

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013766.D
 Acq On : 05 Dec 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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 12/6/2019 9:30:40 AM

Quant Time: Dec 06 02:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	119829	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	675275	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	601141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	251595	28.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.77%
60) 4-Bromofluorobenzene	11.13	95	287916	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.71	98	820164	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	181074	20.168	ug/l 100
3) Chloromethane	1.32	50	185079	18.914	ug/l 99
4) Vinyl Chloride	1.40	62	222676	20.028	ug/l 99
5) Bromomethane	1.63	94	118209	17.685	ug/l 99
6) Chloroethane	1.72	64	121001	19.798	ug/l 99
7) Trichlorofluoromethane	1.92	101	243324	20.328	ug/l 99
8) Diethyl Ether	2.18	74	109560	20.046	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149870	20.811	ug/l 100
10) 1,1-Dichloroethene	2.36	96	144959	19.587	ug/l 99
11) Methyl Iodide	2.50	142	144194	15.780	ug/l 98
12) Methyl Acetate	2.76	43	239456	18.465	ug/l 99
13) Acrolein	2.28	56	117970	85.641	ug/l 99
14) Acrylonitrile	3.12	53	417722	87.597	ug/l 99
15) Acetone	2.43	58	164374	113.811	ug/l 99
16) Carbon Disulfide	2.56	76	400524	19.404	ug/l 100
17) Allyl chloride	2.72	41	259646	19.051	ug/l 98
18) Methylene Chloride	2.84	84	164520	19.593	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	156271	19.758	ug/l 98
20) Diisopropyl ether	3.84	45	519051	19.796	ug/l 93
21) 1,1-Dichloroethane	3.69	63	281321	19.699	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	176652	19.590	ug/l 99
23) tert-Butyl Alcohol	3.03	59	186588	81.305	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	485437	19.819	ug/l 100
25) Chloroform	5.20	83	275411	19.702	ug/l 100
26) Cyclohexane	5.56	56	253224	19.525	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	211884	20.543	ug/l 99
30) 2-Butanone	4.65	43	658087	96.666	ug/l 100
31) 2,2-Dichloropropane	4.56	77	235536	21.086	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	235503	20.543	ug/l 100
33) Carbon Tetrachloride	5.77	117	204445	20.532	ug/l 98
34) Benzene	6.13	78	638599	20.413	ug/l 99
35) Methacrylonitrile	5.03	41	128242	18.863	ug/l 97
36) 1,2-Dichloroethane	6.18	62	224402	20.493	ug/l 99
37) Trichloroethene	7.20	130	177612	21.192	ug/l 93
38) Methylcyclohexane	7.45	83	266602	21.081	ug/l 98
39) 1,2-Dichloropropane	7.50	63	162052	20.033	ug/l 100
40) Dibromomethane	7.65	93	108221	20.103	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	214615	20.422	ug/l	99
42) Vinyl Acetate	3.80	43	2097051	97.839	ug/l	100
43) Ethyl Acetate	4.81	43	231243	18.624	ug/l	99
44) Isopropyl Acetate	6.43	43	374866	18.782	ug/l	100
45) 1,4-Dioxane	7.73	88	75011	340.406	ug/l	99
46) Methyl methacrylate	7.76	41	188059	18.942	ug/l	97
47) n-amyl Acetate	10.89	43	326606	18.655	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	232165	19.702	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	263026	20.370	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	163855	20.569	ug/l	97
51) Ethyl methacrylate	9.17	69	254156	19.378	ug/l	99
52) 1,3-Dichloropropane	9.36	76	273210	20.062	ug/l	99
53) Dibromochloromethane	9.57	129	172709	20.456	ug/l	97
54) 1,2-Dibromoethane	9.67	107	169201	19.864	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	596627	106.460	ug/l	99
56) Bromoform	10.85	173	131091	19.511	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	1174126	93.496	ug/l	99
59) 2-Hexanone	9.48	43	927358	93.331	ug/l	99
61) Tetrachloroethene	9.33	164	162018	21.857	ug/l	99
62) Toluene	8.78	91	695167	20.761	ug/l	100
64) Chlorobenzene	10.13	112	435361	20.794	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	161334	20.586	ug/l	99
66) Ethyl Benzene	10.25	91	762578	20.730	ug/l	99
67) m/p-Xylenes	10.36	106	589751	41.561	ug/l	100
68) o-Xylene	10.69	106	282967	20.663	ug/l	100
69) Styrene	10.71	104	482521	20.634	ug/l	99
70) Isopropylbenzene	11.01	105	762327	21.126	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	250530	19.390	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	204574m	18.752	ug/l	
73) Bromobenzene	11.25	156	197181	20.720	ug/l	96
74) n-propylbenzene	11.35	91	864484	21.080	ug/l	99
75) 2-Chlorotoluene	11.42	91	509947	20.911	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	632633	20.857	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	80498	18.248	ug/l	96
78) 4-Chlorotoluene	11.51	91	575120	20.584	ug/l	98
79) tert-butylbenzene	11.76	119	618244	20.202	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	630949	20.874	ug/l	99
81) sec-Butylbenzene	11.94	105	744701	21.328	ug/l	100
82) p-Isopropyltoluene	12.06	119	685772	21.317	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	344416	20.586	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	344094	20.720	ug/l	99
85) n-Butylbenzene	12.39	91	574880	20.705	ug/l	99
86) Hexachloroethane	12.59	117	119732	20.282	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	346991	20.741	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	51683	17.887	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	235384	20.406	ug/l	99
90) Hexachlorobutadiene	13.78	225	115635	20.920	ug/l	97
91) Naphthalene	13.83	128	704040	19.277	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	234721	20.135	ug/l	100

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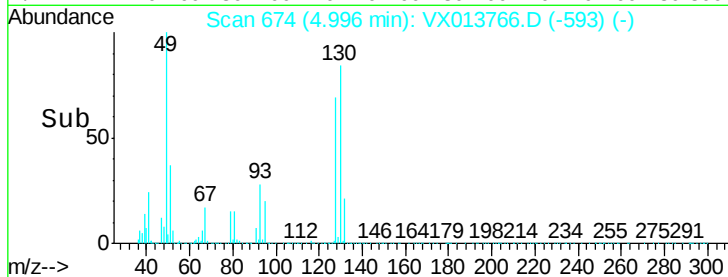
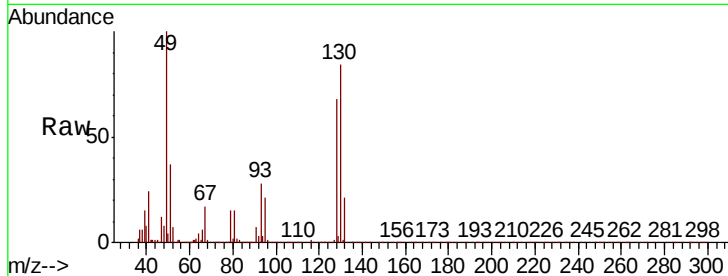
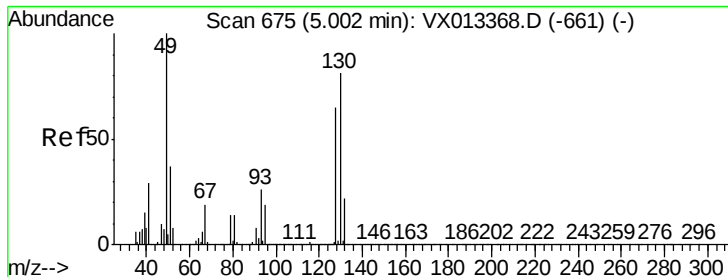
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12/6/2019 9:30:40 AM

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013766.D

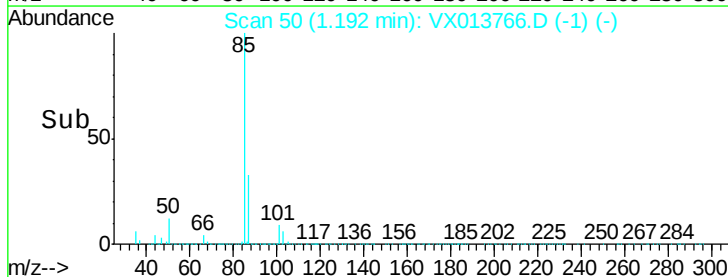
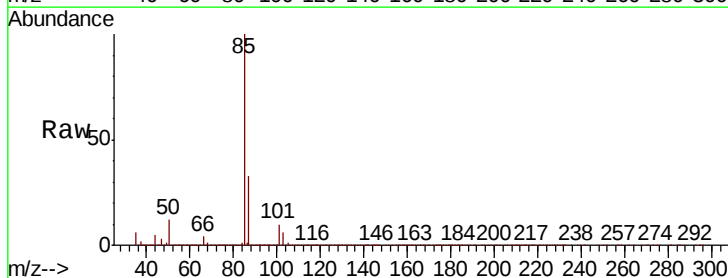
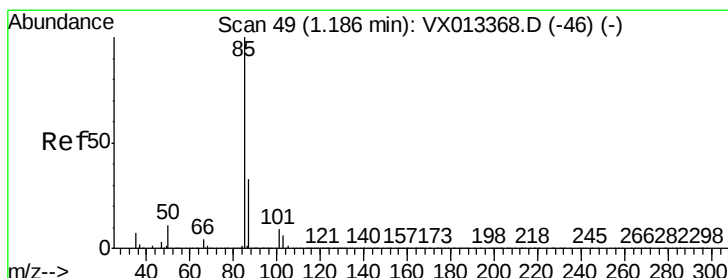
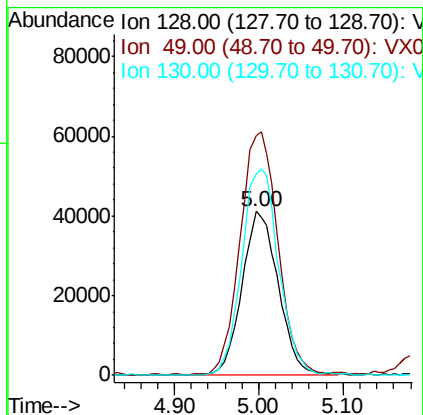
Acq: 05 Dec 2019 10:27

Tot Ion:	128	Resp:	119829
Ion	Ratio	Lower	Upper
128	100		
49	154.8	0.0	388.3
130	129.2	0.0	318.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.168 ug/l

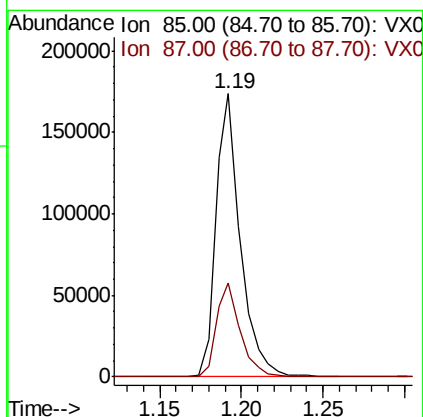
RT: 1.19 min Scan# 50

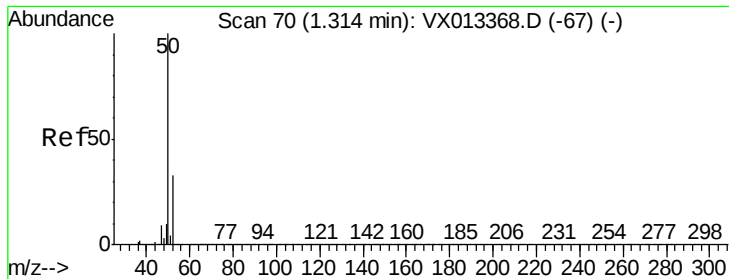
Delta R.T. 0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	85	Resp:	181074
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.7





#3

Chloromethane

Concen: 18.914 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 185079

Ion Ratio Lower Upper

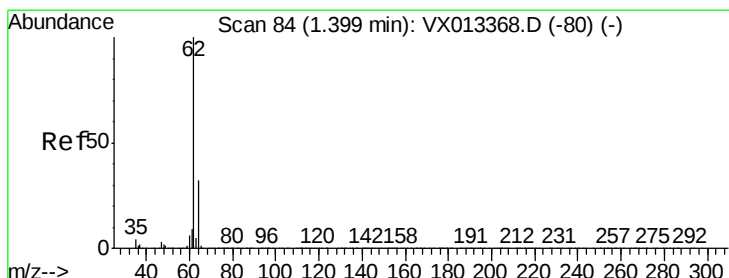
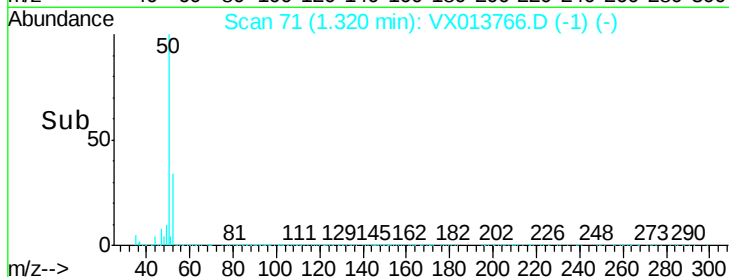
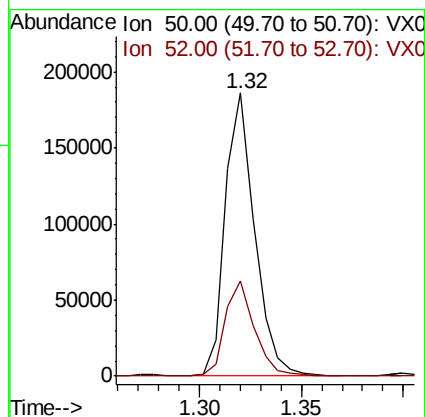
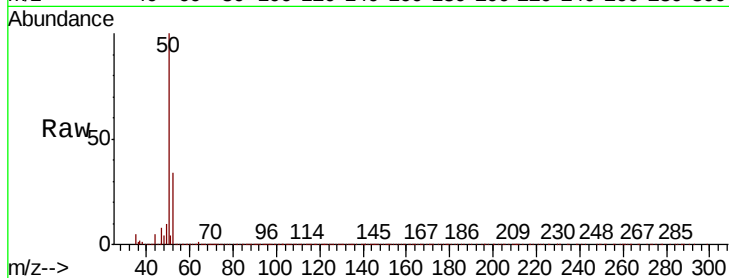
50 100

52 33.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 20.028 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013766.D

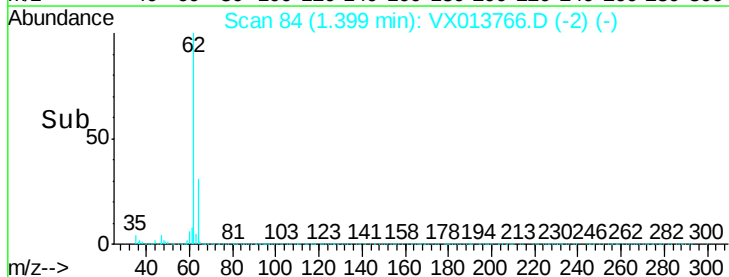
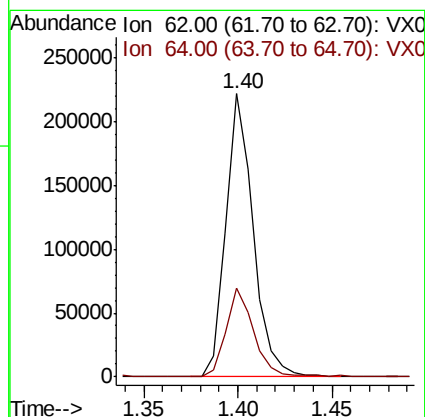
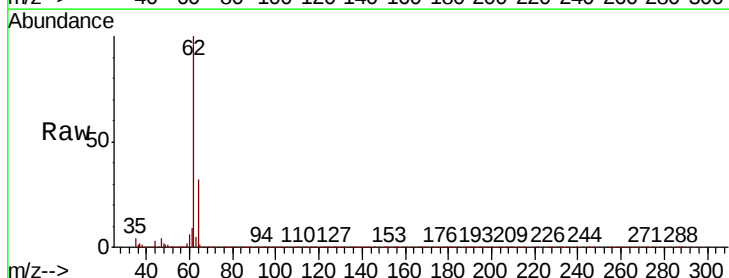
Acq: 05 Dec 2019 10:27

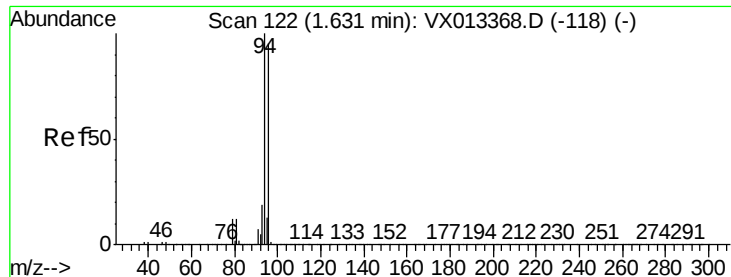
Tgt Ion: 62 Resp: 222676

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 17.685 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 118209

Ion Ratio Lower Upper

94 100

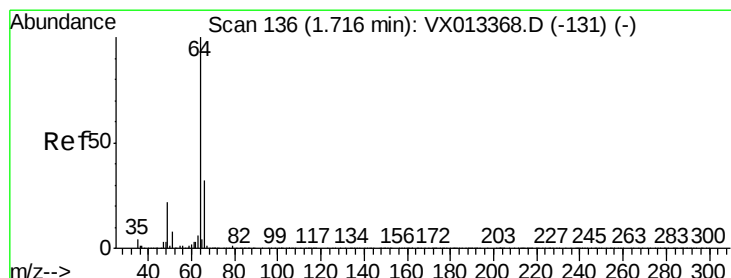
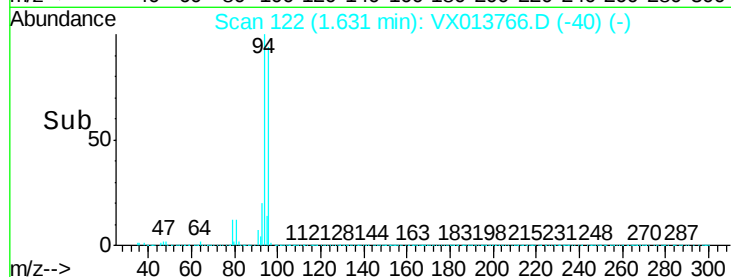
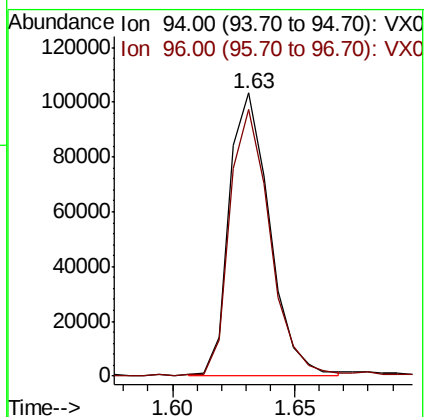
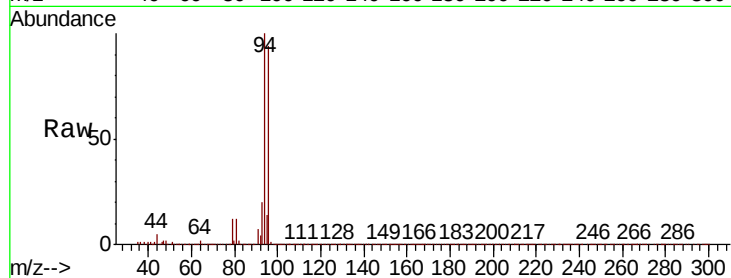
96 94.1 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 19.798 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013766.D

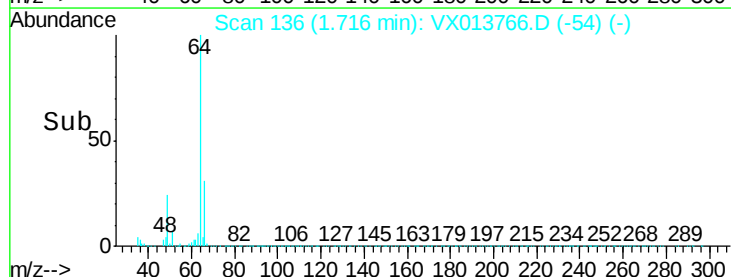
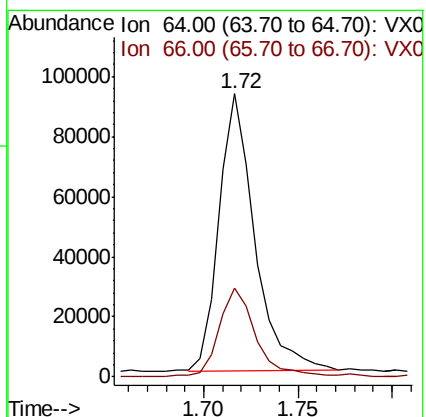
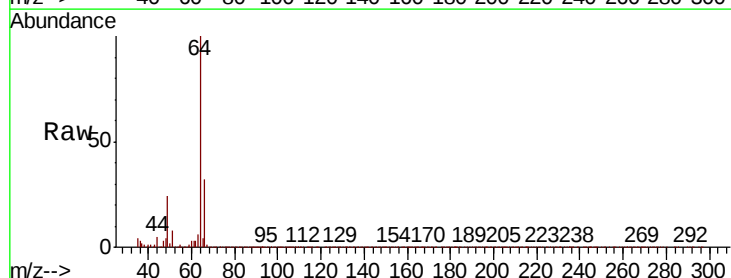
Acq: 05 Dec 2019 10:27

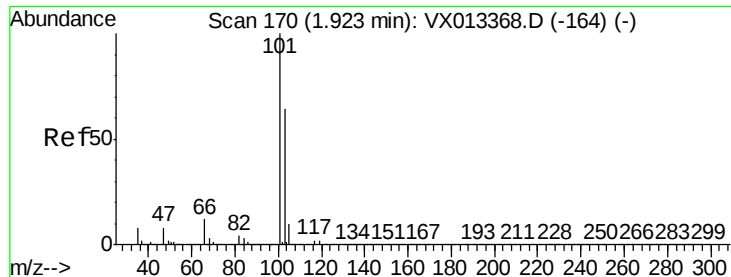
Tgt Ion: 64 Resp: 121001

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

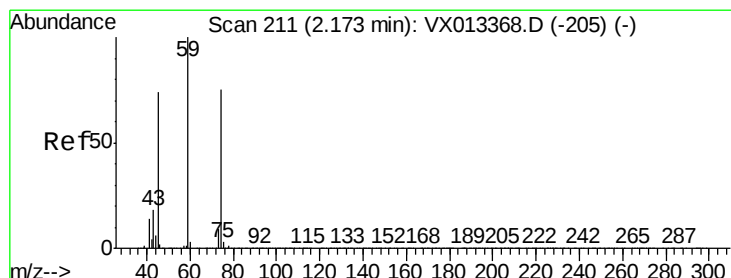
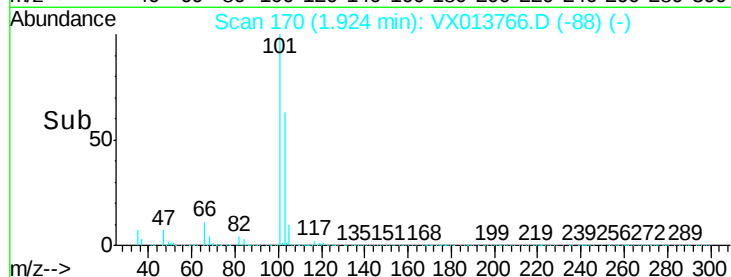
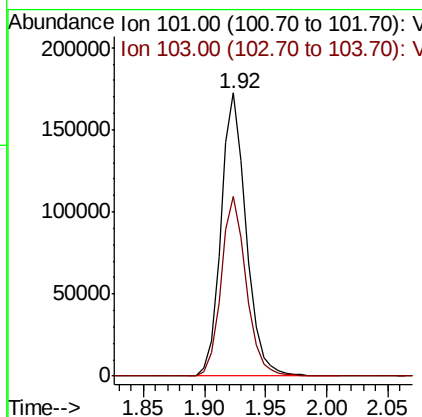
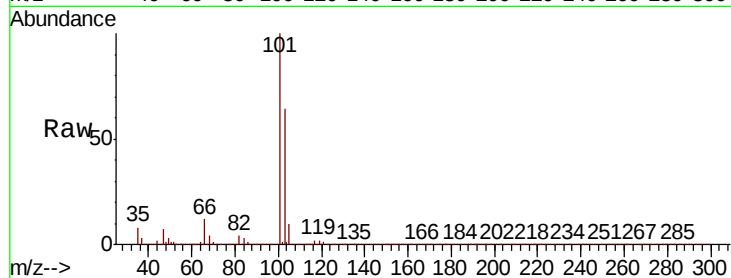
Trichlorofluoromethane
Concen: 20.328 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.2	76.8

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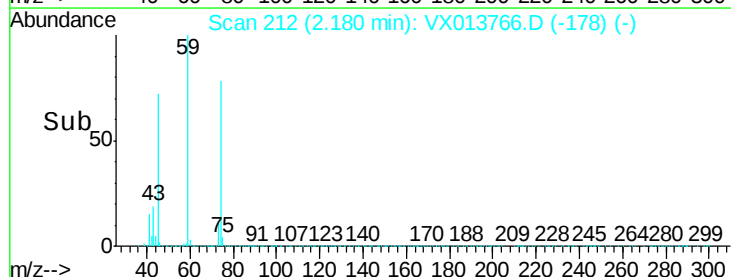
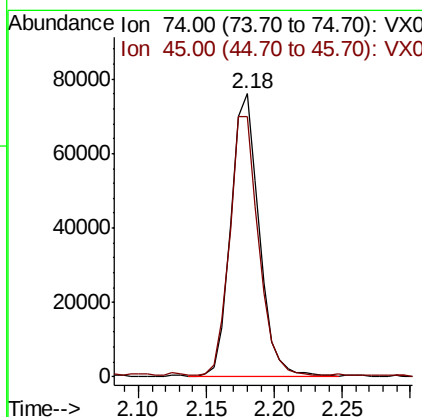
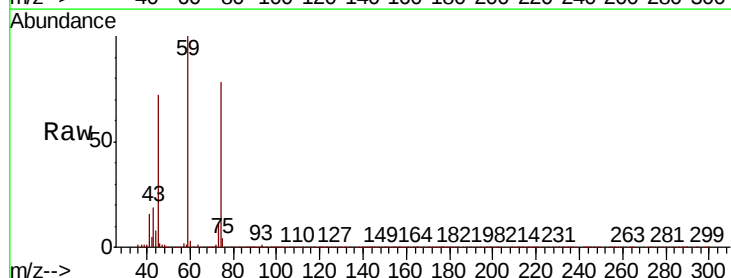
apatel
12/6/2019 9:30:40 AM

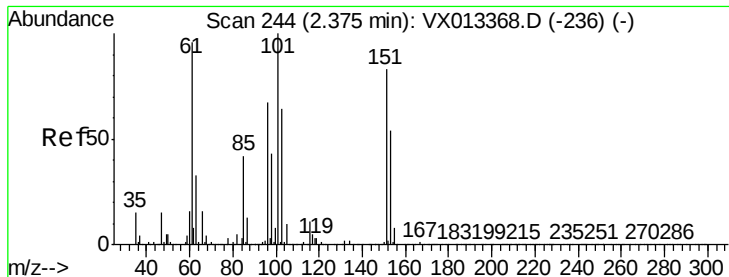


#8

Diethyl Ether
Concen: 20.046 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.811 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

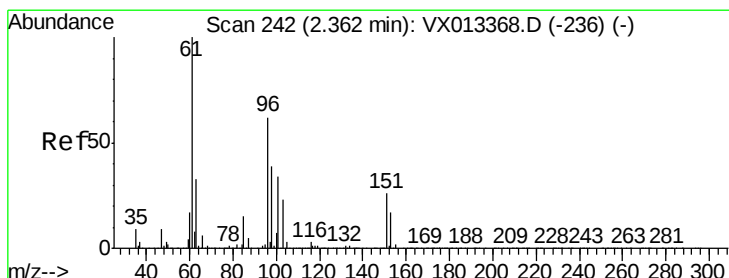
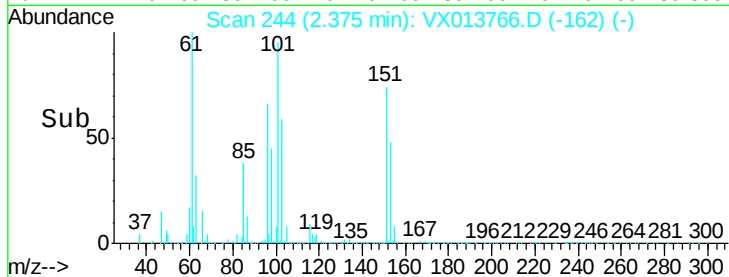
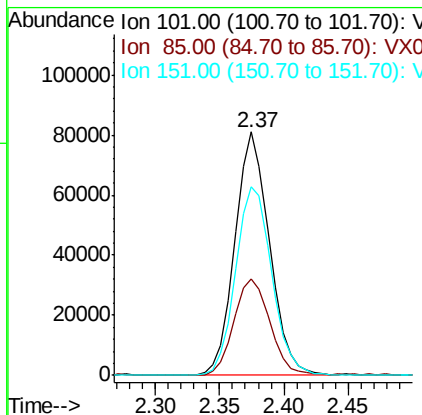
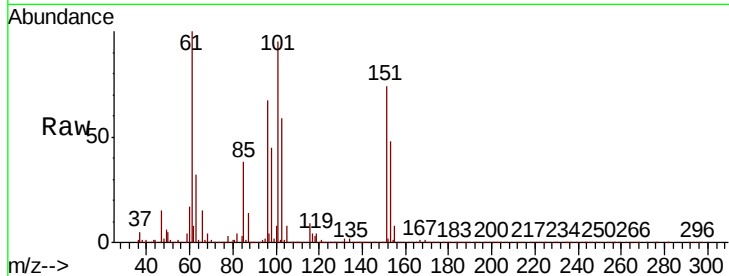
ClientSampleId :

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Tot Ion:	101	Resp:	149870
Ion Ratio	Lower	Upper	
101	100		
85	41.2	0.0	83.2
151	81.8	0.0	163.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.587 ug/l

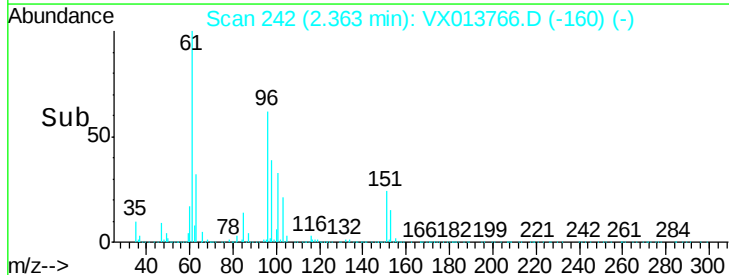
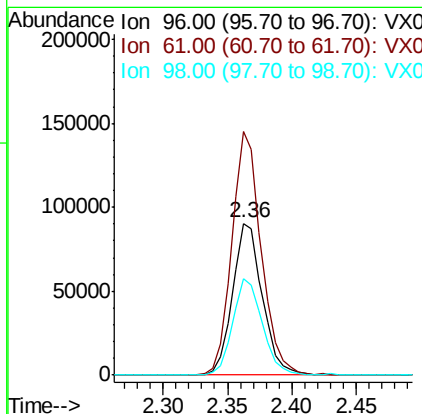
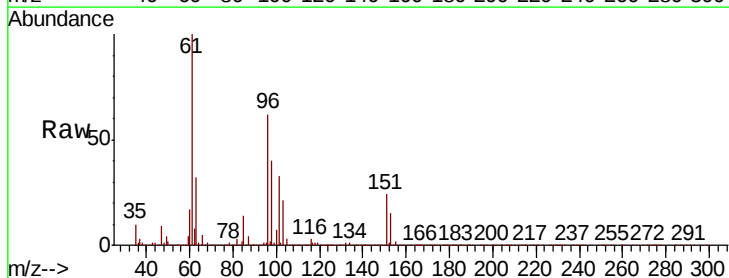
RT: 2.36 min Scan# 242

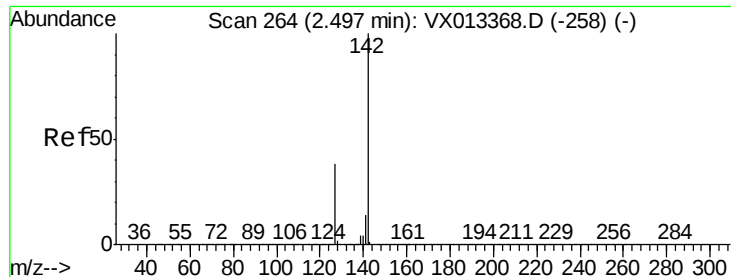
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	96	Resp:	144959
Ion Ratio	Lower	Upper	
96	100		
61	160.3	128.9	193.3
98	63.1	49.7	74.5





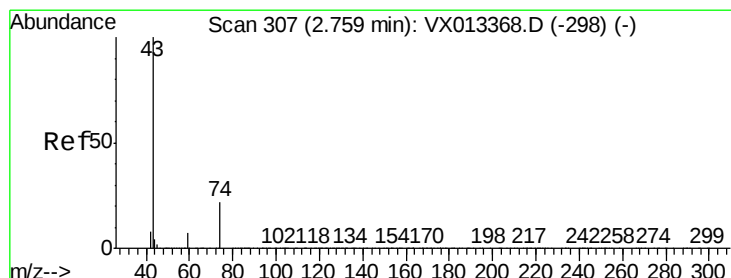
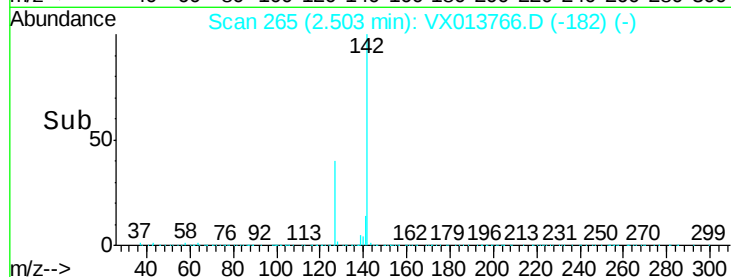
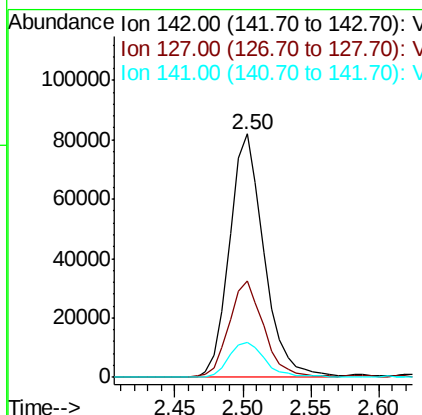
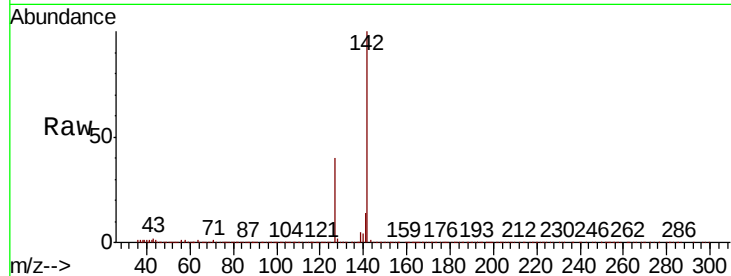
#11
Methyl Iodide
Concen: 15.780 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.6	19.1	57.5
141	14.0	7.0	21.0

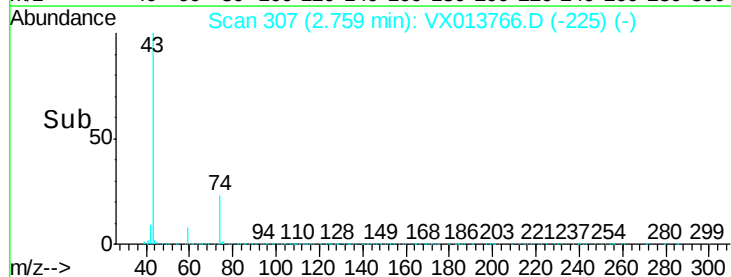
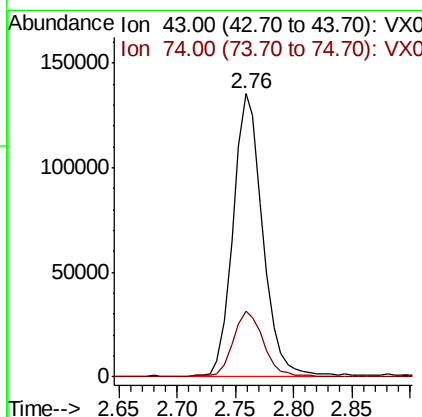
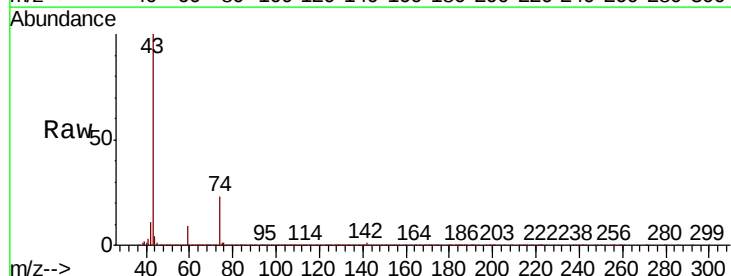
Manual Integrations
APPROVED

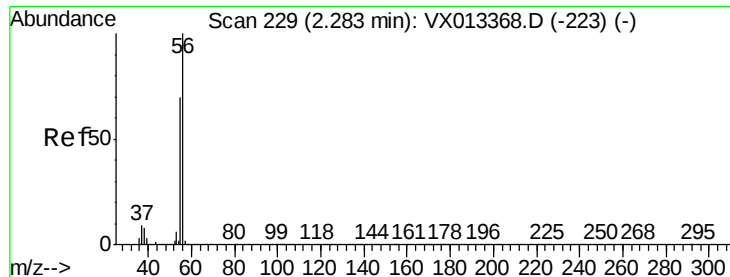
apatel
12/6/2019 9:30:40 AM



#12
Methyl Acetate
Concen: 18.465 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.0	27.0





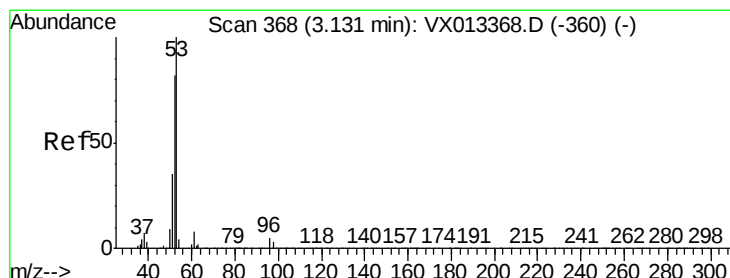
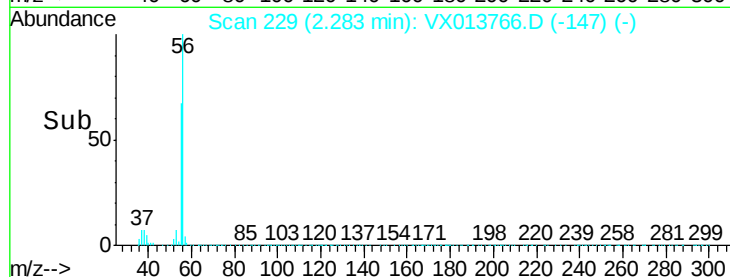
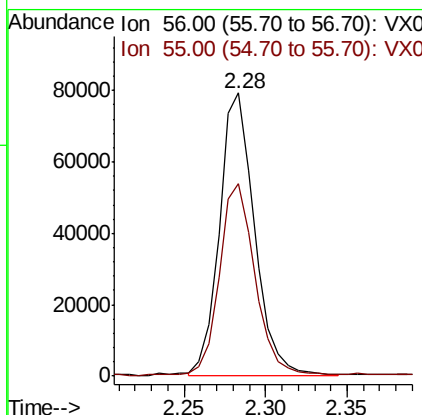
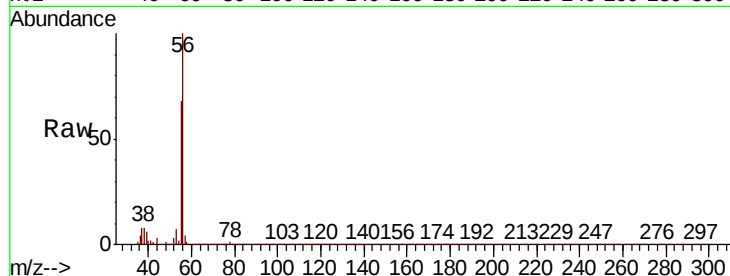
#13
Acrolein
Concen: 85.641 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	68.8	55.8	83.8	

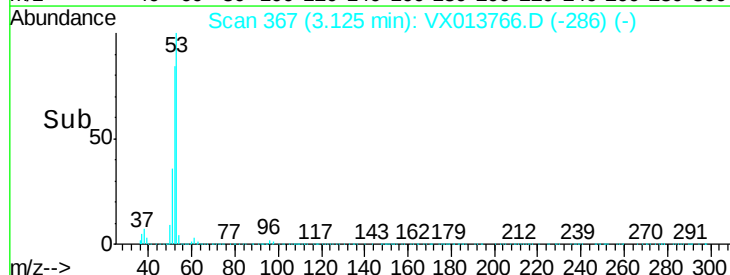
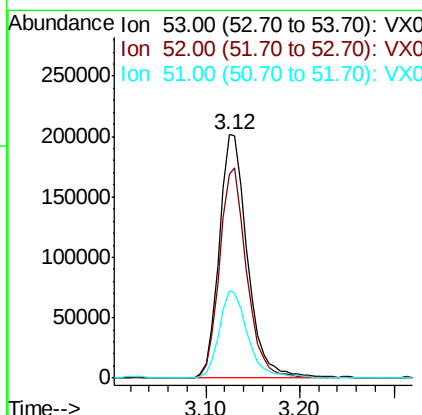
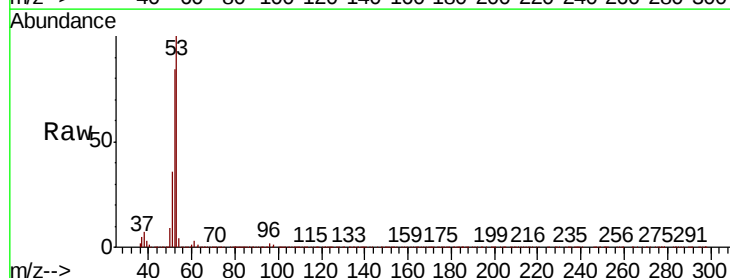
Manual Integrations
APPROVED

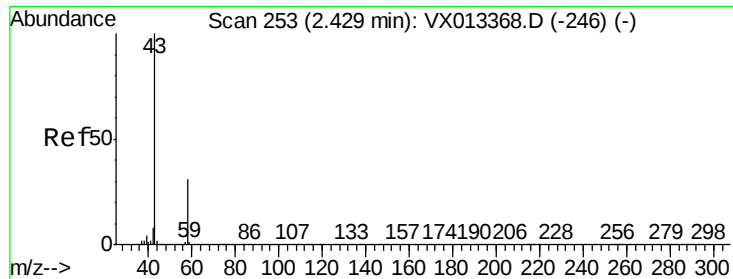
apatel
12/6/2019 9:30:40 AM



#14
Acrylonitrile
Concen: 87.597 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.4	41.0	123.0	
51	35.6	17.3	51.9	





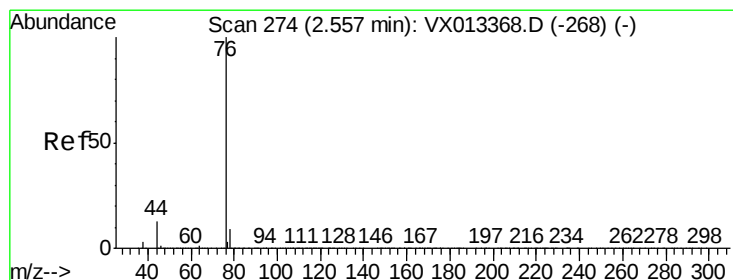
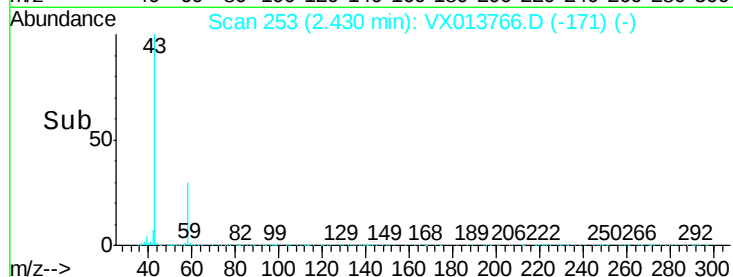
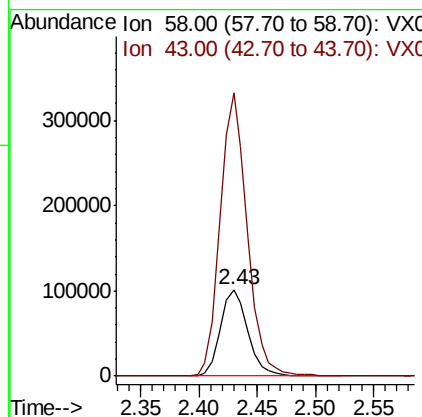
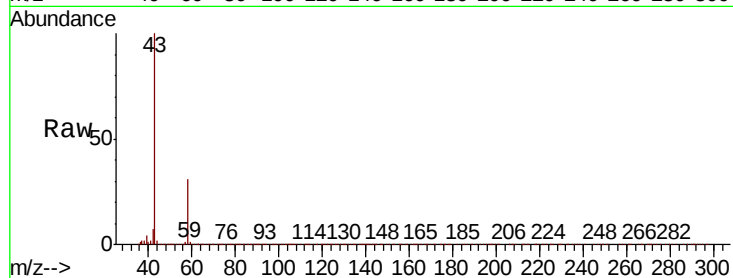
#15
Acetone
Concen: 113.811 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	58	Ratio	Lower	Upper
58	100			
43	327.9	261.4	392.2	

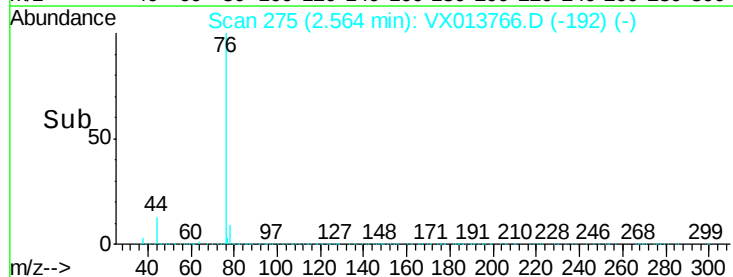
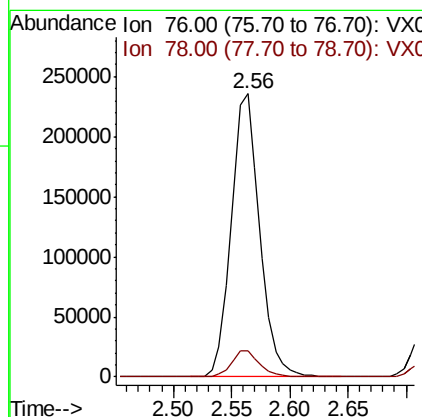
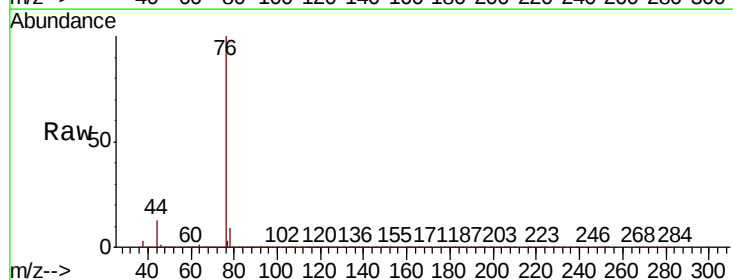
Manual Integrations
APPROVED

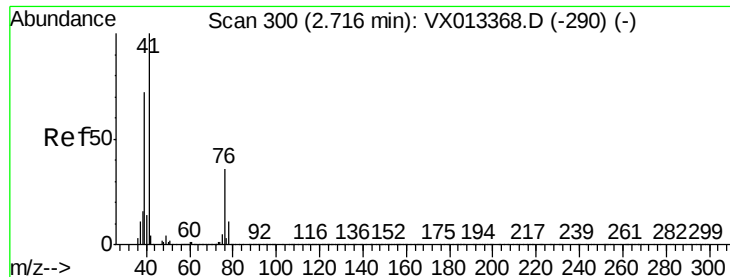
apatel
12/6/2019 9:30:40 AM



#16
Carbon Disulfide
Concen: 19.404 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	76	Ratio	Lower	Upper
76	100			
78	9.3	7.4	11.0	





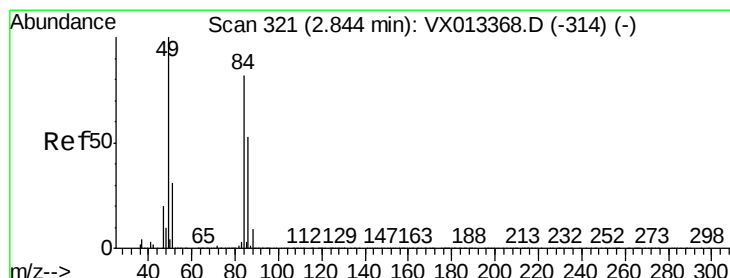
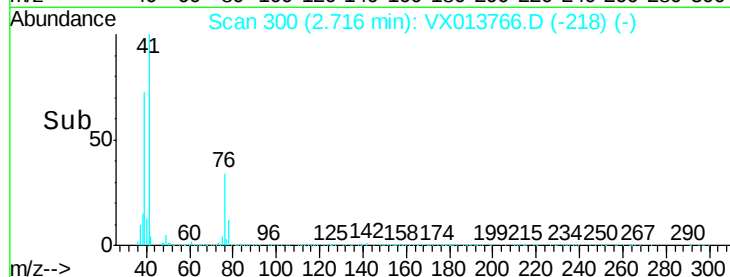
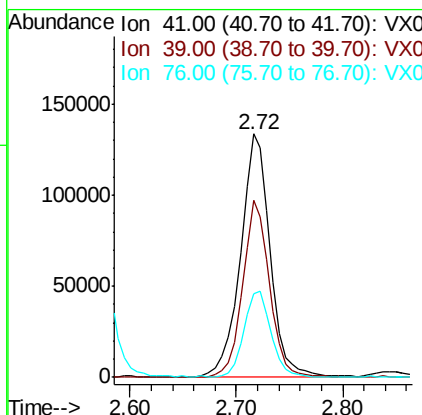
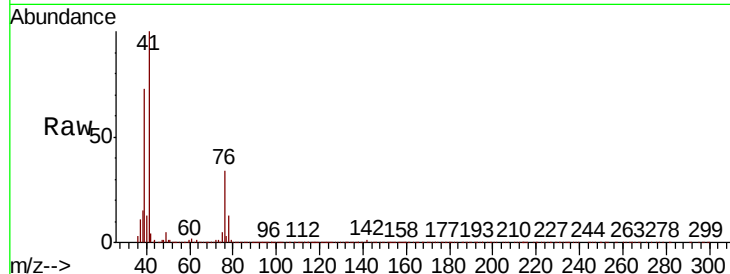
#17
Allvl chloride
Concen: 19.051 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	259646		
39	72.7		36.1	108.3
76	34.1		18.1	54.4

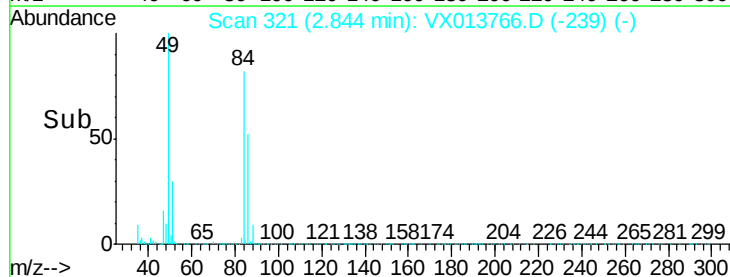
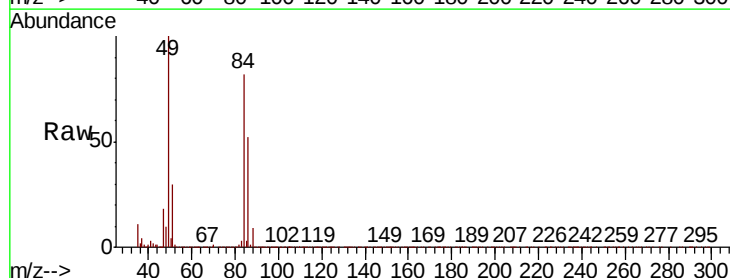
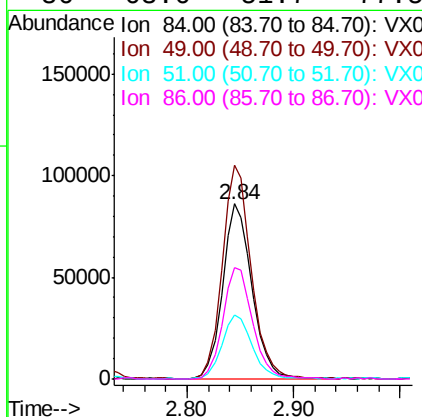
Manual Integrations
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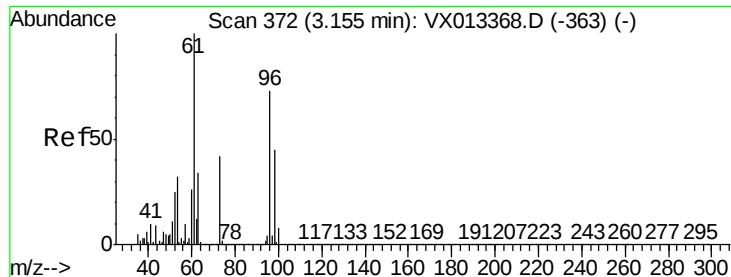
apatel
12/6/2019 9:30:40 AM



#18
Methylene Chloride
Concen: 19.593 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	164520		
49	122.2		96.8	145.2
51	36.4		30.0	45.0
86	63.6		51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.758 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

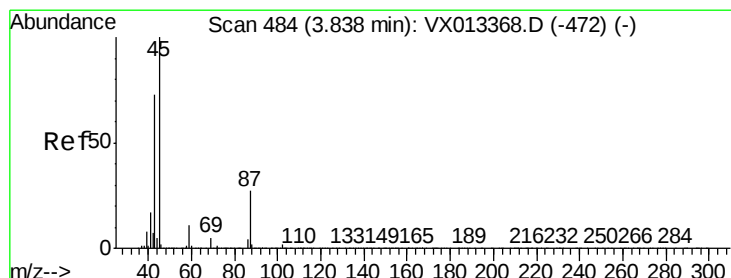
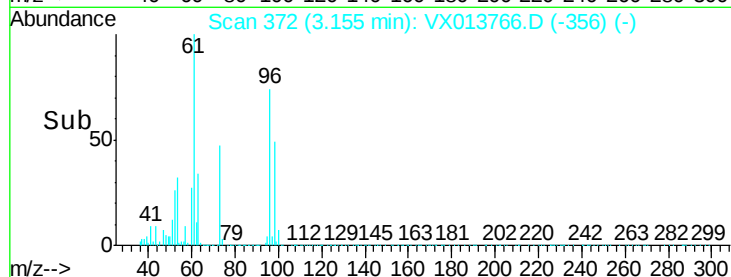
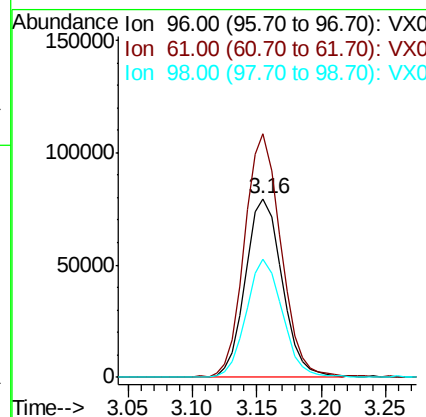
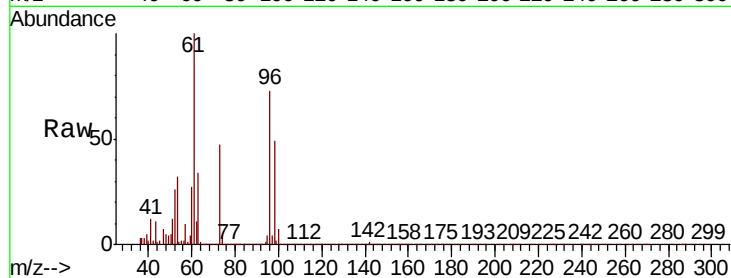
ClientSampled :

VSTDCCC020

Tot Ion:	96	Resp:	156271
Ion Ratio	Lower	Upper	
96	100		
61	136.2	109.9	164.9
98	66.3	49.7	74.5

Manual Integrations
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apatel
12/6/2019 9:30:40 AM



#20

Diisopropyl ether

Concen: 19.796 ug/l

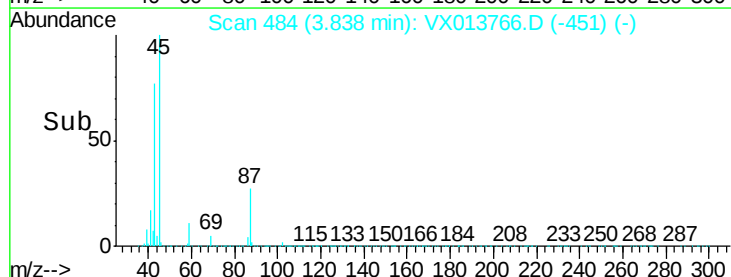
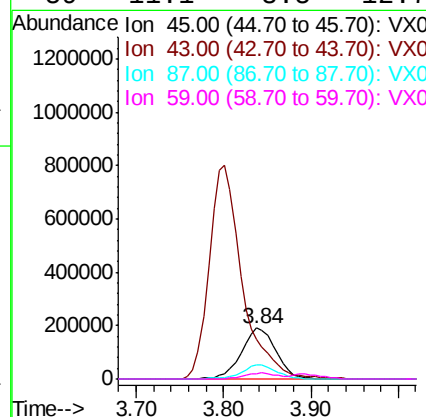
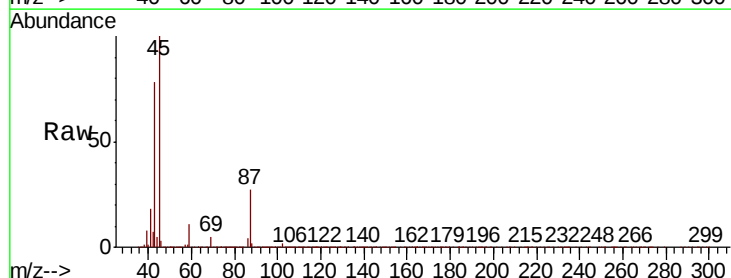
RT: 3.84 min Scan# 484

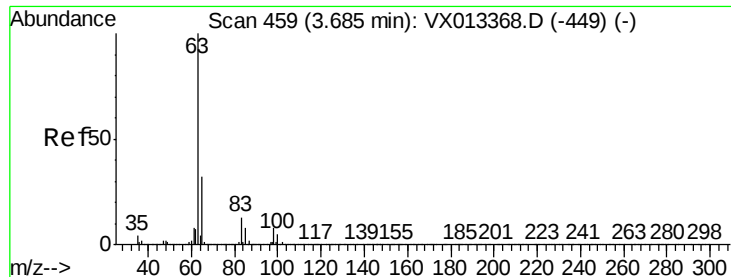
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	45	Resp:	519051
Ion Ratio	Lower	Upper	
45	100		
43	76.3	67.7	101.5
87	26.7	21.5	32.3
59	11.1	8.5	12.7





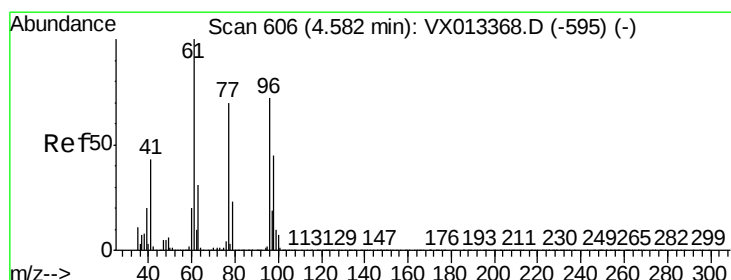
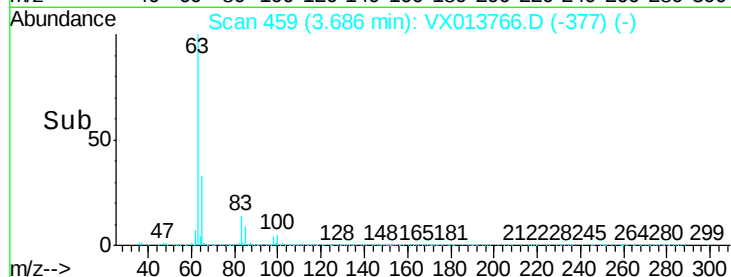
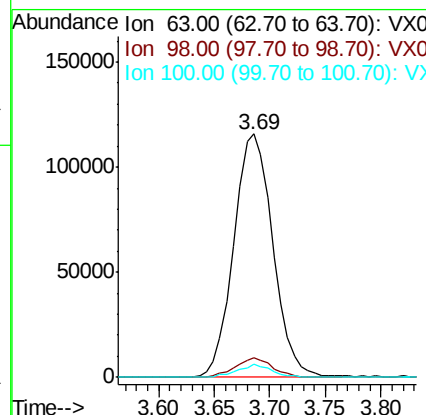
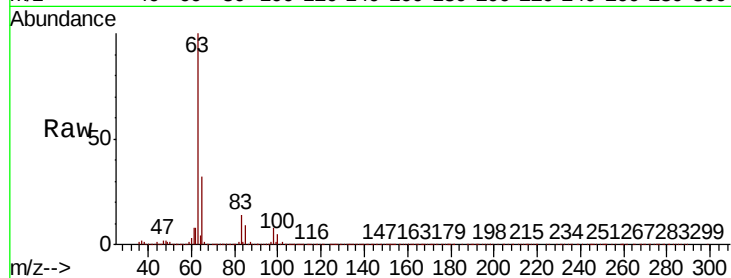
#21
1,1-Dichloroethane
Concen: 19.699 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.8	4.0	11.9
100	5.1	2.5	7.5

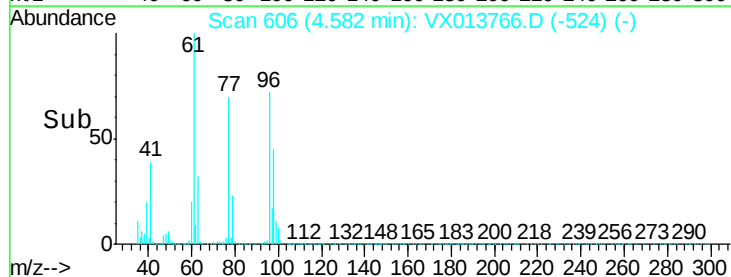
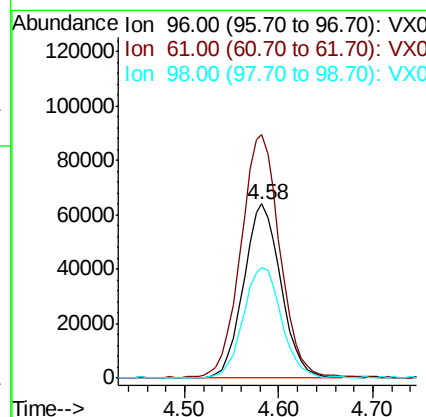
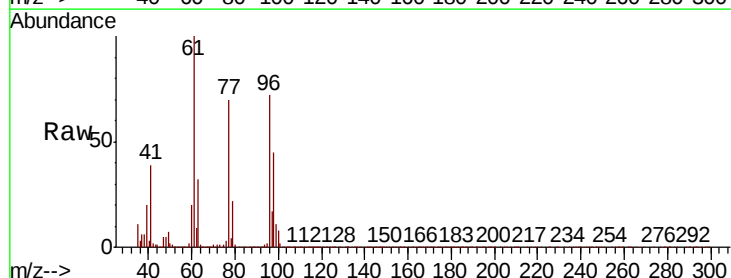
Manual Integrations
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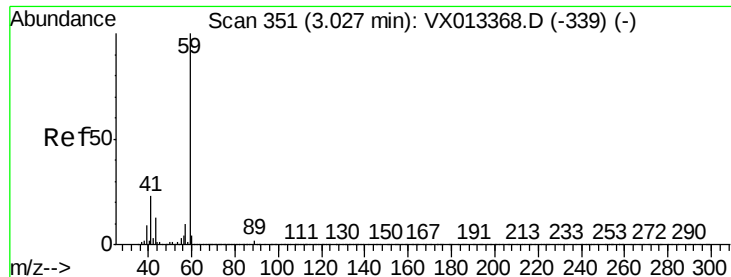
apatel
12/6/2019 9:30:40 AM



#22
cis-1,2-Dichloroethene
Concen: 19.590 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	146.2	117.0	175.6
98	65.2	51.1	76.7





#23

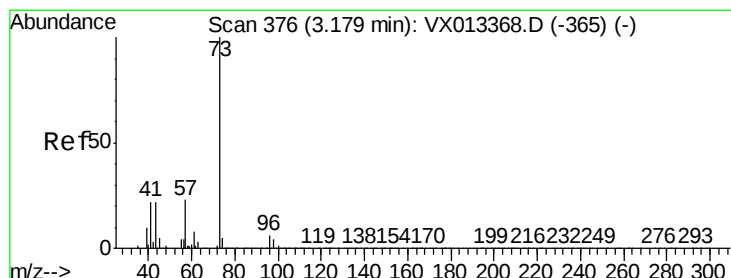
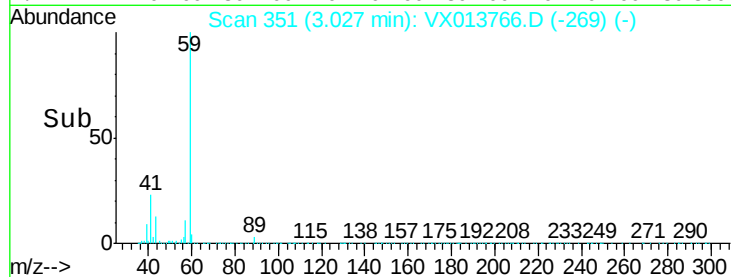
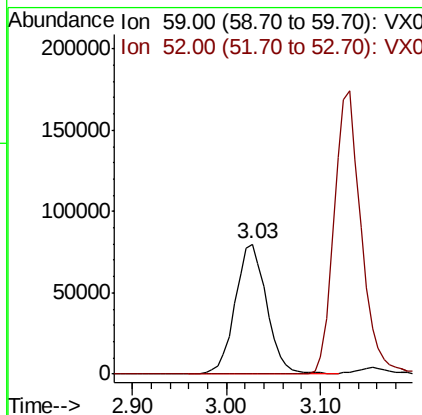
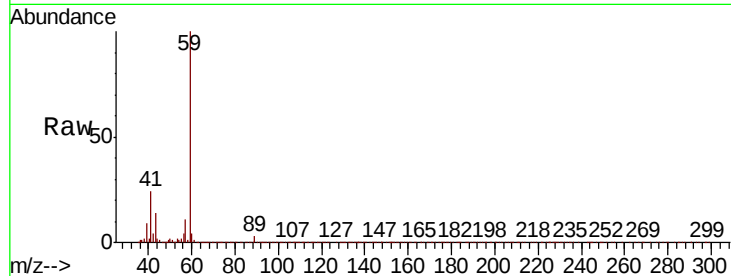
tert-Butyl Alcohol
 Concen: 81.305 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

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

Manual Integrations
 APPROVED

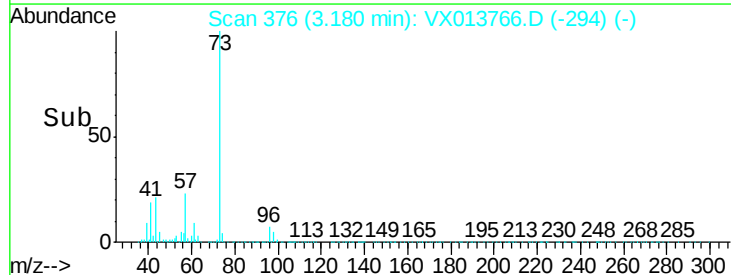
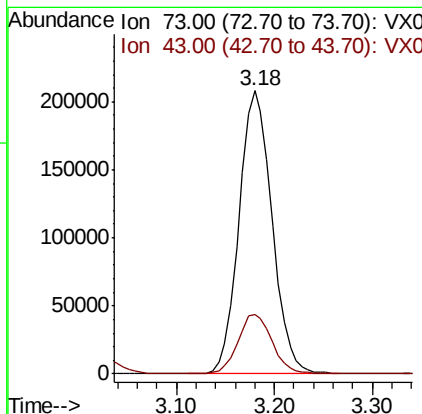
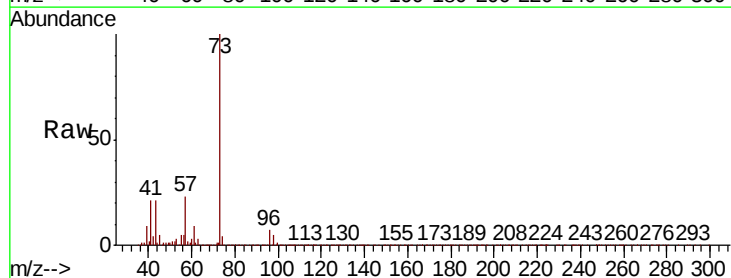
apatel
 12/6/2019 9:30:40 AM

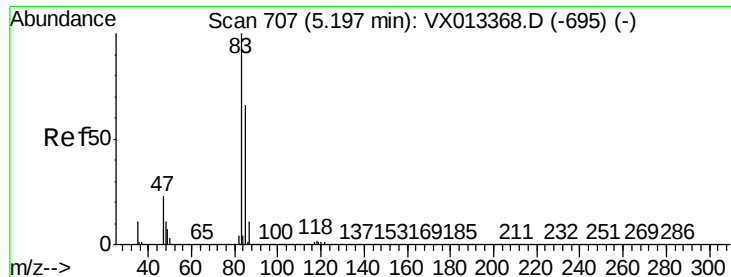


#24

Methyl tert-Butyl Ether
 Concen: 19.819 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.0	25.6





#25

Chloroform

Concen: 19.702 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 275411

Ion Ratio Lower Upper

83 100

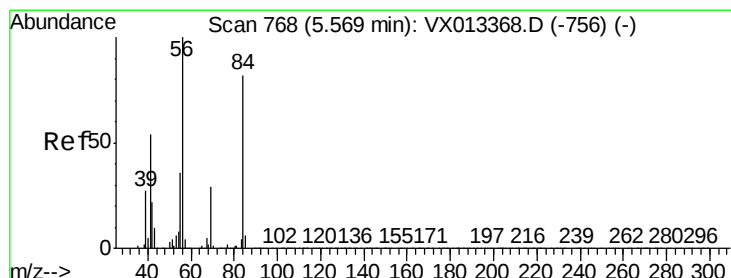
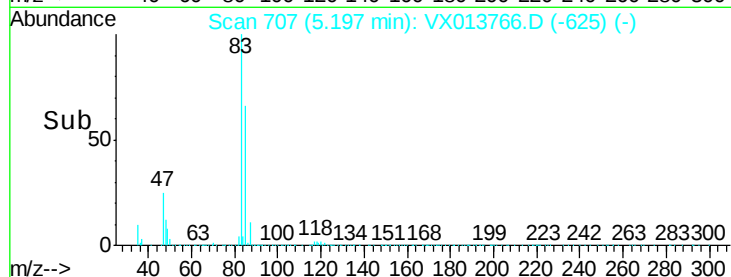
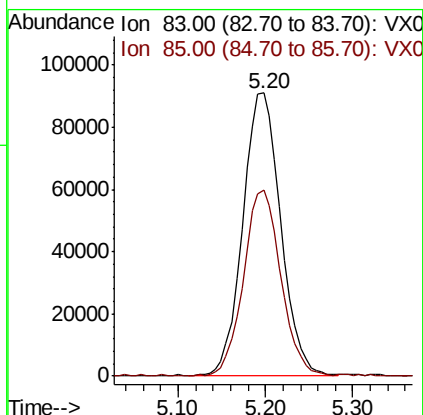
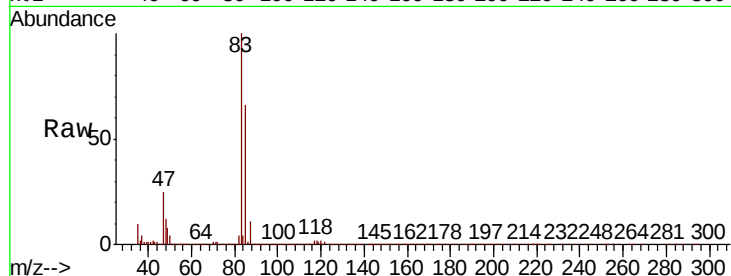
85 65.5 52.4 78.6

Manual Integrations

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apatel

12/6/2019 9:30:40 AM



#26

Cyclohexane

Concen: 19.525 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

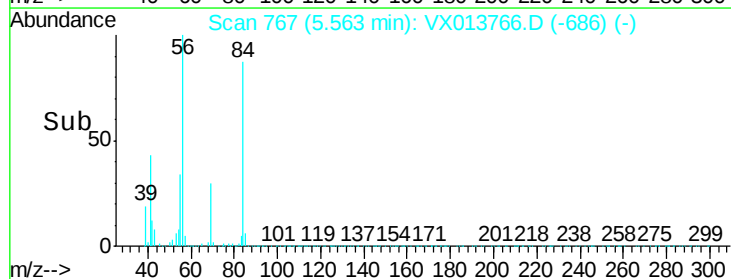
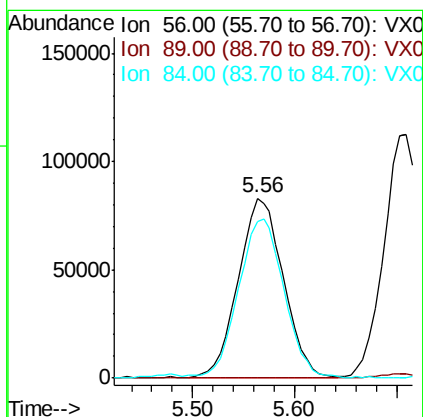
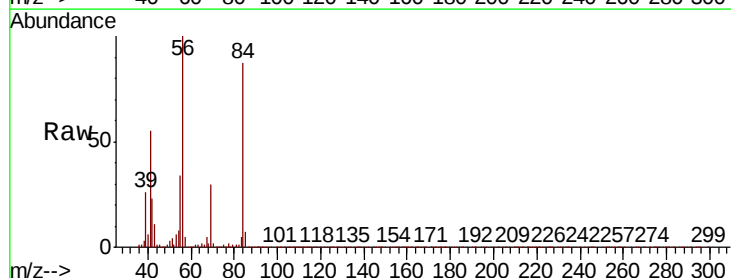
Tgt Ion: 56 Resp: 253224

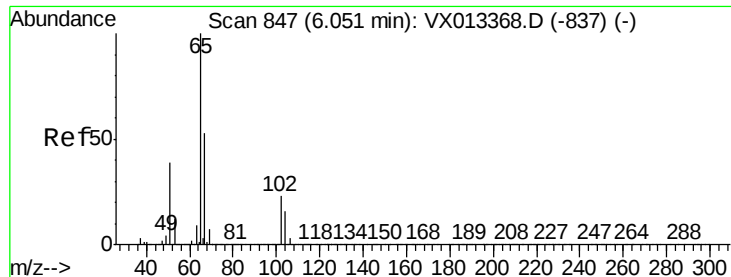
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 89.9 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.434 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 251595

Ion Ratio Lower Upper

65 100

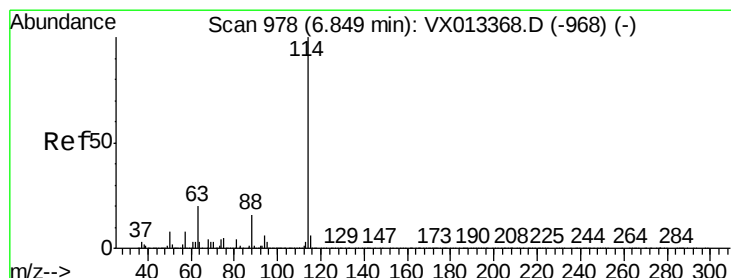
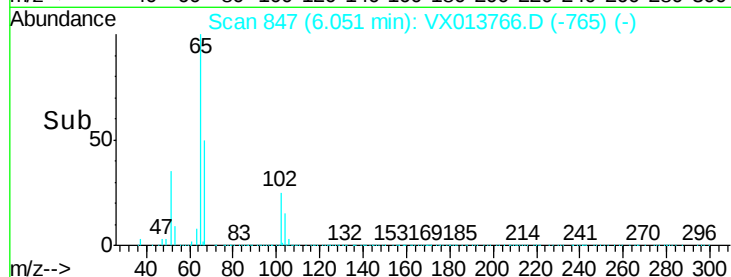
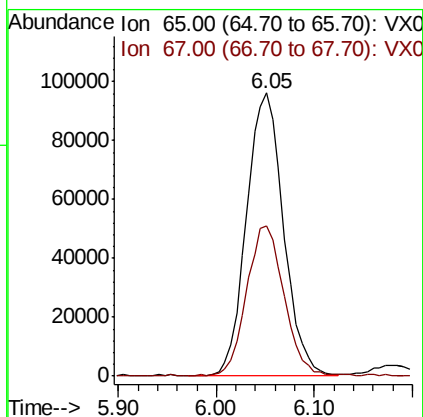
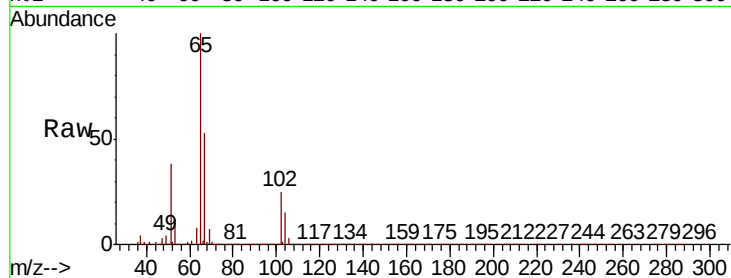
67 53.0 41.0 61.6

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

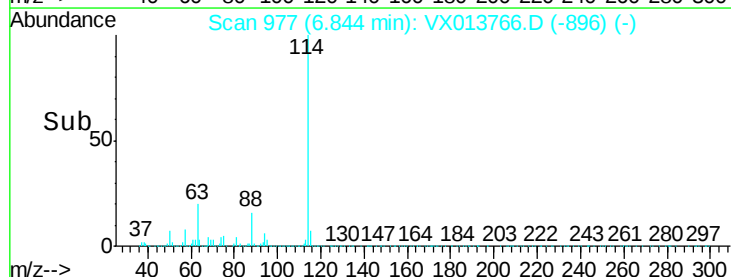
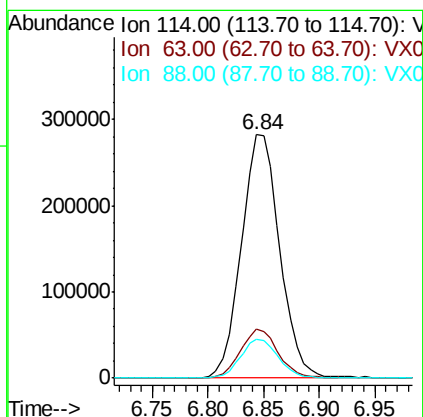
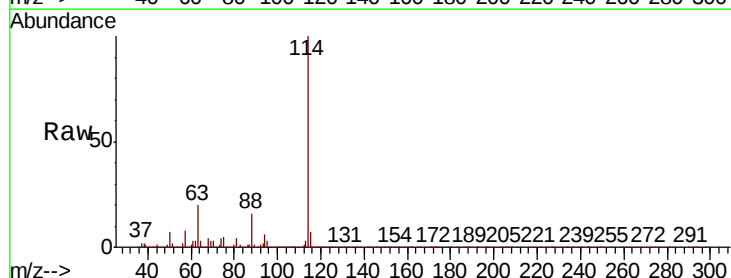
Tgt Ion: 114 Resp: 675275

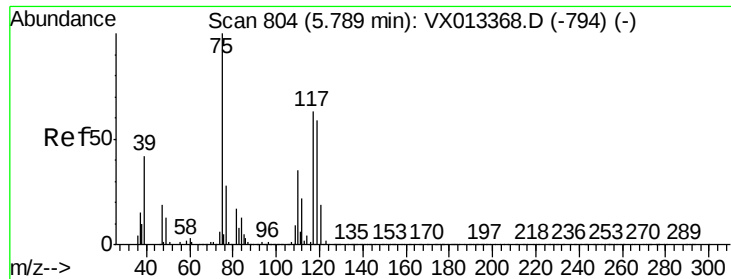
Ion Ratio Lower Upper

114 100

63 19.5 16.1 24.1

88 15.6 12.3 18.5





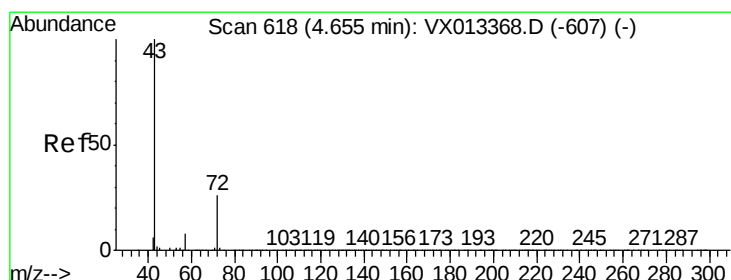
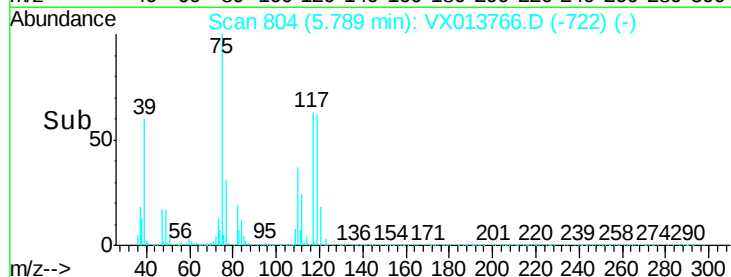
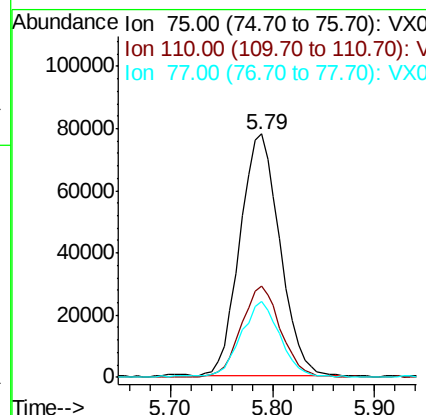
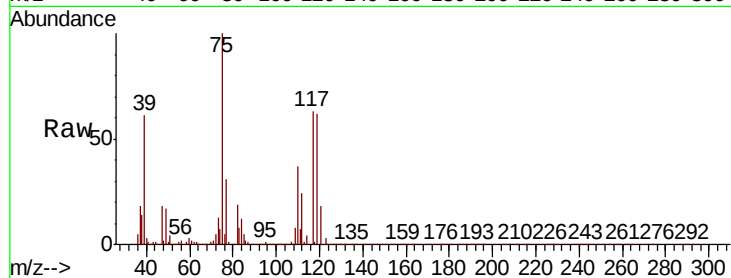
#29
 1,1-Dichloropropene
 Concen: 20.543 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.4	0.0	74.6
77	30.1	0.0	62.6

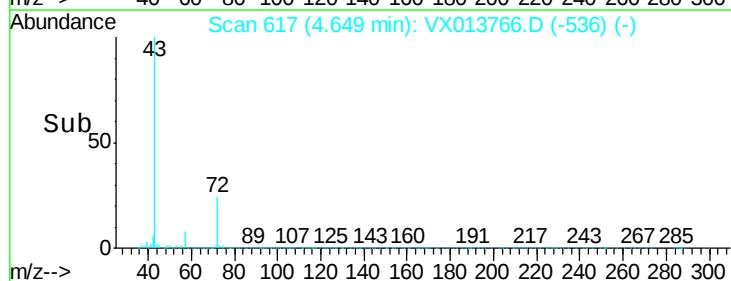
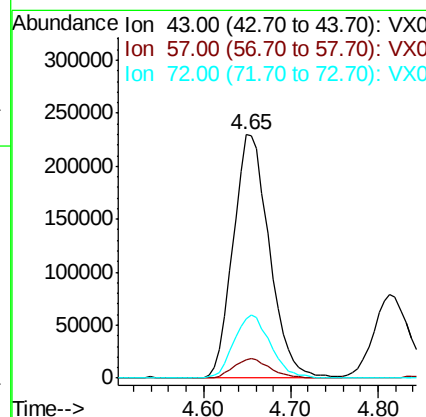
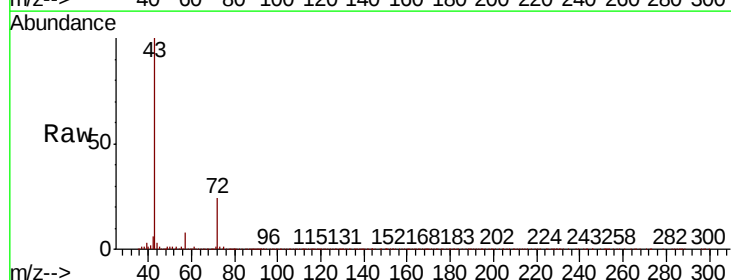
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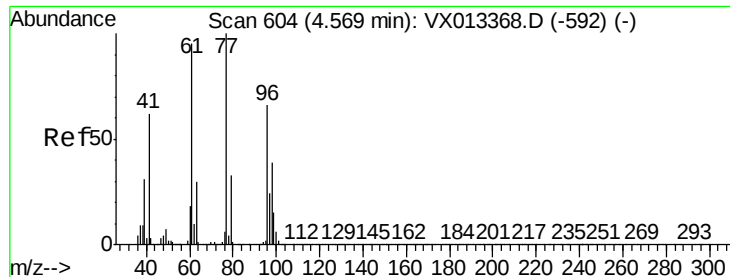
apatel
 12/6/2019 9:30:40 AM



#30
 2-Butanone
 Concen: 96.666 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.1	9.1
72	25.4	20.5	30.7





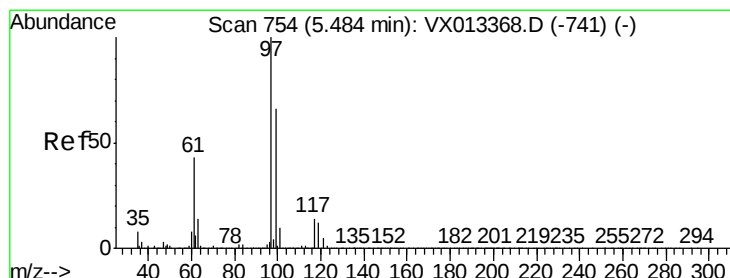
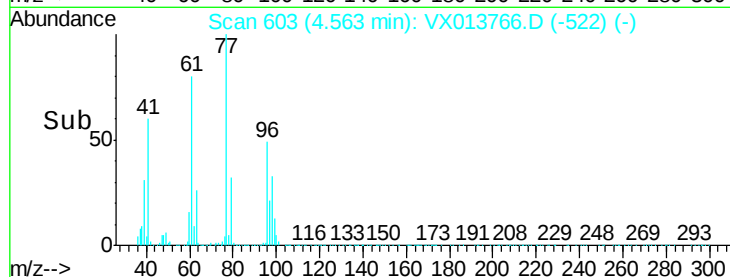
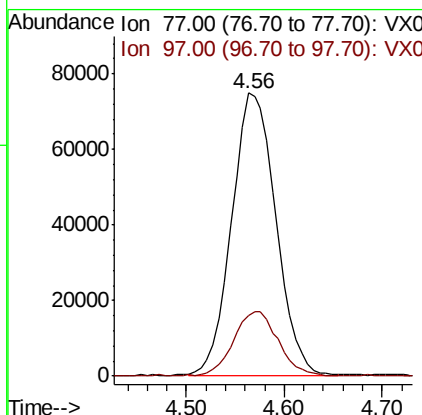
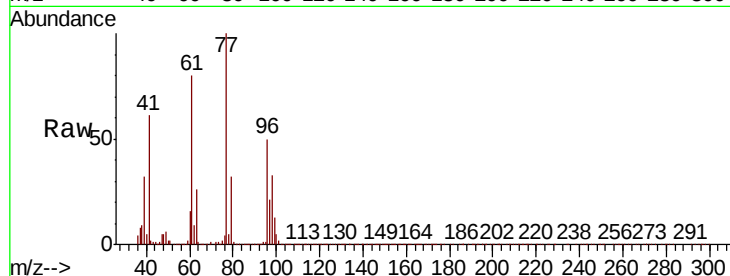
#31
 2,2-Dichloropropane
 Concen: 21.086 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.9	19.2	28.8

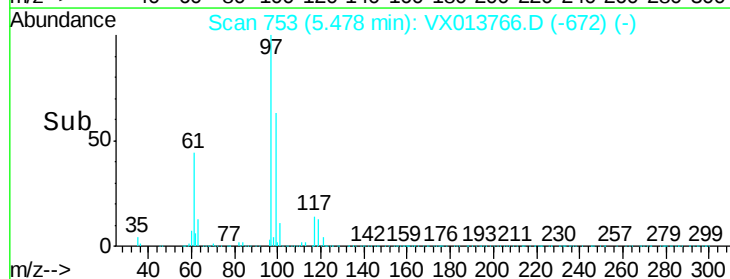
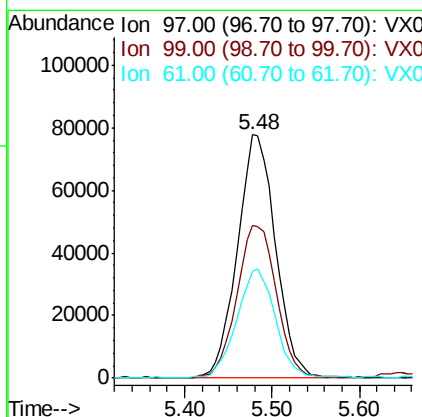
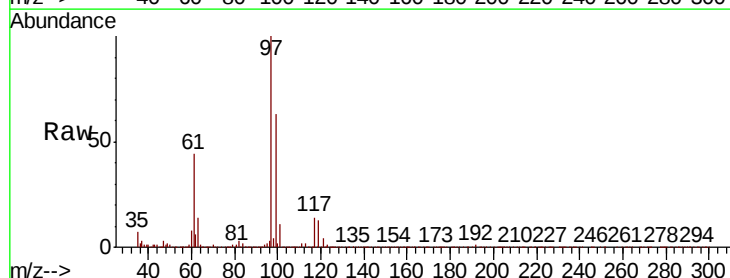
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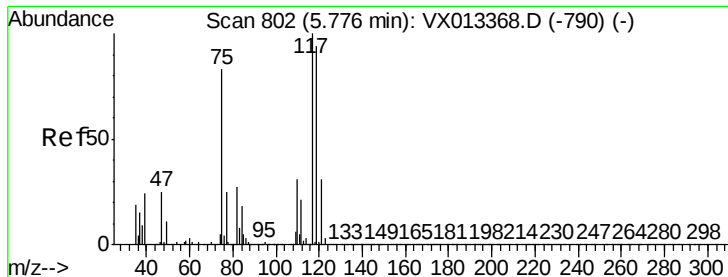
apatel
 12/6/2019 9:30:40 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.543 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.5	78.7
61	44.6	36.1	54.1





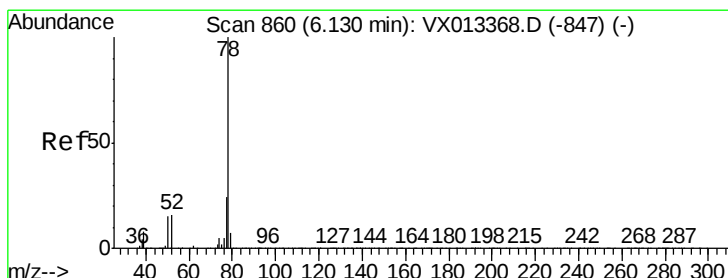
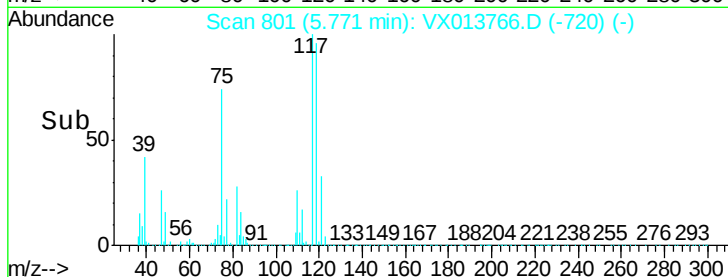
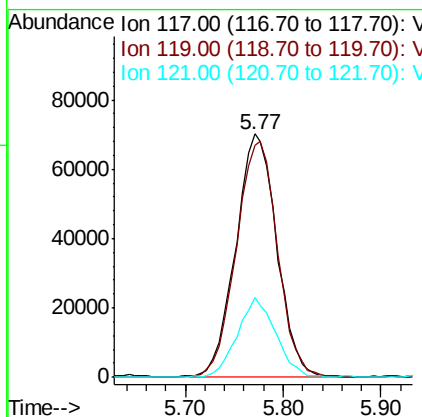
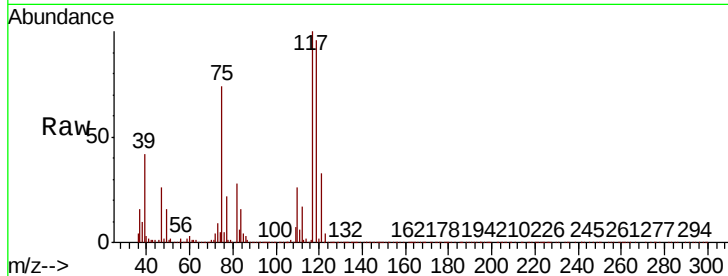
#33
Carbon Tetrachloride
Concen: 20.532 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	117	Resp:	204445
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.0	112.6
121	32.7	24.9	37.3

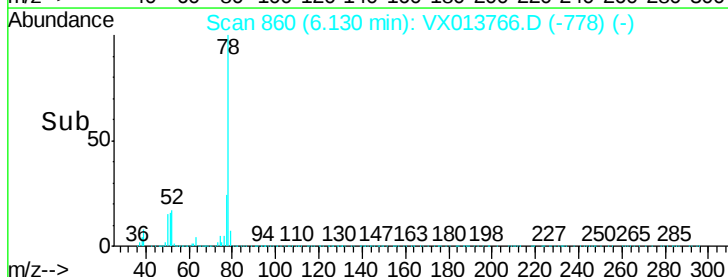
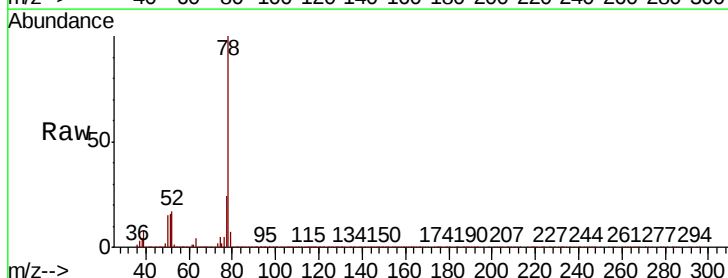
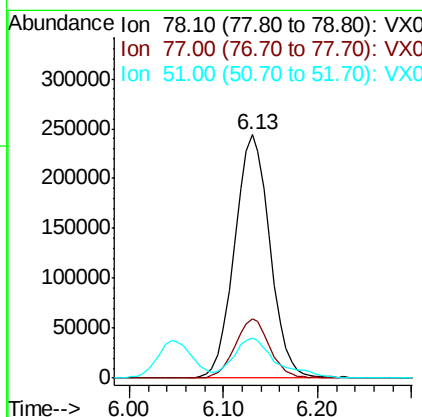
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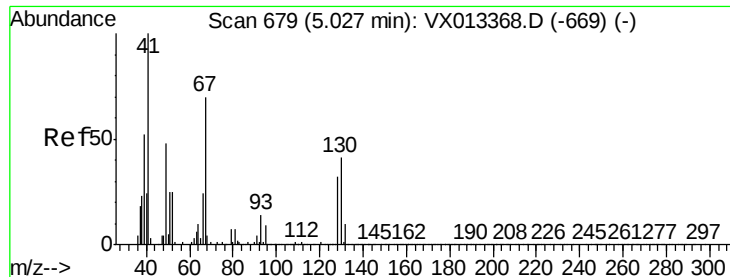
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#34
Benzene
Concen: 20.413 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion:	78	Resp:	638599
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.3	28.9
51	16.1	12.2	18.4





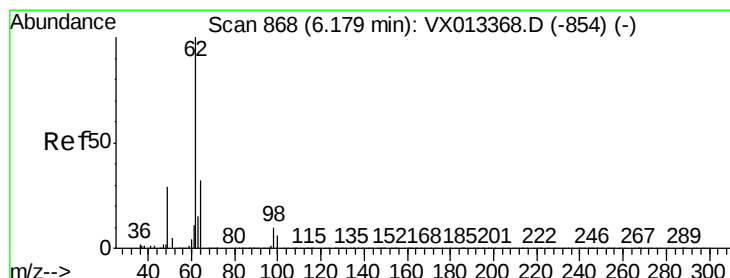
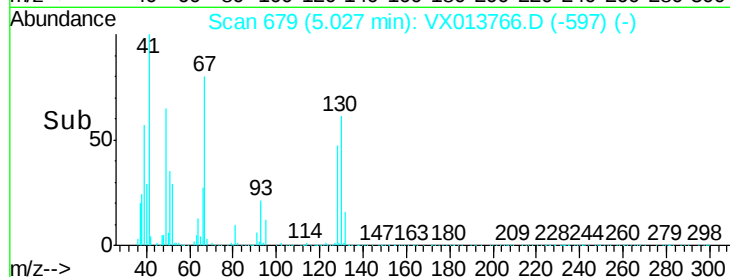
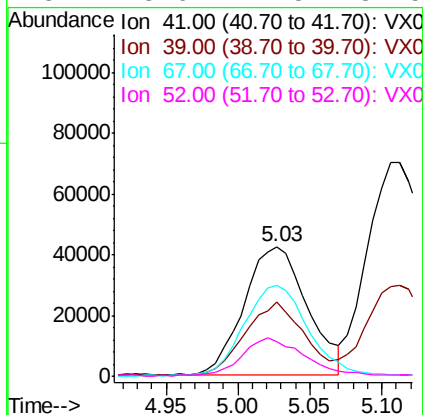
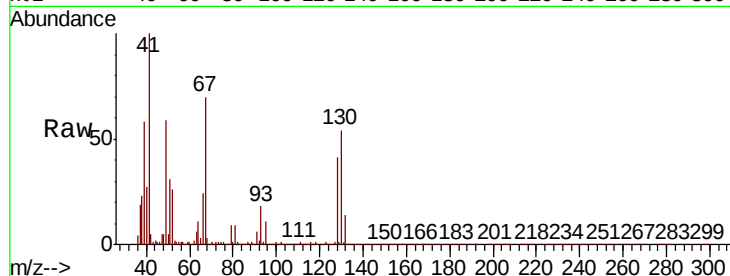
#35
Methacrylonitrile
Concen: 18.863 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	25.9	77.8	
67	69.2	35.1	105.5	
52	25.6	12.5	37.5	

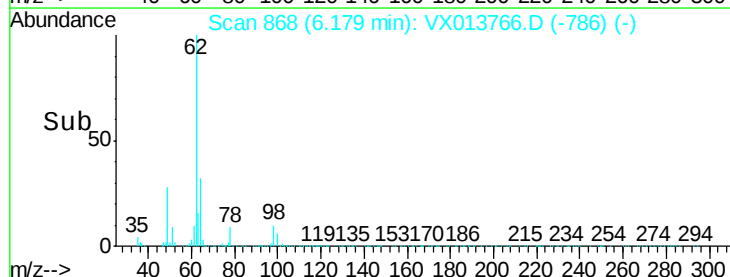
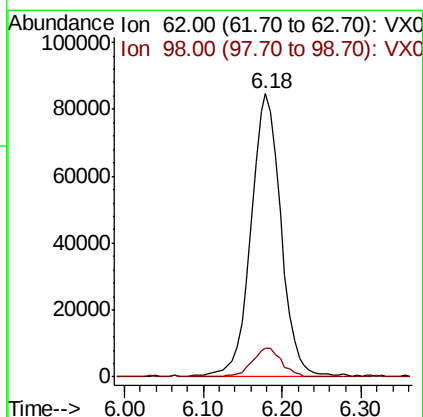
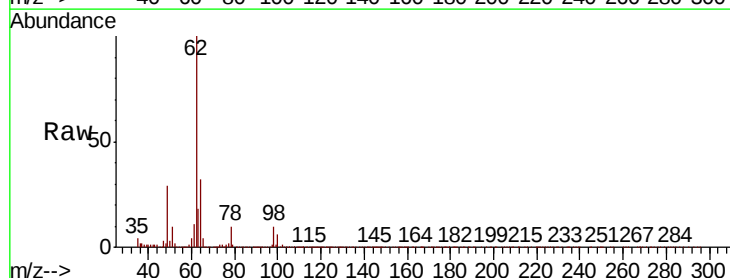
Manual Integrations
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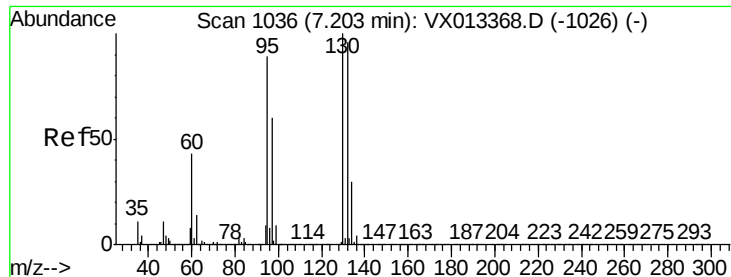
apatel
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#36
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	8.2	12.2	





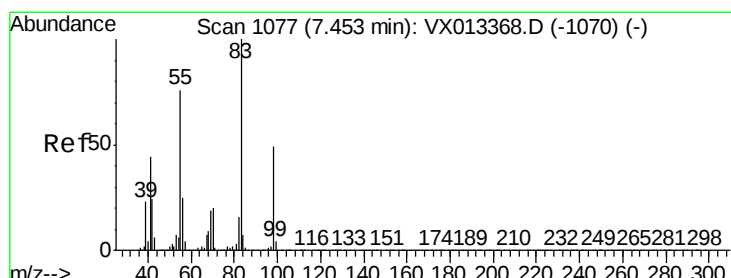
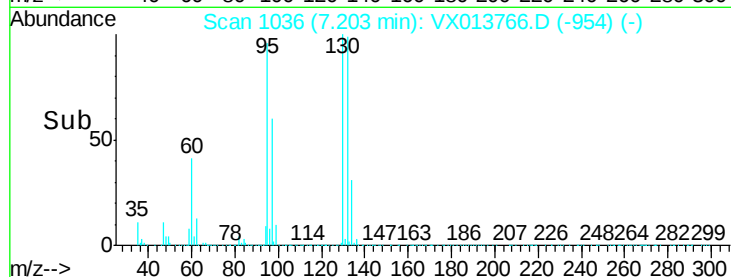
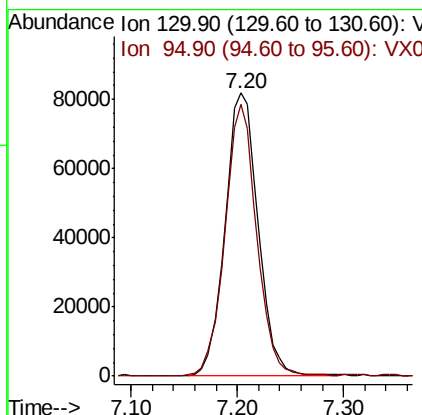
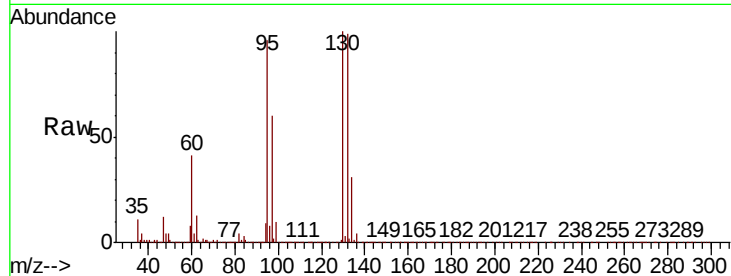
#37
 Trichloroethene
 Concen: 21.192 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
130	100	177612		
95	95.6	71.3	106.9	

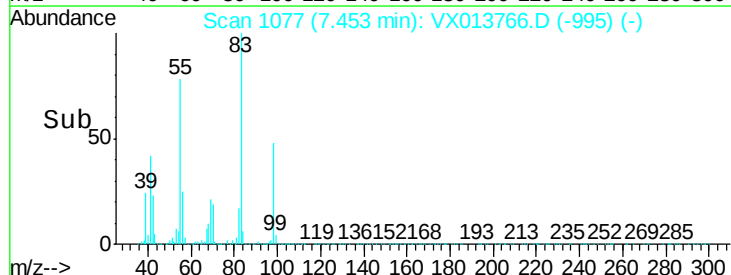
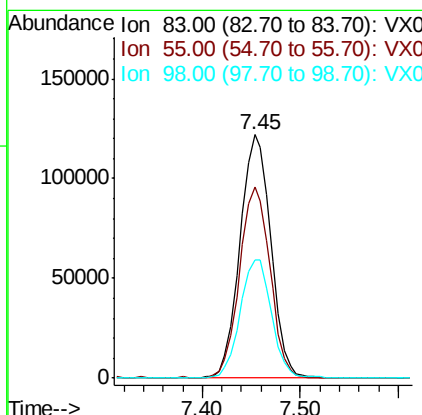
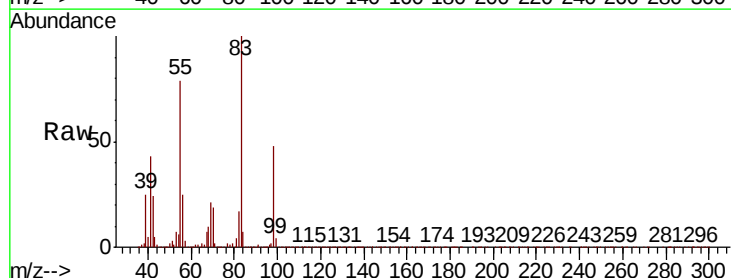
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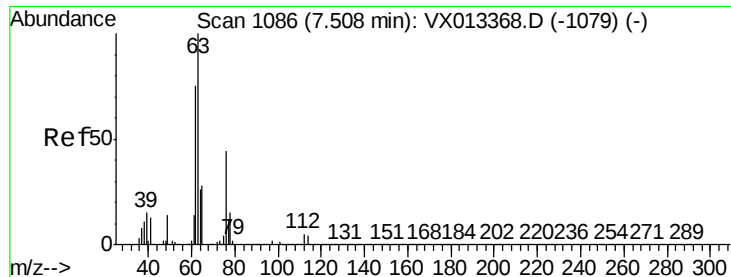
apatel
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#38
 Methylcyclohexane
 Concen: 21.081 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	266602		
55	77.6	37.9	113.7	
98	49.8	25.1	75.3	





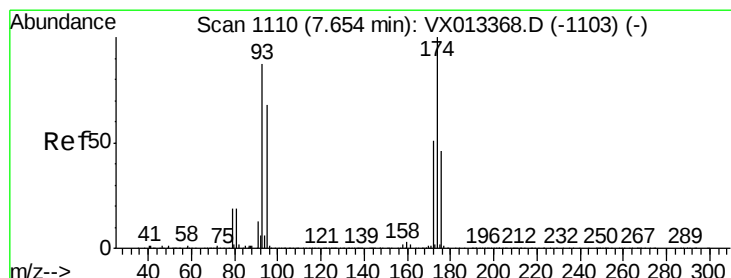
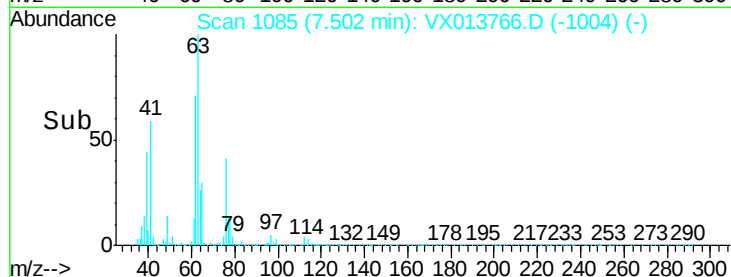
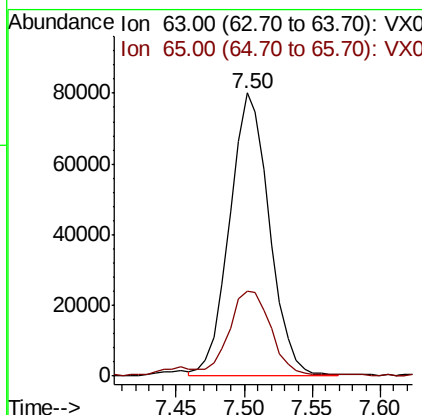
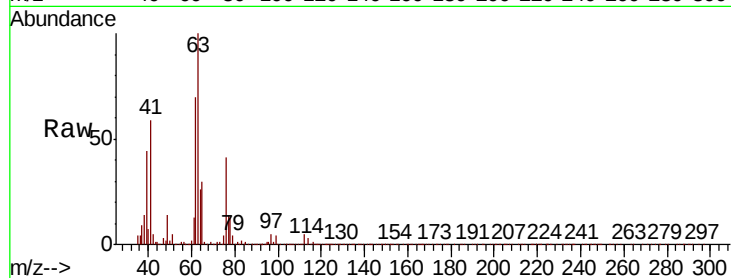
#39
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.8	35.8

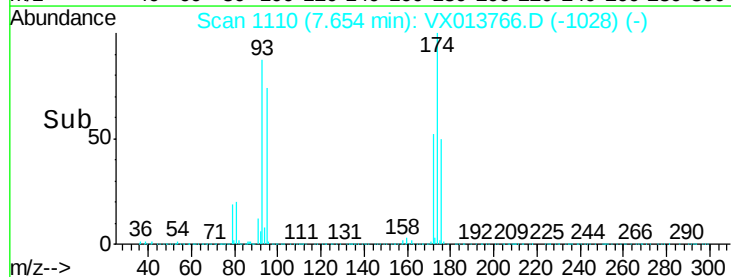
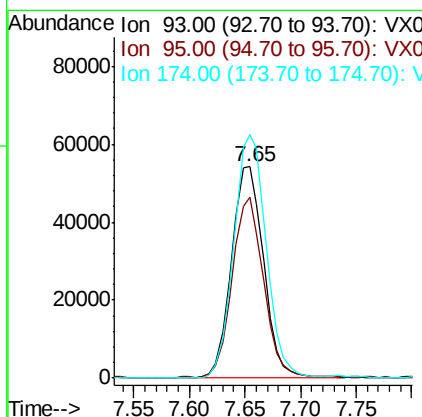
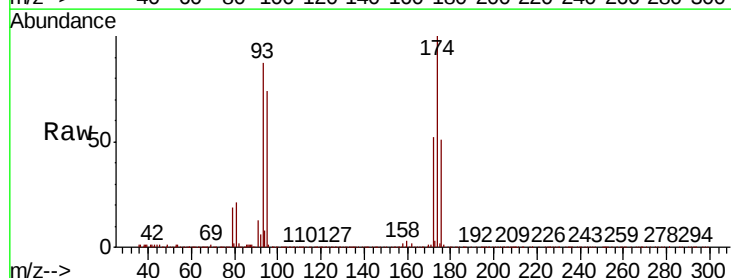
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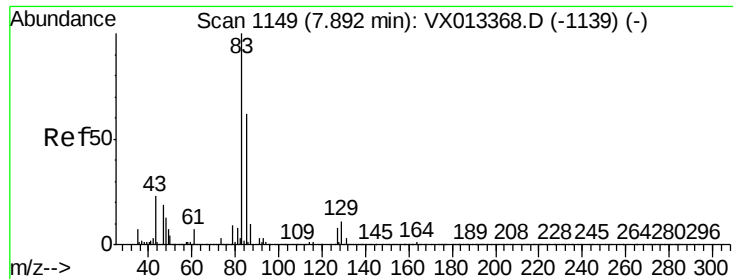
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#40
 Dibromomethane
 Concen: 20.103 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	160.8
174	115.6	0.0	228.8





#41

Bromodichloromethane

Concen: 20.422 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

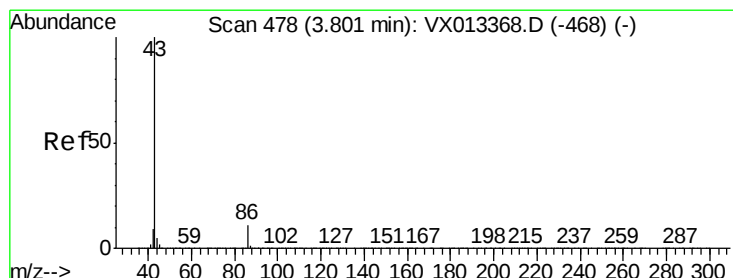
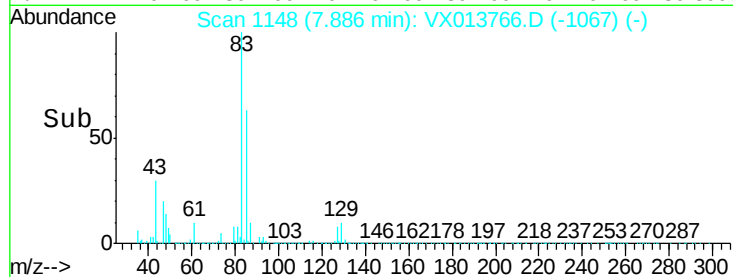
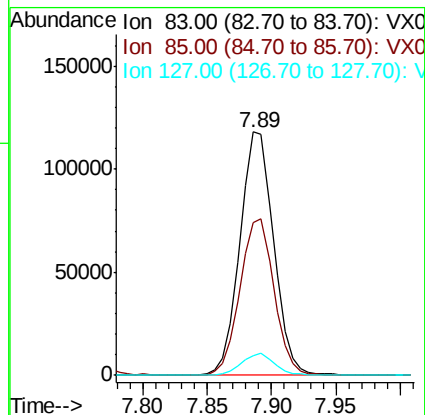
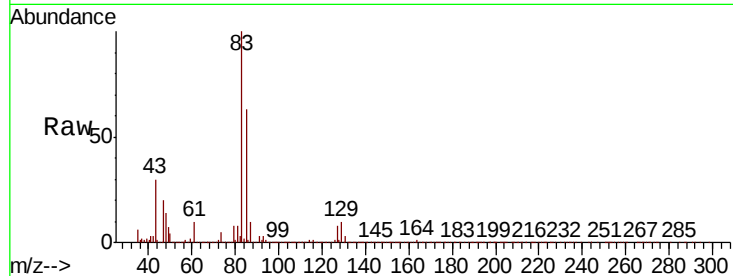
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	214615
Ion Ratio	Lower	Upper	
83	100		
85	62.4	49.3	73.9
127	8.0	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 97.839 ug/l

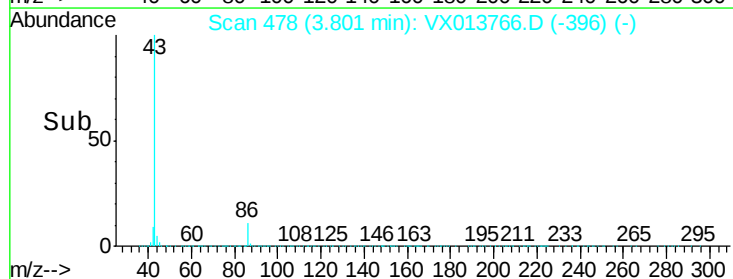
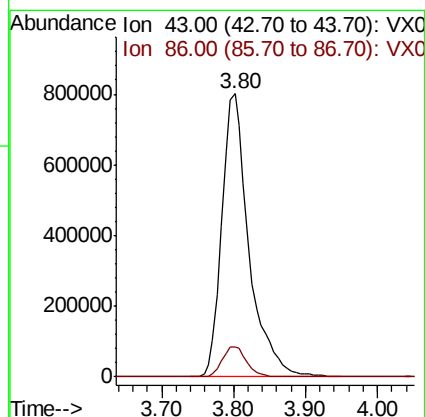
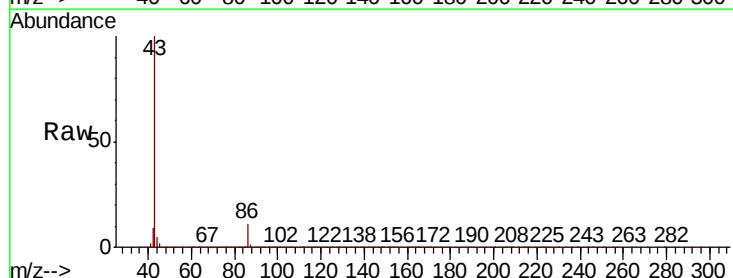
RT: 3.80 min Scan# 478

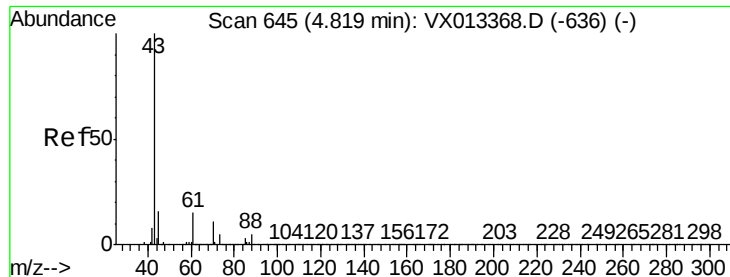
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	43	Resp:	2097051
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





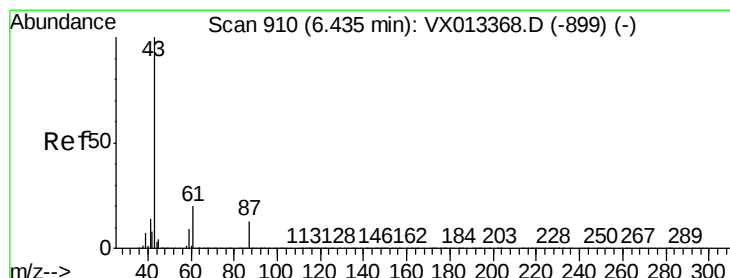
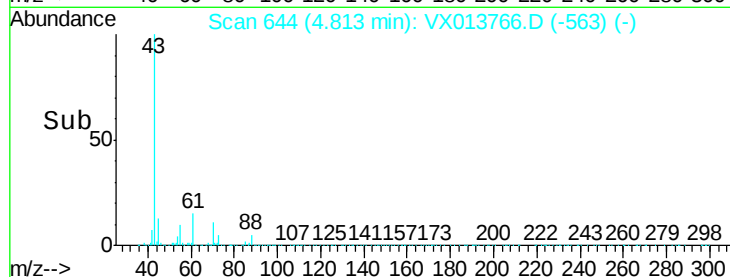
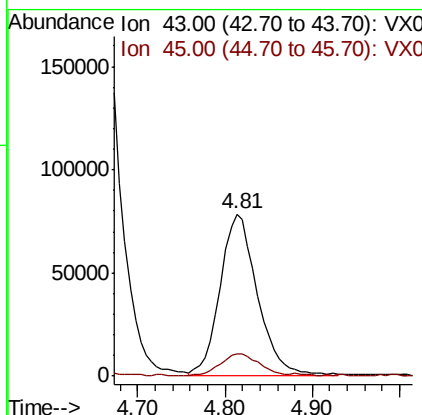
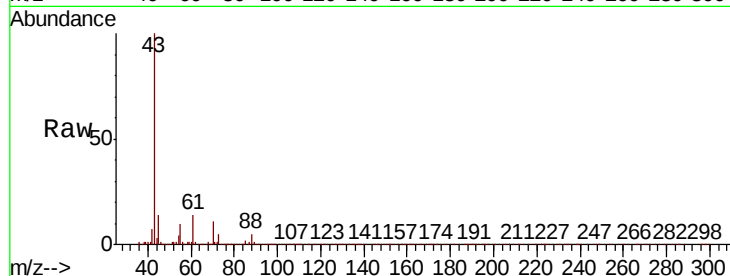
#43
Ethyl Acetate
Concen: 18.624 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Resp	231243
Ion Ratio	Lower	Upper	
43	100		
45	14.0	10.9	16.3

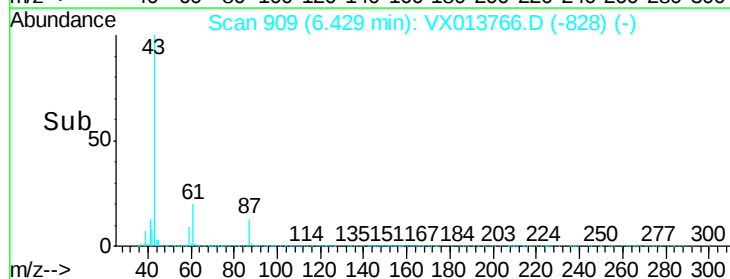
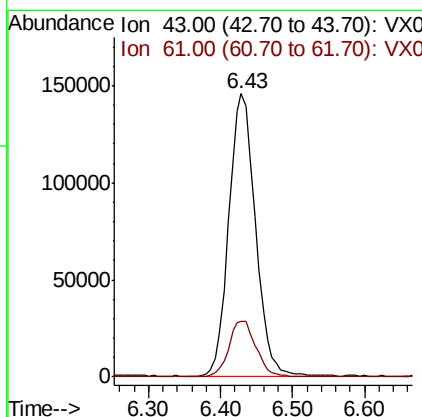
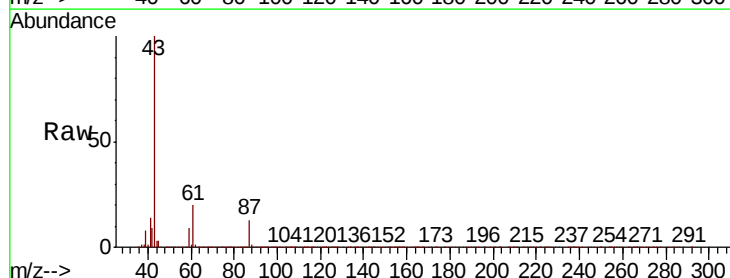
Manual Integrations
APPROVED

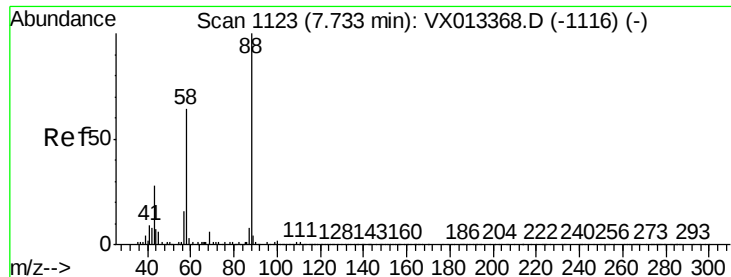
apatel
12/6/2019 9:30:40 AM



#44
Isopropyl Acetate
Concen: 18.782 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	43	Resp	374866
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.8	23.8





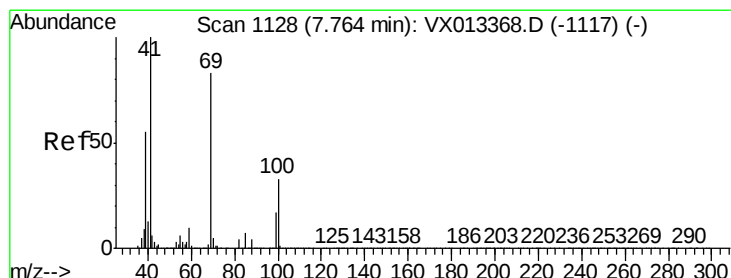
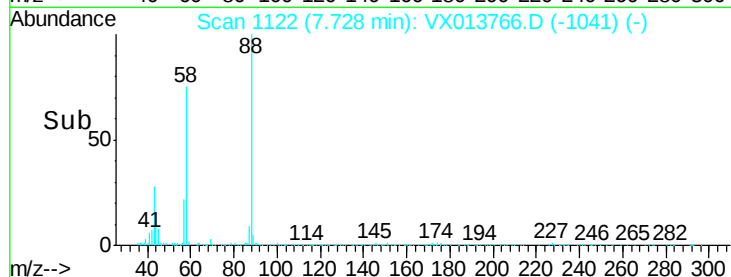
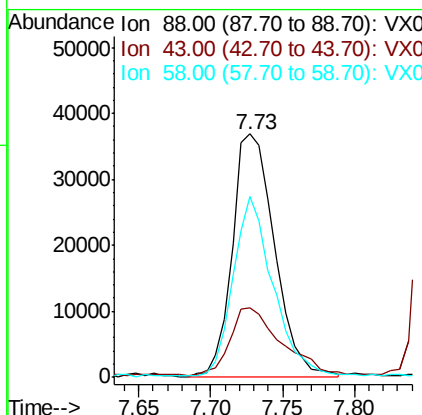
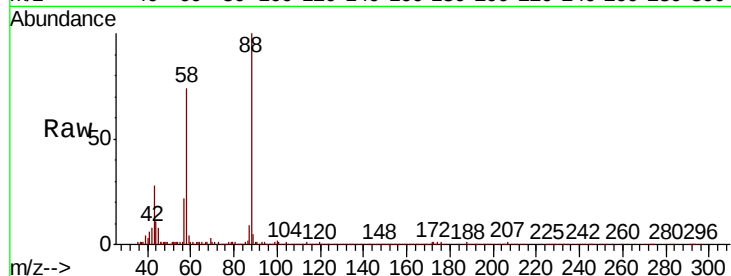
#45
1,4-Dioxane
Concen: 340.406 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	75011
Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.1	39.1
58	70.1	55.8	83.8

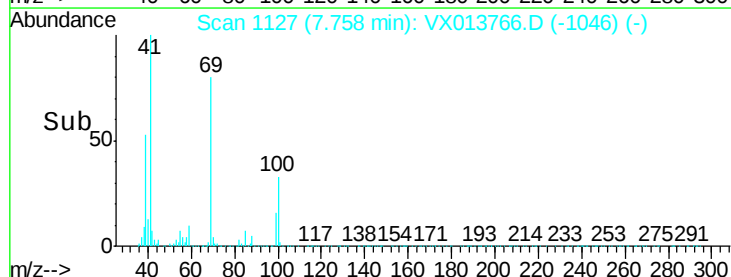
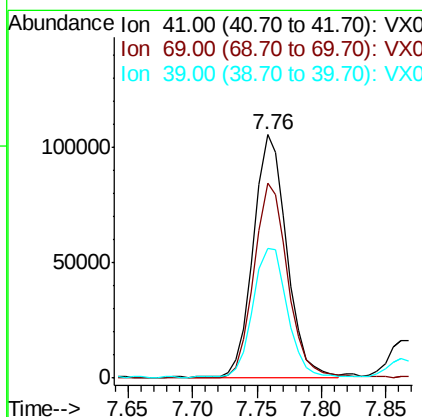
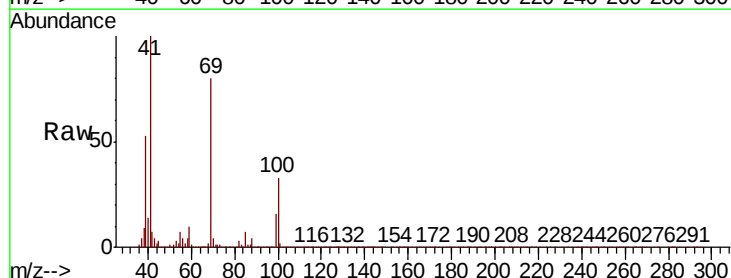
Manual Integrations
APPROVED

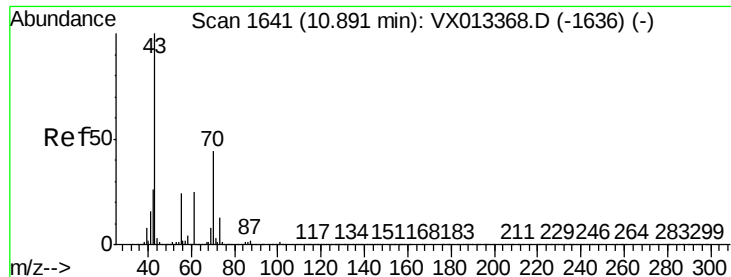
apatel
12/6/2019 9:30:40 AM



#46
Methyl methacrylate
Concen: 18.942 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion:	41	Resp:	188059
Ion	Ratio	Lower	Upper
41	100		
69	80.3	41.4	124.4
39	53.4	27.9	83.6





#47

n-amvl Acetate

Concen: 18.655 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 326606

Ion Ratio Lower Upper

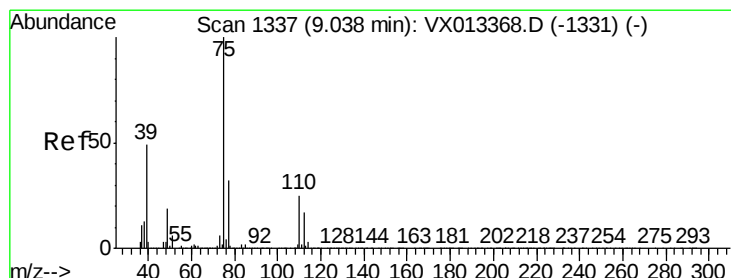
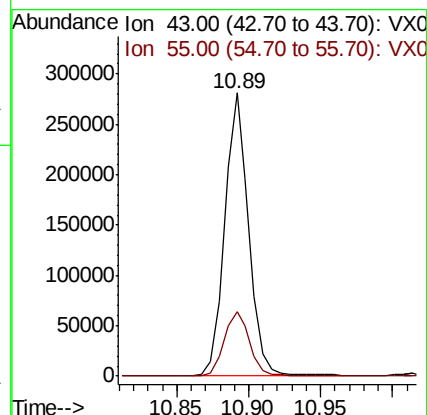
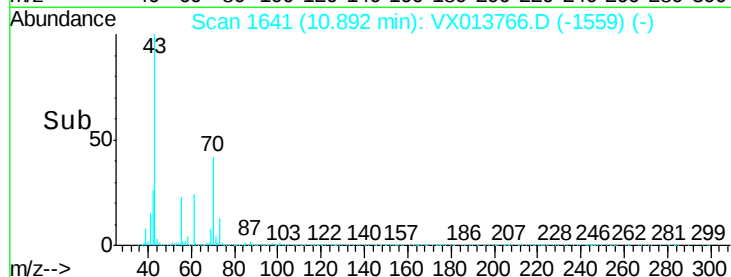
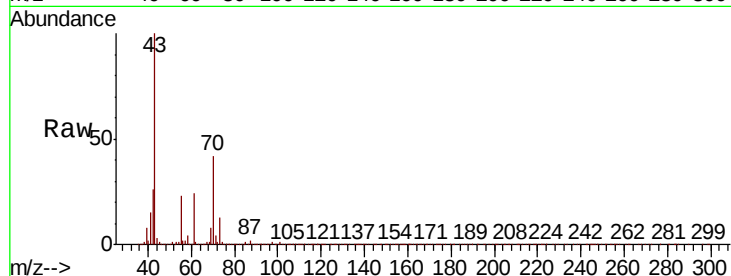
43 100

55 24.0 19.0 28.4

Manual Integrations
APPROVED

apatel

12/6/2019 9:30:40 AM



#48

t-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013766.D

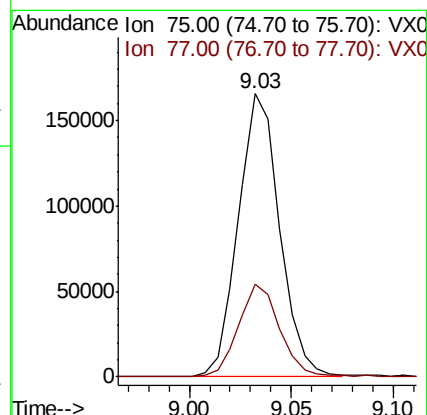
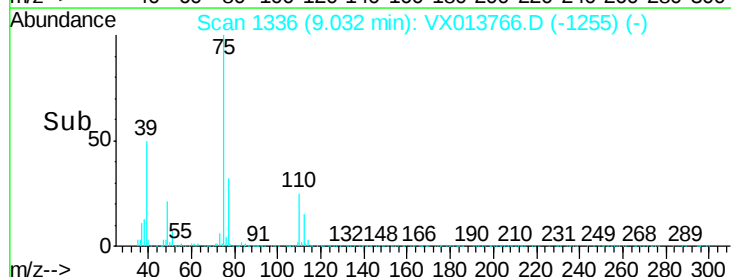
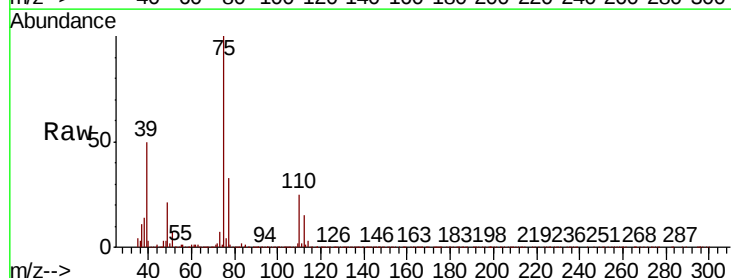
Acq: 05 Dec 2019 10:27

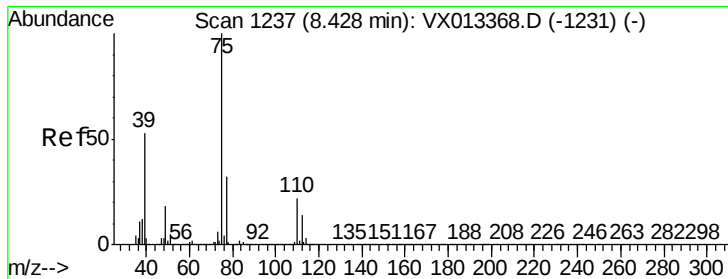
Tgt Ion: 75 Resp: 232165

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9





#49

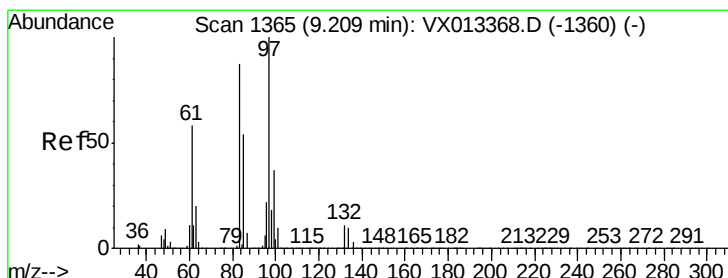
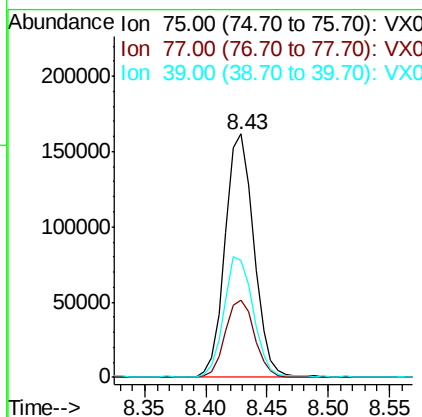
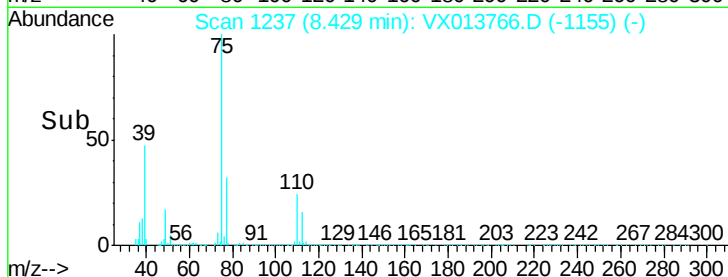
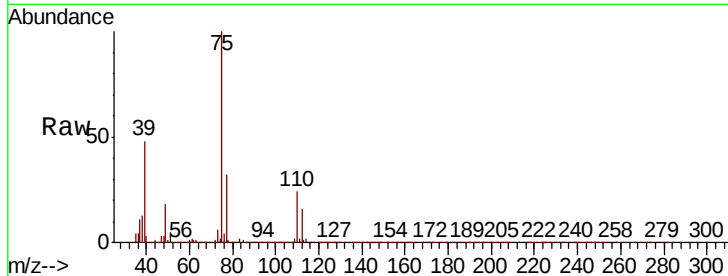
cis-1,3-Dichloropropene
Concen: 20.370 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	47.5	42.2	63.4

Manual Integrations
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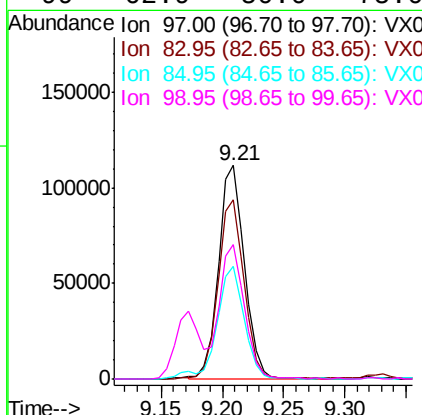
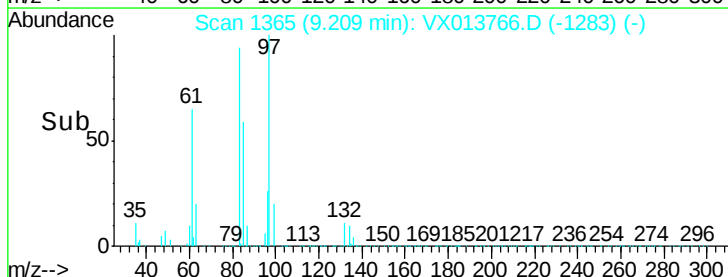
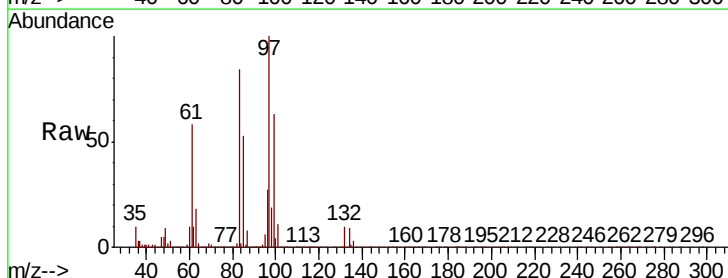
apatel
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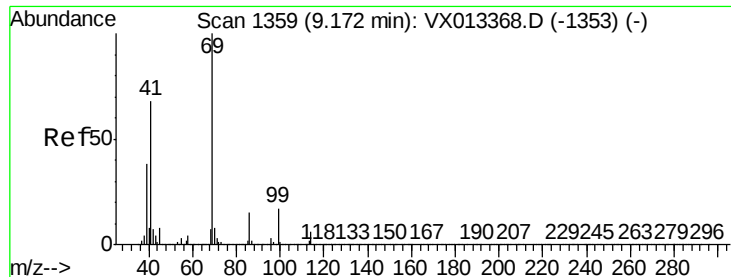


#50

1,1,2-Trichloroethane
Concen: 20.569 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.6	104.4
85	52.8	45.5	68.3
99	62.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.378 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

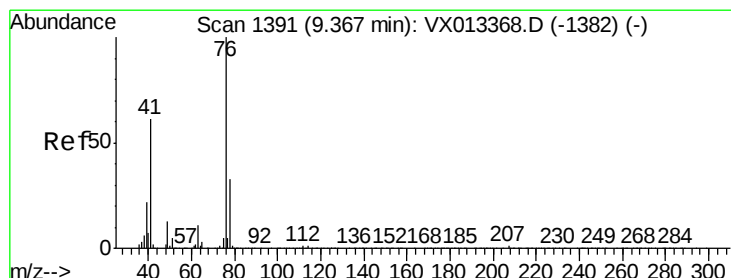
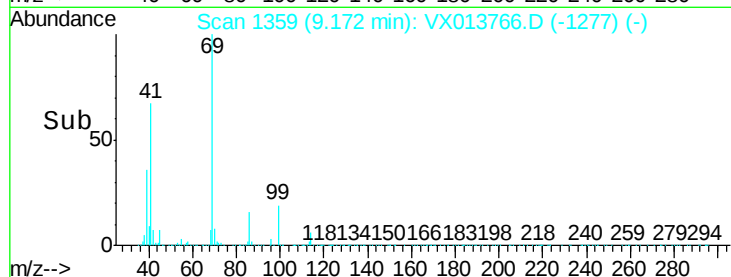
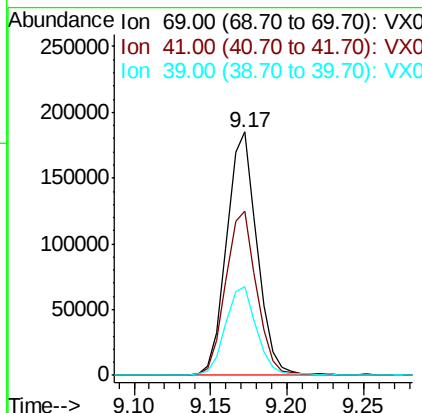
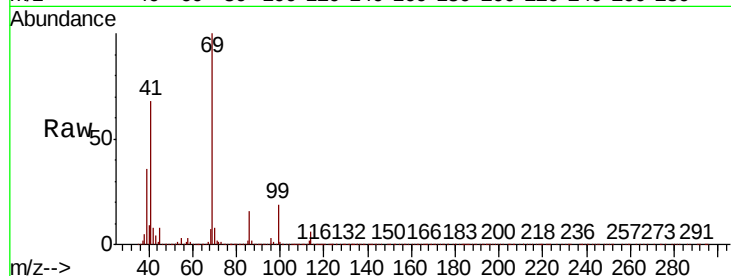
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	254156
Ion Ratio	Lower	Upper	
69	100		
41	67.4	33.9	101.6
39	36.0	18.8	56.4

Manual Integrations
APPROVED

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#52

1,3-Dichloropropane

Concen: 20.062 ug/l

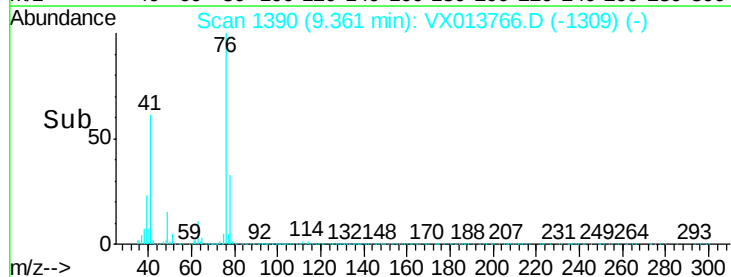
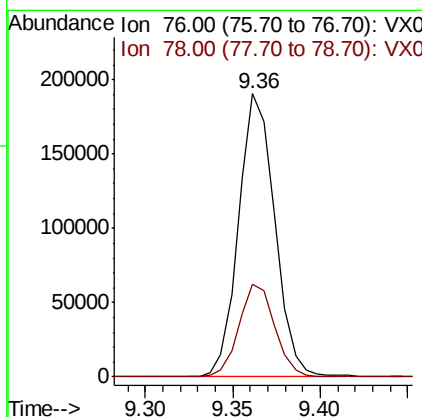
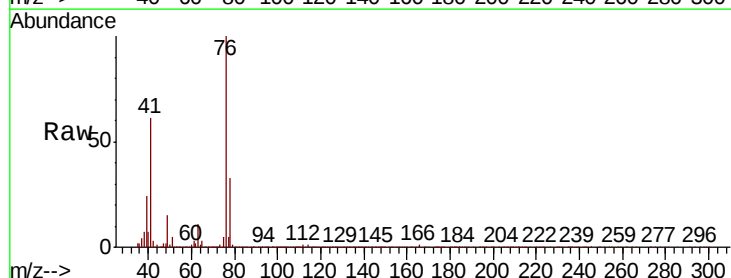
RT: 9.36 min Scan# 1390

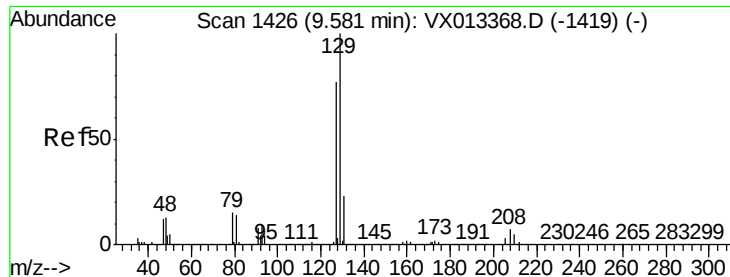
Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	76	Resp:	273210
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





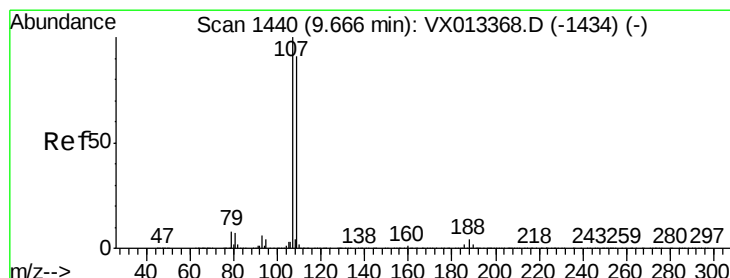
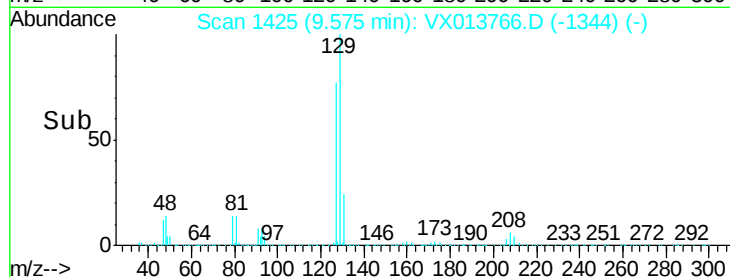
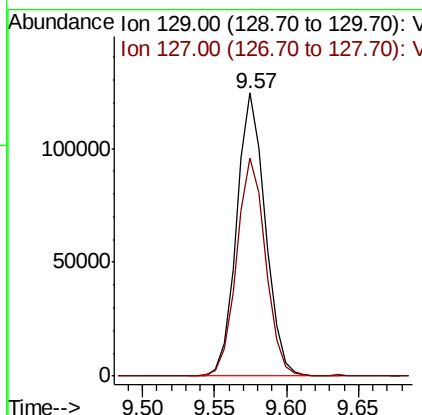
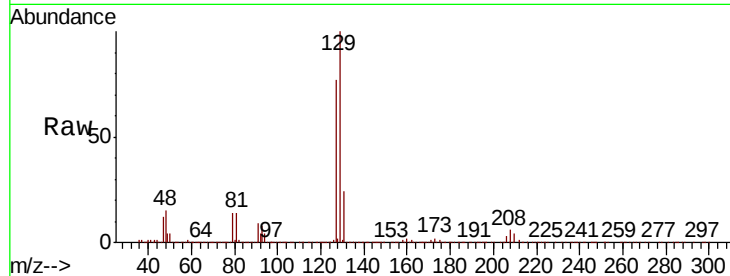
#53
Dibromochloromethane
Concen: 20.456 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.0	39.6	119.0

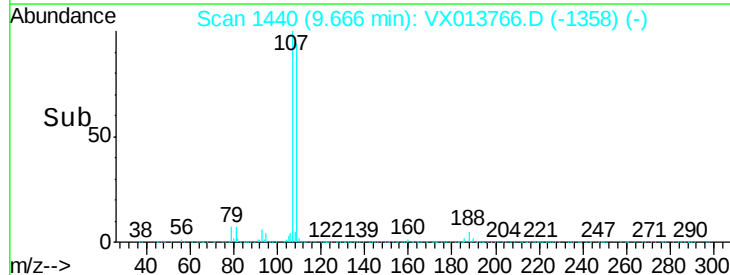
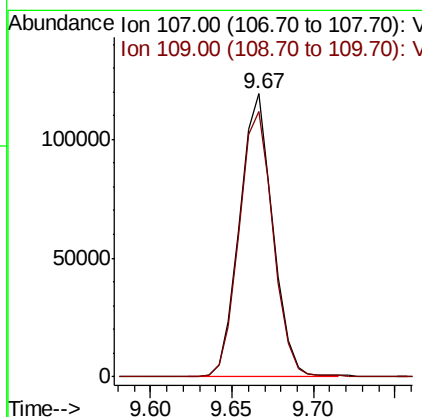
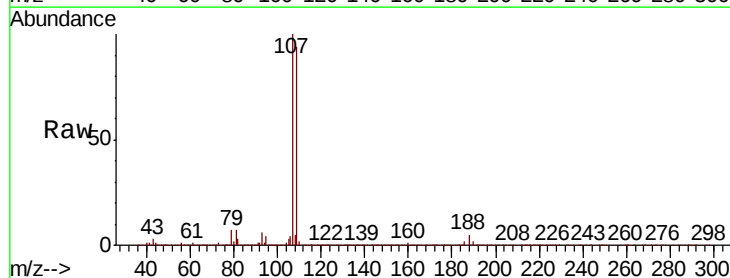
Manual Integrations
APPROVED

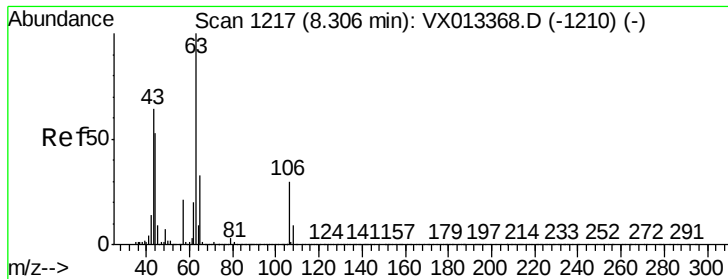
apatel
12/6/2019 9:30:40 AM



#54
1,2-Dibromoethane
Concen: 19.864 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.6	73.9	110.9





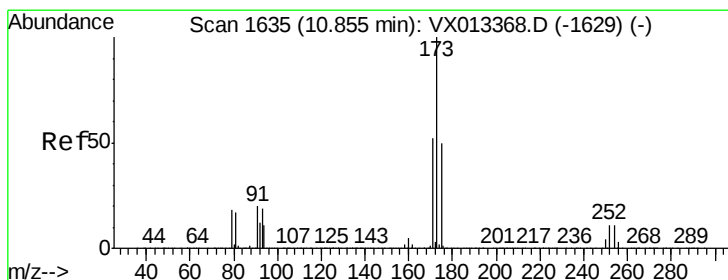
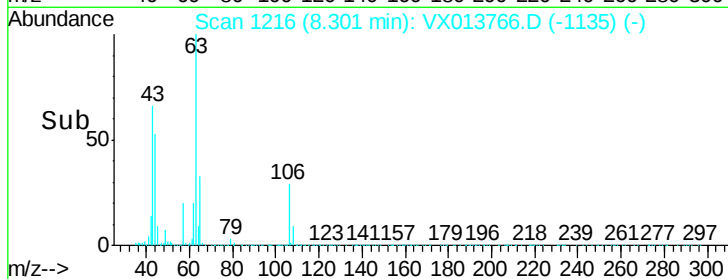
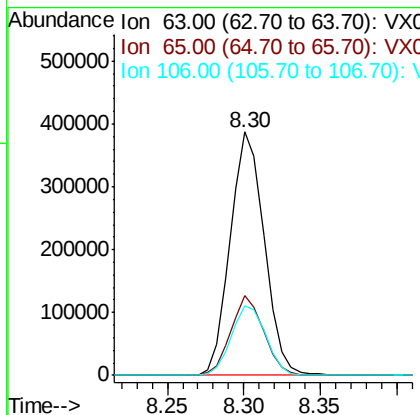
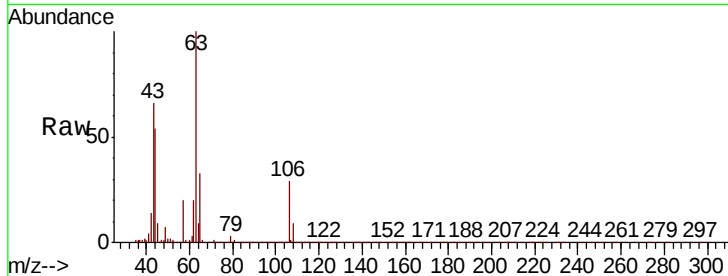
#55
2-Chloroethyl vinyl ether
Concen: 106.460 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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

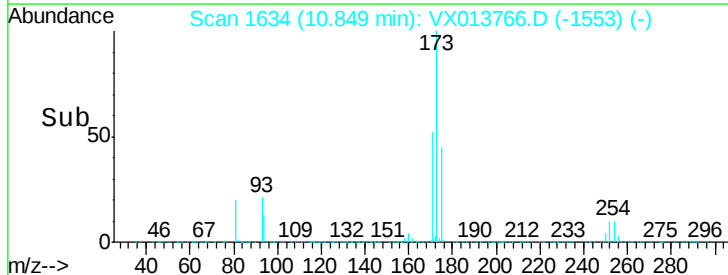
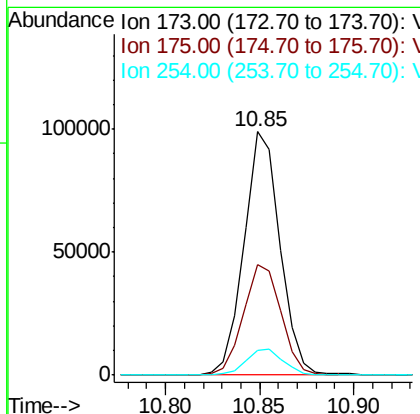
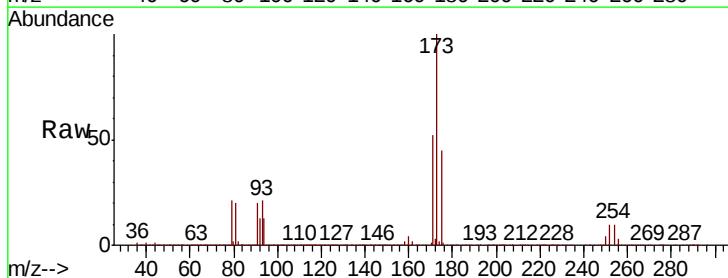
Manual Integrations
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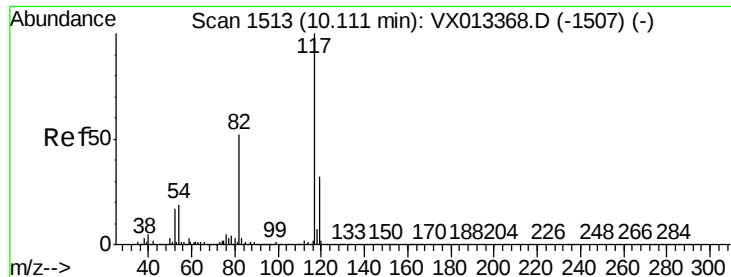
apatel
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#56
Bromoform
Concen: 19.511 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.4	59.0
254	11.3	8.6	12.8





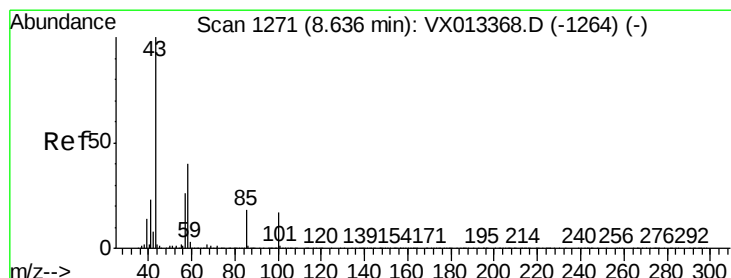
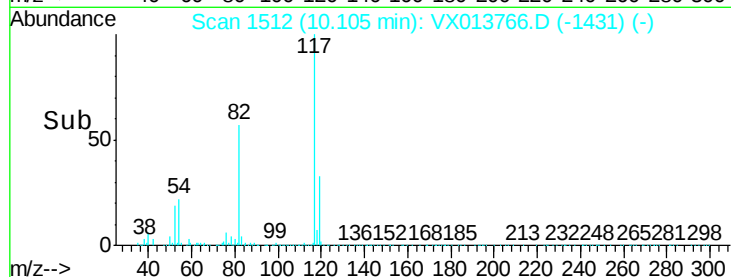
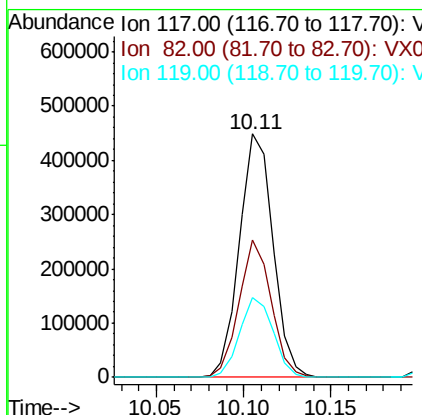
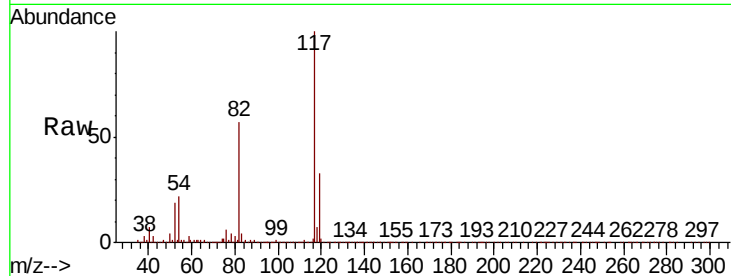
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.8	25.5	38.3

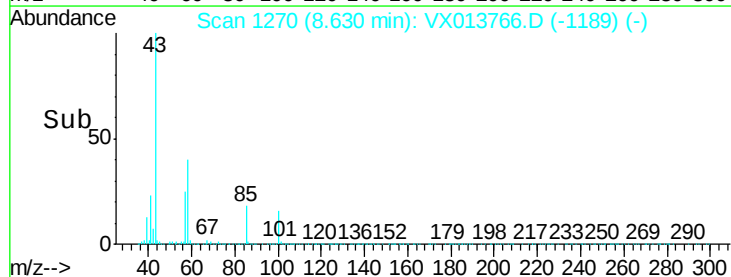
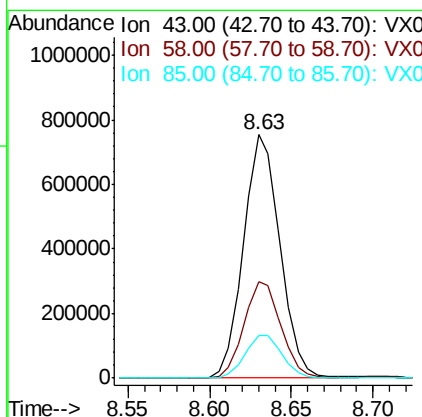
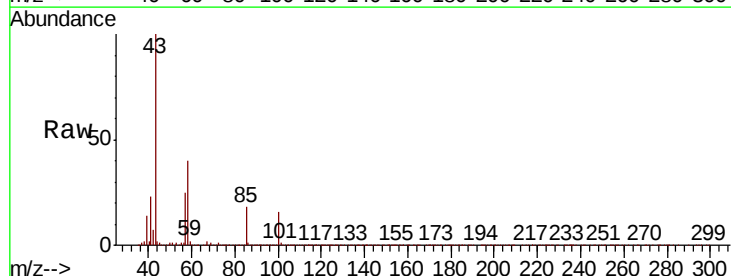
Manual Integrations
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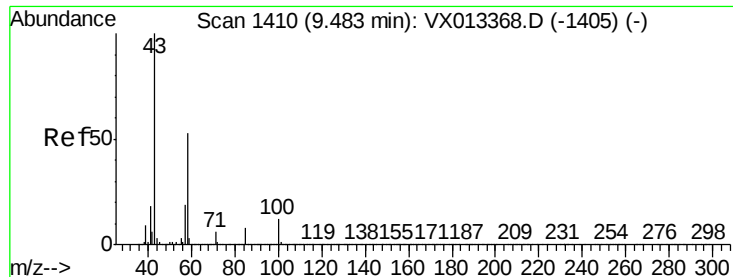
apatel
12/6/2019 9:30:40 AM



#58
4-Methyl-2-Pentanone
Concen: 93.496 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.6	47.4
85	18.1	14.2	21.2





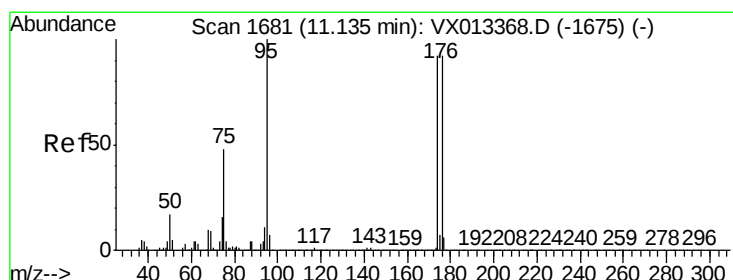
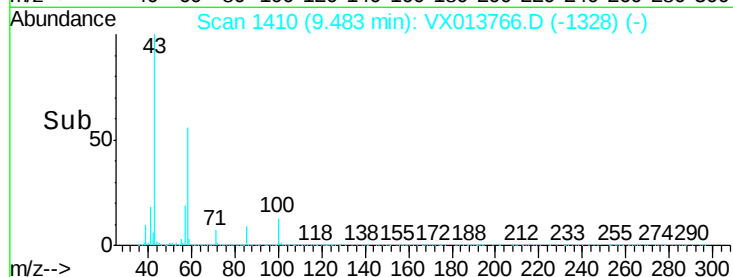
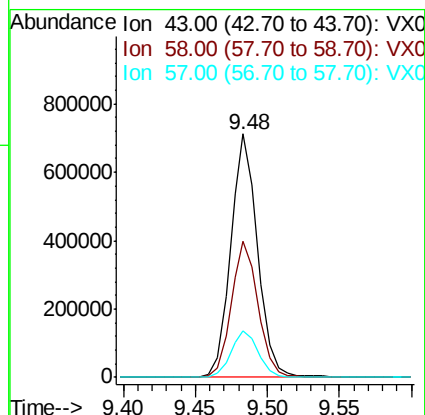
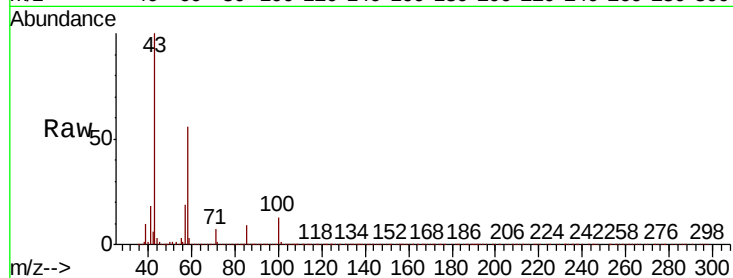
#59
2-Hexanone
Concen: 93.331 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.8	65.6
57	19.3	15.1	22.7

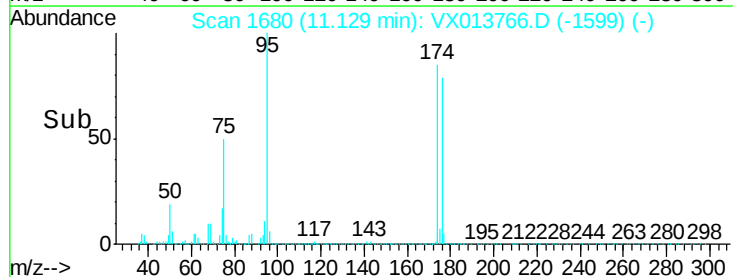
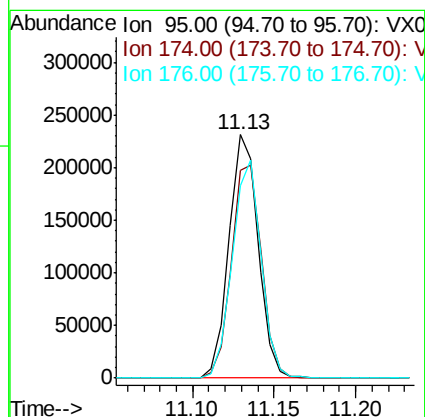
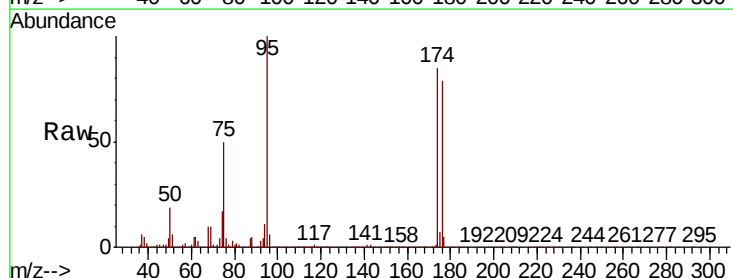
Manual Integrations
APPROVED

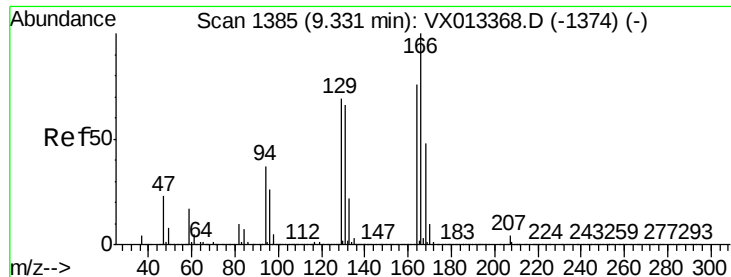
apatel
12/6/2019 9:30:40 AM



#60
4-Bromofluorobenzene
Concen: 29.799 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	70.2	105.2
176	88.1	68.3	102.5





#61

Tetrachloroethene

Concen: 21.857 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

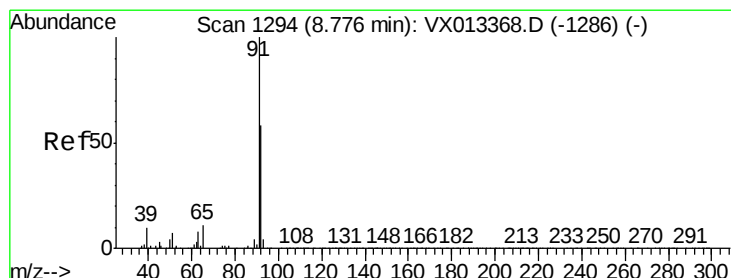
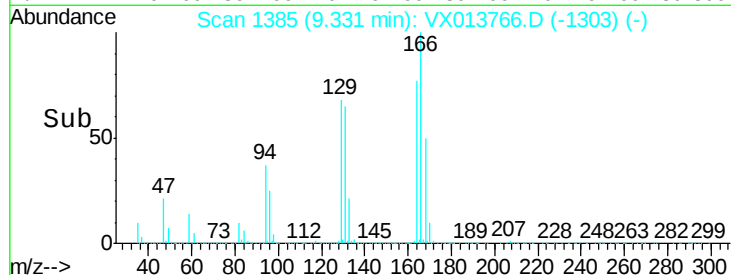
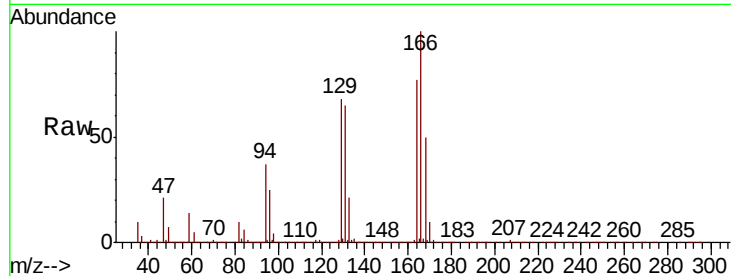
ClientSampleId :

VSTDCCC020

Tot Ion:	164	Resp:	162018
Ion Ratio	Lower	Upper	
164	100		
166	130.0	104.9	157.3
129	88.8	72.3	108.5
131	84.7	69.0	103.6

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#62

Toluene

Concen: 20.761 ug/l

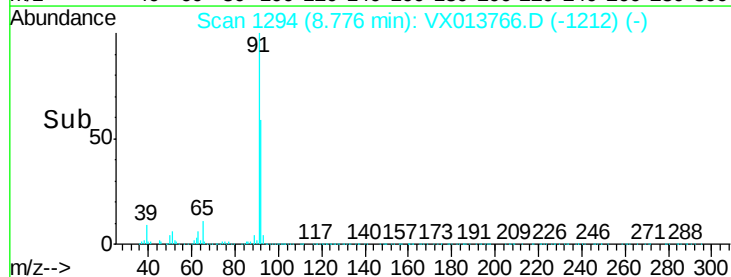
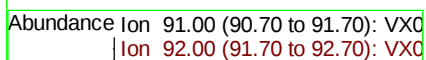
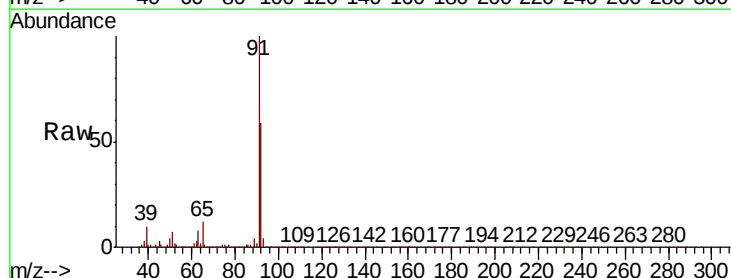
RT: 8.78 min Scan# 1294

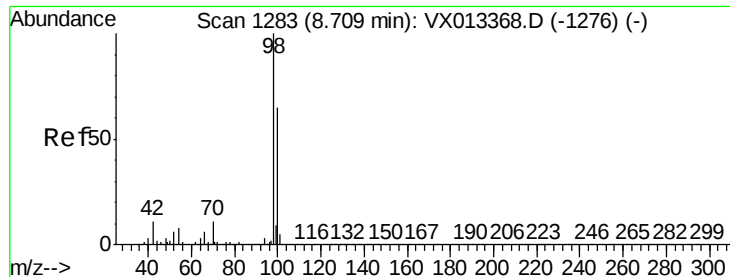
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	91	Resp:	695167
Ion Ratio	Lower	Upper	
91	100		
92	58.3	46.6	69.8





#63

Toluene-d8

Concen: 30.171 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 820164

Ion Ratio Lower Upper

98 100

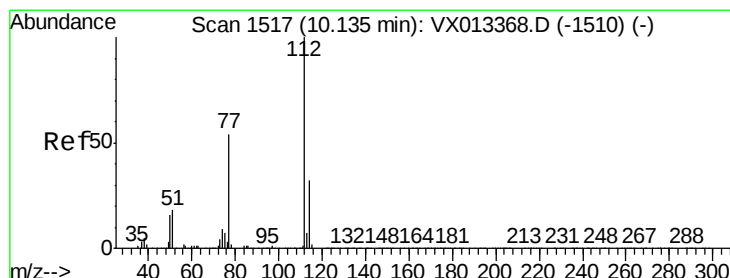
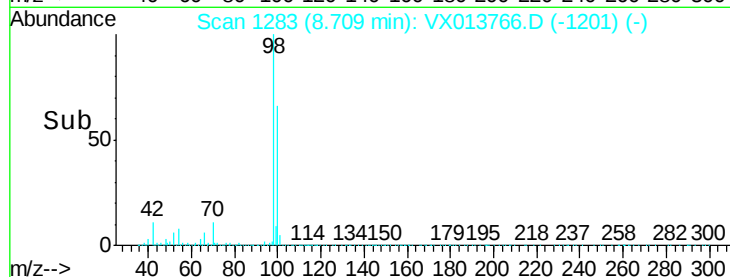
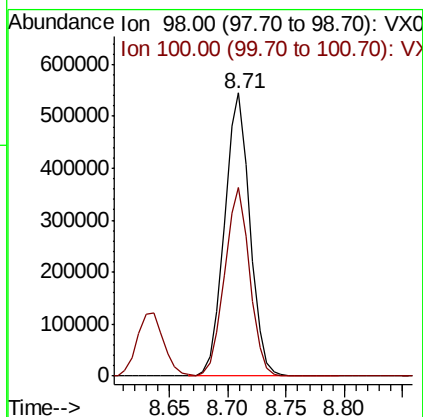
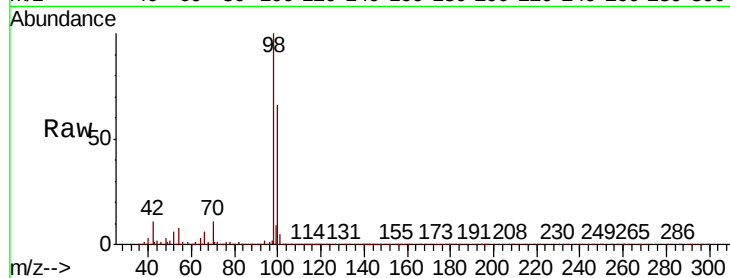
100 65.6 52.5 78.7

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#64

Chlorobenzene

Concen: 20.794 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013766.D

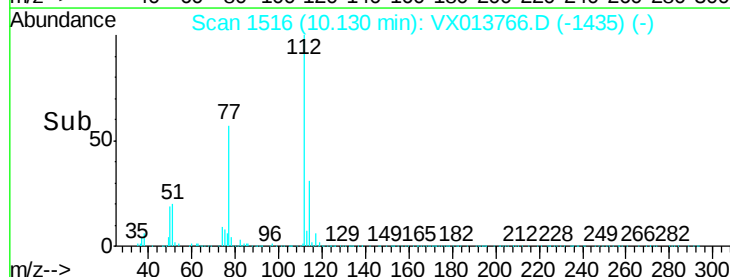
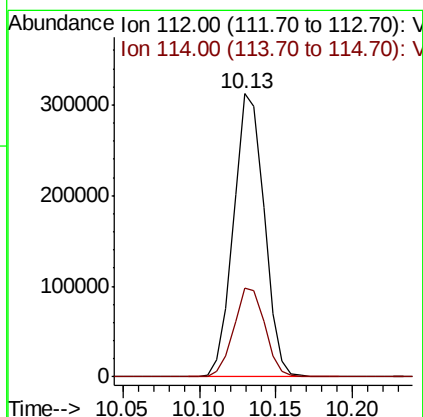
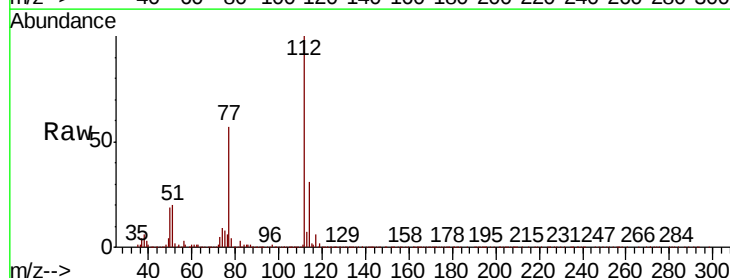
Acq: 05 Dec 2019 10:27

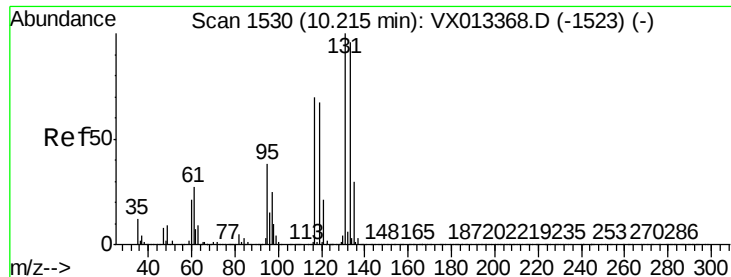
Tgt Ion: 112 Resp: 435361

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5





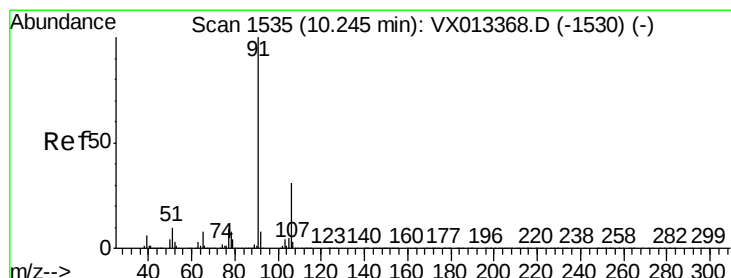
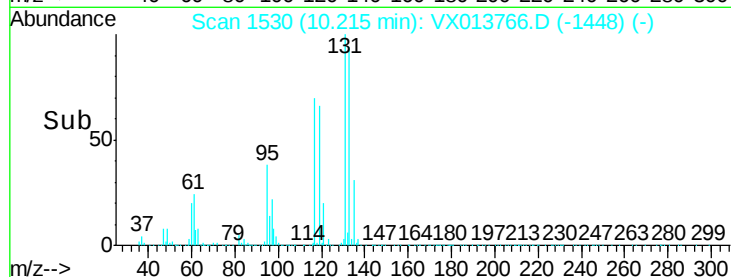
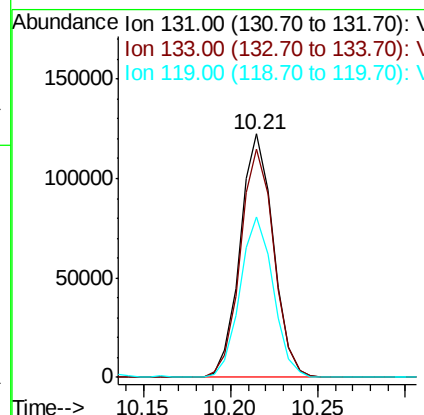
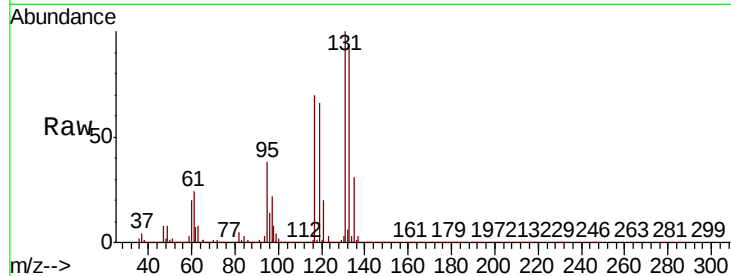
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.586 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	161334		
133	94.7	0.0	192.2	
119	66.0	0.0	134.4	

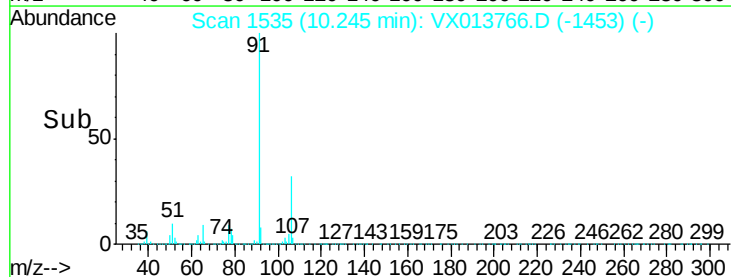
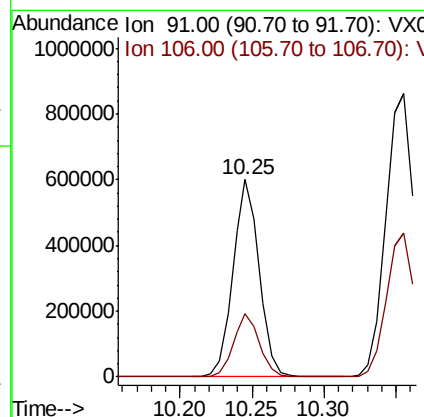
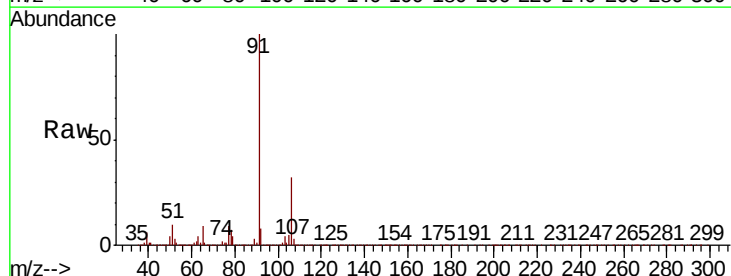
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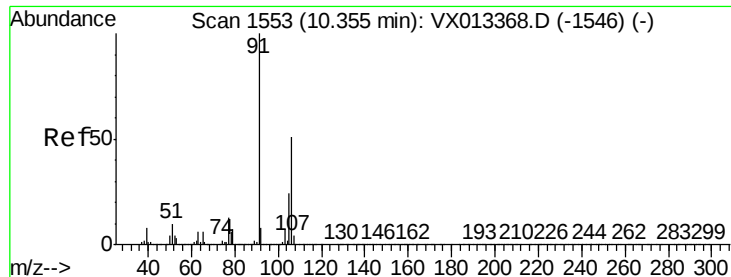
apatel
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#66
 Ethyl Benzene
 Concen: 20.730 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	762578		
106	31.9	25.0	37.4	





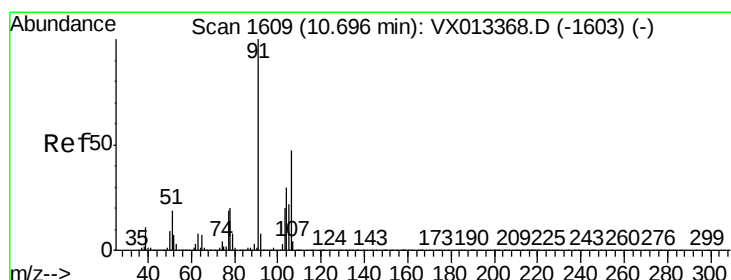
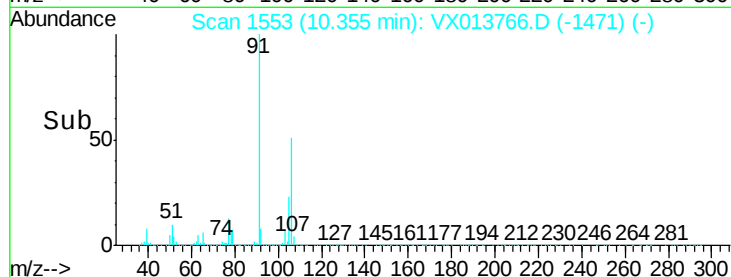
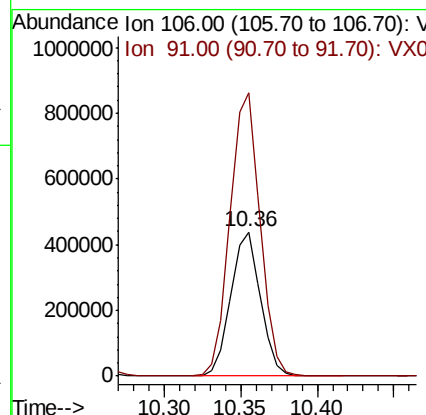
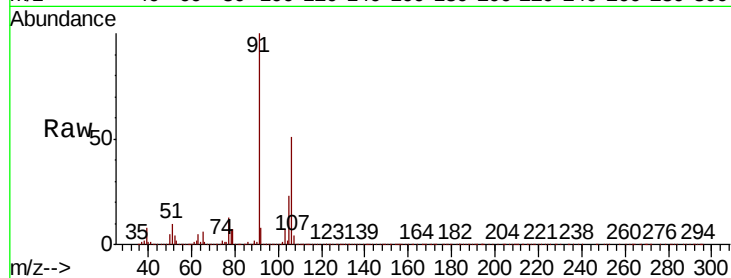
#67
m/p-Xvlenes
Concen: 41.561 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.4	158.4	237.6

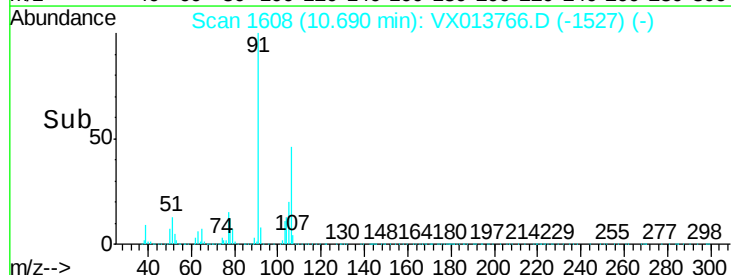
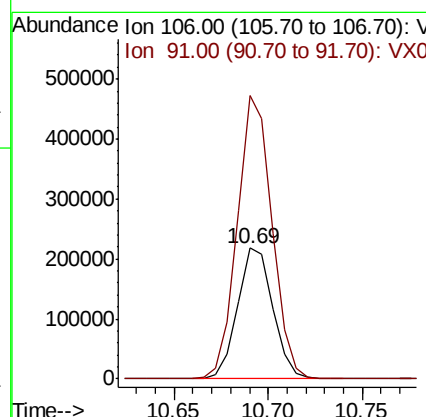
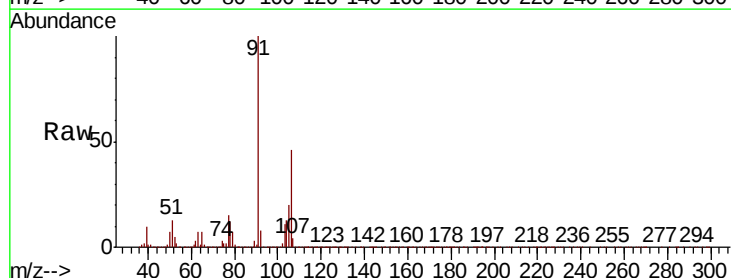
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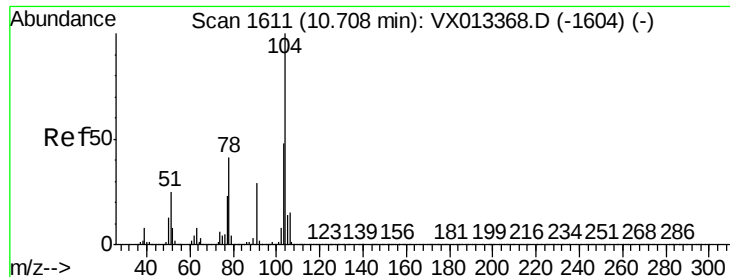
apatel
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#68
o-Xylene
Concen: 20.663 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.4	106.4	319.2





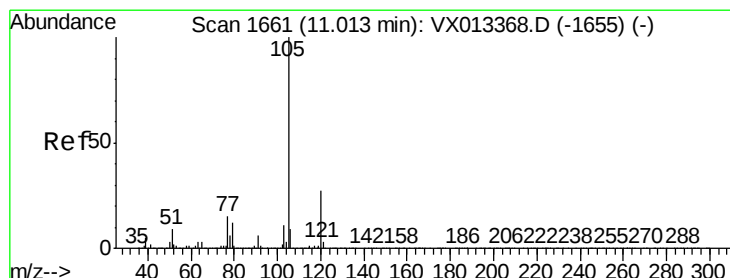
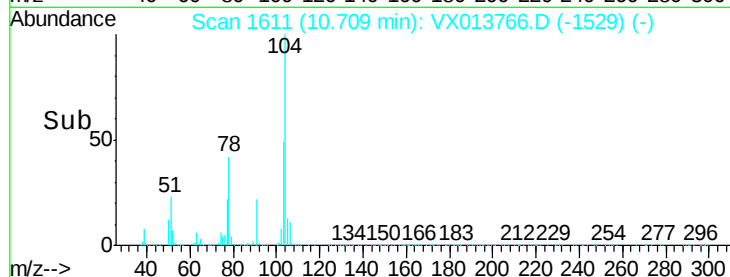
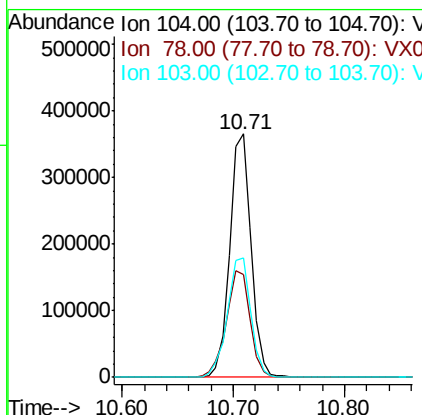
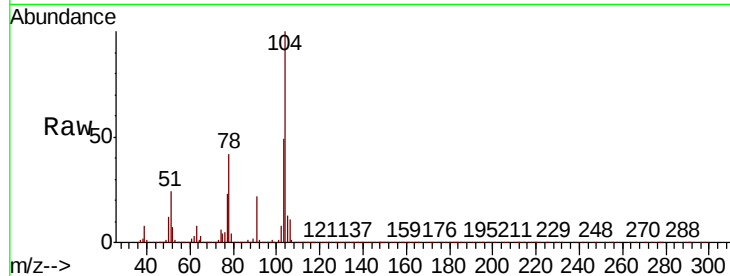
#69
Stvrene
Concen: 20.634 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	482521		
78	48.8	38.2	57.4	
103	54.1	43.2	64.8	

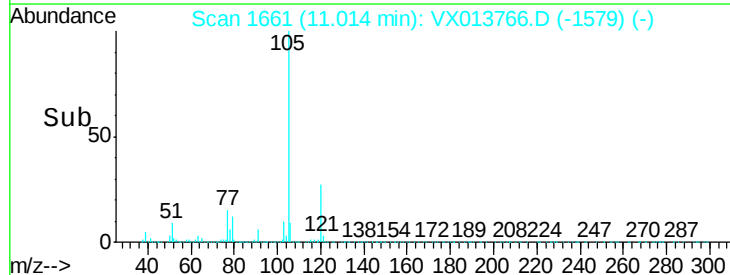
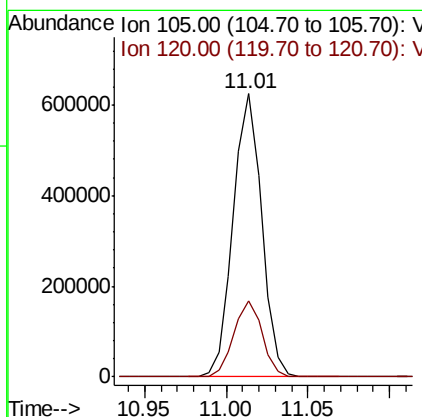
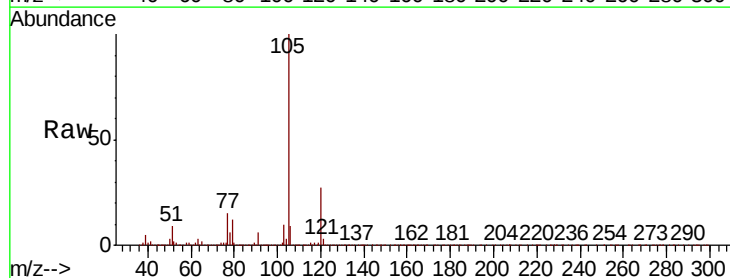
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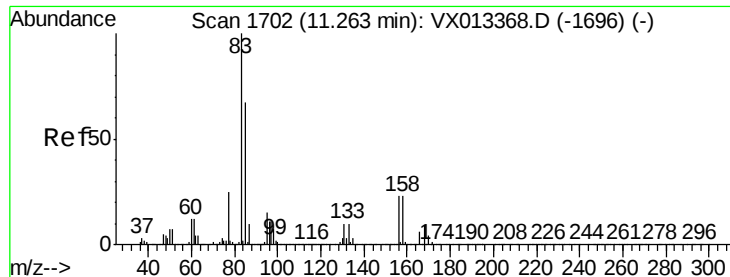
apatel
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#70
Isopropylbenzene
Concen: 21.126 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	762327		
120	26.7	18.8	34.8	





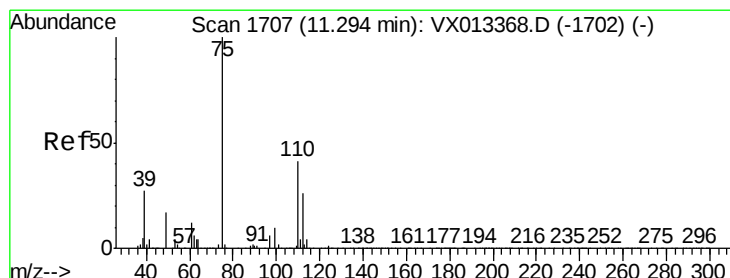
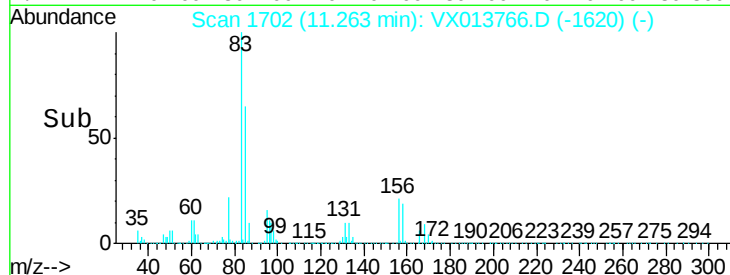
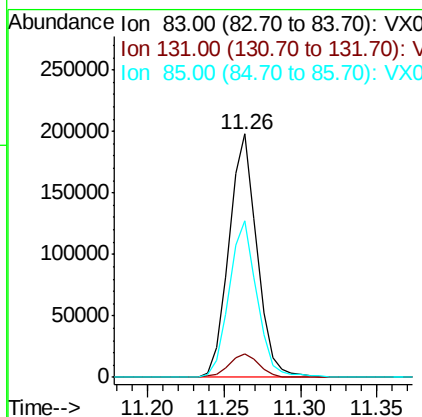
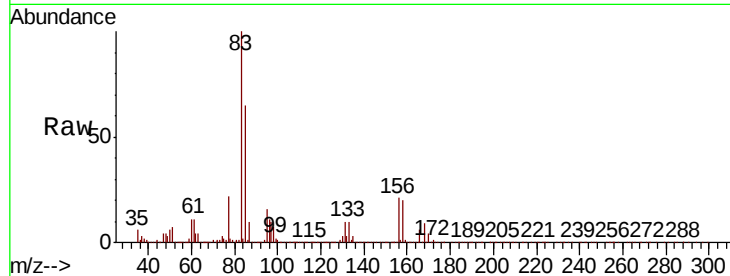
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.390 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.5	4.7	14.1	
85	64.5	32.6	97.7	

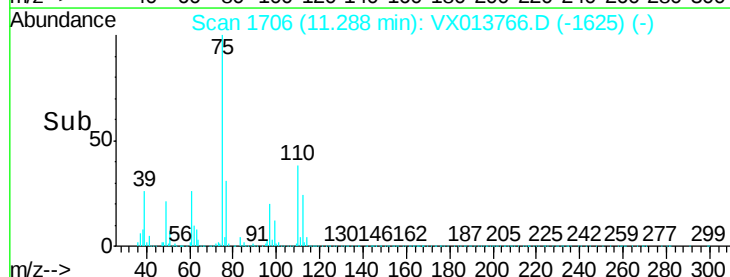
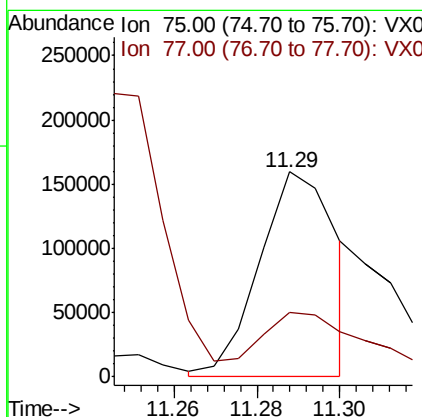
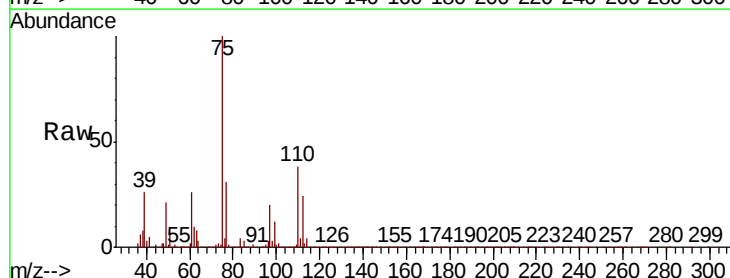
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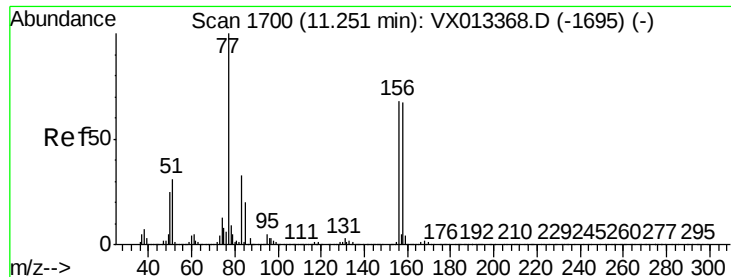
apatel
 12/6/2019 9:30:40 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.752 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	44.1	0.0	86.2	





#73

Bromobenzene

Concen: 20.720 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

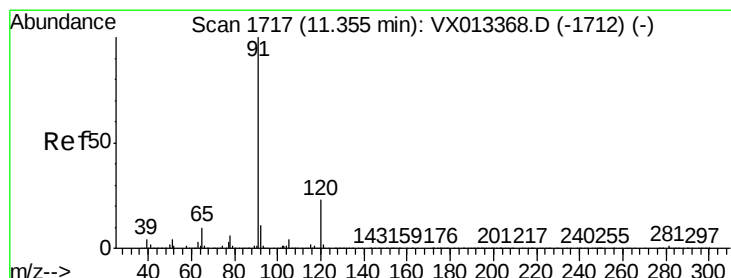
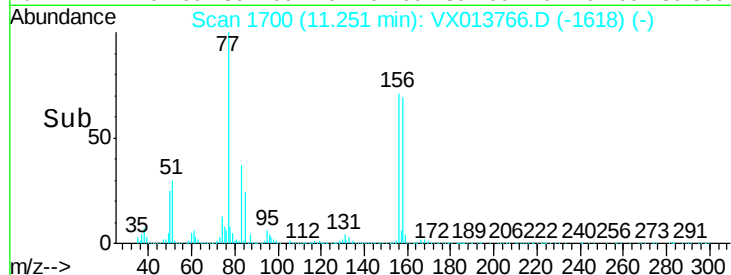
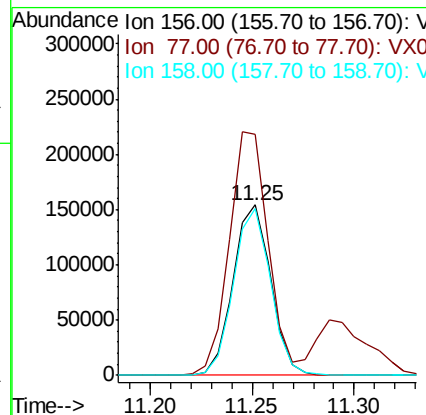
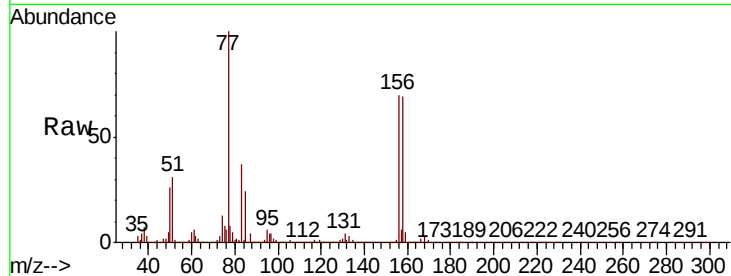
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	197181
Ion Ratio	Lower	Upper	
156	100		
77	146.6	0.0	308.8
158	96.6	0.0	197.0

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#74

n-propylbenzene

Concen: 21.080 ug/l

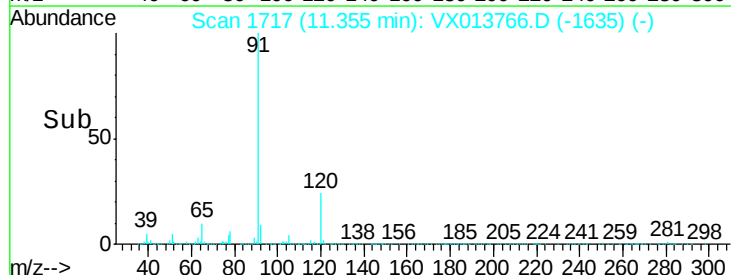
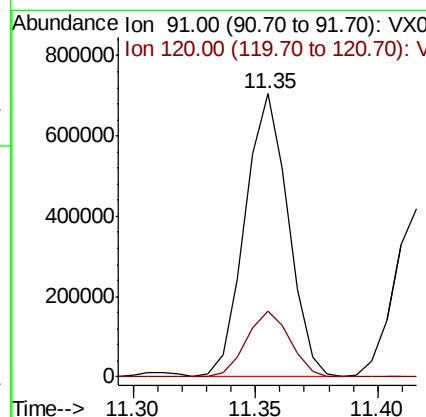
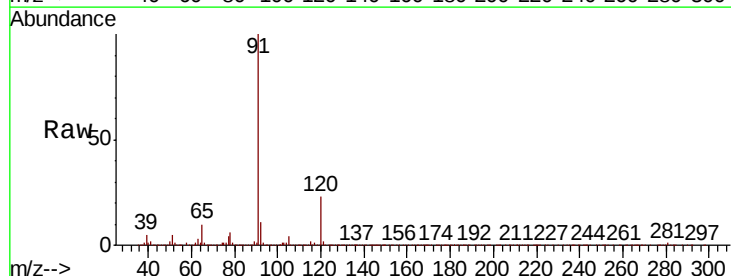
RT: 11.35 min Scan# 1717

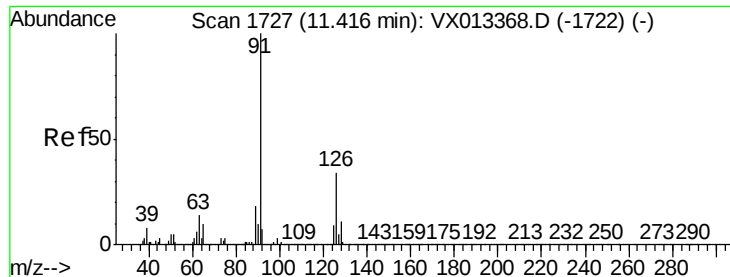
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	91	Resp:	864484
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.911 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 509947

Ion Ratio Lower Upper

91 100

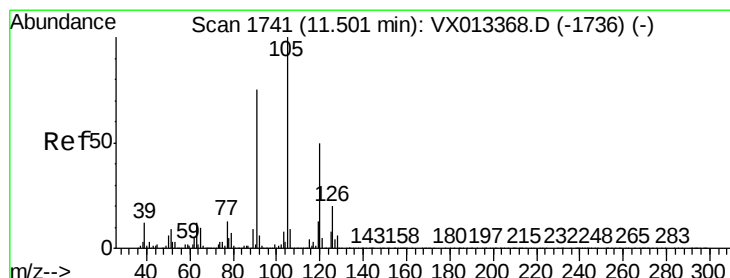
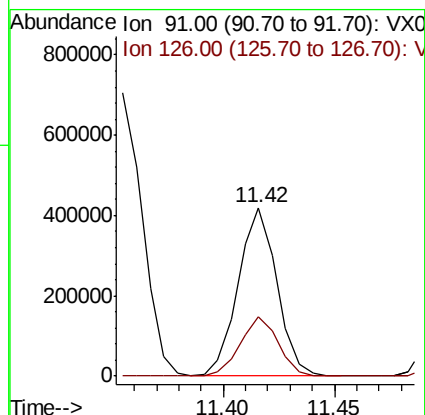
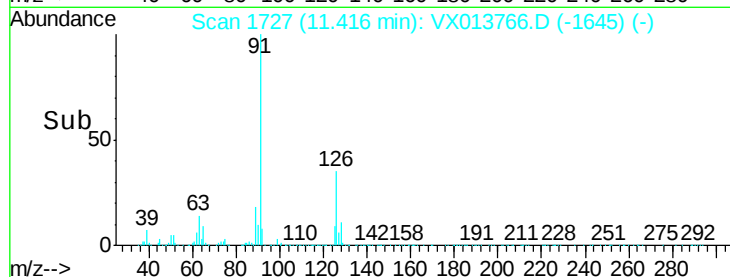
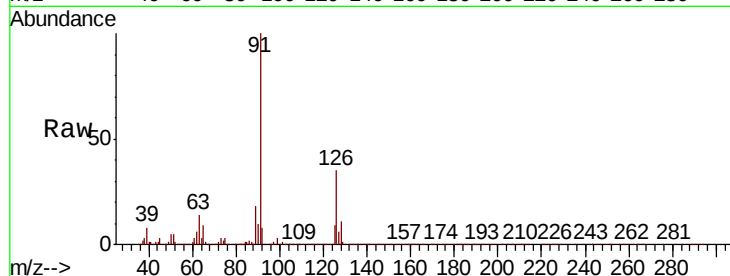
126 34.5 0.0 69.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 20.857 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013766.D

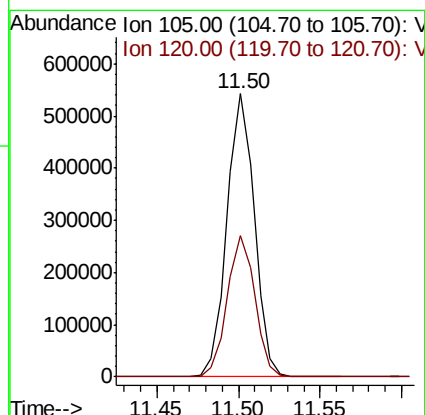
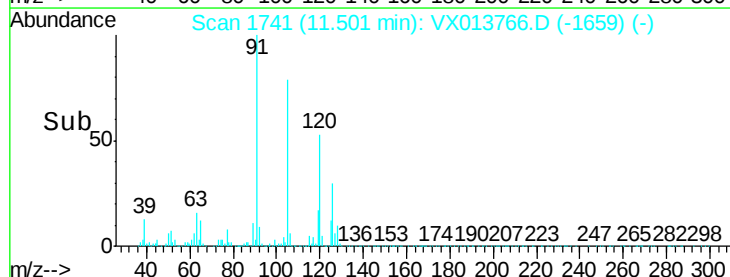
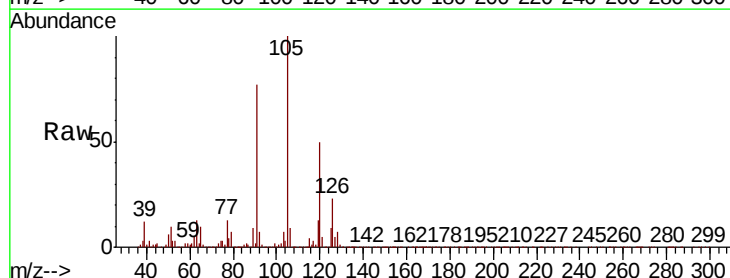
Acq: 05 Dec 2019 10:27

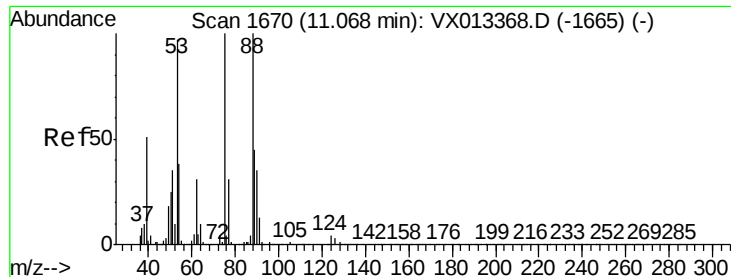
Tgt Ion: 105 Resp: 632633

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.248 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

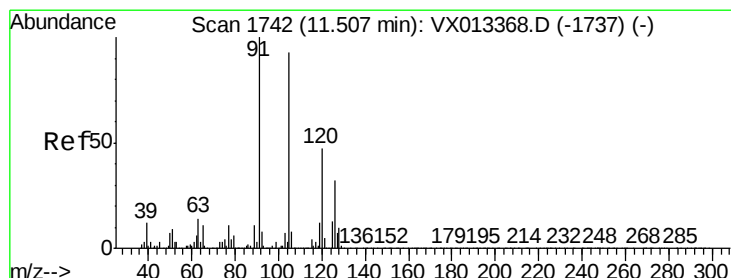
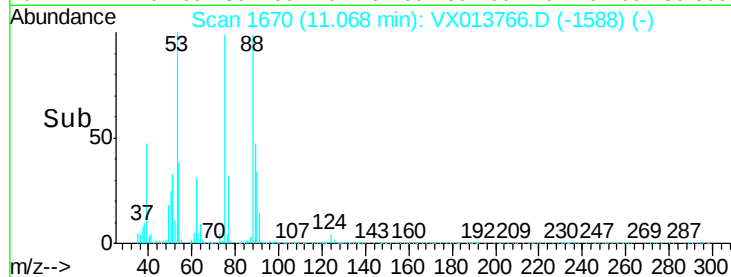
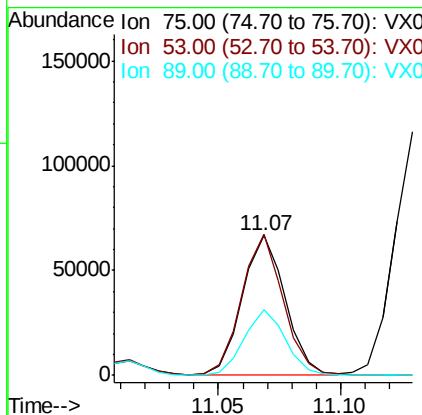
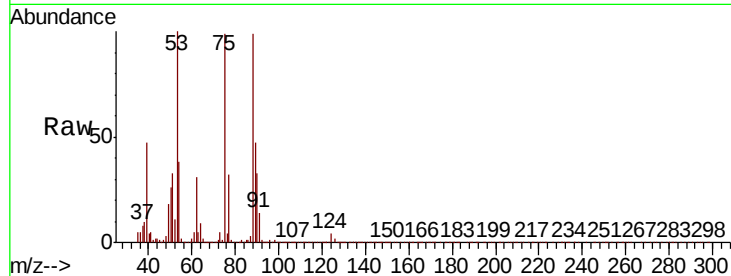
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	80498
Ion	Ratio	Lower	Upper
75	100		
53	101.0	48.8	146.3
89	47.1	22.3	66.8

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#78

4-Chlorotoluene

Concen: 20.584 ug/l

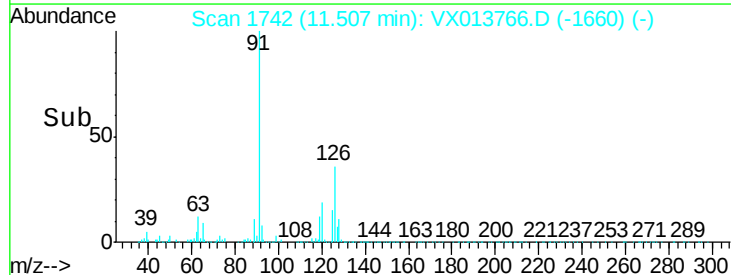
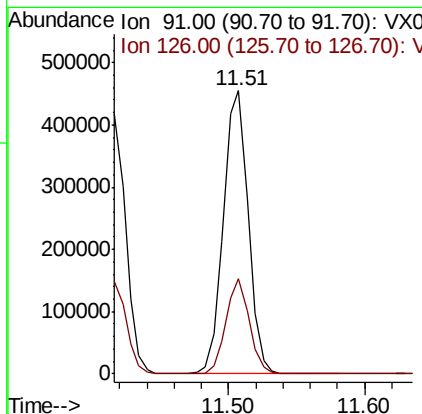
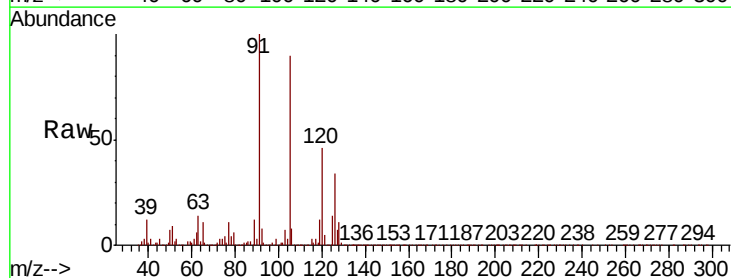
RT: 11.51 min Scan# 1742

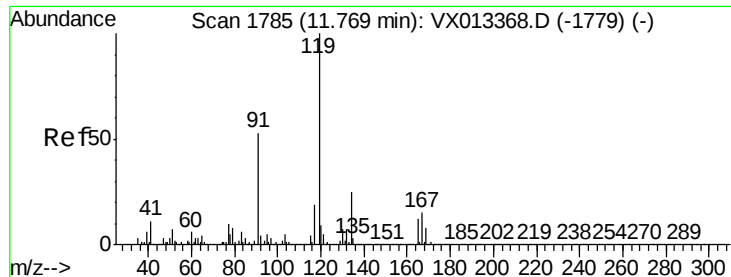
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	91	Resp:	575120
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	61.0





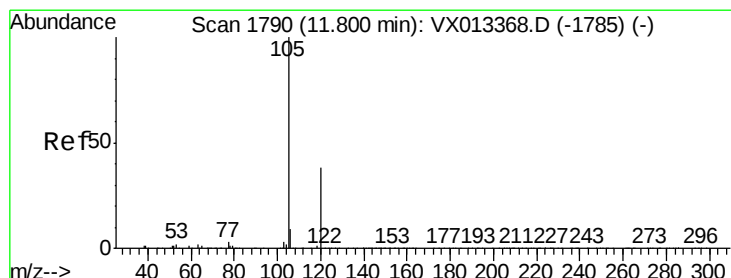
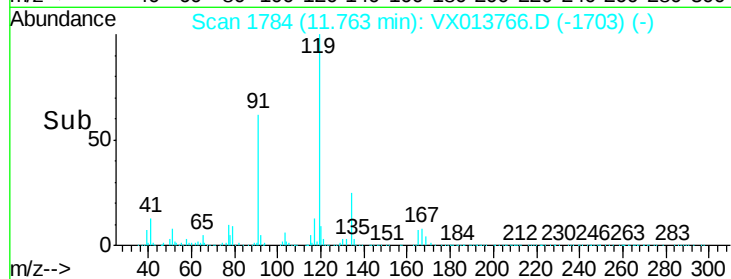
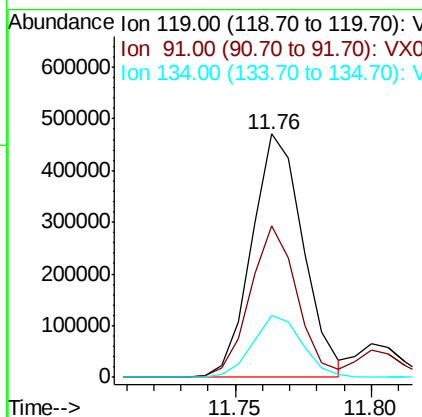
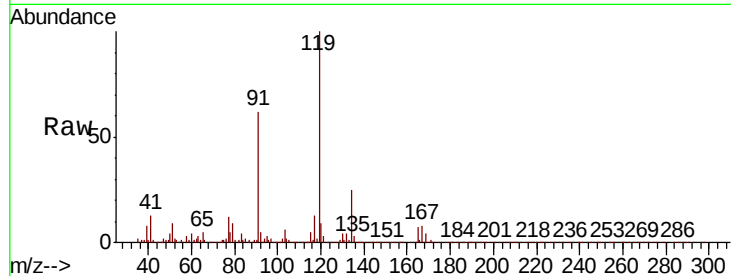
#79
tert-butylbenzene
Concen: 20.202 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	618244		
91	56.7	0.0	109.6	
134	24.3	0.0	47.8	

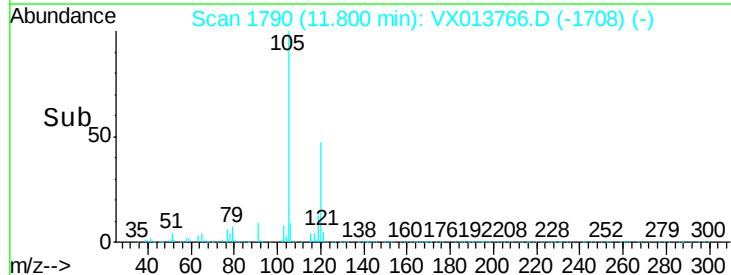
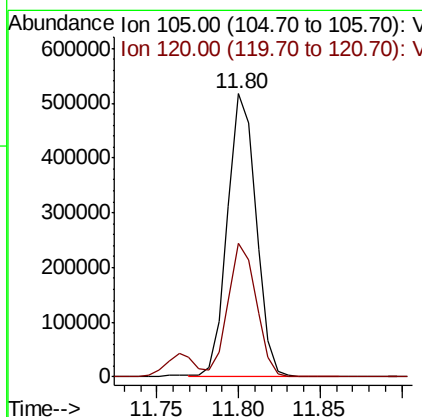
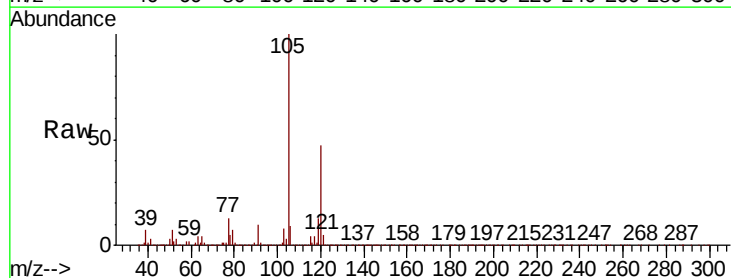
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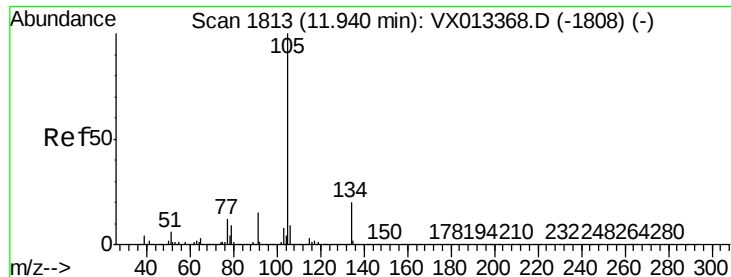
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#80
1,2,4-Trimethylbenzene
Concen: 20.874 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	630949		
120	46.4	0.0	94.0	





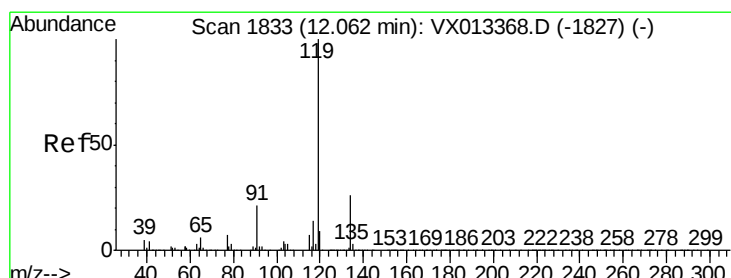
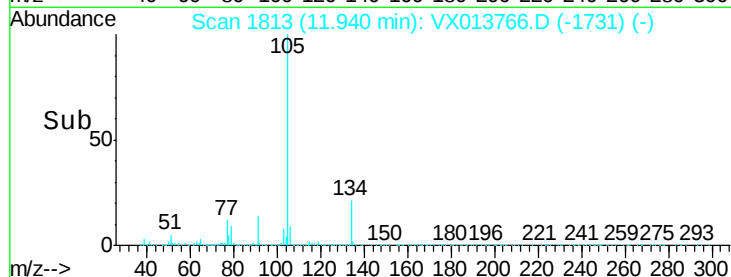
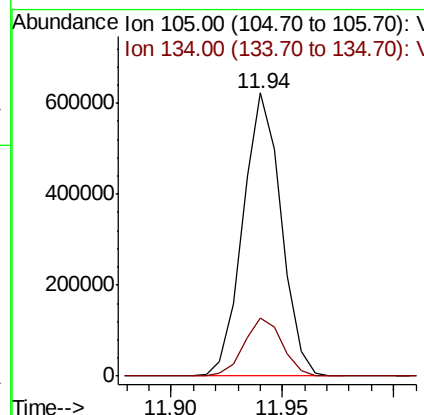
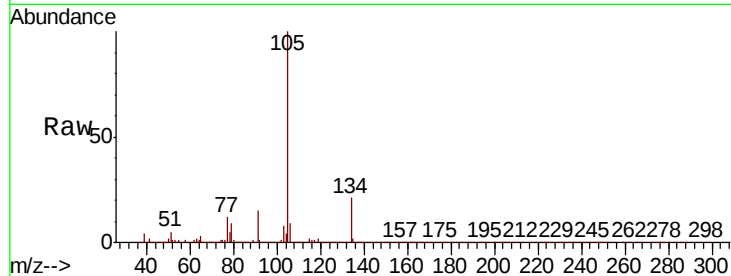
#81
 sec-Butylbenzene
 Concen: 21.328 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	0.0	41.2

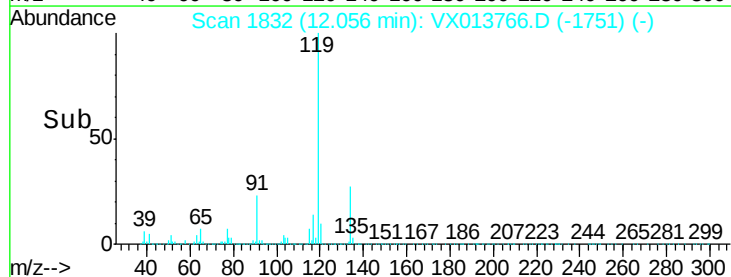
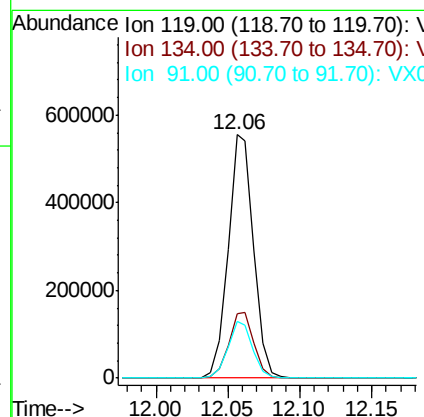
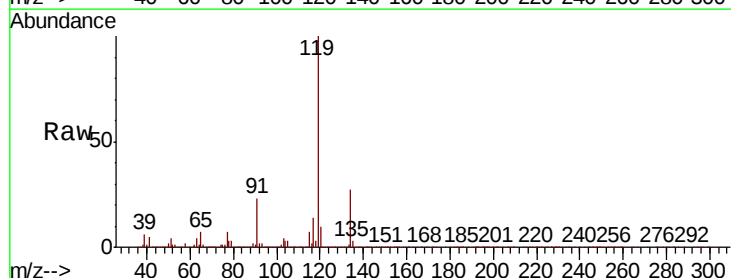
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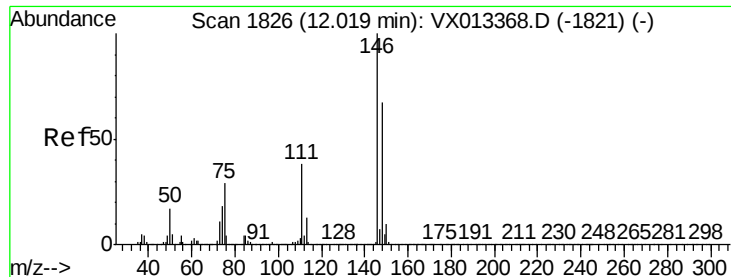
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#82
 p-Isopropyltoluene
 Concen: 21.317 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	51.6
91	22.6	0.0	44.2





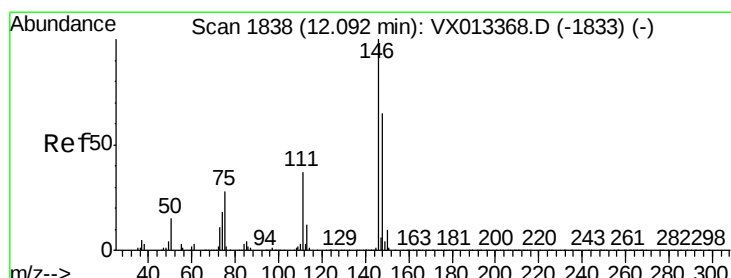
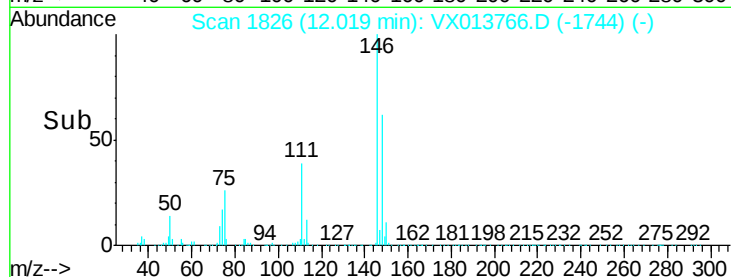
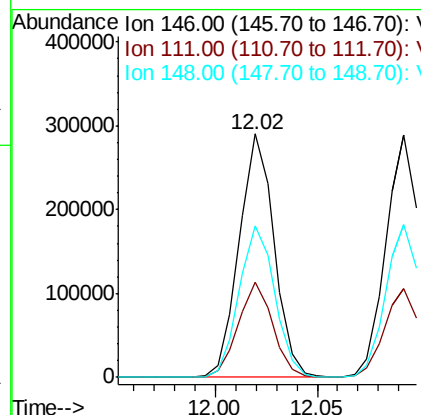
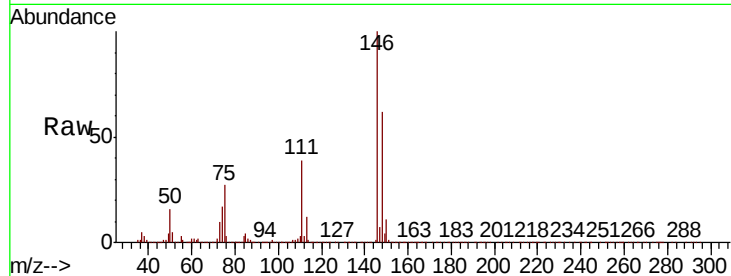
#83
 1,3-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	63.7	32.3	96.9

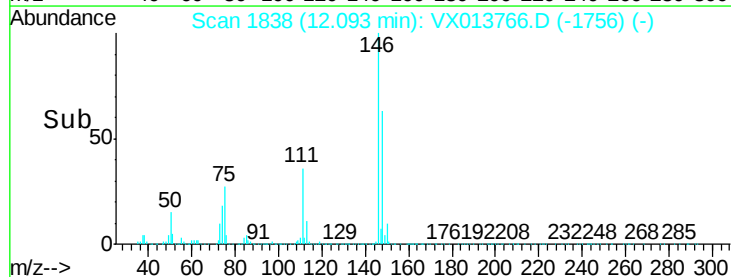
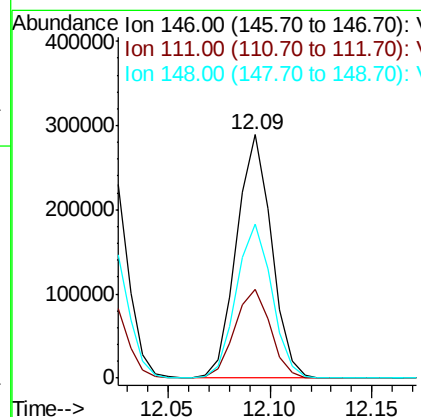
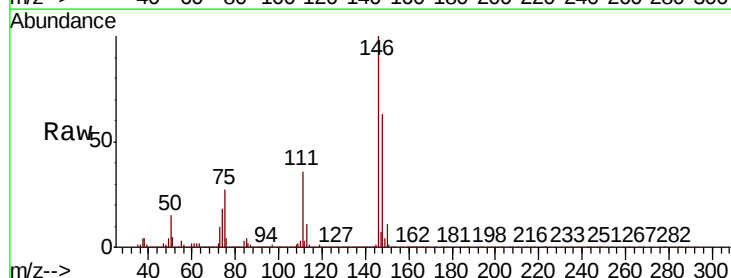
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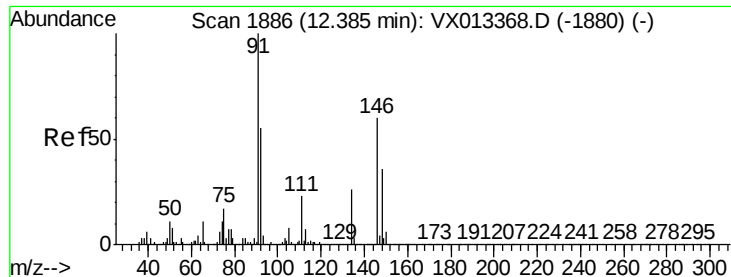
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#84
 1,4-Dichlorobenzene
 Concen: 20.720 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.3	32.5	97.4





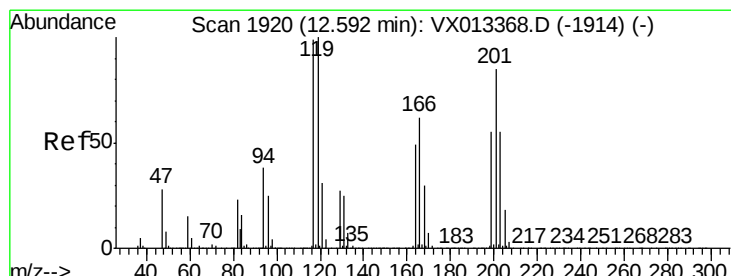
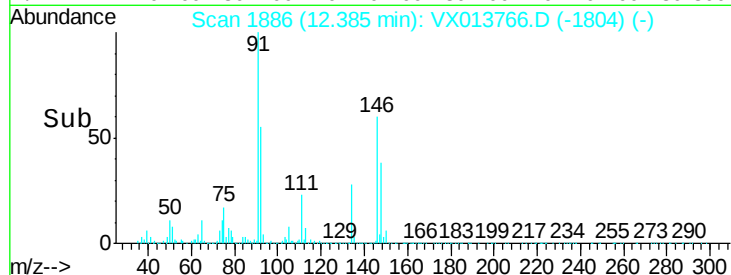
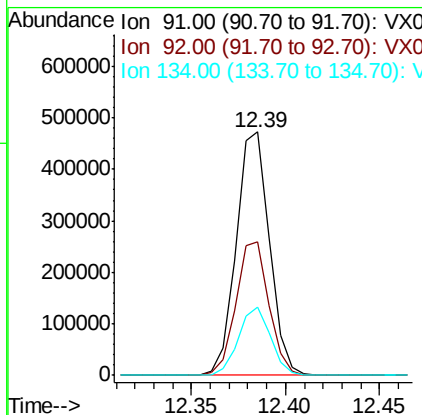
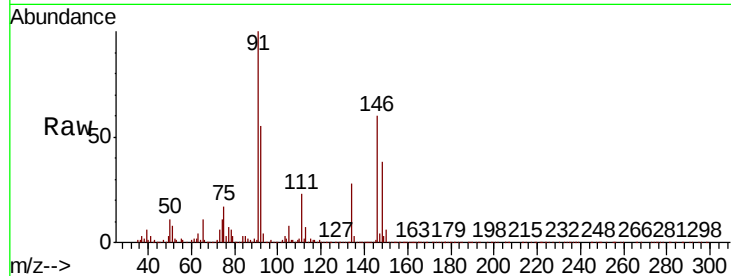
#85
n-Butylbenzene
Concen: 20.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	574880		
92	54.8		0.0	109.0
134	27.2		0.0	53.0

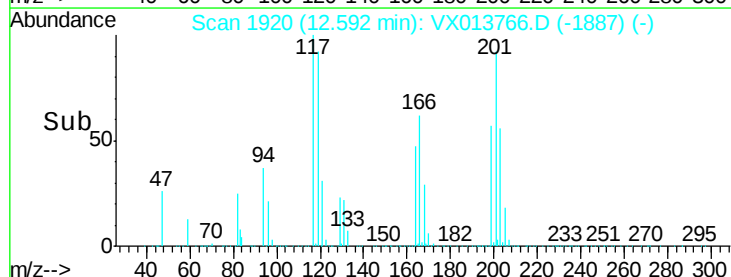
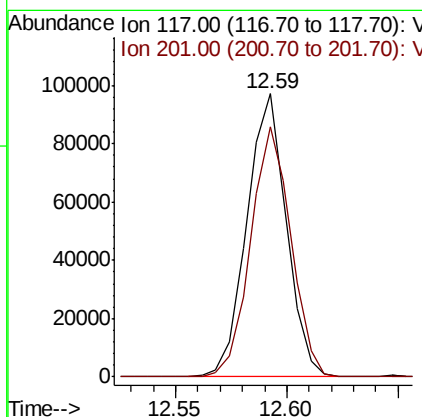
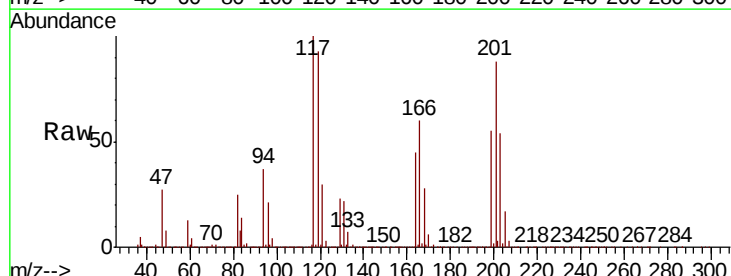
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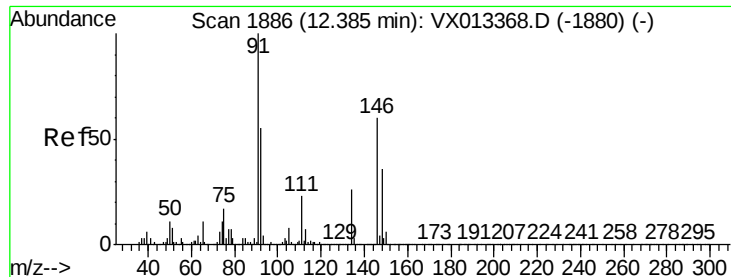
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#86
Hexachloroethane
Concen: 20.282 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119732		
201	89.8		44.5	133.3





#87

1,2-Dichlorobenzene

Concen: 20.741 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

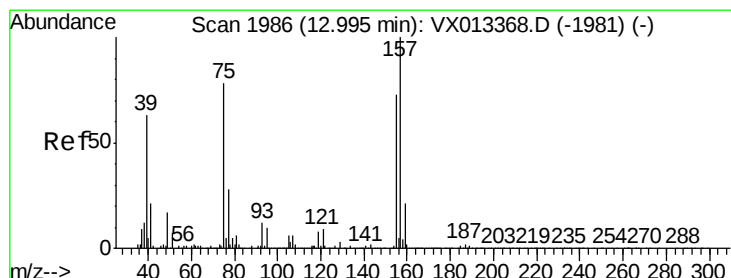
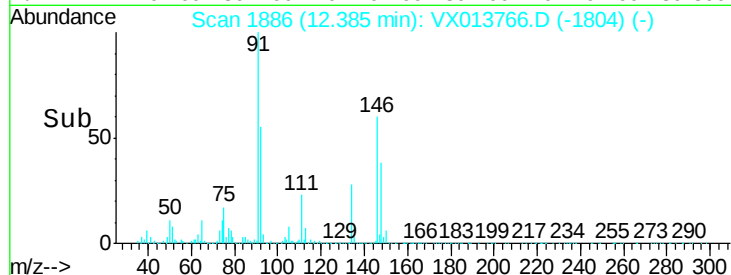
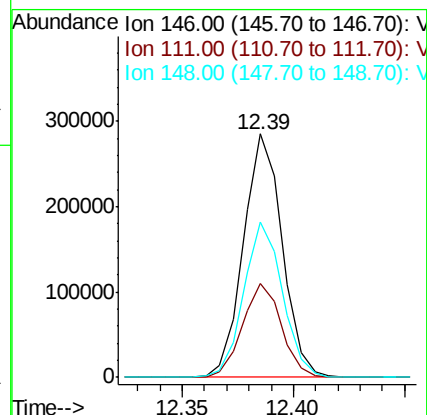
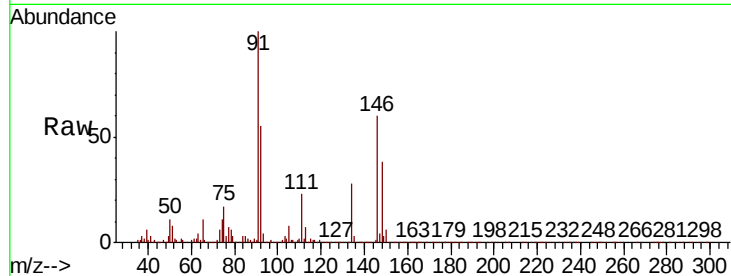
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	346991
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.6	58.7
148	63.6	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.887 ug/l

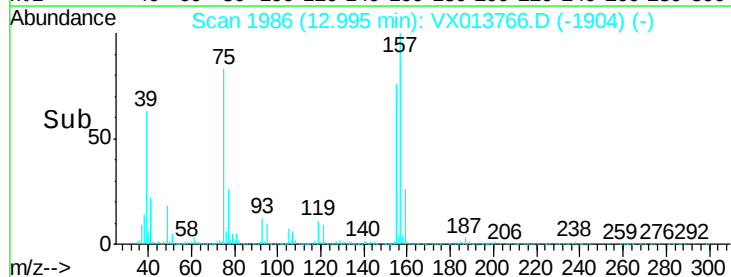
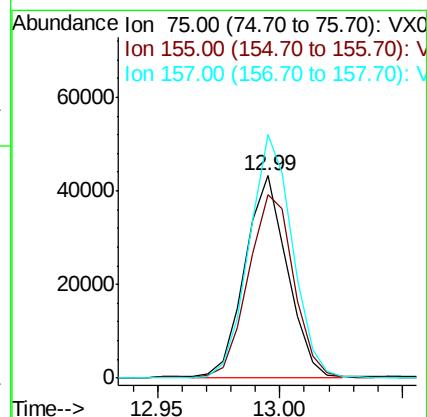
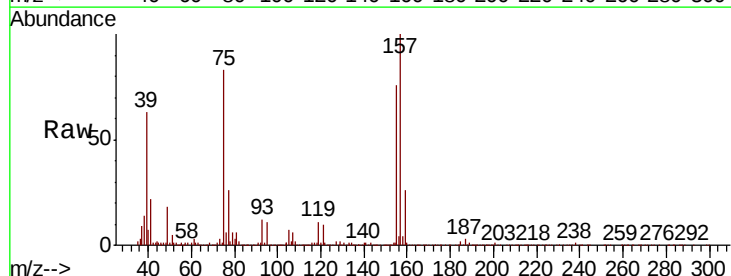
RT: 12.99 min Scan# 1986

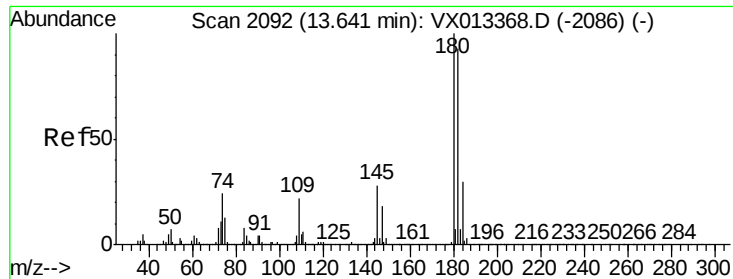
Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion:	75	Resp:	51683
Ion Ratio	Lower	Upper	
75	100		
155	97.7	76.9	115.3
157	123.9	101.2	151.8





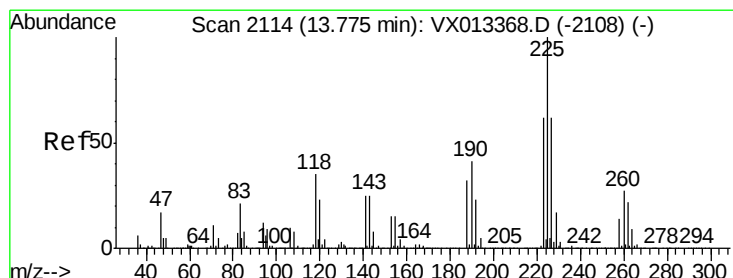
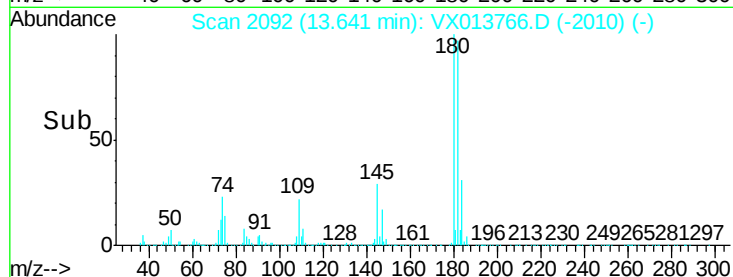
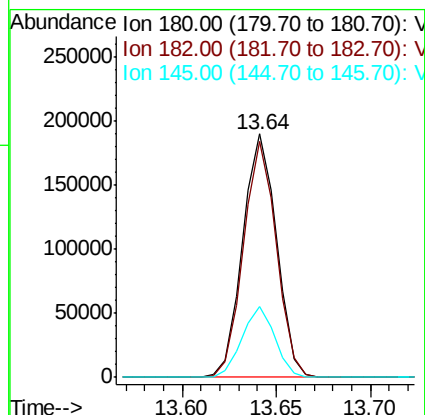
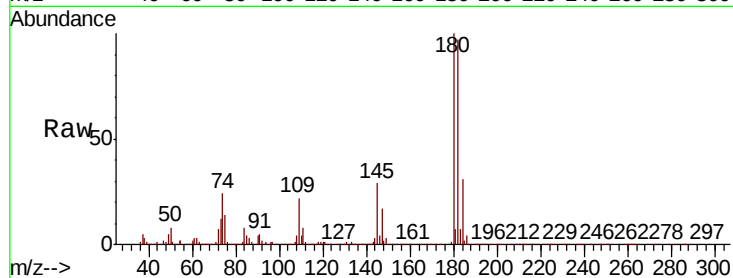
#89
 1,2,4-Trichlorobenzene
 Concen: 20.406 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.7	112.1
145	28.4	22.1	33.1

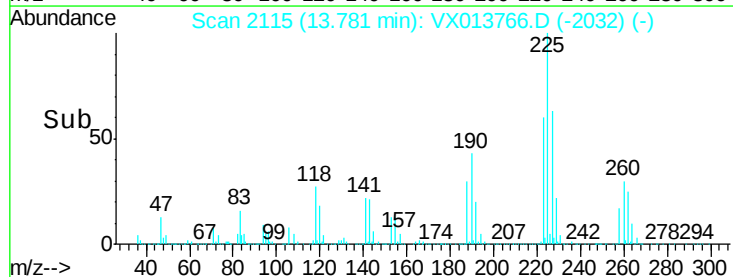
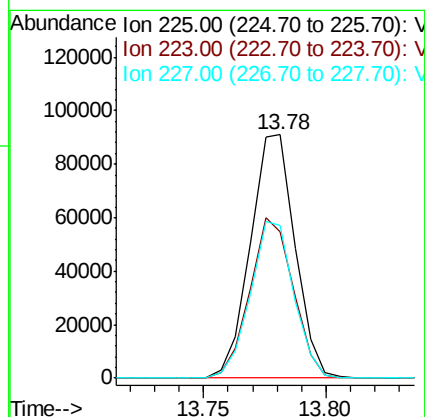
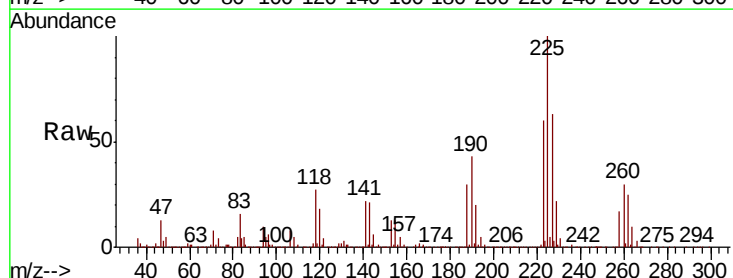
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#90
 Hexachlorobutadiene
 Concen: 20.920 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	123.0
227	63.1	0.0	121.8





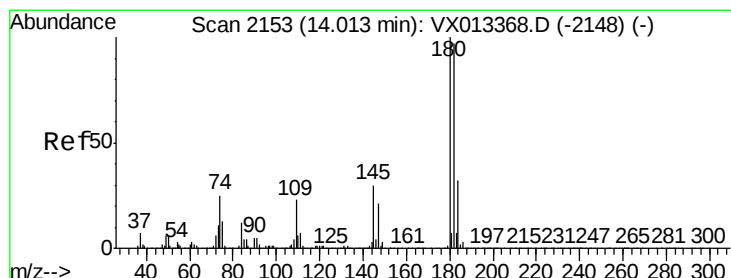
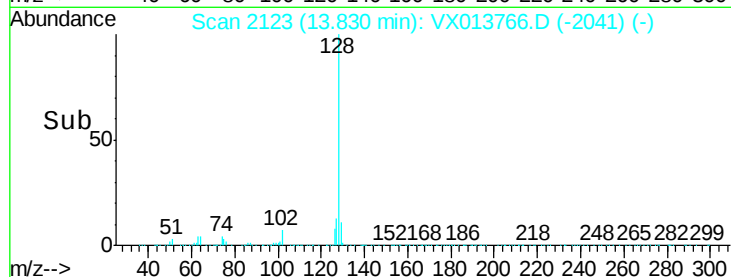
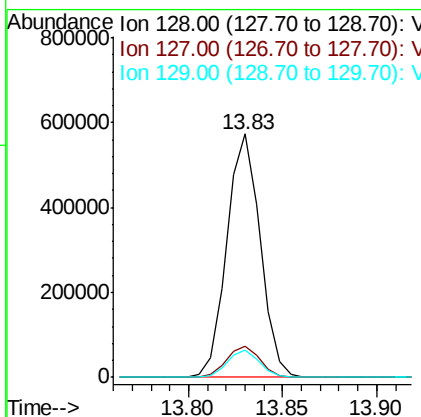
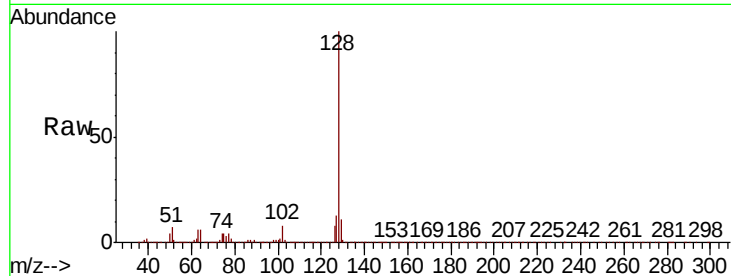
#91
Naphthalene
Concen: 19.277 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 20.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.0
145	29.4	0.0	59.0

