

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010320\
 Data File : VX014391.D
 Acq On : 03 Jan 2020 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
 APPROVED

apatel
 1/6/2020 10:41:36 AM

Quant Time: Jan 06 02:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	529169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	797127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	712783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	296830	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.48	113	253697	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	8.71	98	964453	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	351874	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	211503	44.676	ug/l	97
3) Chloromethane	1.32	50	284647	44.803	ug/l	100
4) Vinyl Chloride	1.40	62	313432	46.754	ug/l	99
5) Bromomethane	1.63	94	243095	51.091	ug/l	98
6) Chloroethane	1.72	64	204490	49.423	ug/l	94
7) Trichlorofluoromethane	1.92	101	427887	51.561	ug/l	99
8) Diethyl Ether	2.18	74	200790	51.554	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268055	53.585	ug/l	99
10) Methyl Iodide	2.50	142	306335	46.622	ug/l	99
11) Tert butyl alcohol	3.03	59	331571	255.862	ug/l	97
12) 1,1-Dichloroethene	2.36	96	259390	50.958	ug/l	98
13) Acrolein	2.28	56	220493	297.235	ug/l	99
14) Allyl chloride	2.72	41	484216	53.278	ug/l	99
15) Acrylonitrile	3.12	53	825612	272.955	ug/l	99
16) Acetone	2.43	43	923070	237.074	ug/l	99
17) Carbon Disulfide	2.56	76	619959	43.963	ug/l	98
18) Methyl Acetate	2.76	43	422512	54.763	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	927962	55.478	ug/l	99
20) Methylene Chloride	2.84	84	304640	49.686	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	278003	49.574	ug/l	98
22) Diisopropyl ether	3.84	45	996671	55.031	ug/l	97
23) Vinyl Acetate	3.80	43	4265423	288.599	ug/l	99
24) 1,1-Dichloroethane	3.69	63	528403	52.440	ug/l	98
25) 2-Butanone	4.65	43	1263491	263.208	ug/l	100
26) 2,2-Dichloropropane	4.57	77	446840	57.116	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	333906	52.648	ug/l	100
28) Bromochloromethane	5.00	49	212401	54.767	ug/l	99
29) Tetrahydrofuran	5.11	42	733408	273.154	ug/l	99
30) Chloroform	5.20	83	516461	54.068	ug/l	98
31) Cyclohexane	5.56	56	460402	51.373	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	441937	54.285	ug/l	98
36) 1,1-Dichloropropene	5.79	75	385083	52.649	ug/l	99
37) Ethyl Acetate	4.81	43	453023	56.089	ug/l	99
38) Carbon Tetrachloride	5.77	117	374994	56.280	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	480592	53.215	ug/l	99
40) Benzene	6.13	78	1189092	52.838	ug/l	100
41) Methacrylonitrile	5.02	41	253409	56.546	ug/l	99
42) 1,2-Dichloroethane	6.18	62	412451	54.067	ug/l	99
43) Isopropyl Acetate	6.43	43	749642	56.083	ug/l	99
44) Trichloroethene	7.20	130	327511	52.689	ug/l	100
45) 1,2-Dichloropropane	7.50	63	316740	54.912	ug/l	99
46) Dibromomethane	7.65	93	202655	53.140	ug/l	99
47) Bromodichloromethane	7.89	83	415738	57.883	ug/l	98
48) Methyl methacrylate	7.76	41	365376	55.823	ug/l	99
49) 1,4-Dioxane	7.73	88	129173	969.774	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2297028	273.633	ug/l	100
52) Toluene	8.78	92	749553	52.695	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	460863	58.519	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	515322	58.734	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	312882	54.882	ug/l	99
56) Ethyl methacrylate	9.17	69	508495	56.781	ug/l	100
57) 1,3-Dichloropropane	9.36	76	523037	54.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1017458	300.221	ug/l	99
59) 2-Hexanone	9.48	43	1827280	270.402	ug/l	99
60) Dibromochloromethane	9.57	129	338274	59.693	ug/l	100
61) 1,2-Dibromoethane	9.67	107	320253	54.903	ug/l	100
64) Tetrachloroethene	9.33	164	325844	51.662	ug/l	97
65) Chlorobenzene	10.13	112	817544	53.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	312643	57.775	ug/l	98
67) Ethyl Benzene	10.25	91	1449546	55.632	ug/l	99
68) m/p-Xylenes	10.36	106	1108729	110.636	ug/l	99
69) o-Xylene	10.69	106	539492	54.890	ug/l	100
70) Styrene	10.71	104	926502	55.747	ug/l	99
71) Bromoform	10.85	173	264392	60.782	ug/l #	99
73) Isopropylbenzene	11.01	105	1427833	56.433	ug/l	99
74) N-amyl acetate	10.89	43	660911	55.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	478521	54.552	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	394721m	50.595	ug/l	
77) Bromobenzene	11.25	156	372469	53.505	ug/l	98
78) n-propylbenzene	11.35	91	1637763	57.708	ug/l	100
79) 2-Chlorotoluene	11.42	91	951702	55.166	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1208057	56.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	171674	62.110	ug/l	98
82) 4-Chlorotoluene	11.51	91	1102101	55.074	ug/l	100
83) tert-Butylbenzene	11.76	119	1166662	56.300	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1213075	56.886	ug/l	99
85) sec-Butylbenzene	11.94	105	1419756	58.036	ug/l	100
86) p-Isopropyltoluene	12.06	119	1298596	58.032	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	660672	54.151	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	662214	53.381	ug/l	99
89) n-Butylbenzene	12.39	91	1143450	59.885	ug/l	100
90) Hexachloroethane	12.59	117	235263	58.532	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	659113	53.666	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102031	52.562	ug/l	97

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ClientSampleId :
VSTDCCC050

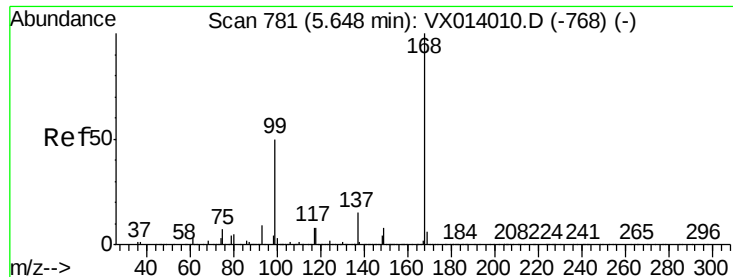
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	463257	58.033	ug/l	98
94) Hexachlorobutadiene	13.78	225	226030	58.917	ug/l	97
95) Naphthalene	13.83	128	1402532	59.801	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	462800	58.731	ug/l	98

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



#1

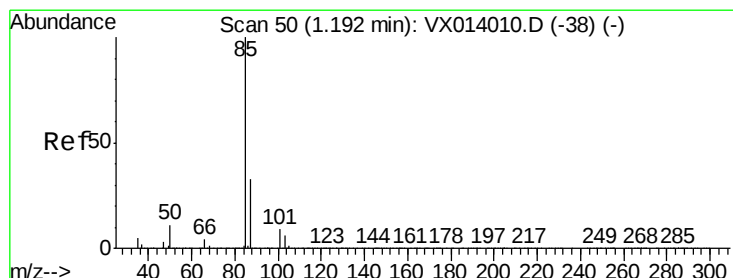
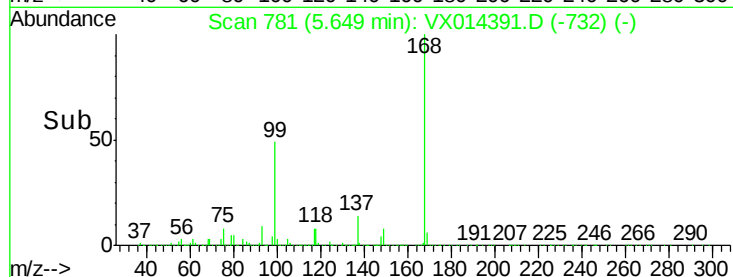
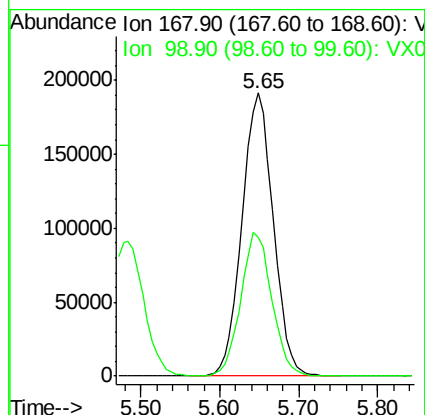
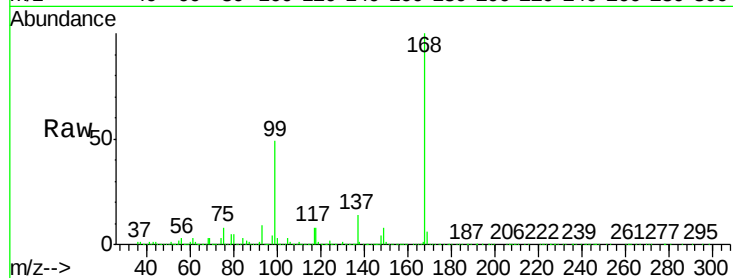
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	529169		
99	48.8	40.3	60.5	

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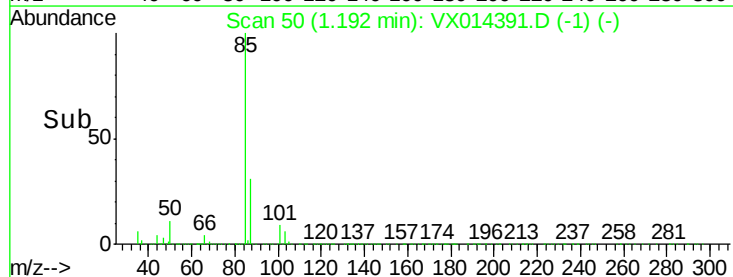
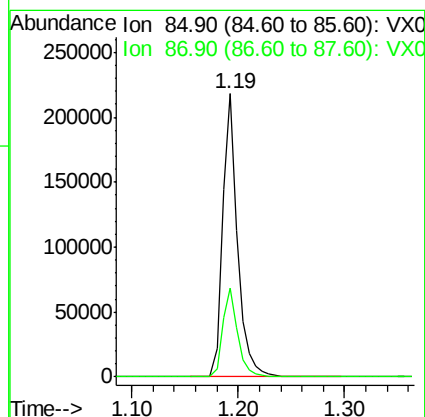
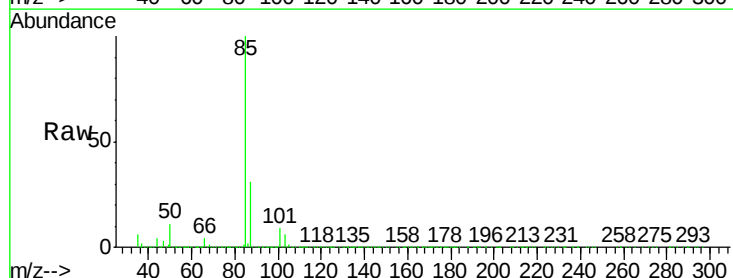
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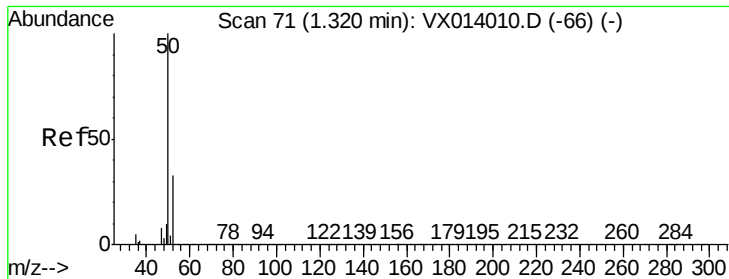


#2

Dichlorodifluoromethane
Concen: 44.676 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	211503		
87	31.3	16.4	49.2	





#3

Chloromethane

Concen: 44.803 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 284647

Ion Ratio Lower Upper

50 100

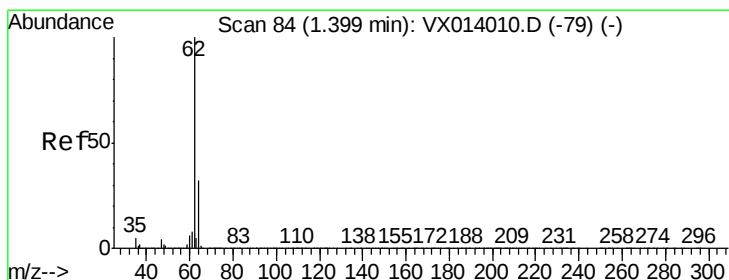
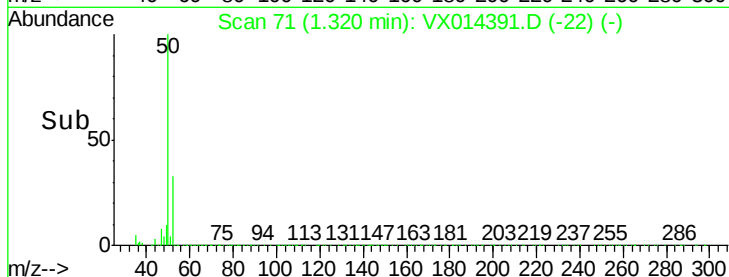
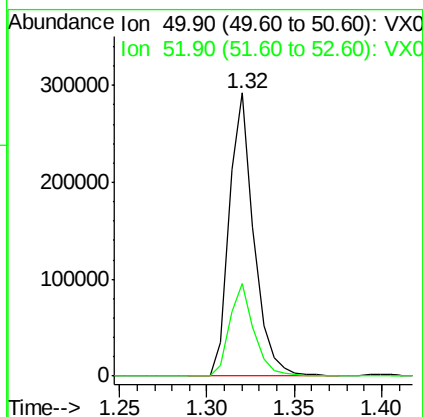
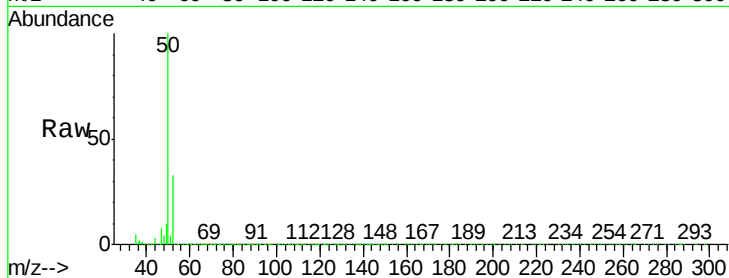
52 32.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 46.754 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014391.D

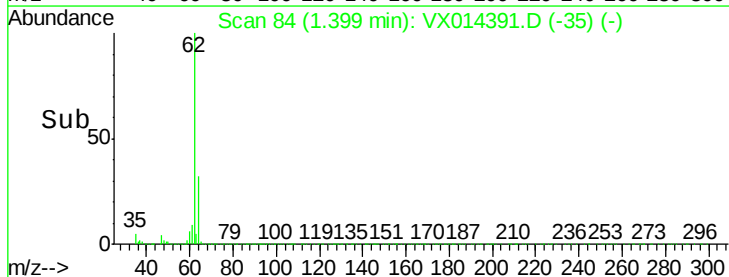
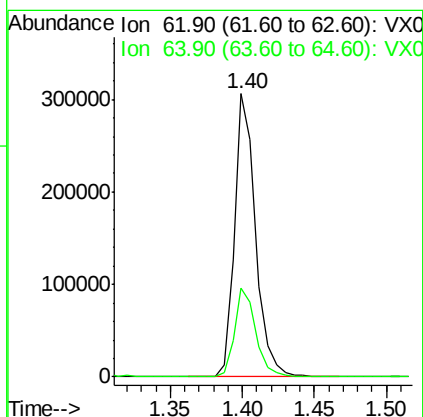
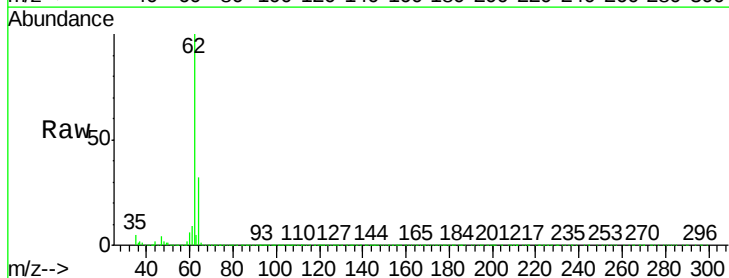
Acq: 03 Jan 2020 11:01

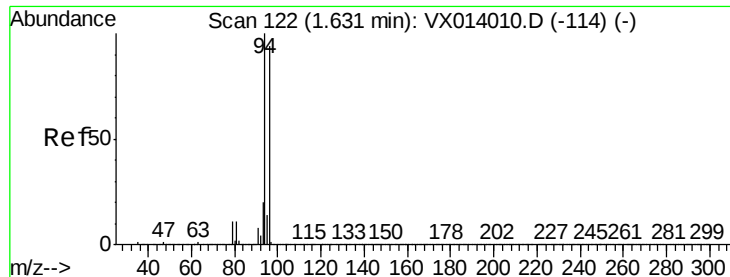
Tgt Ion: 62 Resp: 313432

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 51.091 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 243095

Ion Ratio Lower Upper

94 100

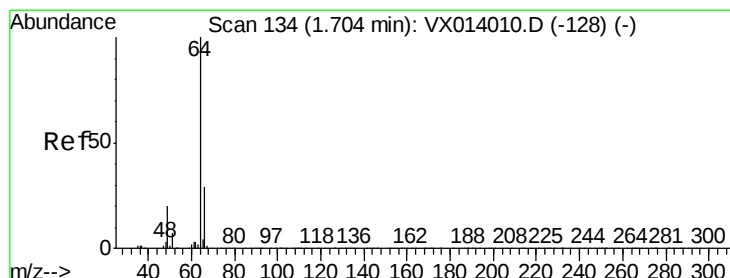
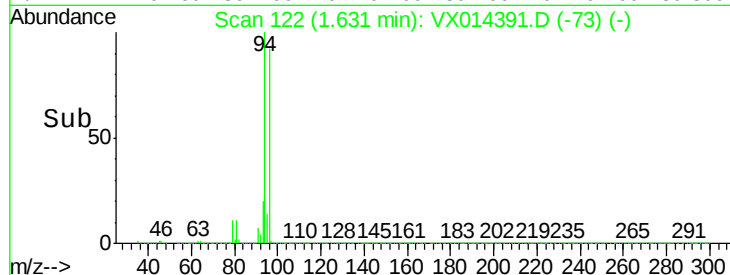
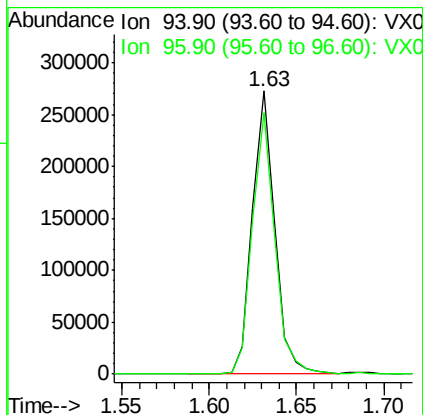
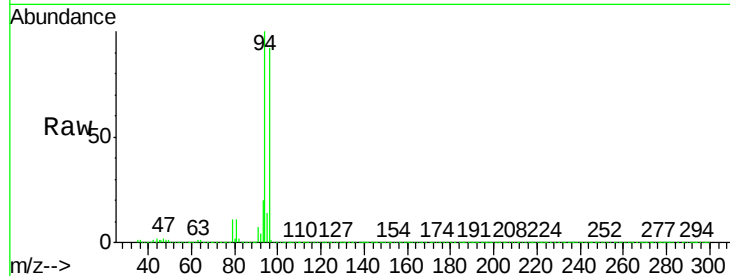
96 92.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 49.423 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014391.D

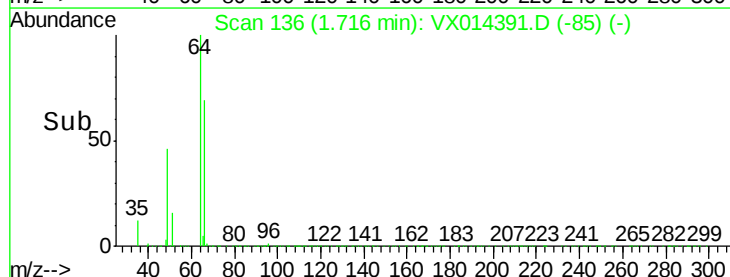
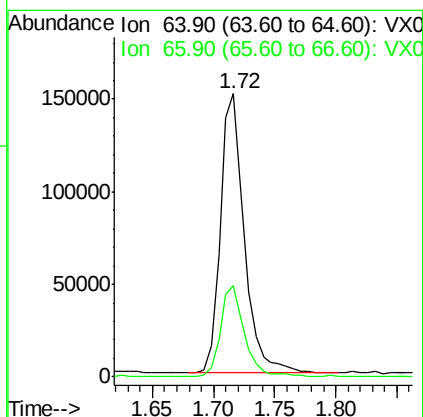
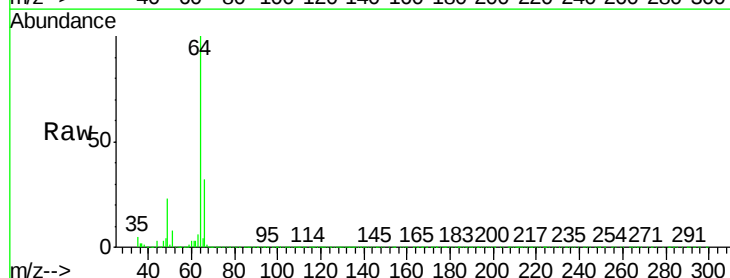
Acq: 03 Jan 2020 11:01

Tgt Ion: 64 Resp: 204490

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.2





#7

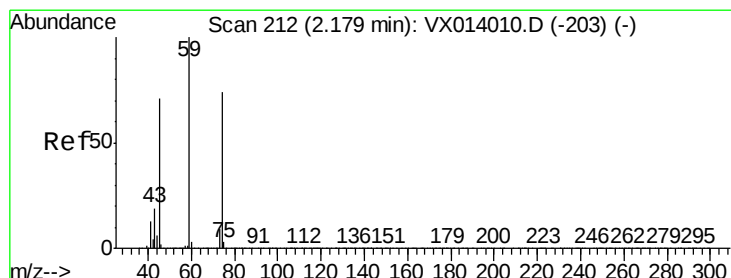
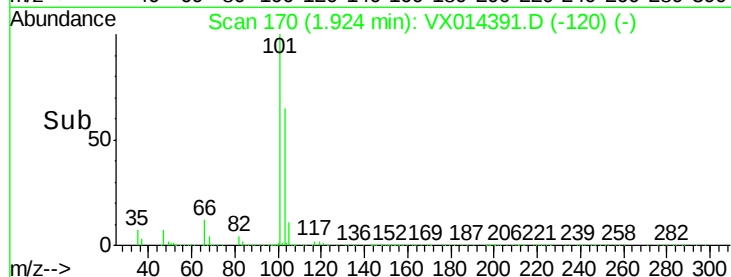
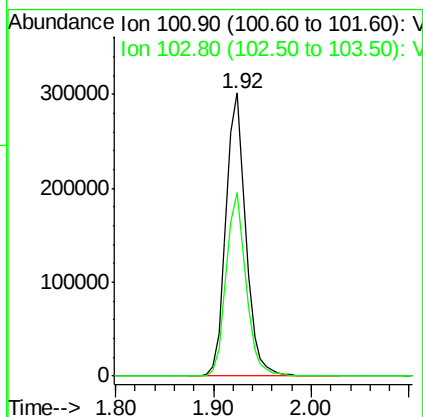
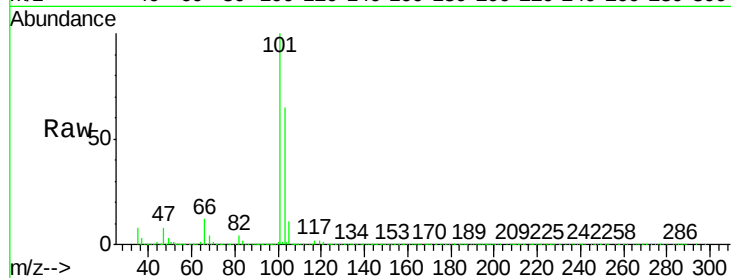
Trichlorofluoromethane
Concen: 51.561 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

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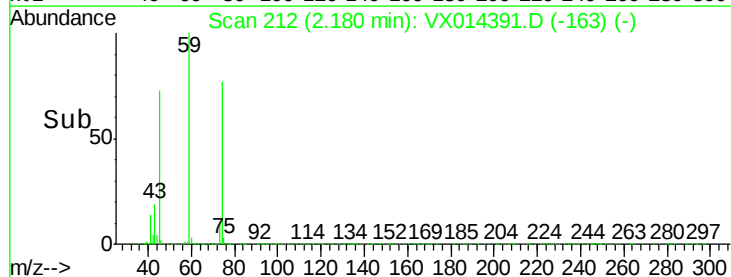
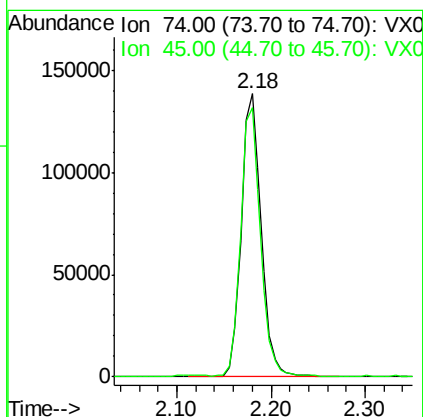
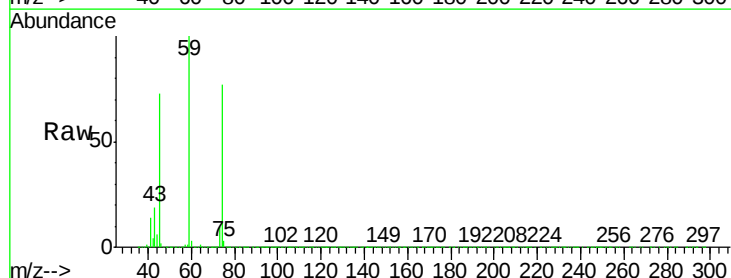
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#8

Diethyl Ether
Concen: 51.554 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.585 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

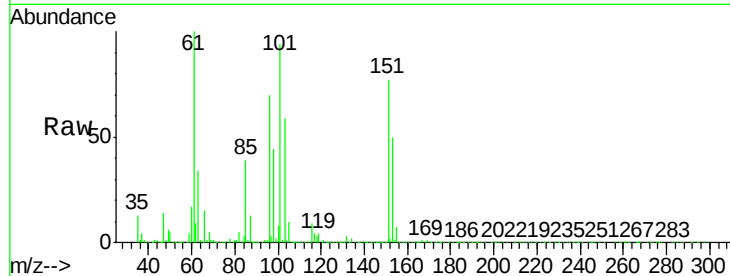
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	268055
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	81.7	64.5	96.7

Manual Integrations
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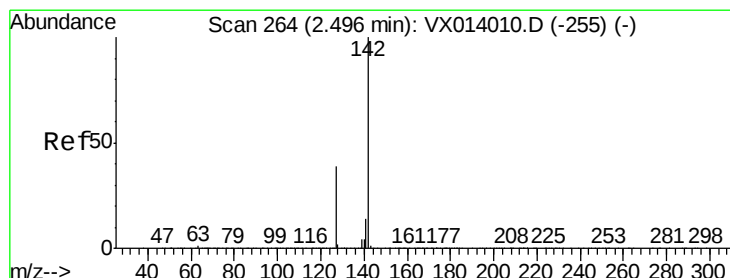
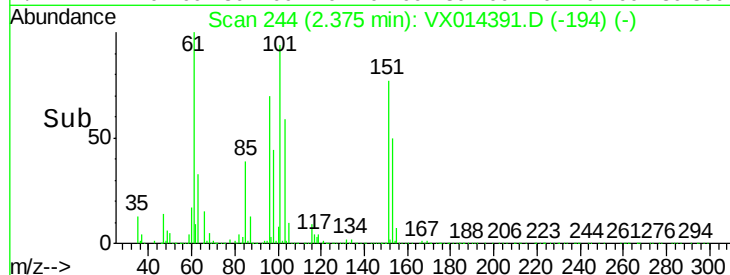
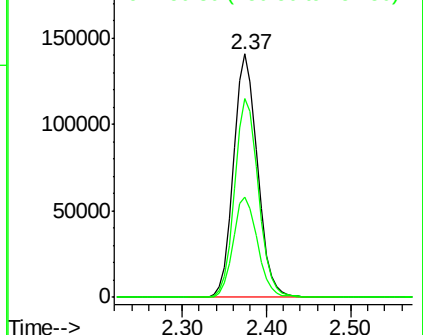
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.622 ug/l

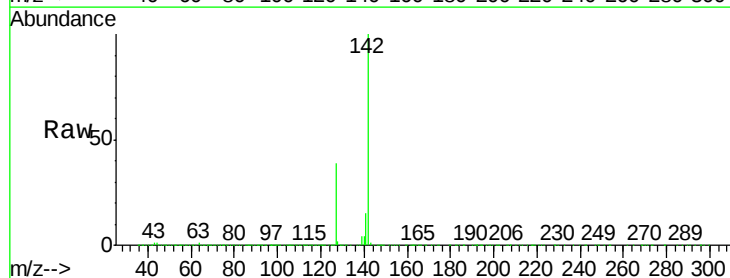
RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

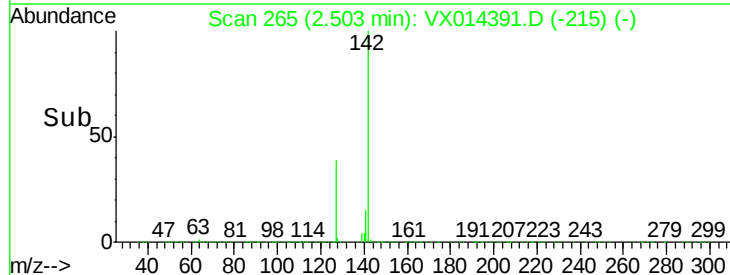
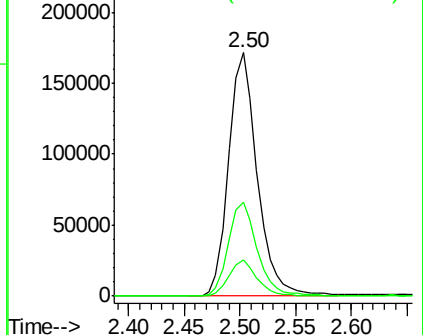
Tgt Ion:	142	Resp:	306335
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.6	47.4
141	14.6	11.6	17.4

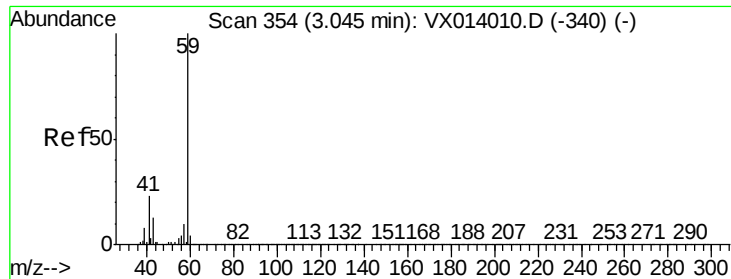


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

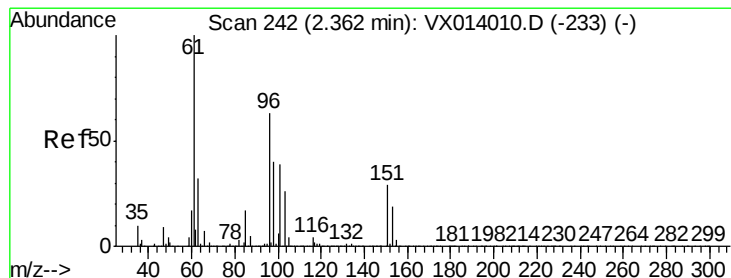
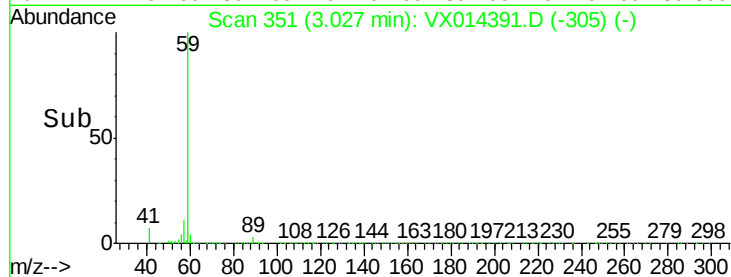
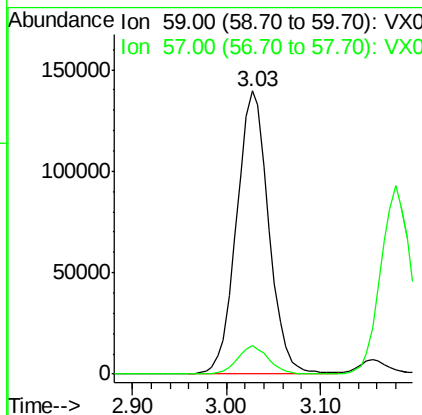
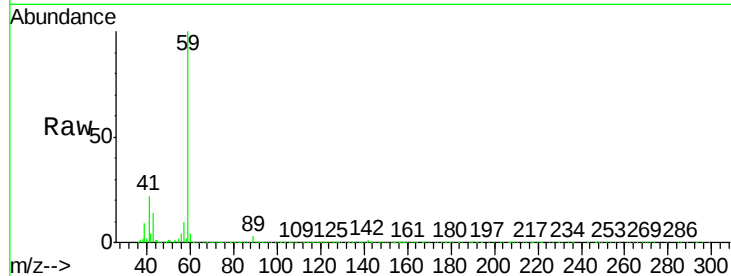
Tert butyl alcohol
 Concen: 255.862 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.4	12.6

Manual Integrations
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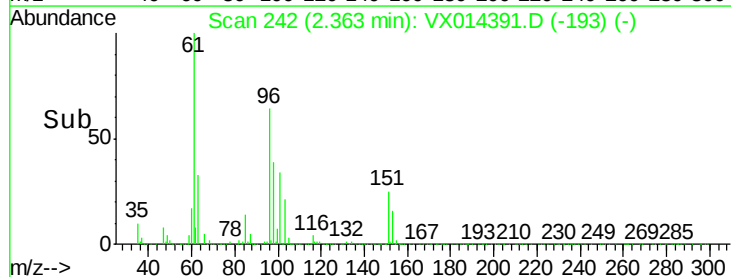
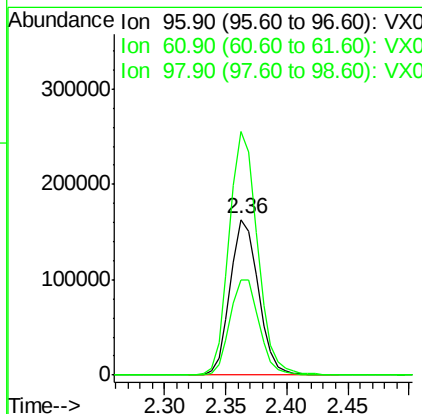
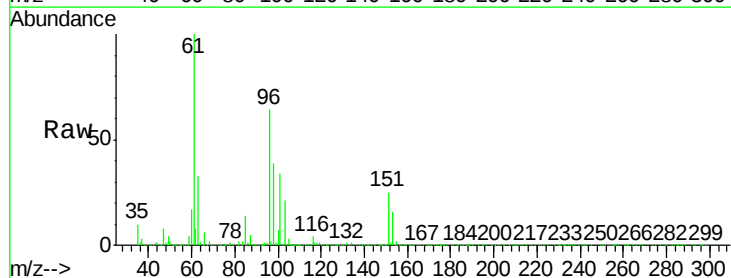
apatel
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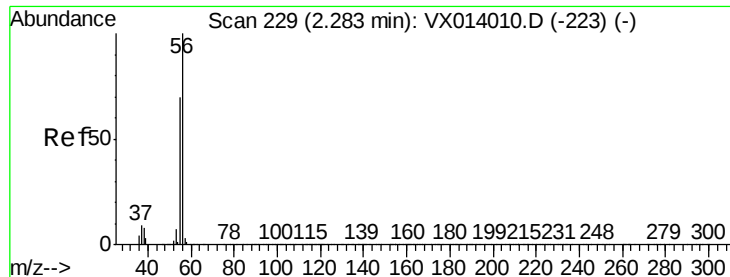


#12

1,1-Dichloroethene
 Concen: 50.958 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	127.9	191.9
98	61.2	50.5	75.7





#13

Acrolein

Concen: 297.235 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 220493

Ion Ratio Lower Upper

56 100

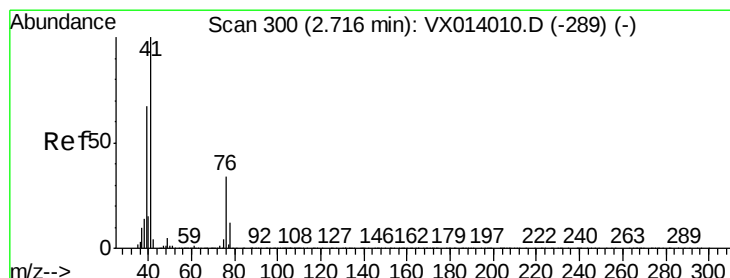
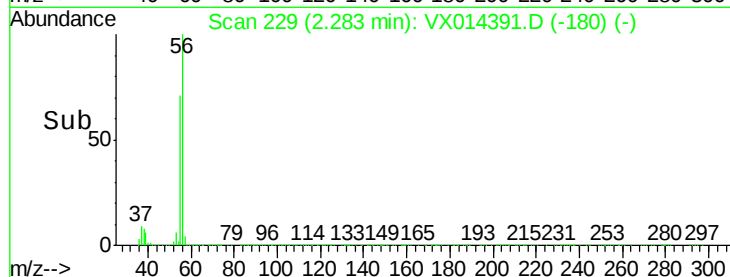
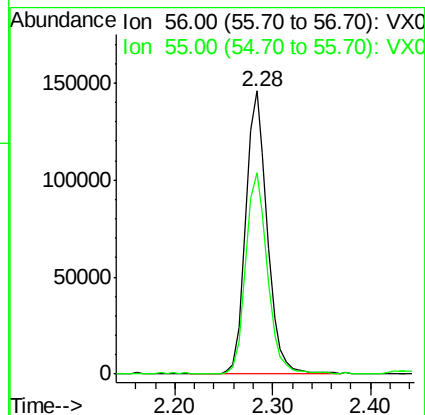
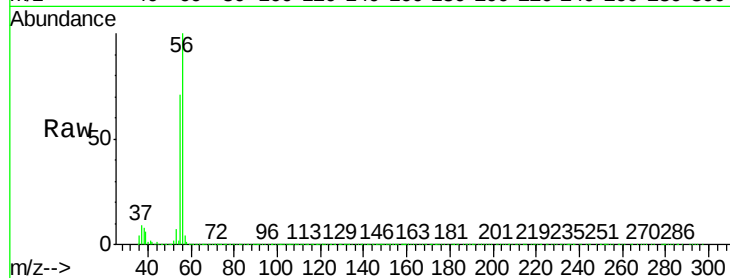
55 71.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.278 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

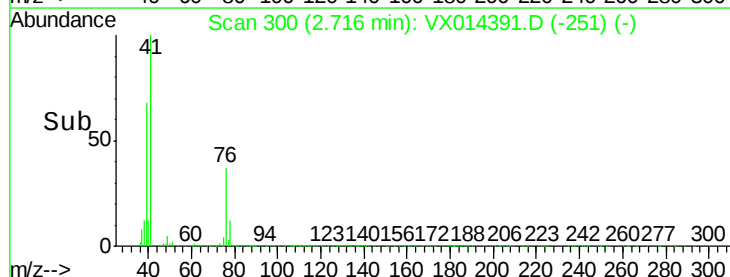
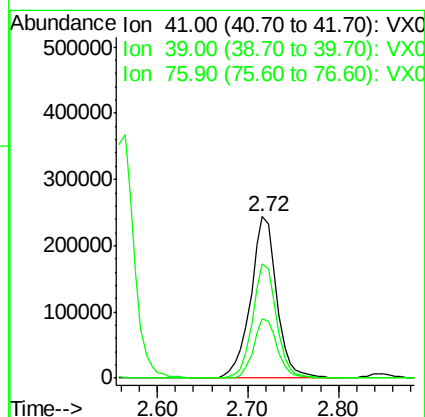
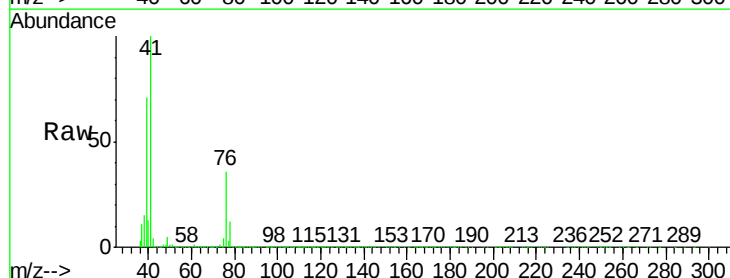
Tgt Ion: 41 Resp: 484216

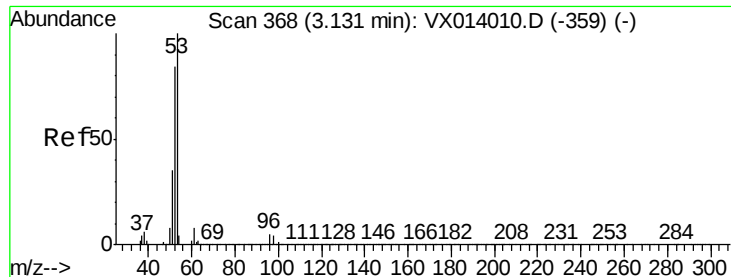
Ion Ratio Lower Upper

41 100

39 65.0 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 272.955 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

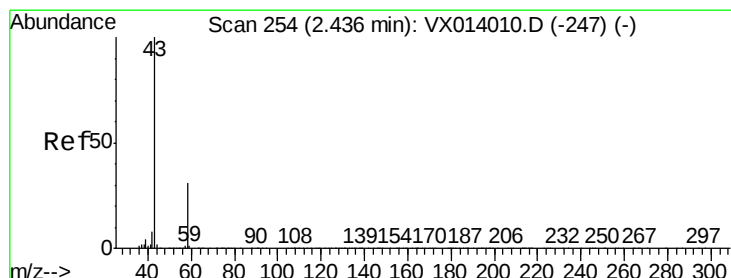
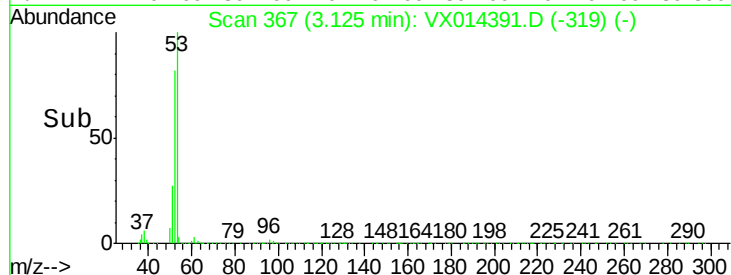
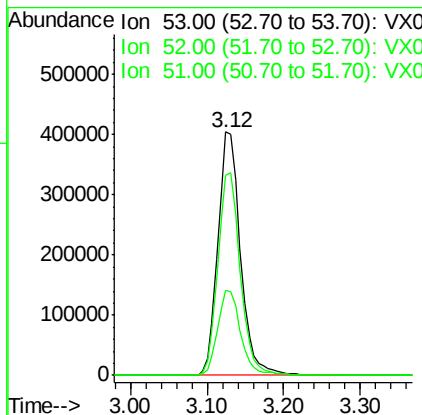
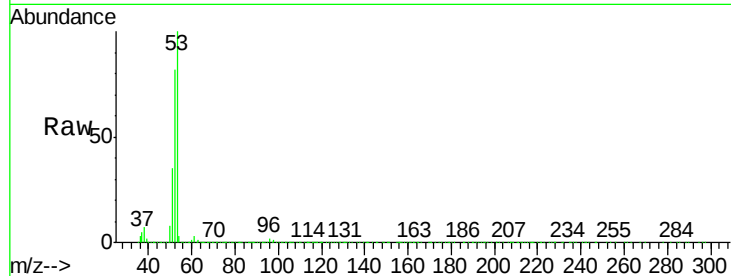
ClientSampled :

VSTDCCC050

Tgt Ion:	53	Resp:	825612
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.5	99.7
51	36.0	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 237.074 ug/l

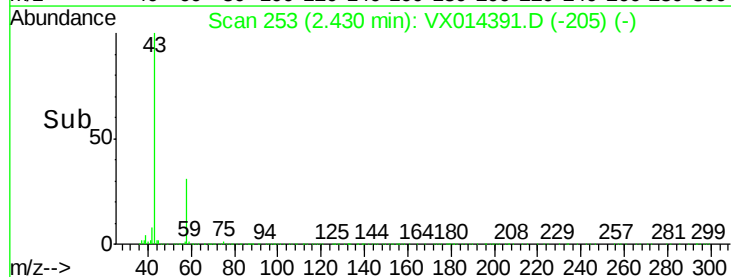
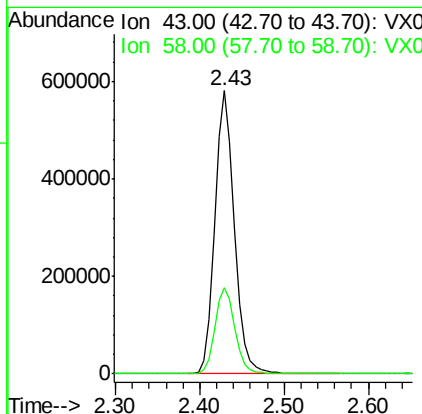
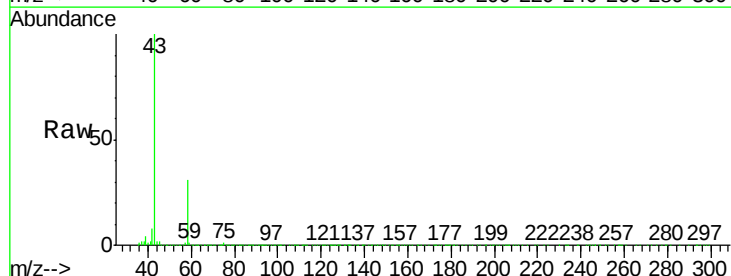
RT: 2.43 min Scan# 253

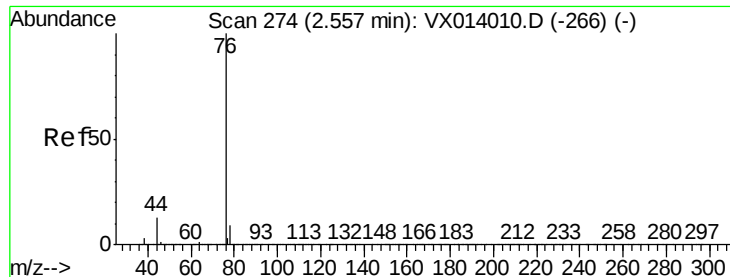
Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	43	Resp:	923070
Ion Ratio	Lower	Upper	
43	100		
58	30.6	24.9	37.3





#17

Carbon Disulfide

Concen: 43.963 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 619959

Ion Ratio Lower Upper

76 100

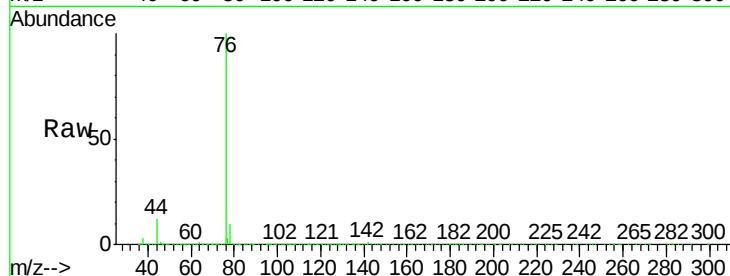
78 9.8 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

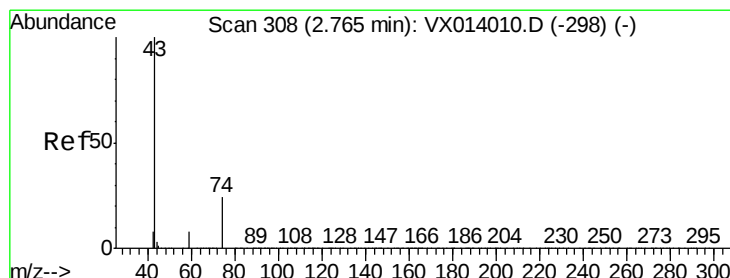
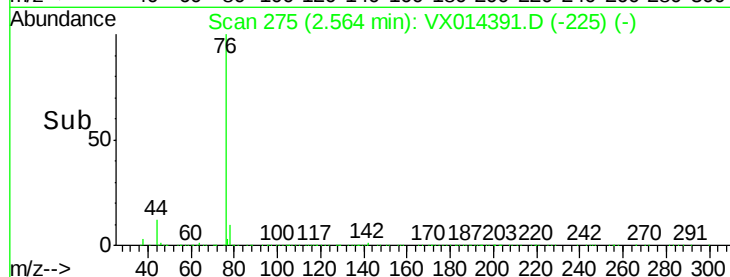
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.763 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014391.D

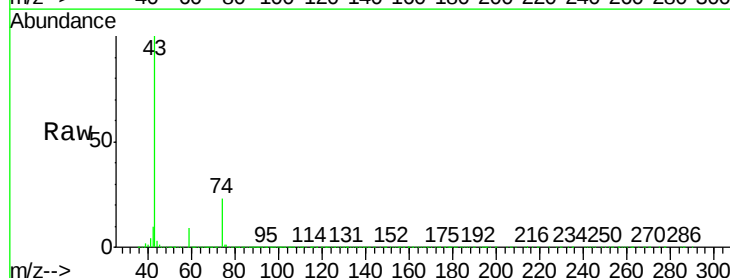
Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 422512

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

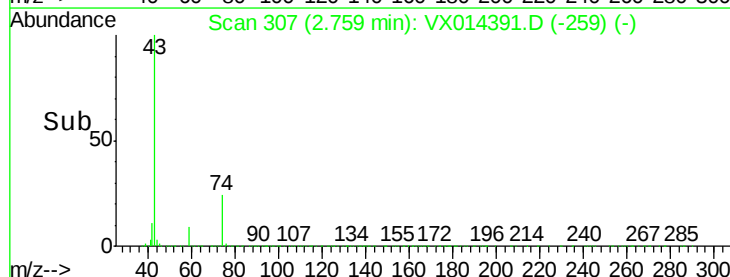
150000

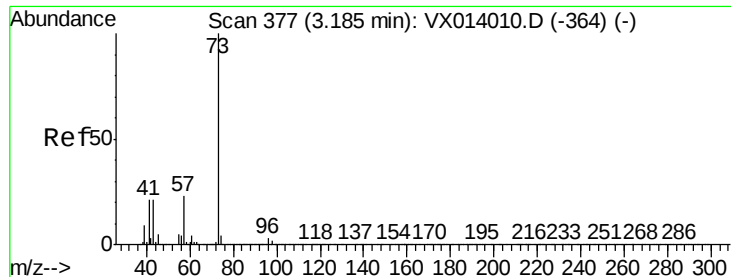
100000

50000

0

Time-->





#19

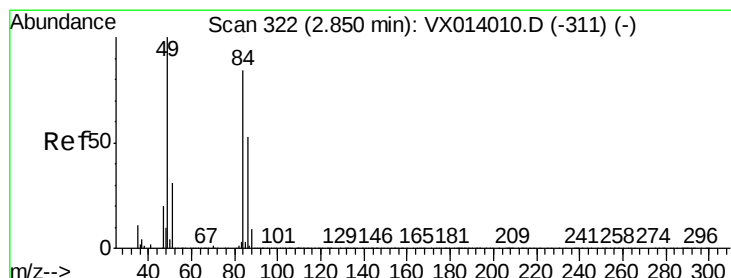
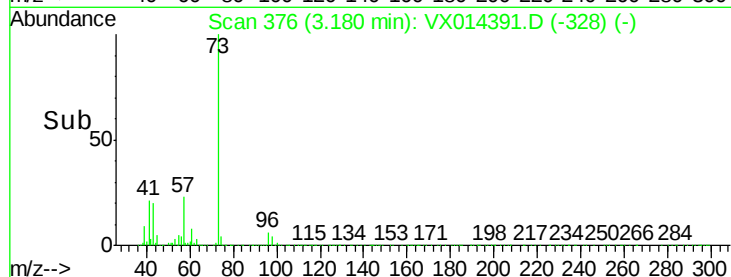
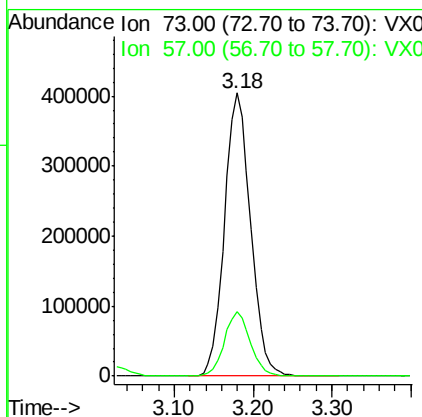
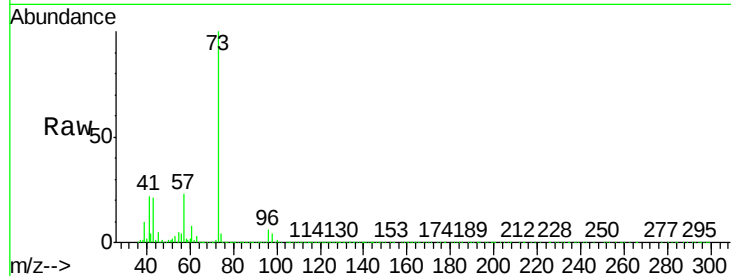
Methyl tert-butyl Ether
Concen: 55.478 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2

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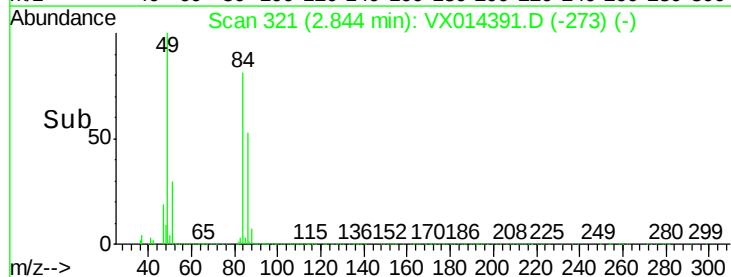
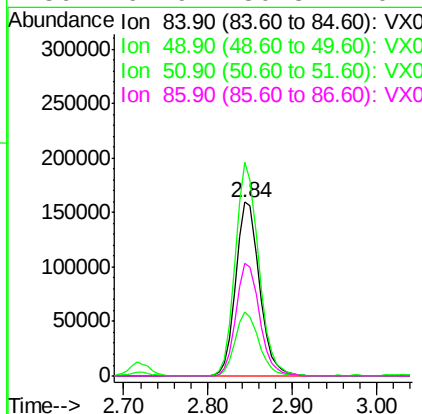
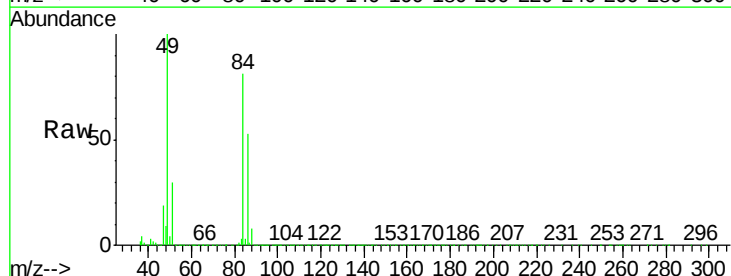
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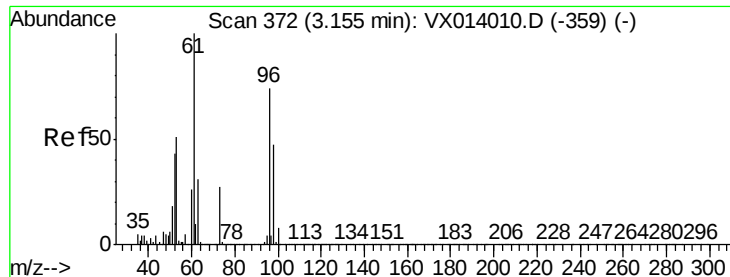


#20

Methylene Chloride
Concen: 49.686 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	95.8	143.6
51	36.9	29.8	44.8
86	64.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.574 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

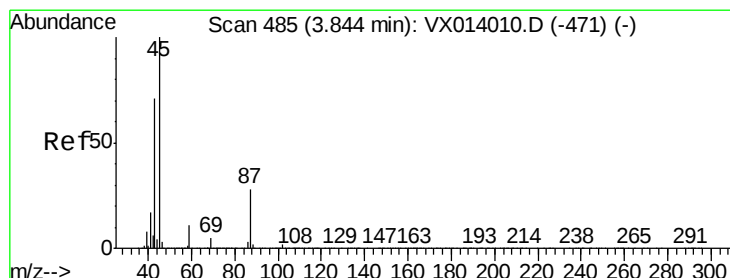
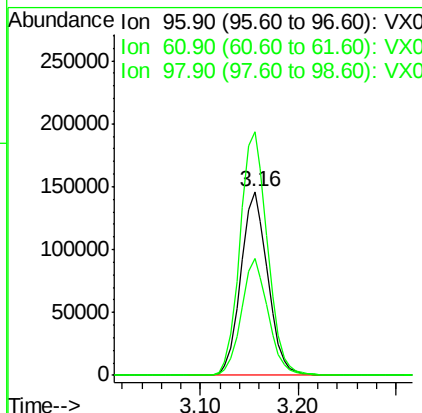
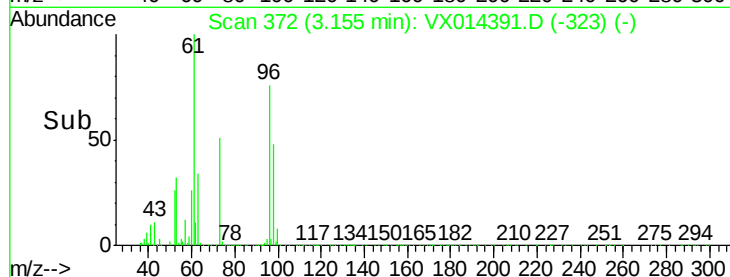
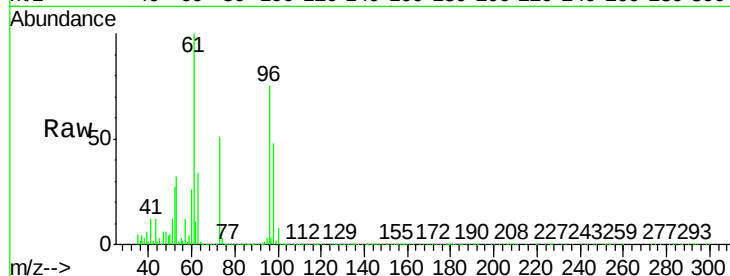
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	278003
Ion	Ratio	Lower	Upper
96	100		
61	132.6	108.3	162.5
98	64.0	50.8	76.2

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#22

Diisopropyl ether

Concen: 55.031 ug/l

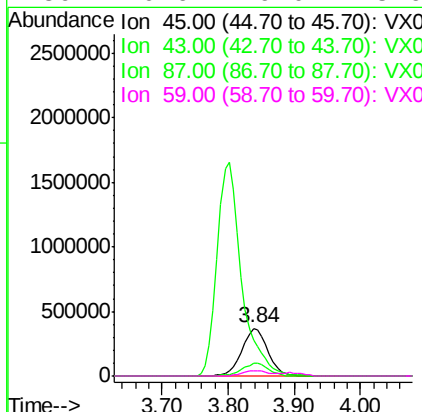
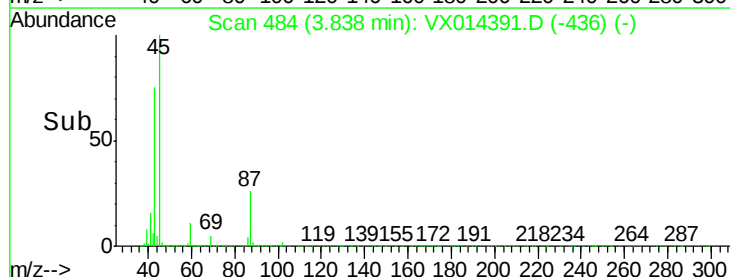
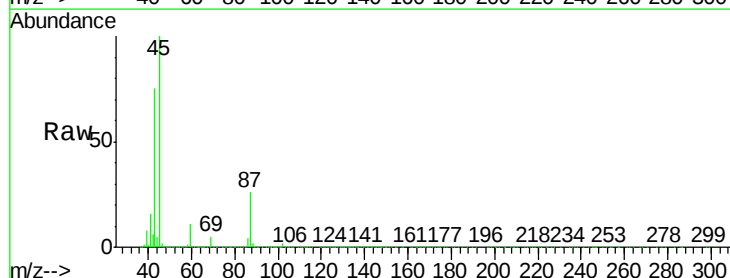
RT: 3.84 min Scan# 484

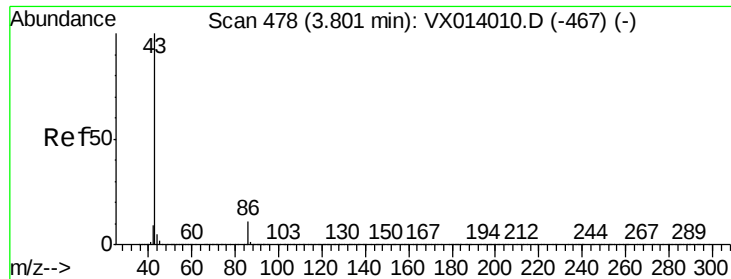
Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	45	Resp:	996671
Ion	Ratio	Lower	Upper
45	100		
43	75.0	57.4	86.0
87	26.1	21.9	32.9
59	10.6	9.0	13.6





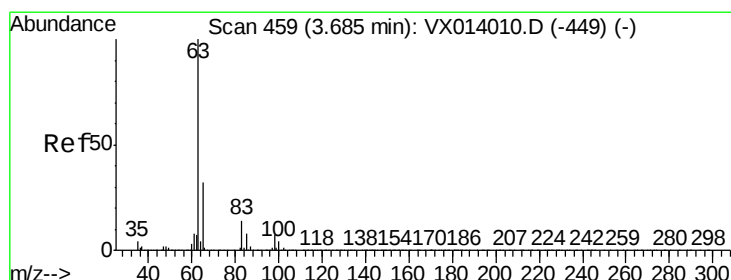
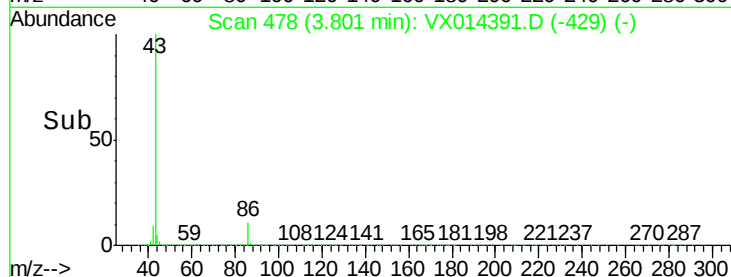
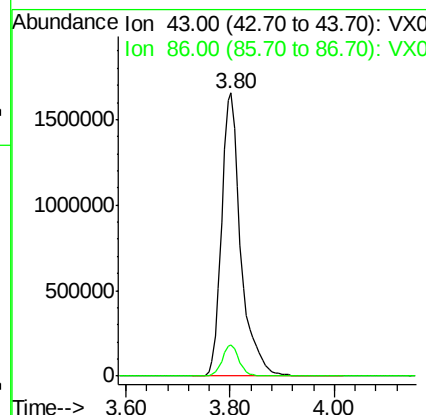
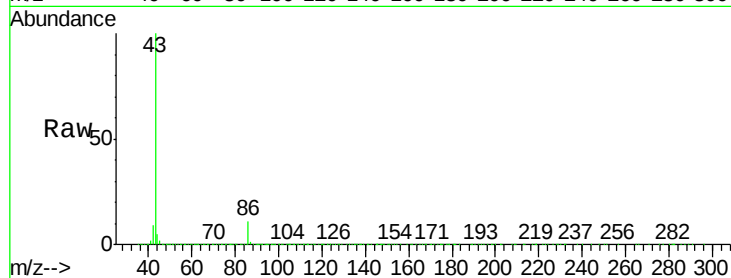
#23
 Vinyl Acetate
 Concen: 288.599 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 4265423
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

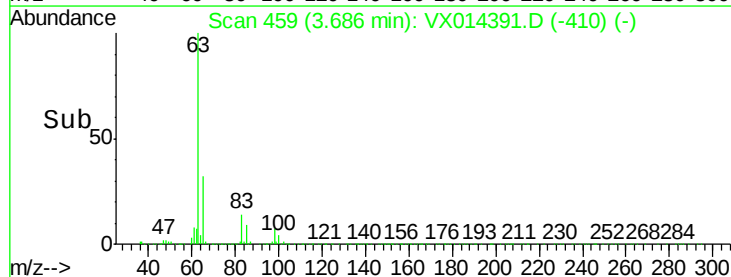
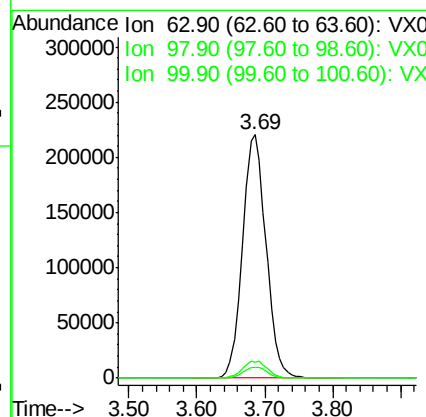
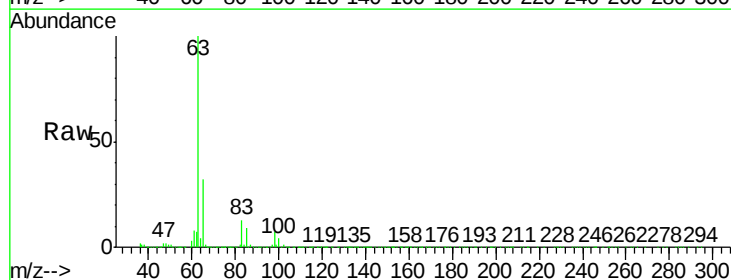
Manual Integrations
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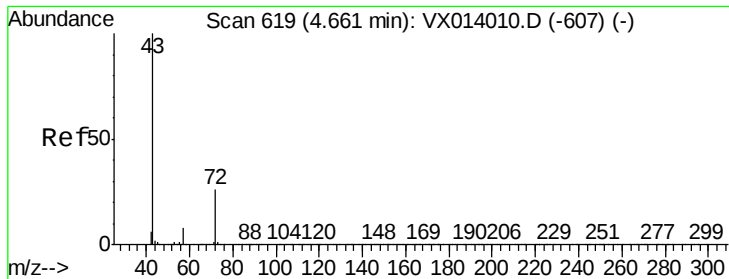
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#24
 1,1-Dichloroethane
 Concen: 52.440 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 63 Resp: 528403
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 263.208 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1263491

Ion Ratio Lower Upper

43 100

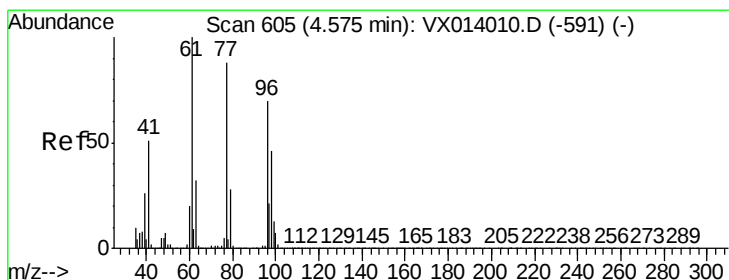
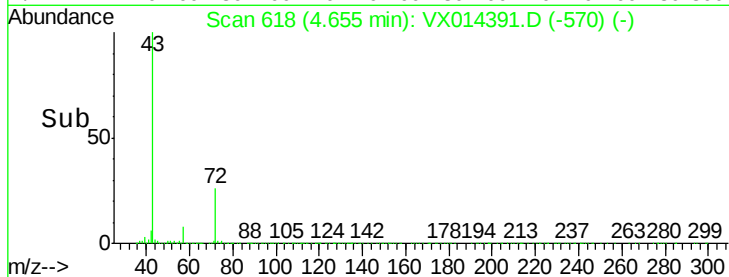
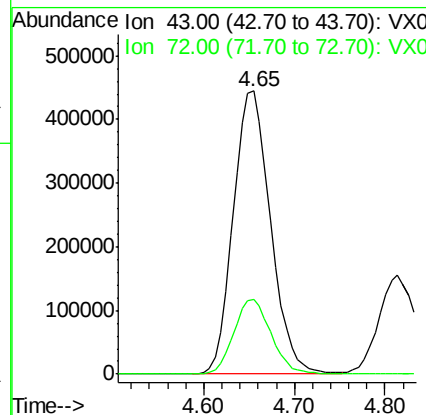
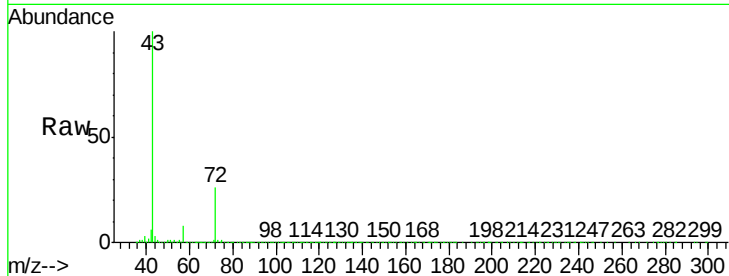
72 26.2 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.116 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014391.D

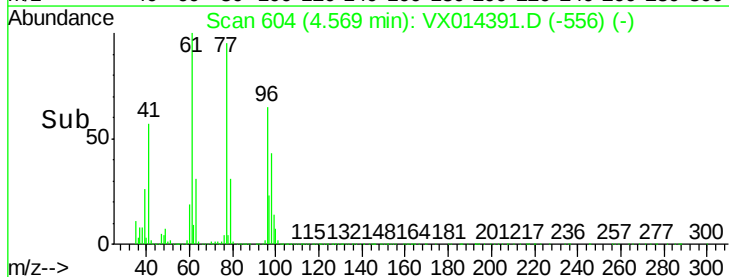
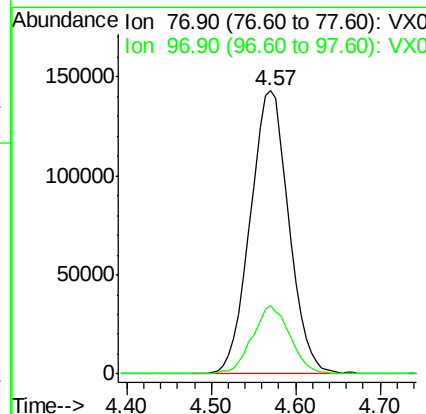
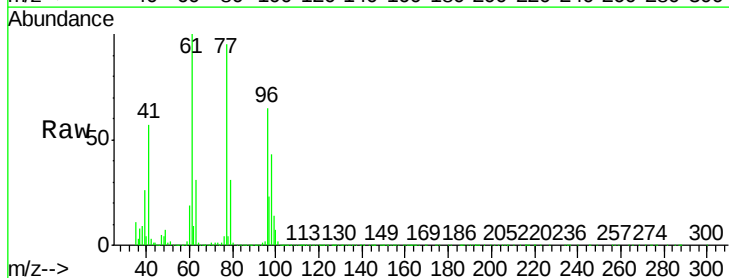
Acq: 03 Jan 2020 11:01

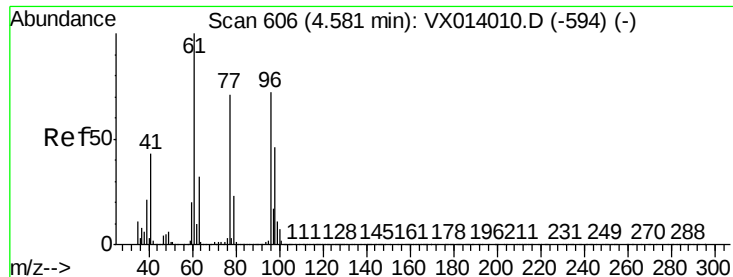
Tgt Ion: 77 Resp: 446840

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

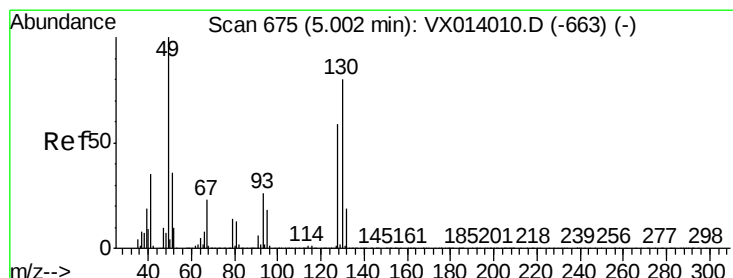
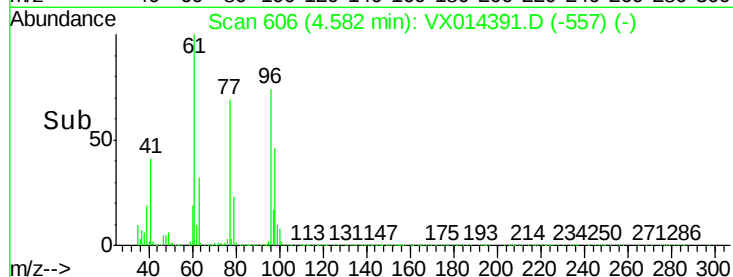
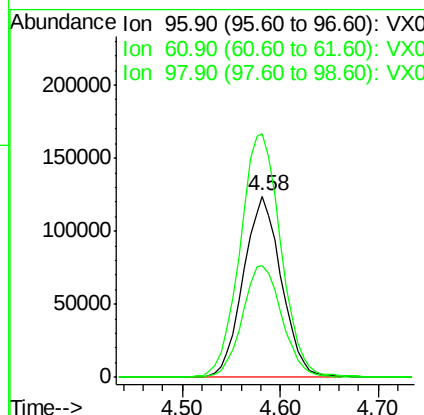
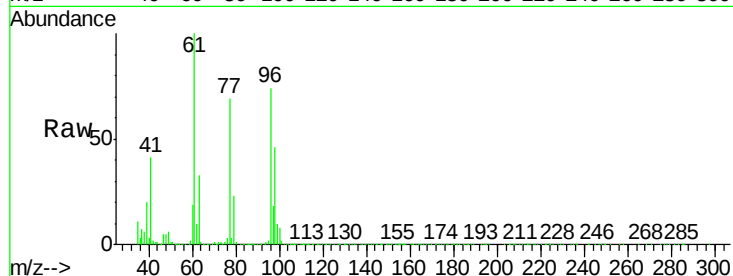
cis-1,2-Dichloroethene
Concen: 52.648 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	333906		
61	144.2	0.0	288.4	
98	64.7	0.0	129.6	

Manual Integrations
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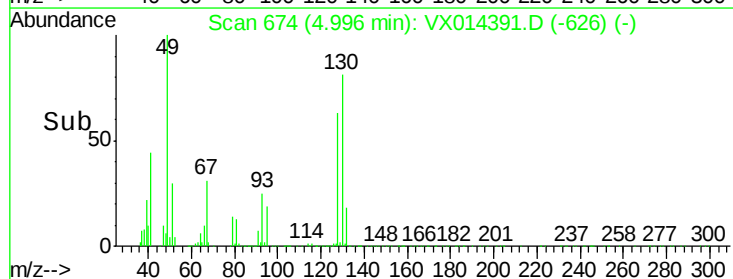
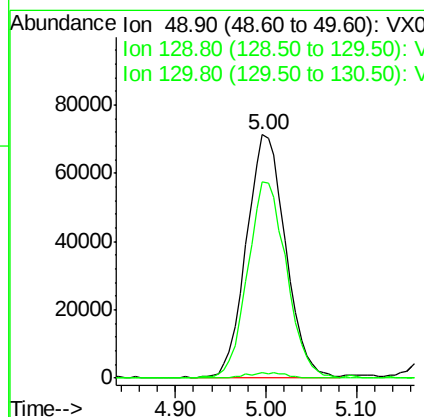
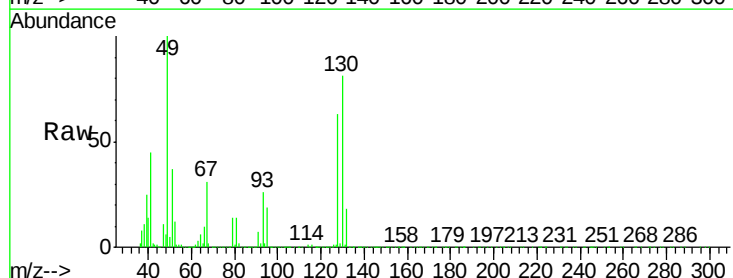
apatel
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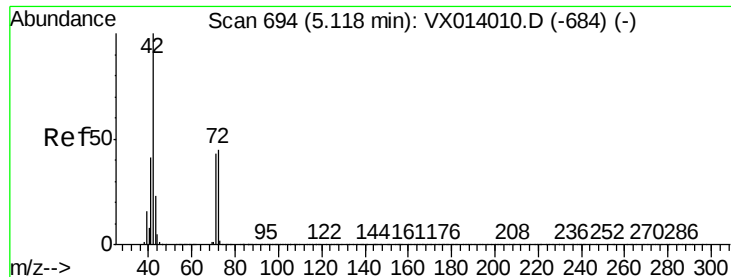


#28

Bromochloromethane
Concen: 54.767 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	212401		
129	1.3	0.0	5.0	
130	79.9	64.6	97.0	





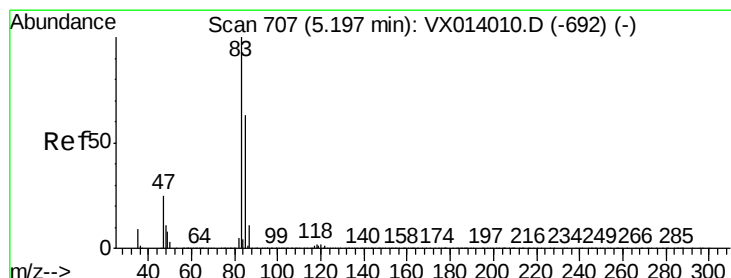
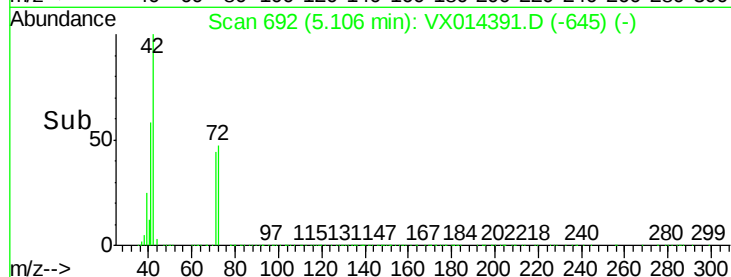
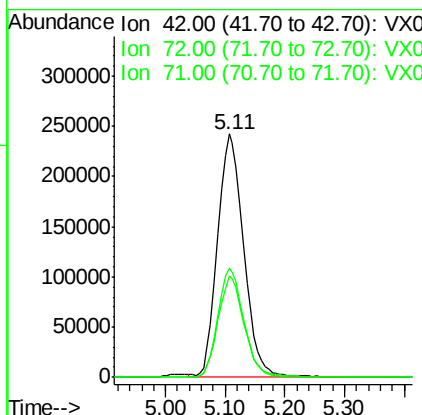
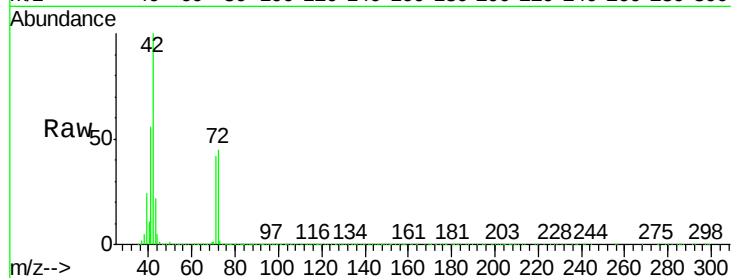
#29
Tetrahydrofuran
Concen: 273.154 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.8
71	41.2	33.6	50.4

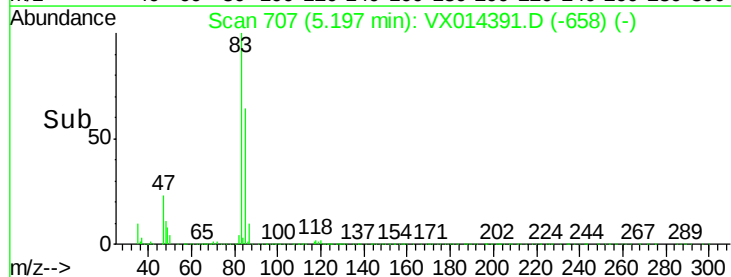
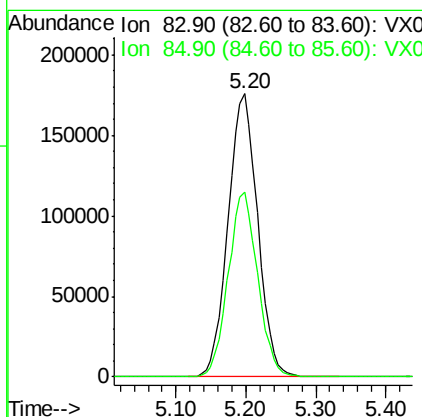
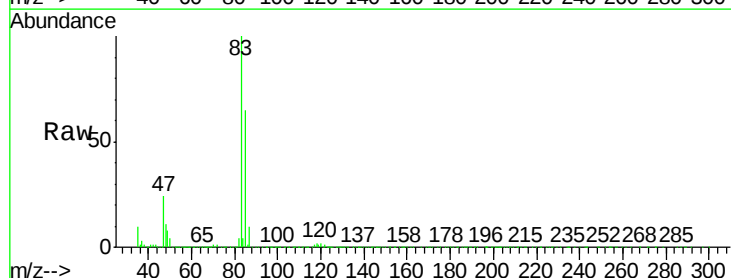
Manual Integrations
APPROVED

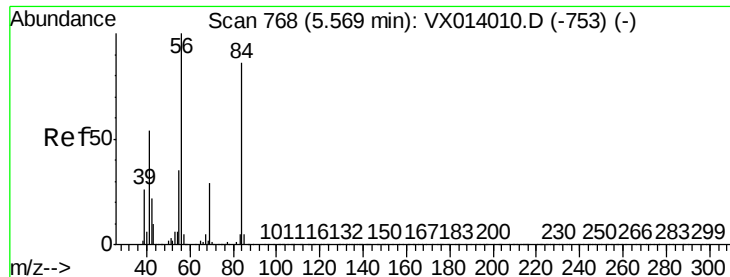
apatel
1/6/2020 10:41:36 AM



#30
Chloroform
Concen: 54.068 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.8	76.2





#31

Cyclohexane

Concen: 51.373 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

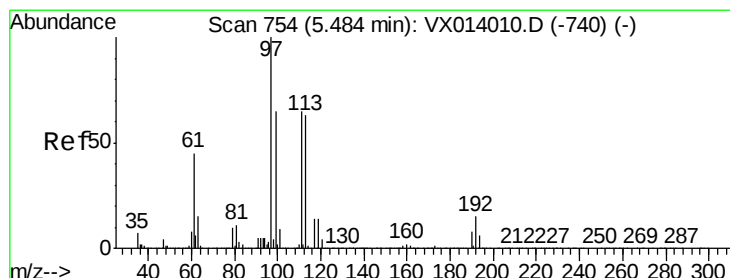
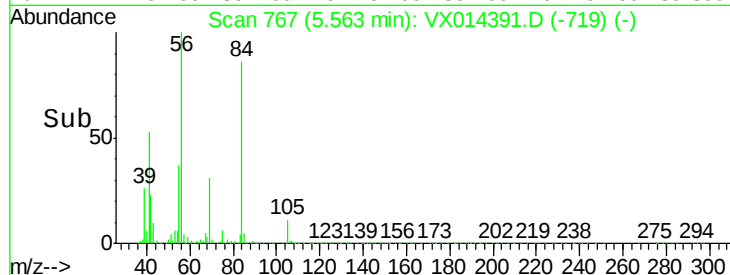
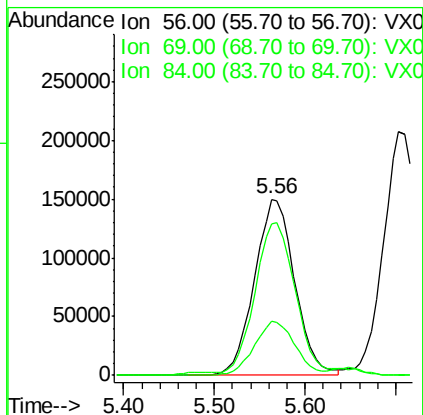
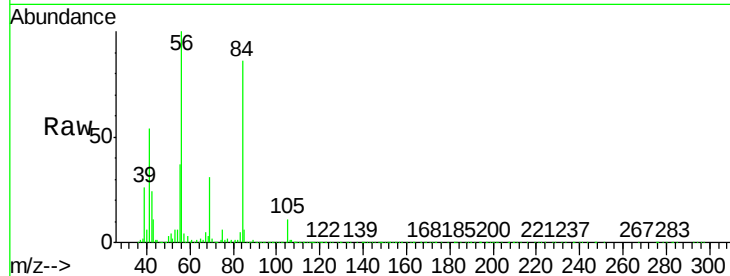
ClientSampled :

VSTDCCC050

Tgt Ion:	56	Resp:	460402
Ion Ratio		Lower	Upper
56	100		
69	30.4	23.2	34.8
84	84.1	69.2	103.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.285 ug/l

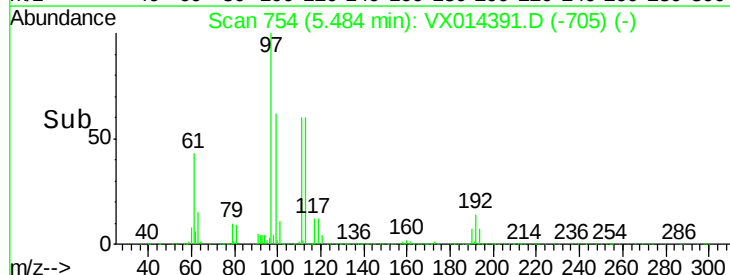
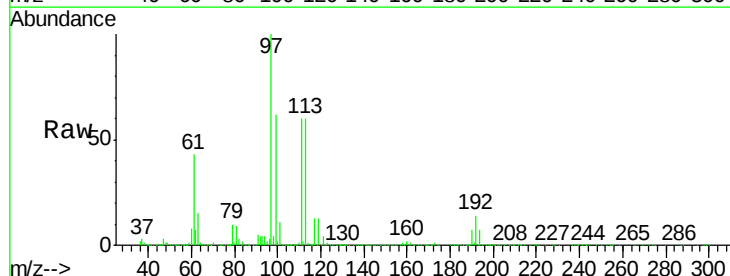
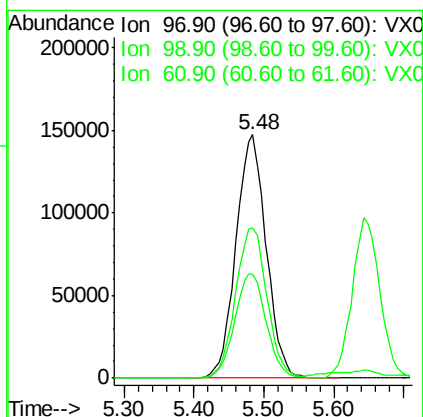
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	97	Resp:	441937
Ion Ratio		Lower	Upper
97	100		
99	63.9	52.0	78.0
61	44.5	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 49.493 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 296830
Ion Ratio Lower Upper

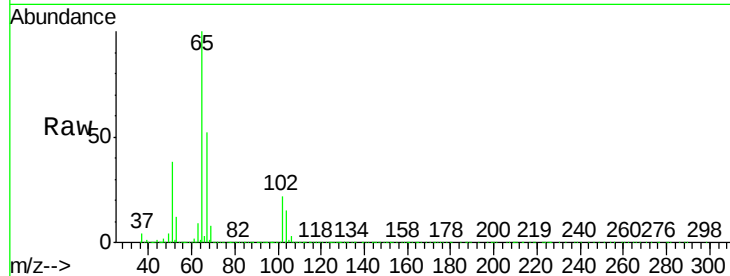
65 100

67 53.9 0.0 106.4

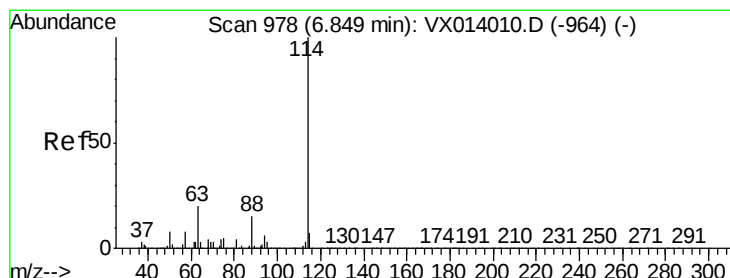
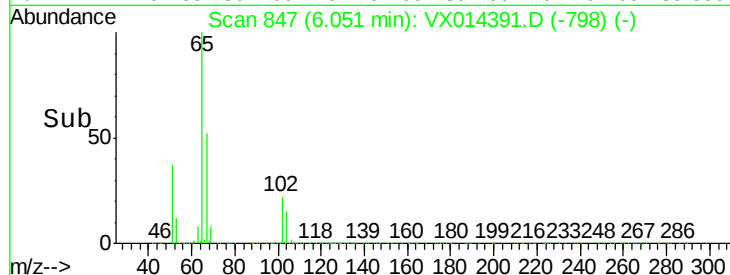
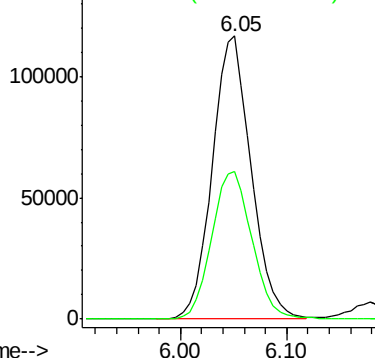
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Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014391.D

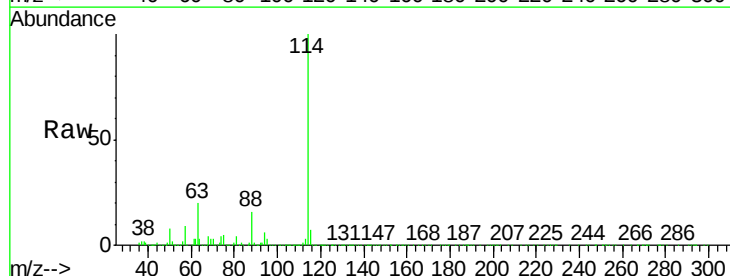
Acq: 03 Jan 2020 11:01

Tgt Ion: 114 Resp: 797127
Ion Ratio Lower Upper

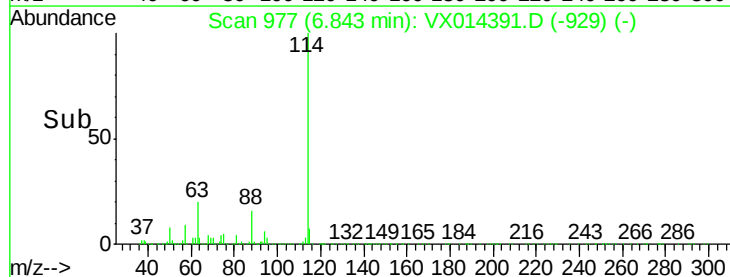
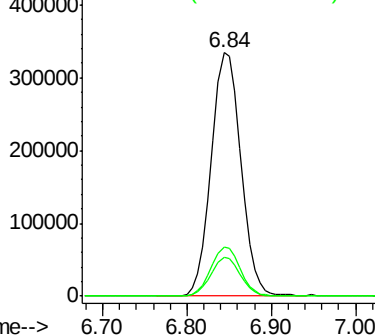
114 100

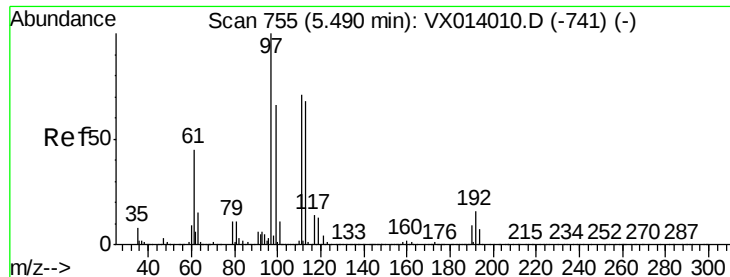
63 20.0 0.0 40.8

88 16.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0





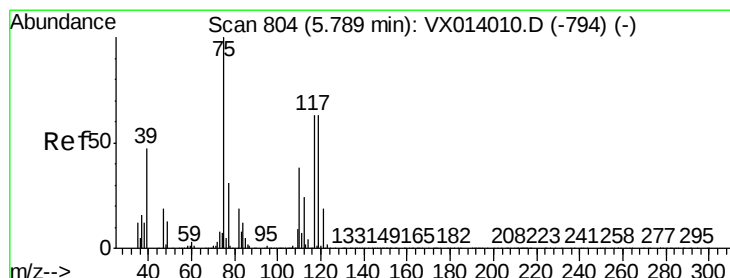
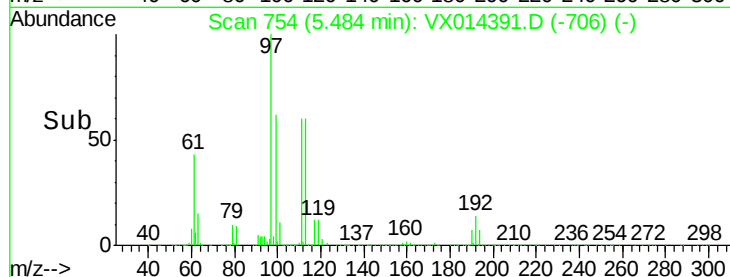
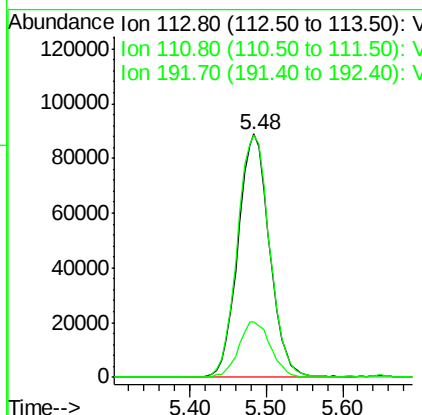
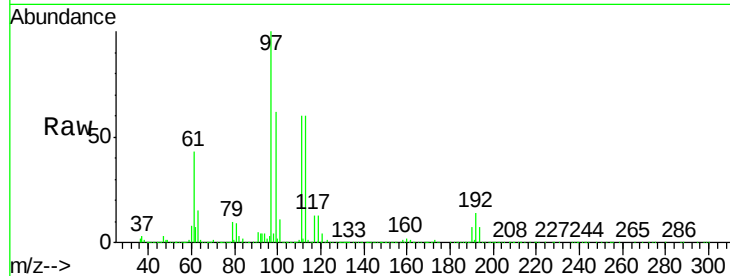
#35
 Dibromofluoromethane
 Concen: 52.356 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	253697		
111	102.5	82.0	123.0	
192	23.4	19.3	28.9	

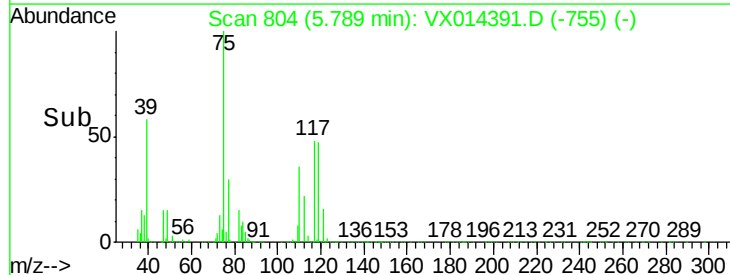
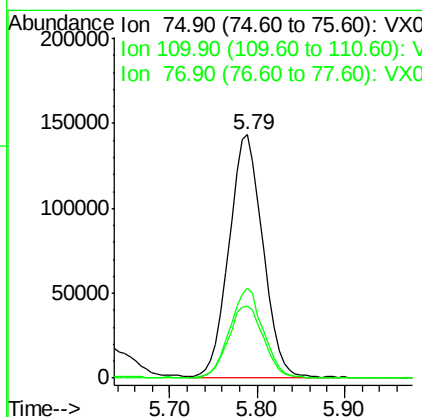
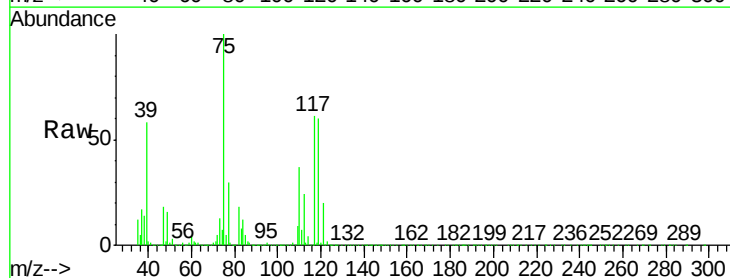
Manual Integrations
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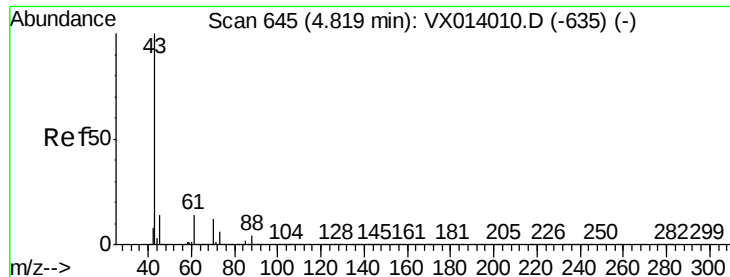
apatel
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#36
 1,1-Dichloropropene
 Concen: 52.649 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	385083		
110	36.3	18.3	54.9	
77	30.7	24.8	37.2	





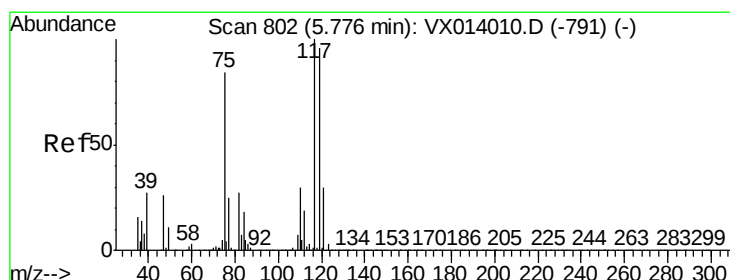
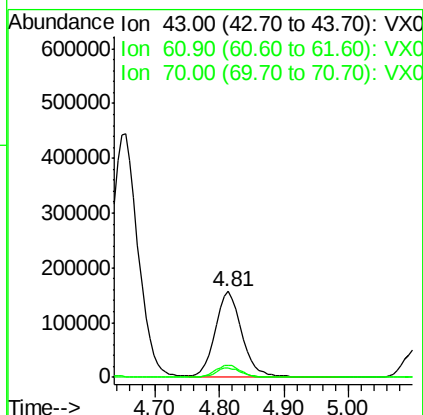
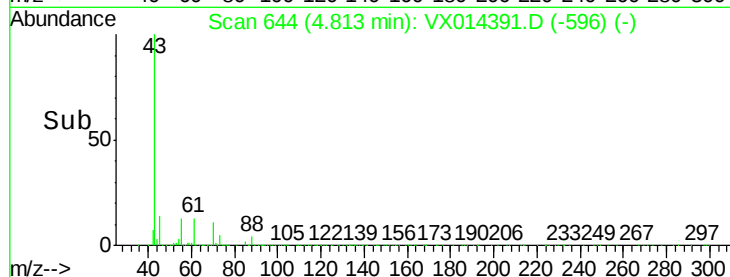
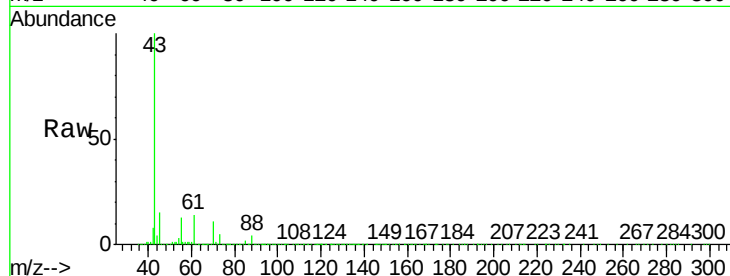
#37
Ethyl Acetate
Concen: 56.089 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	11.1	8.6	12.8

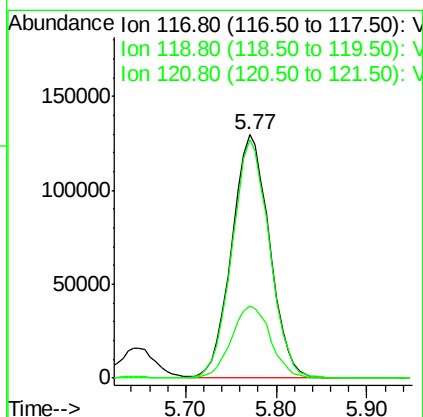
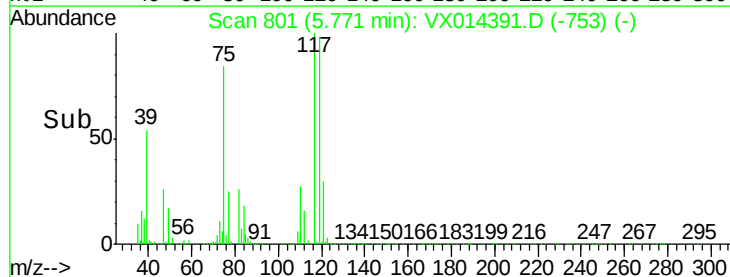
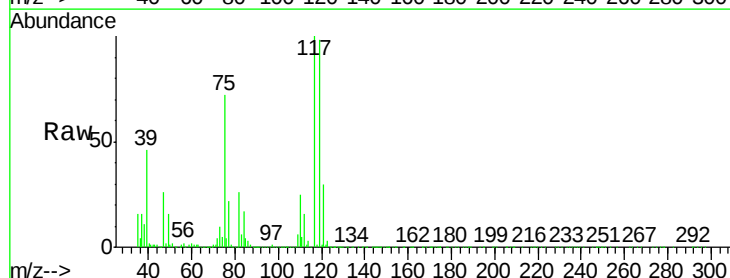
Manual Integrations
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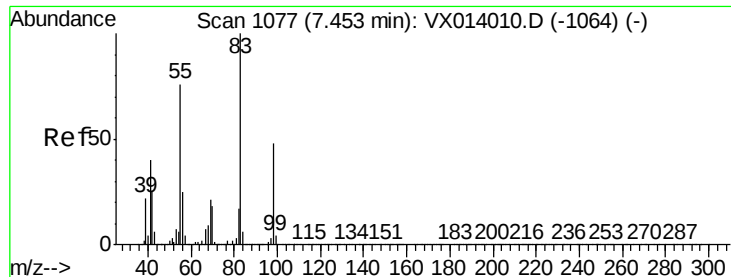
apatel
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#38
Carbon Tetrachloride
Concen: 56.280 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.2	114.4
121	29.7	23.6	35.4





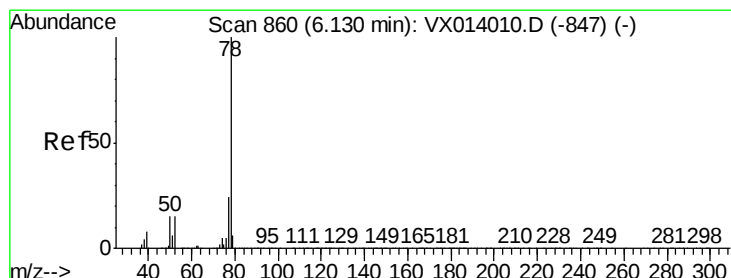
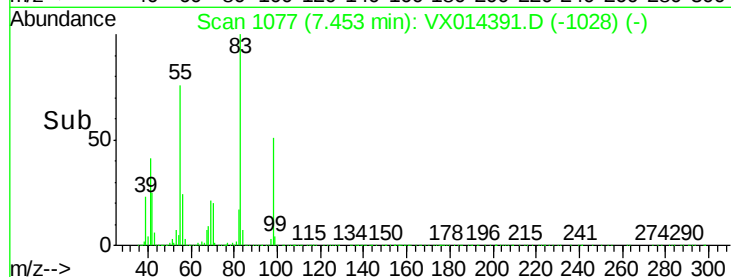
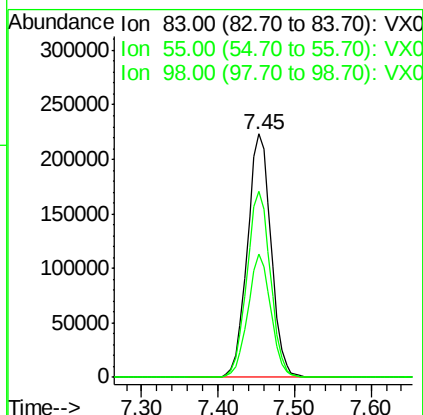
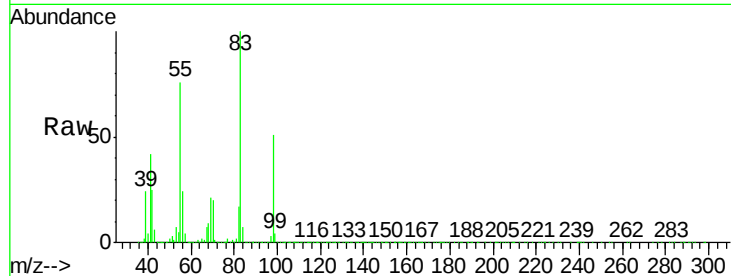
#39
Methylcyclohexane
Concen: 53.215 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	50.7	38.6	57.8

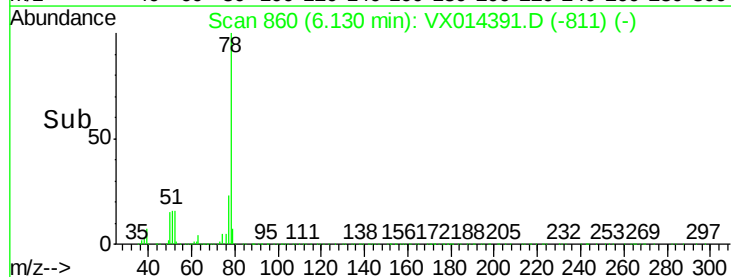
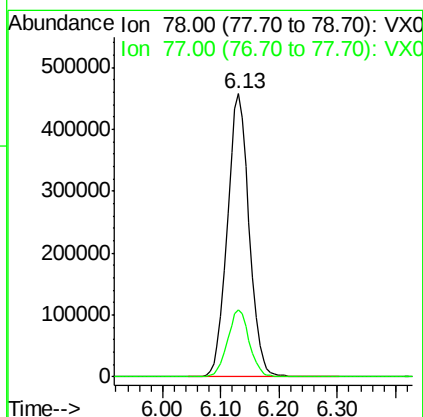
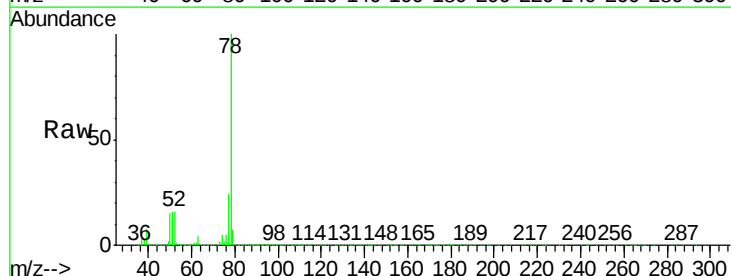
Manual Integrations
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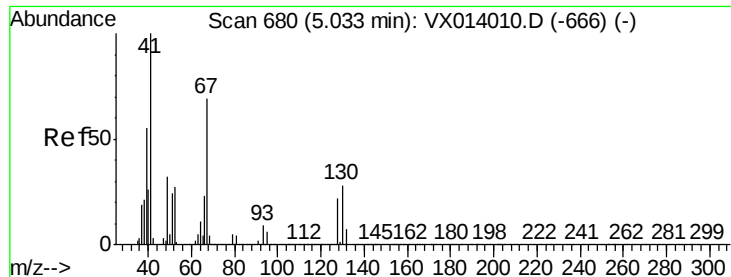
apatel
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#40
Benzene
Concen: 52.838 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





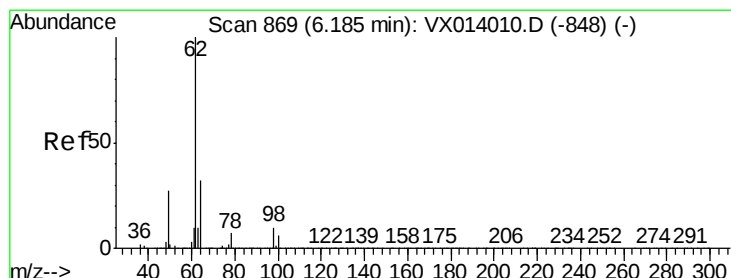
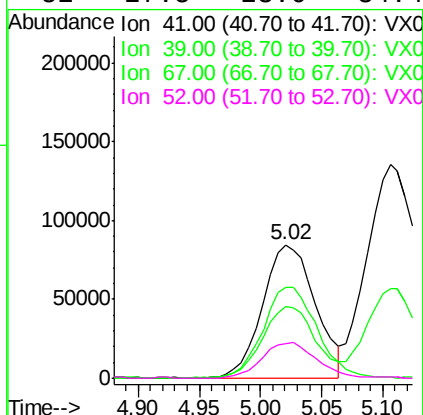
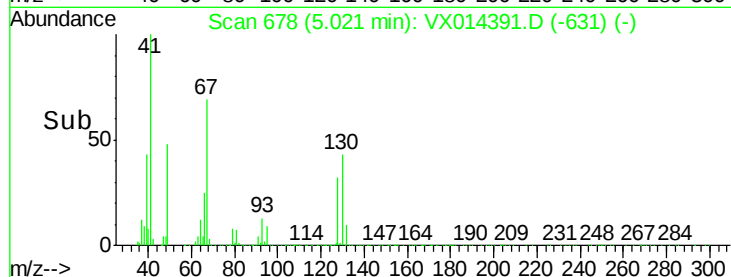
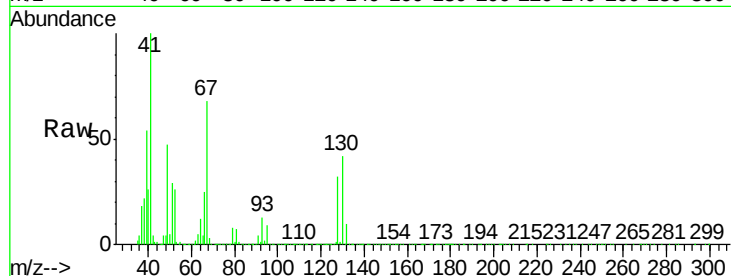
#41
Methacrylonitrile
Concen: 56.546 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.5	66.7	
67	70.0	57.4	86.0	
52	27.5	23.0	34.4	

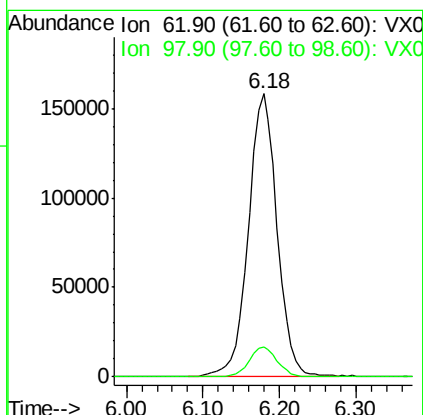
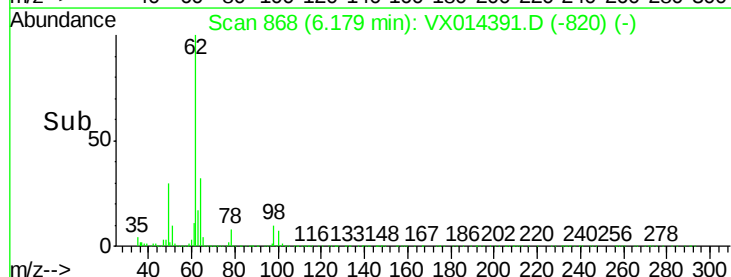
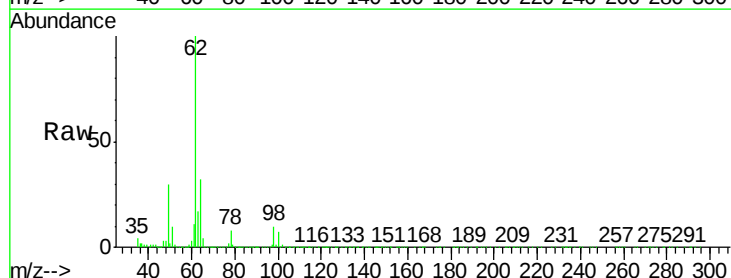
Manual Integrations
APPROVED

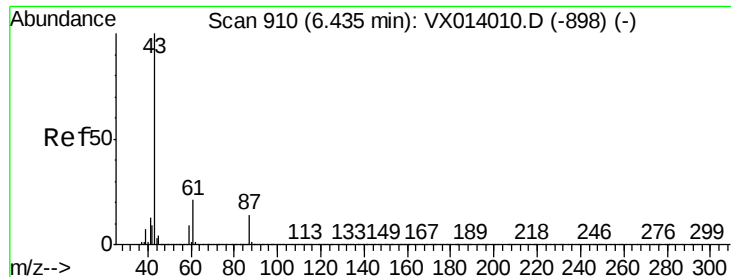
apatel
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#42
1,2-Dichloroethane
Concen: 54.067 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	21.0	





#43

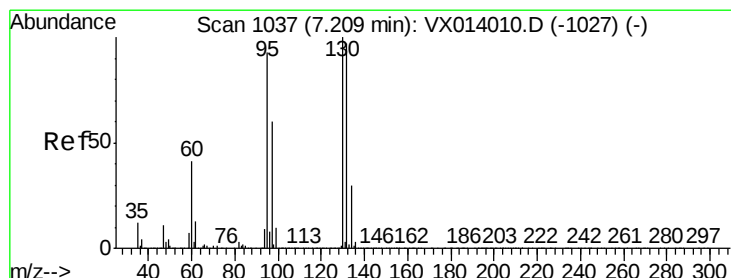
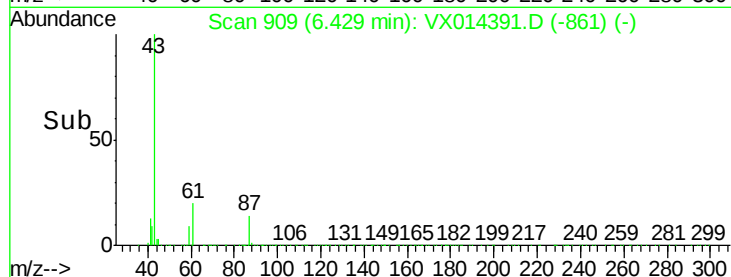
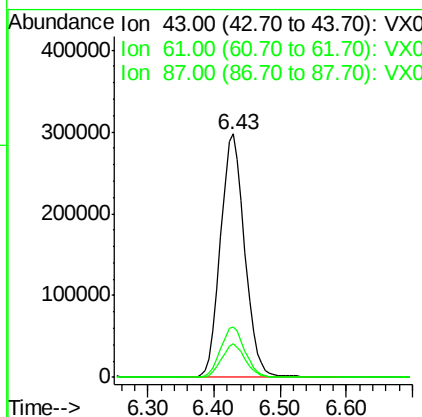
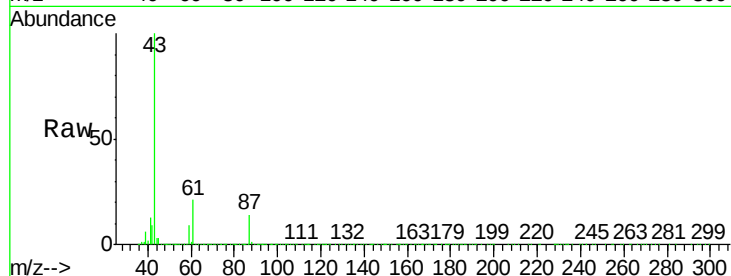
Isopropyl Acetate
 Concen: 56.083 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.4	24.6
87	13.5	10.7	16.1

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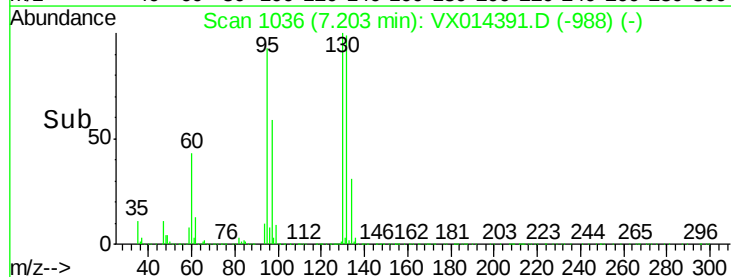
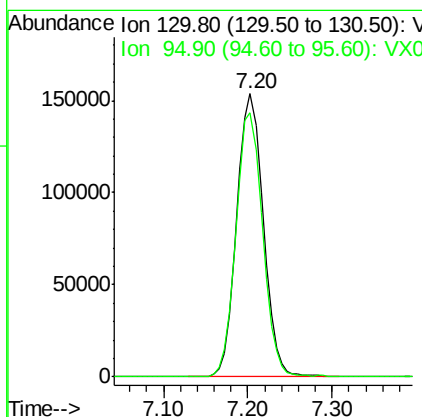
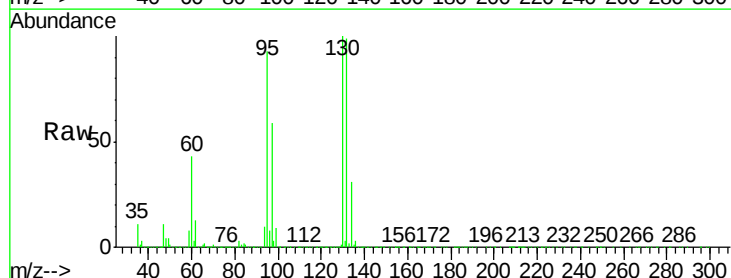
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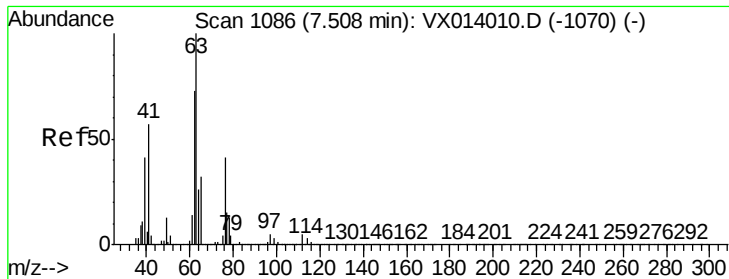


#44

Trichloroethene
 Concen: 52.689 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	185.6





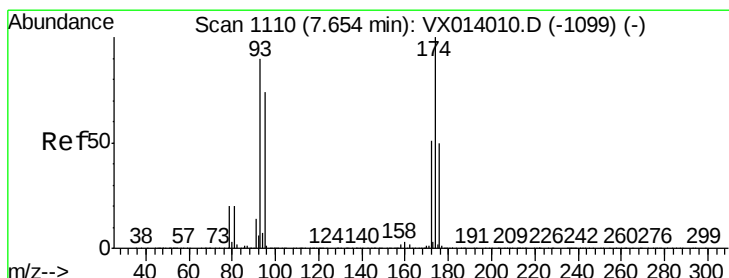
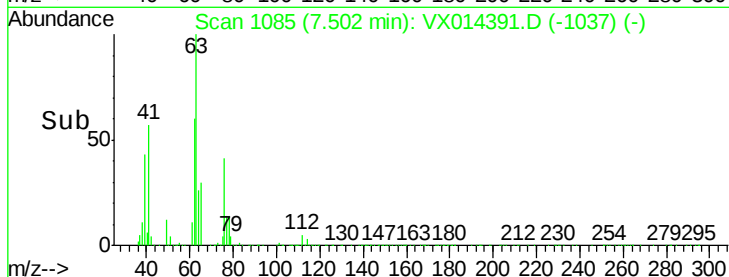
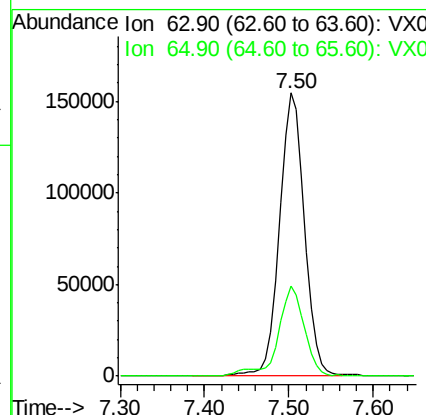
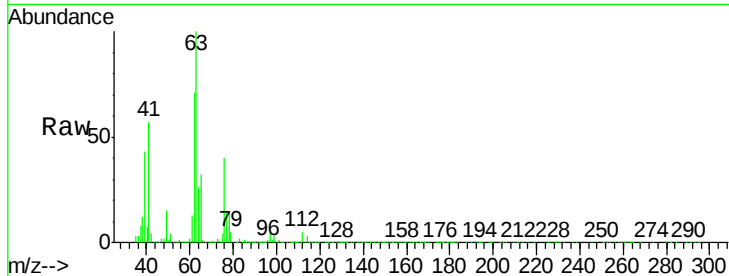
#45
 1,2-Dichloropropane
 Concen: 54.912 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.8

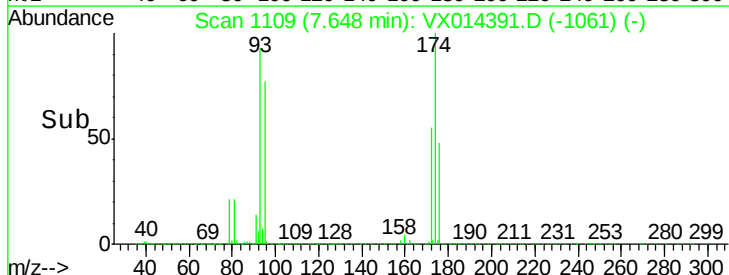
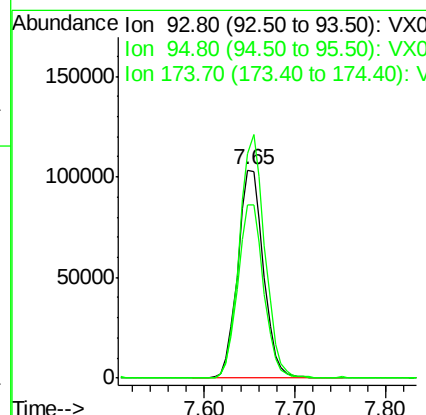
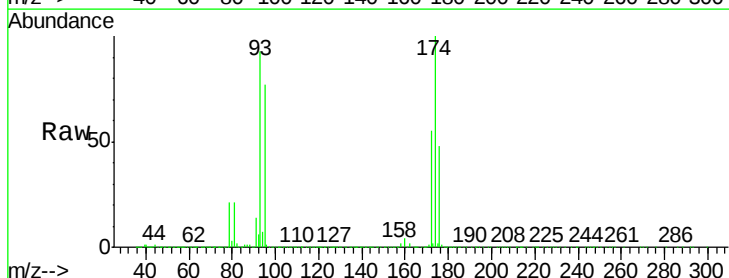
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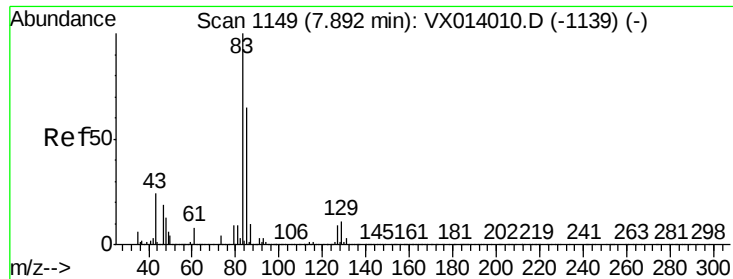
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#46
 Dibromomethane
 Concen: 53.140 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.3	100.9
174	115.7	91.6	137.4





#47

Bromodichloromethane

Concen: 57.883 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

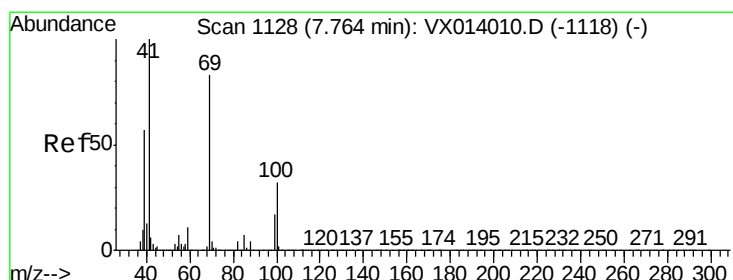
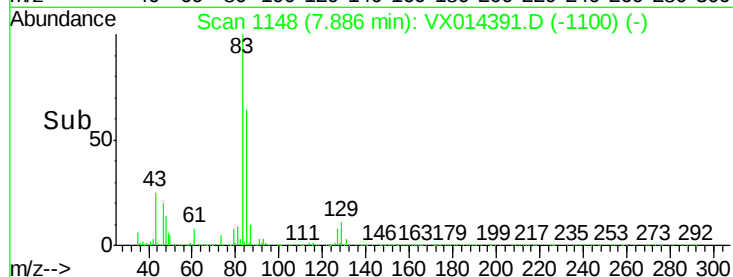
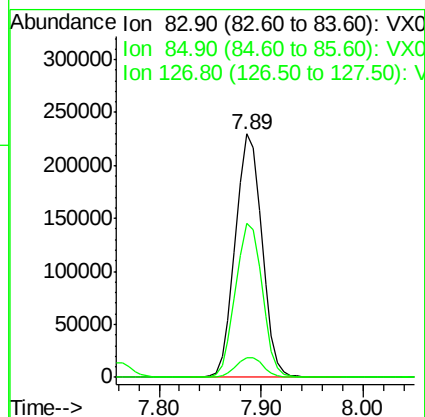
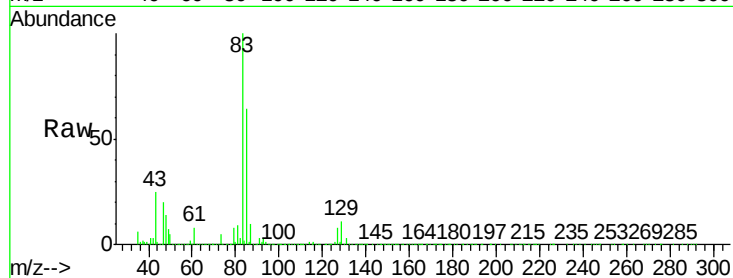
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	415738
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.8	77.8
127	7.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 55.823 ug/l

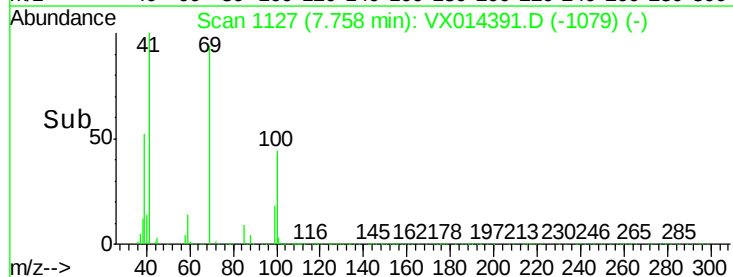
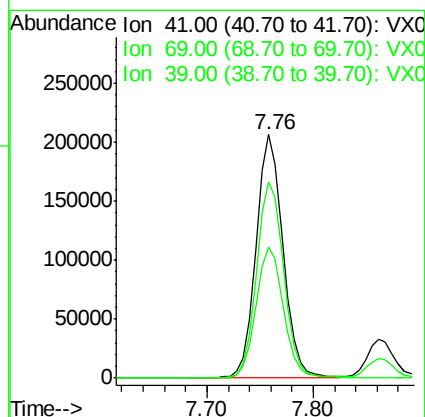
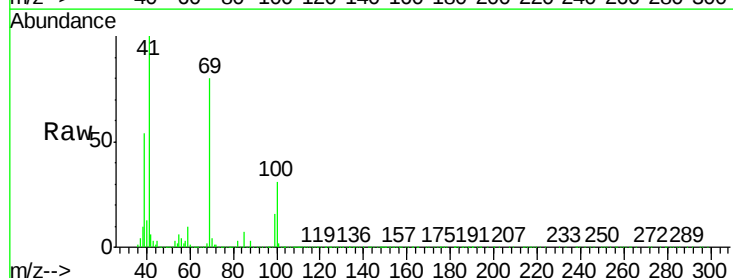
RT: 7.76 min Scan# 1127

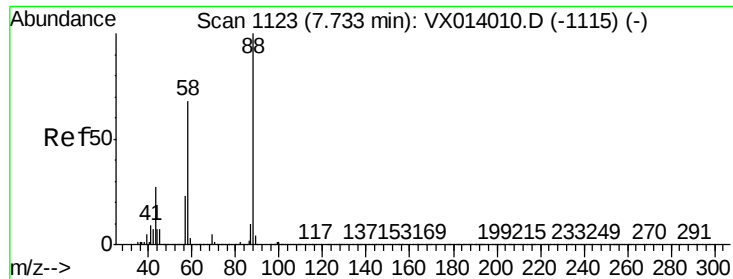
Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	41	Resp:	365376
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.8	98.6
39	54.9	44.6	67.0





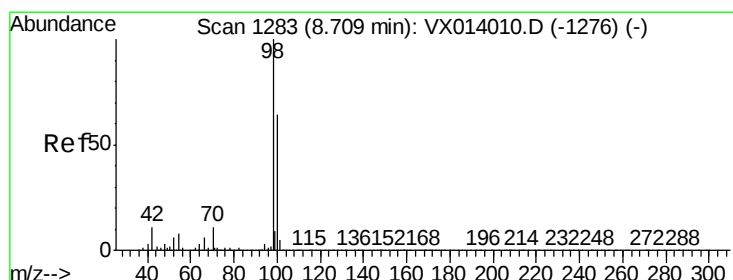
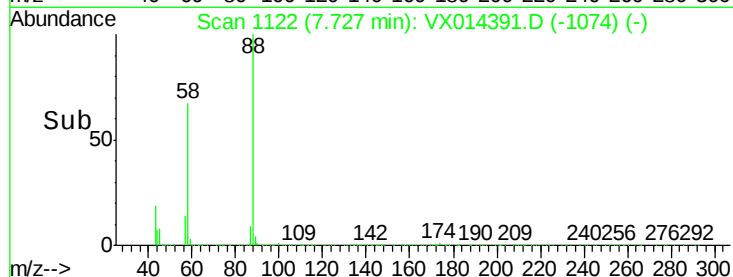
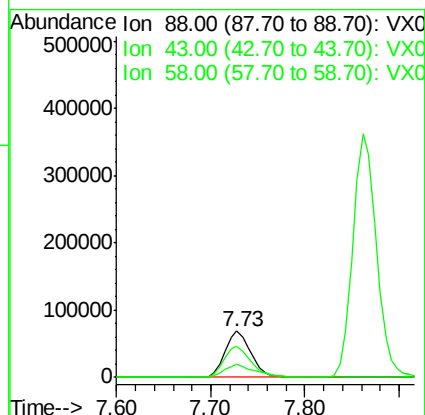
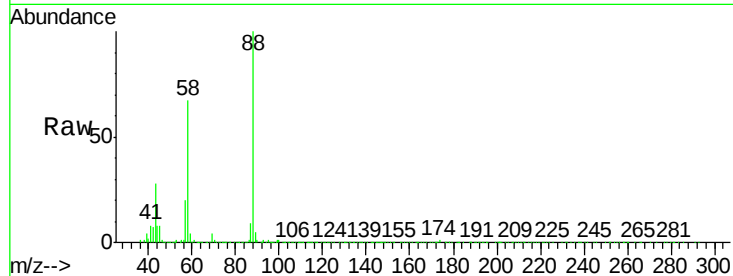
#49
1,4-Dioxane
Concen: 969.774 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.5	39.7
58	70.9	56.8	85.2

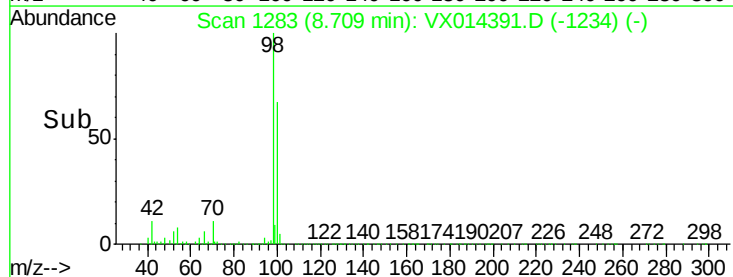
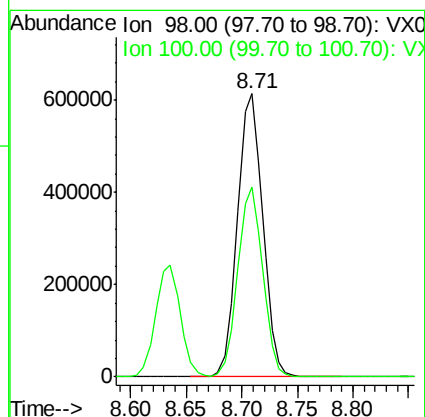
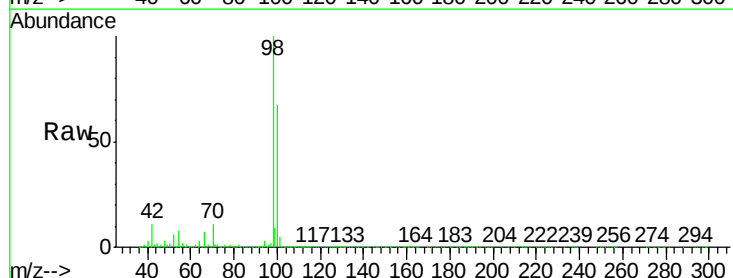
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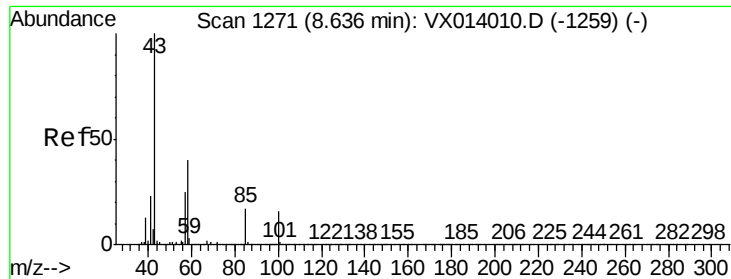
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#50
Toluene-d8
Concen: 51.123 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3





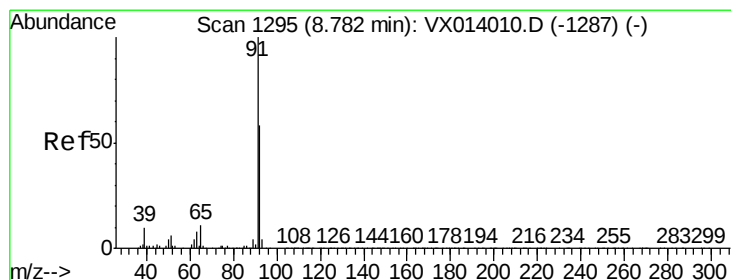
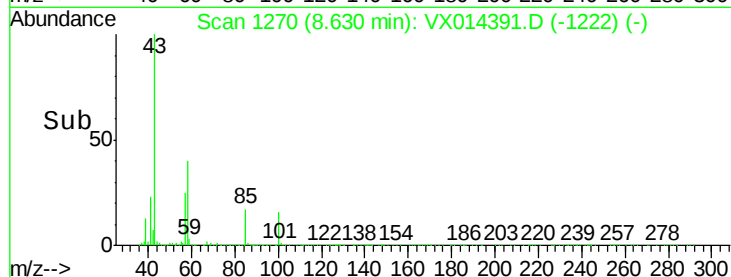
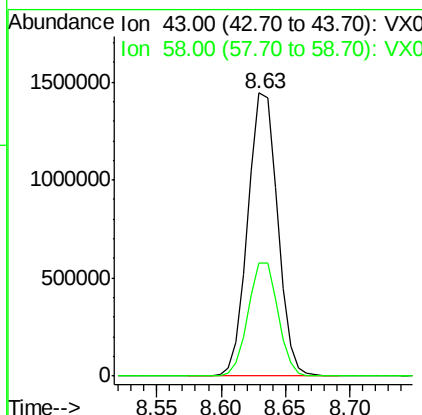
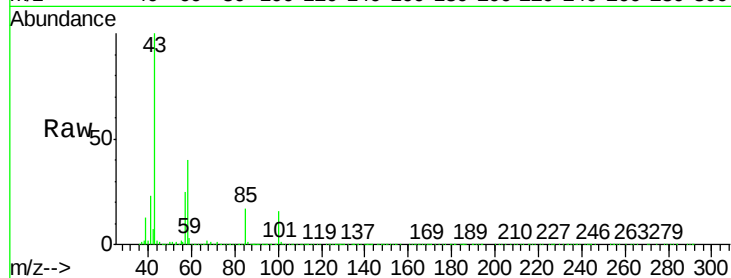
#51
4-Methyl-2-Pentanone
Concen: 273.633 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2297028
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2

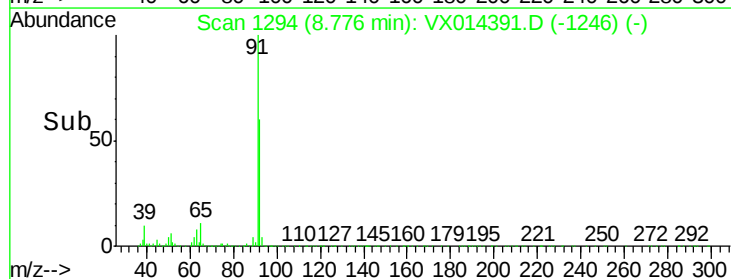
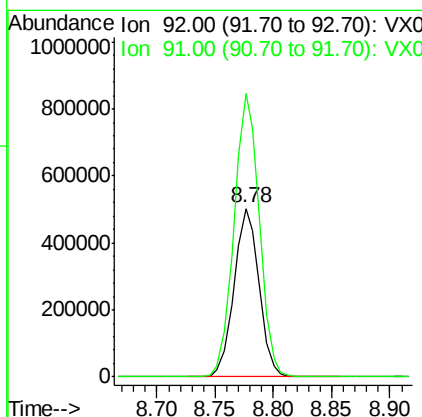
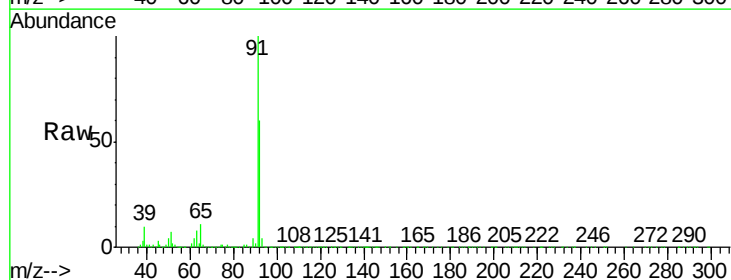
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#52
Toluene
Concen: 52.695 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 92 Resp: 749553
Ion Ratio Lower Upper
92 100
91 170.6 136.2 204.4





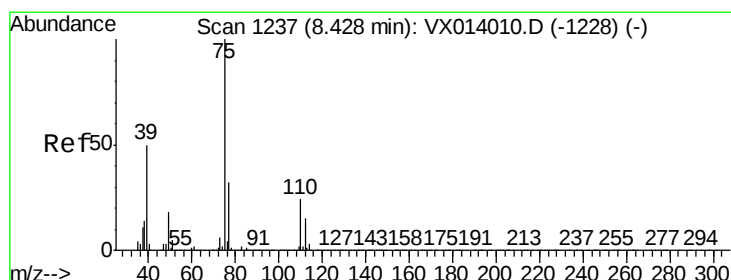
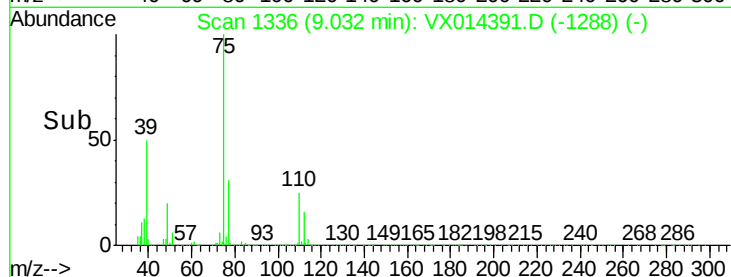
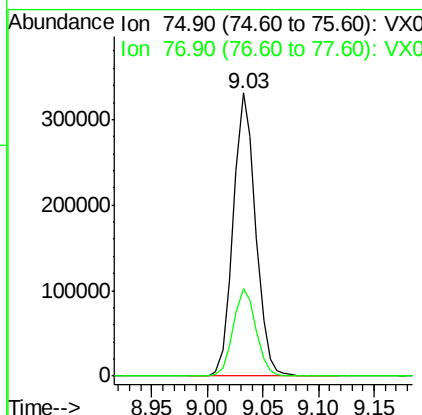
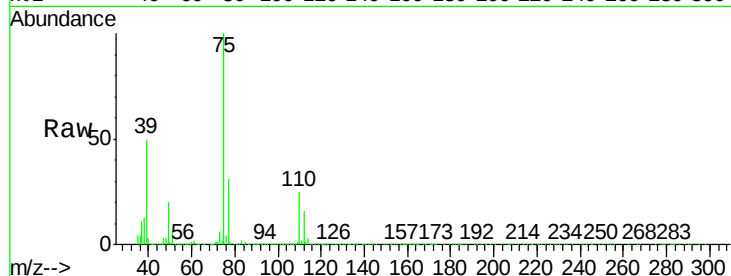
#53
t-1,3-Dichloropropene
Concen: 58.519 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 460863
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7

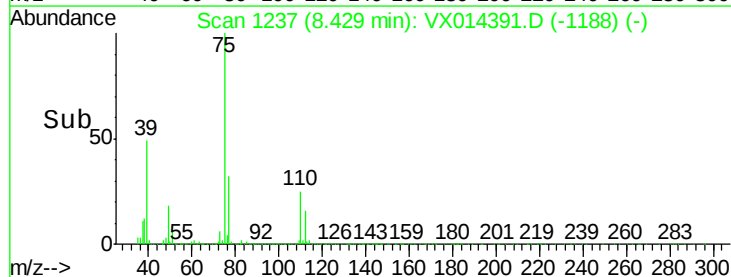
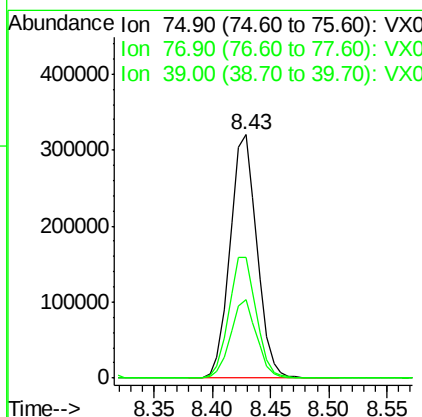
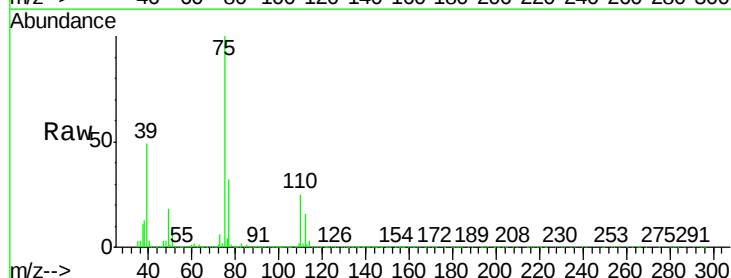
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#54
cis-1,3-Dichloropropene
Concen: 58.734 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 75 Resp: 515322
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 49.3 39.9 59.9





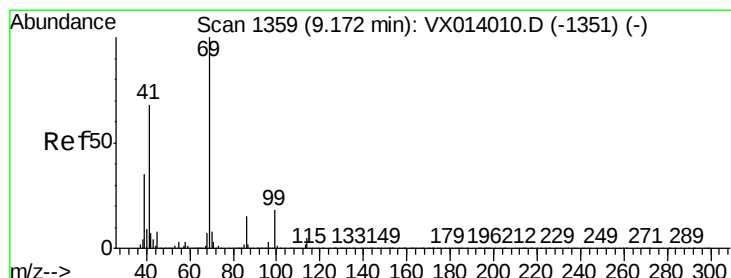
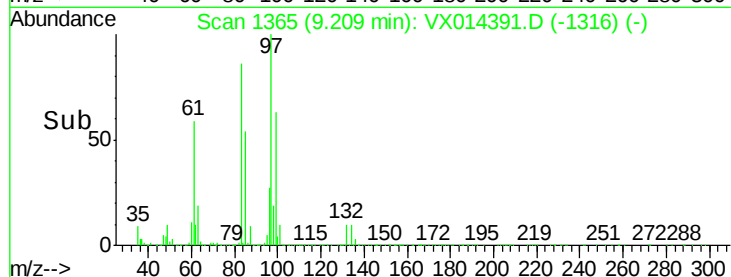
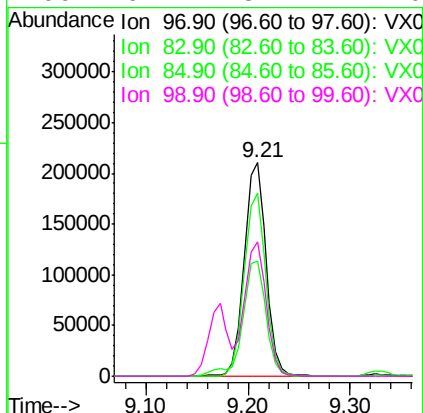
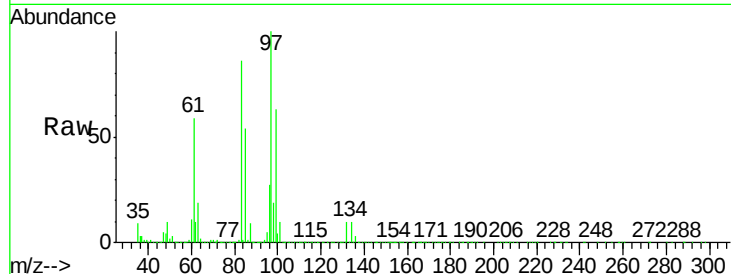
#55
 1,1,2-Trichloroethane
 Concen: 54.882 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	312882		
83	85.5	68.2	102.4	
85	54.0	44.6	66.8	
99	62.7	51.4	77.0	

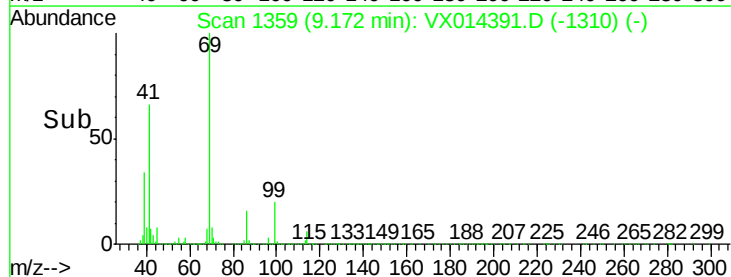
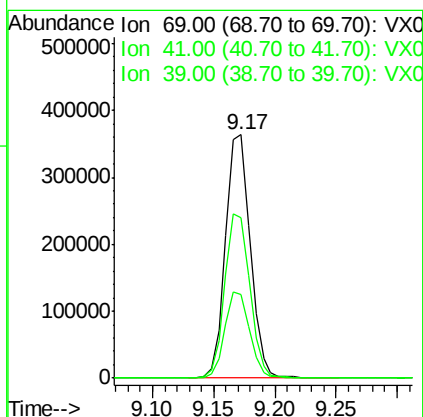
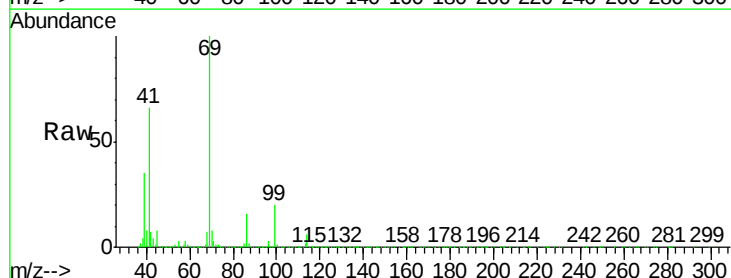
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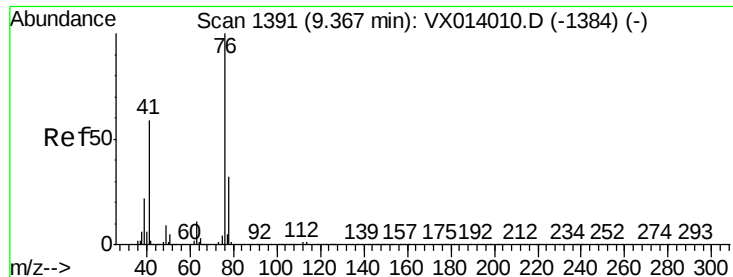
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#56
 Ethyl methacrylate
 Concen: 56.781 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	508495		
41	68.4	54.8	82.2	
39	35.4	28.3	42.5	





#57

1,3-Dichloropropane

Concen: 54.529 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 523037

Ion Ratio Lower Upper

76 100

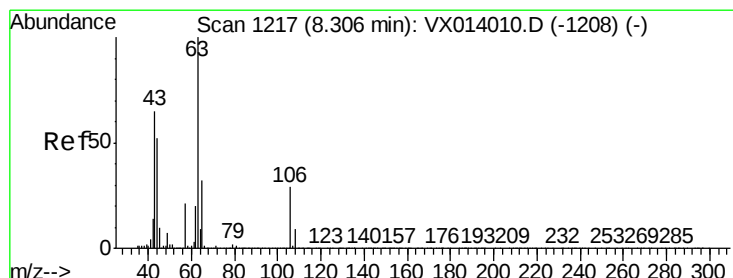
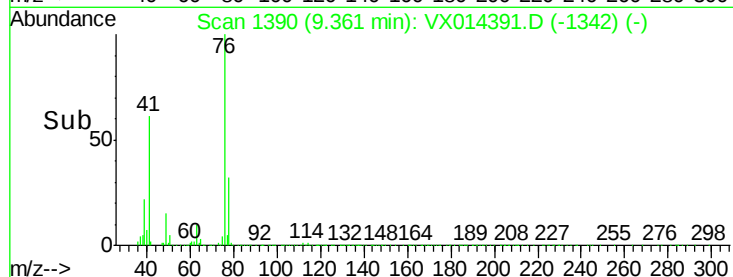
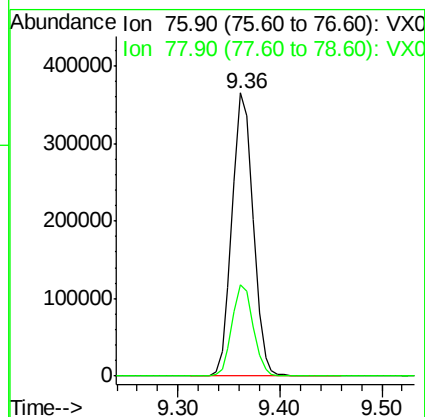
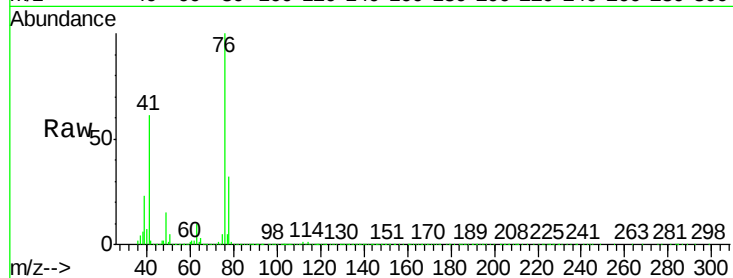
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 300.221 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014391.D

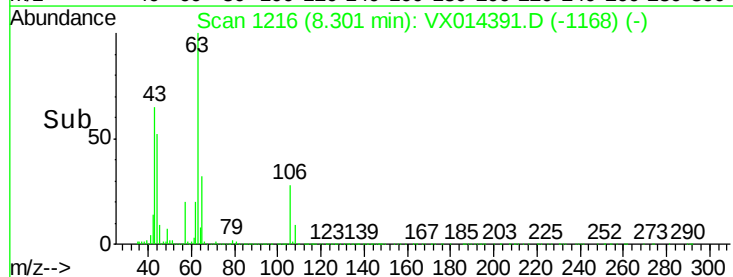
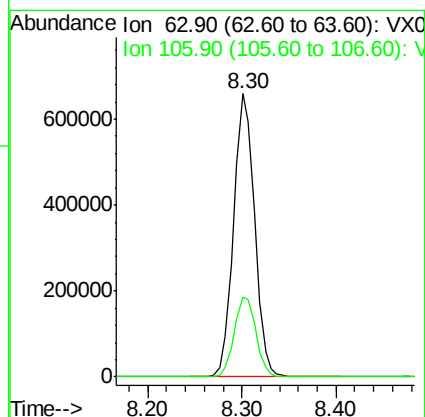
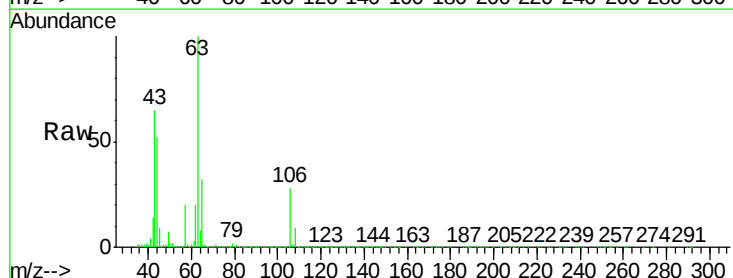
Acq: 03 Jan 2020 11:01

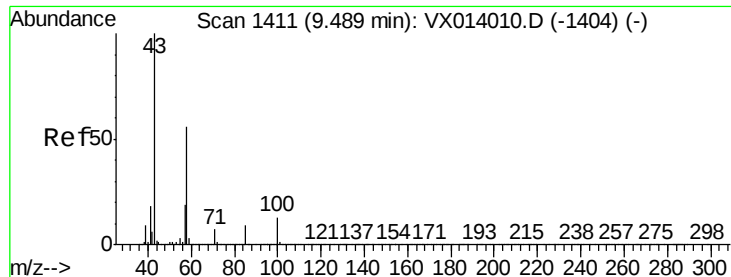
Tgt Ion: 63 Resp: 1017458

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





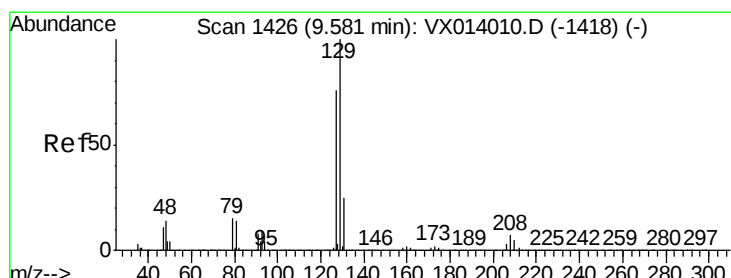
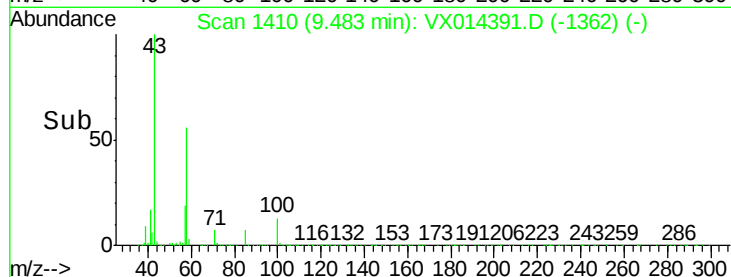
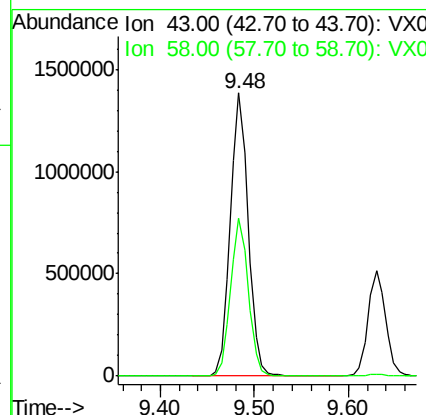
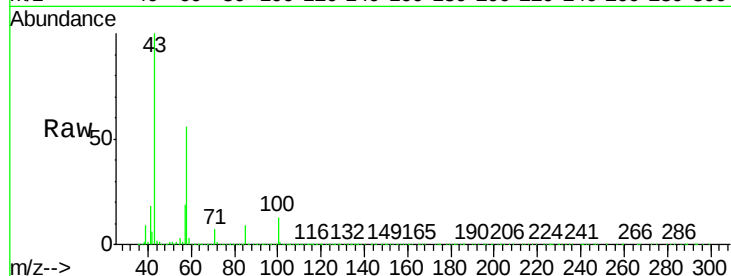
#59
2-Hexanone
Concen: 270.402 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1827280
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0

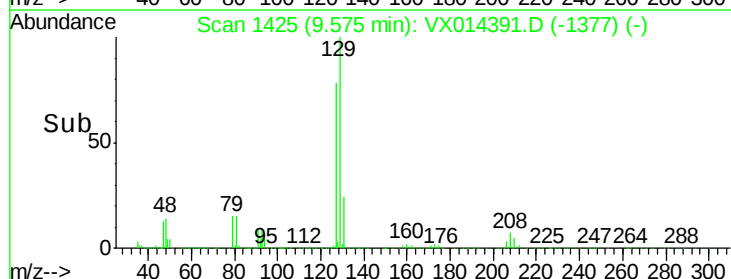
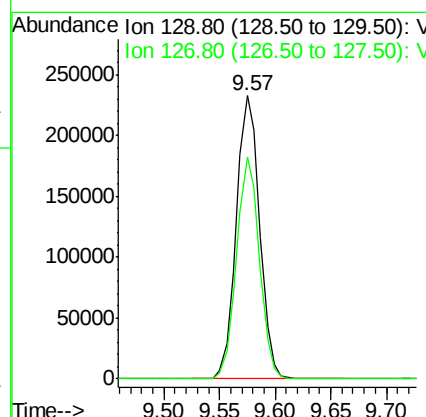
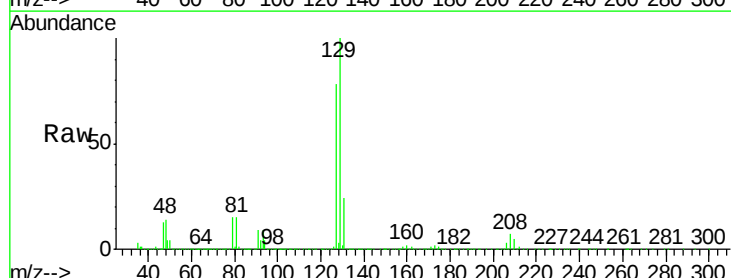
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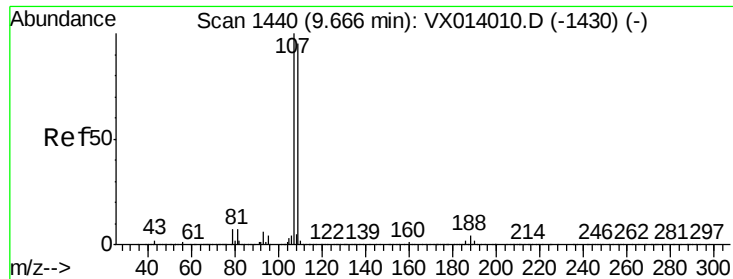
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#60
Dibromochloromethane
Concen: 59.693 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 129 Resp: 338274
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





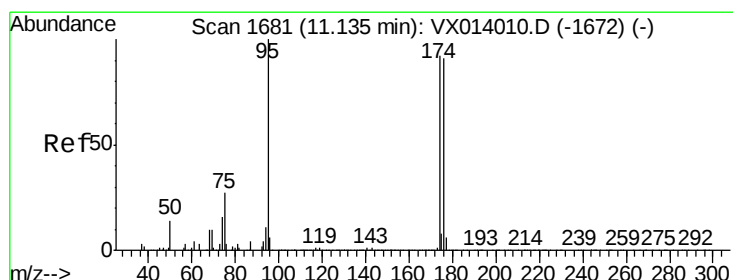
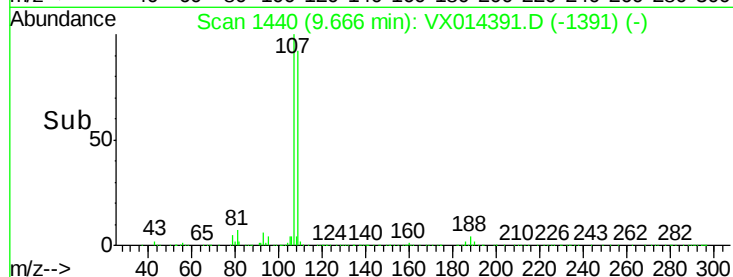
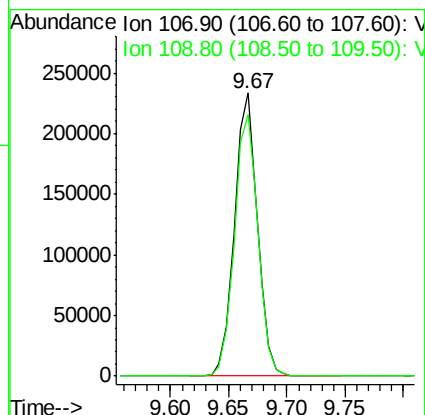
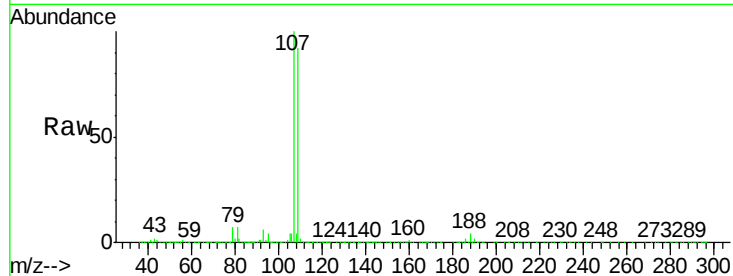
#61
 1,2-Dibromoethane
 Concen: 54.903 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 320253
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.7 113.5

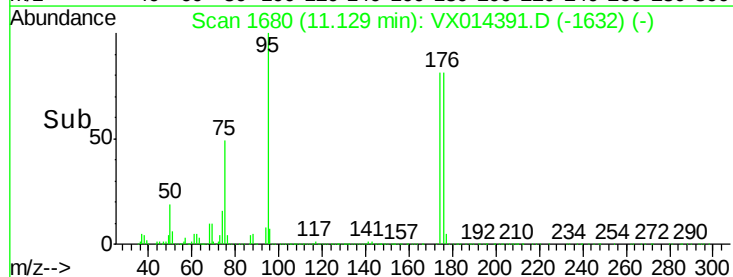
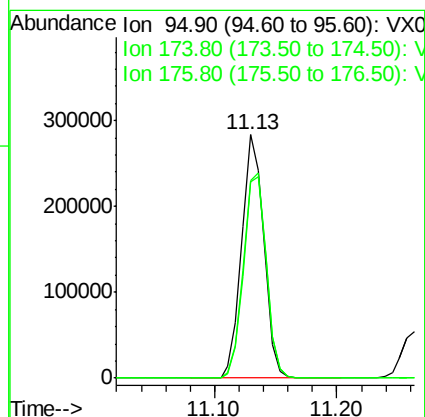
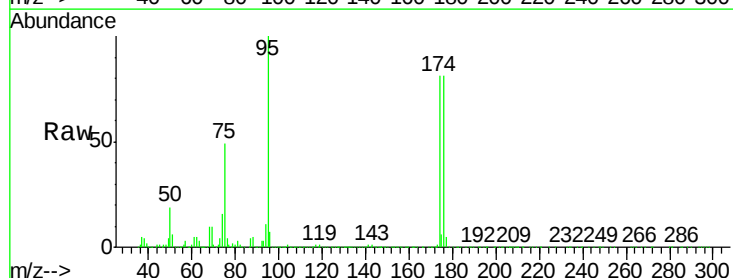
Manual Integrations
 APPROVED

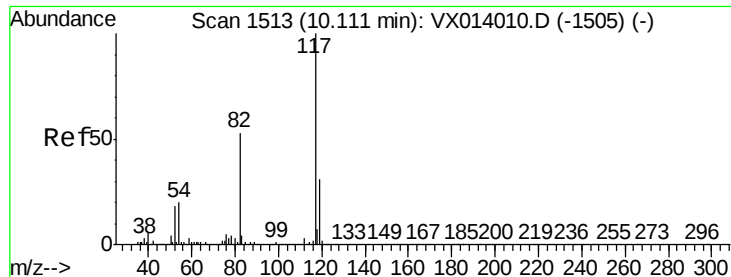
apatel
 1/6/2020 10:41:36 AM



#62
 4-Bromofluorobenzene
 Concen: 51.025 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion: 95 Resp: 351874
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 175.8
 176 86.0 0.0 173.0





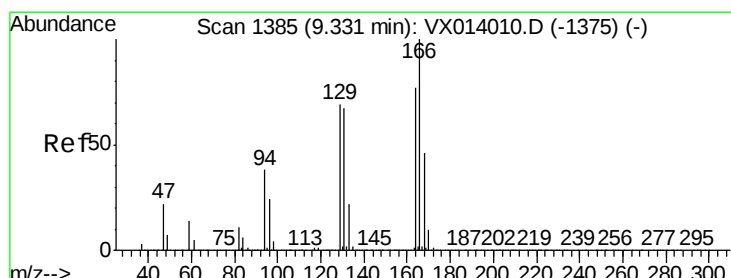
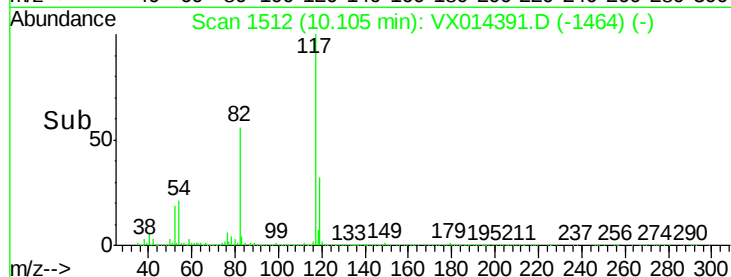
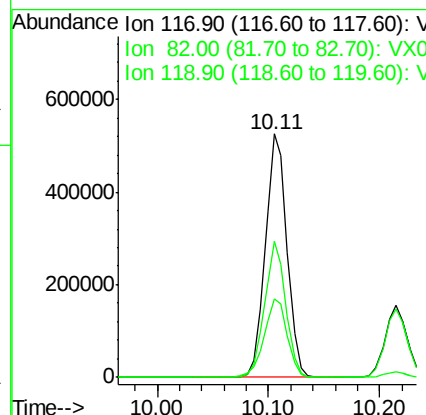
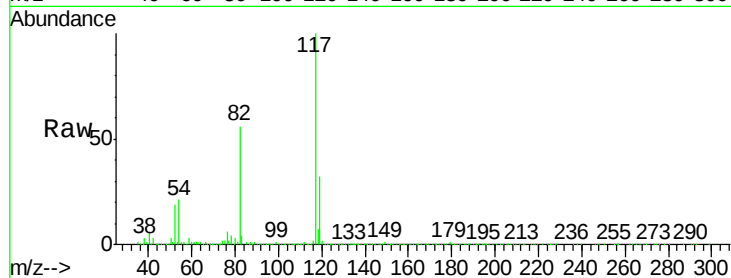
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.9	42.2	63.4
119	32.1	25.1	37.7

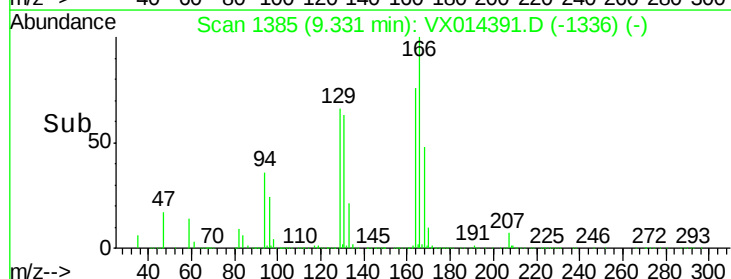
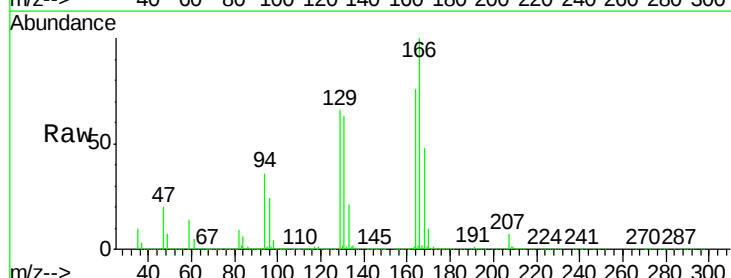
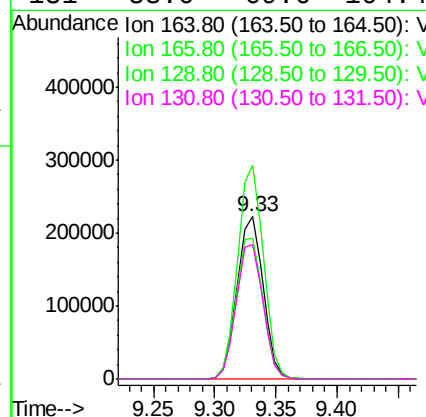
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 51.662 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	131.5	104.0	156.0
129	86.5	72.2	108.4
131	83.0	69.6	104.4





#65

Chlorobenzene

Concen: 53.944 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 817544

Ion Ratio Lower Upper

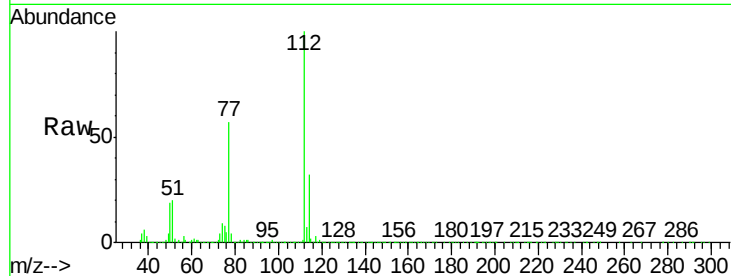
112 100

114 31.6 24.9 37.3

Manual Integrations
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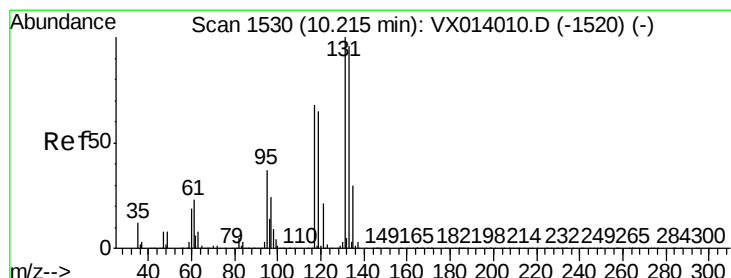
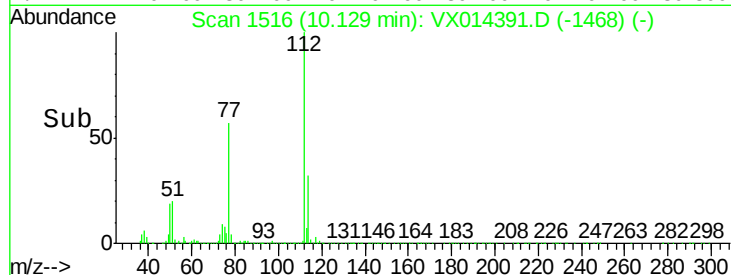
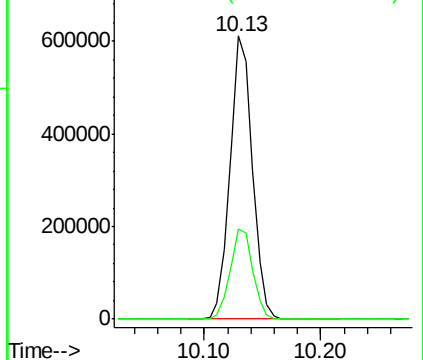
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

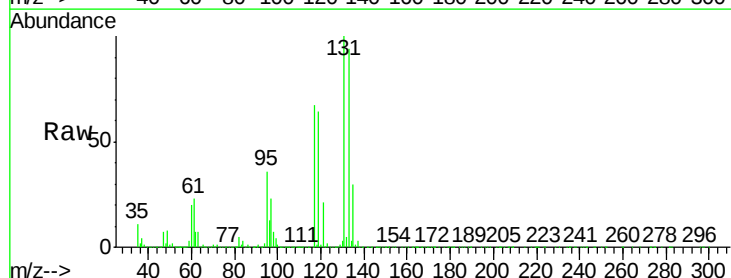
Tgt Ion:131 Resp: 312643

Ion Ratio Lower Upper

131 100

133 93.8 48.0 144.0

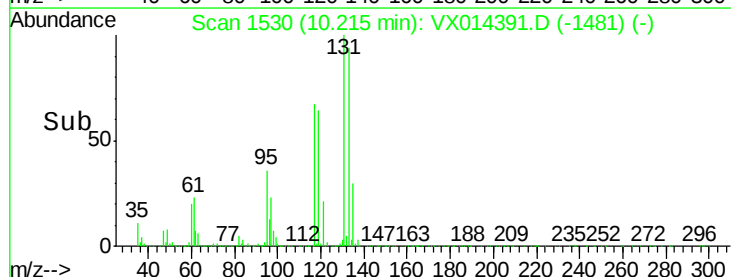
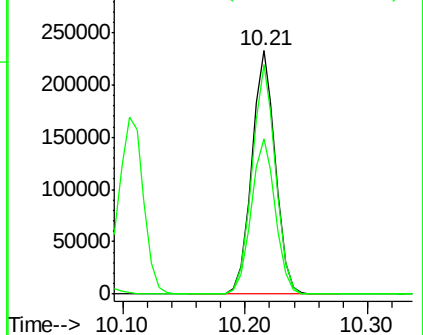
119 65.3 33.4 100.2

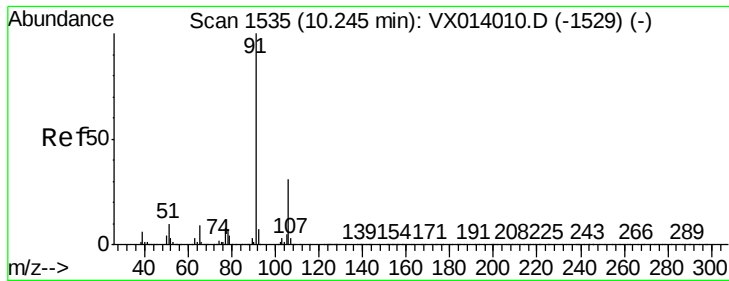


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





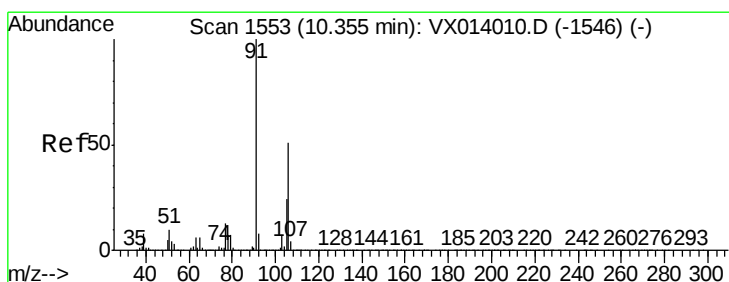
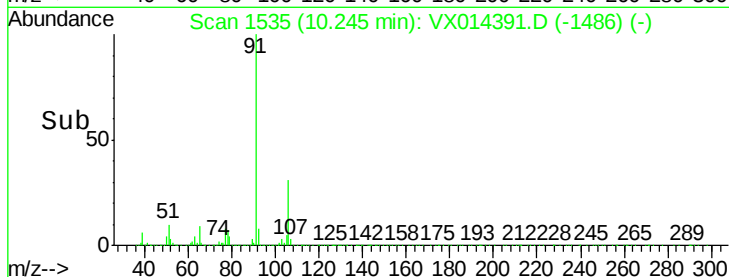
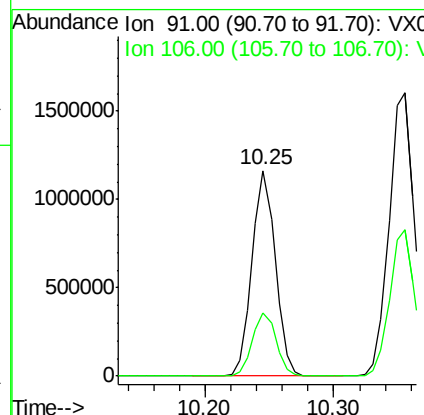
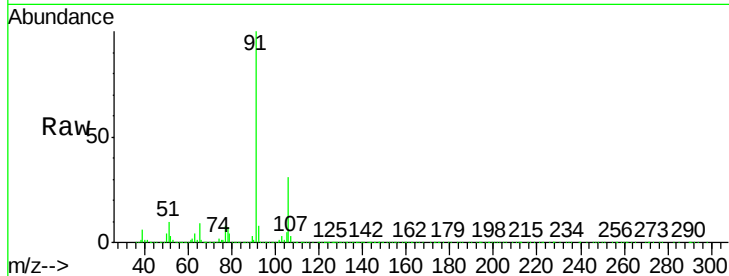
#67
Ethyl Benzene
Concen: 55.632 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1449546
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

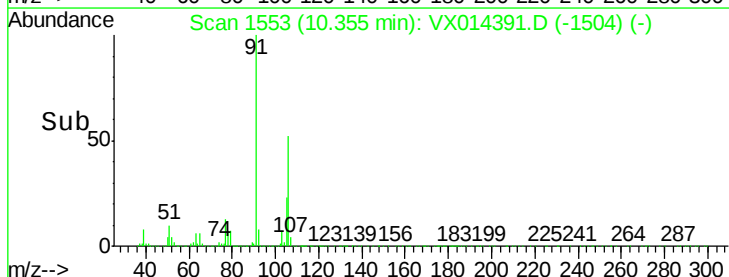
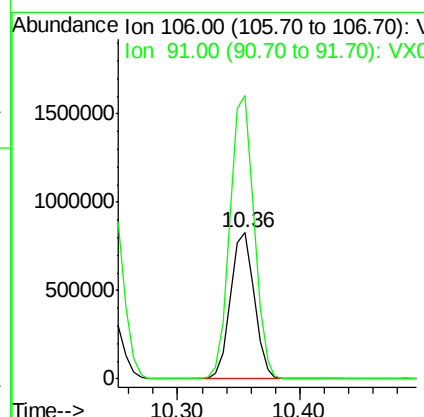
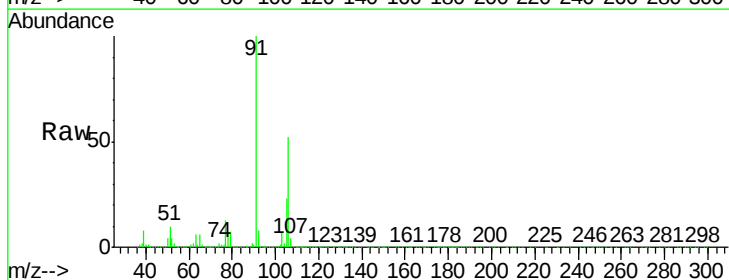
Manual Integrations
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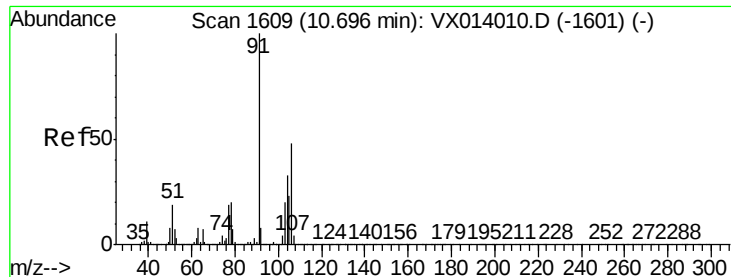
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#68
m/p-Xylenes
Concen: 110.636 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion: 106 Resp: 1108729
Ion Ratio Lower Upper
106 100
91 196.8 158.6 238.0





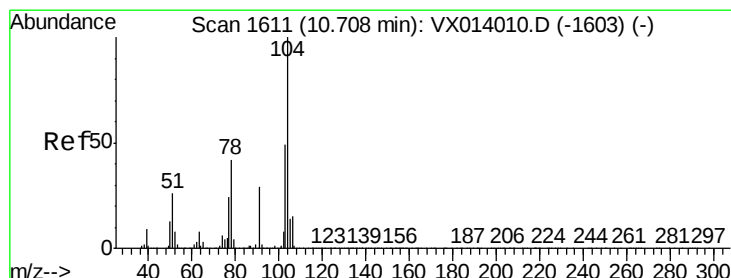
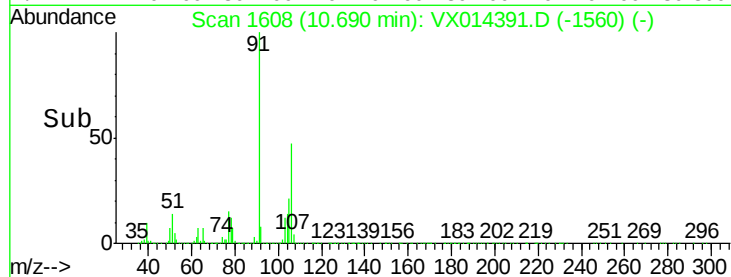
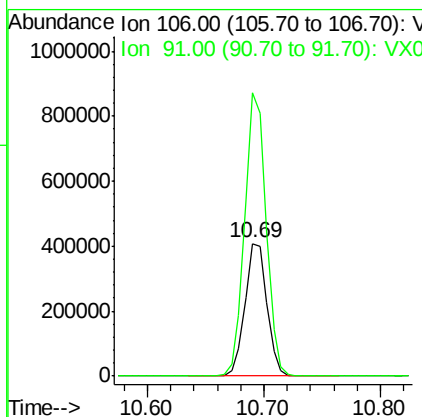
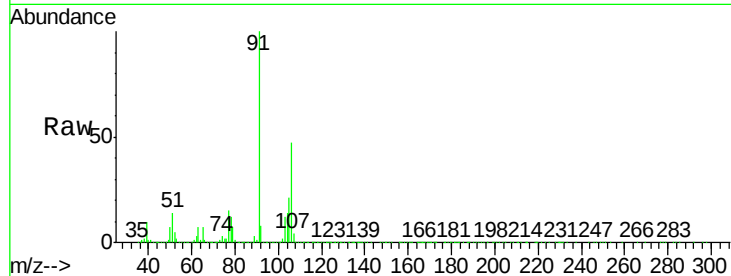
#69
o-Xylene
Concen: 54.890 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 539492
Ion Ratio Lower Upper
106 100
91 208.7 104.2 312.6

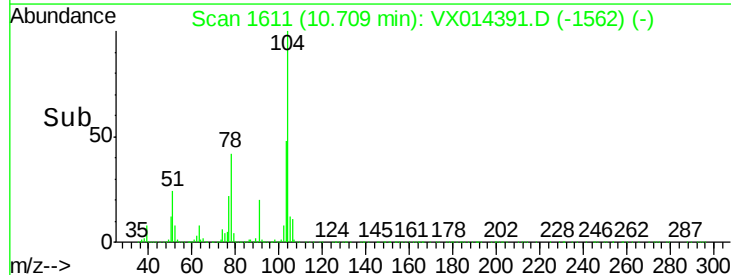
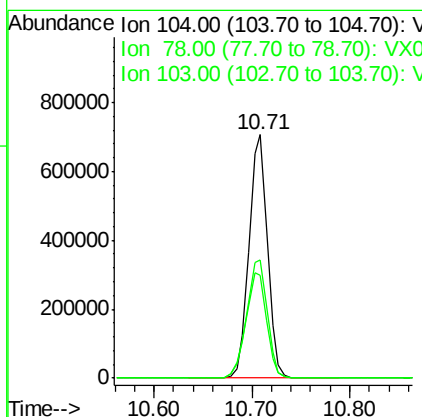
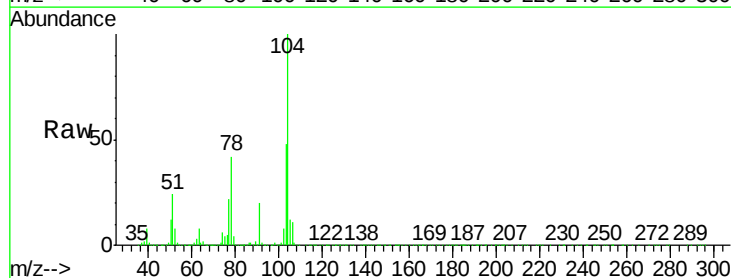
Manual Integrations
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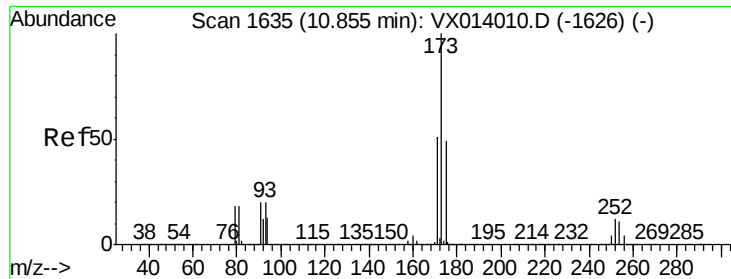
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#70
Styrene
Concen: 55.747 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion:104 Resp: 926502
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 54.3 42.9 64.3





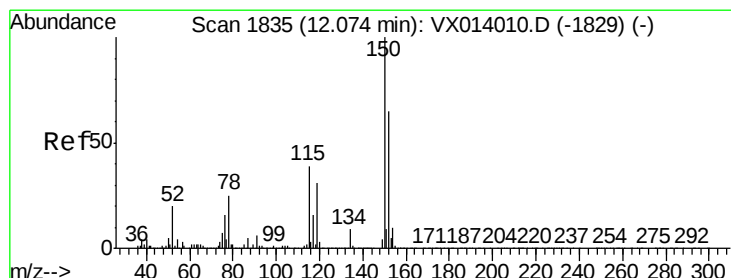
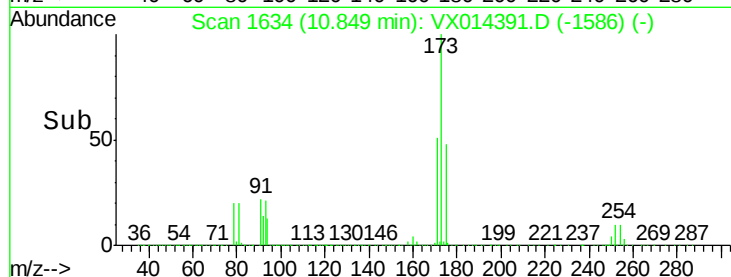
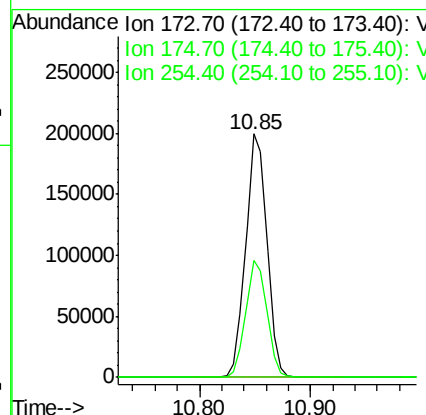
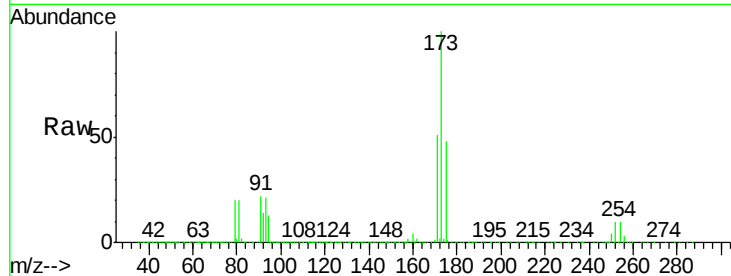
#71
Bromoform
Concen: 60.782 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.0	0.2	0.2

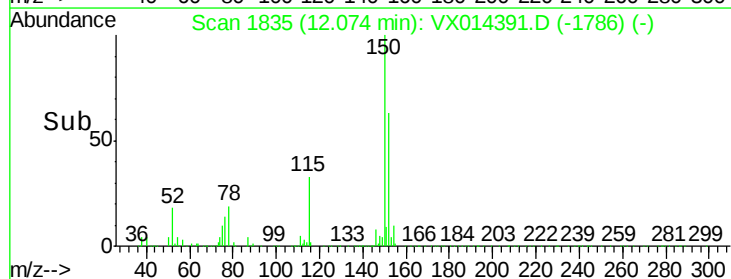
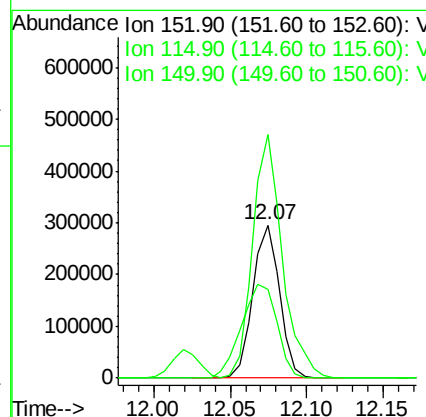
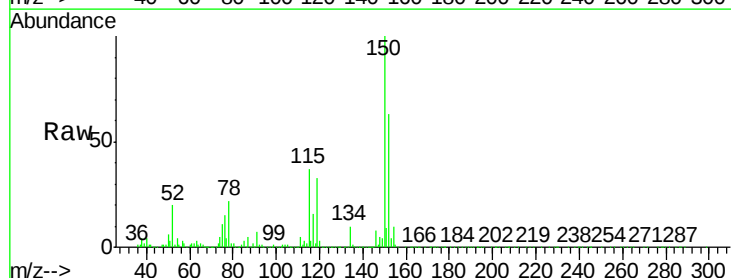
Manual Integrations
APPROVED

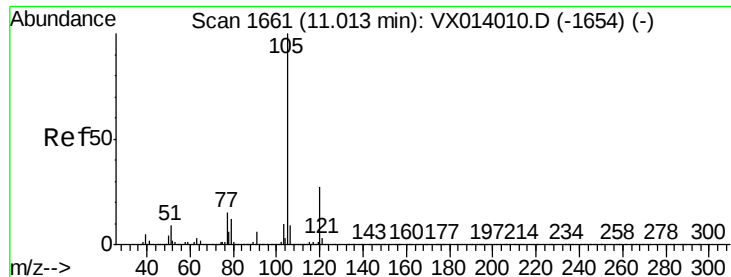
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.2	38.3	114.9
150	175.8	0.0	345.4





#73

Isopropylbenzene

Concen: 56.433 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 105 Resp: 1427833

Ion Ratio Lower Upper

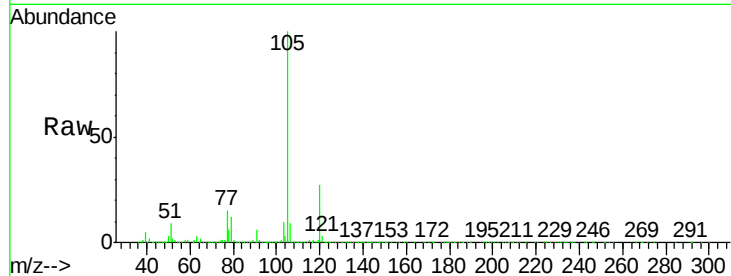
105 100

120 27.4 13.5 40.4

Manual Integrations
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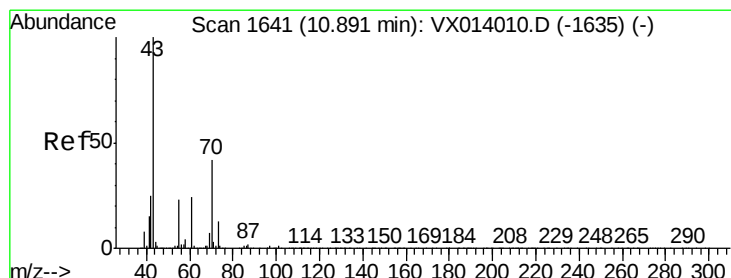
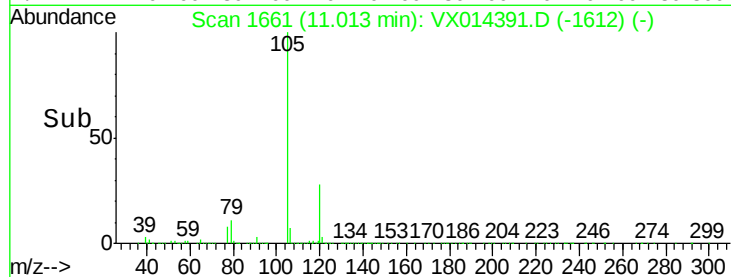
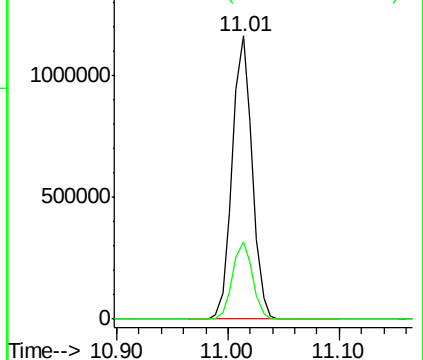
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.727 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion: 43 Resp: 660911

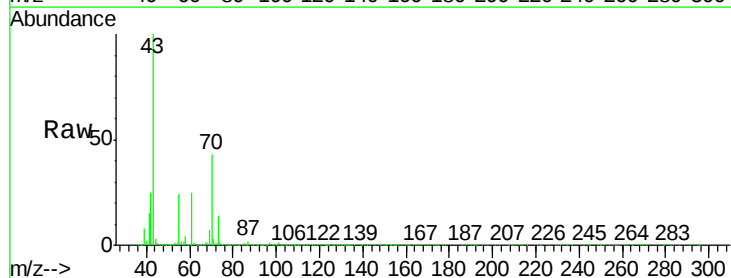
Ion Ratio Lower Upper

43 100

70 43.2 34.4 51.6

55 23.8 19.1 28.7

61 25.2 19.7 29.5

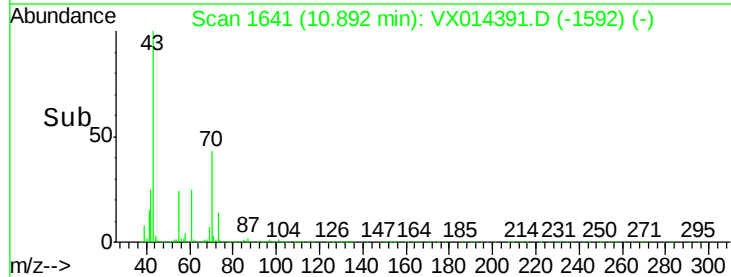
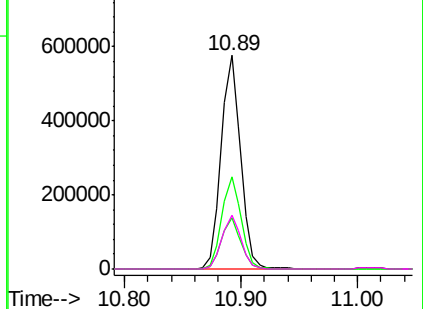


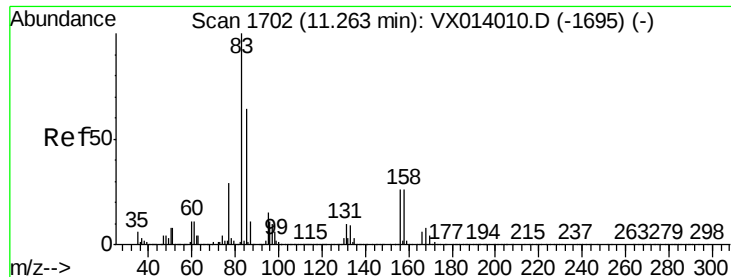
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.552 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

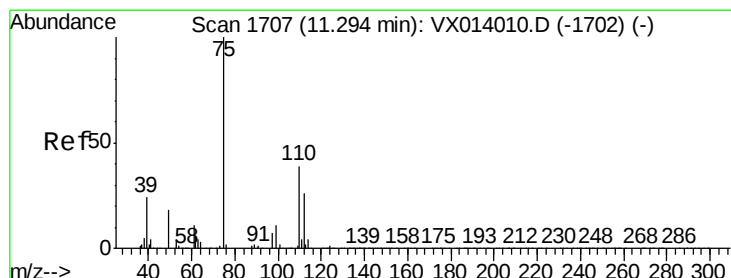
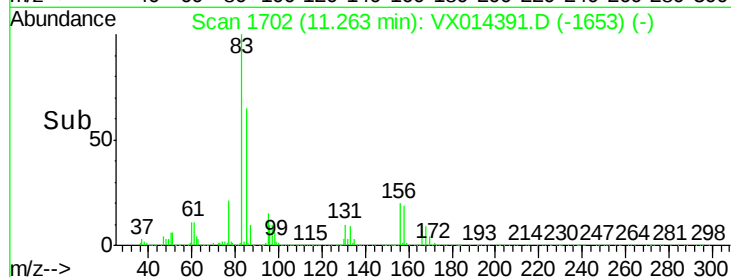
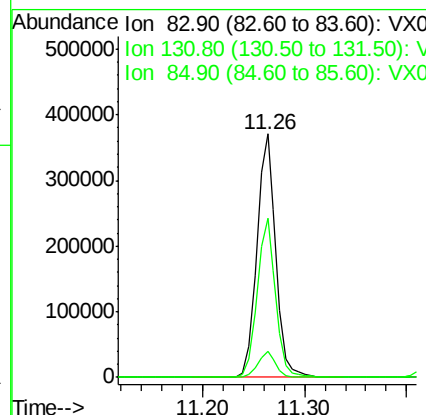
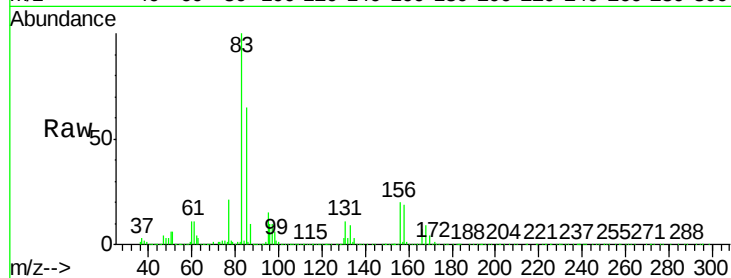
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	478521
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.595 ug/l m

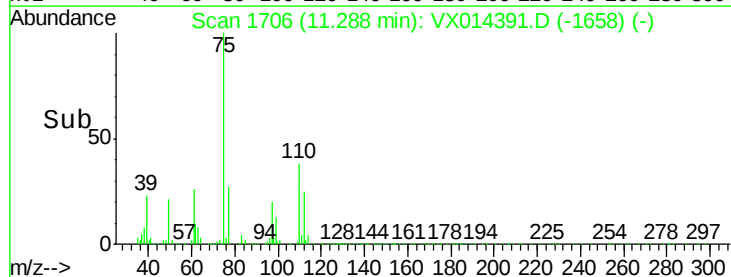
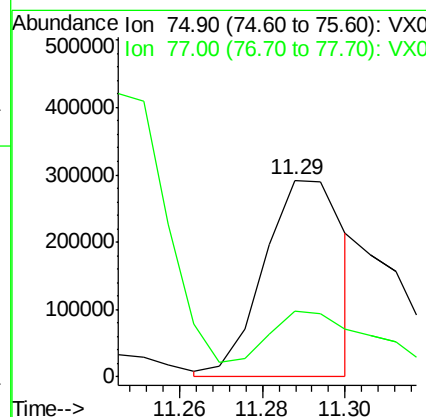
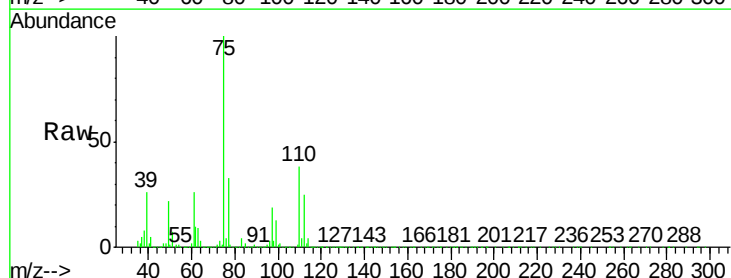
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	75	Resp:	394721
Ion Ratio	Lower	Upper	
75	100		
77	46.4	19.3	57.8





#77

Bromobenzene

Concen: 53.505 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

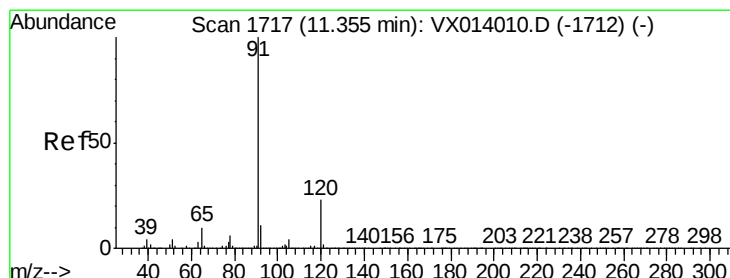
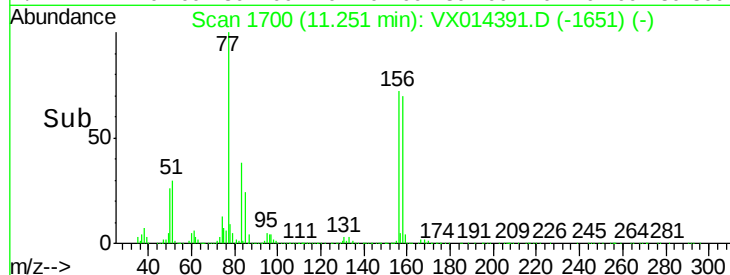
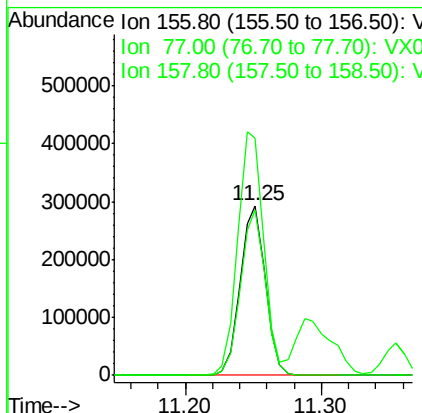
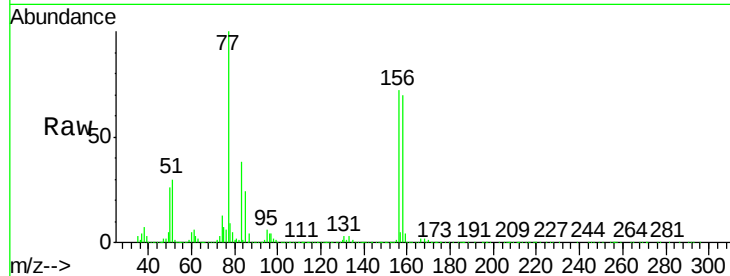
ClientSampled :

VSTDCCC050

Tgt Ion:	156	Resp:	372469
Ion Ratio	Lower	Upper	
156	100		
77	149.1	76.5	229.5
158	97.3	49.3	147.9

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#78

n-propylbenzene

Concen: 57.708 ug/l

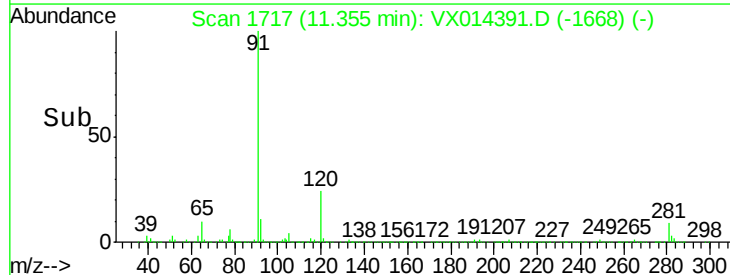
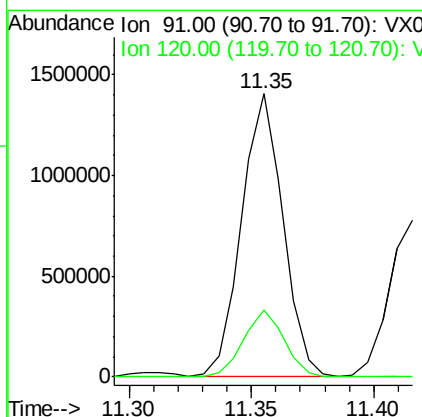
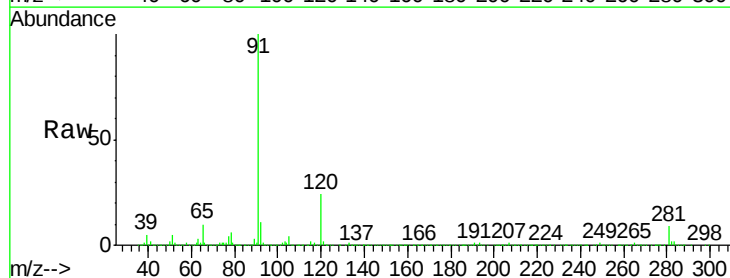
RT: 11.35 min Scan# 1717

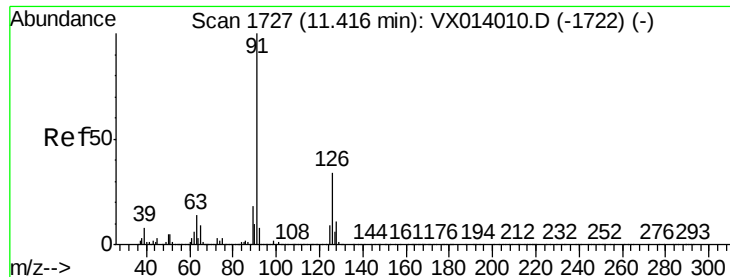
Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion:	91	Resp:	1637763
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 55.166 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 951702

Ion Ratio Lower Upper

91 100

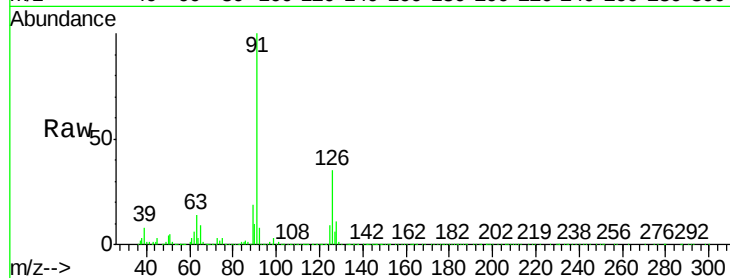
126 35.0 17.2 51.6

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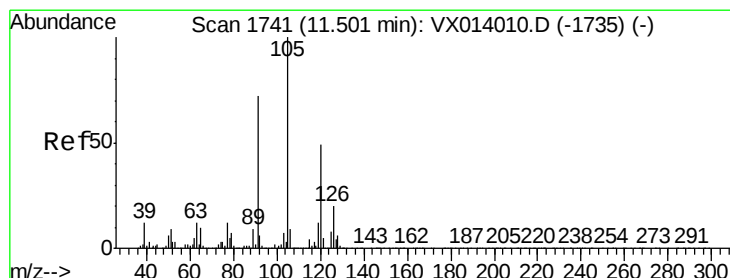
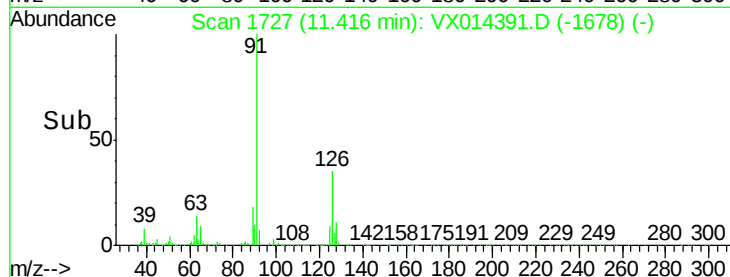
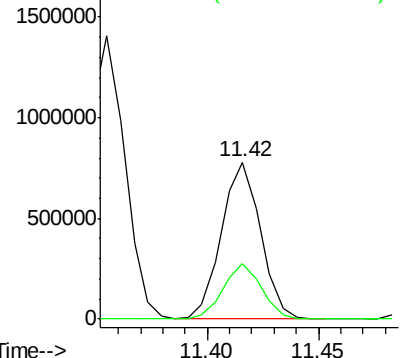
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.733 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014391.D

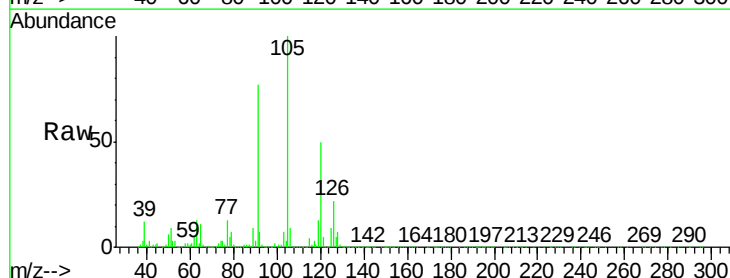
Acq: 03 Jan 2020 11:01

Tgt Ion: 105 Resp: 1208057

Ion Ratio Lower Upper

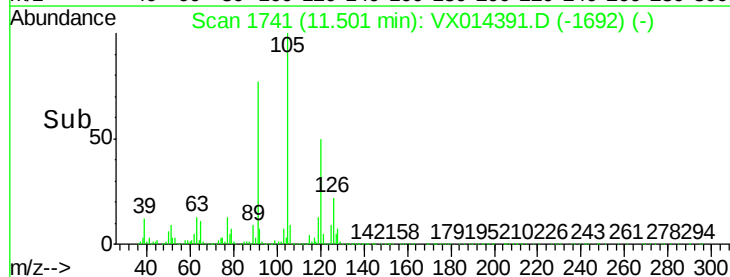
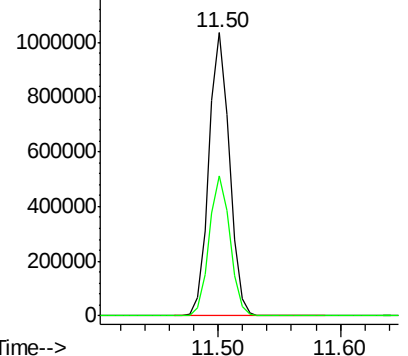
105 100

120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





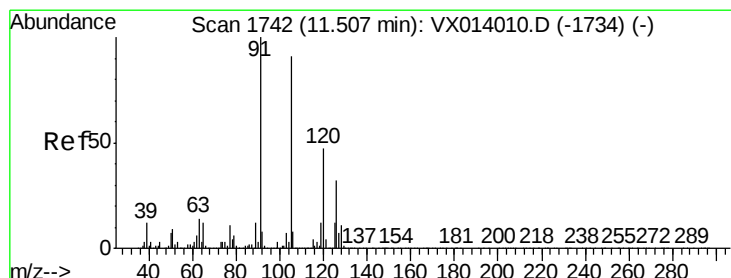
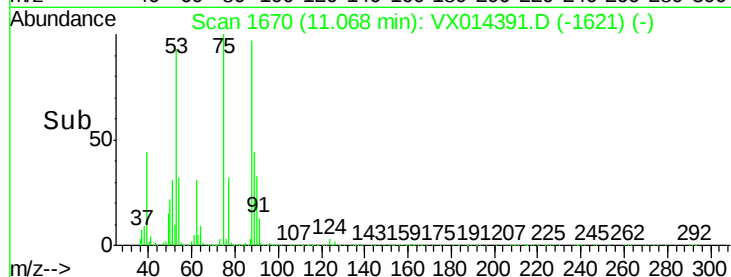
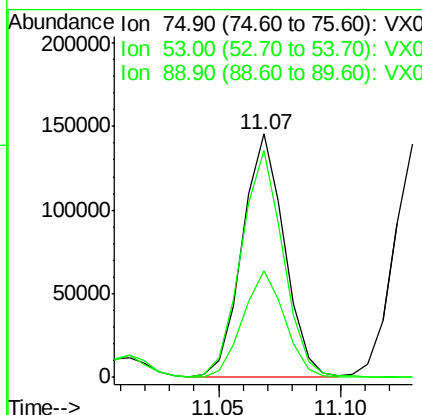
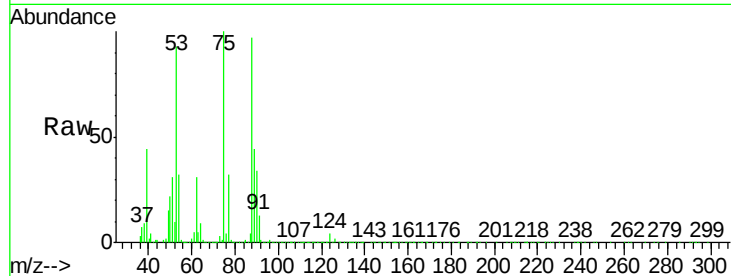
#81
trans-1,4-Dichloro-2-butene
Concen: 62.110 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.8	76.7	115.1
89	44.0	34.6	51.8

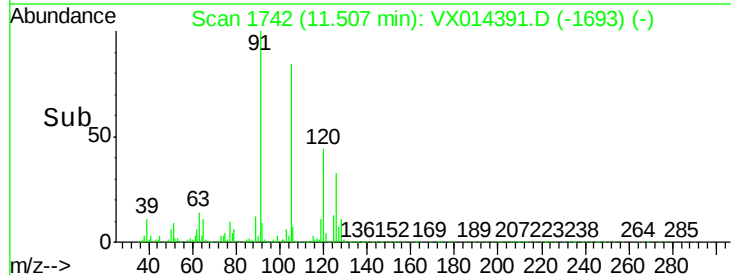
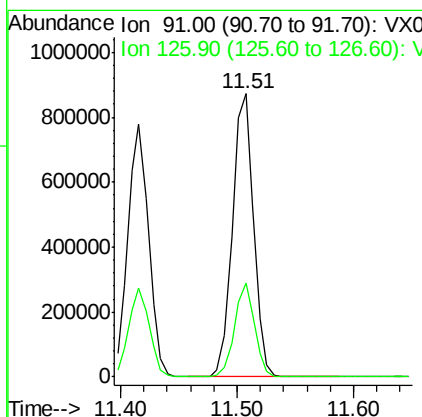
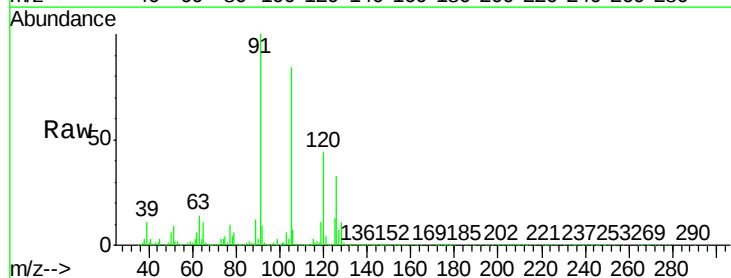
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#82
4-Chlorotoluene
Concen: 55.074 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





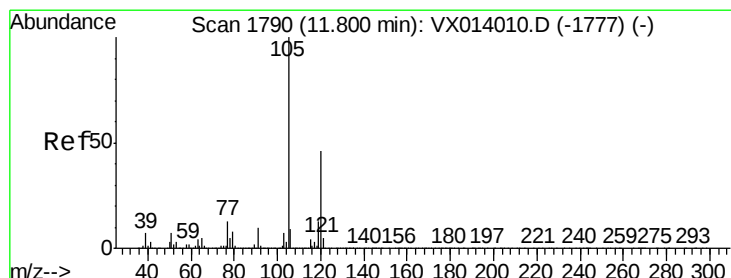
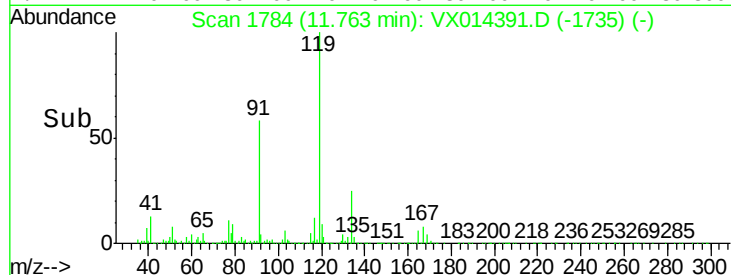
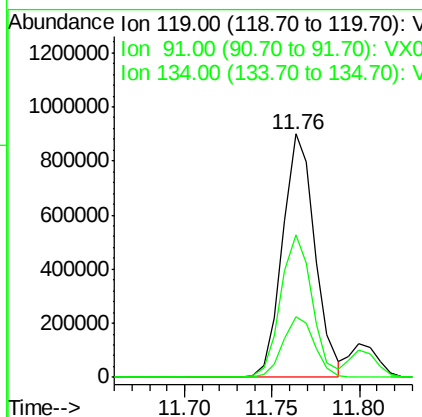
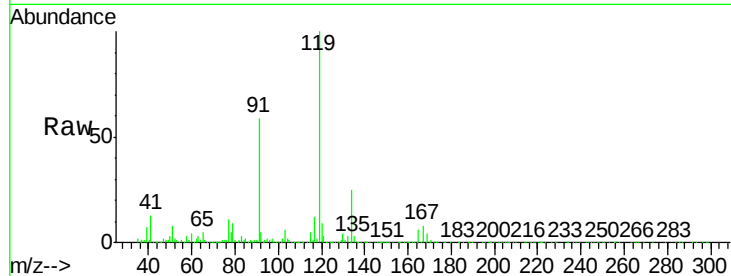
#83
 tert-Butylbenzene
 Concen: 56.300 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.5	85.6
134	24.5	12.2	36.6

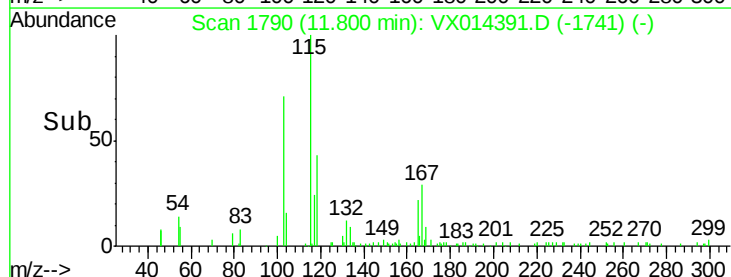
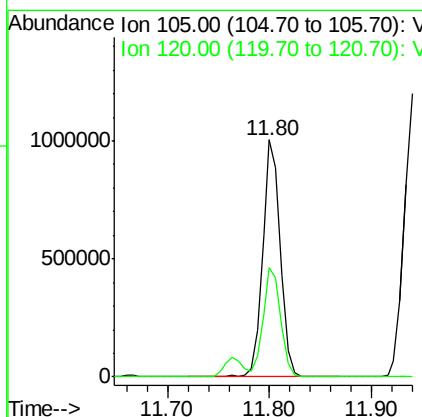
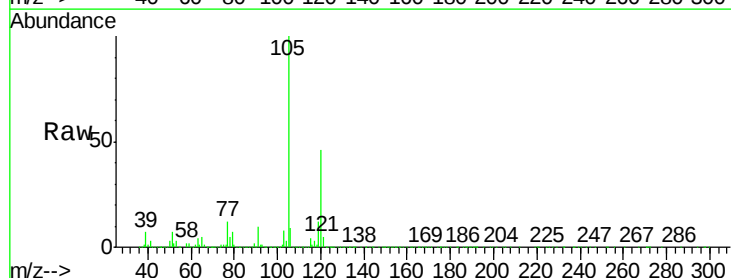
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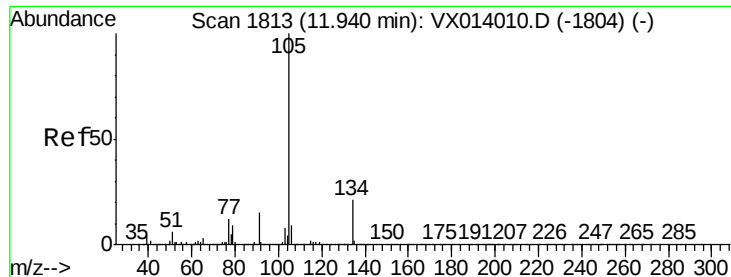
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.886 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.2





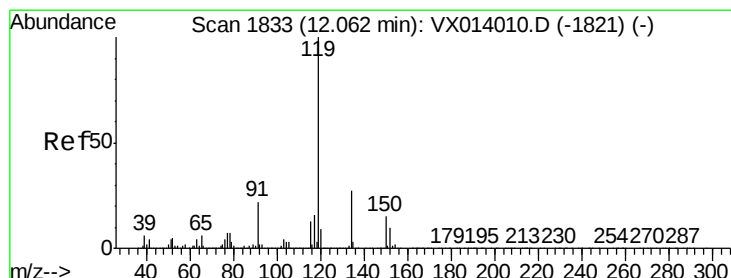
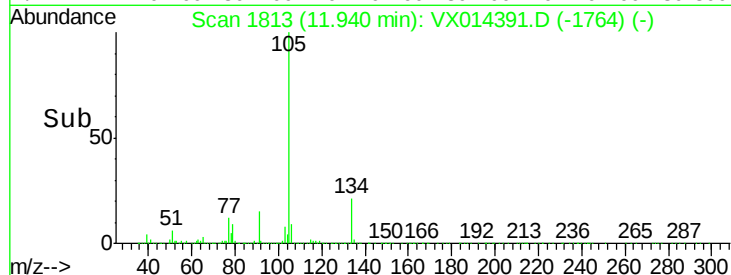
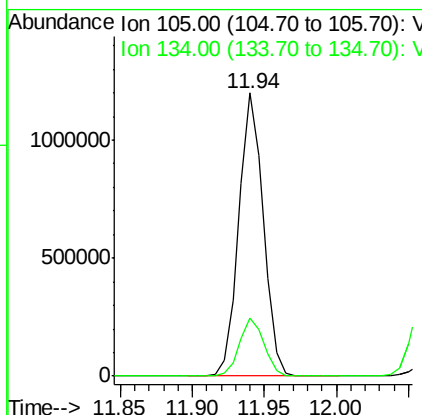
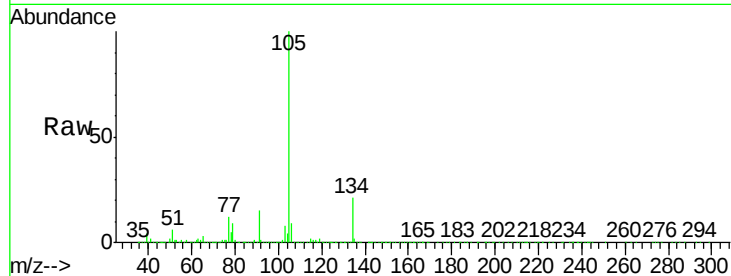
#85
 sec-Butylbenzene
 Concen: 58.036 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tgt Ion:105 Resp: 1419756
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

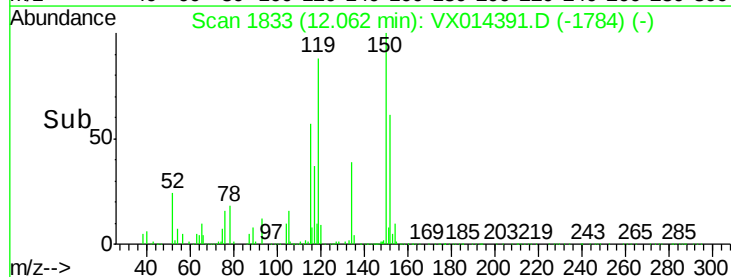
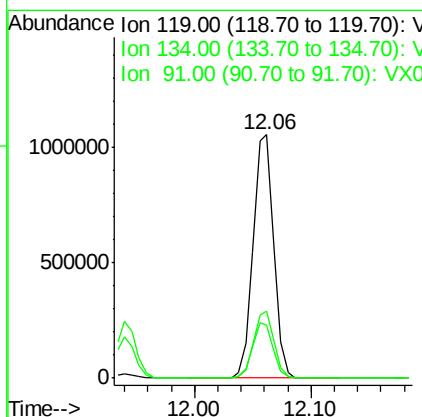
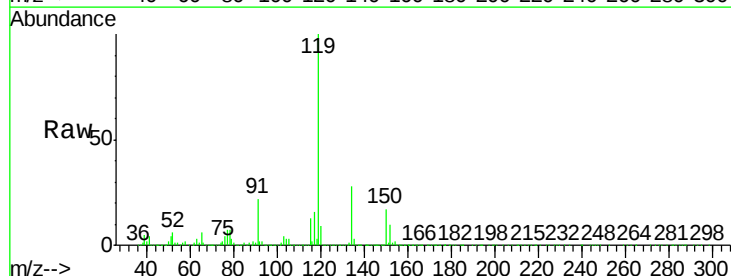
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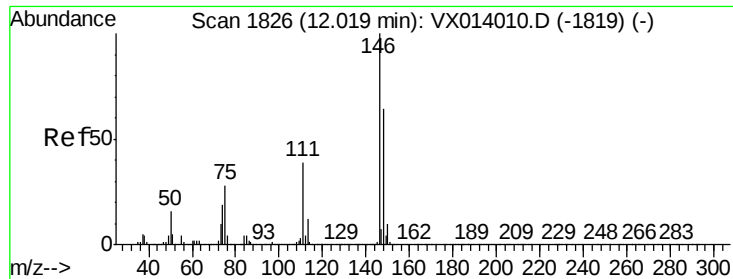
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#86
 p-Isopropyltoluene
 Concen: 58.032 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion:119 Resp: 1298596
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 54.151 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014391.D

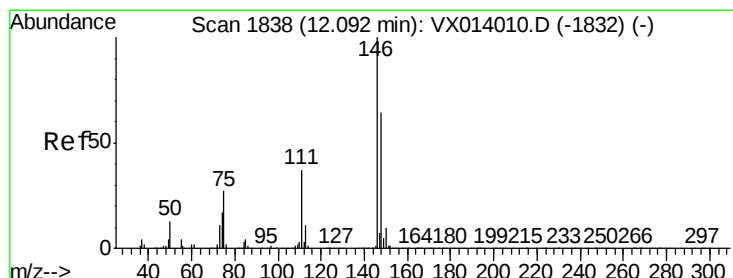
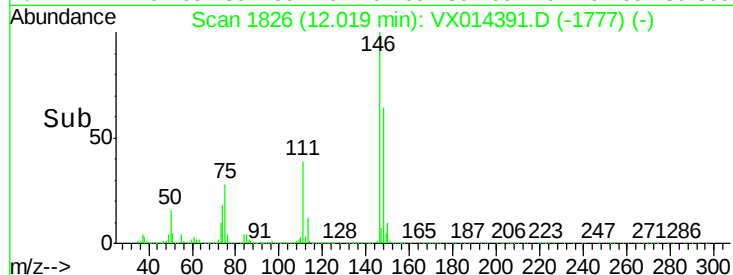
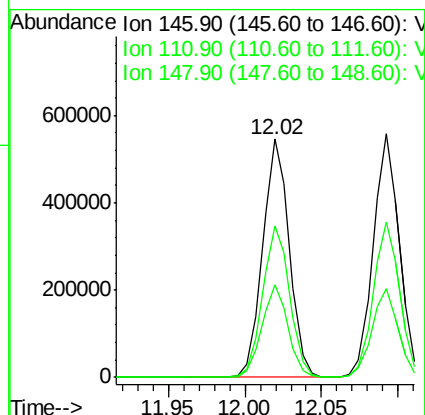
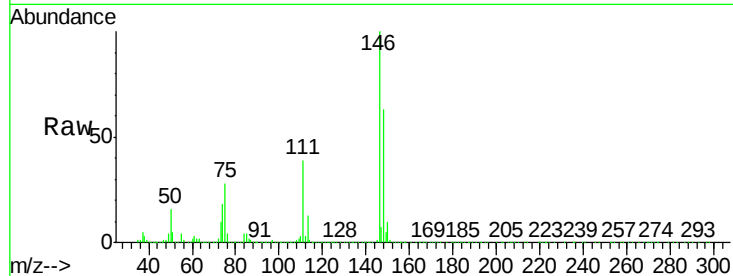
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.6	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 53.381 ug/l

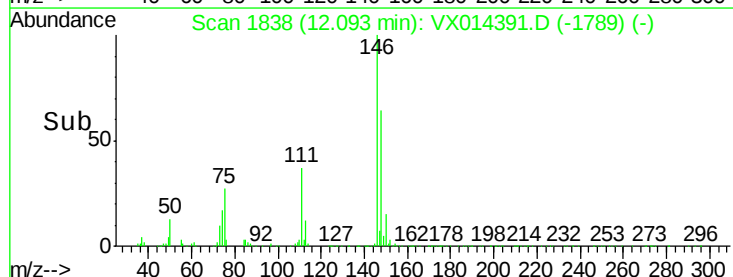
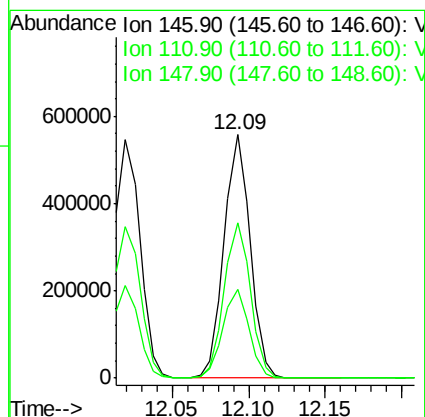
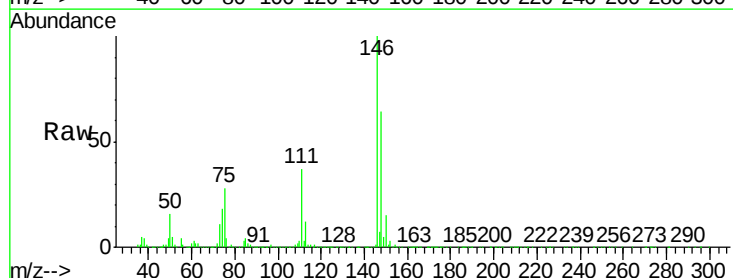
RT: 12.09 min Scan# 1838

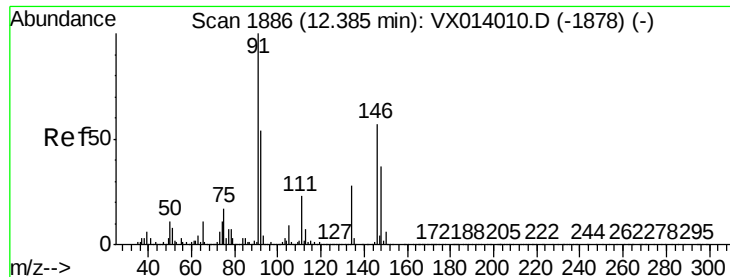
Delta R.T. 0.00 min

Lab File: VX014391.D

Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.4	31.9	95.9





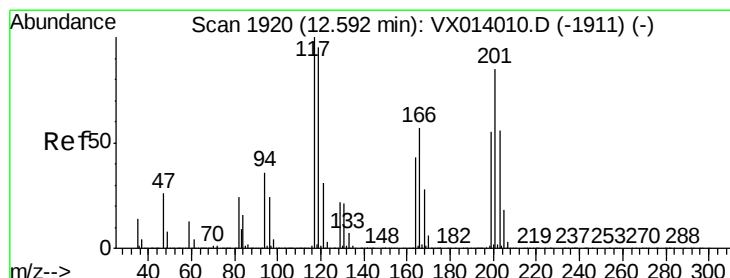
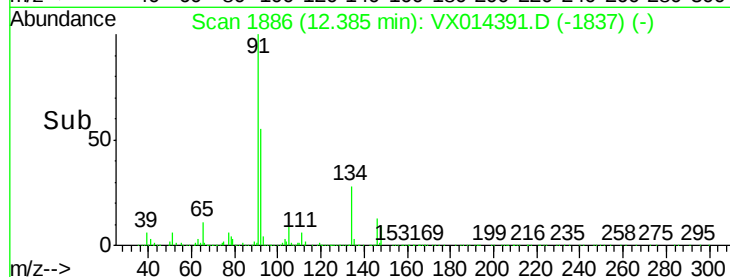
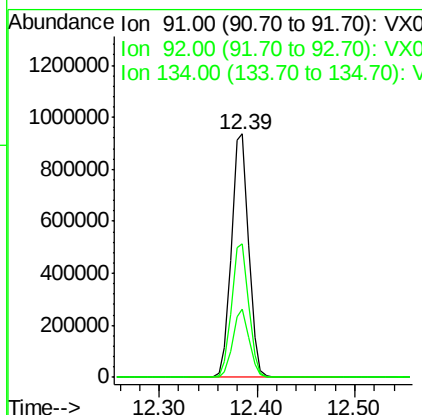
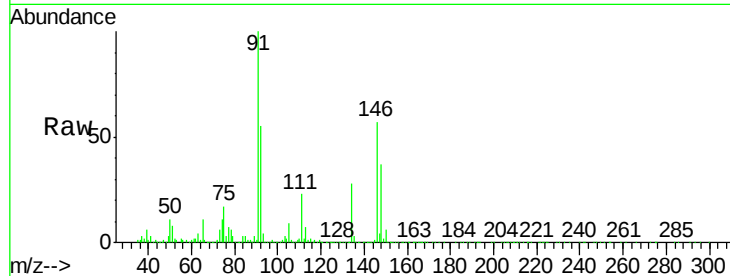
#89
n-Butylbenzene
Concen: 59.885 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	26.8	13.4	40.1

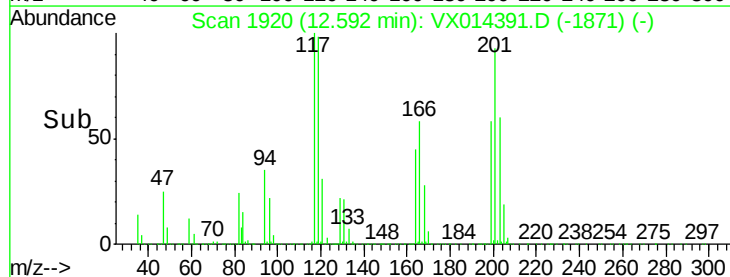
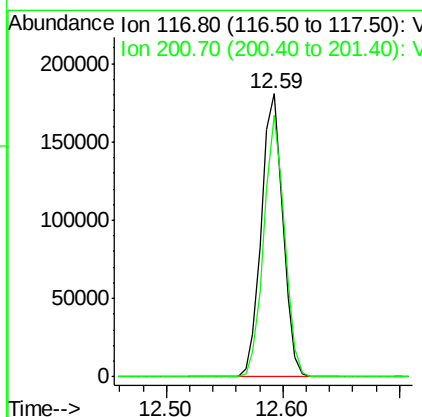
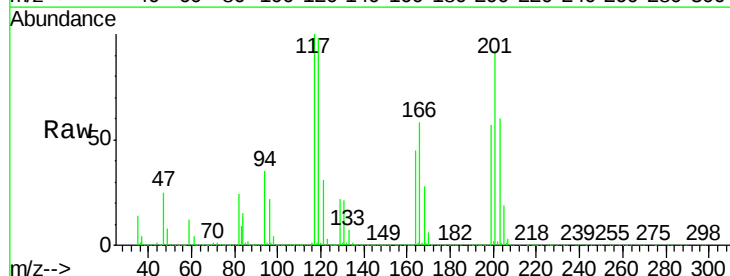
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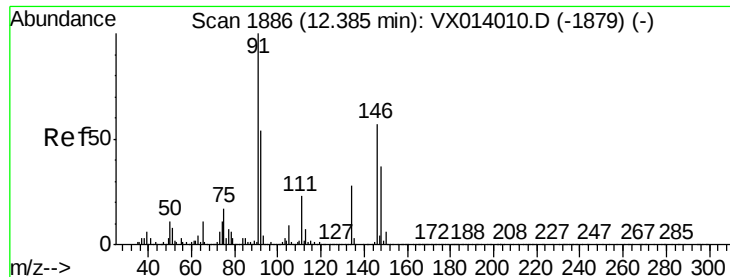
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#90
Hexachloroethane
Concen: 58.532 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	43.1	129.3





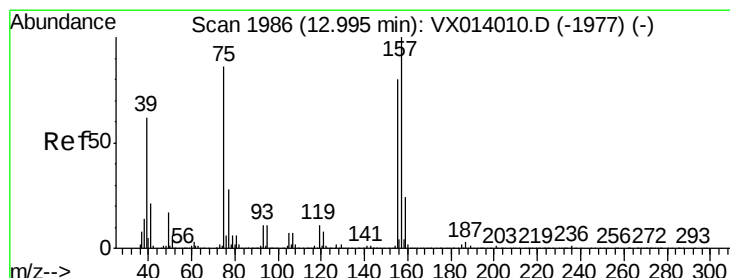
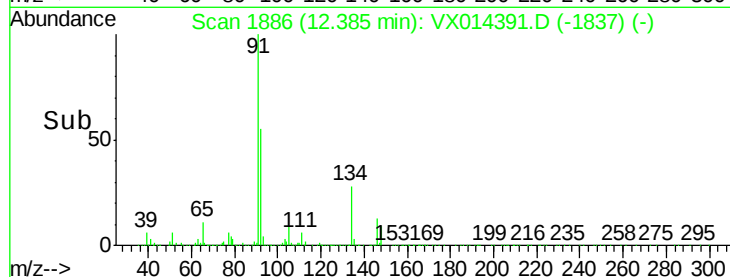
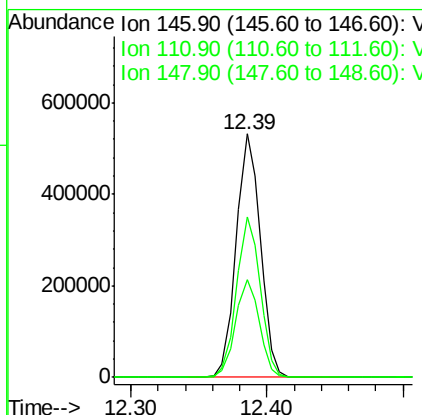
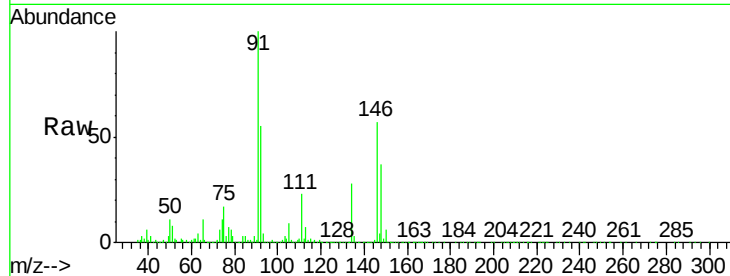
#91
 1,2-Dichlorobenzene
 Concen: 53.666 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	659113		
111	39.7	19.7	59.1	
148	64.7	32.1	96.5	

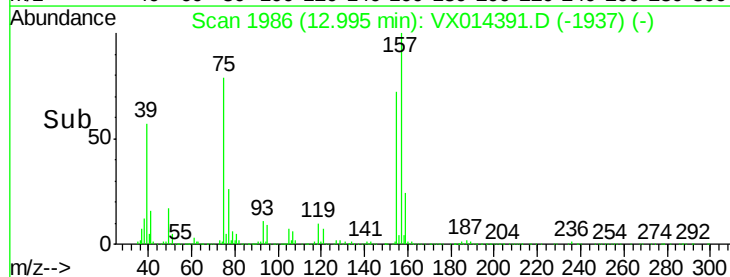
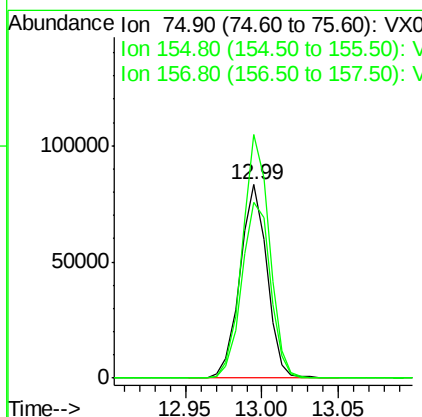
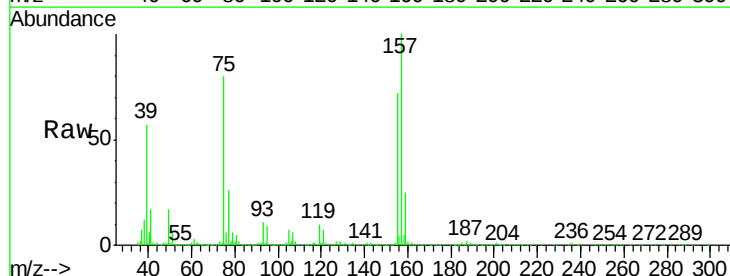
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.562 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014391.D
 Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102031		
155	95.9	46.9	140.6	
157	126.0	60.8	182.4	





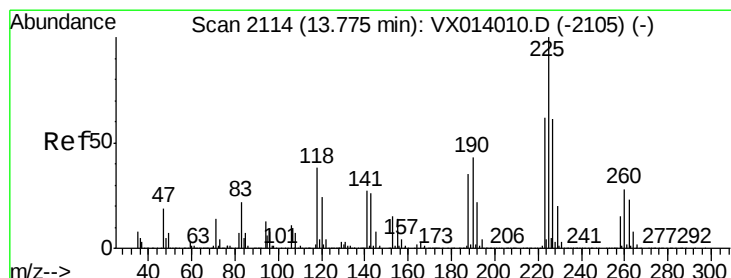
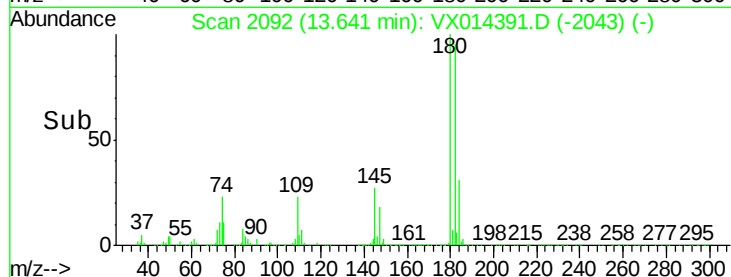
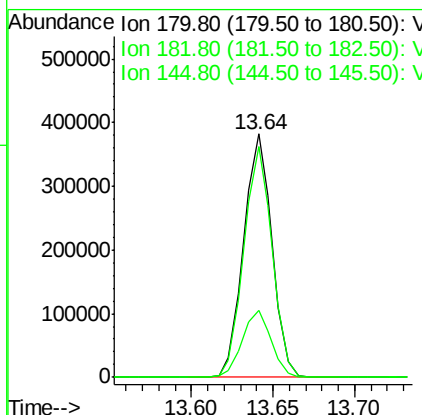
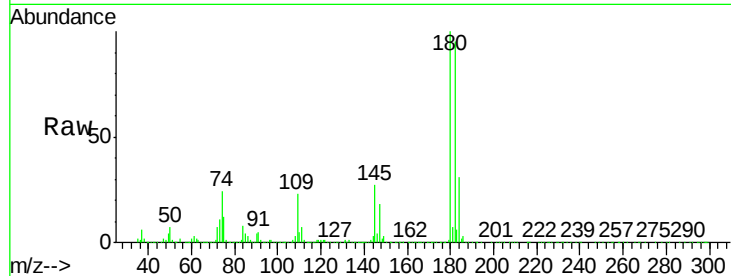
#93
1,2,4-Trichlorobenzene
Concen: 58.033 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	463257		
182	95.0	46.6	139.8	
145	28.2	14.2	42.6	

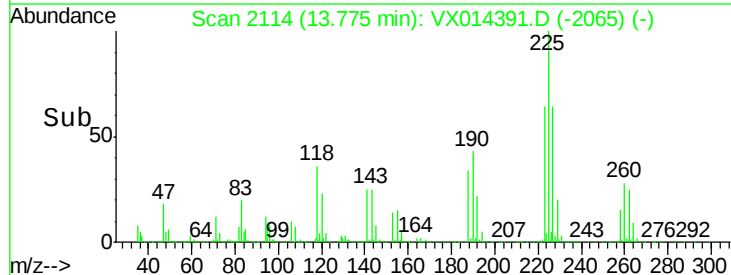
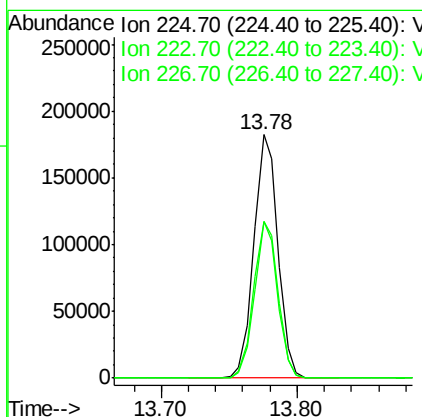
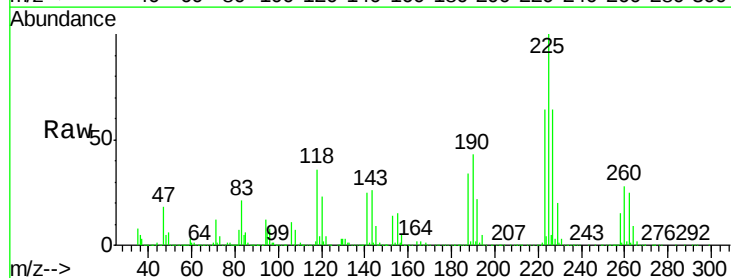
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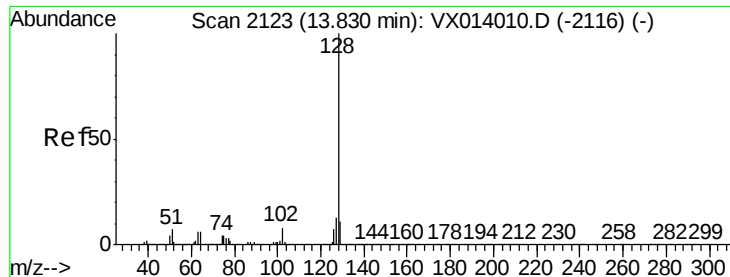
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#94
Hexachlorobutadiene
Concen: 58.917 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	226030		
223	64.0	30.9	92.5	
227	63.4	30.9	92.7	





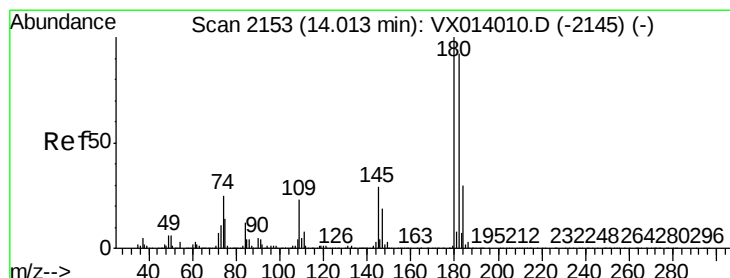
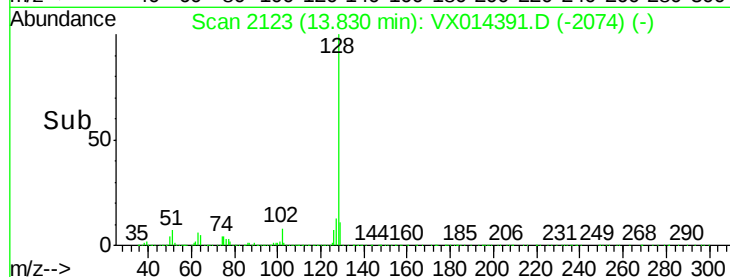
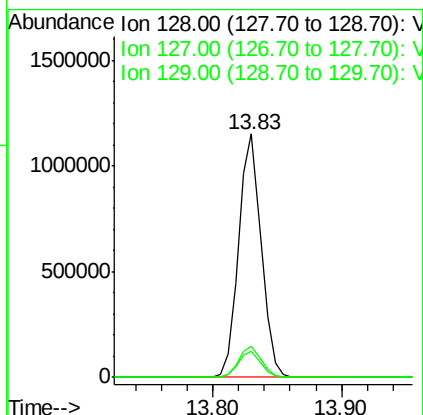
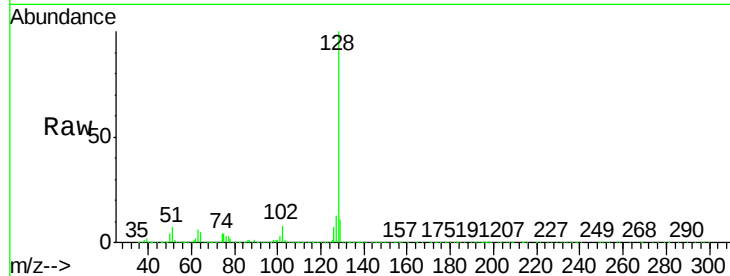
#95
Naphthalene
Concen: 59.801 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/6/2020 10:41:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.731 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014391.D
Acq: 03 Jan 2020 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.8	140.3
145	30.0	14.8	44.4

