

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013834.D
 Acq On : 07 Dec 2019 05:27
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Manual Integrations
 APPROVED

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 12/9/2019 9:08:25 AM

Quant Time: Dec 07 06:02:54 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	549366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	854155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	773644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	309612	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	262378	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	980095	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.14	95	357503	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	296764	48.532	ug/l	99
3) Chloromethane	1.32	50	332269	48.427	ug/l	100
4) Vinyl Chloride	1.40	62	393059	50.898	ug/l	100
5) Bromomethane	1.63	94	246607	47.551	ug/l	98
6) Chloroethane	1.70	64	218389	49.697	ug/l	98
7) Trichlorofluoromethane	1.92	101	417220	48.655	ug/l	99
8) Diethyl Ether	2.18	74	196695	50.702	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1328340	253.609	ug/l	98
10) Methyl Iodide	2.50	142	326043	51.460	ug/l	100
11) Tert butyl alcohol	3.04	59	420563	267.190	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274066	52.421	ug/l	96
13) Acrolein	2.28	56	312889	296.101	ug/l	100
14) Allyl chloride	2.72	41	457724	48.243	ug/l	99
15) Acrylonitrile	3.13	53	855355	263.262	ug/l	99
16) Acetone	2.44	43	750141	238.264	ug/l	99
17) Carbon Disulfide	2.56	76	663998	44.552	ug/l	100
18) Methyl Acetate	2.76	43	441462	50.355	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	891554	51.476	ug/l	98
20) Methylene Chloride	2.84	84	299527	49.521	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	277954	48.802	ug/l	98
22) Diisopropyl ether	3.84	45	962571	52.689	ug/l	98
23) Vinyl Acetate	3.80	43	3451110	227.077	ug/l	100
24) 1,1-Dichloroethane	3.69	63	518667	51.934	ug/l	99
25) 2-Butanone	4.66	43	1215675	259.812	ug/l	98
26) 2,2-Dichloropropane	4.58	77	267136	32.329	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	362706	55.454	ug/l	95
28) Bromochloromethane	5.00	49	212168	53.760	ug/l	98
29) Tetrahydrofuran	5.11	42	785977	272.484	ug/l	99
30) Chloroform	5.20	83	508762	50.231	ug/l	97
31) Cyclohexane	5.57	56	446352	47.384	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	427562	50.516	ug/l	99
36) 1,1-Dichloropropene	5.79	75	378565	48.824	ug/l	99
37) Ethyl Acetate	4.82	43	407053	46.797	ug/l	99
38) Carbon Tetrachloride	5.78	117	362909	50.760	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	440946	46.008	ug/l	98
40) Benzene	6.14	78	1180892	50.006	ug/l	99
41) Methacrylonitrile	5.03	41	266948	55.960	ug/l	97
42) 1,2-Dichloroethane	6.18	62	411643	51.113	ug/l	99
43) Isopropyl Acetate	6.43	43	686705	47.954	ug/l	100
44) Trichloroethene	7.21	130	1065547	164.410	ug/l	98
45) 1,2-Dichloropropane	7.51	63	308563	52.225	ug/l	98
46) Dibromomethane	7.65	93	202811	50.541	ug/l	98
47) Bromodichloromethane	7.89	83	393247	51.838	ug/l	99
48) Methyl methacrylate	7.76	41	368975	53.030	ug/l	99
49) 1,4-Dioxane	7.73	88	175707	1128.182	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2409908	267.537	ug/l	100
52) Toluene	8.78	92	734913	50.095	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	406602	47.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	456865	48.429	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	308504	52.183	ug/l	98
56) Ethyl methacrylate	9.17	69	501836	52.798	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515356	50.574	ug/l	100
59) 2-Hexanone	9.49	43	1871825	266.438	ug/l	99
60) Dibromochloromethane	9.58	129	320492	52.237	ug/l	99
61) 1,2-Dibromoethane	9.67	107	320551	50.767	ug/l	99
64) Tetrachloroethene	9.33	164	356299	61.757	ug/l	98
65) Chlorobenzene	10.14	112	792306	49.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298415	51.737	ug/l	100
67) Ethyl Benzene	10.25	91	1383478	50.123	ug/l	97
68) m/p-Xylenes	10.35	106	1057550	100.077	ug/l	100
69) o-Xylene	10.70	106	522264	50.674	ug/l	99
70) Stvrene	10.71	104	890417	51.359	ug/l	99
71) Bromoform	10.85	173	252165	52.838	ug/l #	100
73) Isopropylbenzene	11.01	105	1360280	50.558	ug/l	100
74) N-amyl acetate	10.89	43	584444	47.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	500014	53.588	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	447952m	51.924	ug/l	
77) Bromobenzene	11.25	156	364976	50.213	ug/l	99
78) n-propylbenzene	11.35	91	1514217	50.415	ug/l	100
79) 2-Chlorotoluene	11.42	91	907549	50.372	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1126915	51.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	139936	44.377	ug/l	100
82) 4-Chlorotoluene	11.51	91	1035439	49.619	ug/l	100
83) tert-Butylbenzene	11.77	119	1150660	51.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1126200	50.322	ug/l	99
85) sec-Butylbenzene	11.94	105	1288481	50.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	1187099	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	623945	49.244	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	619359	47.991	ug/l	99
89) n-Butylbenzene	12.39	91	967393	47.630	ug/l	100
90) Hexachloroethane	12.59	117	217182	50.456	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	629305	50.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	108238	53.269	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	397844	45.600	ug/l	99

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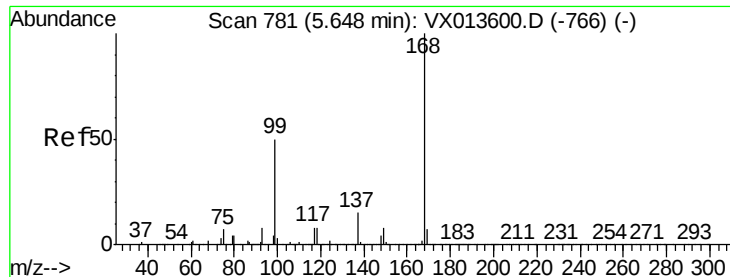
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	182936	43.648	ug/l	99
95) Naphthalene	13.83	128	1257352	48.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	402838	46.633	ug/l	98

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



#1

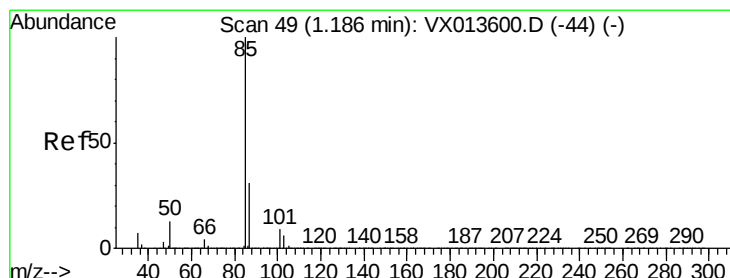
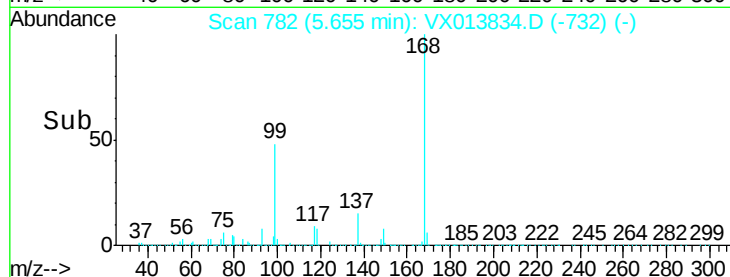
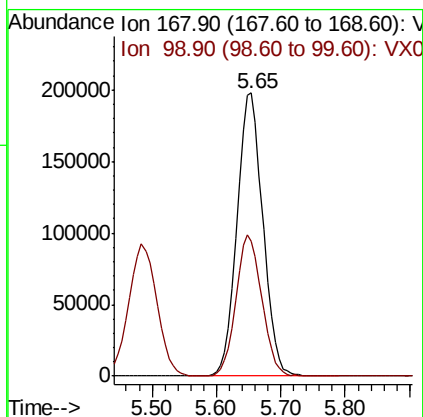
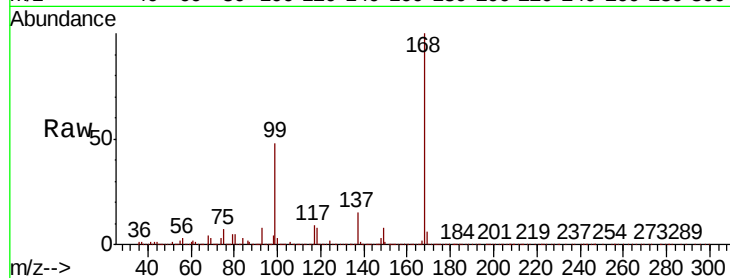
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.8	59.8

Manual Integrations
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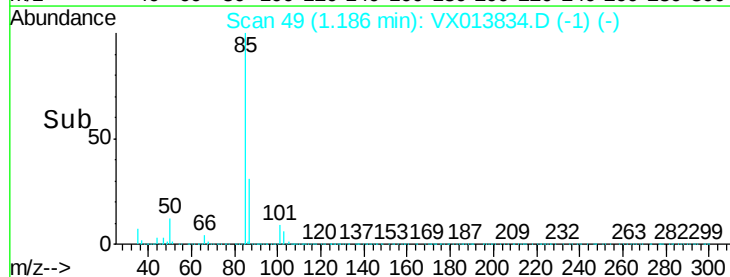
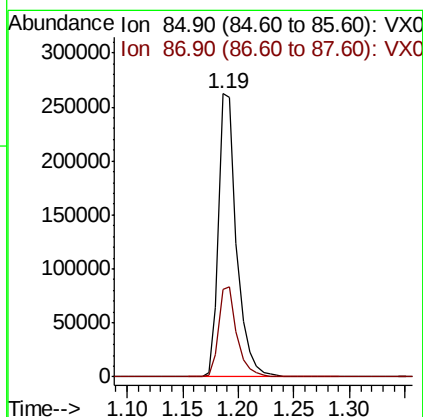
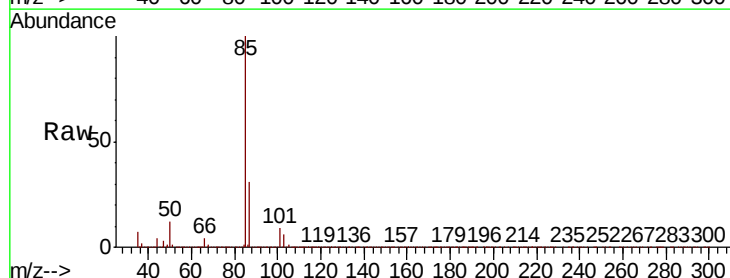
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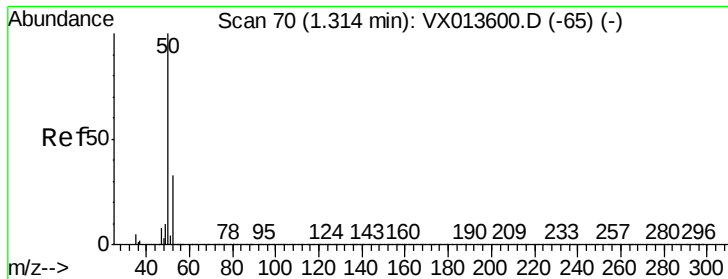


#2

Dichlorodifluoromethane
 Concen: 48.532 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	15.7	47.1





#3

Chloromethane

Concen: 48.427 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 50 Resp: 332269

Ion Ratio Lower Upper

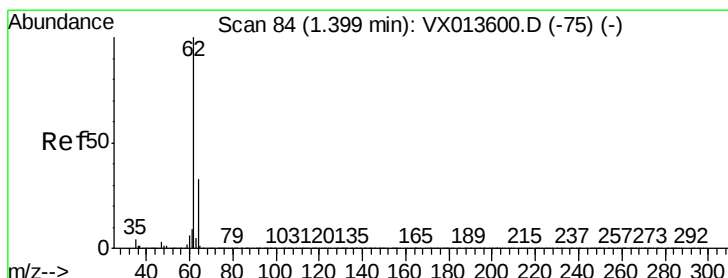
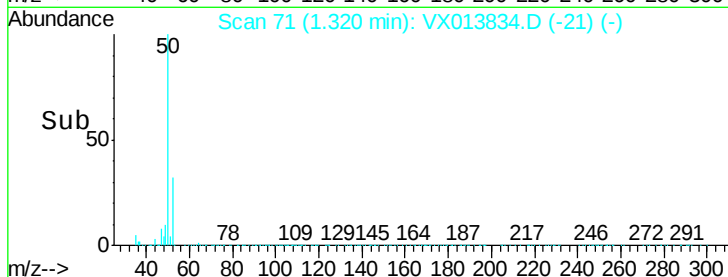
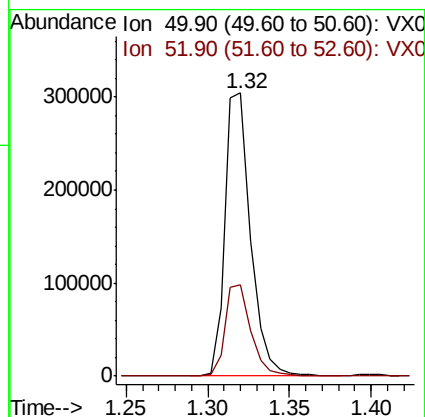
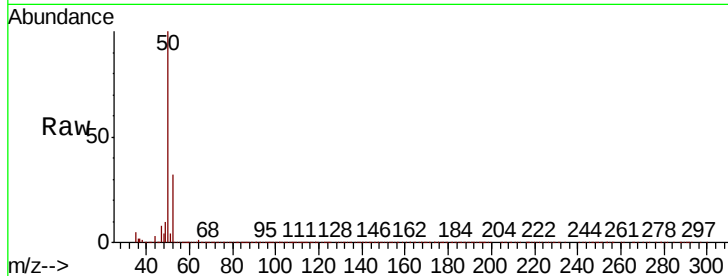
50 100

52 32.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.898 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013834.D

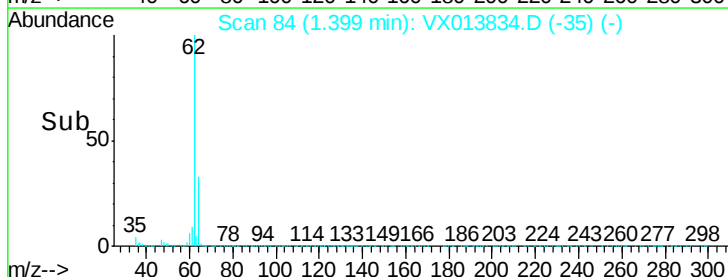
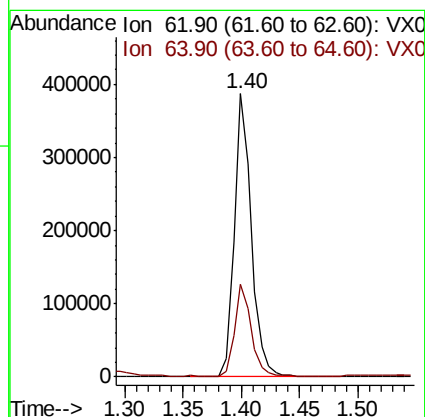
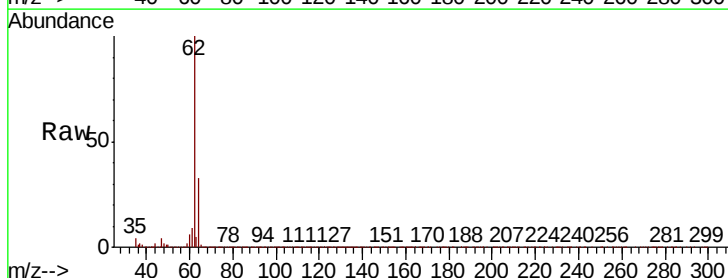
Acq: 07 Dec 2019 05:27

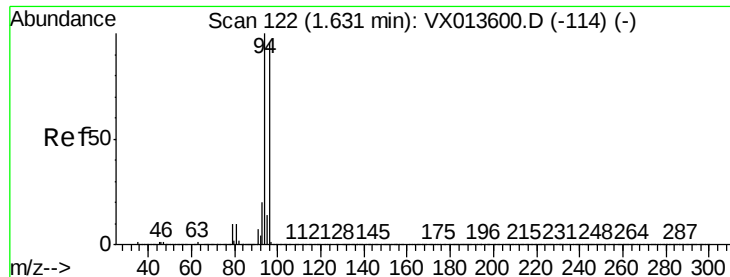
Tgt Ion: 62 Resp: 393059

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 47.551 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 94 Resp: 246607

Ion Ratio Lower Upper

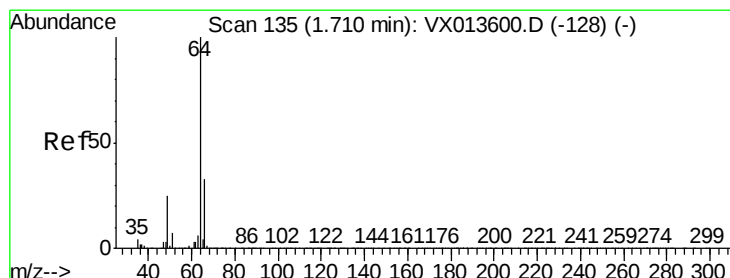
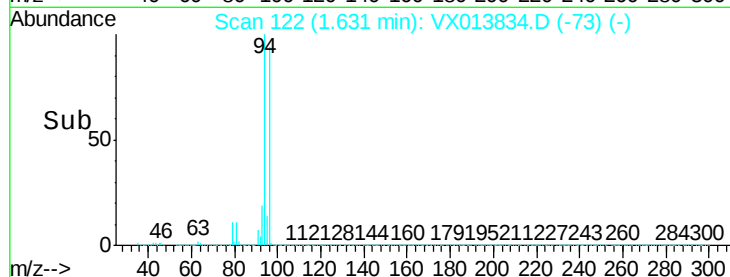
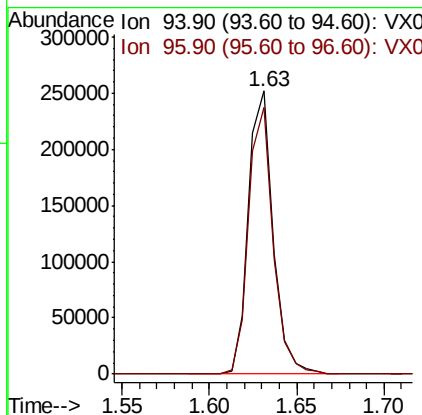
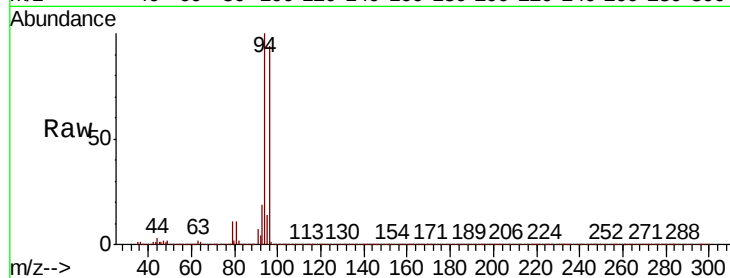
94 100

96 94.1 77.0 115.4

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#6

Chloroethane

Concen: 49.697 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013834.D

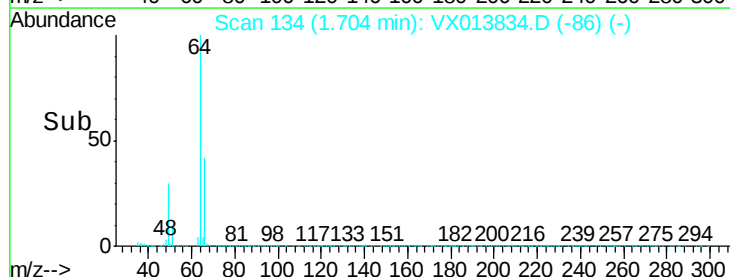
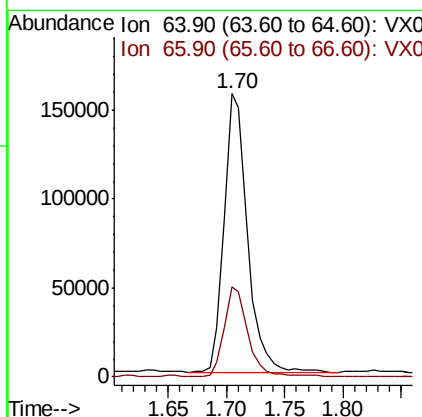
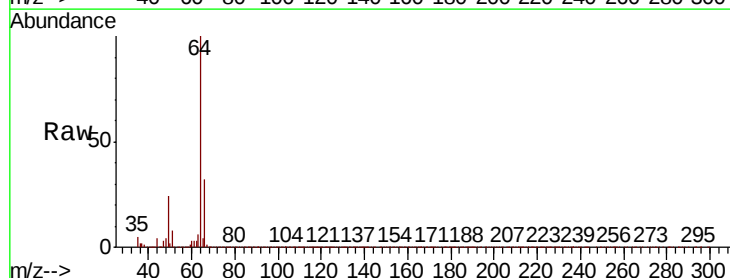
Acq: 07 Dec 2019 05:27

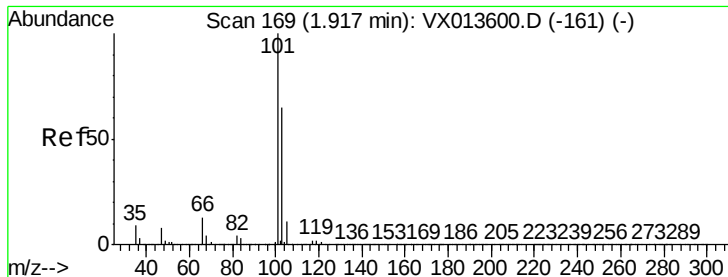
Tgt Ion: 64 Resp: 218389

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1





#7

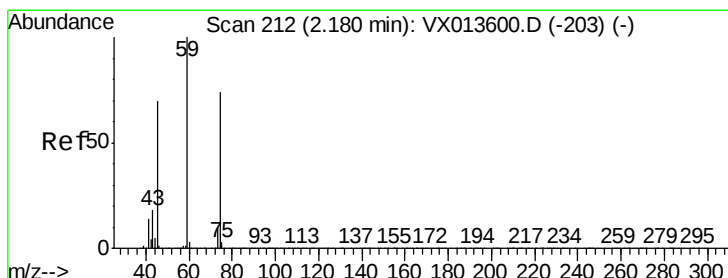
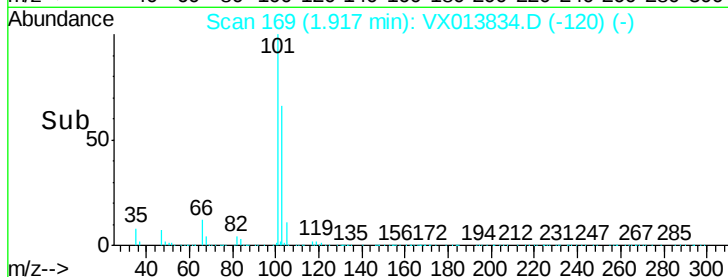
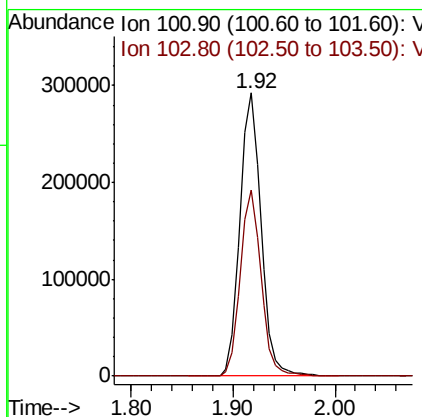
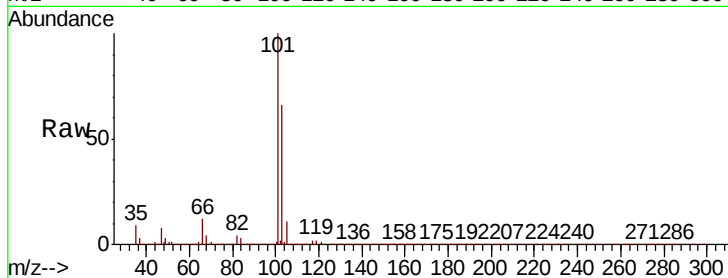
Trichlorofluoromethane
Concen: 48.655 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
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ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.6

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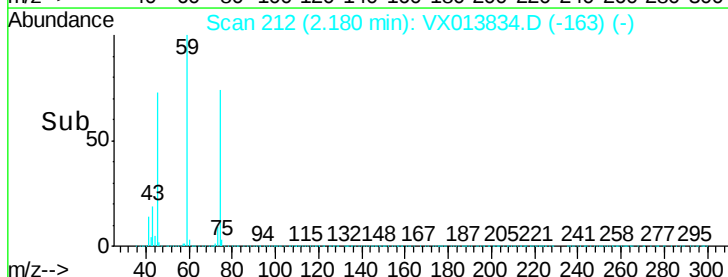
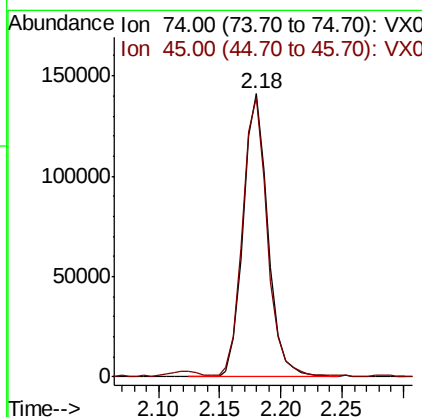
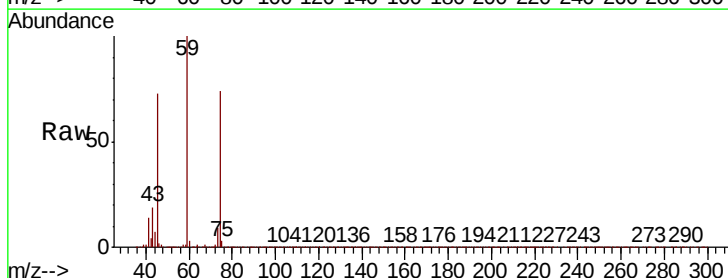
apatel
12/9/2019 9:08:25 AM

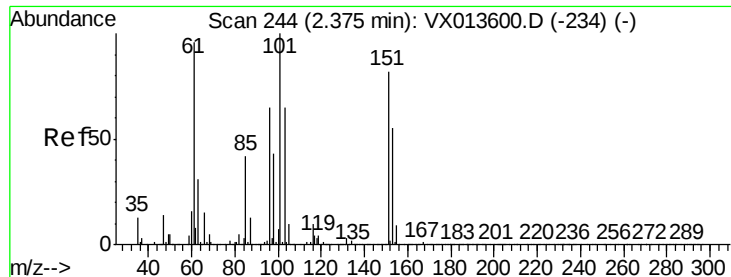


#8

Diethyl Ether
Concen: 50.702 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 253.609 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

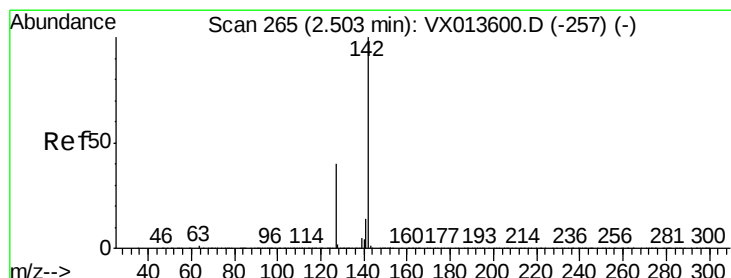
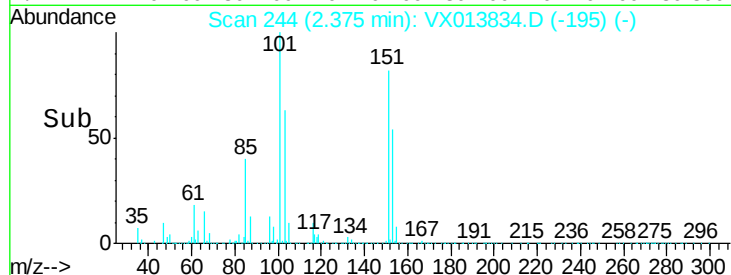
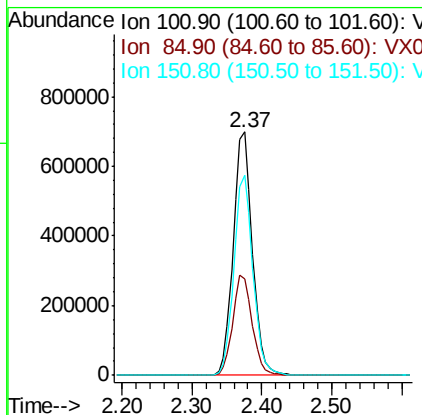
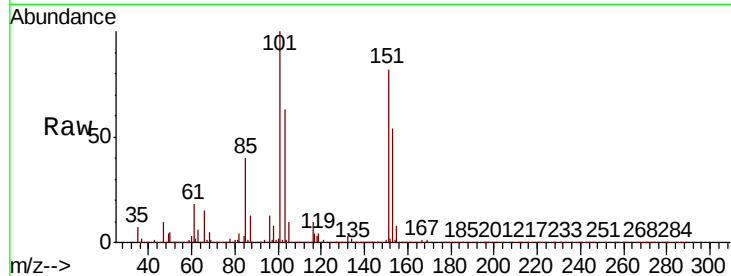
ClientSampleId :

RE131D2-20191204MSD

Tot Ion:	101	Resp:	1328340
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.9	50.9
151	82.0	64.2	96.2

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#10

Methyl Iodide

Concen: 51.460 ug/l

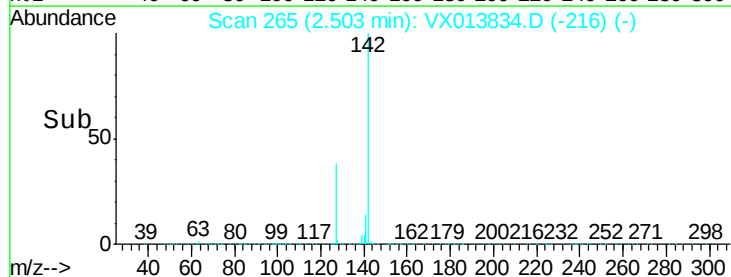
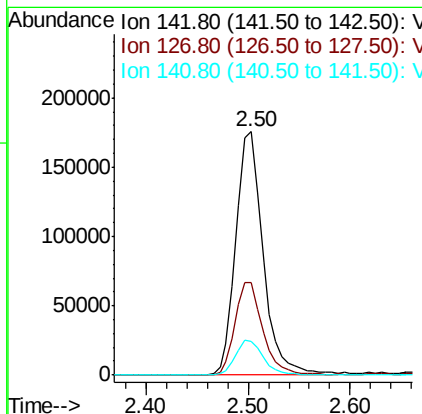
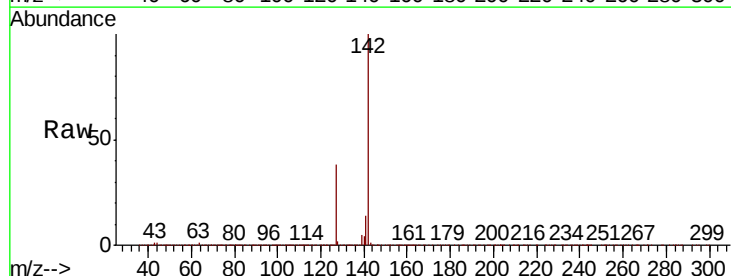
RT: 2.50 min Scan# 265

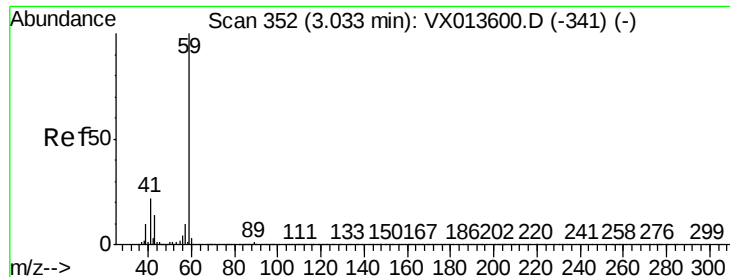
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion:	142	Resp:	326043
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.0	46.4
141	14.6	11.6	17.4





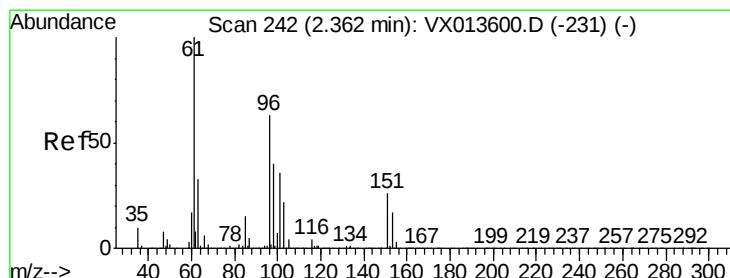
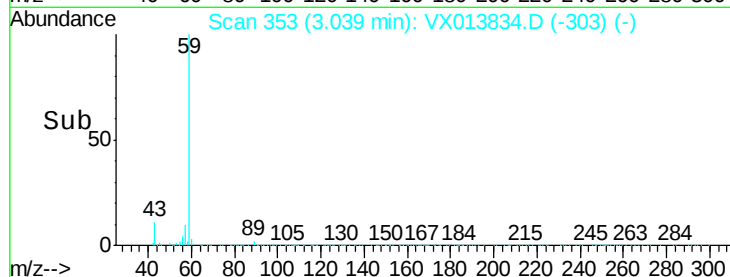
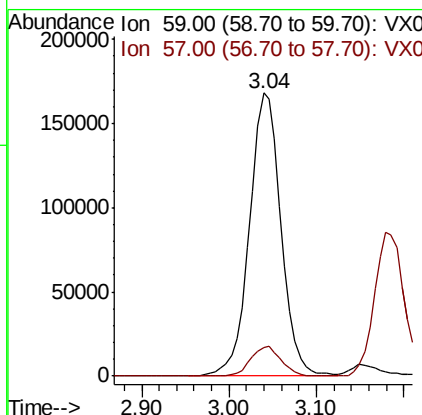
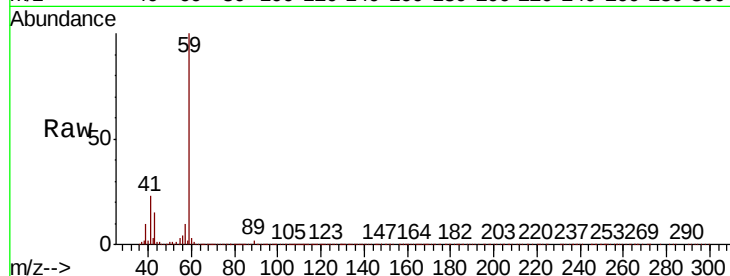
#11
Tert butyl alcohol
Concen: 267.190 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

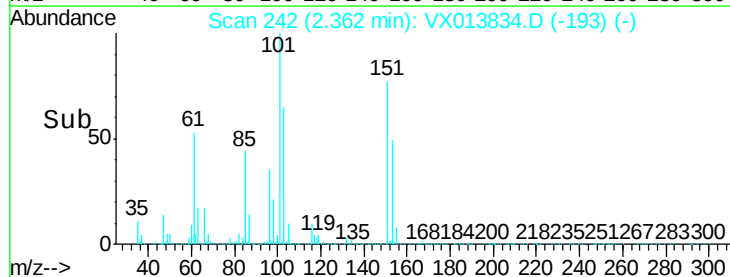
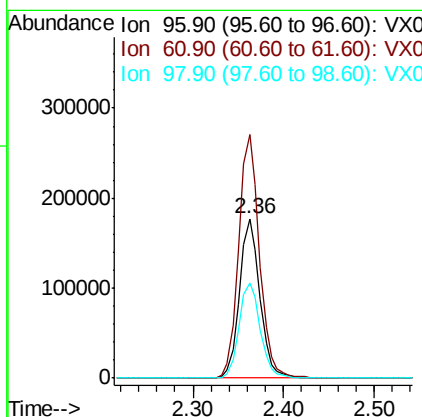
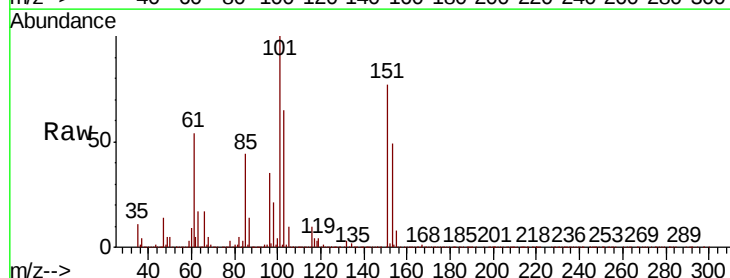
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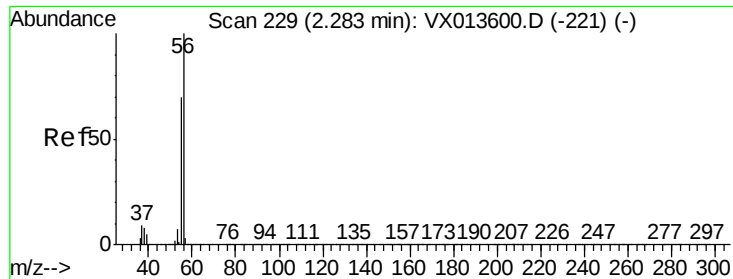
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#12
1,1-Dichloroethene
Concen: 52.421 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	126.6	190.0
98	59.9	50.6	76.0





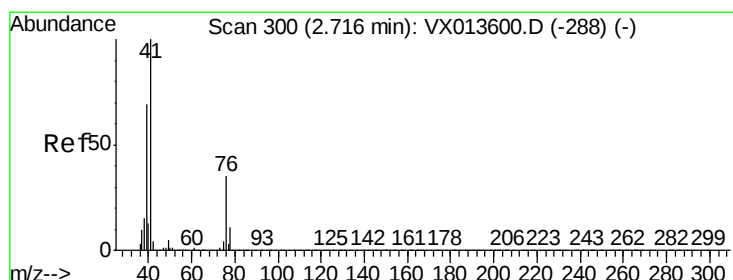
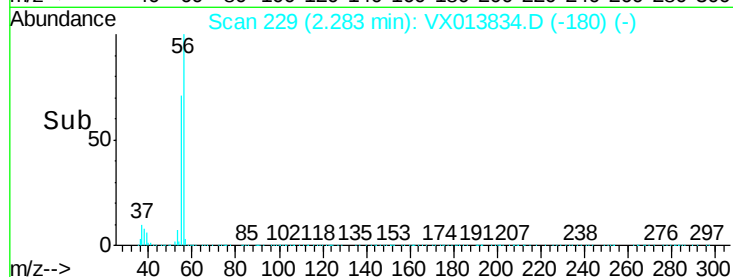
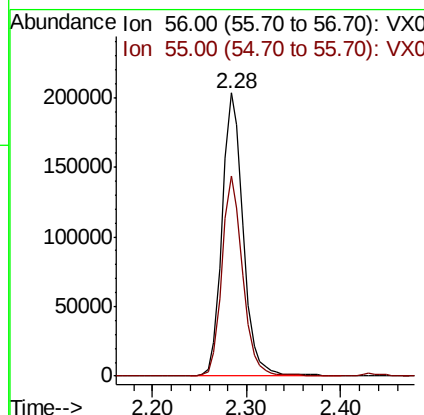
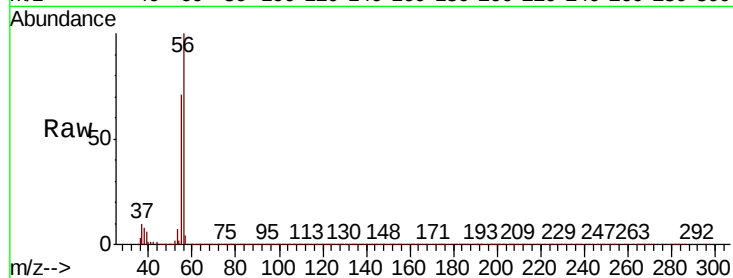
#13
Acrolein
Concen: 296.101 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.2	84.4

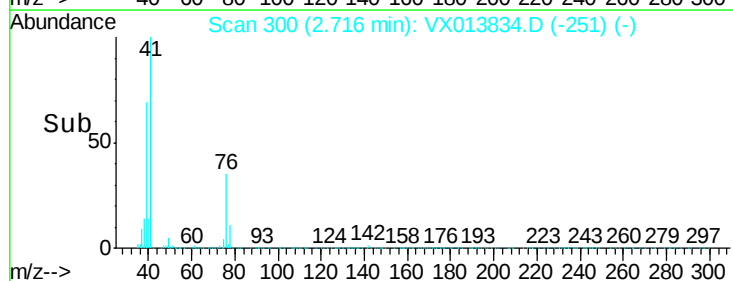
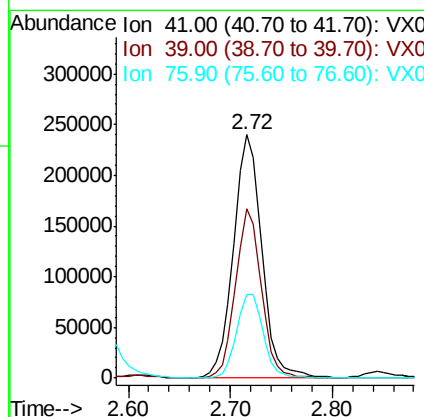
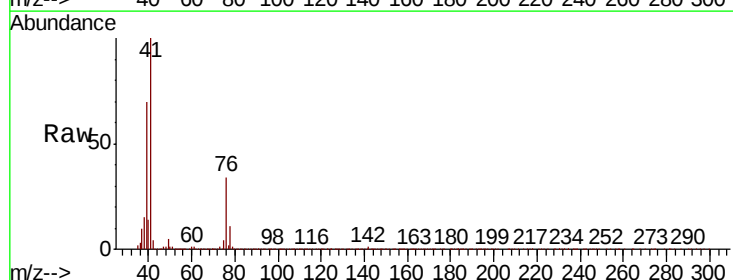
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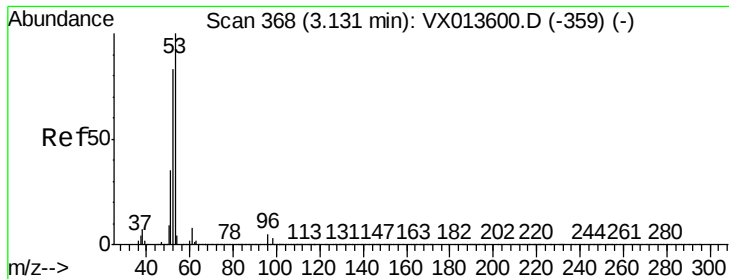
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#14
Allyl chloride
Concen: 48.243 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	51.7	77.5
76	32.7	25.9	38.9





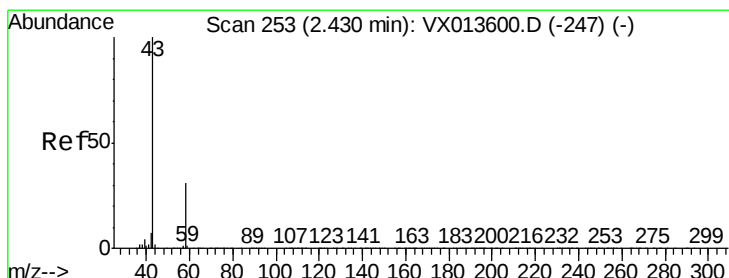
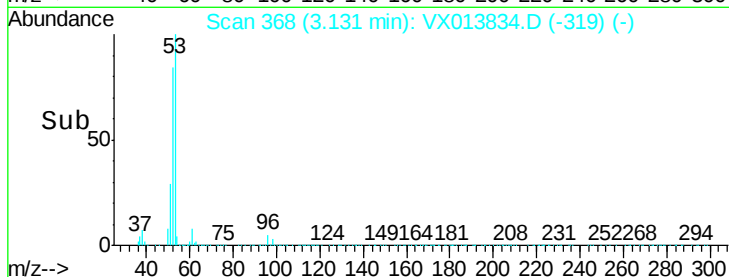
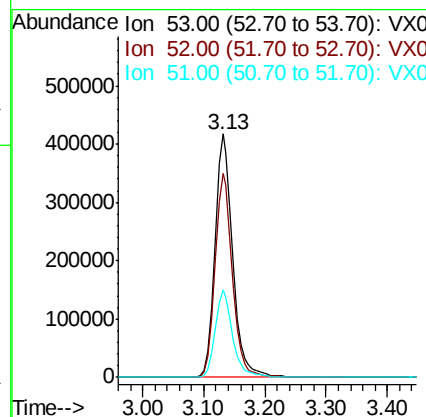
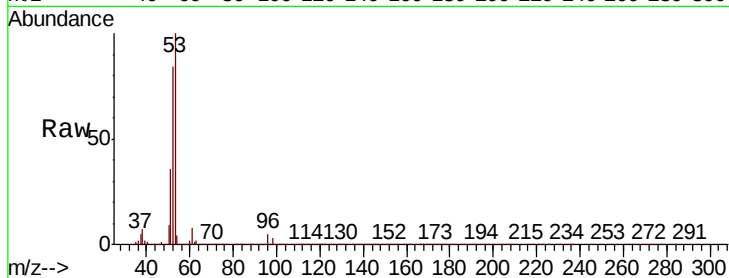
#15
 Acrylonitrile
 Concen: 263.262 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion:	53	Resp:	855355
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.2	99.2
51	35.5	29.0	43.6

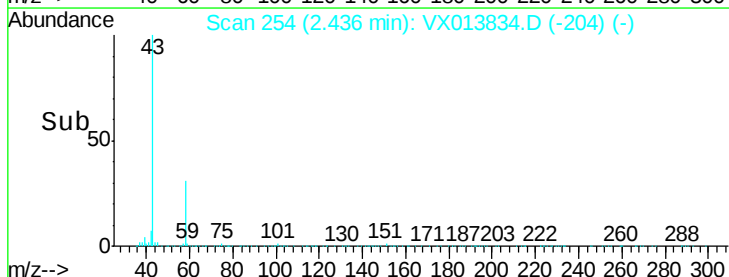
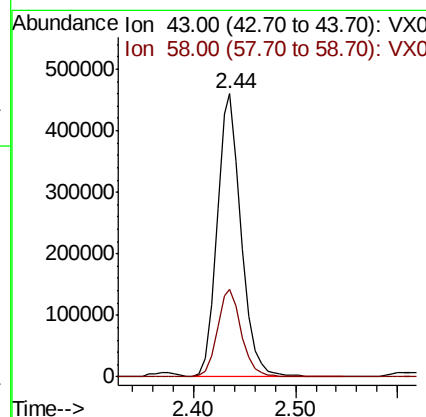
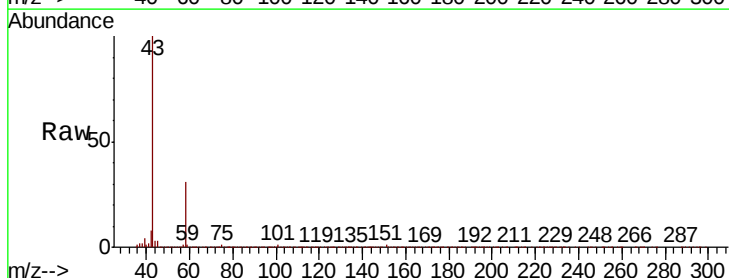
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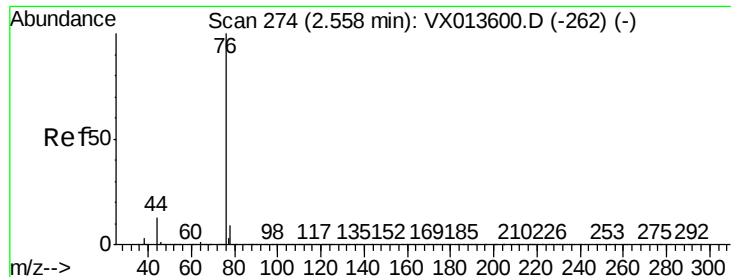
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#16
 Acetone
 Concen: 238.264 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion:	43	Resp:	750141
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	36.8





#17

Carbon Disulfide

Concen: 44.552 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 76 Resp: 663998

Ion Ratio Lower Upper

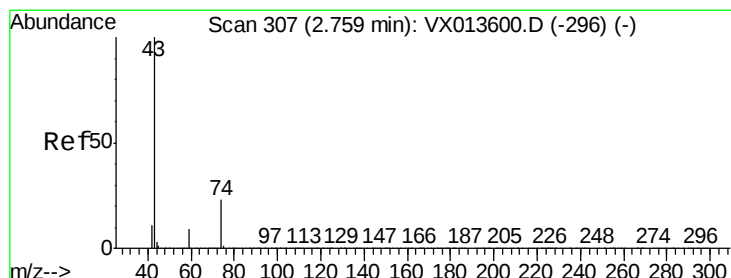
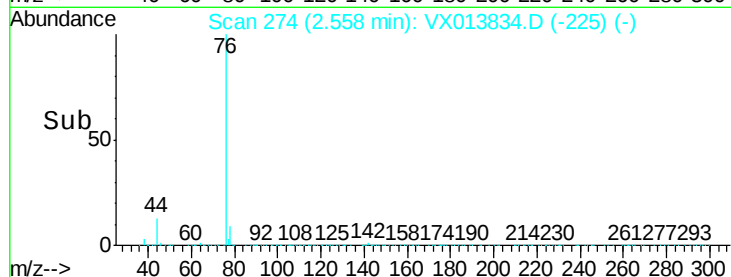
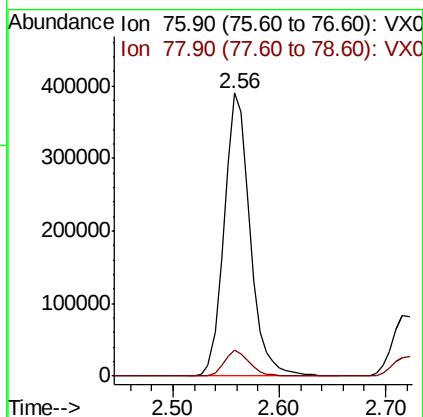
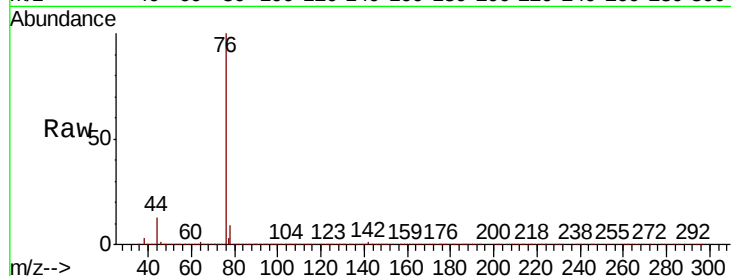
76 100

78 9.1 7.2 10.8

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#18

Methyl Acetate

Concen: 50.355 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013834.D

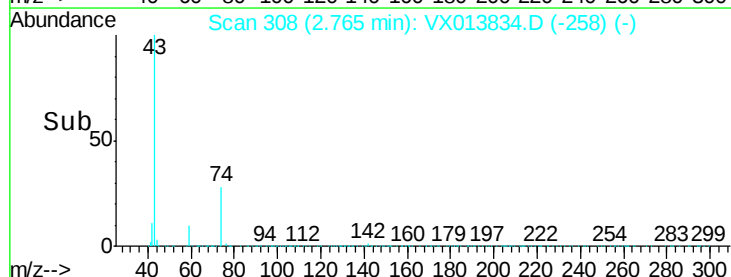
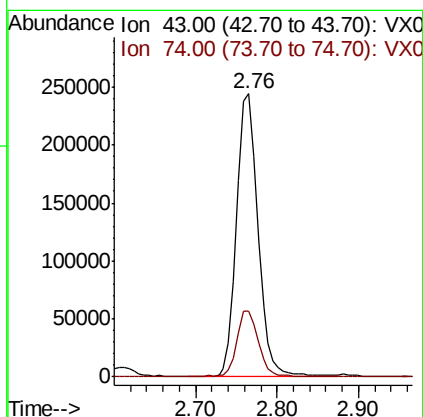
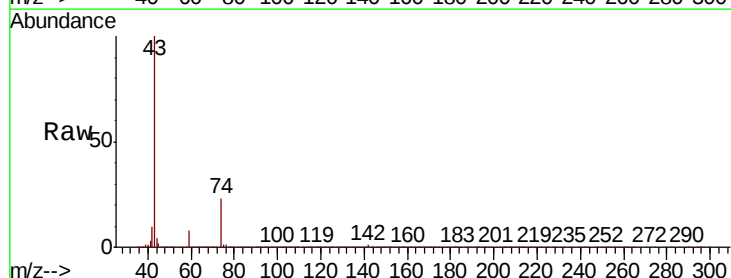
Acq: 07 Dec 2019 05:27

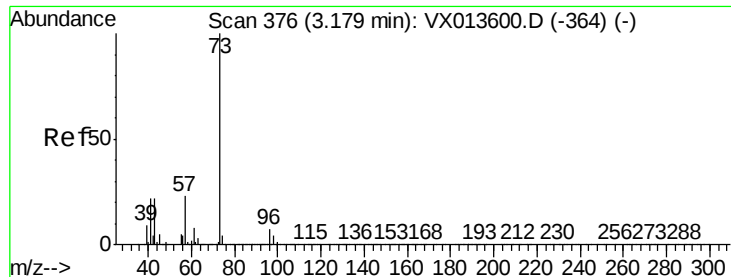
Tgt Ion: 43 Resp: 441462

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3





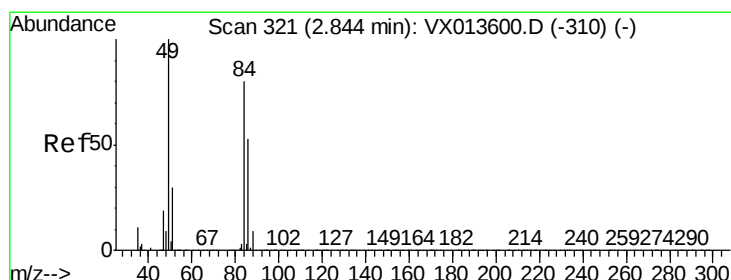
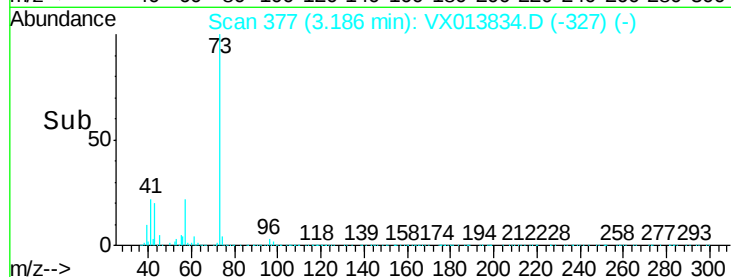
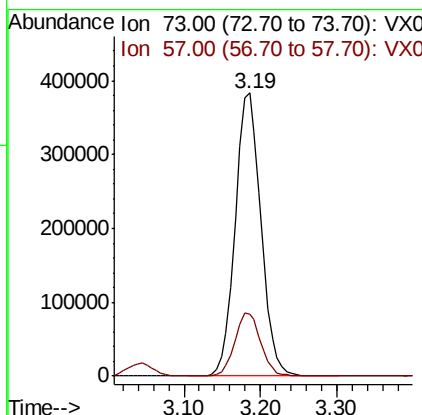
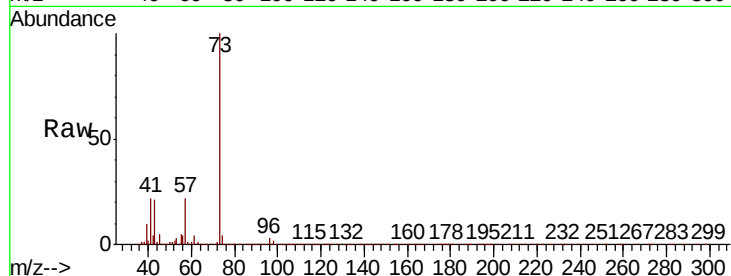
#19
Methyl tert-butyl Ether
Concen: 51.476 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.3	27.5

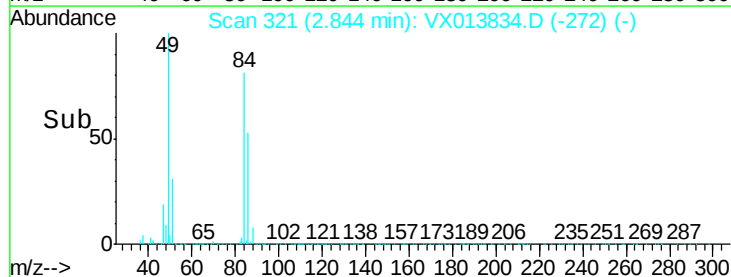
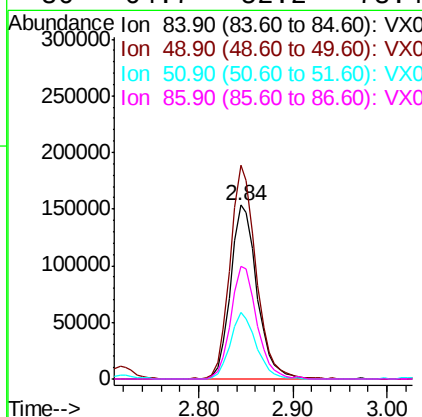
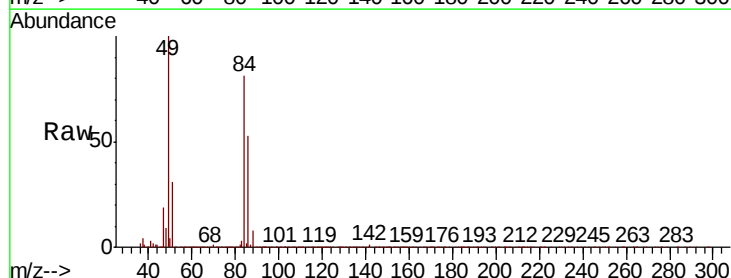
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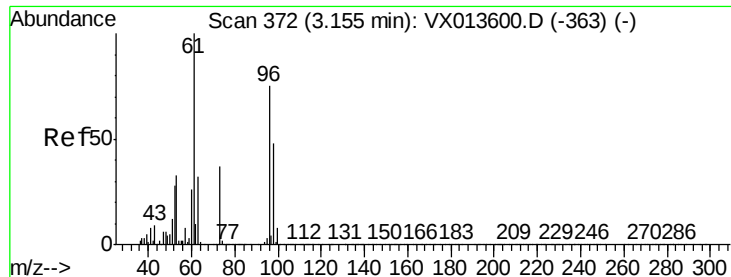
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#20
Methylene Chloride
Concen: 49.521 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	99.7	149.5
51	37.8	29.9	44.9
86	64.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.802 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

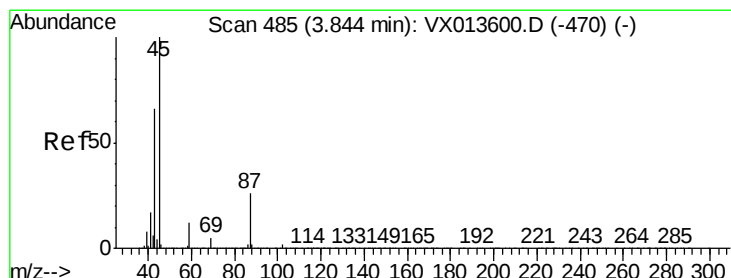
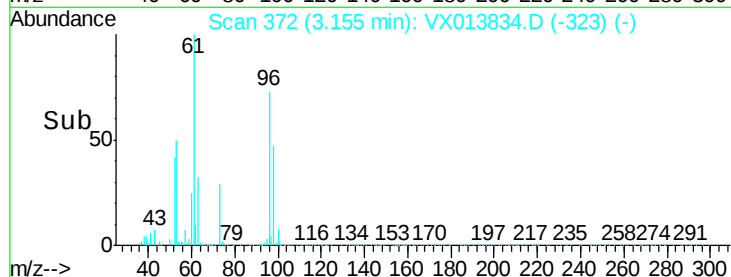
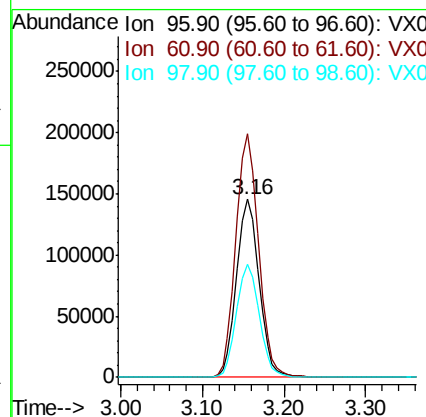
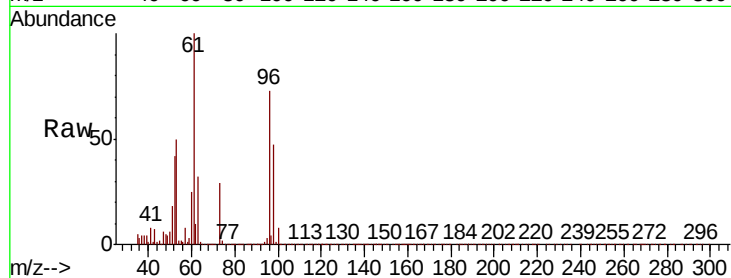
ClientSampleId :

RE131D2-20191204MSD

Tot Ion:	96	Resp:	277954
Ion	Ratio	Lower	Upper
96	100		
61	136.6	107.2	160.8
98	63.8	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.689 ug/l

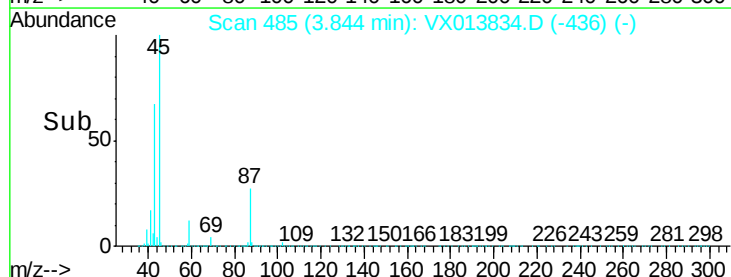
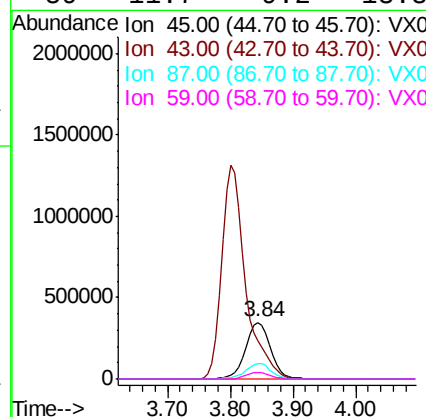
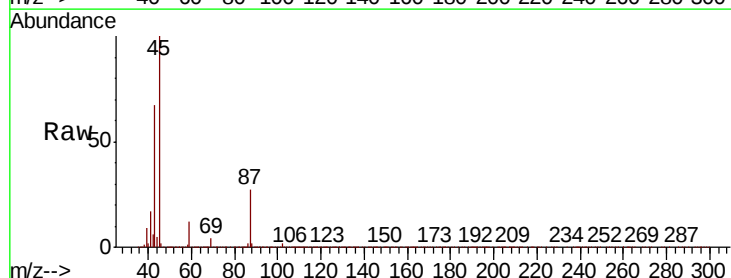
RT: 3.84 min Scan# 485

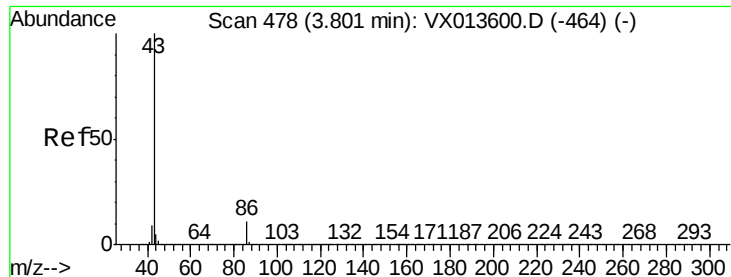
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion:	45	Resp:	962571
Ion	Ratio	Lower	Upper
45	100		
43	67.0	52.6	79.0
87	27.4	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 227.077 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 43 Resp: 3451110

Ion Ratio Lower Upper

43 100

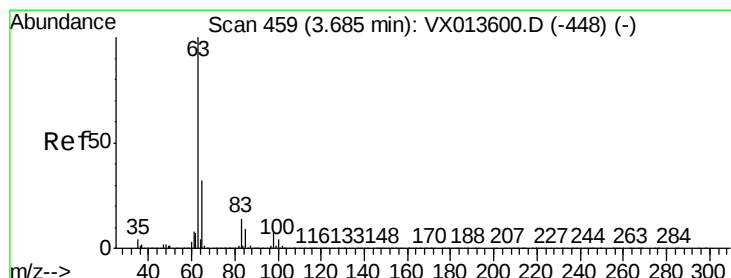
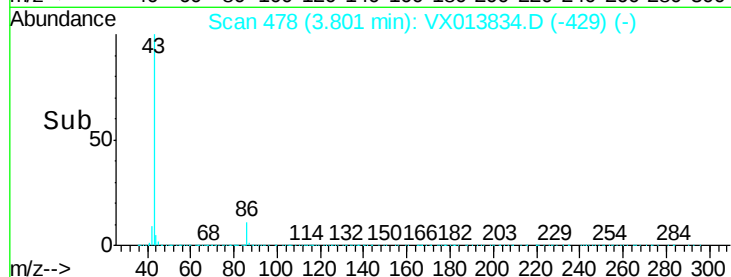
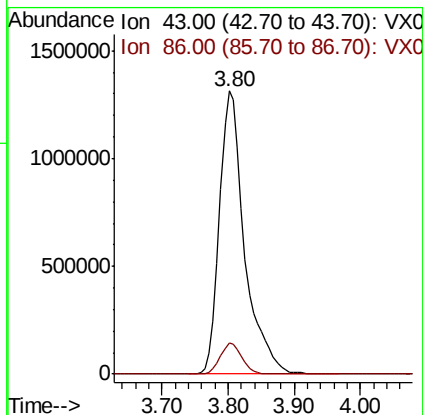
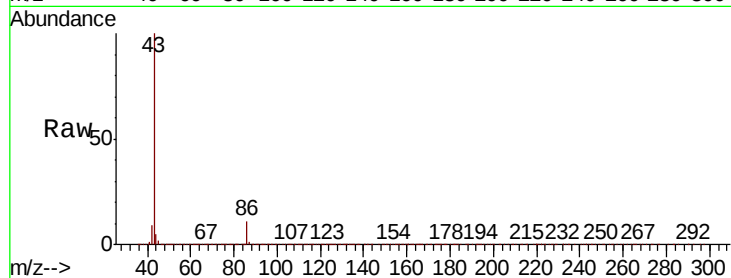
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.934 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

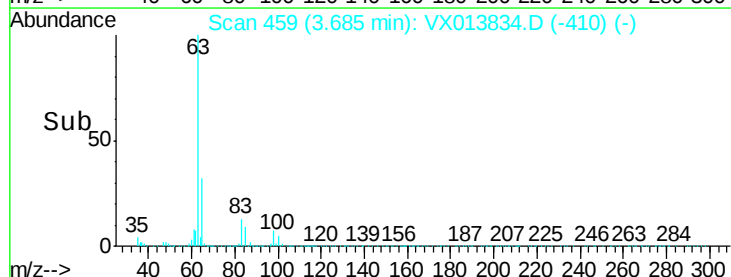
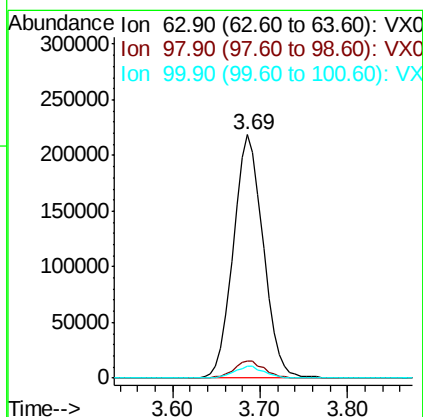
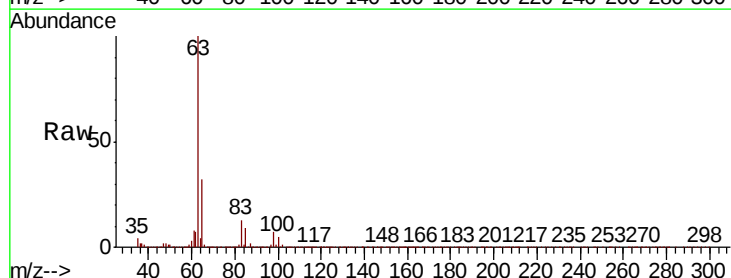
Tgt Ion: 63 Resp: 518667

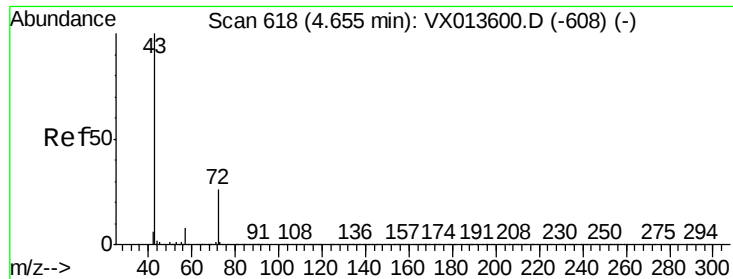
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 259.812 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 43 Resp: 1215675

Ion Ratio Lower Upper

43 100

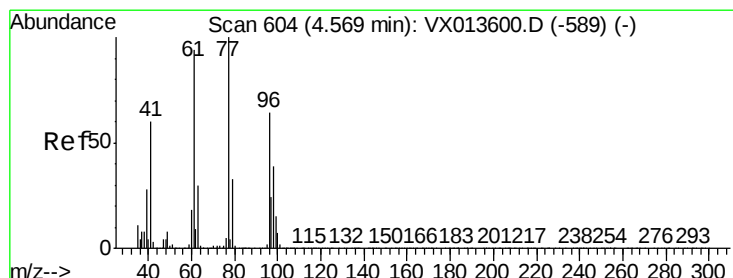
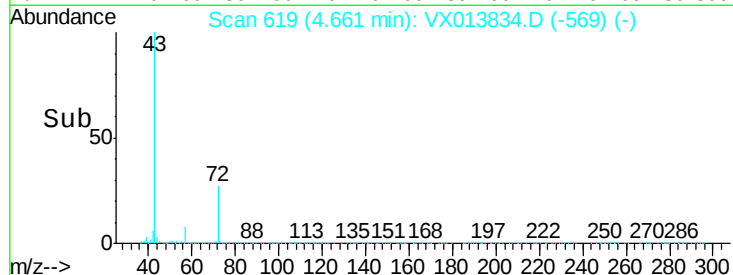
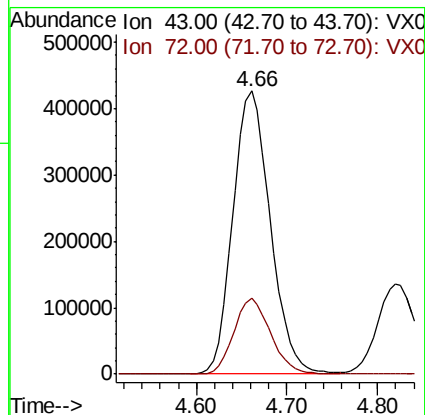
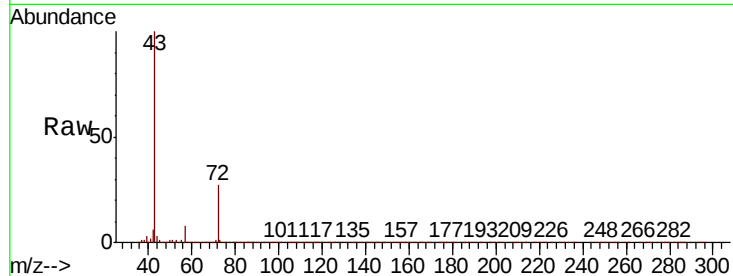
72 26.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 32.329 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013834.D

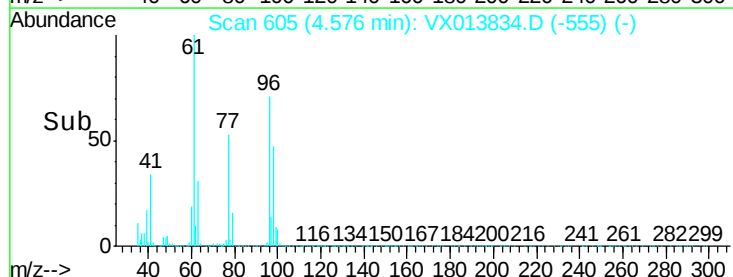
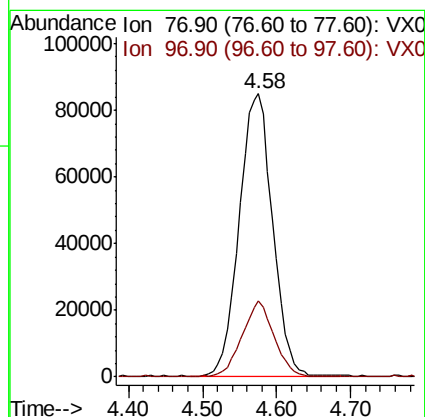
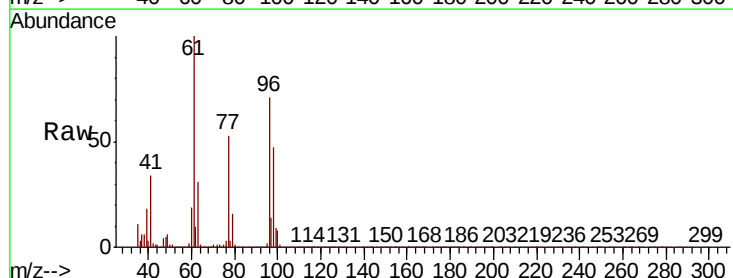
Acq: 07 Dec 2019 05:27

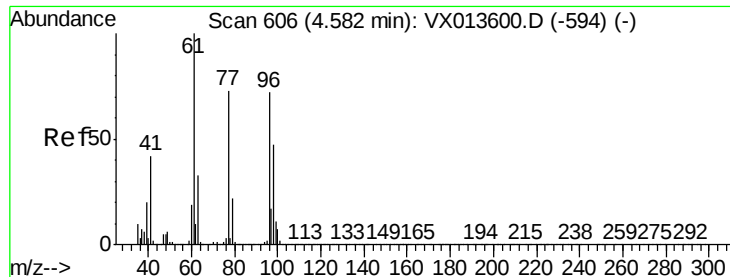
Tgt Ion: 77 Resp: 267136

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

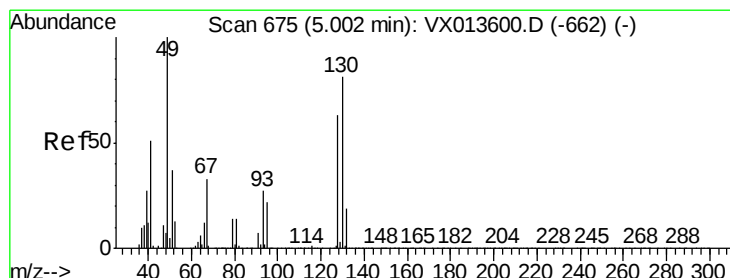
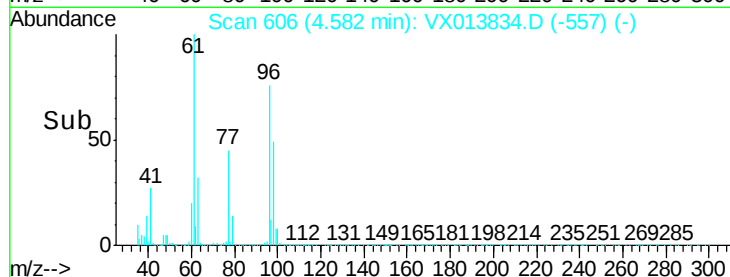
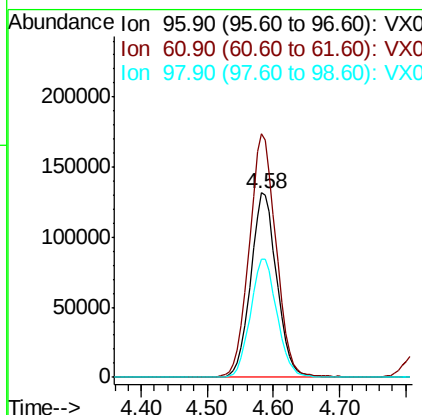
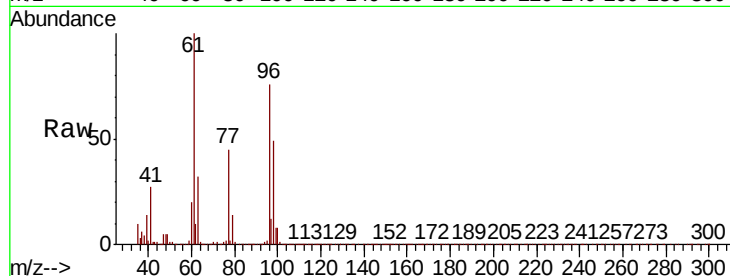
cis-1,2-Dichloroethene
Concen: 55.454 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	362706		
61	135.5	0.0	286.4	
98	64.8	0.0	127.4	

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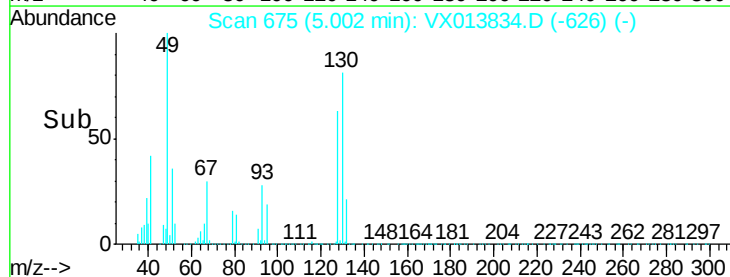
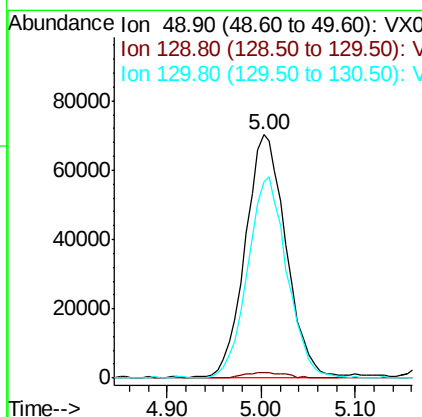
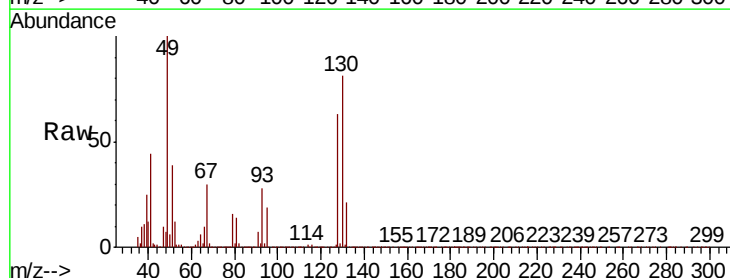
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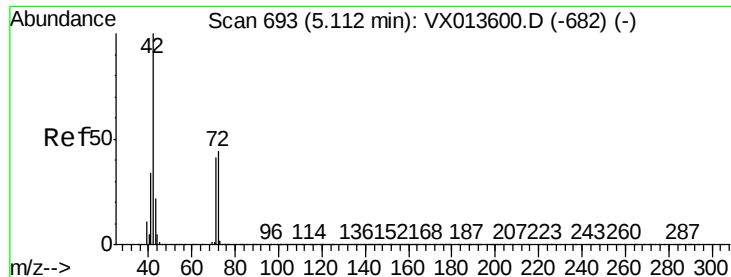


#28

Bromochloromethane
Concen: 53.760 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	212168		
129	2.6	0.0	5.0	
130	79.8	65.4	98.0	





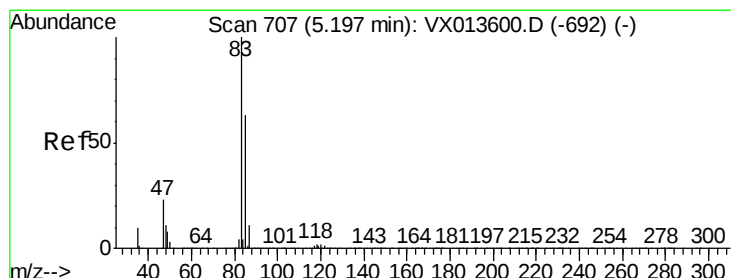
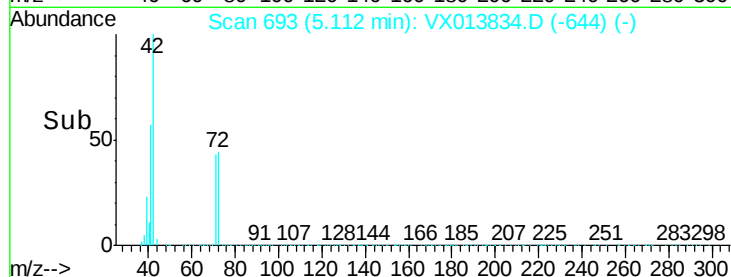
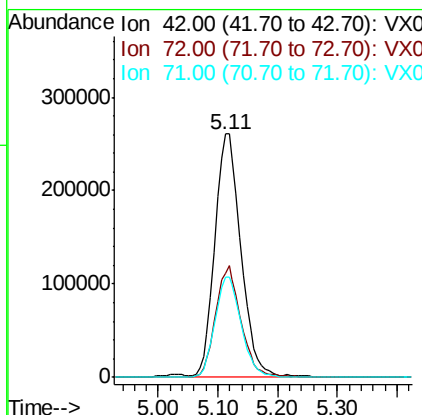
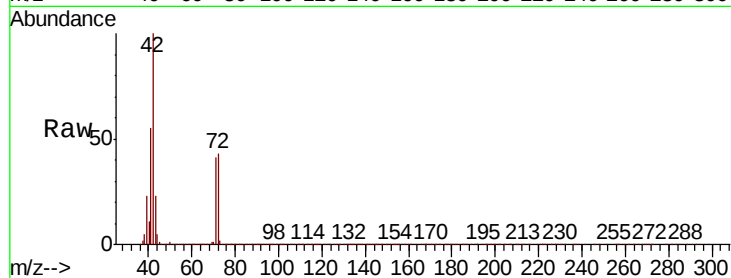
#29
Tetrahydrofuran
Concen: 272.484 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.3	54.5
71	41.6	33.2	49.8

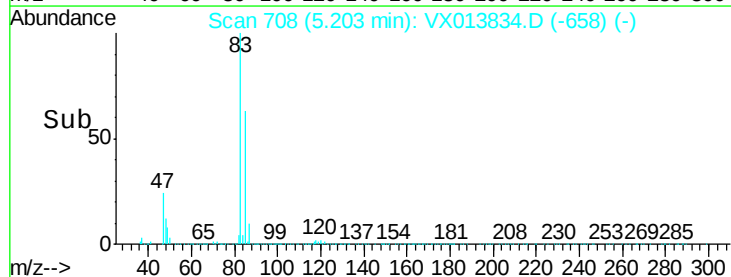
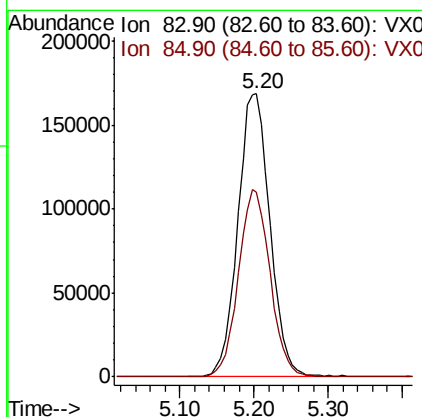
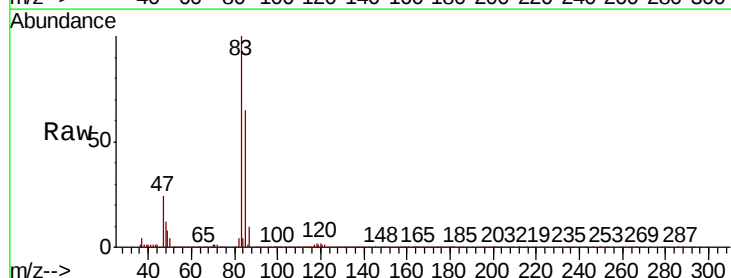
Manual Integrations
APPROVED

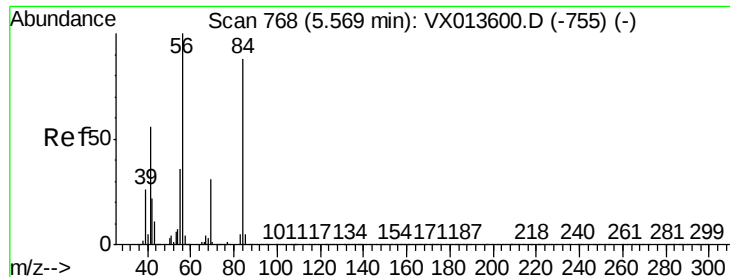
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#30
Chloroform
Concen: 50.231 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4





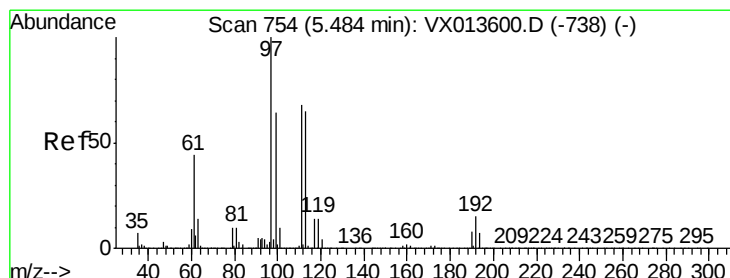
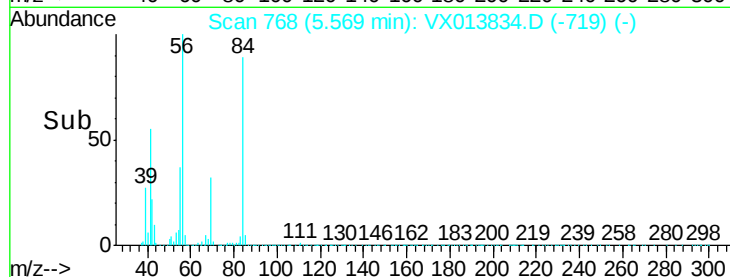
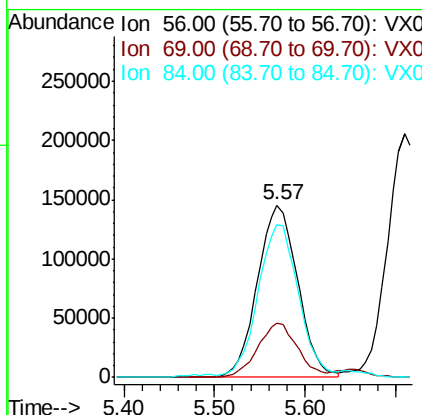
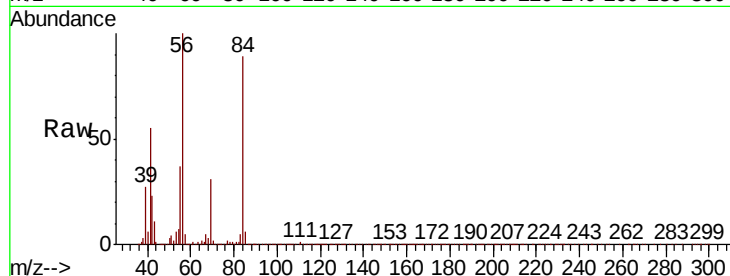
#31
Cyclohexane
Concen: 47.384 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.6	36.8
84	87.6	70.0	105.0

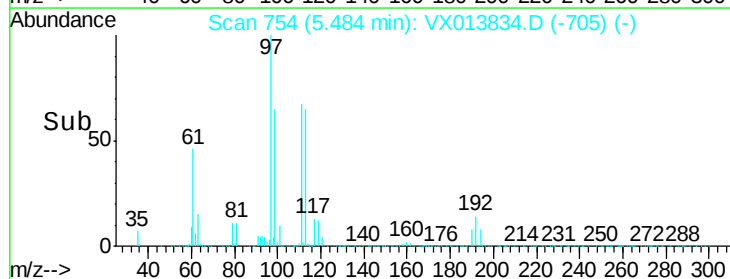
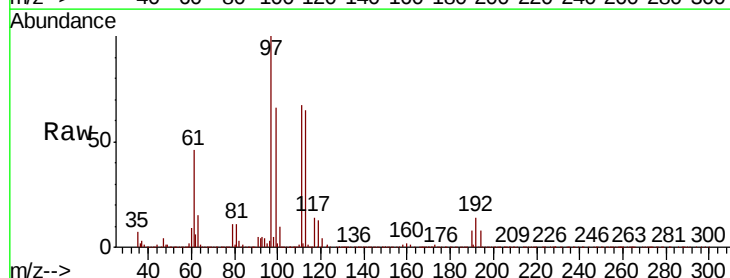
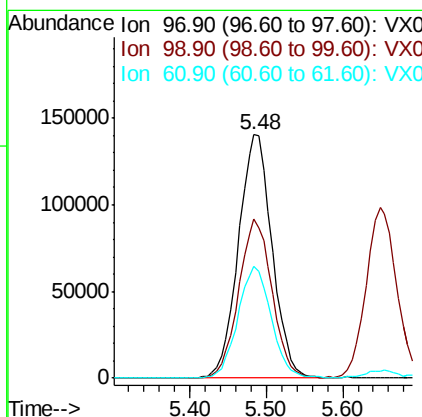
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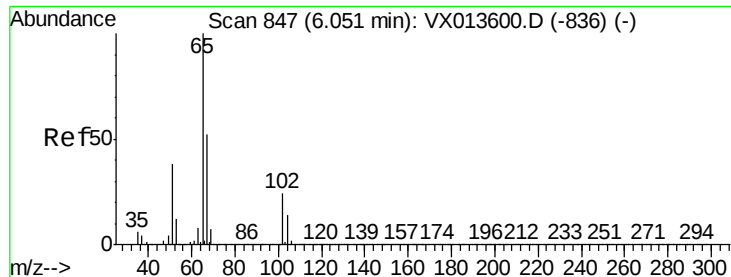
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#32
1,1,1-Trichloroethane
Concen: 50.516 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	45.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

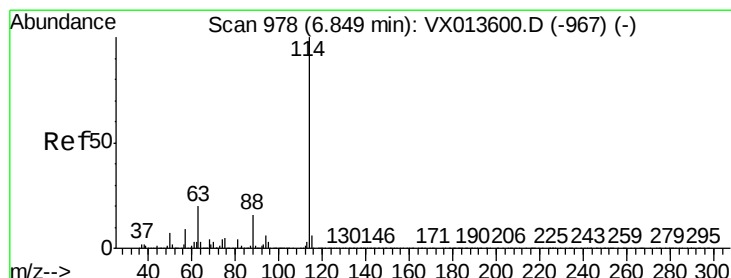
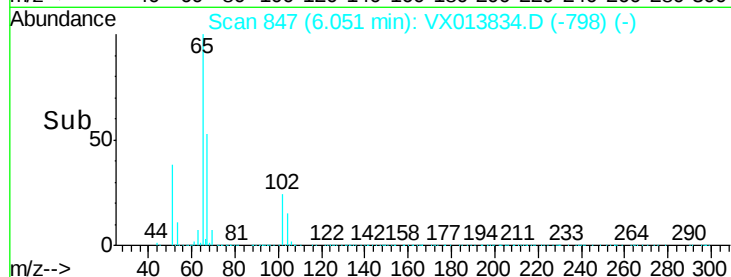
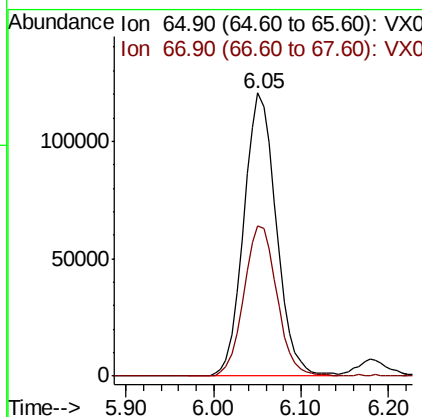
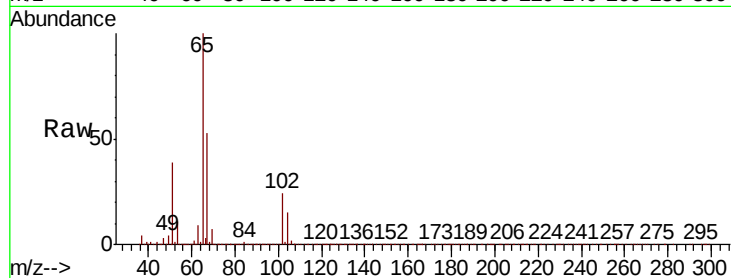
ClientSampleId :

RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	104.4	

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

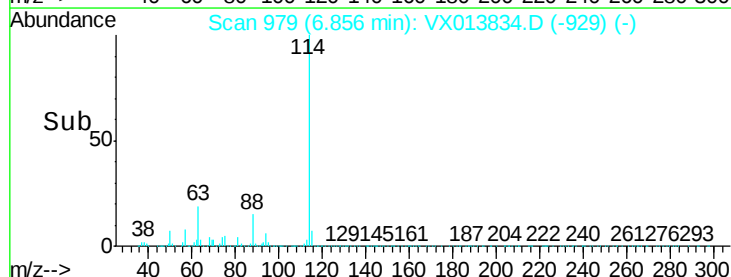
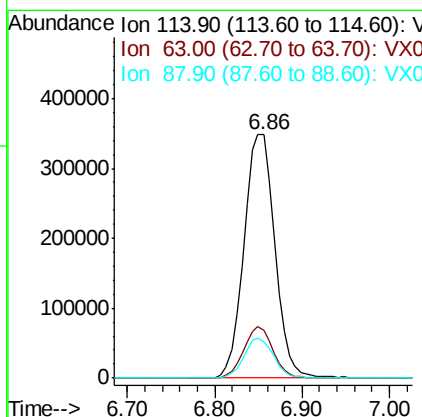
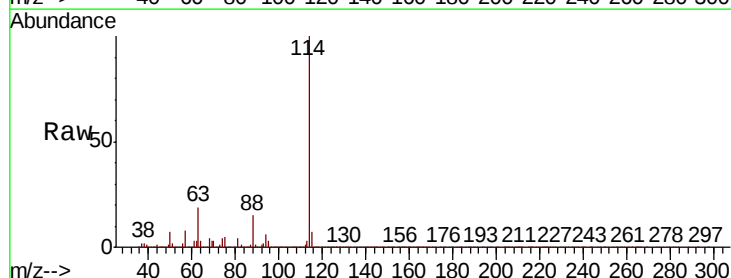
RT: 6.86 min Scan# 979

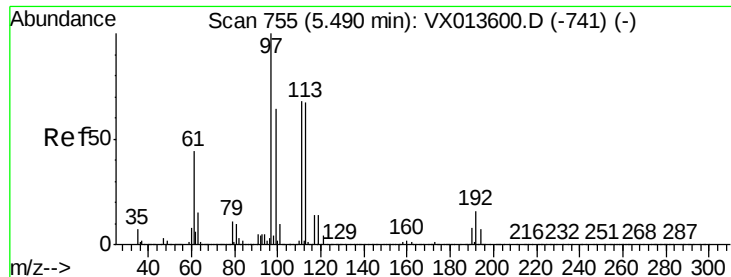
Delta R.T. 0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	39.6	
88	14.9	0.0	31.4	





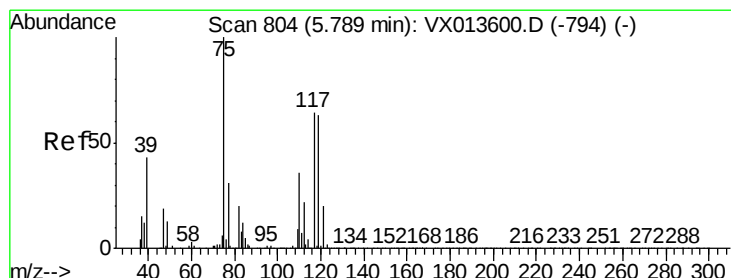
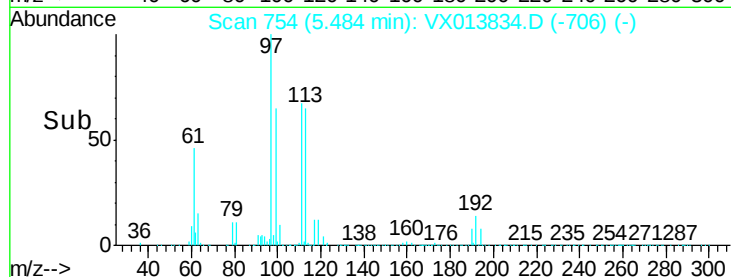
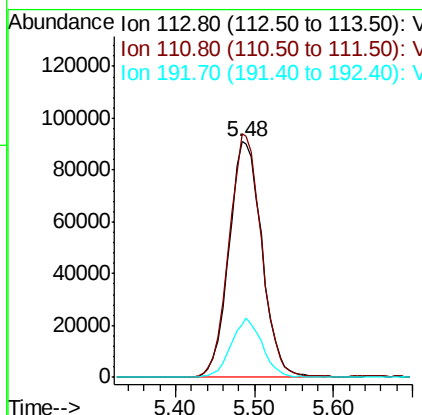
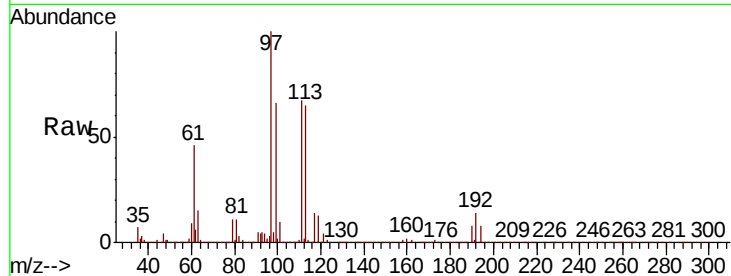
#35
Dibromofluoromethane
Concen: 49.688 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	262378		
111	101.6	83.6	125.4	
192	23.8	19.2	28.8	

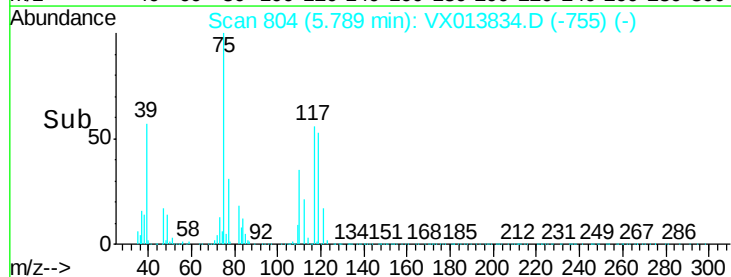
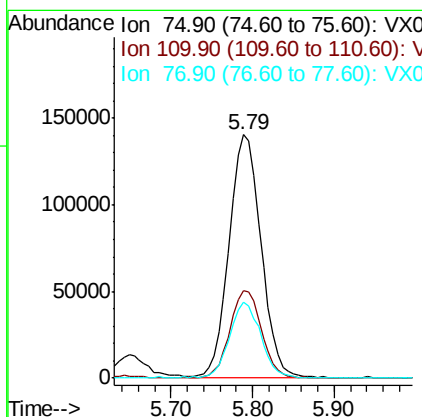
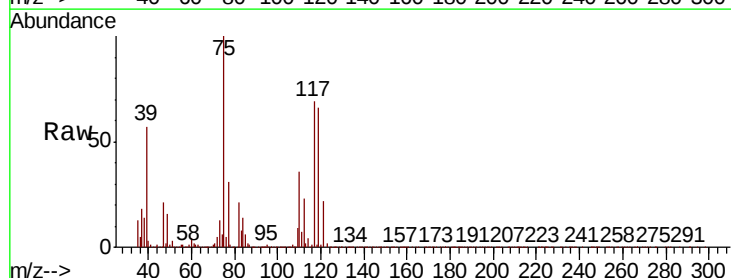
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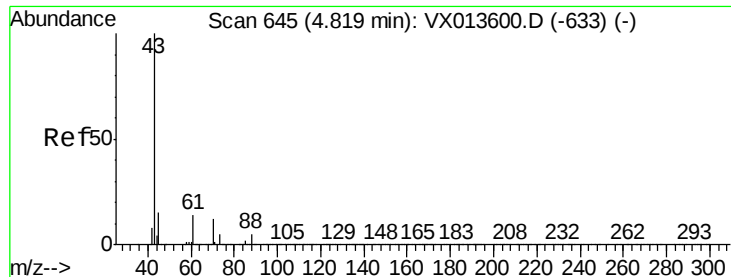
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#36
1,1-Dichloropropene
Concen: 48.824 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	378565		
110	35.7	18.1	54.1	
77	29.8	24.5	36.7	





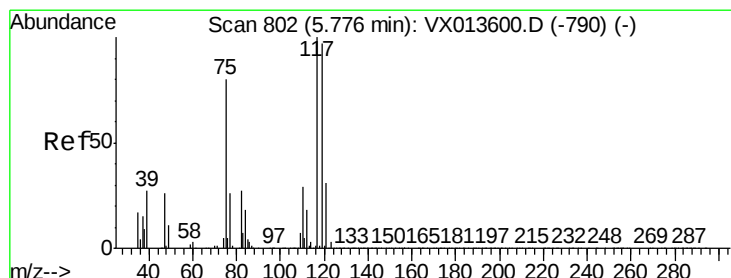
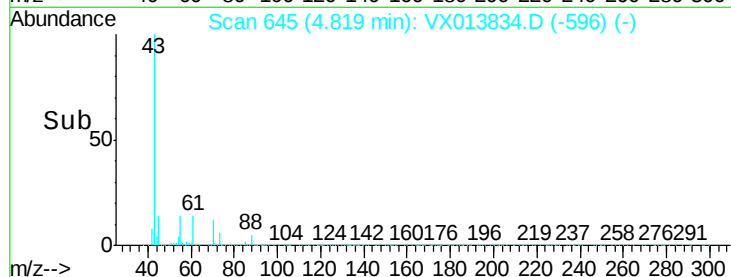
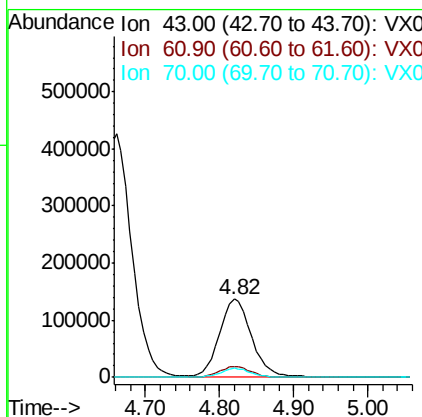
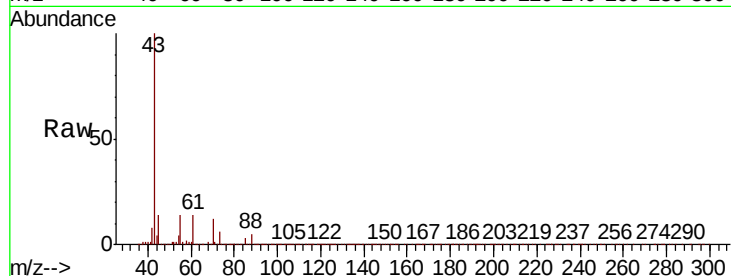
#37
Ethyl Acetate
Concen: 46.797 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

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

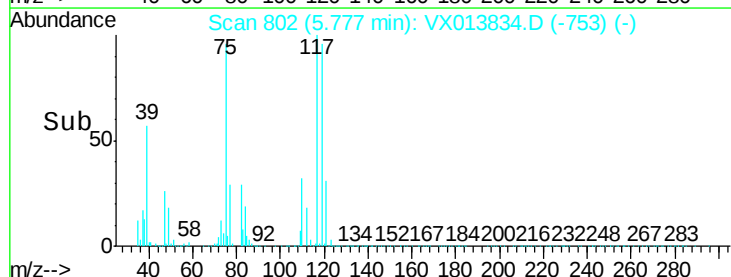
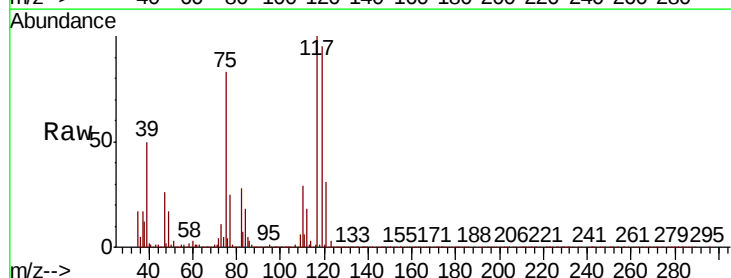
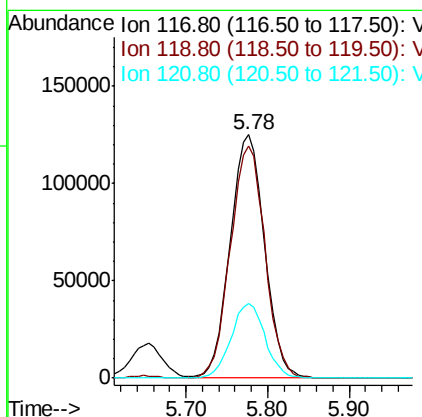
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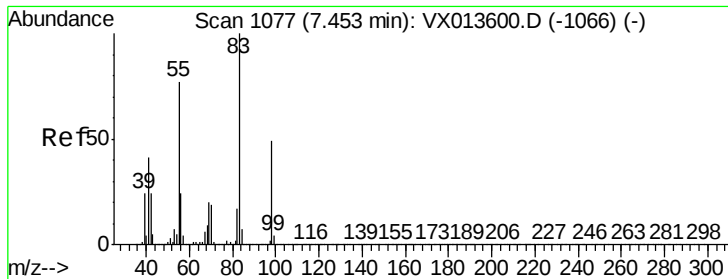
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#38
Carbon Tetrachloride
Concen: 50.760 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
121	30.4	25.0	37.6





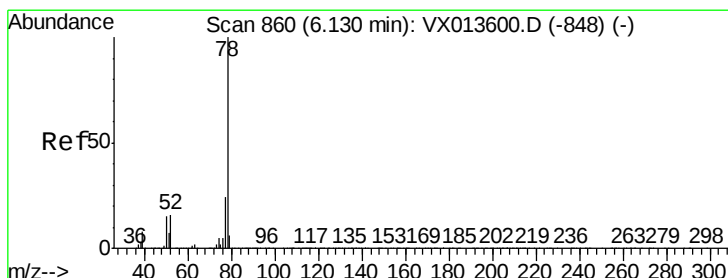
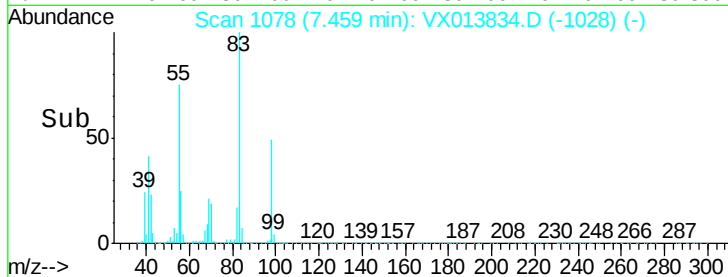
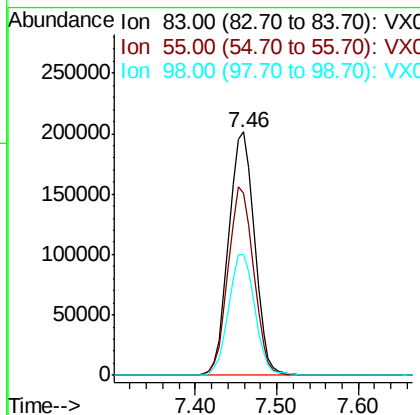
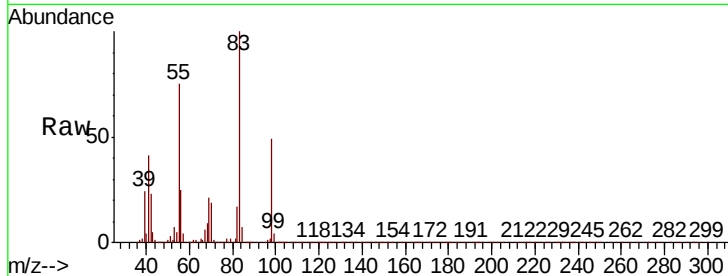
#39
Methvlcvclohexane
Concen: 46.008 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.9	92.9
98	49.3	39.4	59.0

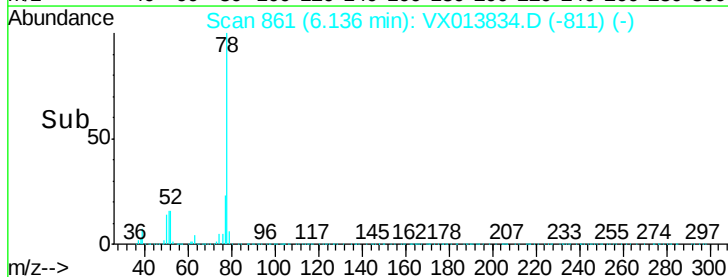
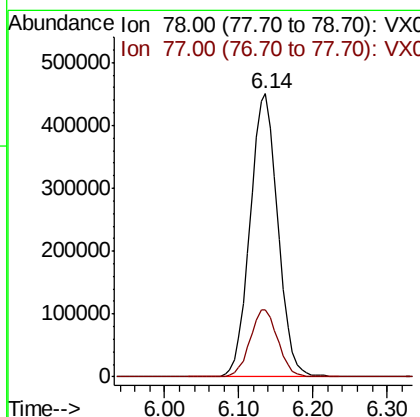
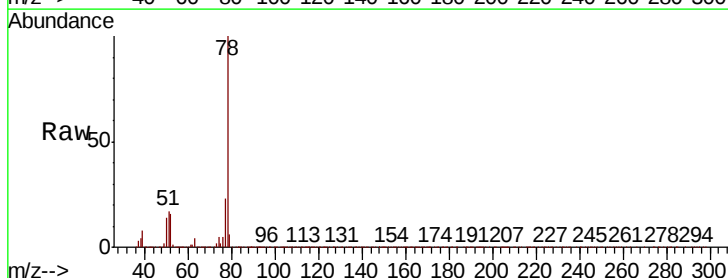
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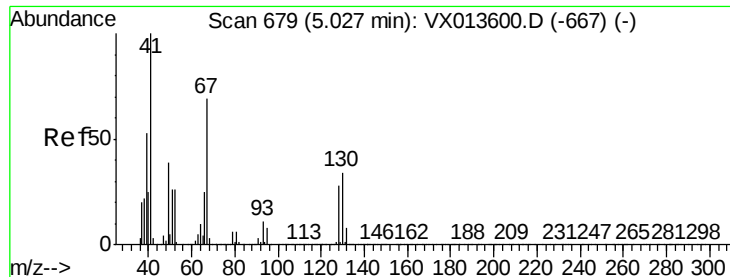
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#40
Benzene
Concen: 50.006 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





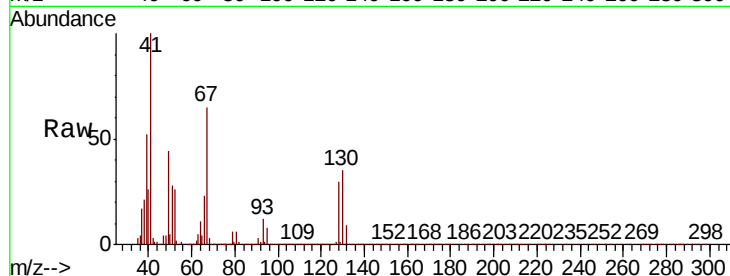
#41
Methacrylonitrile
Concen: 55.960 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

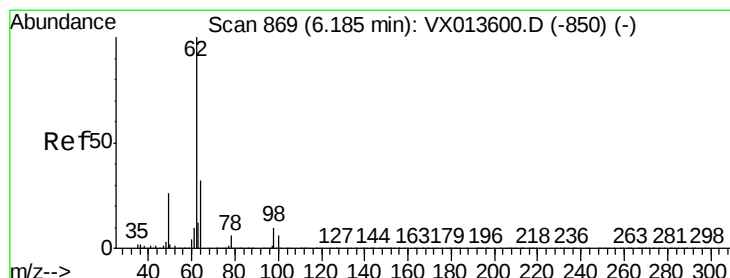
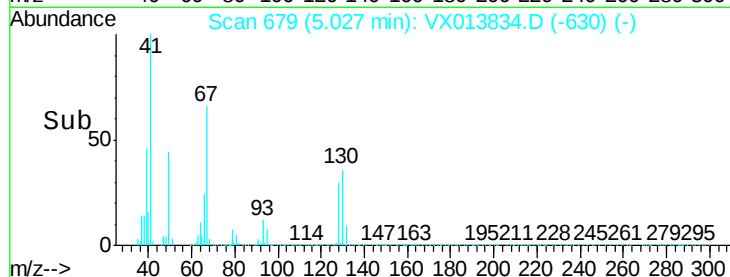
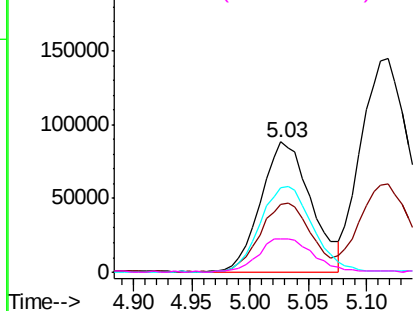
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.9	64.3	
67	67.7	57.4	86.0	
52	26.9	22.4	33.6	

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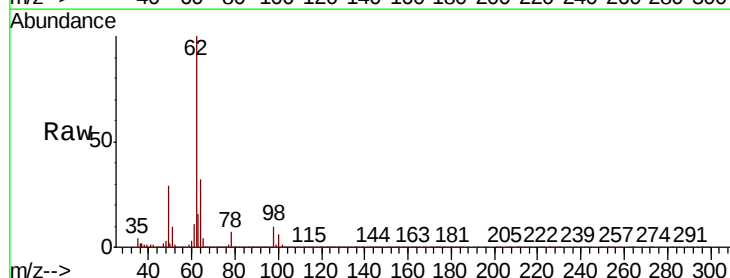


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

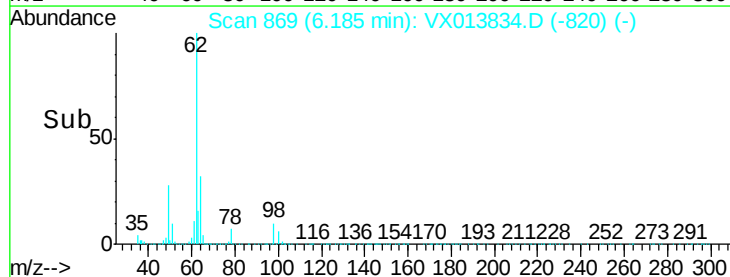
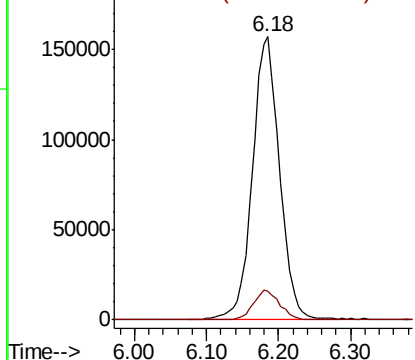


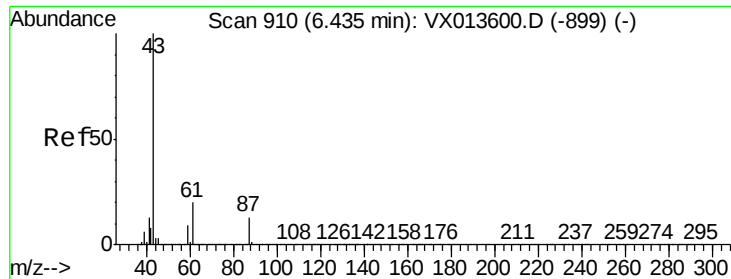
#42
1,2-Dichloroethane
Concen: 51.113 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

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



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

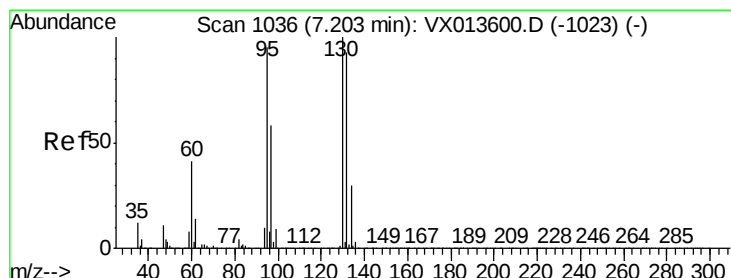
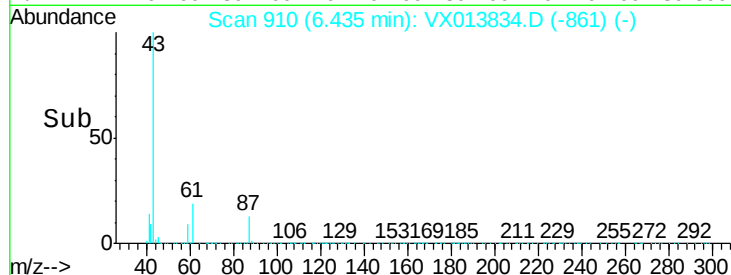
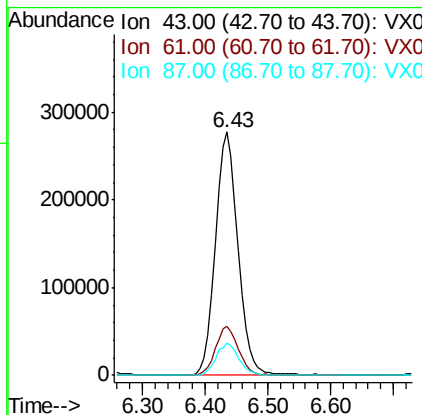
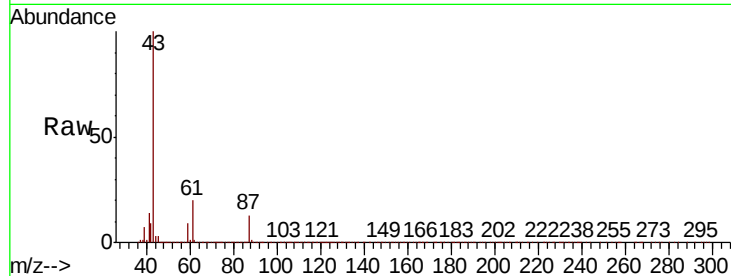
Isopropyl Acetate
 Concen: 47.954 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.4	10.8	16.2

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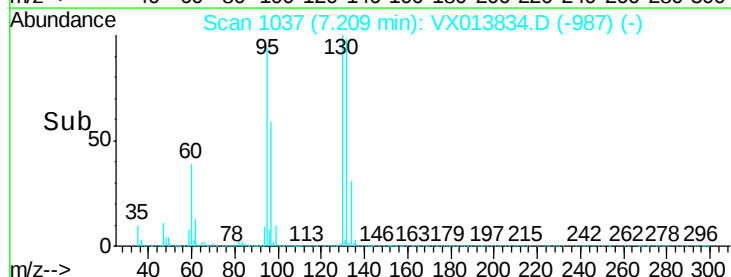
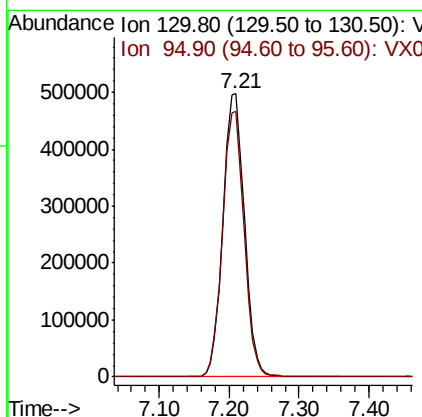
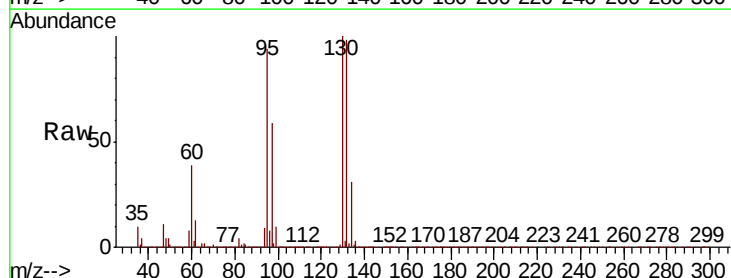
apatel
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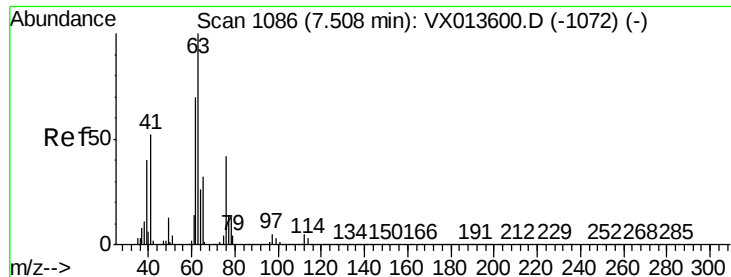


#44

Trichloroethene
 Concen: 164.410 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 52.225 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 63 Resp: 308563

Ion Ratio Lower Upper

63 100

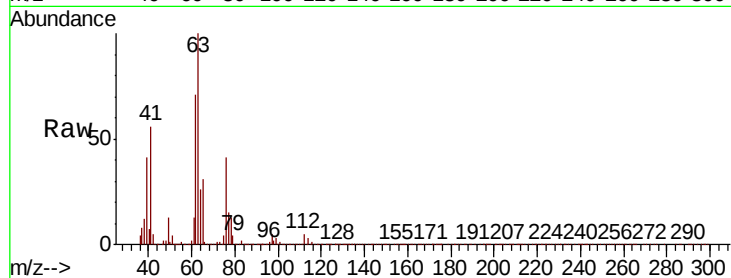
65 31.0 25.5 38.3

Manual Integrations

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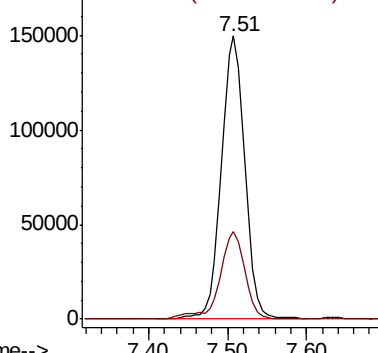
apatel

12/9/2019 9:08:25 AM

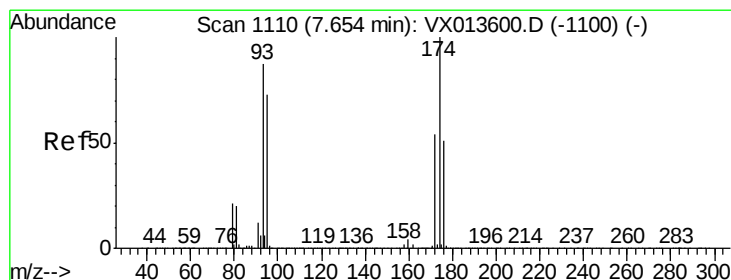
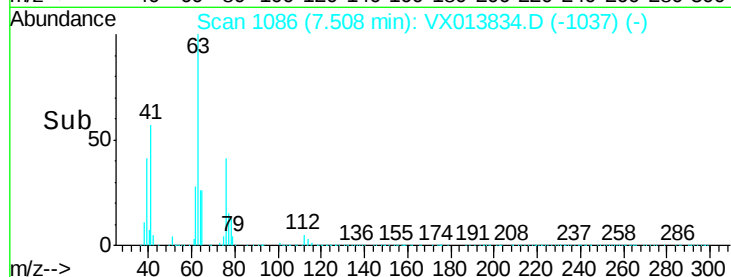


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 50.541 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

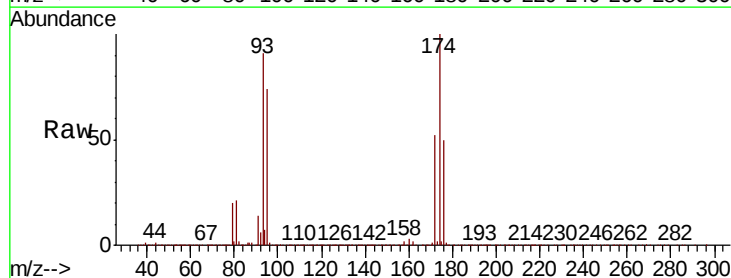
Tgt Ion: 93 Resp: 202811

Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

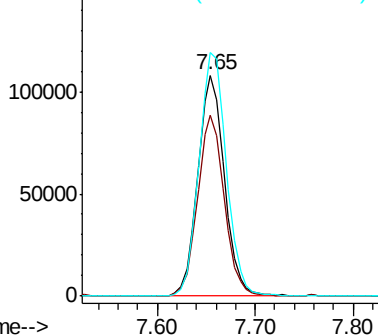
174 114.5 93.4 140.0



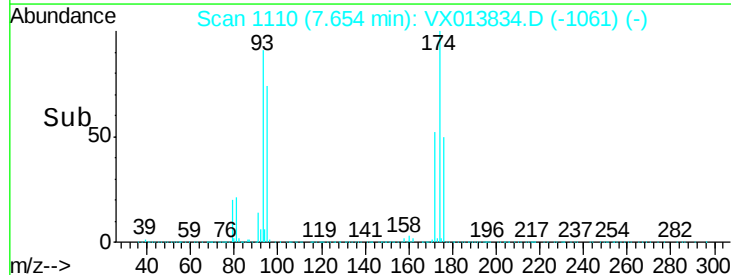
Abundance Ion 92.80 (92.50 to 93.50): VX0

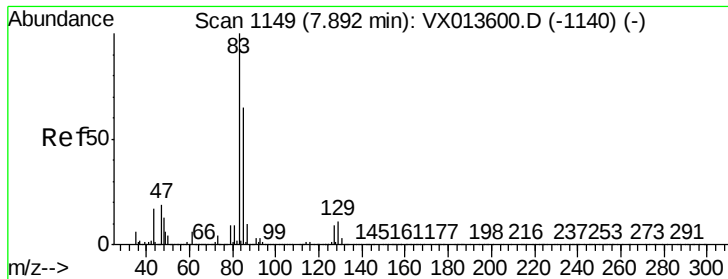
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 51.838 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

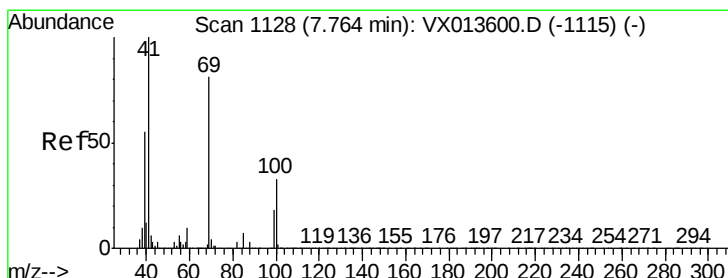
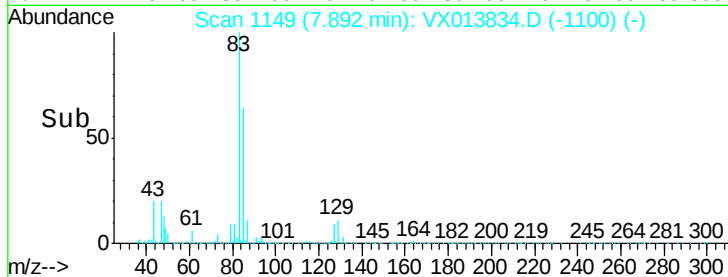
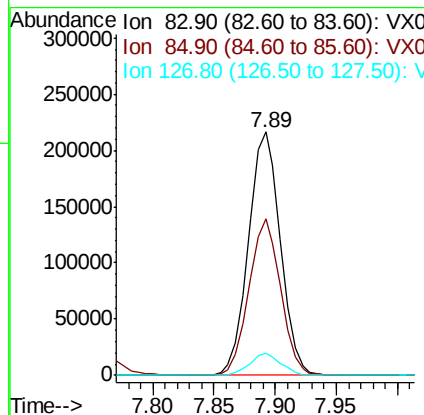
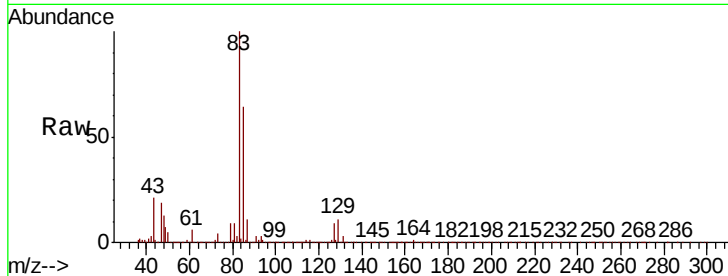
ClientSampleId :

RE131D2-20191204MSD

Tot Ion:	83	Resp:	393247
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.1	78.1
127	8.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.030 ug/l

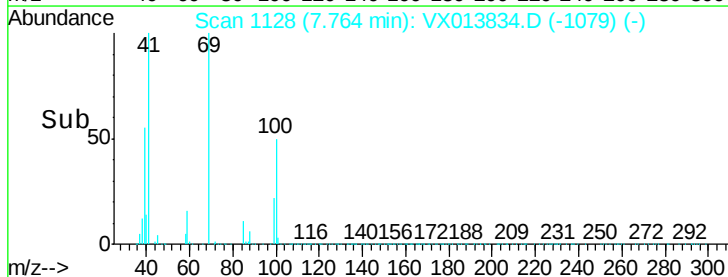
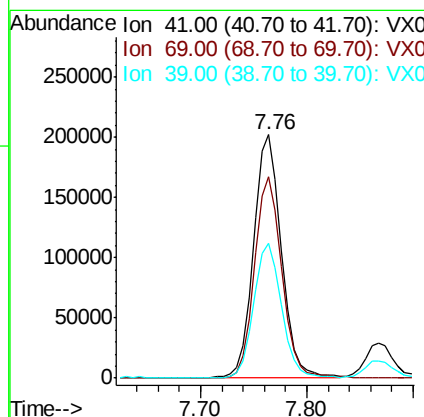
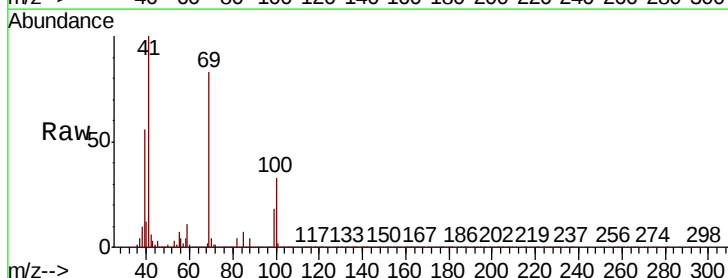
RT: 7.76 min Scan# 1128

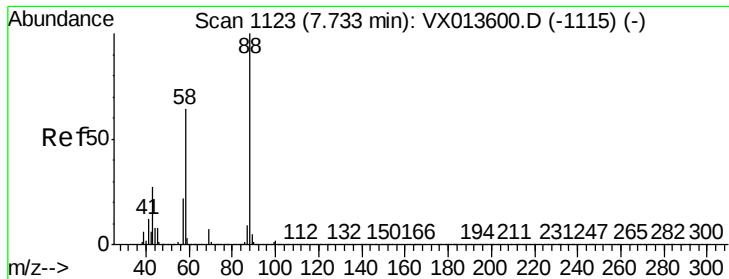
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion:	41	Resp:	368975
Ion Ratio	Lower	Upper	
41	100		
69	81.7	64.7	97.1
39	55.3	43.8	65.6





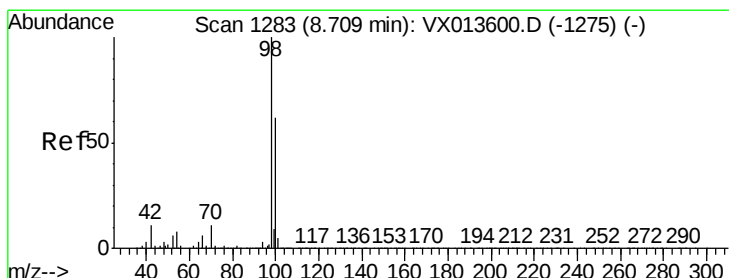
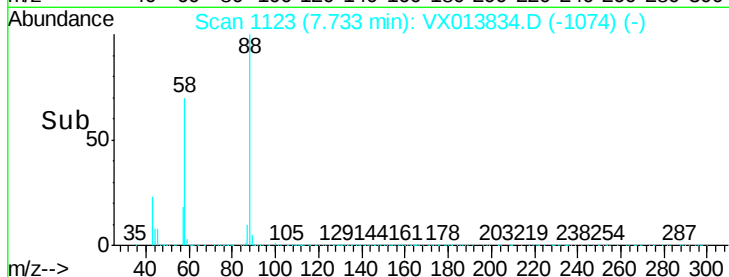
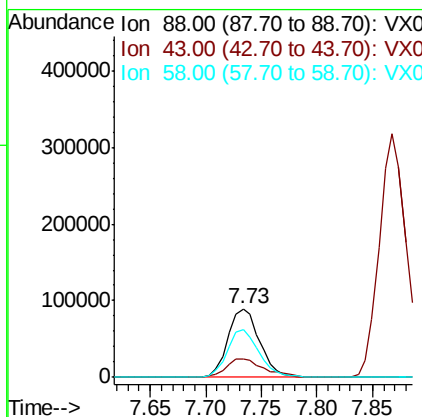
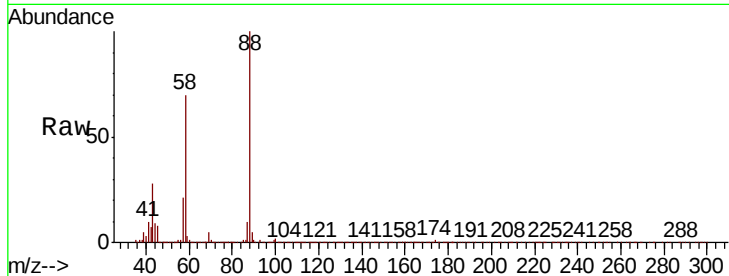
#49
1,4-Dioxane
Concen: 1128.182 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.8	38.6
58	69.8	54.6	82.0

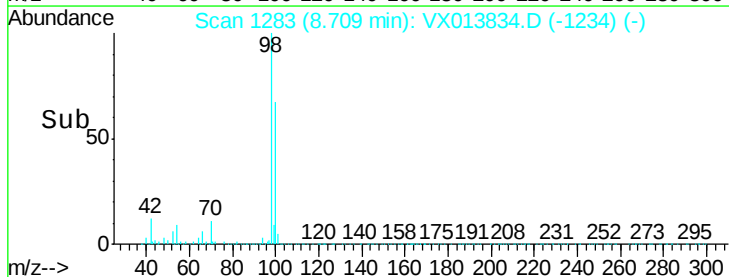
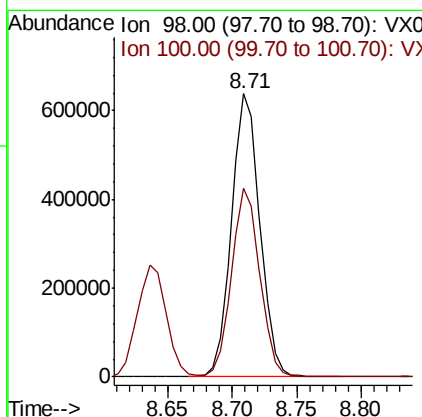
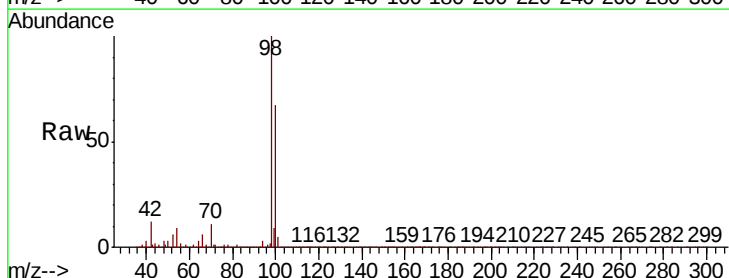
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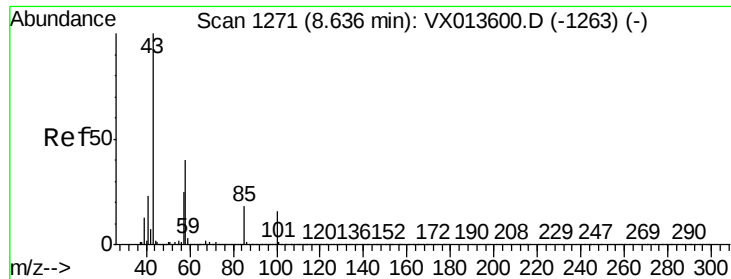
apatel
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#50
Toluene-d8
Concen: 47.639 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 267.537 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 43 Resp: 2409908

Ion Ratio Lower Upper

43 100

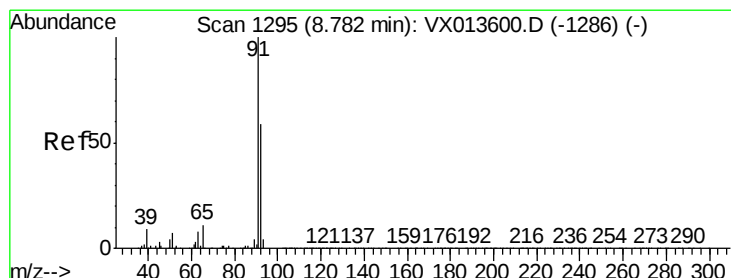
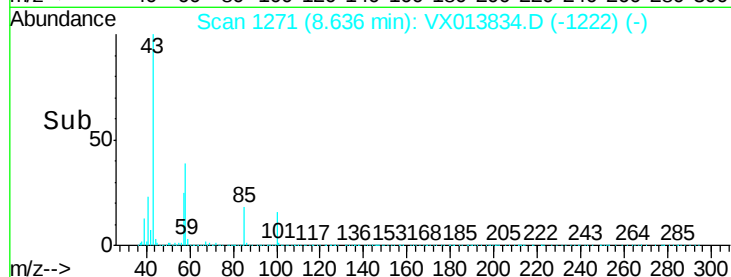
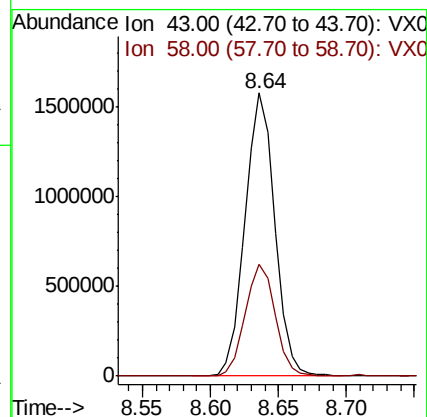
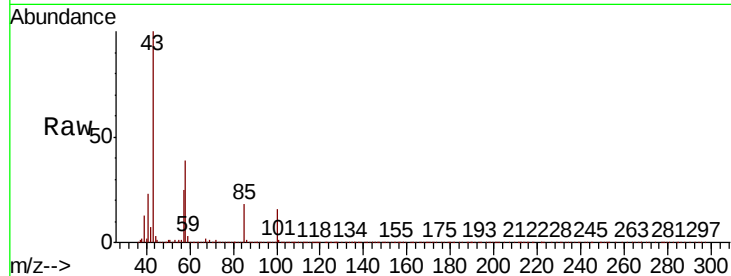
58 39.8 32.1 48.1

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#52

Toluene

Concen: 50.095 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013834.D

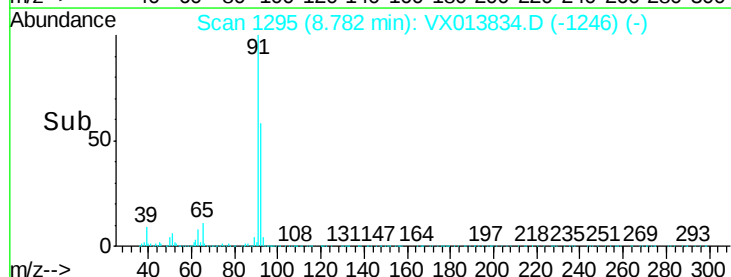
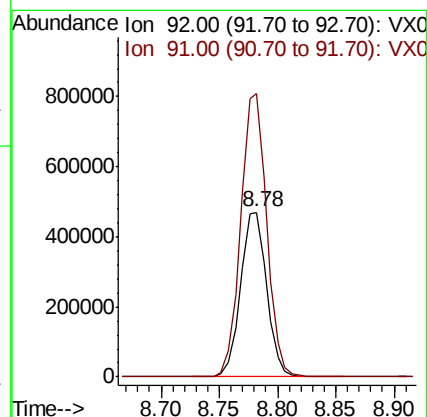
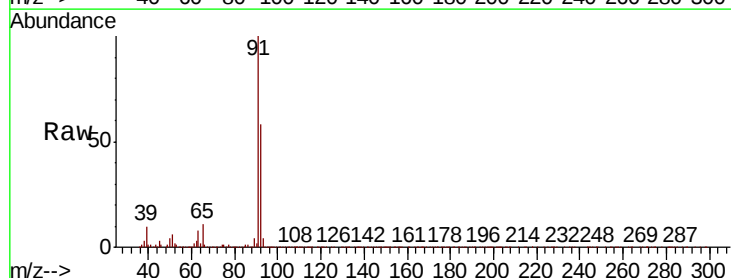
Acq: 07 Dec 2019 05:27

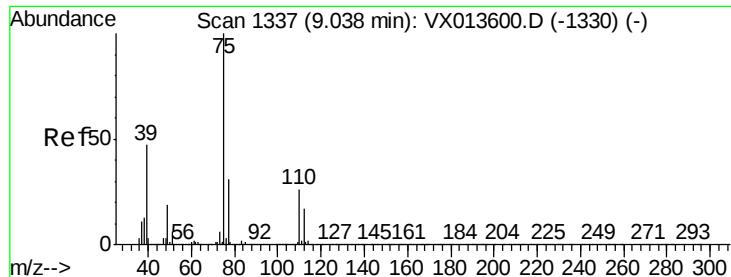
Tgt Ion: 92 Resp: 734913

Ion Ratio Lower Upper

92 100

91 171.1 136.2 204.2





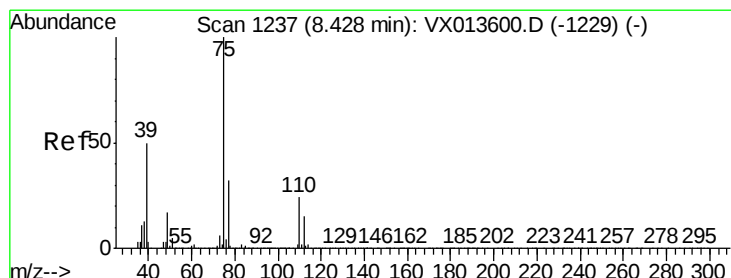
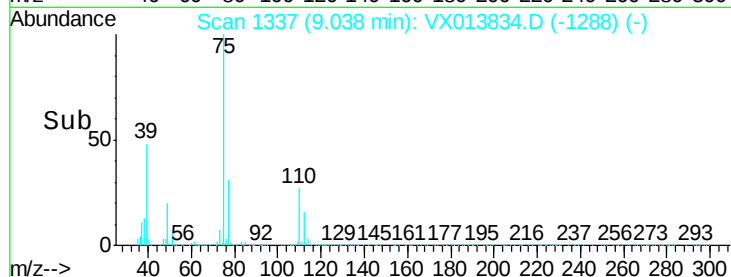
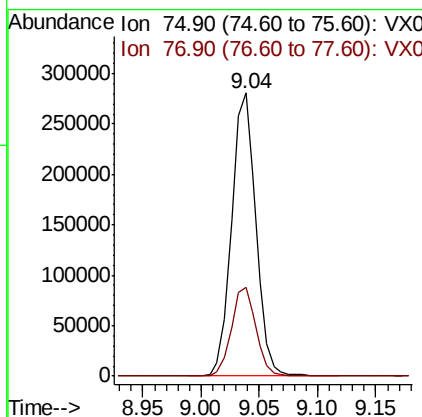
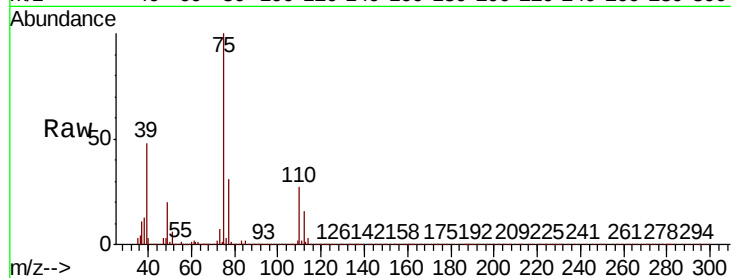
#53
t-1,3-Dichloropropene
Concen: 47.089 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6

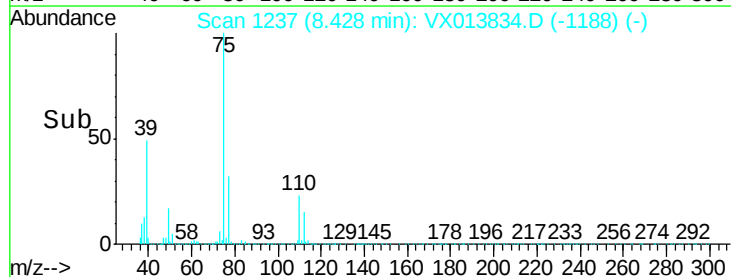
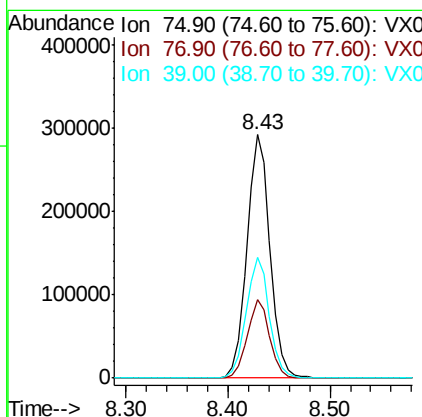
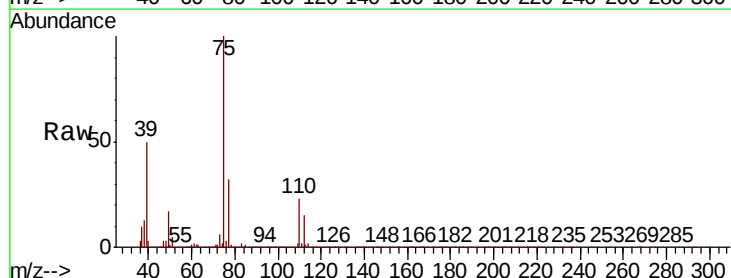
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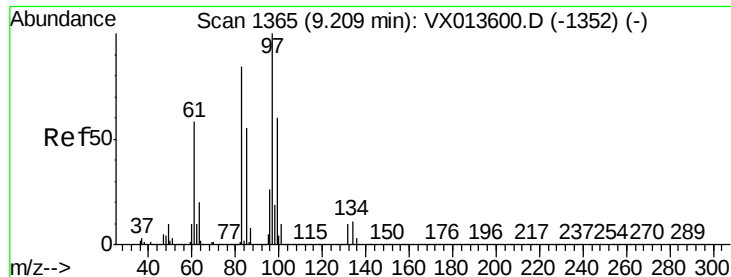
apatel
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#54
cis-1,3-Dichloropropene
Concen: 48.429 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	49.4	39.9	59.9





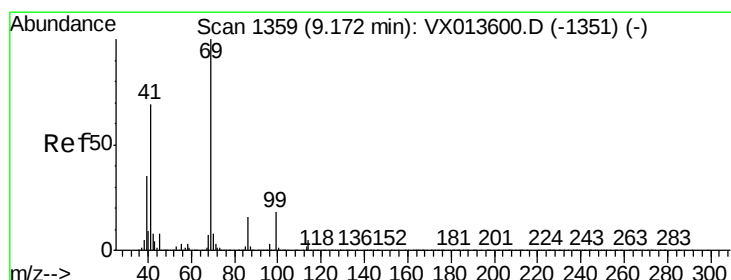
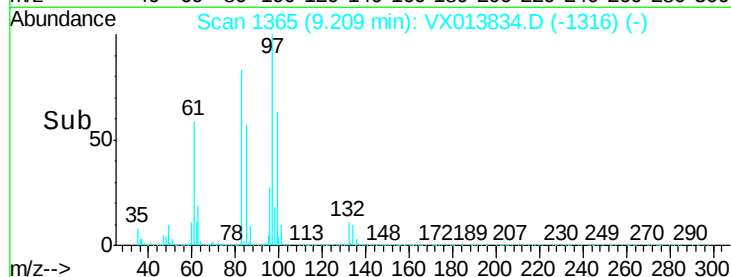
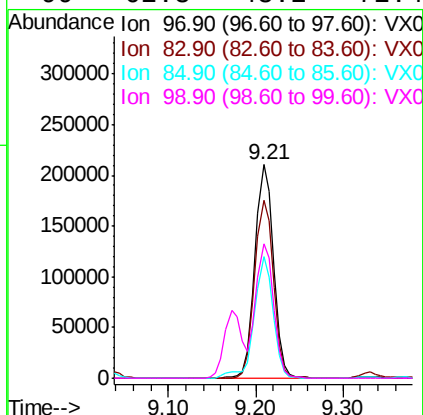
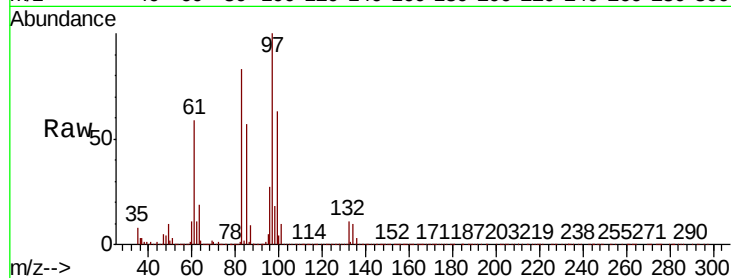
#55
 1,1,2-Trichloroethane
 Concen: 52.183 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		308504		
83	83.3	67.3	100.9		
85	56.8	43.6	65.4		
99	62.8	48.2	72.4		

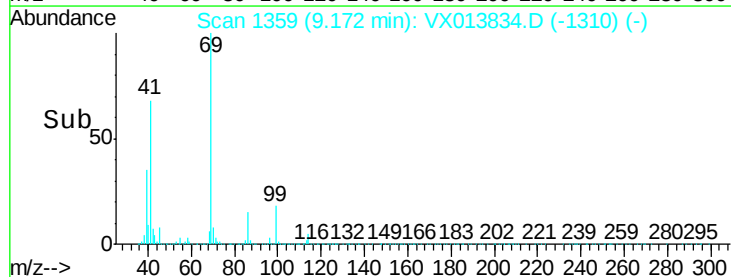
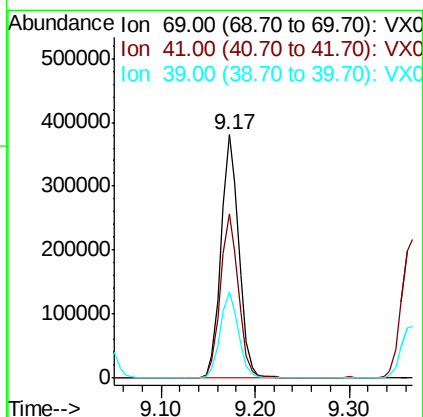
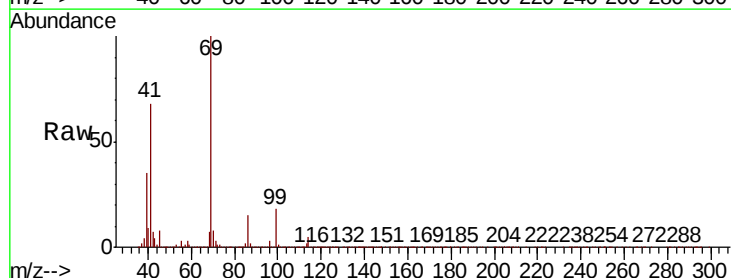
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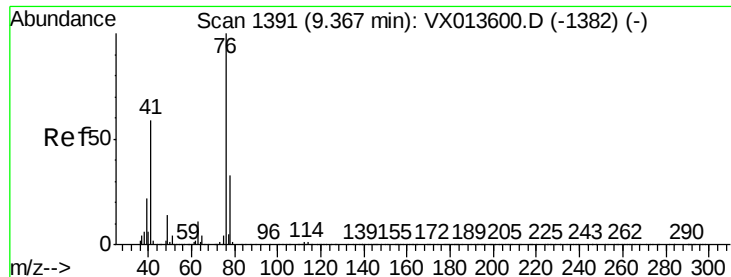
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#56
 Ethyl methacrylate
 Concen: 52.798 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		501836		
41	67.7	55.0	82.4		
39	35.6	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 50.574 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 76 Resp: 515356

Ion Ratio Lower Upper

76 100

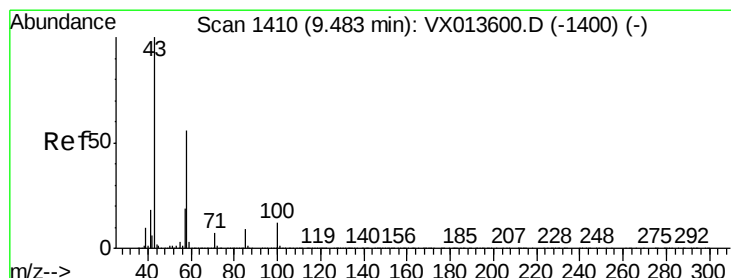
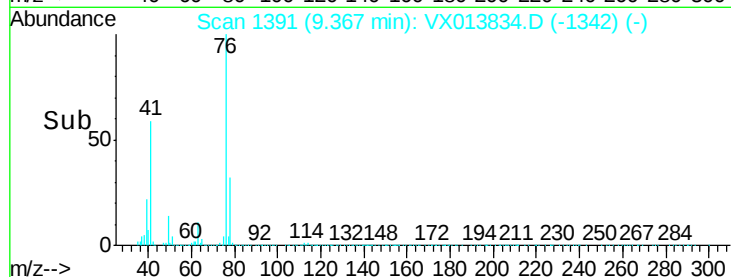
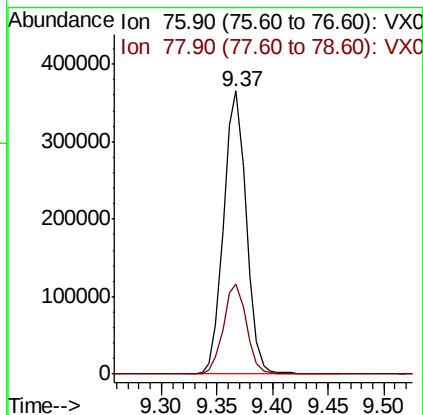
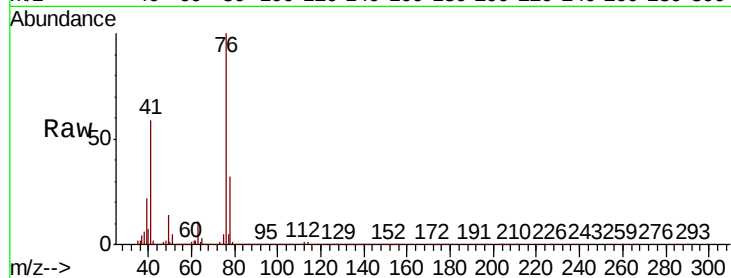
78 32.5 26.0 39.0

Manual Integrations

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#59

2-Hexanone

Concen: 266.438 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013834.D

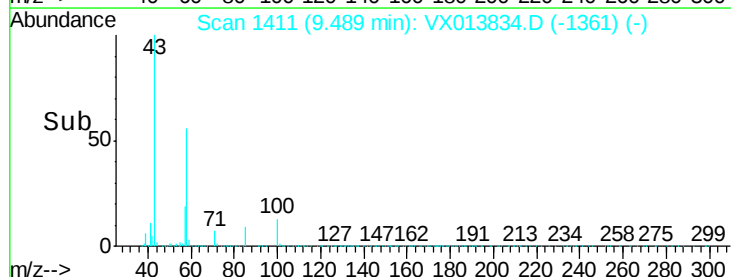
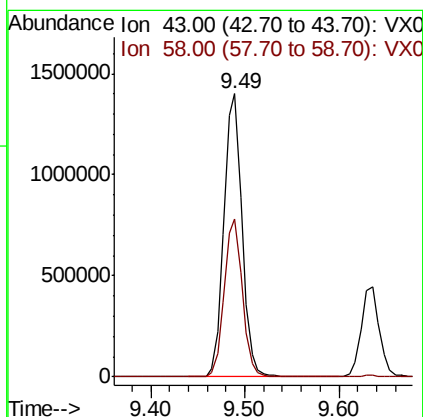
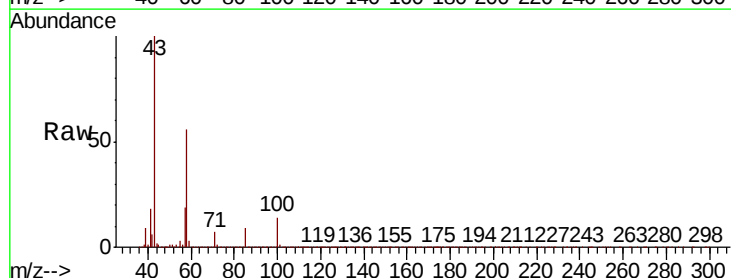
Acq: 07 Dec 2019 05:27

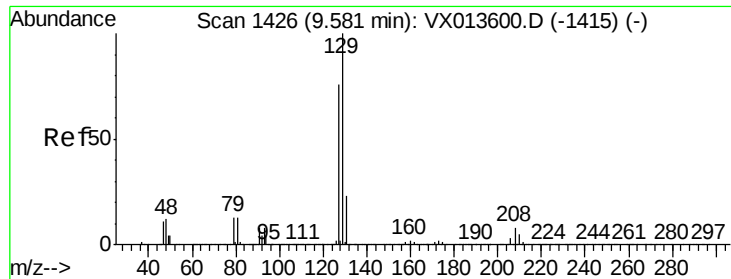
Tgt Ion: 43 Resp: 1871825

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.4





#60

Dibromochloromethane

Concen: 52.237 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion:129 Resp: 320492

Ion Ratio Lower Upper

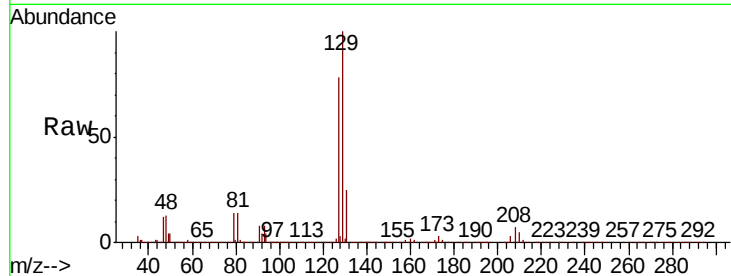
129 100

127 78.0 38.5 115.5

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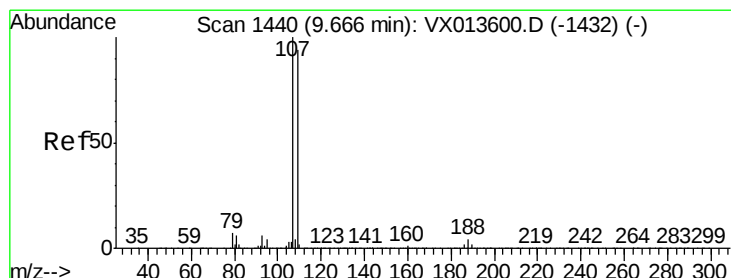
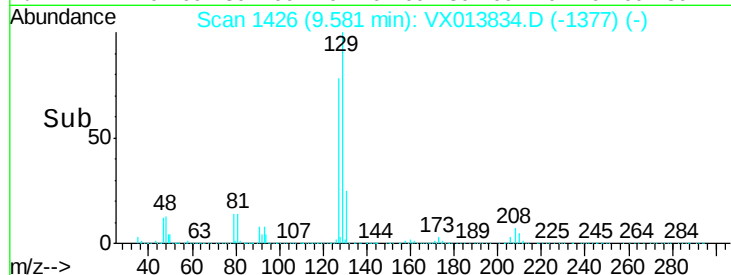
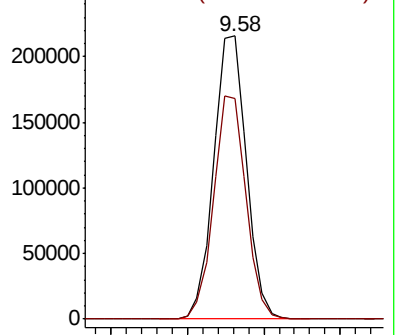
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.767 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013834.D

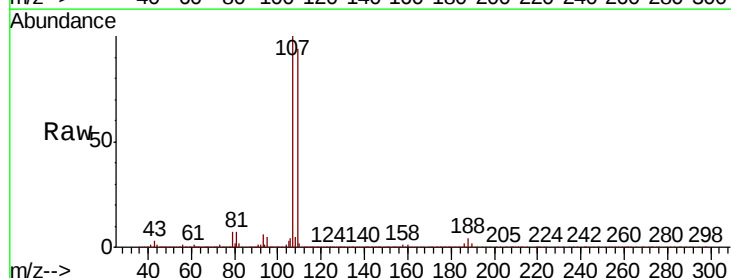
Acq: 07 Dec 2019 05:27

Tgt Ion:107 Resp: 320551

Ion Ratio Lower Upper

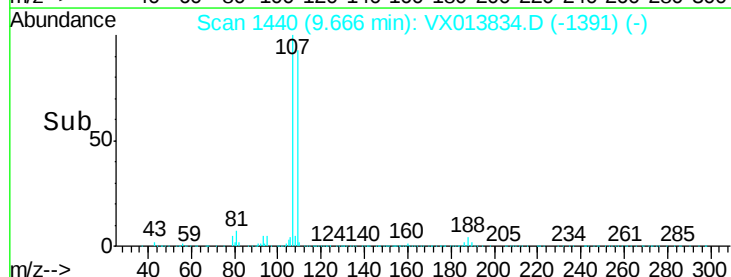
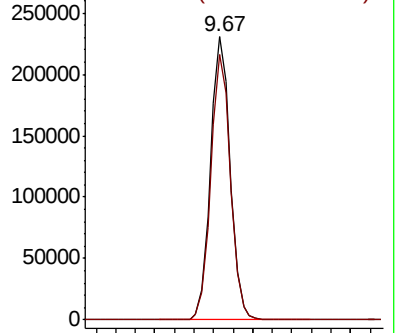
107 100

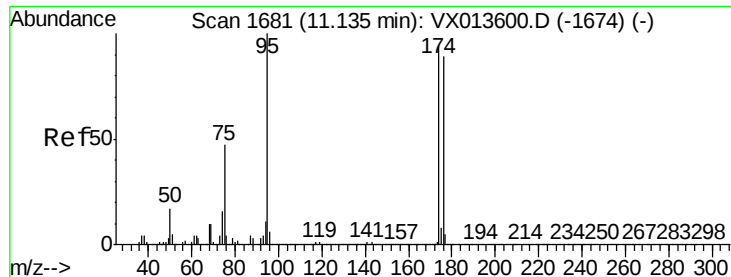
109 93.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





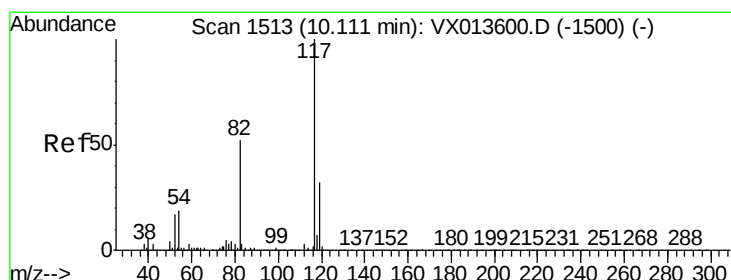
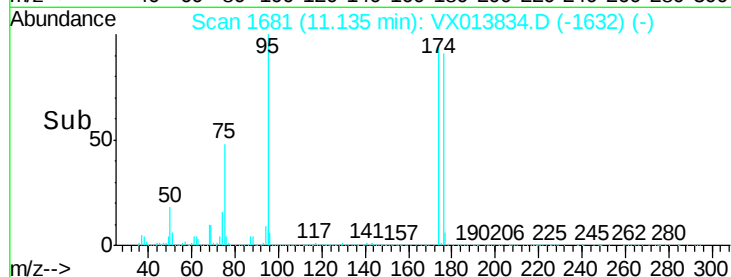
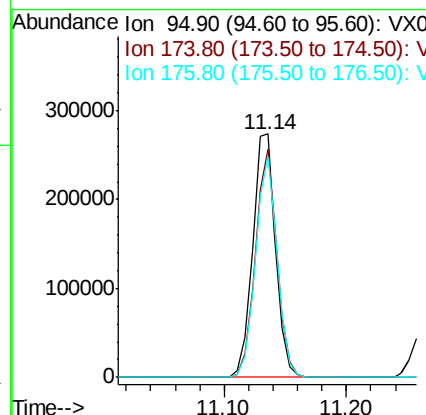
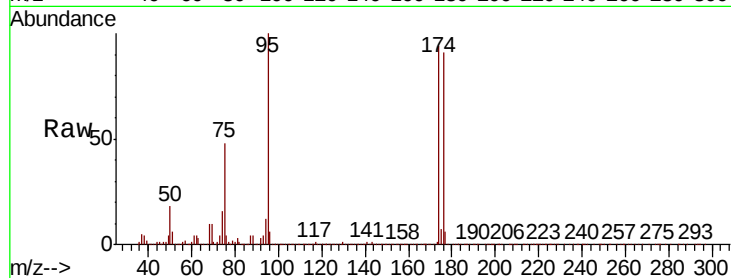
#62
4-Bromofluorobenzene
Concen: 48.189 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	357503		
174	88.6	0.0	180.0	
176	86.0	0.0	173.6	

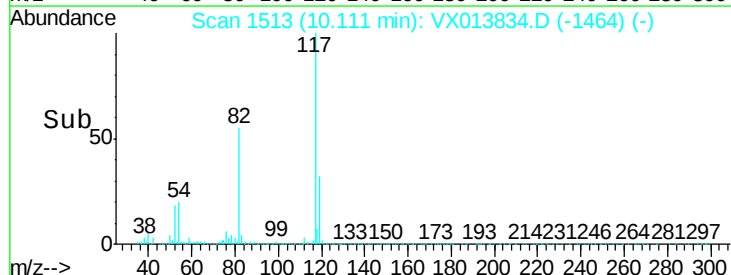
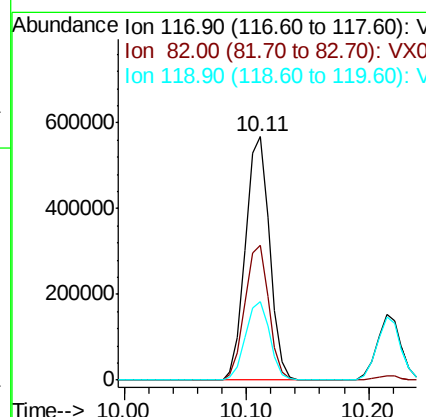
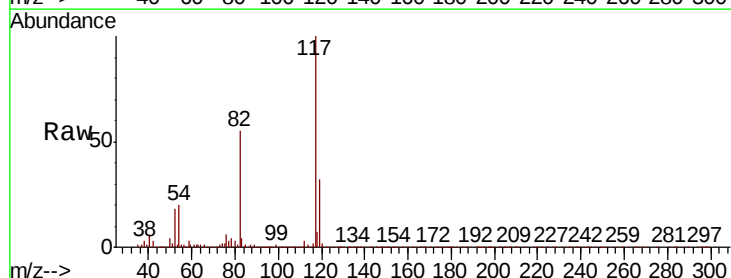
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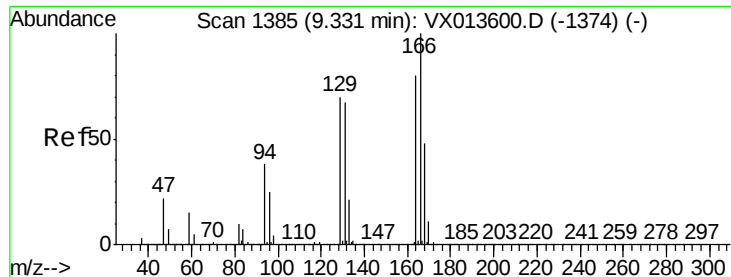
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	773644		
82	55.2	41.8	62.8	
119	32.2	25.8	38.8	





#64

Tetrachloroethene

Concen: 61.757 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

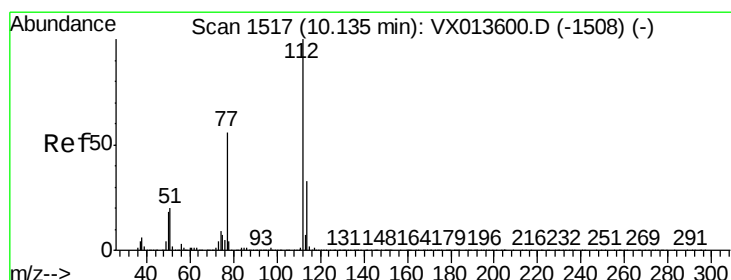
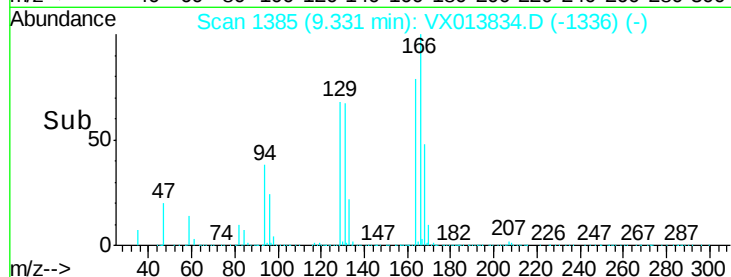
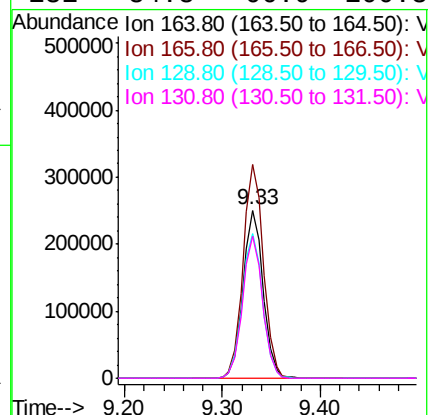
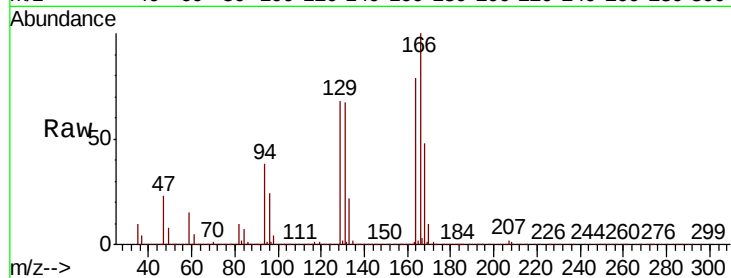
ClientSampleId :

RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.1	99.7	149.5	
129	86.4	70.1	105.1	
131	84.8	66.9	100.3	

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#65

Chlorobenzene

Concen: 49.327 ug/l

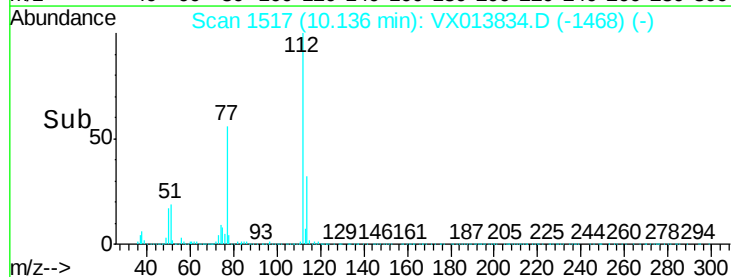
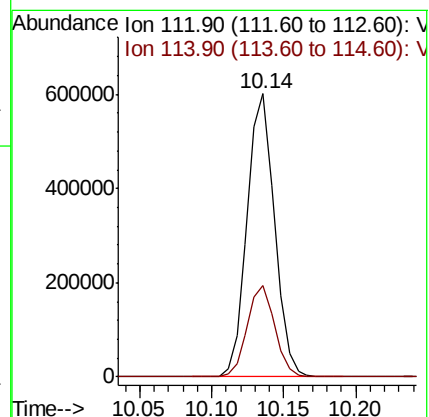
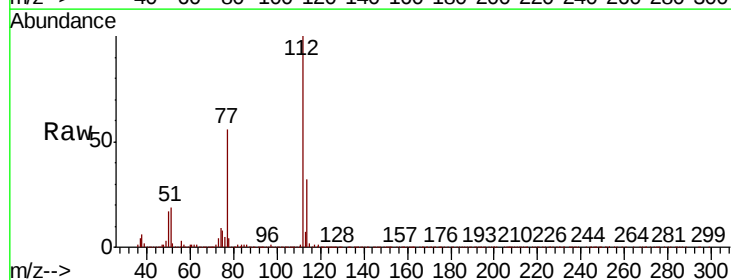
RT: 10.14 min Scan# 1517

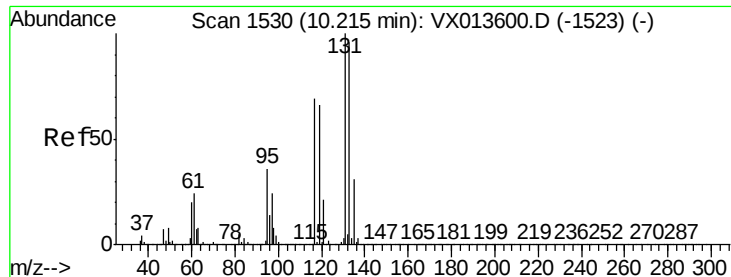
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.3	26.1	39.1	





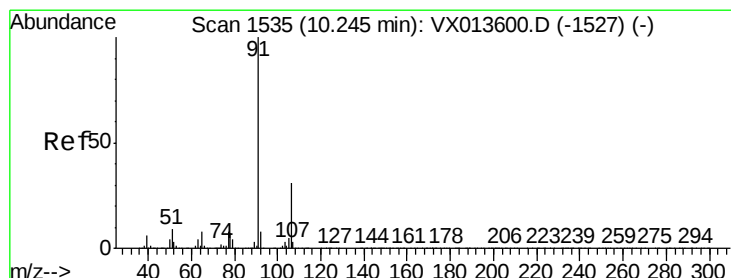
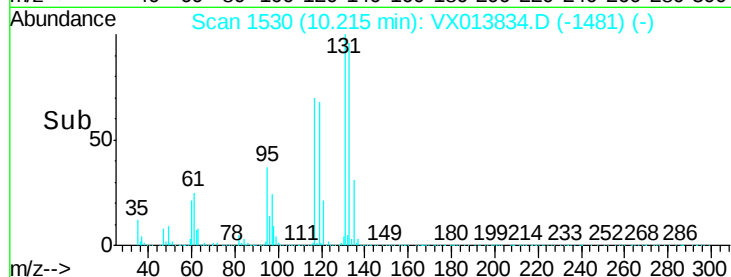
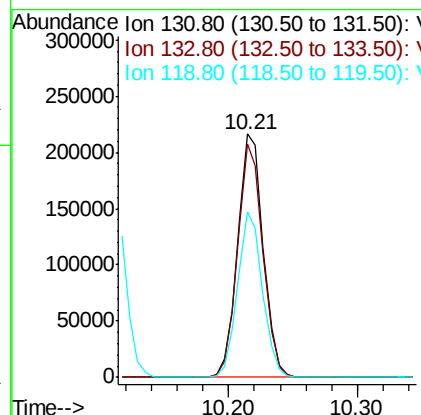
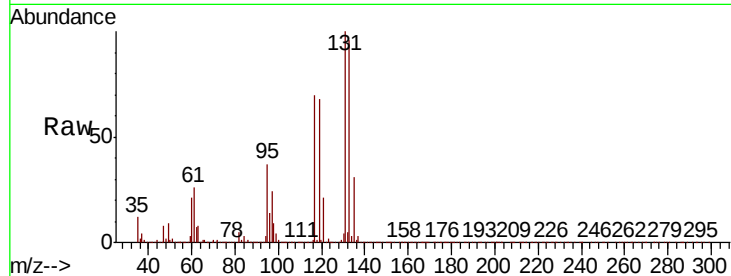
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.737 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.7	143.1
119	66.1	32.9	98.6

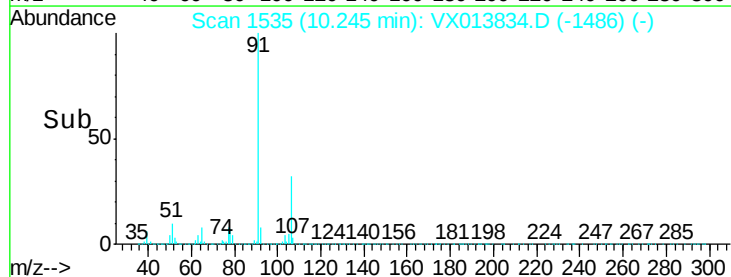
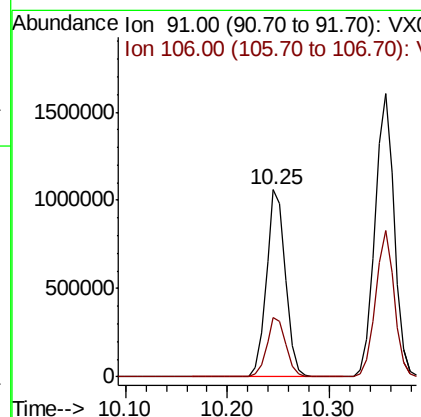
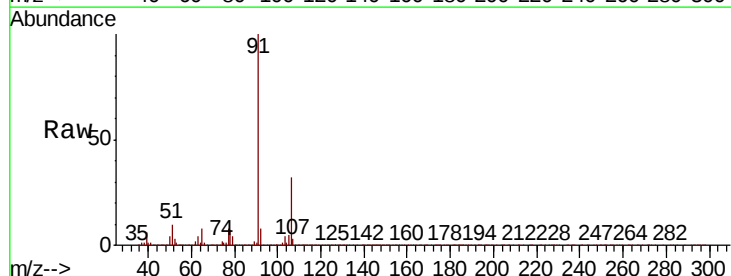
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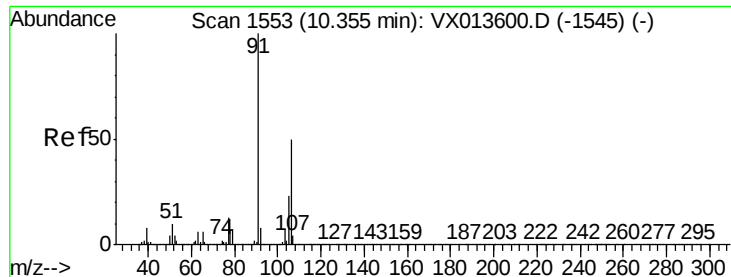
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#67
 Ethyl Benzene
 Concen: 50.123 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.5	36.7





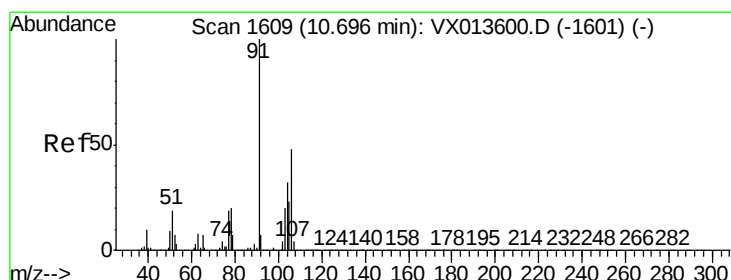
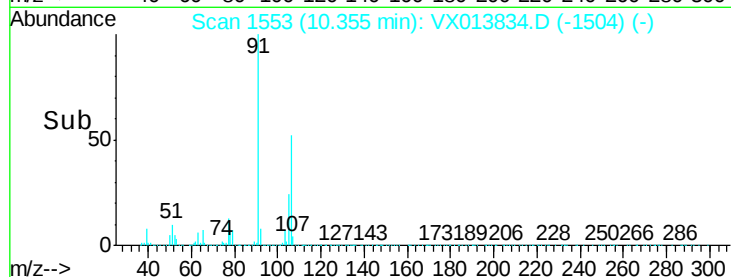
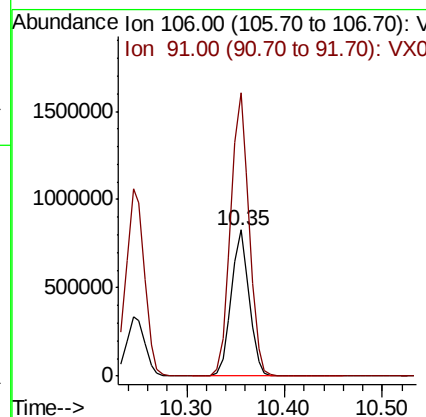
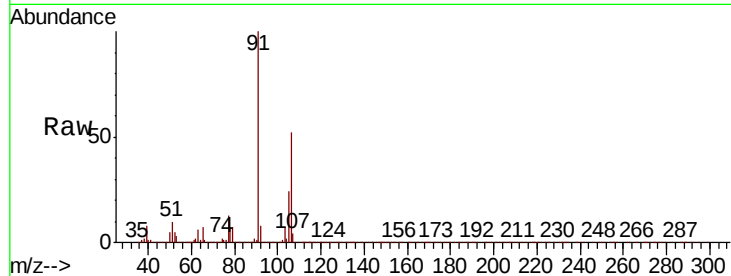
#68
m/p-Xylenes
Concen: 100.077 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion:106 Resp: 1057550
Ion Ratio Lower Upper
106 100
91 198.2 159.0 238.4

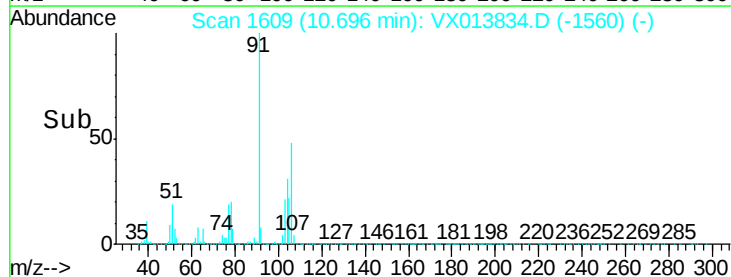
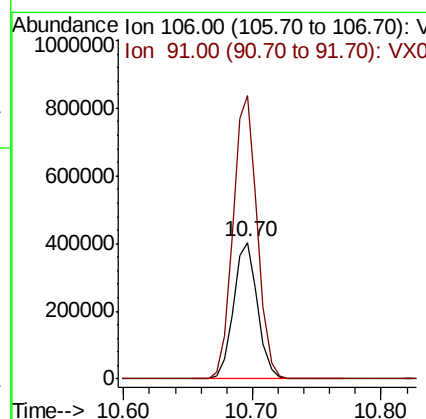
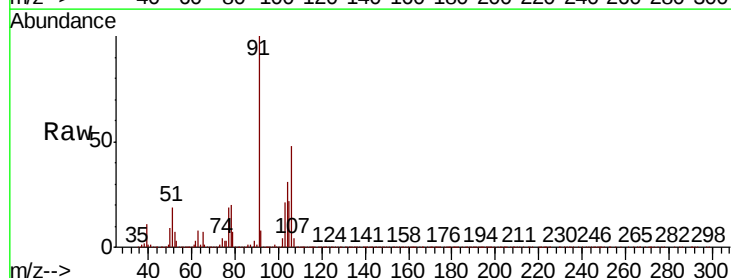
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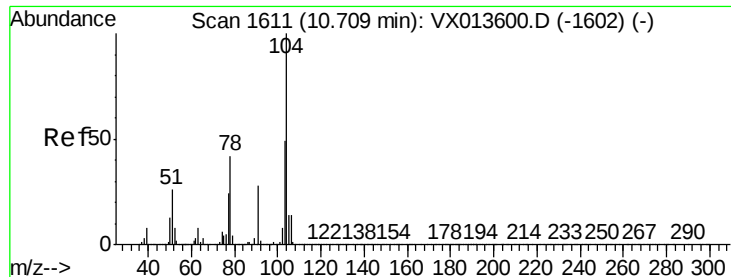
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#69
o-Xylene
Concen: 50.674 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion:106 Resp: 522264
Ion Ratio Lower Upper
106 100
91 209.4 104.1 312.2





#70

Stvrene

Concen: 51.359 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

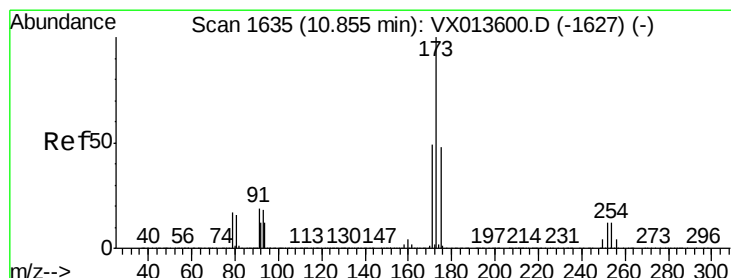
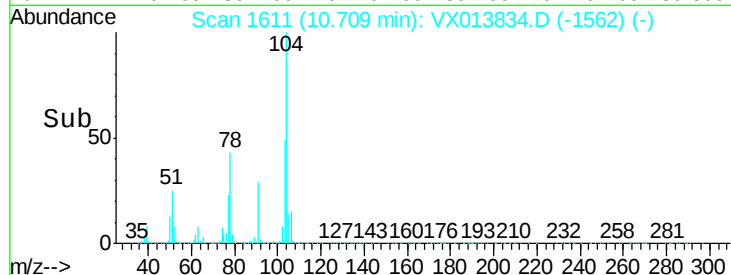
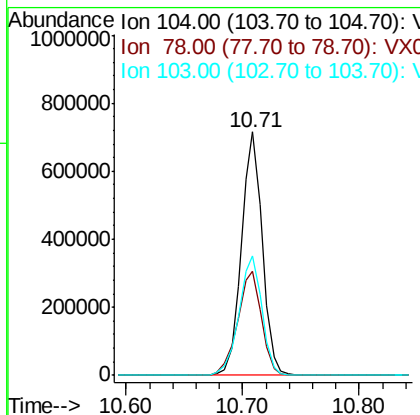
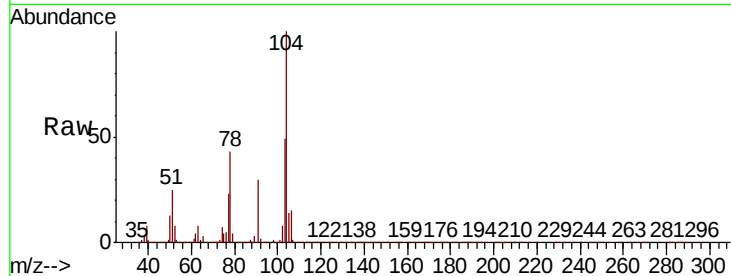
ClientSampleId :

RE131D2-20191204MSD

Tot Ion:	104	Resp:	890417
Ion Ratio	Lower	Upper	
104	100		
78	48.7	38.5	57.7
103	54.1	43.7	65.5

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#71

Bromoform

Concen: 52.838 ug/l

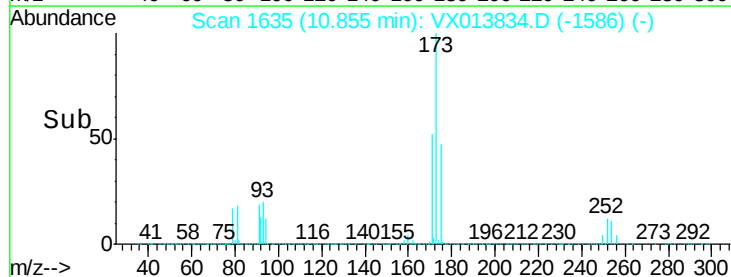
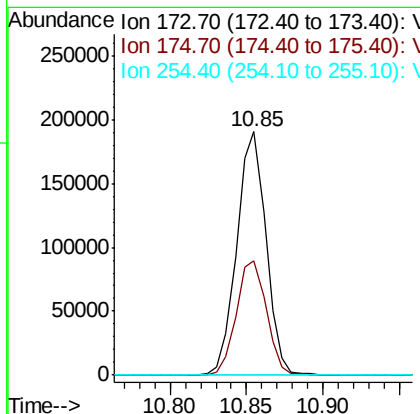
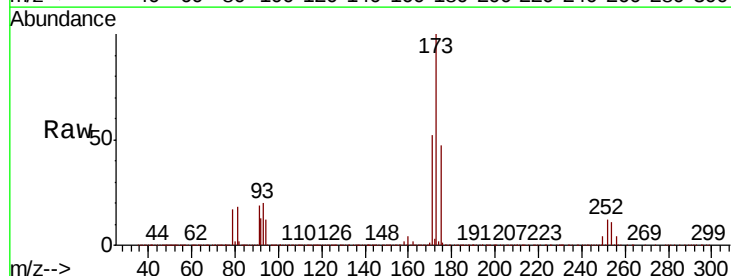
RT: 10.85 min Scan# 1635

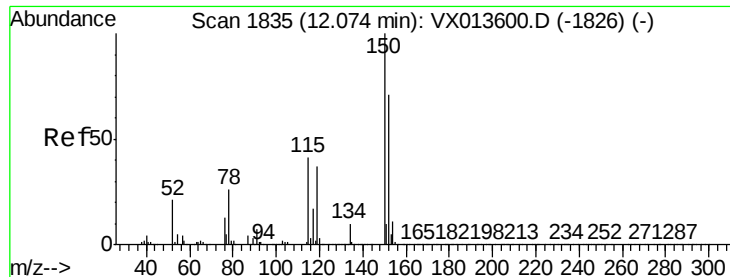
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion:	173	Resp:	252165
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.8
254	0.2	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: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

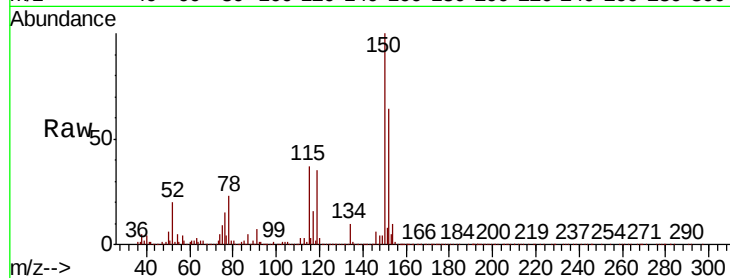
ClientSampleId :

RE131D2-20191204MSD

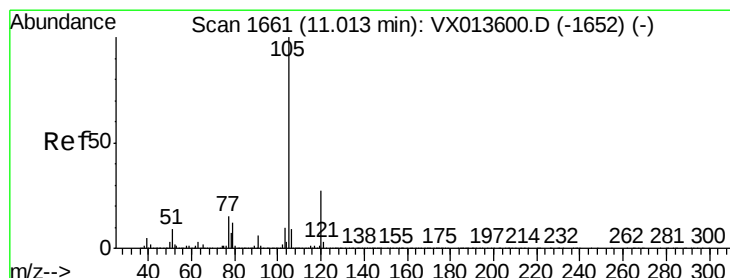
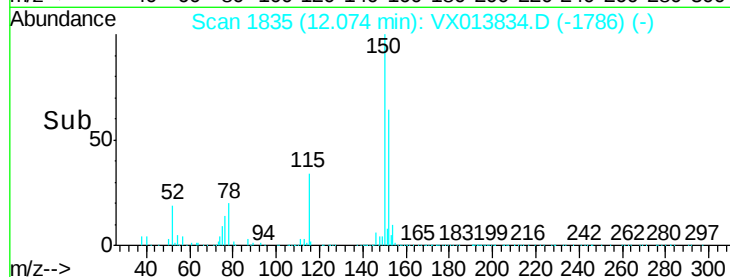
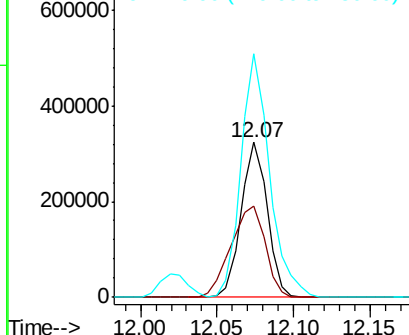
Tot Ion:	152	Resp:	383563
Ion Ratio	Lower	Upper	
152	100		
115	77.1	38.4	115.1
150	172.1	0.0	346.8

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



#73

Isopropylbenzene

Concen: 50.558 ug/l

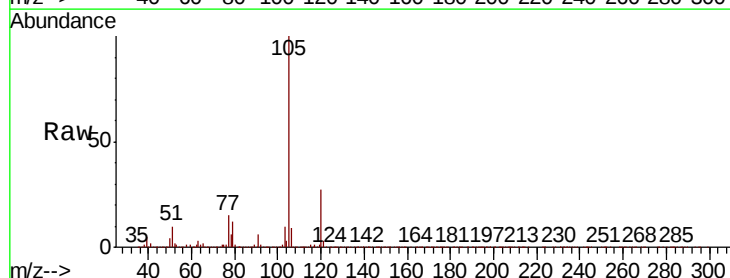
RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

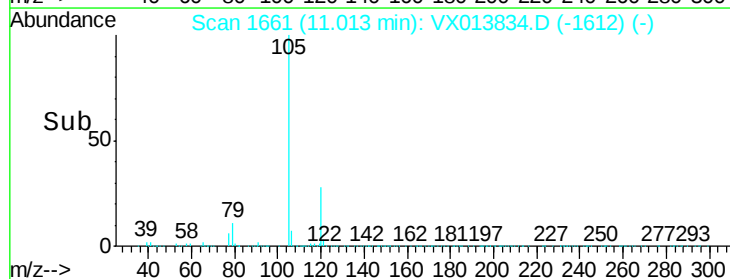
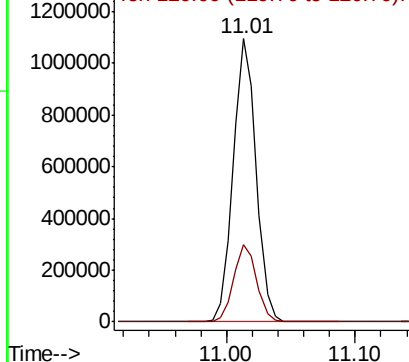
Lab File: VX013834.D

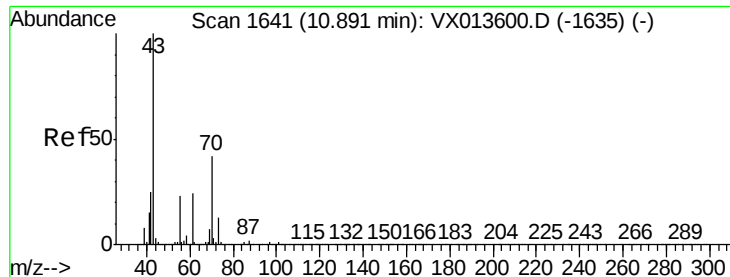
Acq: 07 Dec 2019 05:27

Tgt Ion:	105	Resp:	1360280
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.419 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

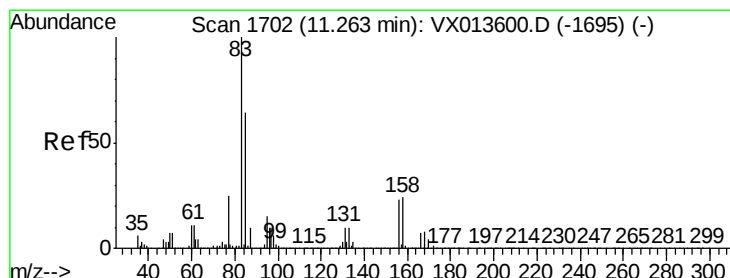
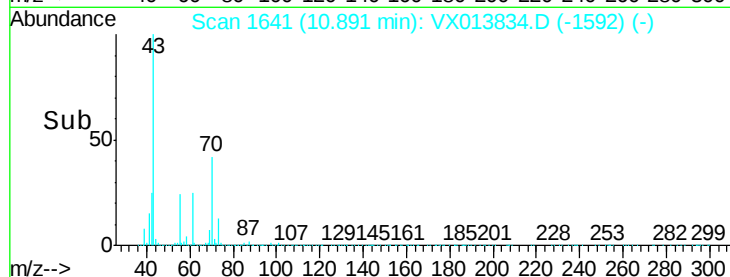
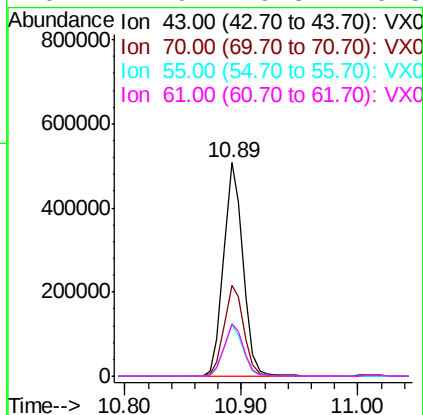
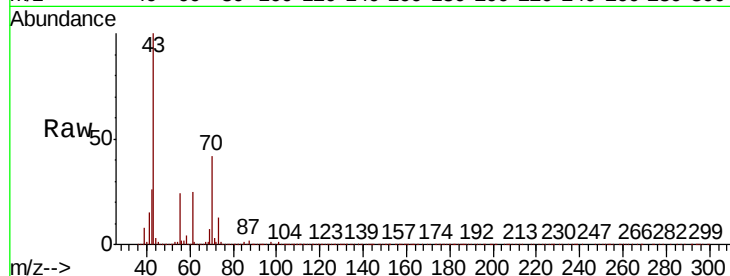
ClientSampleId :

RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.3	51.5
55	24.1	18.5	27.7
61	24.9	19.8	29.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.588 ug/l

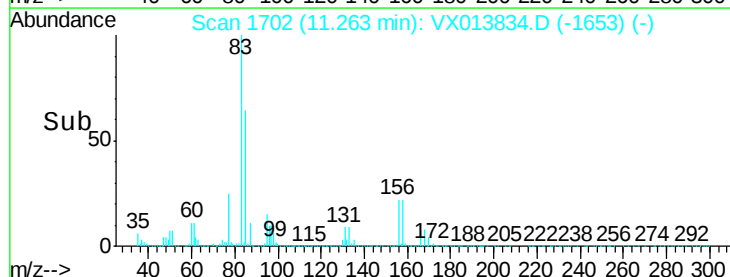
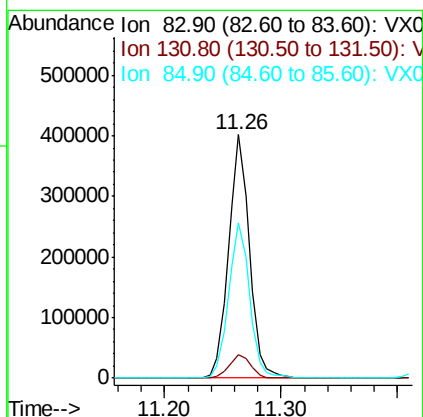
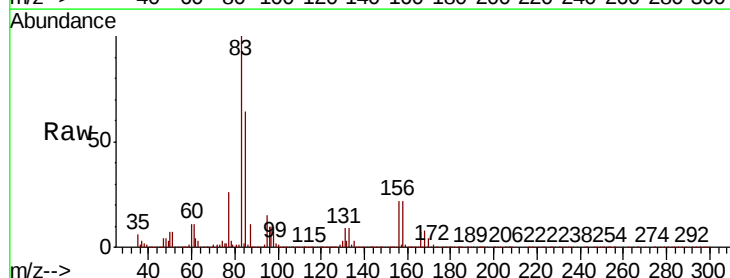
RT: 11.26 min Scan# 1702

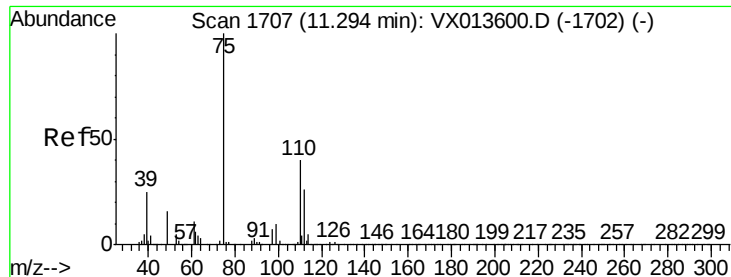
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	64.3	31.8	95.3





#76

1,2,3-Trichloropropane

Concen: 51.924 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 75 Resp: 447952

Ion Ratio Lower Upper

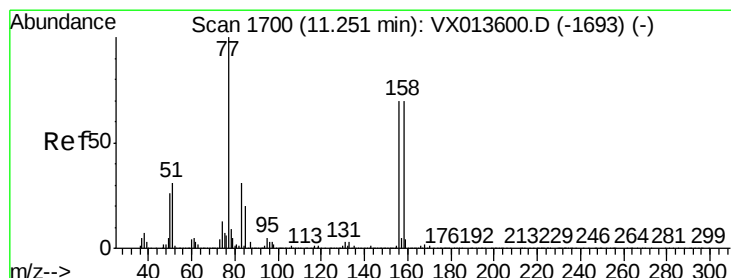
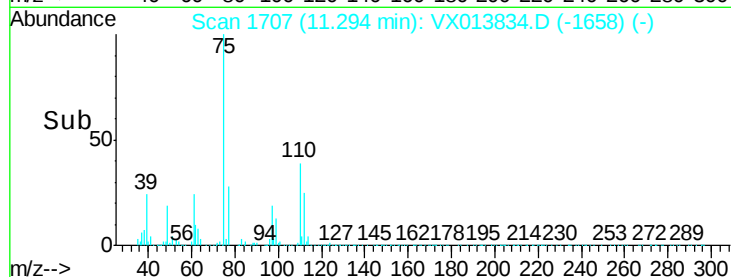
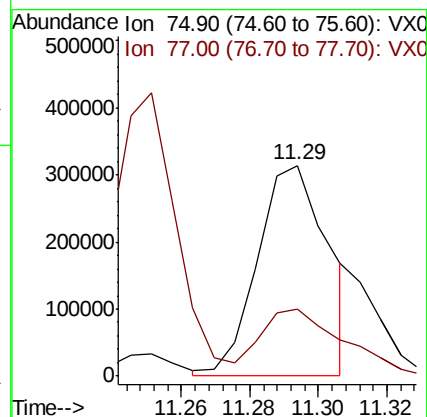
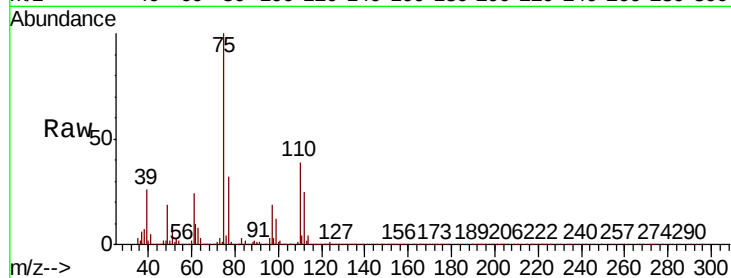
75 100

77 37.6 19.1 57.5

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#77

Bromobenzene

Concen: 50.213 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

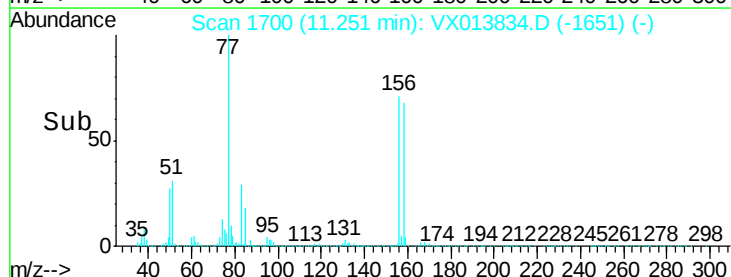
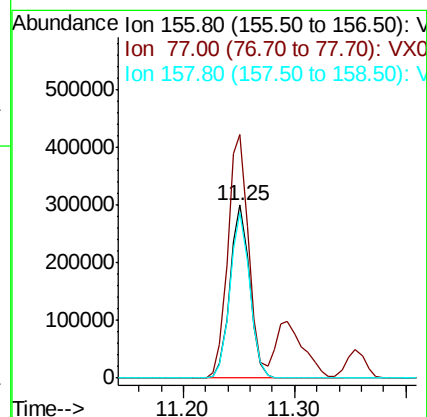
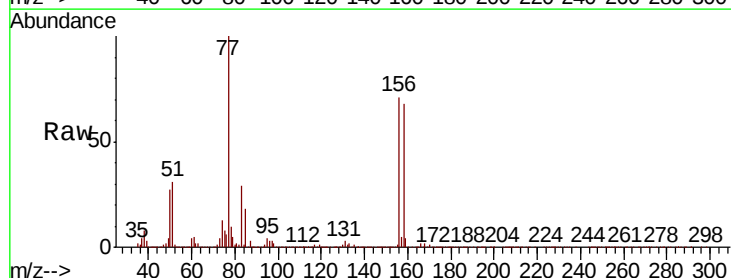
Tgt Ion: 156 Resp: 364976

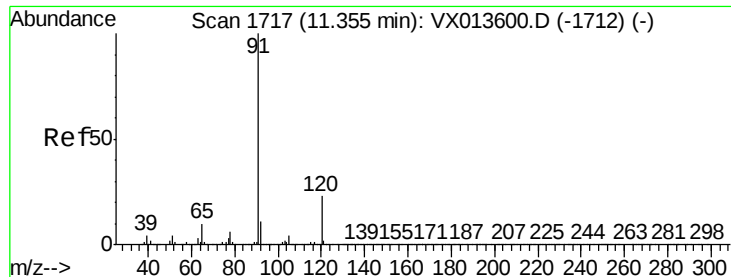
Ion Ratio Lower Upper

156 100

77 149.2 74.4 223.1

158 96.6 48.9 146.6





#78

n-propylbenzene

Concen: 50.415 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 91 Resp: 1514217

Ion Ratio Lower Upper

91 100

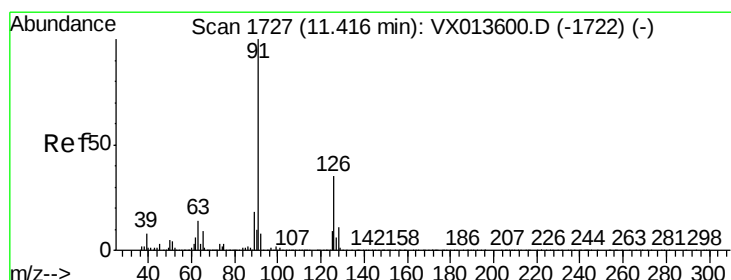
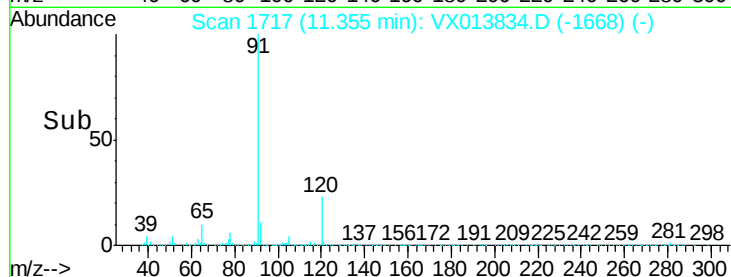
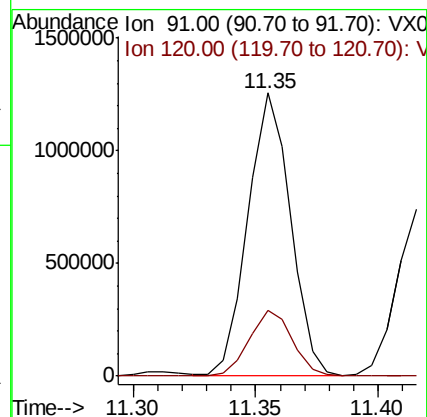
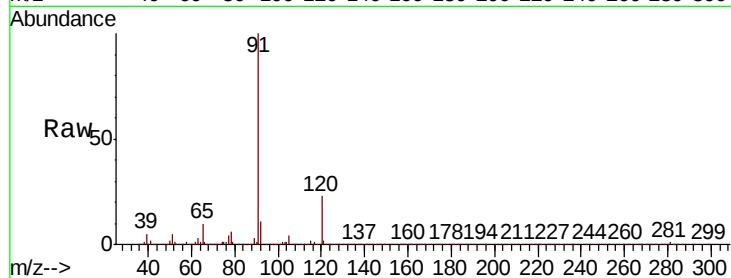
120 23.5 11.8 35.3

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#79

2-Chlorotoluene

Concen: 50.372 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013834.D

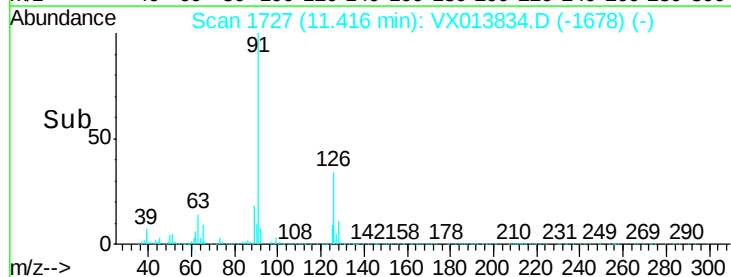
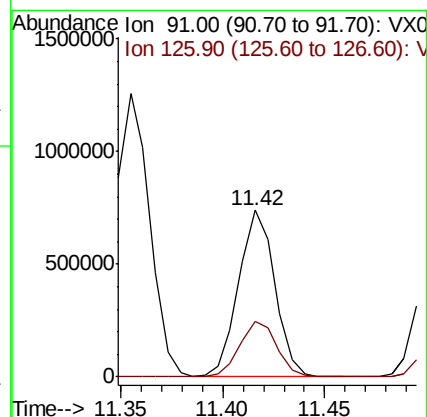
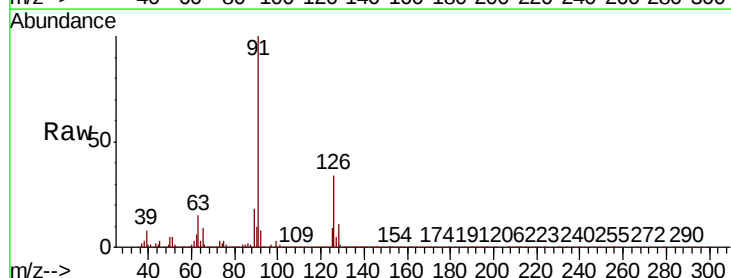
Acq: 07 Dec 2019 05:27

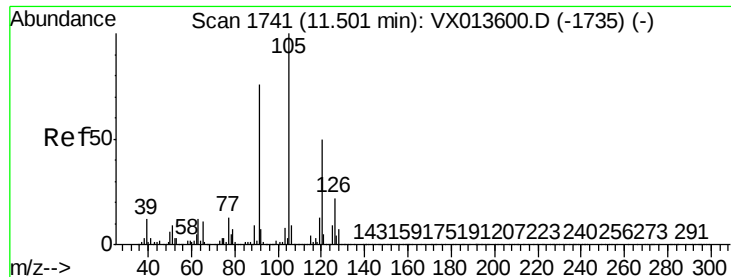
Tgt Ion: 91 Resp: 907549

Ion Ratio Lower Upper

91 100

126 34.3 17.5 52.5





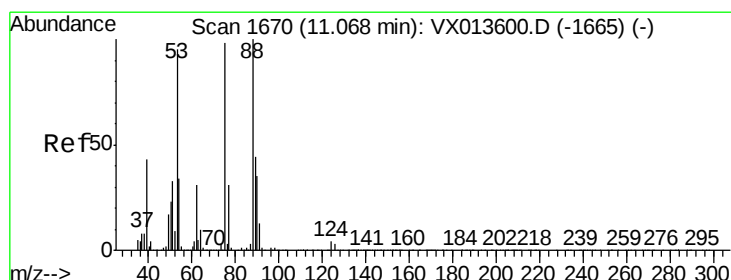
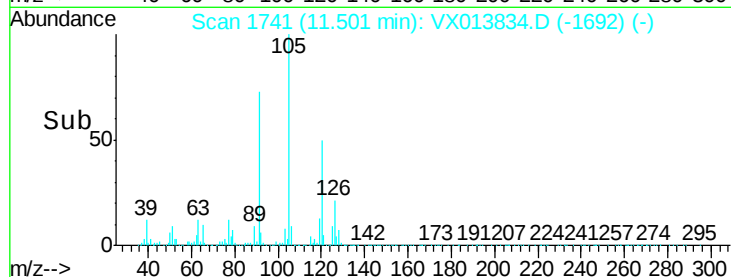
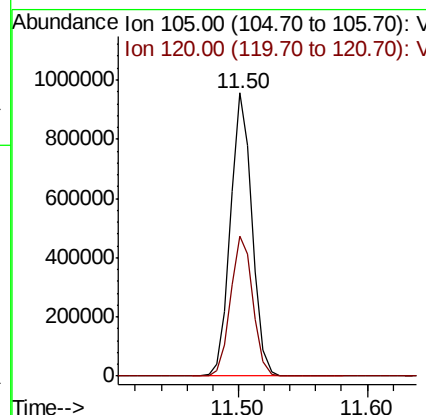
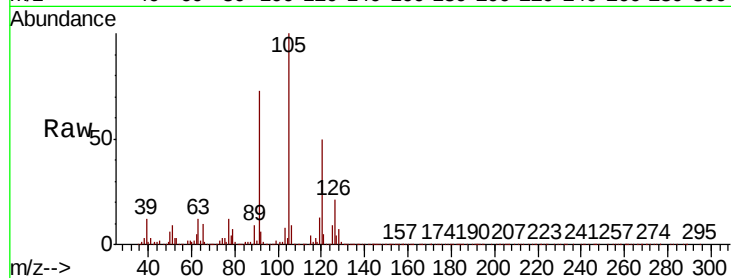
#80
 1,3,5-Trimethylbenzene
 Concen: 51.104 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion:105 Resp: 1126915
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.3 75.9

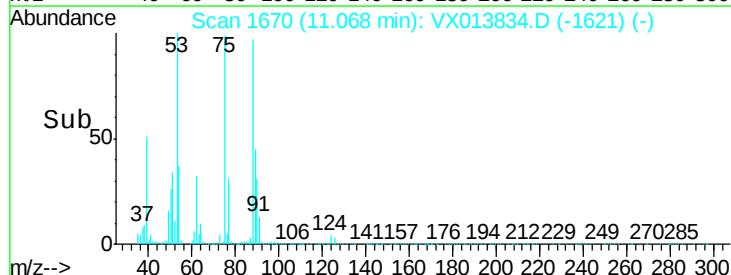
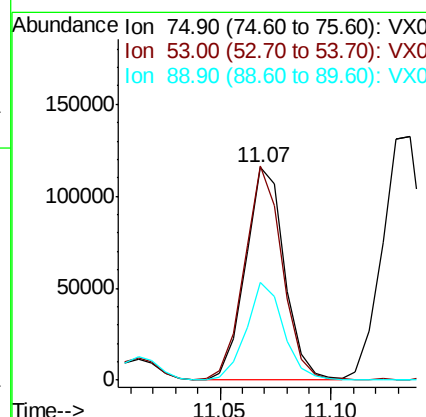
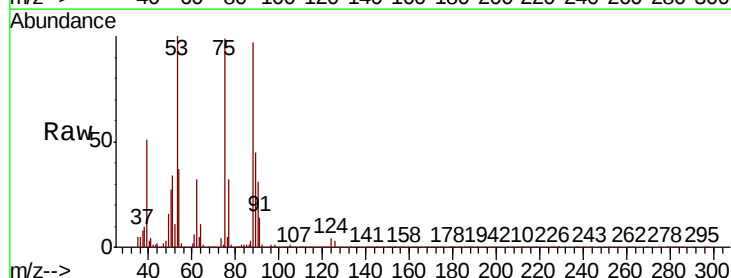
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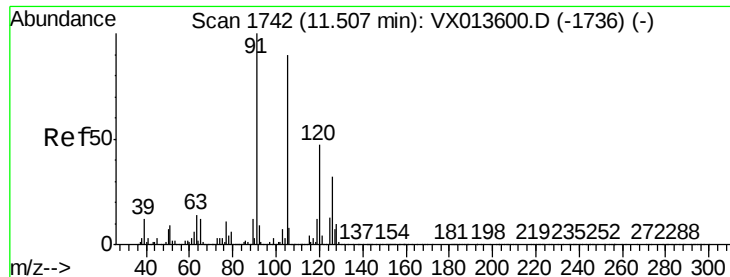
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.377 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion: 75 Resp: 139936
 Ion Ratio Lower Upper
 75 100
 53 97.8 78.2 117.2
 89 43.9 35.4 53.2





#82

4-Chlorotoluene

Concen: 49.619 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion: 91 Resp: 1035439

Ion Ratio Lower Upper

91 100

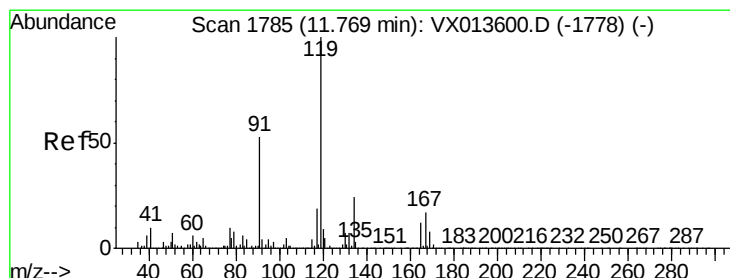
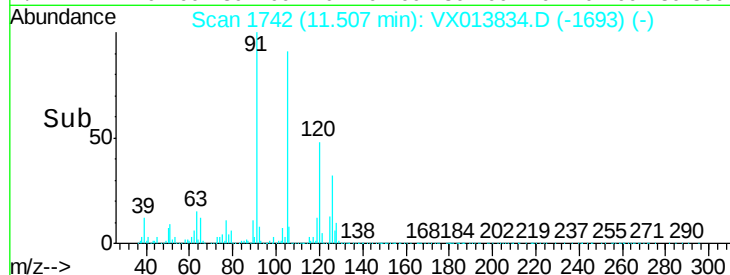
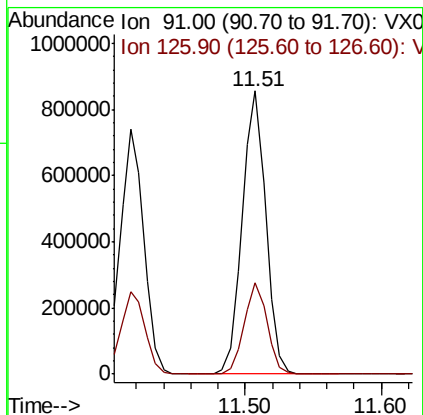
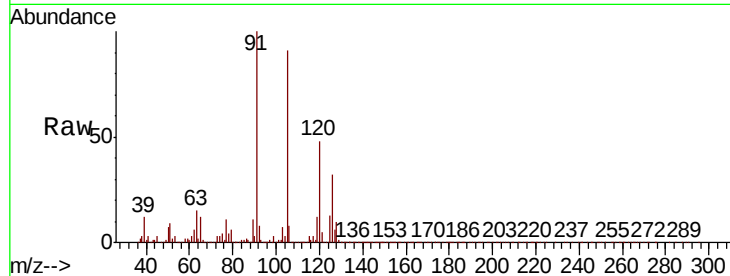
126 31.4 15.7 47.0

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#83

tert-Butylbenzene

Concen: 51.344 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

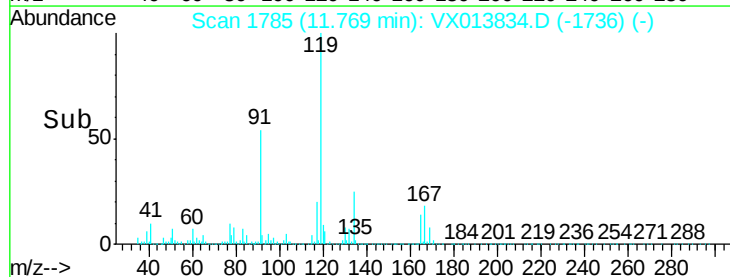
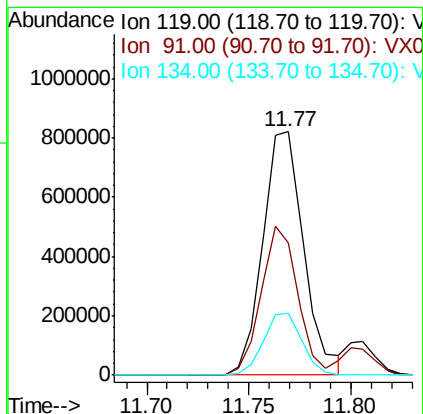
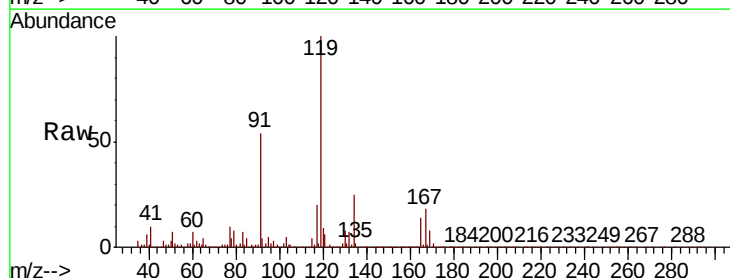
Tgt Ion: 119 Resp: 1150660

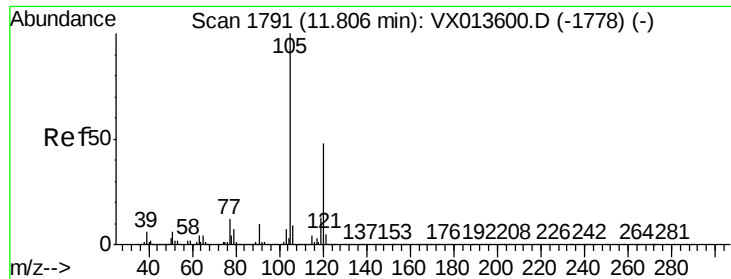
Ion Ratio Lower Upper

119 100

91 54.7 27.2 81.6

134 24.0 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.322 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191204MSD

Tot Ion:105 Resp: 1126200

Ion Ratio Lower Upper

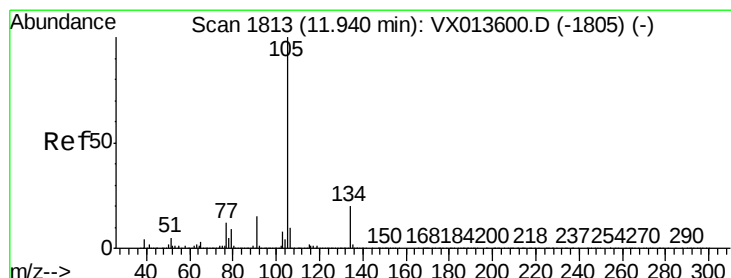
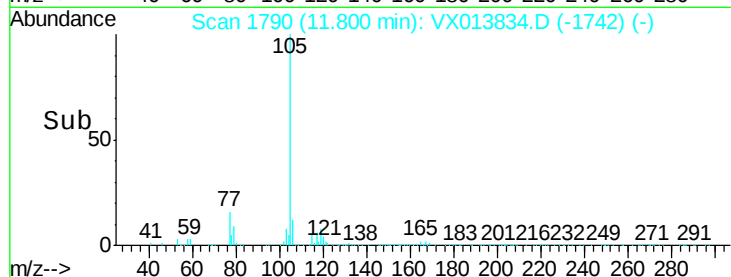
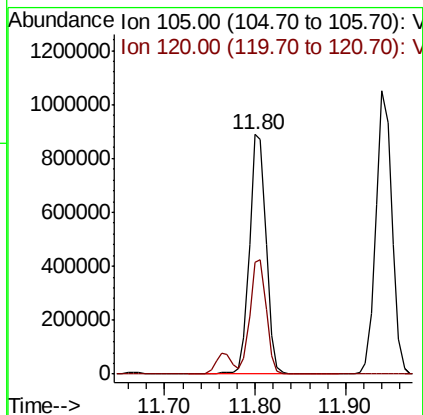
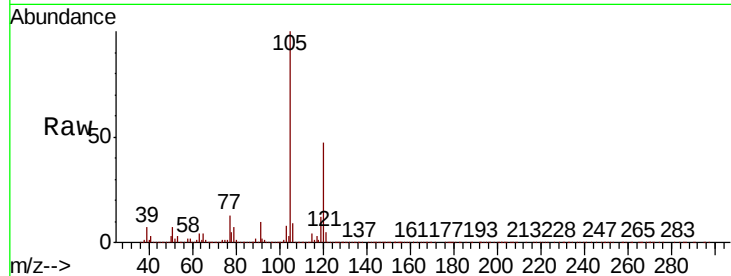
105 100

120 46.7 23.1 69.3

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#85

sec-Butylbenzene

Concen: 50.335 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013834.D

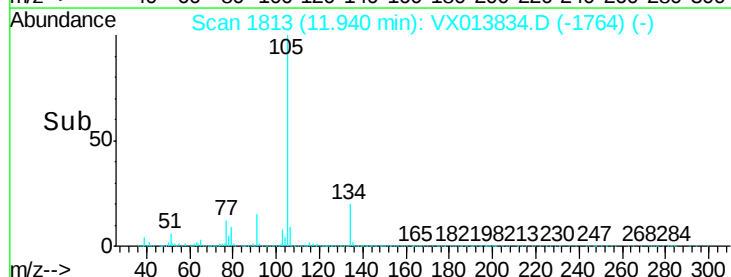
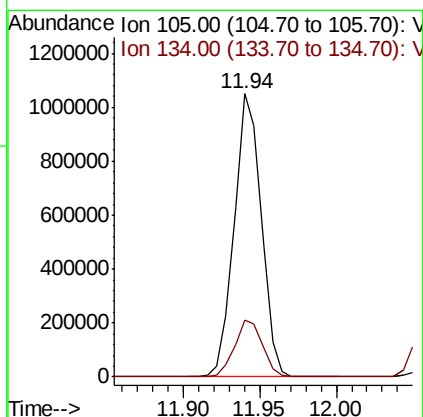
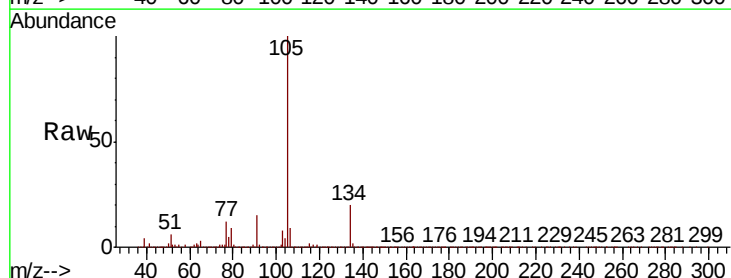
Acq: 07 Dec 2019 05:27

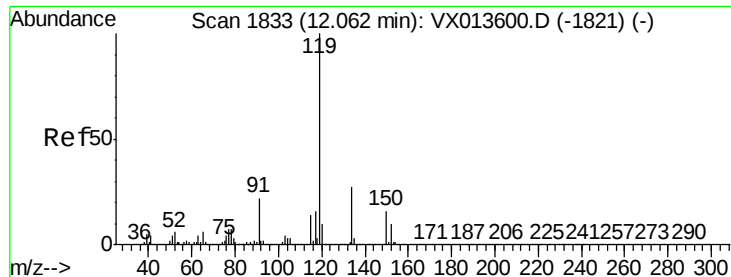
Tgt Ion:105 Resp: 1288481

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2





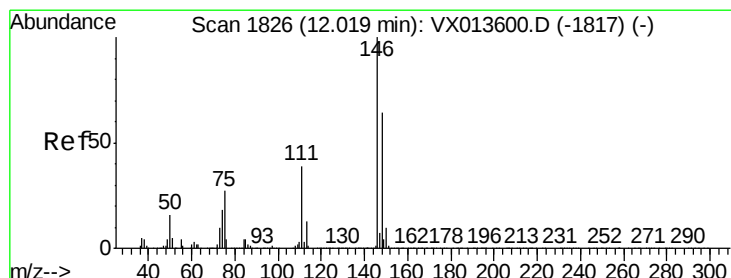
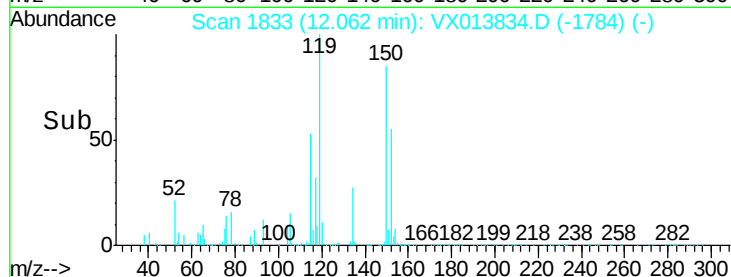
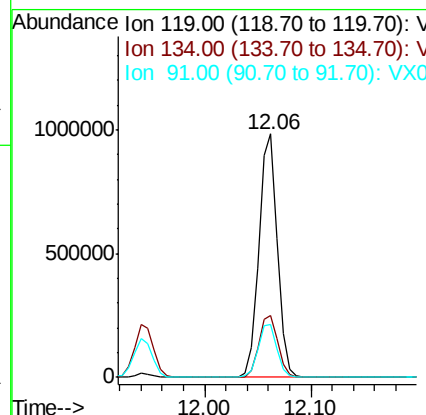
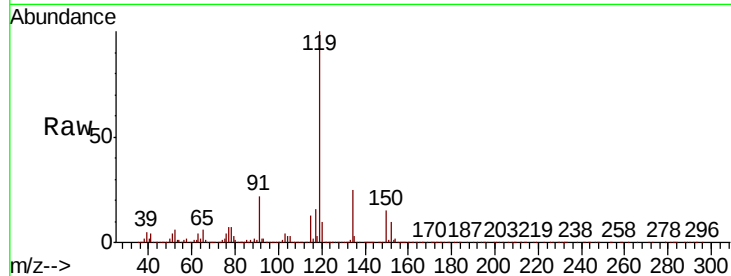
#86
p-Isopropyltoluene
Concen: 49.849 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	22.4	11.3	33.8

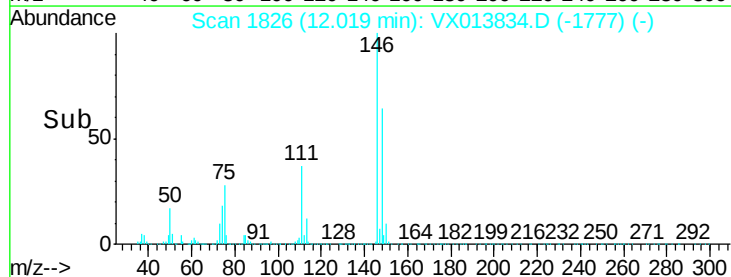
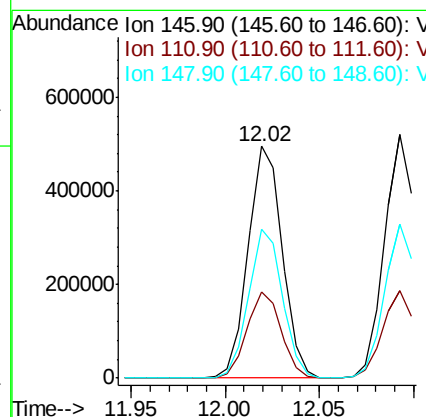
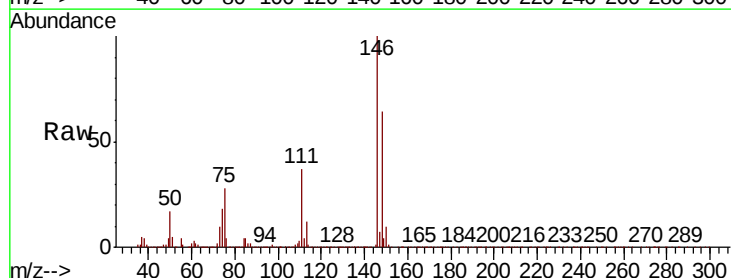
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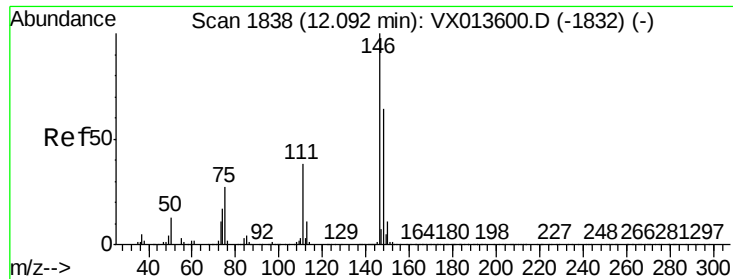
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#87
1,3-Dichlorobenzene
Concen: 49.244 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.0	57.0
148	63.6	31.8	95.4





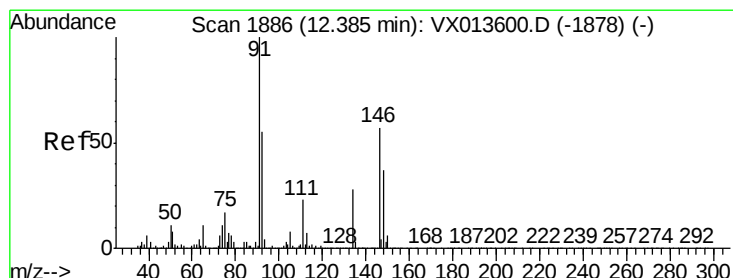
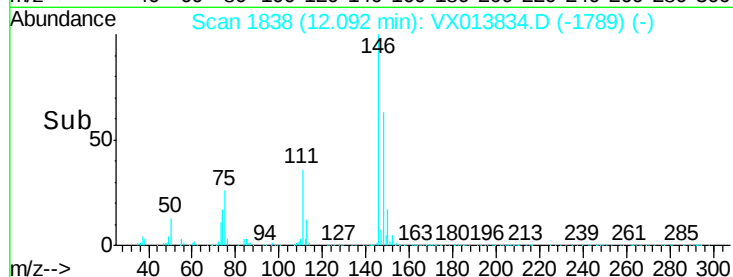
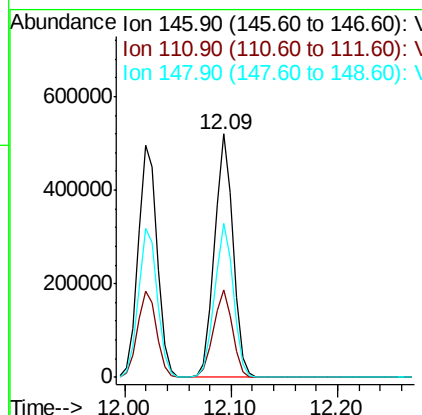
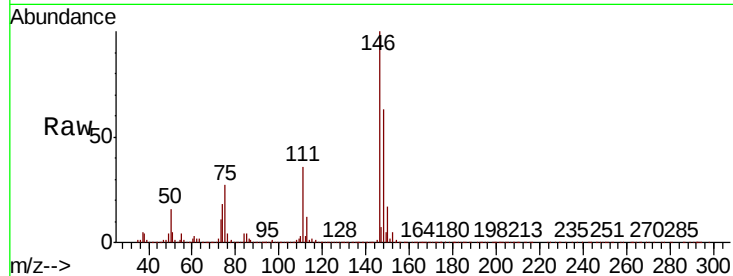
#88
 1,4-Dichlorobenzene
 Concen: 47.991 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.9
148	63.7	31.9	95.5

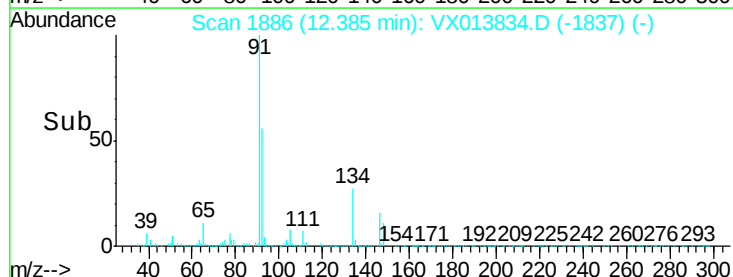
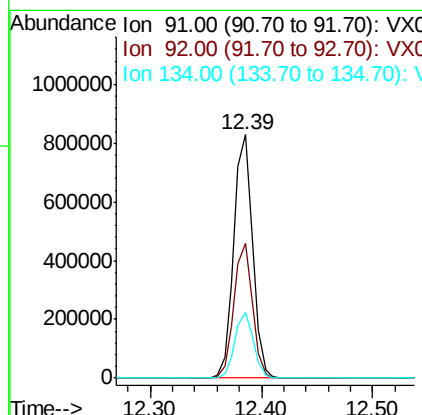
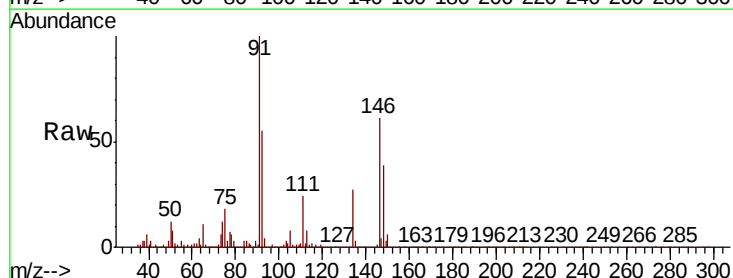
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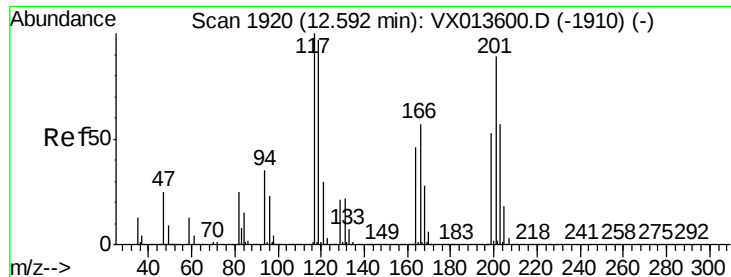
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#89
 n-Butylbenzene
 Concen: 47.630 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	26.9	13.5	40.4





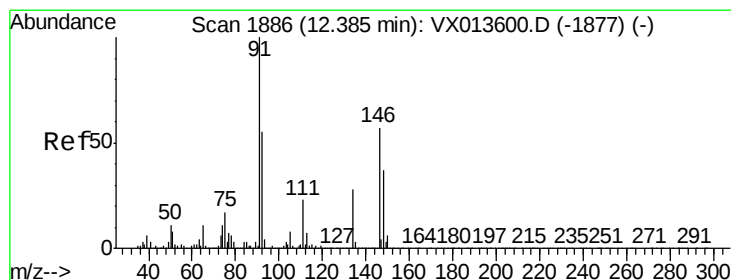
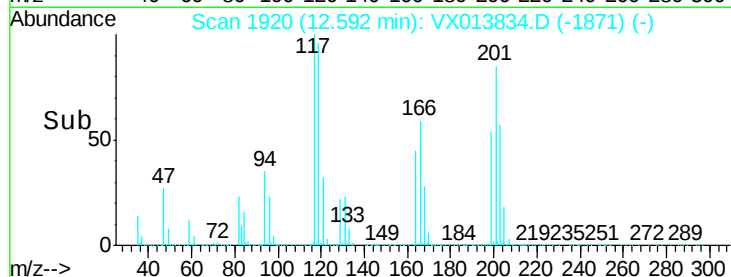
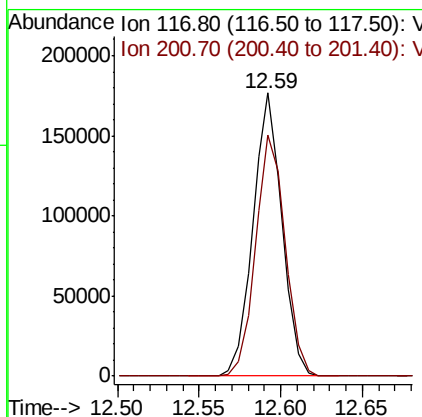
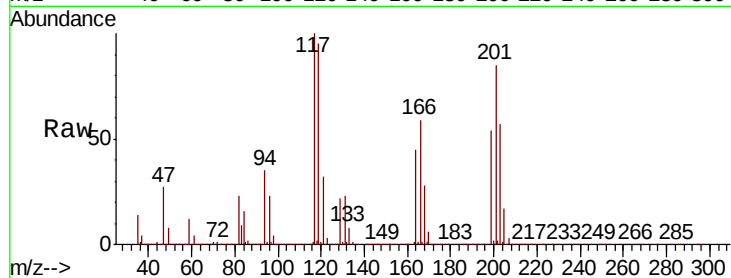
#90
Hexachloroethane
Concen: 50.456 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191204MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	217182		
201	87.4	44.1	132.4	

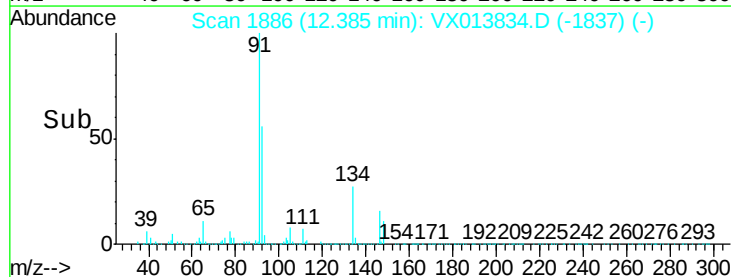
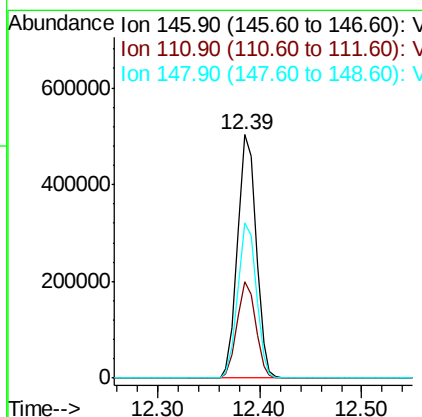
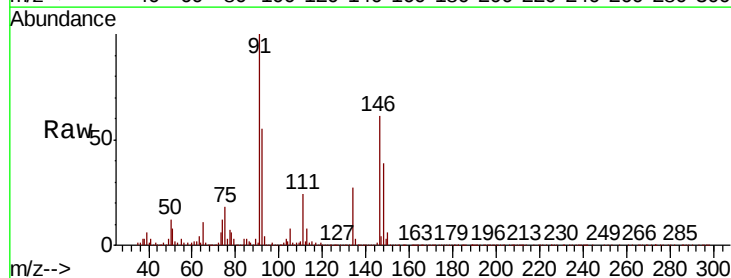
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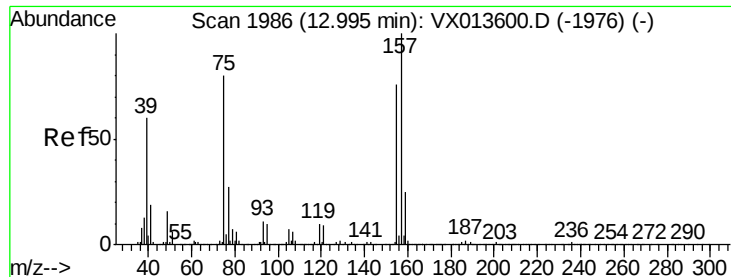
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#91
1,2-Dichlorobenzene
Concen: 50.269 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013834.D
Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	629305		
111	39.6	19.6	58.7	
148	64.1	31.9	95.7	





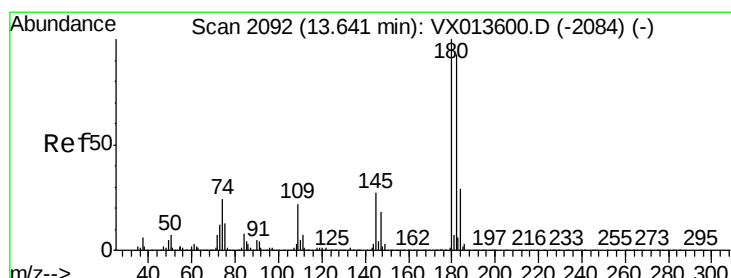
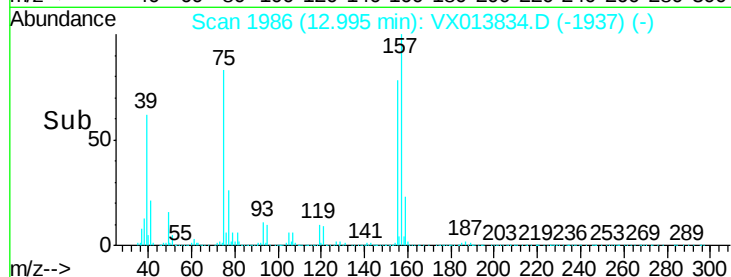
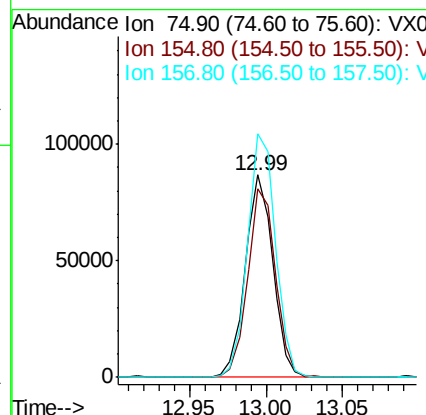
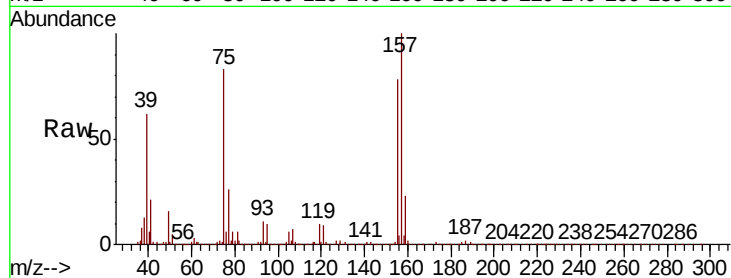
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.269 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.6	142.8
157	122.3	62.1	186.2

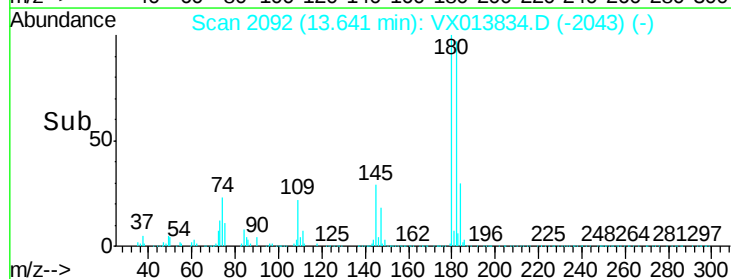
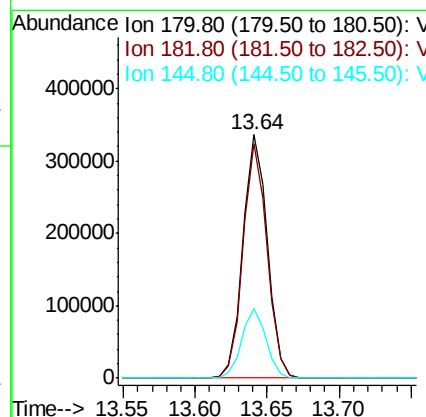
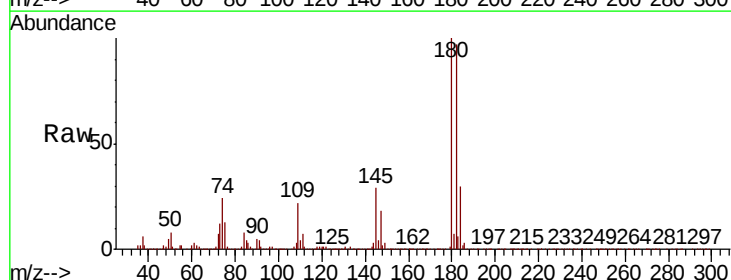
Manual Integrations
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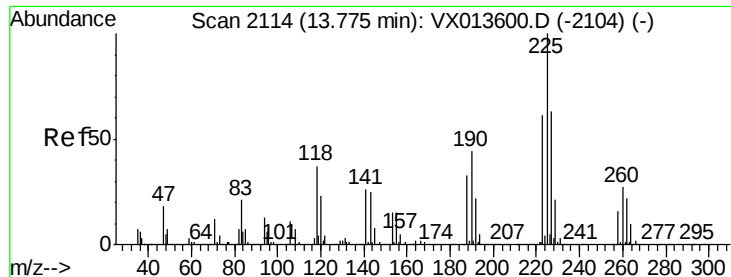
apatel
 12/9/2019 9:08:25 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.600 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.2	141.6
145	28.4	13.8	41.4





#94

Hexachlorobutadiene

Concen: 43.648 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Instrument :

MSVOA_X

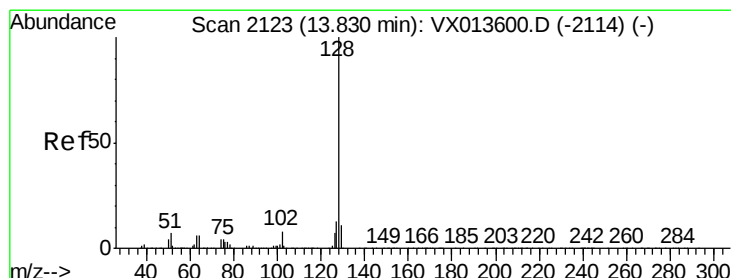
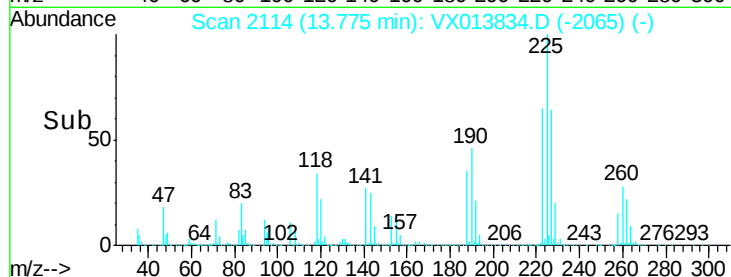
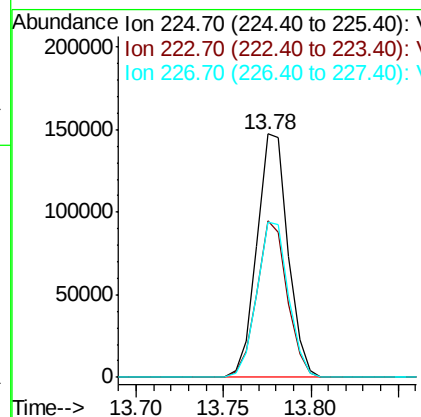
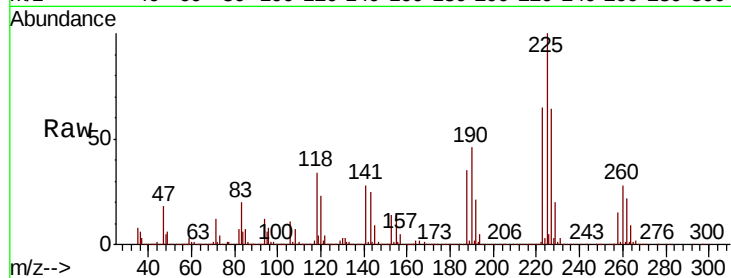
ClientSampleId :

RE131D2-20191204MSD

Tot Ion:	225	Resp:	182936
Ion Ratio		Lower	Upper
225	100		
223	62.9	31.9	95.5
227	64.8	32.1	96.3

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#95

Naphthalene

Concen: 48.392 ug/l

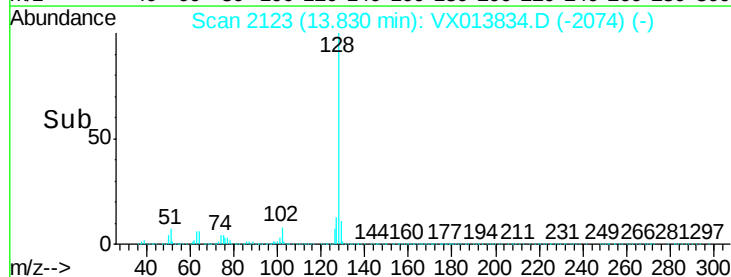
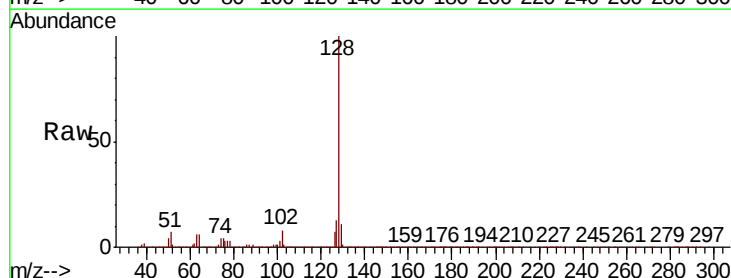
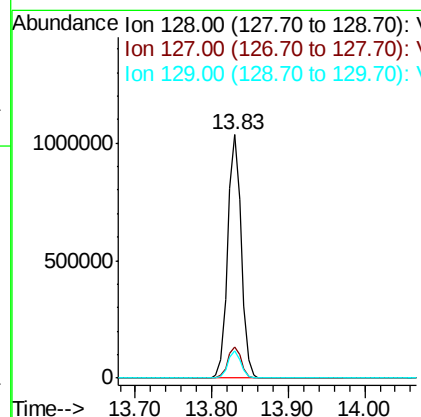
RT: 13.83 min Scan# 2123

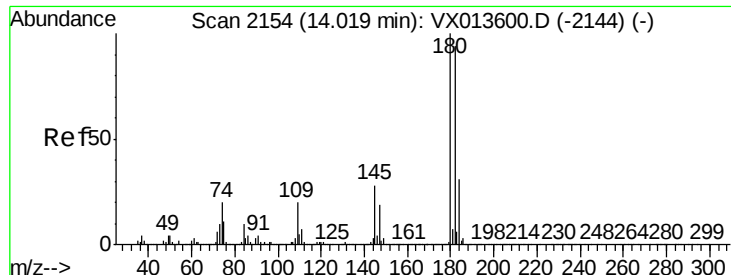
Delta R.T. 0.00 min

Lab File: VX013834.D

Acq: 07 Dec 2019 05:27

Tgt Ion:	128	Resp:	1257352
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1





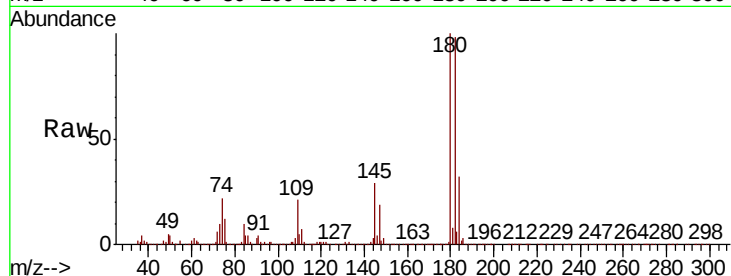
#96
 1,2,3-Trichlorobenzene
 Concen: 46.633 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VX013834.D
 Acq: 07 Dec 2019 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191204MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	97.4	47.6	142.8
145	30.5	15.0	45.0

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

