

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014111.D
 Acq On : 19 Dec 2019 10:34
 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
 12/20/2019 10:12:31 AM

Quant Time: Dec 20 01:14:27 2019
 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	598872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	884120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	799622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	403699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	319531	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.48	113	263164	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	1032961	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	366709	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	255009	47.597	ug/l	98
3) Chloromethane	1.32	50	337837	46.986	ug/l	99
4) Vinyl Chloride	1.40	62	361580	47.659	ug/l	99
5) Bromomethane	1.63	94	231799	43.047	ug/l	100
6) Chloroethane	1.72	64	224685	47.984	ug/l	94
7) Trichlorofluoromethane	1.92	101	451046	48.026	ug/l	98
8) Diethyl Ether	2.18	74	205594	46.644	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279240	49.324	ug/l	100
10) Methyl Iodide	2.50	142	364125	48.836	ug/l	100
11) Tert butyl alcohol	3.03	59	305188	208.092	ug/l	99
12) 1,1-Dichloroethene	2.36	96	275606	47.842	ug/l	100
13) Acrolein	2.28	56	235738	280.798	ug/l	100
14) Allyl chloride	2.72	41	501571	48.764	ug/l	100
15) Acrylonitrile	3.13	53	821497	239.983	ug/l	99
16) Acetone	2.43	43	900574	204.376	ug/l	100
17) Carbon Disulfide	2.56	76	737430	46.168	ug/l	100
18) Methyl Acetate	2.76	43	415961	47.638	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	904929	47.804	ug/l	100
20) Methylene Chloride	2.84	84	311717	44.922	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	293471	46.241	ug/l	98
22) Diisopropyl ether	3.84	45	1020397	49.783	ug/l	94
23) Vinyl Acetate	3.80	43	4309685	257.655	ug/l	100
24) 1,1-Dichloroethane	3.69	63	541248	47.463	ug/l	100
25) 2-Butanone	4.65	43	1245093	229.187	ug/l	98
26) 2,2-Dichloropropane	4.57	77	429981	48.564	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	339059	47.238	ug/l	99
28) Bromochloromethane	5.00	49	221694	50.545	ug/l	98
29) Tetrahydrofuran	5.11	42	729776	240.167	ug/l	98
30) Chloroform	5.20	83	520733	48.170	ug/l	99
31) Cyclohexane	5.56	56	507741	50.061	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	441925	47.966	ug/l	99
36) 1,1-Dichloropropene	5.79	75	406051	50.054	ug/l	99
37) Ethyl Acetate	4.81	43	443634	49.522	ug/l	100
38) Carbon Tetrachloride	5.77	117	379244	51.317	ug/l	98

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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)
39) Methylcyclohexane	7.45	83	519760	51.889	ug/l	98
40) Benzene	6.13	78	1237207	49.566	ug/l	99
41) Methacrylonitrile	5.02	41	254678	51.238	ug/l	96
42) 1,2-Dichloroethane	6.18	62	418957	49.516	ug/l	100
43) Isopropyl Acetate	6.43	43	736691	49.691	ug/l	100
44) Trichloroethene	7.20	130	334712	48.549	ug/l	100
45) 1,2-Dichloropropane	7.50	63	326519	51.038	ug/l	98
46) Dibromomethane	7.65	93	206700	48.868	ug/l	99
47) Bromodichloromethane	7.89	83	409154	51.361	ug/l	98
48) Methyl methacrylate	7.76	41	369758	50.933	ug/l	98
49) 1,4-Dioxane	7.73	88	138933	940.418	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2285545	245.476	ug/l	99
52) Toluene	8.78	92	782921	49.625	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	454340	52.014	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	510930	52.504	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	314525	49.741	ug/l	99
56) Ethyl methacrylate	9.17	69	500147	50.354	ug/l	100
57) 1,3-Dichloropropane	9.36	76	531245	49.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	925526	246.224	ug/l	100
59) 2-Hexanone	9.48	43	1787934	238.547	ug/l	99
60) Dibromochloromethane	9.57	129	329334	52.398	ug/l	99
61) 1,2-Dibromoethane	9.67	107	325134	50.255	ug/l	99
64) Tetrachloroethene	9.33	164	336098	47.501	ug/l	99
65) Chlorobenzene	10.14	112	834814	49.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	305266	50.285	ug/l	99
67) Ethyl Benzene	10.24	91	1493624	51.098	ug/l	98
68) m/p-Xylenes	10.35	106	1132200	100.708	ug/l	99
69) o-Xylene	10.70	106	551088	49.981	ug/l	99
70) Styrene	10.71	104	947927	50.842	ug/l	99
71) Bromoform	10.85	173	248272	50.878	ug/l #	100
73) Isopropylbenzene	11.01	105	1458722	51.321	ug/l	100
74) N-amyl acetate	10.89	43	658159	49.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	481984	48.912	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	389371m	44.427	ug/l	
77) Bromobenzene	11.25	156	373183	47.720	ug/l	99
78) n-propylbenzene	11.35	91	1680512	52.710	ug/l	100
79) 2-Chlorotoluene	11.42	91	974793	50.298	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1226011	51.252	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	161488	52.007	ug/l	98
82) 4-Chlorotoluene	11.51	91	1131397	50.328	ug/l	99
83) tert-Butylbenzene	11.76	119	1194347	51.305	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1238271	51.690	ug/l	99
85) sec-Butylbenzene	11.94	105	1442815	52.500	ug/l	99
86) p-Isopropyltoluene	12.06	119	1332159	52.992	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	660826	48.214	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	670077	48.081	ug/l	99
89) n-Butylbenzene	12.38	91	1168290	54.466	ug/l	100
90) Hexachloroethane	12.59	117	229583	50.845	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	668645	48.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	98387	45.118	ug/l	98

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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	449361	50.109	ug/l	99
94) Hexachlorobutadiene	13.77	225	211773	49.137	ug/l	97
95) Naphthalene	13.83	128	1325925	50.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	449410	50.767	ug/l	100

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

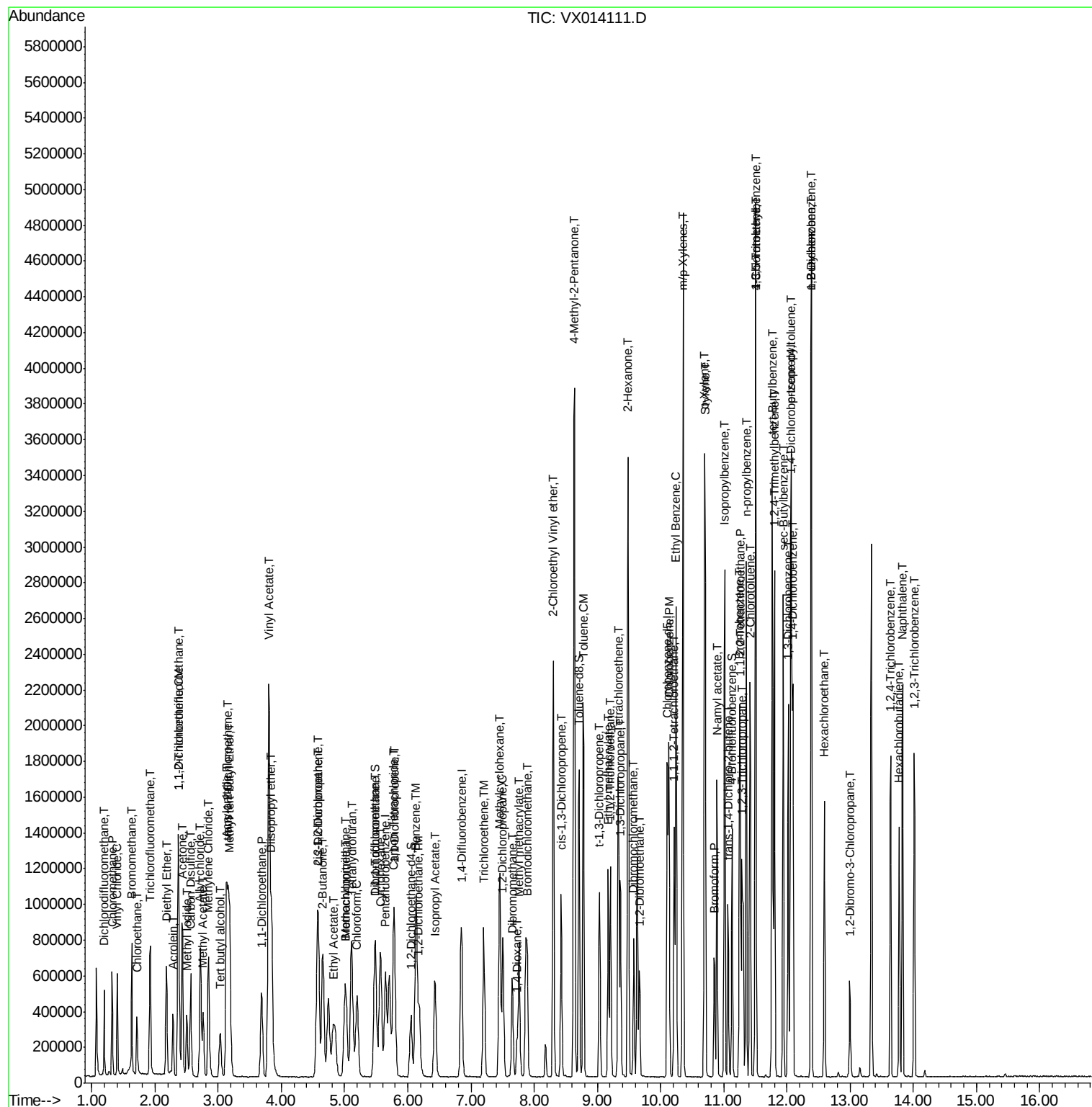
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 Data File : VX014111.D
 Acq On : 19 Dec 2019 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
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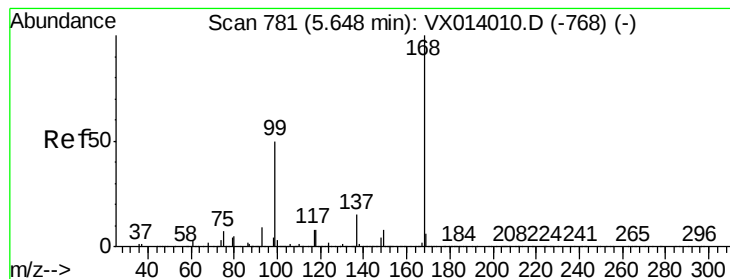
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

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#1

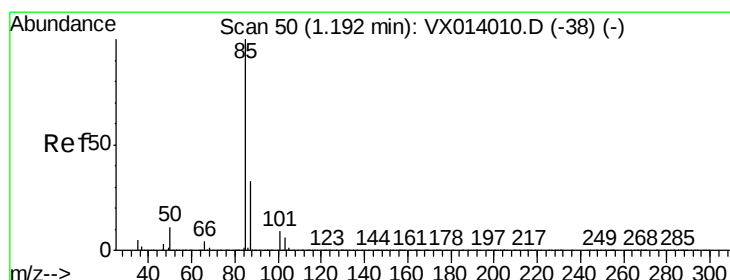
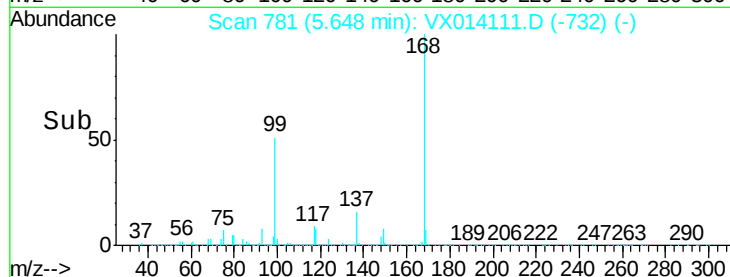
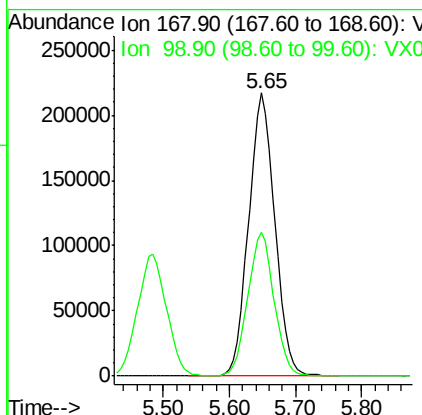
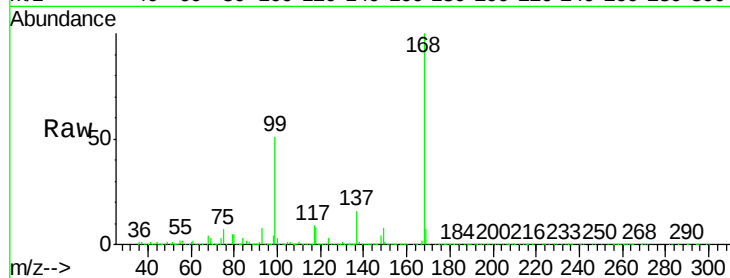
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.3	60.5

Manual Integrations
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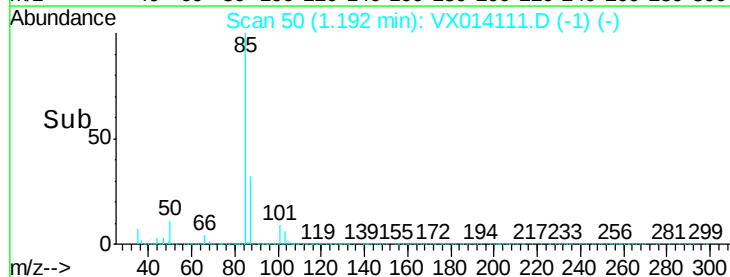
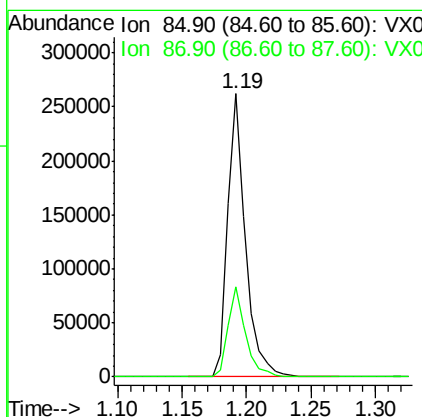
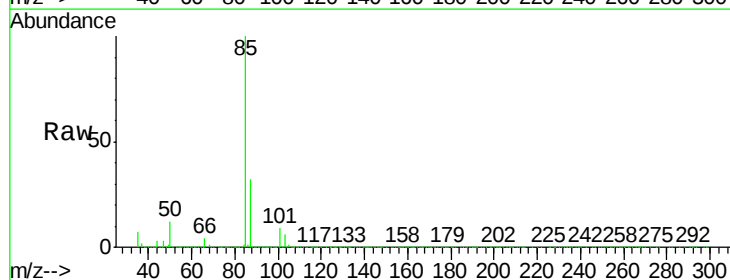
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 12/20/2019 10:12:31 AM

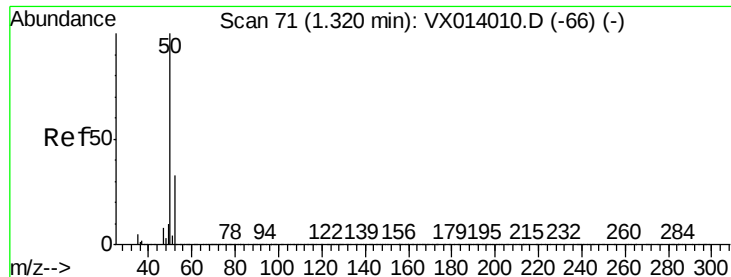


#2

Dichlorodifluoromethane
 Concen: 47.597 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.4	49.2





#3

Chloromethane

Concen: 46.986 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 337837

Ion Ratio Lower Upper

50 100

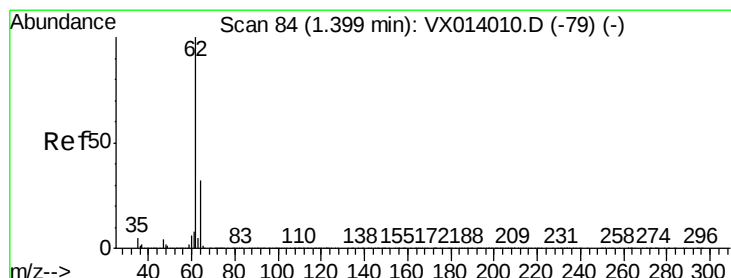
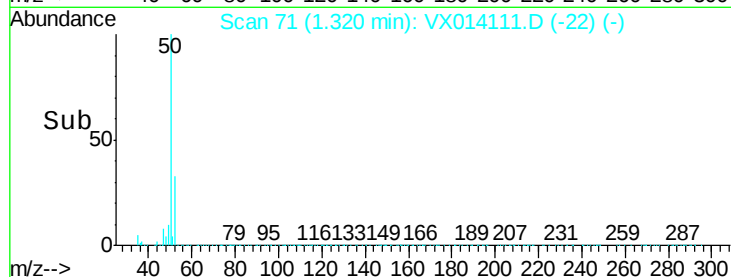
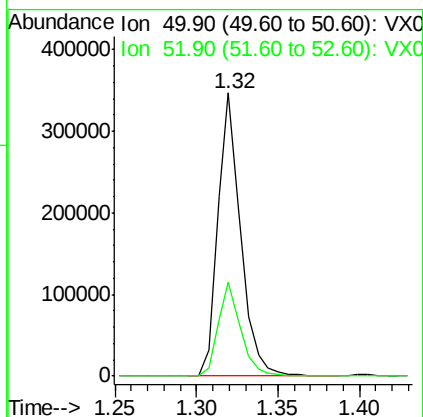
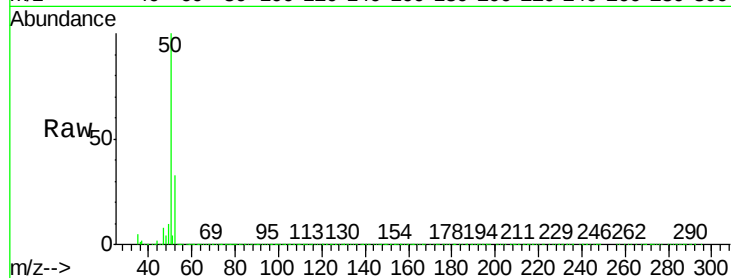
52 33.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.659 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014111.D

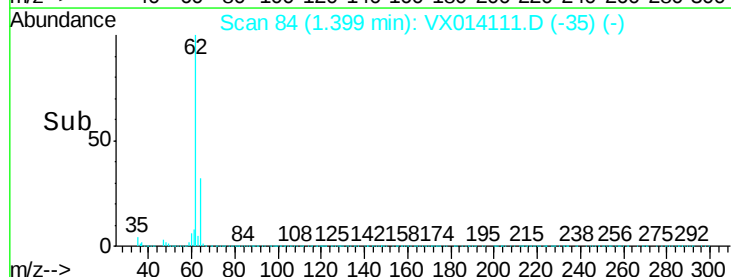
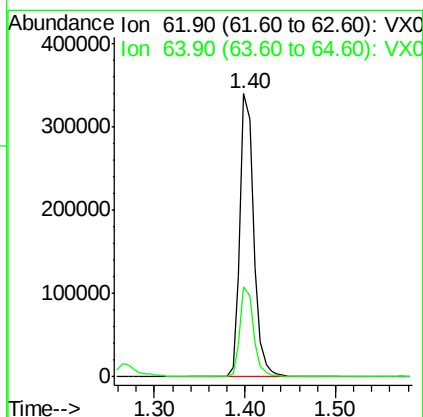
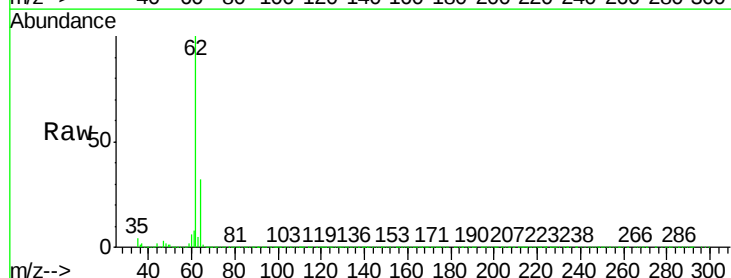
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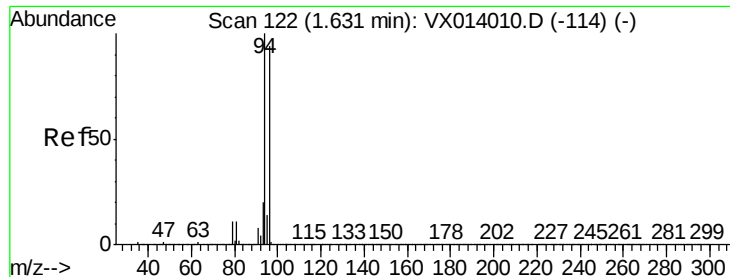
Tgt Ion: 62 Resp: 361580

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 43.047 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 231799

Ion Ratio Lower Upper

94 100

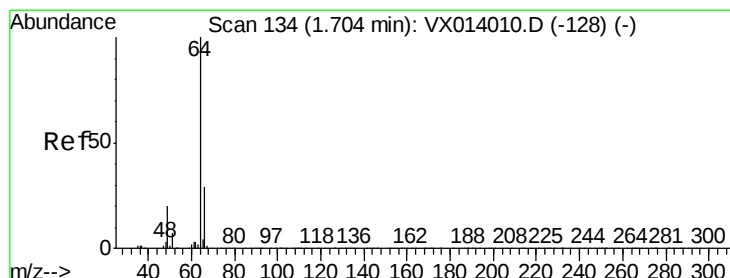
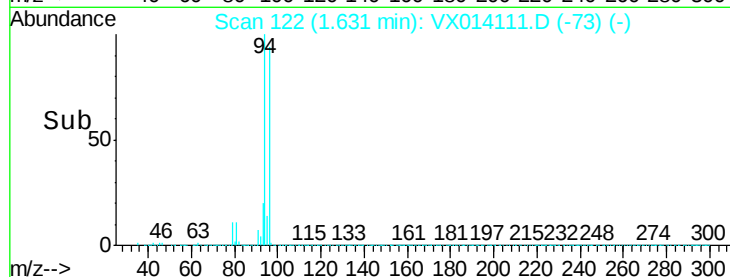
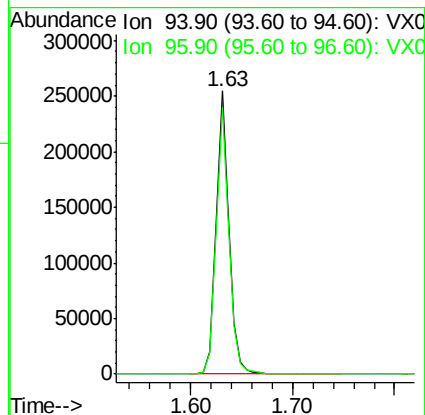
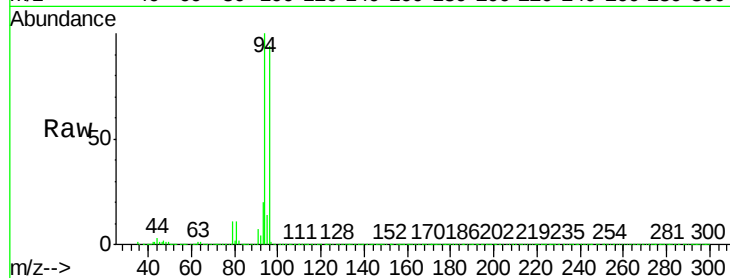
96 94.2 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 47.984 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014111.D

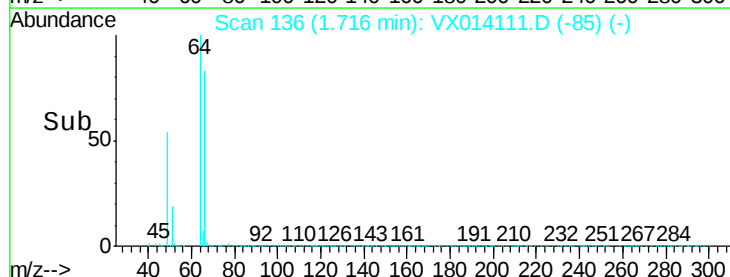
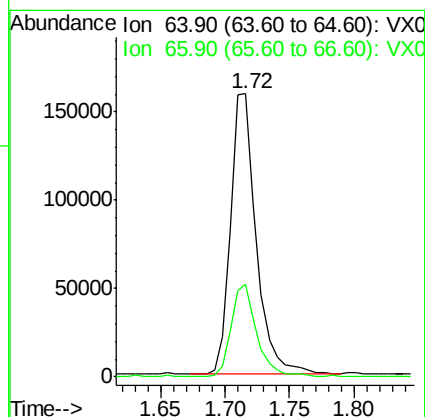
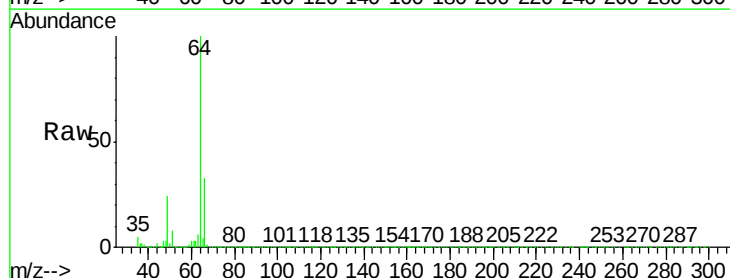
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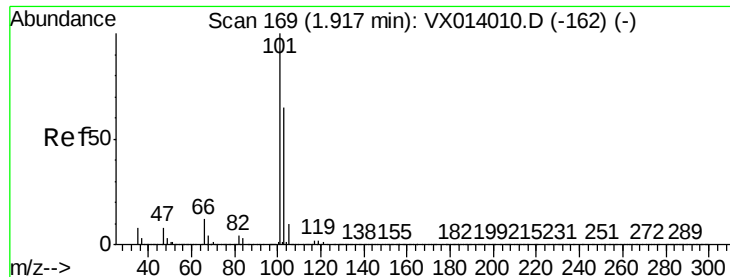
Tgt Ion: 64 Resp: 224685

Ion Ratio Lower Upper

64 100

66 32.7 23.4 35.2





#7

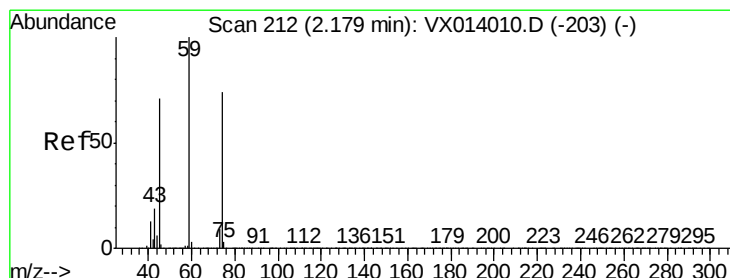
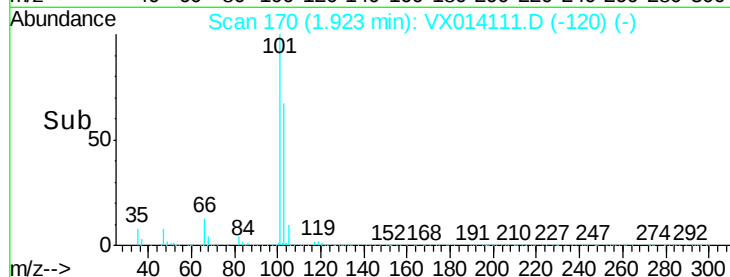
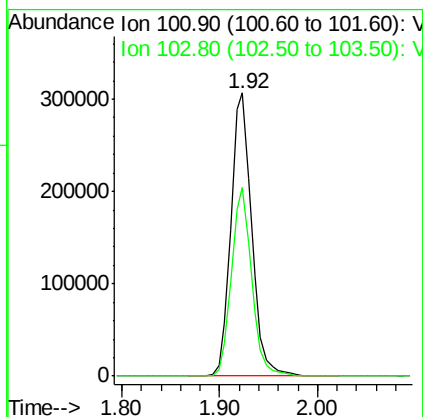
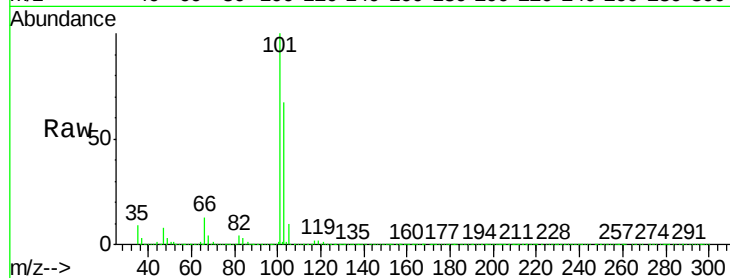
Trichlorofluoromethane
Concen: 48.026 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

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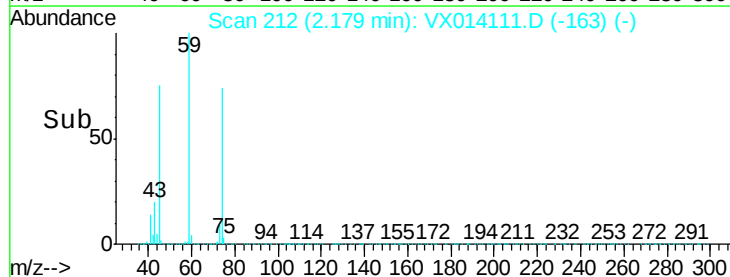
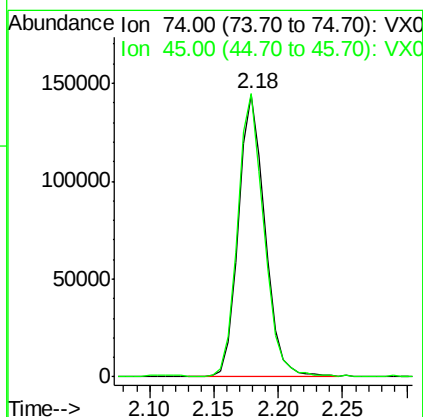
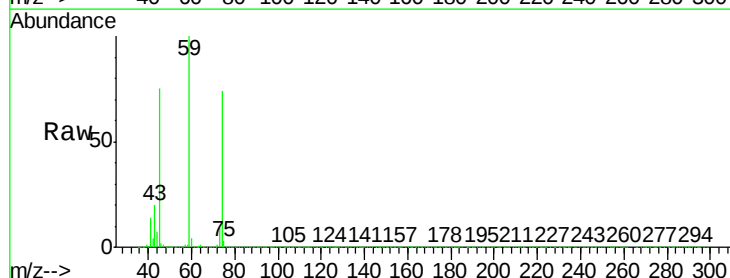
apatel
12/20/2019 10:12:31 AM



#8

Diethyl Ether
Concen: 46.644 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.324 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

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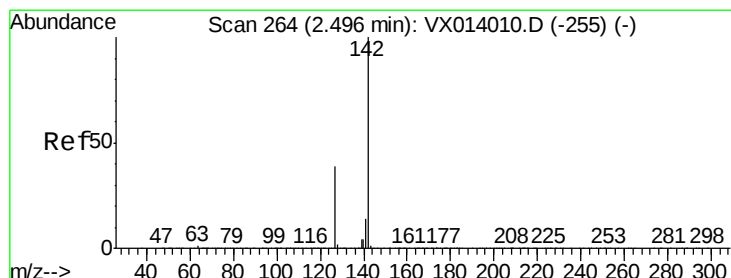
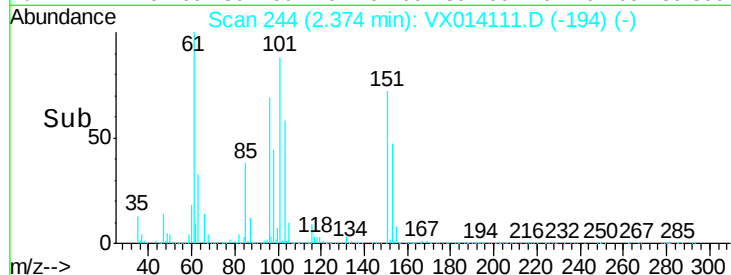
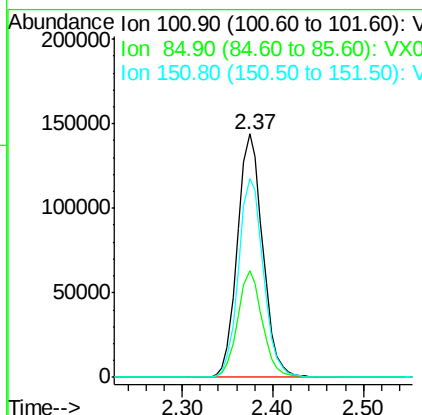
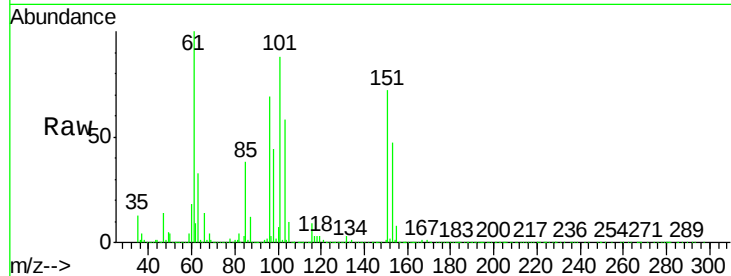
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	279240
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	80.5	64.5	96.7

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#10

Methyl Iodide

Concen: 48.836 ug/l

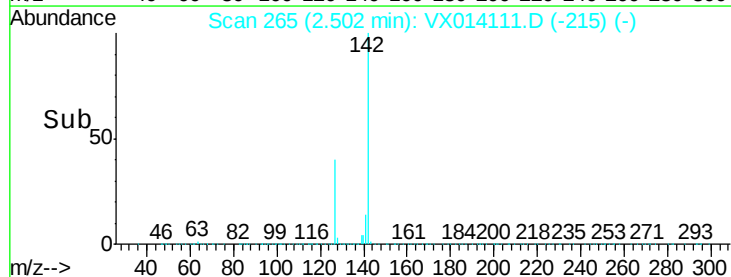
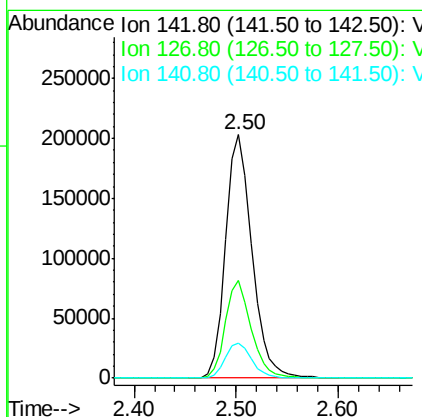
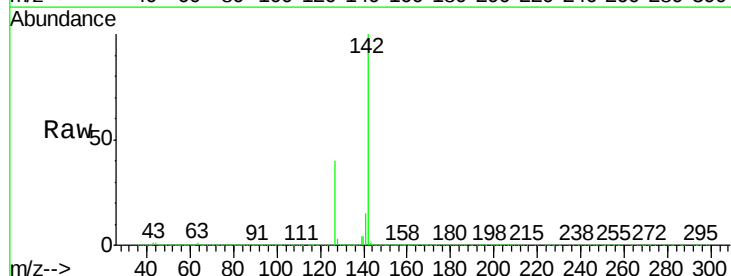
RT: 2.50 min Scan# 265

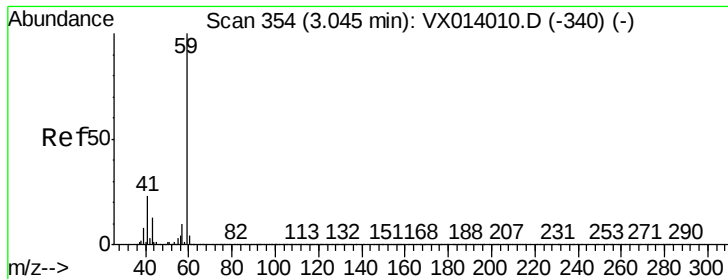
Delta R.T. 0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	142	Resp:	364125
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.6	47.4
141	14.4	11.6	17.4





#11

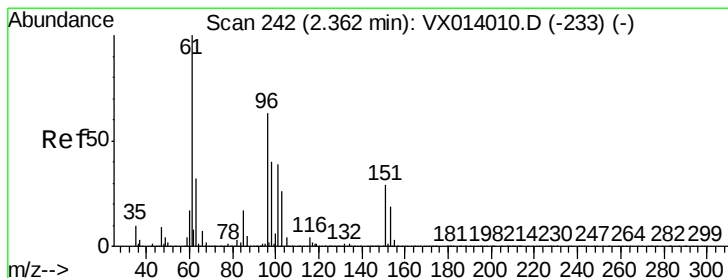
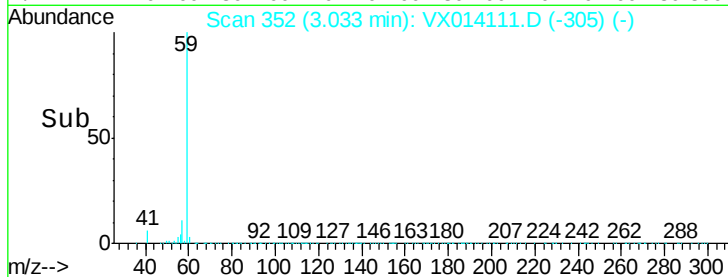
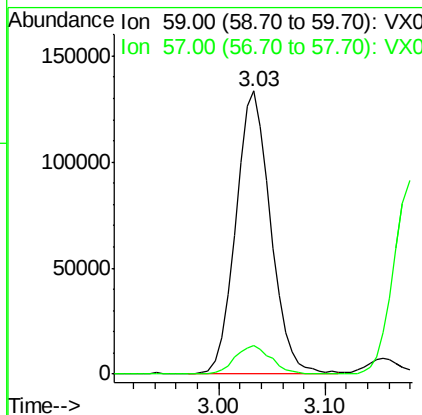
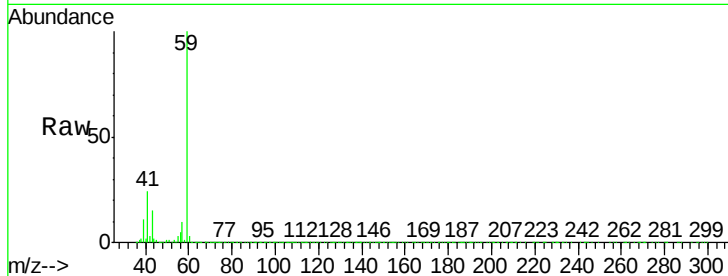
Tert butyl alcohol
Concen: 208.092 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

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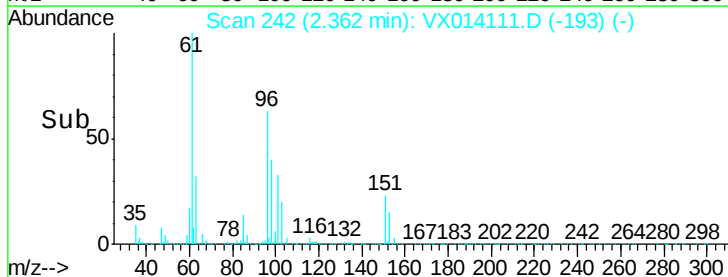
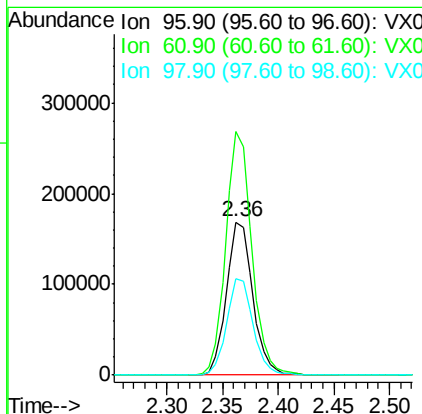
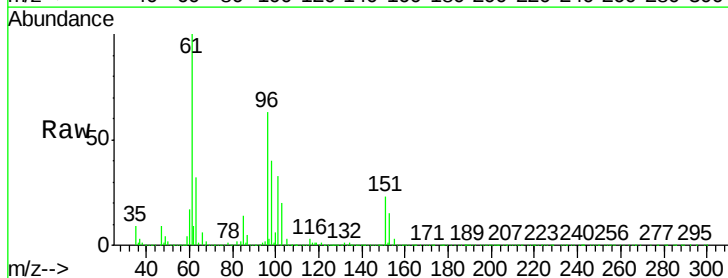
apatel
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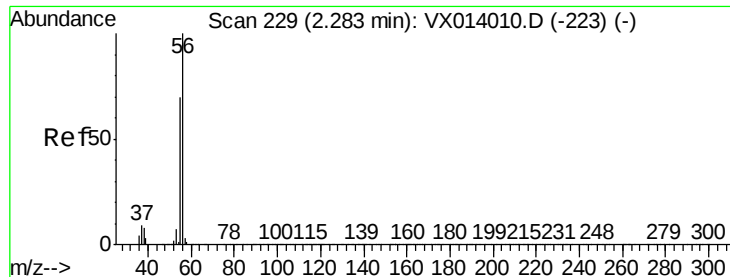


#12

1,1-Dichloroethene
Concen: 47.842 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	127.9	191.9
98	63.1	50.5	75.7





#13

Acrolein

Concen: 280.798 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 235738

Ion Ratio Lower Upper

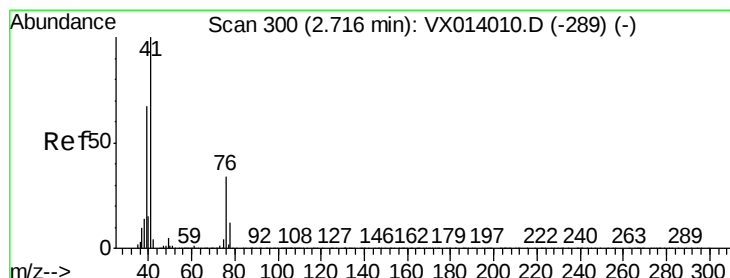
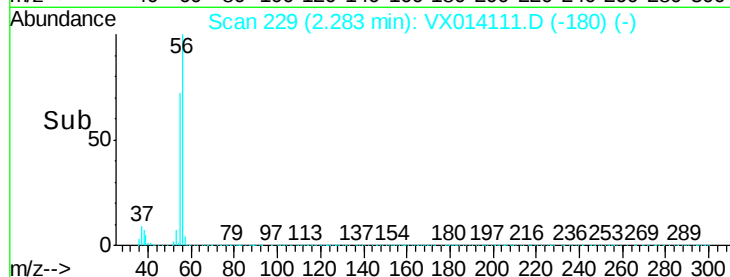
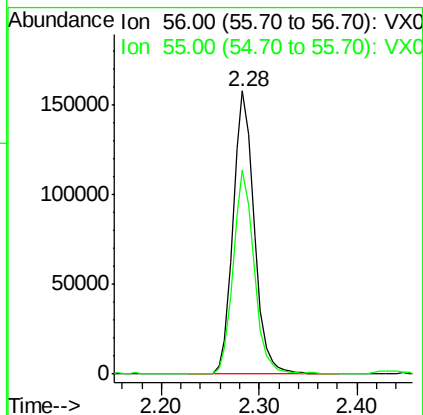
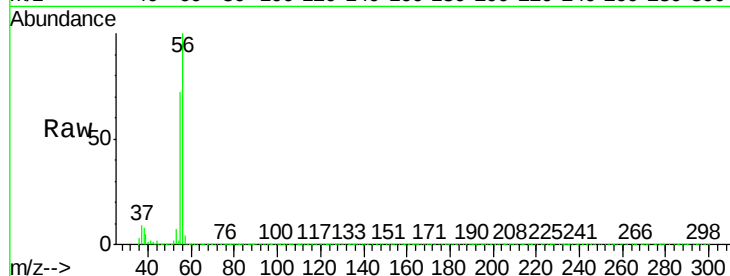
56 100

55 71.3 56.9 85.3

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#14

Allyl chloride

Concen: 48.764 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

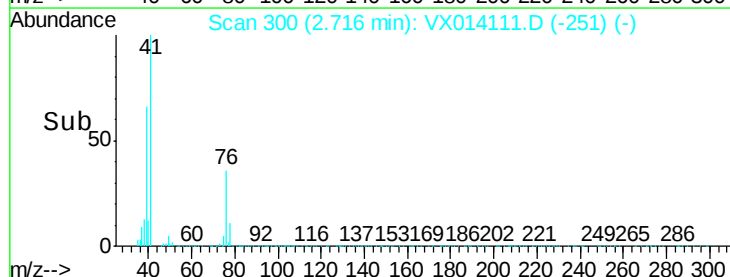
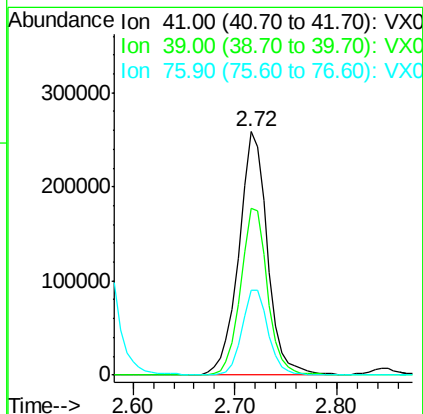
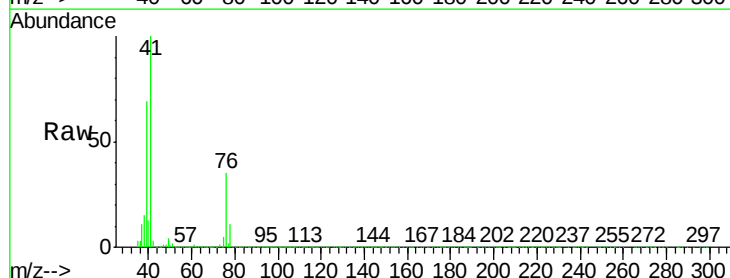
Tgt Ion: 41 Resp: 501571

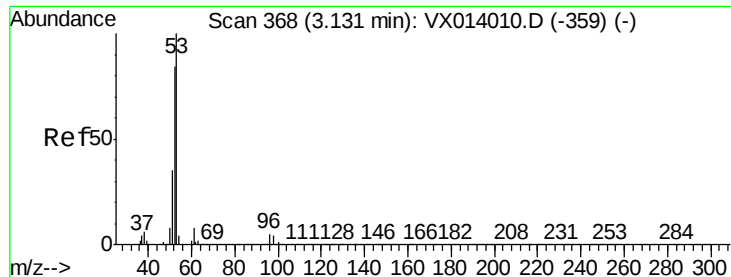
Ion Ratio Lower Upper

41 100

39 64.4 51.8 77.8

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 239.983 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

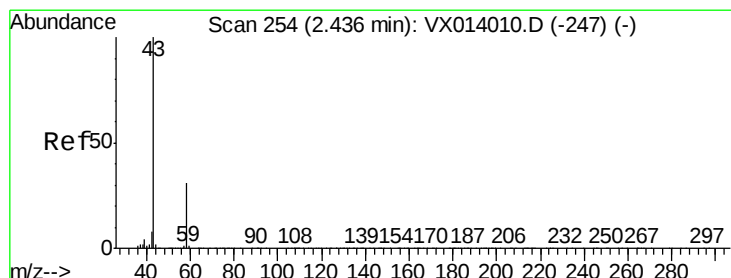
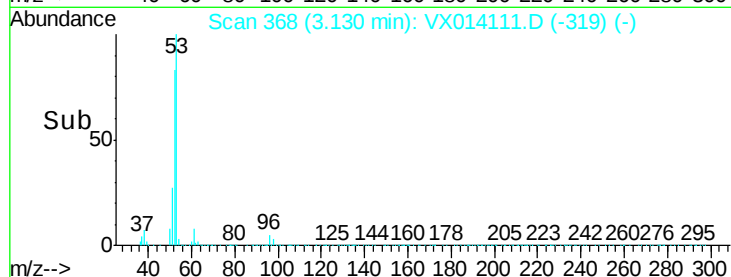
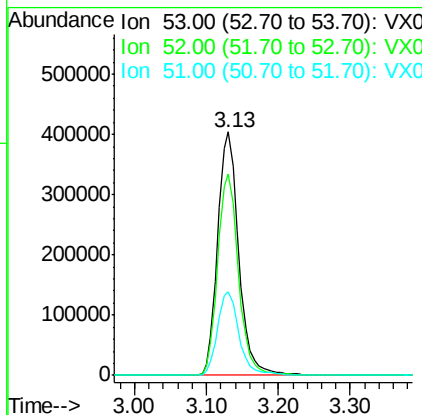
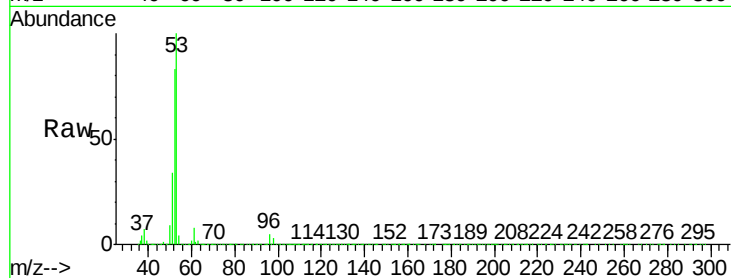
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	821497
Ion Ratio		Lower	Upper
53	100		
52	81.6	66.5	99.7
51	34.9	28.1	42.1

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#16

Acetone

Concen: 204.376 ug/l

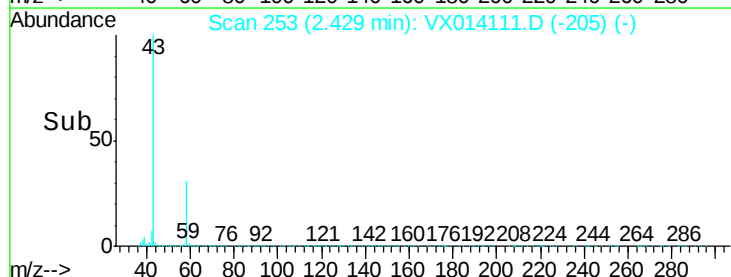
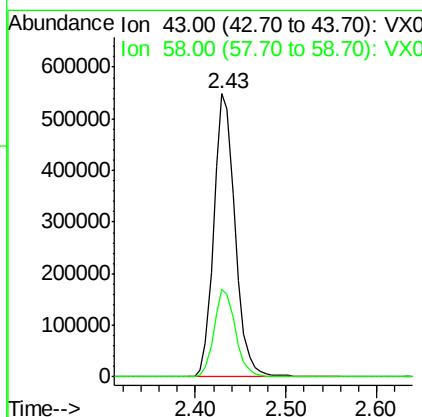
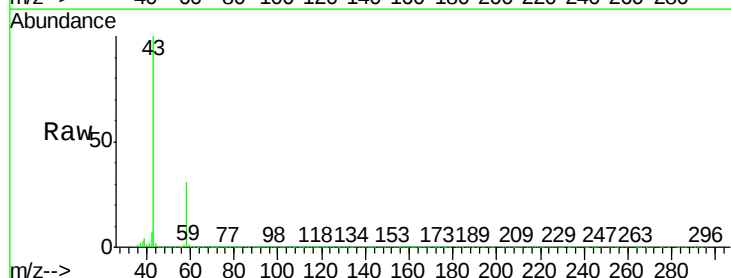
RT: 2.43 min Scan# 253

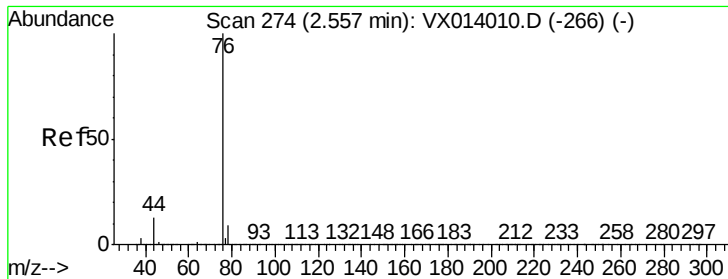
Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	43	Resp:	900574
Ion Ratio		Lower	Upper
43	100		
58	30.9	24.9	37.3





#17

Carbon Disulfide

Concen: 46.168 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 737430

Ion Ratio Lower Upper

76 100

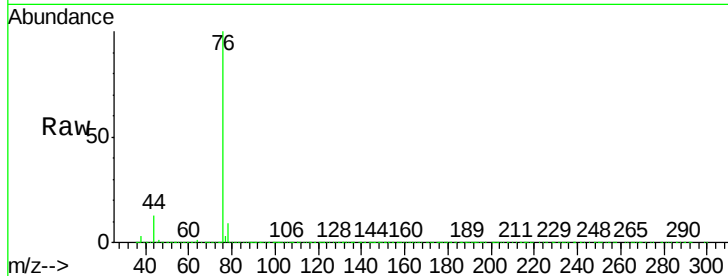
78 8.9 7.2 10.8

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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

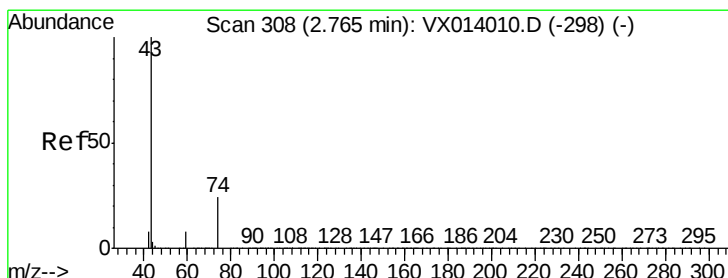
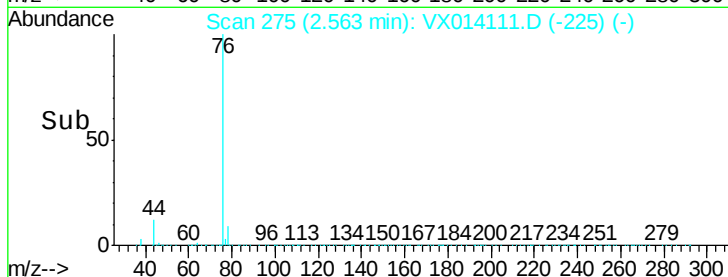
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 47.638 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014111.D

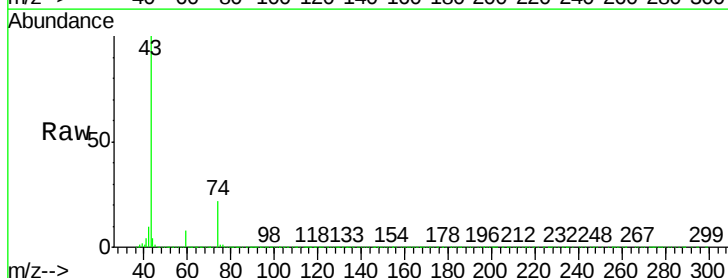
Acq: 19 Dec 2019 10:34

Tgt Ion: 43 Resp: 415961

Ion Ratio Lower Upper

43 100

74 23.3 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

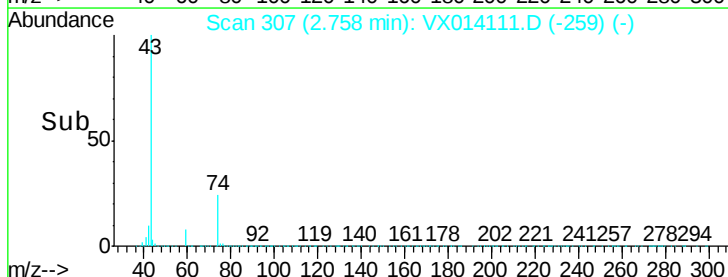
150000

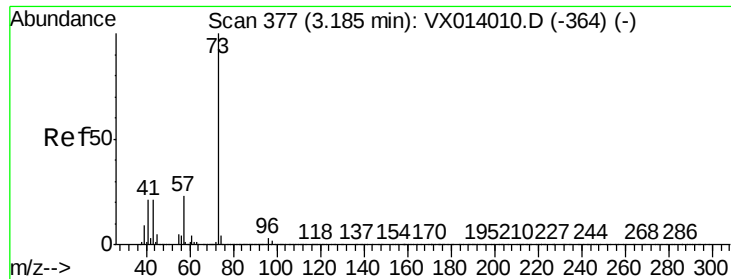
100000

50000

0

Time-->





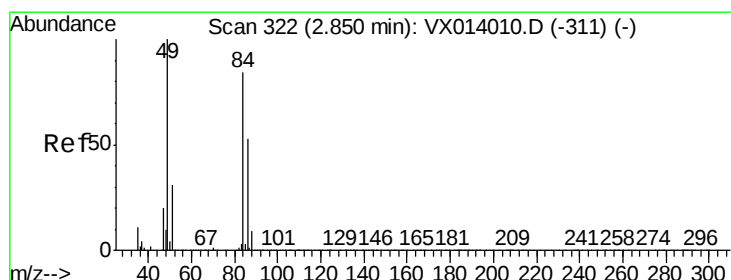
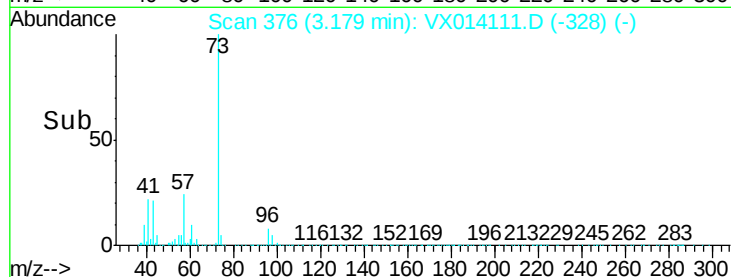
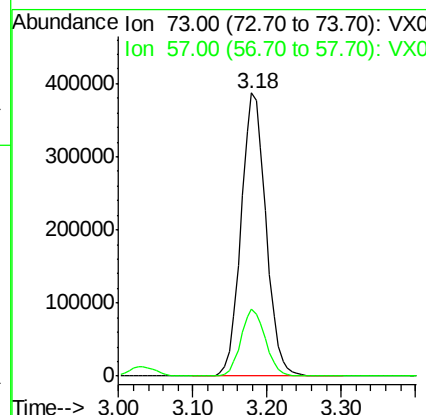
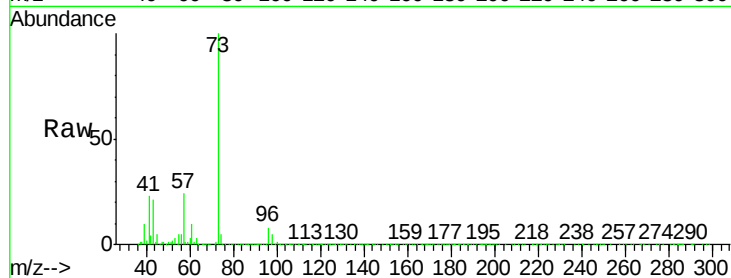
#19
Methyl tert-butyl Ether
Concen: 47.804 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2

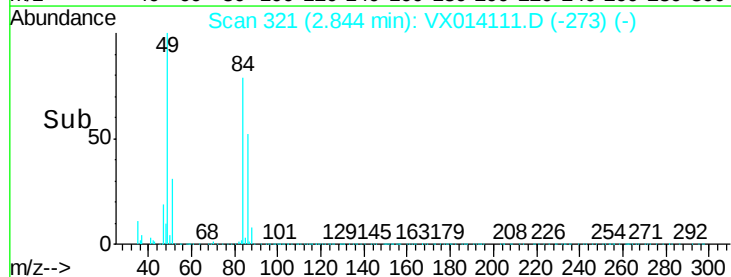
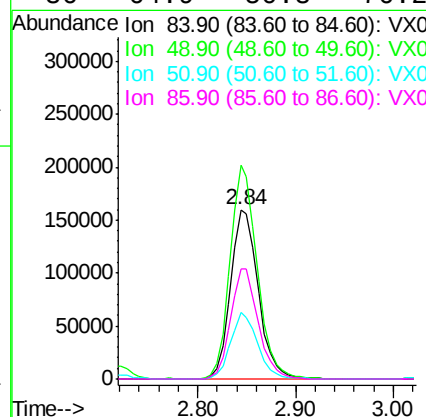
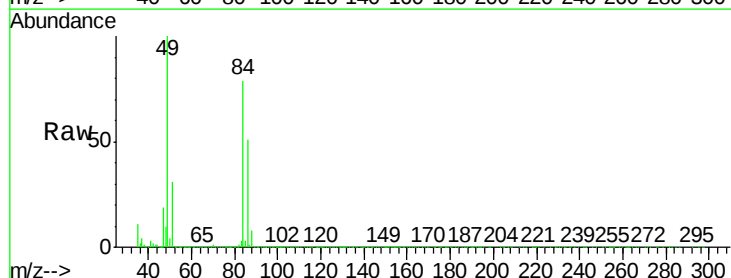
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#20
Methylene Chloride
Concen: 44.922 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.4	95.8	143.6
51	39.2	29.8	44.8
86	64.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 46.241 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

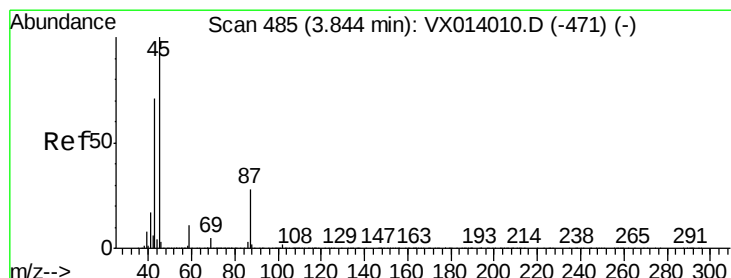
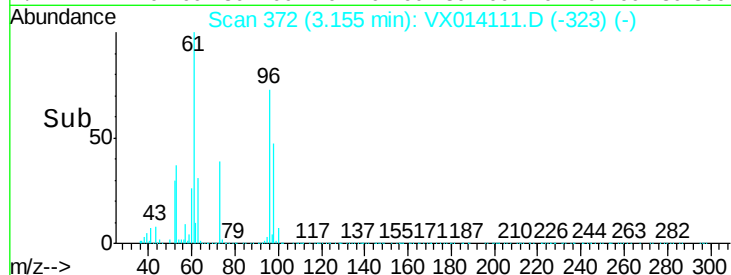
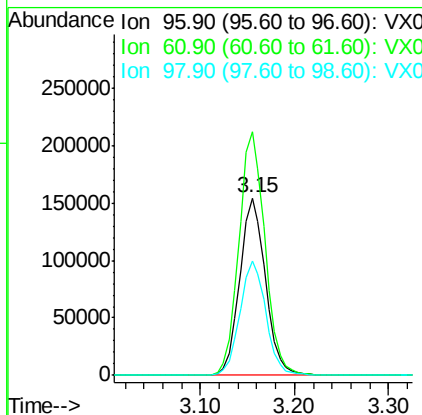
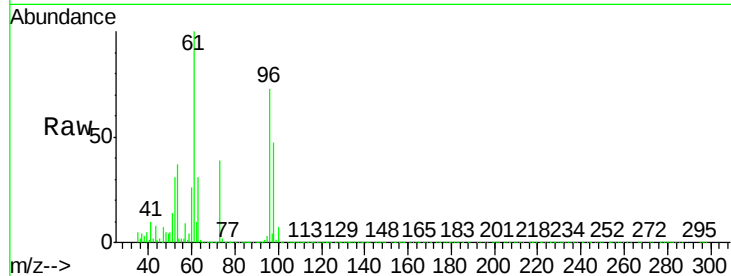
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	293471
Ion Ratio	Lower	Upper	
96	100		
61	137.1	108.3	162.5
98	64.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 49.783 ug/l

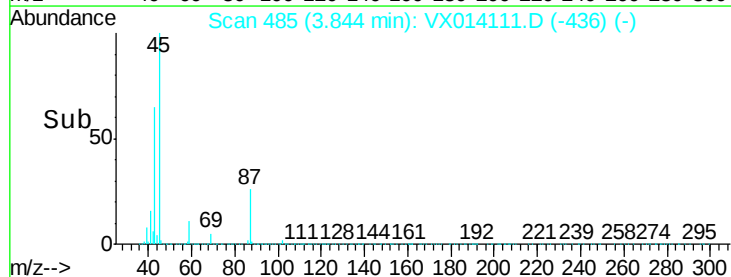
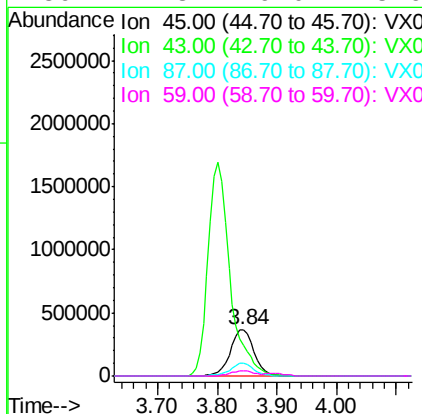
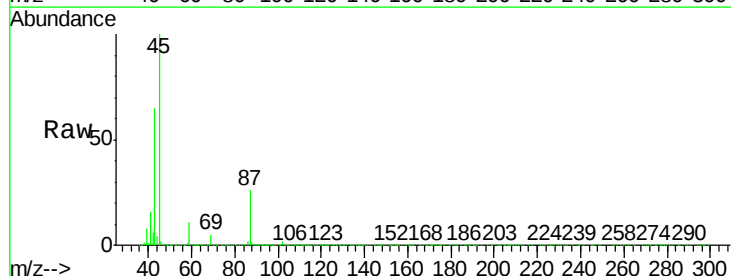
RT: 3.84 min Scan# 485

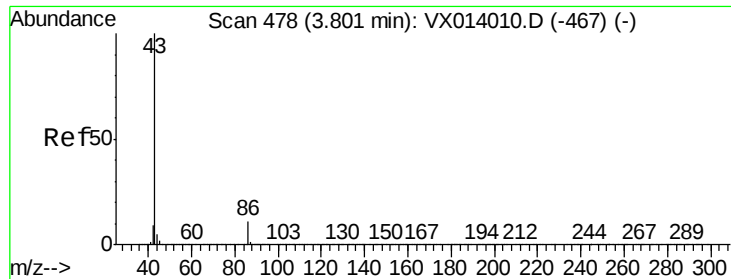
Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	45	Resp:	1020397
Ion Ratio	Lower	Upper	
45	100		
43	65.0	57.4	86.0
87	26.2	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 257.655 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4309685

Ion Ratio Lower Upper

43 100

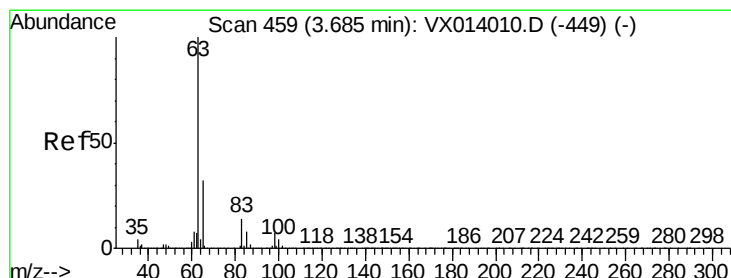
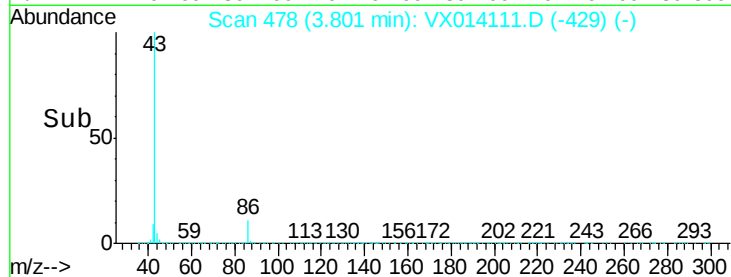
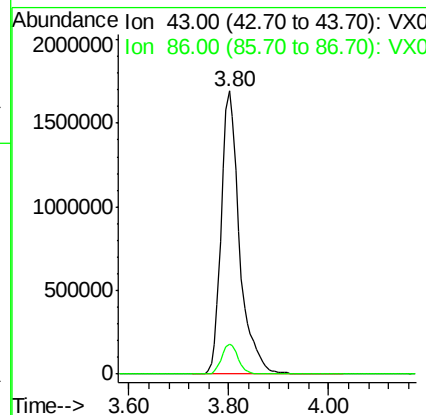
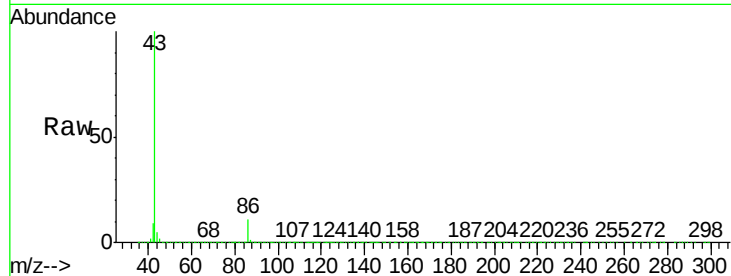
86 10.6 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.463 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

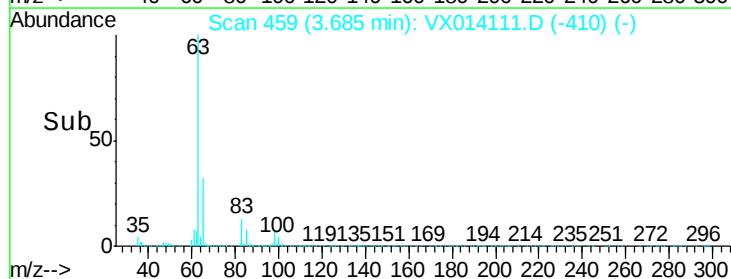
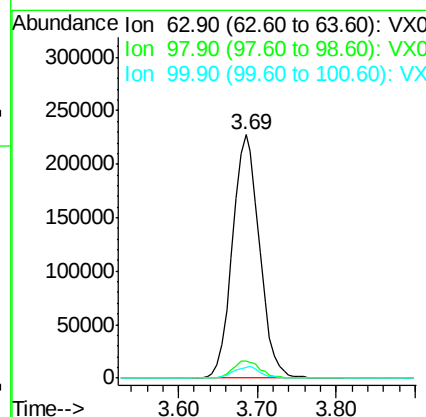
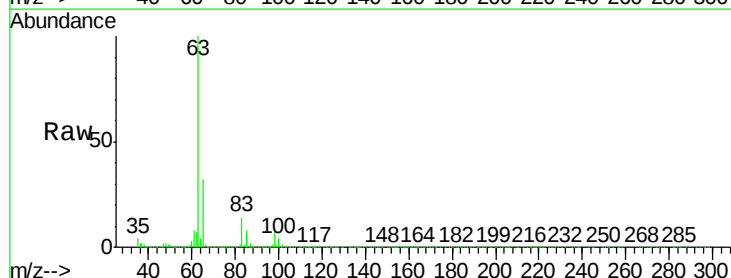
Tgt Ion: 63 Resp: 541248

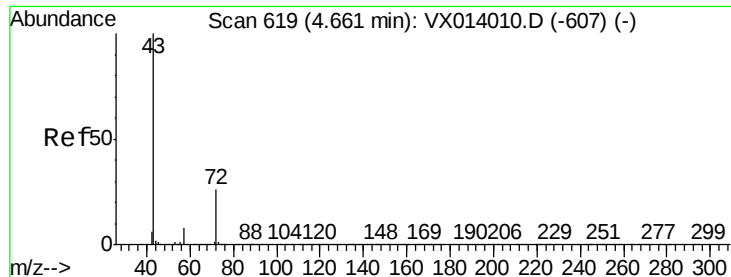
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 229.187 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tot Ion: 43 Resp: 1245093

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

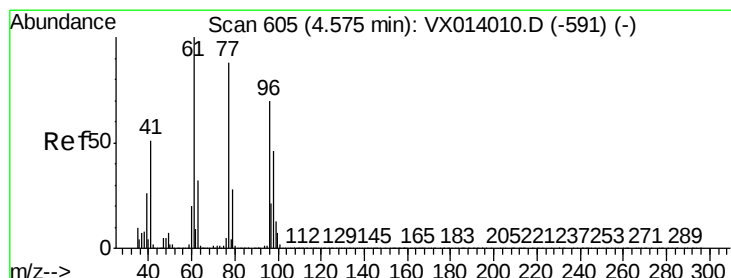
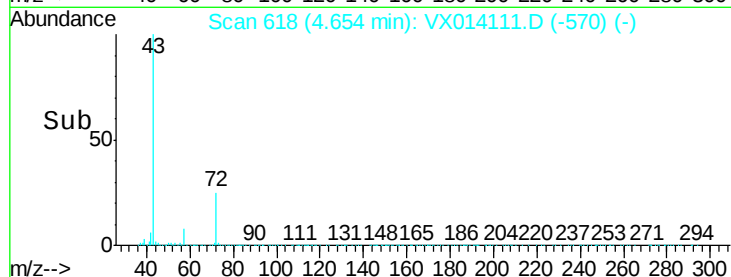
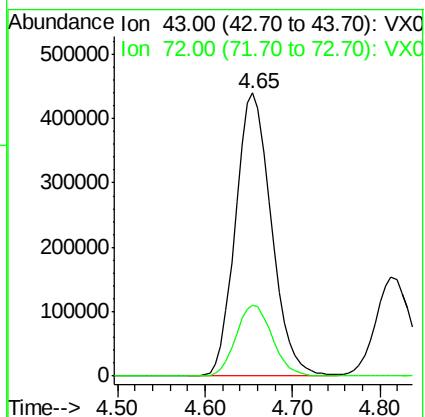
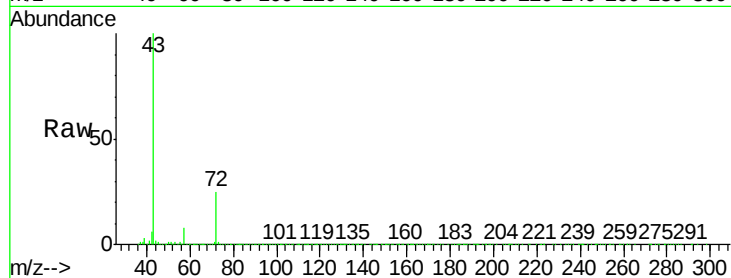
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 48.564 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014111.D

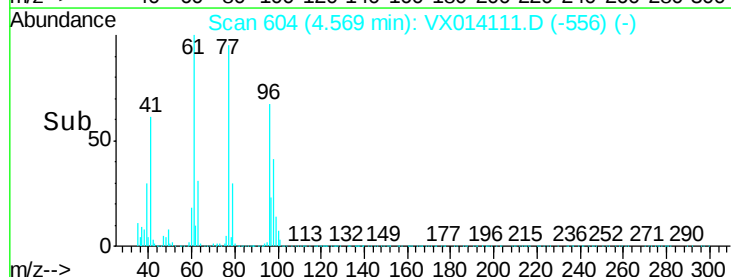
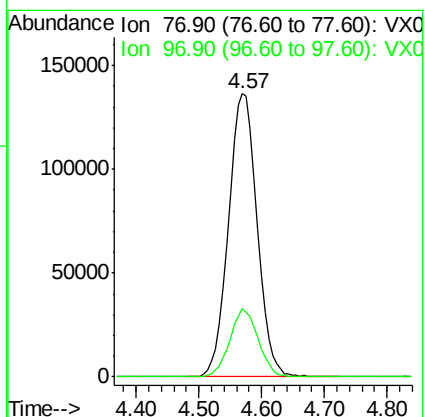
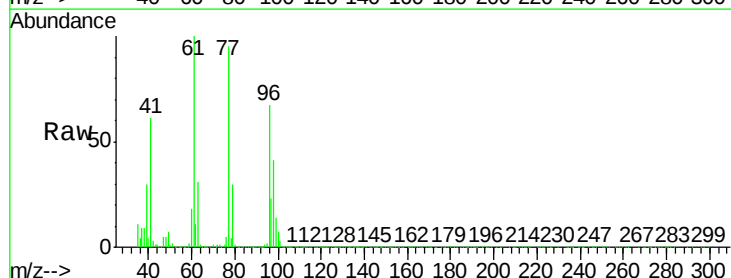
Acq: 19 Dec 2019 10:34

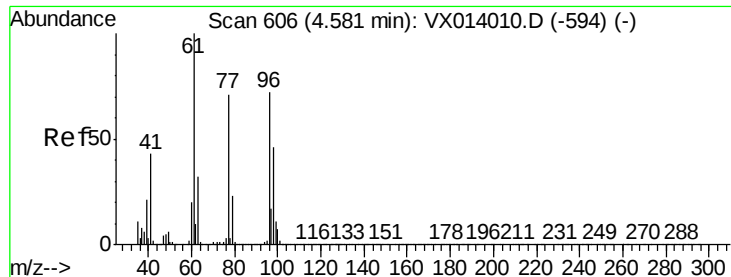
Tgt Ion: 77 Resp: 429981

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

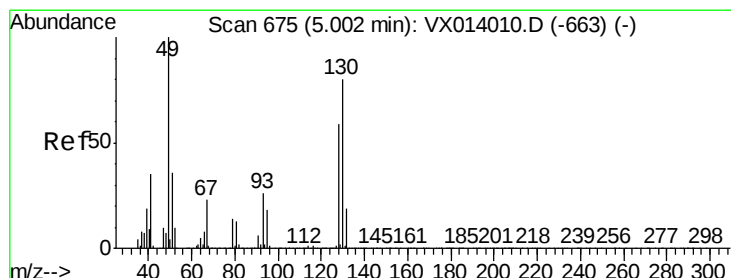
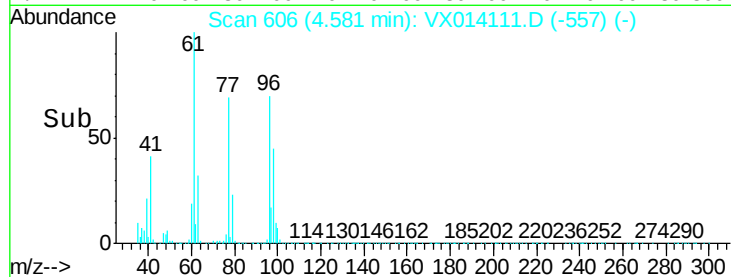
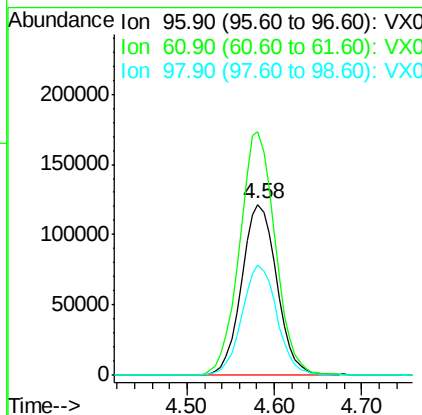
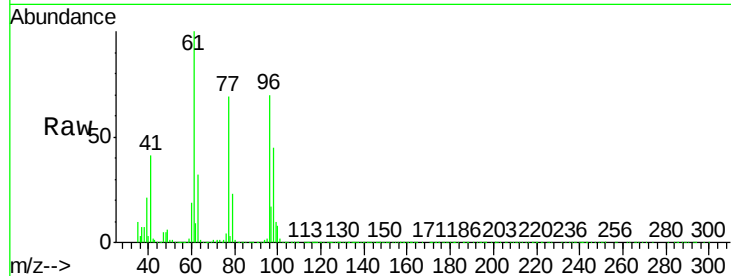
cis-1,2-Dichloroethene
Concen: 47.238 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	339059		
61	145.6	0.0	288.4	
98	64.5	0.0	129.6	

Manual Integrations
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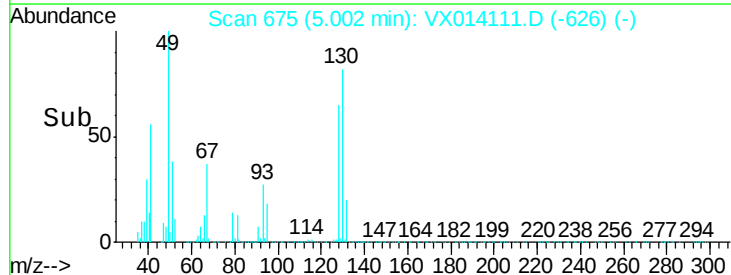
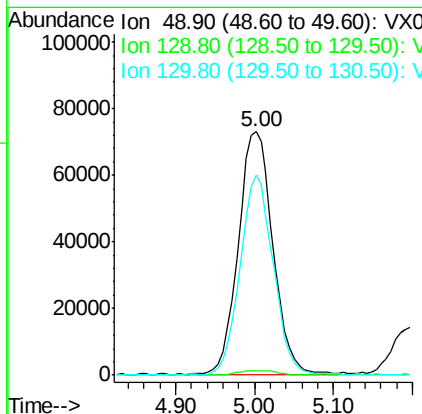
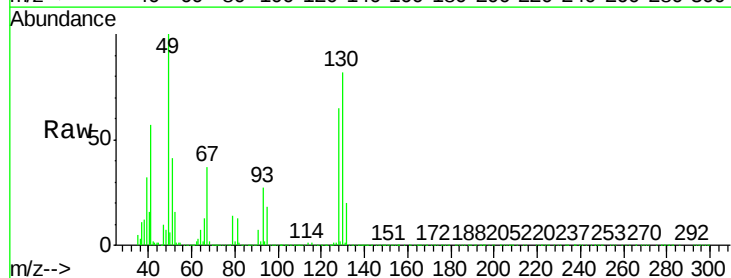
apatel
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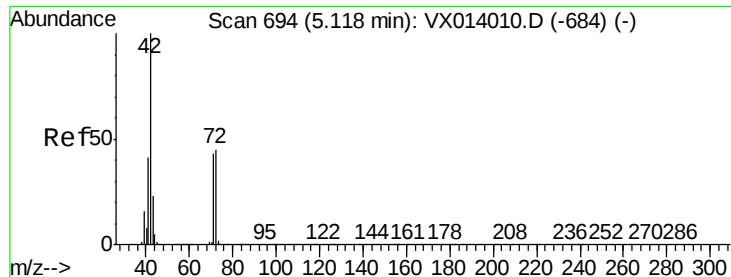


#28

Bromochloromethane
Concen: 50.545 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	221694		
129	2.2	0.0	5.0	
130	78.8	64.6	97.0	





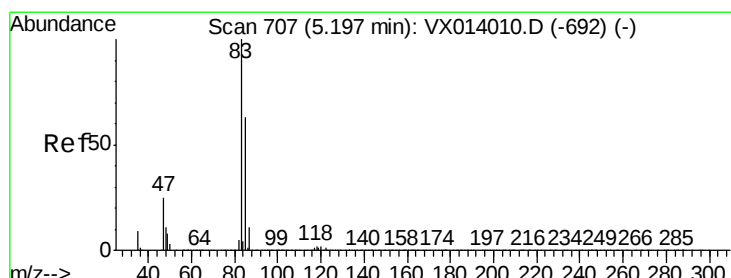
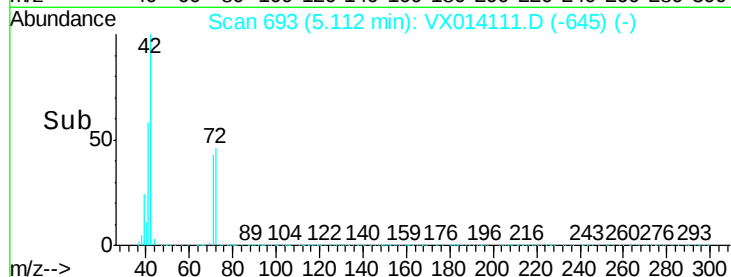
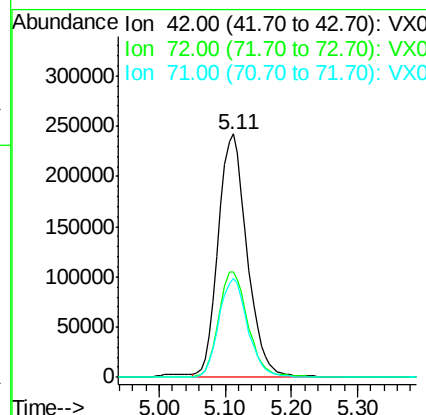
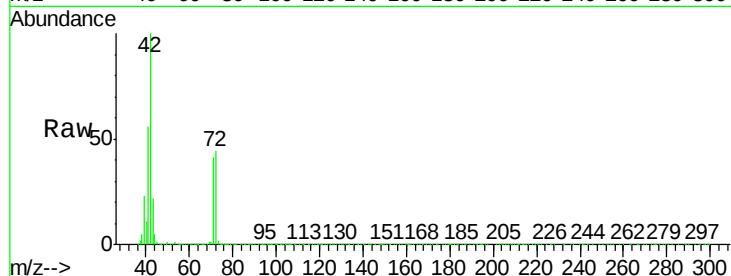
#29
Tetrahydrofuran
Concen: 240.167 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.8	53.8
71	40.6	33.6	50.4

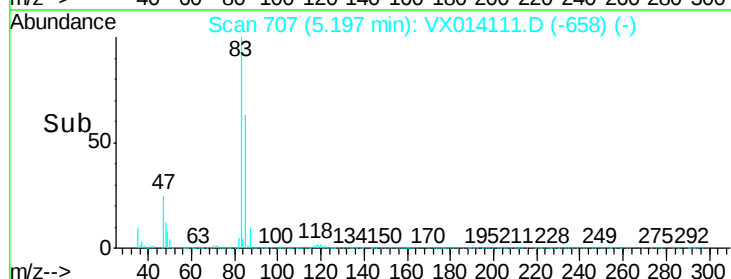
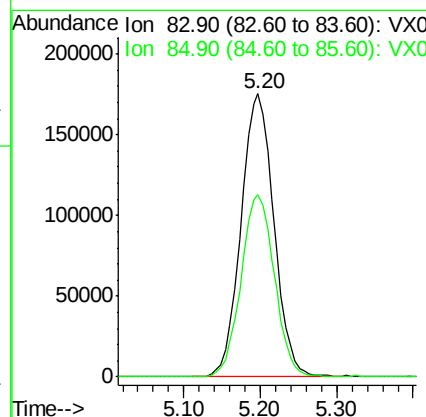
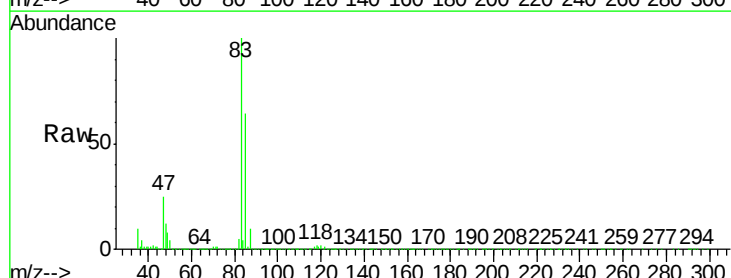
Manual Integrations
APPROVED

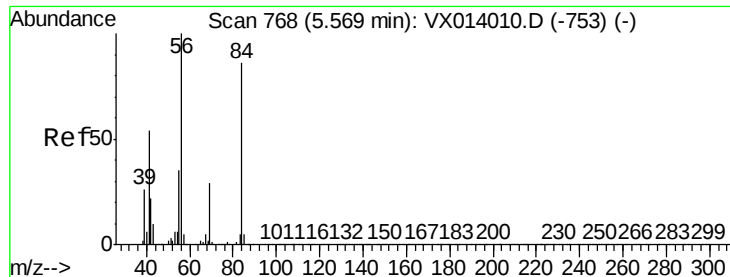
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#30
Chloroform
Concen: 48.170 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2





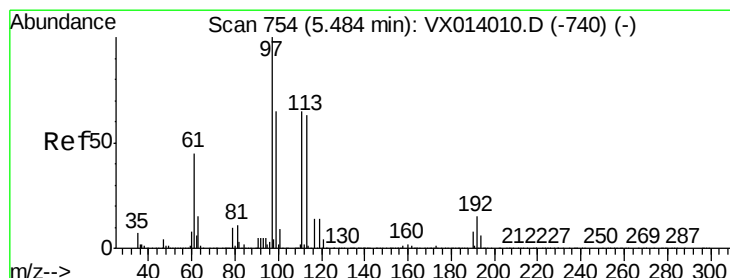
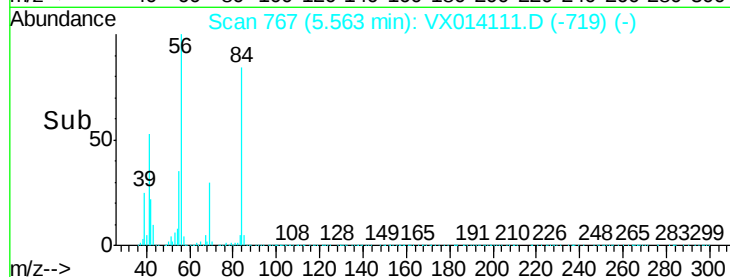
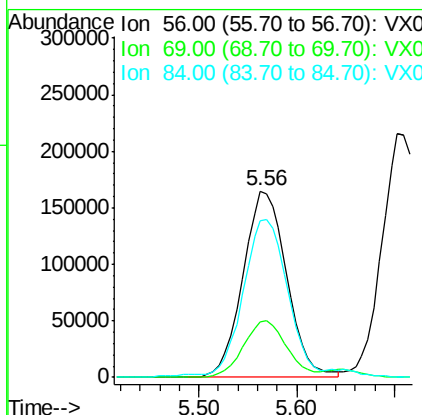
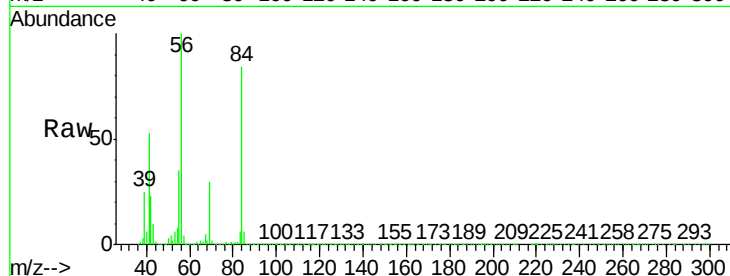
#31
Cvclohexane
Concen: 50.061 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.2	34.8
84	82.7	69.2	103.8

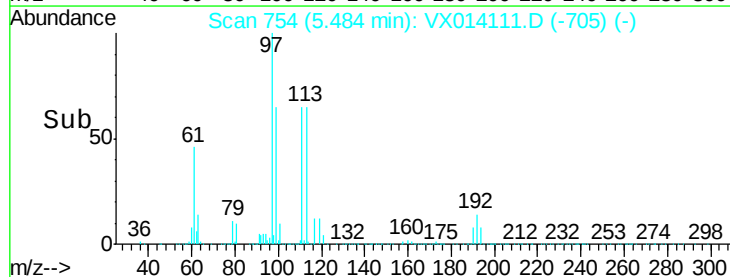
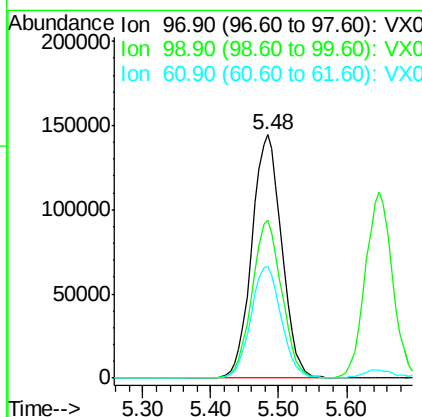
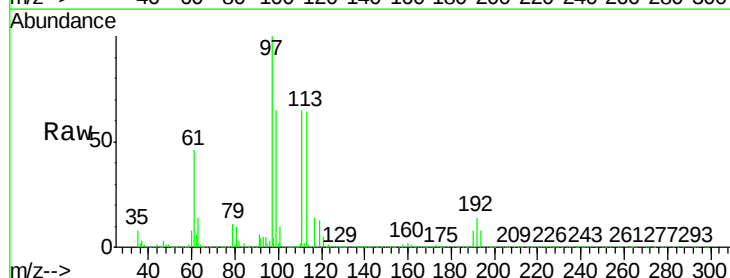
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 47.966 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	46.2	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 47.077 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 319531

Ion Ratio Lower Upper

65 100

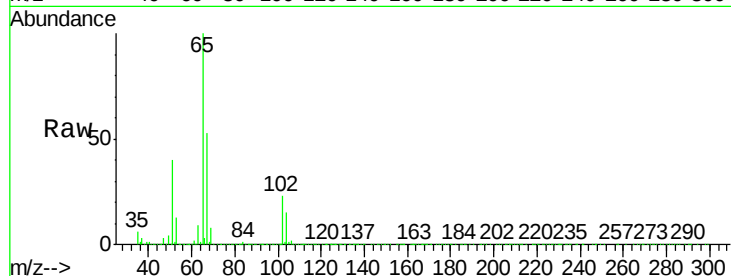
67 53.3 0.0 106.4

Manual Integrations

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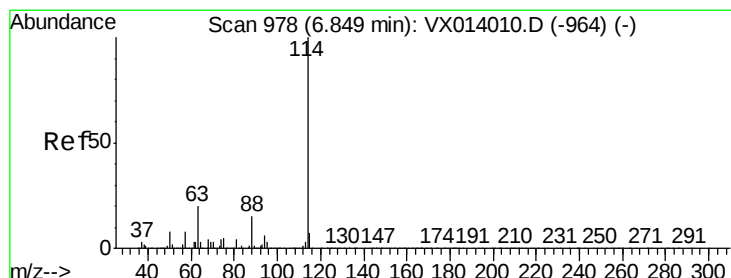
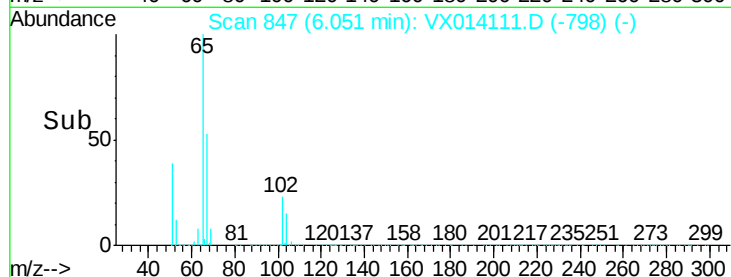
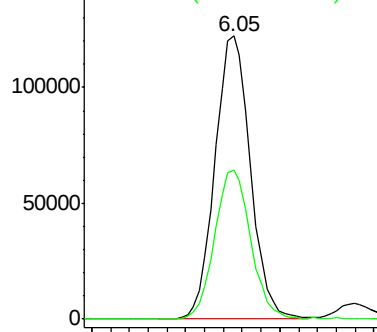
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

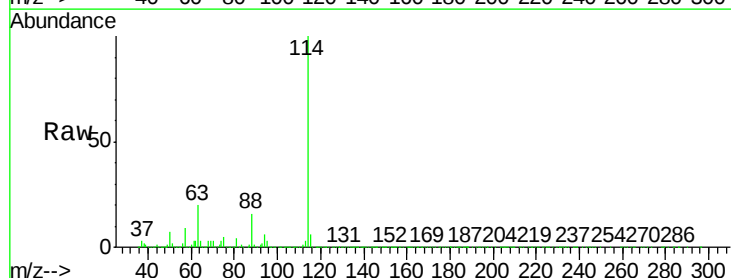
Tgt Ion: 114 Resp: 884120

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

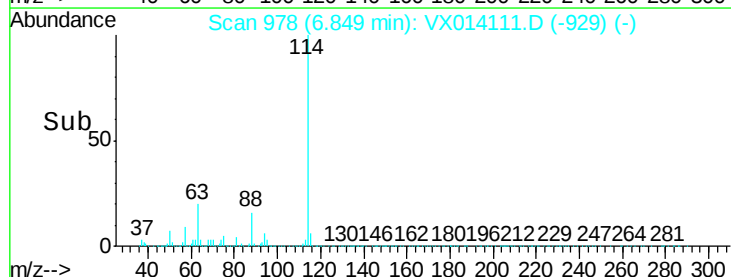
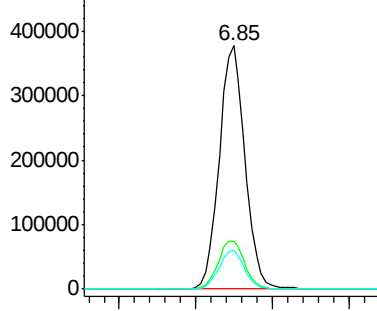
88 15.9 0.0 30.4



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





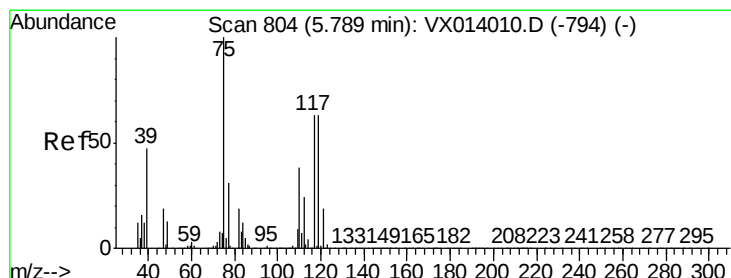
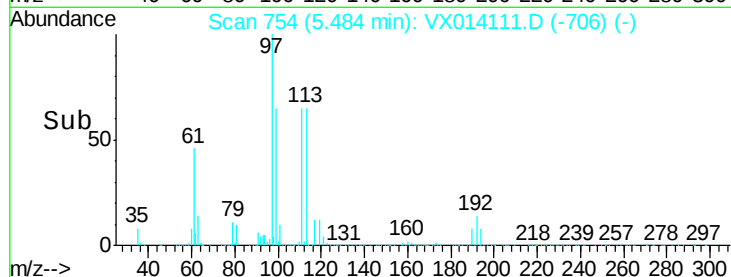
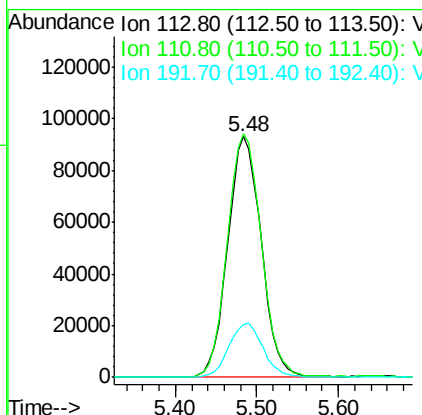
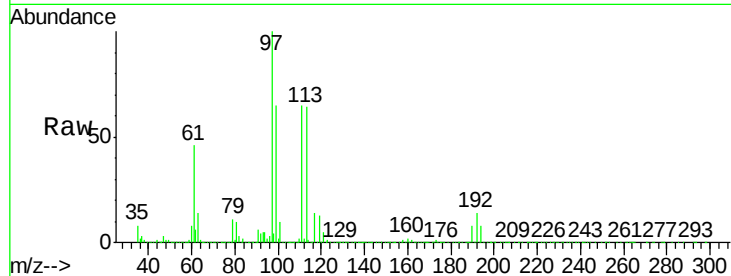
#35
Dibromofluoromethane
Concen: 48.966 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	263164		
111	103.1	82.0	123.0	
192	22.9	19.3	28.9	

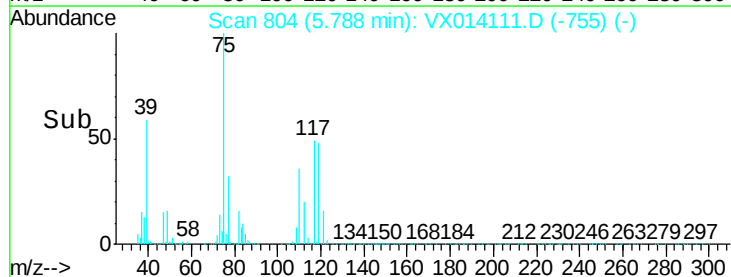
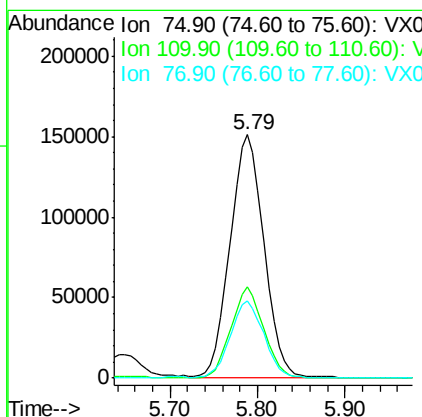
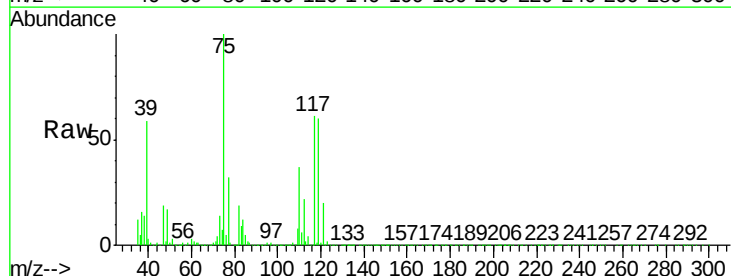
Manual Integrations
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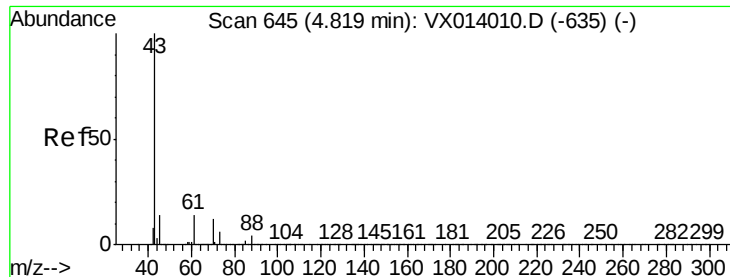
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#36
1,1-Dichloropropene
Concen: 50.054 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	406051		
110	36.3	18.3	54.9	
77	31.2	24.8	37.2	





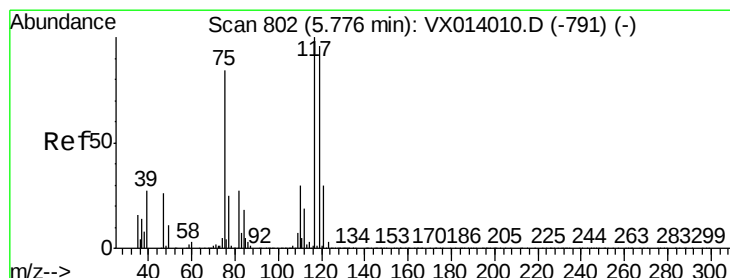
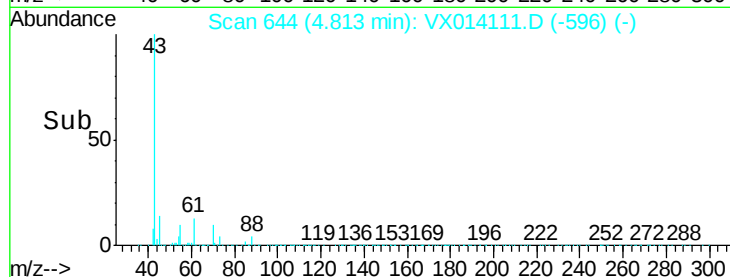
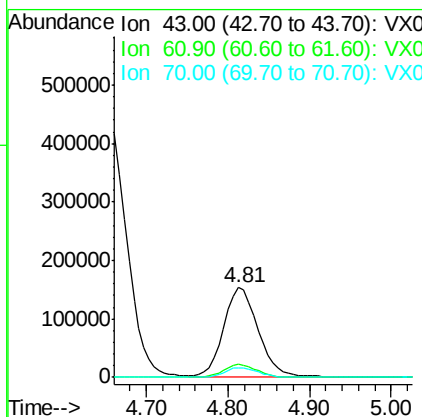
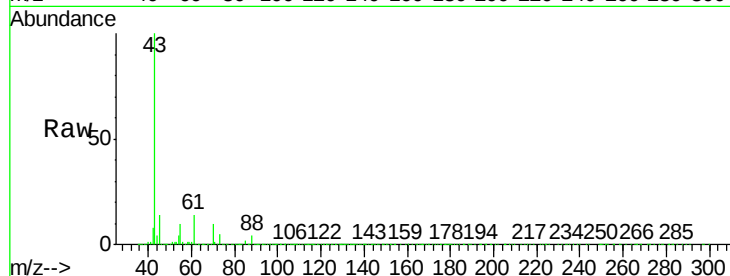
#37
Ethyl Acetate
Concen: 49.522 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.4	8.6	12.8

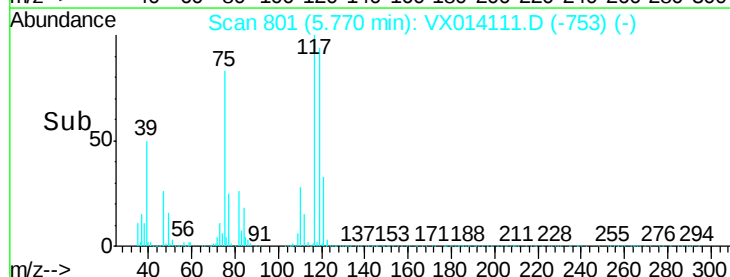
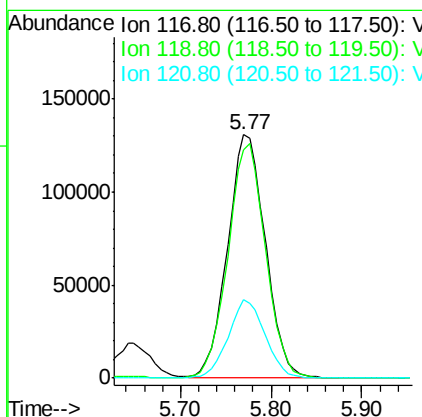
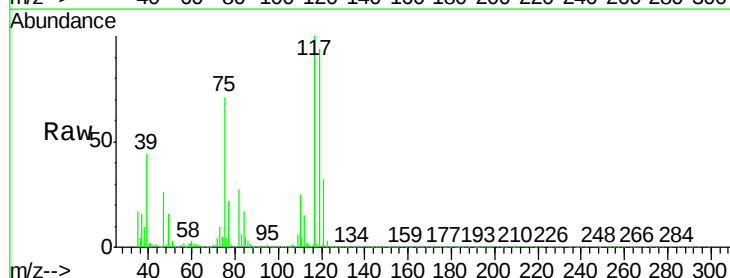
Manual Integrations
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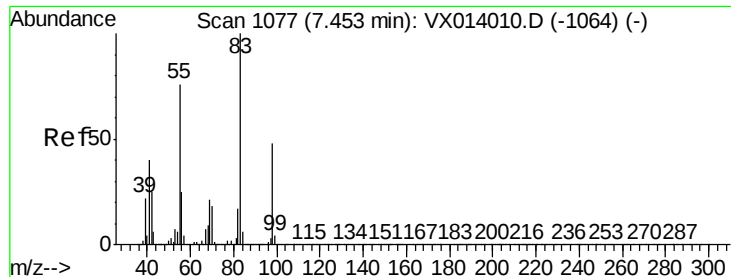
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#38
Carbon Tetrachloride
Concen: 51.317 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.4
121	32.3	23.6	35.4





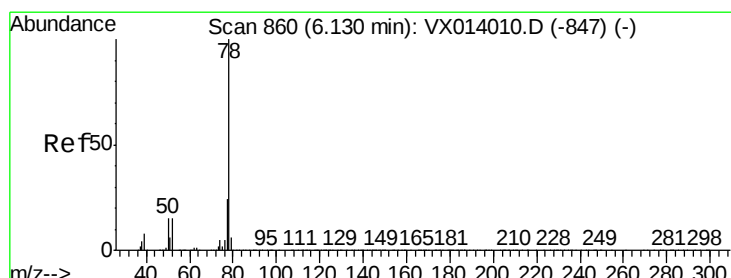
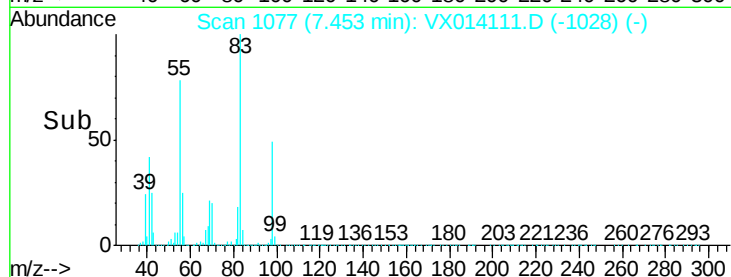
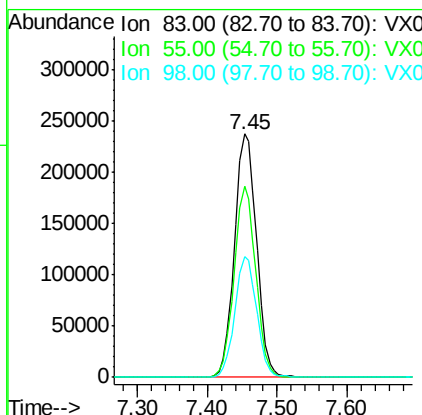
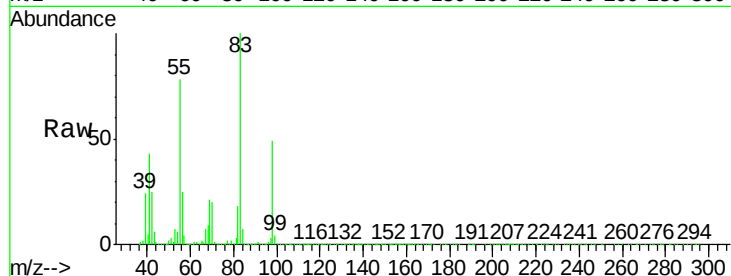
#39
Methvlcvclohexane
Concen: 51.889 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.6
98	49.4	38.6	57.8

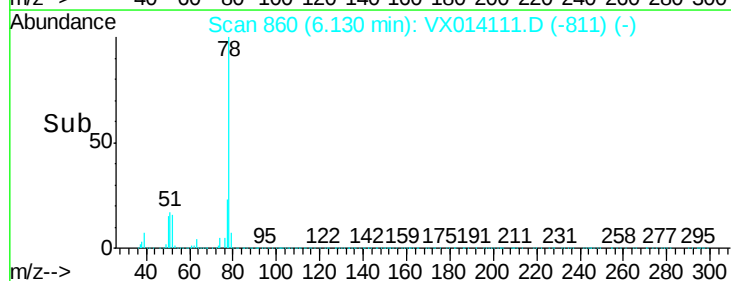
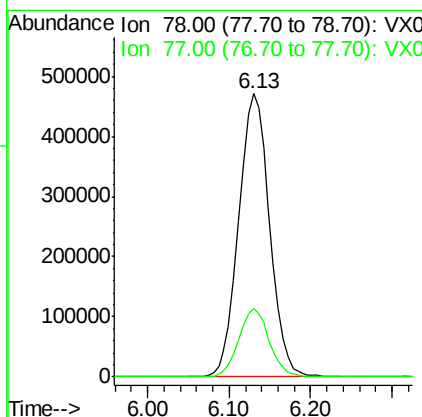
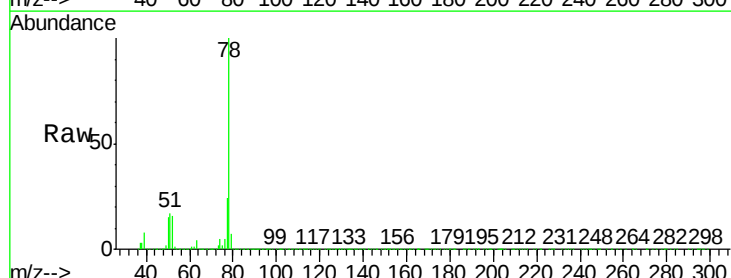
Manual Integrations
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#40
Benzene
Concen: 49.566 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 51.238 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

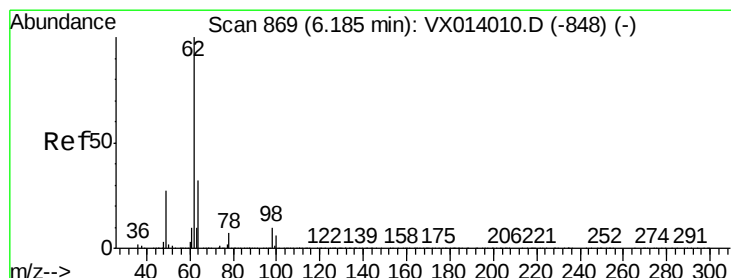
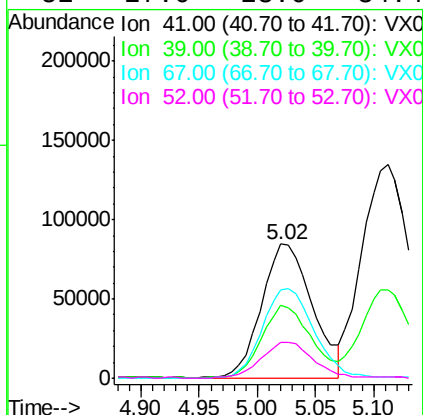
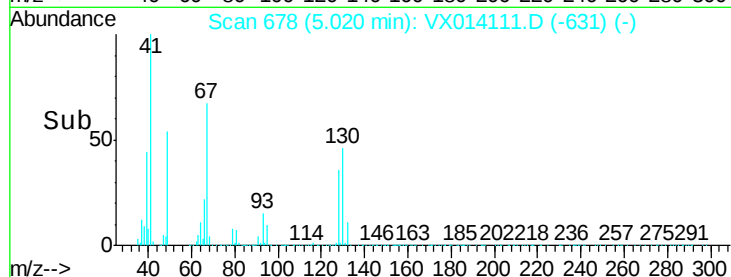
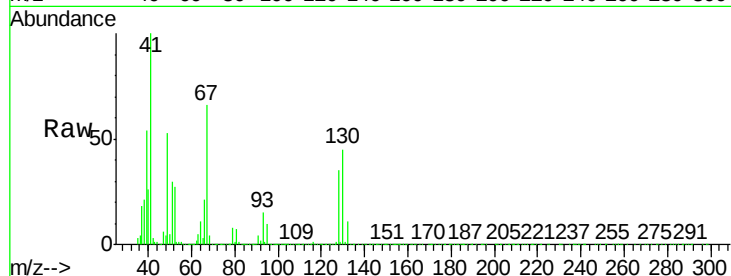
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		254678		
39	52.9	44.5	66.7		
67	68.0	57.4	86.0		
52	27.0	23.0	34.4		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.516 ug/l

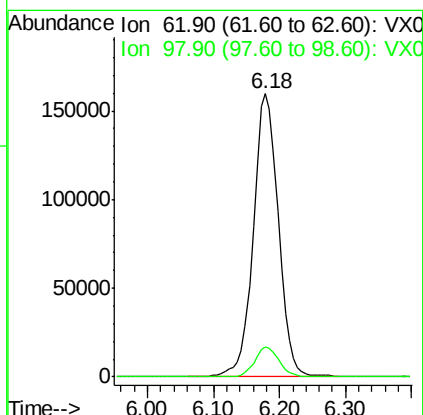
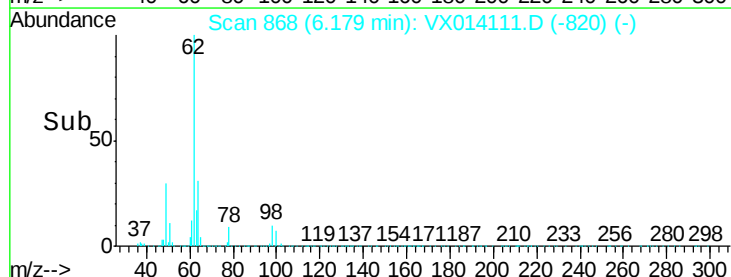
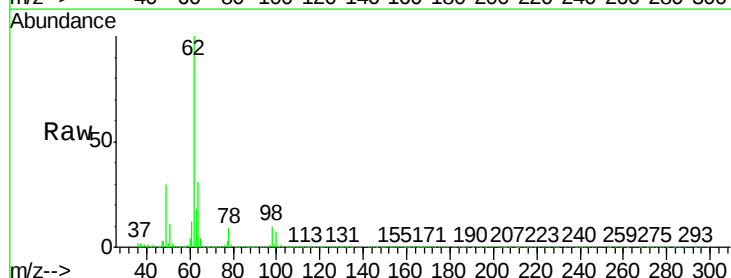
RT: 6.18 min Scan# 868

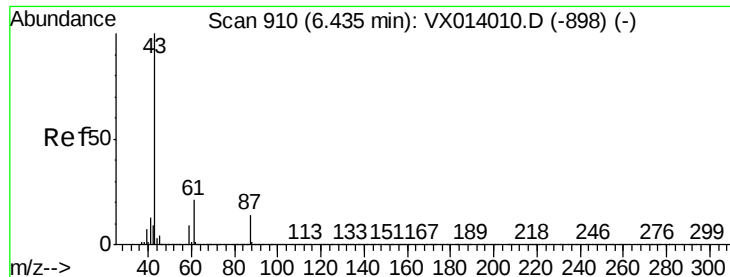
Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		418957		
98	10.4	0.0	21.0		





#43

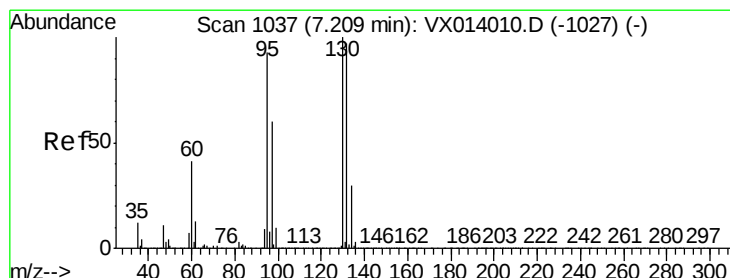
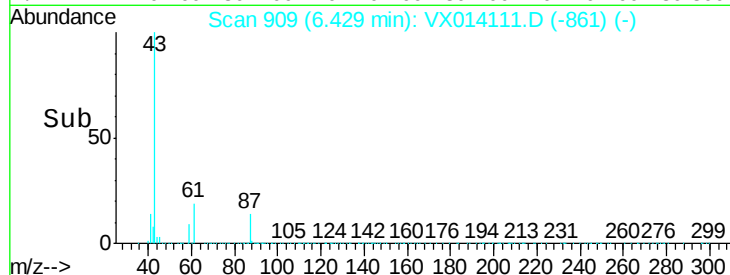
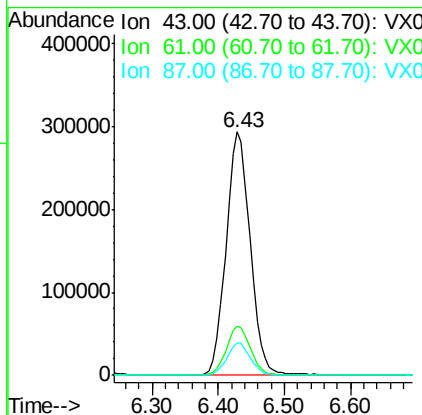
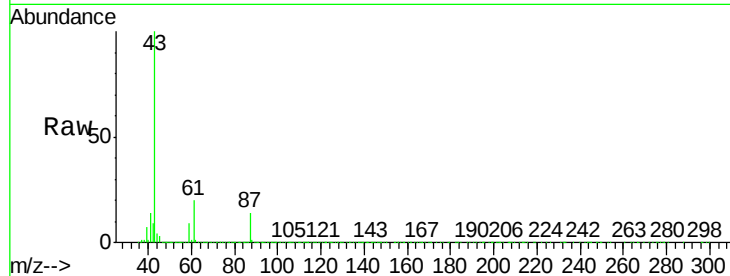
Isopropyl Acetate
 Concen: 49.691 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	43	Resp:	736691
Ion Ratio		Lower	Upper
43	100		
61	20.5	16.4	24.6
87	13.1	10.7	16.1

Manual Integrations
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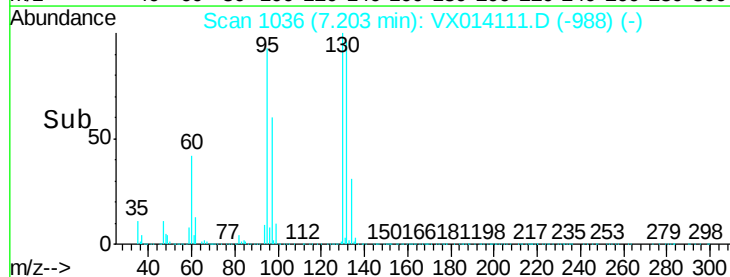
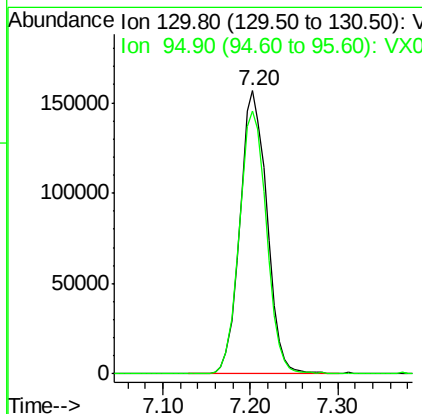
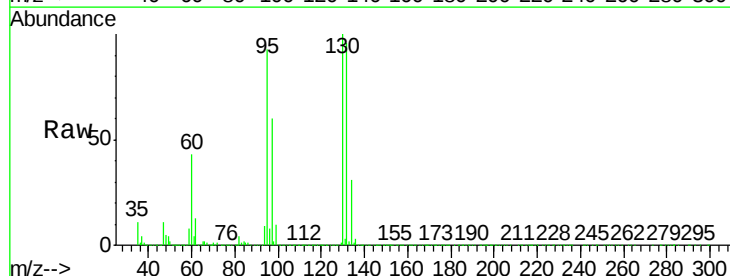
apatel
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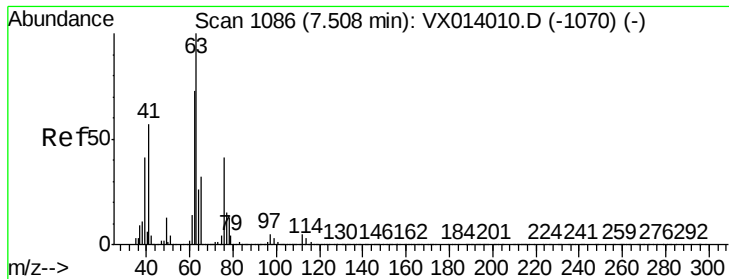


#44

Trichloroethene
 Concen: 48.549 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Tgt Ion:	130	Resp:	334712
Ion Ratio		Lower	Upper
130	100		
95	92.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 51.038 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 326519

Ion Ratio Lower Upper

63 100

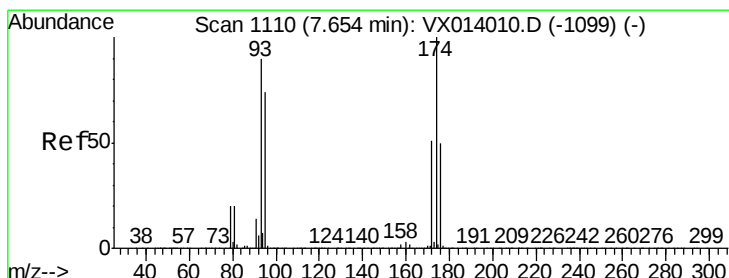
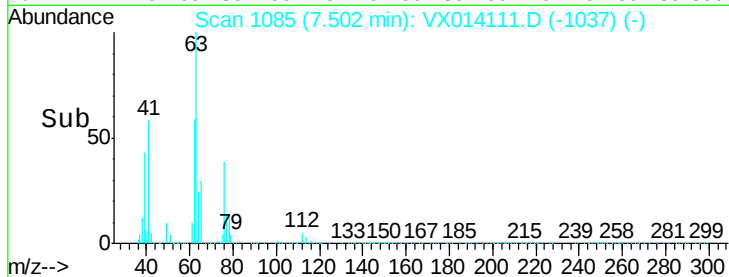
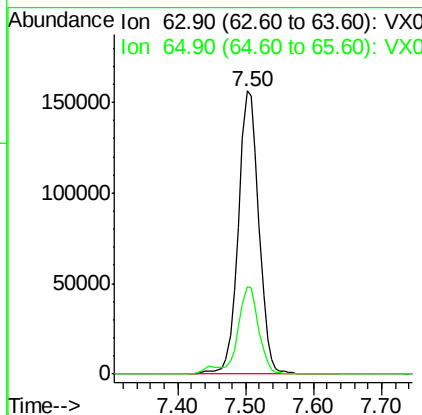
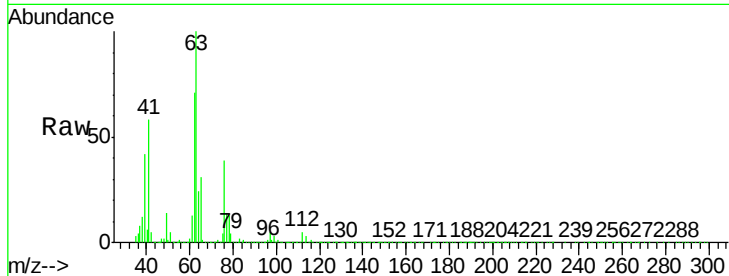
65 31.0 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 48.868 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

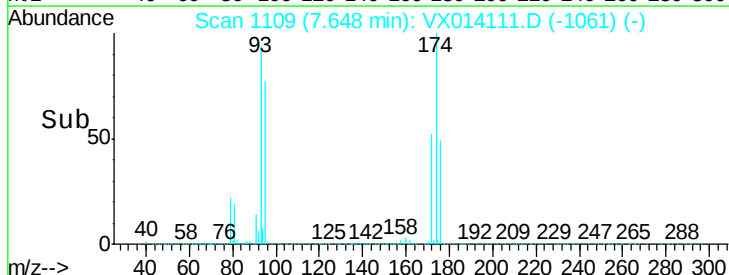
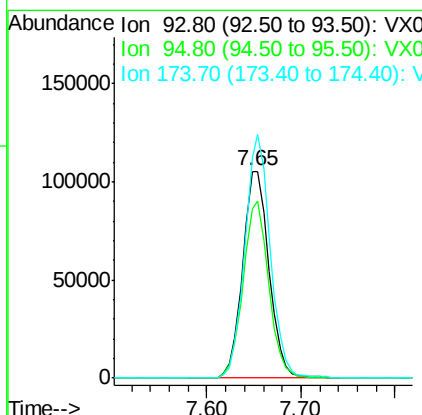
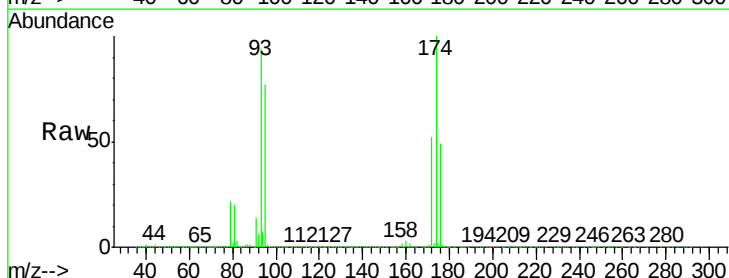
Tgt Ion: 93 Resp: 206700

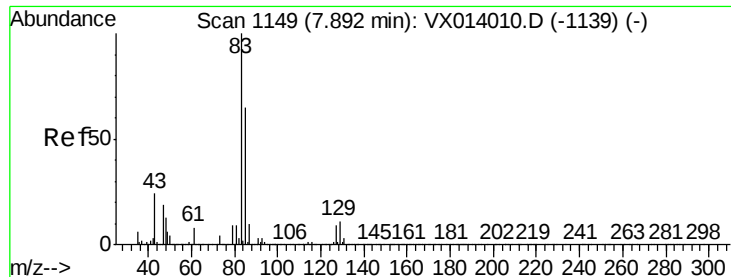
Ion Ratio Lower Upper

93 100

95 82.7 67.3 100.9

174 113.3 91.6 137.4





#47

Bromodichloromethane

Concen: 51.361 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

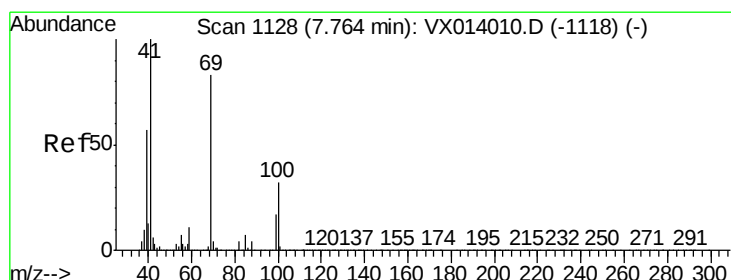
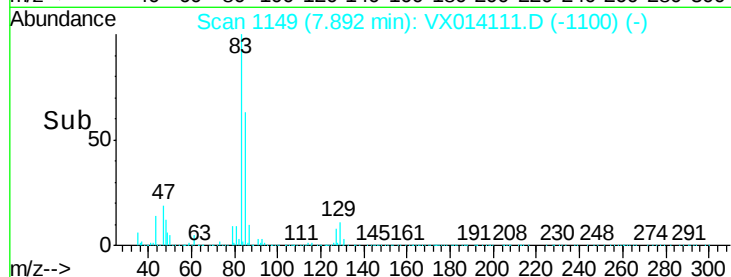
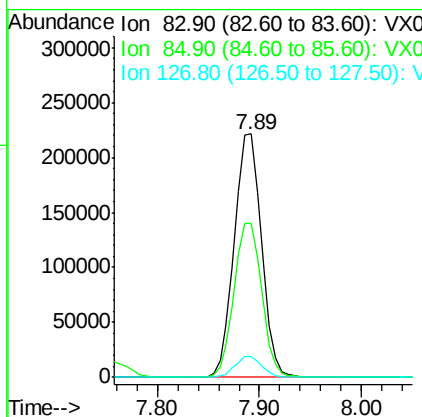
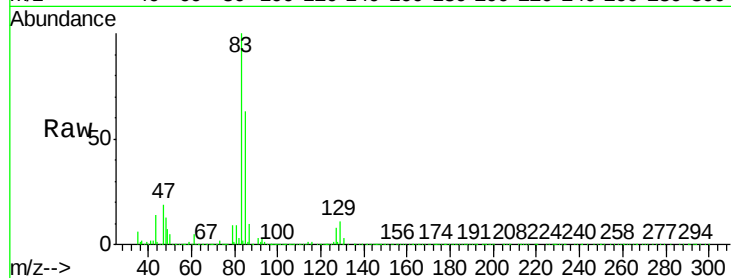
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	409154
Ion Ratio		Lower	Upper
83	100		
85	63.2	51.8	77.8
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.933 ug/l

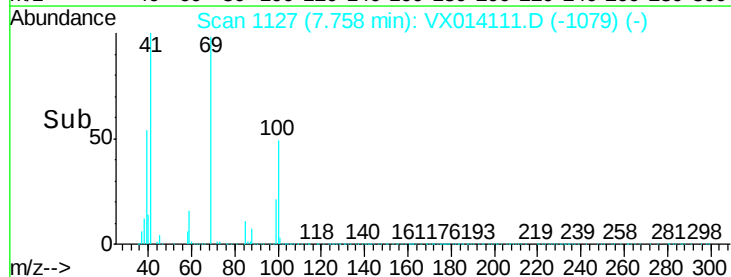
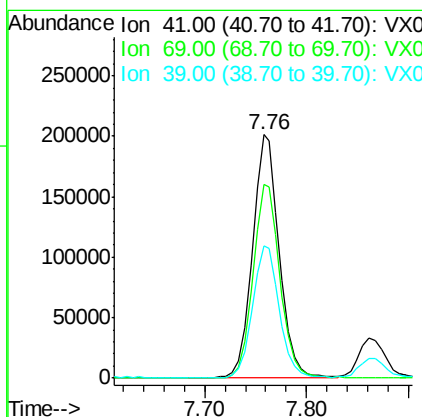
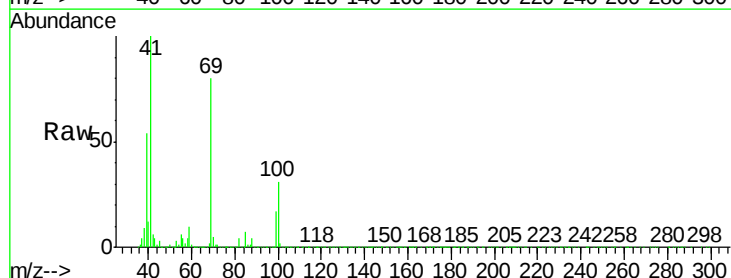
RT: 7.76 min Scan# 1127

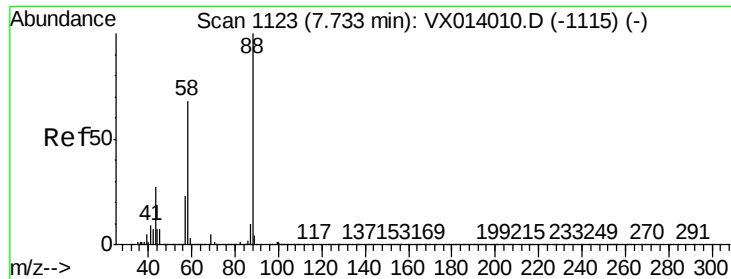
Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	41	Resp:	369758
Ion Ratio		Lower	Upper
41	100		
69	80.3	65.8	98.6
39	53.7	44.6	67.0





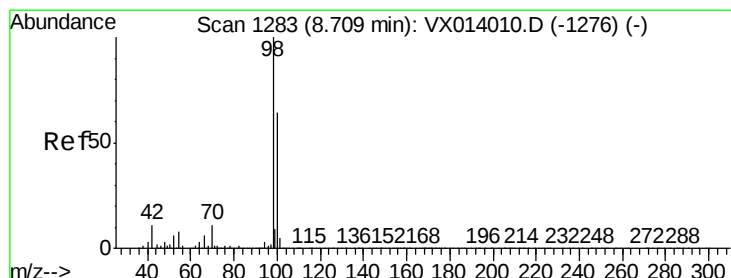
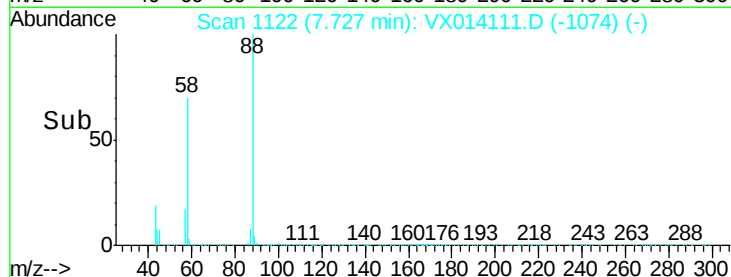
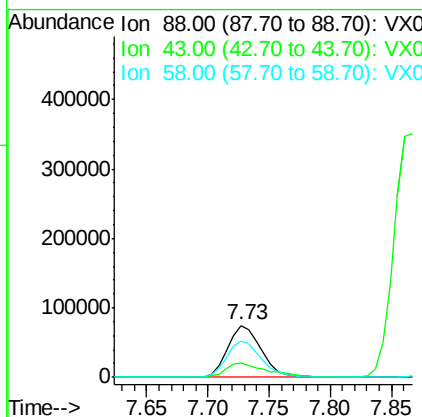
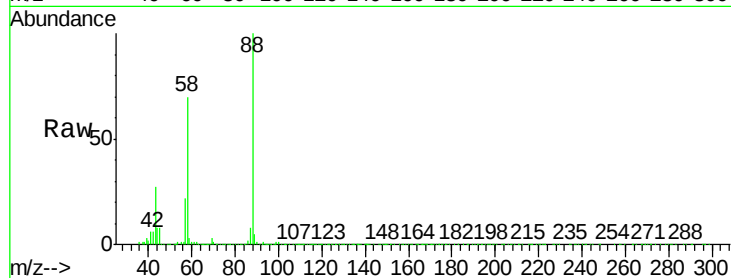
#49
1,4-Dioxane
Concen: 940.418 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.5	39.7
58	72.1	56.8	85.2

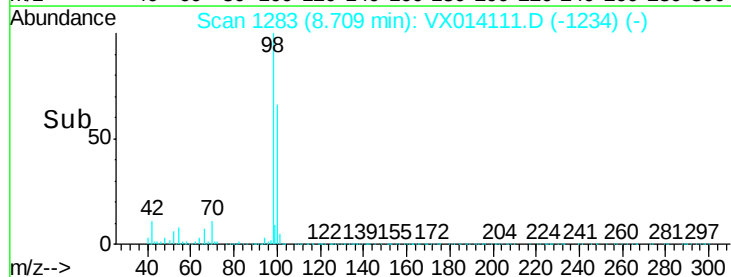
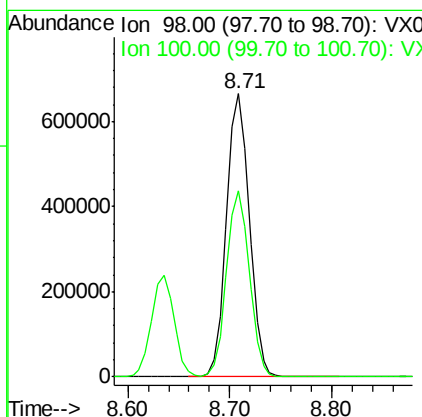
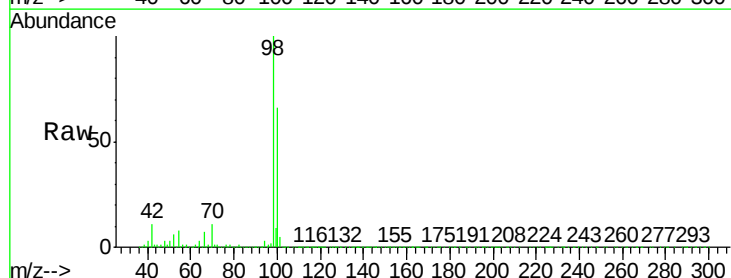
Manual Integrations
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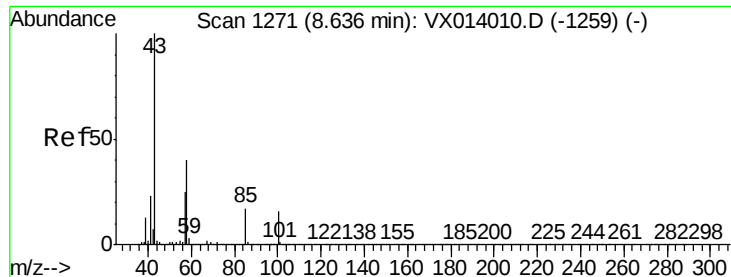
apatel
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#50
Toluene-d8
Concen: 49.367 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 245.476 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2285545

Ion Ratio Lower Upper

43 100

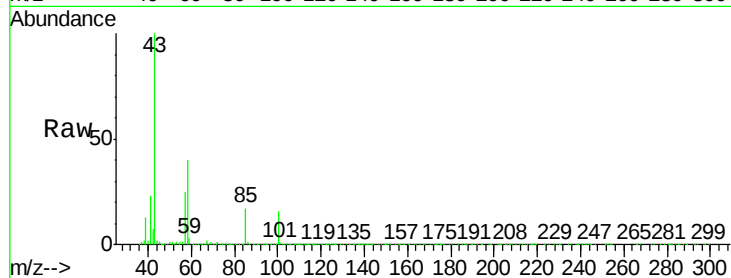
58 39.7 32.2 48.2

Manual Integrations

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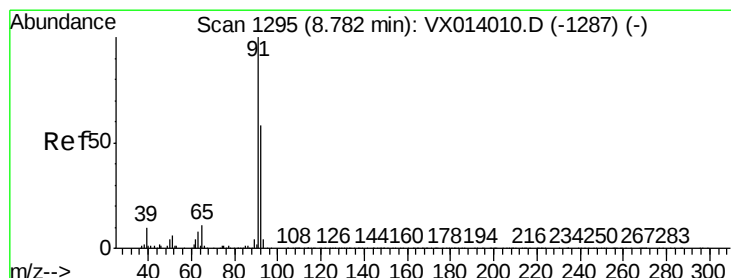
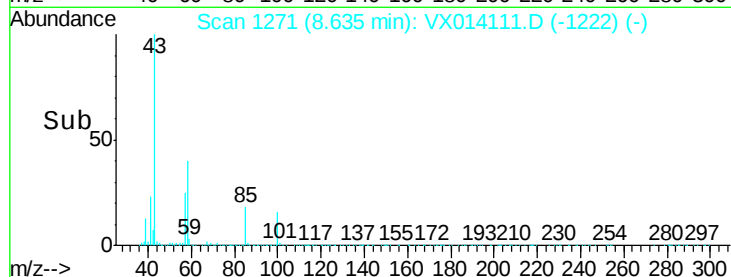
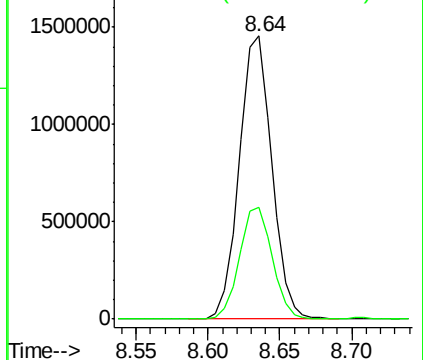
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.625 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014111.D

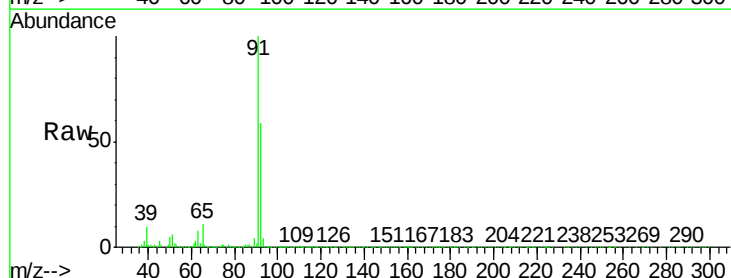
Acq: 19 Dec 2019 10:34

Tgt Ion: 92 Resp: 782921

Ion Ratio Lower Upper

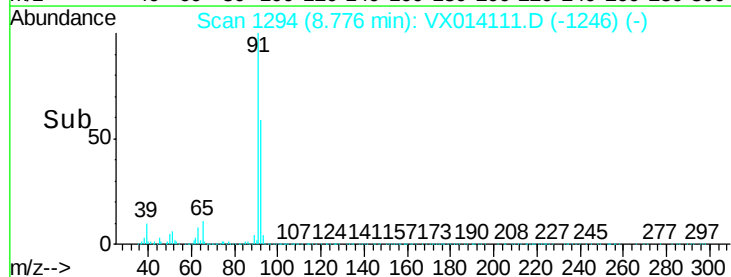
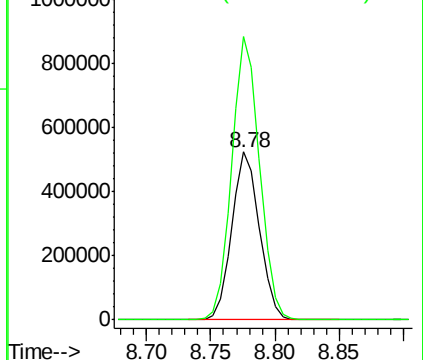
92 100

91 169.8 136.2 204.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





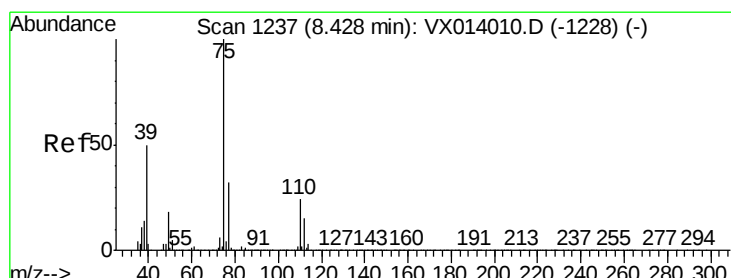
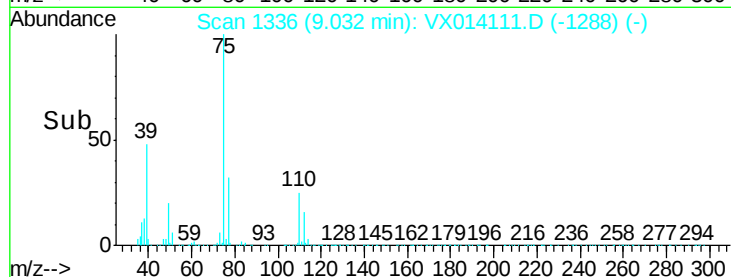
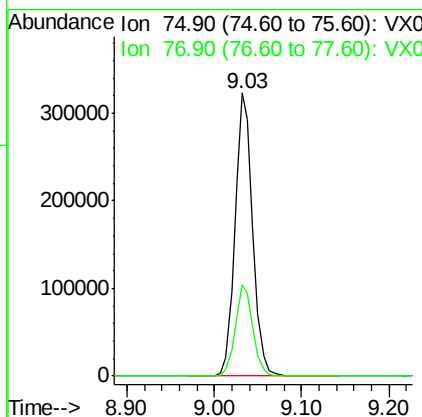
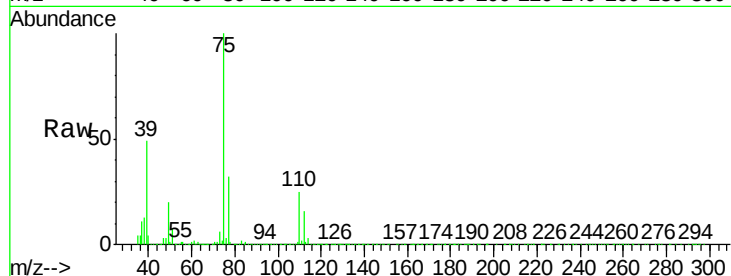
#53
t-1,3-Dichloropropene
Concen: 52.014 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 454340
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7

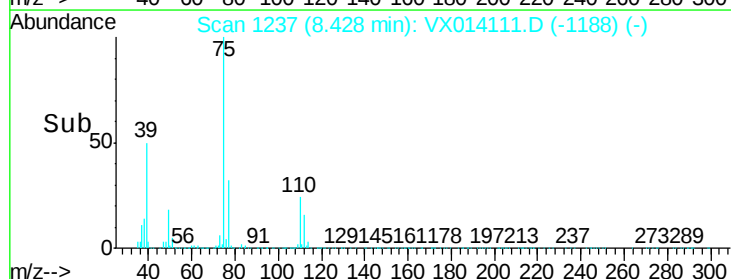
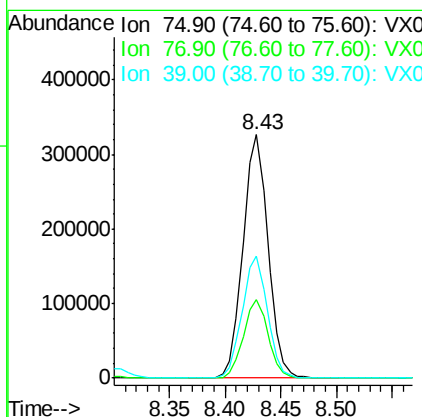
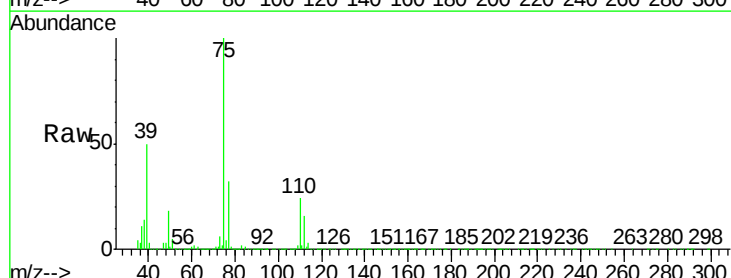
Manual Integrations
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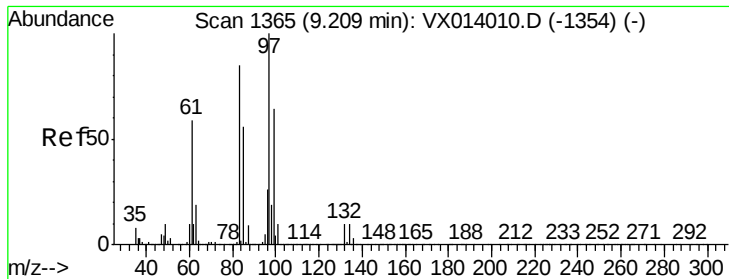
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#54
cis-1,3-Dichloropropene
Concen: 52.504 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion: 75 Resp: 510930
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 50.2 39.9 59.9





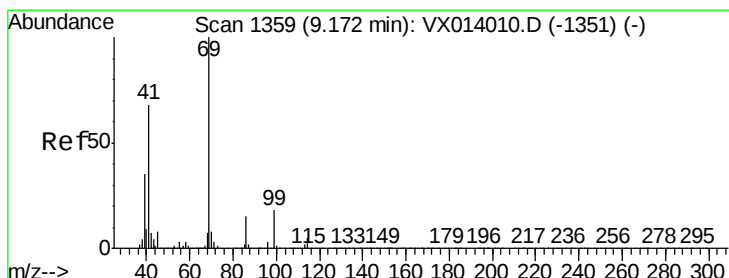
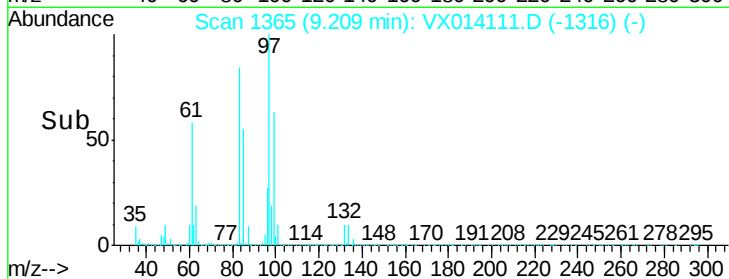
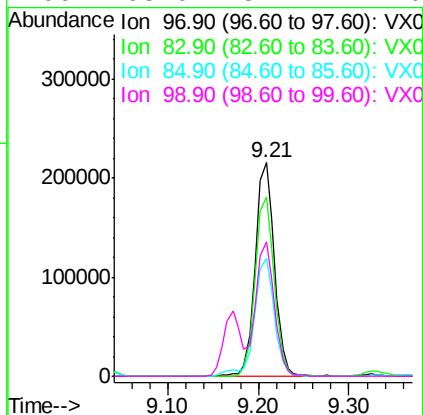
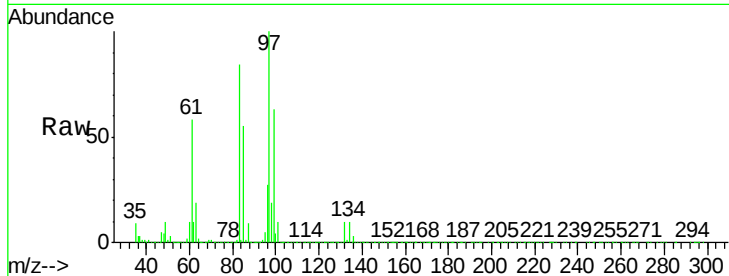
#55
 1,1,2-Trichloroethane
 Concen: 49.741 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		314525		
83	84.0	68.2	102.4		
85	54.9	44.6	66.8		
99	63.0	51.4	77.0		

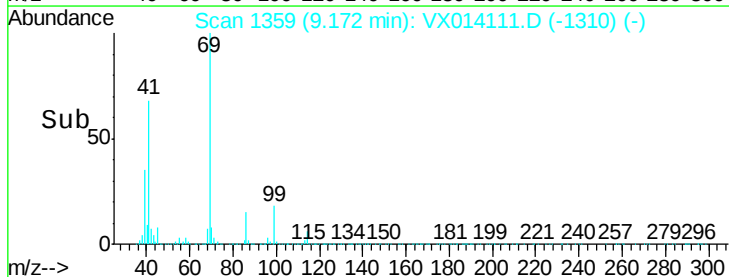
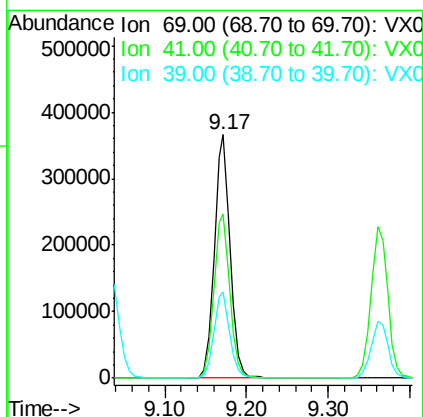
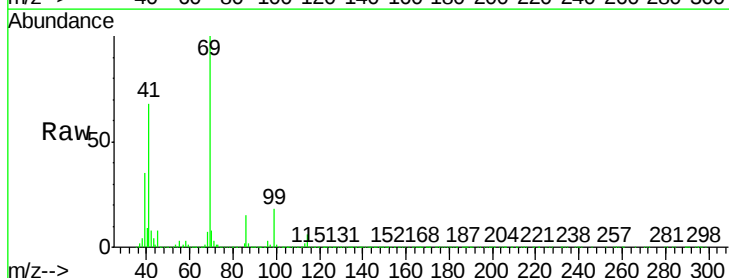
Manual Integrations
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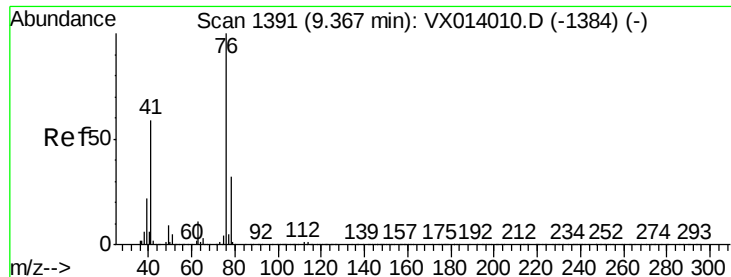
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#56
 Ethyl methacrylate
 Concen: 50.354 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		500147		
41	68.5	54.8	82.2		
39	35.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 49.935 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 531245

Ion Ratio Lower Upper

76 100

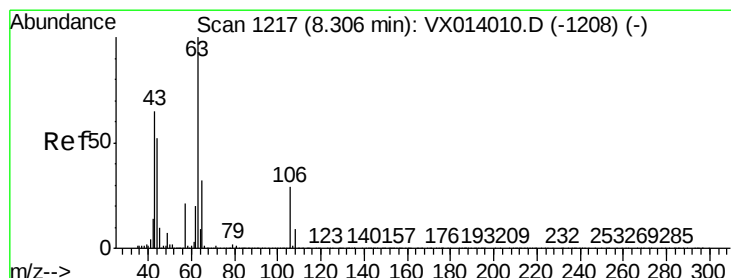
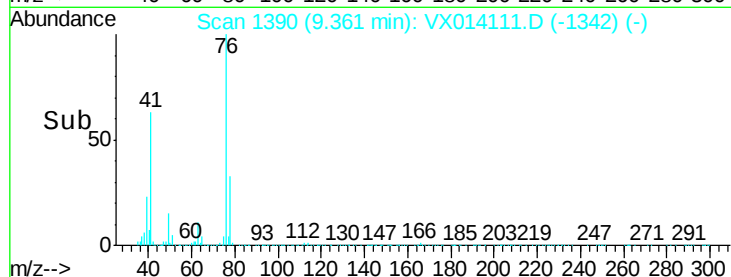
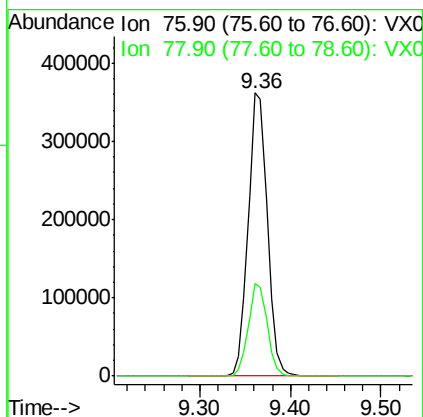
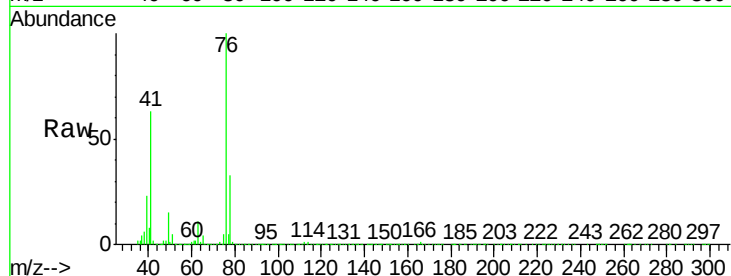
78 32.4 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 246.224 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014111.D

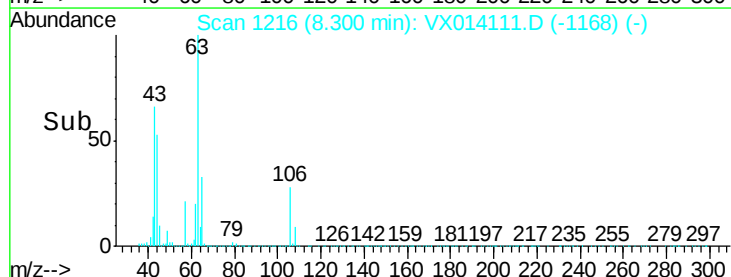
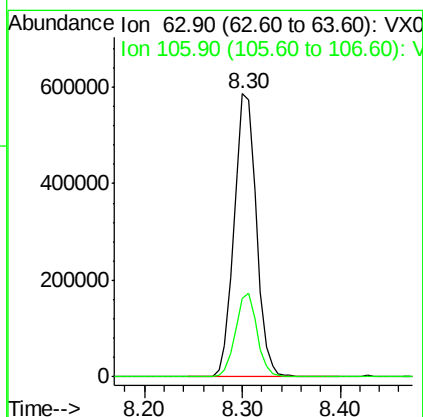
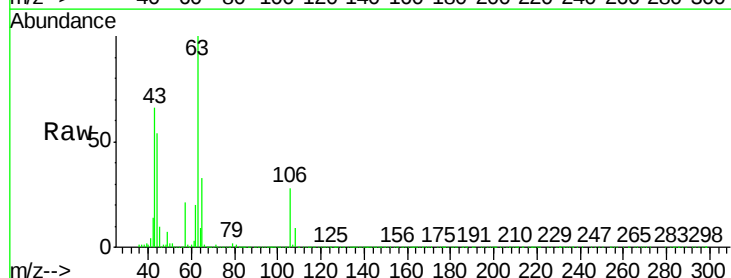
Acq: 19 Dec 2019 10:34

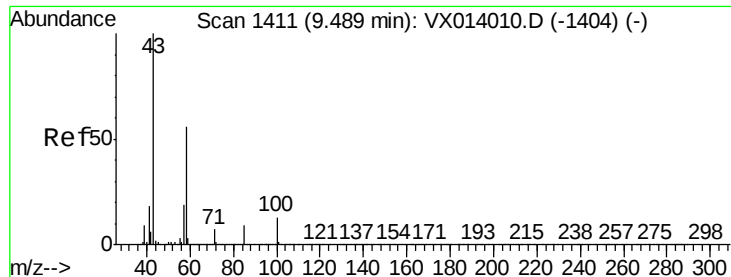
Tgt Ion: 63 Resp: 925526

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





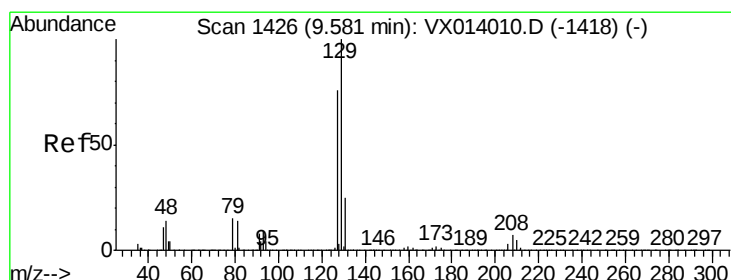
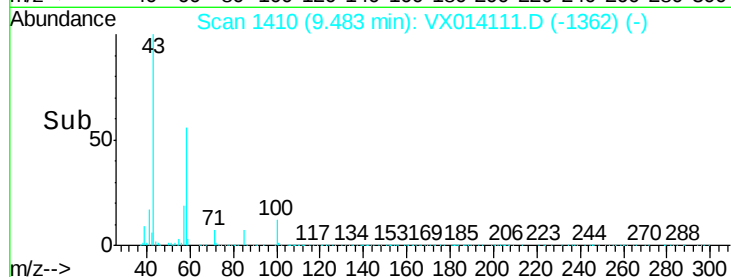
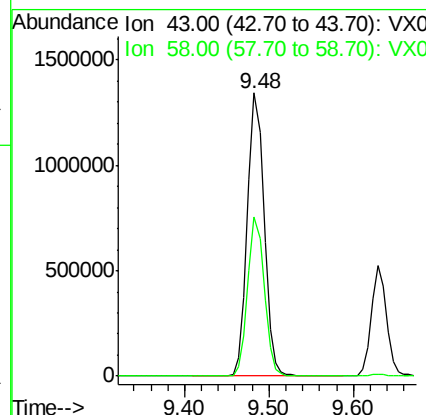
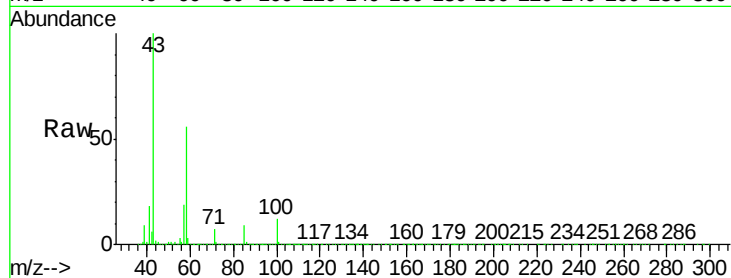
#59
2-Hexanone
Concen: 238.547 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1787934
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0

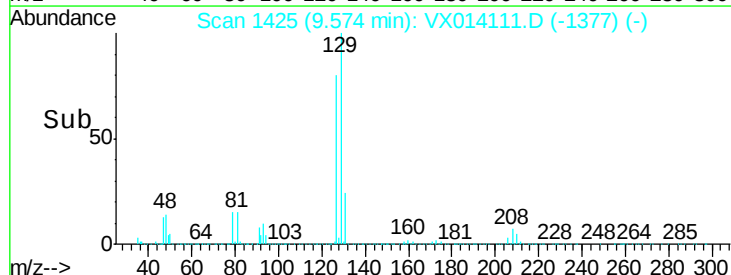
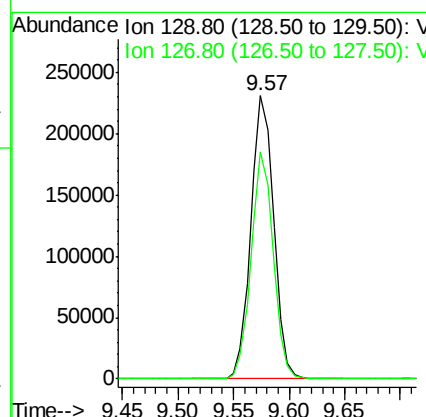
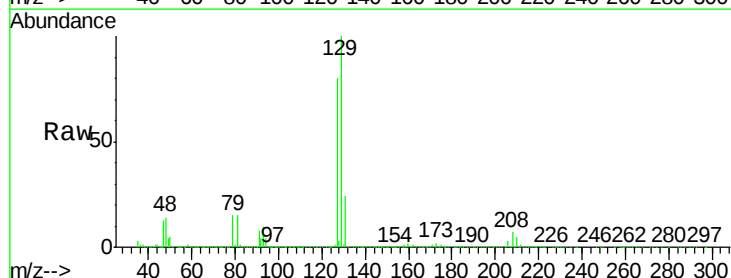
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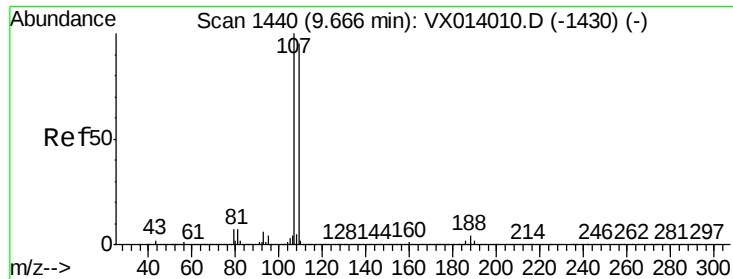
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#60
Dibromochloromethane
Concen: 52.398 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion: 129 Resp: 329334
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 50.255 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 325134

Ion Ratio Lower Upper

107 100

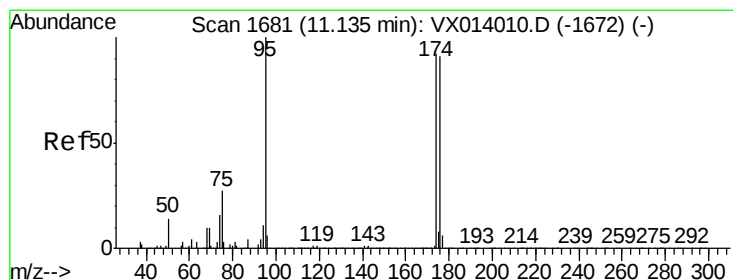
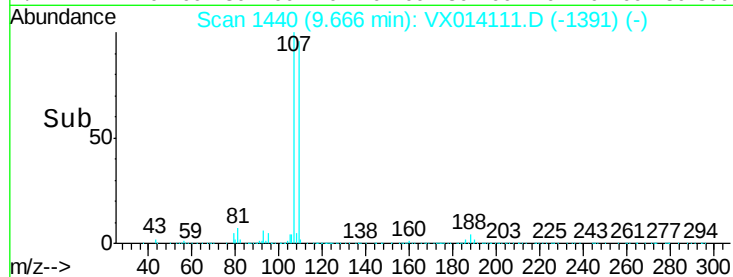
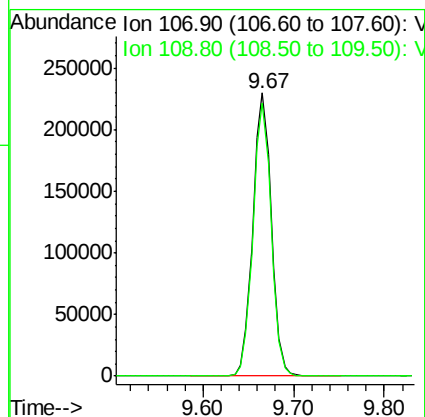
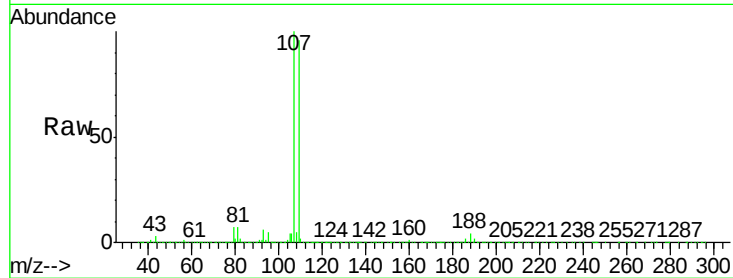
109 95.4 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 47.944 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

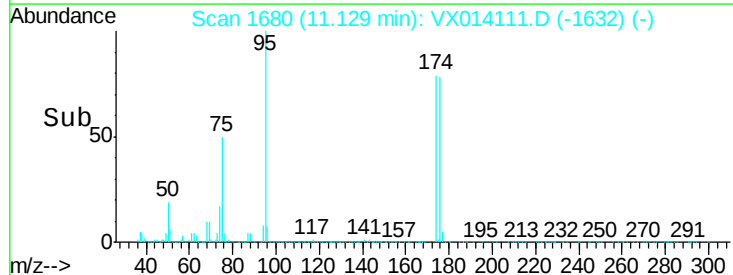
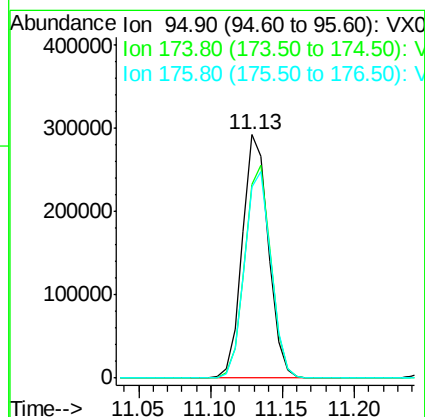
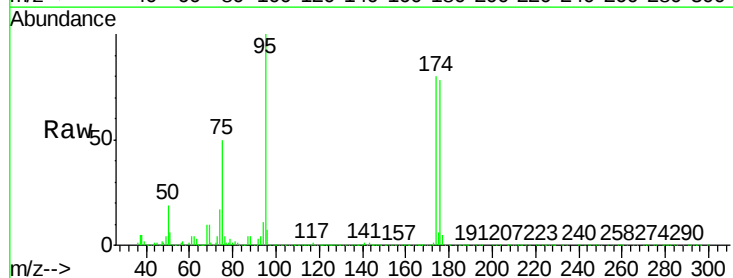
Tgt Ion: 95 Resp: 366709

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 86.3 0.0 173.0





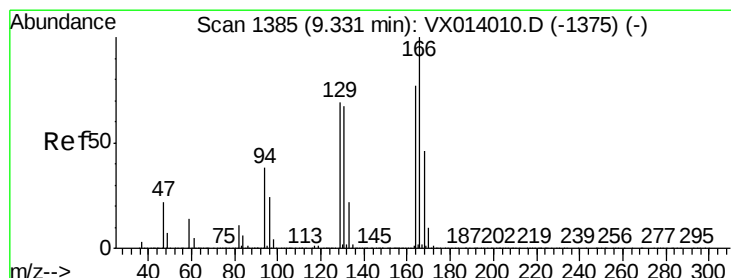
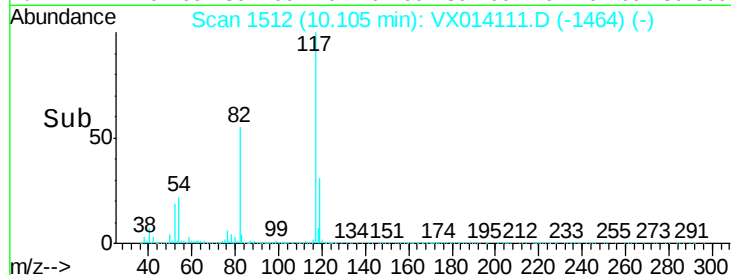
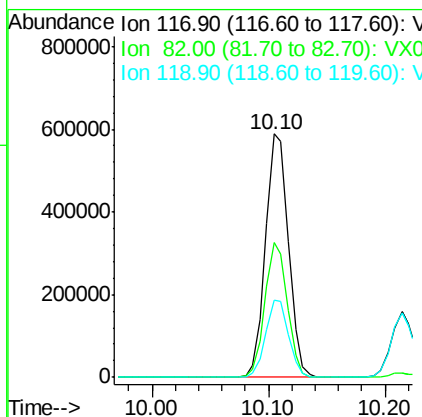
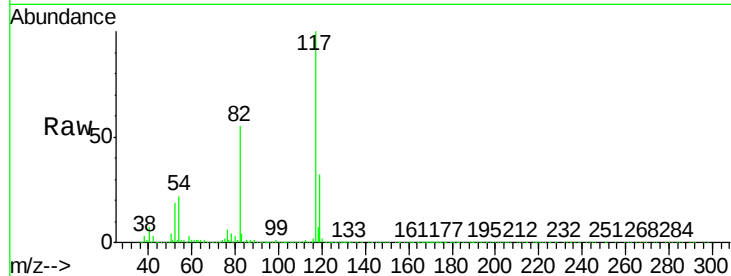
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.3	42.2	63.4
119	31.5	25.1	37.7

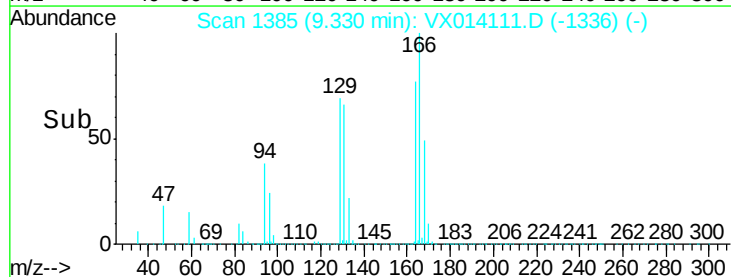
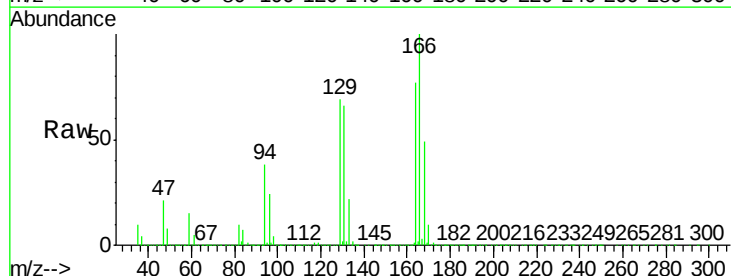
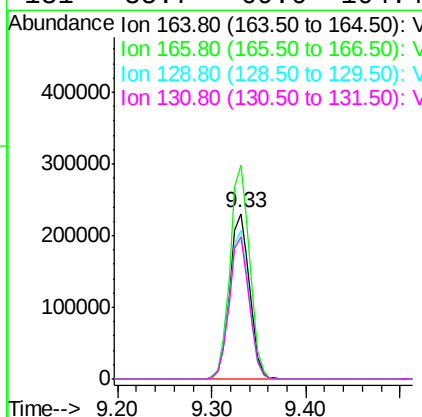
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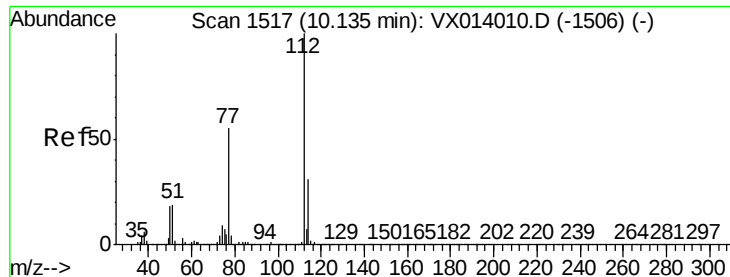
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#64
Tetrachloroethene
Concen: 47.501 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.3	104.0	156.0
129	89.8	72.2	108.4
131	85.7	69.6	104.4





#65

Chlorobenzene

Concen: 49.101 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 834814

Ion Ratio Lower Upper

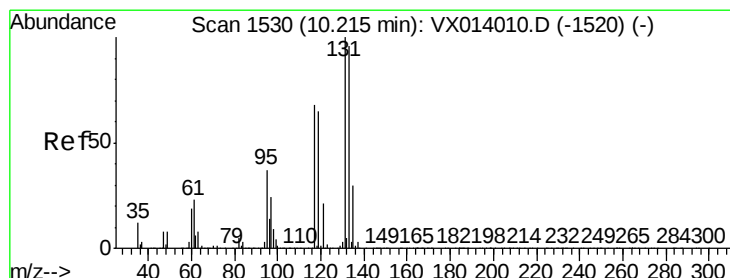
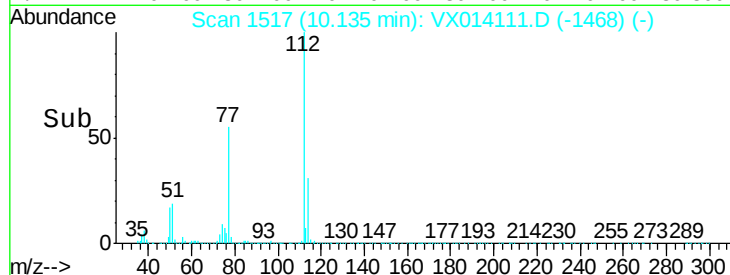
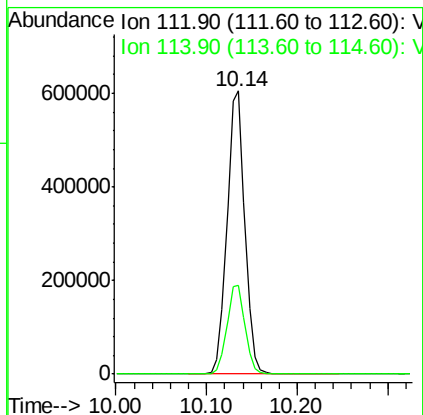
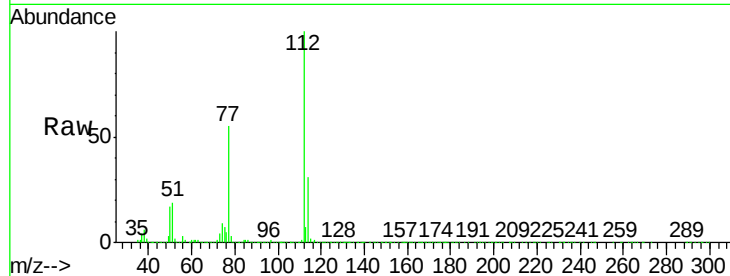
112 100

114 31.2 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.285 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

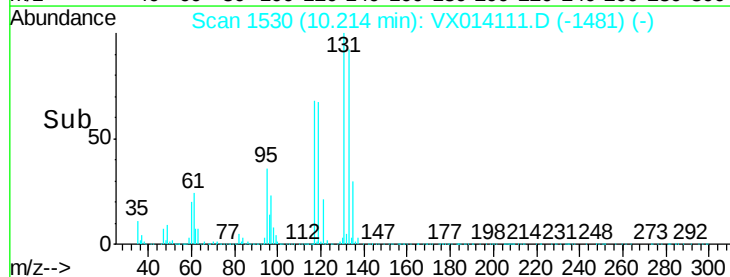
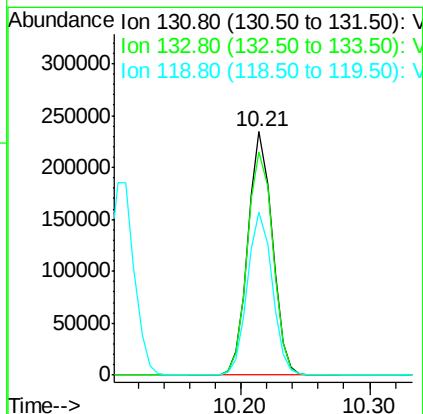
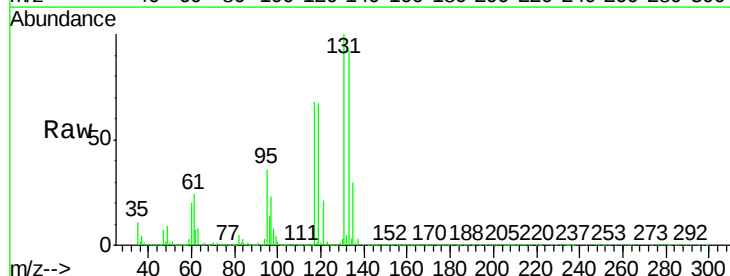
Tgt Ion:131 Resp: 305266

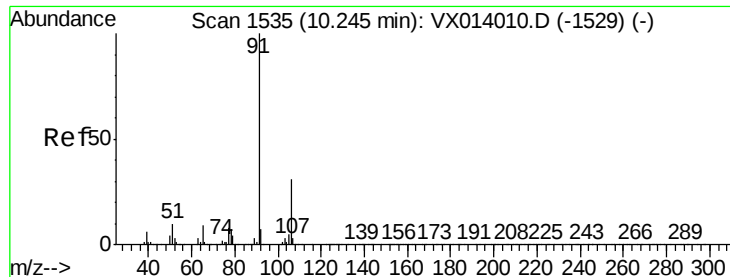
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

119 67.9 33.4 100.2





#67

Ethyl Benzene

Concen: 51.098 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1493624

Ion Ratio Lower Upper

91 100

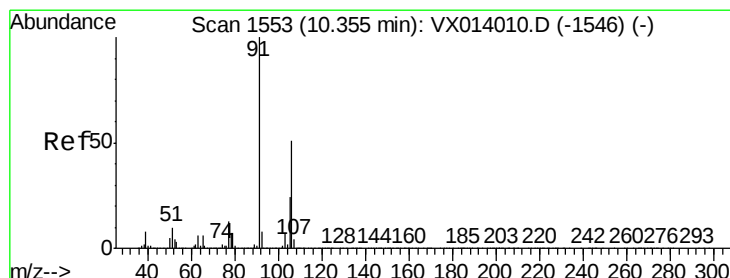
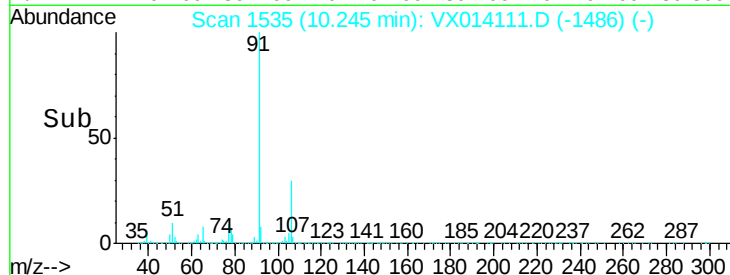
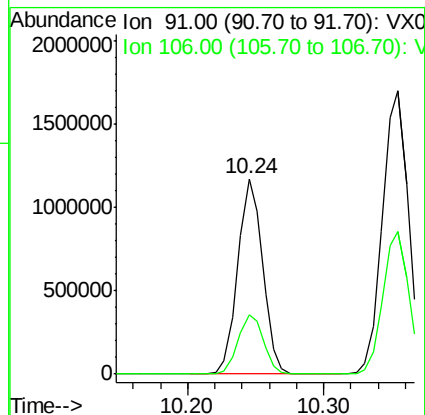
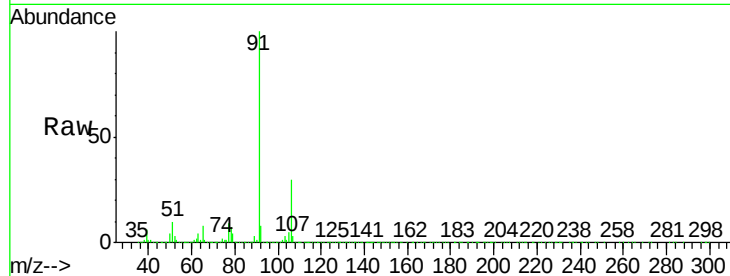
106 30.4 25.0 37.6

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#68

m/p-Xylenes

Concen: 100.708 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014111.D

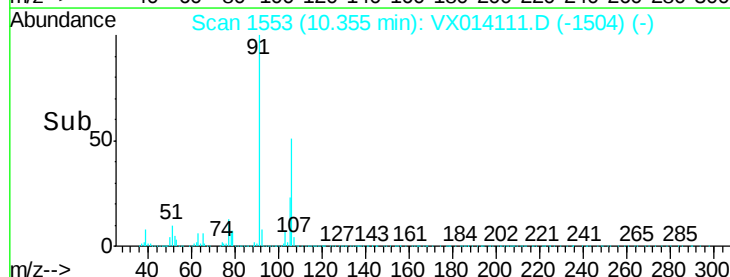
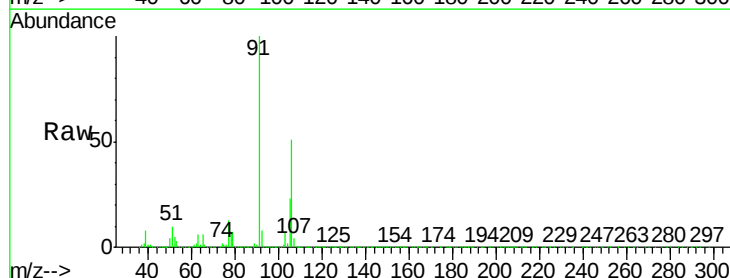
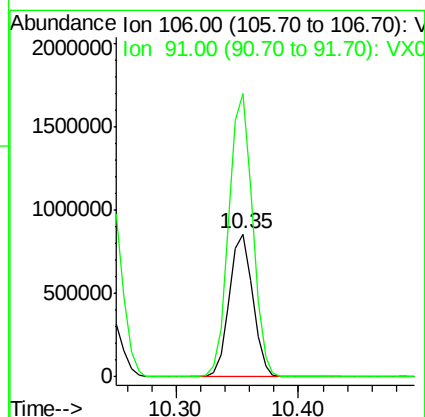
Acq: 19 Dec 2019 10:34

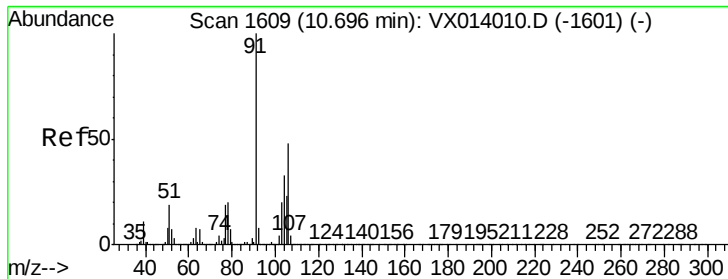
Tgt Ion: 106 Resp: 1132200

Ion Ratio Lower Upper

106 100

91 199.9 158.6 238.0





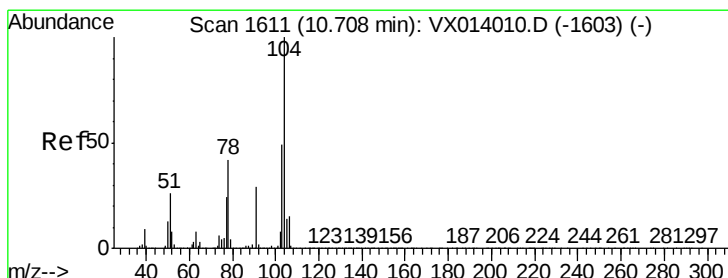
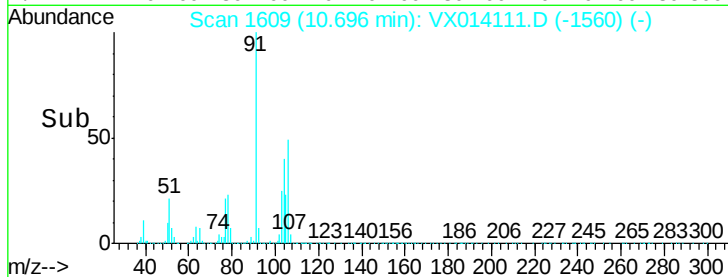
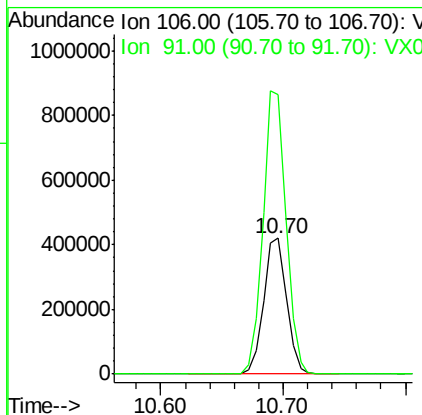
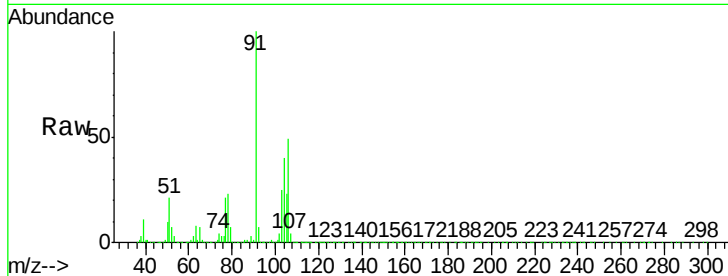
#69
o-Xylene
Concen: 49.981 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	104.2	312.6

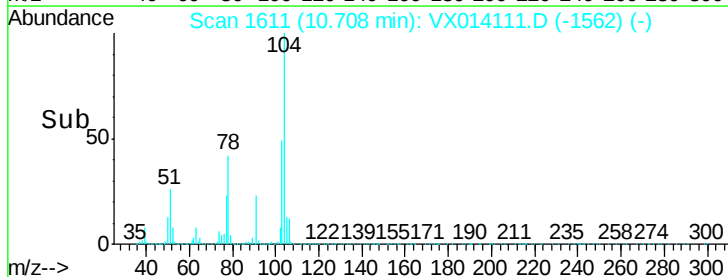
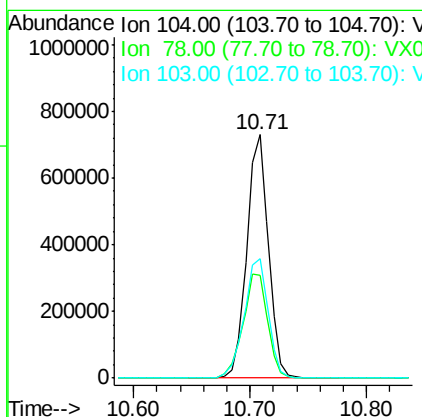
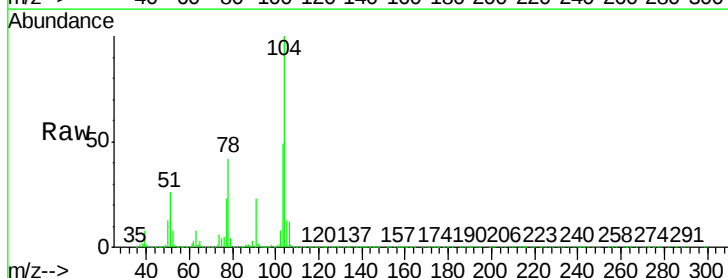
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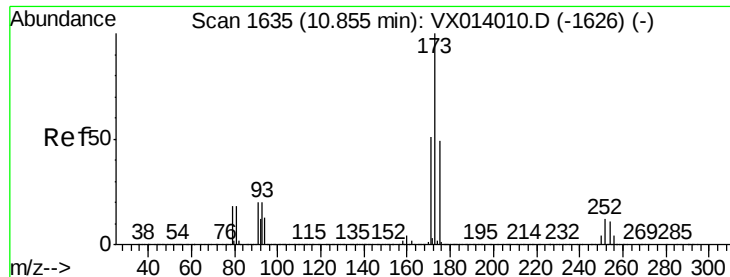
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#70
Styrene
Concen: 50.842 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.5	57.7
103	54.5	42.9	64.3





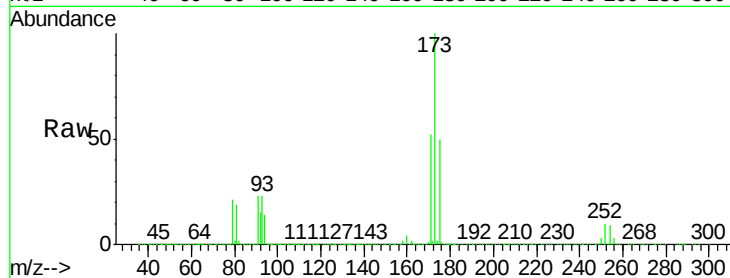
#71
Bromoform
Concen: 50.878 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

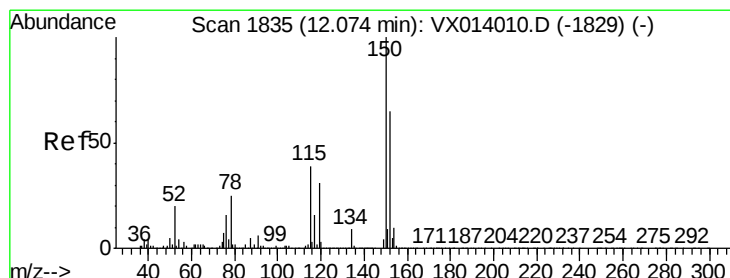
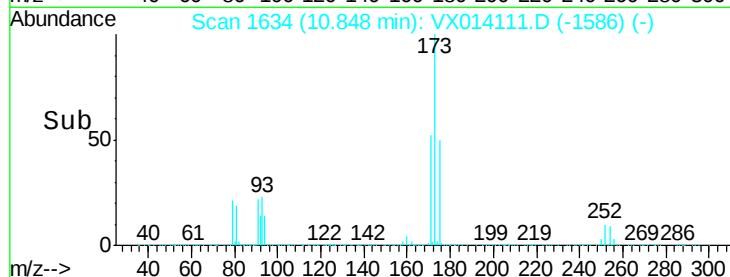
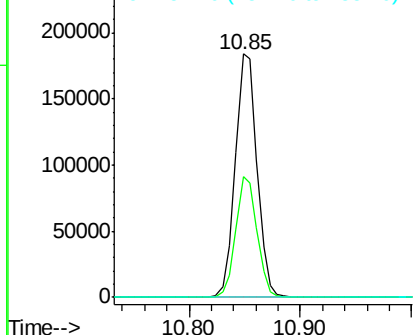
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.3	0.2	0.2#

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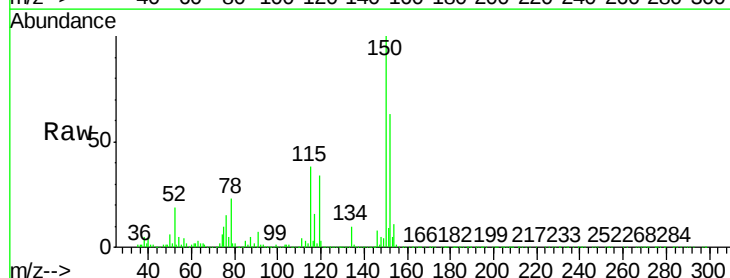


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

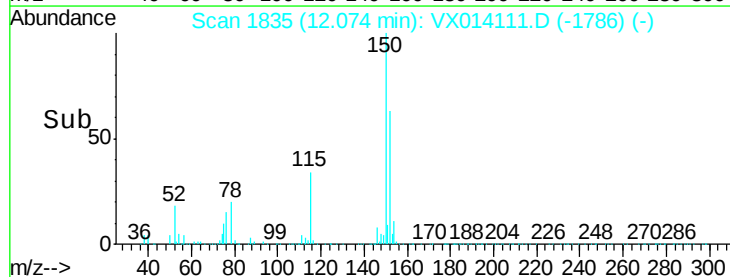
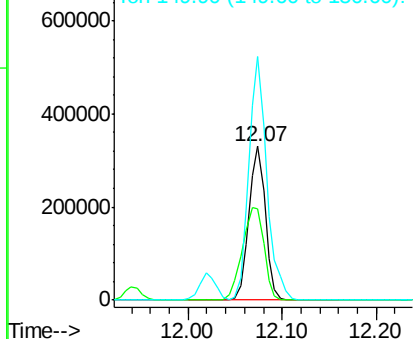


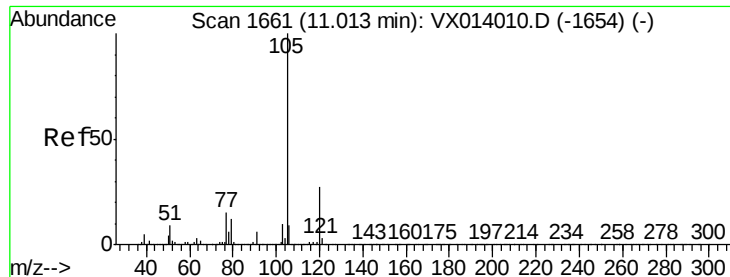
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	38.3	114.9
150	172.6	0.0	345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.321 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1458722

Ion Ratio Lower Upper

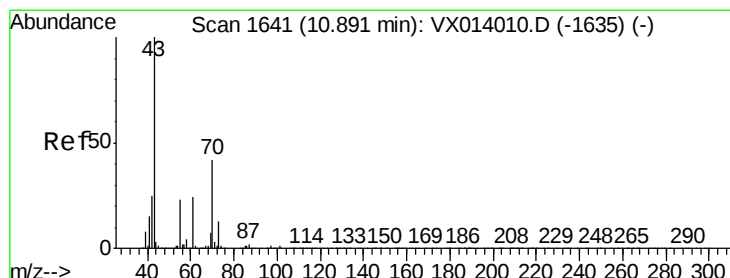
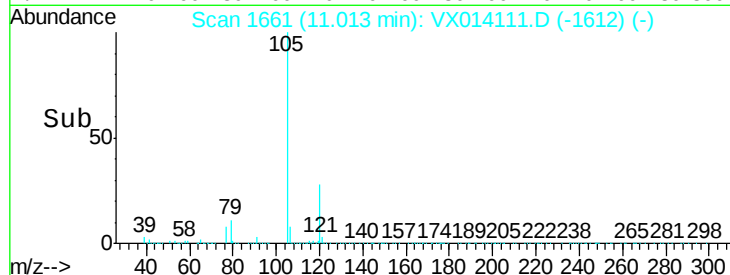
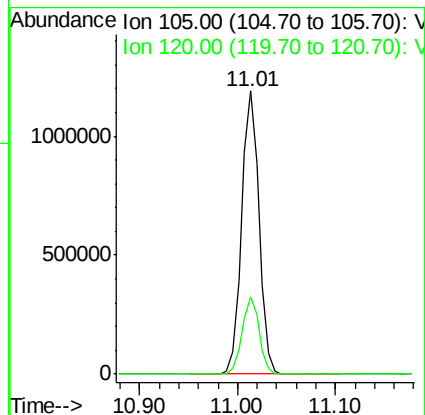
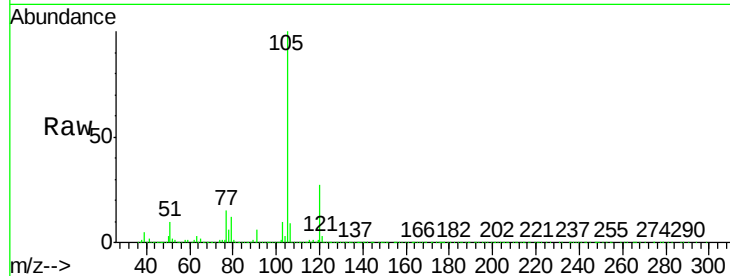
105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.399 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion: 43 Resp: 658159

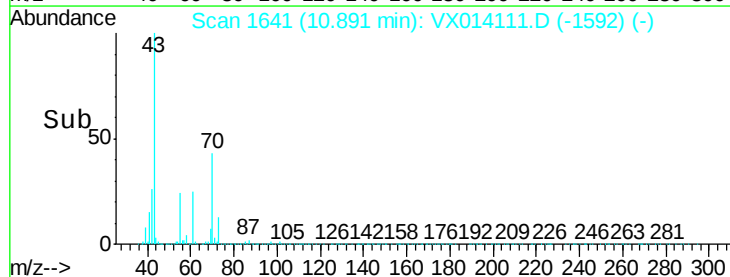
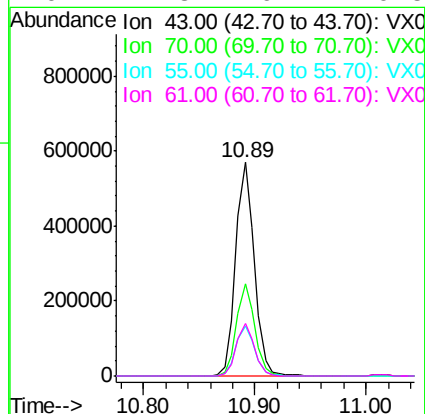
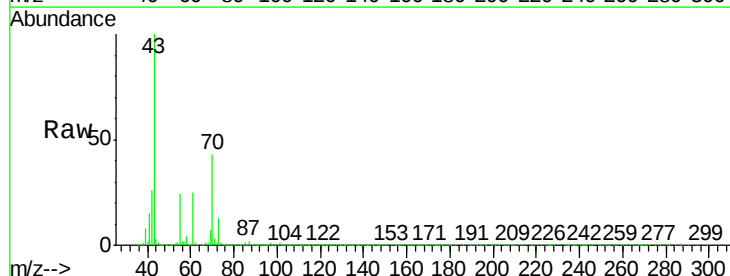
Ion Ratio Lower Upper

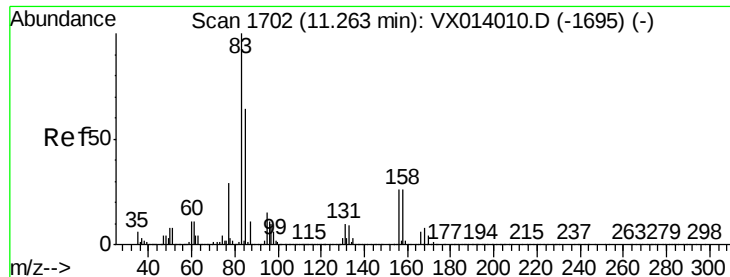
43 100

70 42.5 34.4 51.6

55 23.9 19.1 28.7

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.912 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

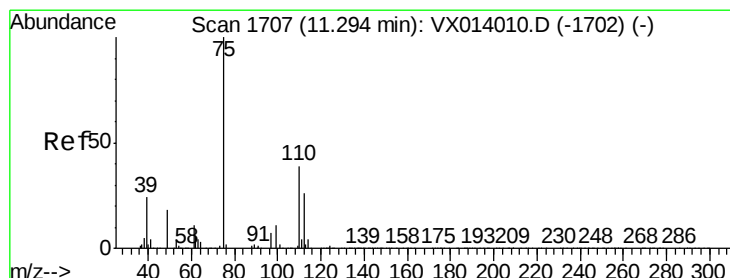
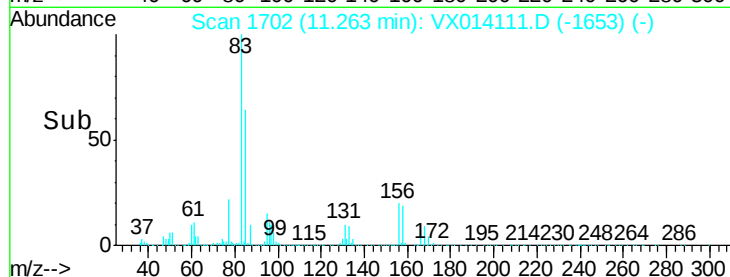
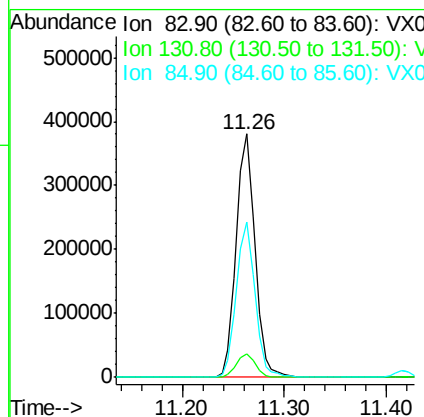
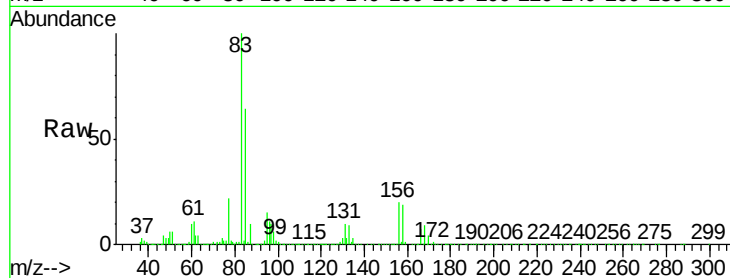
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	481984
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.2
85	63.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 44.427 ug/l m

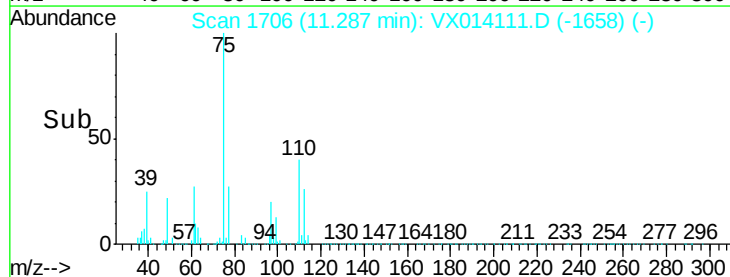
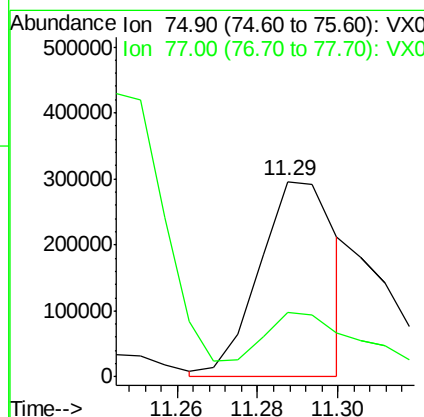
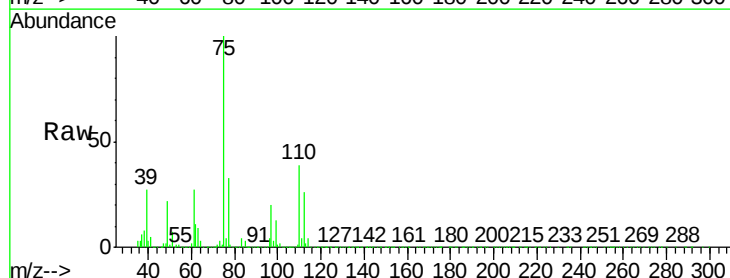
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	75	Resp:	389371
Ion Ratio	Lower	Upper	
75	100		
77	45.2	19.3	57.8





#77

Bromobenzene

Concen: 47.720 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

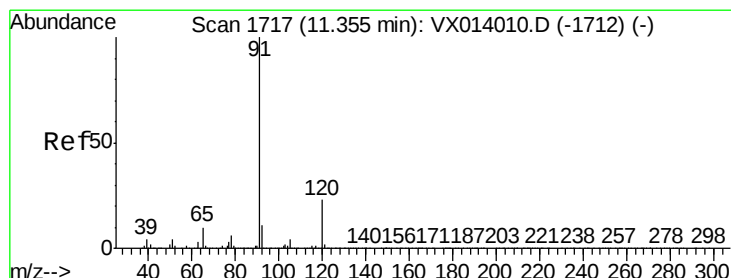
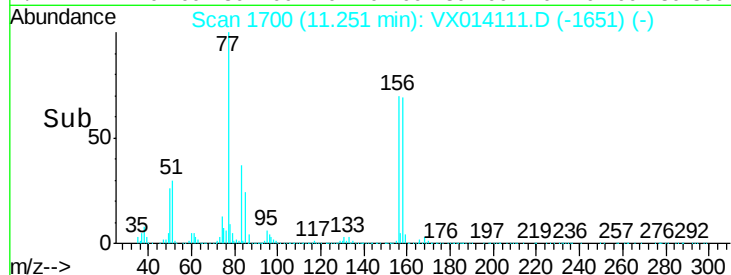
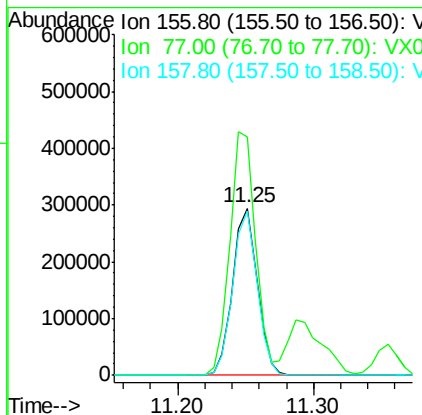
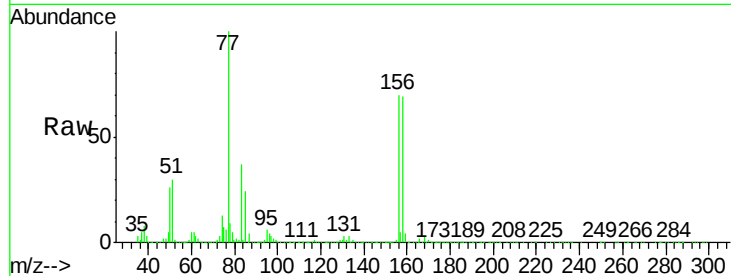
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	151.3		76.5	229.5	
158	97.5		49.3	147.9	

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#78

n-propylbenzene

Concen: 52.710 ug/l

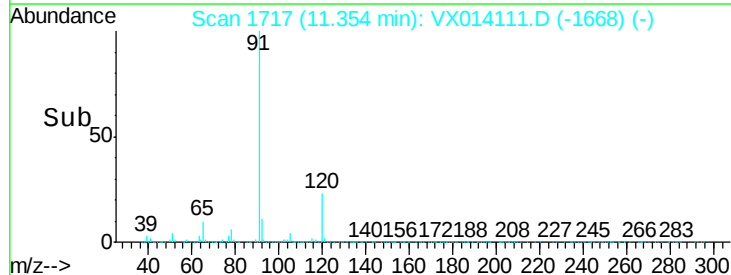
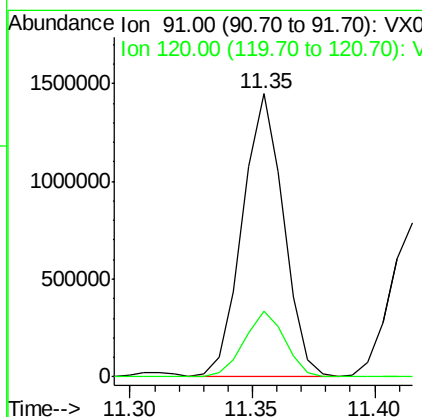
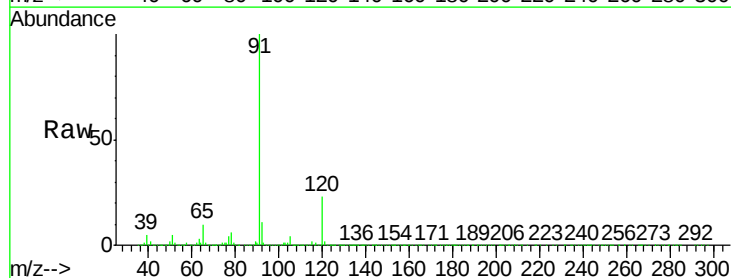
RT: 11.35 min Scan# 1717

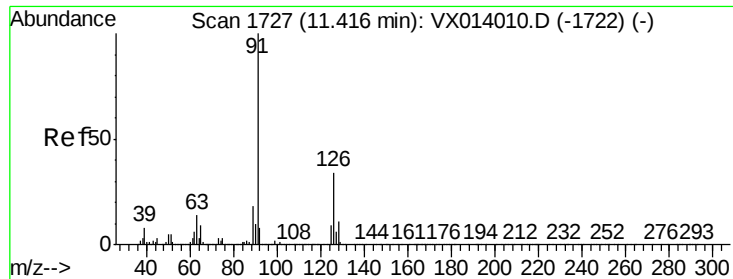
Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.5		11.7	35.0	





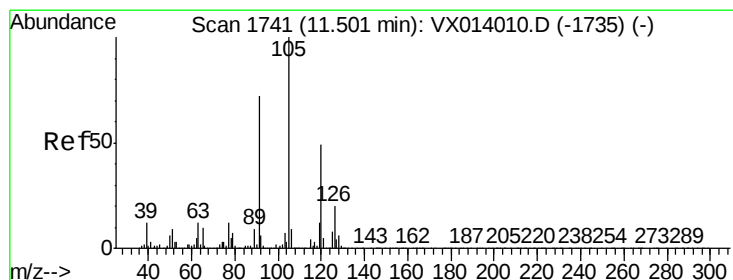
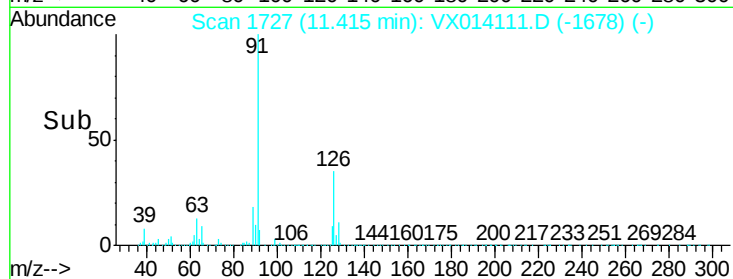
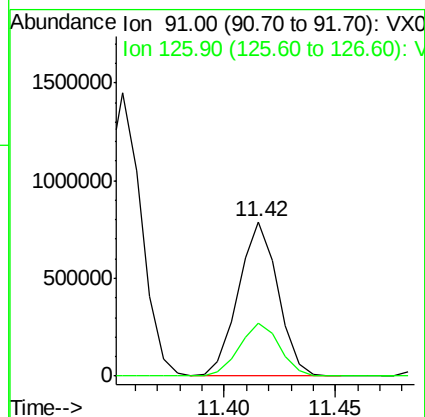
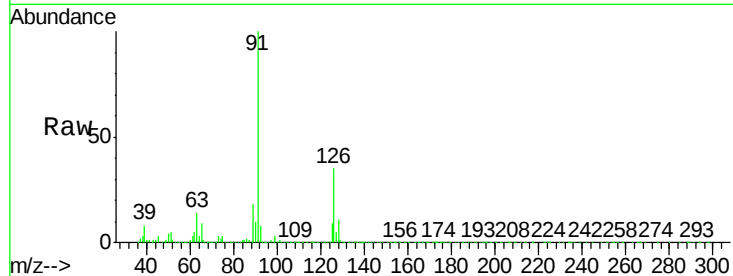
#79
2-Chlorotoluene
Concen: 50.298 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 974793
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

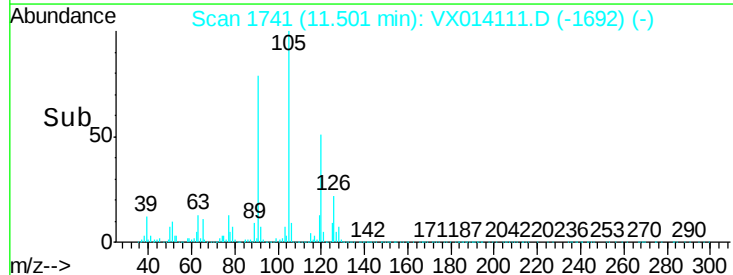
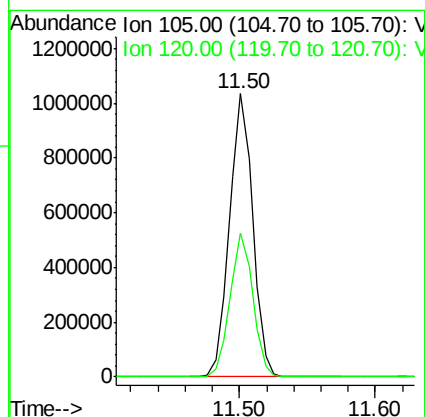
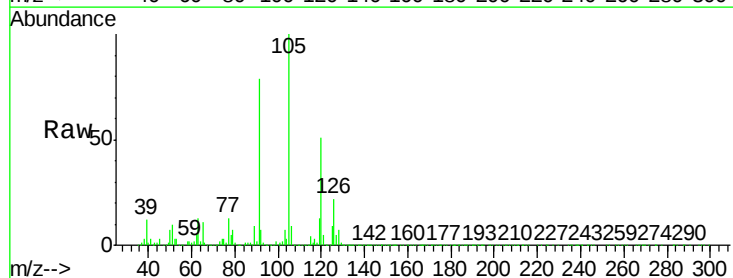
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#80
1,3,5-Trimethylbenzene
Concen: 51.252 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion: 105 Resp: 1226011
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.8





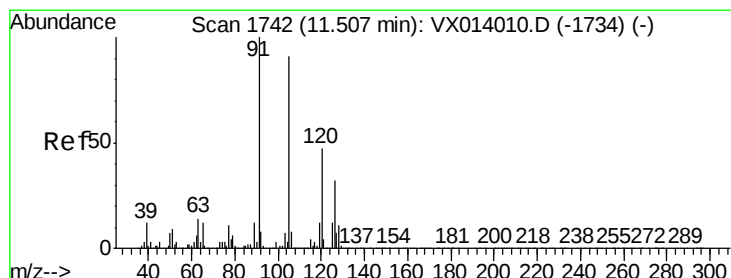
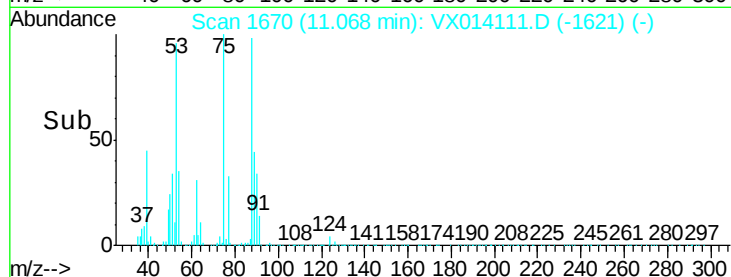
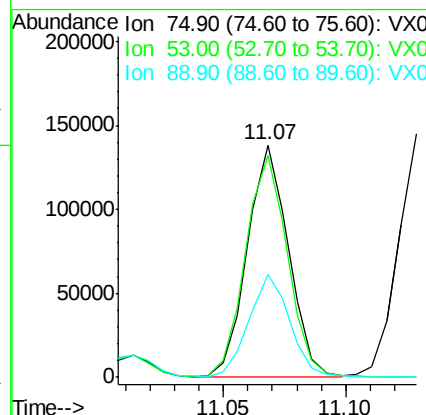
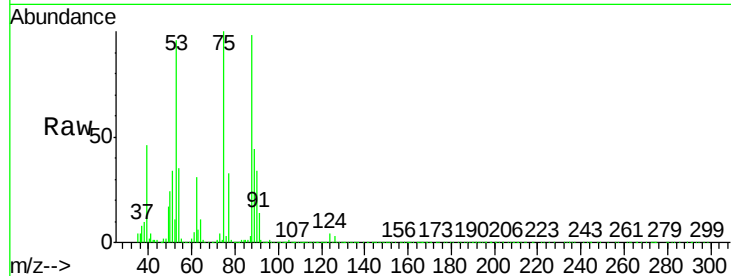
#81
trans-1,4-Dichloro-2-butene
Concen: 52.007 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	76.7	115.1
89	44.5	34.6	51.8

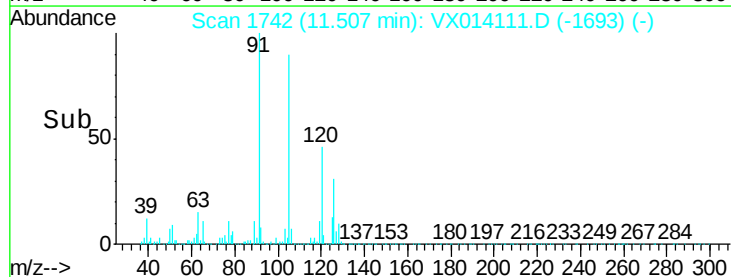
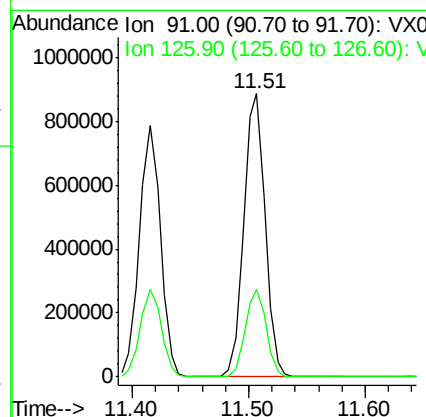
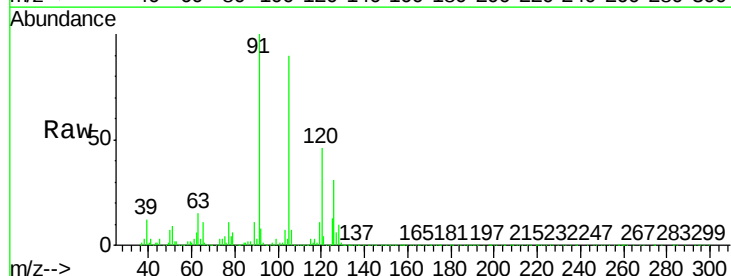
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#82
4-Chlorotoluene
Concen: 50.328 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.6	46.8





#83

tert-Butylbenzene

Concen: 51.305 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

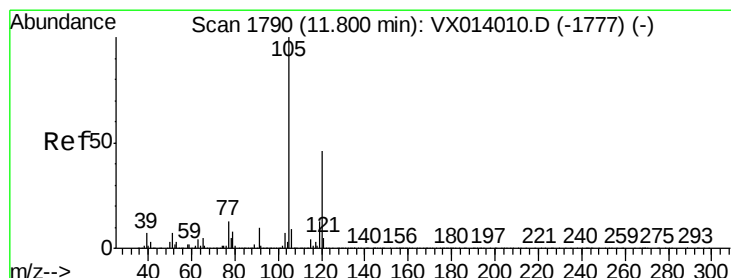
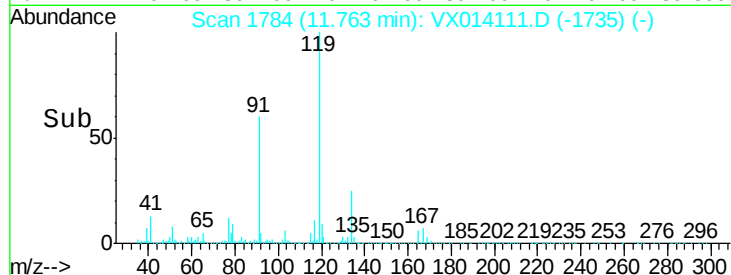
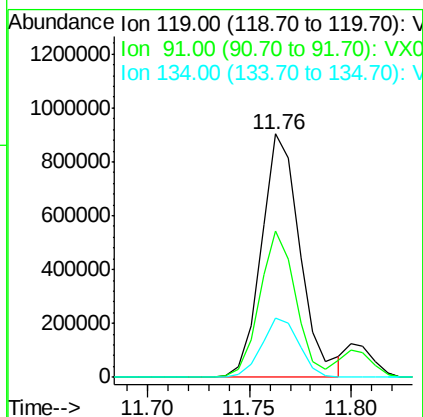
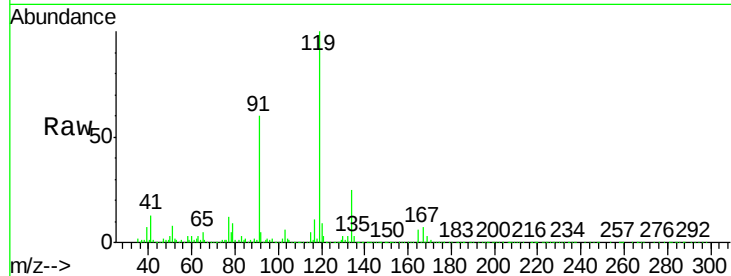
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1194347
Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.5	85.6
134	23.6	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 51.690 ug/l

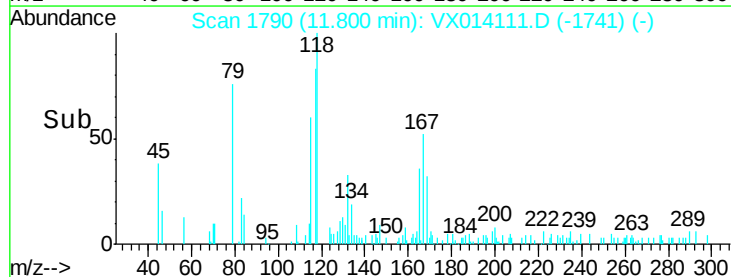
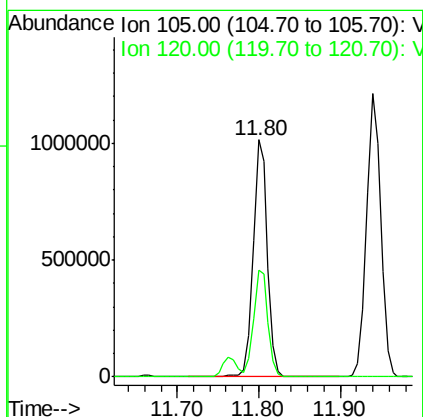
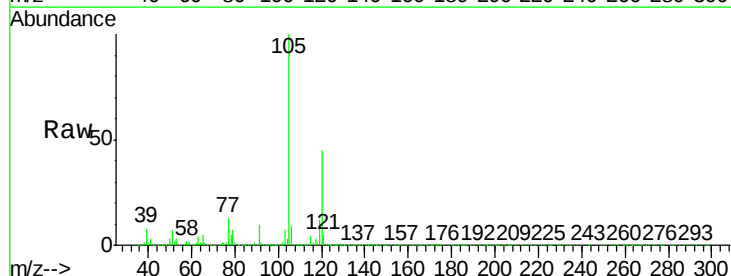
RT: 11.80 min Scan# 1790

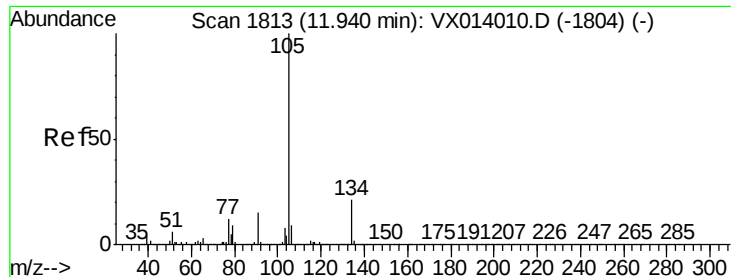
Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	105	Resp:	1238271
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.500 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1442815

Ion Ratio Lower Upper

105 100

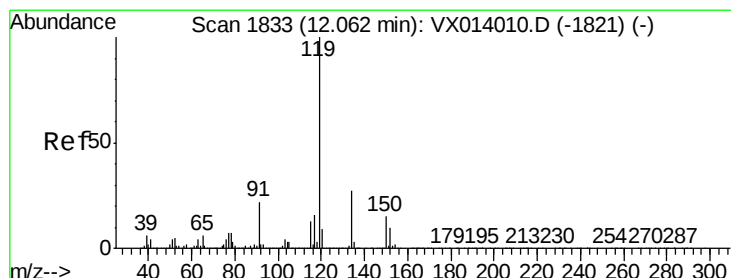
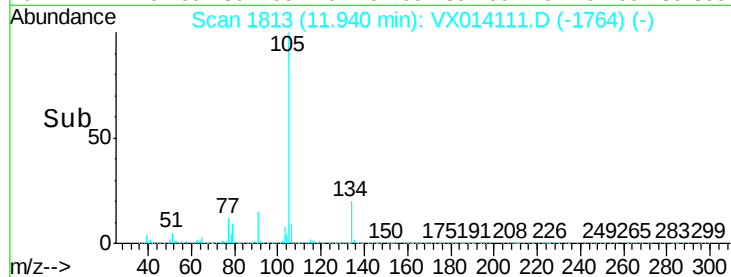
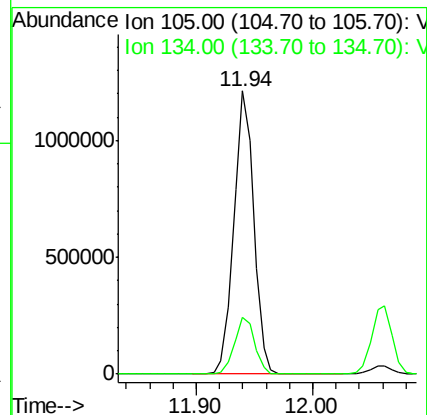
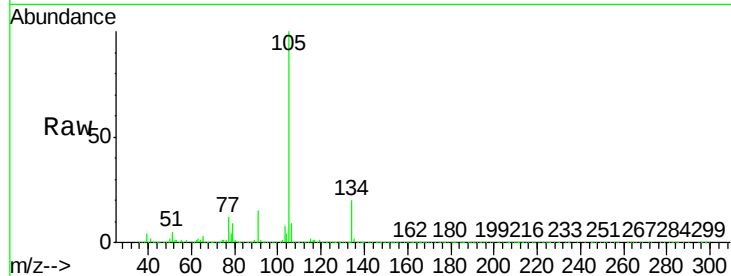
134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 52.992 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

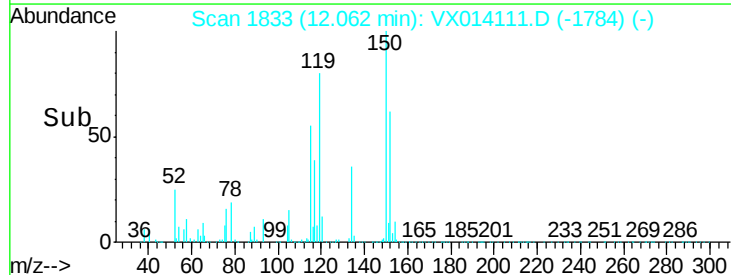
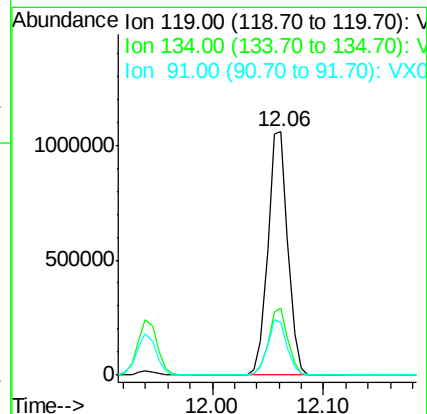
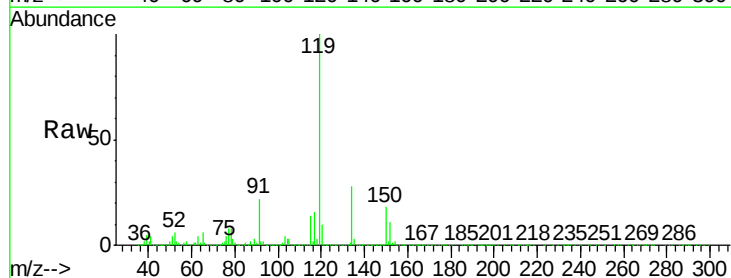
Tgt Ion:119 Resp: 1332159

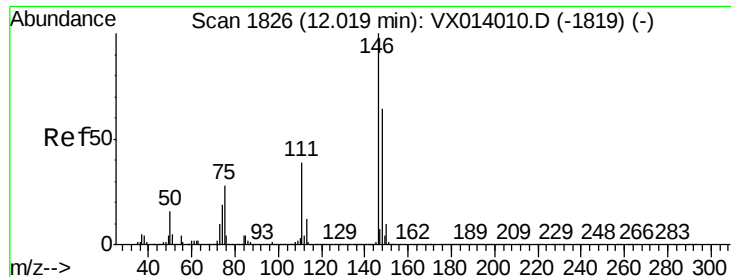
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.2 11.4 34.1





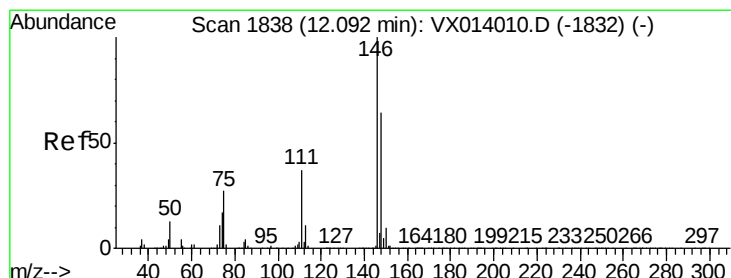
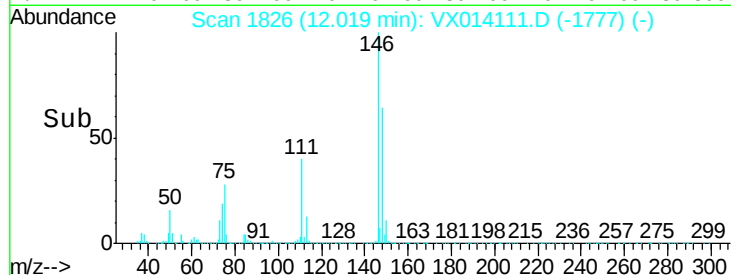
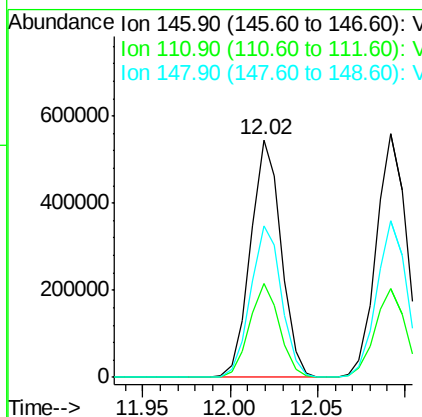
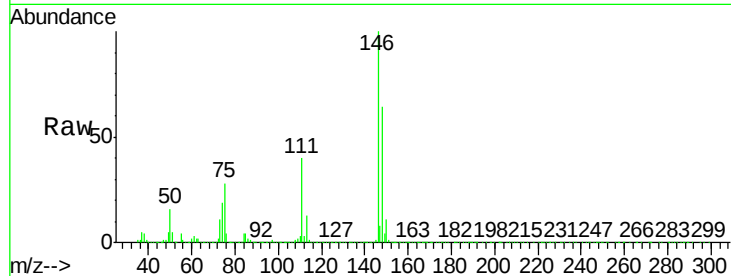
#87
 1,3-Dichlorobenzene
 Concen: 48.214 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.7	32.3	96.9

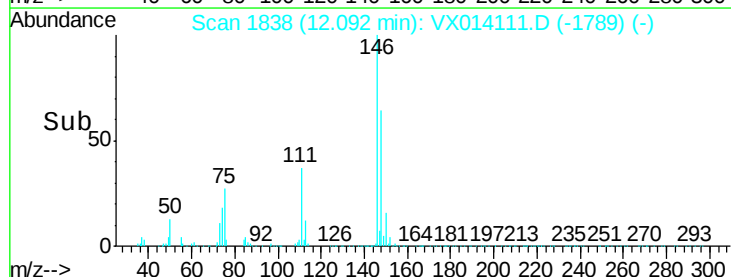
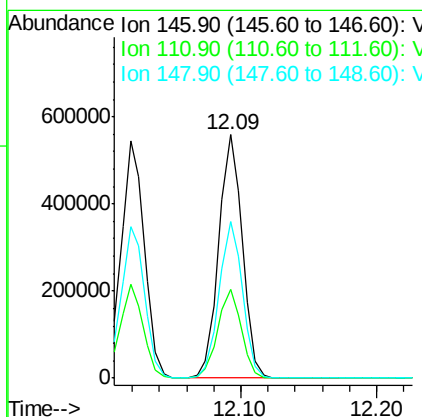
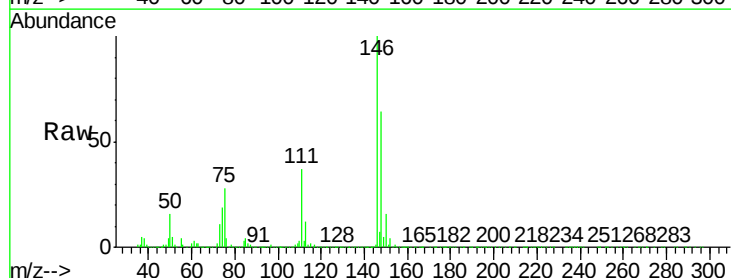
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#88
 1,4-Dichlorobenzene
 Concen: 48.081 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014111.D
 Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	64.1	31.9	95.9





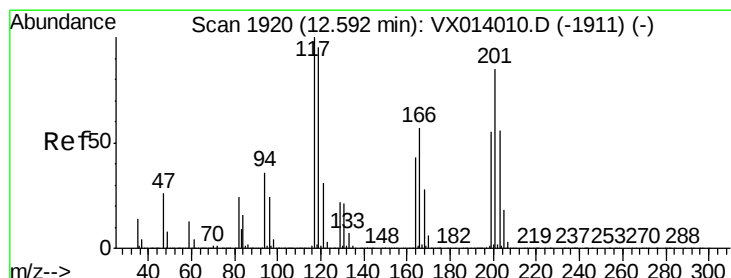
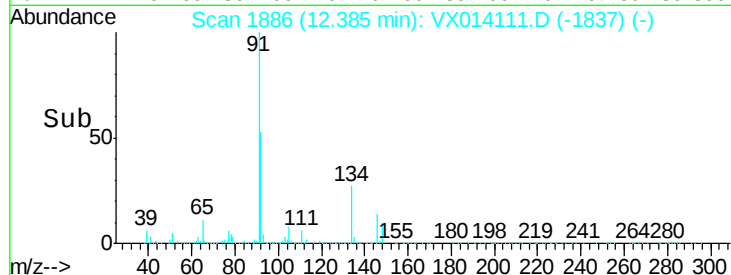
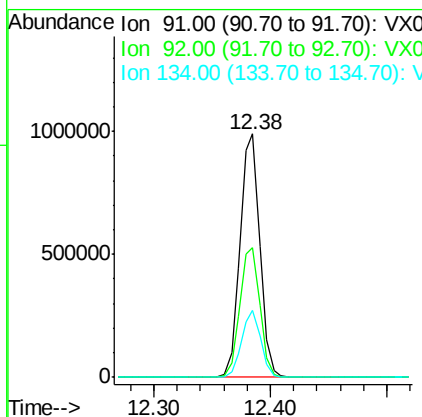
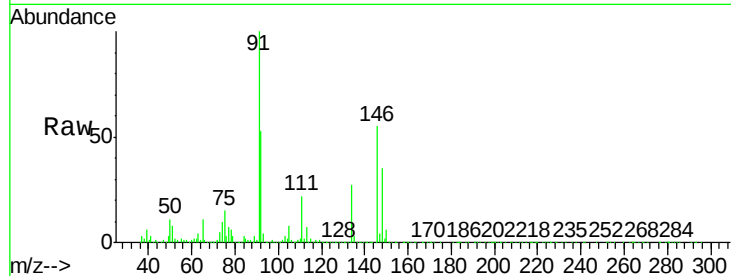
#89
n-Butylbenzene
Concen: 54.466 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.6
134	26.5	13.4	40.1

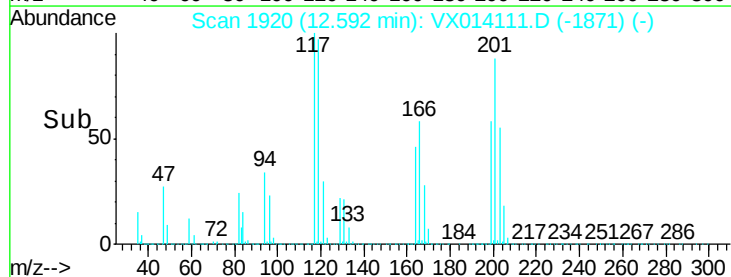
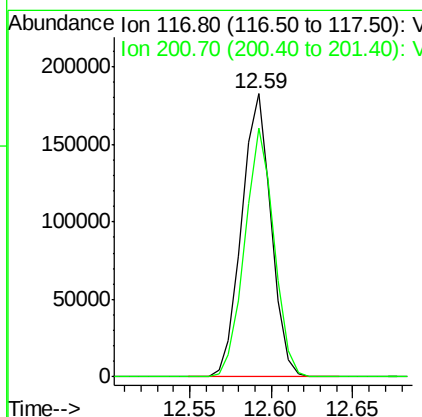
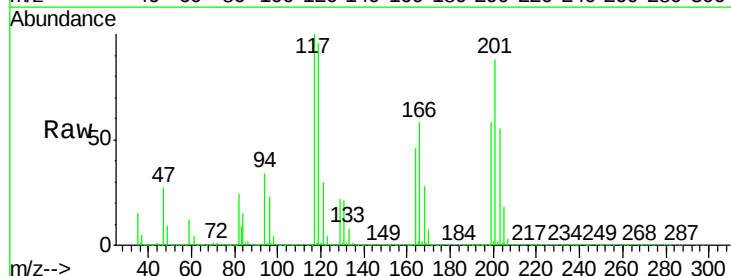
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#90
Hexachloroethane
Concen: 50.845 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014111.D
Acq: 19 Dec 2019 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 48.462 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

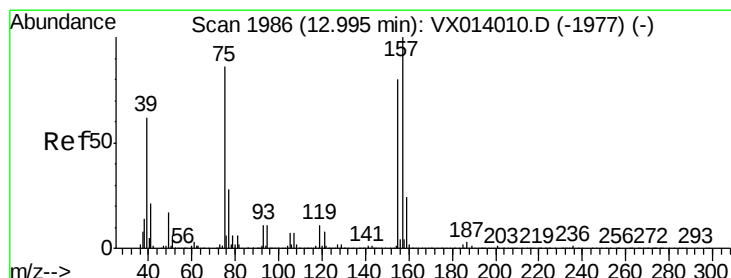
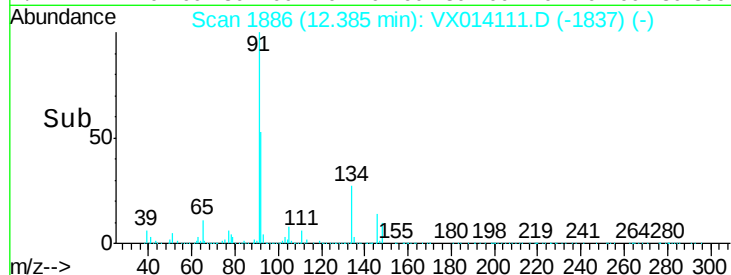
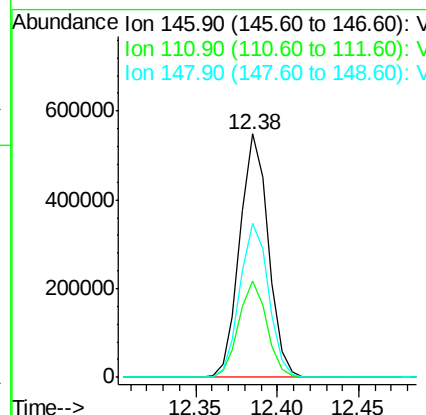
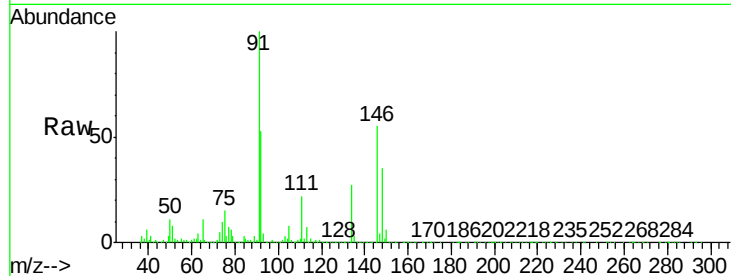
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	668645
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.7	59.1
148	64.0	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.118 ug/l

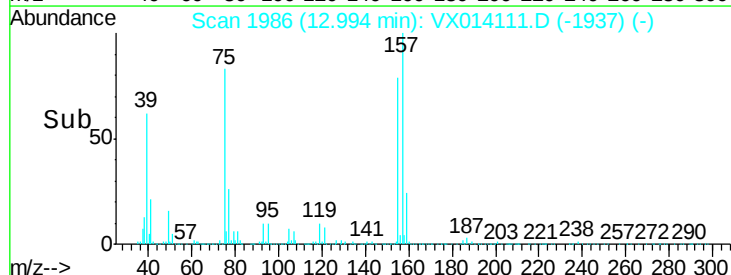
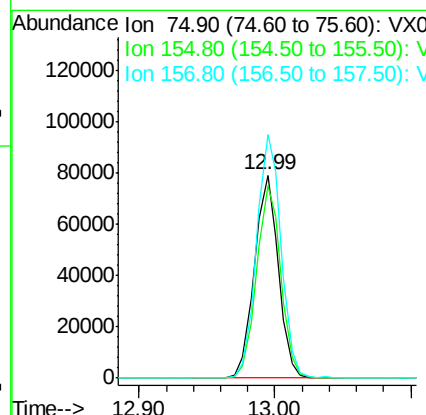
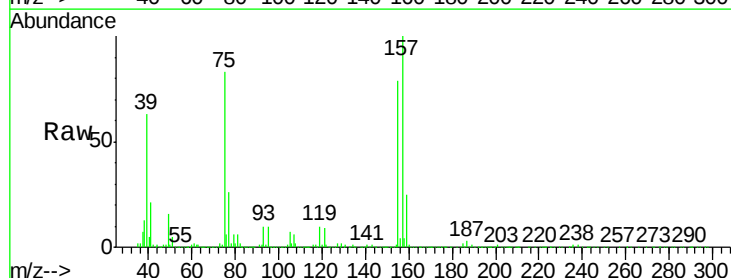
RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	75	Resp:	98387
Ion Ratio	Lower	Upper	
75	100		
155	96.2	46.9	140.6
157	122.5	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 50.109 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

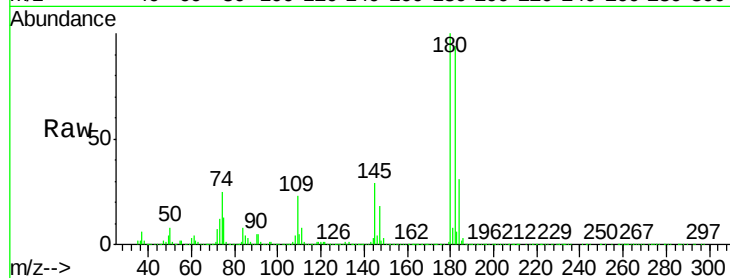
ClientSampleId :

VSTDCCC050

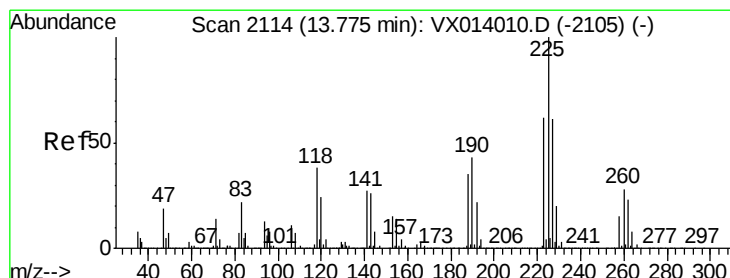
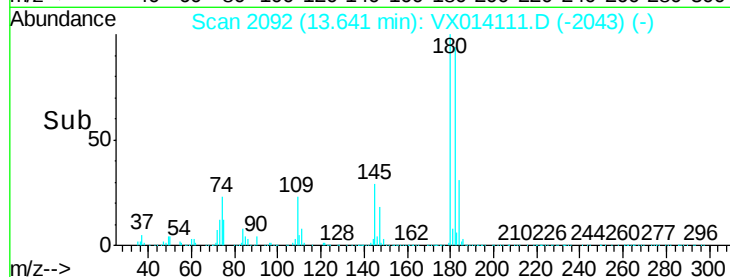
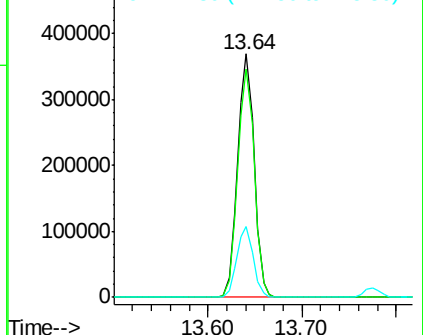
Tot Ion:	180	Resp:	449361
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.6	139.8
145	28.7	14.2	42.6

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 49.137 ug/l

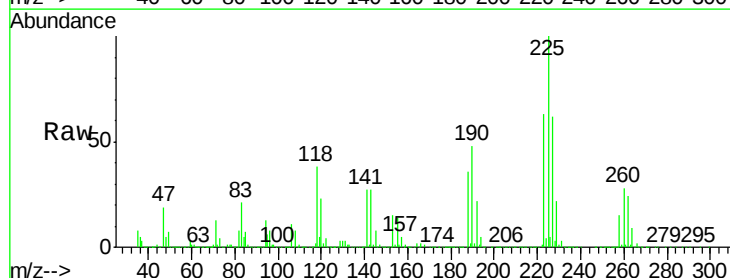
RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

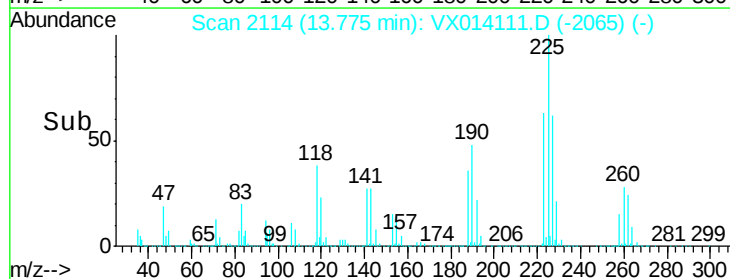
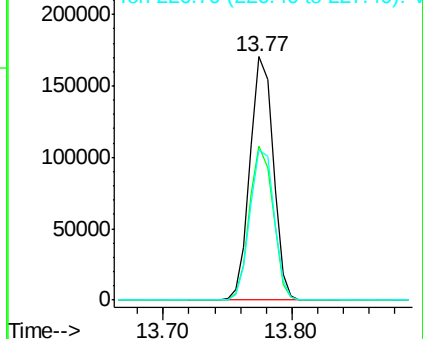
Lab File: VX014111.D

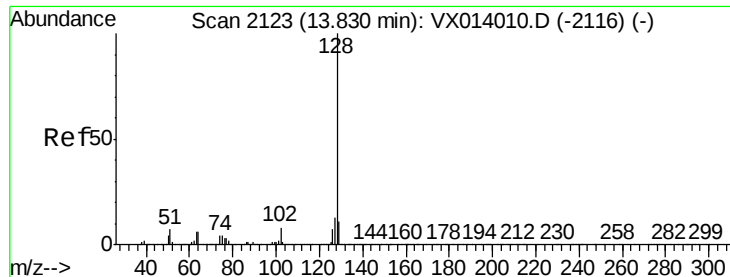
Acq: 19 Dec 2019 10:34

Tgt Ion:	225	Resp:	211773
Ion Ratio	Lower	Upper	
225	100		
223	63.9	30.9	92.5
227	64.2	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.325 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Instrument :

MSVOA_X

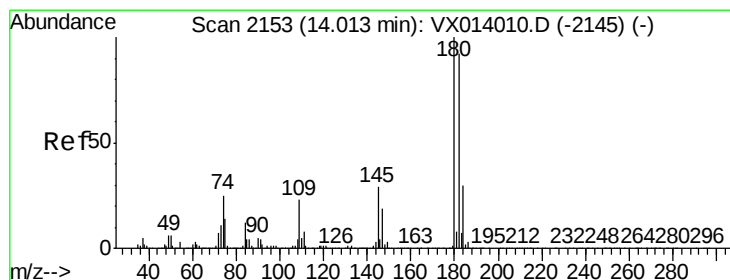
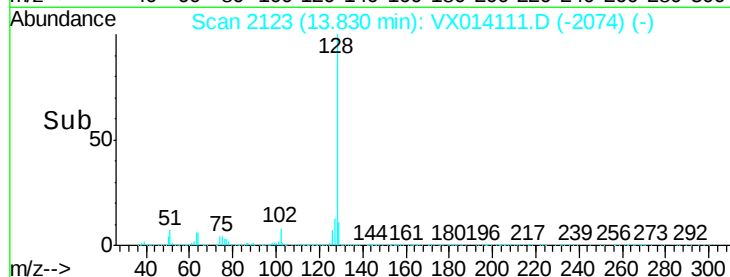
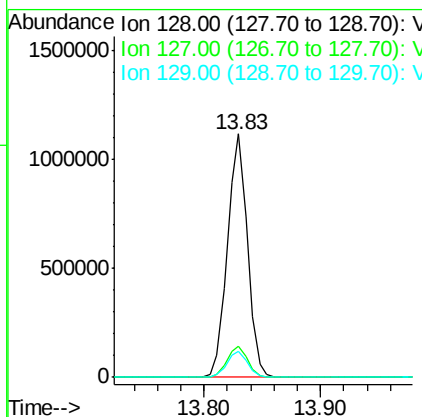
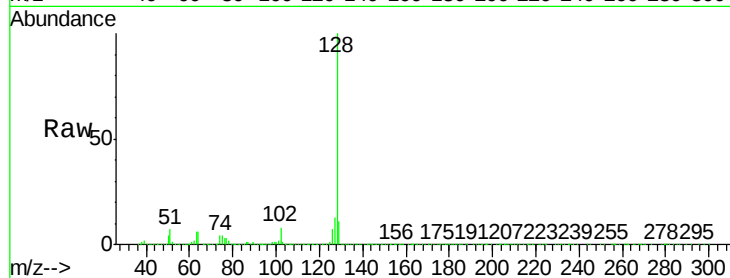
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1325925
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
12/20/2019 10:12:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.767 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014111.D

Acq: 19 Dec 2019 10:34

Tgt Ion:	180	Resp:	449410
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	29.6	14.8	44.4

