

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX013846.D
 Acq On : 09 Dec 2019 11:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/11/2019 8:54:29 AM

Quant Time: Dec 10 03:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	591557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	889832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	415045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	323224	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.48	113	269382	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	986539	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.13	95	368838	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	287825	43.713	ug/l	99
3) Chloromethane	1.32	50	322941	43.711	ug/l	99
4) Vinyl Chloride	1.40	62	375901	45.205	ug/l	98
5) Bromomethane	1.63	94	238925	42.784	ug/l	99
6) Chloroethane	1.71	64	211558	44.709	ug/l	99
7) Trichlorofluoromethane	1.92	101	408436	44.234	ug/l	98
8) Diethyl Ether	2.18	74	203608	48.741	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259380	45.989	ug/l	99
10) Methyl Iodide	2.50	142	289622	42.451	ug/l	100
11) Tert butyl alcohol	3.03	59	375380	221.475	ug/l	99
12) 1,1-Dichloroethene	2.36	96	250675	44.528	ug/l	100
13) Acrolein	2.28	56	458719	400.975	ug/l	99
14) Allyl chloride	2.72	41	485925	47.563	ug/l	100
15) Acrylonitrile	3.12	53	868616	248.276	ug/l	100
16) Acetone	2.43	43	912098	269.044	ug/l	99
17) Carbon Disulfide	2.56	76	659597	41.100	ug/l	100
18) Methyl Acetate	2.76	43	497077	52.655	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	941221	50.468	ug/l	99
20) Methylene Chloride	2.84	84	305185	46.857	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	277358	45.225	ug/l	99
22) Diisopropyl ether	3.84	45	998870	50.776	ug/l	91
23) Vinyl Acetate	3.80	43	4162715	254.364	ug/l	100
24) 1,1-Dichloroethane	3.69	63	524966	48.816	ug/l	99
25) 2-Butanone	4.65	43	1299587	257.936	ug/l	99
26) 2,2-Dichloropropane	4.57	77	409349	46.007	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	330334	46.902	ug/l	100
28) Bromochloromethane	5.00	49	223779	52.657	ug/l	99
29) Tetrahydrofuran	5.11	42	786975	253.371	ug/l	99
30) Chloroform	5.20	83	512431	46.985	ug/l	96
31) Cyclohexane	5.57	56	446130	43.983	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	422172	46.321	ug/l	99
36) 1,1-Dichloropropene	5.79	75	371918	46.044	ug/l	99
37) Ethyl Acetate	4.81	43	473864	52.293	ug/l	100
38) Carbon Tetrachloride	5.77	117	356521	47.867	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	450423	45.112	ug/l	97
40) Benzene	6.13	78	1172824	47.673	ug/l	99
41) Methacrylonitrile	5.03	41	266231	53.572	ug/l	99
42) 1,2-Dichloroethane	6.18	62	421287	50.213	ug/l	99
43) Isopropyl Acetate	6.43	43	767888	51.473	ug/l	100
44) Trichloroethene	7.20	130	312901	46.344	ug/l	94
45) 1,2-Dichloropropane	7.50	63	313062	50.862	ug/l	99
46) Dibromomethane	7.65	93	206266	49.341	ug/l	98
47) Bromodichloromethane	7.89	83	412732	52.225	ug/l	99
48) Methyl methacrylate	7.76	41	383422	52.897	ug/l	99
49) 1,4-Dioxane	7.73	88	147679	910.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2441931	260.223	ug/l	99
52) Toluene	8.78	92	735787	48.143	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	459055	51.032	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	510607	51.956	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	321563	52.211	ug/l	99
56) Ethyl methacrylate	9.17	69	521484	52.665	ug/l	99
57) 1,3-Dichloropropane	9.37	76	535976	50.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	949042	244.455	ug/l	99
59) 2-Hexanone	9.48	43	1890340	258.285	ug/l	99
60) Dibromochloromethane	9.57	129	337291	52.771	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328955	50.009	ug/l	99
64) Tetrachloroethene	9.33	164	279204	46.192	ug/l	98
65) Chlorobenzene	10.14	112	800209	47.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	304528	50.395	ug/l	99
67) Ethyl Benzene	10.25	91	1401289	48.458	ug/l	98
68) m/p-Xylenes	10.35	106	1074242	97.030	ug/l	100
69) o-Xylene	10.70	106	527978	48.897	ug/l	99
70) Styrene	10.71	104	911500	50.183	ug/l	99
71) Bromoform	10.85	173	261633	52.327	ug/l #	99
73) Isopropylbenzene	11.01	105	1363665	46.839	ug/l	100
74) N-amyl acetate	10.89	43	681247	51.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	505758	50.092	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	478273m	51.234	ug/l	
77) Bromobenzene	11.25	156	364501	46.344	ug/l	96
78) n-propylbenzene	11.35	91	1566211	48.191	ug/l	100
79) 2-Chlorotoluene	11.42	91	932830	47.848	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1158261	48.541	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	173915	50.969	ug/l	98
82) 4-Chlorotoluene	11.51	91	1076376	47.669	ug/l	99
83) tert-Butylbenzene	11.76	119	1164343	48.014	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1170378	48.329	ug/l	99
85) sec-Butylbenzene	11.94	105	1326154	47.877	ug/l	100
86) p-Isopropyltoluene	12.06	119	1241563	48.182	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	650431	47.441	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	648730	46.454	ug/l	99
89) n-Butylbenzene	12.39	91	1081100	49.190	ug/l	100
90) Hexachloroethane	12.59	117	224823	48.269	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	662459	48.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108388	49.297	ug/l	97

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VSTDCCC050

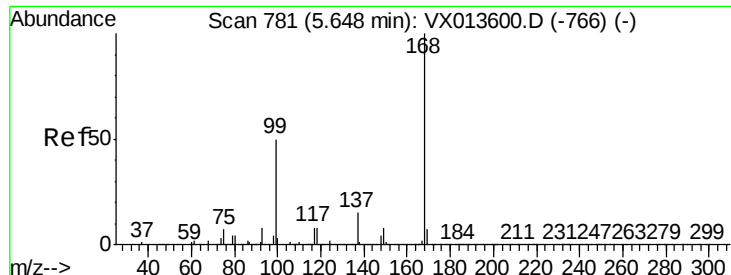
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	454736	48.167	ug/l	98
94) Hexachlorobutadiene	13.78	225	204256	45.038	ug/l	99
95) Naphthalene	13.83	128	1438622	51.169	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	452519	48.410	ug/l	98

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



#1

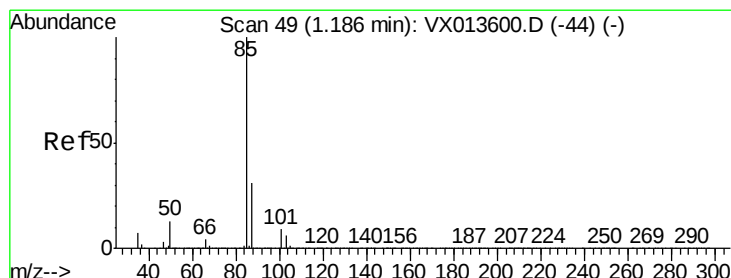
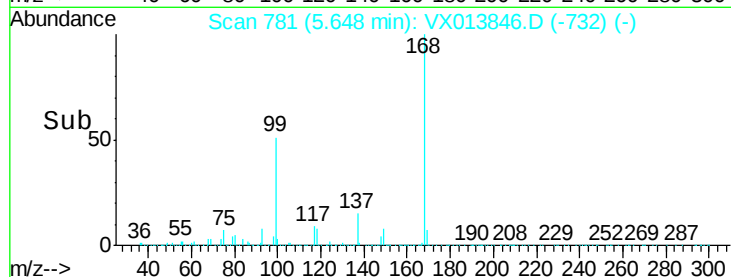
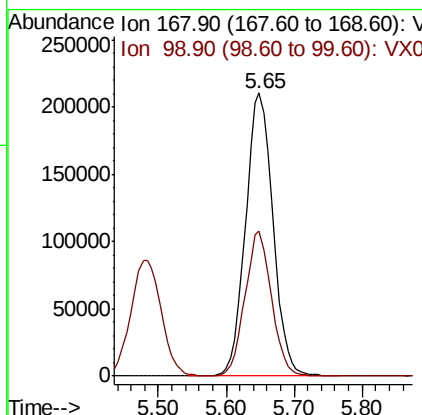
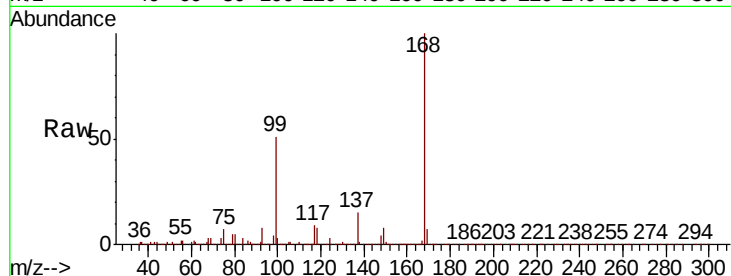
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.8	59.8

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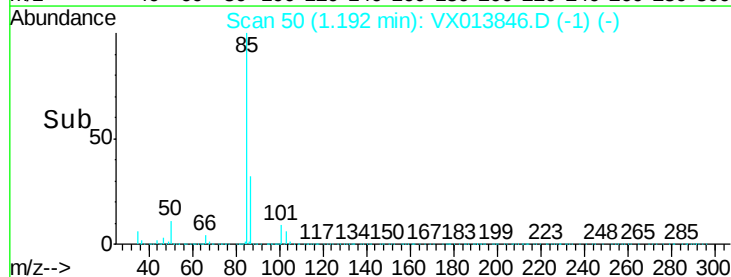
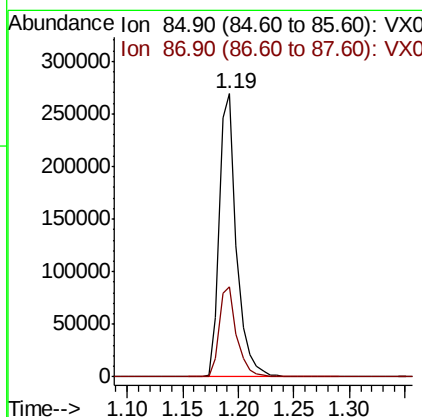
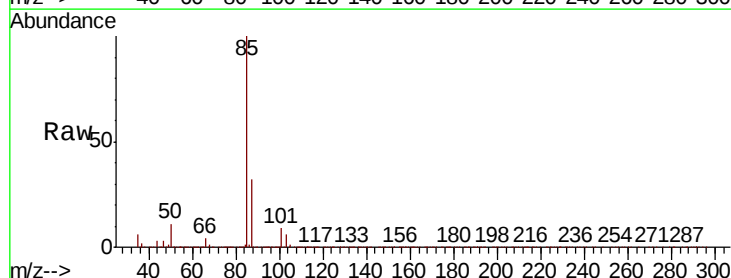
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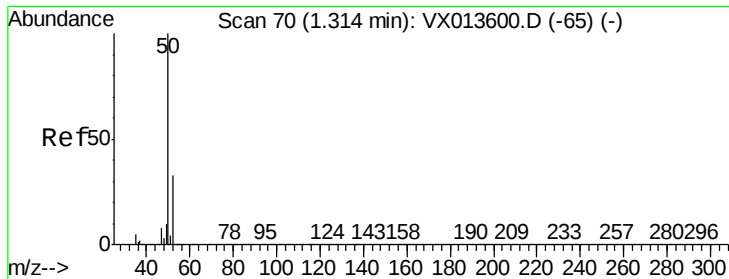


#2

Dichlorodifluoromethane
 Concen: 43.713 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.7	47.1





#3

Chloromethane

Concen: 43.711 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 322941

Ion Ratio Lower Upper

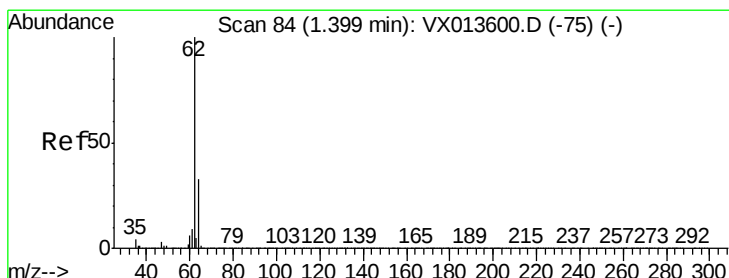
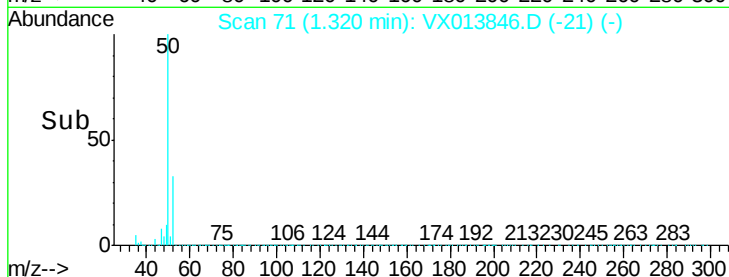
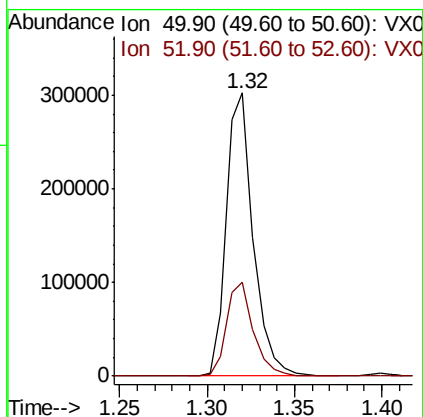
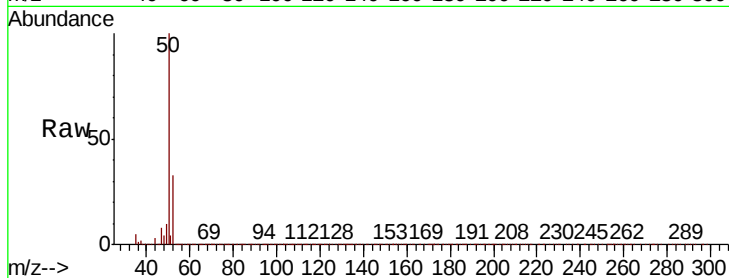
50 100

52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 45.205 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013846.D

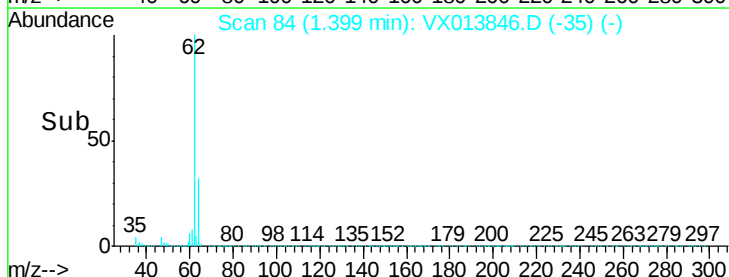
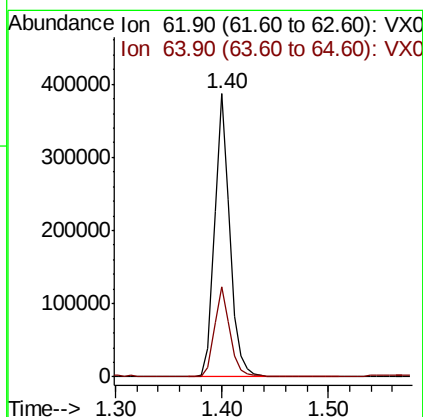
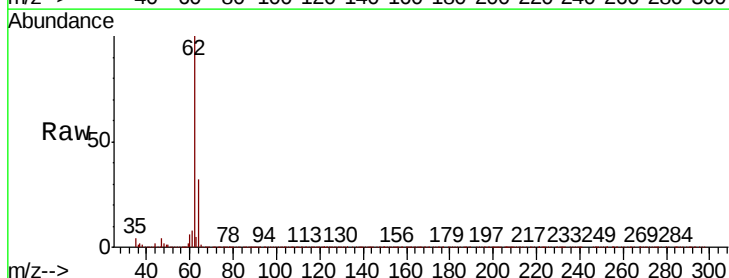
Acq: 09 Dec 2019 11:01

Tgt Ion: 62 Resp: 375901

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 42.784 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 238925

Ion Ratio Lower Upper

94 100

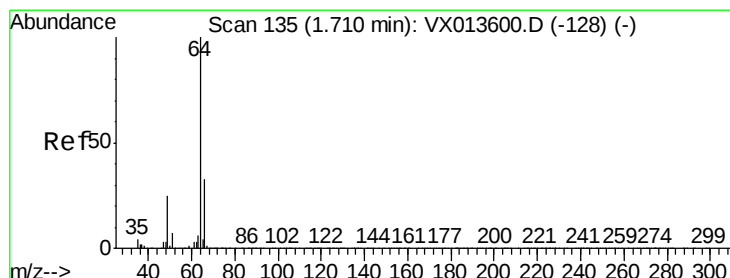
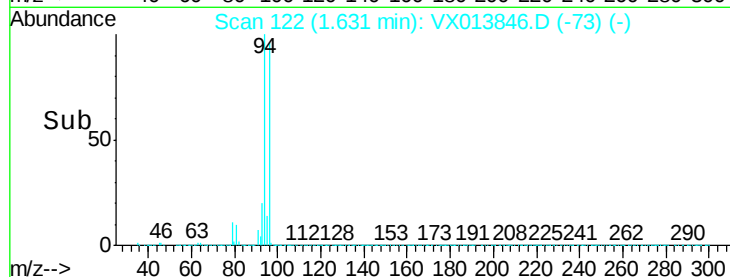
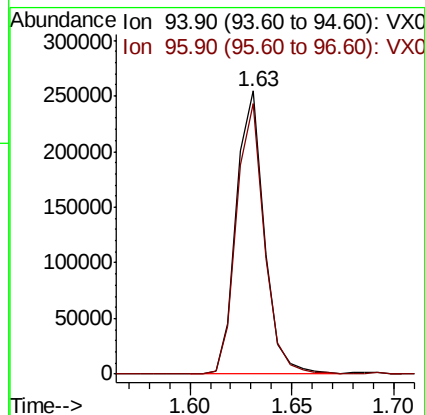
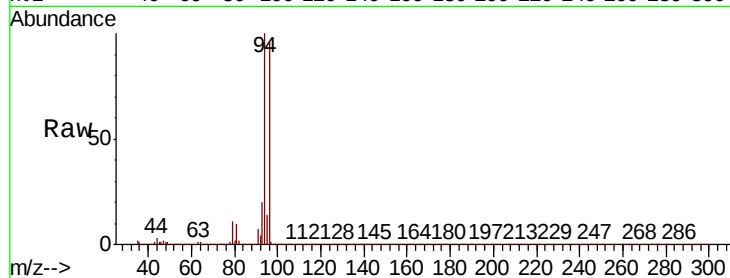
96 95.5 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 44.709 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013846.D

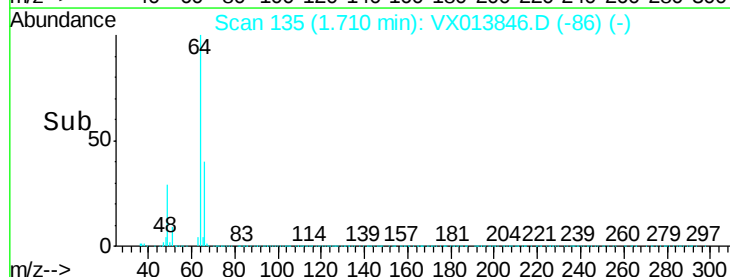
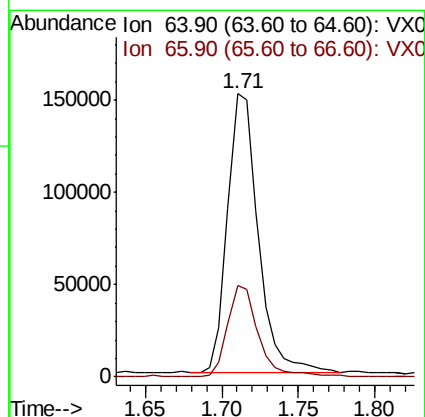
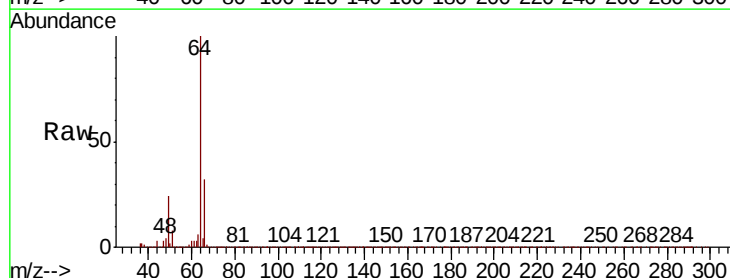
Acq: 09 Dec 2019 11:01

Tgt Ion: 64 Resp: 211558

Ion Ratio Lower Upper

64 100

66 32.6 26.7 40.1





#7

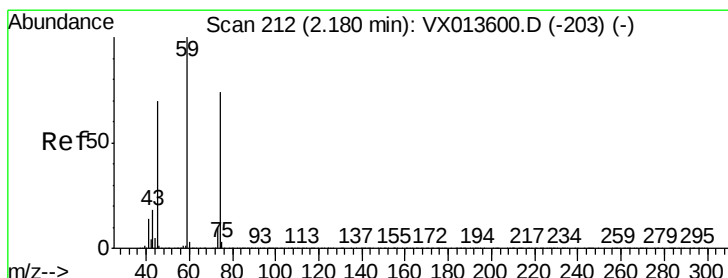
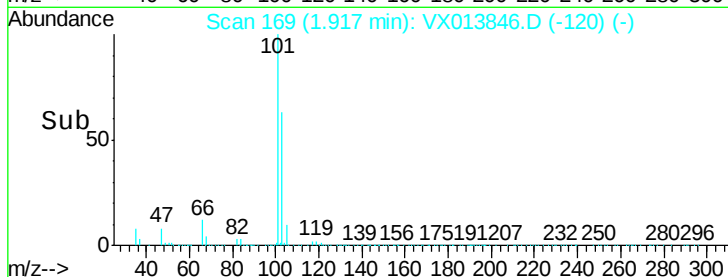
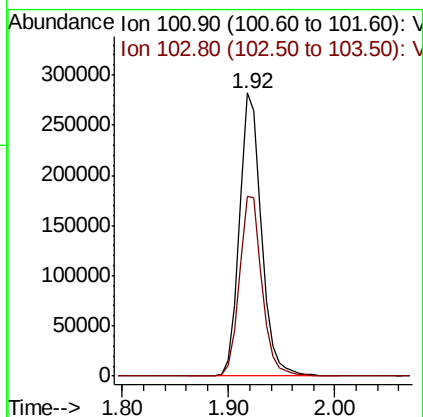
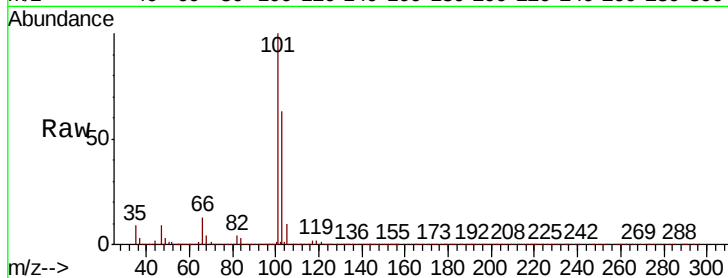
Trichlorofluoromethane
Concen: 44.234 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.8	77.6

Manual Integrations
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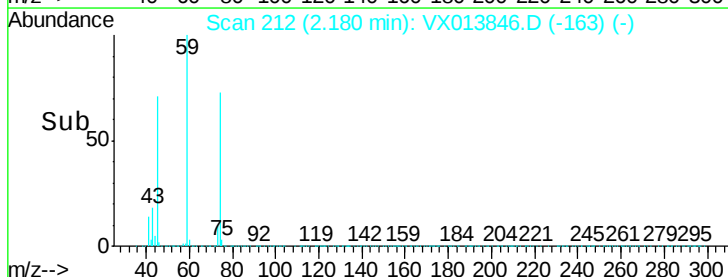
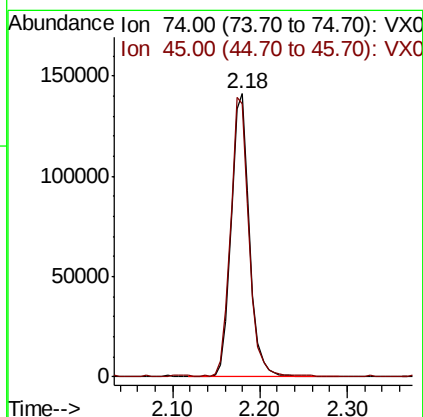
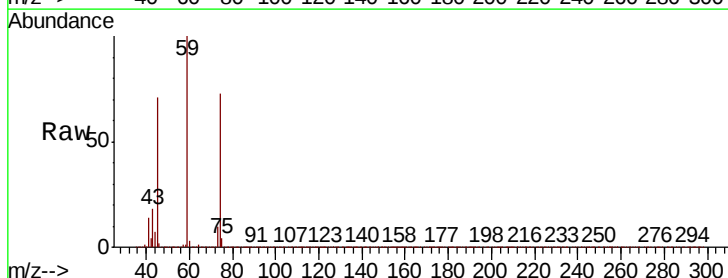
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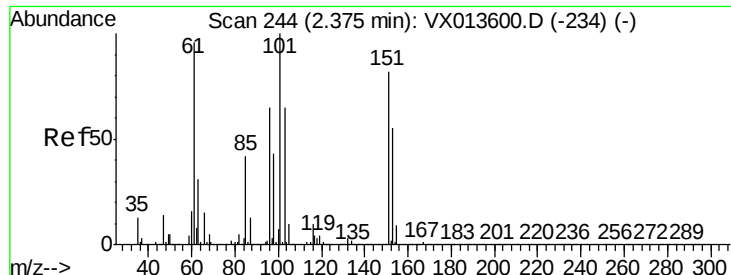


#8

Diethyl Ether
Concen: 48.741 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.989 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

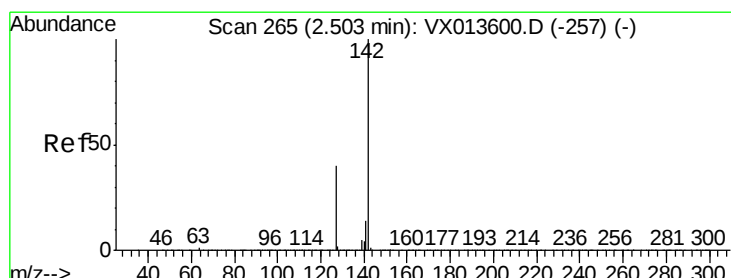
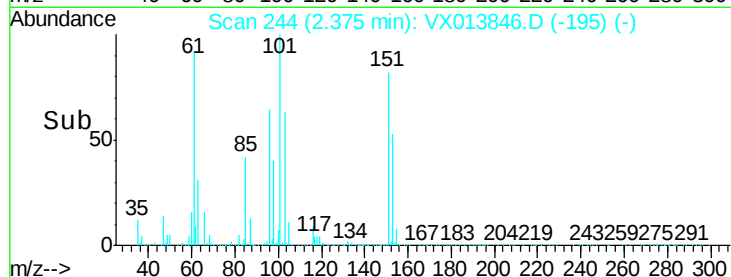
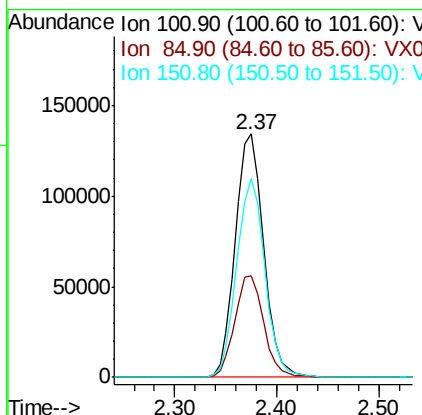
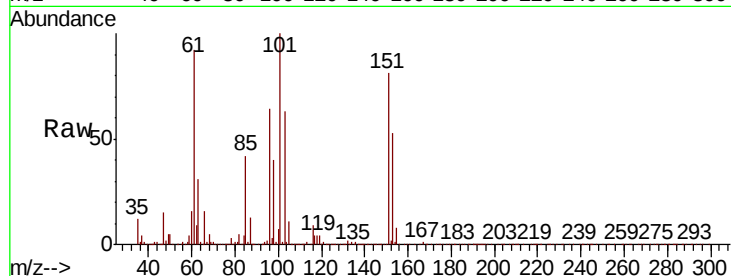
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	259380
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.9	50.9
151	81.1	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 42.451 ug/l

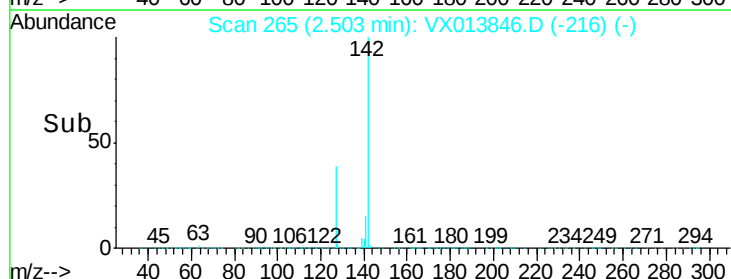
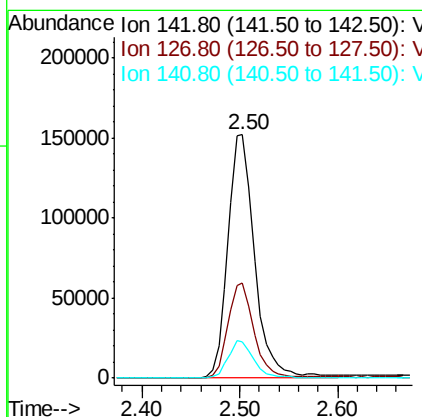
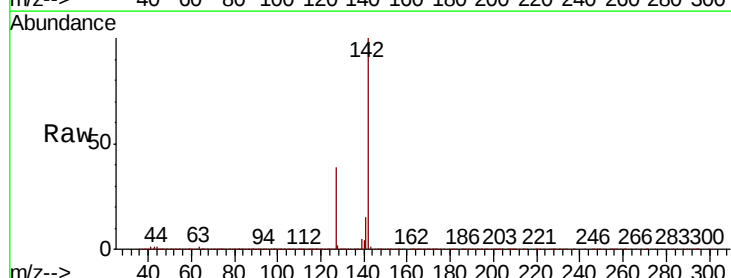
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	142	Resp:	289622
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.0	46.4
141	14.6	11.6	17.4





#11

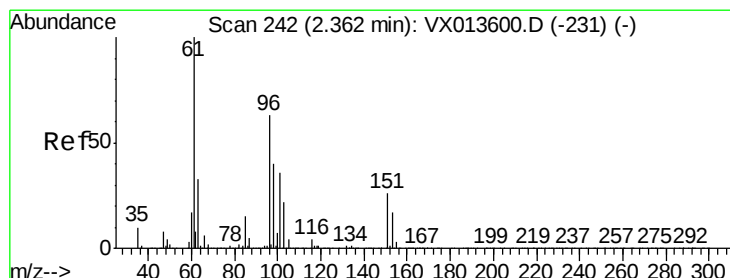
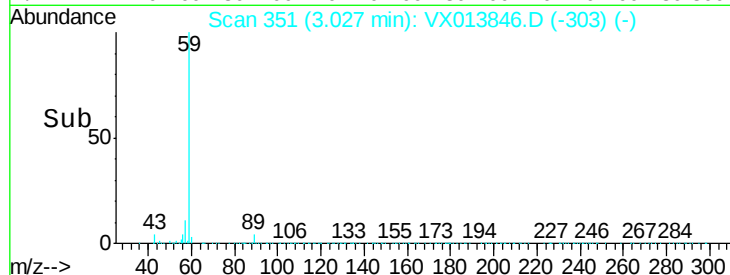
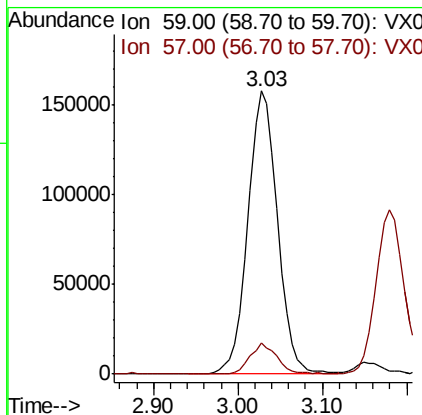
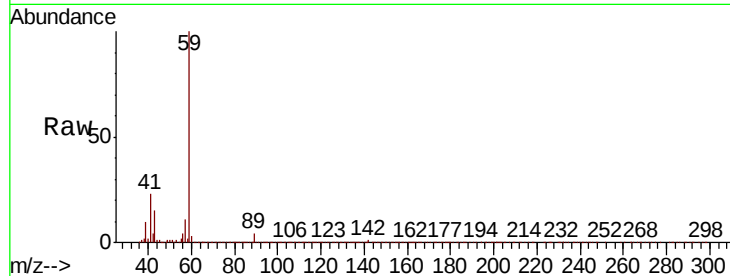
Tert butyl alcohol
Concen: 221.475 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

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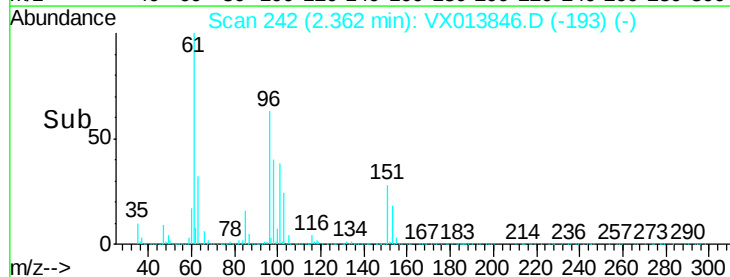
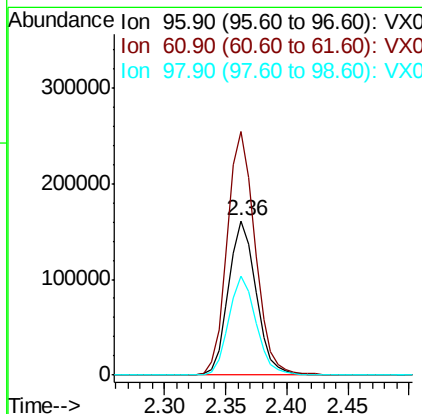
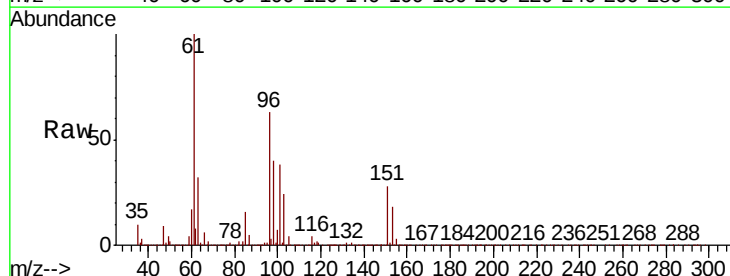
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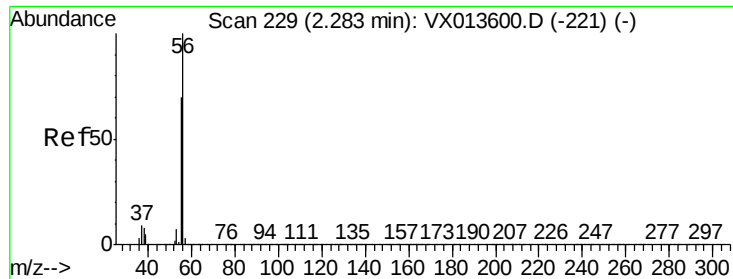


#12

1,1-Dichloroethene
Concen: 44.528 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	126.6	190.0
98	63.9	50.6	76.0





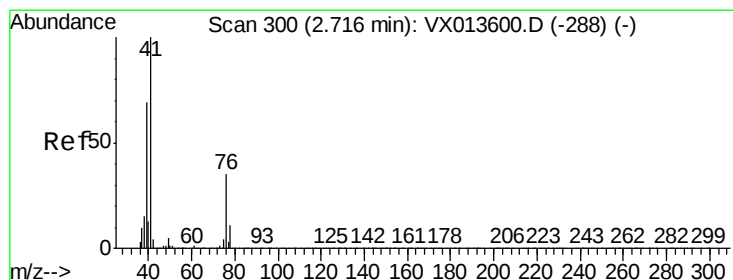
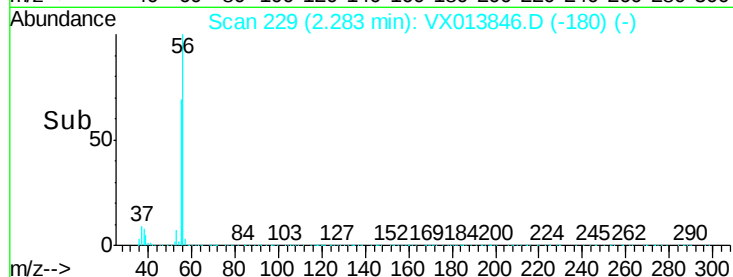
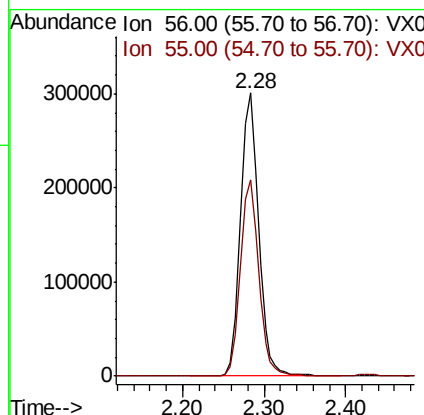
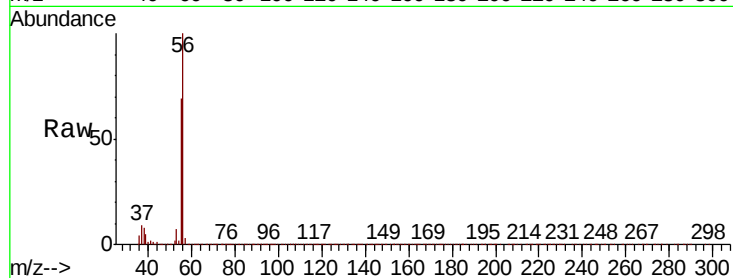
#13
Acrolein
Concen: 400.975 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.2	84.4

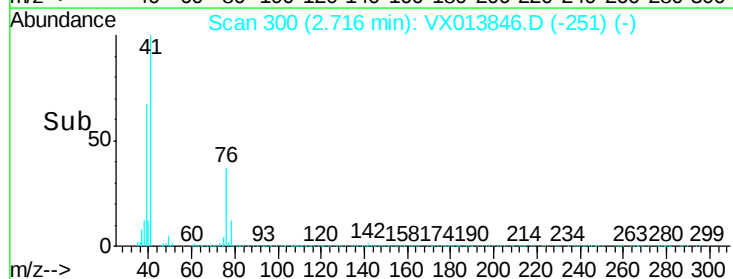
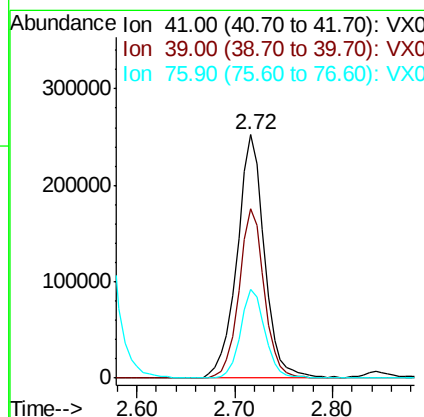
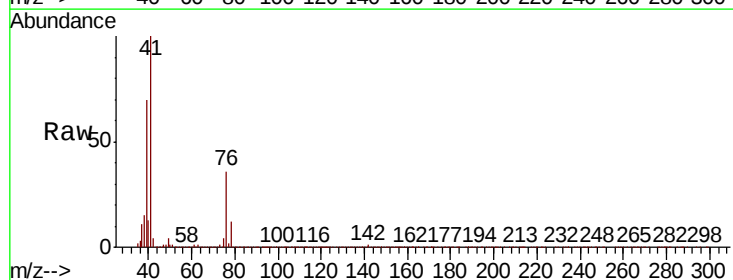
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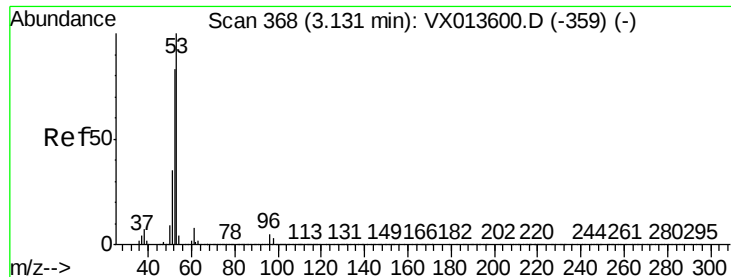
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#14
Allyl chloride
Concen: 47.563 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.7	77.5
76	32.5	25.9	38.9





#15

Acrylonitrile

Concen: 248.276 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

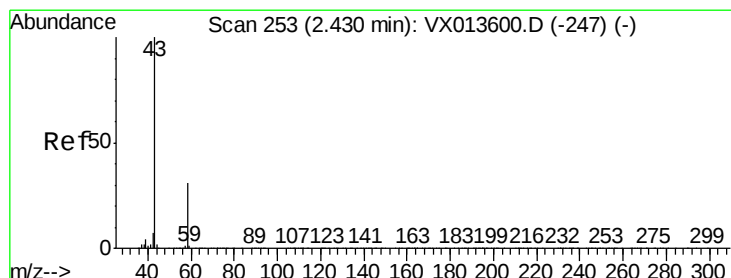
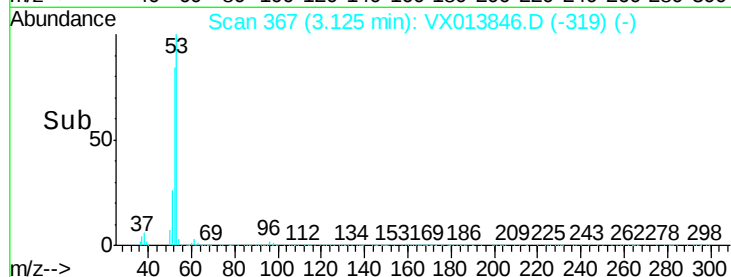
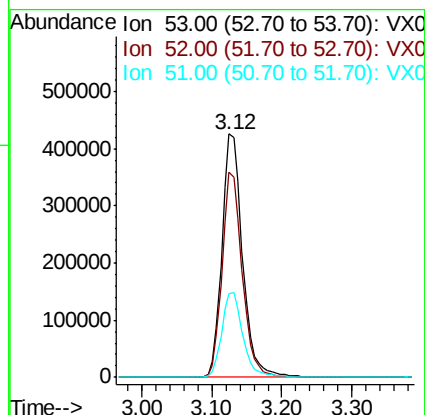
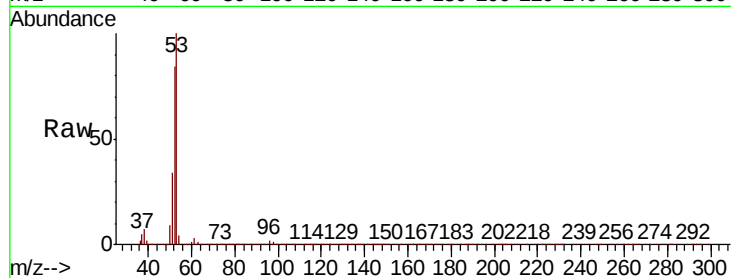
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	868616
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.2
51	35.7	29.0	43.6

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#16

Acetone

Concen: 269.044 ug/l

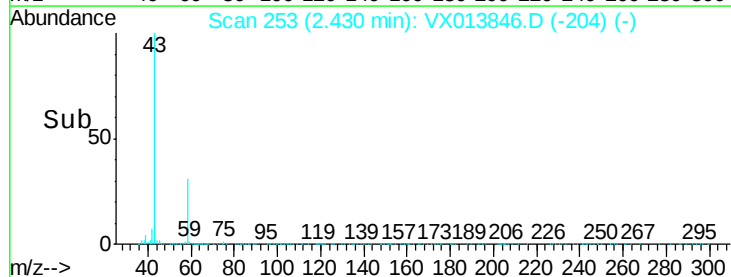
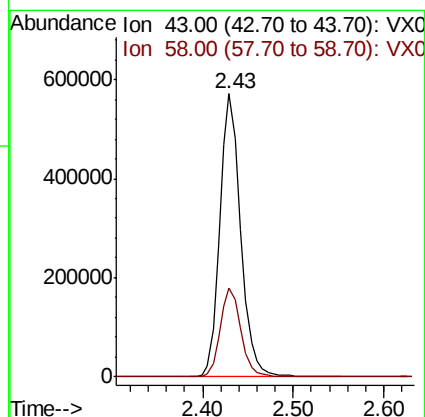
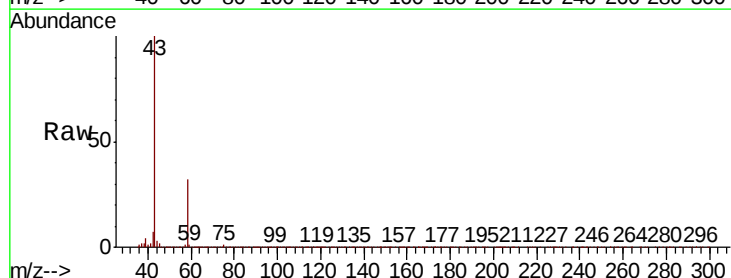
RT: 2.43 min Scan# 253

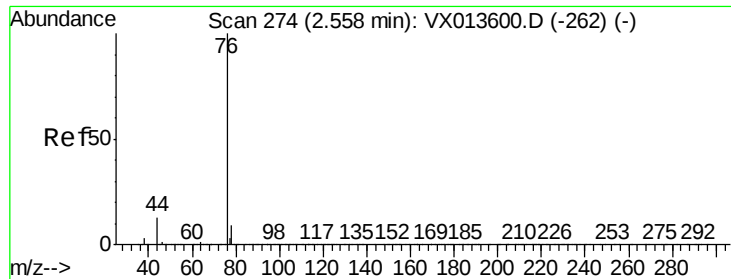
Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	43	Resp:	912098
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.6	36.8





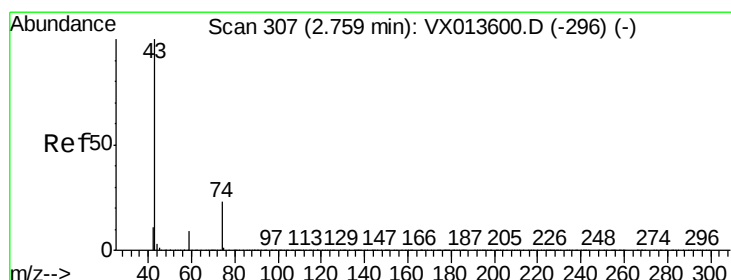
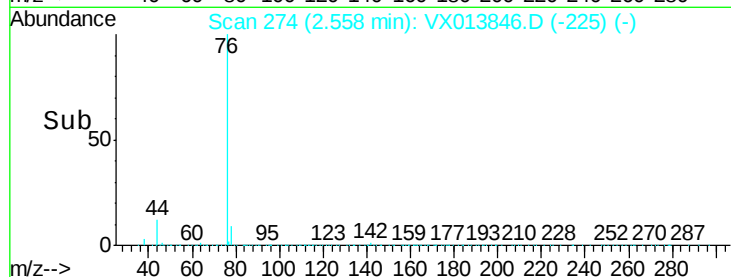
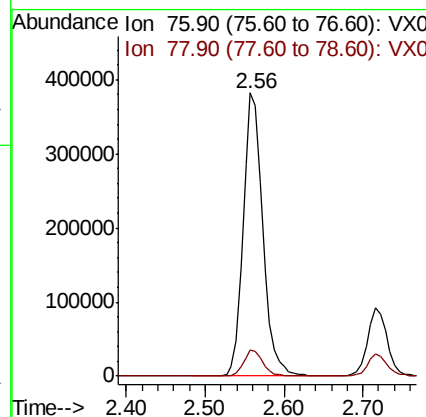
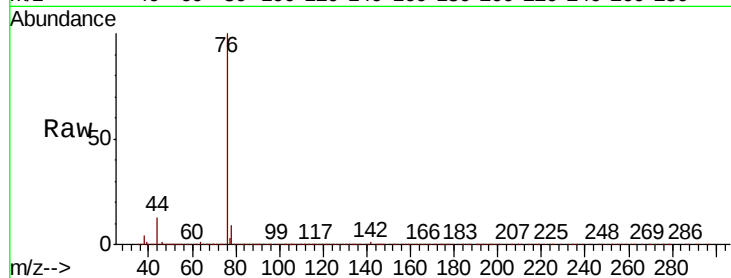
#17
Carbon Disulfide
Concen: 41.100 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

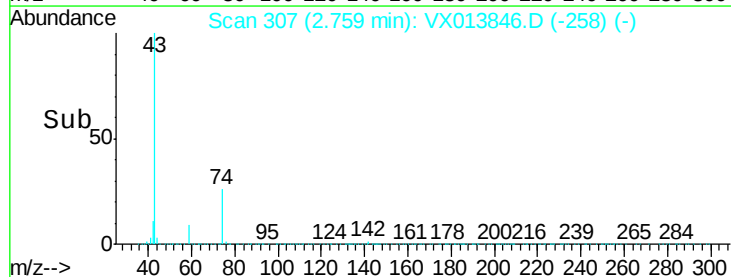
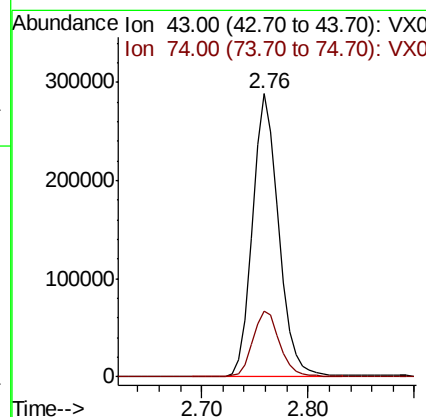
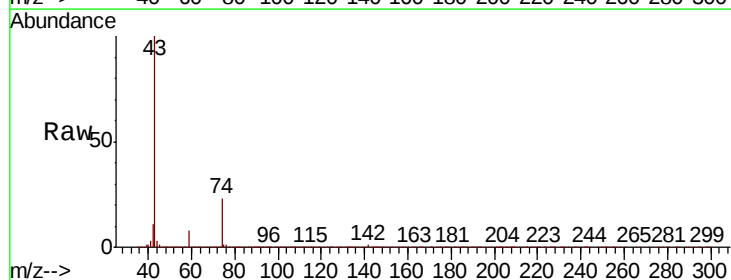
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#18
Methyl Acetate
Concen: 52.655 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





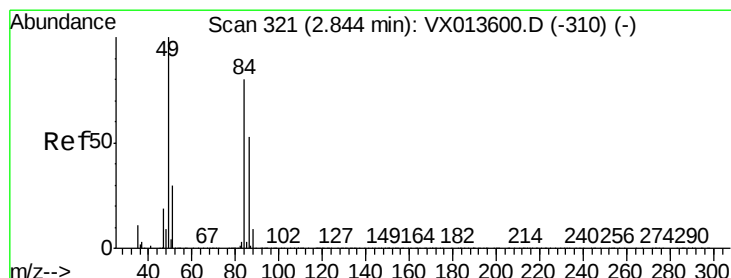
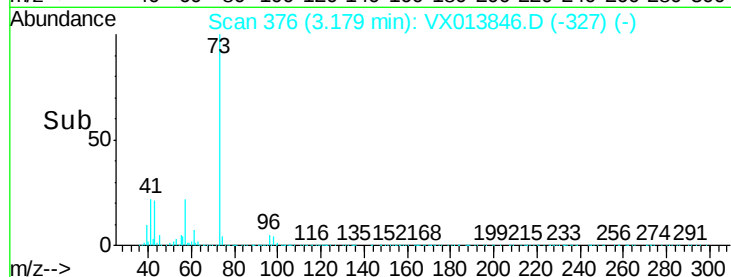
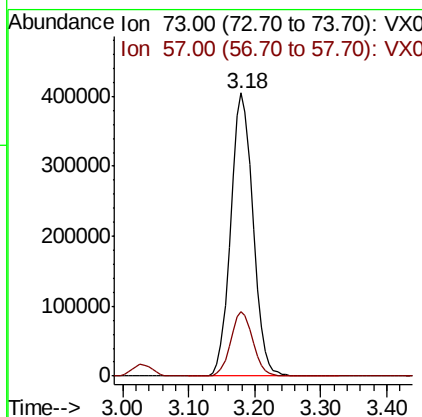
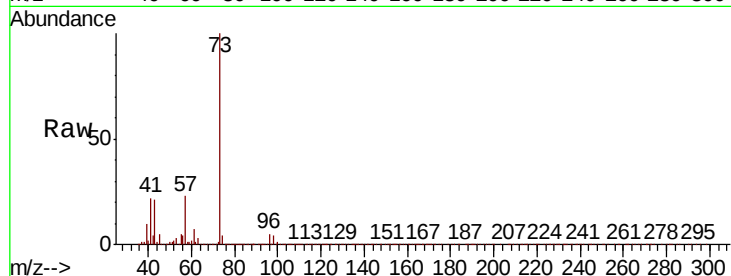
#19
Methvl tert-butvl Ether
Concen: 50.468 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.3	27.5

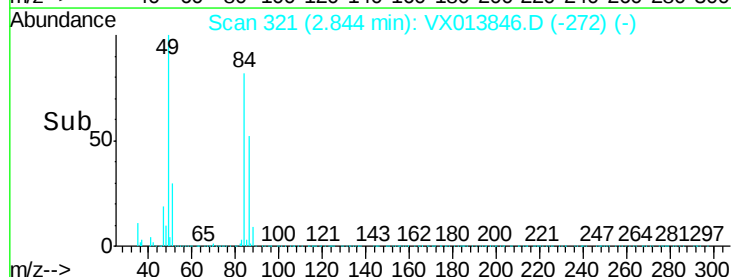
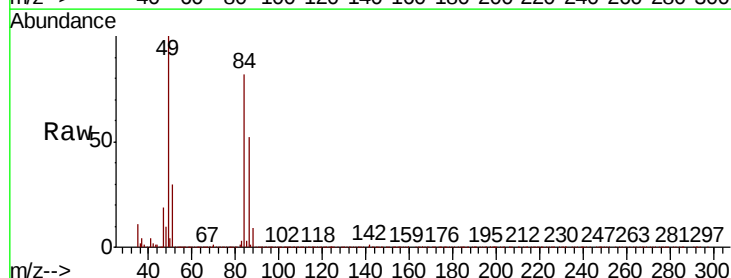
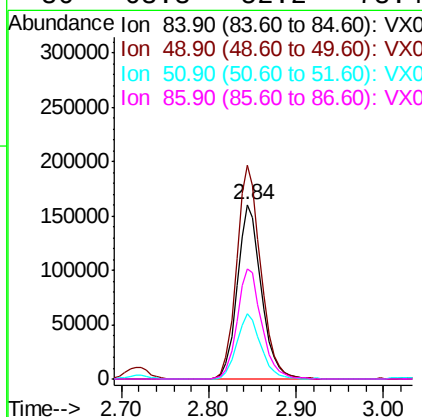
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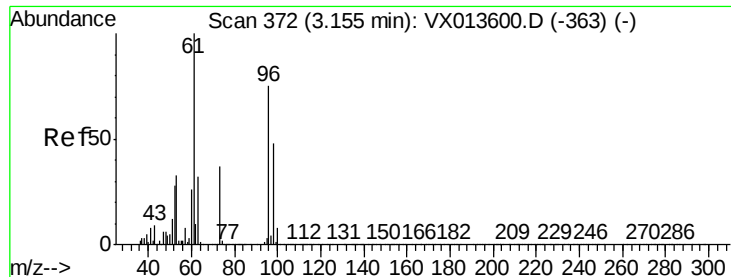
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#20
Methylene Chloride
Concen: 46.857 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	99.7	149.5
51	37.2	29.9	44.9
86	63.3	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.225 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

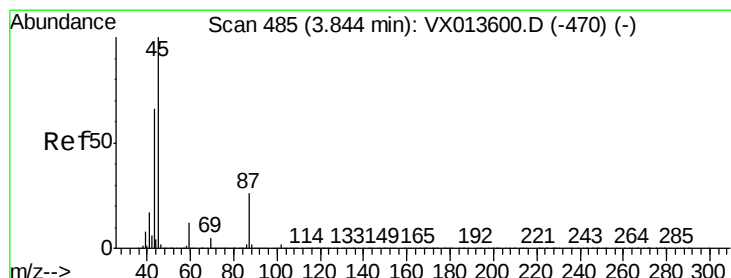
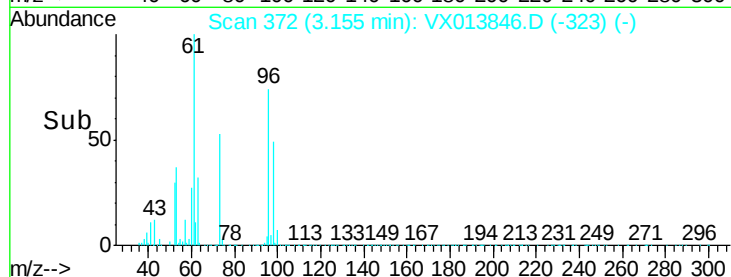
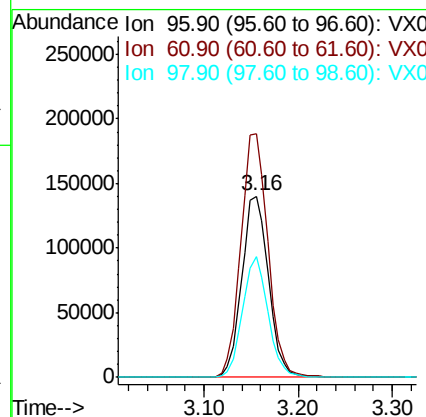
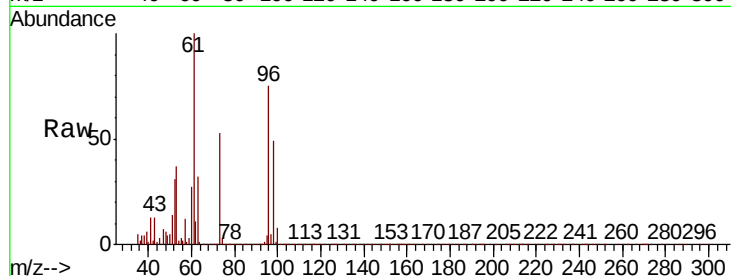
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	277358
Ion	Ratio	Lower	Upper
96	100		
61	134.1	107.2	160.8
98	66.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.776 ug/l

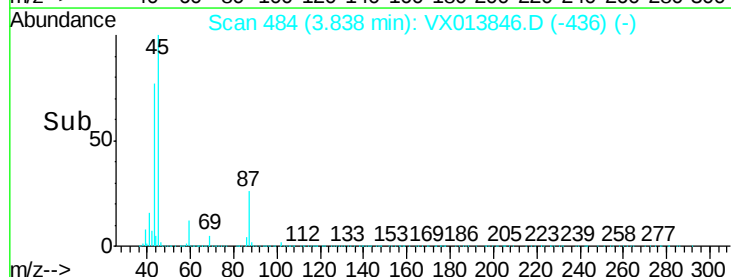
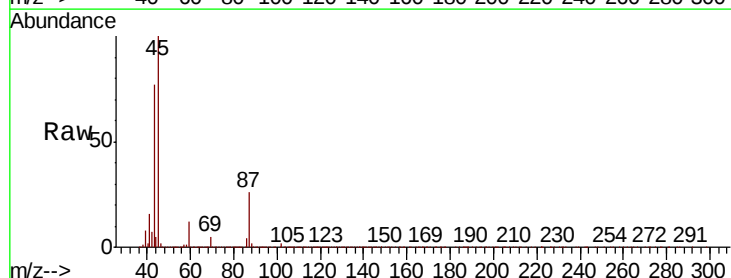
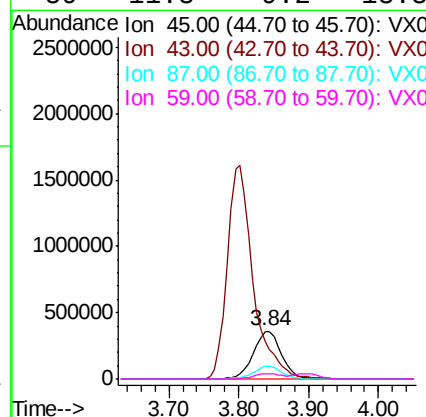
RT: 3.84 min Scan# 484

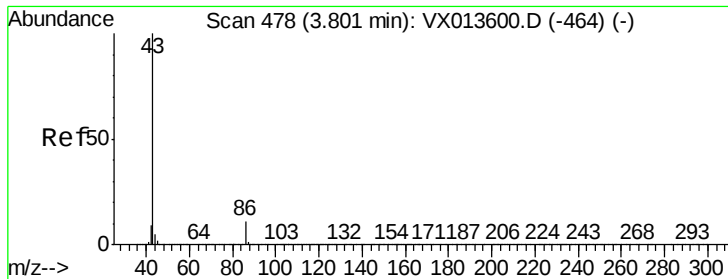
Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	45	Resp:	998870
Ion	Ratio	Lower	Upper
45	100		
43	77.3	52.6	79.0
87	26.2	21.1	31.7
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 254.364 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4162715

Ion Ratio Lower Upper

43 100

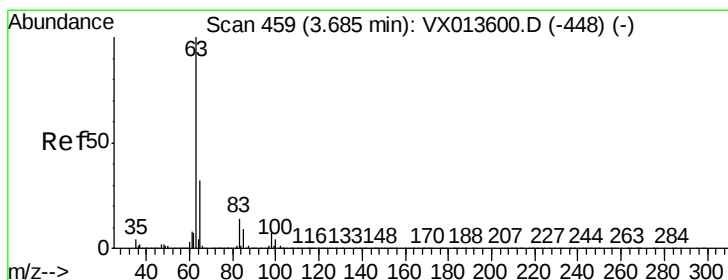
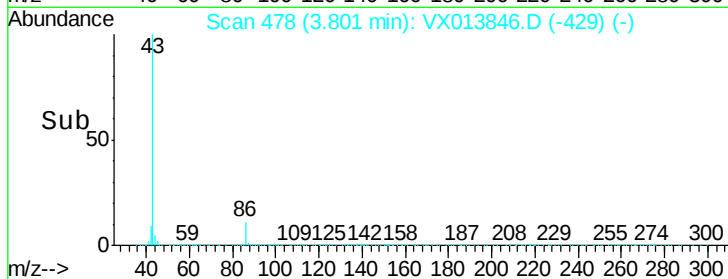
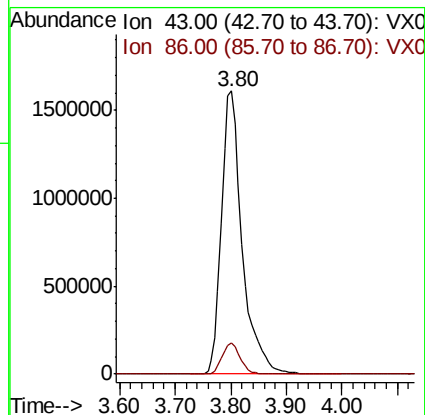
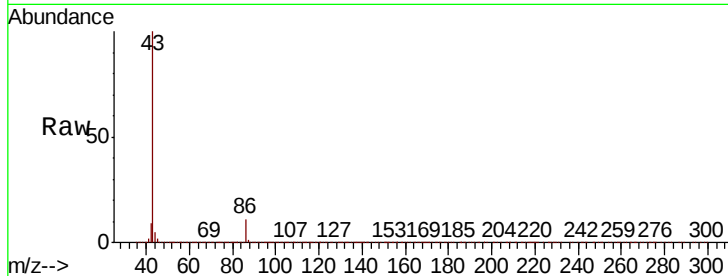
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.816 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

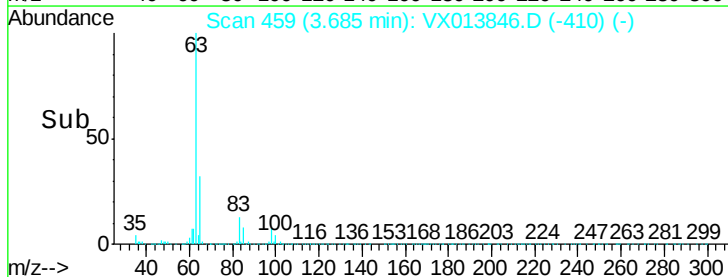
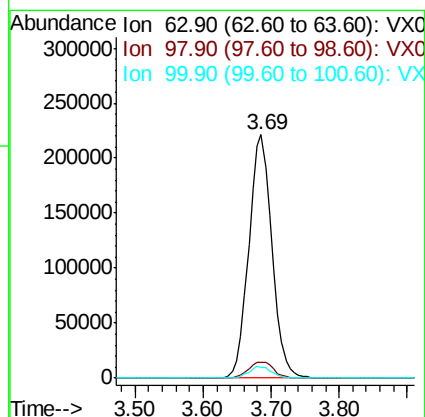
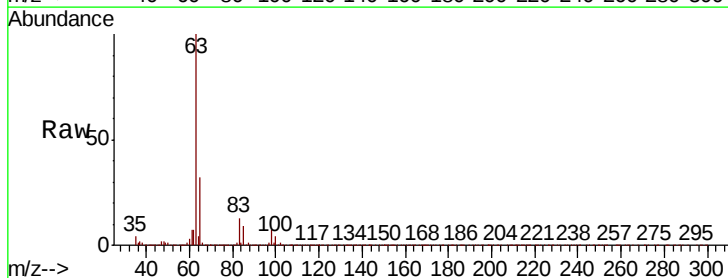
Tgt Ion: 63 Resp: 524966

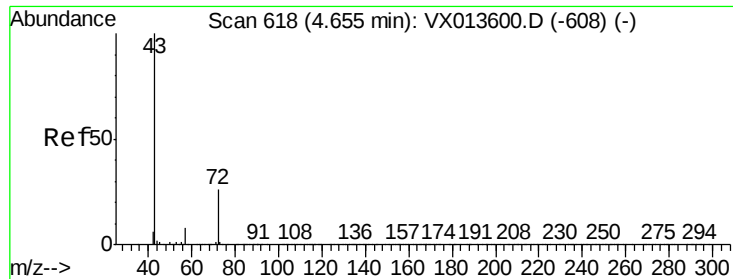
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 257.936 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1299587

Ion Ratio Lower Upper

43 100

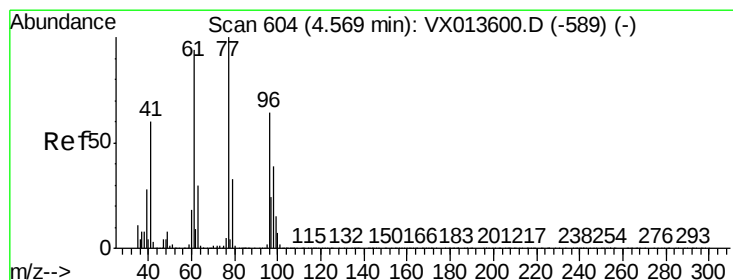
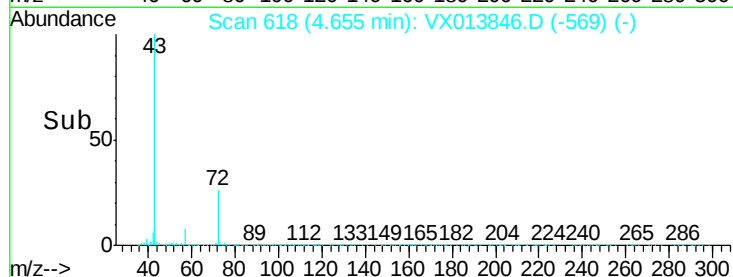
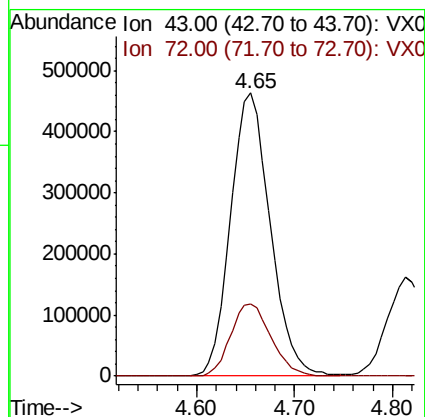
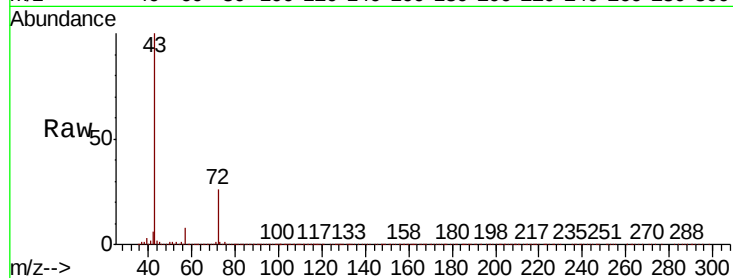
72 25.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 46.007 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013846.D

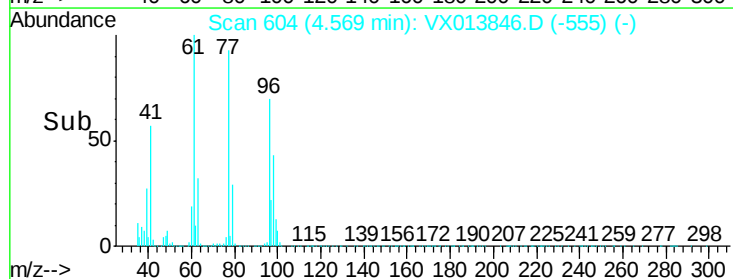
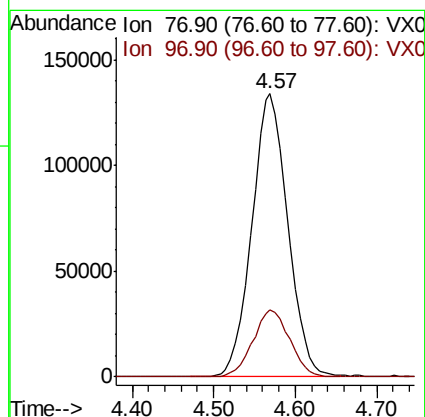
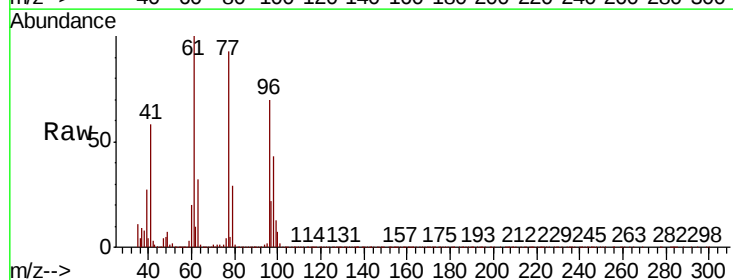
Acq: 09 Dec 2019 11:01

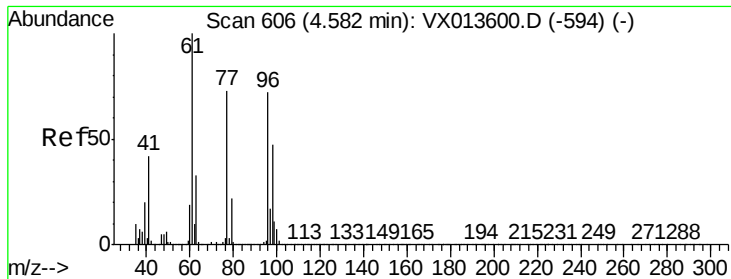
Tgt Ion: 77 Resp: 409349

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

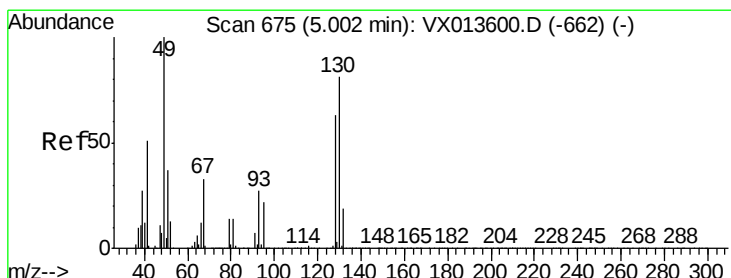
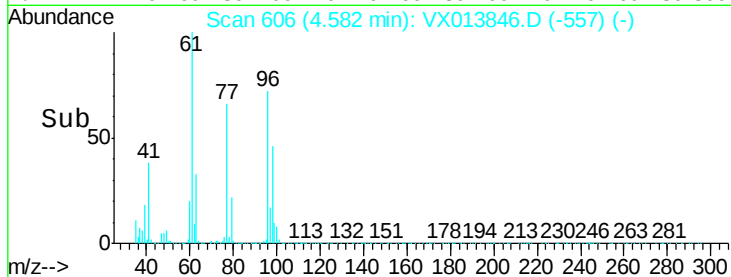
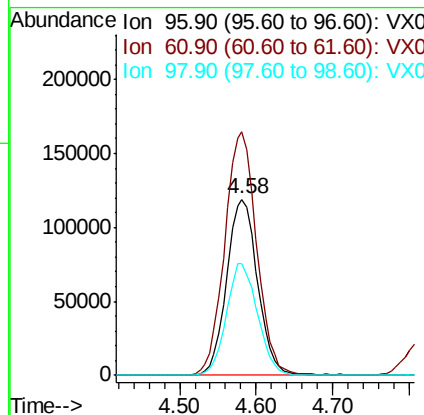
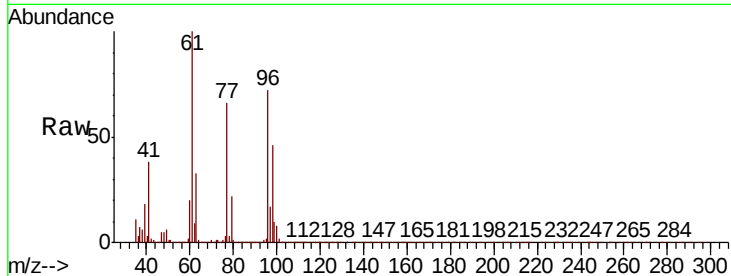
cis-1,2-Dichloroethene
Concen: 46.902 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	286.4
98	64.5	0.0	127.4

Manual Integrations
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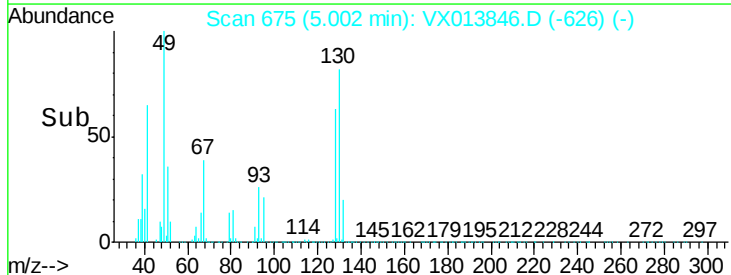
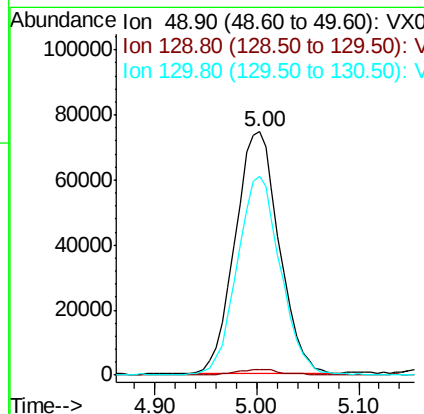
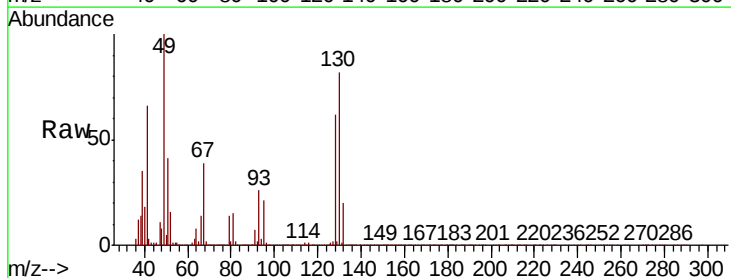
apatel
12/11/2019 8:54:29 AM

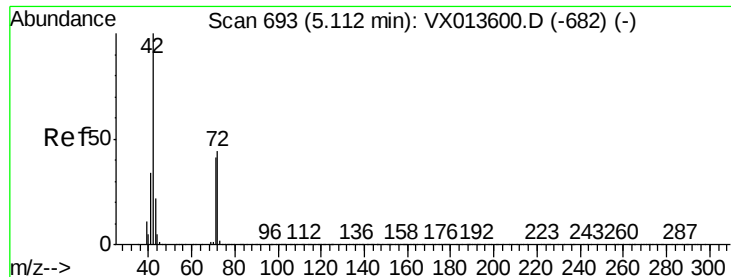


#28

Bromochloromethane
Concen: 52.657 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	80.3	65.4	98.0





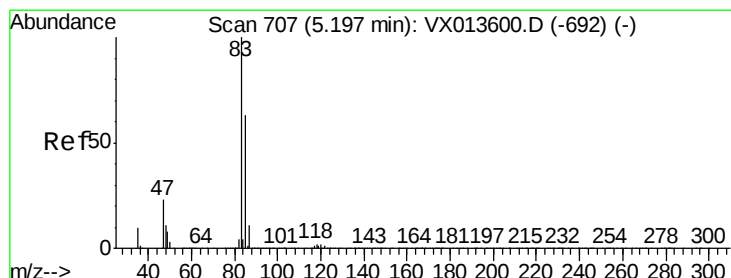
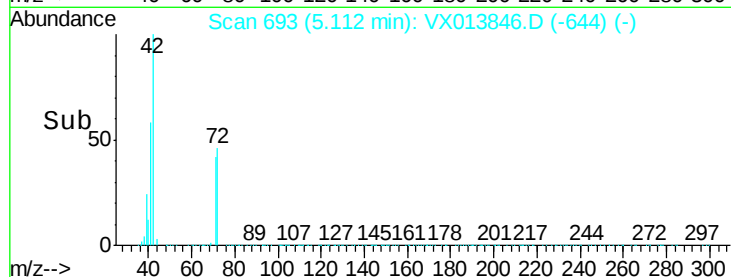
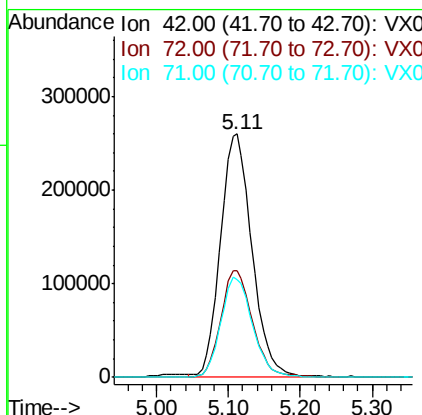
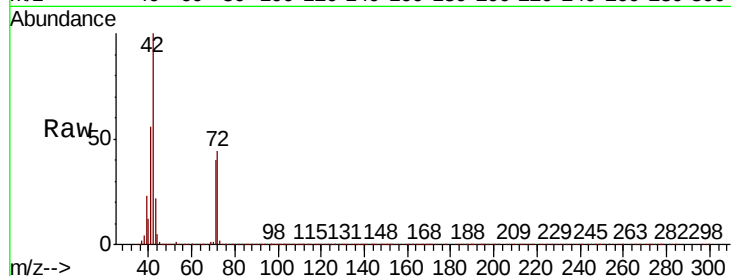
#29
Tetrahydrofuran
Concen: 253.371 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.3	54.5
71	41.1	33.2	49.8

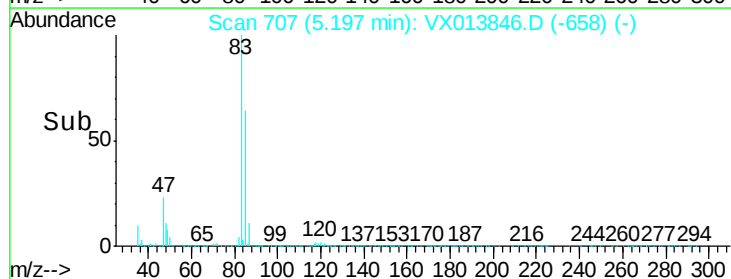
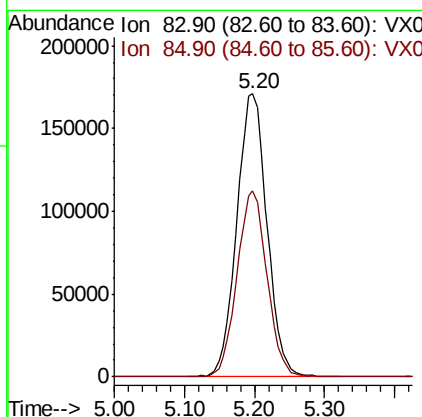
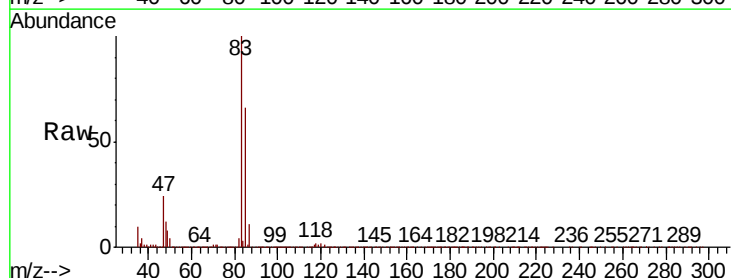
Manual Integrations
APPROVED

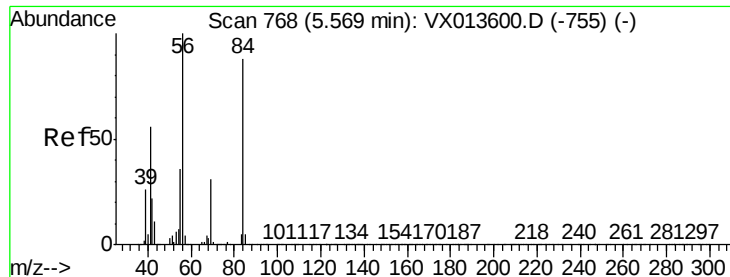
apatel
12/11/2019 8:54:29 AM



#30
Chloroform
Concen: 46.985 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.4





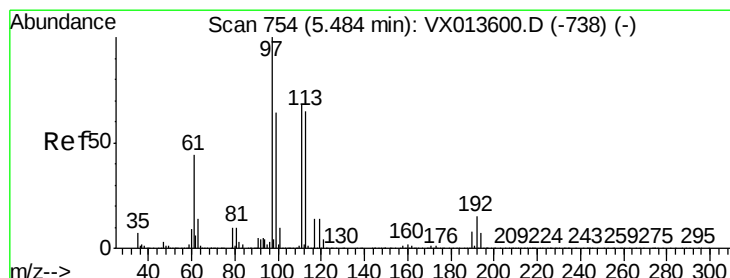
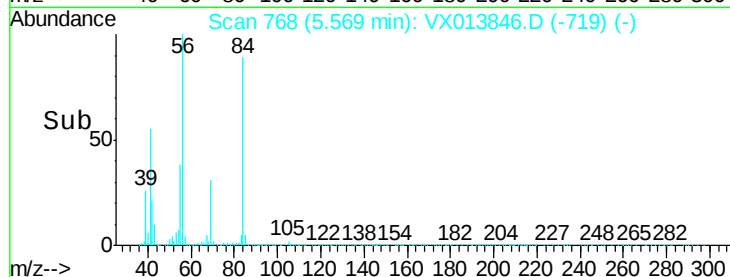
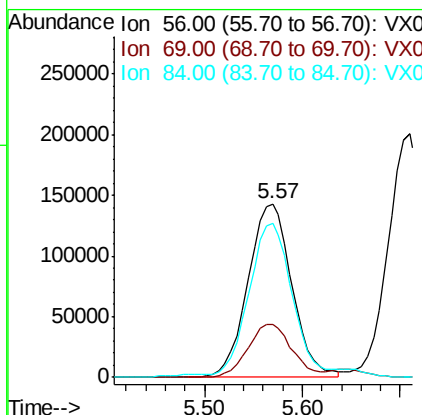
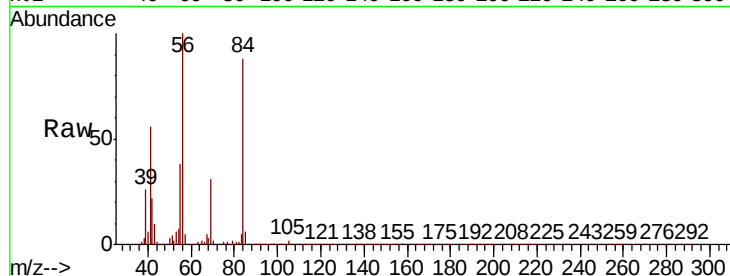
#31
Cyclohexane
Concen: 43.983 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	36.8
84	86.8	70.0	105.0

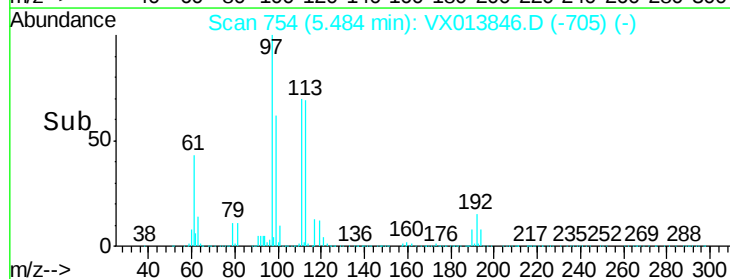
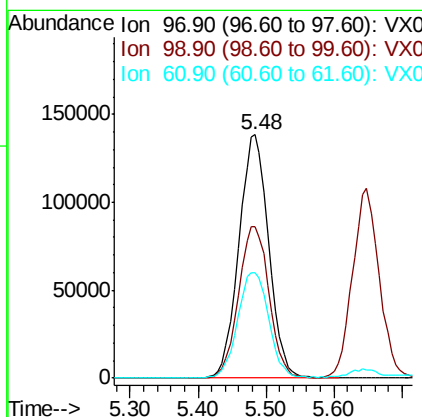
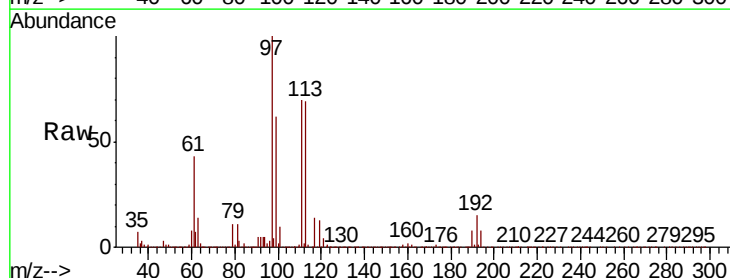
Manual Integrations
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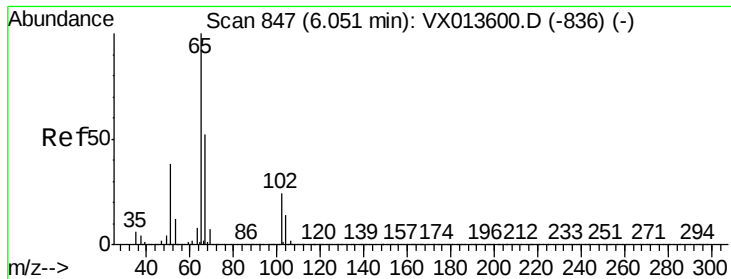
apatel
12/11/2019 8:54:29 AM



#32
1,1,1-Trichloroethane
Concen: 46.321 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	44.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.072 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

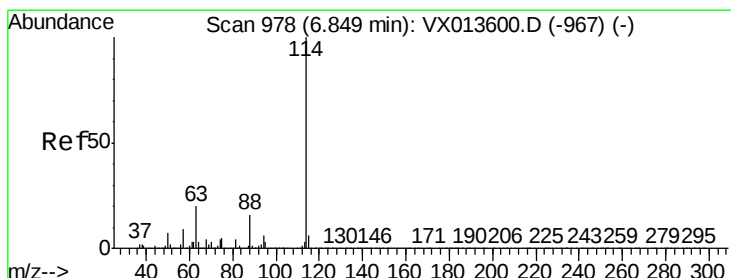
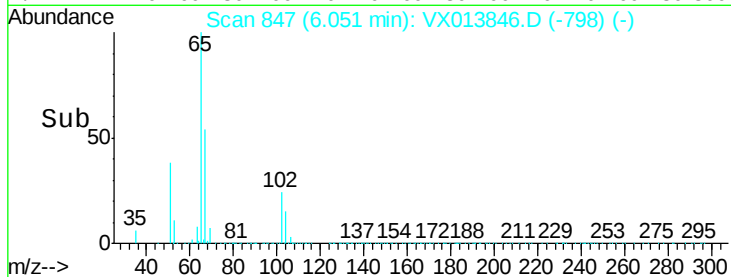
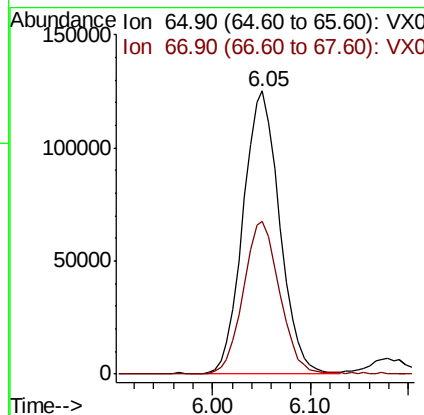
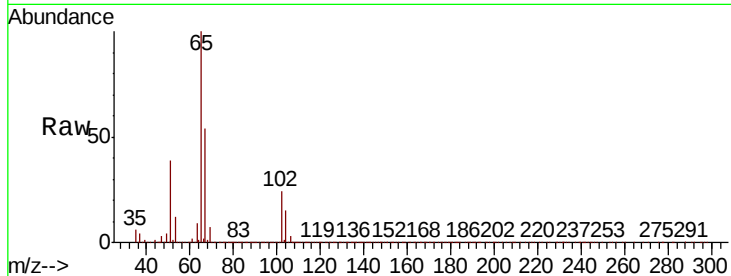
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.4

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

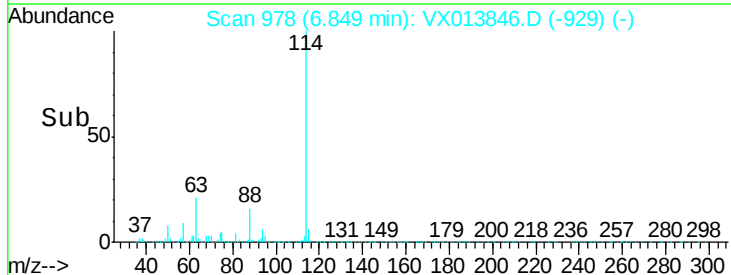
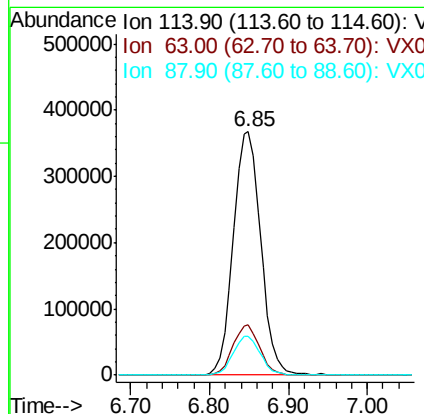
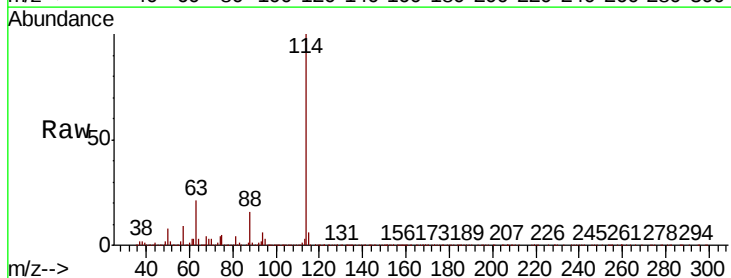
RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.6
88	15.8	0.0	31.4





#35

Dibromofluoromethane

Concen: 48.969 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

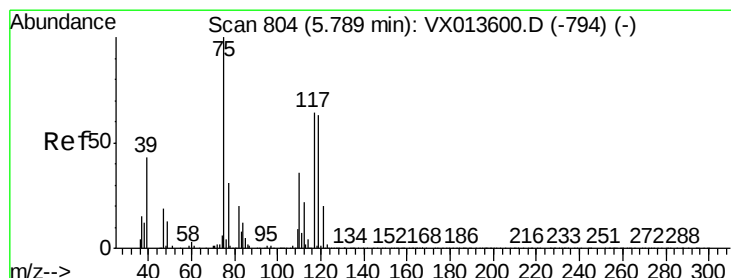
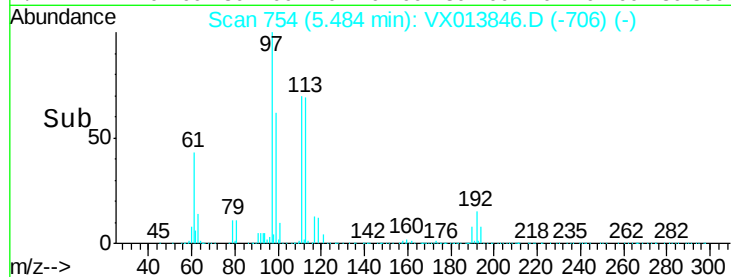
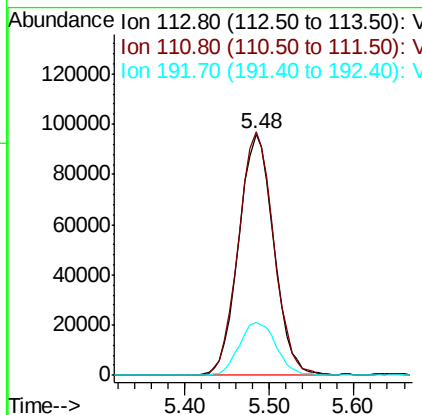
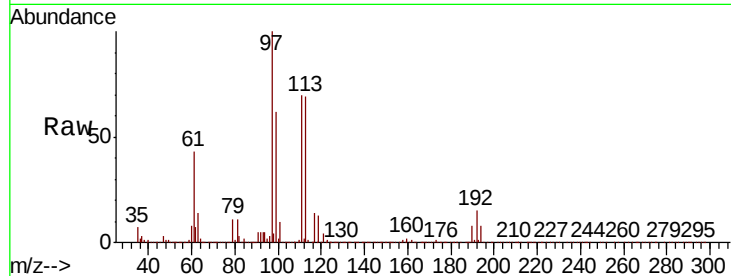
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	269382
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.6	125.4
192	23.0	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.044 ug/l

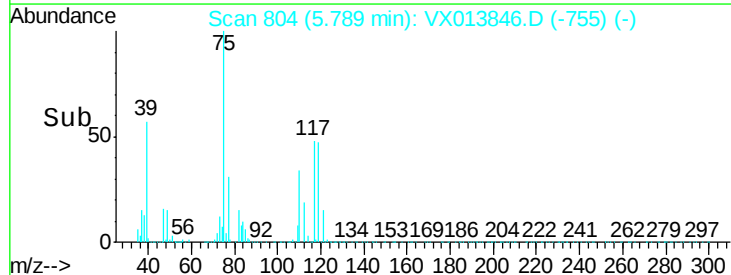
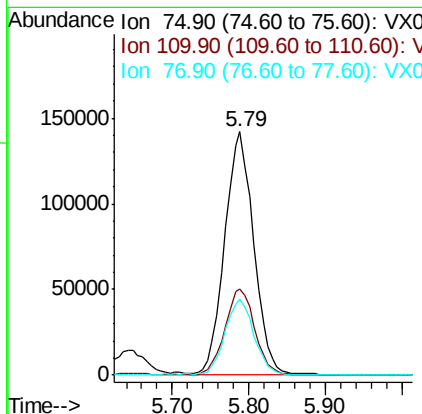
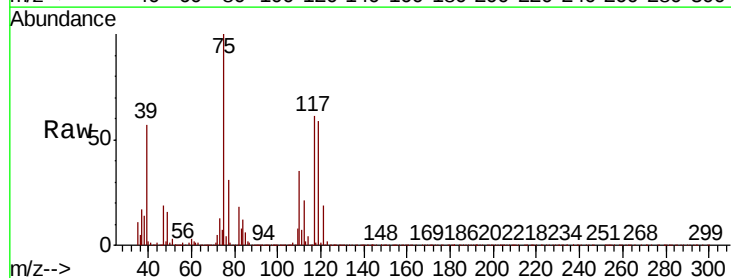
RT: 5.79 min Scan# 804

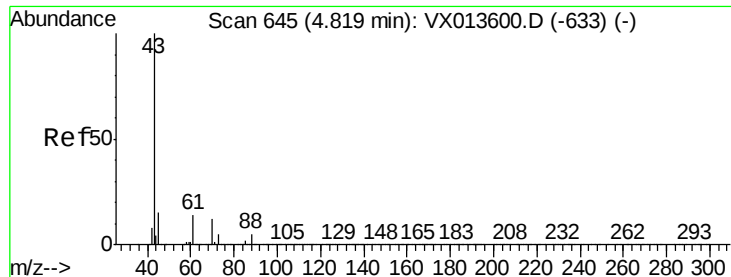
Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	75	Resp:	371918
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	31.1	24.5	36.7





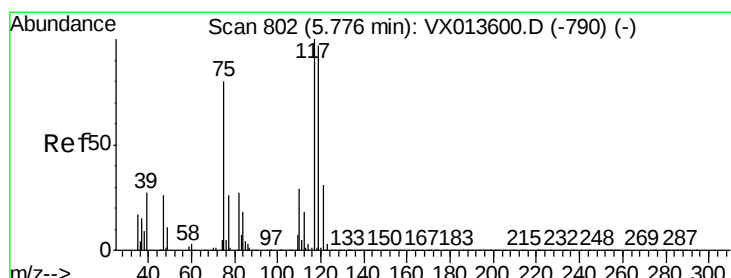
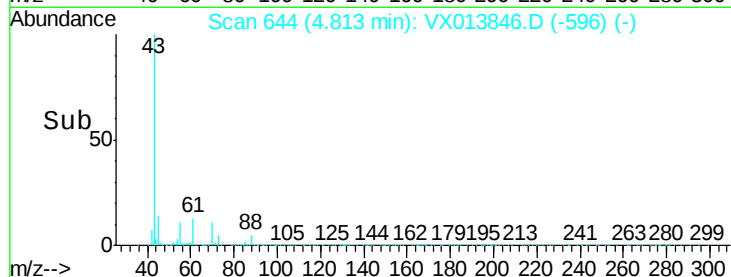
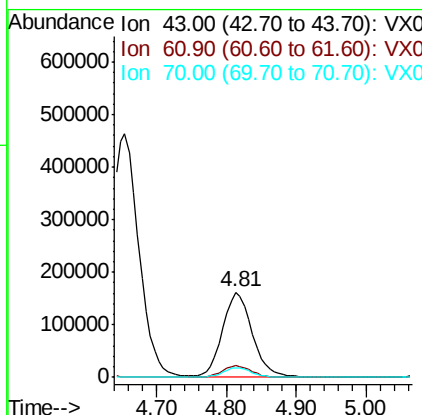
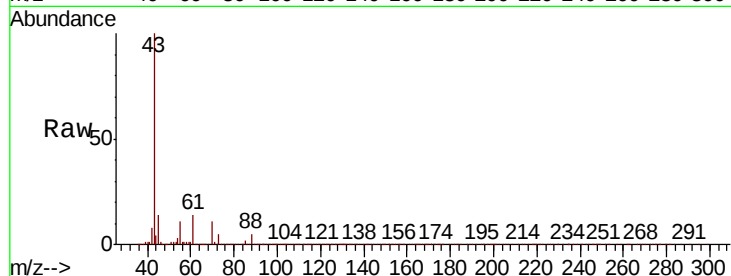
#37
Ethyl Acetate
Concen: 52.293 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.7	8.6	12.8

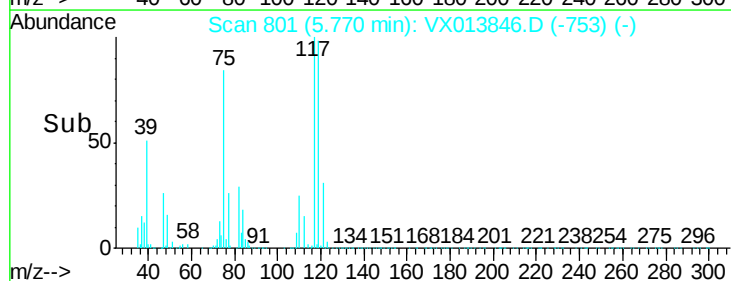
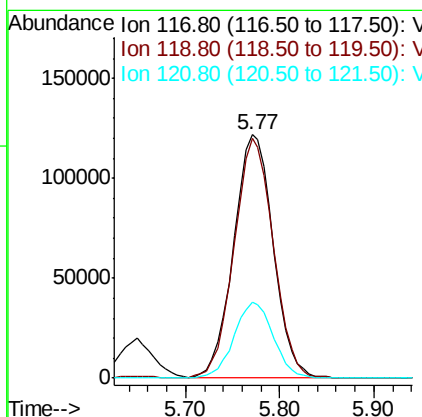
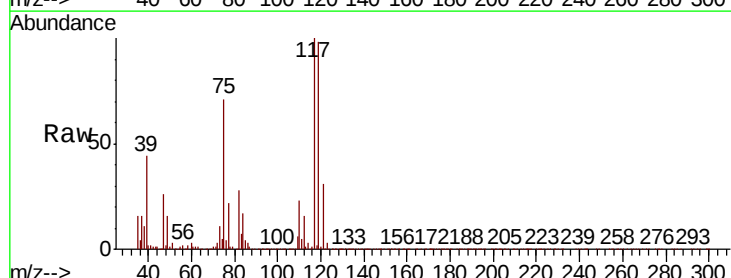
Manual Integrations
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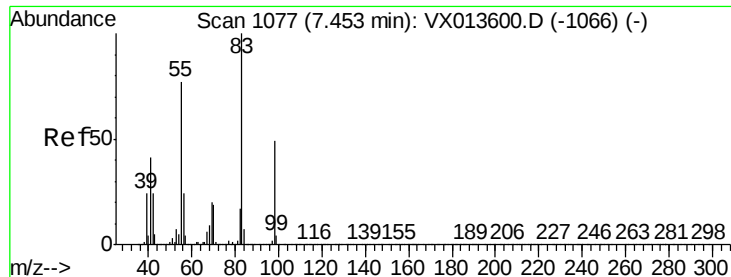
apatel
12/11/2019 8:54:29 AM



#38
Carbon Tetrachloride
Concen: 47.867 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.5	116.3
121	30.8	25.0	37.6





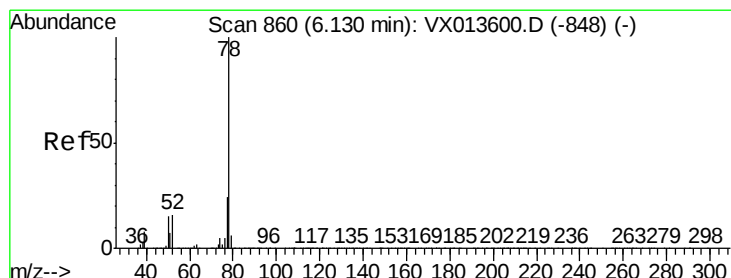
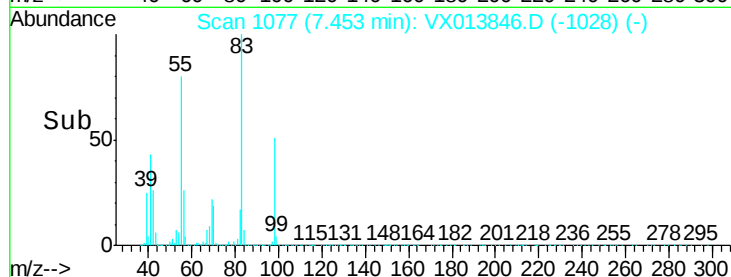
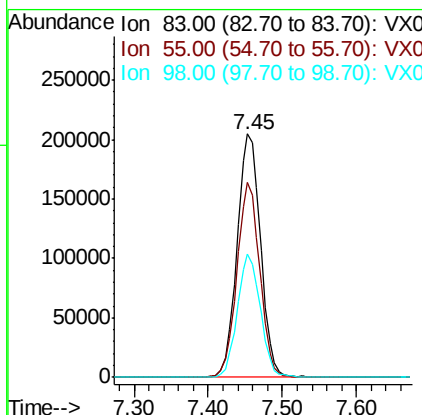
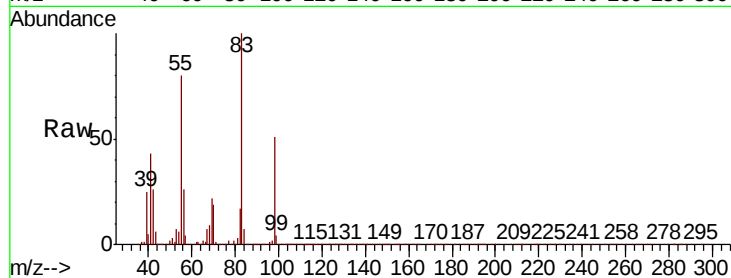
#39
Methvlcvclohexane
Concen: 45.112 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	61.9	92.9
98	50.5	39.4	59.0

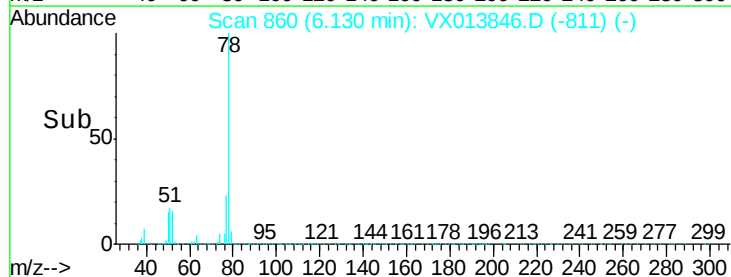
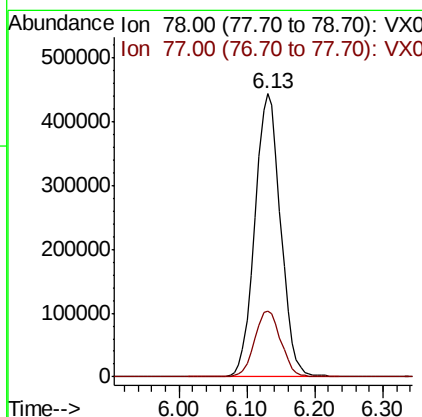
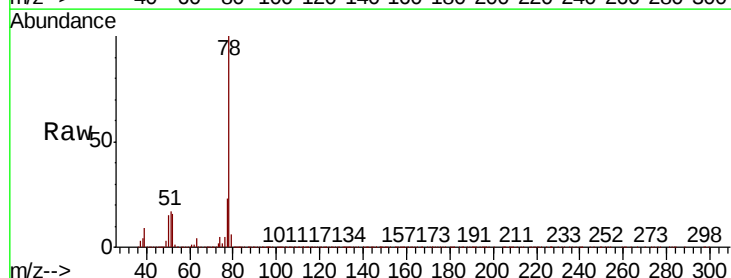
Manual Integrations
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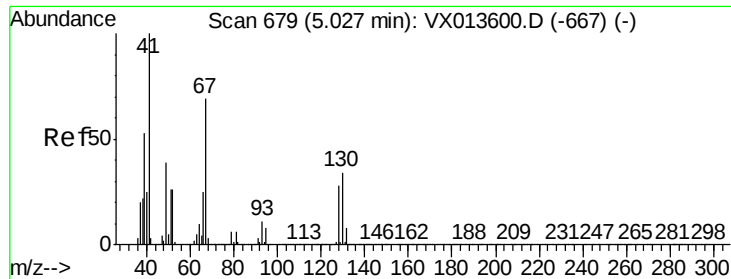
apatel
12/11/2019 8:54:29 AM



#40
Benzene
Concen: 47.673 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





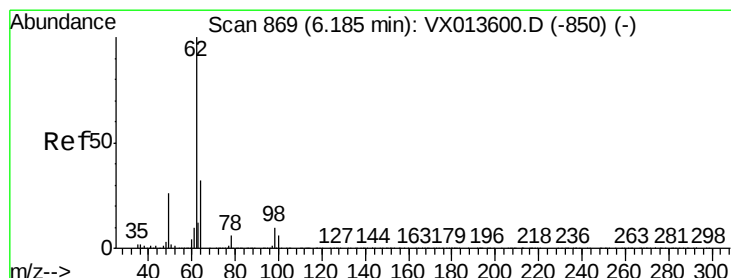
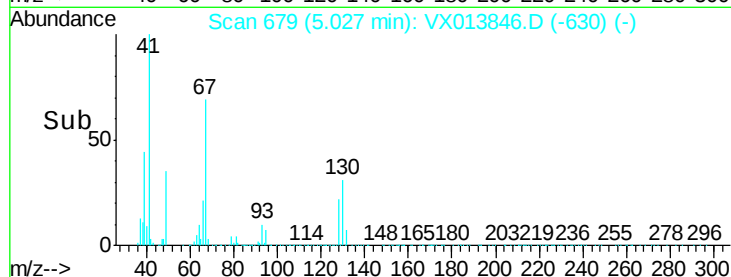
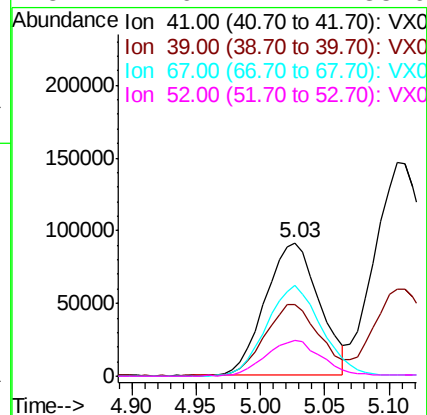
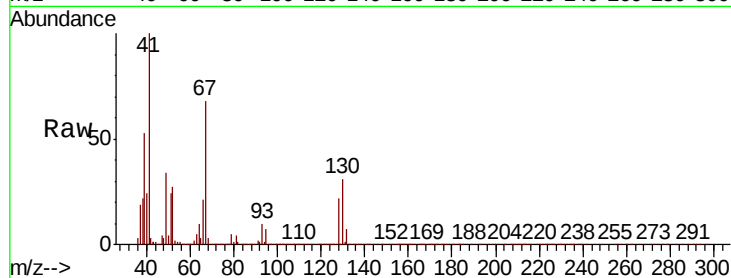
#41
Methacrylonitrile
Concen: 53.572 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		266231		
39	53.5	42.9	64.3		
67	70.6	57.4	86.0		
52	27.6	22.4	33.6		

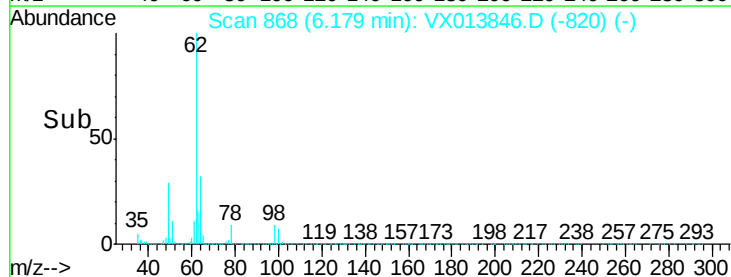
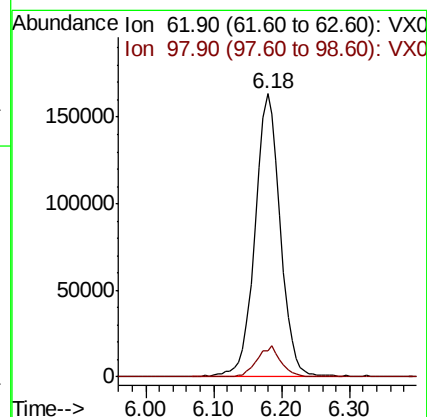
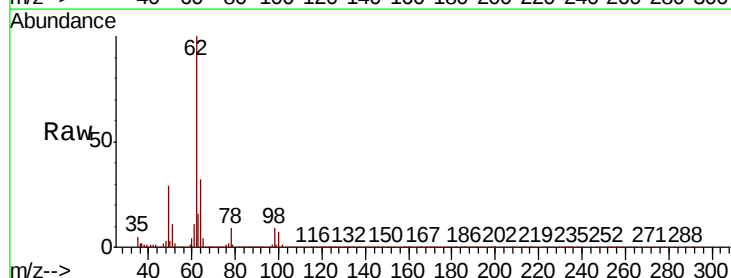
Manual Integrations
APPROVED

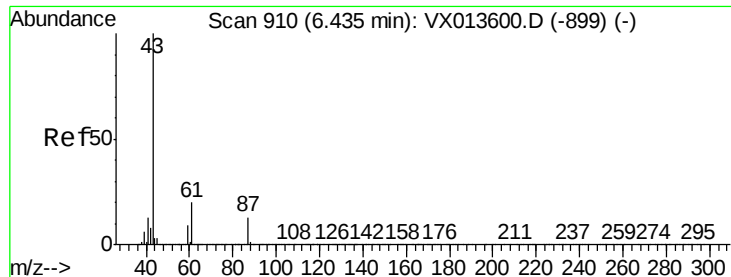
apatel
12/11/2019 8:54:29 AM



#42
1,2-Dichloroethane
Concen: 50.213 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		421287		
98	10.0	0.0	20.8		





#43

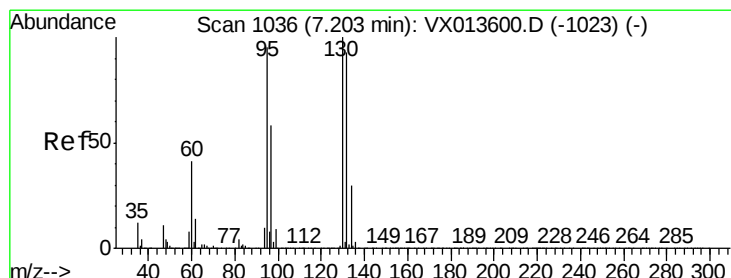
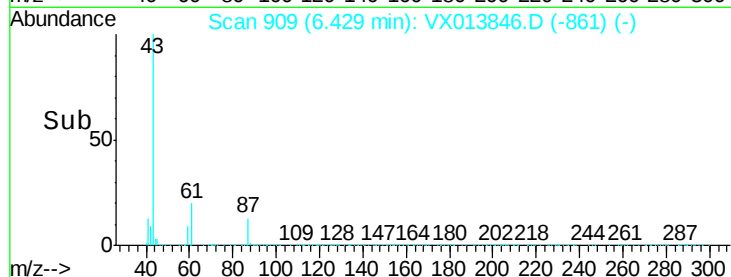
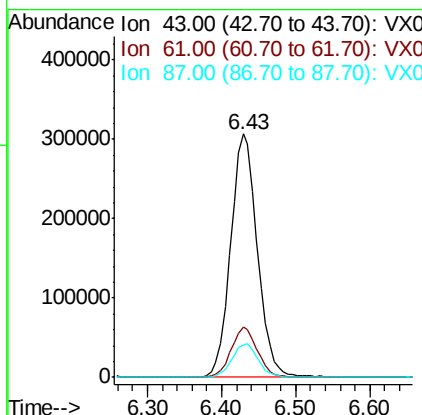
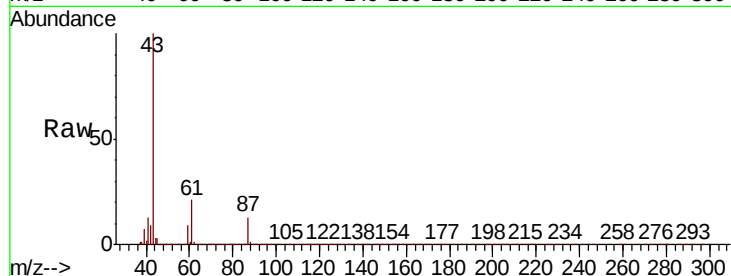
Isopropyl Acetate
 Concen: 51.473 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	767888
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.3	24.5
87	13.5	10.8	16.2

Manual Integrations
 APPROVED

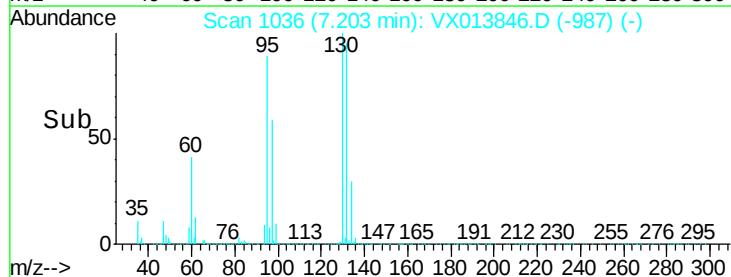
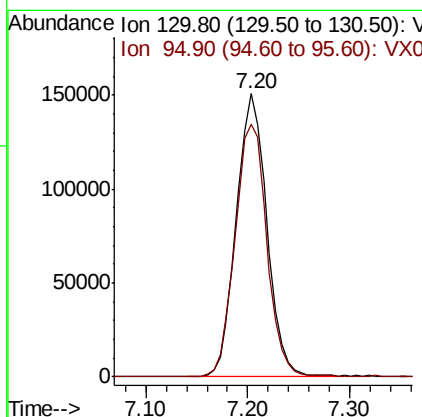
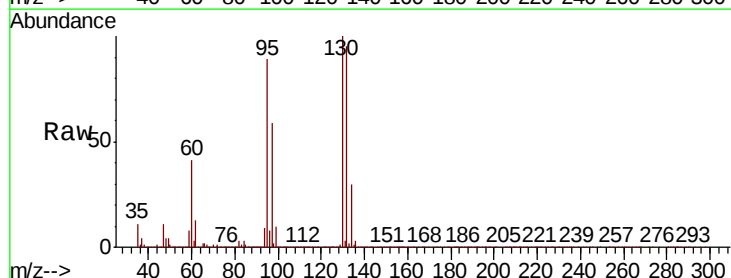
apatel
 12/11/2019 8:54:29 AM



#44

Trichloroethene
 Concen: 46.344 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion	130	Resp	312901
Ion Ratio	Lower	Upper	
130	100		
95	89.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.862 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 313062

Ion Ratio Lower Upper

63 100

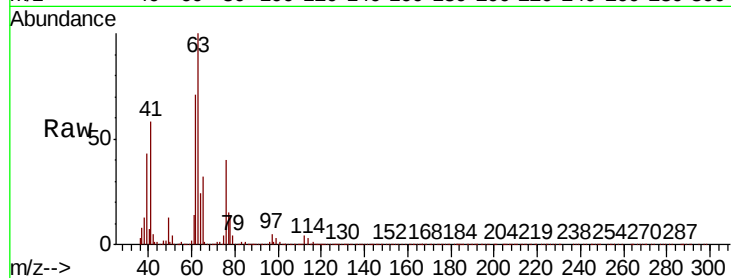
65 32.2 25.5 38.3

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

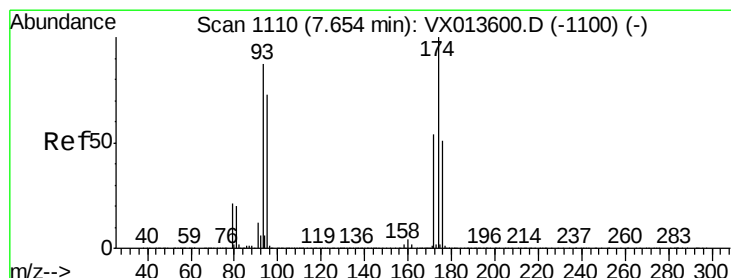
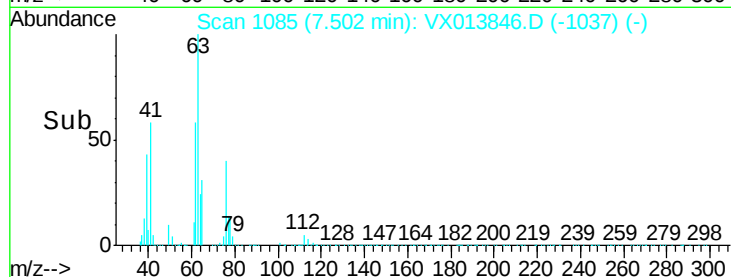
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.341 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

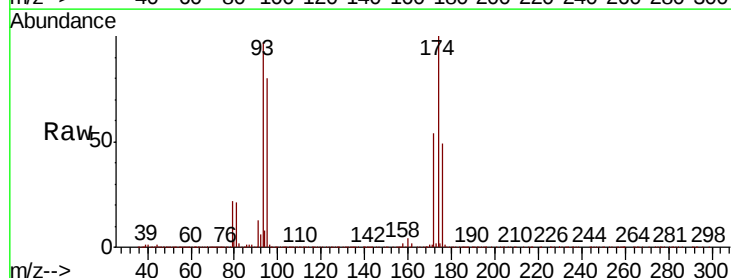
Tgt Ion: 93 Resp: 206266

Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 114.9 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

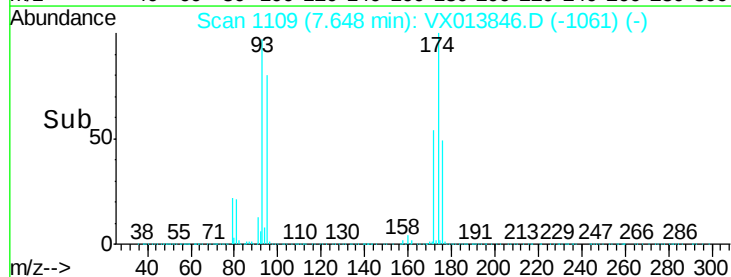
150000

100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 52.225 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

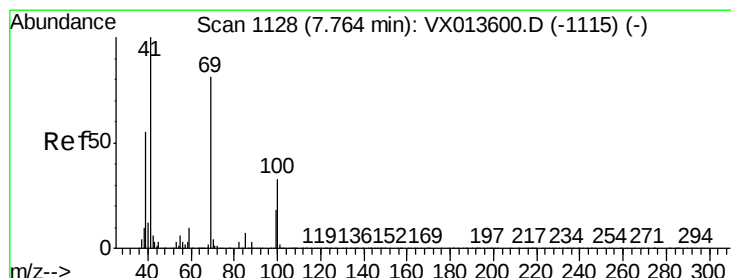
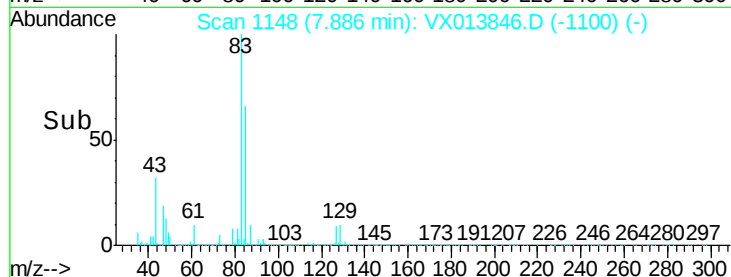
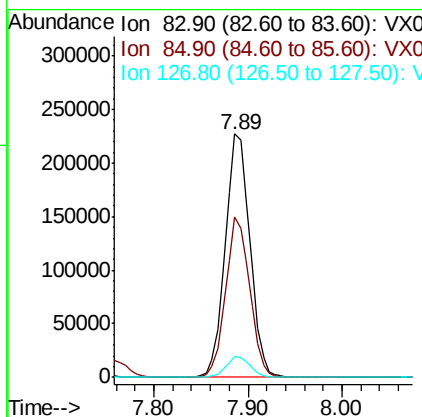
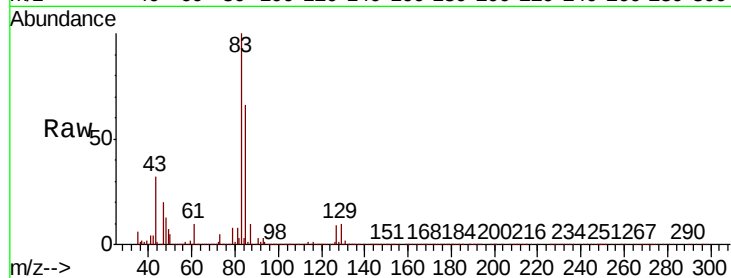
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	412732
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.1	78.1
127	8.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.897 ug/l

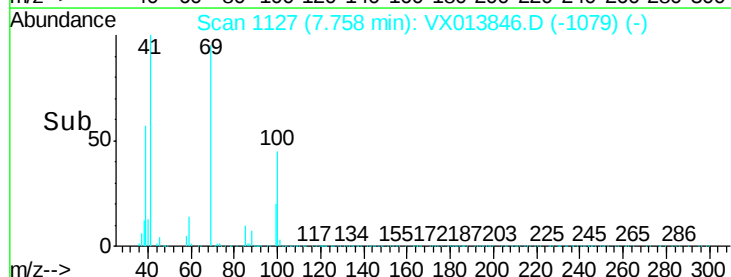
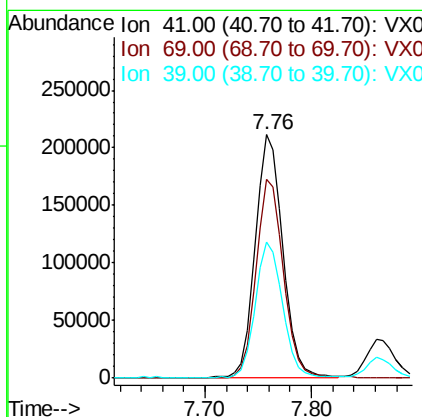
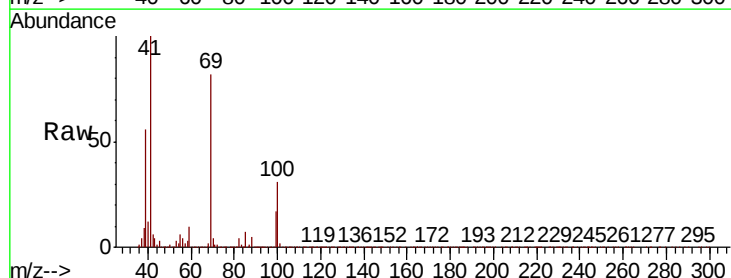
RT: 7.76 min Scan# 1127

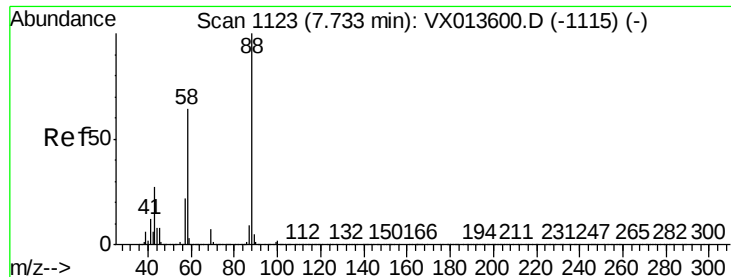
Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	41	Resp:	383422
Ion Ratio	Lower	Upper	
41	100		
69	81.9	64.7	97.1
39	55.4	43.8	65.6





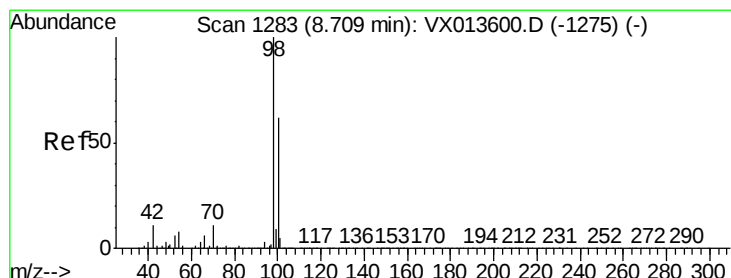
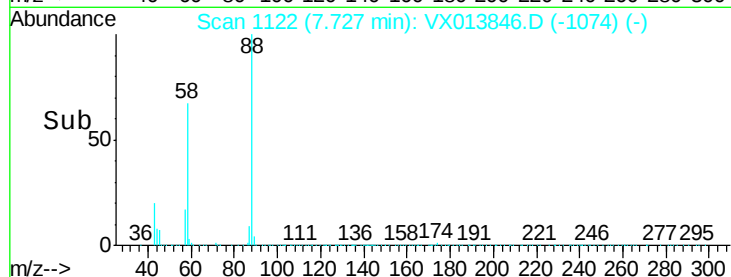
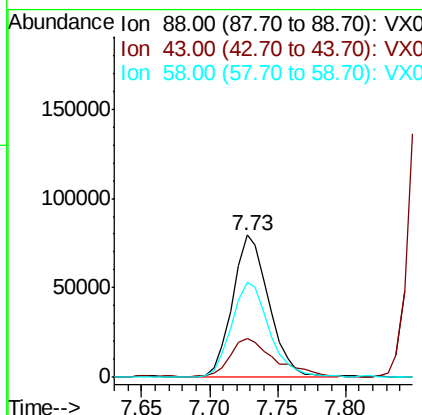
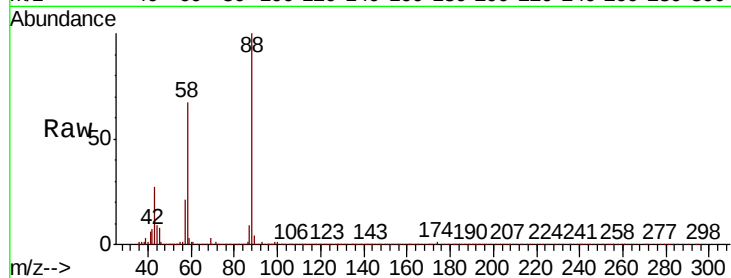
#49
1,4-Dioxane
Concen: 910.201 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	69.3	54.6	82.0

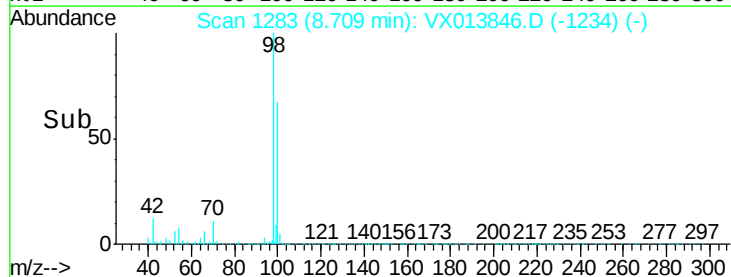
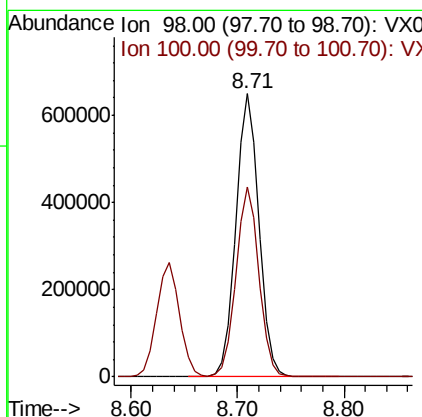
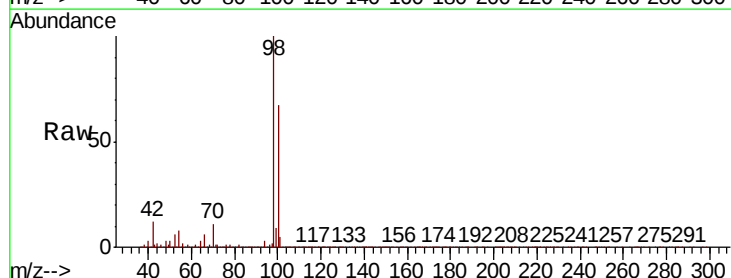
Manual Integrations
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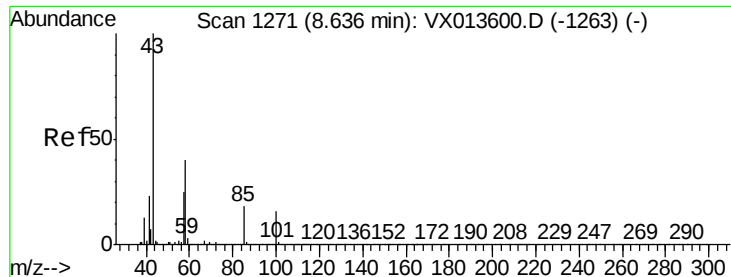
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#50
Toluene-d8
Concen: 46.030 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 260.223 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2441931

Ion Ratio Lower Upper

43 100

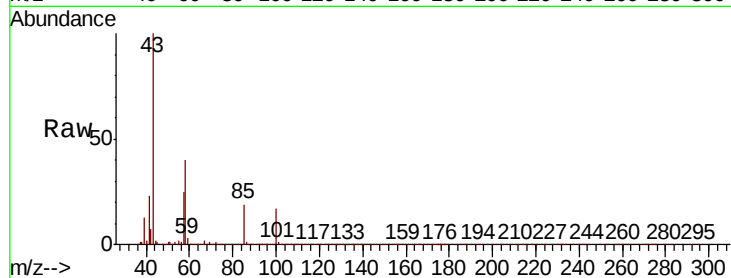
58 39.5 32.1 48.1

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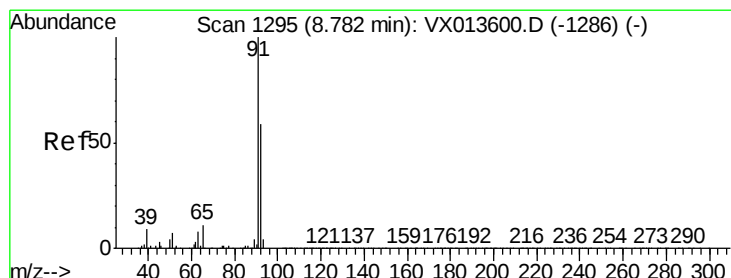
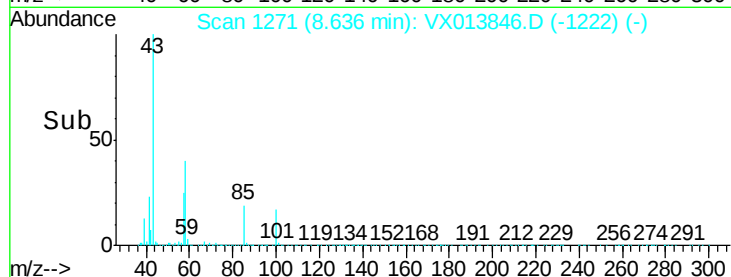
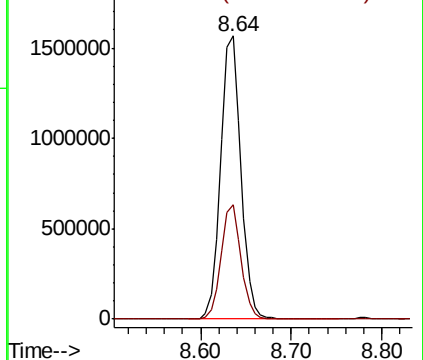
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.143 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013846.D

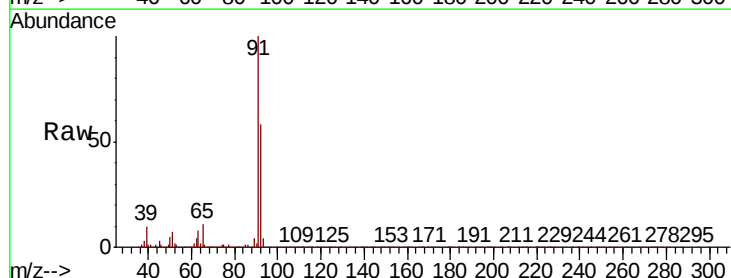
Acq: 09 Dec 2019 11:01

Tgt Ion: 92 Resp: 735787

Ion Ratio Lower Upper

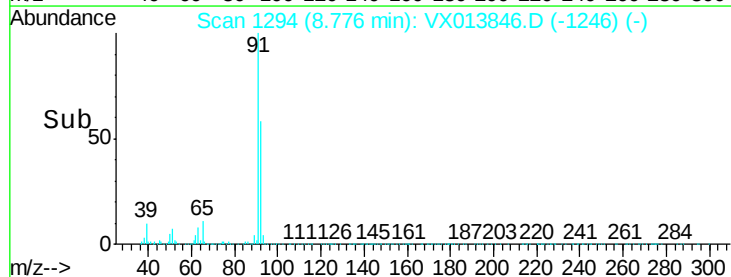
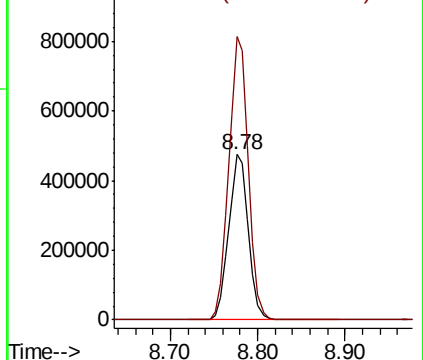
92 100

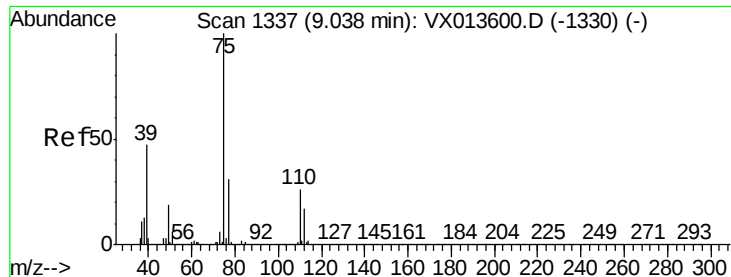
91 171.3 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.032 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 459055

Ion Ratio Lower Upper

75 100

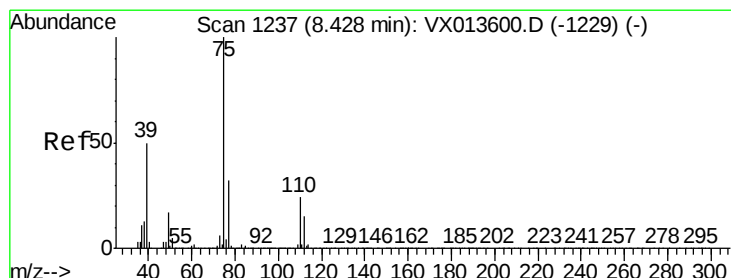
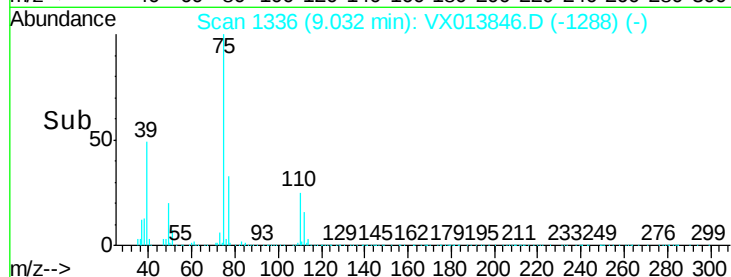
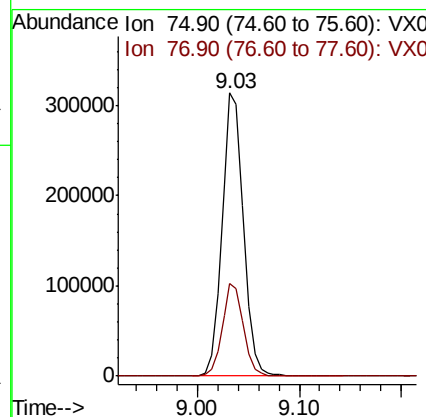
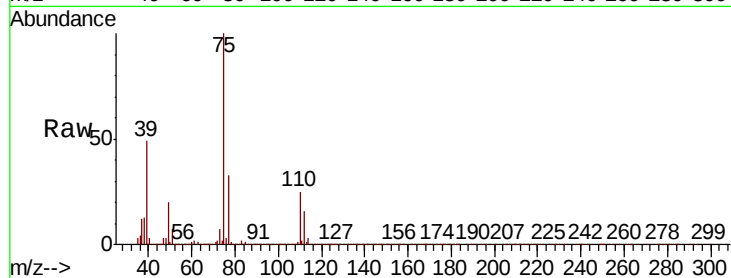
77 32.9 24.4 36.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.956 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

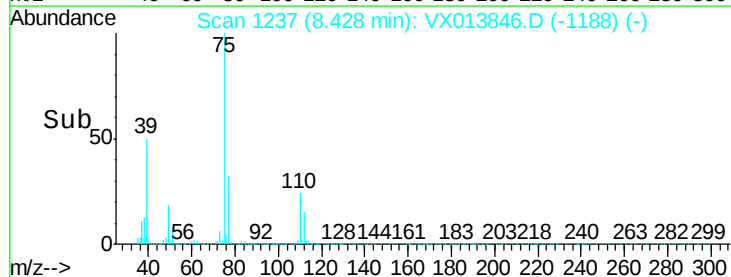
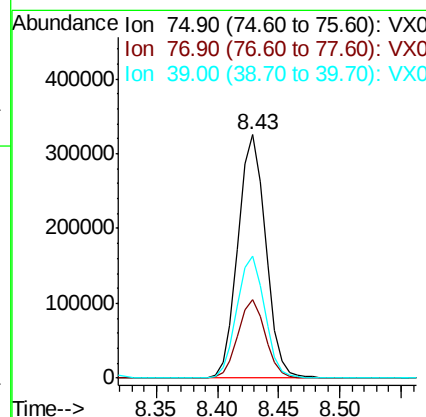
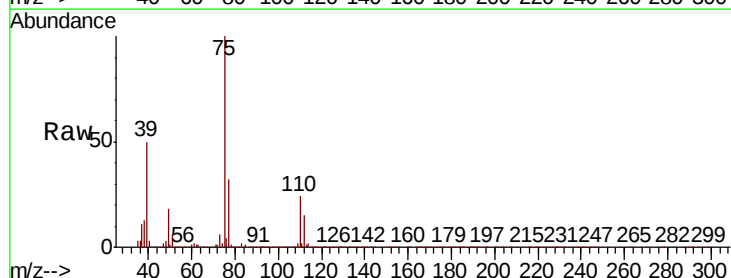
Tgt Ion: 75 Resp: 510607

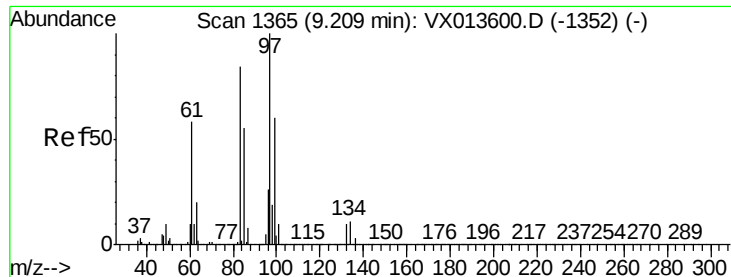
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

39 50.3 39.9 59.9





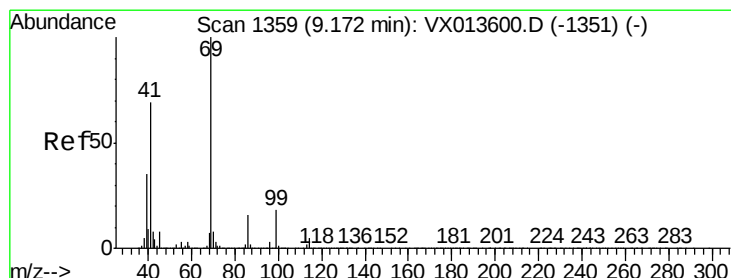
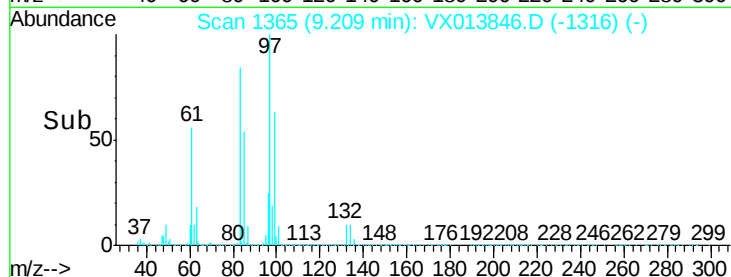
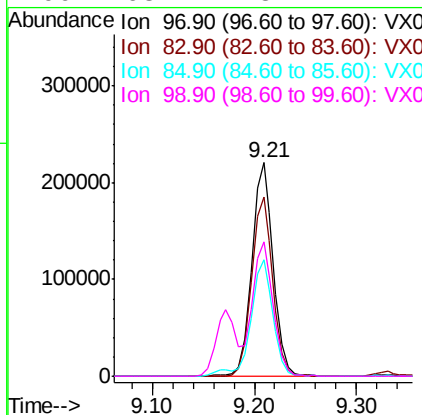
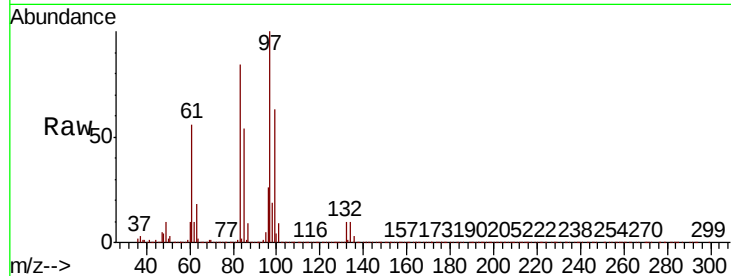
#55
 1,1,2-Trichloroethane
 Concen: 52.211 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		321563		
83	84.0	67.3	100.9		
85	54.3	43.6	65.4		
99	63.1	48.2	72.4		

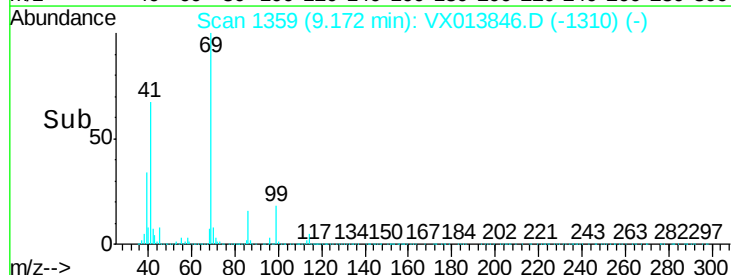
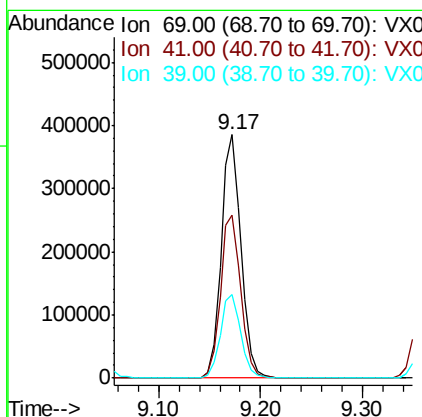
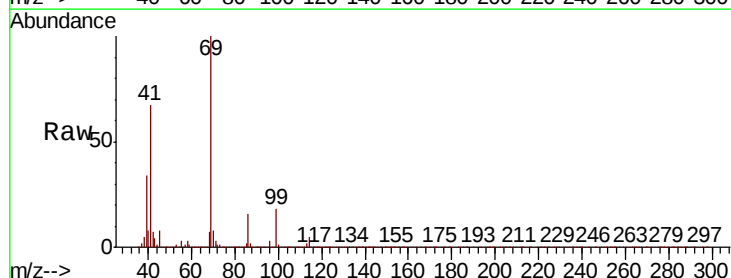
Manual Integrations
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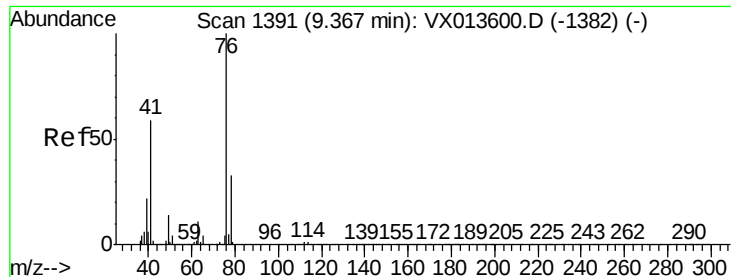
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#56
 Ethyl methacrylate
 Concen: 52.665 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		521484		
41	68.3	55.0	82.4		
39	35.1	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 50.488 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 535976

Ion Ratio Lower Upper

76 100

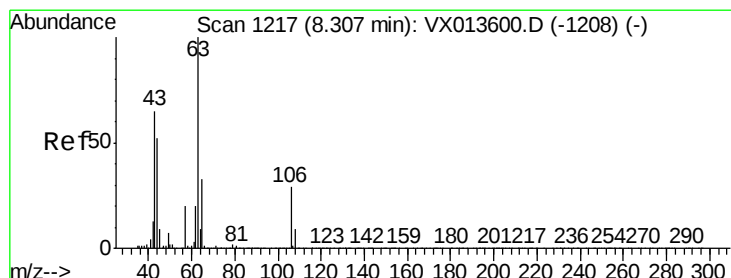
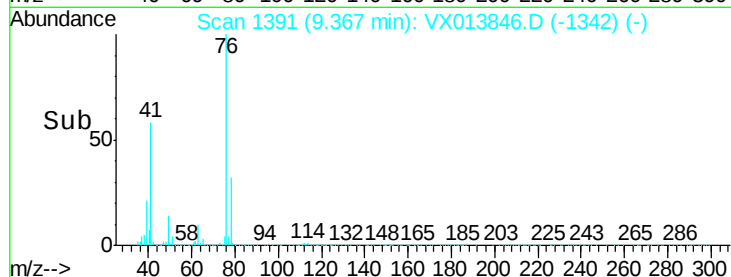
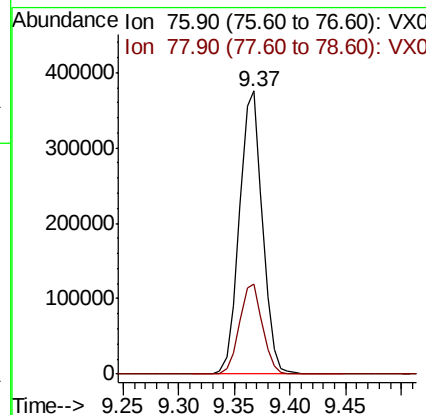
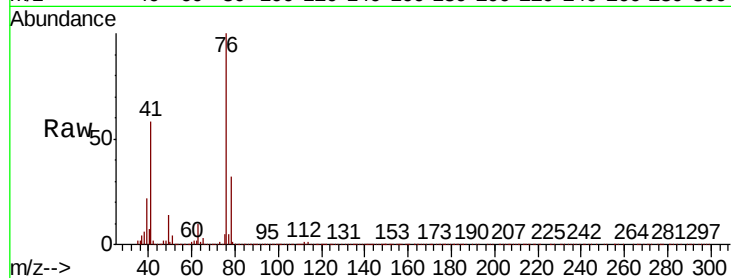
78 31.7 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.455 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013846.D

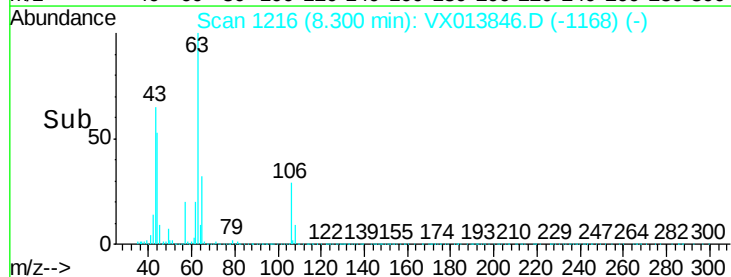
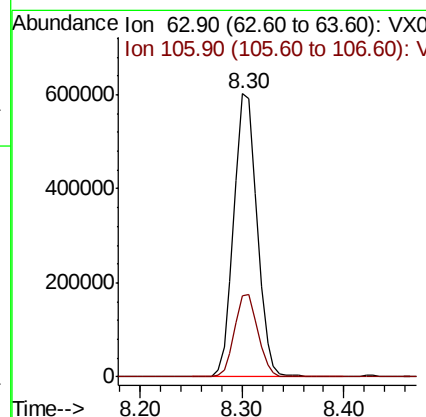
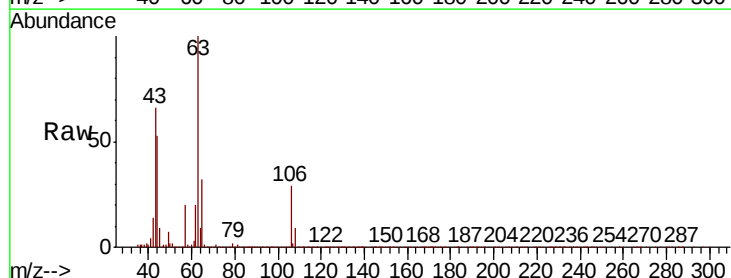
Acq: 09 Dec 2019 11:01

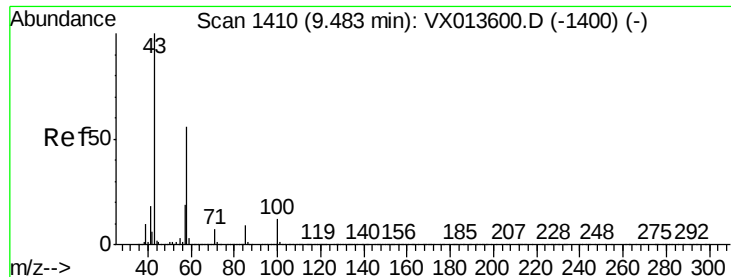
Tgt Ion: 63 Resp: 949042

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0





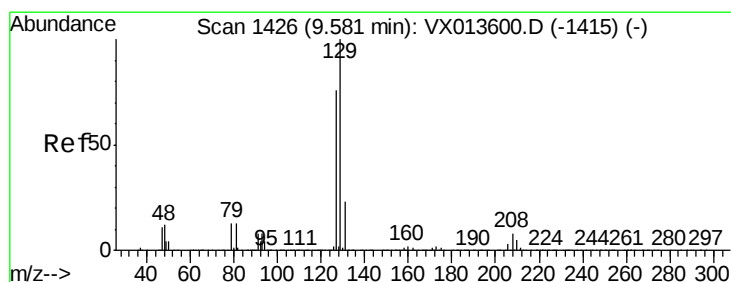
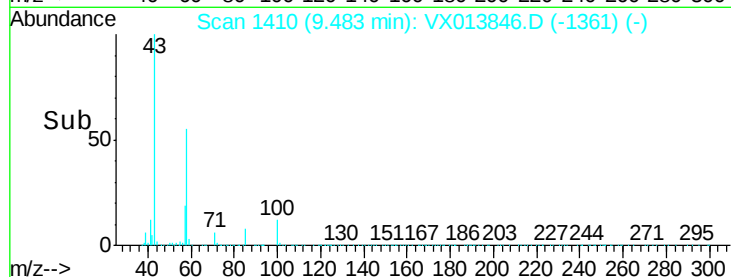
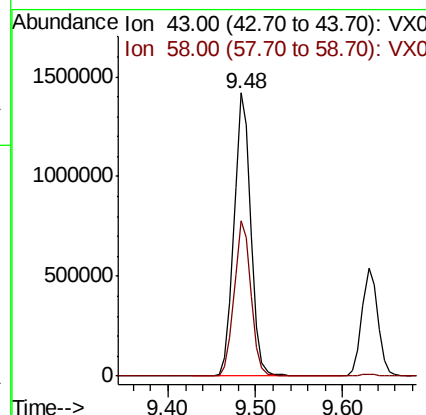
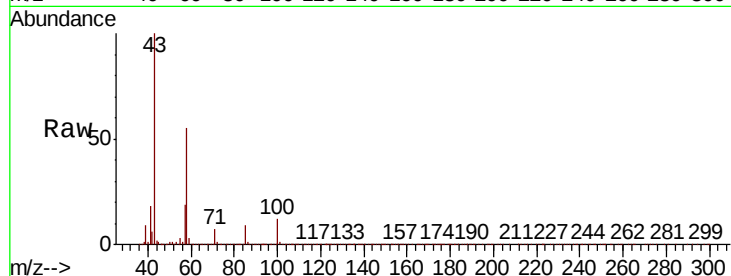
#59
2-Hexanone
Concen: 258.285 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1890340
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4

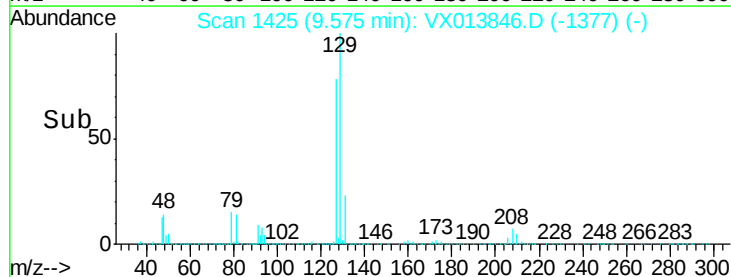
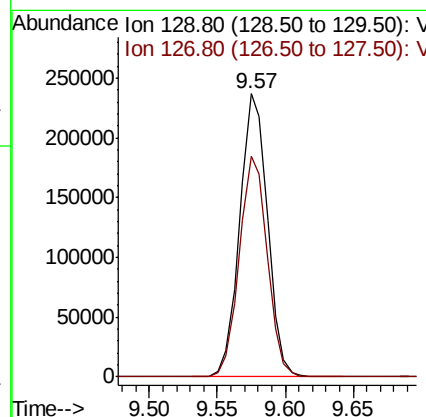
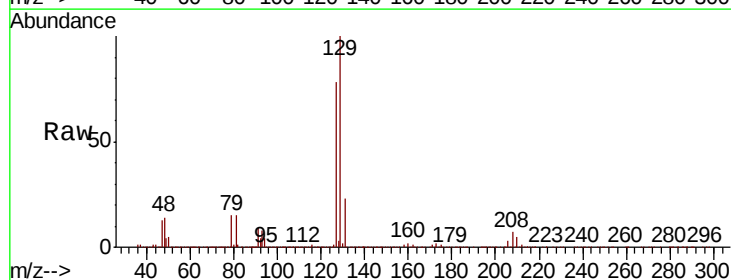
Manual Integrations
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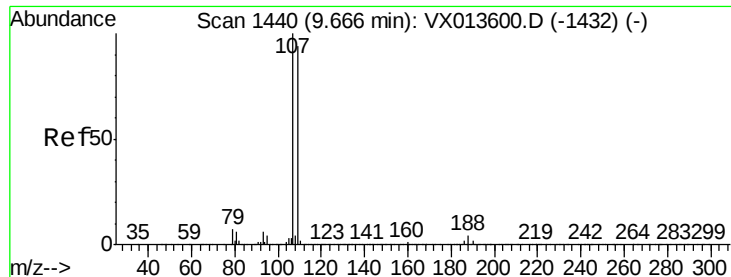
apatel
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#60
Dibromochloromethane
Concen: 52.771 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion: 129 Resp: 337291
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





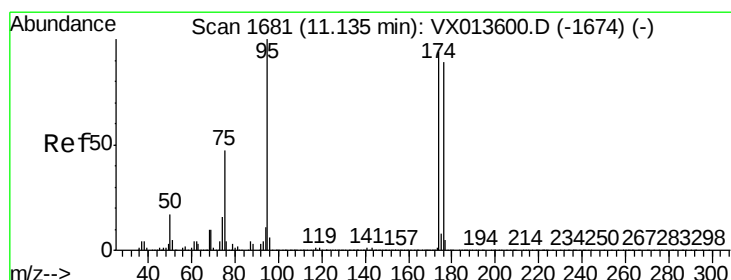
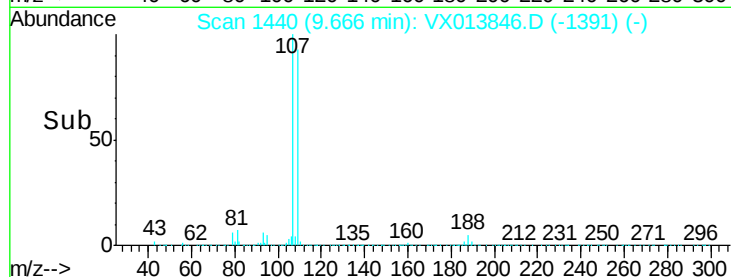
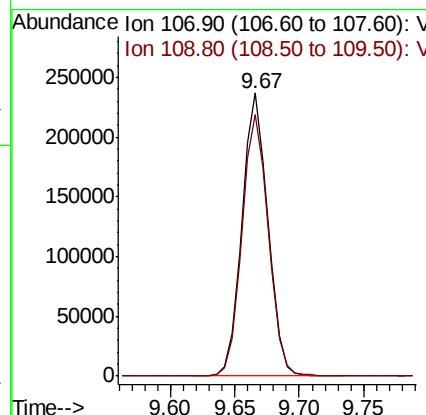
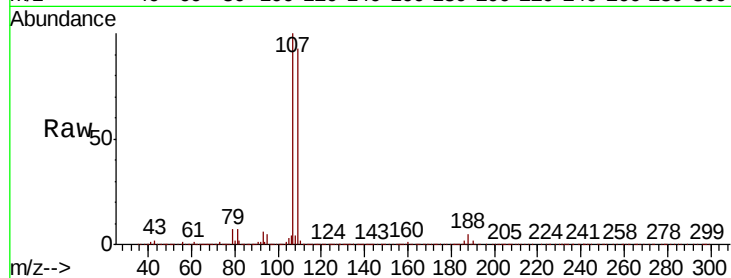
#61
 1,2-Dibromoethane
 Concen: 50.009 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	328955		
109	93.9	76.1	114.1	

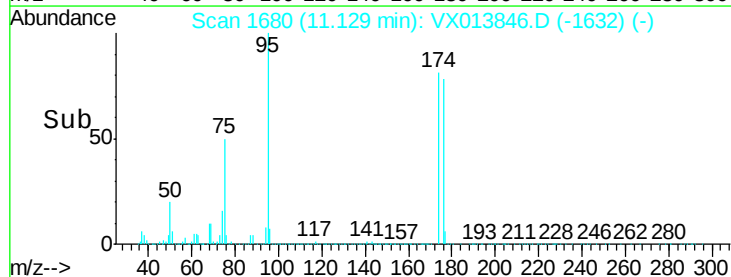
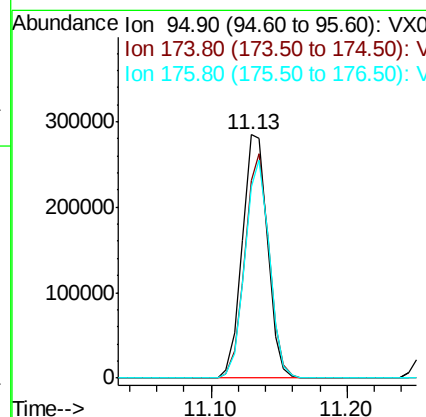
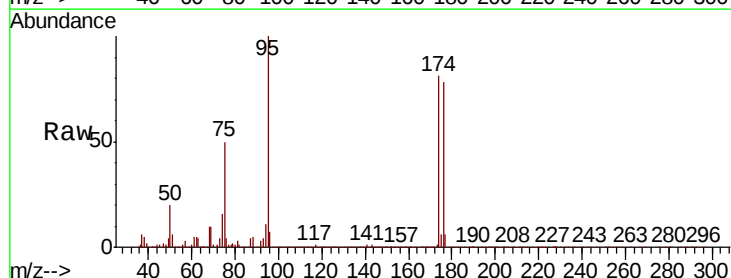
Manual Integrations
 APPROVED

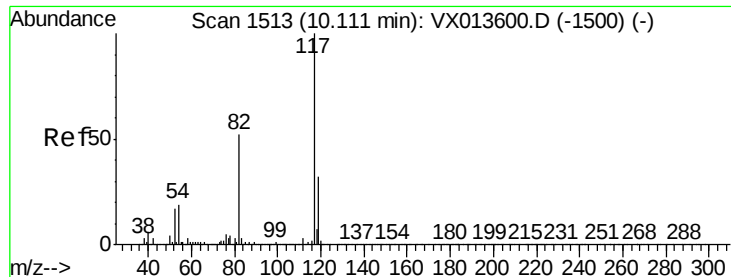
apatel
 12/11/2019 8:54:29 AM



#62
 4-Bromofluorobenzene
 Concen: 47.723 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	368838		
174	88.4	0.0	180.0	
176	86.3	0.0	173.6	





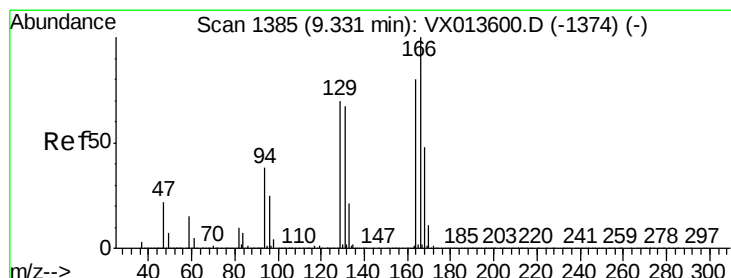
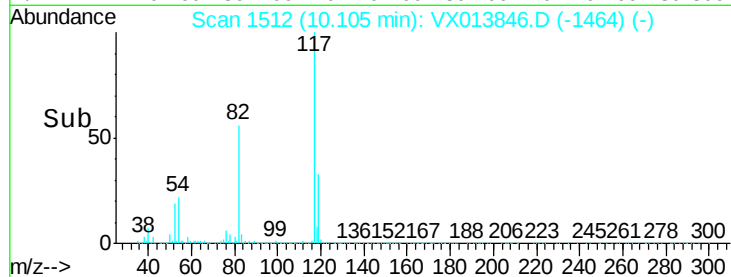
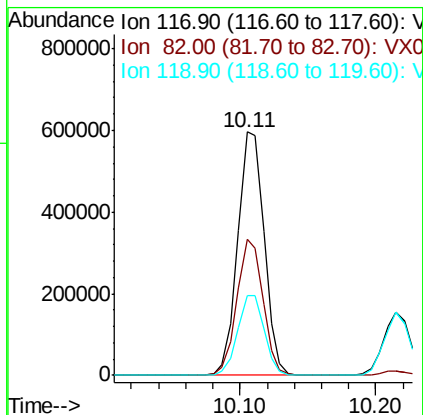
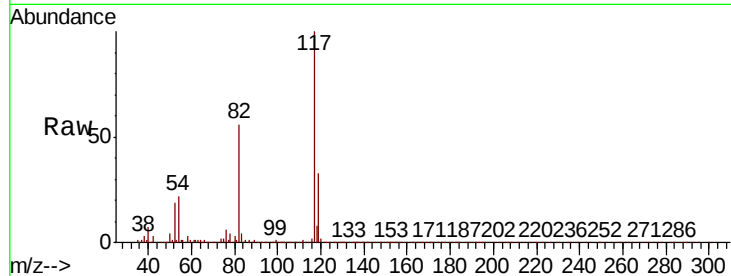
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	810529		
82	56.1		41.8	62.8
119	32.6		25.8	38.8

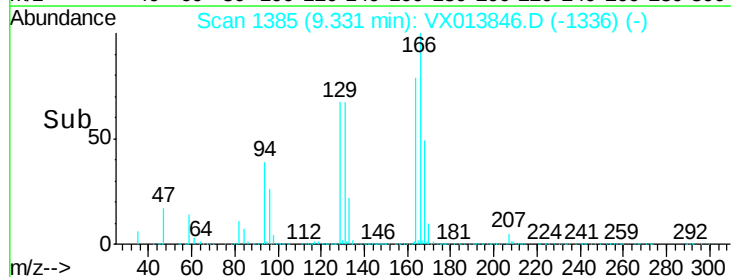
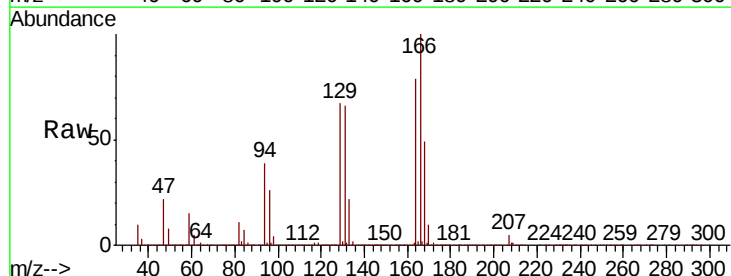
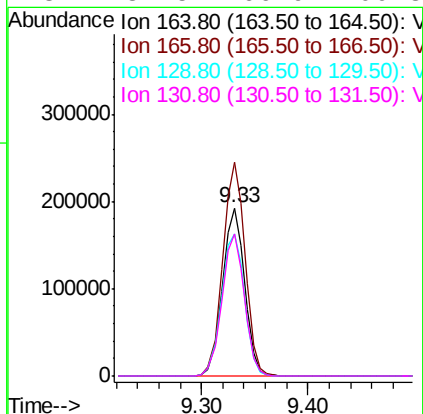
Manual Integrations
APPROVED

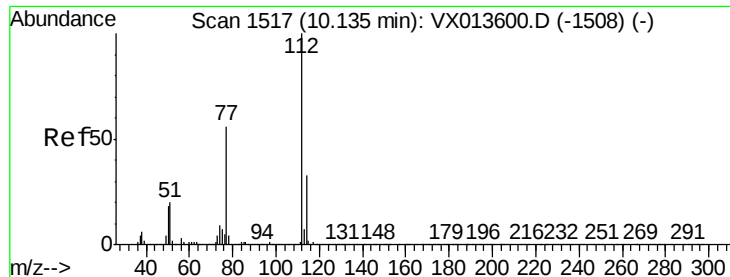
apatel
12/11/2019 8:54:29 AM



#64
Tetrachloroethene
Concen: 46.192 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279204		
166	127.1		99.7	149.5
129	84.7		70.1	105.1
131	84.5		66.9	100.3





#65

Chlorobenzene

Concen: 47.551 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 800209

Ion Ratio Lower Upper

112 100

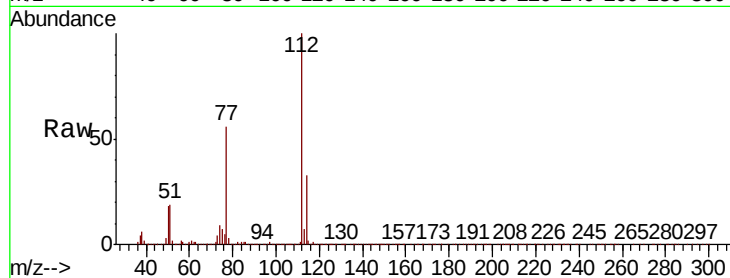
114 33.1 26.1 39.1

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

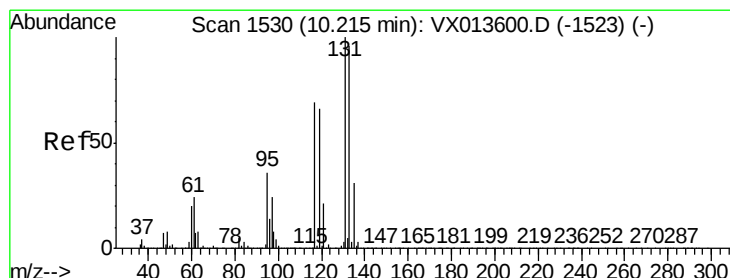
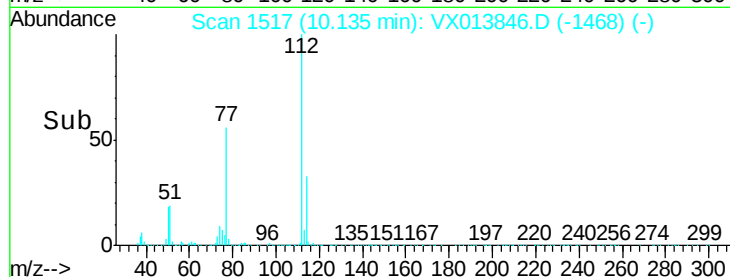
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 50.395 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

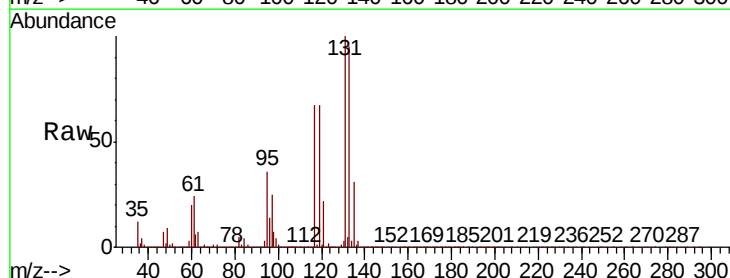
Tgt Ion:131 Resp: 304528

Ion Ratio Lower Upper

131 100

133 96.5 47.7 143.1

119 66.7 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

300000

250000

200000

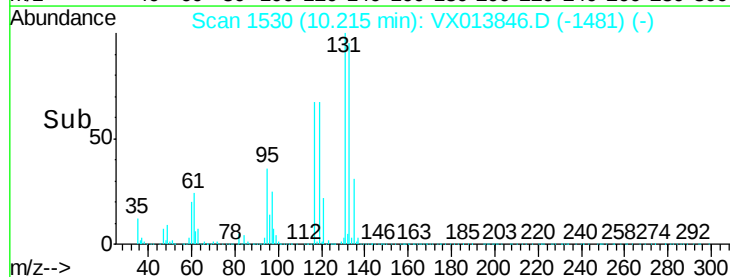
150000

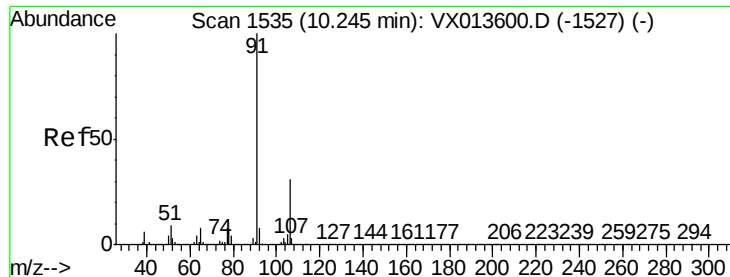
100000

50000

0

Time--> 10.15 10.20 10.25 10.30





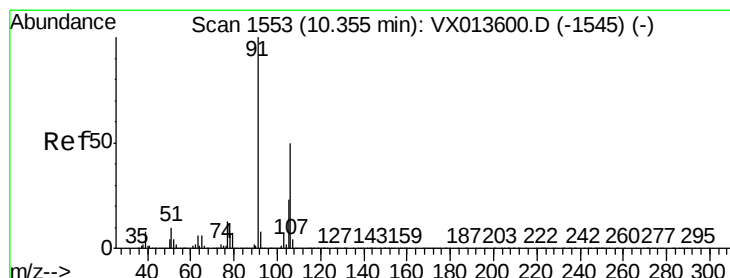
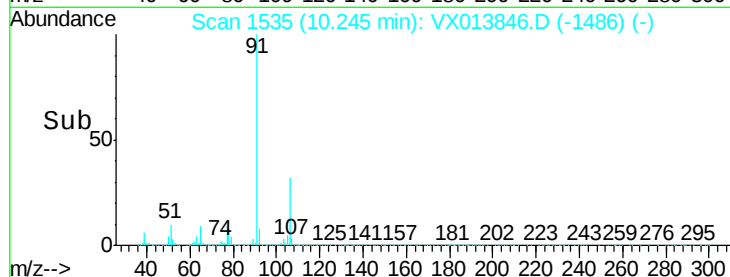
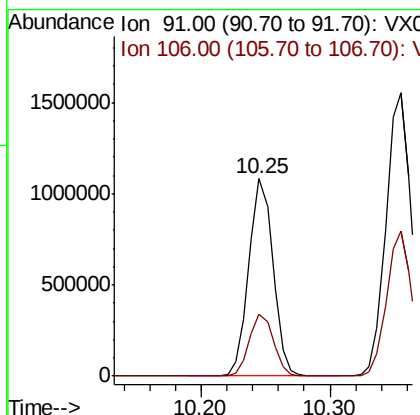
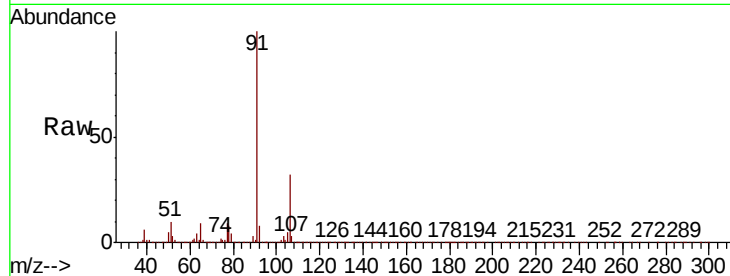
#67
Ethyl Benzene
Concen: 48.458 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1401289
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

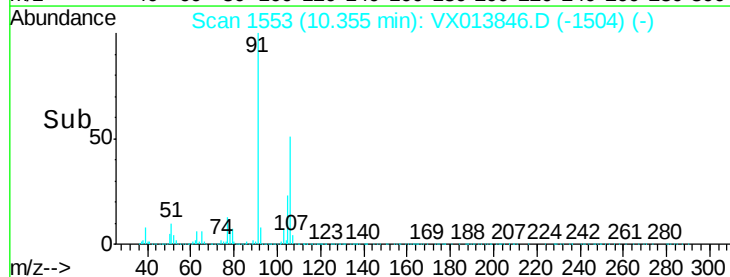
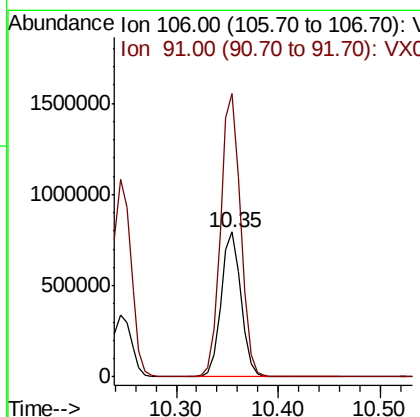
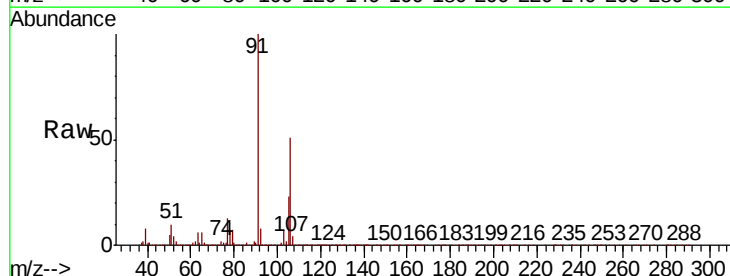
Manual Integrations
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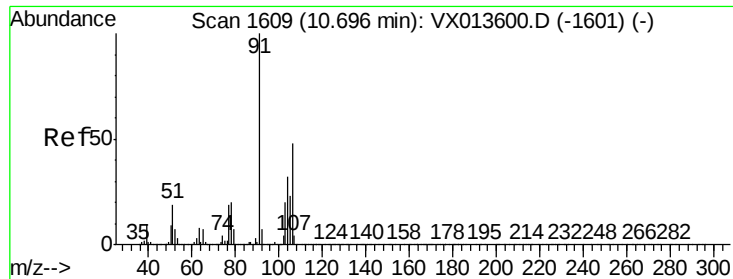
apatel
12/11/2019 8:54:29 AM



#68
m/p-Xylenes
Concen: 97.030 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion: 106 Resp: 1074242
Ion Ratio Lower Upper
106 100
91 198.1 159.0 238.4





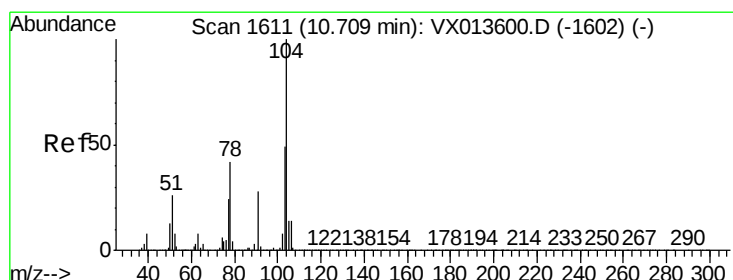
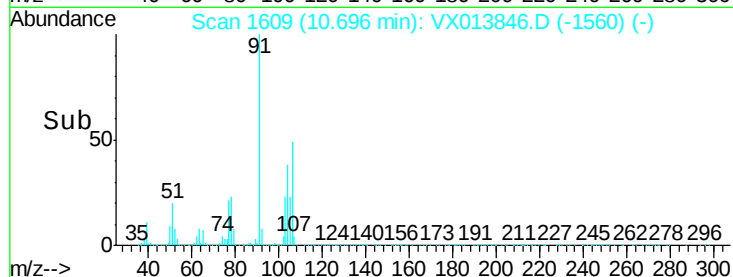
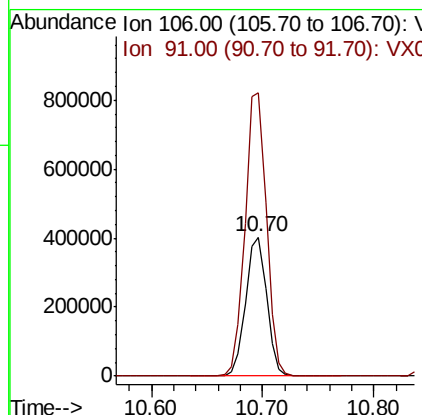
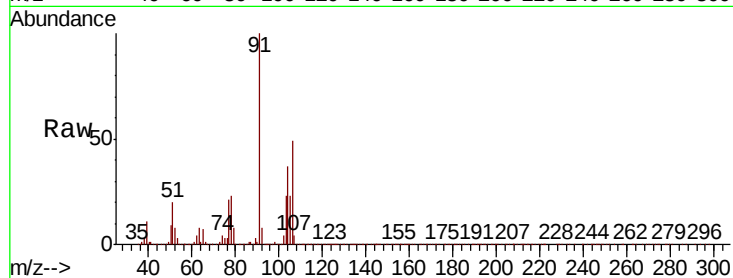
#69
o-Xylene
Concen: 48.897 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.0	104.1	312.2

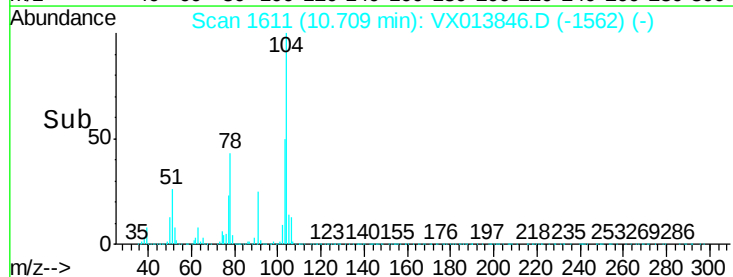
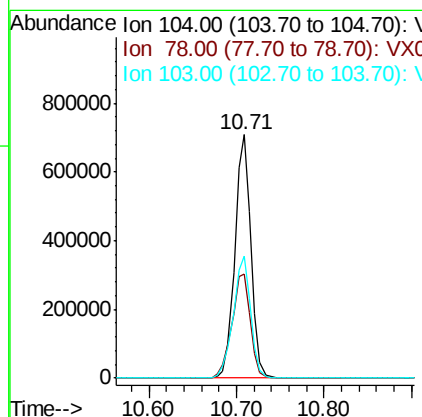
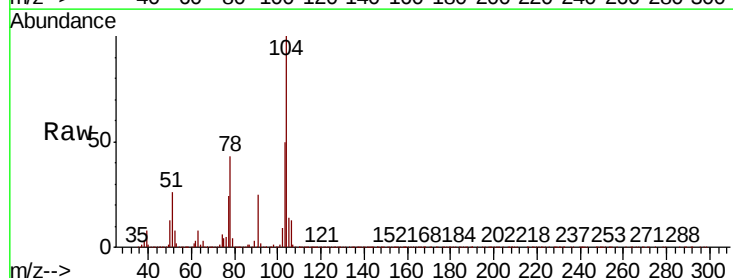
Manual Integrations
APPROVED

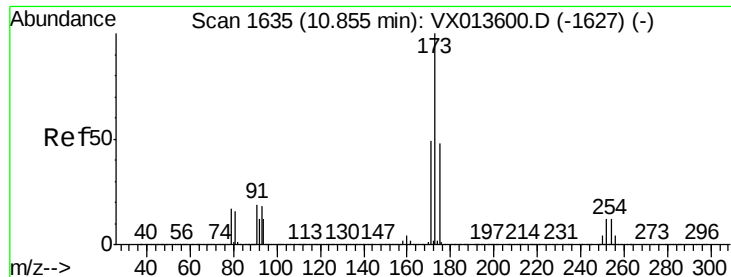
apatel
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#70
Styrene
Concen: 50.183 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.5	57.7
103	54.2	43.7	65.5





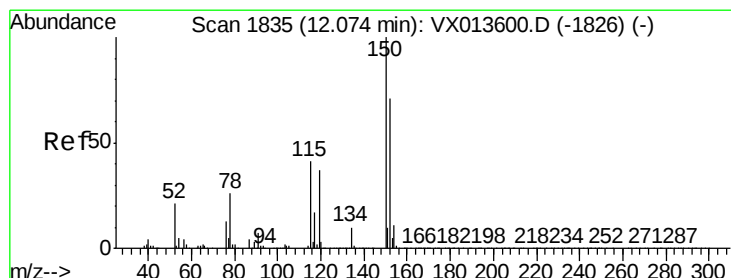
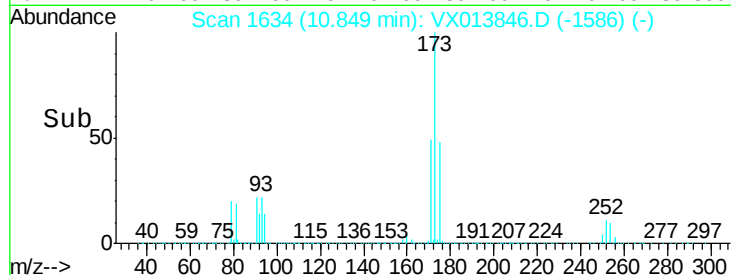
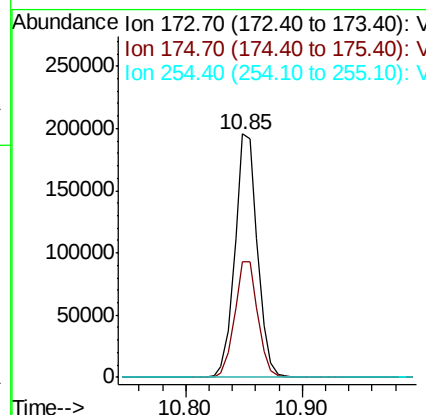
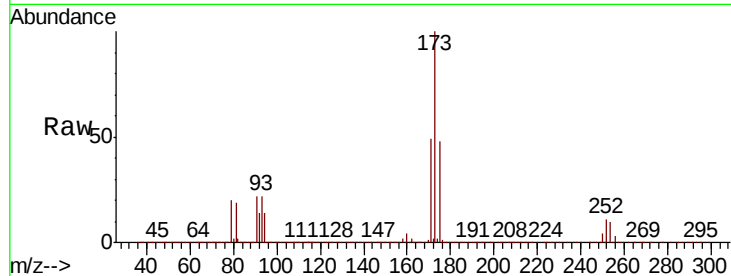
#71
Bromoform
Concen: 52.327 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.2	0.2	0.4

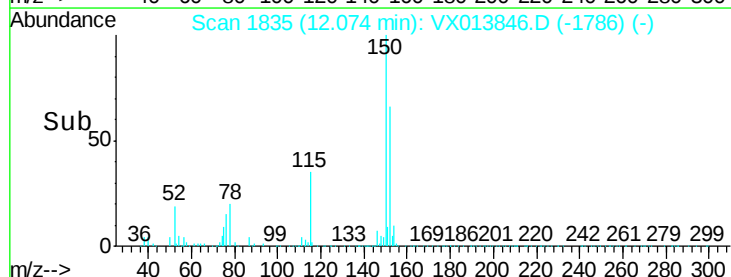
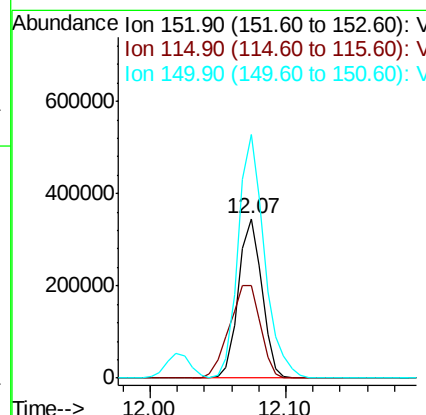
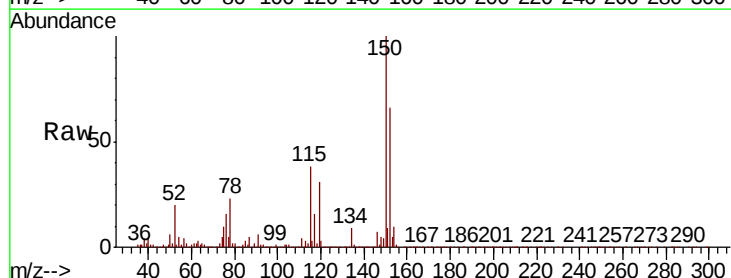
Manual Integrations
APPROVED

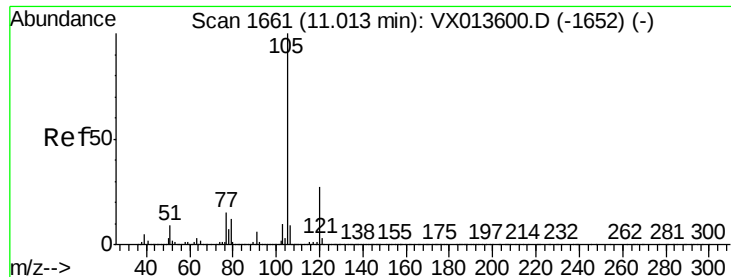
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	38.4	115.1
150	170.3	0.0	346.8





#73

Isopropylbenzene

Concen: 46.839 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1363665

Ion Ratio Lower Upper

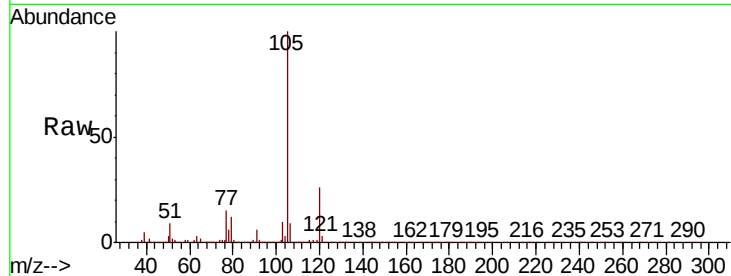
105 100

120 26.9 13.5 40.5

Manual Integrations
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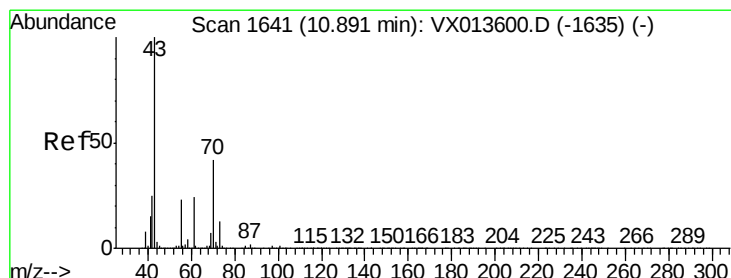
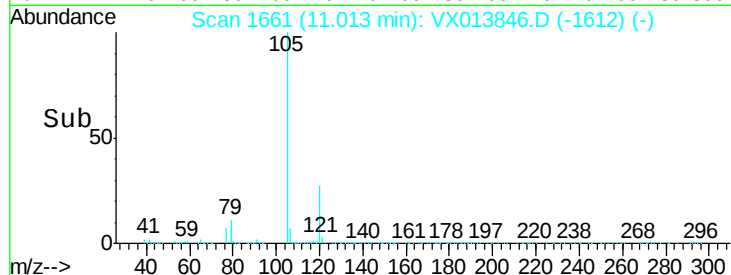
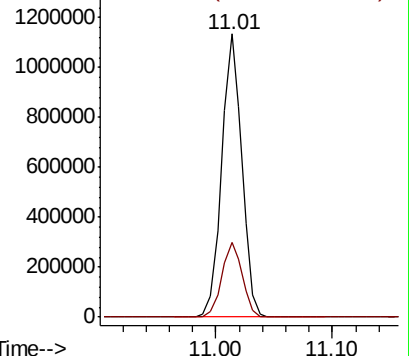
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.081 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion: 43 Resp: 681247

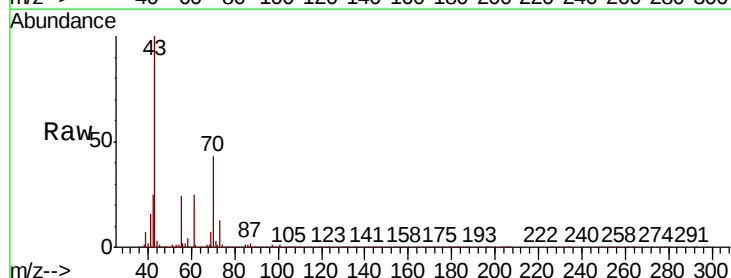
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 24.0 18.5 27.7

61 24.8 19.8 29.8

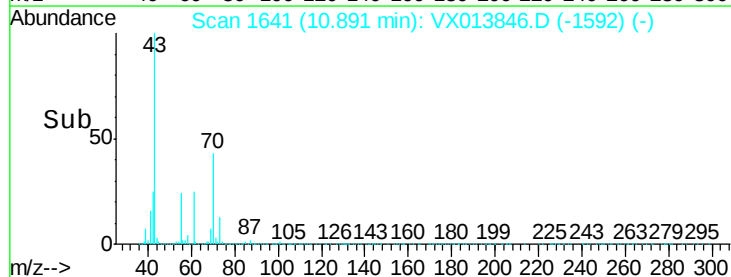
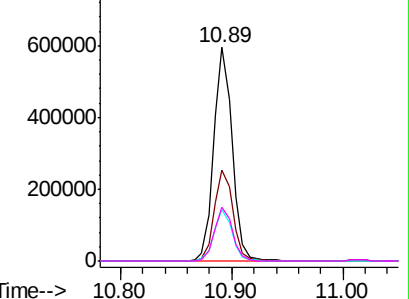


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.092 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 505758

Ion Ratio Lower Upper

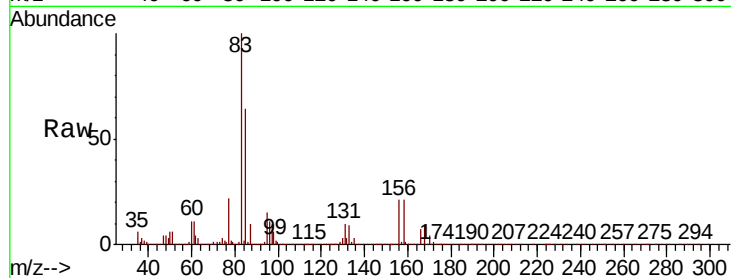
83 100

131 9.8 5.1 15.3

85 64.2 31.8 95.3

Manual Integrations
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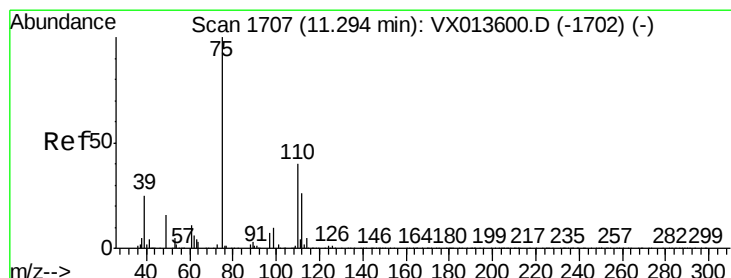
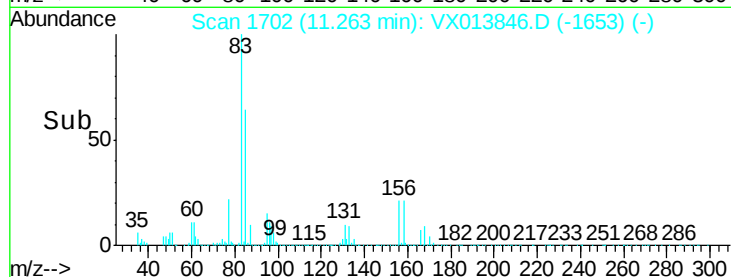
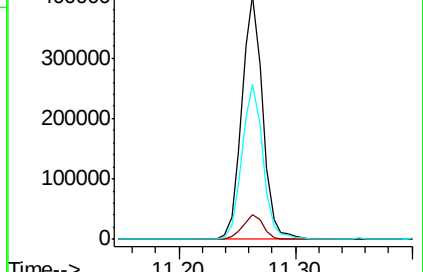
apatel
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.234 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013846.D

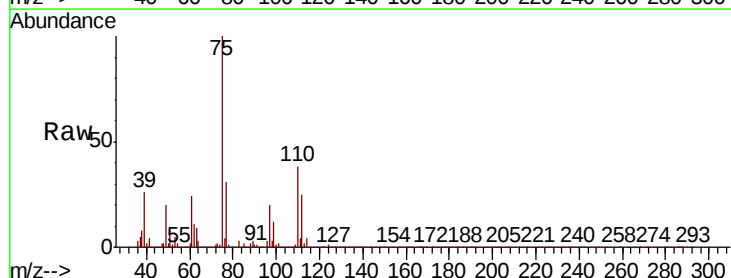
Acq: 09 Dec 2019 11:01

Tgt Ion: 75 Resp: 478273

Ion Ratio Lower Upper

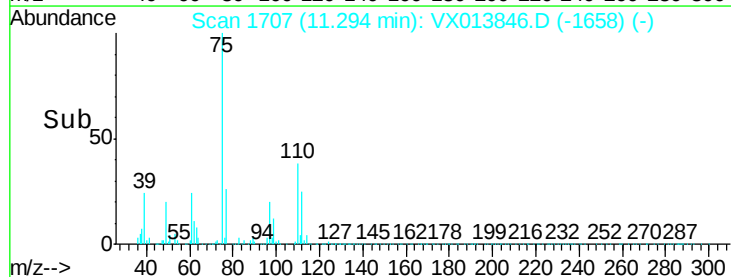
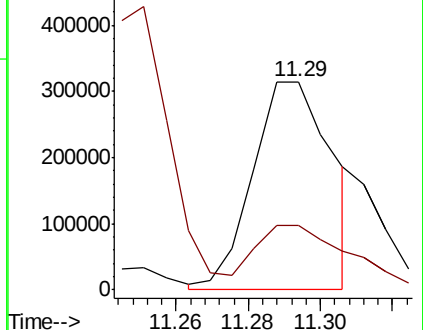
75 100

77 37.0 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





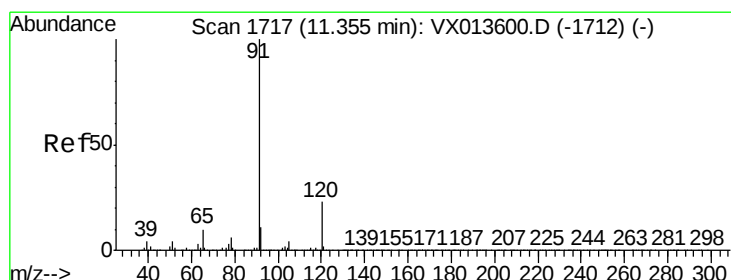
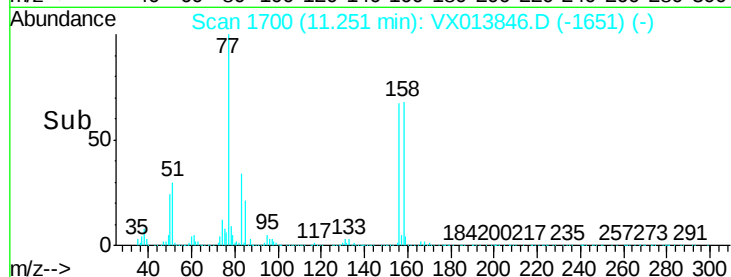
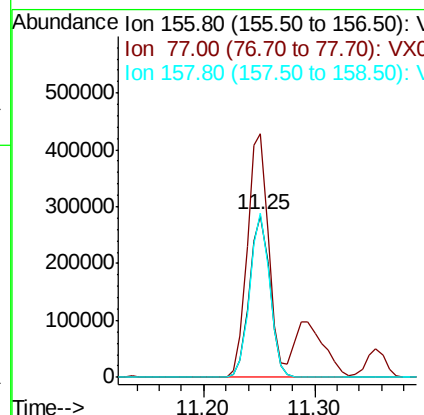
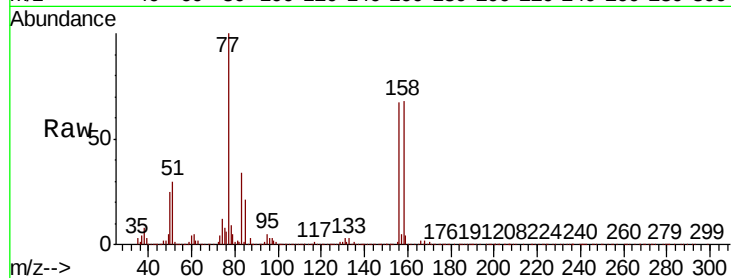
#77
Bromobenzene
Concen: 46.344 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.1	74.4	223.1
158	98.9	48.9	146.6

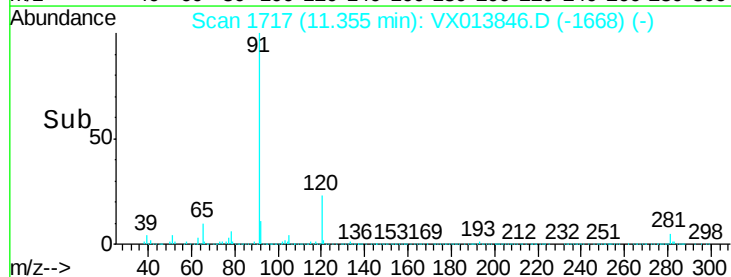
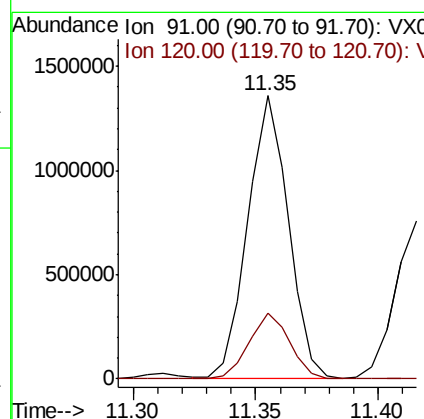
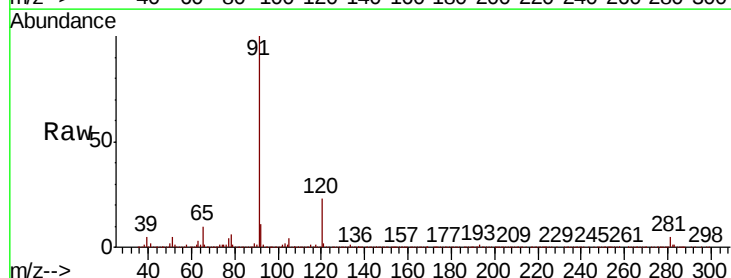
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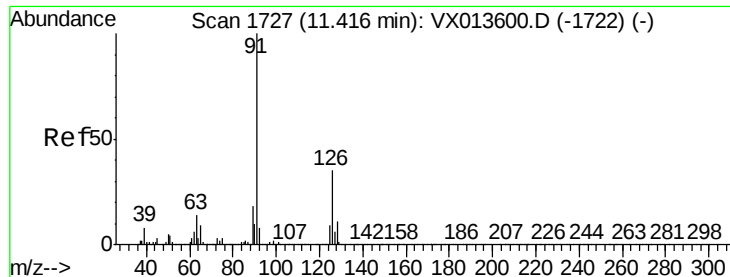
apatel
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#78
n-propylbenzene
Concen: 48.191 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





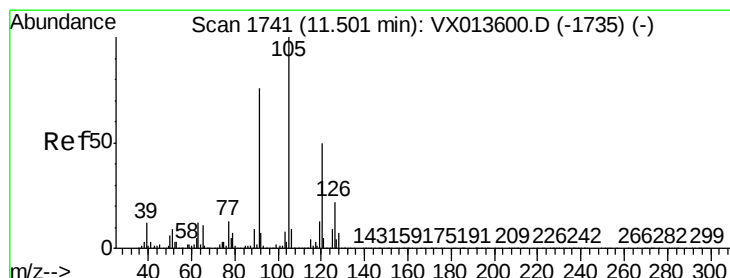
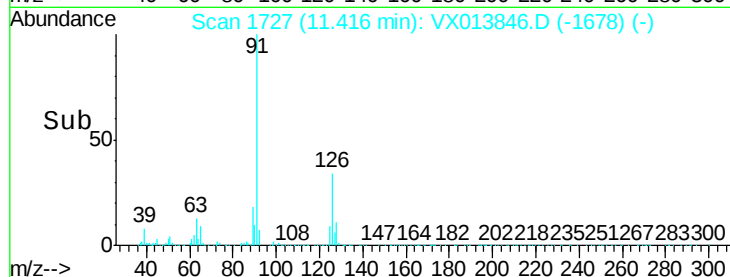
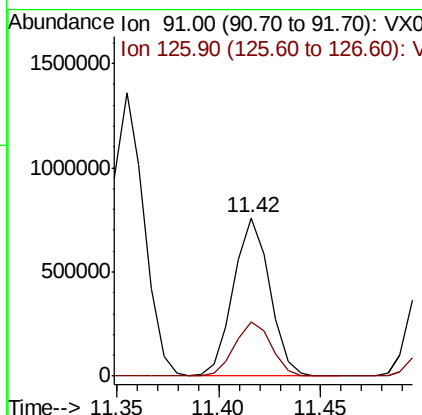
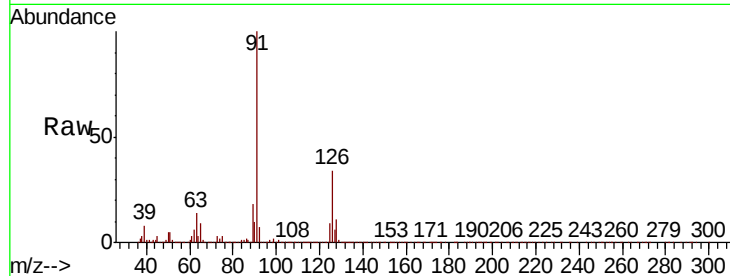
#79
 2-Chlorotoluene
 Concen: 47.848 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 932830
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5

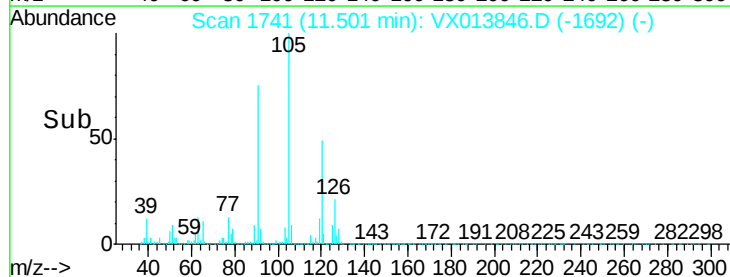
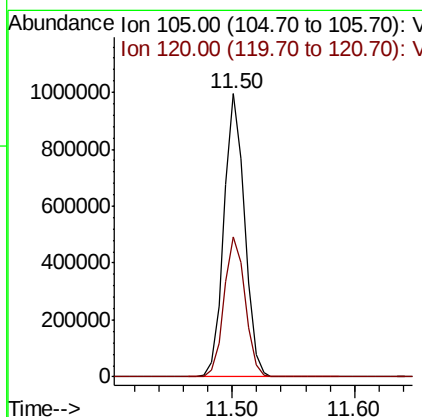
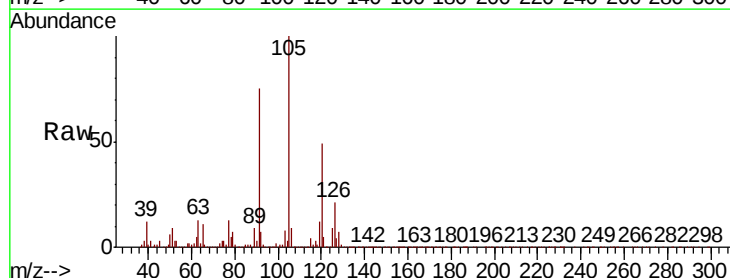
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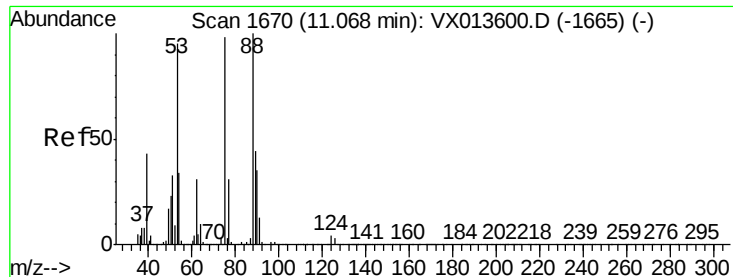
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.541 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion: 105 Resp: 1158261
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.3 75.9





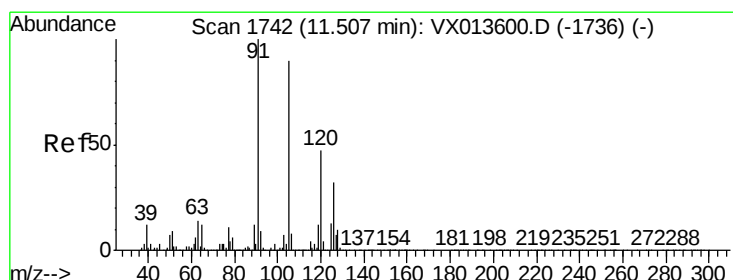
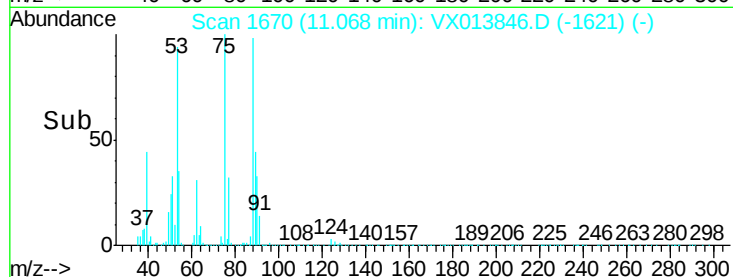
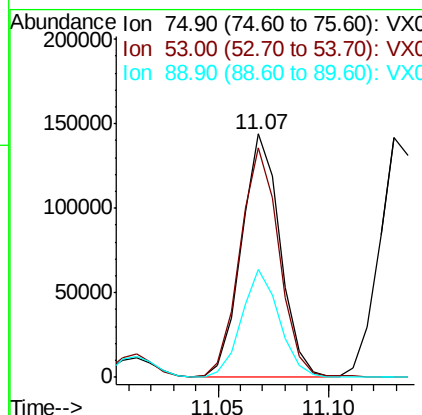
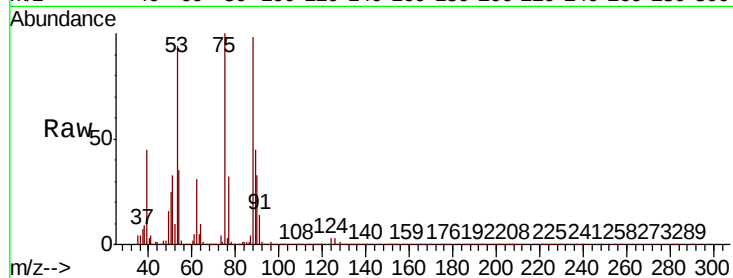
#81
trans-1,4-Dichloro-2-butene
Concen: 50.969 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	78.2	117.2
89	43.7	35.4	53.2

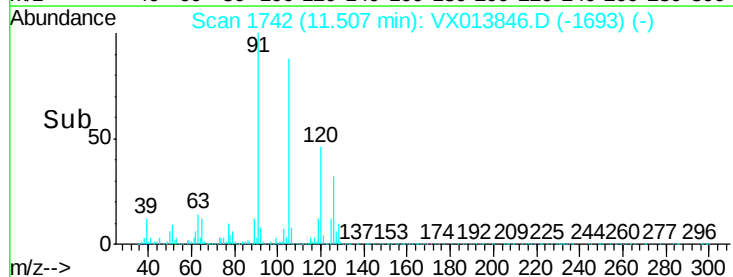
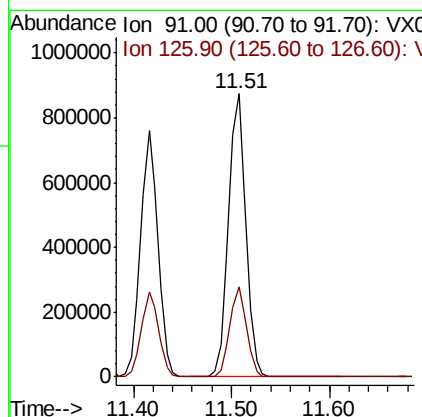
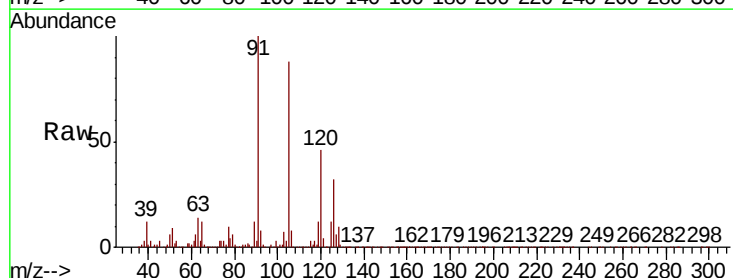
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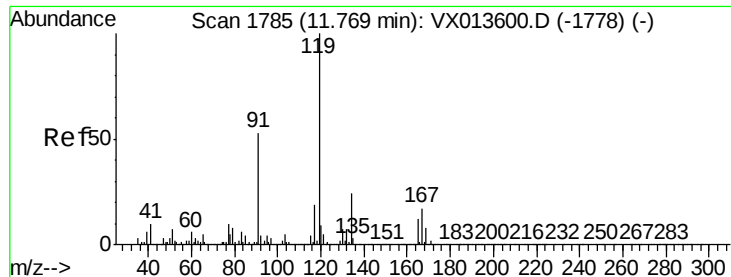
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#82
4-Chlorotoluene
Concen: 47.669 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 48.014 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

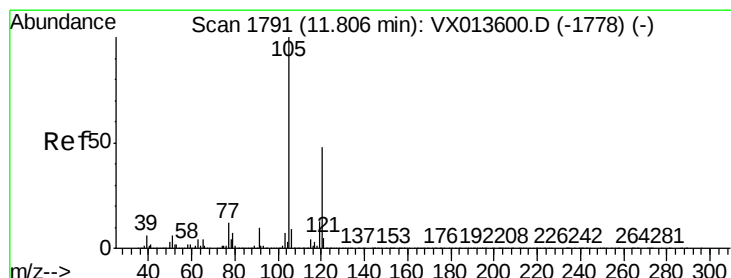
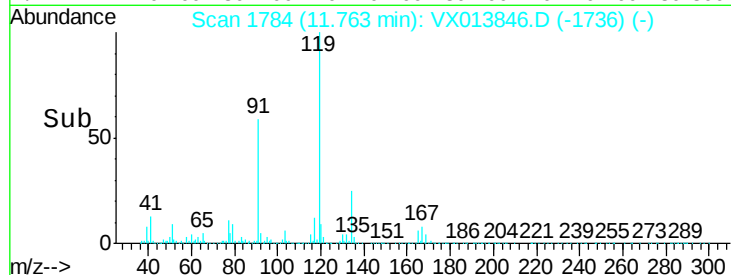
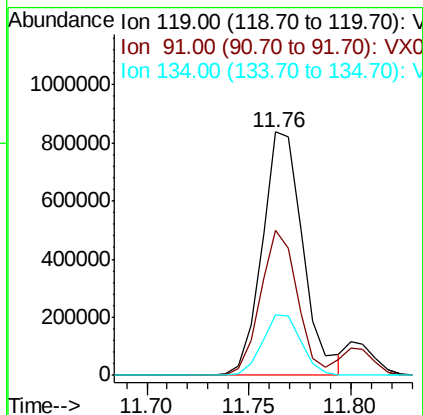
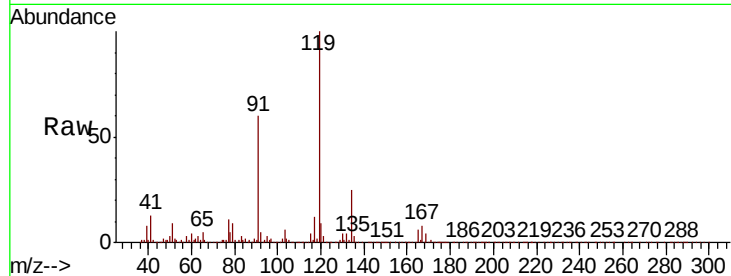
ClientSampled :

VSTDCCC050

Tot Ion:	119	Resp:	1164343
Ion	Ratio	Lower	Upper
119	100		
91	54.1	27.2	81.6
134	23.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 48.329 ug/l

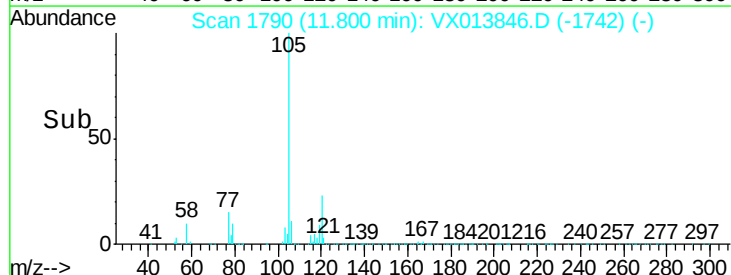
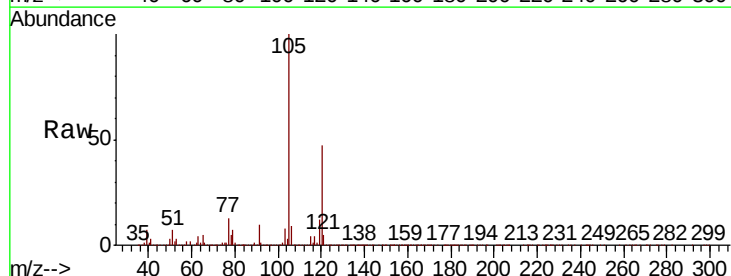
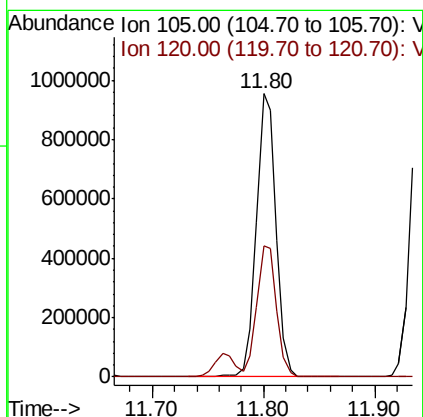
RT: 11.80 min Scan# 1790

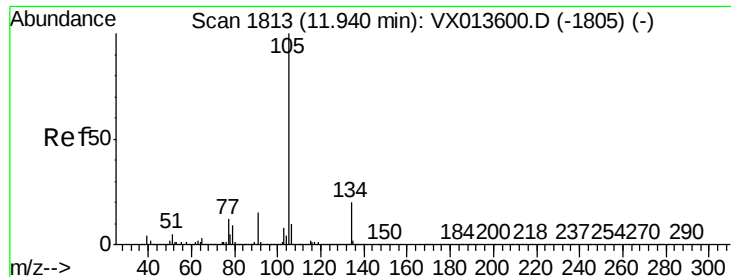
Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	105	Resp:	1170378
Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 47.877 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1326154

Ion Ratio Lower Upper

105 100

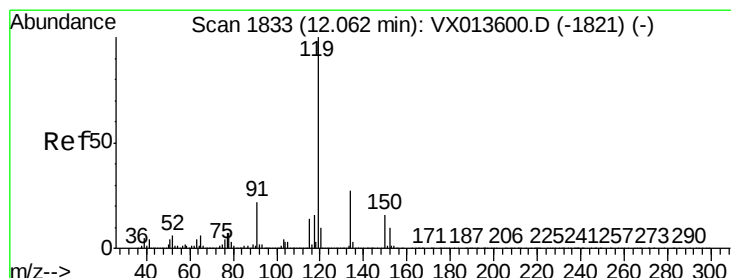
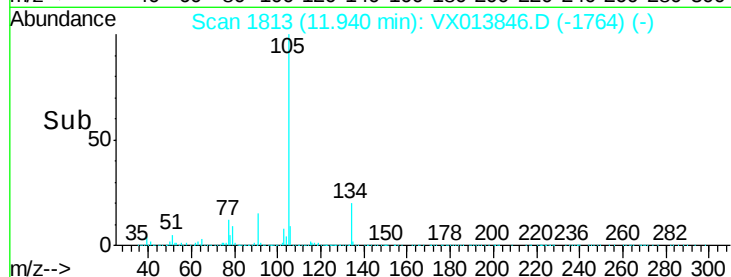
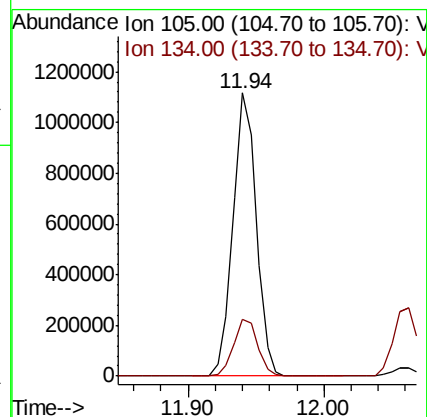
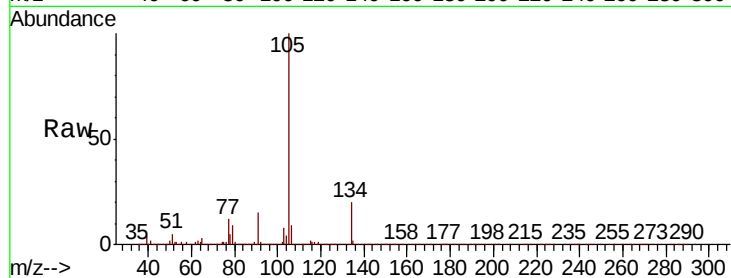
134 20.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 48.182 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

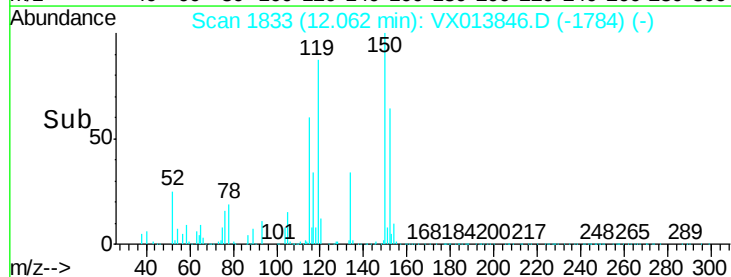
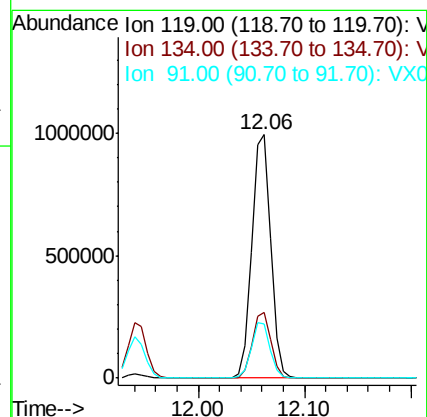
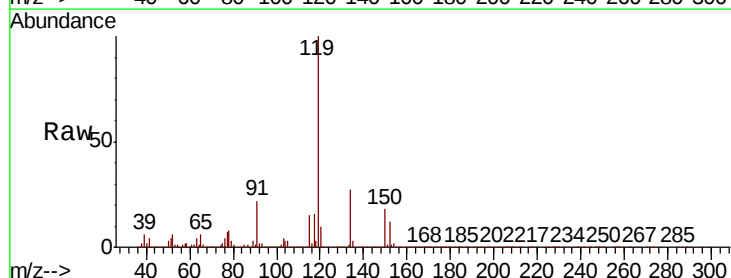
Tgt Ion:119 Resp: 1241563

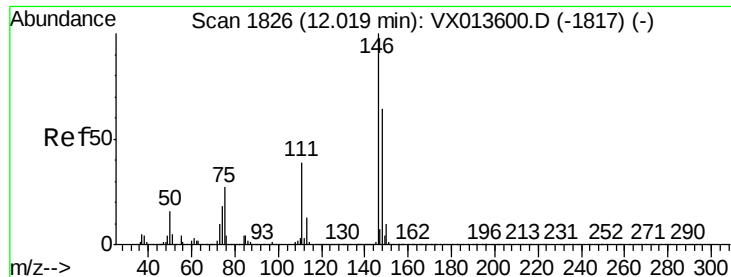
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.441 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

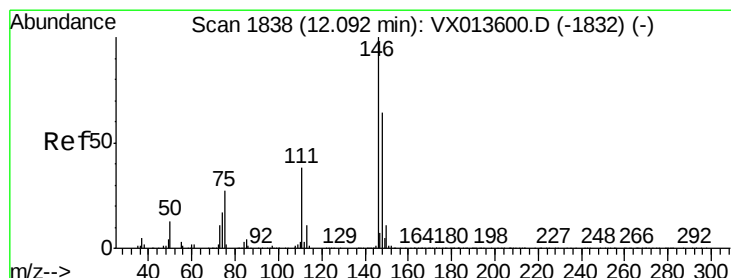
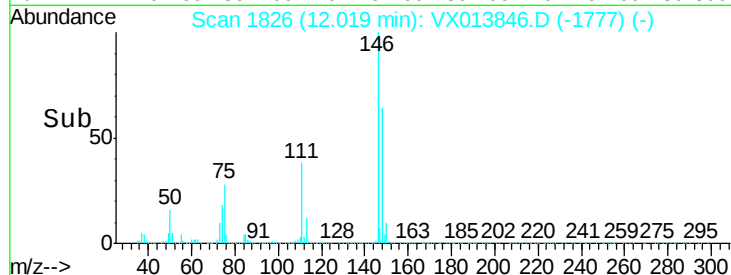
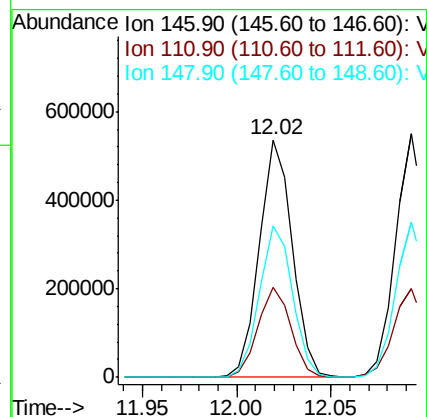
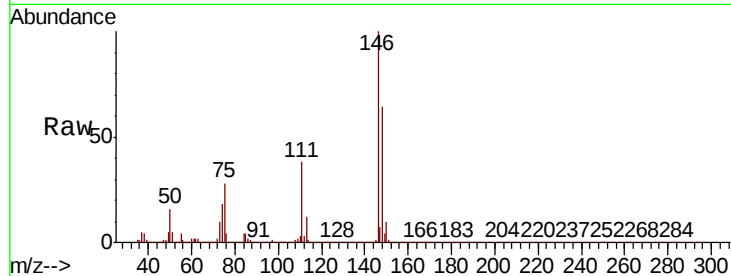
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	650431
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.0	57.0
148	63.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 46.454 ug/l

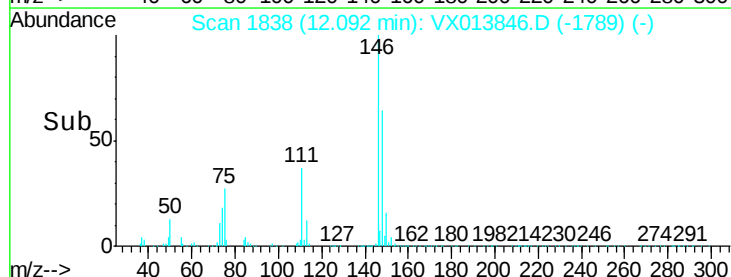
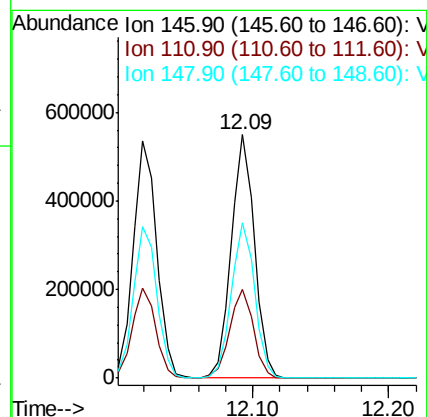
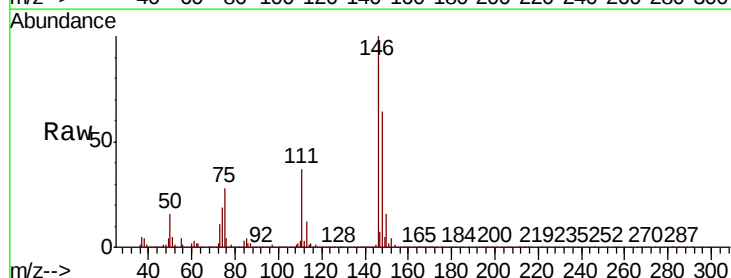
RT: 12.09 min Scan# 1838

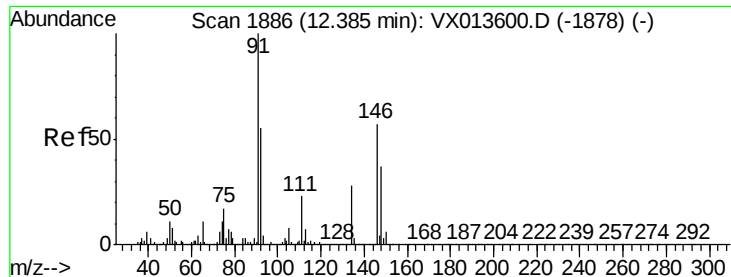
Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	146	Resp:	648730
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.9	56.9
148	64.3	31.9	95.5





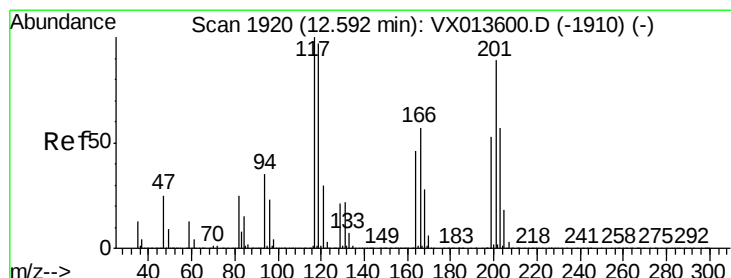
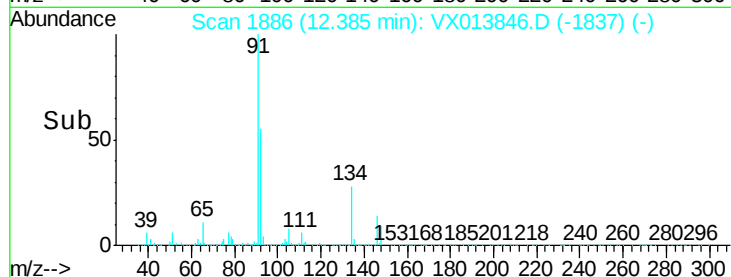
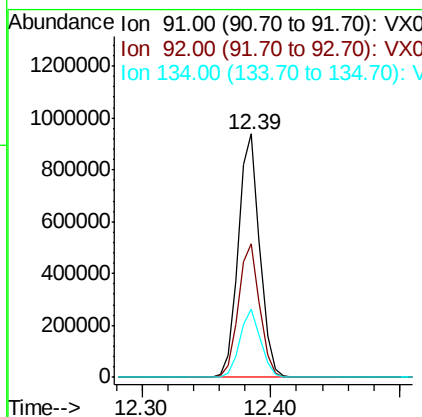
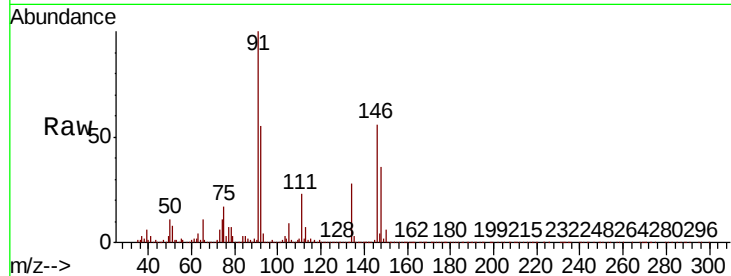
#89
n-Butylbenzene
Concen: 49.190 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.0	13.5	40.4

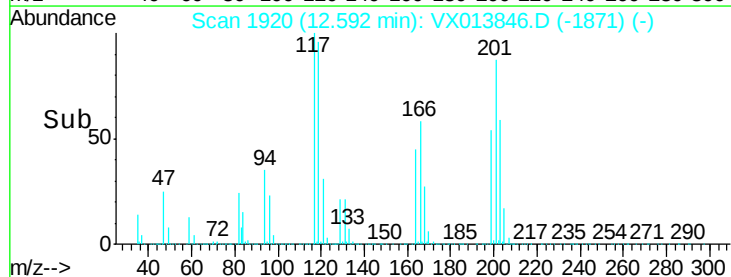
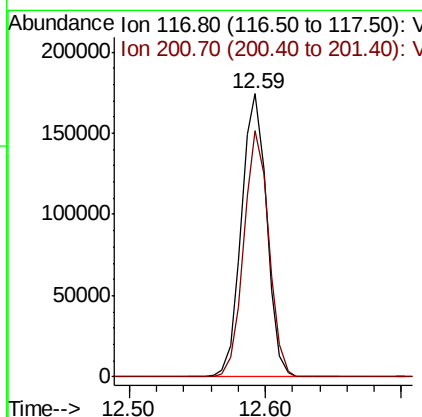
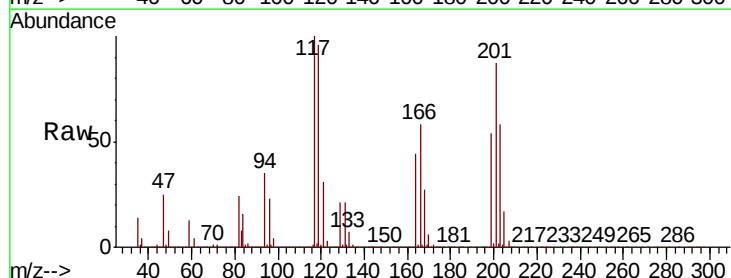
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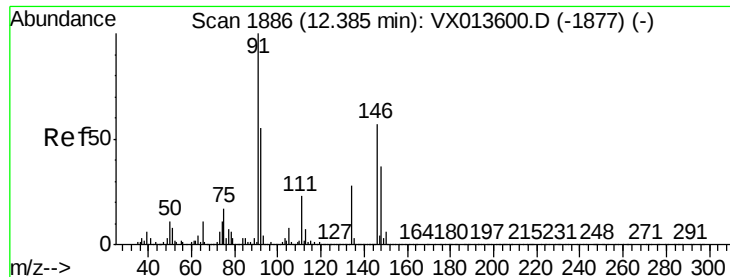
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#90
Hexachloroethane
Concen: 48.269 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013846.D
Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 48.903 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

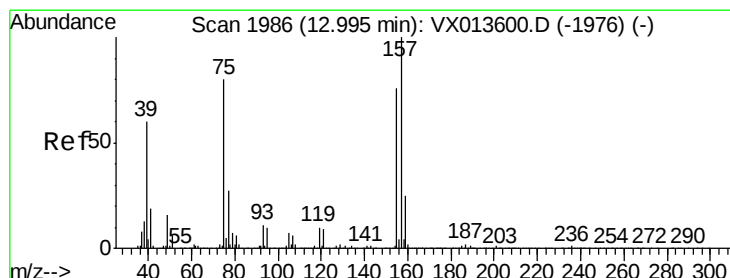
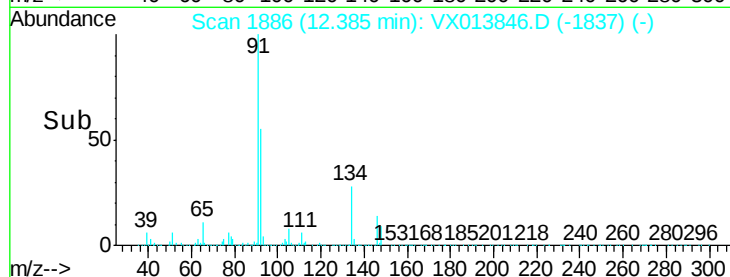
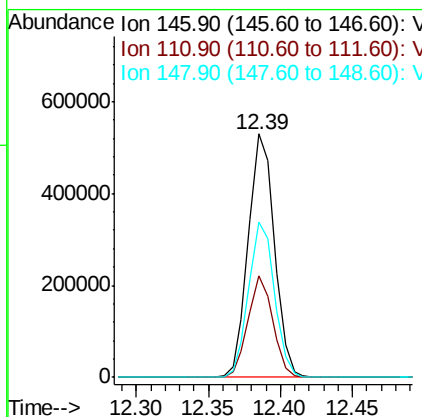
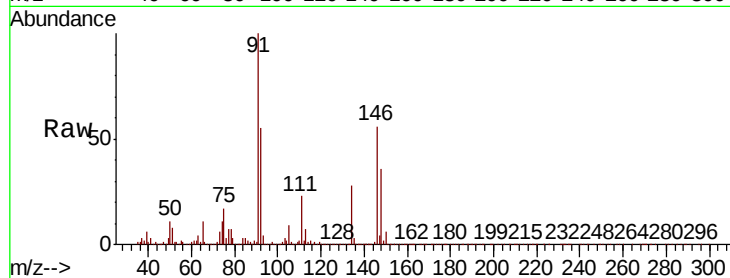
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	662459
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.6	58.7
148	63.3	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.297 ug/l

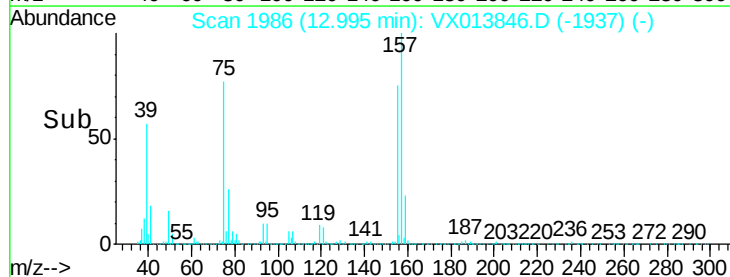
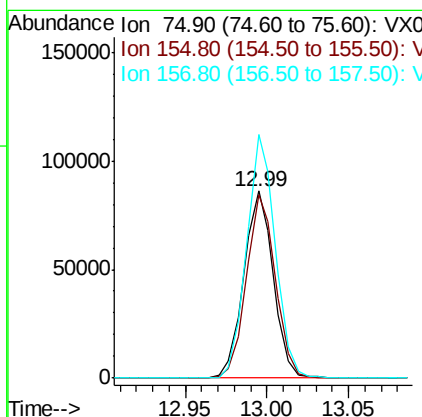
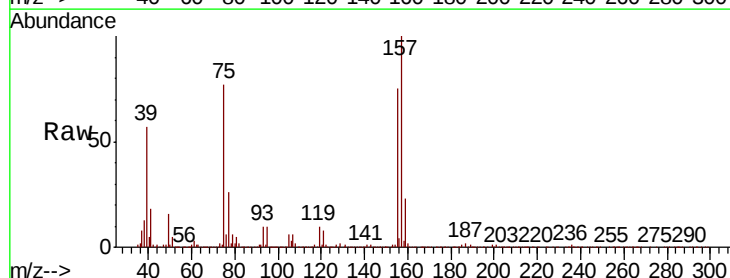
RT: 12.99 min Scan# 1886

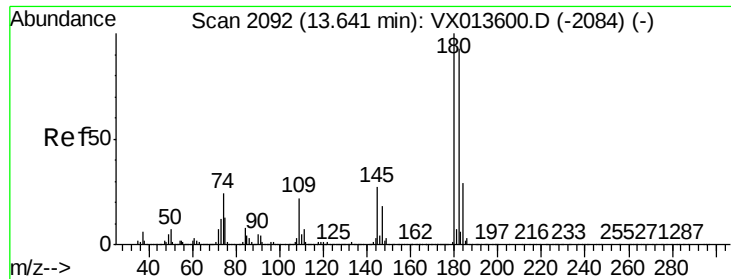
Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	75	Resp:	108388
Ion Ratio	Lower	Upper	
75	100		
155	97.2	47.6	142.8
157	127.4	62.1	186.2





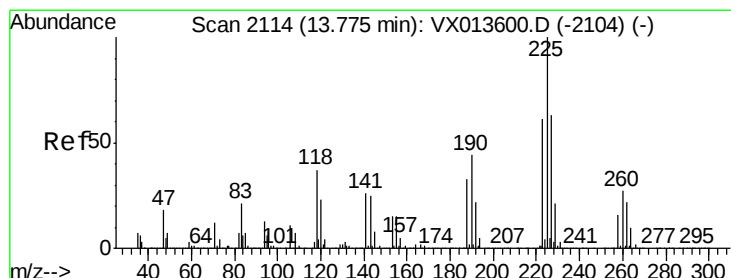
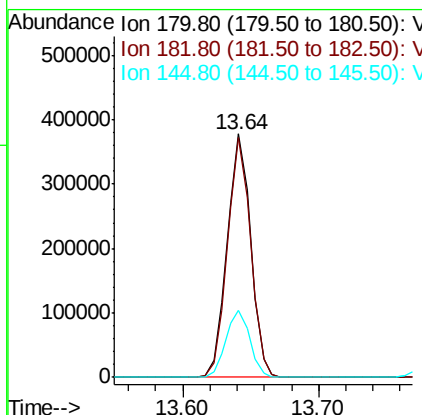
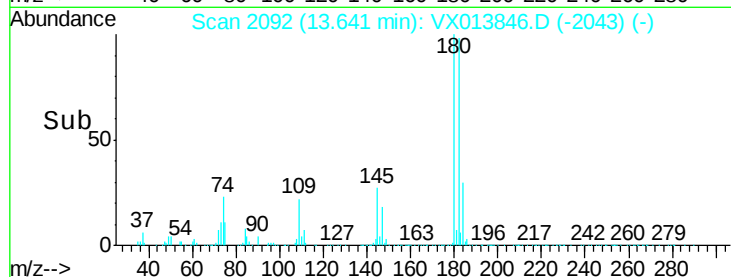
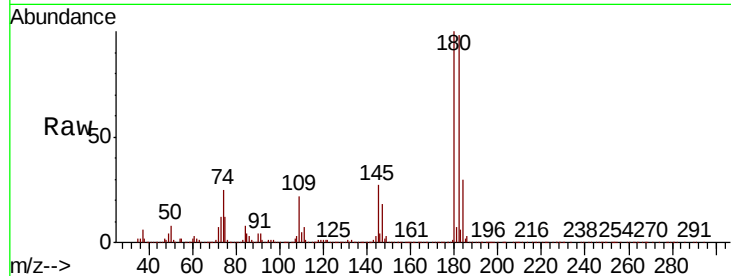
#93
 1,2,4-Trichlorobenzene
 Concen: 48.167 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.2	141.6
145	28.1	13.8	41.4

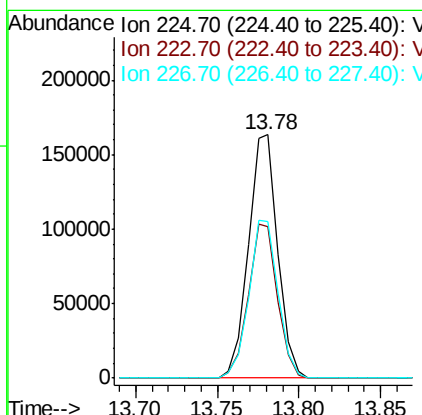
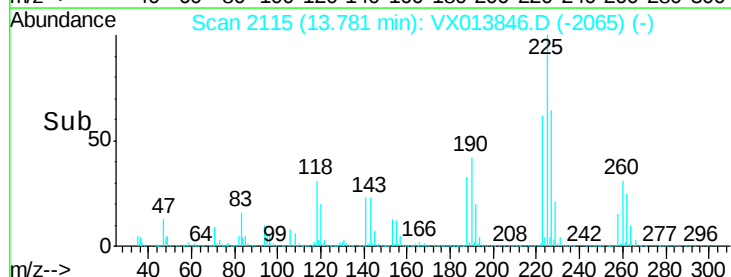
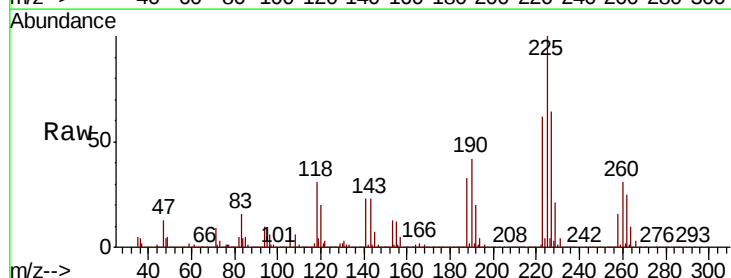
Manual Integrations
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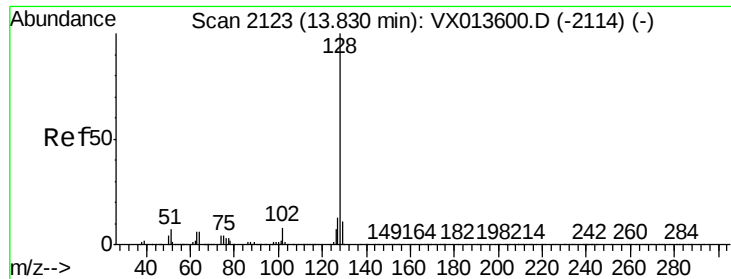
apatel
 12/11/2019 8:54:29 AM



#94
 Hexachlorobutadiene
 Concen: 45.038 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013846.D
 Acq: 09 Dec 2019 11:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.5
227	64.6	32.1	96.3





#95

Naphthalene

Concen: 51.169 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Instrument :

MSVOA_X

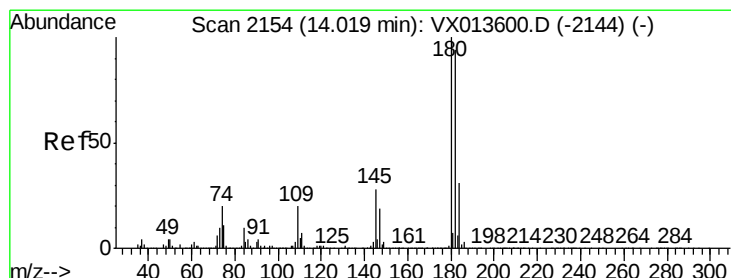
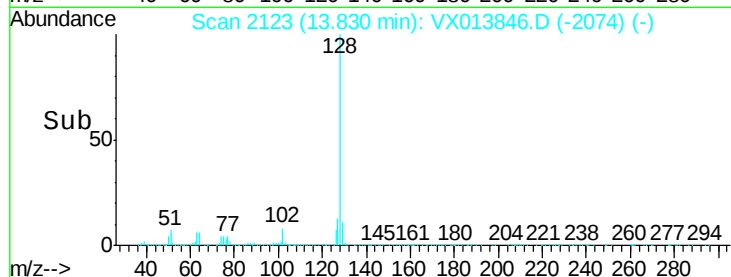
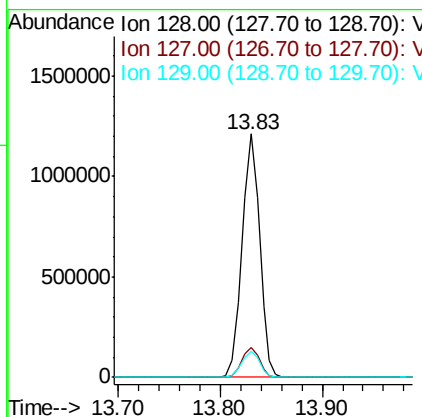
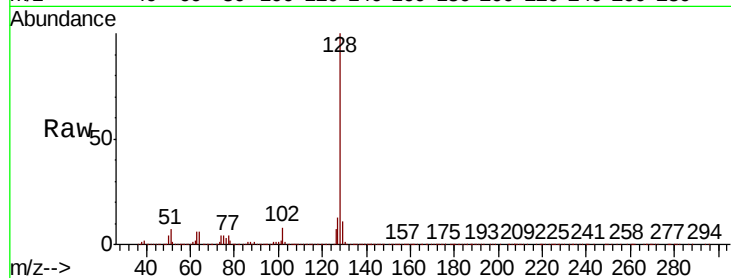
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1438622
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:54:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.410 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013846.D

Acq: 09 Dec 2019 11:01

Tgt Ion:	180	Resp:	452519
Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.6	142.8
145	29.9	15.0	45.0

