

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013833.D
 Acq On : 07 Dec 2019 05:04
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Manual Integrations
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 12/9/2019 9:08:22 AM

Quant Time: Dec 07 05:59:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	537910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	866613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	780920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	385230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	303835	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.49	113	252242	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	8.71	98	954535	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
62) 4-Bromofluorobenzene	11.14	95	346799	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	286146	47.793	ug/l	98
3) Chloromethane	1.32	50	322473	48.001	ug/l	100
4) Vinyl Chloride	1.40	62	381887	50.505	ug/l	100
5) Bromomethane	1.63	94	216274	42.590	ug/l	97
6) Chloroethane	1.70	64	213142	49.536	ug/l	96
7) Trichlorofluoromethane	1.92	101	409987	48.830	ug/l	99
8) Diethyl Ether	2.18	74	194559	51.219	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1290040	251.542	ug/l	99
10) Methyl Iodide	2.50	142	316335	50.991	ug/l	100
11) Tert butyl alcohol	3.04	59	396864	257.503	ug/l	99
12) 1,1-Dichloroethene	2.36	96	265759	51.915	ug/l	100
13) Acrolein	2.28	56	301624	291.613	ug/l	99
14) Allyl chloride	2.72	41	443740	47.766	ug/l	99
15) Acrylonitrile	3.13	53	814618	256.063	ug/l	99
16) Acetone	2.44	43	720193	233.624	ug/l	99
17) Carbon Disulfide	2.56	76	634535	43.482	ug/l	100
18) Methyl Acetate	2.76	43	419927	48.919	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	871897	51.414	ug/l	97
20) Methylene Chloride	2.84	84	292414	49.374	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	271791	48.737	ug/l	97
22) Diisopropyl ether	3.84	45	932442	52.126	ug/l	99
23) Vinyl Acetate	3.80	43	3339842	224.436	ug/l	99
24) 1,1-Dichloroethane	3.69	63	507840	51.933	ug/l	99
25) 2-Butanone	4.66	43	1165934	254.488	ug/l	99
26) 2,2-Dichloropropane	4.57	77	262441	32.437	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	351728	54.921	ug/l	97
28) Bromochloromethane	5.00	49	208960	54.074	ug/l	99
29) Tetrahydrofuran	5.12	42	742434	262.870	ug/l	99
30) Chloroform	5.20	83	495884	50.002	ug/l	96
31) Cyclohexane	5.57	56	441087	47.823	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	418240	50.467	ug/l	100
36) 1,1-Dichloropropene	5.79	75	358465	45.567	ug/l	99
37) Ethyl Acetate	4.82	43	396740	44.955	ug/l	99
38) Carbon Tetrachloride	5.77	117	354116	48.818	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	426073	43.817	ug/l	97
40) Benzene	6.14	78	1154069	48.168	ug/l	99
41) Methacrylonitrile	5.03	41	246693	50.971	ug/l	100
42) 1,2-Dichloroethane	6.18	62	400067	48.961	ug/l	100
43) Isopropyl Acetate	6.43	43	668148	45.987	ug/l	99
44) Trichloroethene	7.21	130	1039501	158.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	298374	49.774	ug/l	97
46) Dibromomethane	7.65	93	193289	47.475	ug/l	98
47) Bromodichloromethane	7.89	83	381412	49.555	ug/l	99
48) Methyl methacrylate	7.76	41	353586	50.088	ug/l	98
49) 1,4-Dioxane	7.73	88	168159	1064.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2333479	255.328	ug/l	99
52) Toluene	8.78	92	719235	48.321	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	394691	45.052	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	444390	46.429	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300708	50.133	ug/l	99
56) Ethyl methacrylate	9.17	69	482735	50.058	ug/l	100
57) 1,3-Dichloropropane	9.37	76	508227	49.157	ug/l	100
59) 2-Hexanone	9.49	43	1798524	252.324	ug/l	99
60) Dibromochloromethane	9.58	129	313186	50.312	ug/l	99
61) 1,2-Dibromoethane	9.67	107	310853	48.523	ug/l	98
64) Tetrachloroethene	9.33	164	347065	59.596	ug/l	99
65) Chlorobenzene	10.14	112	781061	48.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	292093	50.170	ug/l	100
67) Ethyl Benzene	10.25	91	1358166	48.748	ug/l	100
68) m/p-Xylenes	10.35	106	1032432	96.790	ug/l	100
69) o-Xylene	10.70	106	508918	48.919	ug/l	99
70) Stvrene	10.71	104	870732	49.756	ug/l	100
71) Bromoform	10.85	173	241157	50.060	ug/l	100
73) Isopropylbenzene	11.01	105	1332545	49.313	ug/l	99
74) N-amyl acetate	10.89	43	564184	45.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	489504	52.235	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	369611m	42.658	ug/l	
77) Bromobenzene	11.25	156	351066	48.090	ug/l	99
78) n-propylbenzene	11.35	91	1459387	48.380	ug/l	99
79) 2-Chlorotoluene	11.42	91	887655	49.054	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1104093	49.852	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	133129	42.036	ug/l	97
82) 4-Chlorotoluene	11.51	91	1002374	47.827	ug/l	100
83) tert-Butylbenzene	11.76	119	1133939	50.379	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1100172	48.946	ug/l	100
85) sec-Butylbenzene	11.94	105	1251582	48.682	ug/l	99
86) p-Isopropyltoluene	12.06	119	1145695	47.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	606032	47.624	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	599945	46.286	ug/l	99
89) n-Butylbenzene	12.39	91	939521	46.057	ug/l	99
90) Hexachloroethane	12.59	117	212001	49.039	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	615799	48.977	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	101759	49.864	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	382179	43.615	ug/l	99

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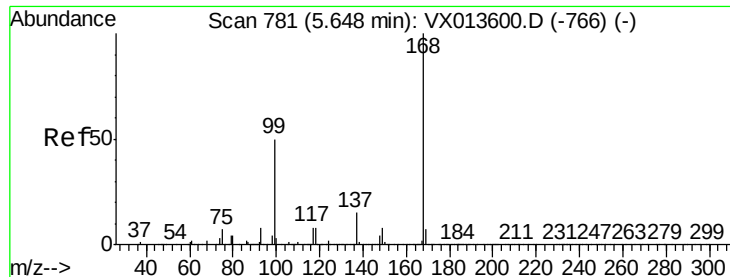
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173810	41.291	ug/l	99
95) Naphthalene	13.83	128	1221045	46.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	391020	45.069	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:168 Resp: 537910

Ion Ratio Lower Upper

168 100

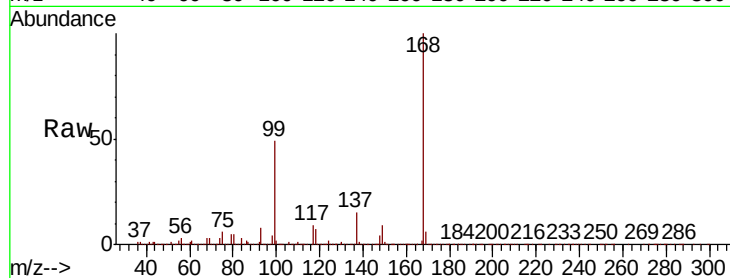
99 48.6 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

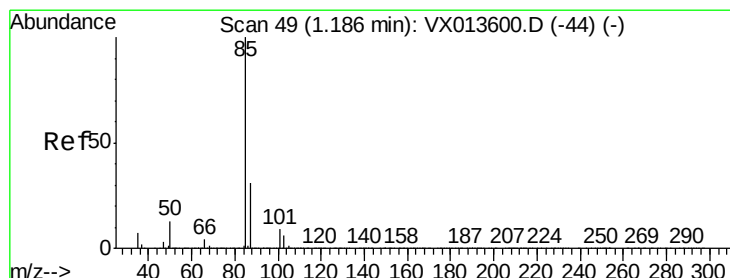
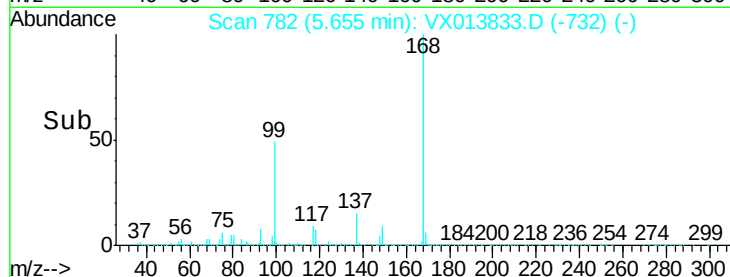
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.793 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013833.D

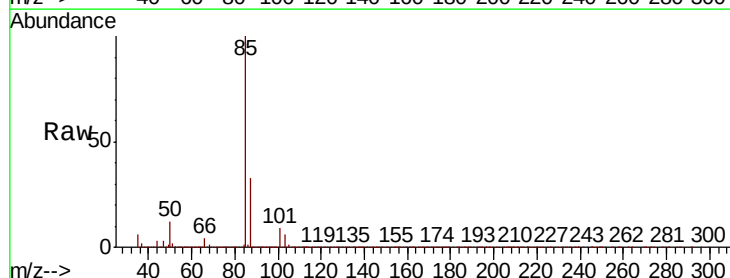
Acq: 07 Dec 2019 05:04

Tgt Ion: 85 Resp: 286146

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

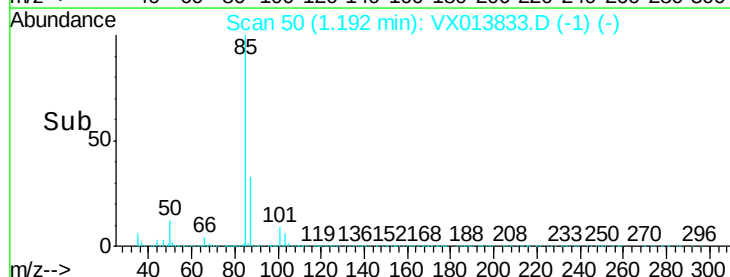
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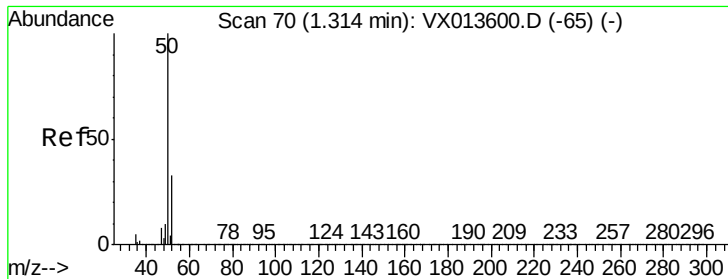
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 48.001 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 50 Resp: 322473

Ion Ratio Lower Upper

50 100

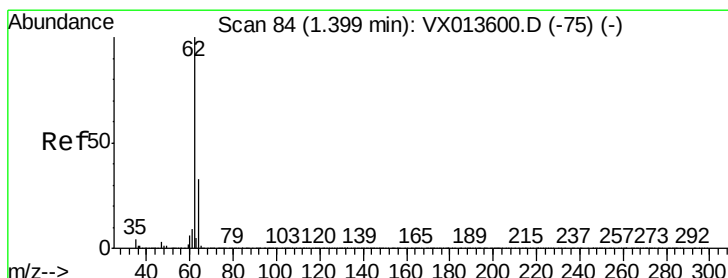
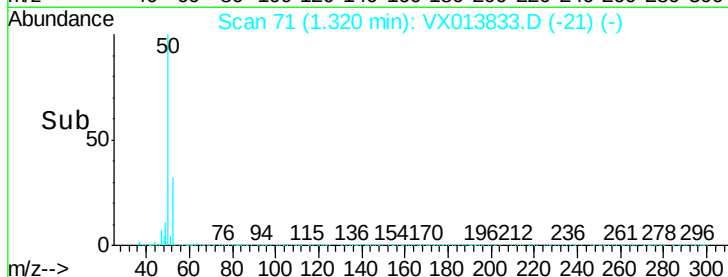
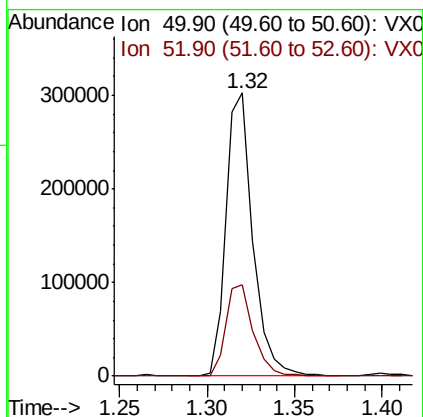
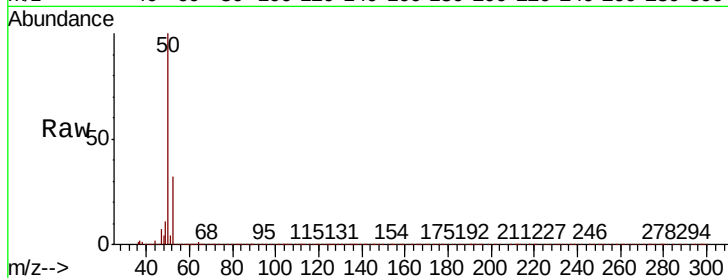
52 32.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.505 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013833.D

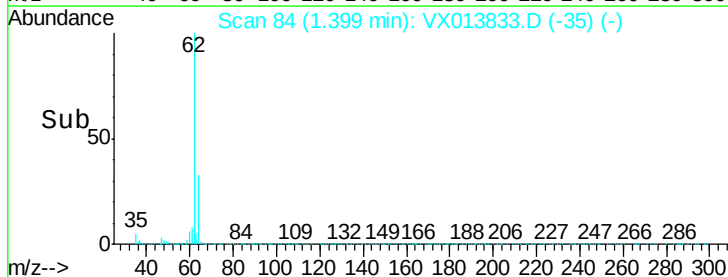
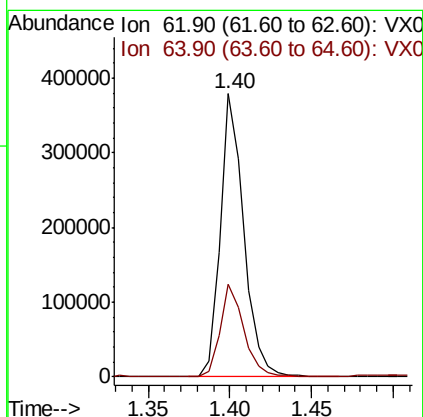
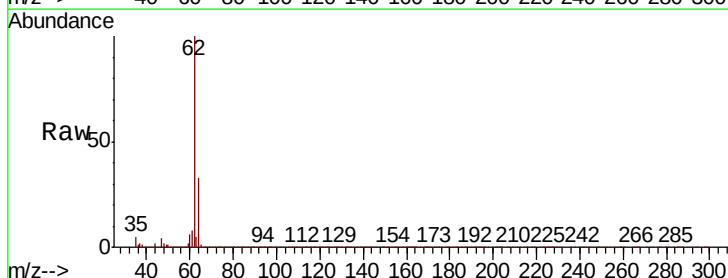
Acq: 07 Dec 2019 05:04

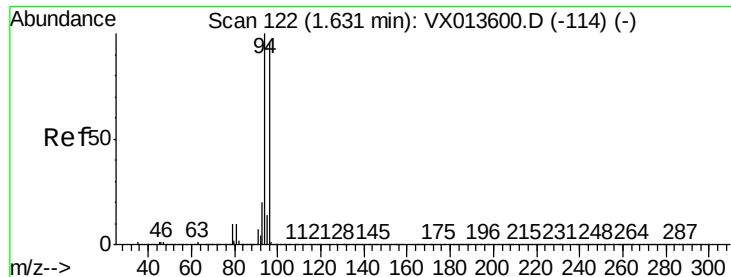
Tgt Ion: 62 Resp: 381887

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 42.590 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 94 Resp: 216274

Ion Ratio Lower Upper

94 100

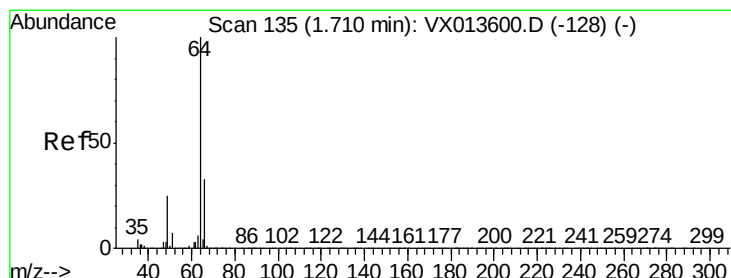
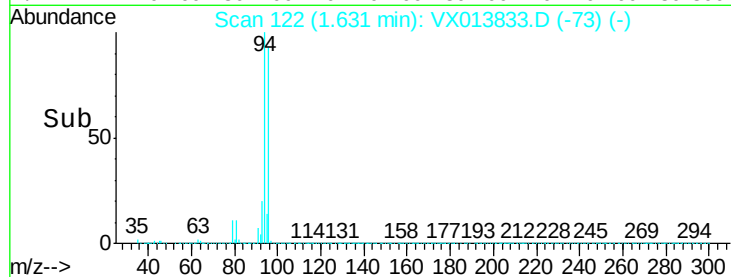
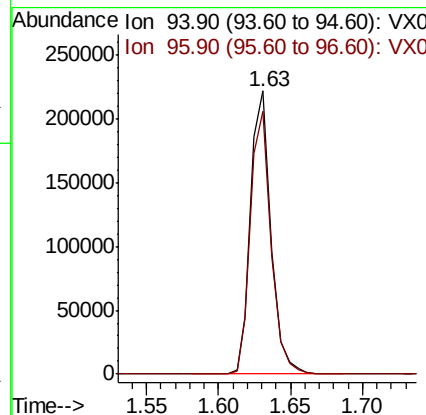
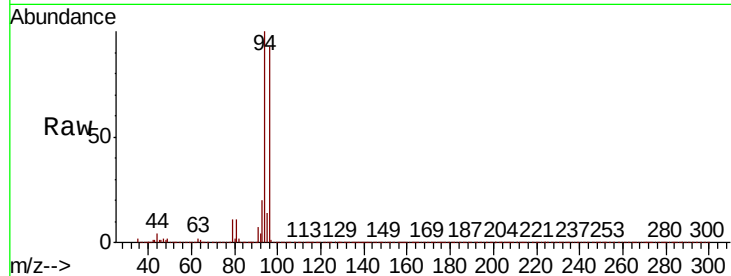
96 92.8 77.0 115.4

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#6

Chloroethane

Concen: 49.536 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013833.D

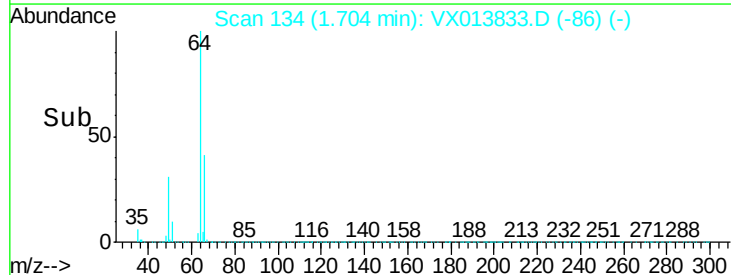
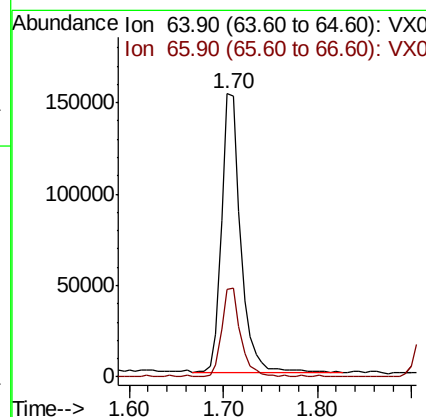
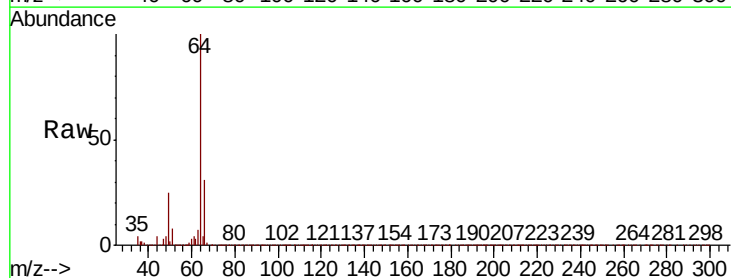
Acq: 07 Dec 2019 05:04

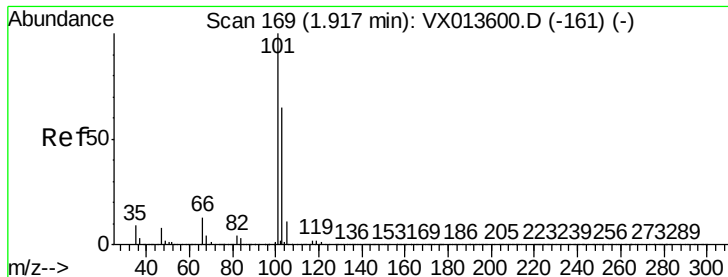
Tgt Ion: 64 Resp: 213142

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1





#7

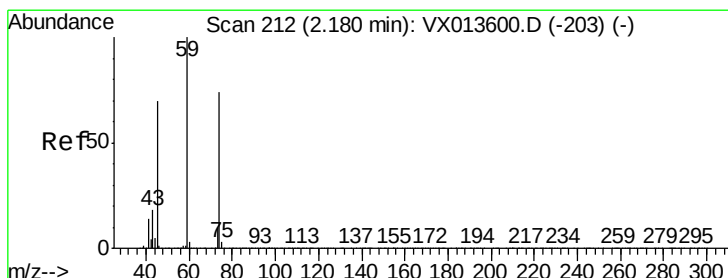
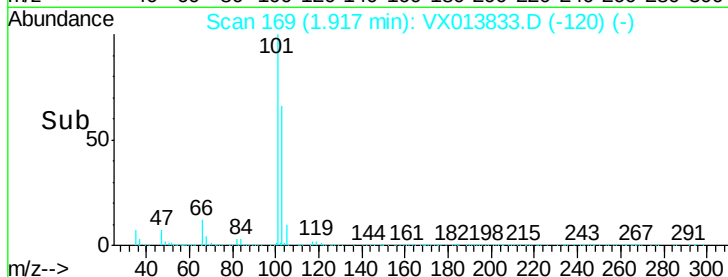
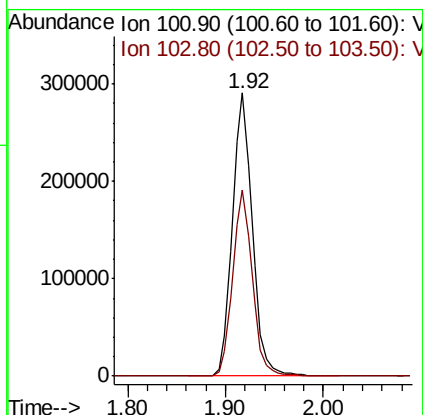
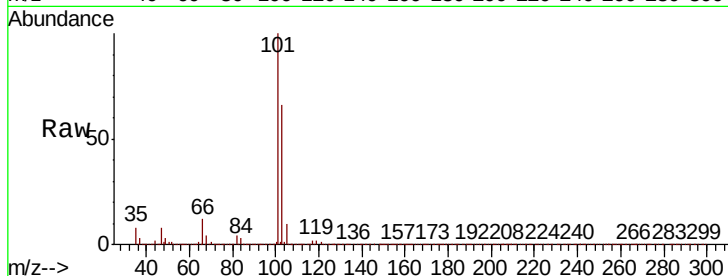
Trichlorofluoromethane
Concen: 48.830 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
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ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.6

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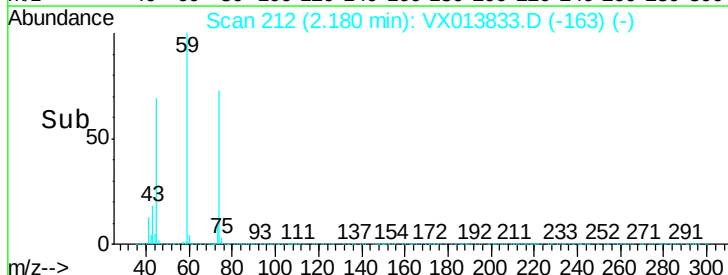
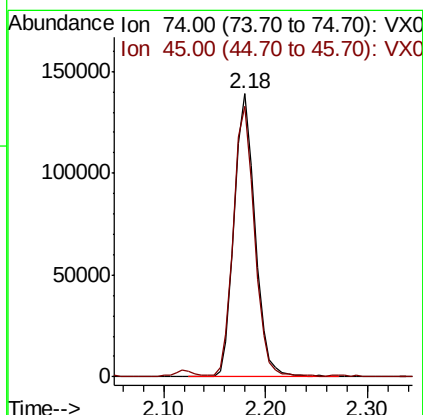
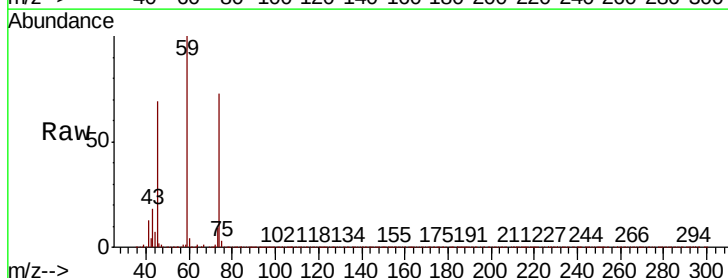
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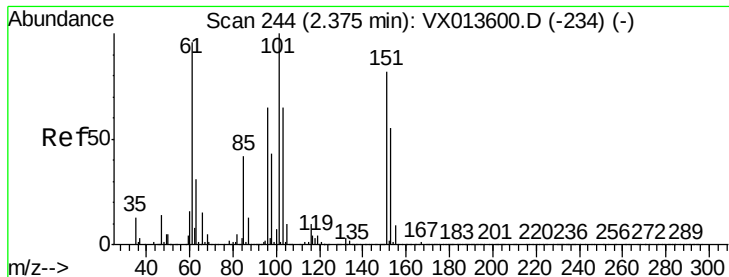


#8

Diethyl Ether
Concen: 51.219 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 251.542 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

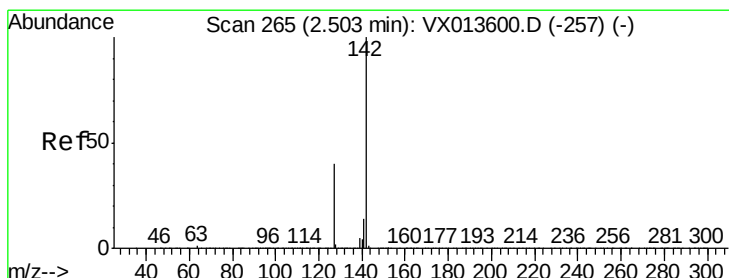
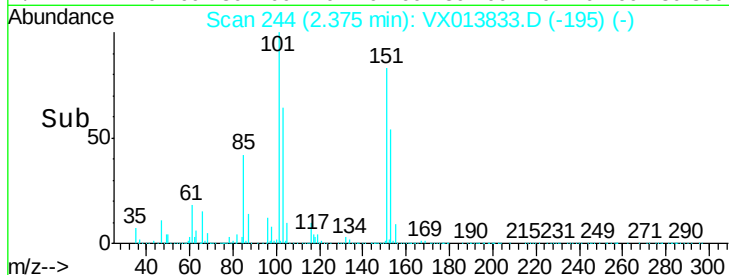
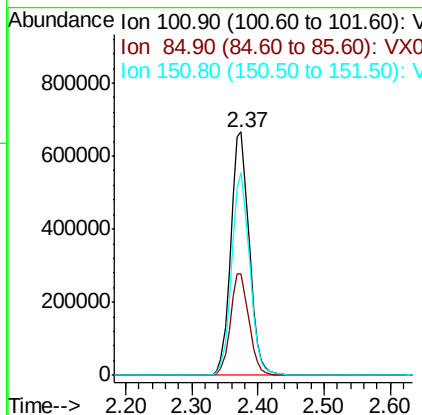
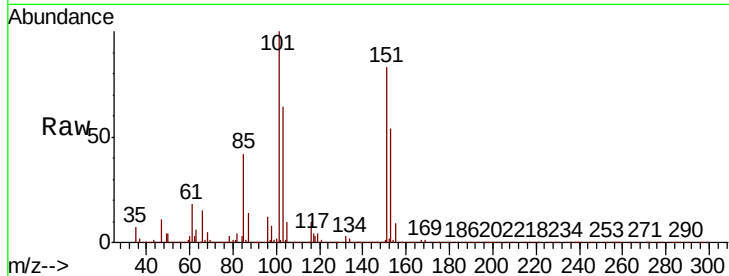
ClientSampleId :

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Tot Ion:	101	Resp:	1290040
Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	81.6	64.2	96.2

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#10

Methyl Iodide

Concen: 50.991 ug/l

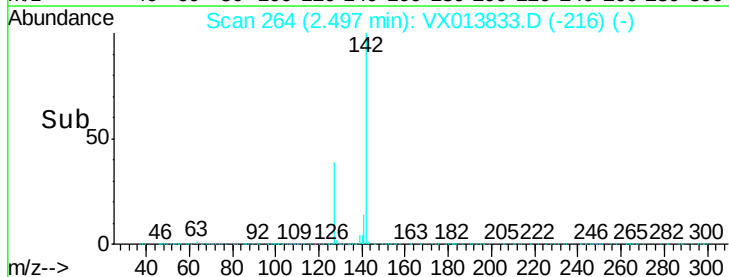
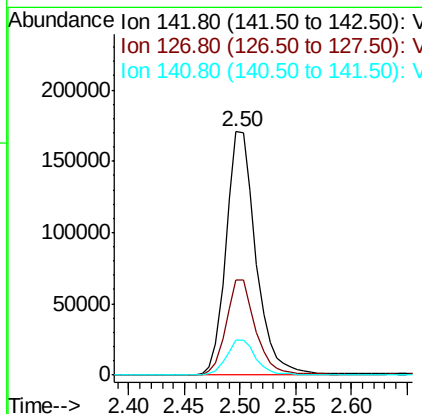
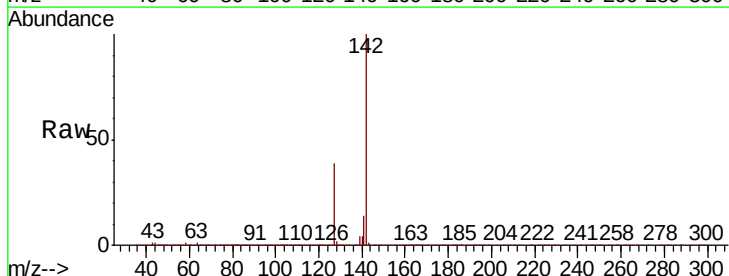
RT: 2.50 min Scan# 264

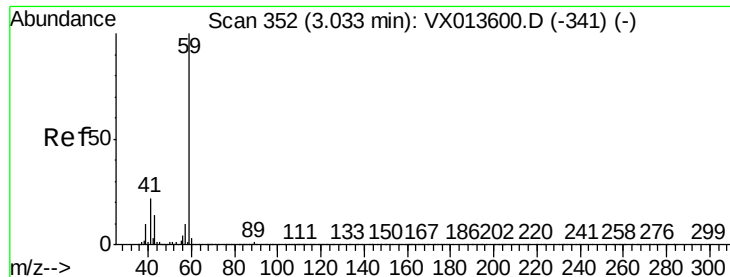
Delta R.T. -0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	142	Resp:	316335
Ion	Ratio	Lower	Upper
142	100		
127	38.6	31.0	46.4
141	14.3	11.6	17.4





#11

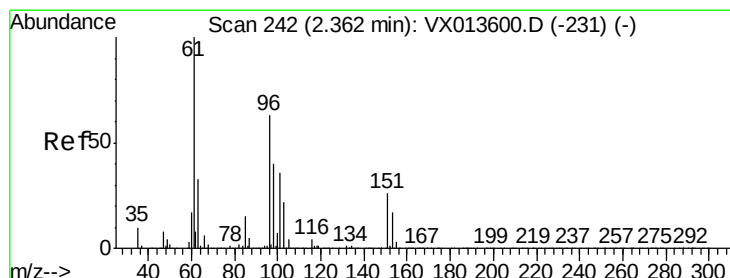
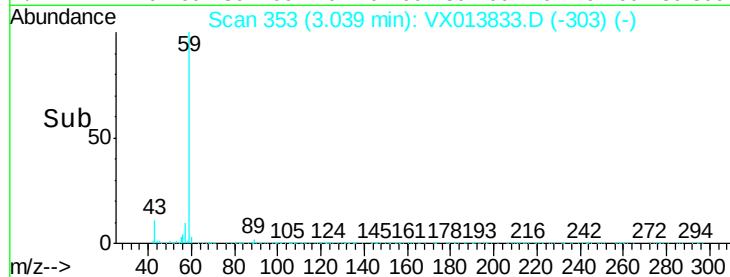
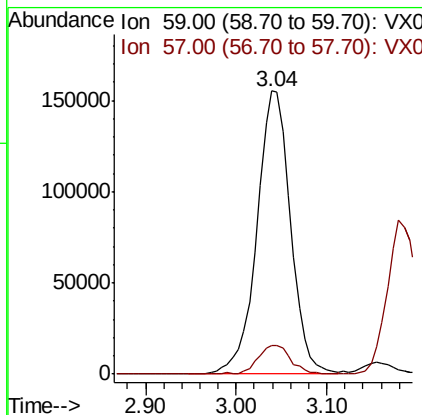
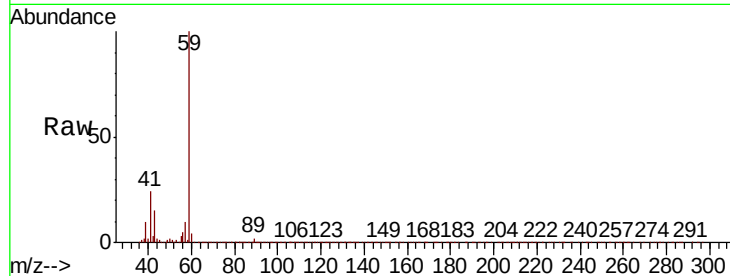
Tert butyl alcohol
Concen: 257.503 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.6

Manual Integrations
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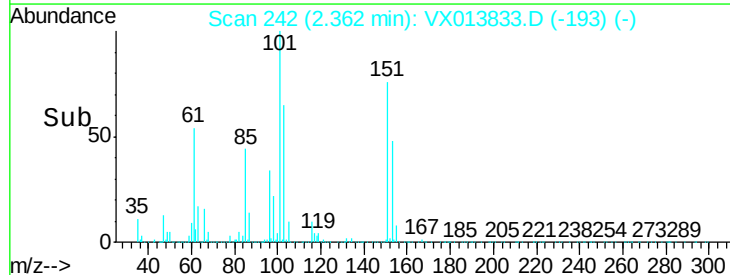
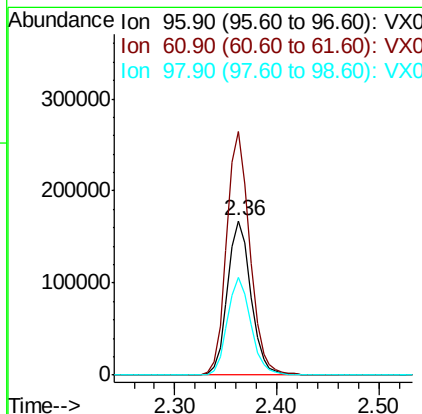
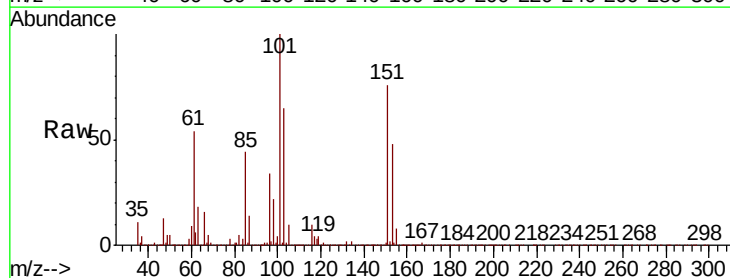
apatel
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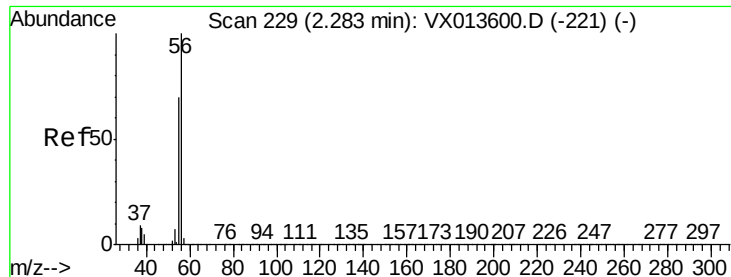


#12

1,1-Dichloroethene
Concen: 51.915 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.6	190.0
98	63.4	50.6	76.0





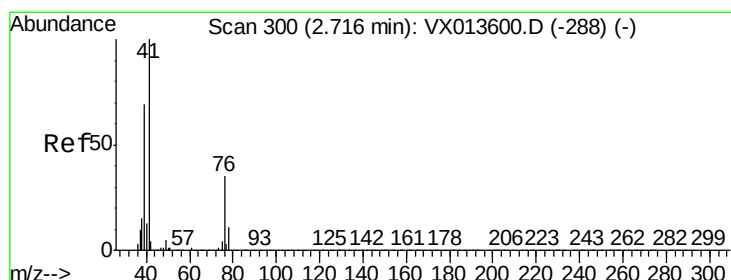
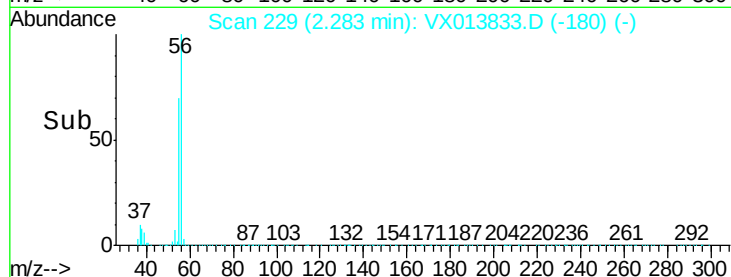
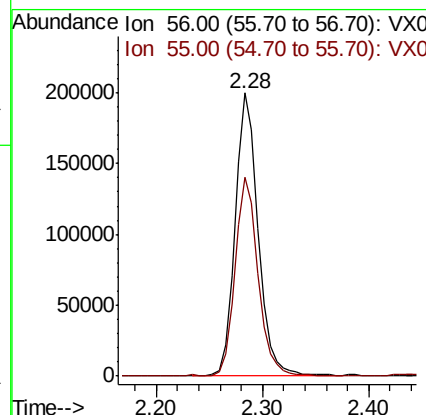
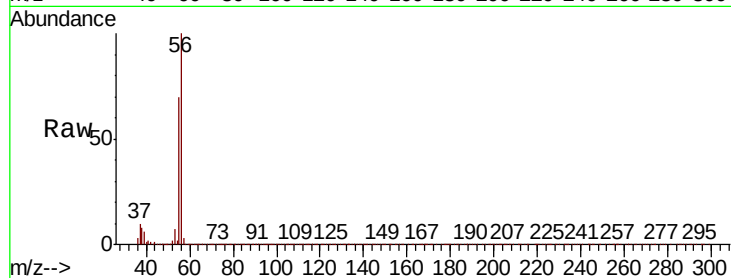
#13
Acrolein
Concen: 291.613 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.2	84.4

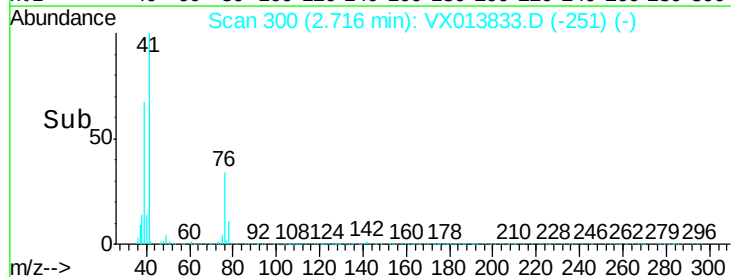
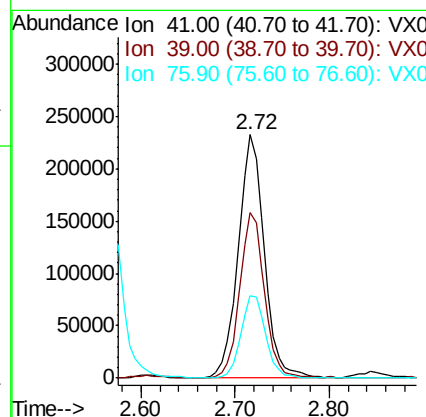
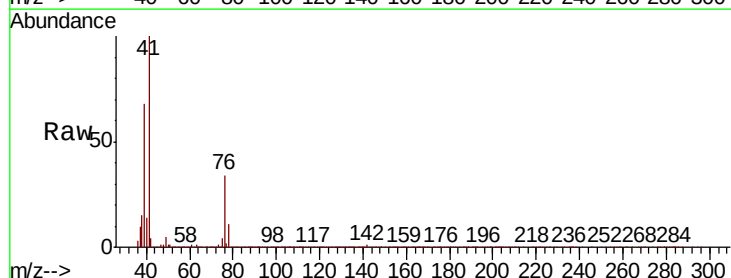
Manual Integrations
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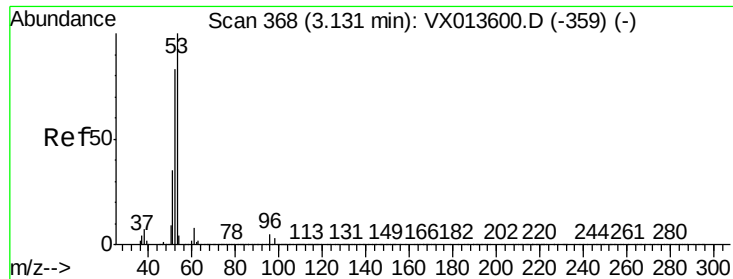
apatel
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#14
Allyl chloride
Concen: 47.766 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.1	51.7	77.5
76	32.0	25.9	38.9





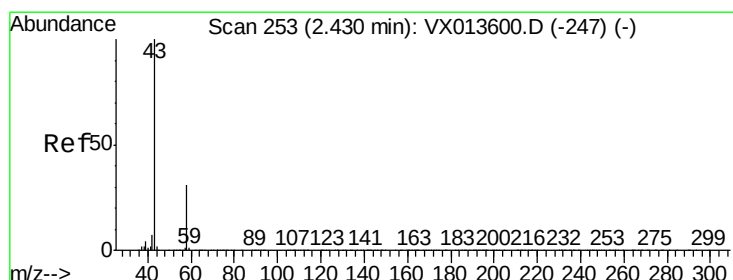
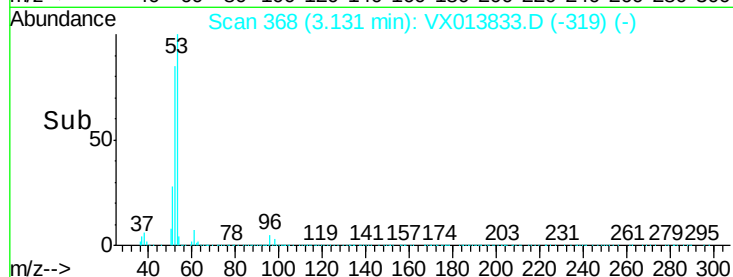
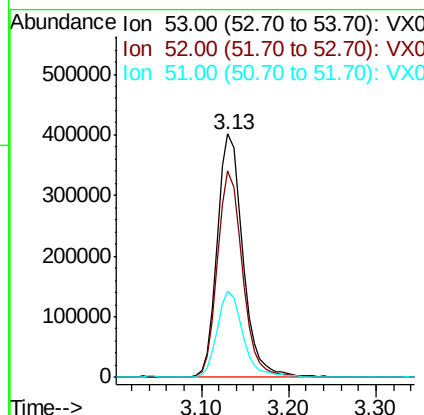
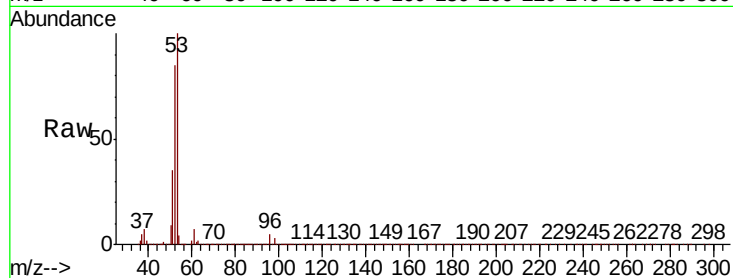
#15
 Acrylonitrile
 Concen: 256.063 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	35.5	29.0	43.6

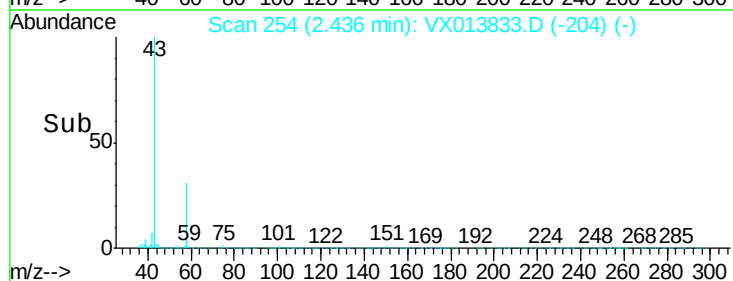
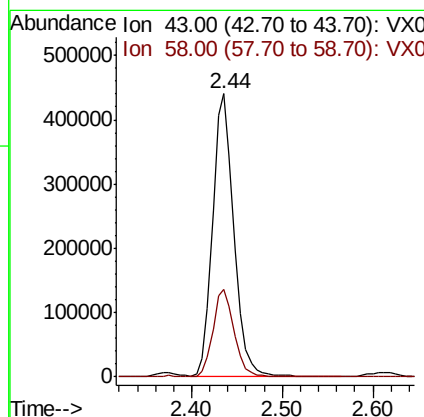
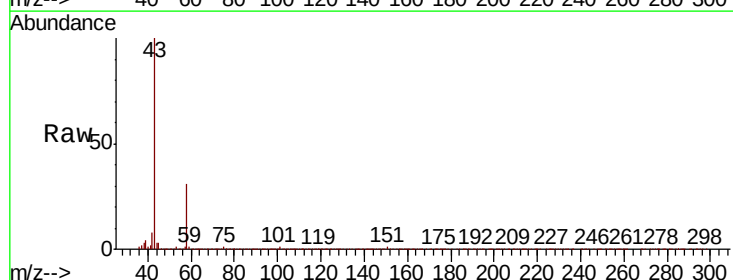
Manual Integrations
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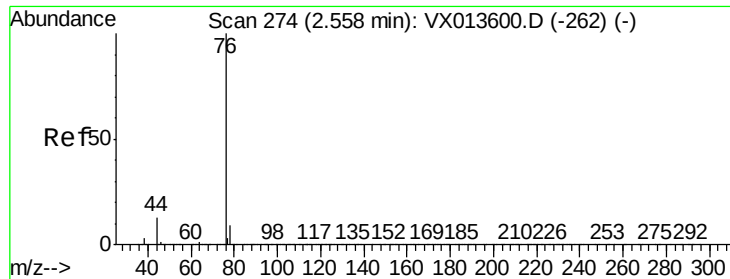
apatel
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#16
 Acetone
 Concen: 233.624 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8





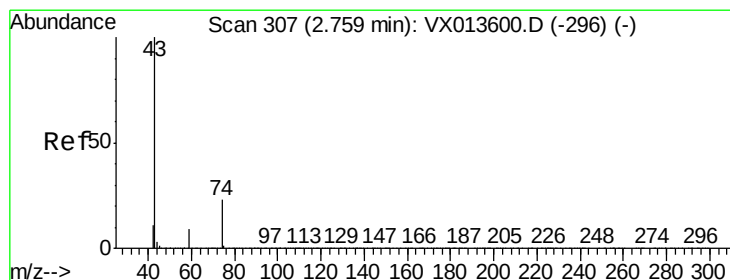
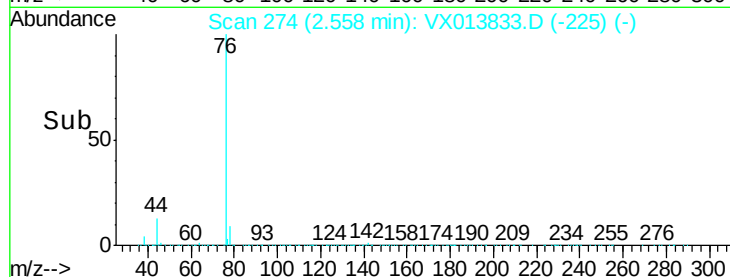
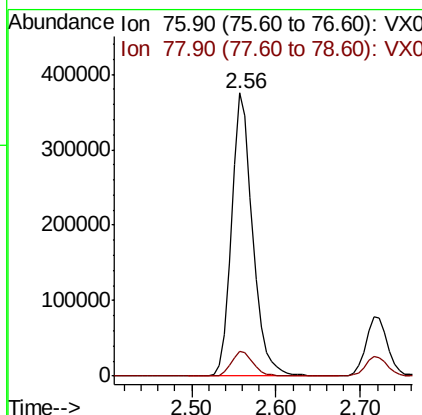
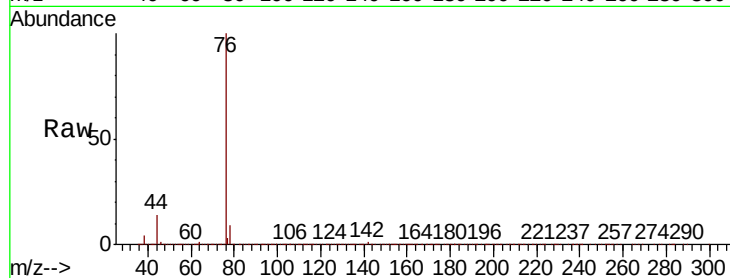
#17
Carbon Disulfide
Concen: 43.482 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

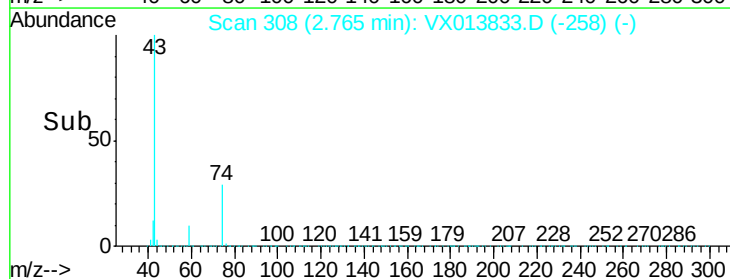
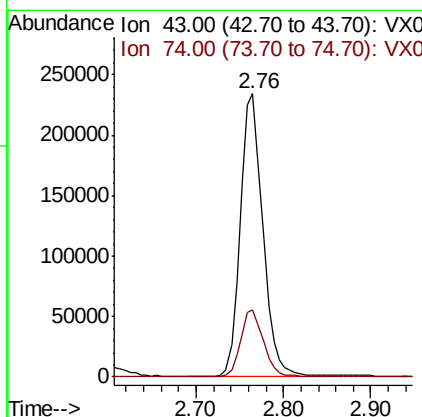
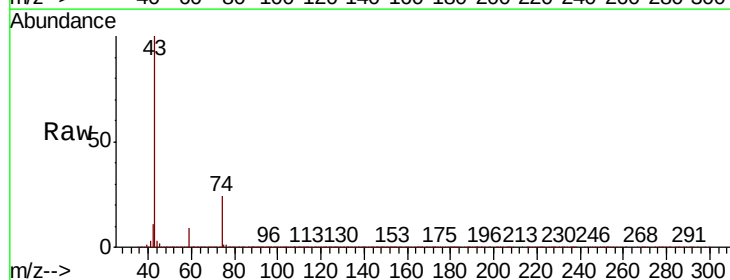
Manual Integrations
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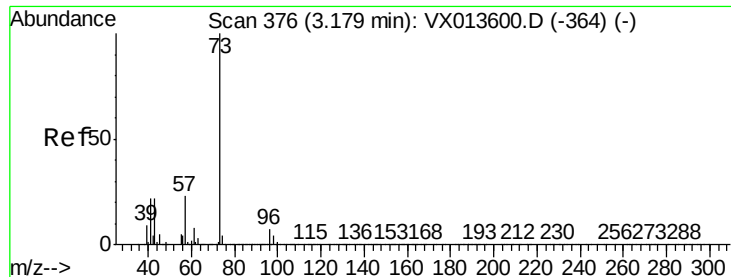
apatel
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#18
Methyl Acetate
Concen: 48.919 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.5	29.3





#19

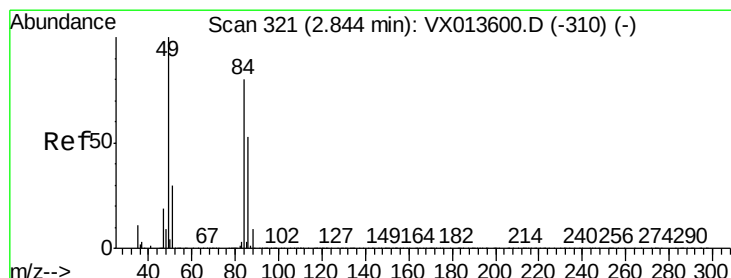
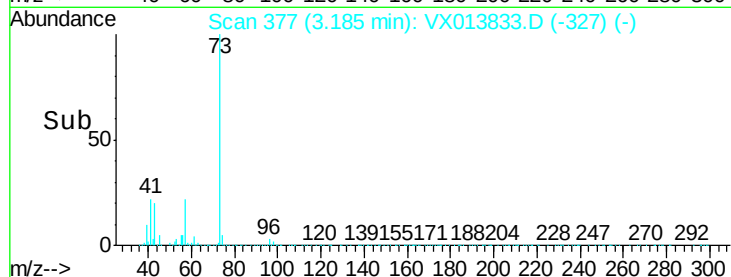
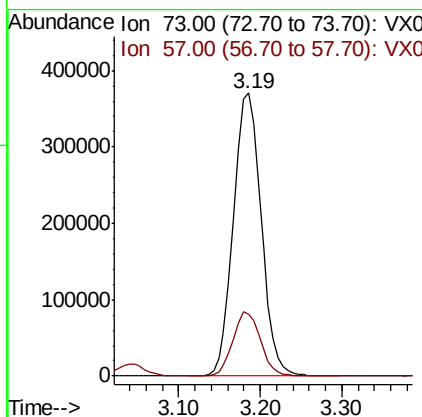
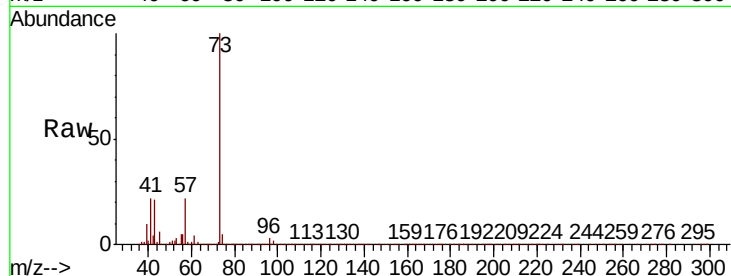
Methyl tert-butyl Ether
 Concen: 51.414 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.3	27.5

Manual Integrations
 APPROVED

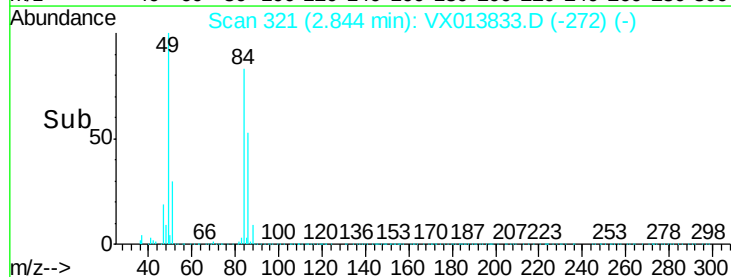
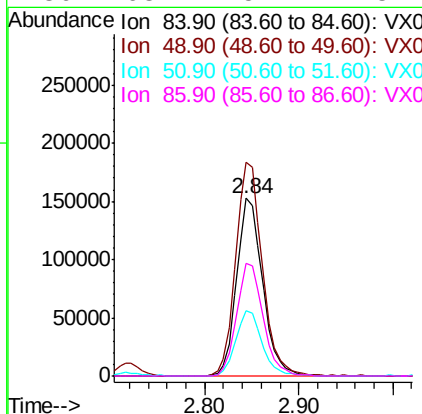
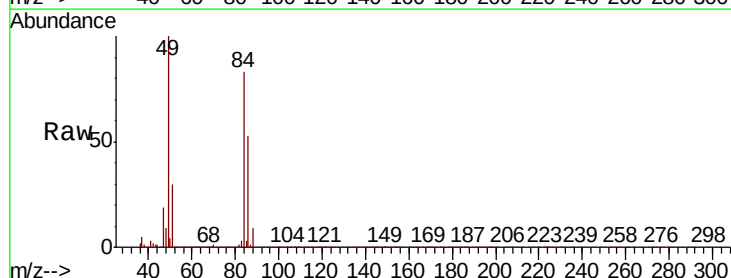
apatel
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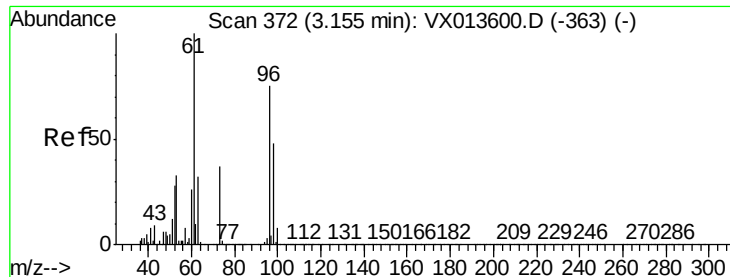


#20

Methylene Chloride
 Concen: 49.374 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	99.7	149.5
51	36.4	29.9	44.9
86	63.2	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.737 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

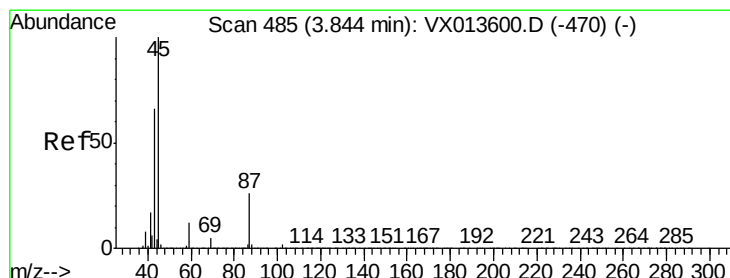
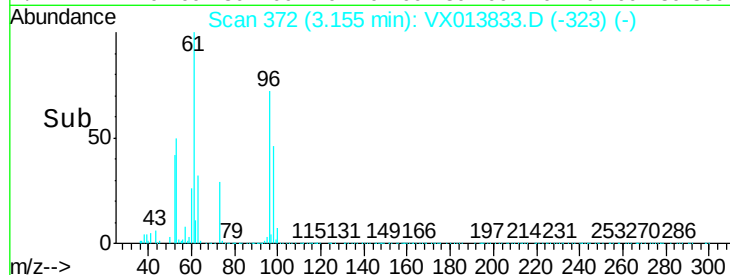
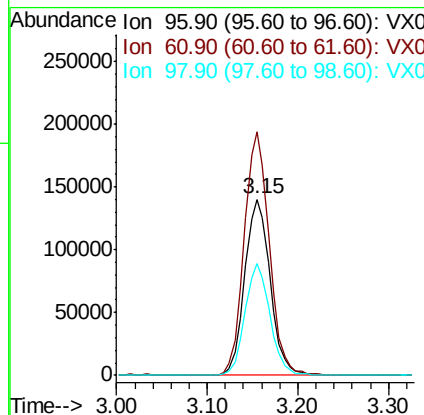
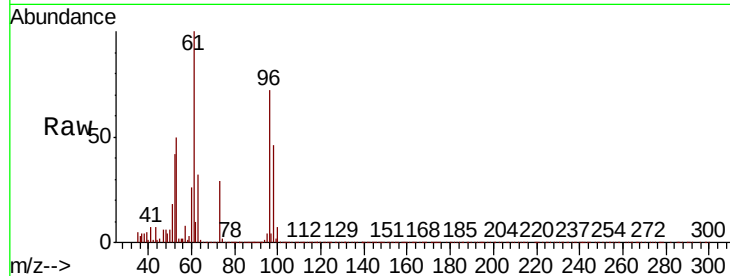
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	96	Resp:	271791
Ion	Ratio	Lower	Upper
96	100		
61	137.9	107.2	160.8
98	63.3	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.126 ug/l

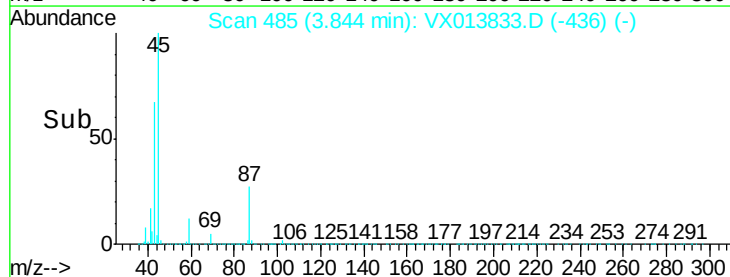
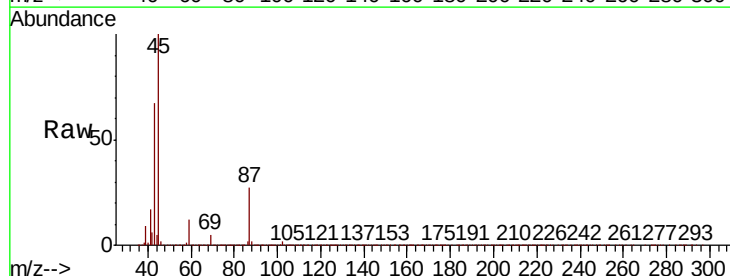
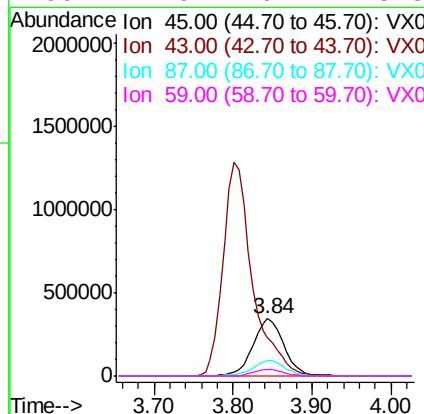
RT: 3.84 min Scan# 485

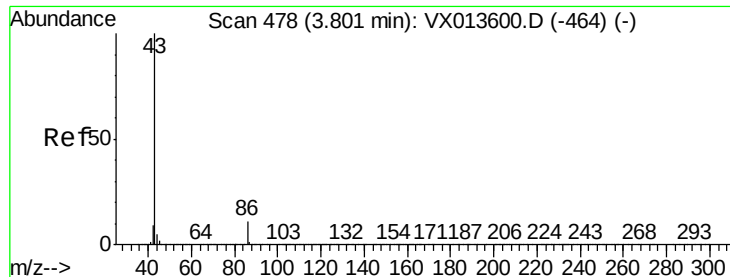
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	45	Resp:	932442
Ion	Ratio	Lower	Upper
45	100		
43	66.6	52.6	79.0
87	27.1	21.1	31.7
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 224.436 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 3339842

Ion Ratio Lower Upper

43 100

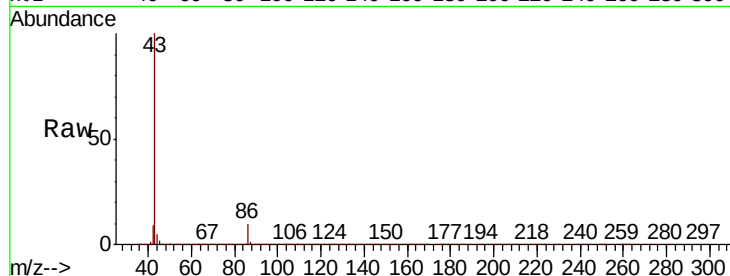
86 10.3 8.7 13.1

Manual Integrations

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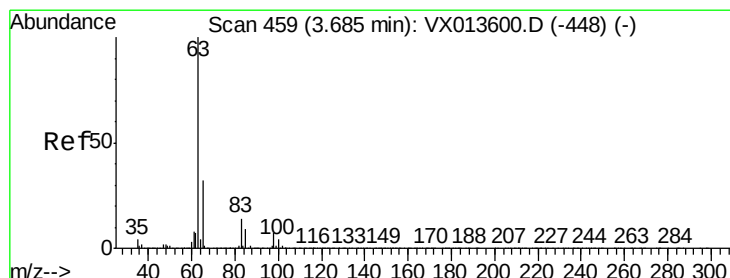
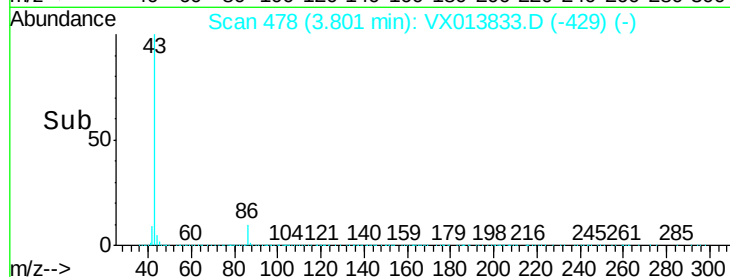
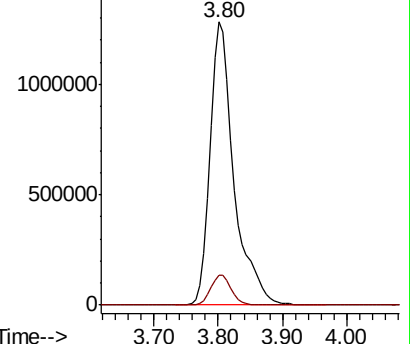
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.933 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

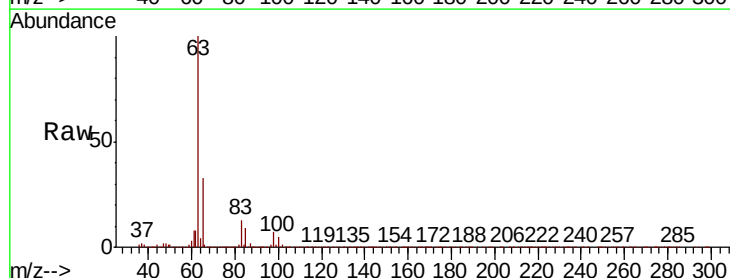
Tgt Ion: 63 Resp: 507840

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

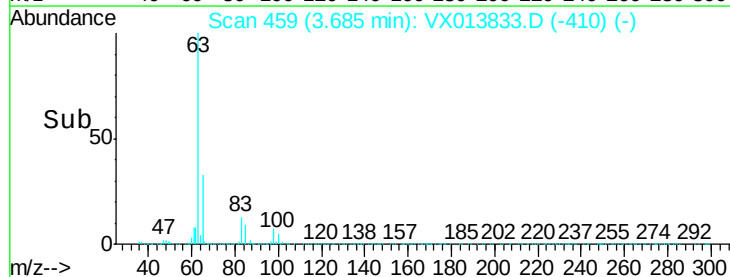
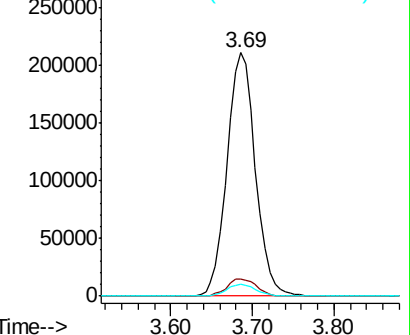
100 4.8 2.1 6.3

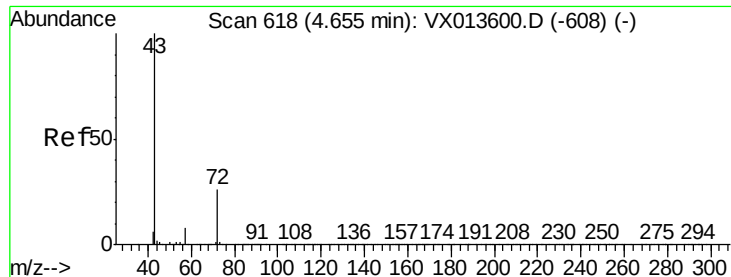


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.488 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 1165934

Ion Ratio Lower Upper

43 100

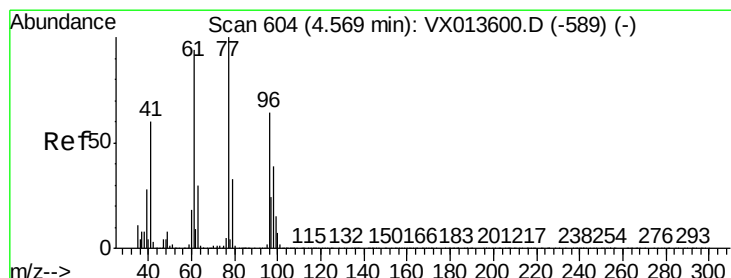
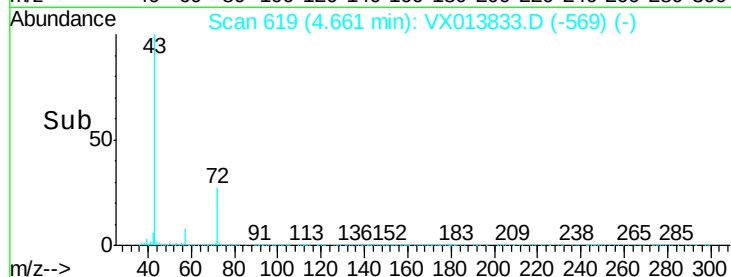
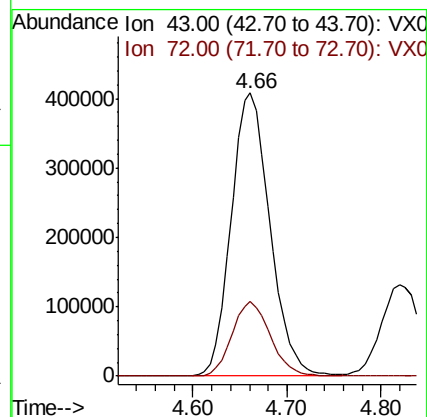
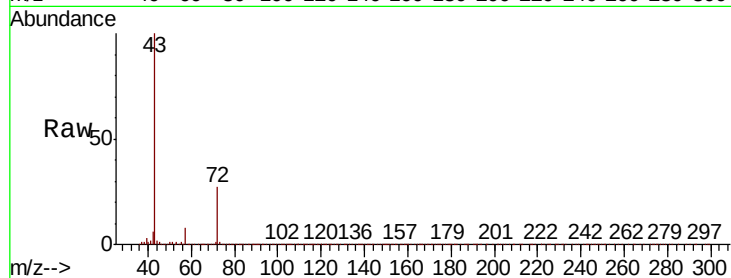
72 26.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 32.437 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013833.D

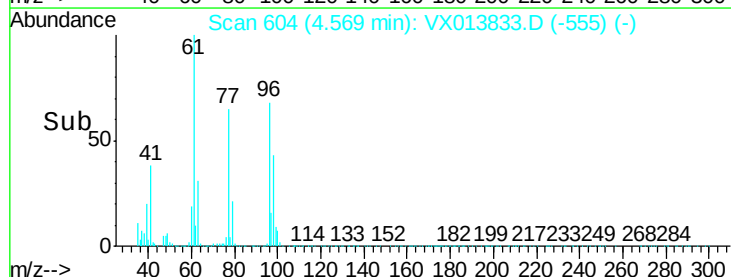
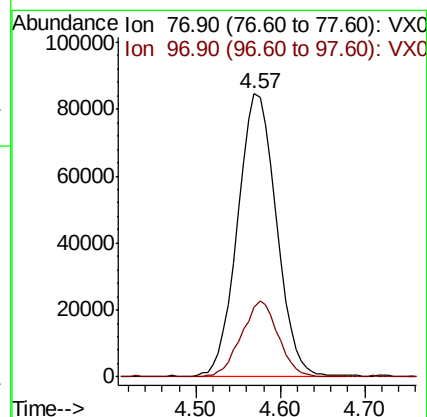
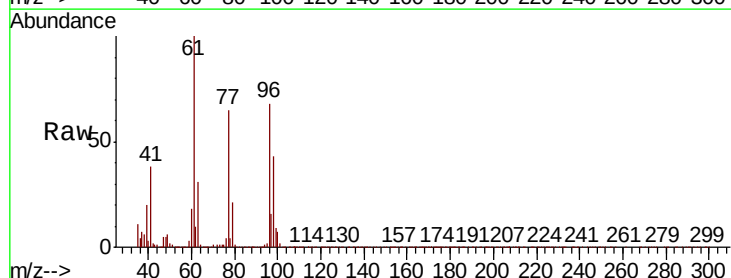
Acq: 07 Dec 2019 05:04

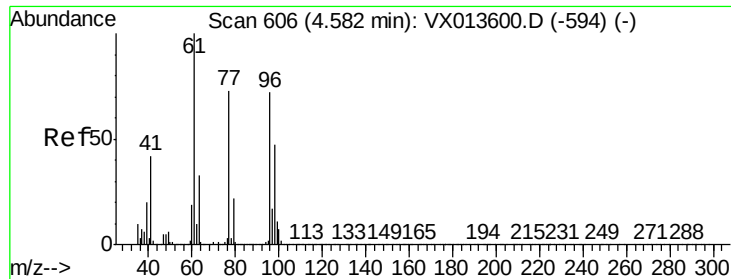
Tgt Ion: 77 Resp: 262441

Ion Ratio Lower Upper

77 100

97 25.9 12.0 36.1





#27

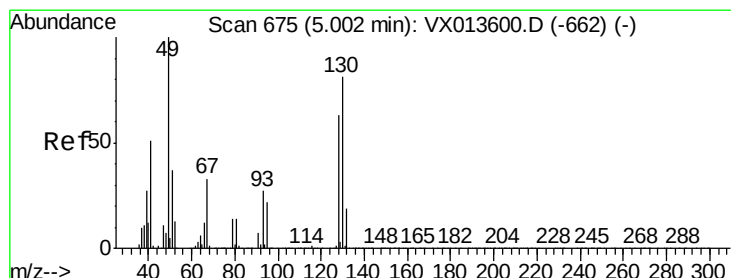
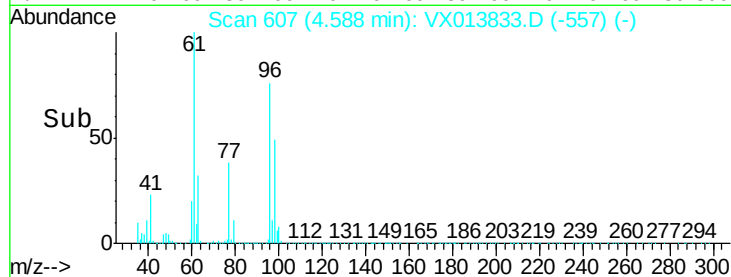
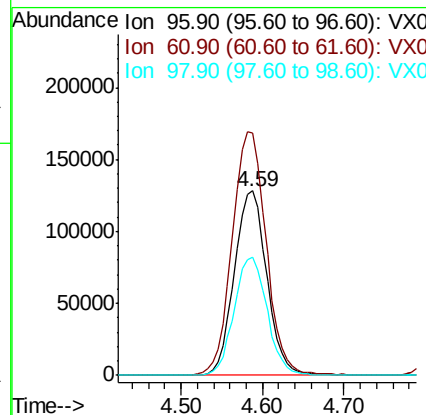
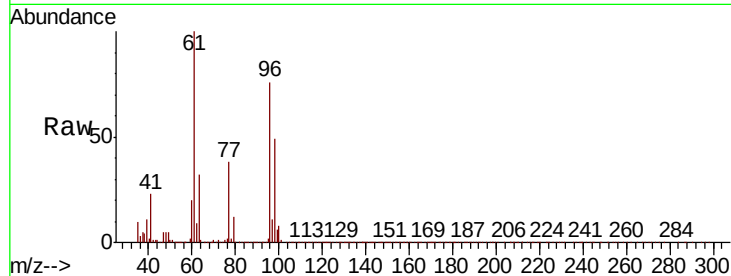
cis-1,2-Dichloroethene
Concen: 54.921 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	351728		
61	137.9	0.0	286.4	
98	64.7	0.0	127.4	

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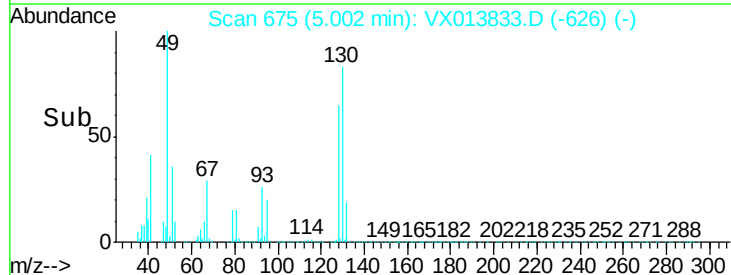
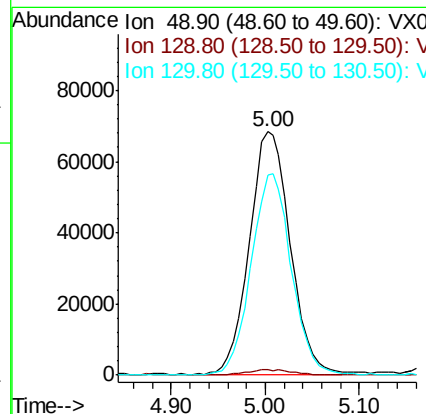
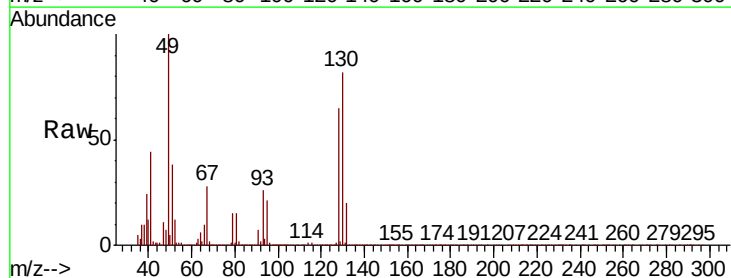
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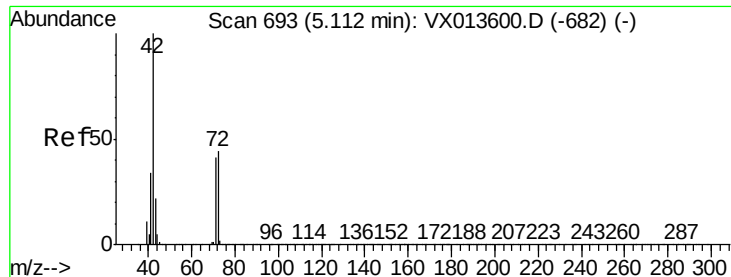


#28

Bromochloromethane
Concen: 54.074 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	208960		
129	2.5	0.0	5.0	
130	80.8	65.4	98.0	





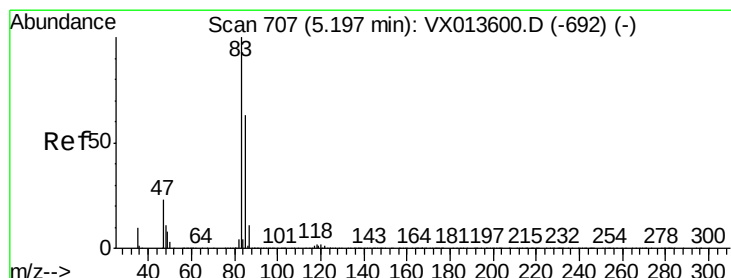
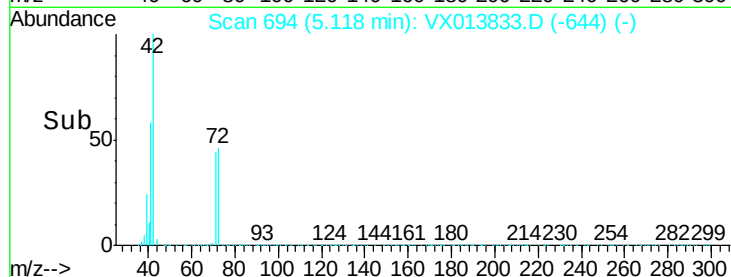
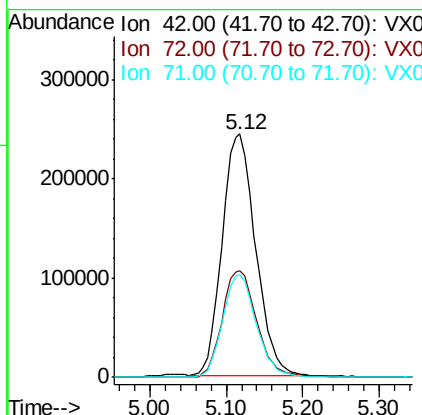
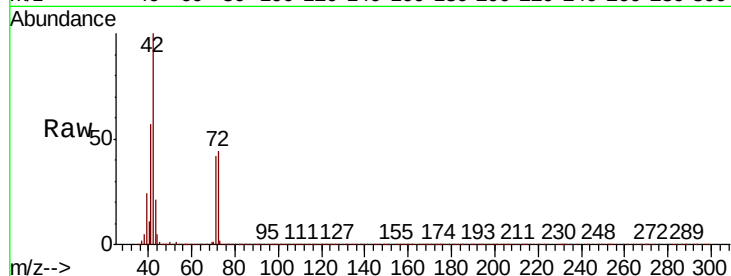
#29
Tetrahydrofuran
Concen: 262.870 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.3	54.5
71	42.7	33.2	49.8

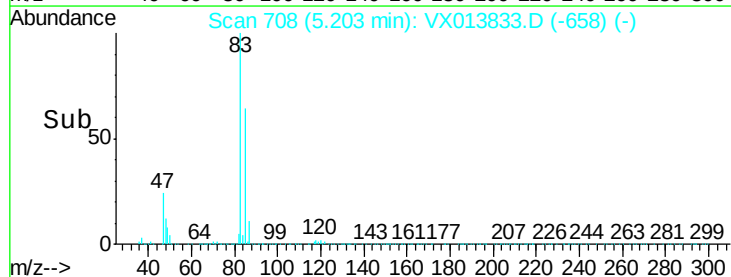
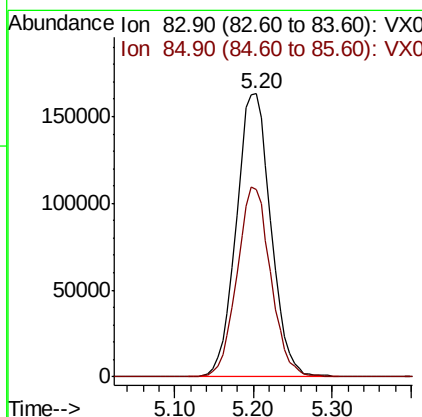
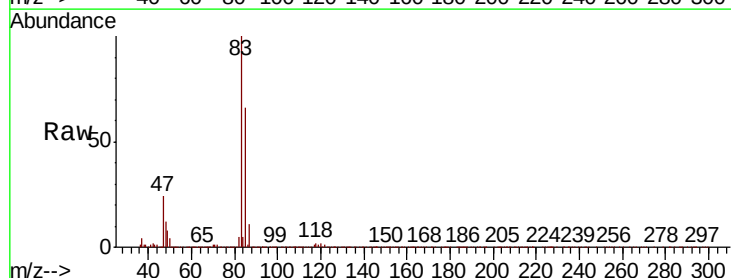
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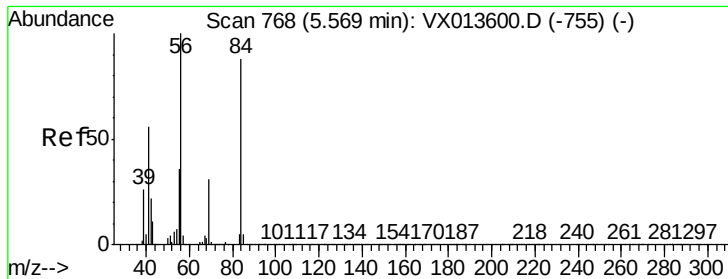
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#30
Chloroform
Concen: 50.002 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.2	75.4





#31

Cyclohexane

Concen: 47.823 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

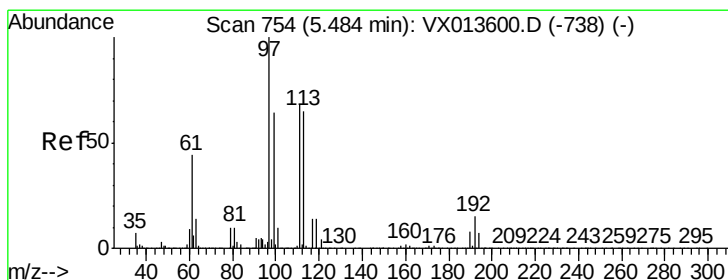
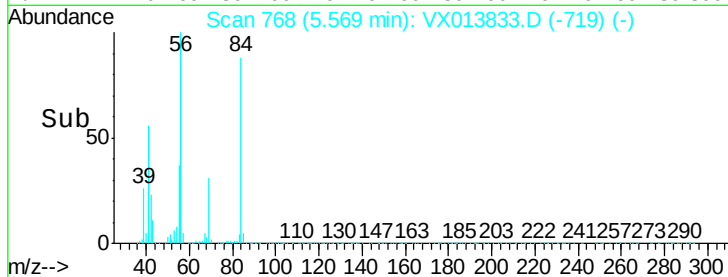
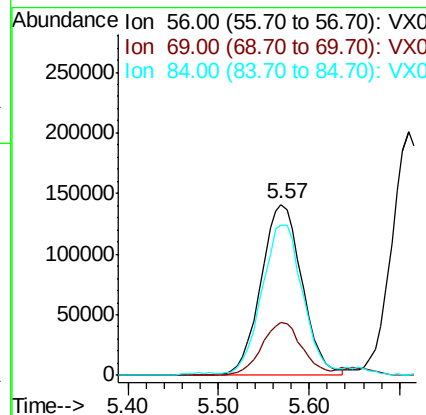
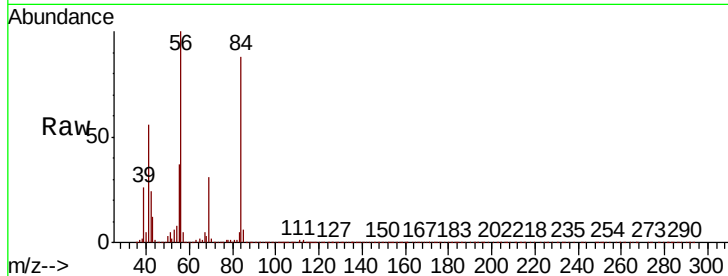
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	56	Resp:	441087
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.6	36.8
84	86.3	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 50.467 ug/l

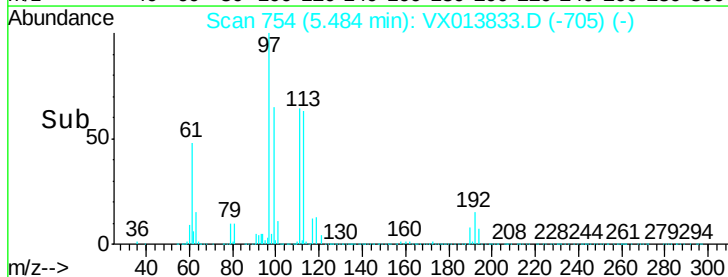
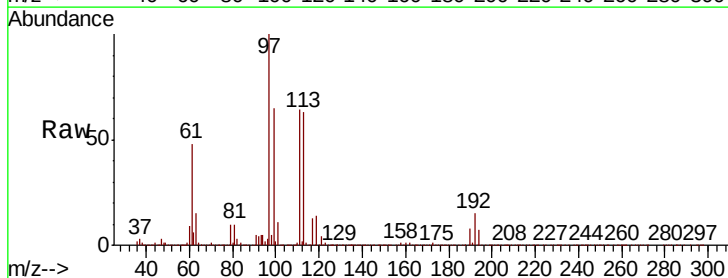
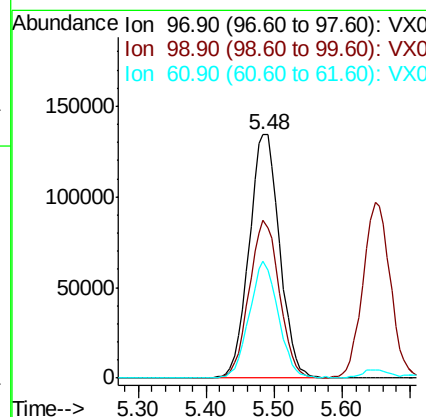
RT: 5.48 min Scan# 754

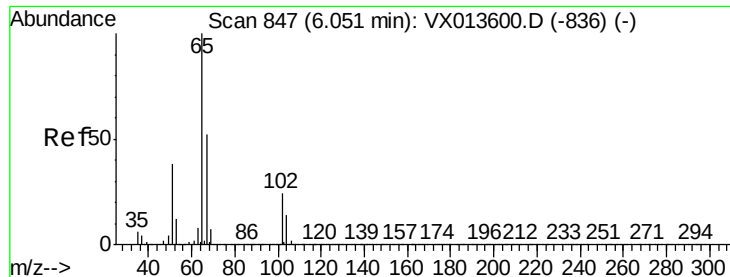
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	97	Resp:	418240
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	45.2	36.1	54.1





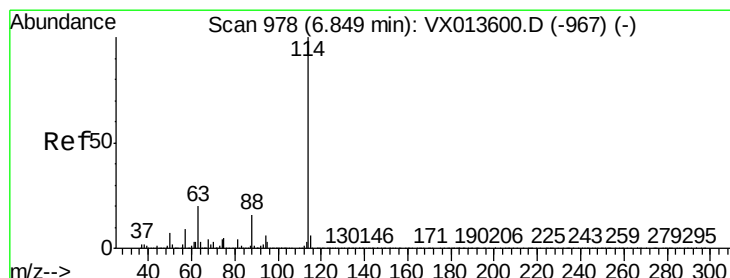
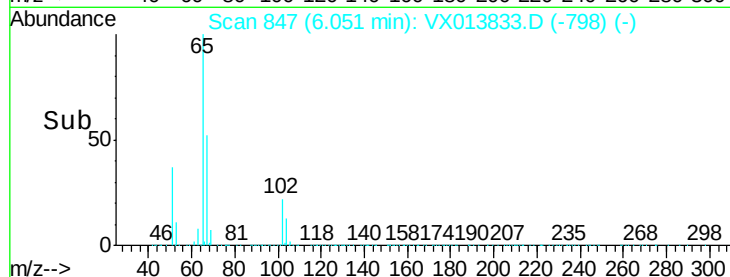
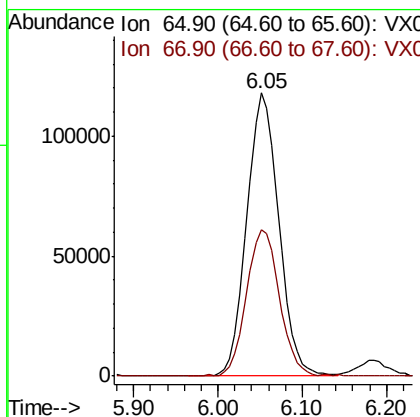
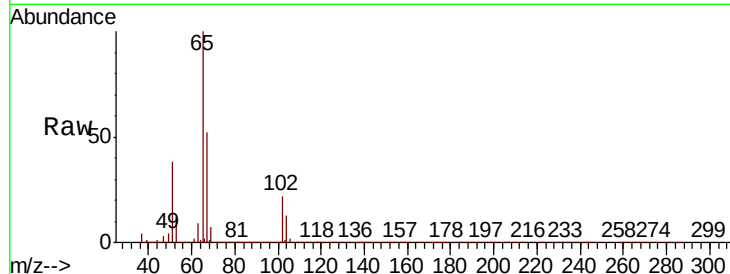
#33
 1,2-Dichloroethane-d4
 Concen: 48.661 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.1	0.0	104.4	

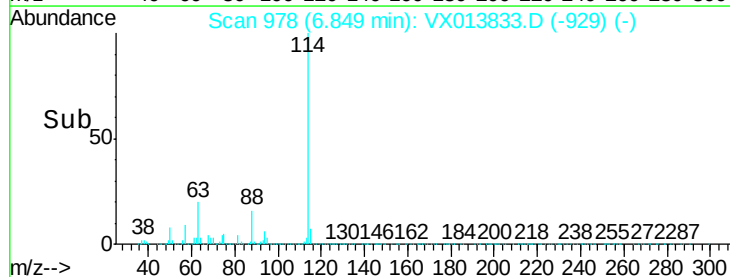
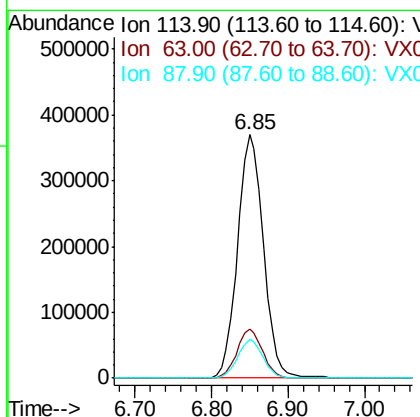
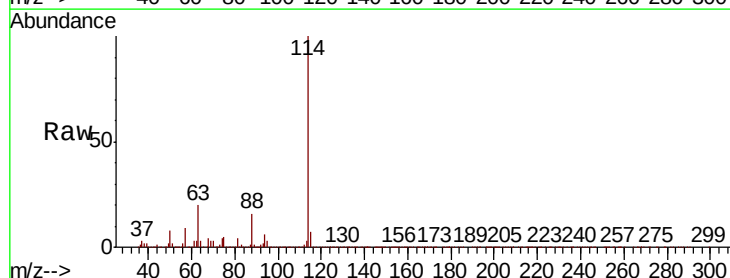
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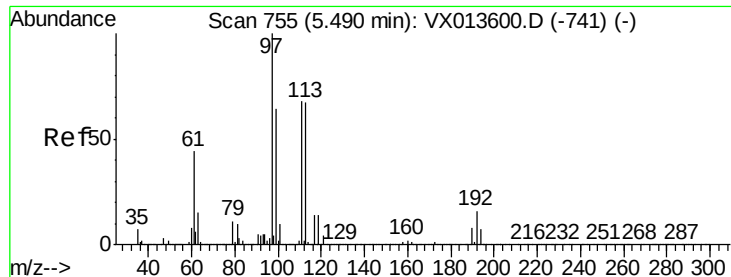
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.8	0.0	39.6	
88	15.8	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.082 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

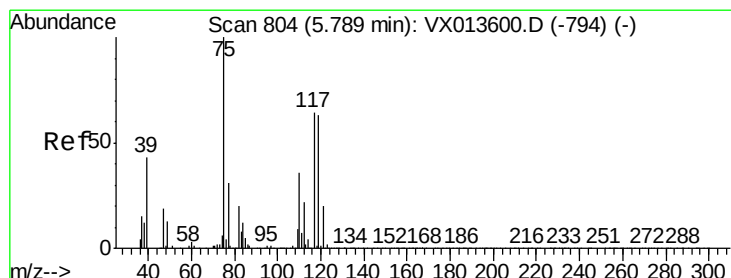
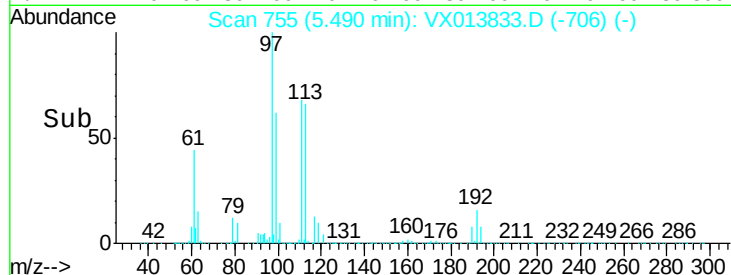
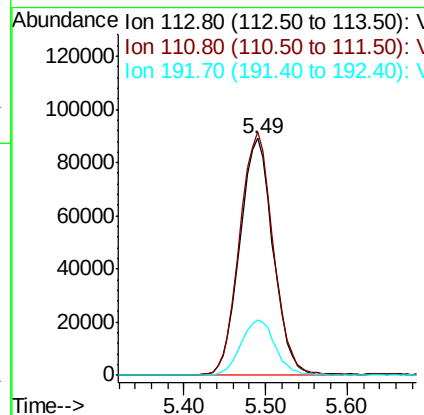
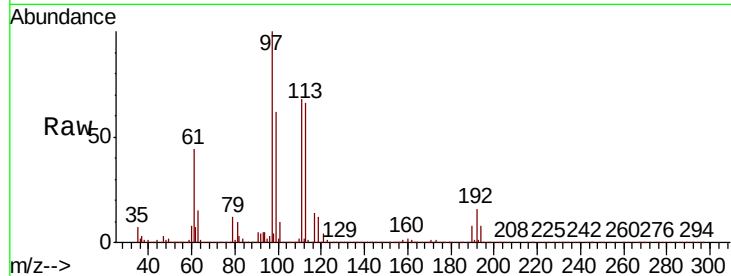
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	113	Resp:	252242
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.6	125.4
192	24.0	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 45.567 ug/l

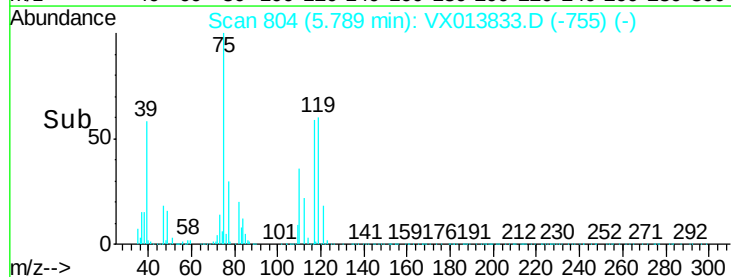
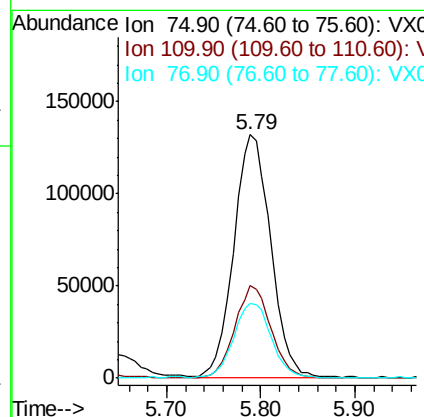
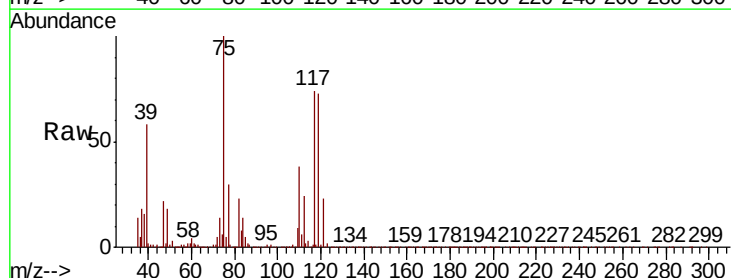
RT: 5.79 min Scan# 804

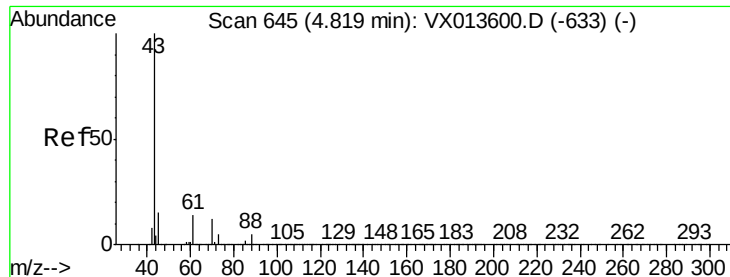
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	75	Resp:	358465
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.1
77	30.9	24.5	36.7





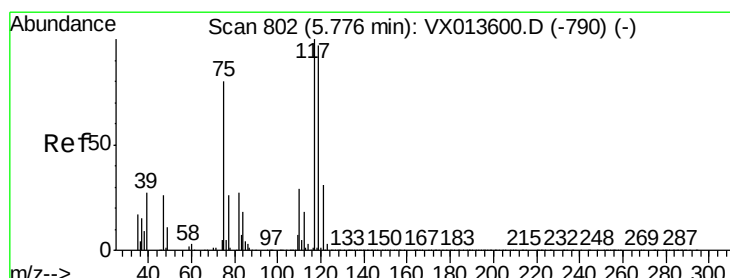
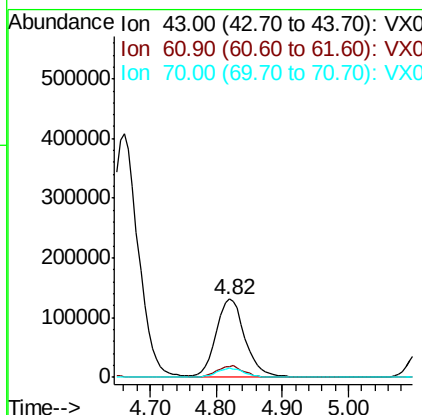
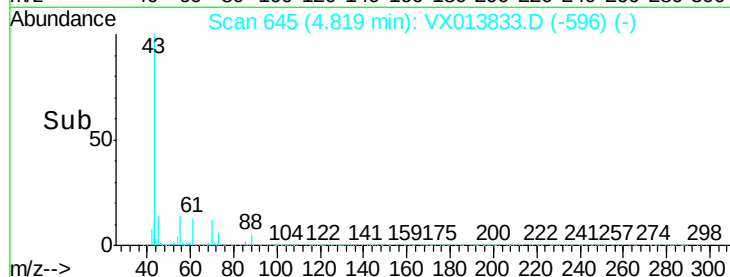
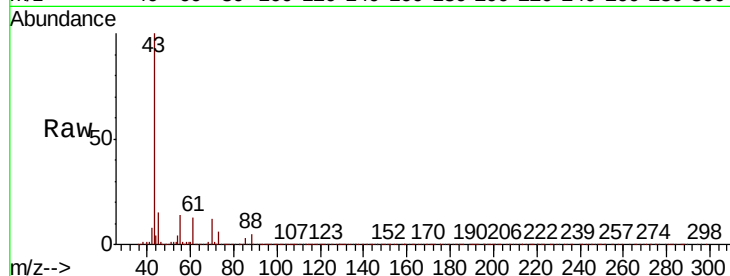
#37
Ethyl Acetate
Concen: 44.955 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion:	43	Resp:	396740
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	11.3	8.6	12.8

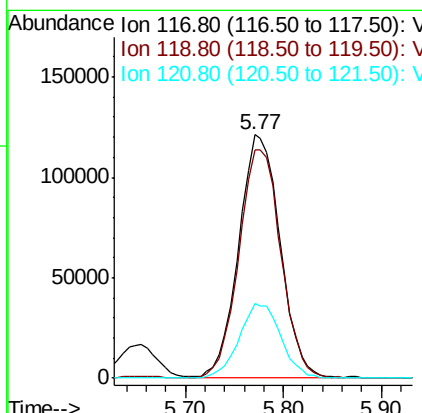
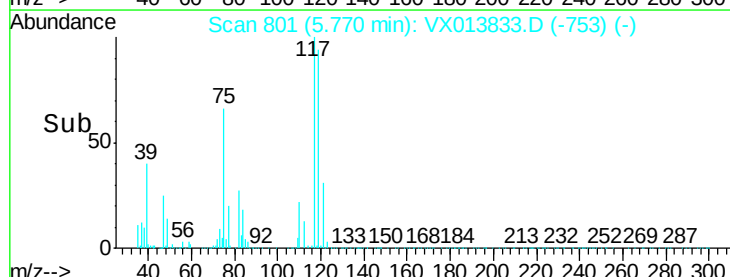
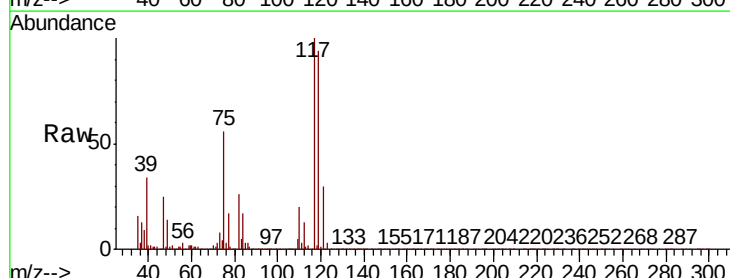
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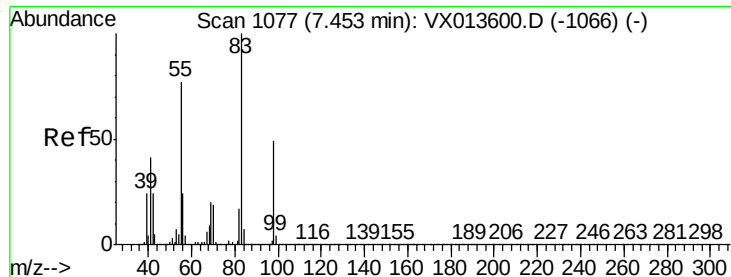
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#38
Carbon Tetrachloride
Concen: 48.818 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion:	117	Resp:	354116
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
121	30.4	25.0	37.6





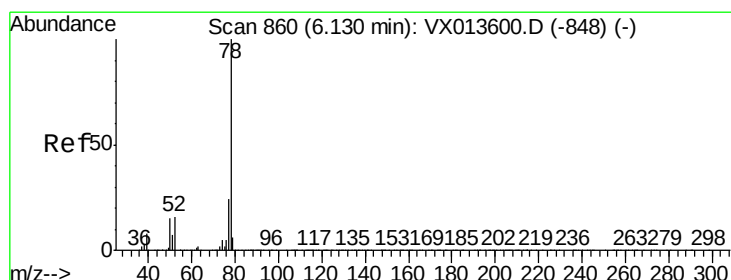
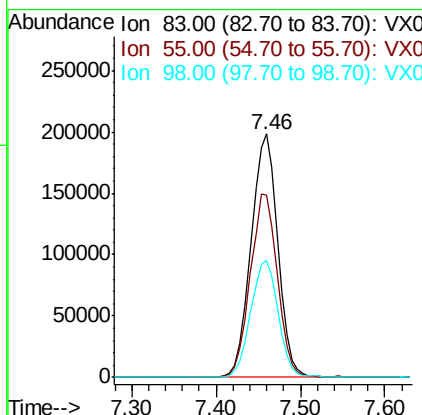
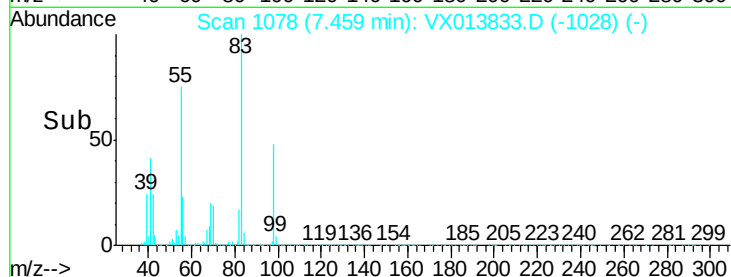
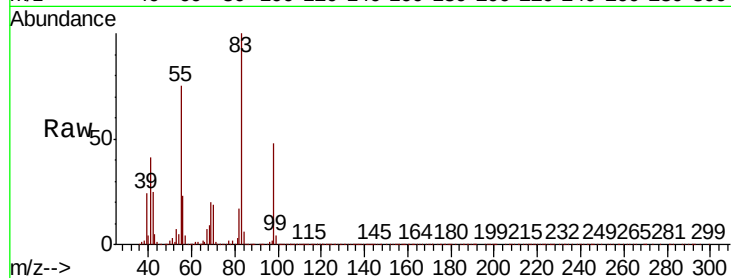
#39
Methvlcvclohexane
Concen: 43.817 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.9	92.9
98	48.1	39.4	59.0

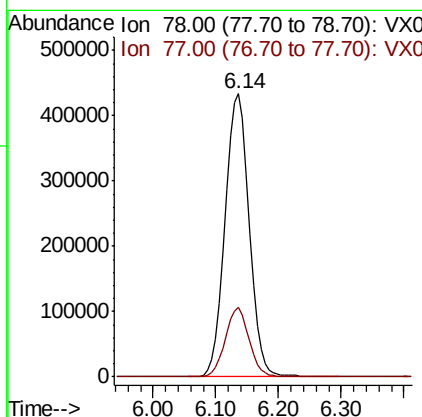
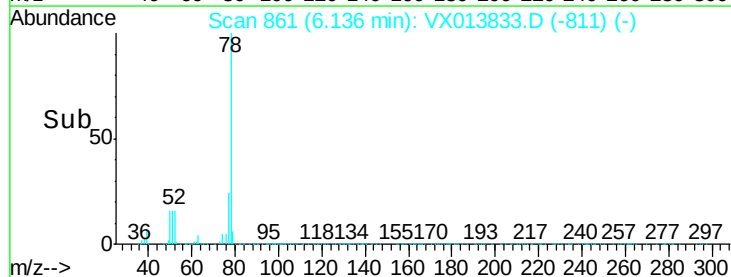
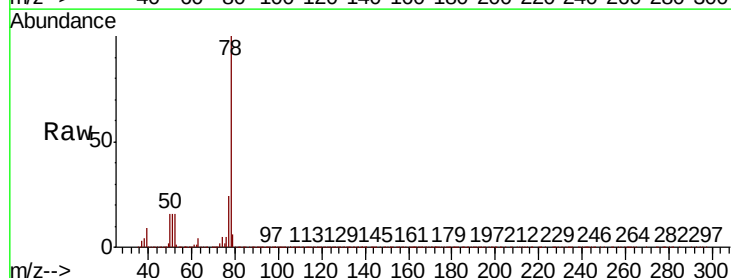
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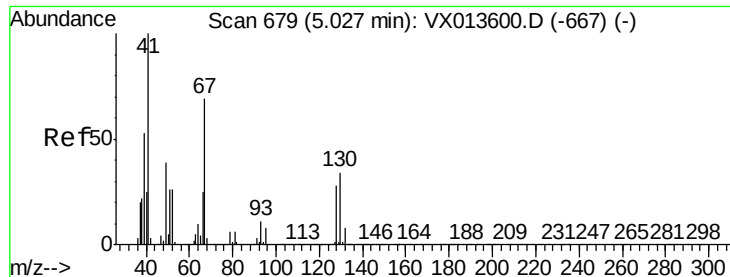
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#40
Benzene
Concen: 48.168 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41

Methacrylonitrile

Concen: 50.971 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

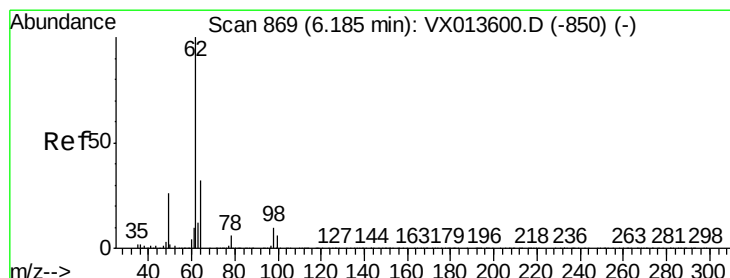
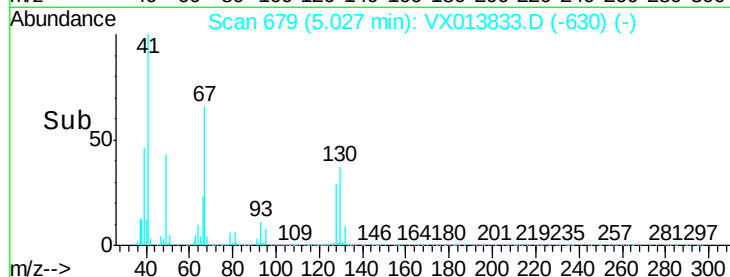
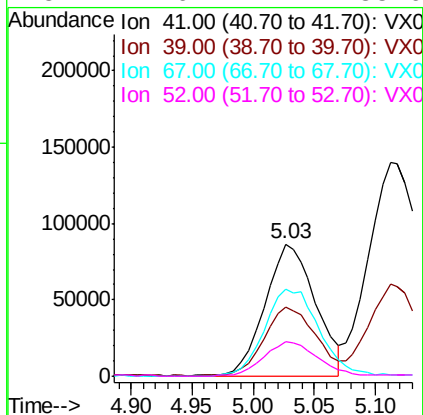
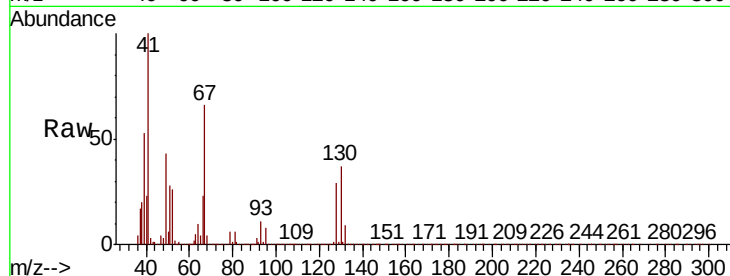
ClientSampleId :

RE131D2-20191204MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		246693		
39	53.7	42.9	64.3		
67	71.8	57.4	86.0		
52	27.6	22.4	33.6		

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#42

1,2-Dichloroethane

Concen: 48.961 ug/l

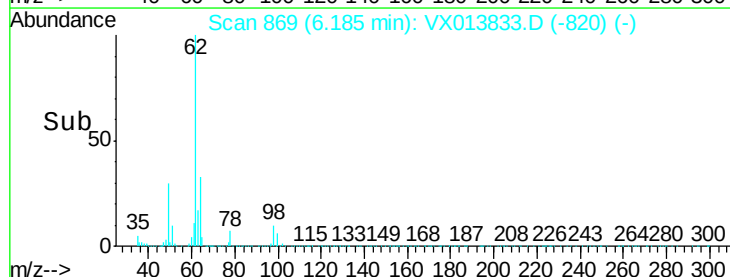
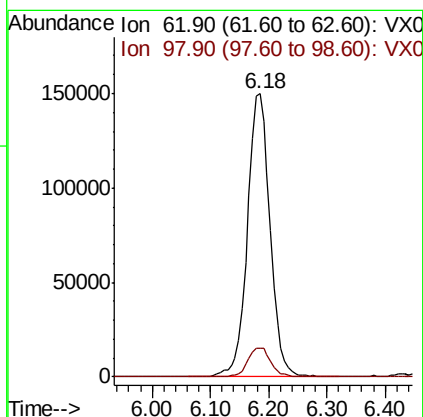
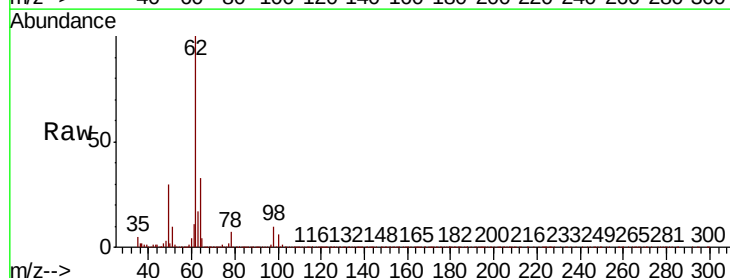
RT: 6.18 min Scan# 869

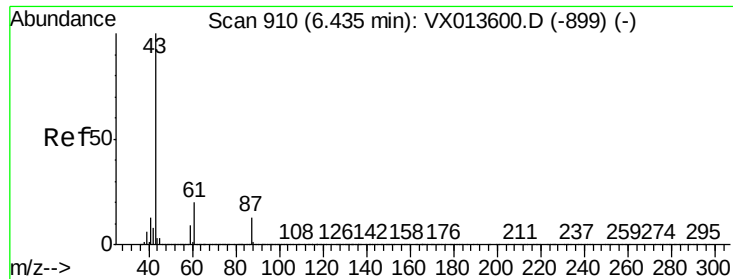
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		400067		
98	10.3	0.0	20.8		





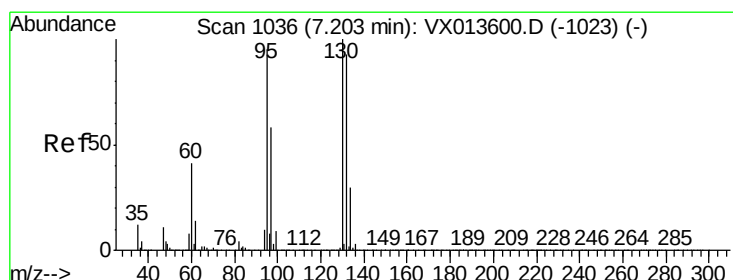
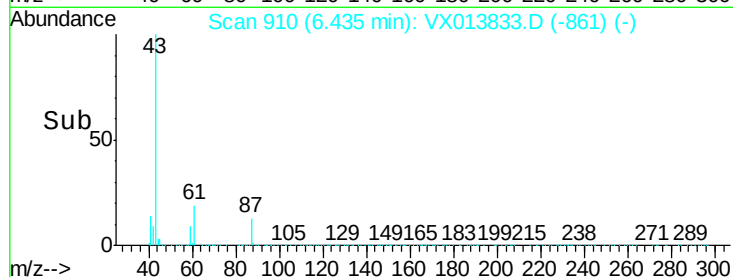
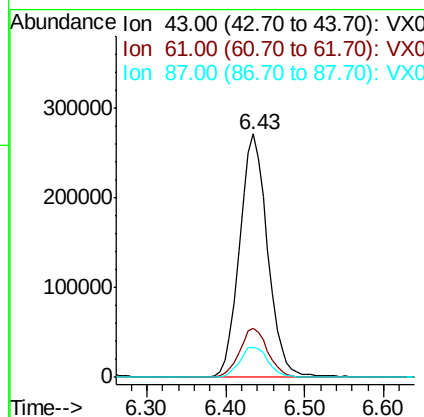
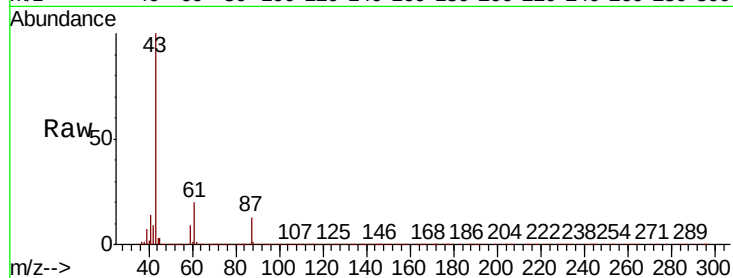
#43
Isopropyl Acetate
Concen: 45.987 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	12.9	10.8	16.2

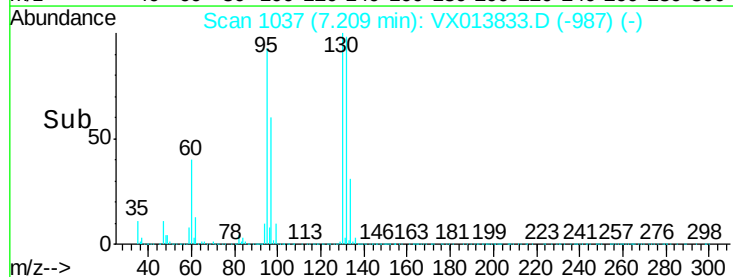
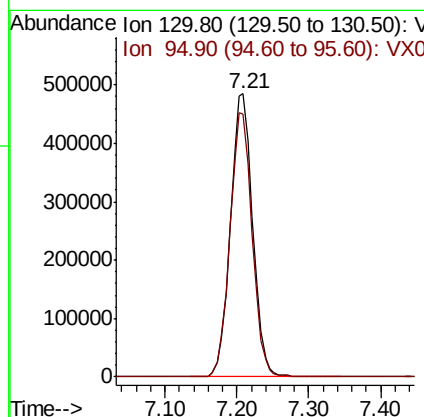
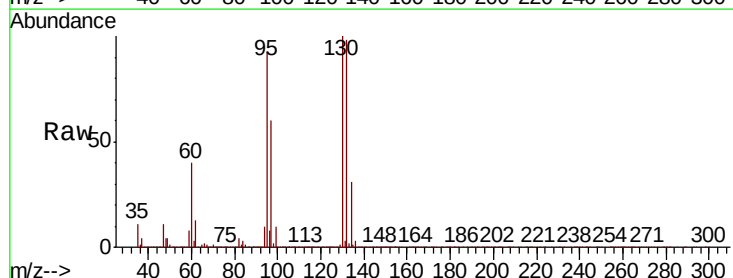
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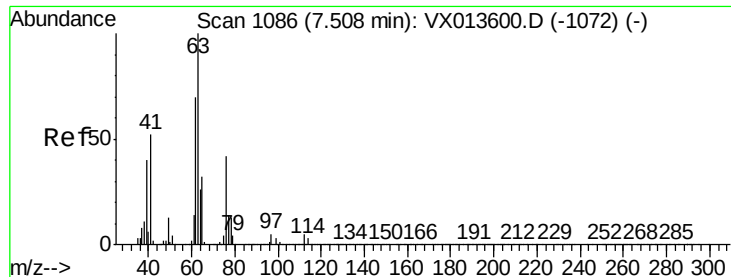
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#44
Trichloroethene
Concen: 158.086 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	190.8





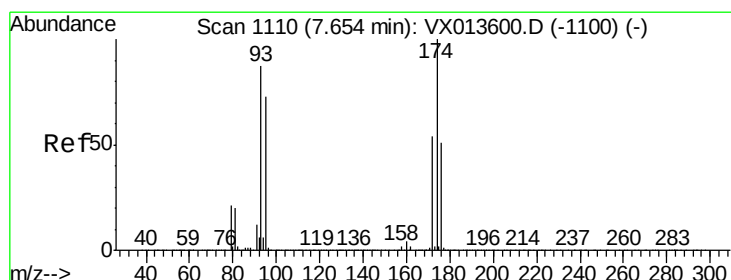
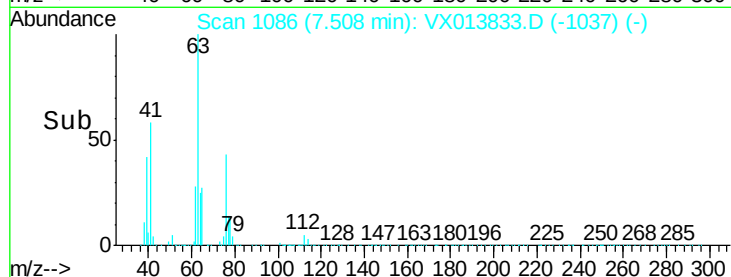
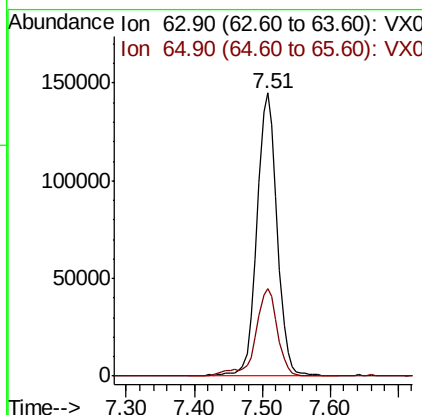
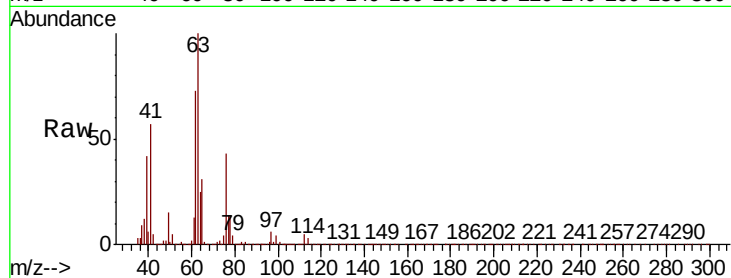
#45
 1,2-Dichloropropane
 Concen: 49.774 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.5	38.3

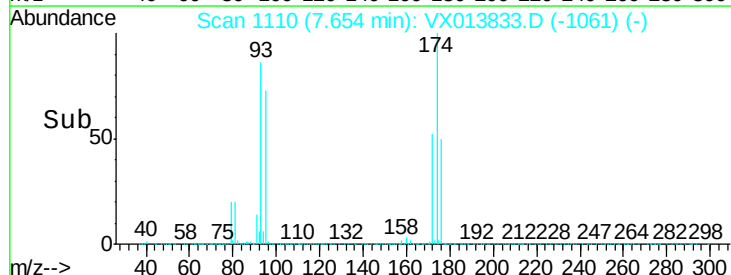
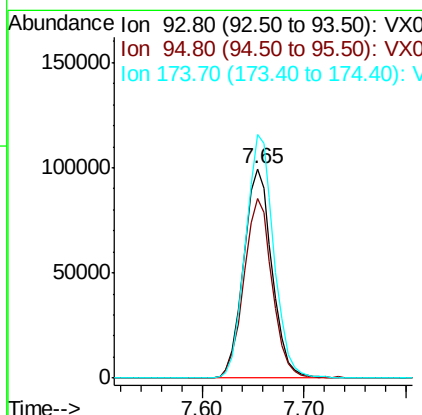
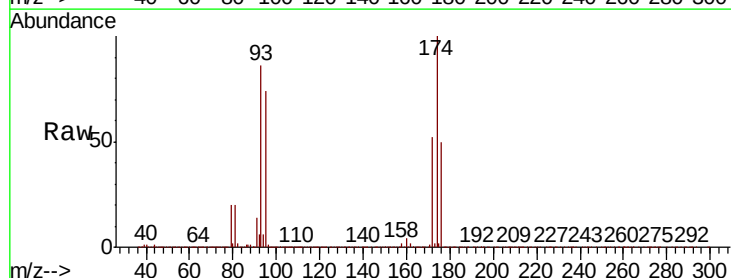
Manual Integrations
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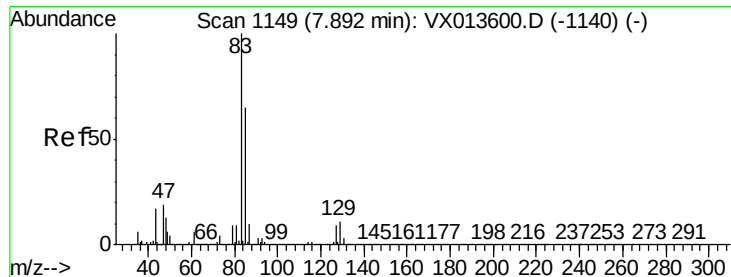
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#46
 Dibromomethane
 Concen: 47.475 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.2	99.2
174	115.8	93.4	140.0





#47

Bromodichloromethane

Concen: 49.555 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

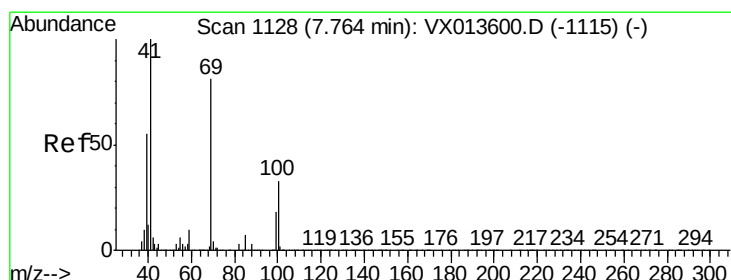
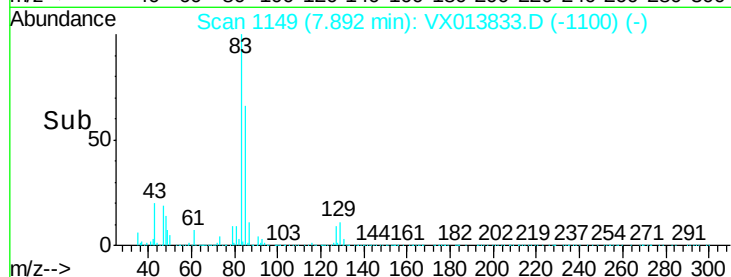
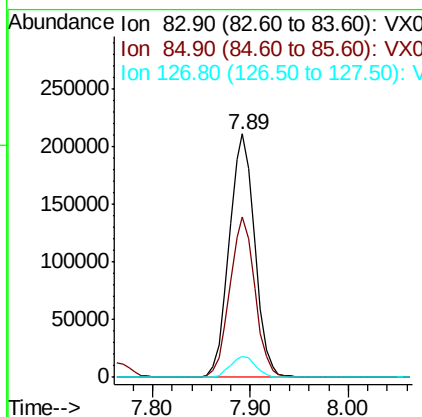
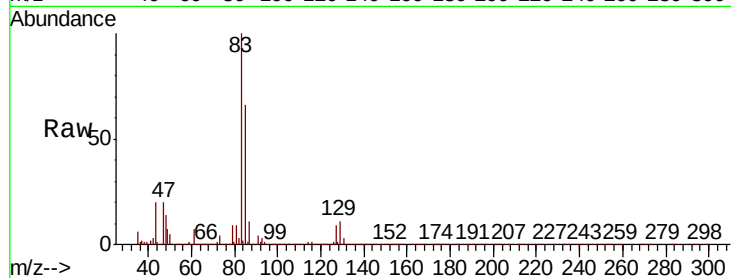
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	83	Resp:	381412
Ion Ratio	Lower	Upper	
83	100		
85	65.7	52.1	78.1
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.088 ug/l

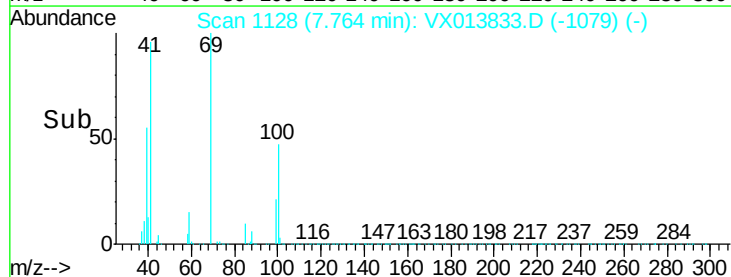
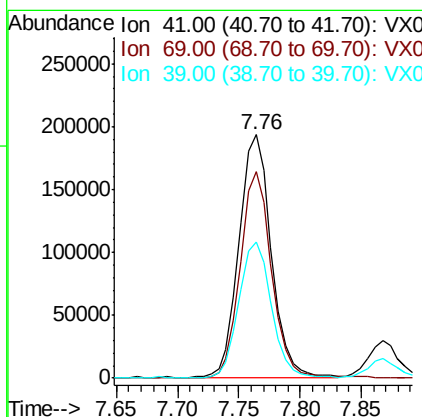
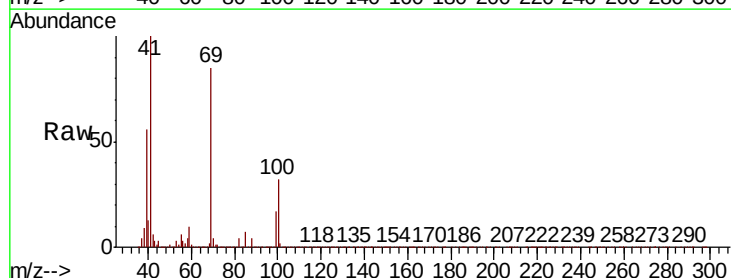
RT: 7.76 min Scan# 1128

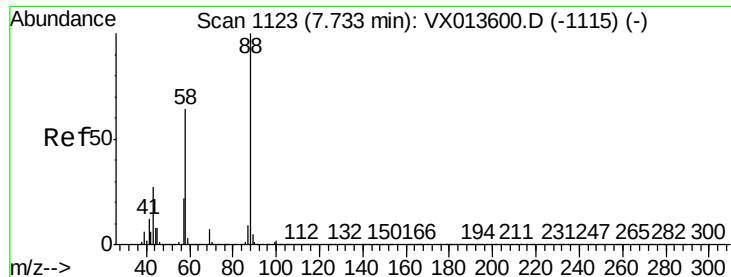
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	41	Resp:	353586
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	56.4	43.8	65.6





#49

1,4-Dioxane

Concen: 1064.196 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

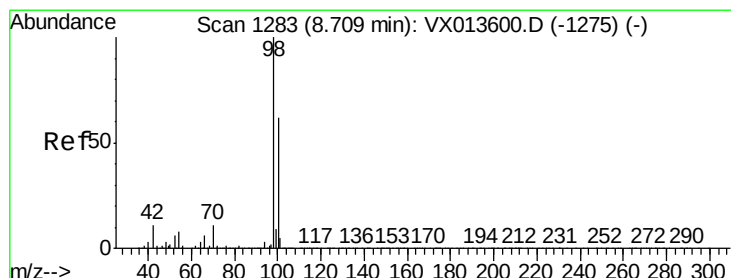
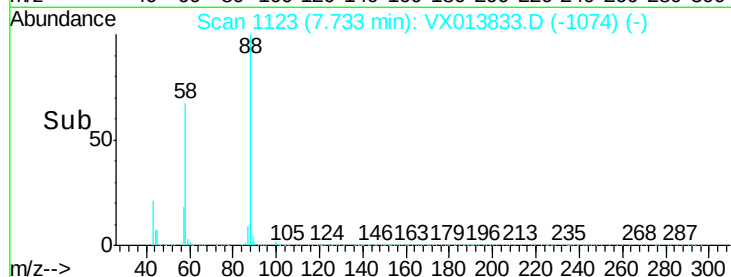
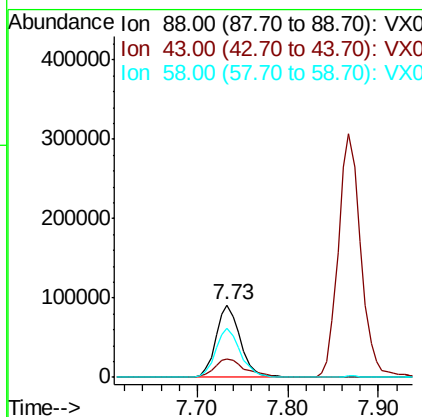
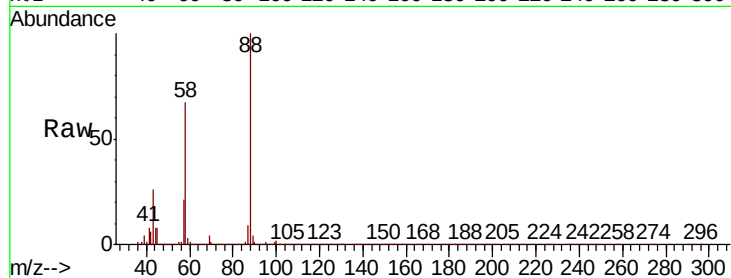
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	88	Resp:	168159
Ion Ratio	Lower	Upper	
88	100		
43	31.0	25.8	38.6
58	69.0	54.6	82.0

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#50

Toluene-d8

Concen: 45.730 ug/l

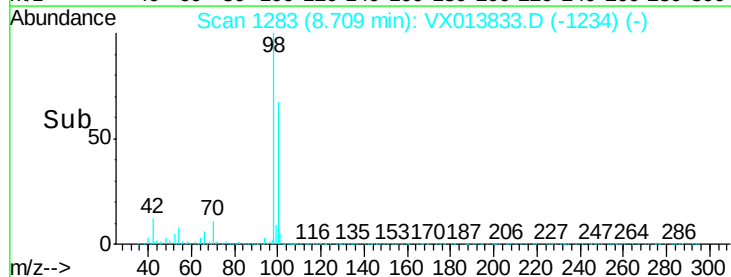
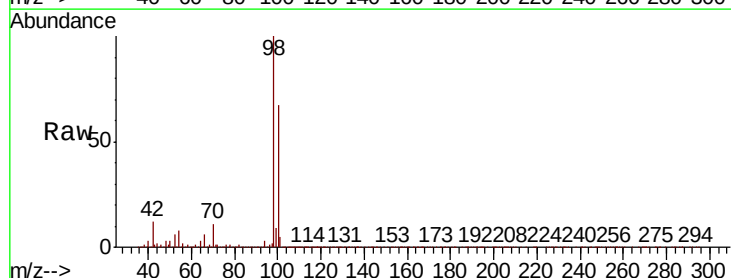
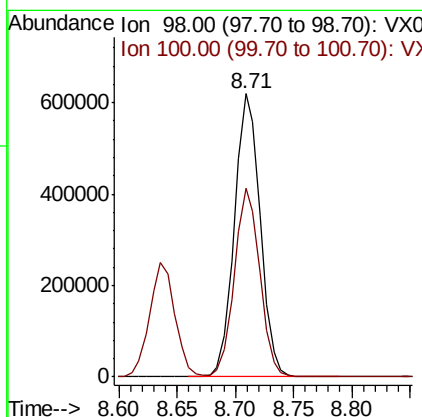
RT: 8.71 min Scan# 1283

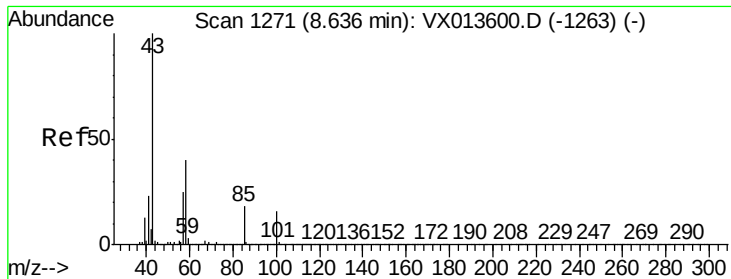
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	98	Resp:	954535
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 255.328 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 43 Resp: 2333479

Ion Ratio Lower Upper

43 100

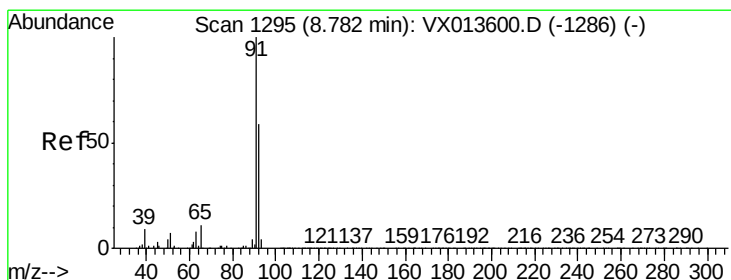
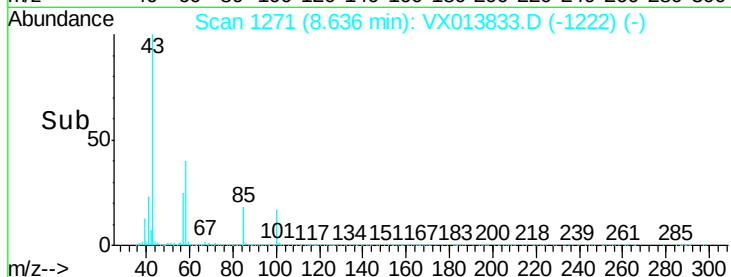
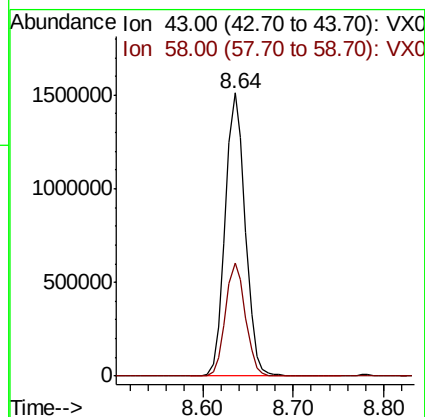
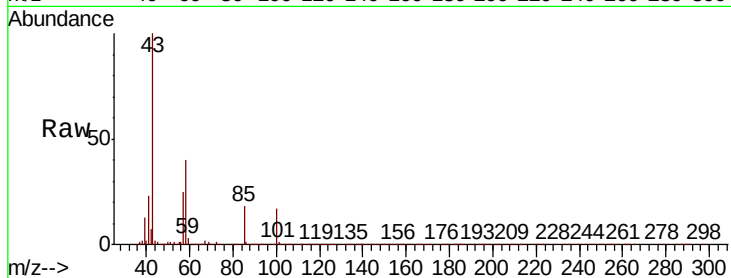
58 39.7 32.1 48.1

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#52

Toluene

Concen: 48.321 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013833.D

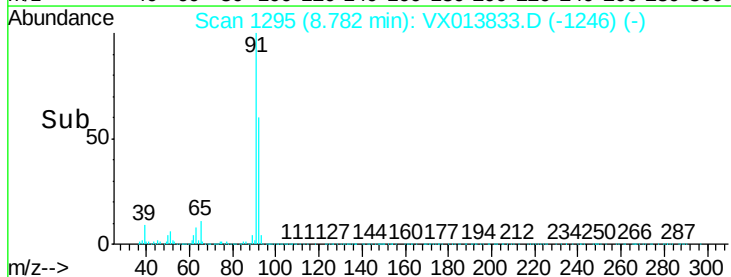
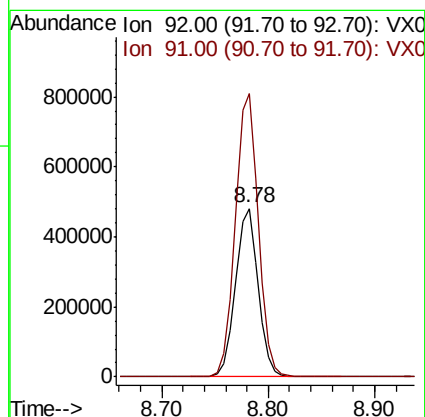
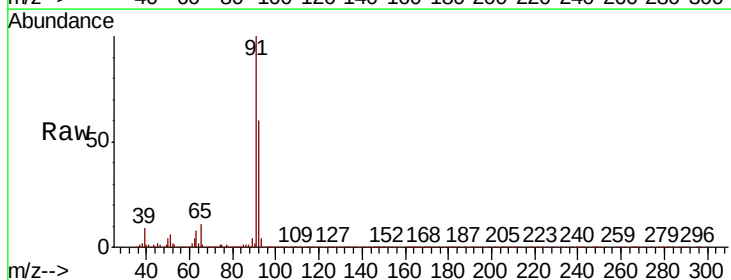
Acq: 07 Dec 2019 05:04

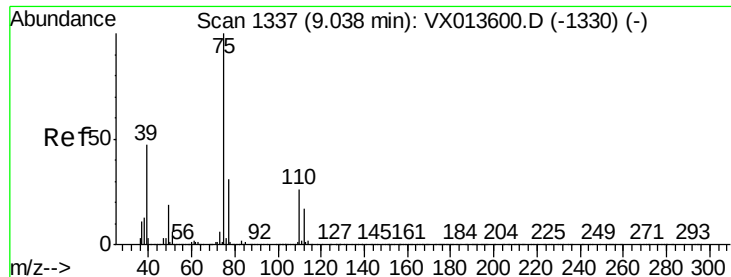
Tgt Ion: 92 Resp: 719235

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 45.052 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 75 Resp: 394691

Ion Ratio Lower Upper

75 100

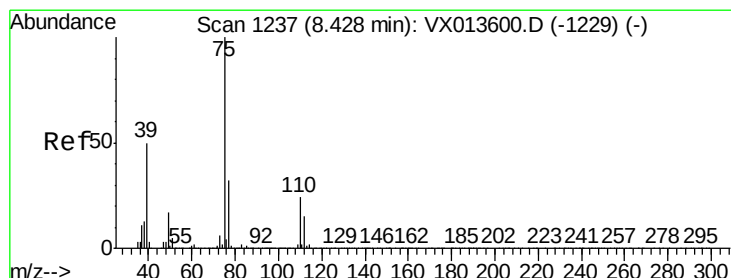
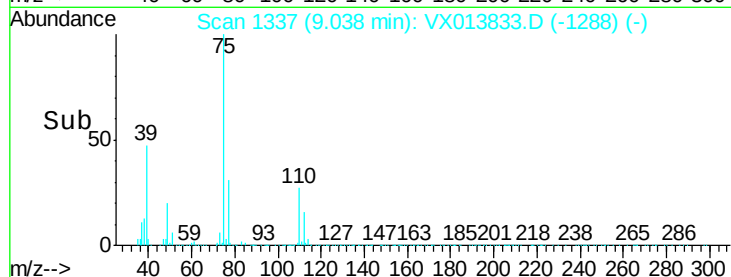
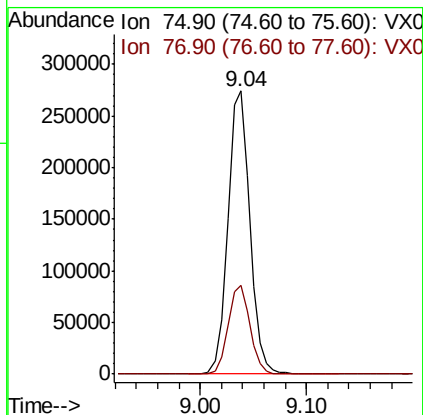
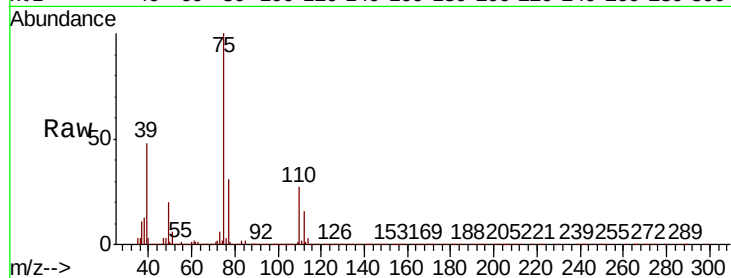
77 31.4 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 46.429 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

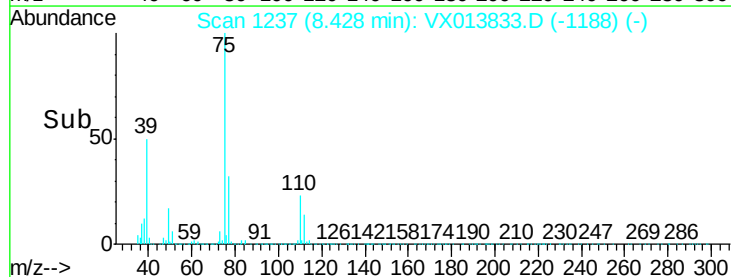
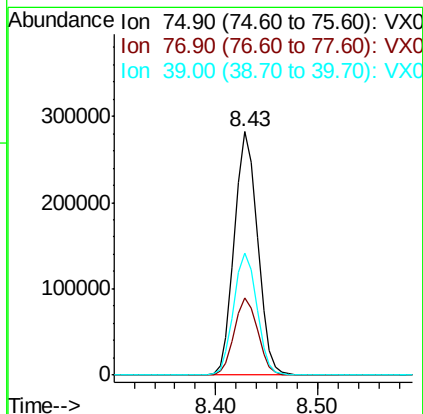
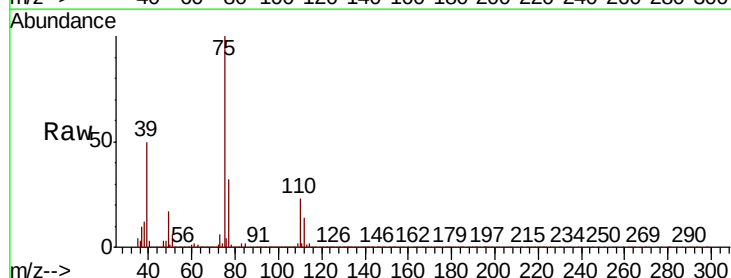
Tgt Ion: 75 Resp: 444390

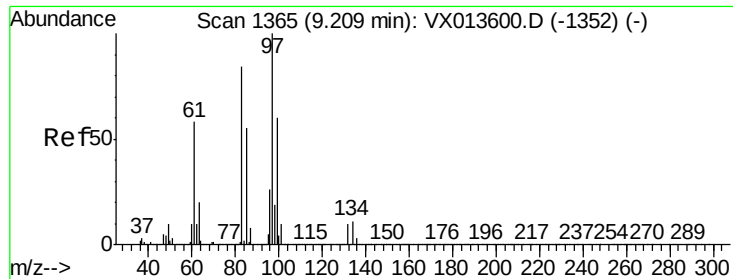
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 50.1 39.9 59.9





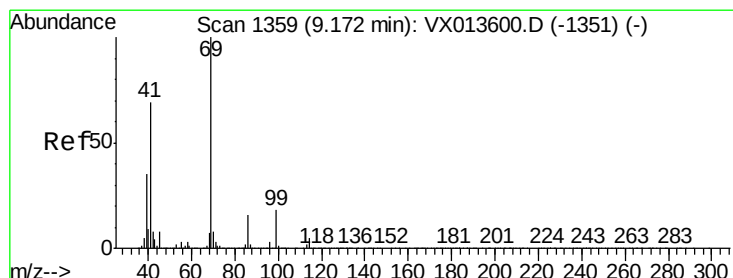
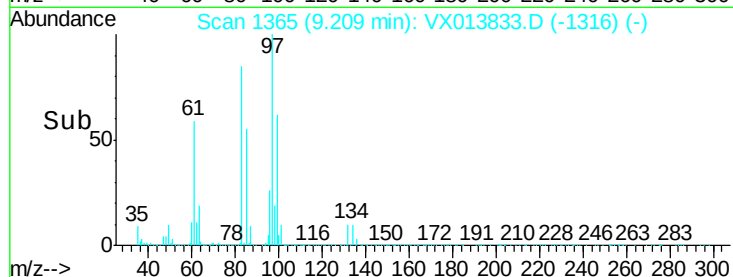
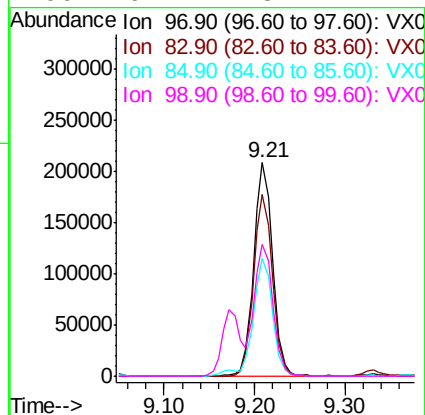
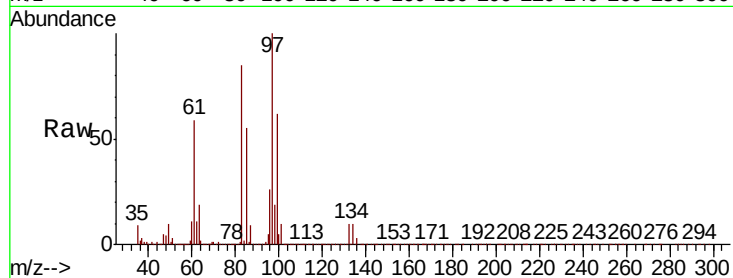
#55
 1,1,2-Trichloroethane
 Concen: 50.133 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		300708		
83	84.8	67.3	100.9		
85	55.1	43.6	65.4		
99	62.1	48.2	72.4		

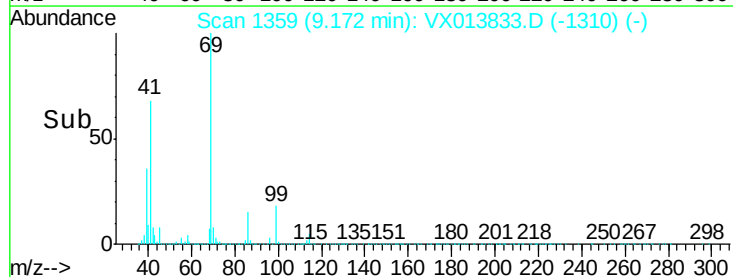
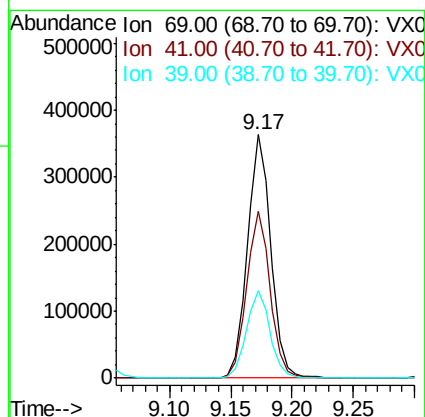
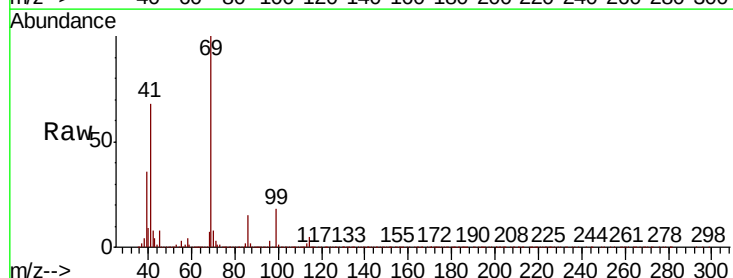
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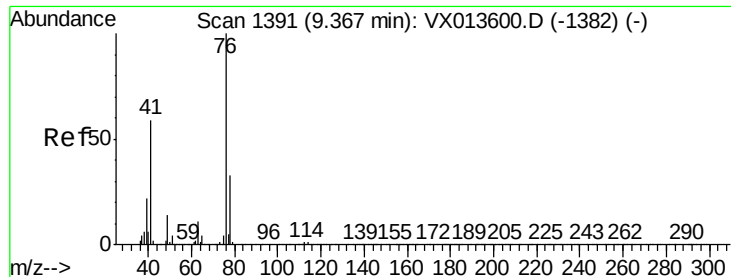
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#56
 Ethyl methacrylate
 Concen: 50.058 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		482735		
41	68.3	55.0	82.4		
39	36.2	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.157 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 76 Resp: 508227

Ion Ratio Lower Upper

76 100

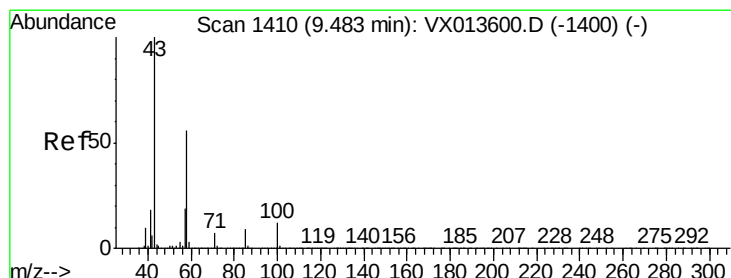
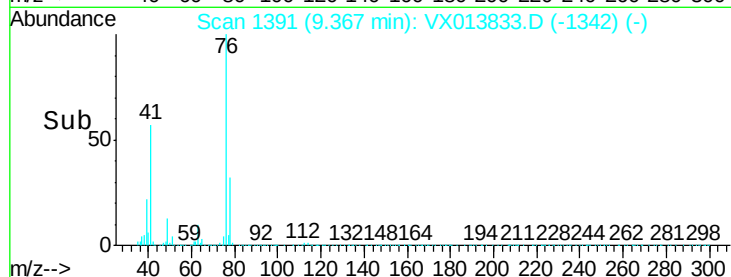
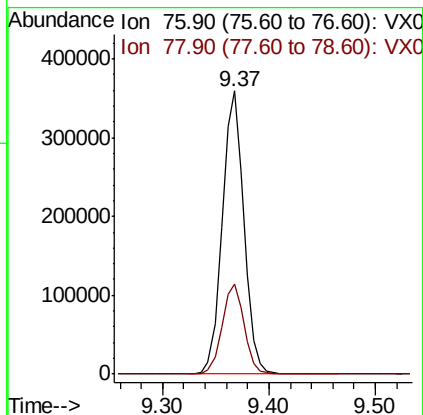
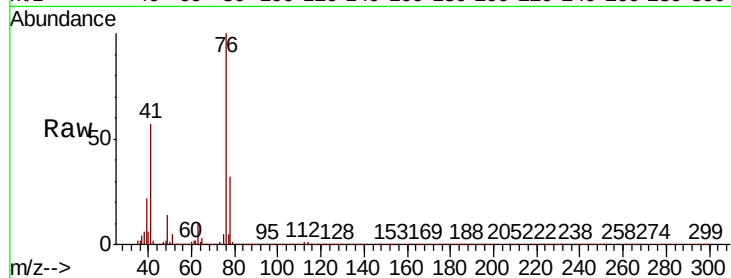
78 32.3 26.0 39.0

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#59

2-Hexanone

Concen: 252.324 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013833.D

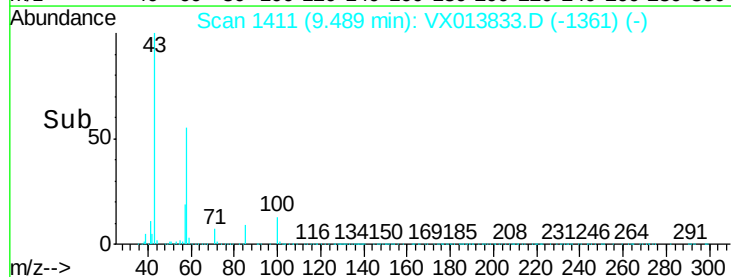
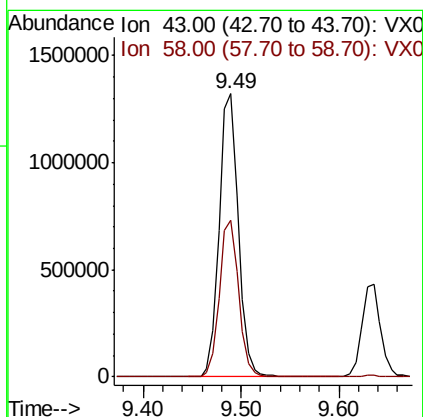
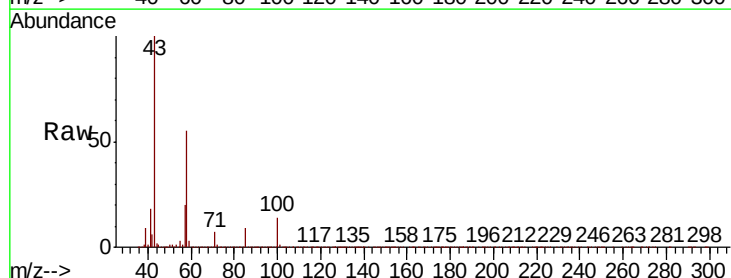
Acq: 07 Dec 2019 05:04

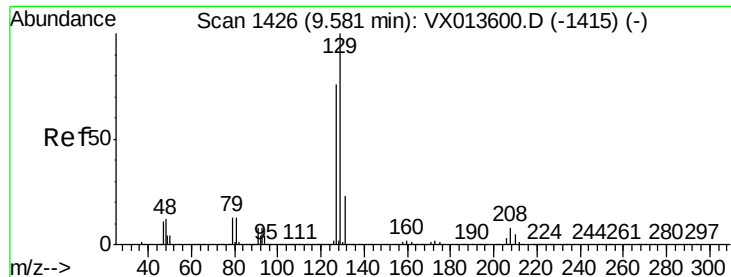
Tgt Ion: 43 Resp: 1798524

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.4





#60

Dibromochloromethane

Concen: 50.312 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion:129 Resp: 313186

Ion Ratio Lower Upper

129 100

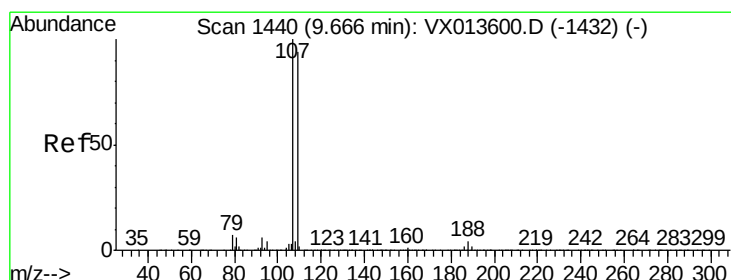
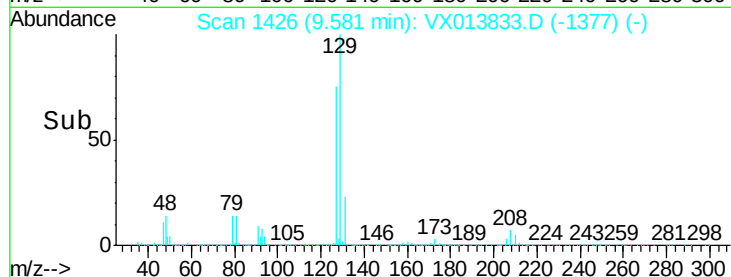
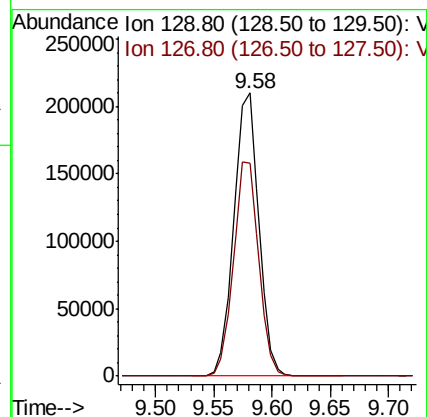
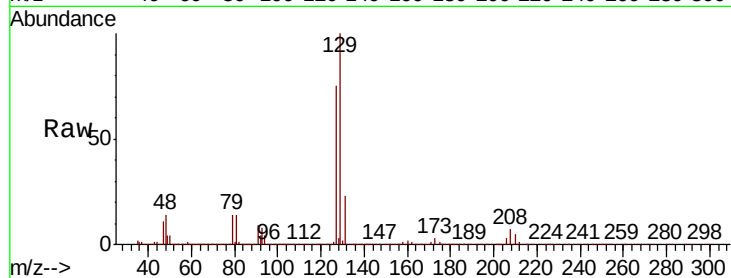
127 76.3 38.5 115.5

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#61

1,2-Dibromoethane

Concen: 48.523 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013833.D

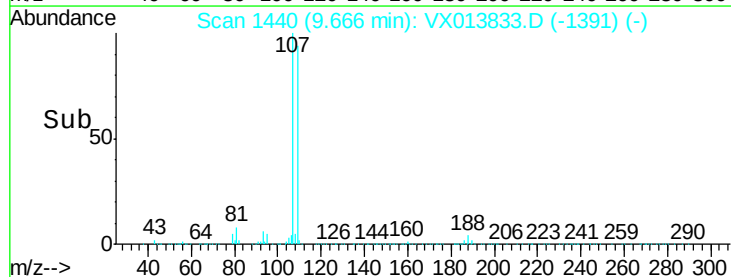
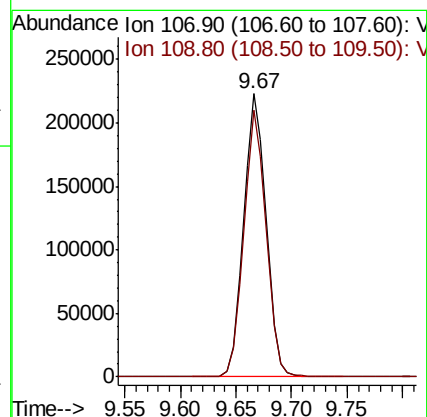
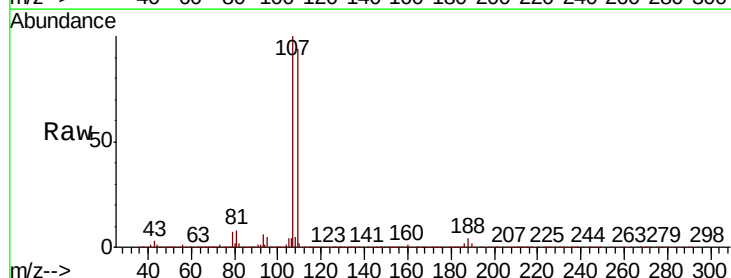
Acq: 07 Dec 2019 05:04

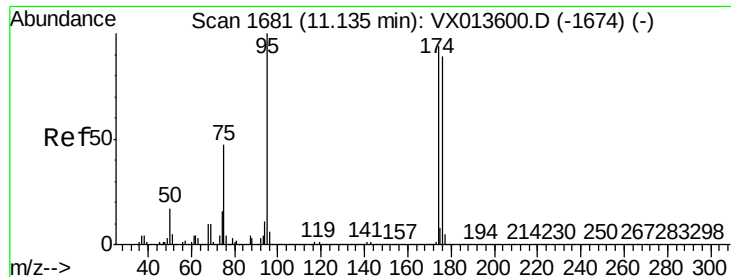
Tgt Ion:107 Resp: 310853

Ion Ratio Lower Upper

107 100

109 93.4 76.1 114.1





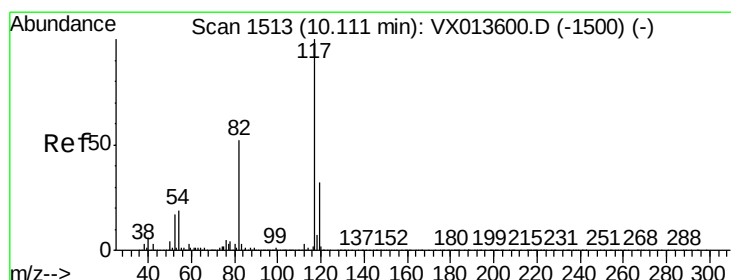
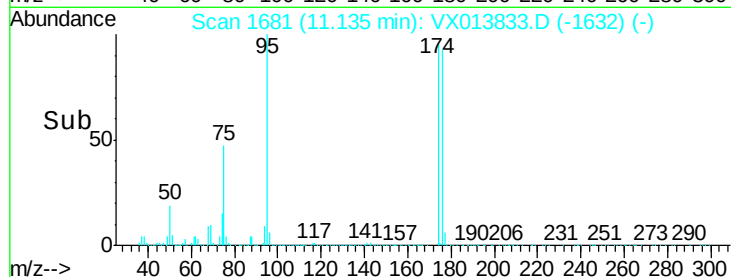
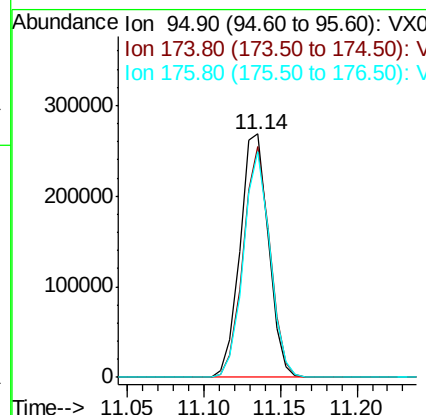
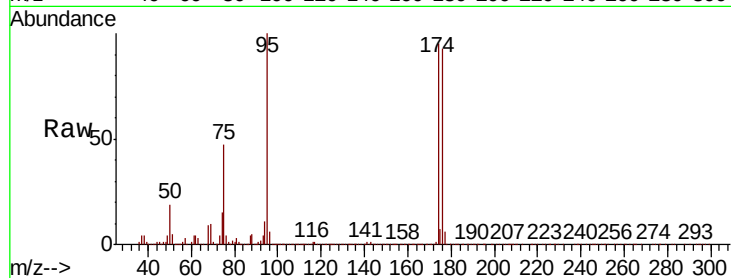
#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	346799		
174	88.8	0.0	180.0	
176	86.6	0.0	173.6	

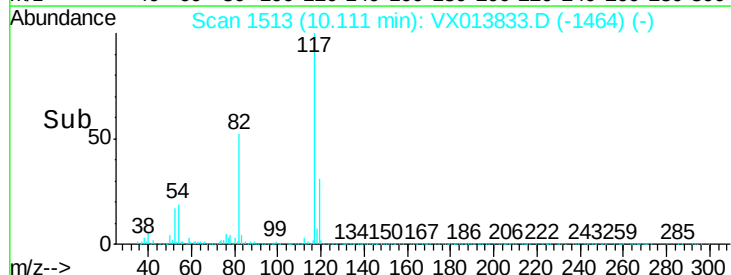
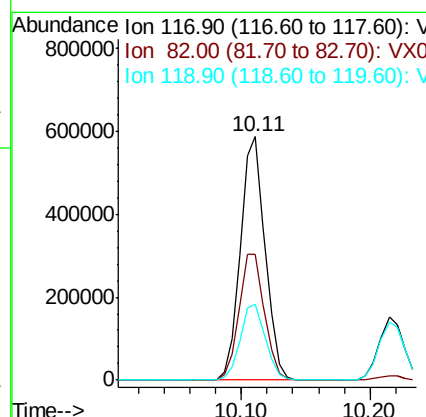
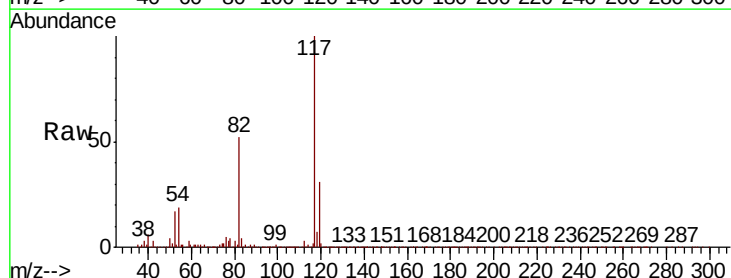
Manual Integrations
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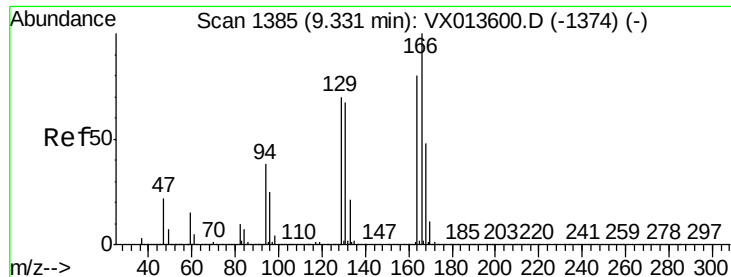
apatel
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	780920		
82	51.5	41.8	62.8	
119	31.0	25.8	38.8	





#64

Tetrachloroethene

Concen: 59.596 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

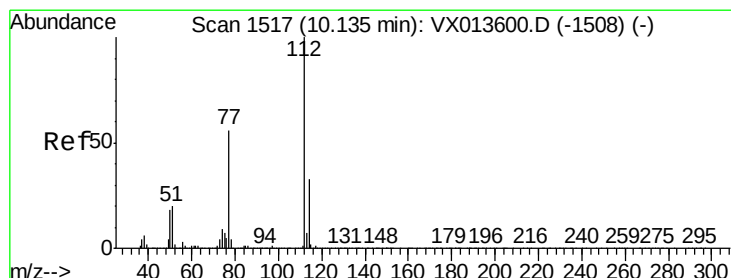
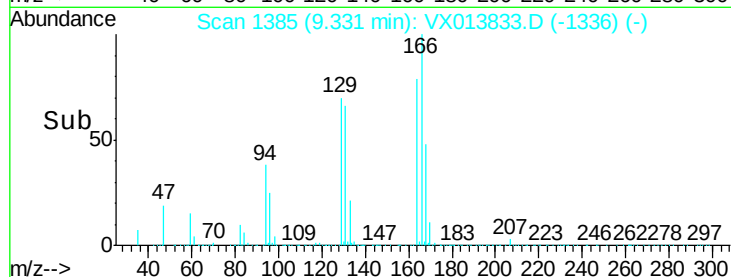
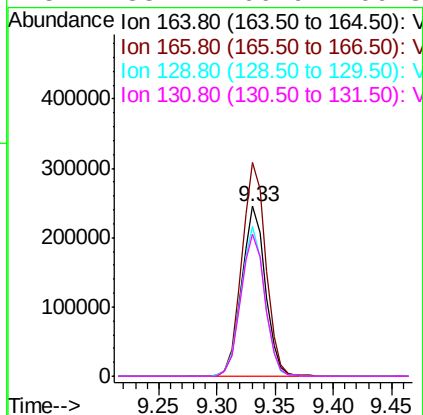
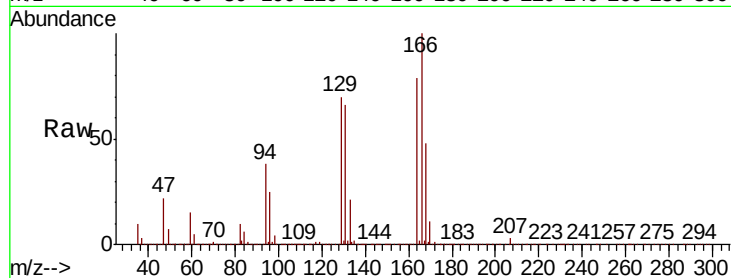
ClientSampleId :

RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.8	99.7	149.5	
129	88.4	70.1	105.1	
131	83.4	66.9	100.3	

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#65

Chlorobenzene

Concen: 48.173 ug/l

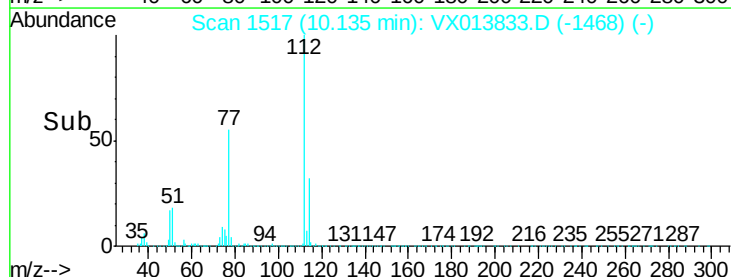
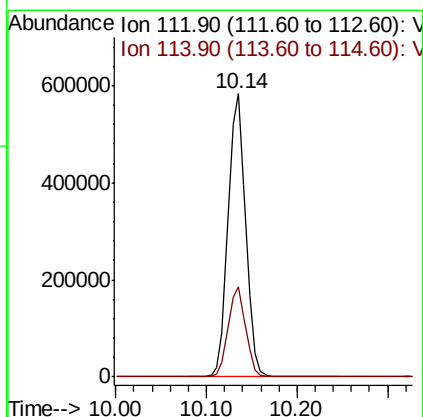
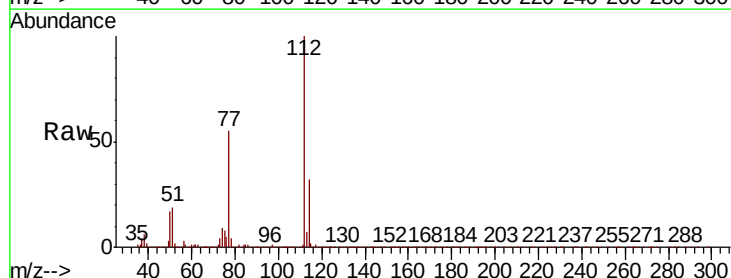
RT: 10.14 min Scan# 1517

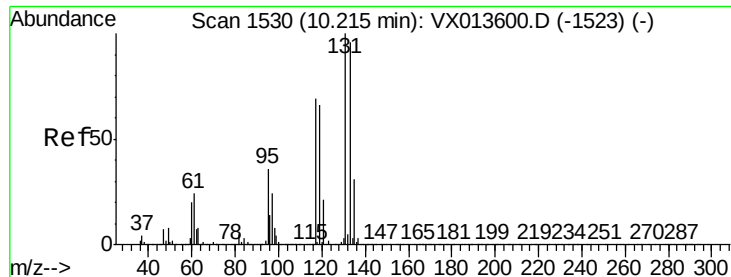
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.8	26.1	39.1	





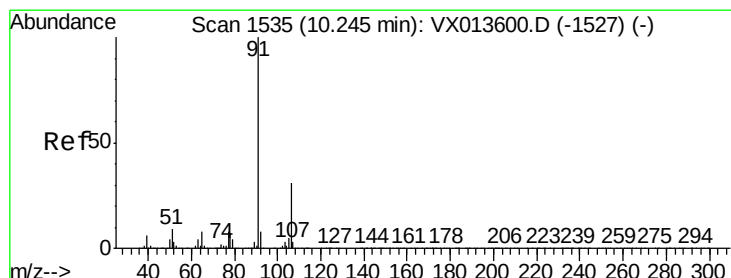
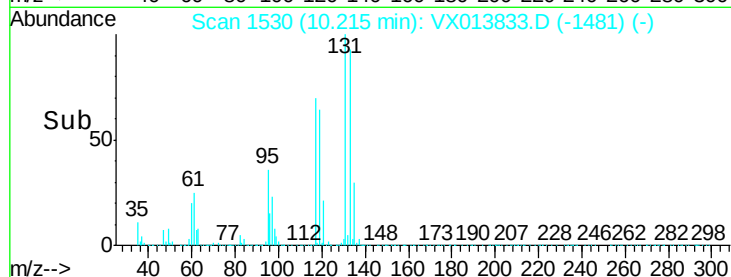
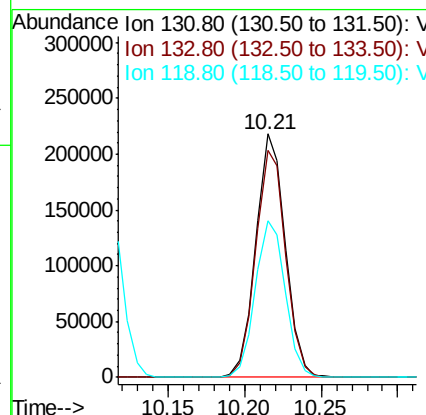
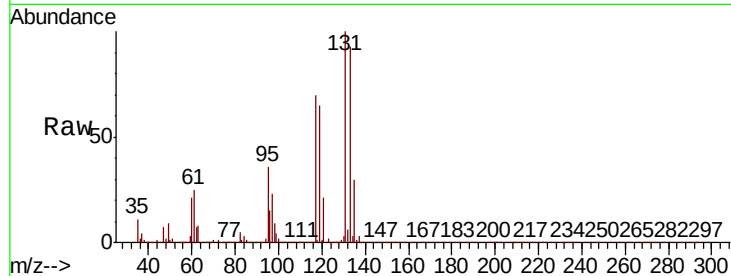
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.170 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.7	143.1
119	65.4	32.9	98.6

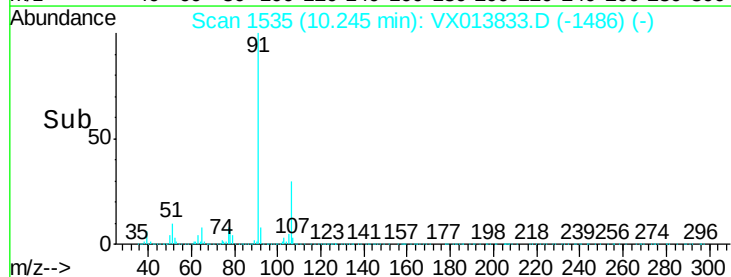
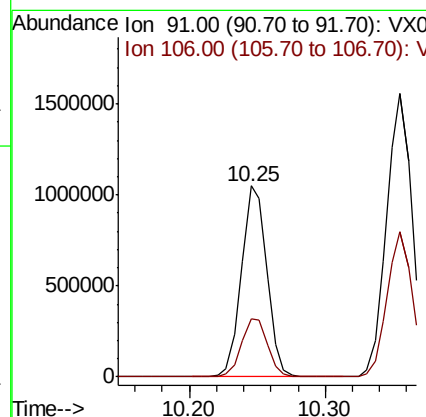
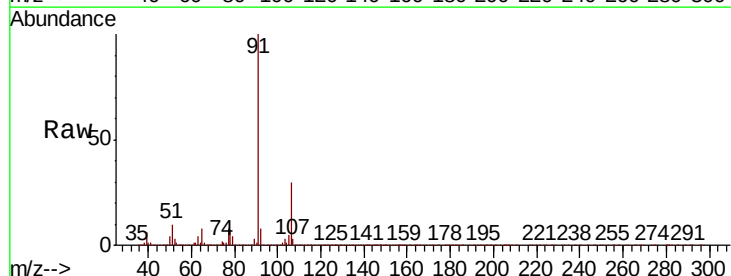
Manual Integrations
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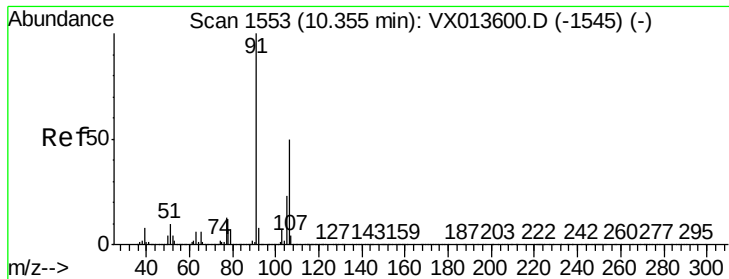
apatel
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#67
 Ethyl Benzene
 Concen: 48.748 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.5	36.7





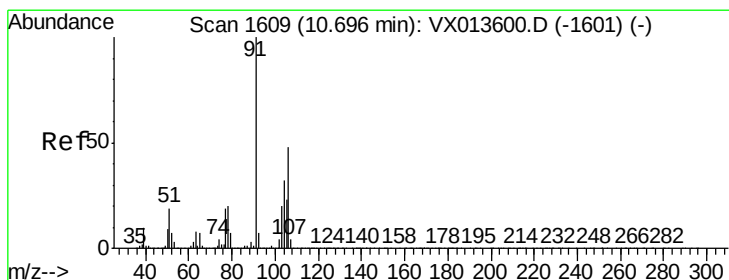
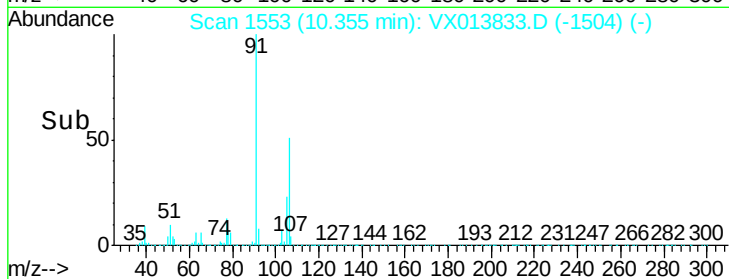
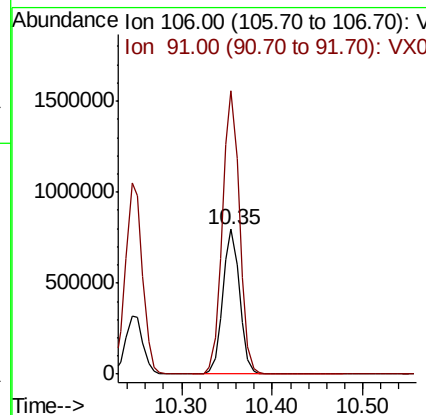
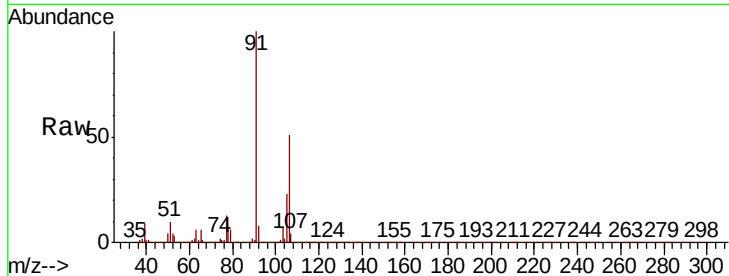
#68
m/p-Xylenes
Concen: 96.790 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion:106 Resp: 1032432
Ion Ratio Lower Upper
106 100
91 198.6 159.0 238.4

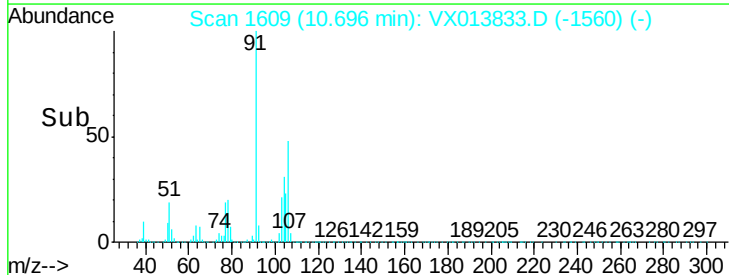
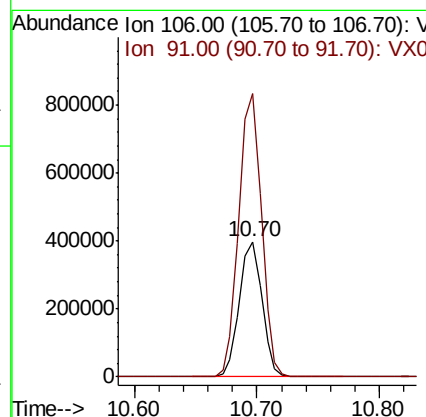
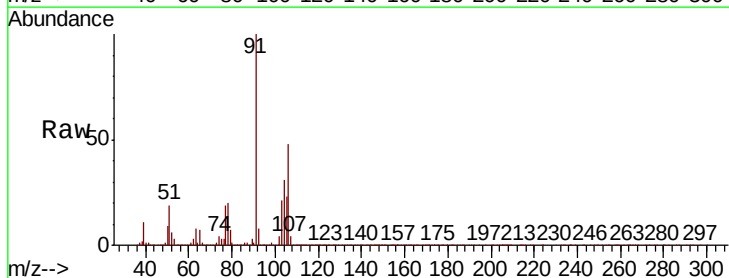
Manual Integrations
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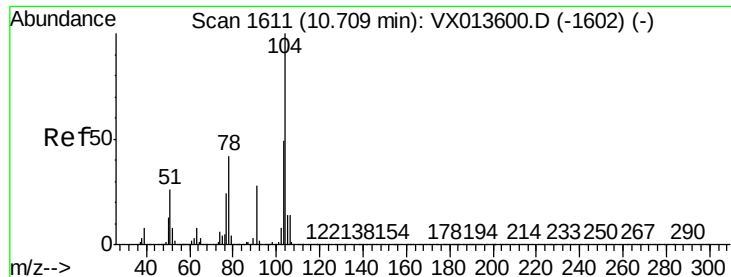
apatel
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#69
o-Xylene
Concen: 48.919 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion:106 Resp: 508918
Ion Ratio Lower Upper
106 100
91 210.0 104.1 312.2





#70

Stvrene

Concen: 49.756 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

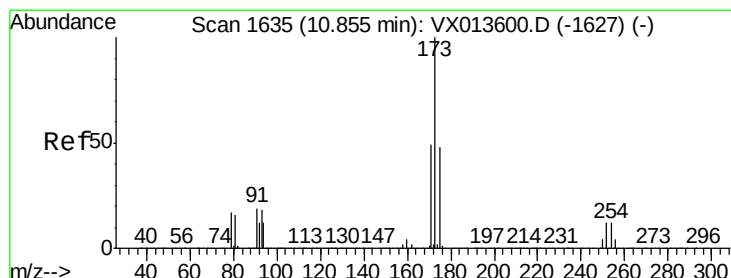
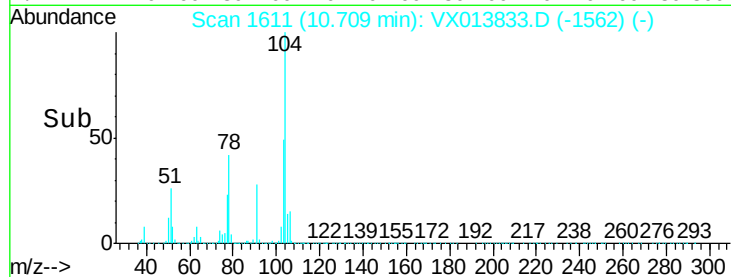
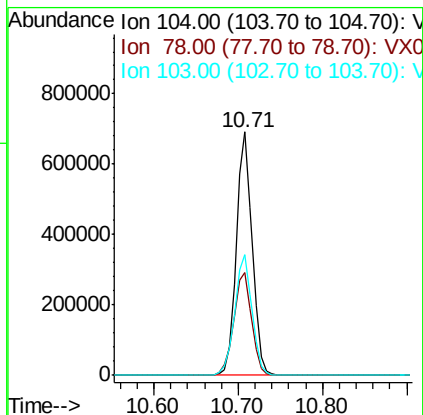
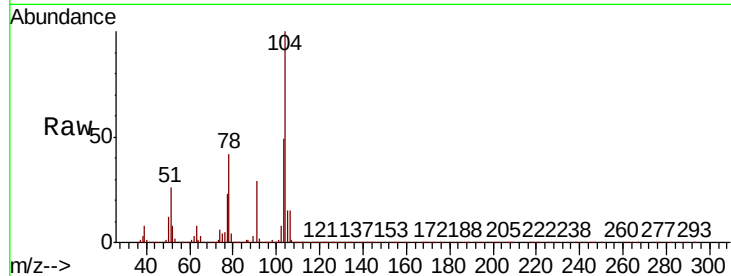
ClientSampleId :

RE131D2-20191204MS

Tot Ion:	104	Resp:	870732
Ion Ratio	Lower	Upper	
104	100		
78	48.3	38.5	57.7
103	54.6	43.7	65.5

Manual Integrations
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#71

Bromoform

Concen: 50.060 ug/l

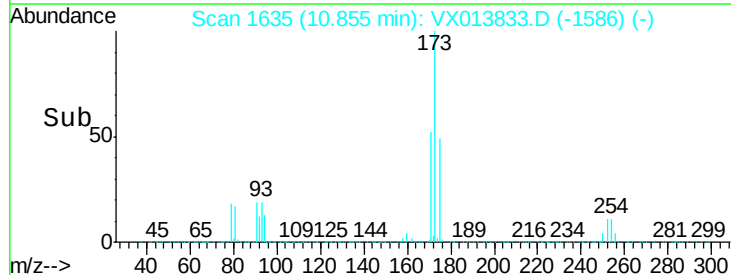
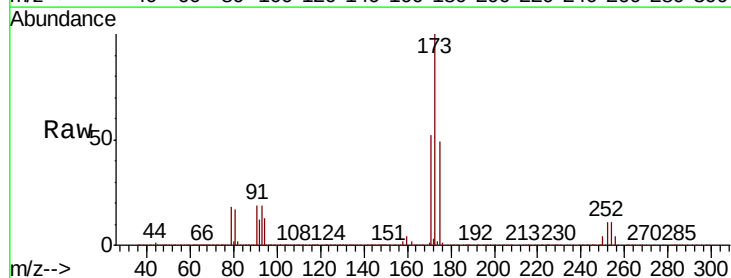
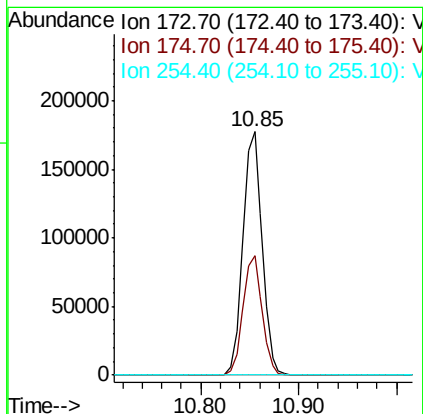
RT: 10.85 min Scan# 1635

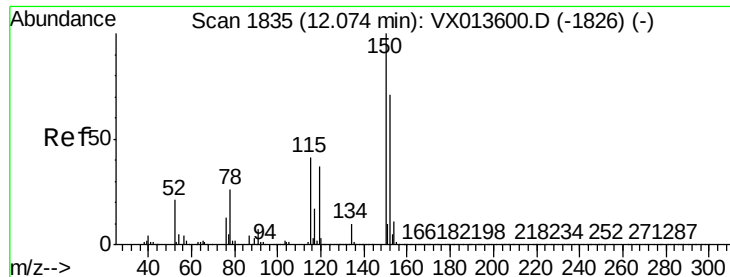
Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Tgt Ion:	173	Resp:	241157
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.3	72.8
254	0.3	0.2	0.4





#72

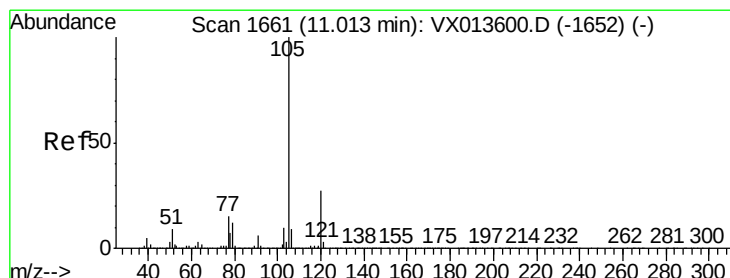
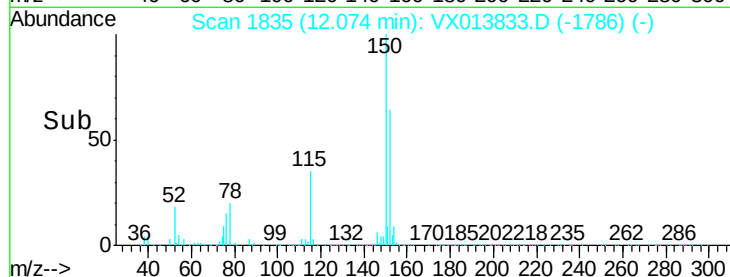
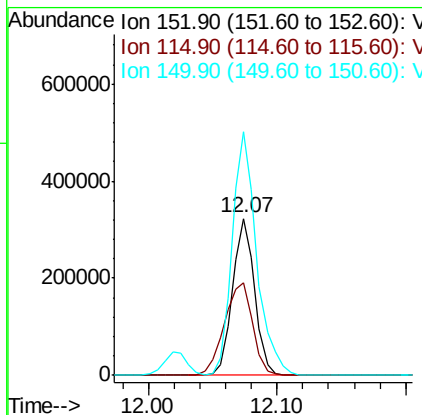
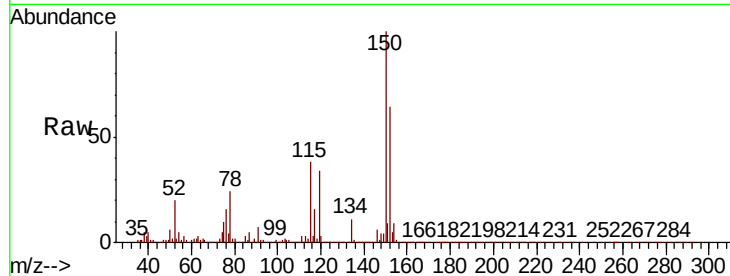
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.0	38.4	115.1
150	171.9	0.0	346.8

Manual Integrations
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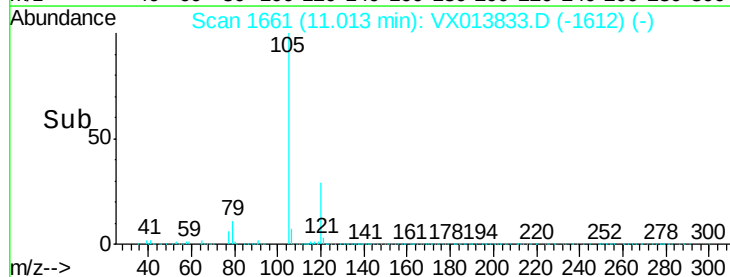
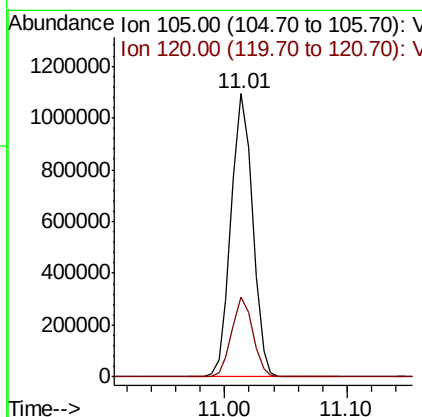
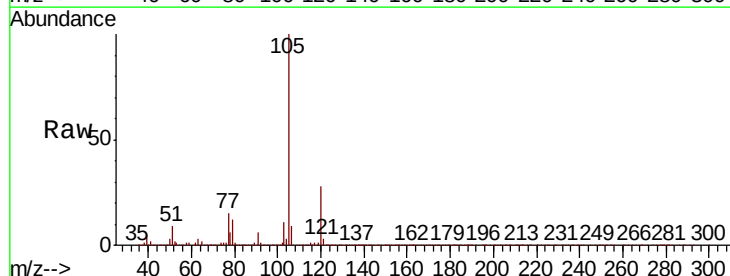
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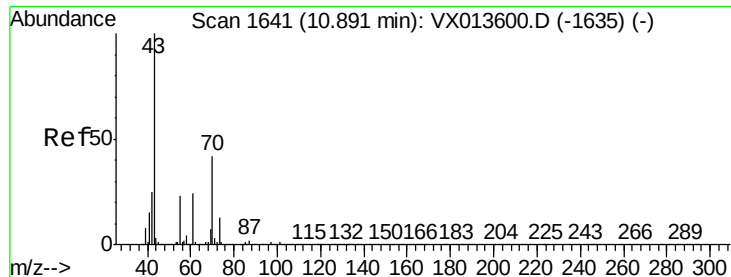


#73

Isopropylbenzene
Concen: 49.313 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.5





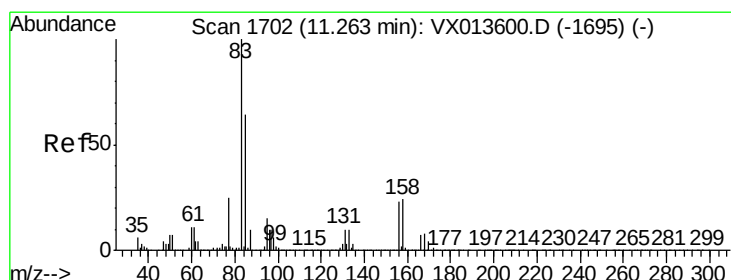
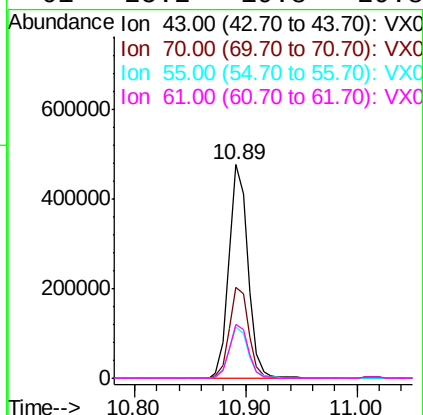
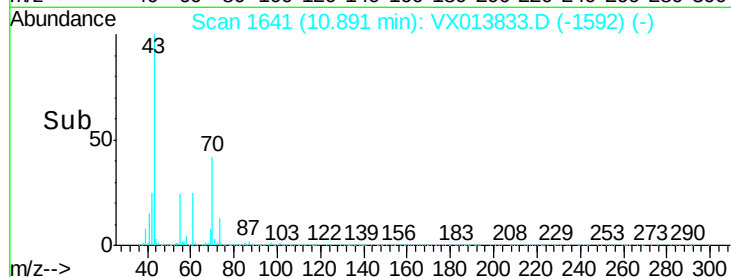
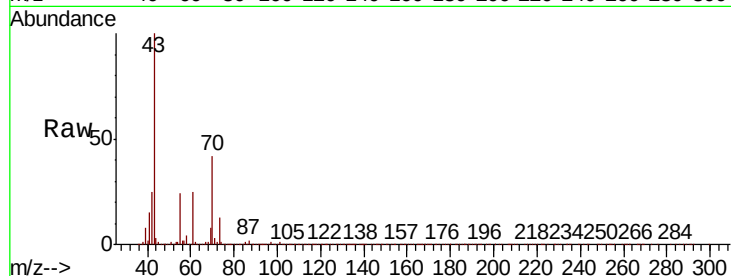
#74
N-amvl acetate
Concen: 45.577 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	564184		
70	70	44.0		34.3	51.5
55	55	24.2		18.5	27.7
61	61	25.2		19.8	29.8

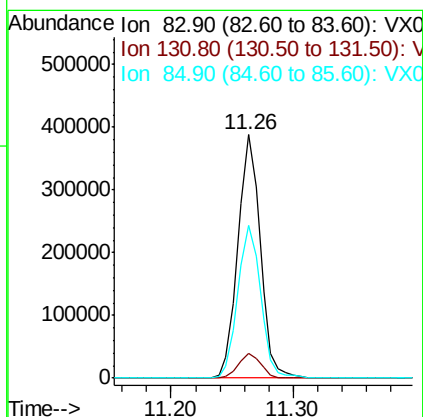
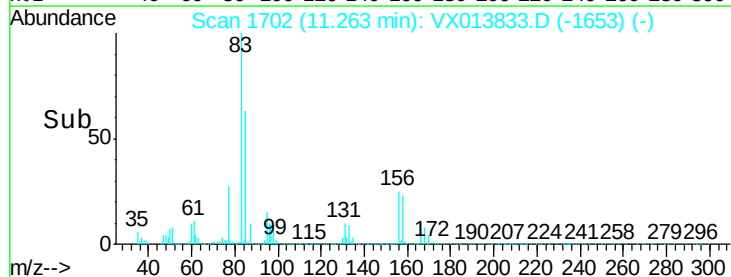
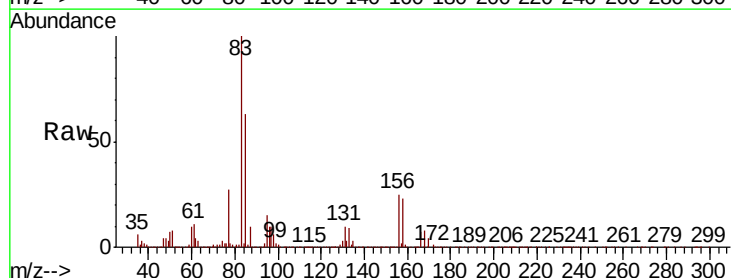
Manual Integrations
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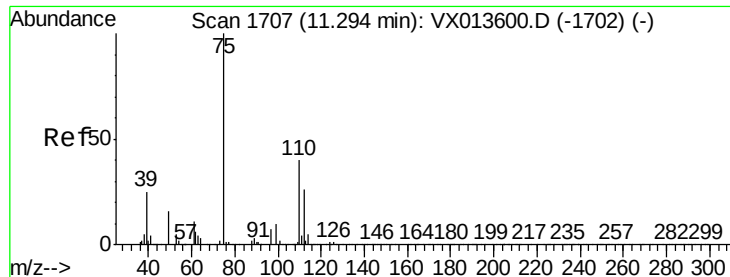
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#75
1,1,2,2-Tetrachloroethane
Concen: 52.235 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	489504		
131	131	10.1		5.1	15.3
85	85	64.4		31.8	95.3





#76

1,2,3-Trichloropropane

Concen: 42.658 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 75 Resp: 369611

Ion Ratio Lower Upper

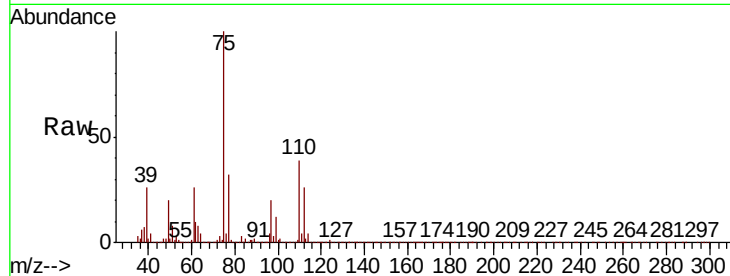
75 100

77 44.0 19.1 57.5

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX013600.D (-1702) (-)

Ion 77.00 (76.70 to 77.70): VX013600.D (-1702) (-)

400000

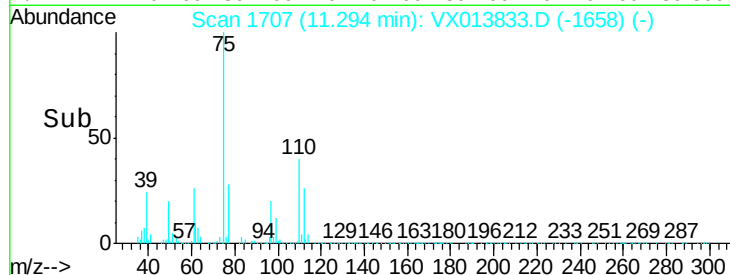
300000

200000

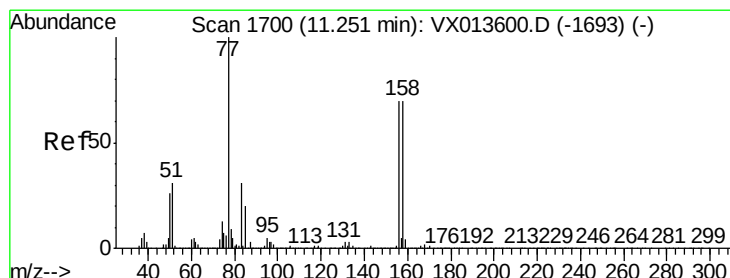
100000

0

11.26 11.28 11.30



Time-->



#77

Bromobenzene

Concen: 48.090 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

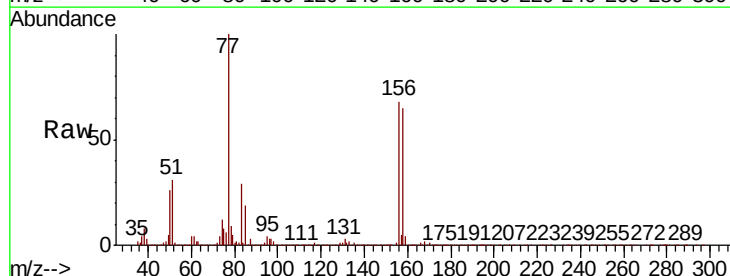
Tgt Ion: 156 Resp: 351066

Ion Ratio Lower Upper

156 100

77 149.9 74.4 223.1

158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): VX013600.D (-1693) (-)

Ion 77.00 (76.70 to 77.70): VX013600.D (-1693) (-)

Ion 157.80 (157.50 to 158.50): VX013600.D (-1693) (-)

500000

400000

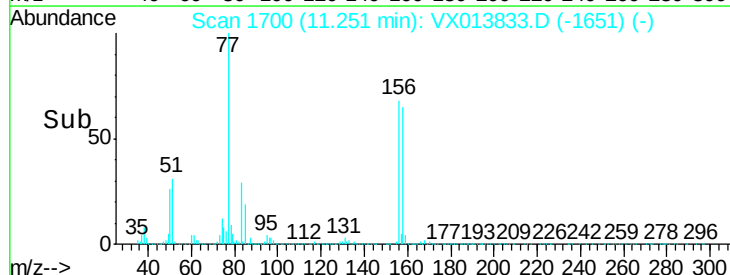
300000

200000

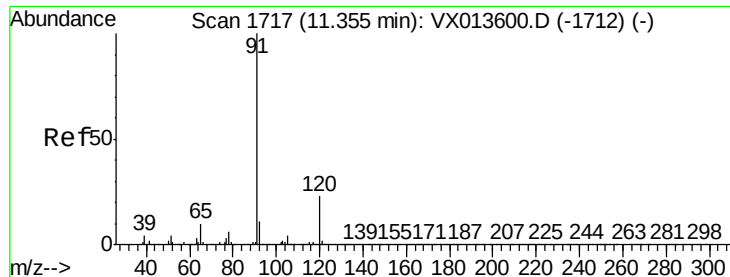
100000

0

11.20 11.30 11.40



Time-->



#78

n-propylbenzene

Concen: 48.380 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MS

Tot Ion: 91 Resp: 1459387

Ion Ratio Lower Upper

91 100

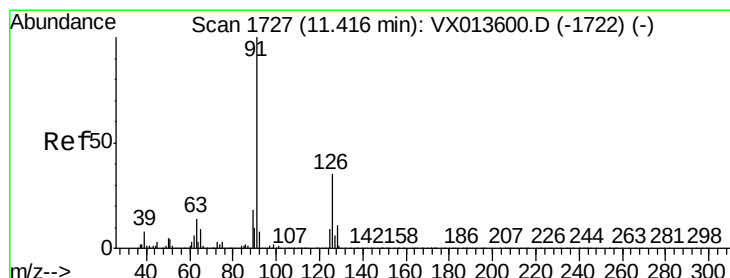
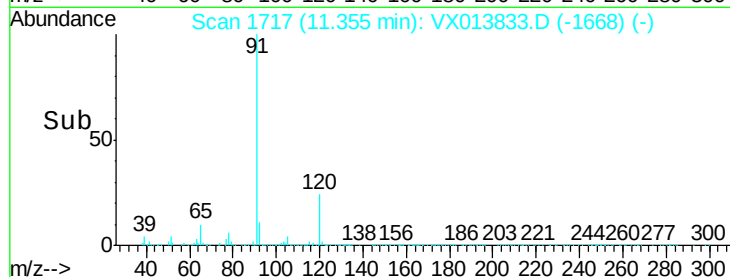
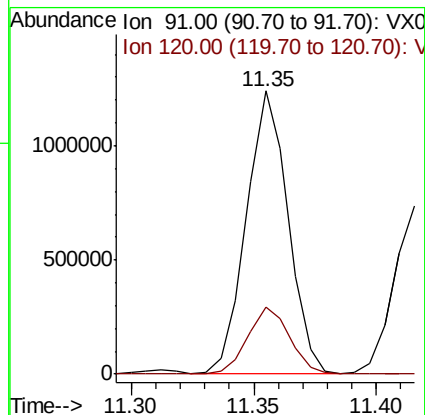
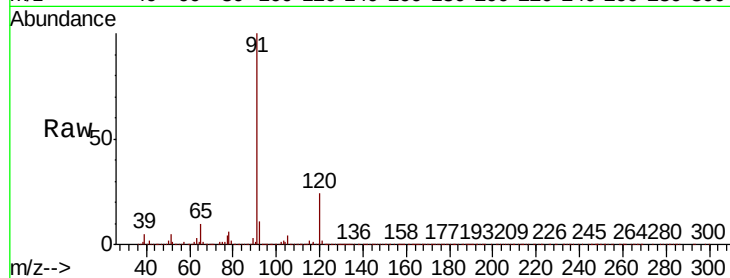
120 23.8 11.8 35.3

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#79

2-Chlorotoluene

Concen: 49.054 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013833.D

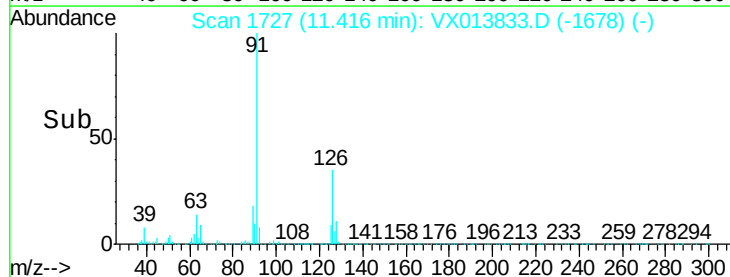
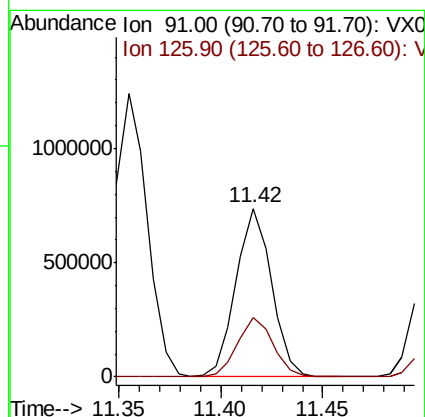
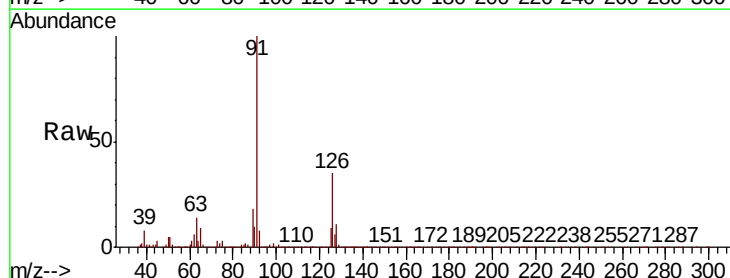
Acq: 07 Dec 2019 05:04

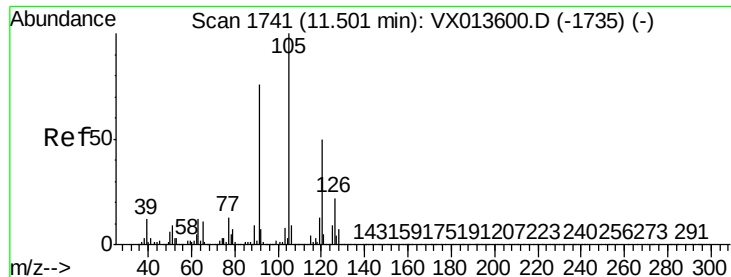
Tgt Ion: 91 Resp: 887655

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5





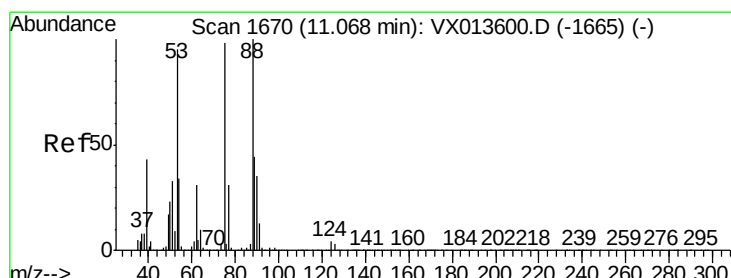
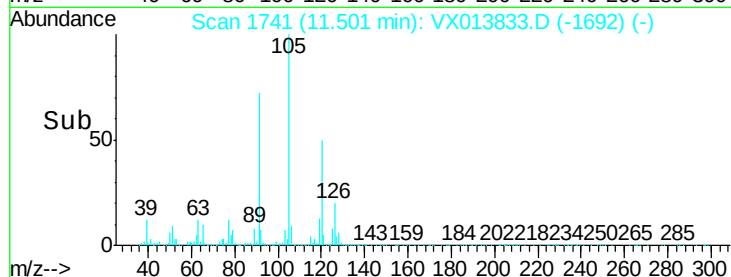
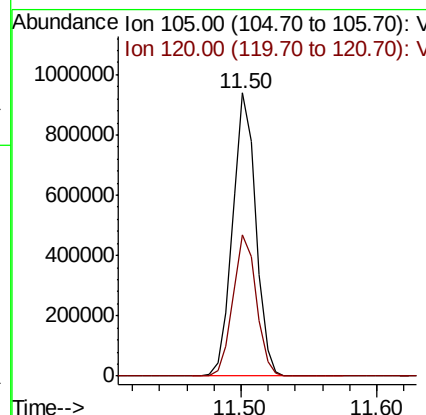
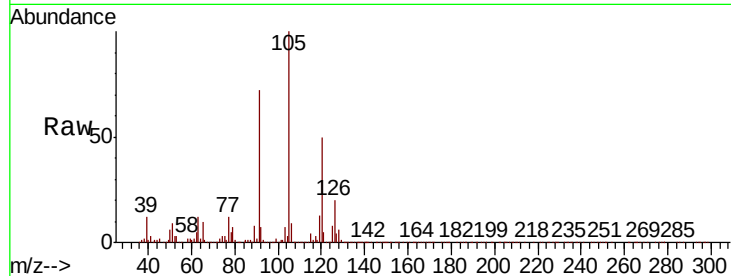
#80
 1,3,5-Trimethylbenzene
 Concen: 49.852 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion:105 Resp: 1104093
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9

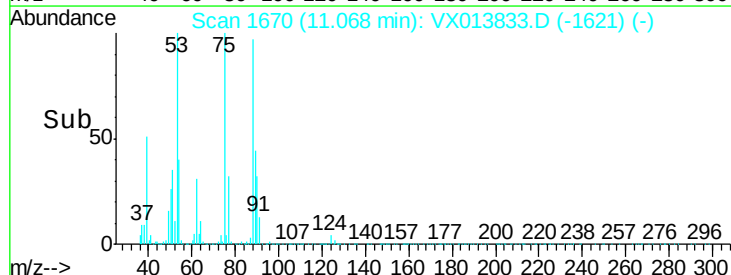
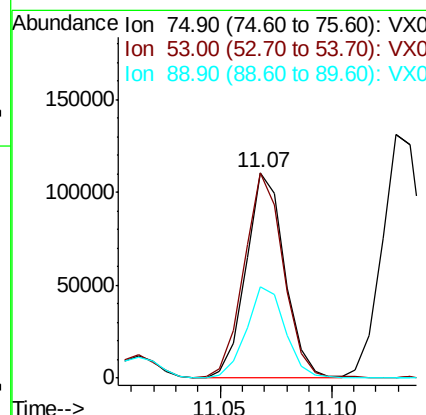
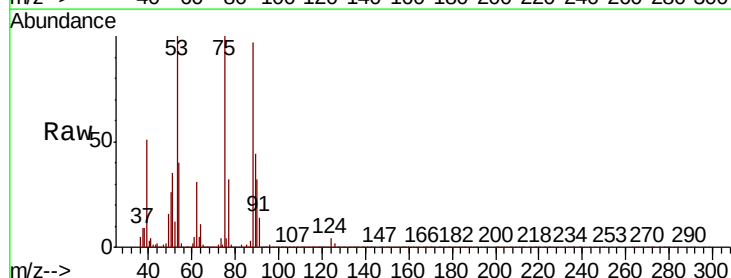
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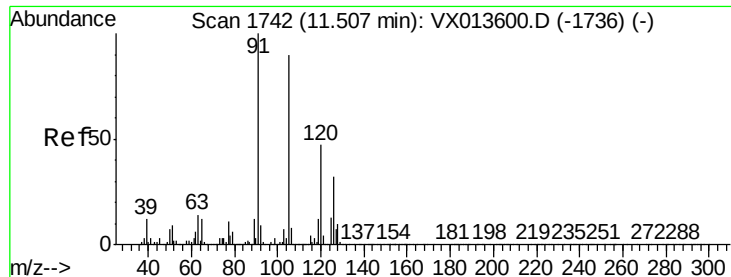
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.036 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion: 75 Resp: 133129
 Ion Ratio Lower Upper
 75 100
 53 100.9 78.2 117.2
 89 44.9 35.4 53.2





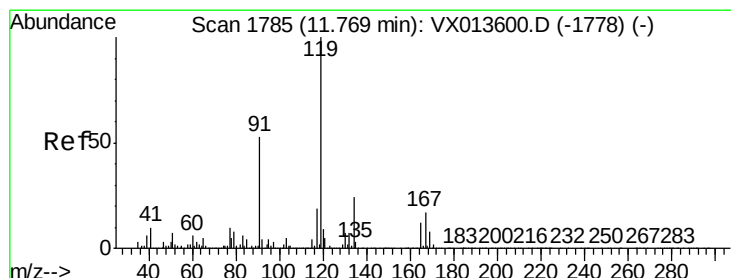
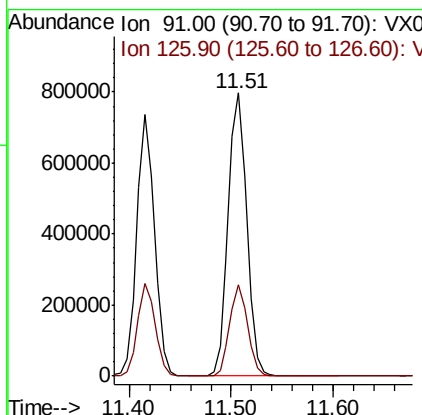
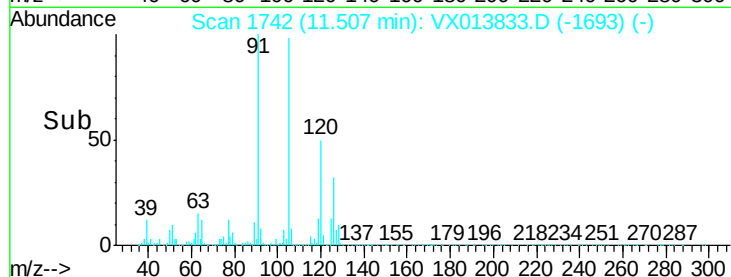
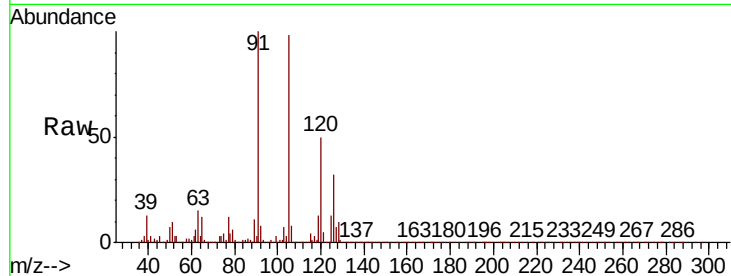
#82
4-Chlorotoluene
Concen: 47.827 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion: 91 Resp: 1002374
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

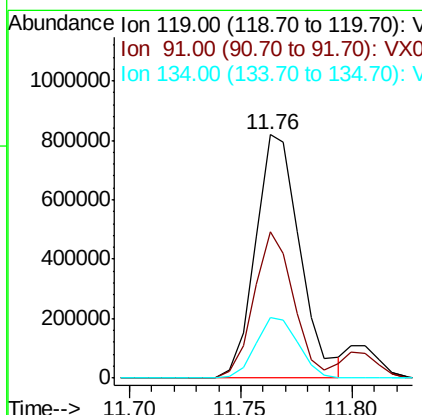
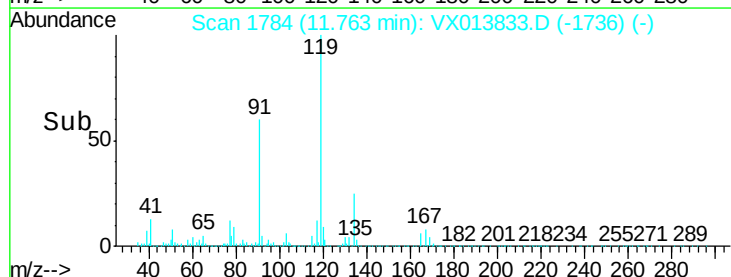
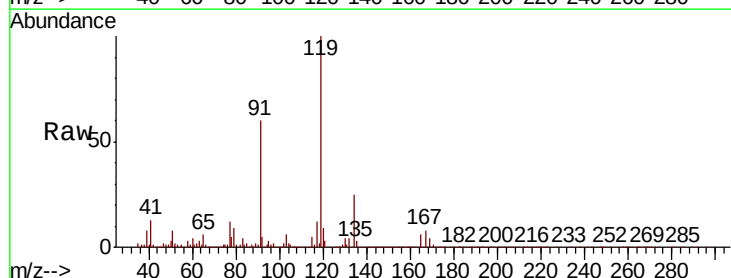
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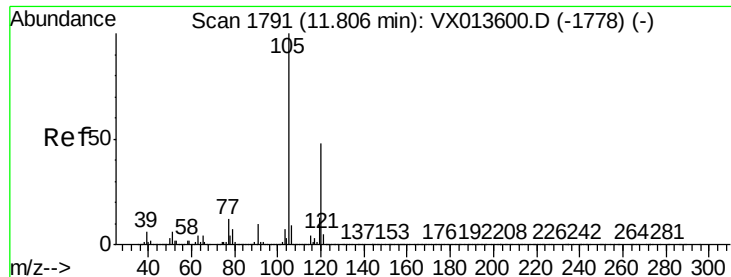
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#83
tert-Butylbenzene
Concen: 50.379 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion: 119 Resp: 1133939
Ion Ratio Lower Upper
119 100
91 53.7 27.2 81.6
134 23.8 11.7 35.1





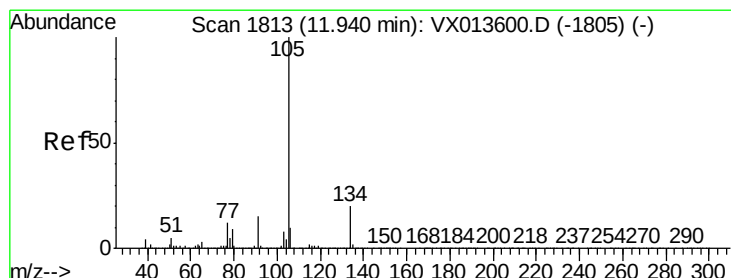
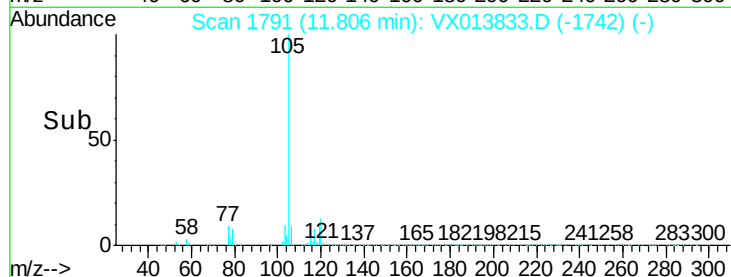
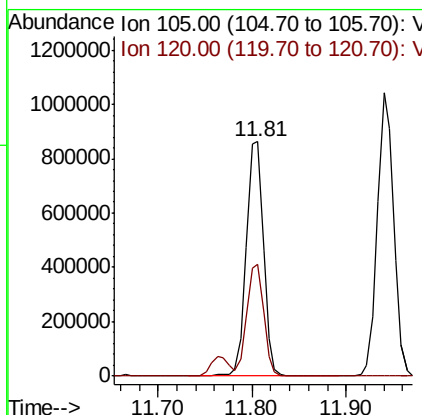
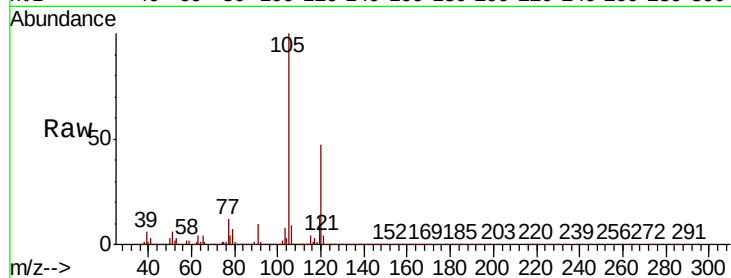
#84
 1,2,4-Trimethylbenzene
 Concen: 48.946 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion:105 Resp: 1100172
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.3

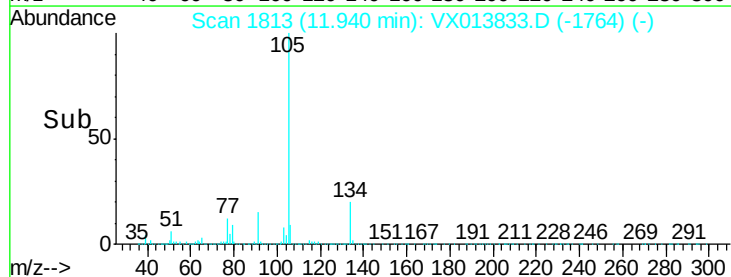
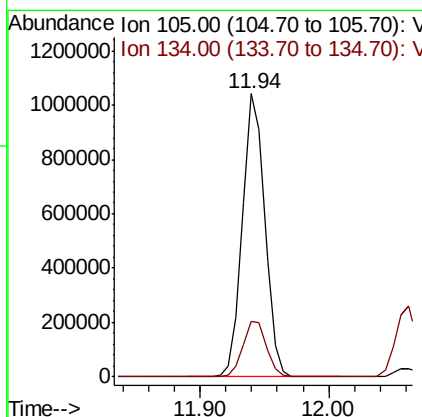
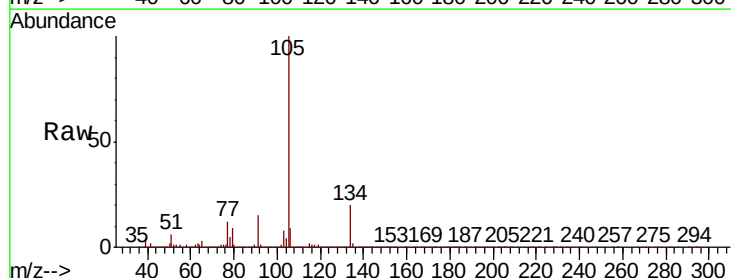
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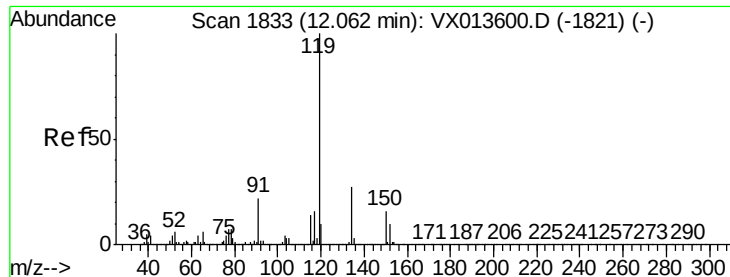
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#85
 sec-Butylbenzene
 Concen: 48.682 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion:105 Resp: 1251582
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2





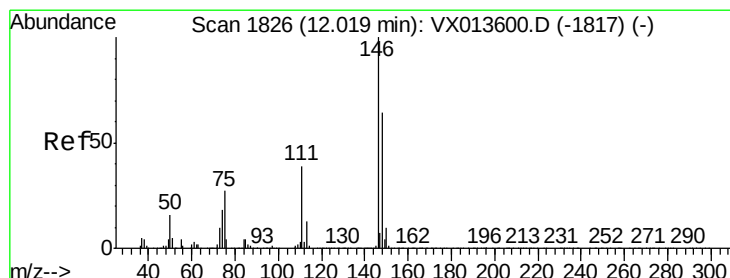
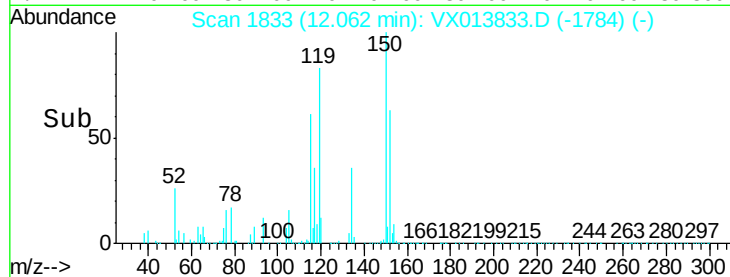
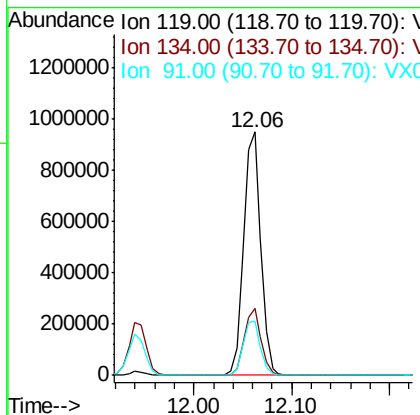
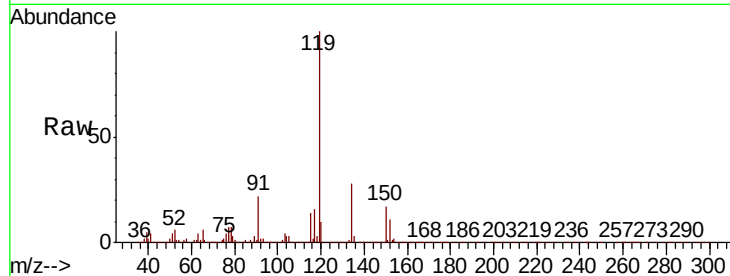
#86
 p-Isopropyltoluene
 Concen: 47.902 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.9
91	22.5	11.3	33.8

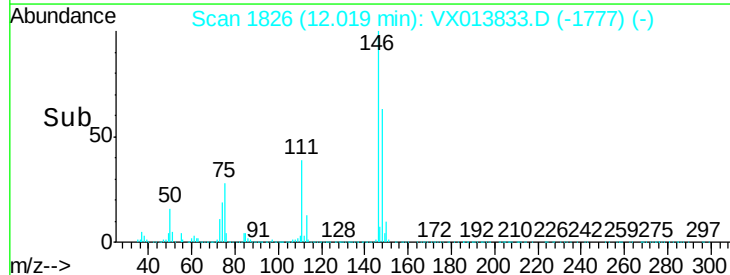
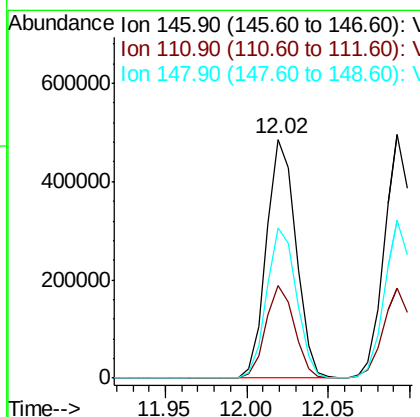
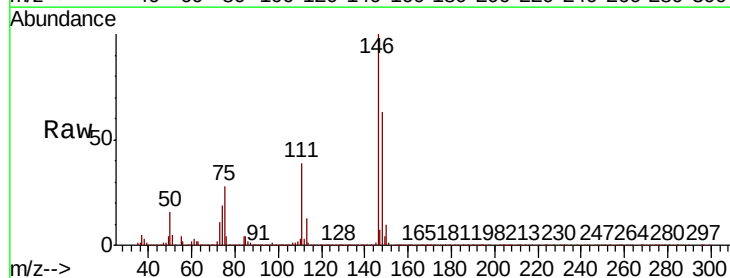
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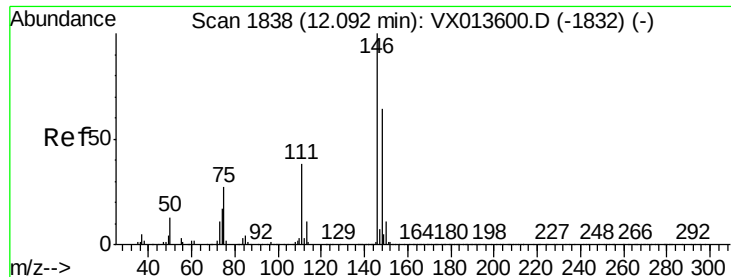
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#87
 1,3-Dichlorobenzene
 Concen: 47.624 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.4	31.8	95.4





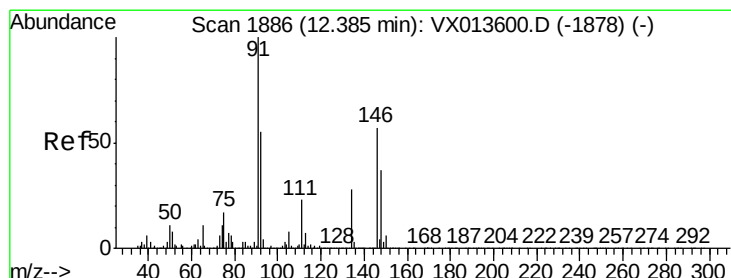
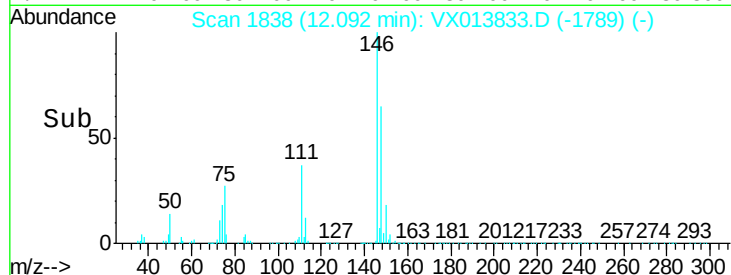
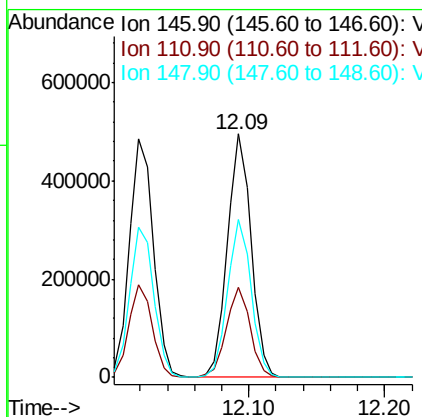
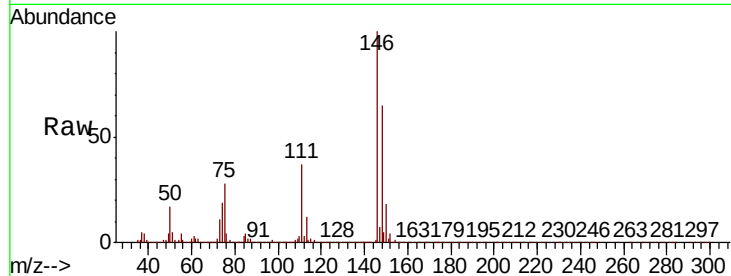
#88
 1,4-Dichlorobenzene
 Concen: 46.286 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion:	146	Resp:	599945
Ion Ratio		Lower	Upper
146	100		
111	37.1	18.9	56.9
148	64.4	31.9	95.5

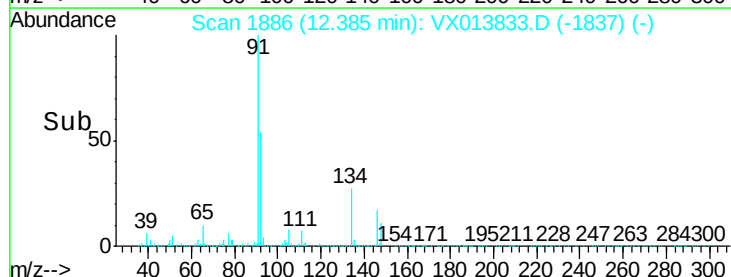
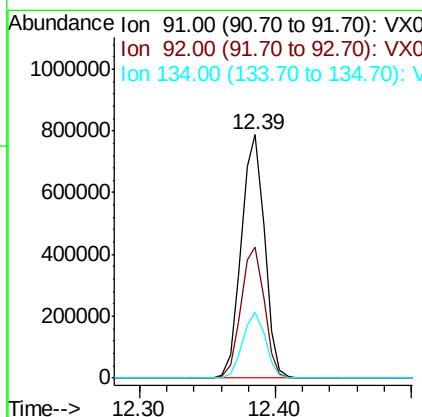
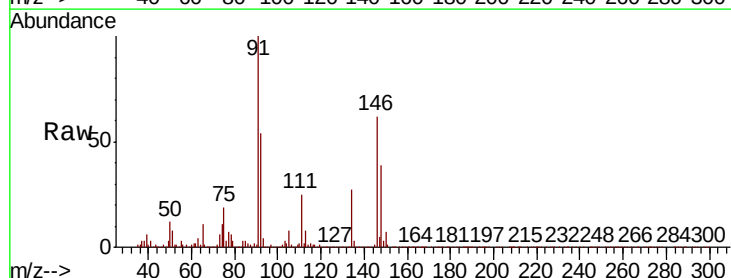
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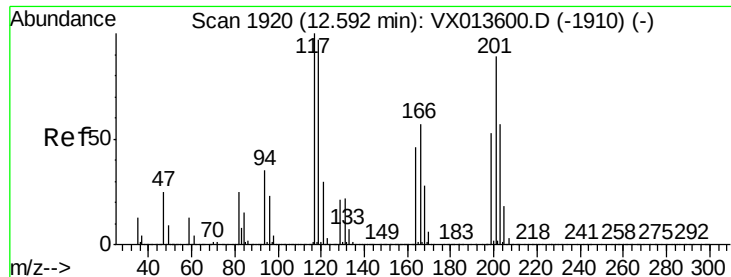
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#89
 n-Butylbenzene
 Concen: 46.057 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion:	91	Resp:	939521
Ion Ratio		Lower	Upper
91	100		
92	54.1	27.4	82.2
134	26.6	13.5	40.4





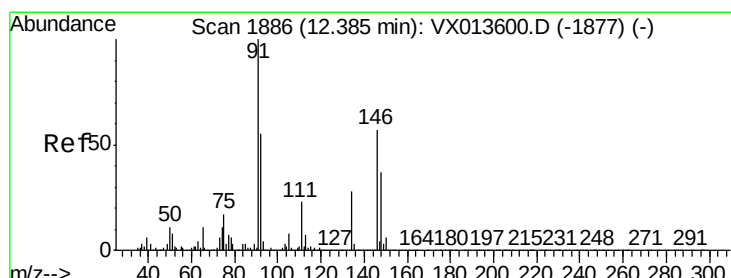
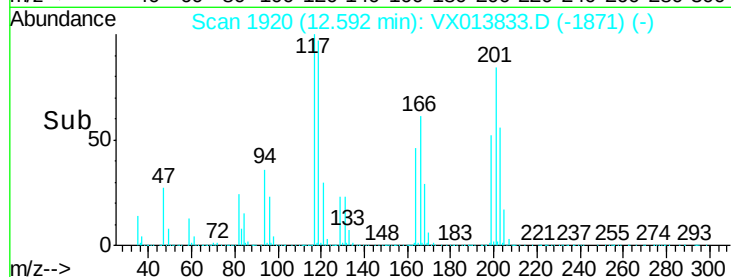
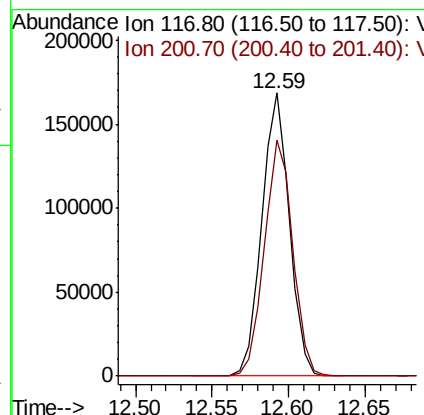
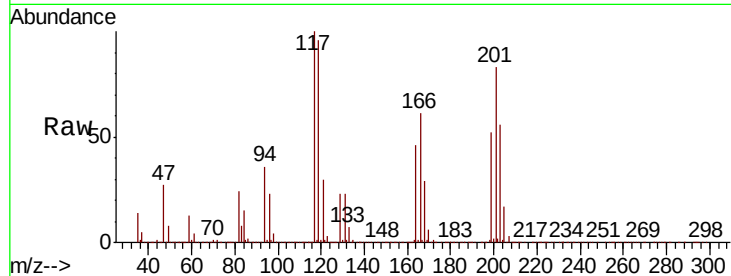
#90
Hexachloroethane
Concen: 49.039 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	212001		
201	86.1	44.1	132.4	

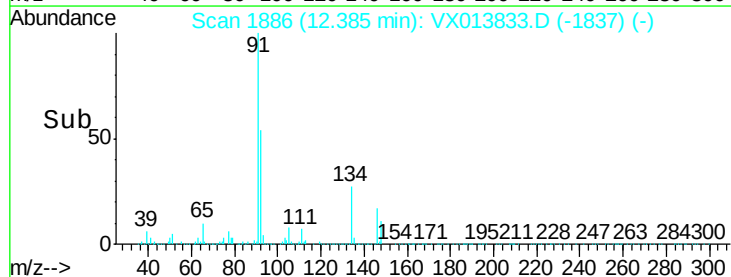
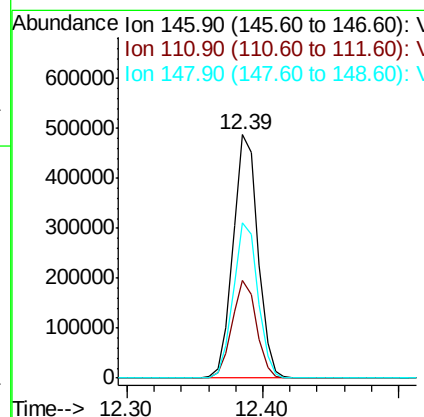
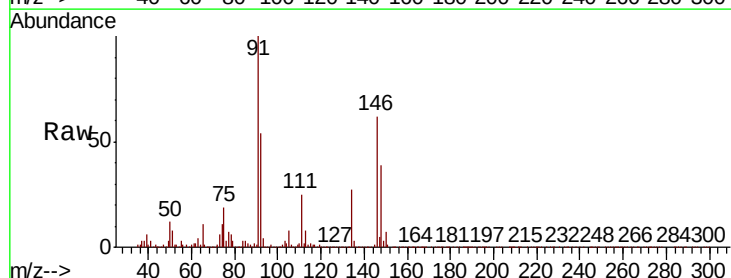
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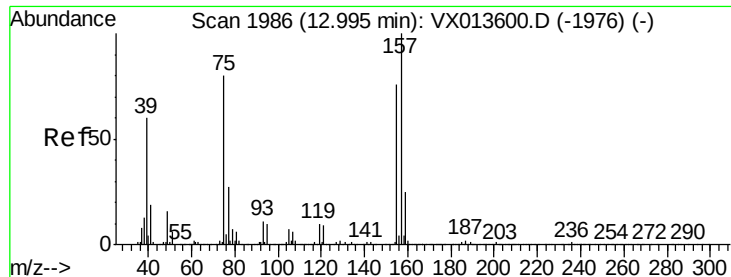
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#91
1,2-Dichlorobenzene
Concen: 48.977 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013833.D
Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	615799		
111	39.5	19.6	58.7	
148	63.5	31.9	95.7	





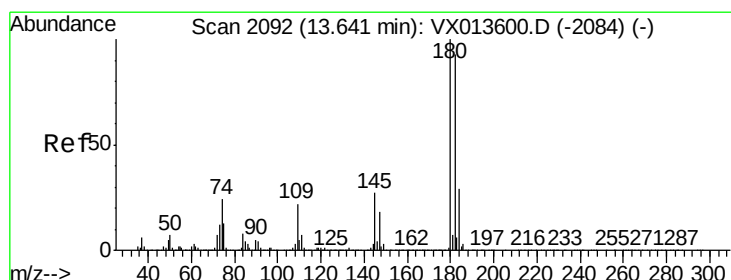
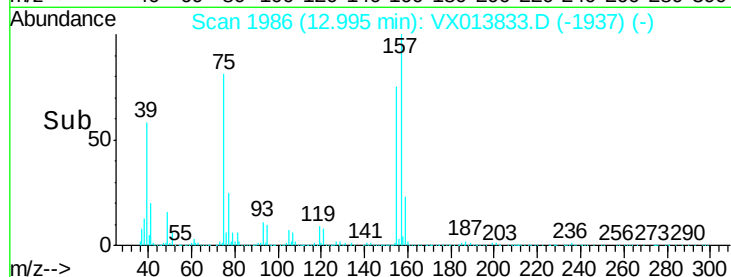
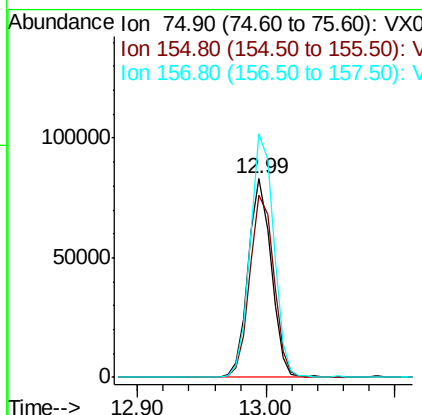
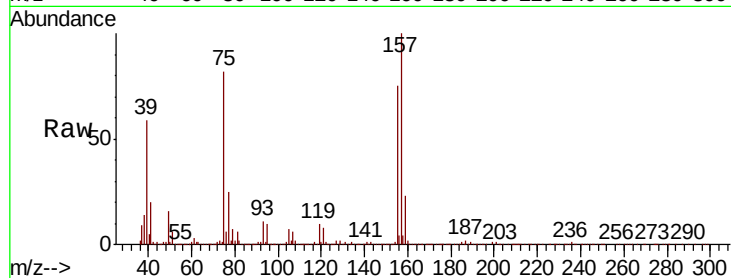
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.864 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.5	47.6	142.8
157	126.1	62.1	186.2

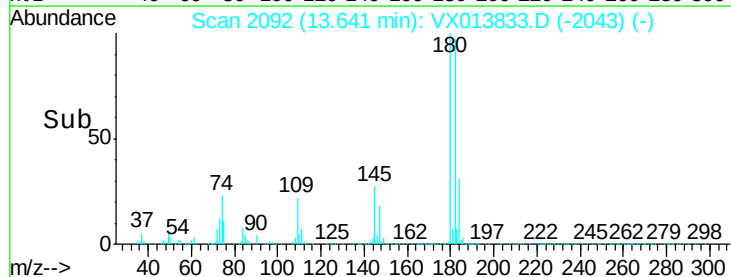
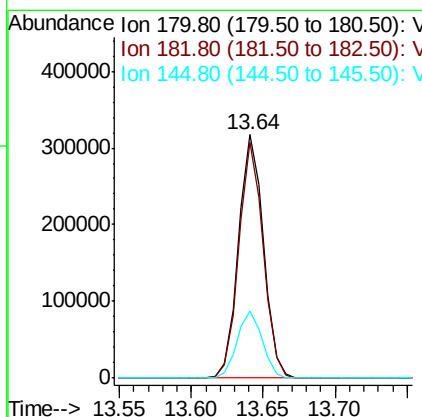
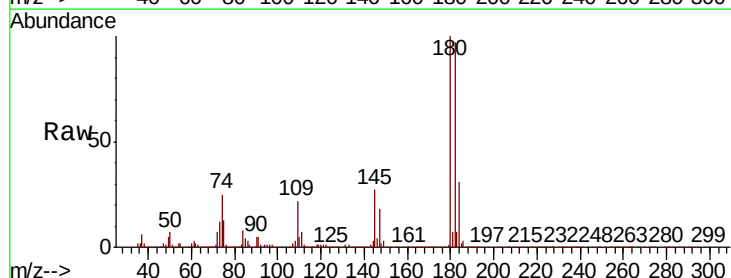
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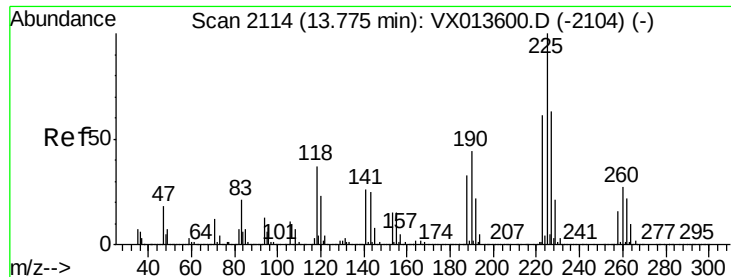
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#93
 1,2,4-Trichlorobenzene
 Concen: 43.615 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.2	141.6
145	28.1	13.8	41.4





#94

Hexachlorobutadiene

Concen: 41.291 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013833.D

Acq: 07 Dec 2019 05:04

Instrument :

MSVOA_X

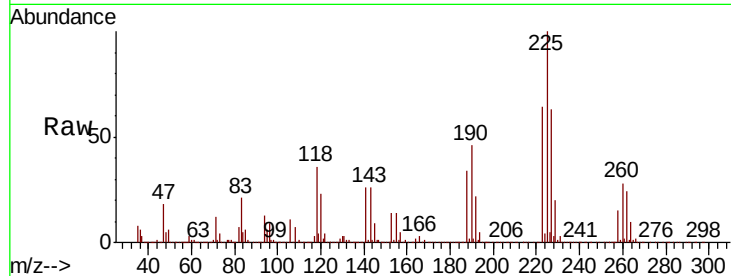
ClientSampleId :

RE131D2-20191204MS

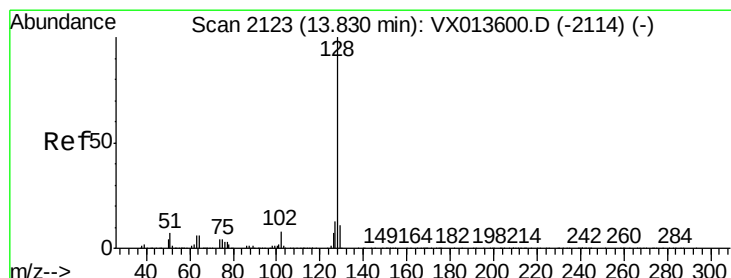
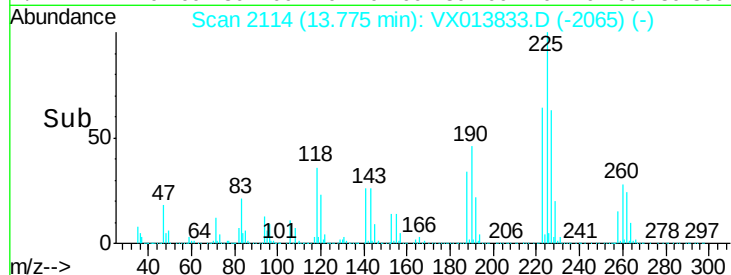
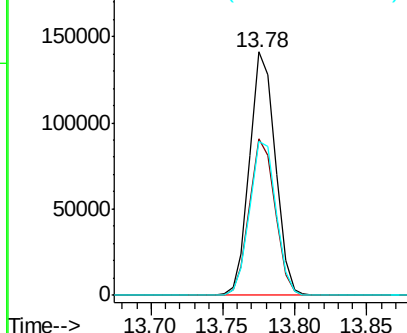
Tot Ion:	225	Resp:	173810
Ion Ratio		Lower	Upper
225	100		
223	64.2	31.9	95.5
227	65.1	32.1	96.3

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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: 46.792 ug/l

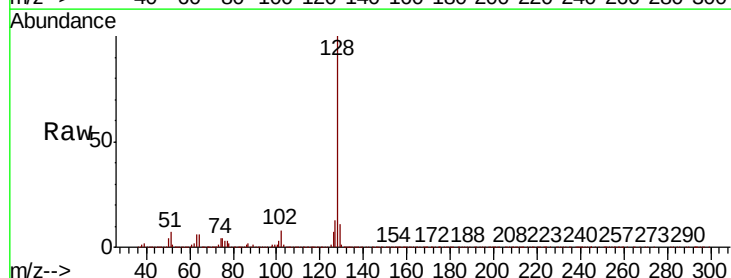
RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

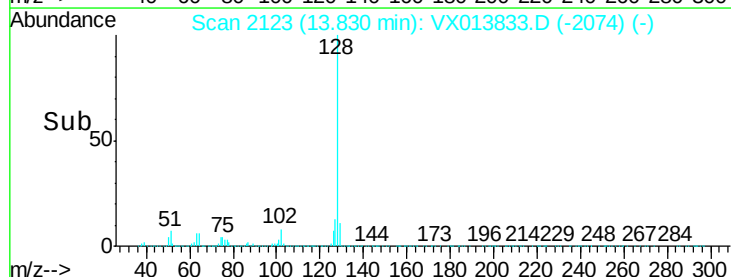
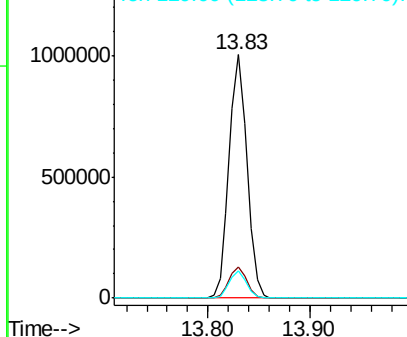
Lab File: VX013833.D

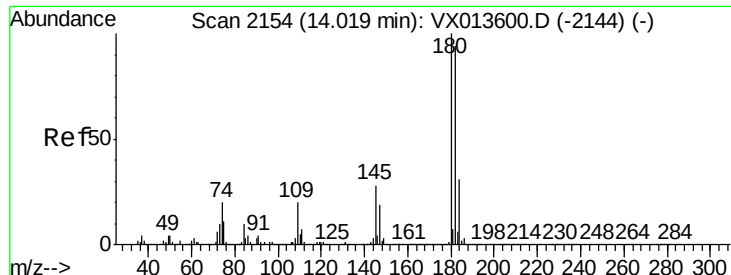
Acq: 07 Dec 2019 05:04

Tgt Ion:	128	Resp:	1221045
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





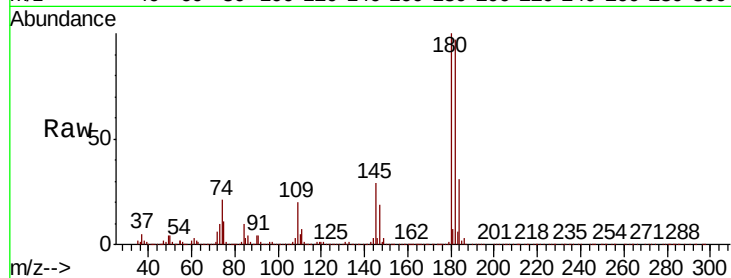
#96
 1,2,3-Trichlorobenzene
 Concen: 45.069 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VX013833.D
 Acq: 07 Dec 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	391020		
182	96.9	47.6	142.8	
145	29.7	15.0	45.0	

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:22 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

