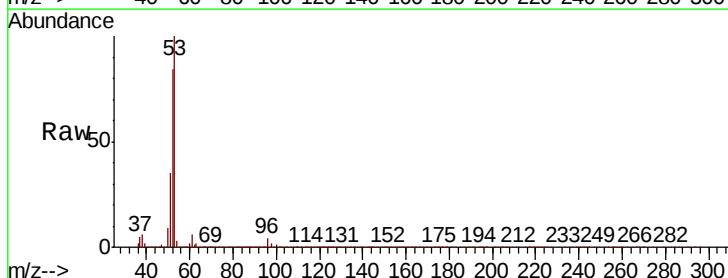
Tgt Ion: 53 Resp: 366576

Ion Ratio Lower Upper

53 100

52 84.1 41.0 123.0

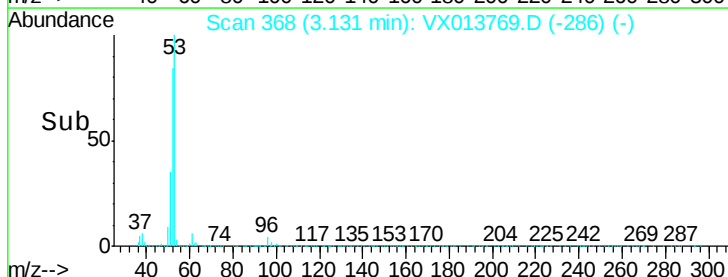
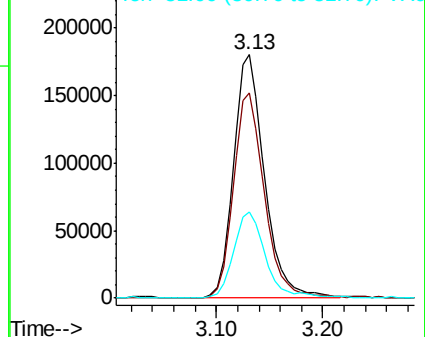
51 36.0 17.3 51.9

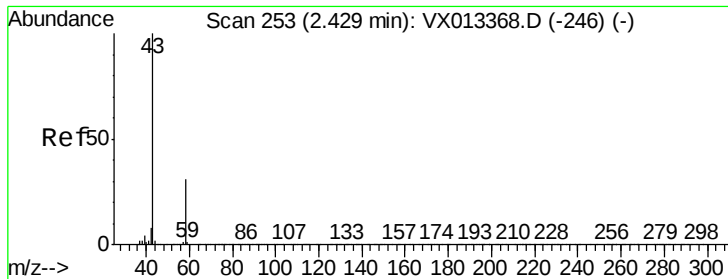


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 90.493 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 58 Resp: 116313

Ion Ratio Lower Upper

58 100

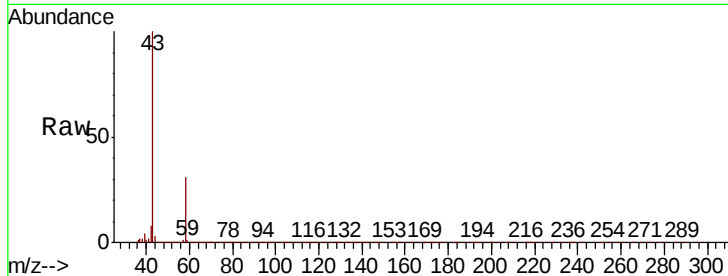
43 321.1 261.4 392.2

Manual Integrations

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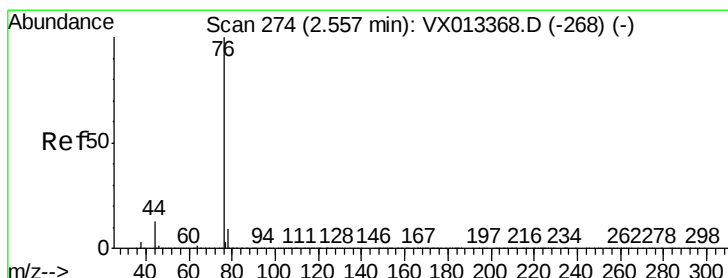
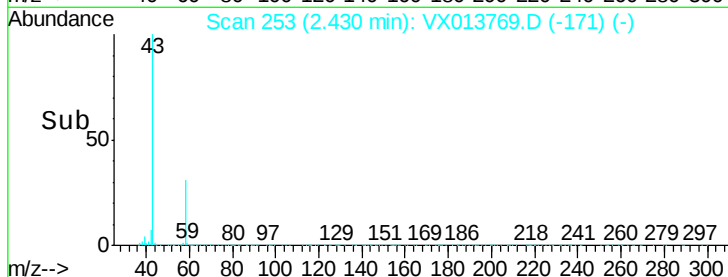
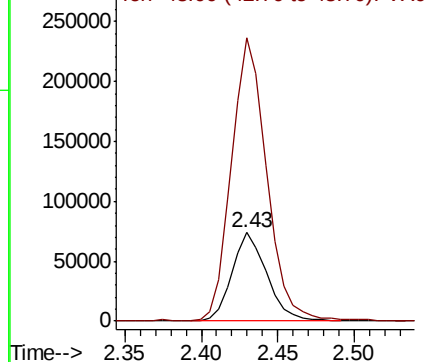
apatel

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.356 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013769.D

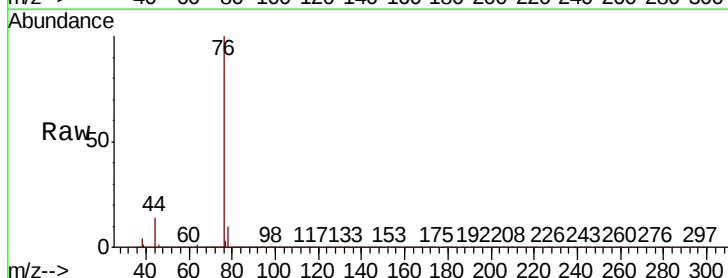
Acq: 05 Dec 2019 12:07

Tgt Ion: 76 Resp: 337201

Ion Ratio Lower Upper

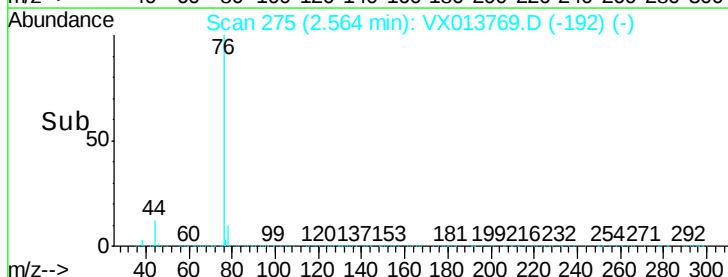
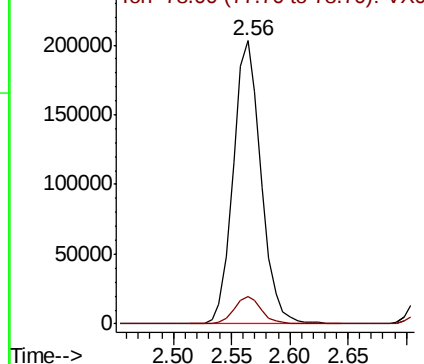
76 100

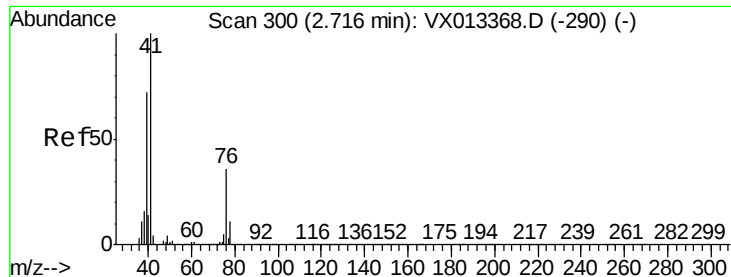
78 9.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





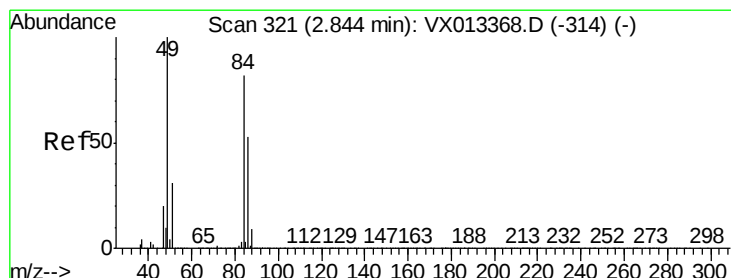
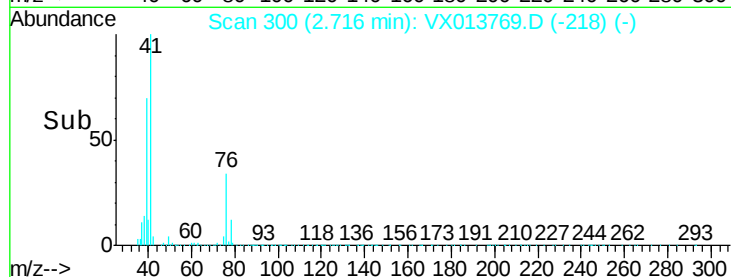
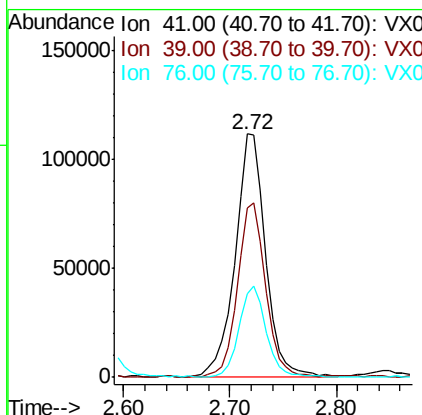
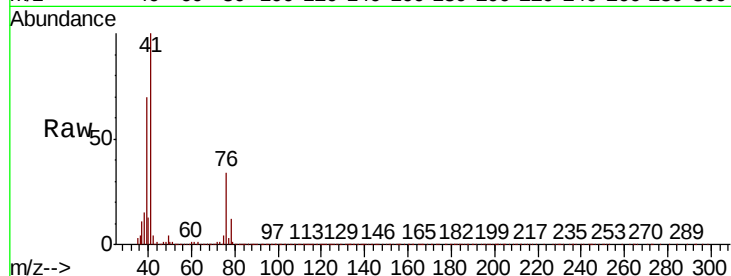
#17
Allvl chloride
Concen: 18.346 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	222512		
39	69.6	36.1	108.3	
76	33.8	18.1	54.4	

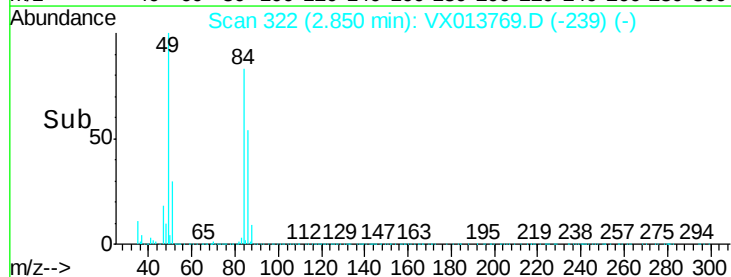
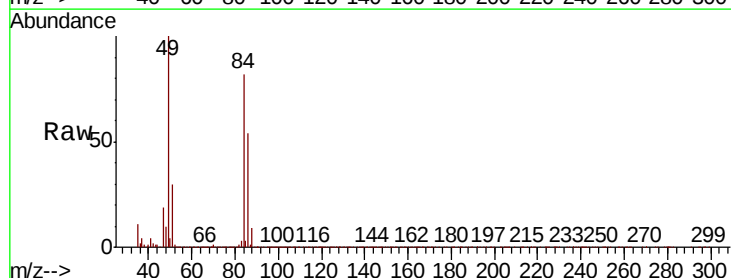
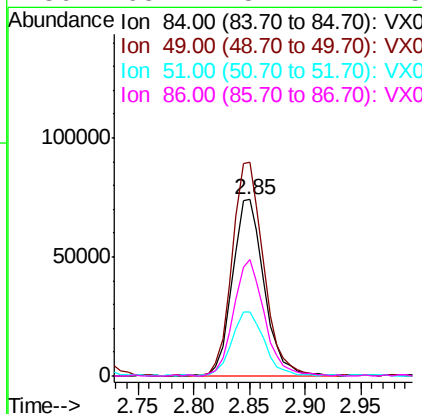
Manual Integrations
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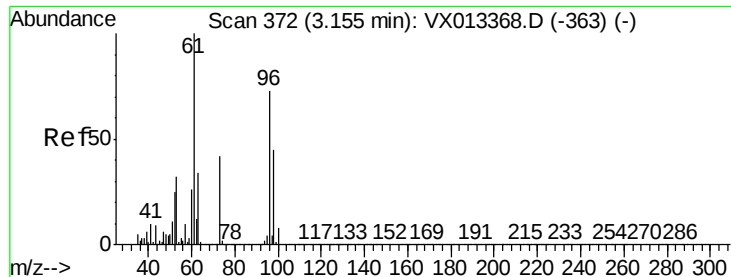
apatel
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#18
Methylene Chloride
Concen: 19.623 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	146634		
49	120.8	96.8	145.2	
51	35.7	30.0	45.0	
86	65.4	51.7	77.5	





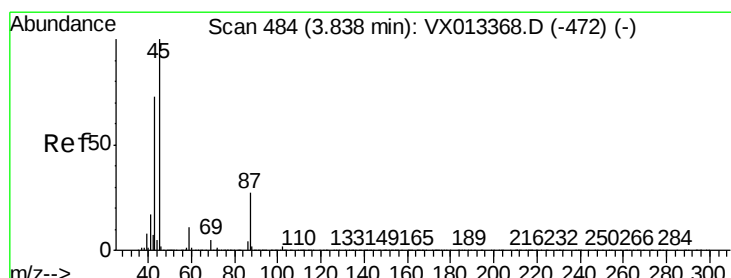
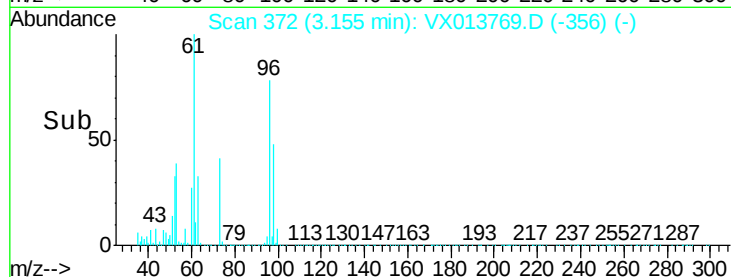
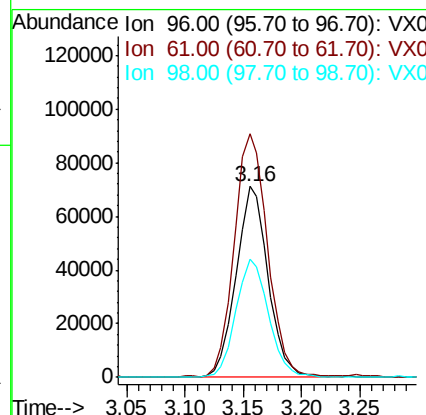
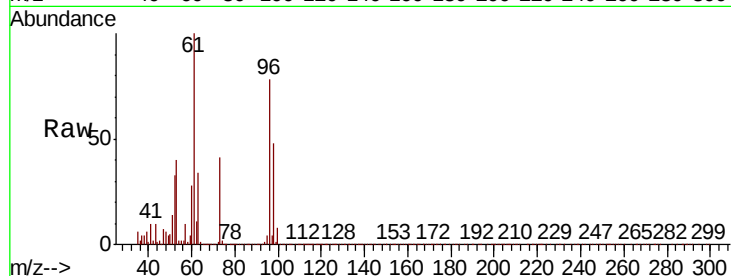
#19
trans-1,2-Dichloroethene
Concen: 19.359 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	109.9	164.9
98	61.7	49.7	74.5

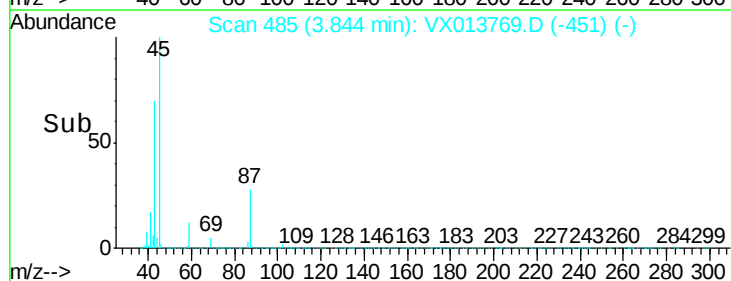
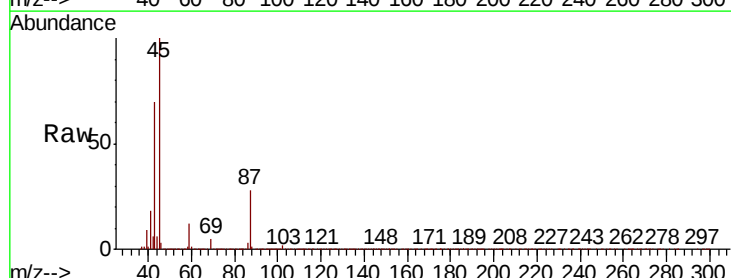
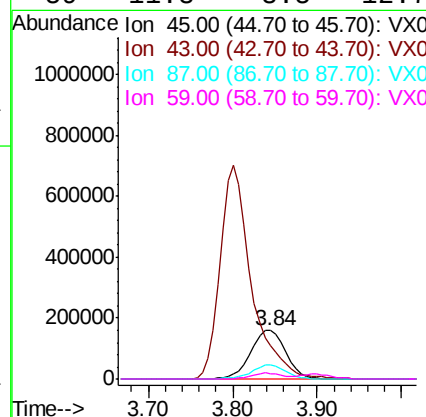
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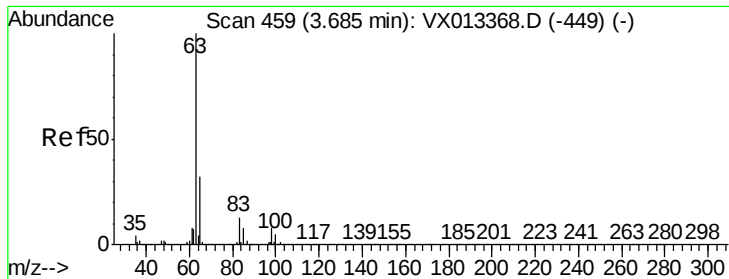
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#20
Diisopropyl ether
Concen: 19.312 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.7	67.7	101.5
87	28.2	21.5	32.3
59	11.8	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.103 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

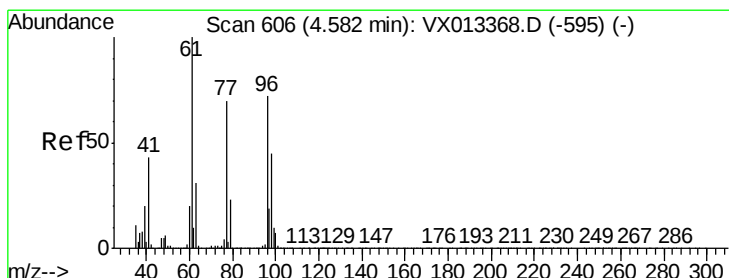
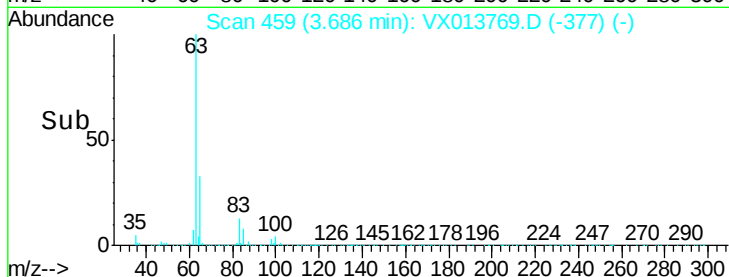
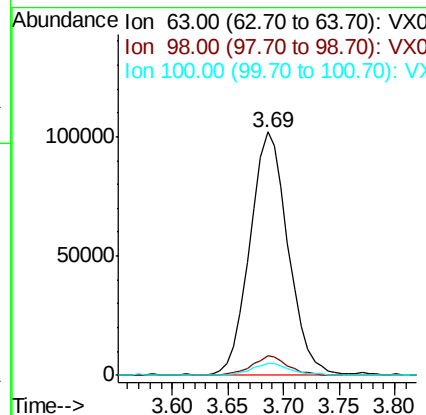
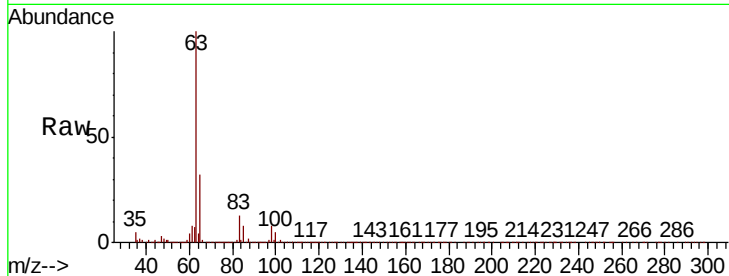
ClientSampled :

VX1205WBS01

Tot Ion:	63	Resp:	242792
Ion Ratio	Lower	Upper	
63	100		
98	8.0	4.0	11.9
100	4.5	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 19.270 ug/l

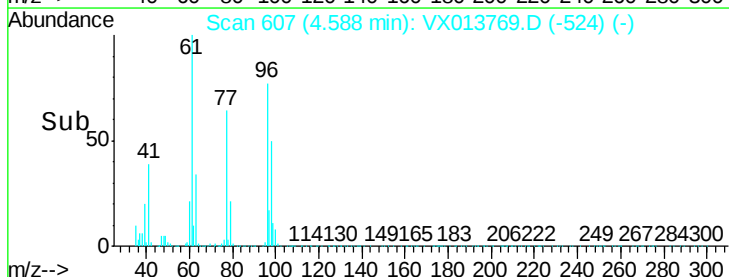
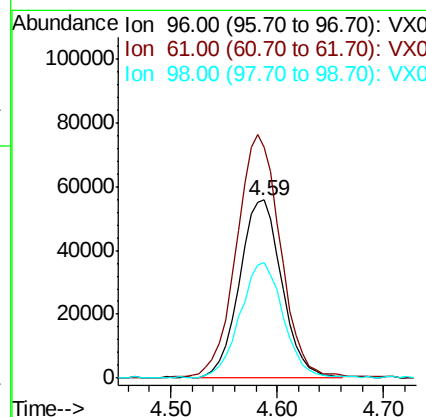
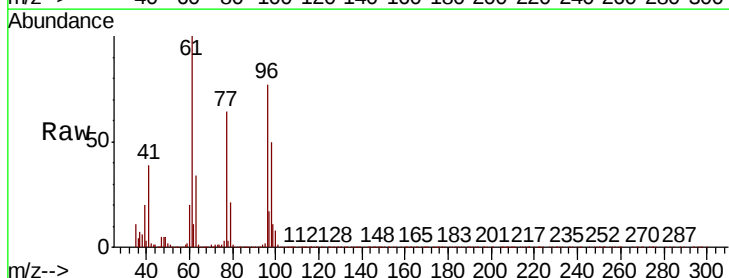
RT: 4.59 min Scan# 607

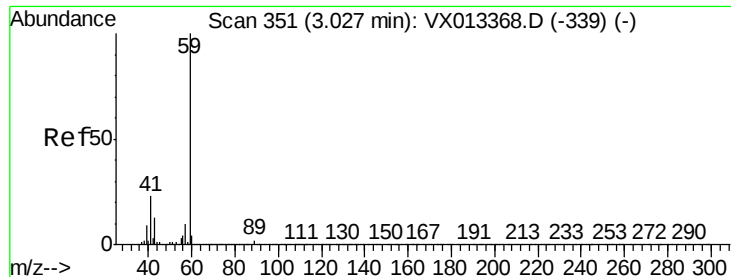
Delta R.T. 0.01 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	96	Resp:	154643
Ion Ratio	Lower	Upper	
96	100		
61	141.9	117.0	175.6
98	65.6	51.1	76.7





#23

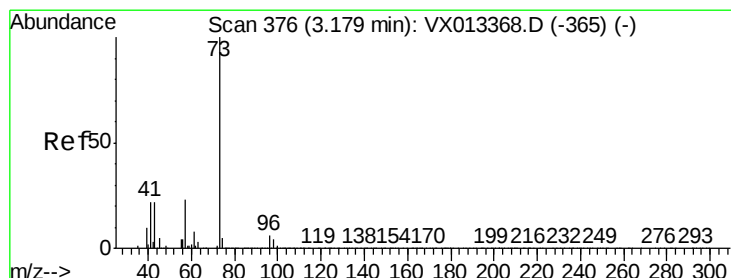
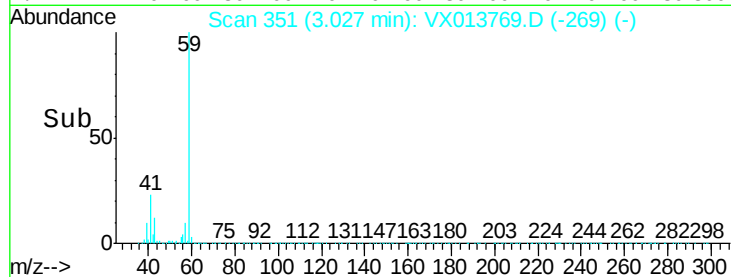
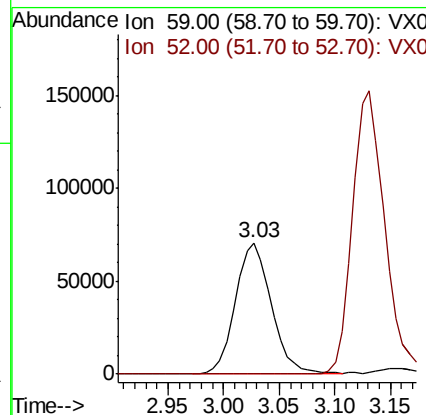
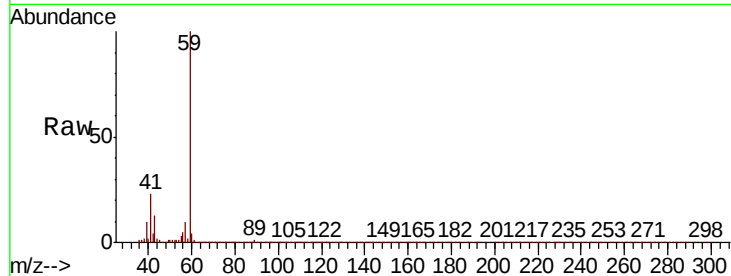
tert-Butyl Alcohol
 Concen: 76.988 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

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

Manual Integrations
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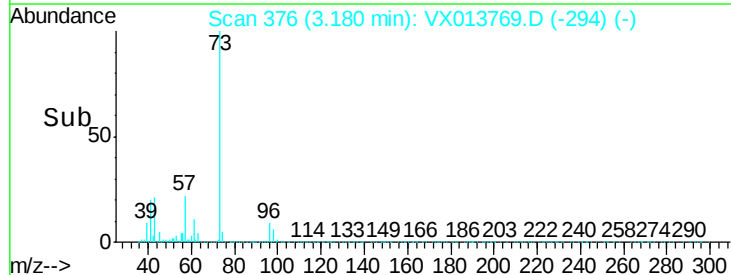
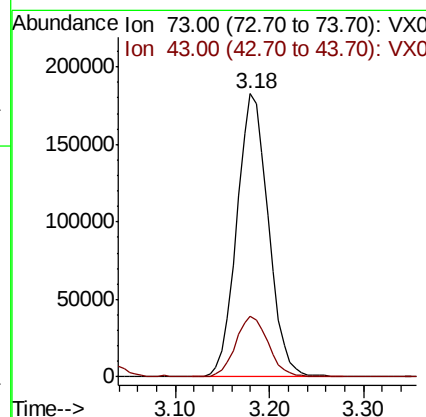
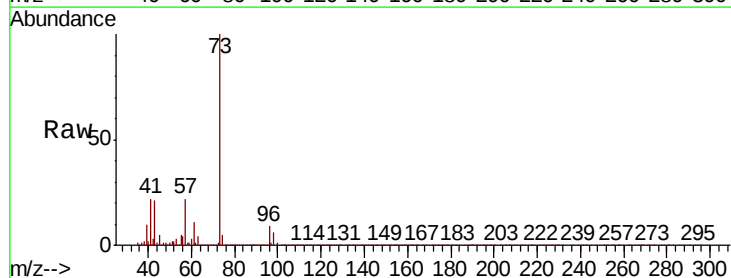
apatel
 12/6/2019 9:36:02 AM

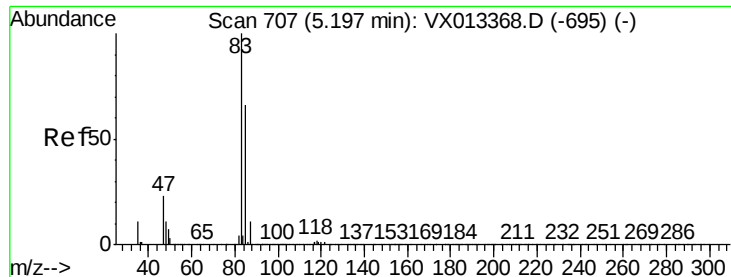


#24

Methyl tert-Butyl Ether
 Concen: 19.560 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.0	25.6





#25

Chloroform

Concen: 19.195 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 83 Resp: 238792

Ion Ratio Lower Upper

83 100

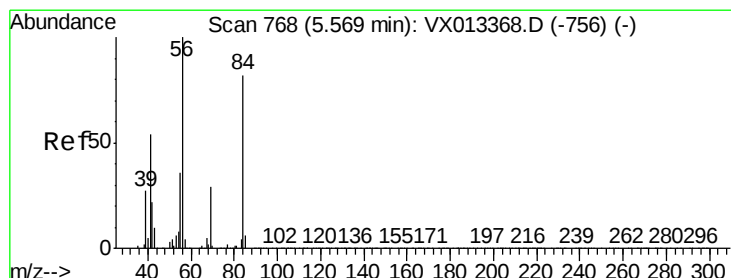
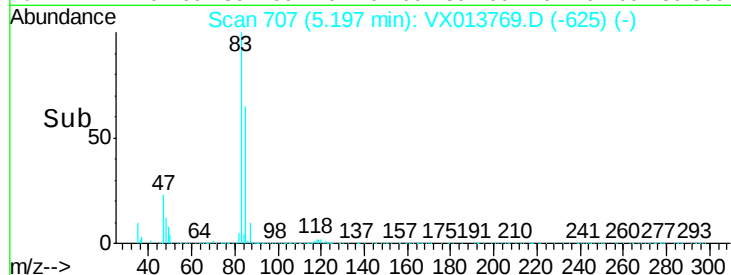
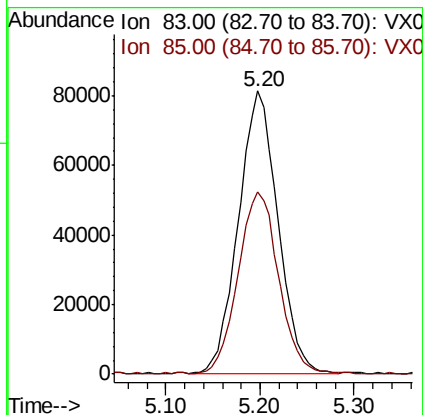
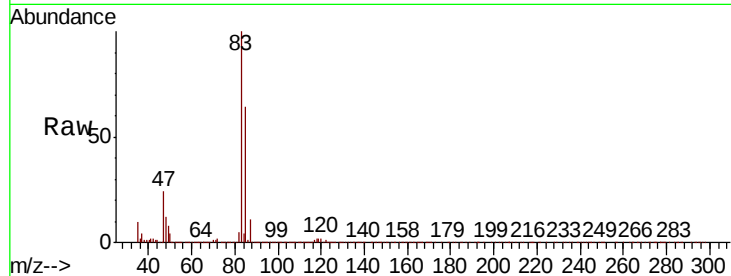
85 64.3 52.4 78.6

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#26

Cyclohexane

Concen: 18.821 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

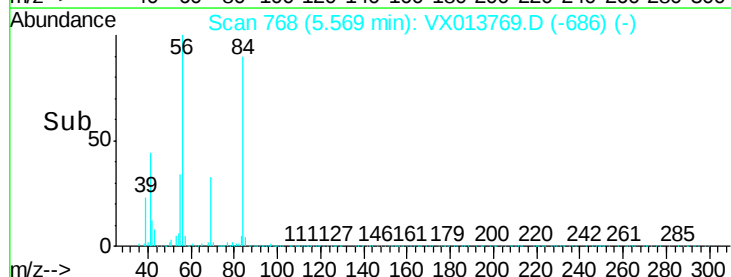
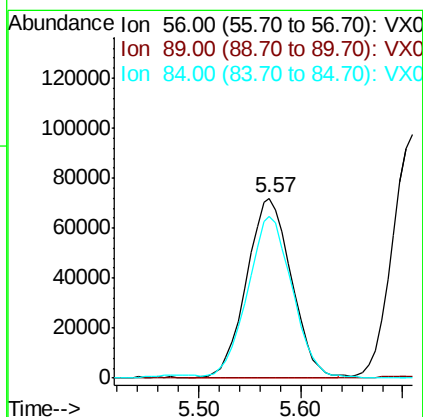
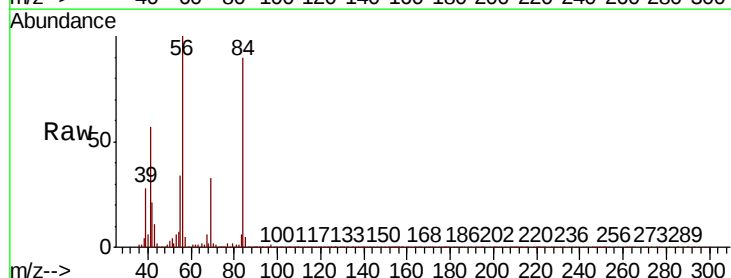
Tgt Ion: 56 Resp: 217227

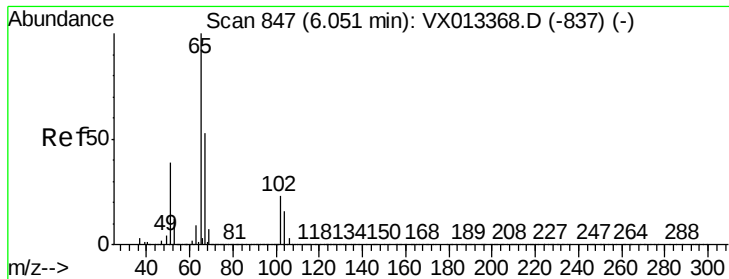
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 89.9 70.5 105.7





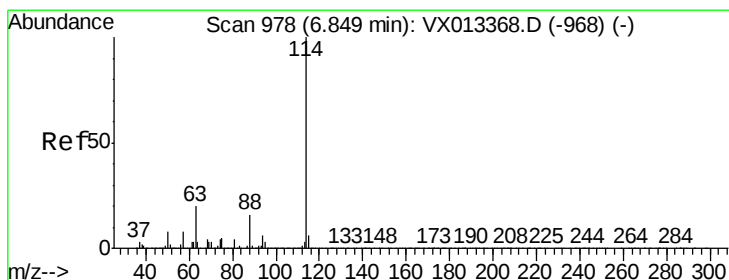
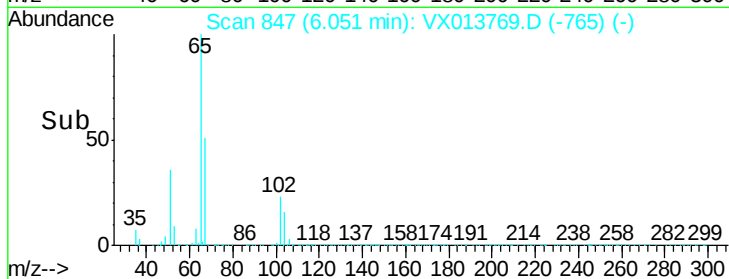
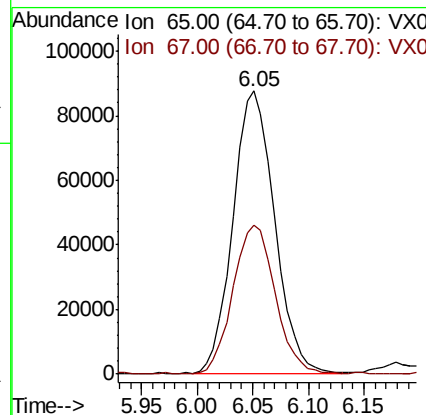
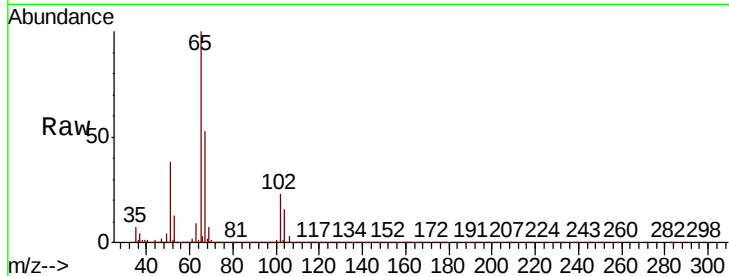
#27
 1,2-Dichloroethane-d4
 Concen: 28.815 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.0	61.6

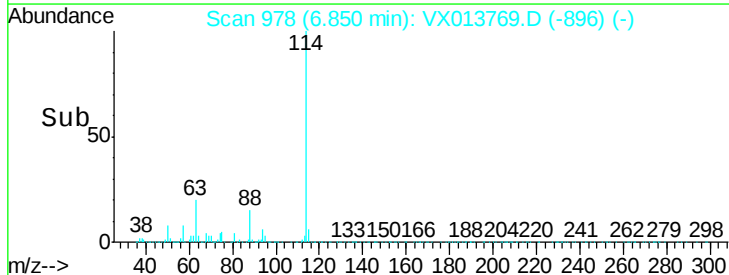
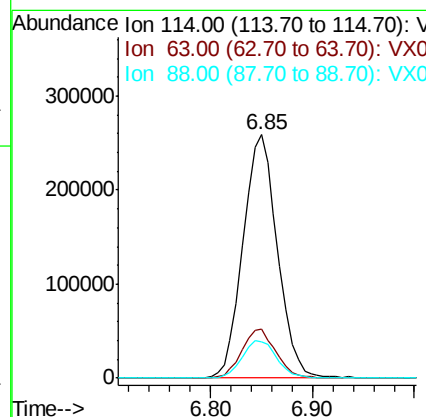
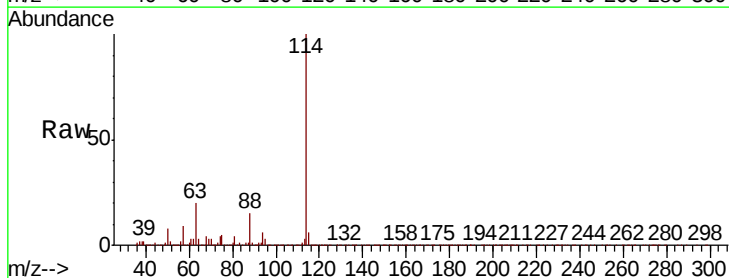
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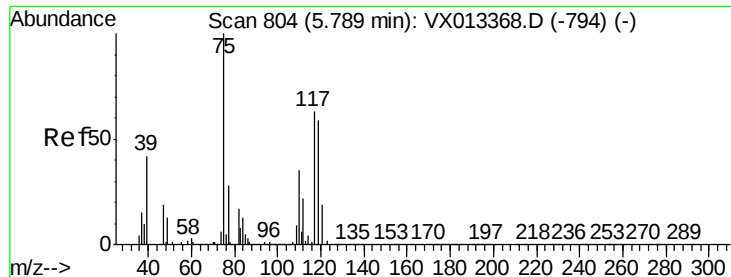
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	15.5	12.3	18.5





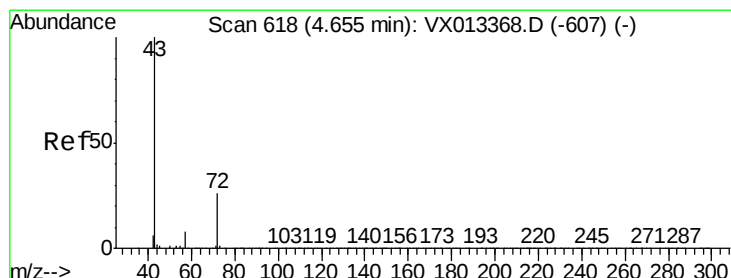
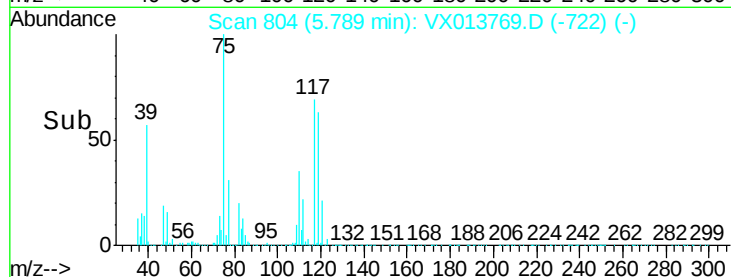
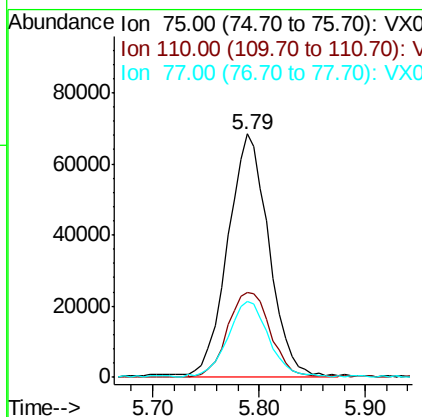
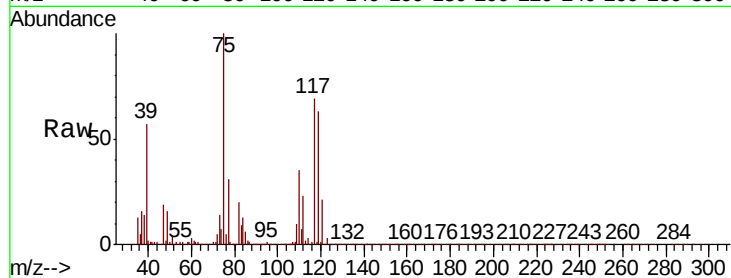
#29
 1,1-Dichloropropene
 Concen: 19.926 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.7	0.0	74.6
77	30.6	0.0	62.6

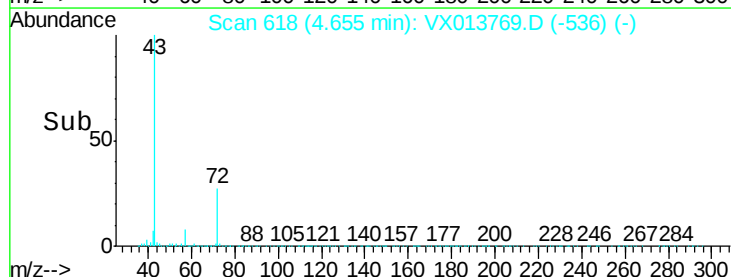
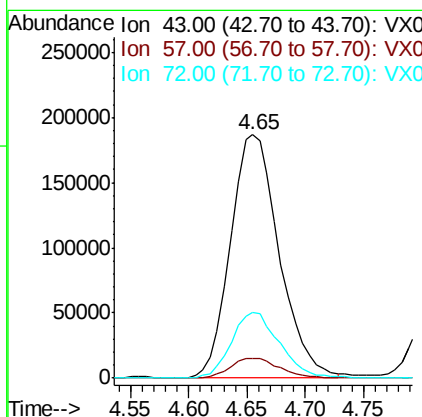
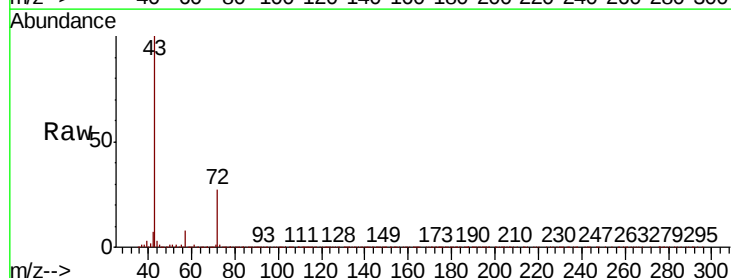
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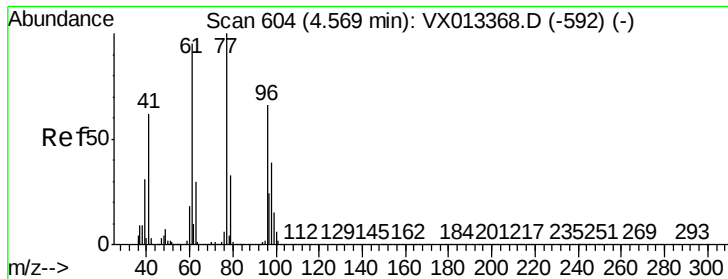
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#30
 2-Butanone
 Concen: 88.104 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.1	9.1
72	26.1	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.925 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 77 Resp: 199268

Ion Ratio Lower Upper

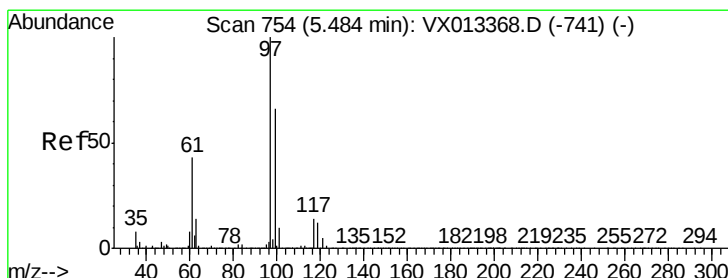
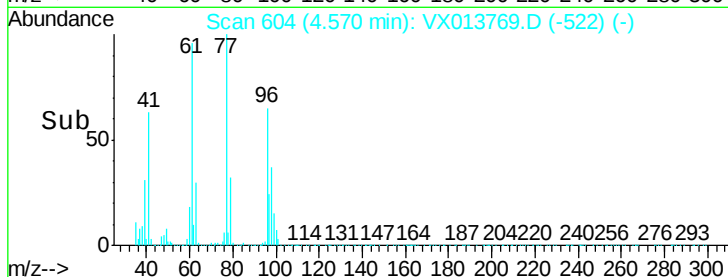
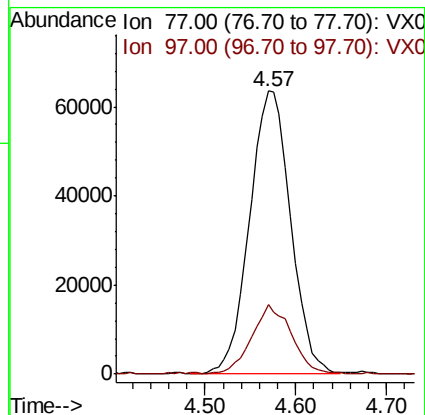
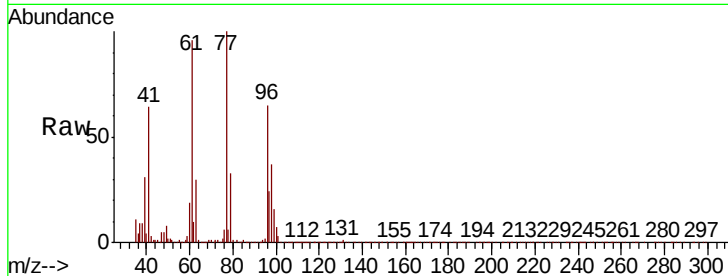
77 100

97 23.8 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 19.883 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

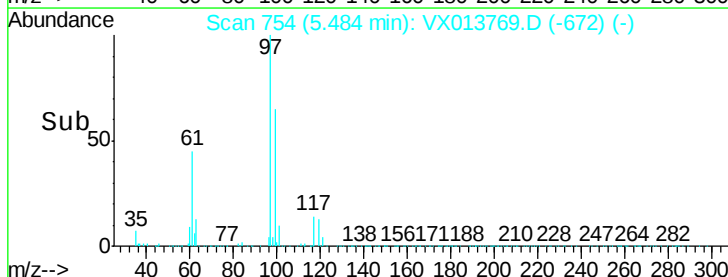
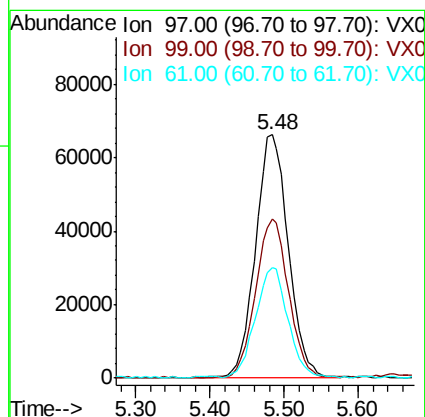
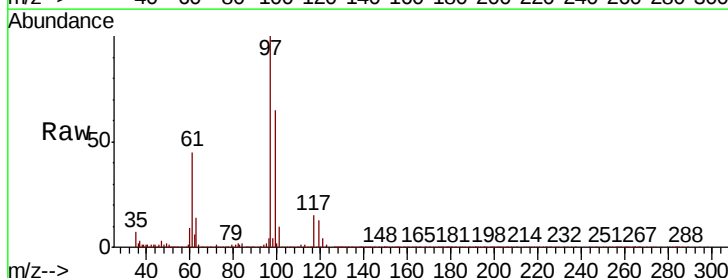
Tgt Ion: 97 Resp: 204084

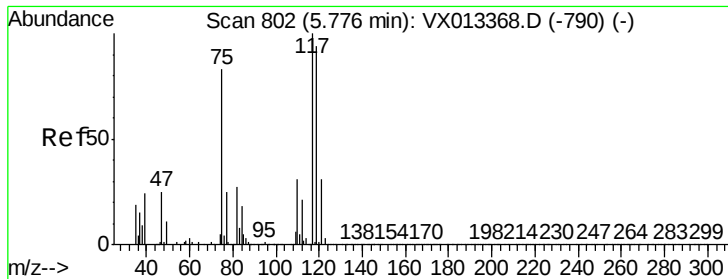
Ion Ratio Lower Upper

97 100

99 64.5 52.5 78.7

61 44.6 36.1 54.1





#33

Carbon Tetrachloride

Concen: 19.574 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

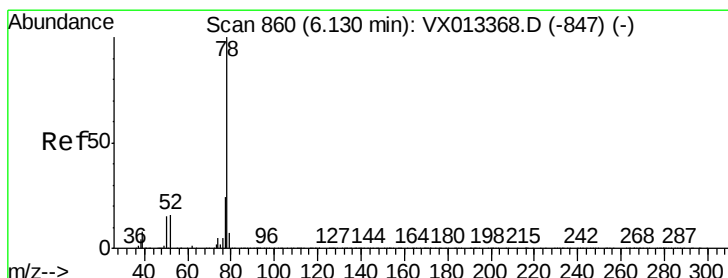
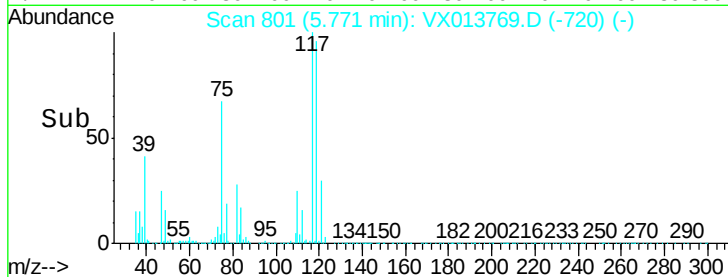
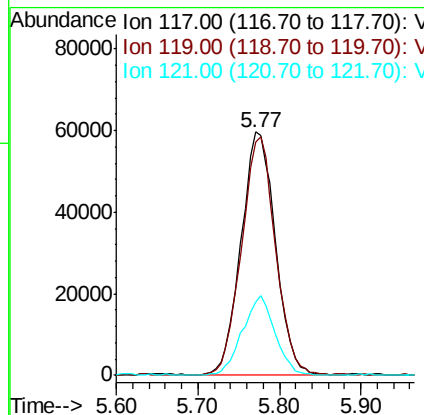
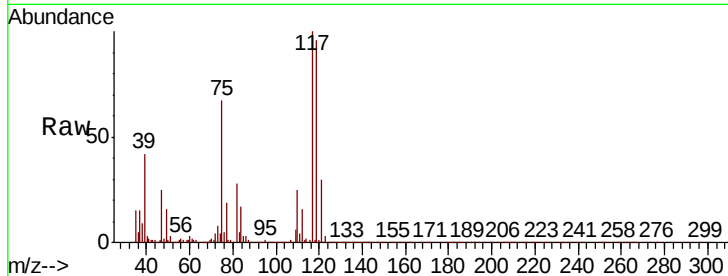
ClientSampleId :

VX1205WBS01

Tot Ion:	117	Resp:	174509
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.0	112.6
121	29.9	24.9	37.3

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#34

Benzene

Concen: 19.959 ug/l

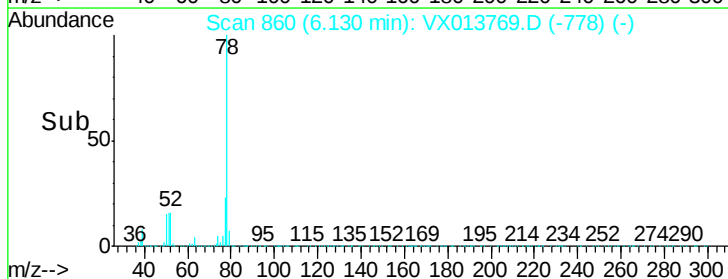
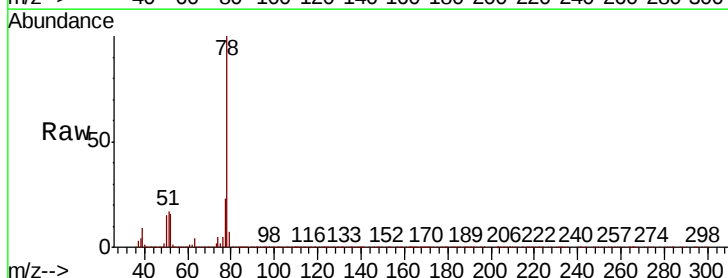
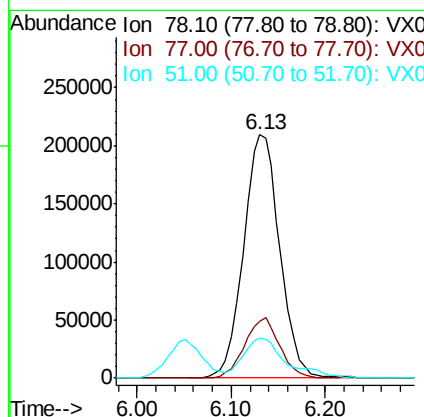
RT: 6.13 min Scan# 860

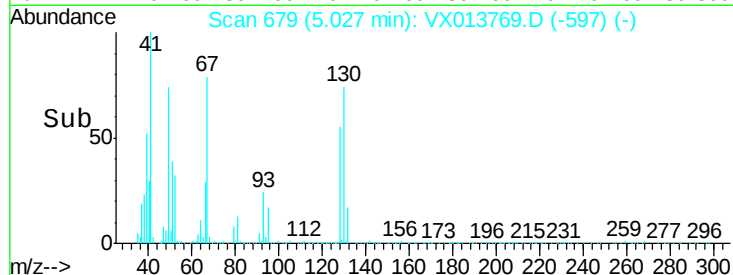
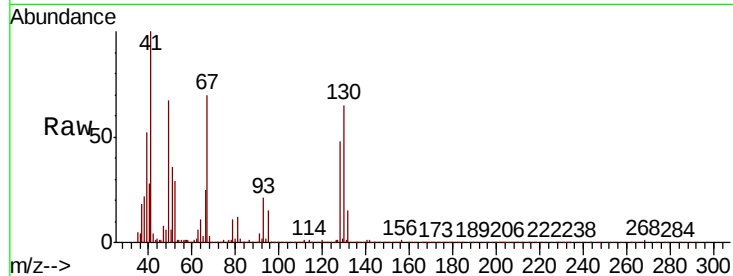
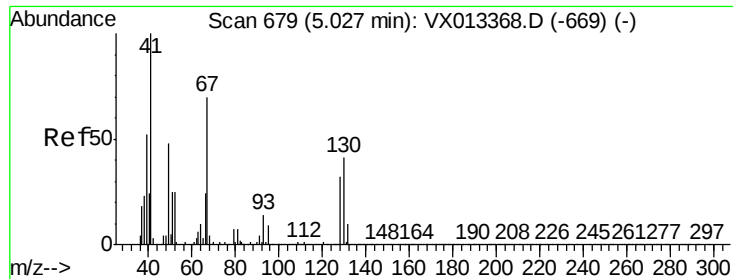
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

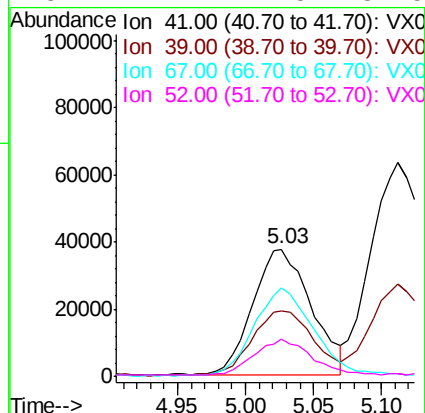
Tgt Ion:	78	Resp:	559041
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.3	28.9
51	15.8	12.2	18.4





#35
Methacrylonitrile
Concen: 18.488 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

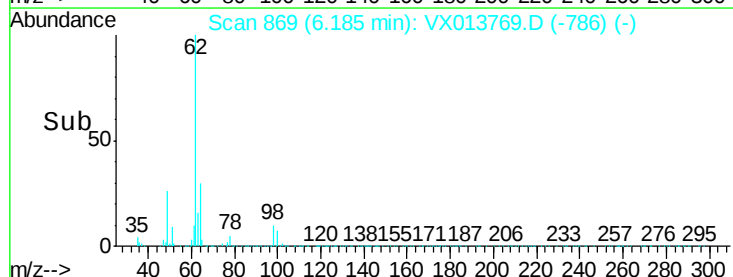
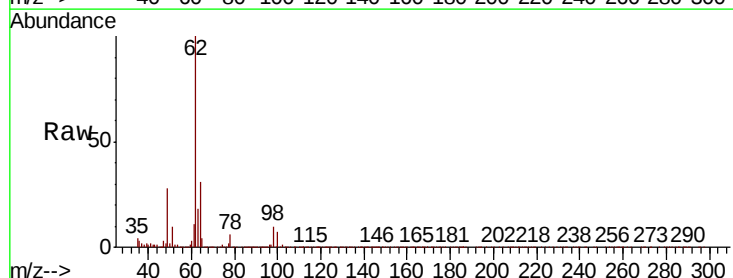
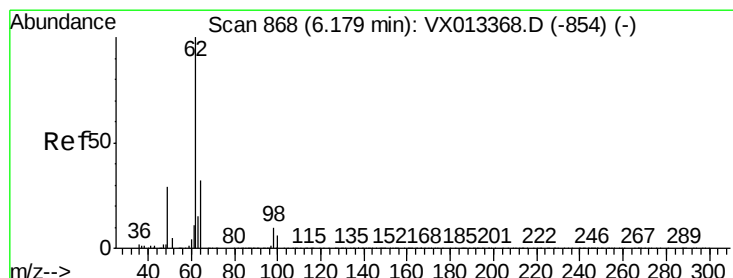
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	25.9	77.8	
67	69.3	35.1	105.5	
52	27.7	12.5	37.5	



Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

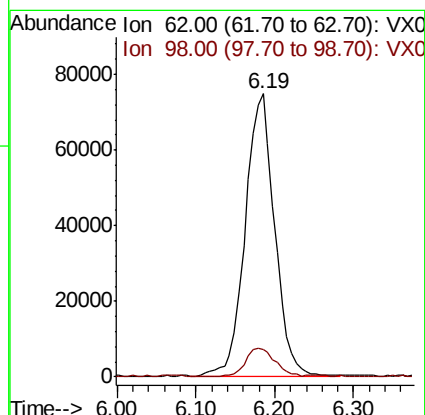
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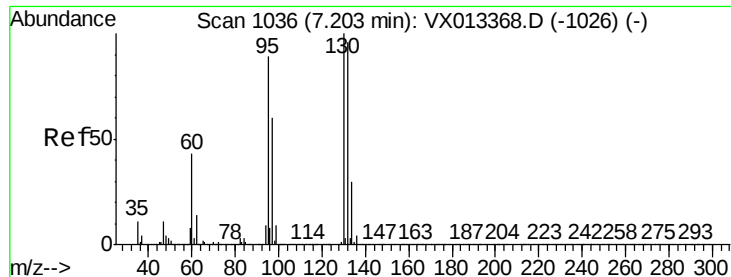
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#36
1,2-Dichloroethane
Concen: 19.674 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.2	12.2	





#37

Trichloroethene

Concen: 20.154 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

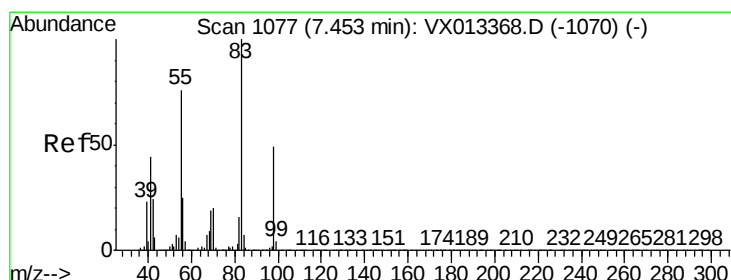
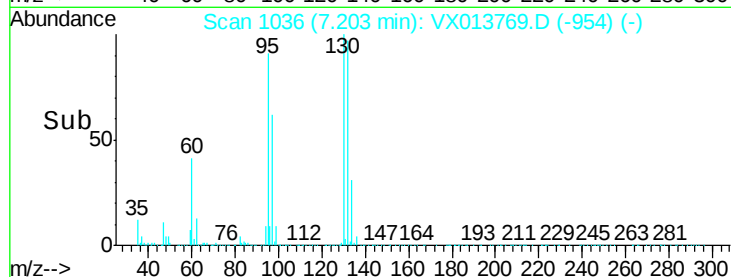
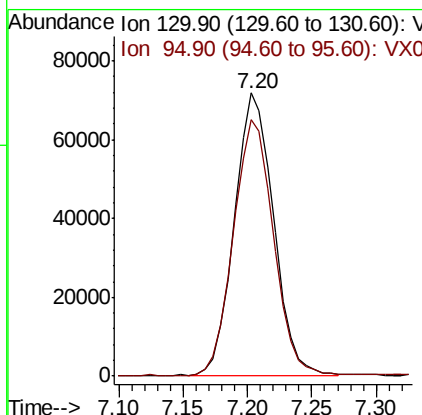
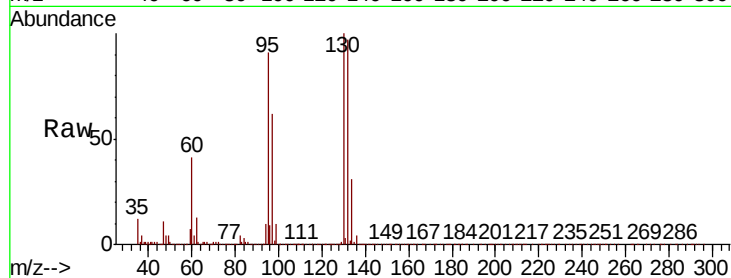
ClientSampleId :

VX1205WBS01

Tot Ion	Ratio	Lower	Upper
130	100		
95	90.7	71.3	106.9

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#38

Methylcyclohexane

Concen: 20.635 ug/l

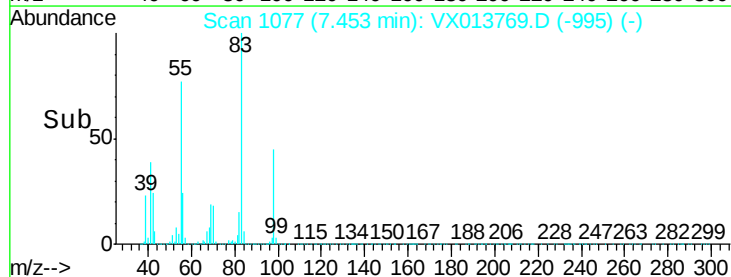
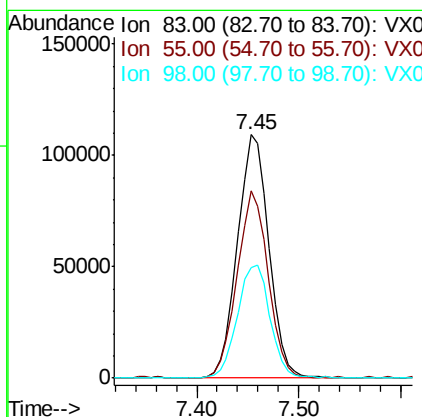
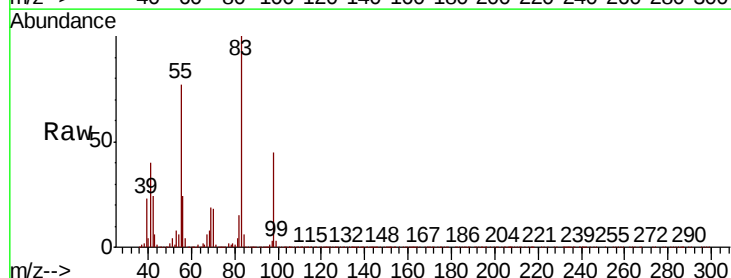
RT: 7.45 min Scan# 1077

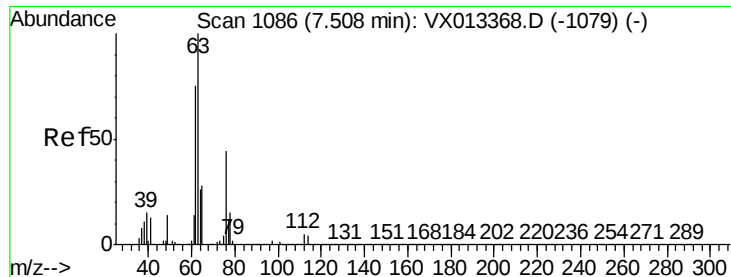
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	37.9	113.7
98	48.1	25.1	75.3





#39

1,2-Dichloropropane

Concen: 19.769 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 63 Resp: 143175

Ion Ratio Lower Upper

63 100

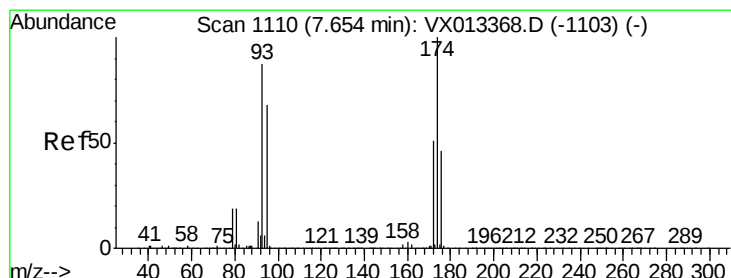
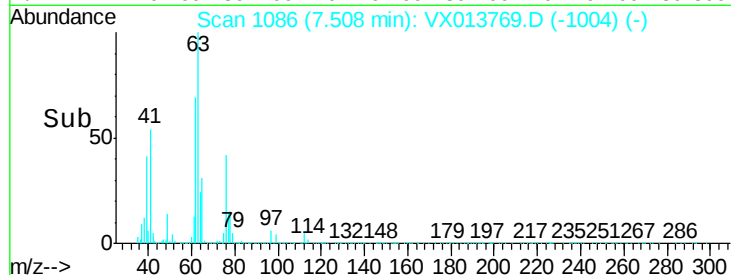
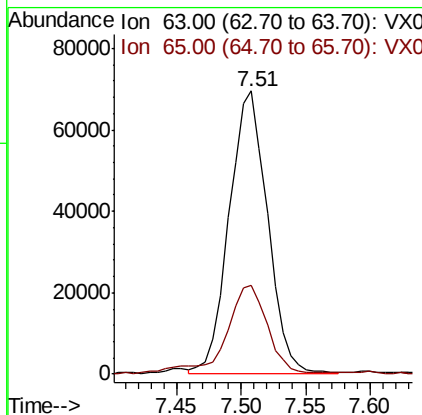
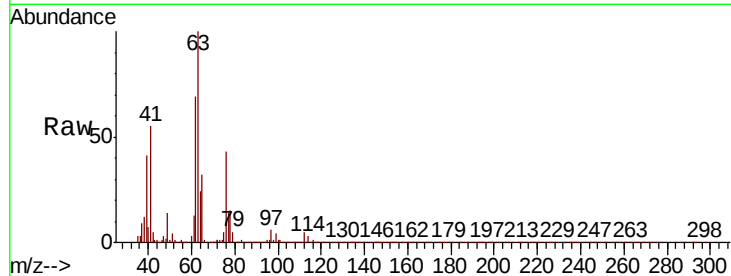
65 31.0 23.8 35.8

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#40

Dibromomethane

Concen: 19.363 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

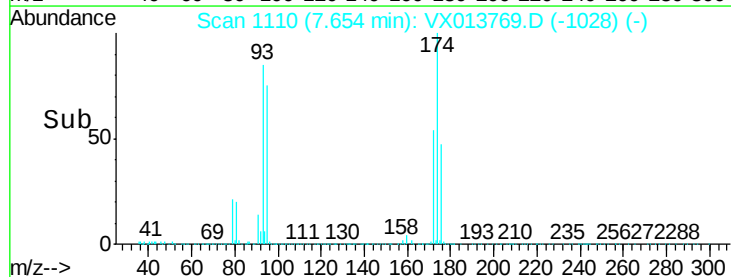
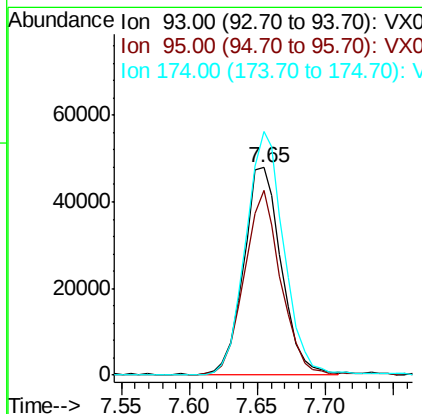
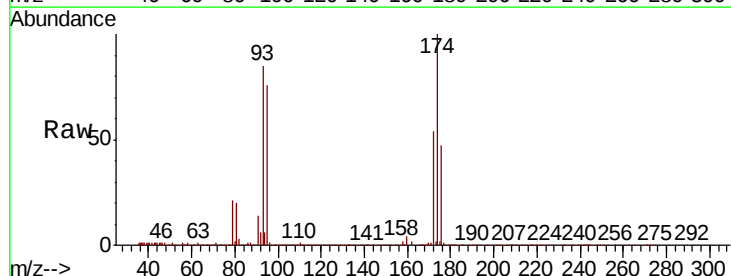
Tgt Ion: 93 Resp: 93327

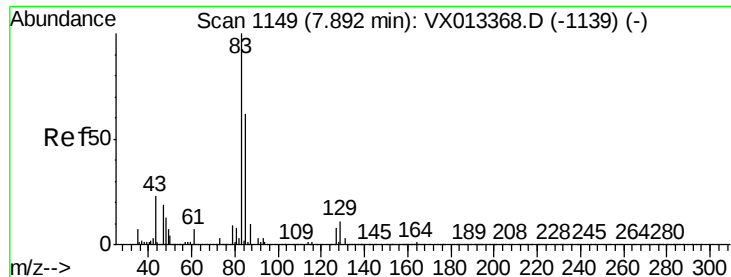
Ion Ratio Lower Upper

93 100

95 84.7 0.0 160.8

174 117.6 0.0 228.8





#41

Bromodichloromethane

Concen: 19.385 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

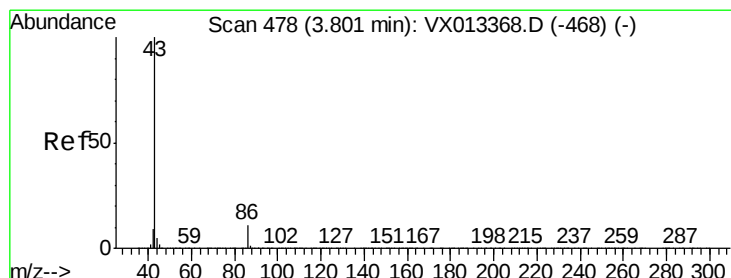
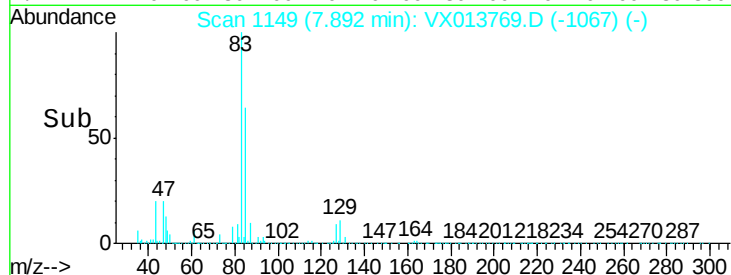
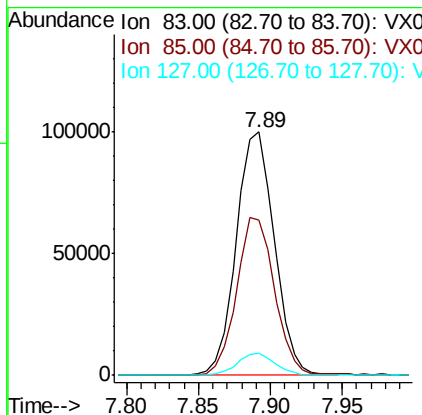
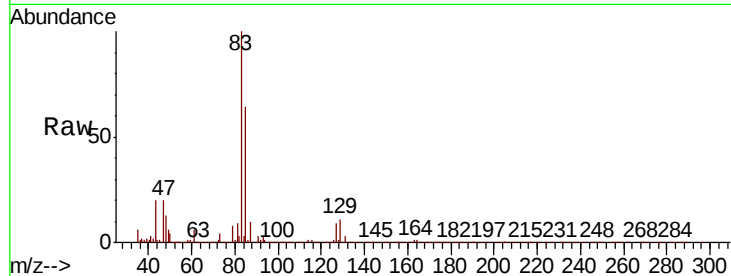
ClientSampled :

VX1205WBS01

Tot Ion:	83	Resp:	182396
Ion Ratio		Lower	Upper
83	100		
85	63.4	49.3	73.9
127	9.1	6.6	10.0

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#42

Vinyl Acetate

Concen: 94.015 ug/l

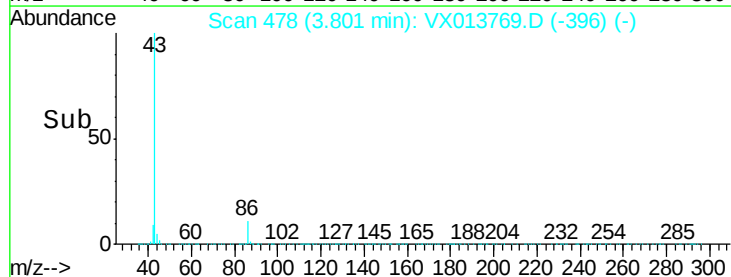
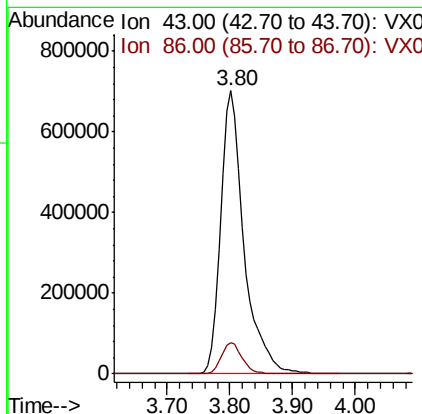
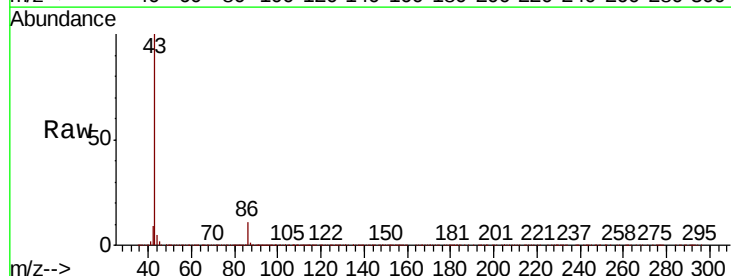
RT: 3.80 min Scan# 478

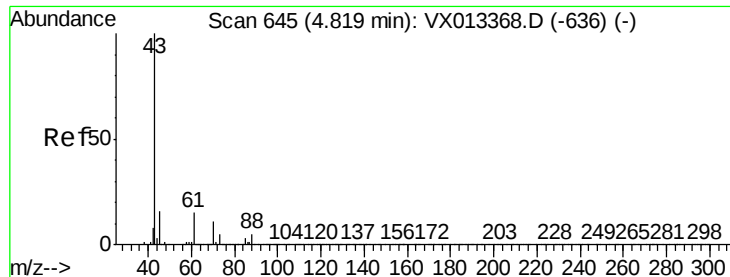
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	43	Resp:	1804172
Ion Ratio		Lower	Upper
43	100		
86	9.9	7.6	11.4





#43

Ethyl Acetate

Concen: 18.038 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 43 Resp: 200528

Ion Ratio Lower Upper

43 100

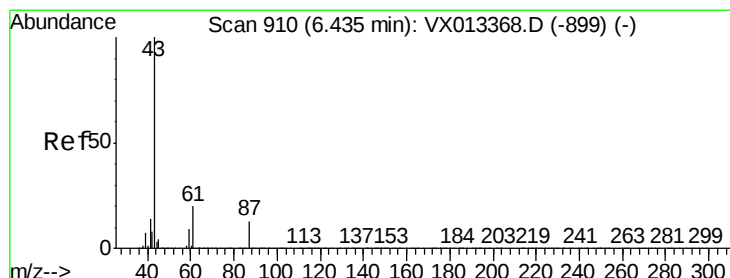
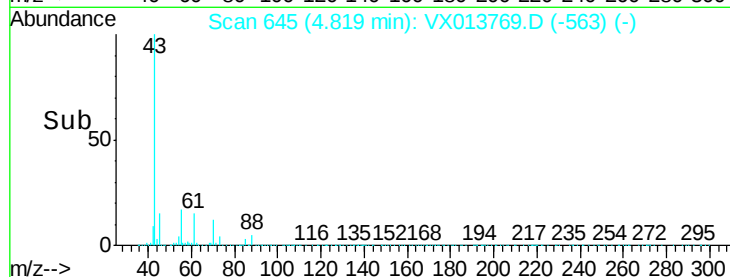
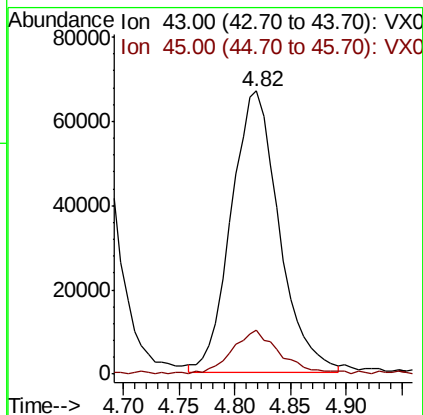
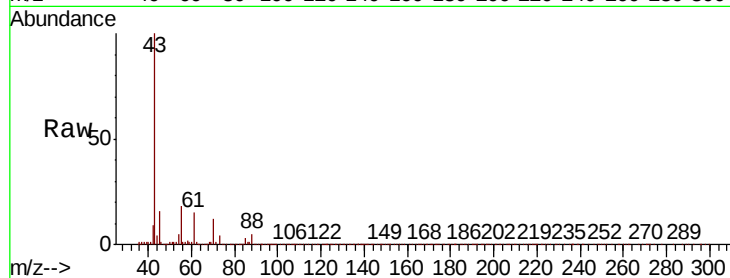
45 14.5 10.9 16.3

Manual Integrations

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#44

Isopropyl Acetate

Concen: 18.371 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013769.D

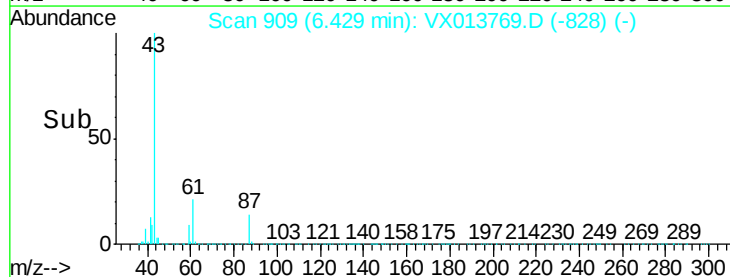
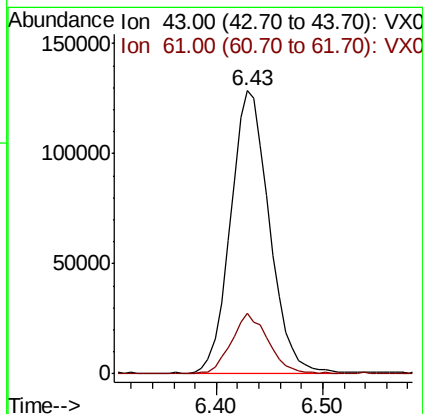
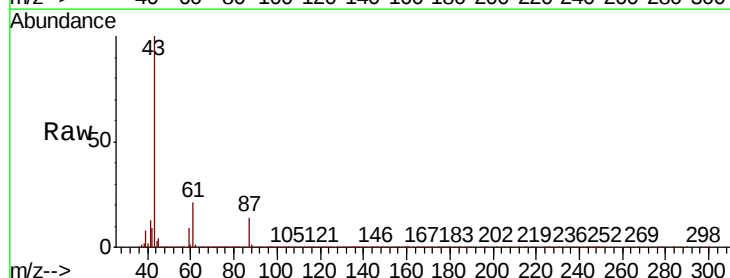
Acq: 05 Dec 2019 12:07

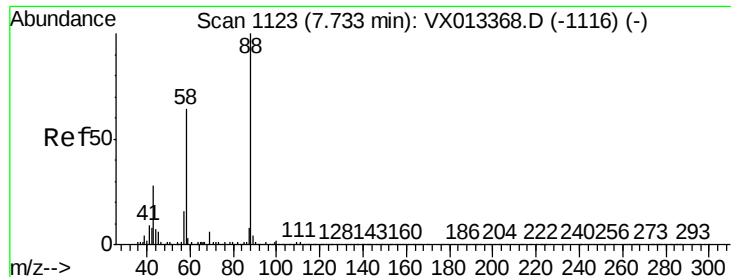
Tgt Ion: 43 Resp: 328296

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.8





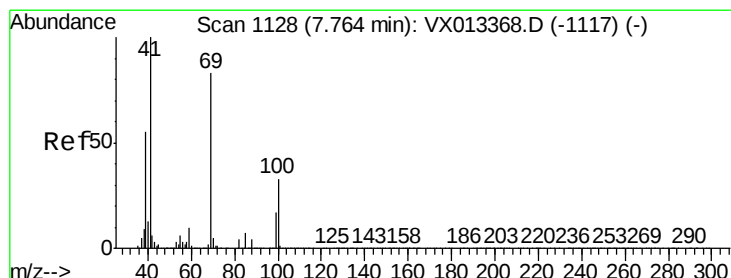
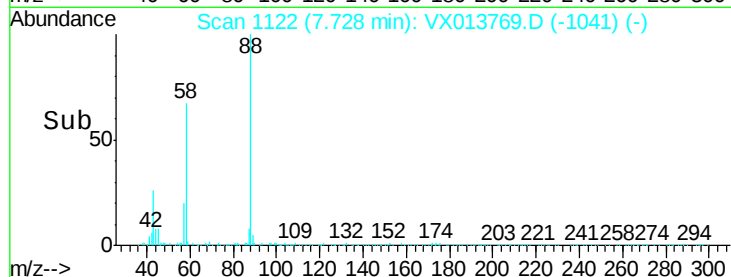
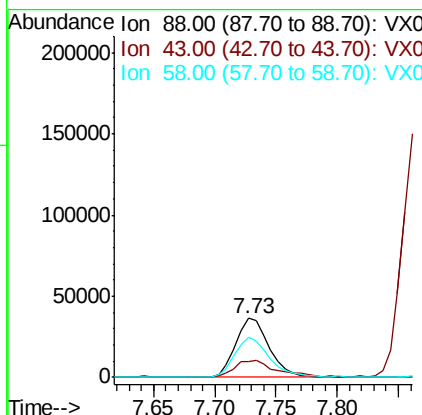
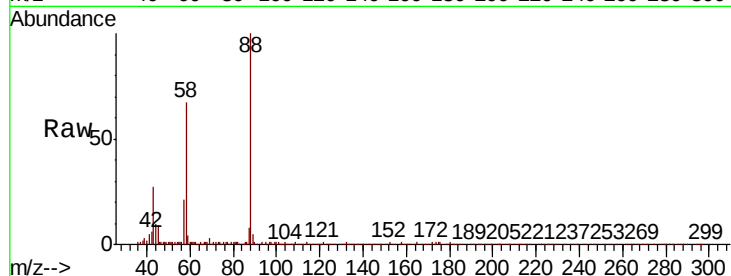
#45
1,4-Dioxane
Concen: 351.623 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion:	88	Resp:	69373
Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.1	39.1
58	68.8	55.8	83.8

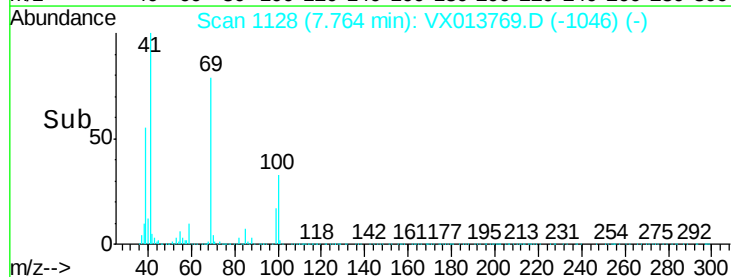
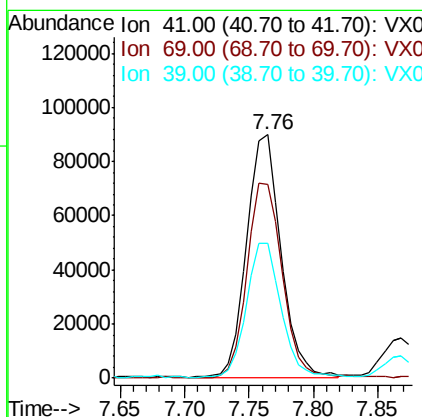
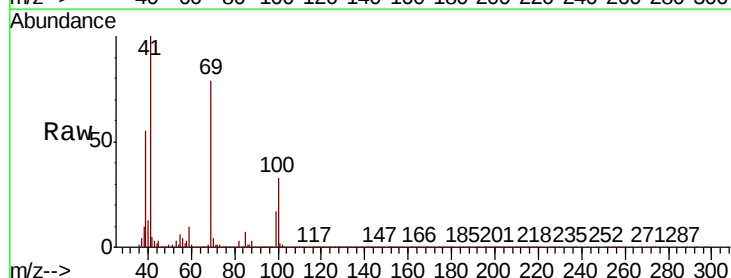
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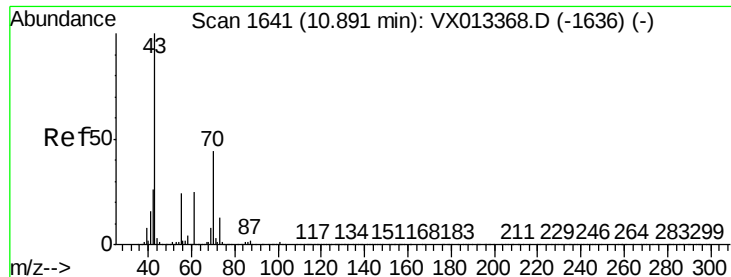
apatel
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#46
Methyl methacrylate
Concen: 18.573 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion:	41	Resp:	165099
Ion	Ratio	Lower	Upper
41	100		
69	79.3	41.4	124.4
39	55.1	27.9	83.6





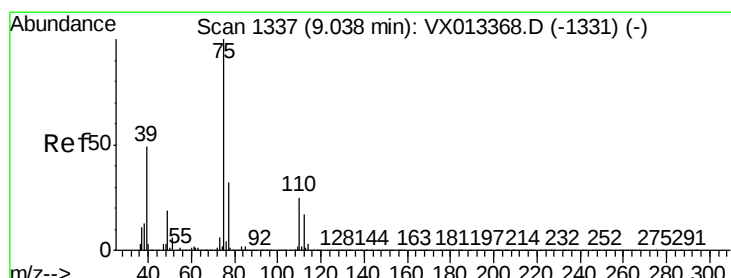
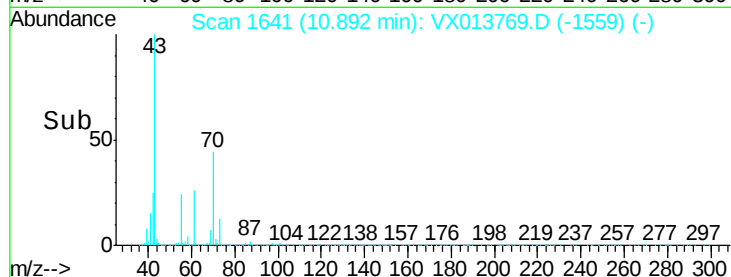
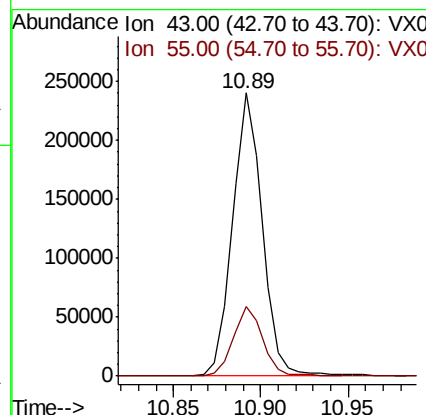
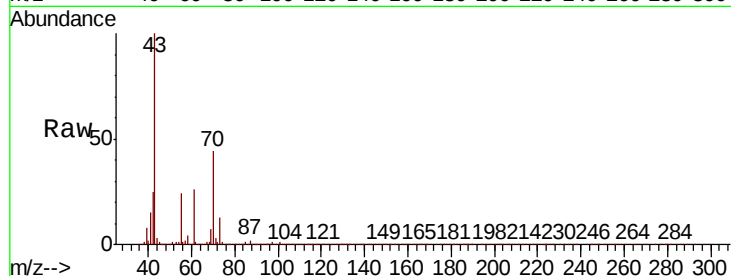
#47
n-amvl Acetate
Concen: 18.033 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.4	19.0	28.4

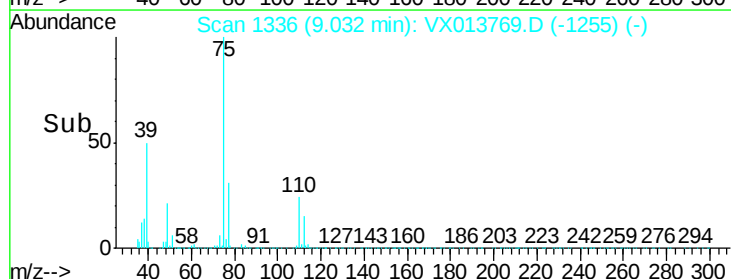
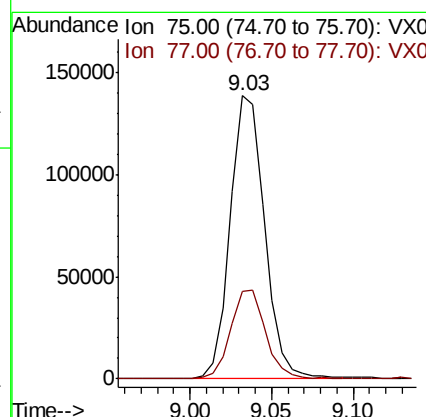
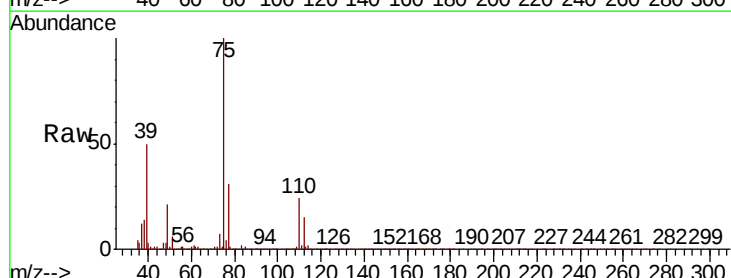
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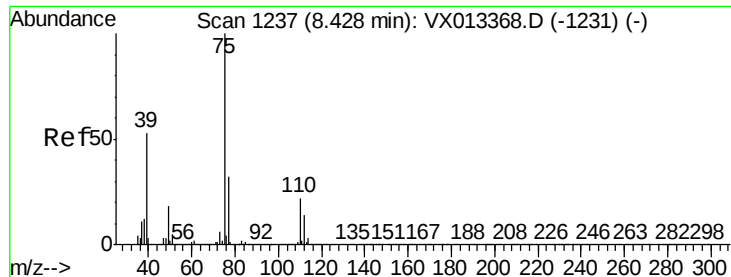
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#48
t-1,3-Dichloropropene
Concen: 19.203 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.3	37.9





#49

cis-1,3-Dichloropropene

Concen: 19.387 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

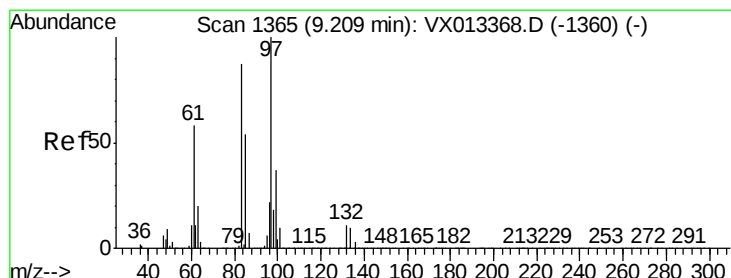
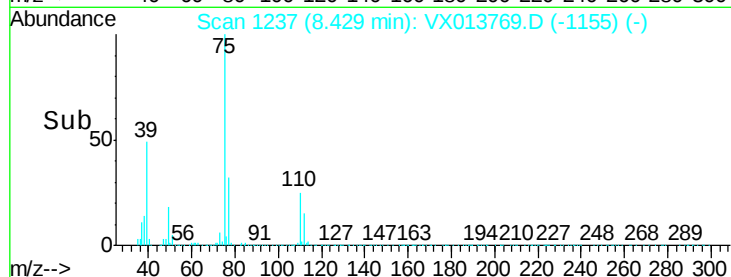
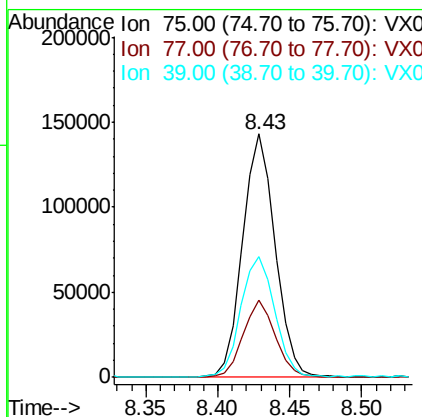
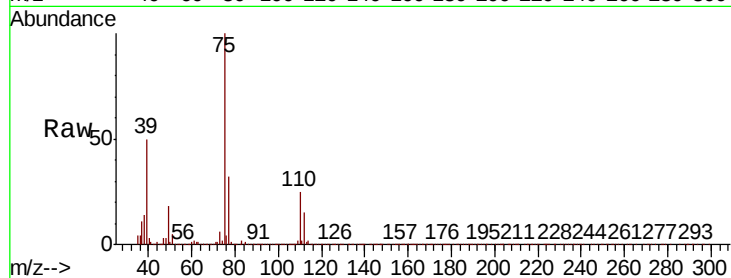
ClientSampleId :

VX1205WBS01

Tot Ion:	75	Resp:	224124
Ion Ratio		Lower	Upper
75	100		
77	31.5	25.8	38.8
39	49.3	42.2	63.4

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#50

1,1,2-Trichloroethane

Concen: 19.495 ug/l

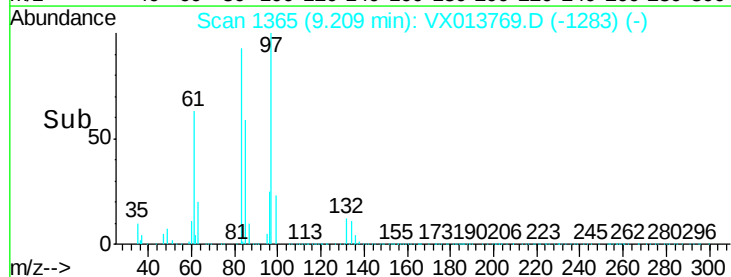
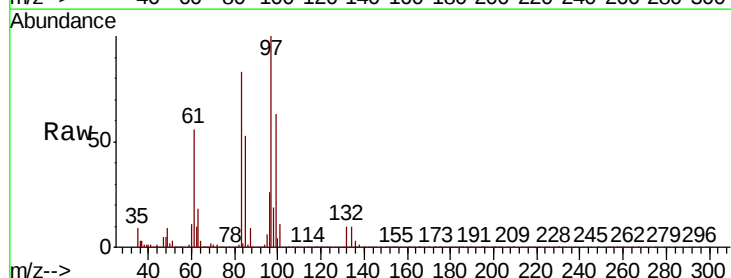
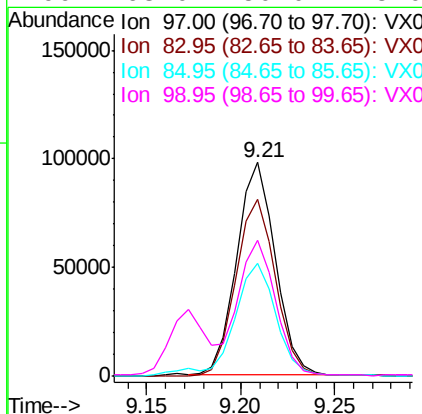
RT: 9.21 min Scan# 1365

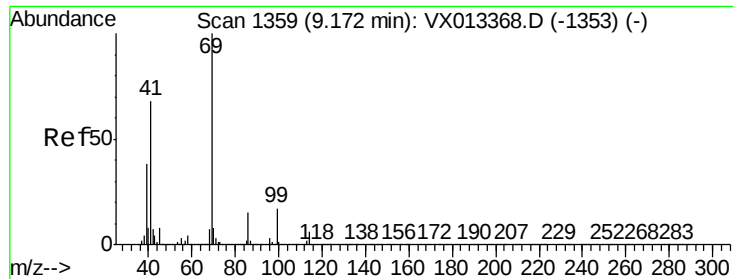
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	97	Resp:	139045
Ion Ratio		Lower	Upper
97	100		
83	82.9	69.6	104.4
85	52.5	45.5	68.3
99	63.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.998 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

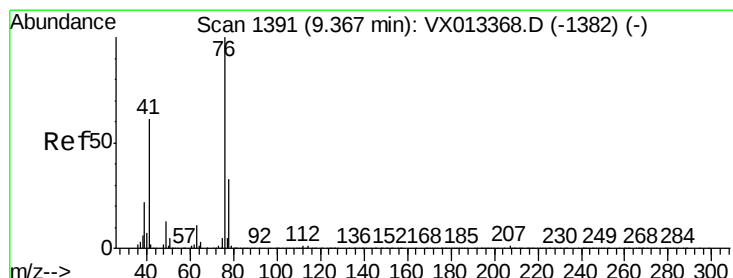
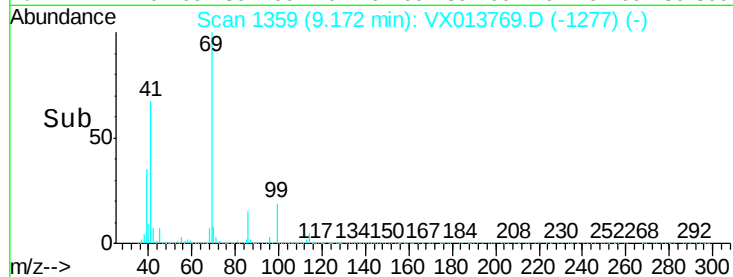
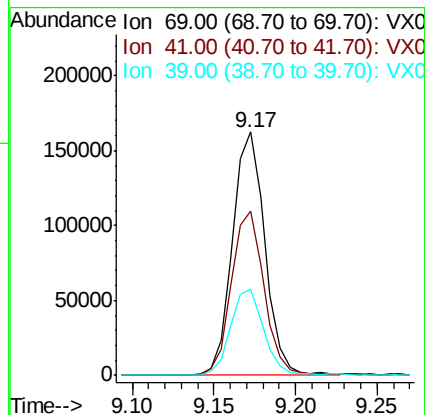
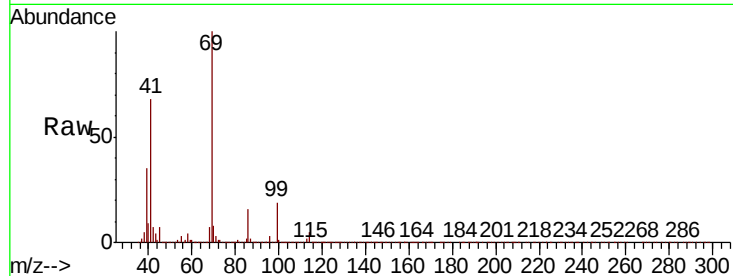
ClientSampleId :

VX1205WBS01

Tot Ion:	69	Resp:	223099
Ion Ratio	Lower	Upper	
69	100		
41	67.5	33.9	101.6
39	35.1	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.759 ug/l

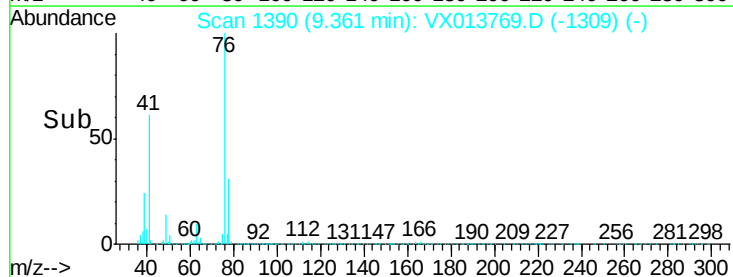
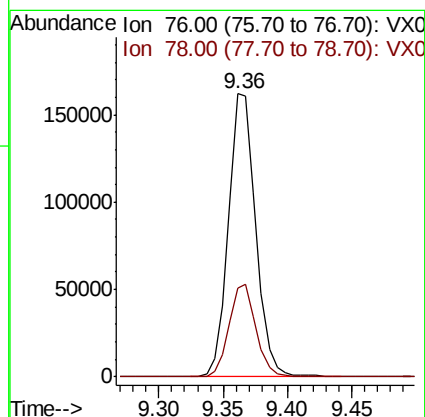
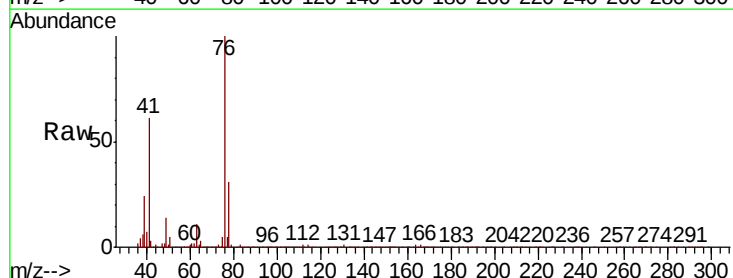
RT: 9.36 min Scan# 1390

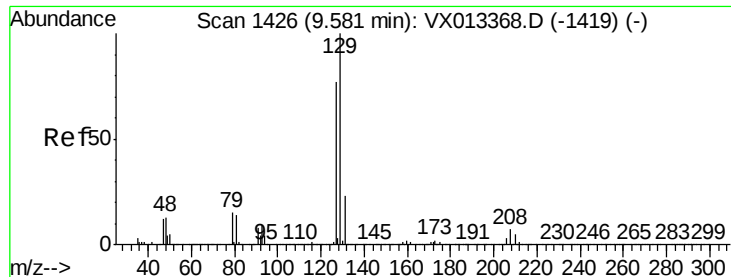
Delta R.T. -0.01 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	76	Resp:	240920
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	63.6





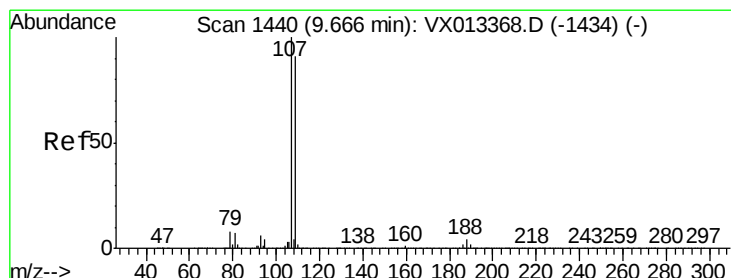
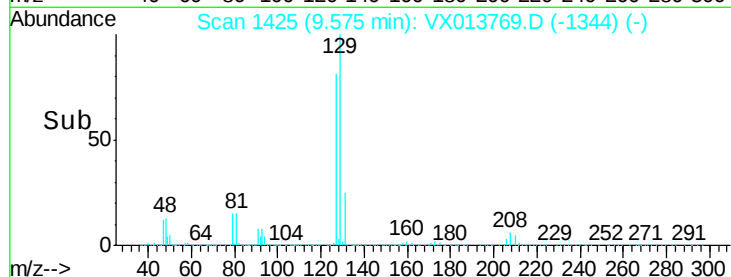
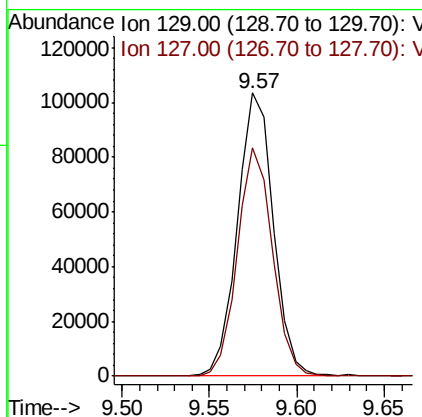
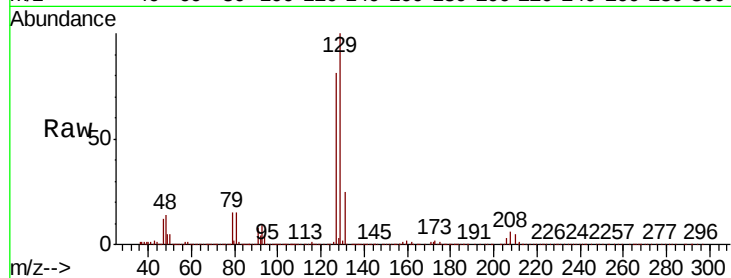
#53
Dibromochloromethane
Concen: 19.493 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		147349		
127	79.2		39.6	119.0	

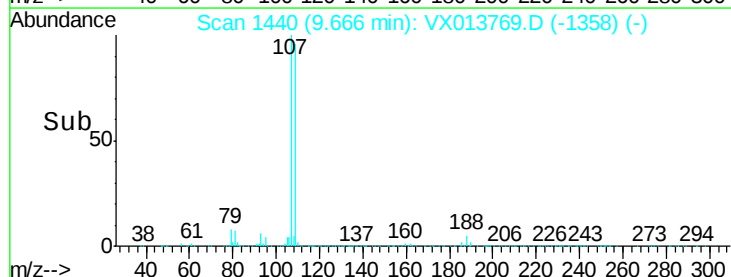
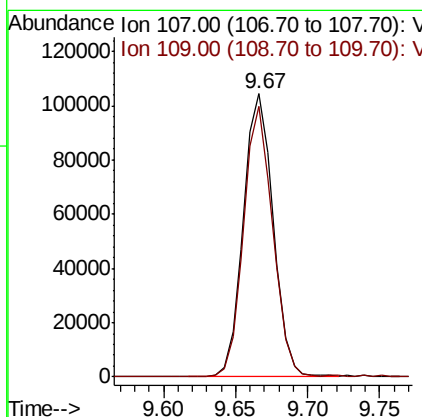
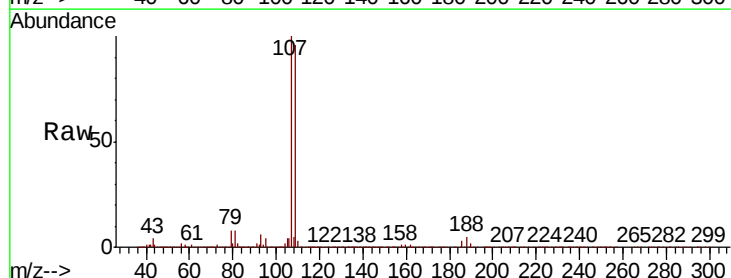
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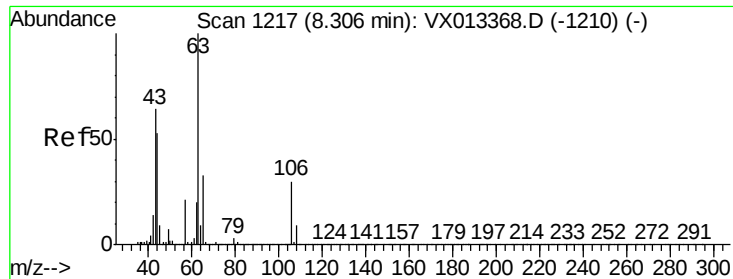
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#54
1,2-Dibromoethane
Concen: 19.552 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		149112		
109	93.0		73.9	110.9	





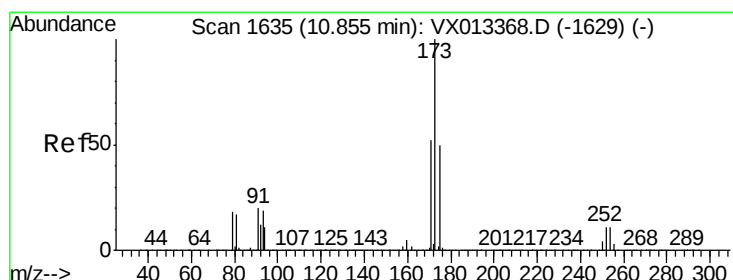
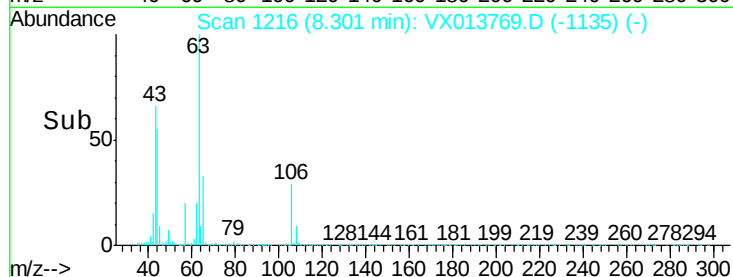
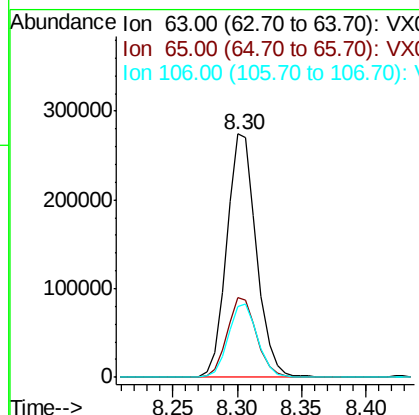
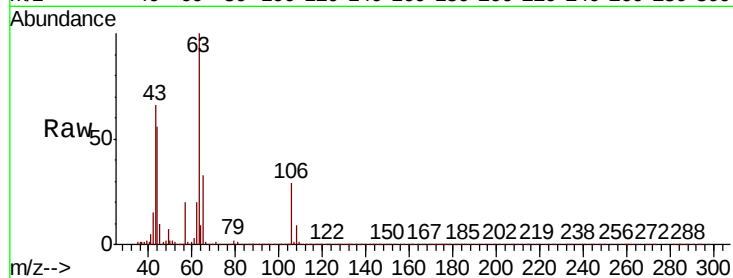
#55
2-Chloroethyl vinyl ether
Concen: 87.913 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	29.9	23.5	35.3

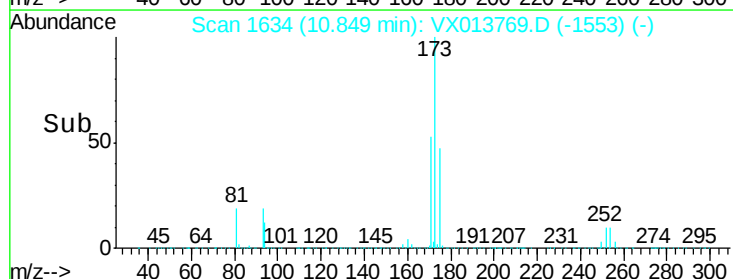
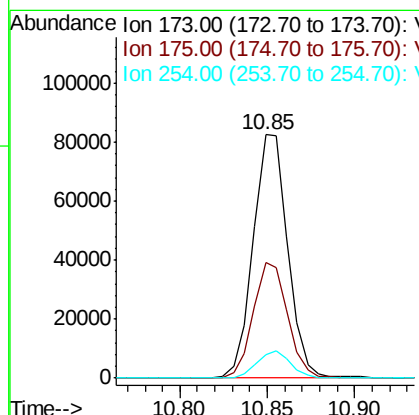
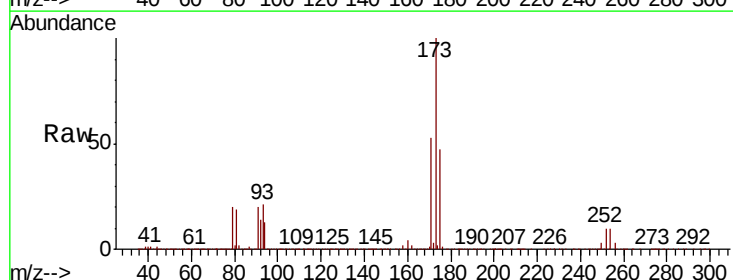
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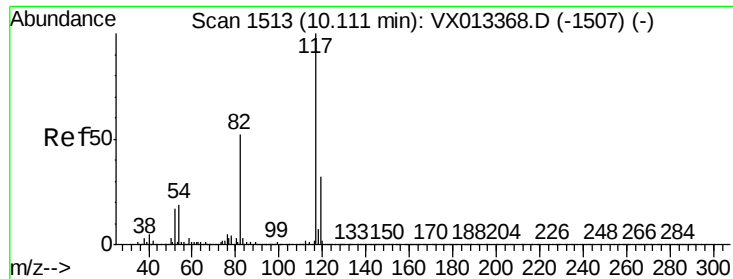
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#56
Bromoform
Concen: 19.004 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.4	59.0
254	11.1	8.6	12.8





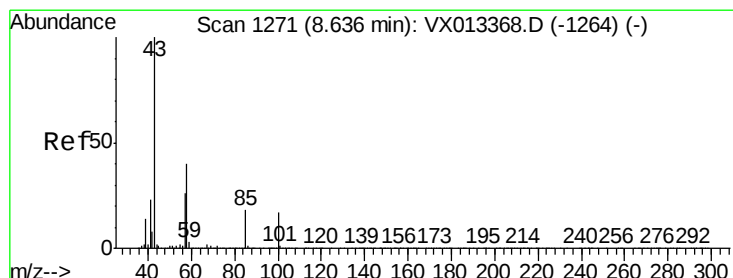
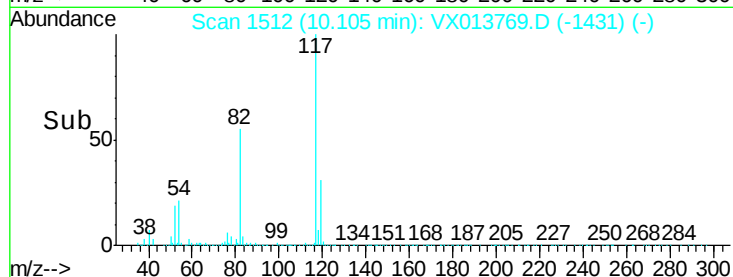
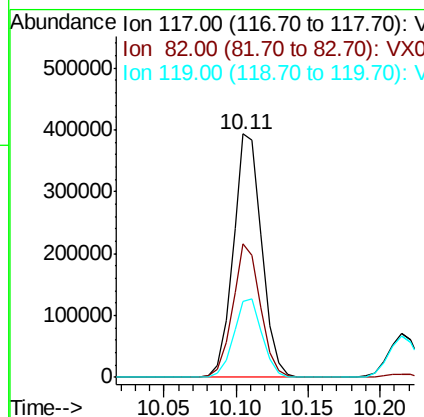
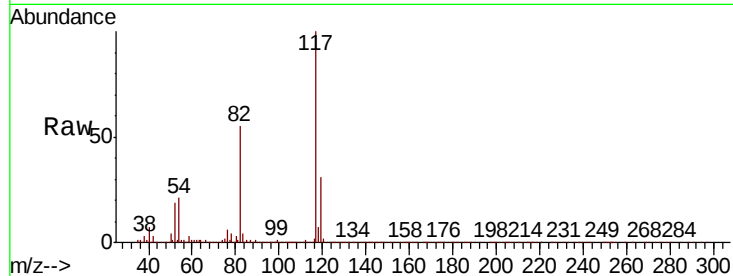
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.7	65.5
119	32.2	25.5	38.3

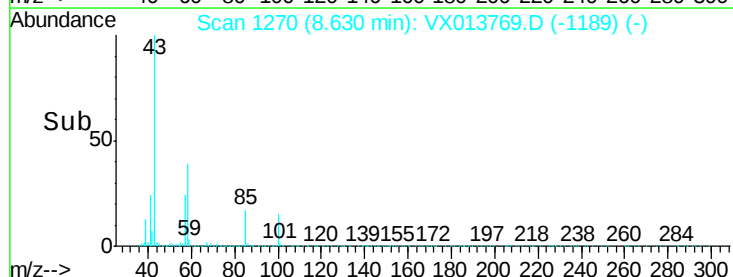
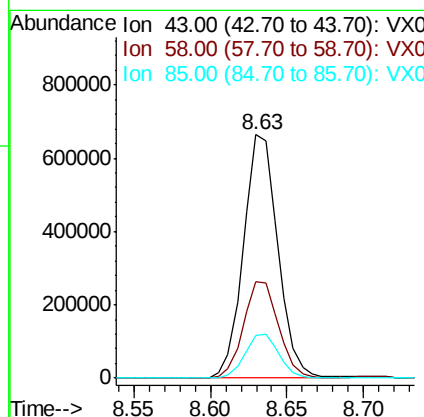
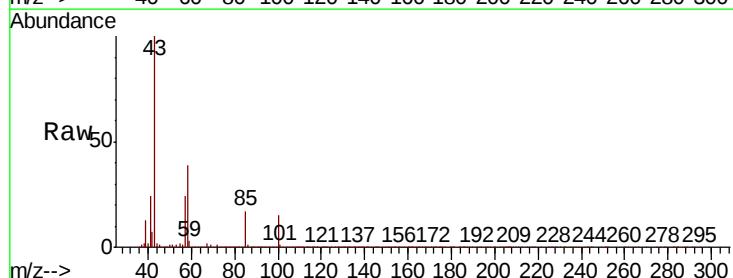
Manual Integrations
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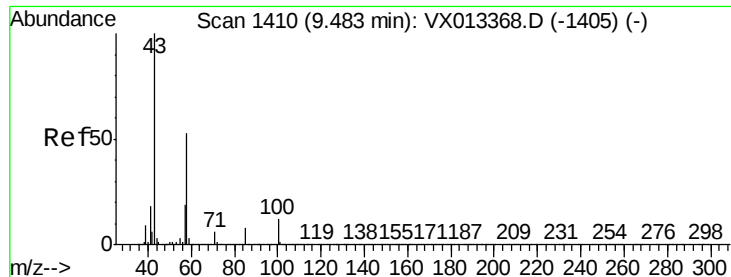
apatel
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#58
4-Methyl-2-Pentanone
Concen: 91.555 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.6	47.4
85	17.8	14.2	21.2





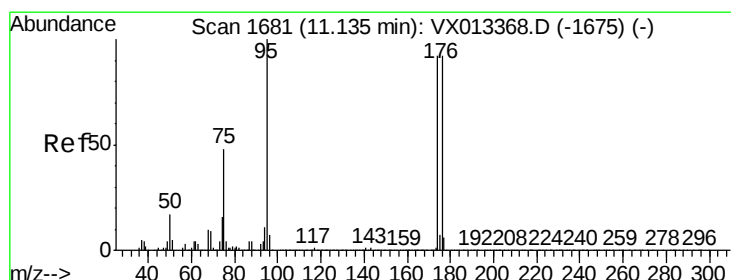
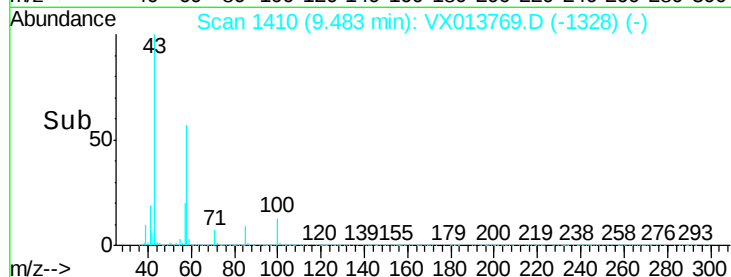
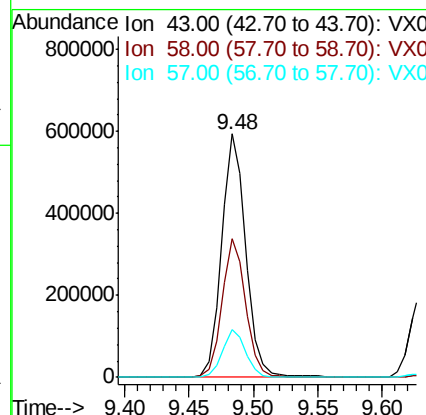
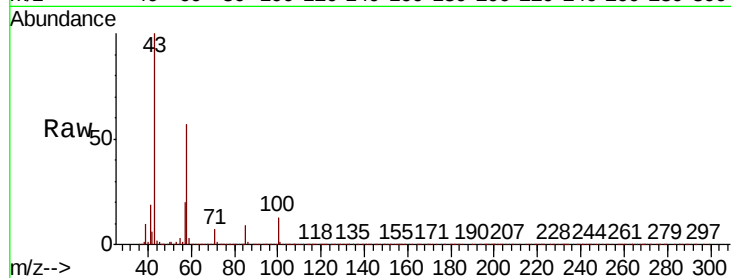
#59
2-Hexanone
Concen: 87.671 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	43.8	65.6
57	18.9	15.1	22.7

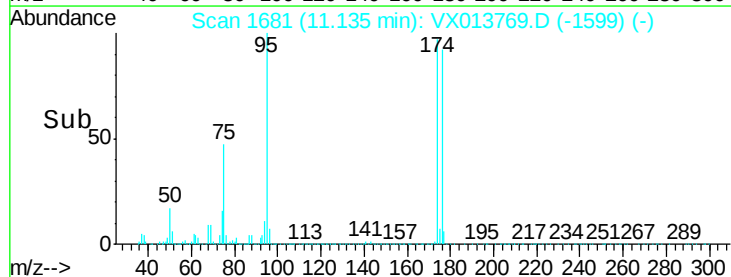
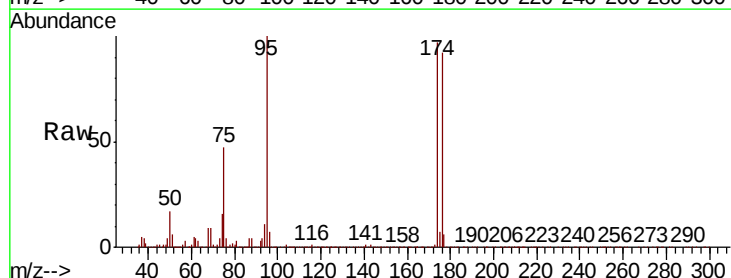
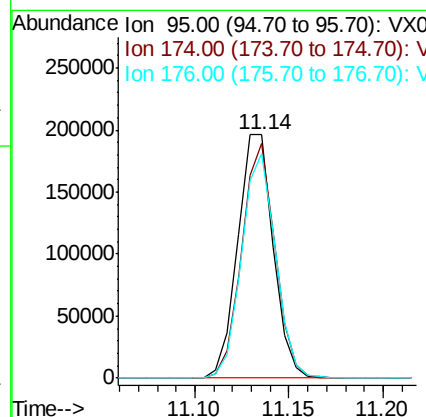
Manual Integrations
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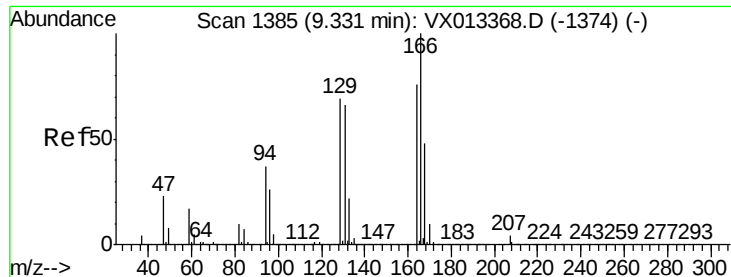
apatel
12/6/2019 9:36:02 AM



#60
4-Bromofluorobenzene
Concen: 29.595 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	70.2	105.2
176	87.6	68.3	102.5





#61

Tetrachloroethene

Concen: 20.766 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

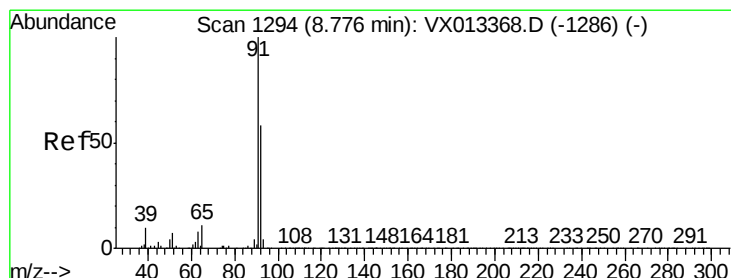
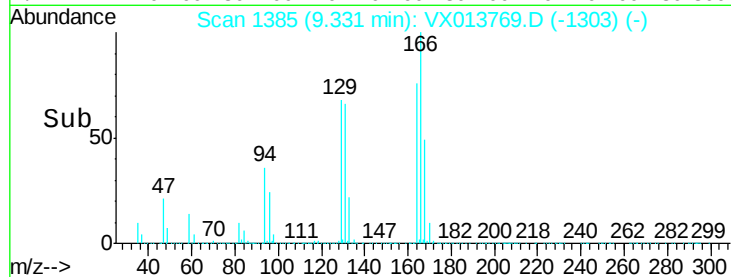
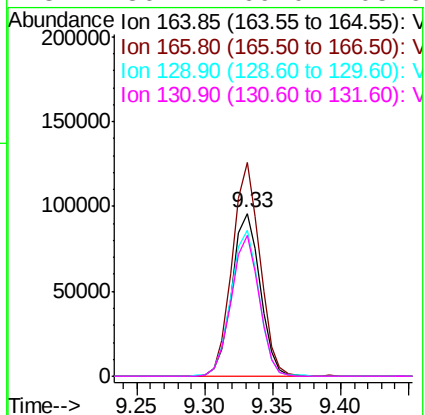
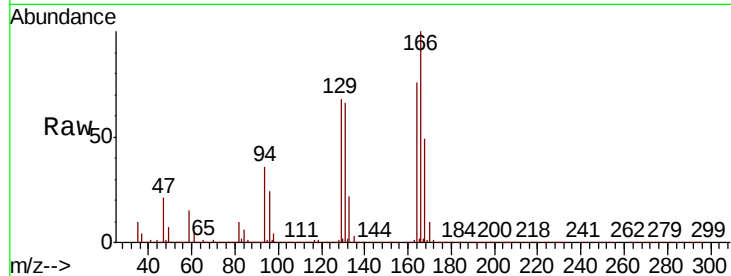
ClientSampleId :

VX1205WBS01

Tot Ion:	164	Resp:	138670
Ion Ratio	Lower	Upper	
164	100		
166	131.2	104.9	157.3
129	89.8	72.3	108.5
131	86.4	69.0	103.6

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#62

Toluene

Concen: 19.890 ug/l

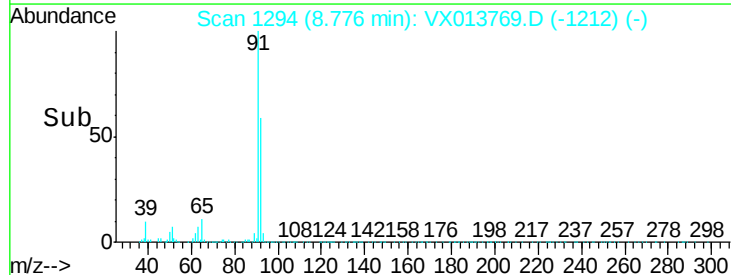
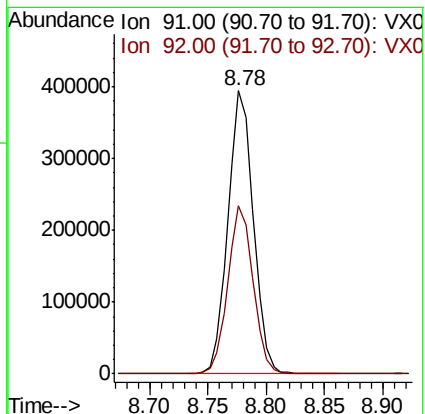
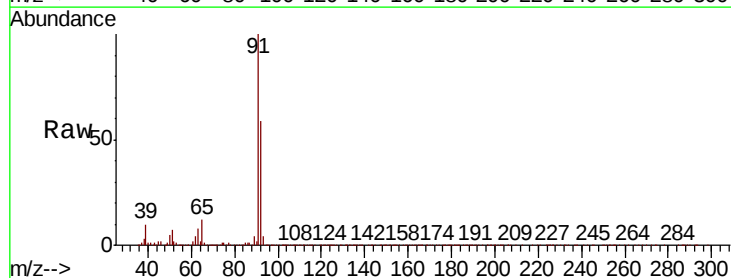
RT: 8.78 min Scan# 1294

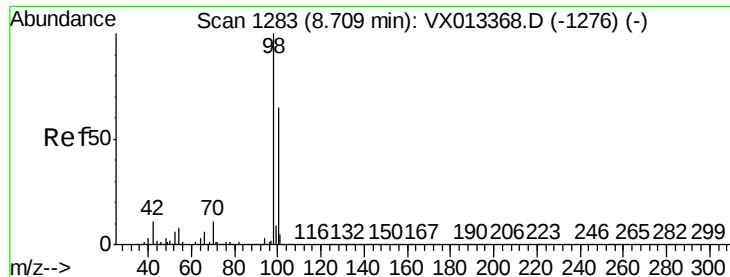
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	91	Resp:	599973
Ion Ratio	Lower	Upper	
91	100		
92	58.8	46.6	69.8





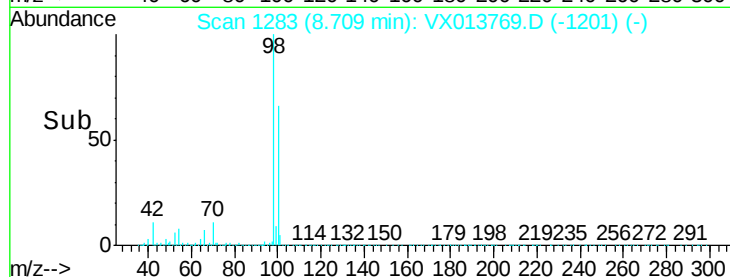
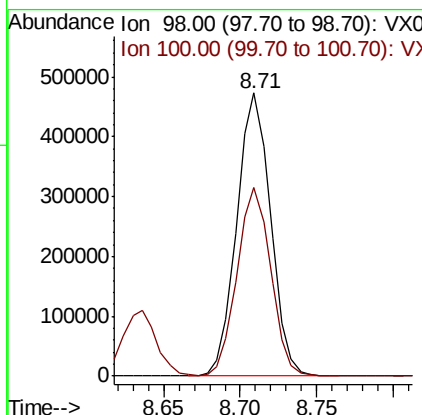
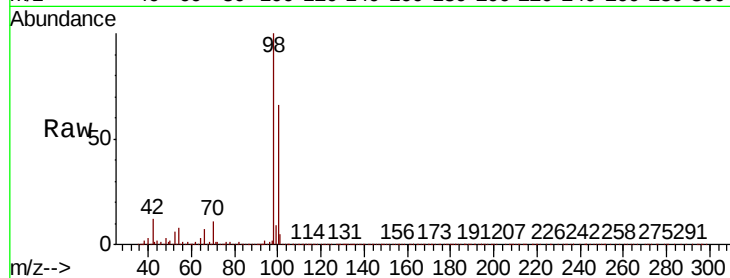
#63
Toluene-d8
Concen: 29.619 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7

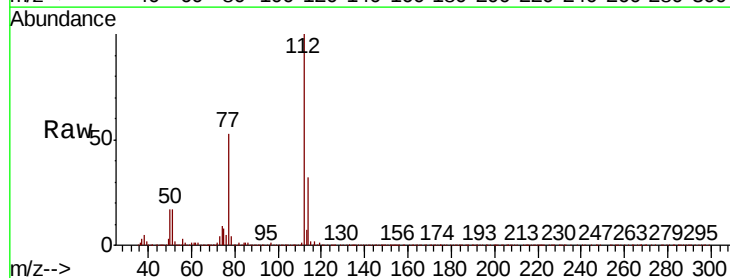
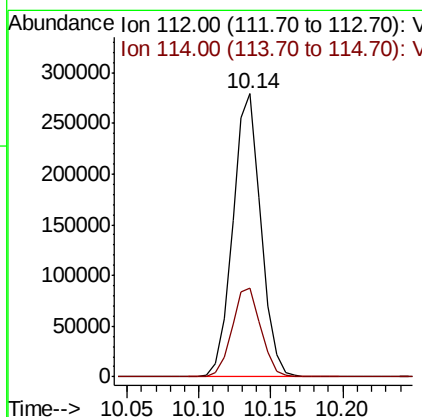
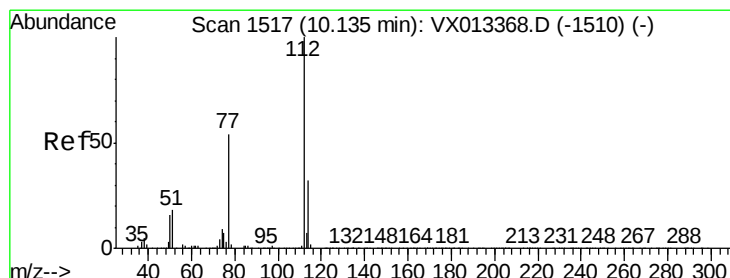
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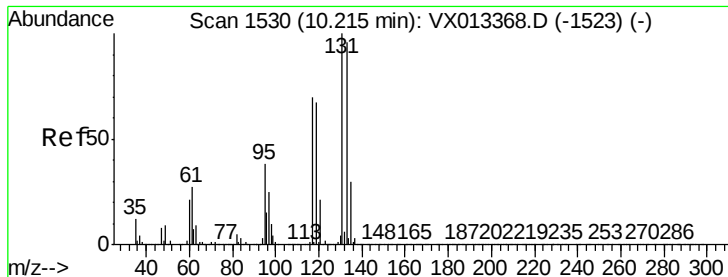
apatel
12/6/2019 9:36:02 AM



#64
Chlorobenzene
Concen: 20.185 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.799 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

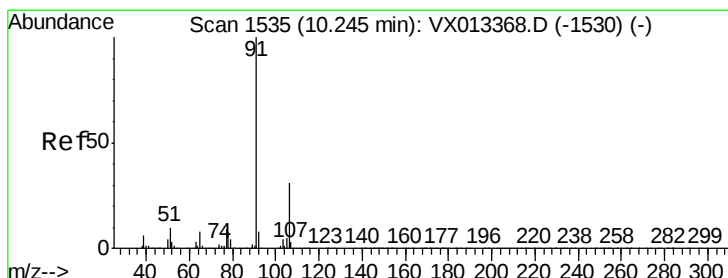
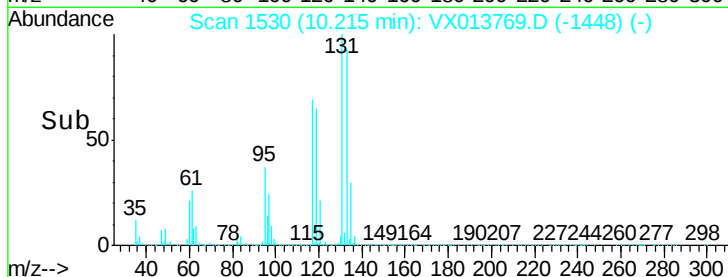
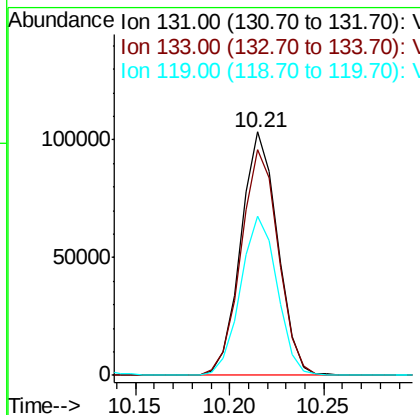
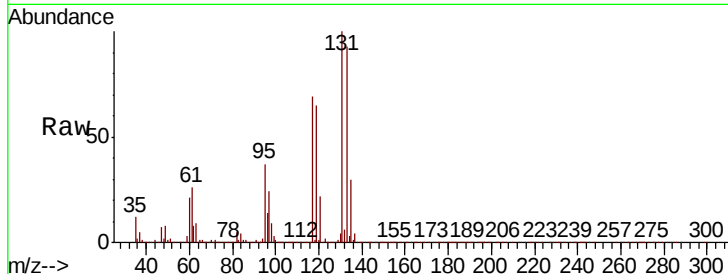
ClientSampleId :

VX1205WBS01

Tot Ion:	131	Resp:	139776
Ion Ratio	Lower	Upper	
131	100		
133	94.6	0.0	192.2
119	64.8	0.0	134.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.066 ug/l

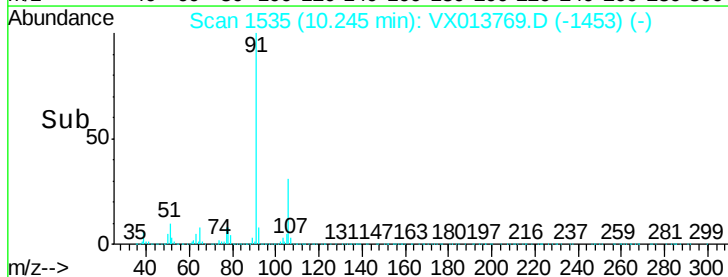
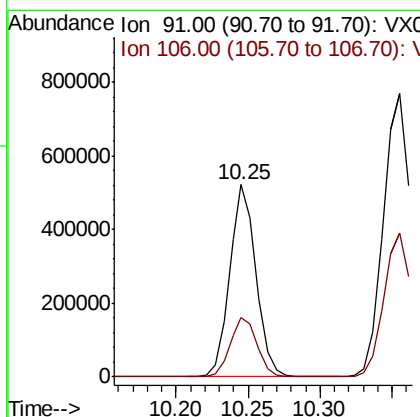
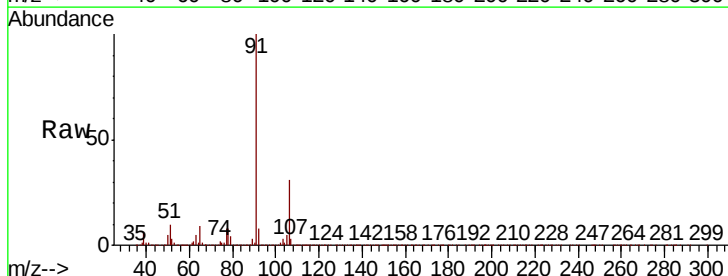
RT: 10.25 min Scan# 1535

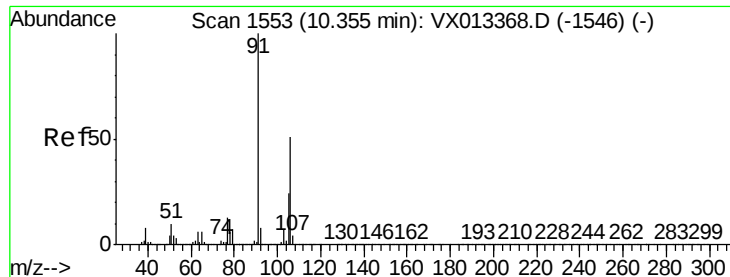
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	91	Resp:	664937
Ion Ratio	Lower	Upper	
91	100		
106	31.1	25.0	37.4





#67

m/p-Xylenes

Concen: 40.115 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion:106 Resp: 512790

Ion Ratio Lower Upper

106 100

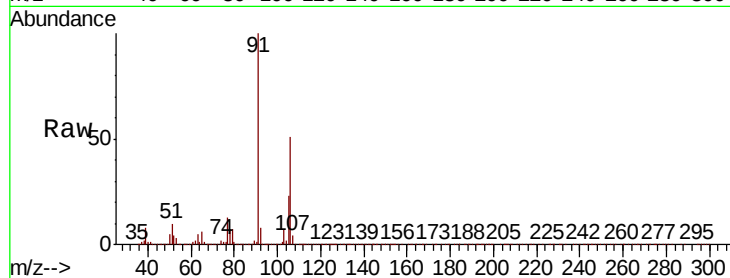
91 198.3 158.4 237.6

Manual Integrations

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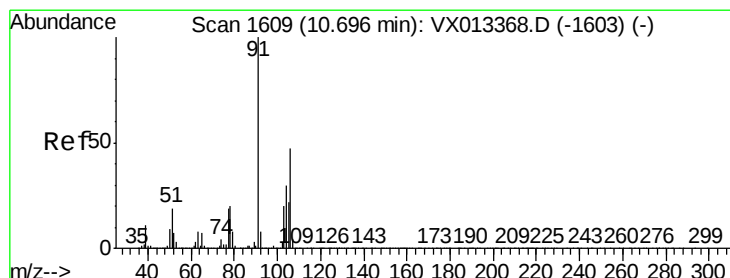
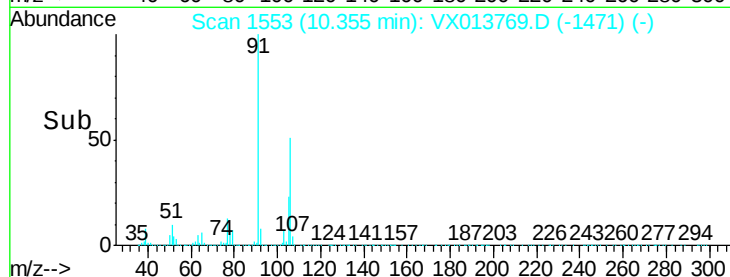
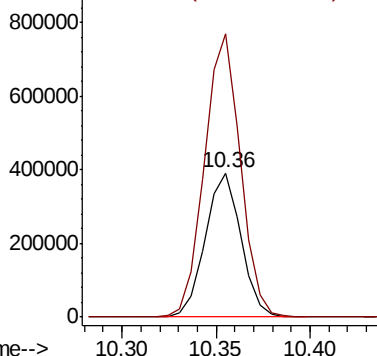
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.211 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013769.D

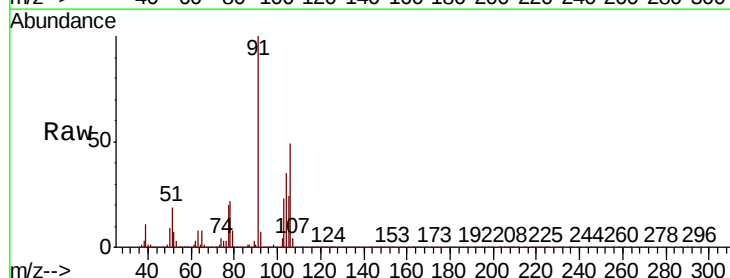
Acq: 05 Dec 2019 12:07

Tgt Ion:106 Resp: 249336

Ion Ratio Lower Upper

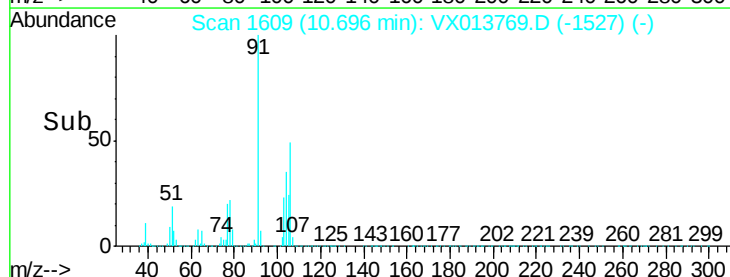
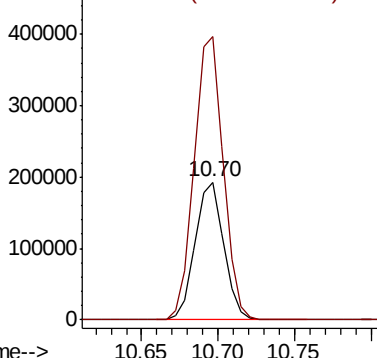
106 100

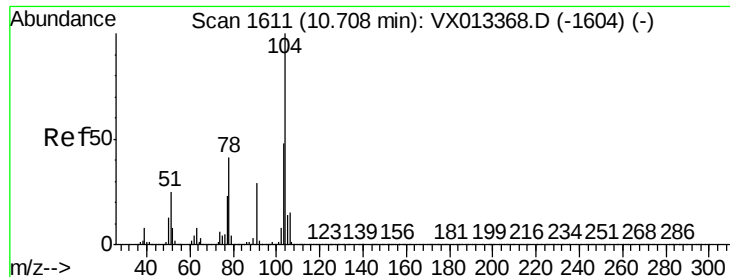
91 209.0 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





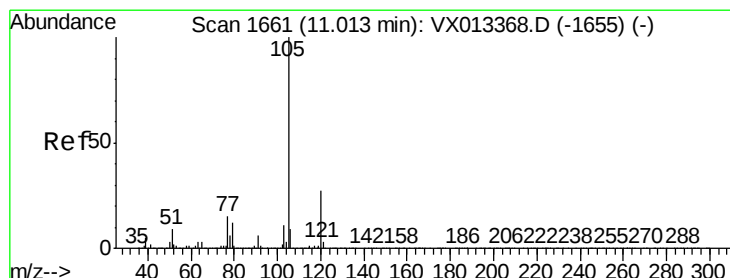
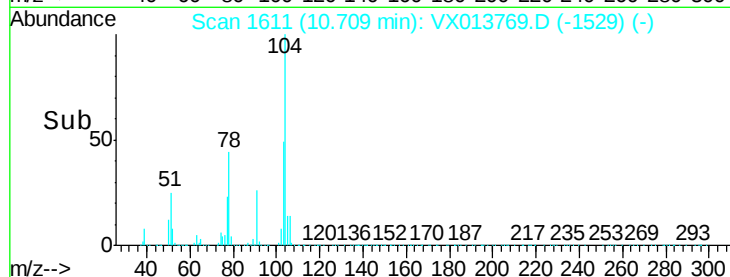
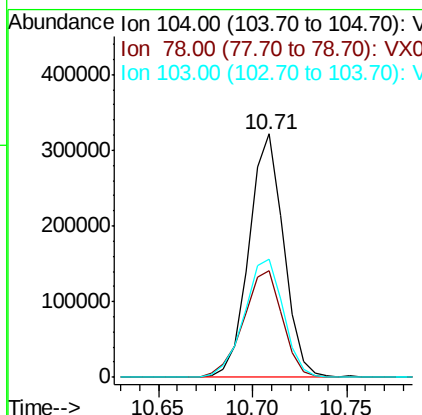
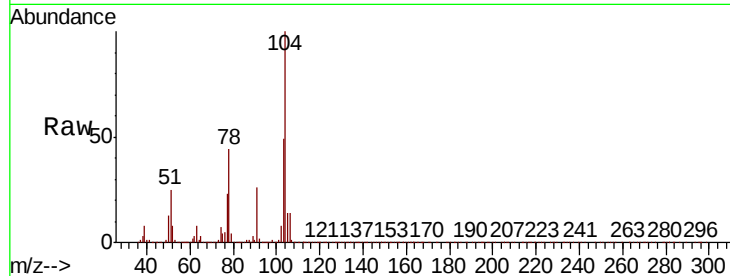
#69
Stvrene
Concen: 19.387 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	408390		
78	49.7		38.2	57.4
103	55.1		43.2	64.8

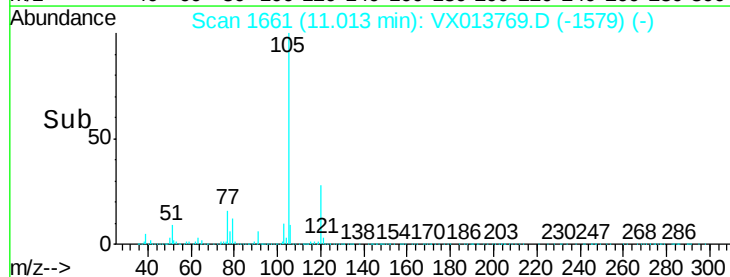
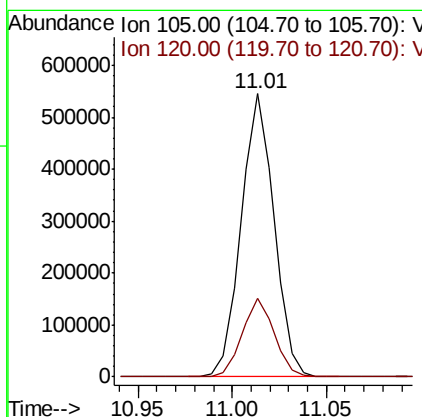
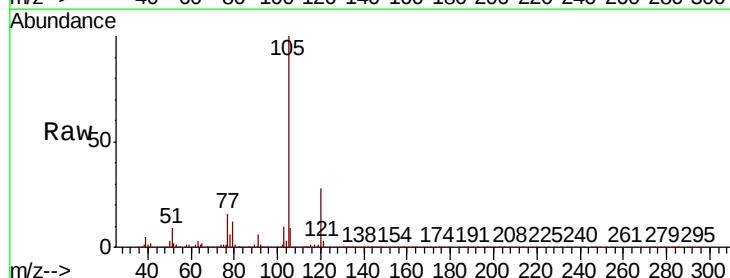
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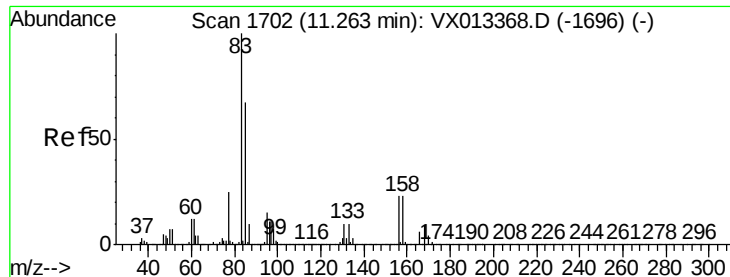
apatel
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#70
Isopropylbenzene
Concen: 20.221 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	657338		
120	27.0		18.8	34.8





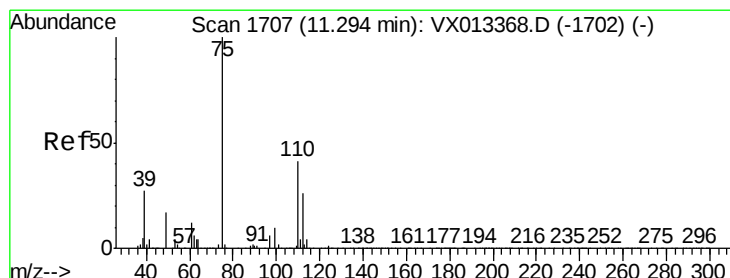
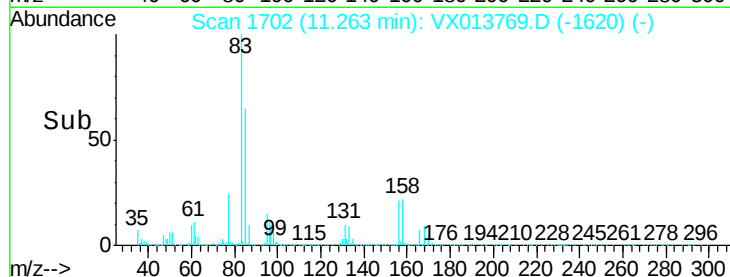
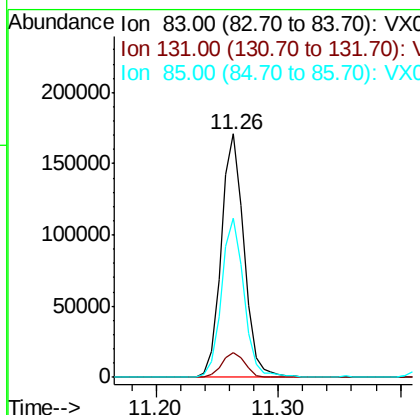
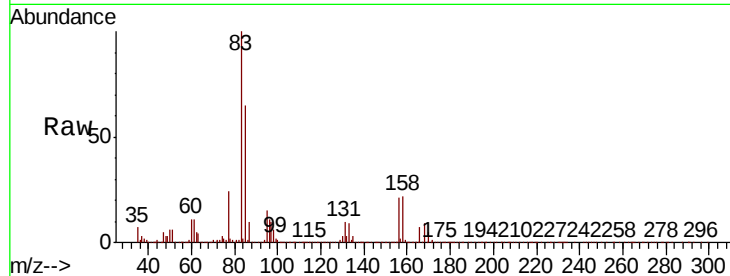
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.931 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	220350		
131	10.3	4.7	14.1	
85	64.8	32.6	97.7	

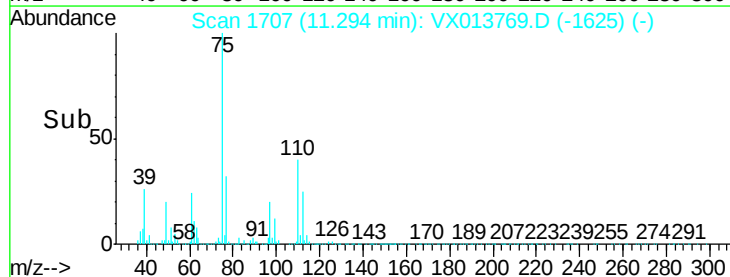
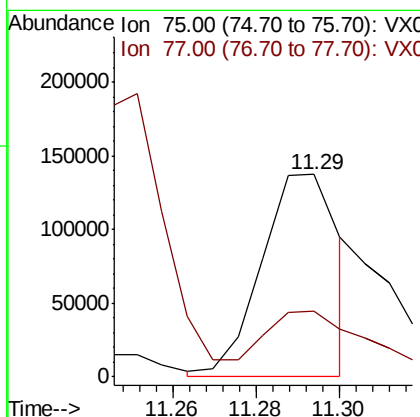
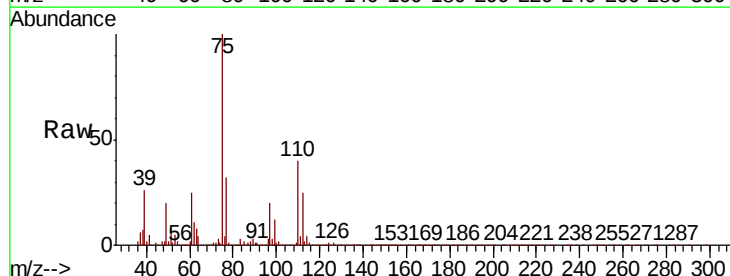
Manual Integrations
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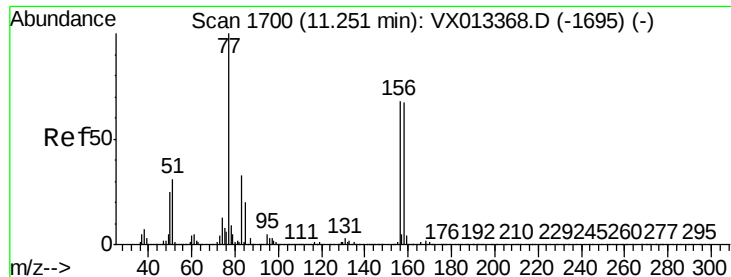
apatel
 12/6/2019 9:36:02 AM



#72
 1,2,3-Trichloropropane
 Concen: 17.929 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176207		
77	43.4	0.0	86.2	





#73

Bromobenzene

Concen: 20.038 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

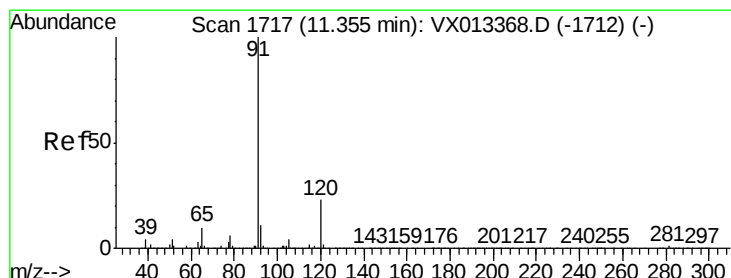
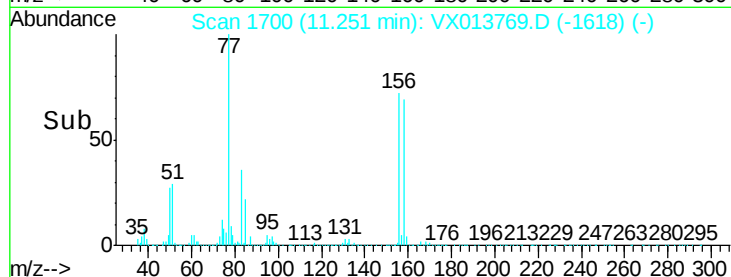
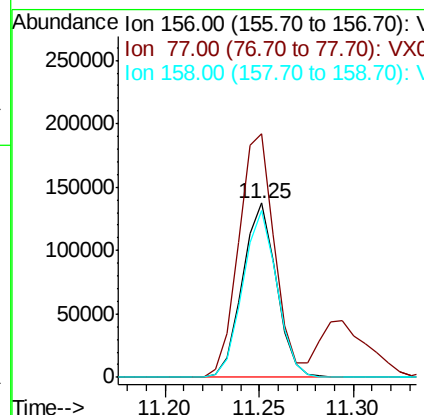
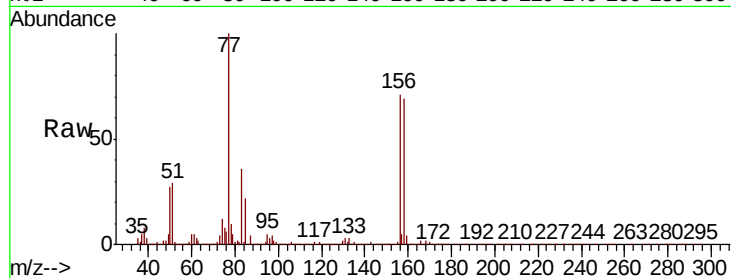
ClientSampleId :

VX1205WBS01

Tot Ion:	156	Resp:	171777
Ion Ratio	Lower	Upper	
156	100		
77	148.4	0.0	308.8
158	96.5	0.0	197.0

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#74

n-propylbenzene

Concen: 20.160 ug/l

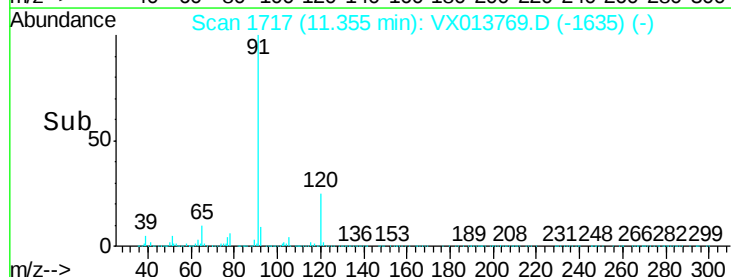
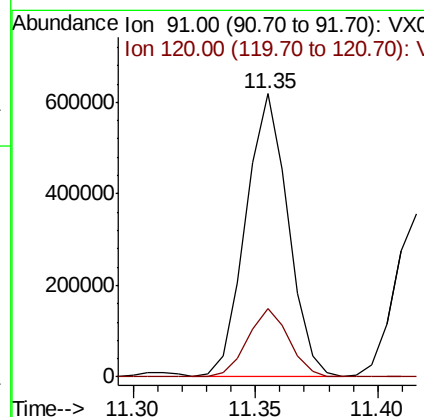
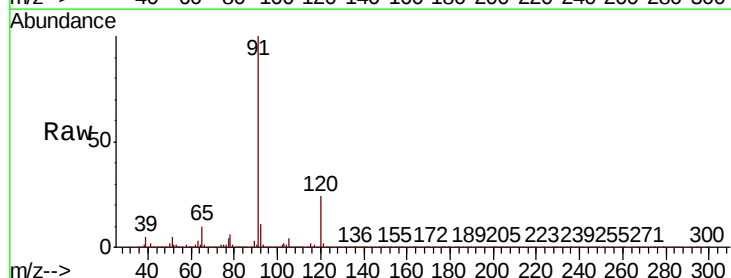
RT: 11.35 min Scan# 1717

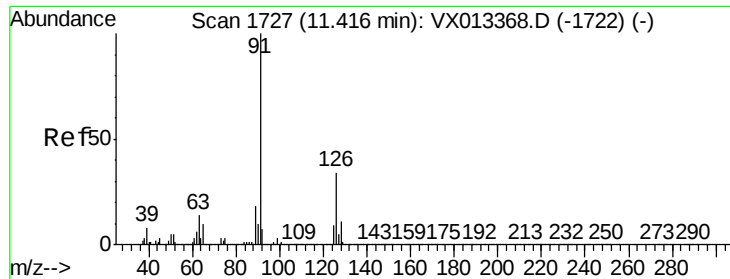
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	91	Resp:	744740
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.302 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS01

Tot Ion: 91 Resp: 445997

Ion Ratio Lower Upper

91 100

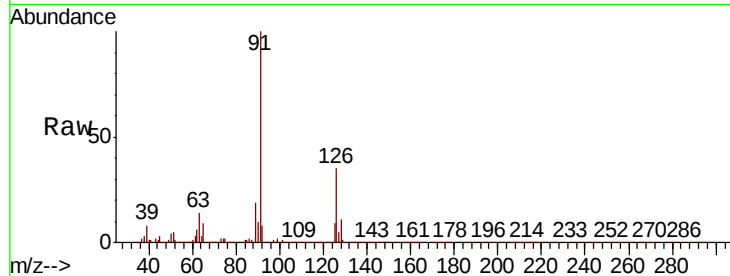
126 34.4 0.0 69.0

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

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

600000

400000

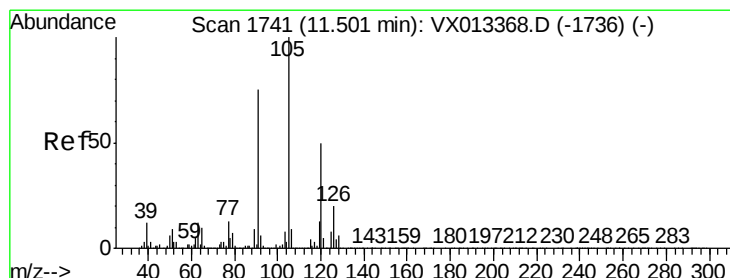
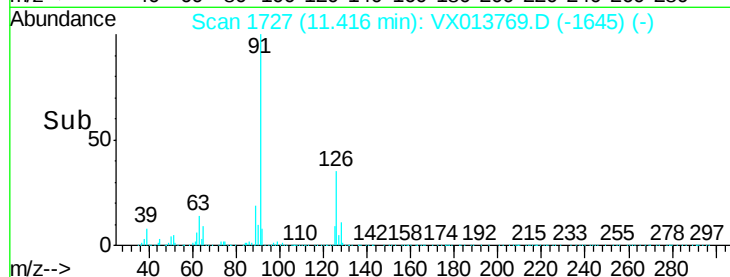
200000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.189 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013769.D

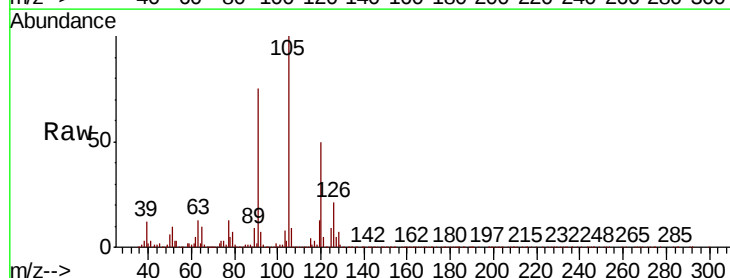
Acq: 05 Dec 2019 12:07

Tgt Ion: 105 Resp: 551651

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.0



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

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

500000

400000

300000

200000

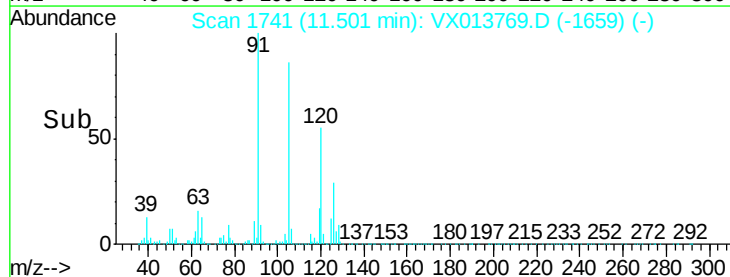
100000

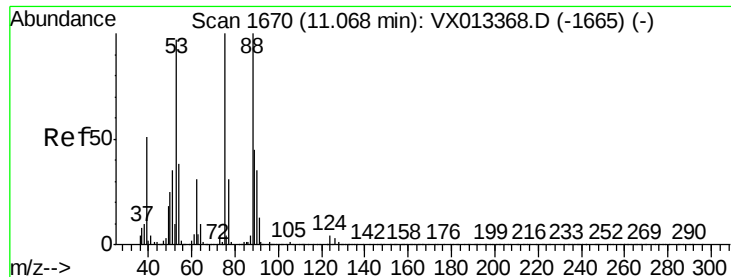
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.356 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Instrument :

MSVOA_X

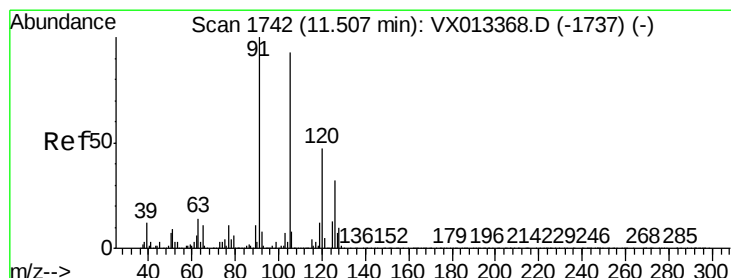
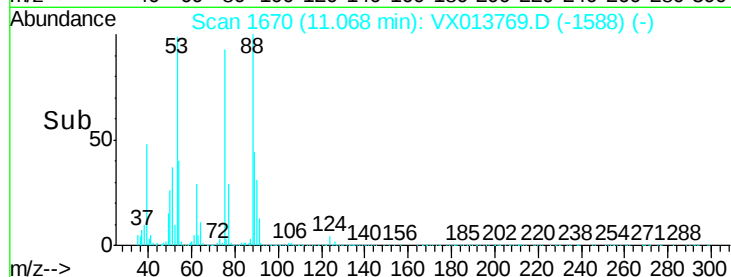
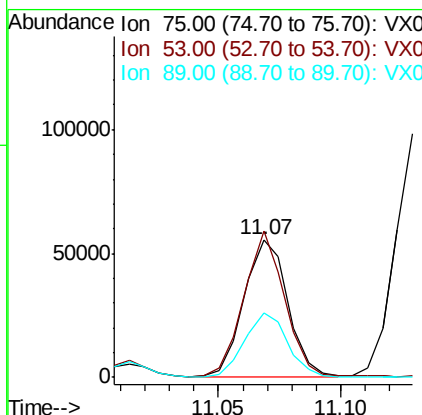
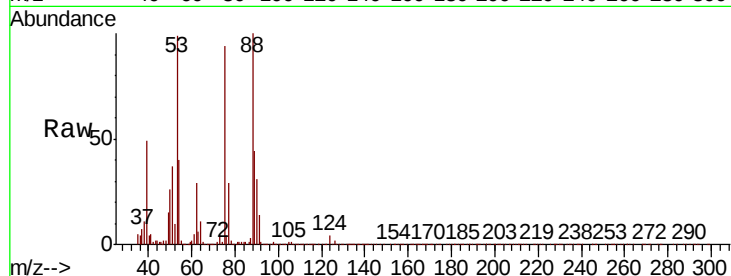
ClientSampleId :

VX1205WBS01

Tot Ion:	75	Resp:	68970
Ion	Ratio	Lower	Upper
75	100		
53	106.3	48.8	146.3
89	46.7	22.3	66.8

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#78

4-Chlorotoluene

Concen: 19.961 ug/l

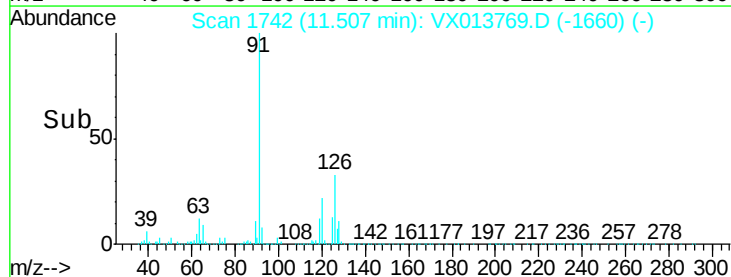
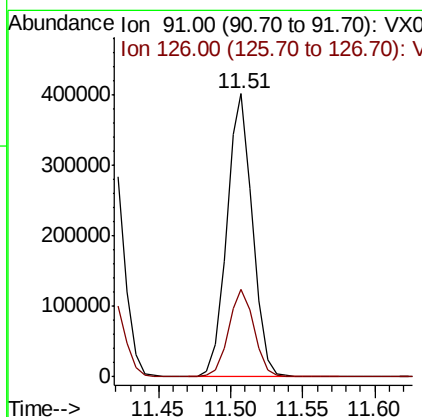
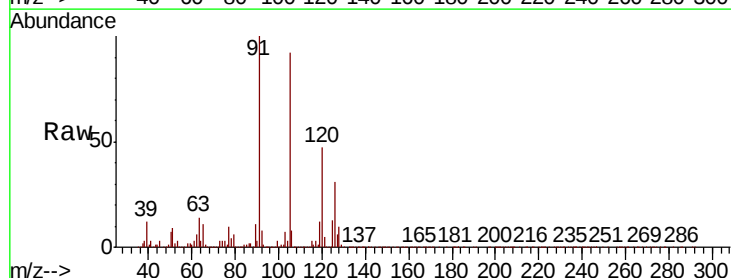
RT: 11.51 min Scan# 1742

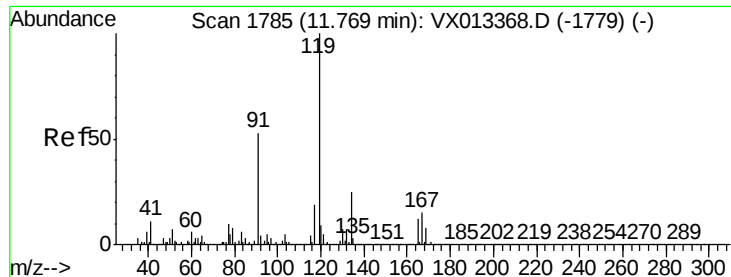
Delta R.T. 0.00 min

Lab File: VX013769.D

Acq: 05 Dec 2019 12:07

Tgt Ion:	91	Resp:	502407
Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





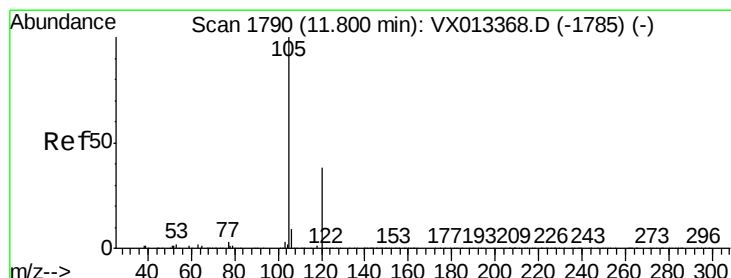
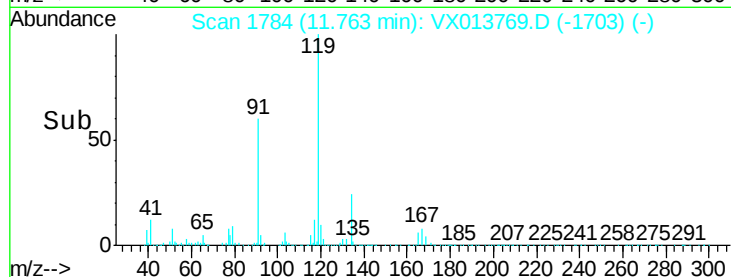
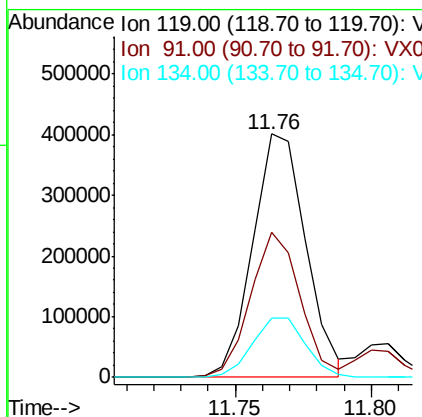
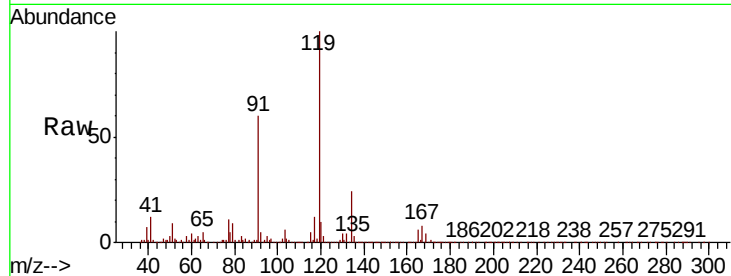
#79
tert-butylbenzene
Concen: 19.713 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	543442		
91	55.7	0.0	109.6	
134	24.6	0.0	47.8	

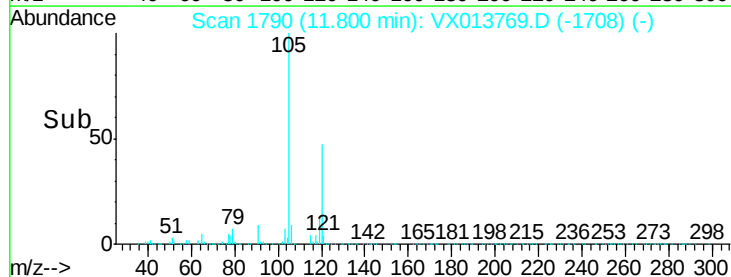
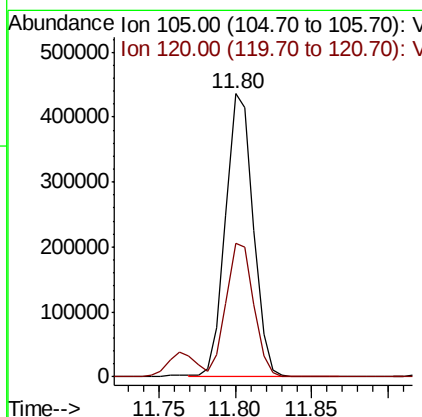
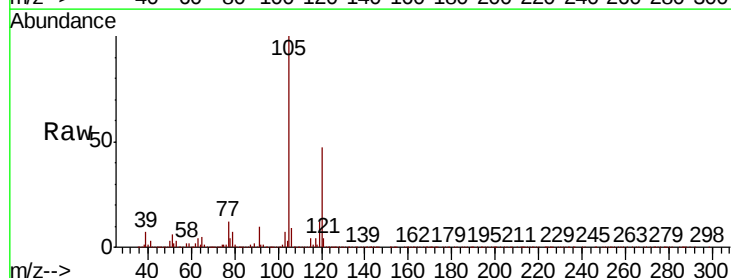
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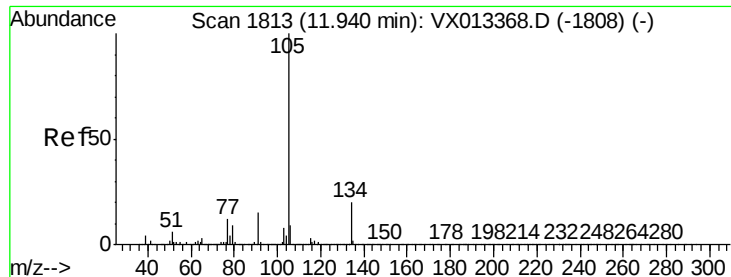
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#80
1,2,4-Trimethylbenzene
Concen: 20.083 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546826		
120	47.1	0.0	94.0	





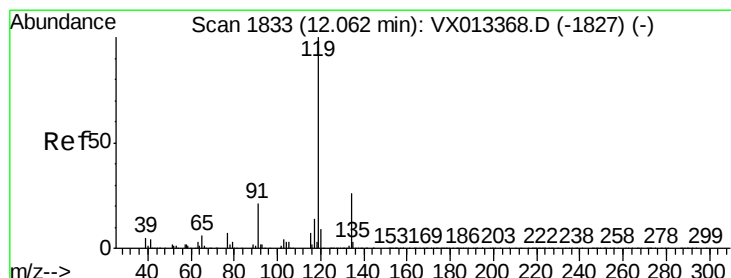
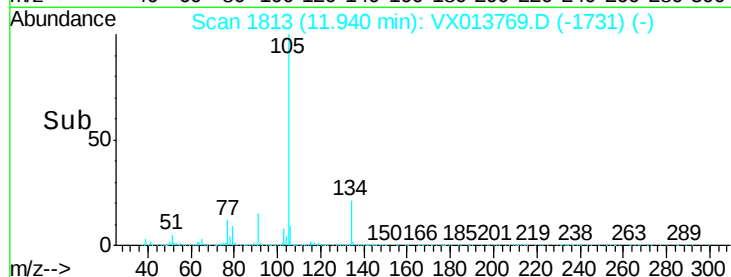
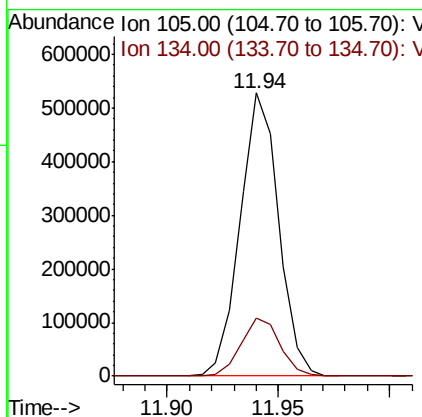
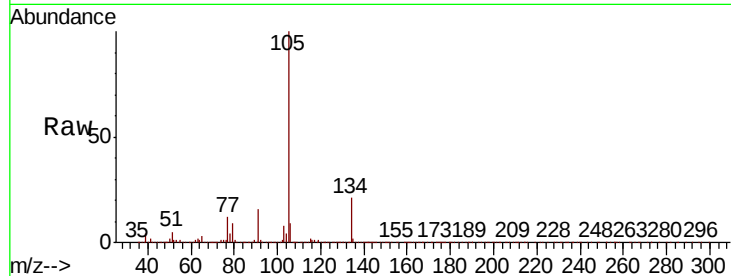
#81
 sec-Butylbenzene
 Concen: 20.299 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	41.2

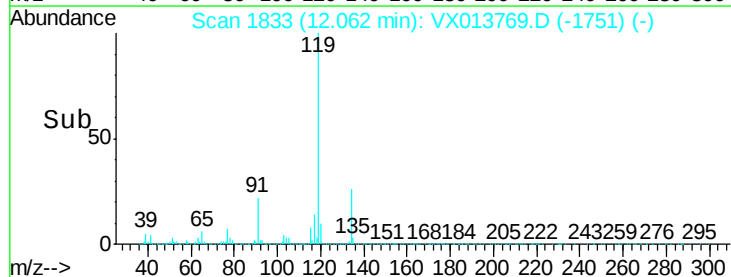
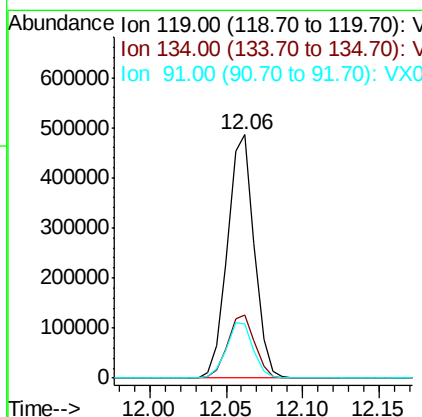
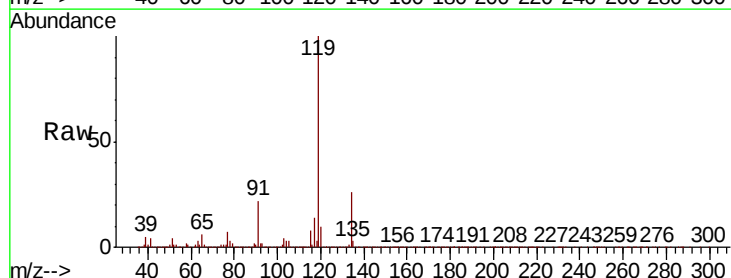
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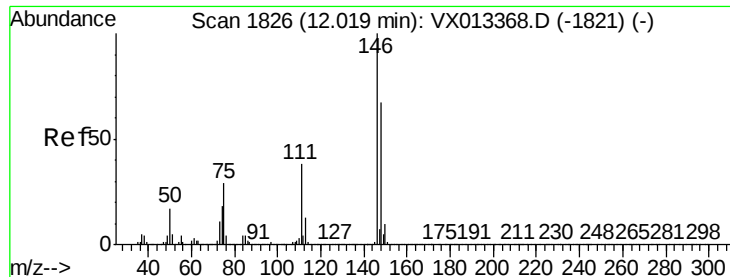
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#82
 p-Isopropyltoluene
 Concen: 20.234 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	51.6
91	22.6	0.0	44.2





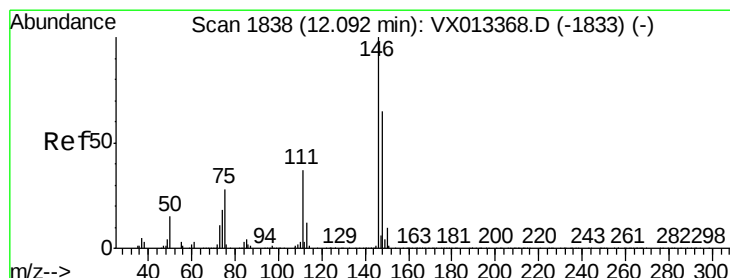
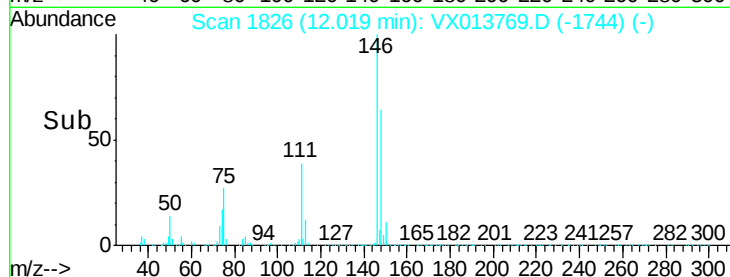
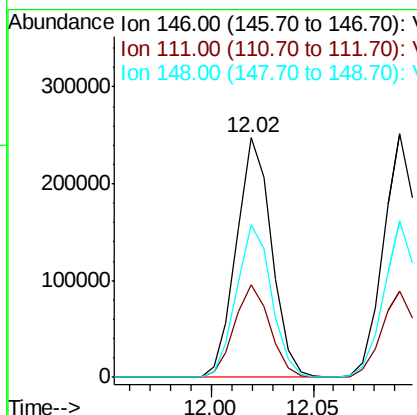
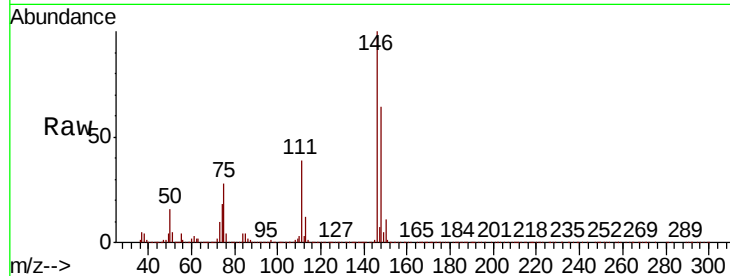
#83
1,3-Dichlorobenzene
Concen: 19.692 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	296791		
111	38.8	18.8	56.3	
148	63.8	32.3	96.9	

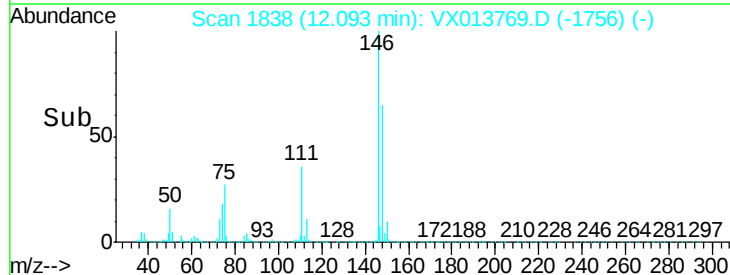
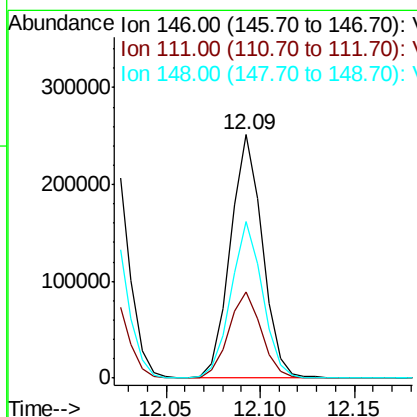
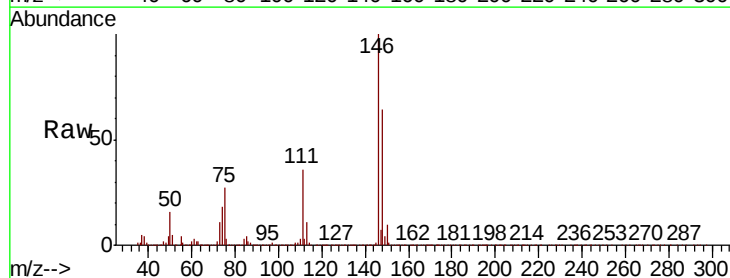
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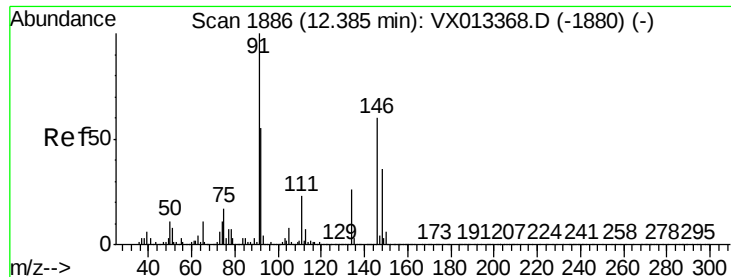
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#84
1,4-Dichlorobenzene
Concen: 19.793 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296111		
111	36.1	18.6	55.6	
148	63.7	32.5	97.4	





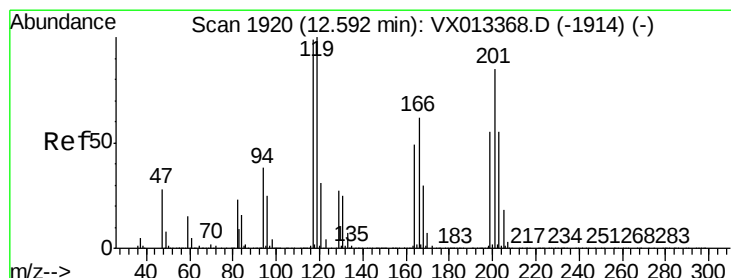
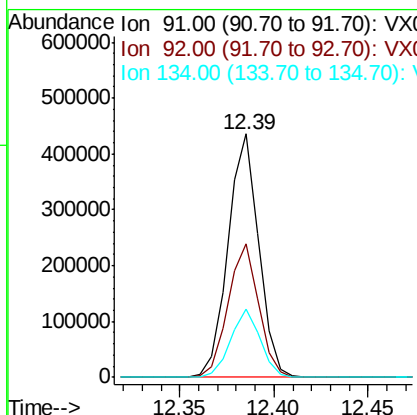
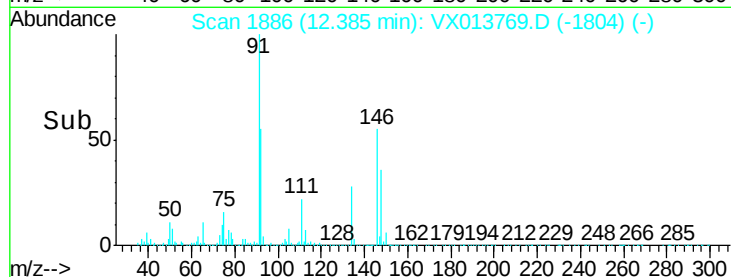
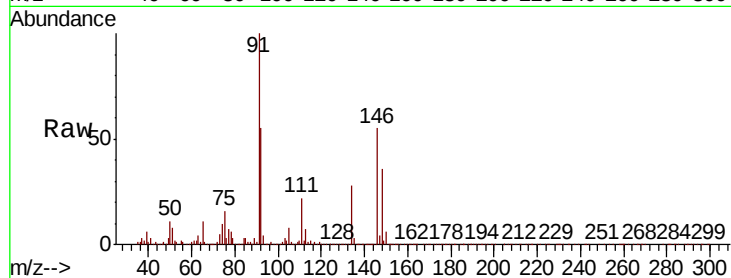
#85
n-Butylbenzene
Concen: 19.610 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	490474		
92	54.8	0.0	109.0	
134	27.3	0.0	53.0	

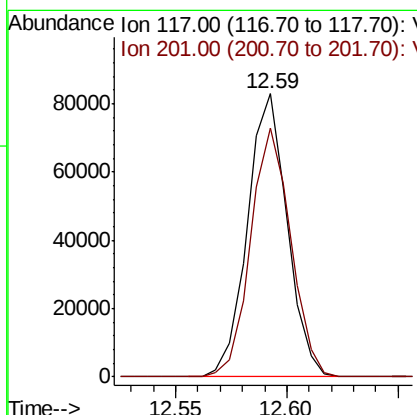
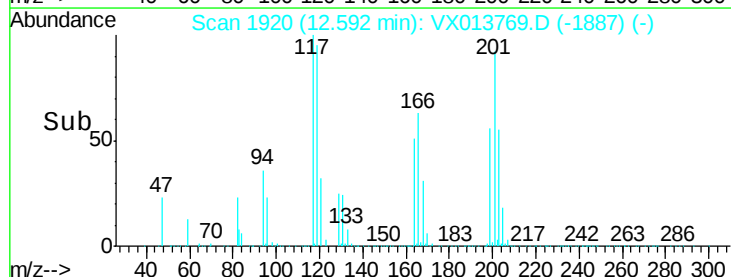
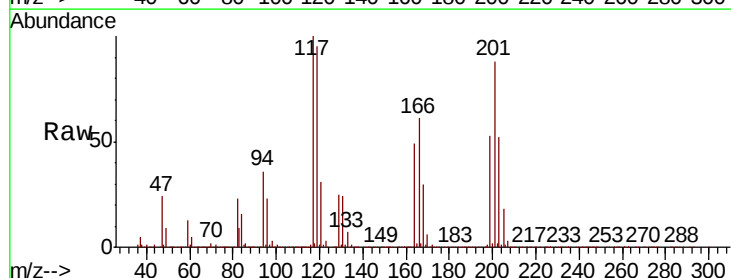
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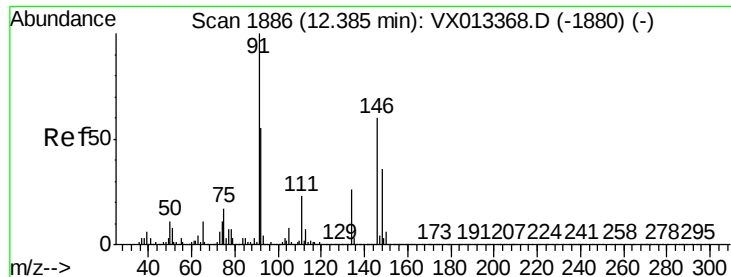
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#86
Hexachloroethane
Concen: 19.305 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102663		
201	89.2	44.5	133.3	





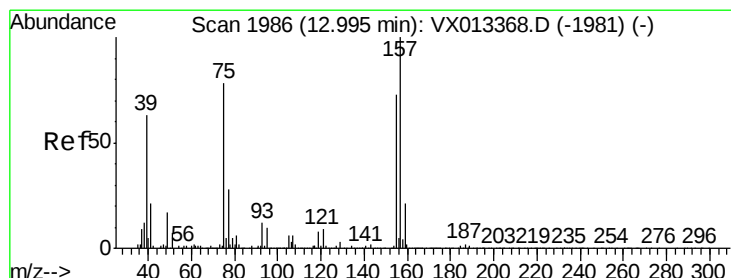
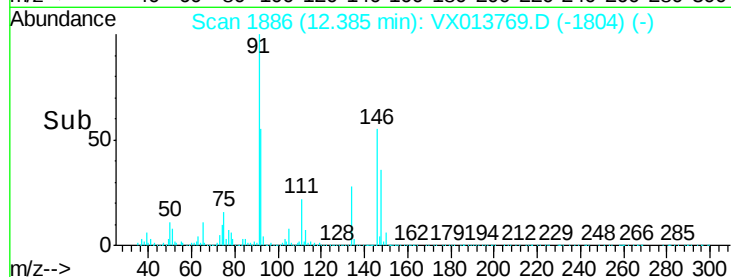
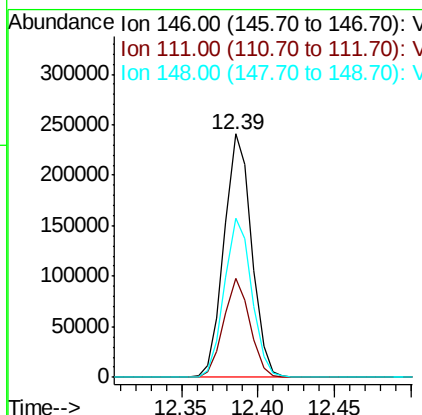
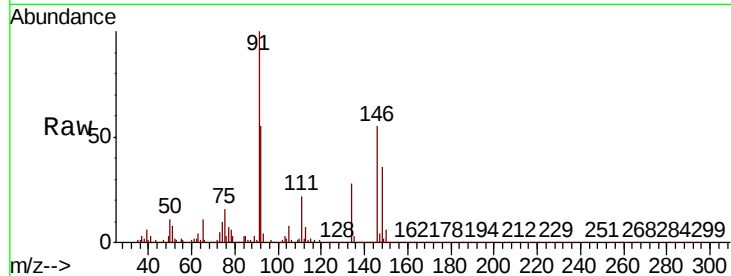
#87
 1,2-Dichlorobenzene
 Concen: 19.990 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	64.7	31.6	94.7

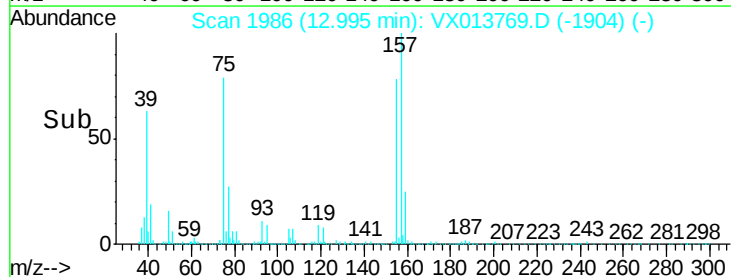
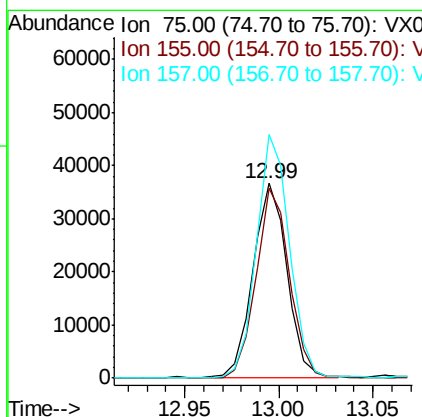
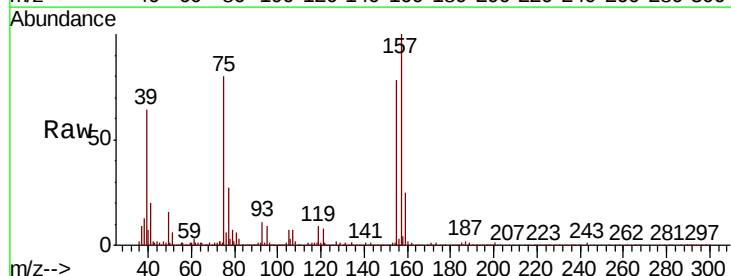
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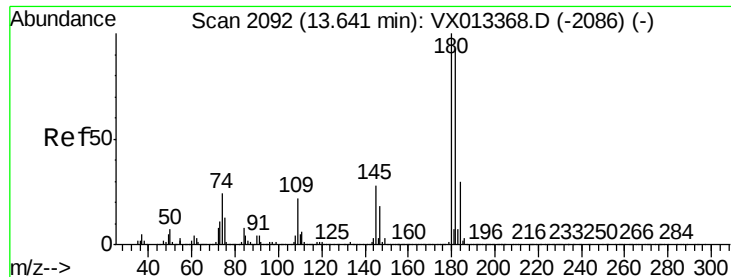
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.566 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013769.D
 Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	76.9	115.3
157	121.9	101.2	151.8





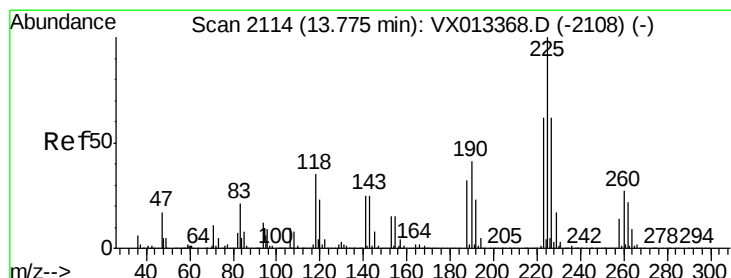
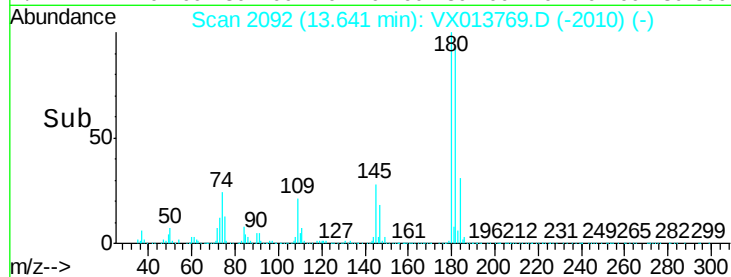
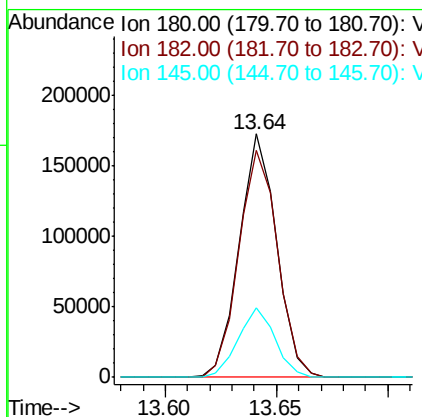
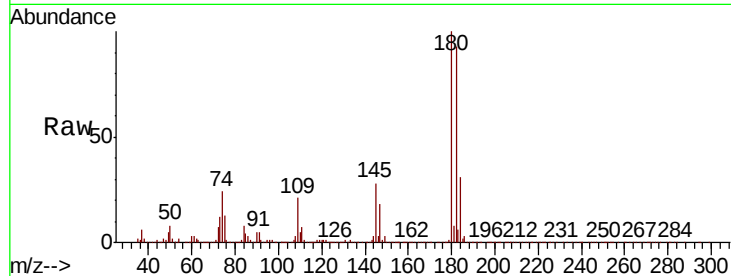
#89
1,2,4-Trichlorobenzene
Concen: 19.435 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	201952		
182	96.7	74.7	112.1	
145	28.1	22.1	33.1	

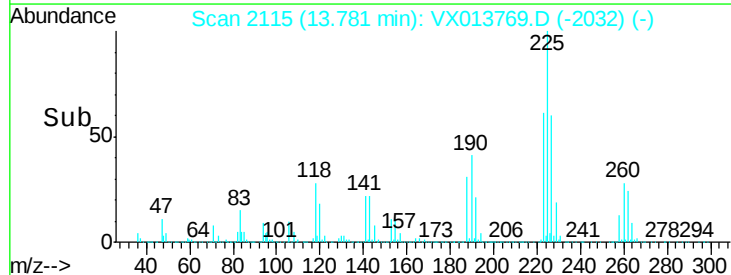
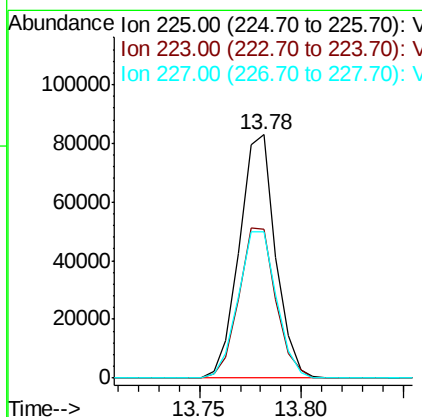
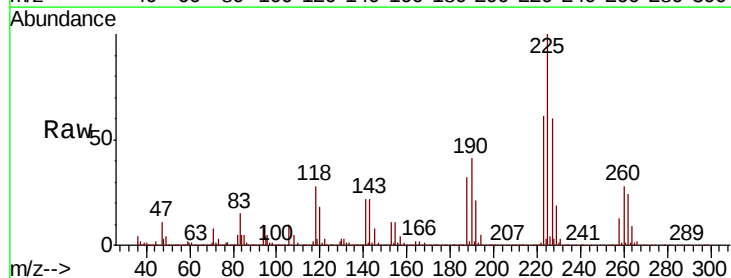
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#90
Hexachlorobutadiene
Concen: 20.518 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102168		
223	62.9	0.0	123.0	
227	63.4	0.0	121.8	





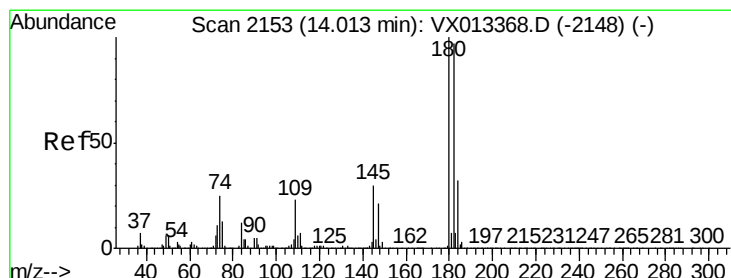
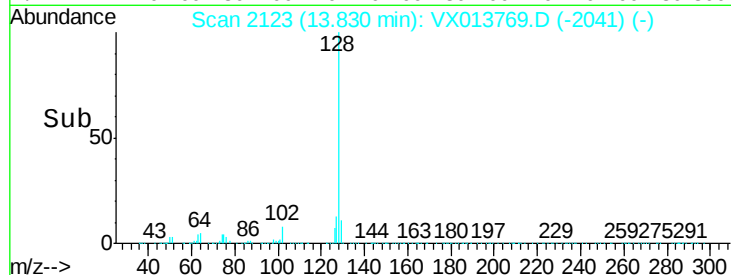
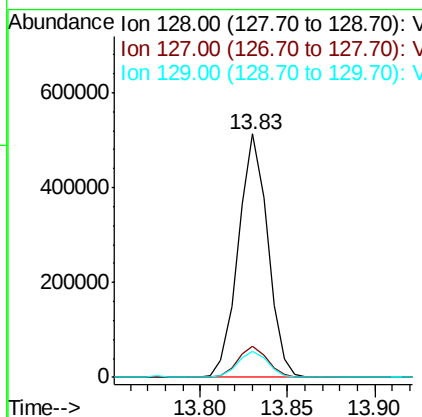
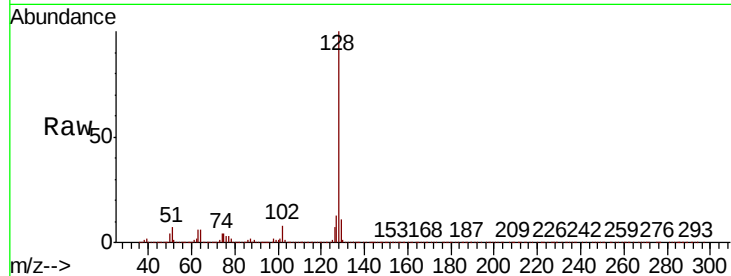
#91
Naphthalene
Concen: 18.327 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 19.605 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013769.D
Acq: 05 Dec 2019 12:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	0.0	191.0
145	29.5	0.0	59.0

