

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013465.D
 Acq On : 19 Nov 2019 15:35
 Operator : JC/SP
 Sample : K5929-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:18:05 AM

Quant Time: Nov 19 16:37:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	665087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1015740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	906280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	371509	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.48	113	313287	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	1180421	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	419402	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	319195	41.653	ug/l	100
3) Chloromethane	1.31	50	351804	42.334	ug/l	97
4) Vinyl Chloride	1.40	62	428800	45.324	ug/l	100
5) Bromomethane	1.63	94	282570	42.859	ug/l	100
6) Chloroethane	1.71	64	233067	42.927	ug/l	99
7) Trichlorofluoromethane	1.92	101	478712	42.828	ug/l	98
8) Diethyl Ether	2.18	74	223043	45.125	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298804	47.963	ug/l	98
10) Methyl Iodide	2.50	142	365645	47.406	ug/l	97
11) Tert butyl alcohol	3.03	59	446619	215.056	ug/l	100
12) 1,1-Dichloroethene	2.36	96	289653	47.478	ug/l	99
13) Acrolein	2.28	56	240042	213.268	ug/l	98
14) Allyl chloride	2.72	41	549287	49.553	ug/l	95
15) Acrylonitrile	3.13	53	986454	254.287	ug/l	98
16) Acetone	2.43	43	833013	211.957	ug/l	100
17) Carbon Disulfide	2.56	76	706402	43.261	ug/l	99
18) Methyl Acetate	2.76	43	556506	51.290	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1025158	50.382	ug/l	93
20) Methylene Chloride	2.84	84	335124	46.152	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	311379	46.876	ug/l	99
22) Diisopropyl ether	3.84	45	1098013	51.308	ug/l	90
23) Vinyl Acetate	3.80	43	4584334	250.342	ug/l	100
24) 1,1-Dichloroethane	3.69	63	588988	49.199	ug/l	99
25) 2-Butanone	4.65	43	1382759	239.833	ug/l	100
26) 2,2-Dichloropropane	4.57	77	491191	51.576	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	372141	50.012	ug/l	98
28) Bromochloromethane	5.01	49	179509	52.810	ug/l	99
29) Tetrahydrofuran	5.11	42	891587	250.943	ug/l	100
30) Chloroform	5.20	83	582864	49.306	ug/l	96
31) Cyclohexane	5.57	56	538121	49.954	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	496421	48.797	ug/l	98
36) 1,1-Dichloropropene	5.79	75	427045	49.008	ug/l	99
37) Ethyl Acetate	4.82	43	567432	52.699	ug/l	99
38) Carbon Tetrachloride	5.78	117	422400	49.572	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	547210	50.399	ug/l	99
40) Benzene	6.13	78	1358080	50.034	ug/l	99
41) Methacrylonitrile	5.03	41	301828	50.012	ug/l	98
42) 1,2-Dichloroethane	6.18	62	476904	48.710	ug/l	100
43) Isopropyl Acetate	6.43	43	858896	51.227	ug/l	100
44) Trichloroethene	7.20	130	357813	47.890	ug/l	97
45) 1,2-Dichloropropane	7.51	63	351378	50.807	ug/l	99
46) Dibromomethane	7.65	93	227045	48.082	ug/l	98
47) Bromodichloromethane	7.89	83	461906	51.874	ug/l	97
48) Methyl methacrylate	7.76	41	429969	51.373	ug/l	97
49) 1,4-Dioxane	7.73	88	162989	850.356	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2739137	249.004	ug/l	99
52) Toluene	8.78	92	836922	49.748	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	518220	53.222	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	563319	51.720	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	352169	50.504	ug/l	99
56) Ethyl methacrylate	9.17	69	577058	48.522	ug/l	98
57) 1,3-Dichloropropane	9.37	76	591214	49.946	ug/l	99
59) 2-Hexanone	9.48	43	2095893	246.551	ug/l	99
60) Dibromochloromethane	9.57	129	380122	53.302	ug/l	98
61) 1,2-Dibromoethane	9.67	107	369054	49.842	ug/l	99
64) Tetrachloroethene	9.33	164	306083	47.178	ug/l	98
65) Chlorobenzene	10.14	112	912119	49.712	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	349535	51.883	ug/l	99
67) Ethyl Benzene	10.25	91	1590316	50.220	ug/l	99
68) m/p-Xylenes	10.35	106	1220392	101.902	ug/l	99
69) o-Xylene	10.70	106	590347	50.349	ug/l	99
70) Styrene	10.71	104	1015827	51.829	ug/l	99
71) Bromoform	10.85	173	297913	47.841	ug/l	98
73) Isopropylbenzene	11.01	105	1603901	53.209	ug/l	100
74) N-amyl acetate	10.89	43	754859	54.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	575437	52.328	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	531234m	57.528	ug/l	
77) Bromobenzene	11.25	156	412580	51.343	ug/l	99
78) n-propylbenzene	11.35	91	1791535	53.355	ug/l	100
79) 2-Chlorotoluene	11.42	91	1045358	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1329877	52.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	194712	54.274	ug/l	97
82) 4-Chlorotoluene	11.51	91	1185863	50.075	ug/l	99
83) tert-Butylbenzene	11.76	119	1349468	53.392	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1385001	54.989	ug/l	99
85) sec-Butylbenzene	11.94	105	1535075	52.846	ug/l	100
86) p-Isopropyltoluene	12.06	119	1417262	52.986	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	713080	49.782	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	709455	48.613	ug/l	99
89) n-Butylbenzene	12.39	91	1196163	51.250	ug/l	99
90) Hexachloroethane	12.59	117	257259	53.981	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	720405	50.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125576	46.872	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	480128	48.073	ug/l	98

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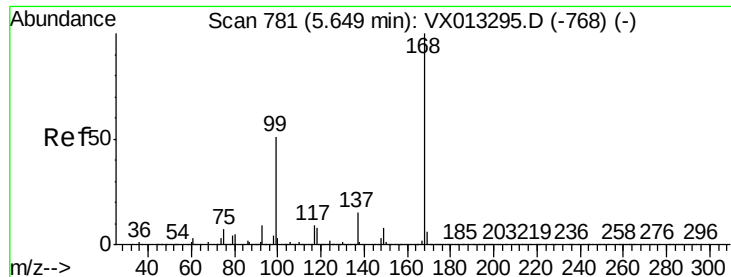
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	231823	47.444	ug/l	99
95) Naphthalene	13.83	128	1527273	48.739	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	485874	48.508	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion:168 Resp: 665087

Ion Ratio Lower Upper

168 100

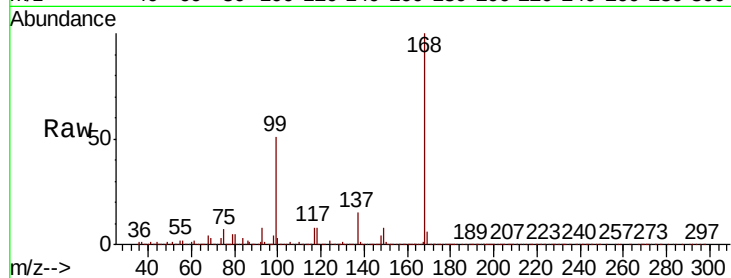
99 50.6 40.8 61.2

Manual Integrations

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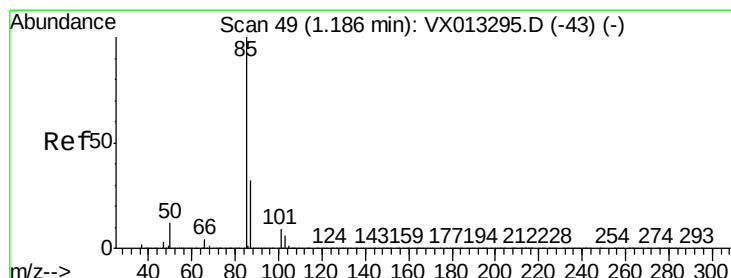
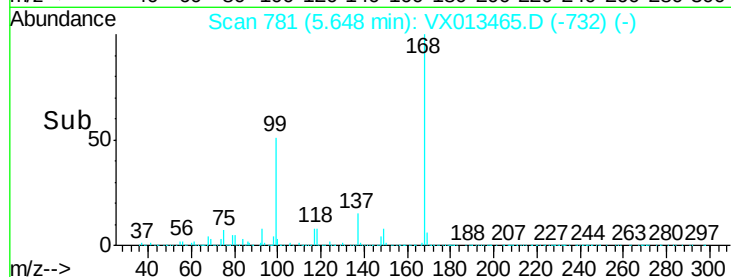
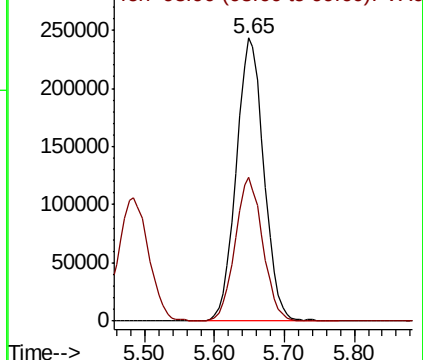
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.653 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013465.D

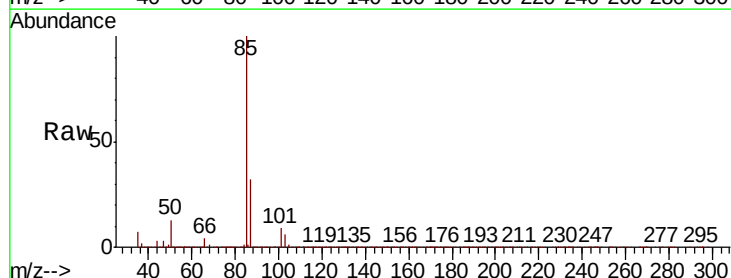
Acq: 19 Nov 2019 15:35

Tgt Ion: 85 Resp: 319195

Ion Ratio Lower Upper

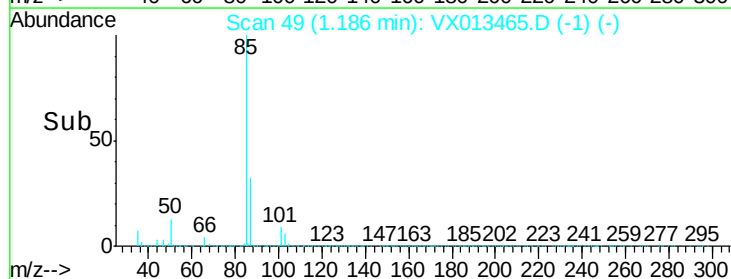
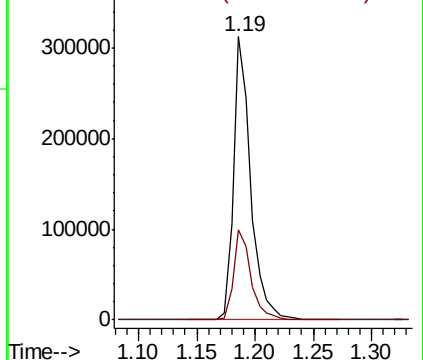
85 100

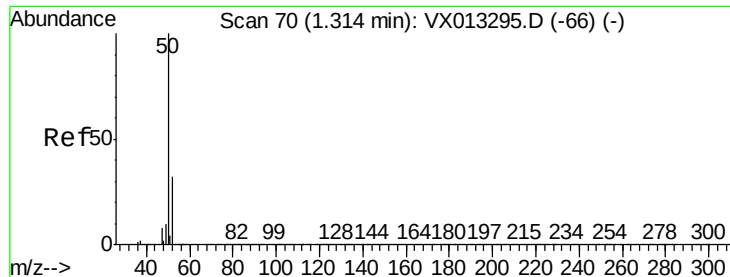
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.334 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 50 Resp: 351804

Ion Ratio Lower Upper

50 100

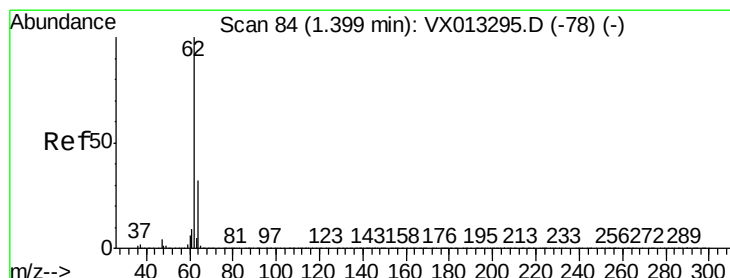
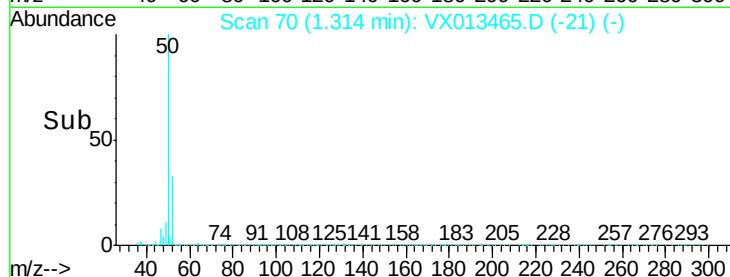
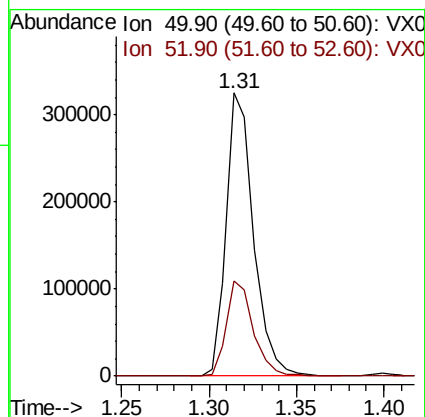
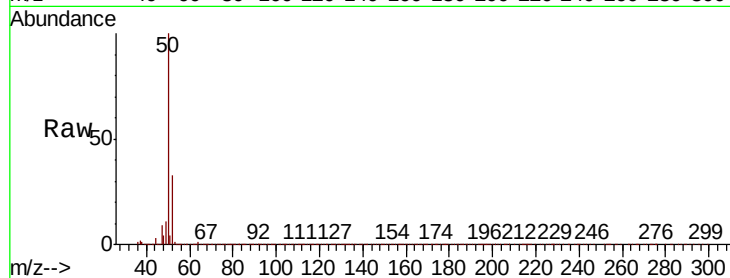
52 33.4 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.324 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013465.D

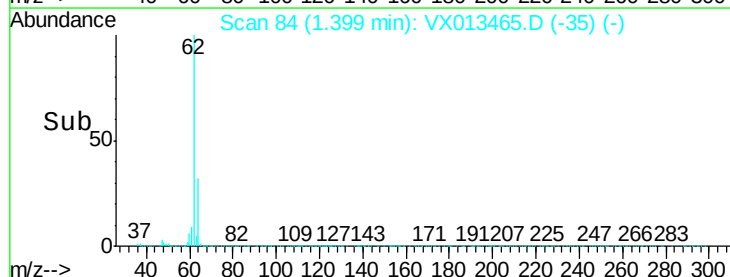
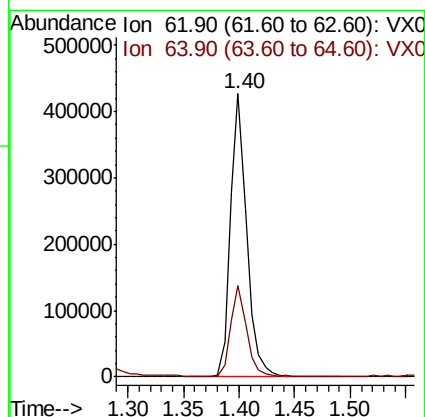
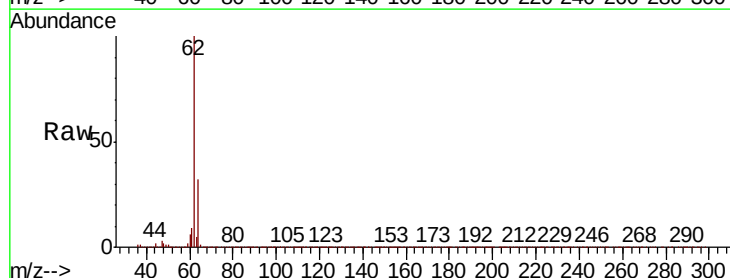
Acq: 19 Nov 2019 15:35

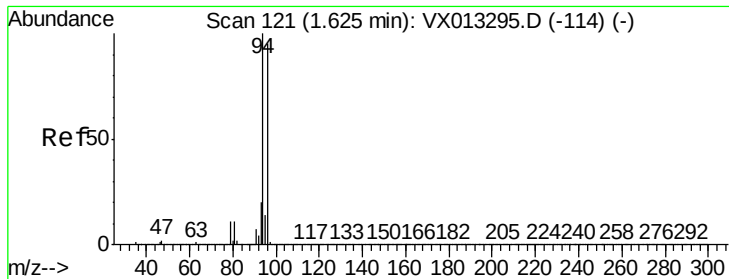
Tgt Ion: 62 Resp: 428800

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 42.859 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 94 Resp: 282570

Ion Ratio Lower Upper

94 100

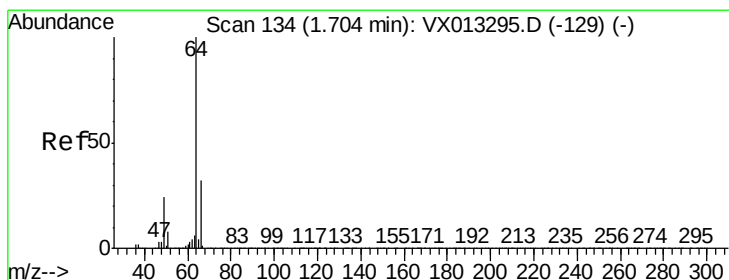
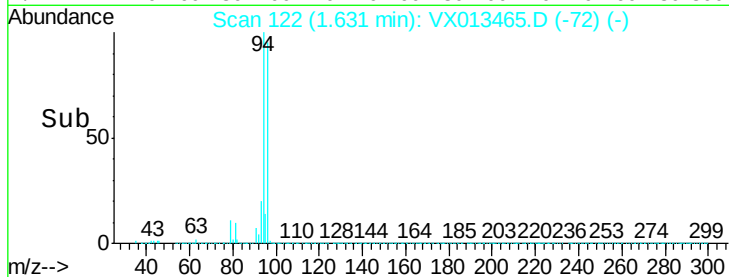
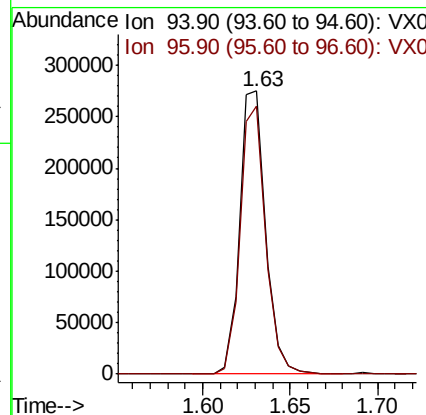
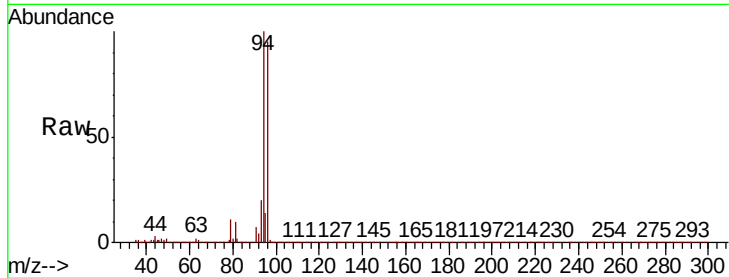
96 94.6 75.8 113.8

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#6

Chloroethane

Concen: 42.927 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013465.D

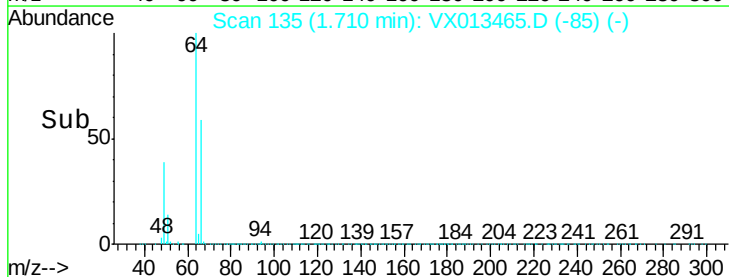
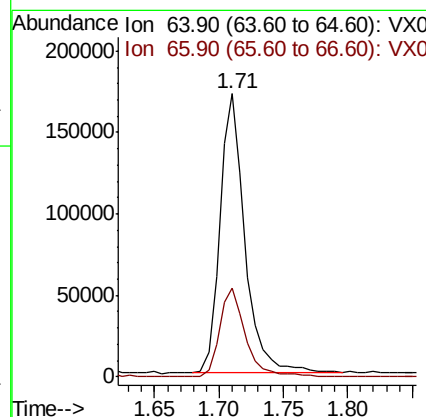
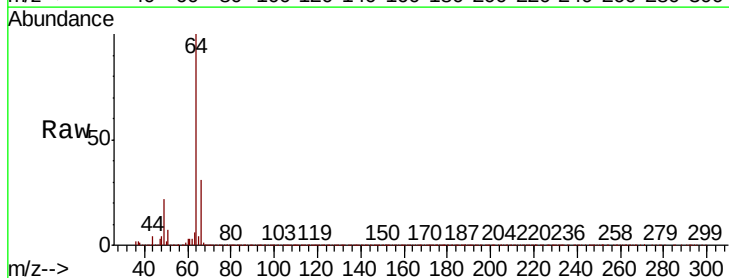
Acq: 19 Nov 2019 15:35

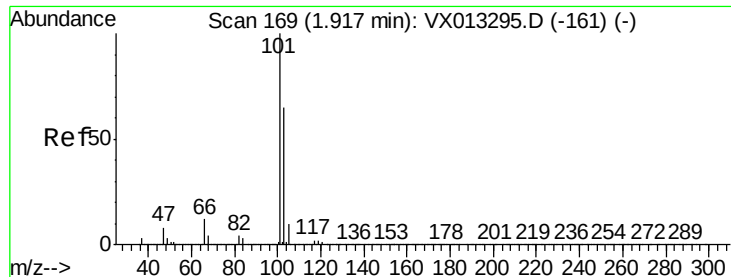
Tgt Ion: 64 Resp: 233067

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

Trichlorofluoromethane

Concen: 42.828 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

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ClientSampleId :

FA19-RFW1147MSD

Tot Ion:101 Resp: 478712

Ion Ratio Lower Upper

101 100

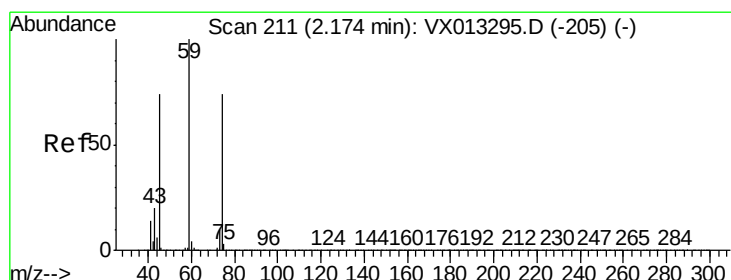
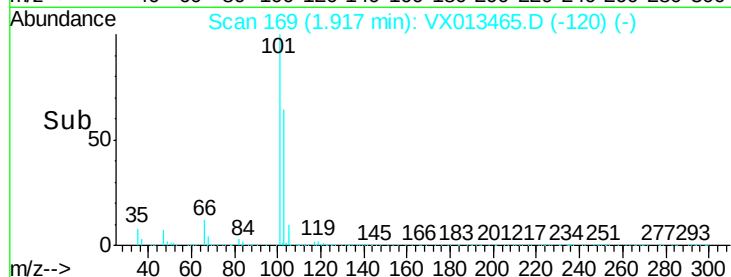
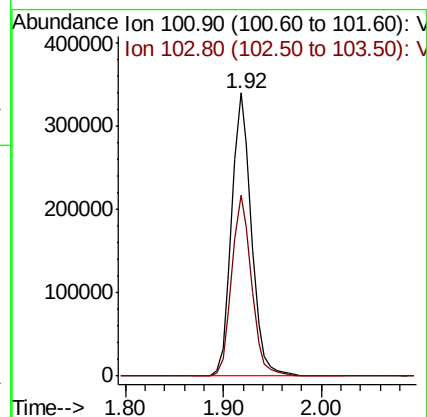
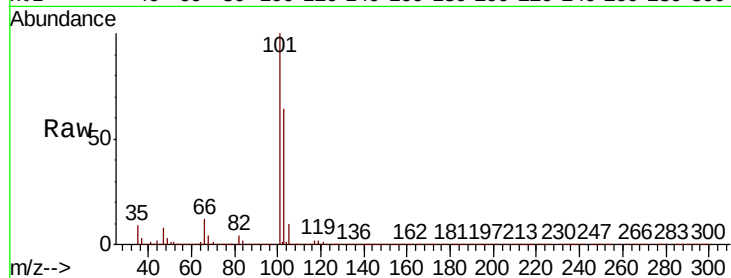
103 63.7 52.3 78.5

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#8

Diethyl Ether

Concen: 45.125 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX013465.D

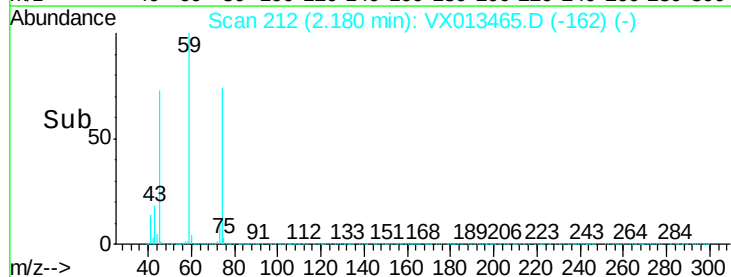
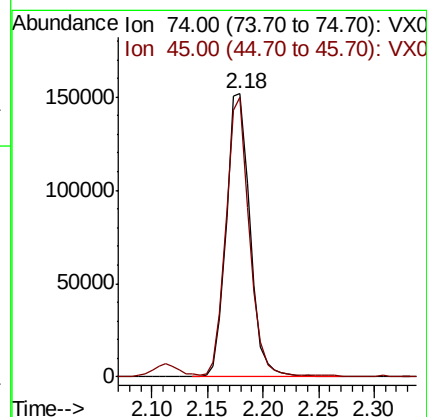
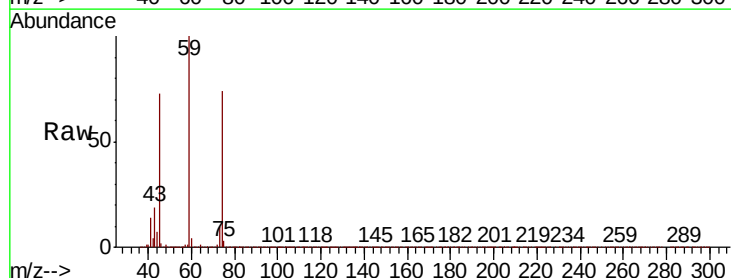
Acq: 19 Nov 2019 15:35

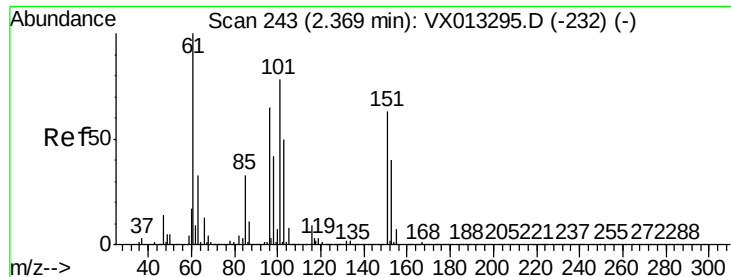
Tgt Ion: 74 Resp: 223043

Ion Ratio Lower Upper

74 100

45 95.9 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.963 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

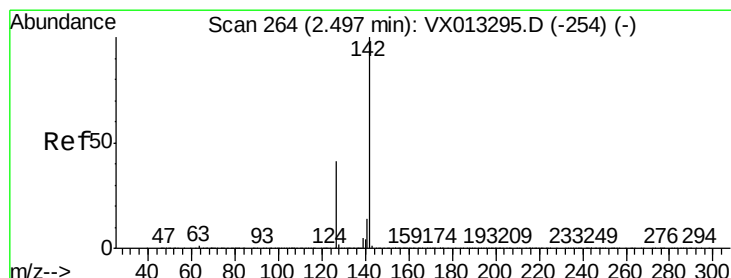
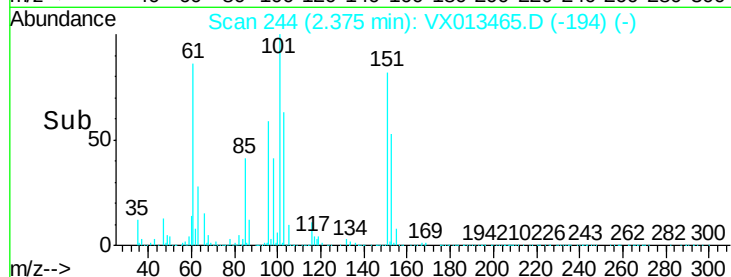
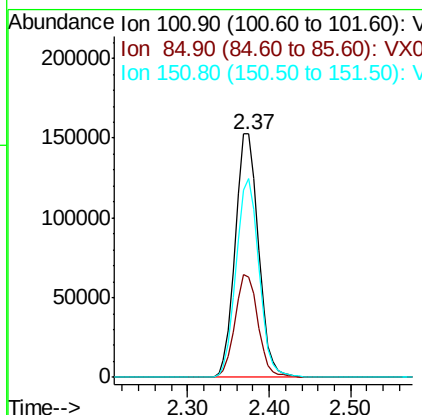
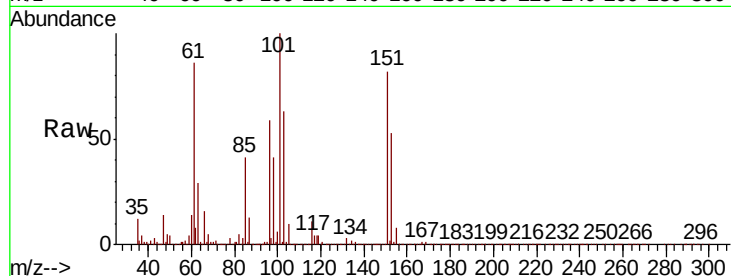
ClientSampleId :

FA19-RFW1147MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	298804		
85	42.1	34.4	51.6	
151	80.3	66.4	99.6	

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#10

Methyl Iodide

Concen: 47.406 ug/l

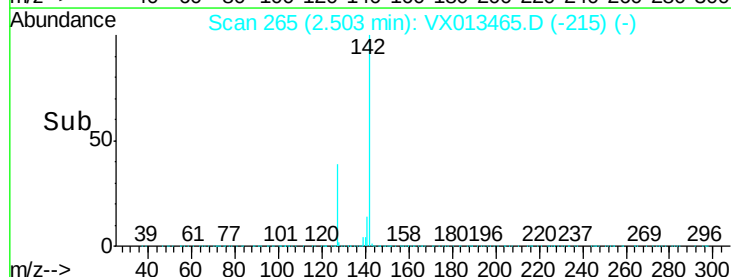
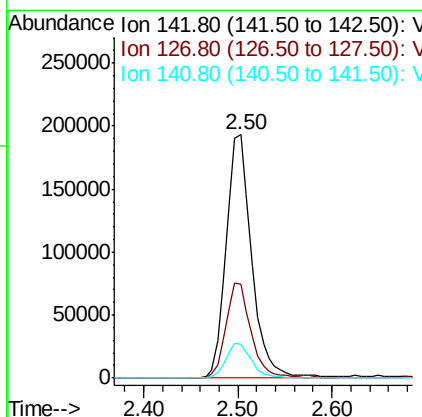
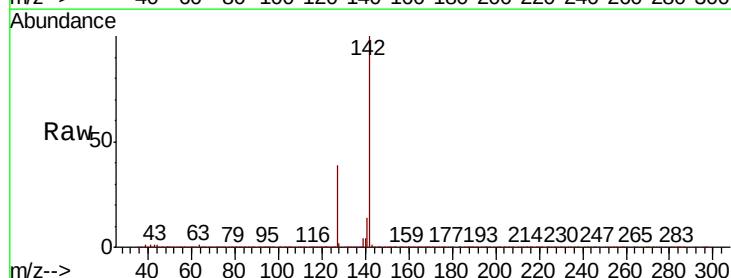
RT: 2.50 min Scan# 265

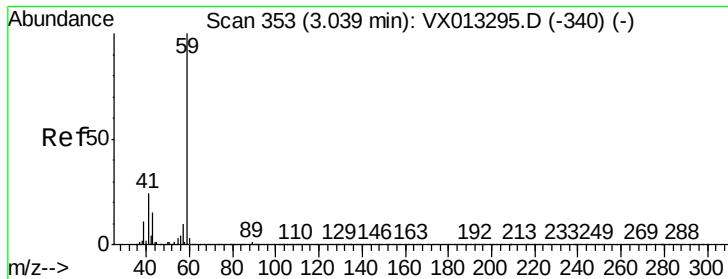
Delta R.T. 0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	365645		
127	38.2	32.6	49.0	
141	14.2	11.6	17.4	





#11

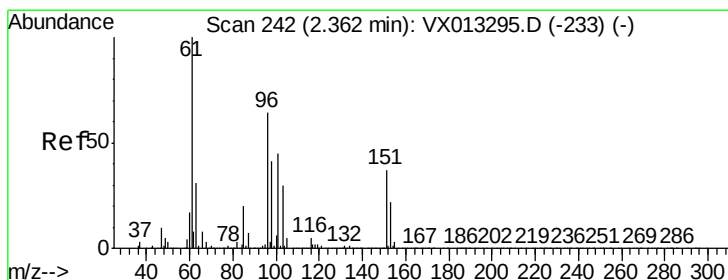
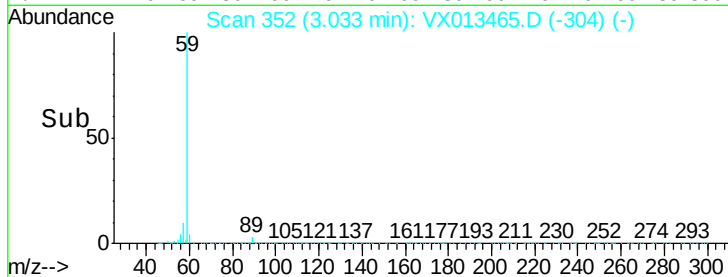
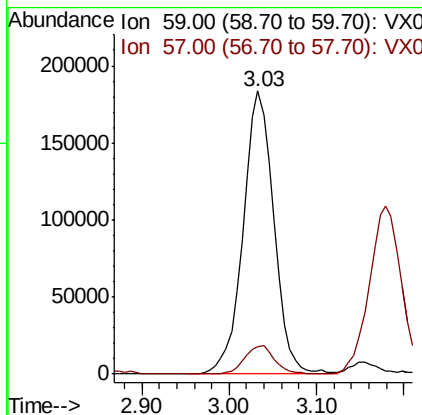
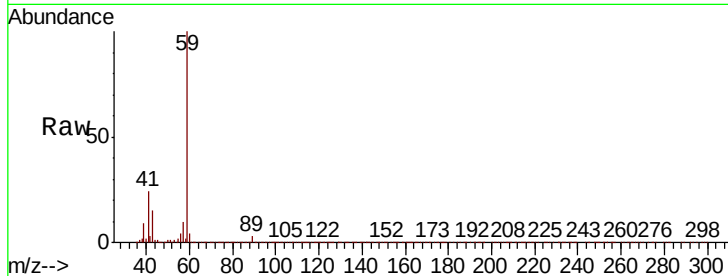
Tert butyl alcohol
Concen: 215.056 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

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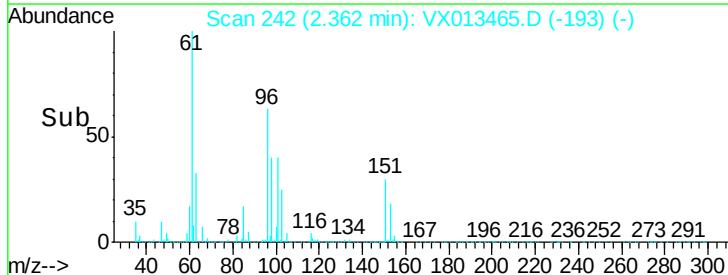
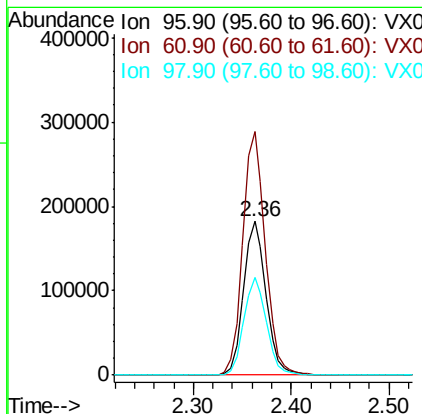
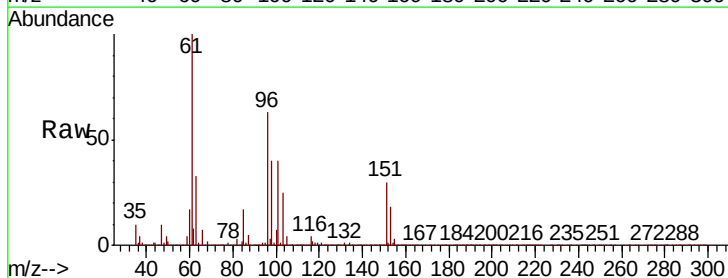
MMDadoda
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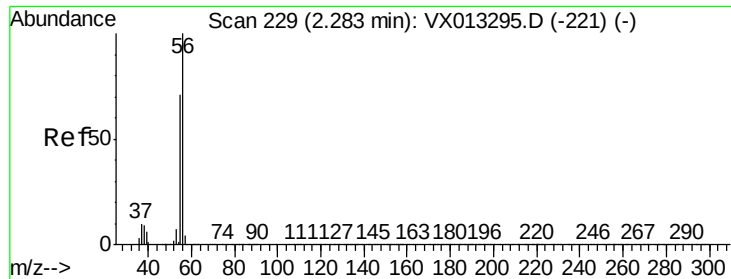


#12

1,1-Dichloroethene
Concen: 47.478 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	125.0	187.6
98	63.9	50.7	76.1





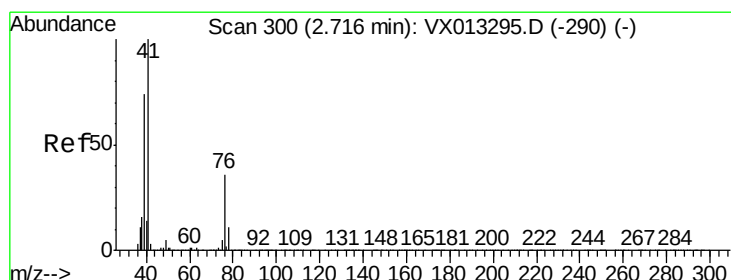
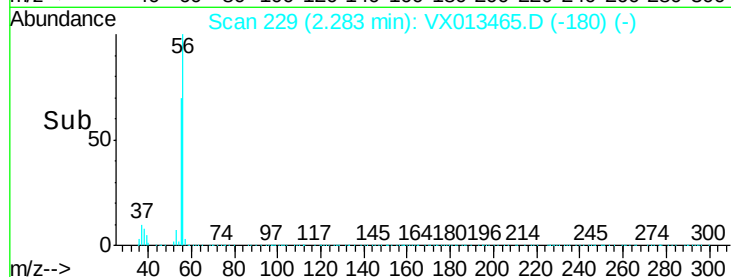
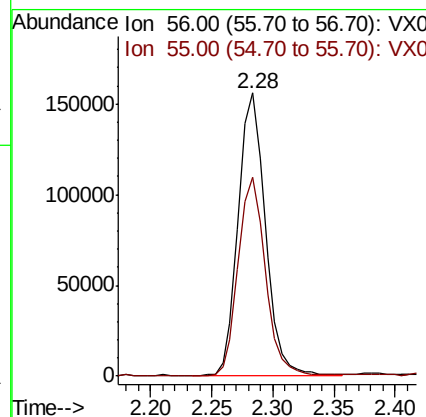
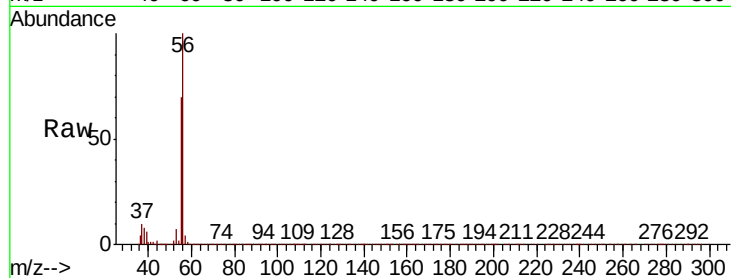
#13
Acrolein
Concen: 213.268 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	56	Resp	240042
Ion Ratio	100	Lower	Upper
55	70.0	57.4	86.0

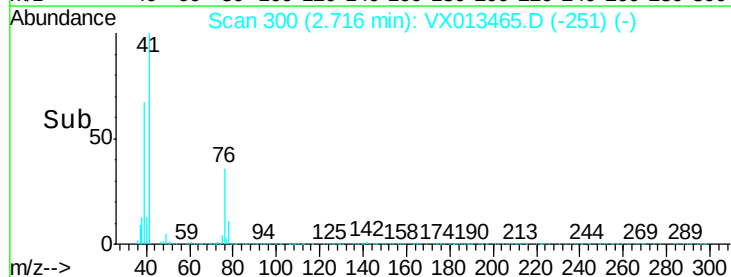
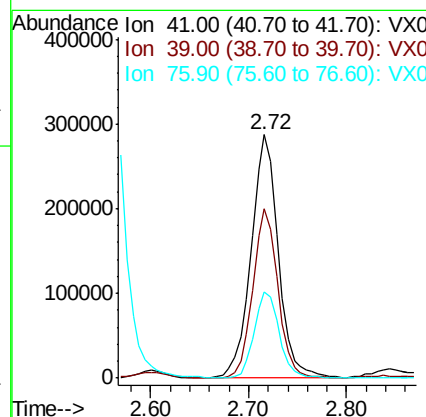
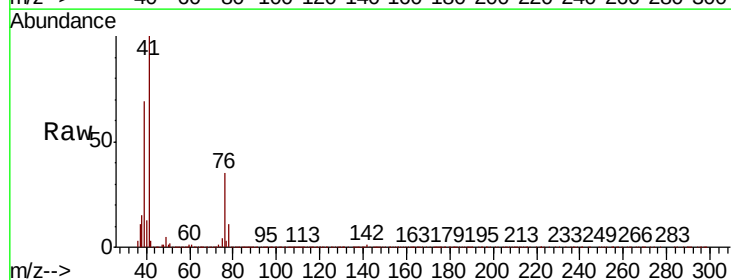
Manual Integrations
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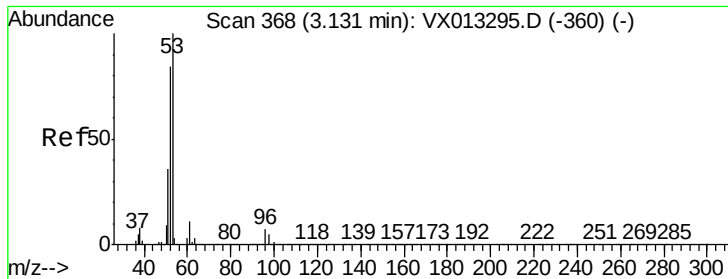
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#14
Allyl chloride
Concen: 49.553 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	41	Resp	549287
Ion Ratio	100	Lower	Upper
39	64.3	55.8	83.8
76	32.4	26.4	39.6





#15

Acrylonitrile

Concen: 254.287 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

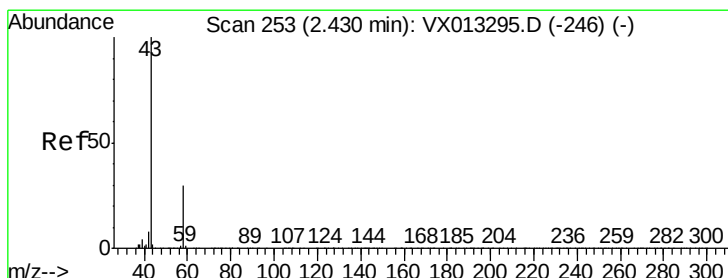
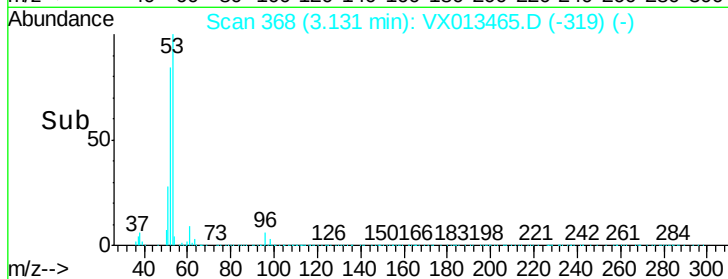
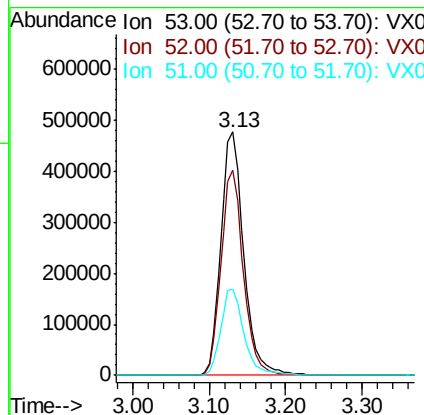
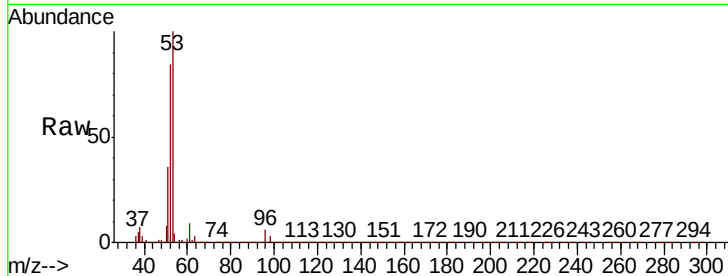
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	53	Resp:	986454
Ion Ratio		Lower	Upper
53	100		
52	82.5	67.4	101.0
51	35.9	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 211.957 ug/l

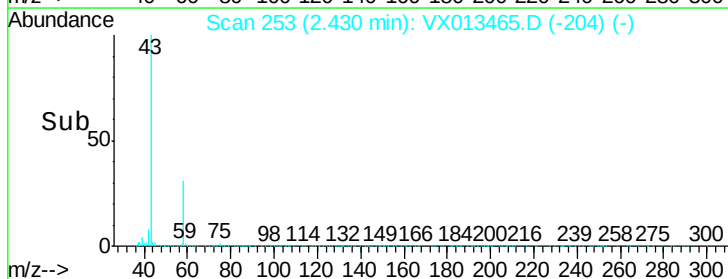
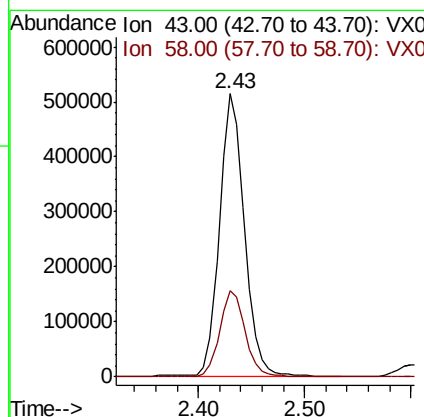
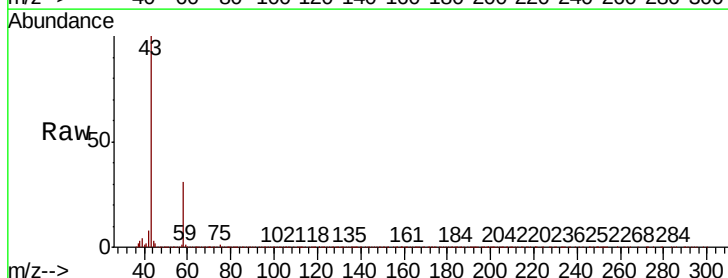
RT: 2.43 min Scan# 253

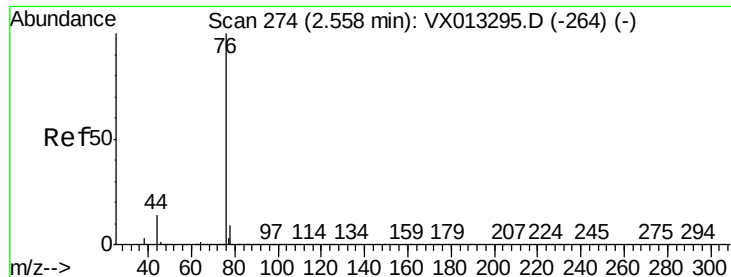
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	43	Resp:	833013
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.3	36.5





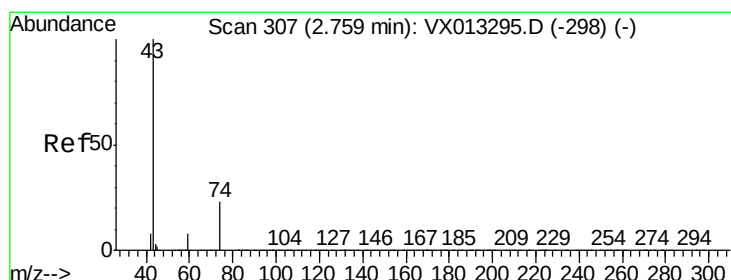
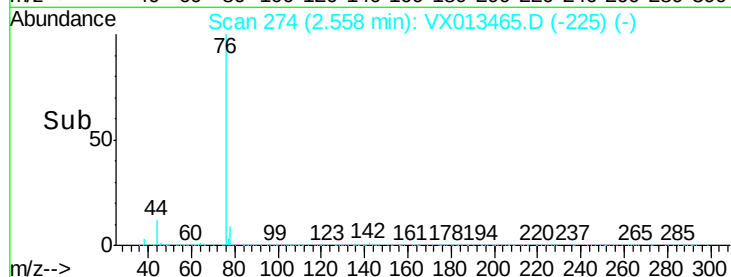
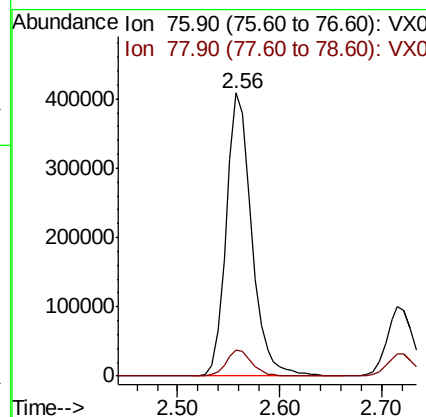
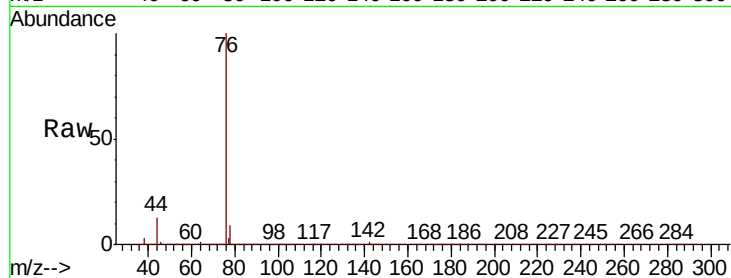
#17
Carbon Disulfide
Concen: 43.261 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

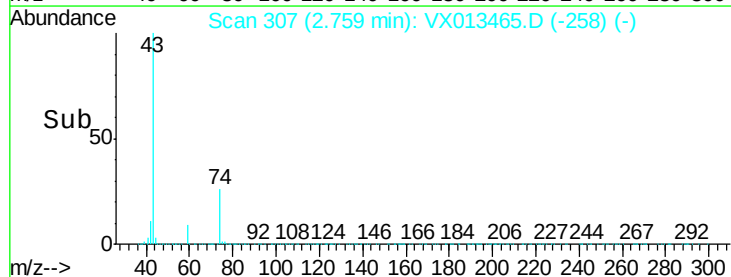
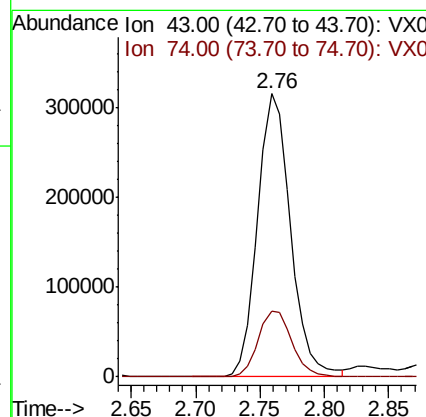
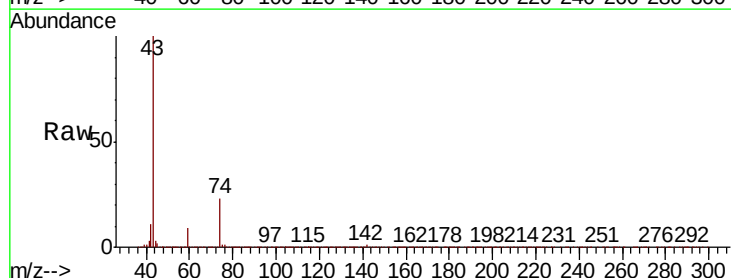
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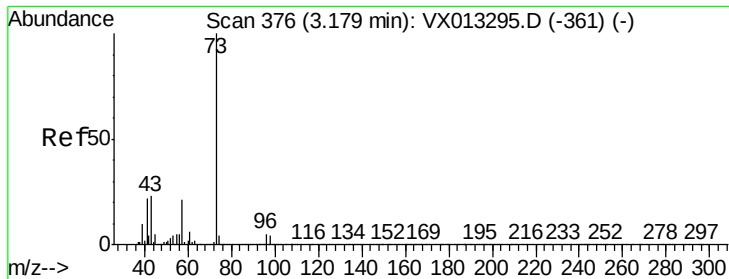
MMDadoda
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#18
Methyl Acetate
Concen: 51.290 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.0	28.6





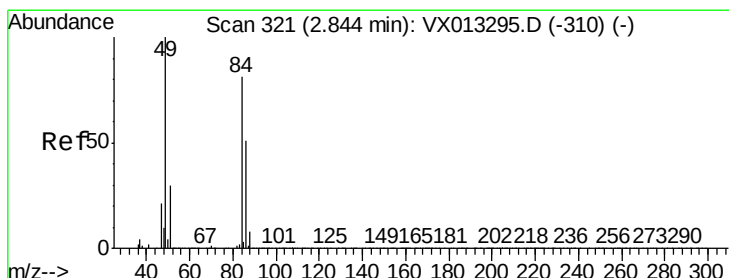
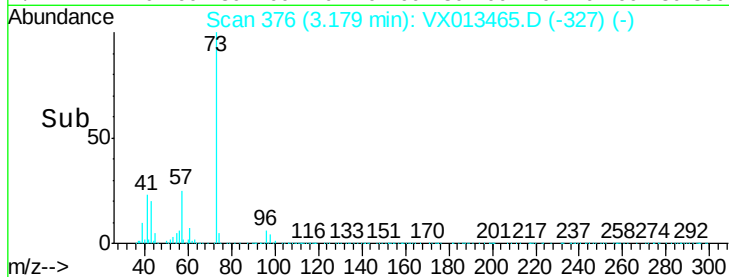
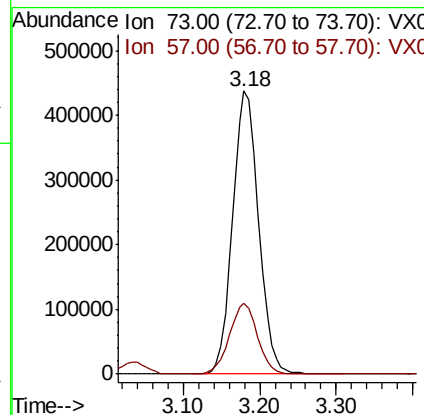
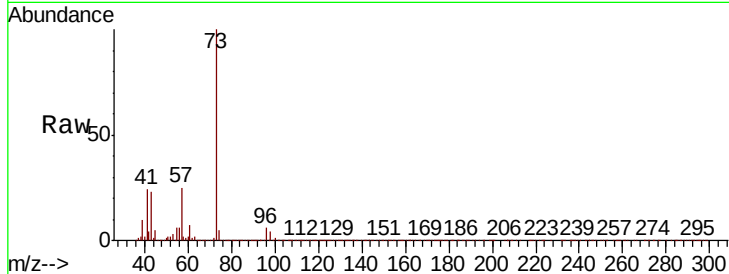
#19
Methyl tert-butyl Ether
Concen: 50.382 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion: 73 Resp: 1025158
Ion Ratio Lower Upper
73 100
57 24.9 17.1 25.7

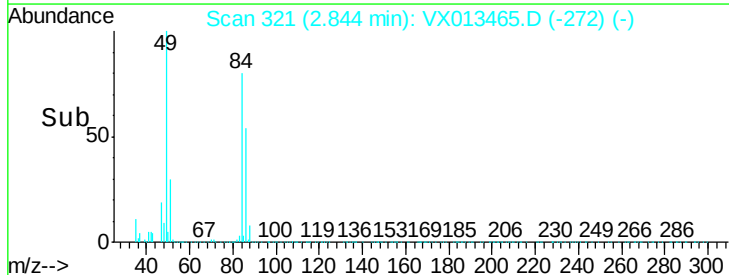
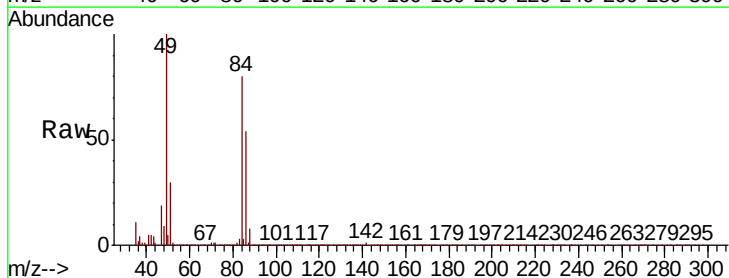
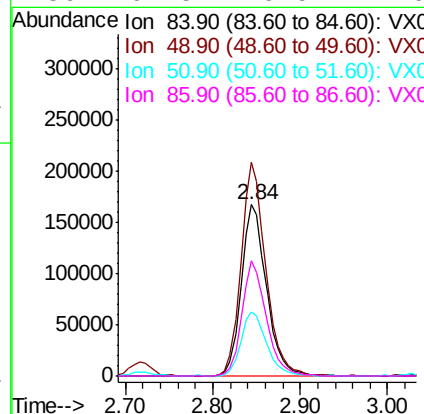
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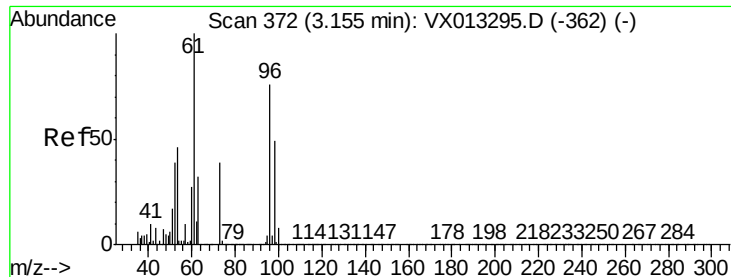
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#20
Methylene Chloride
Concen: 46.152 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion: 84 Resp: 335124
Ion Ratio Lower Upper
84 100
49 124.5 98.2 147.4
51 37.2 29.9 44.9
86 67.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.876 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

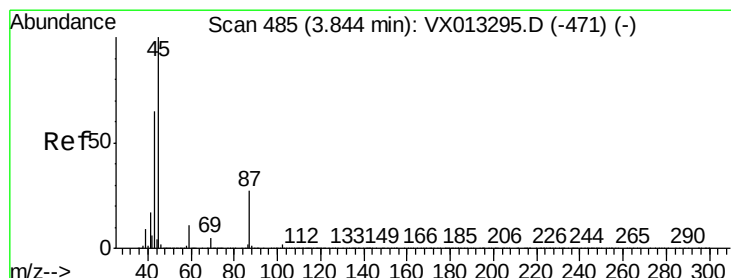
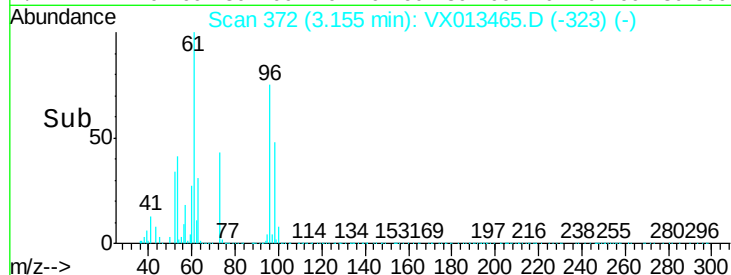
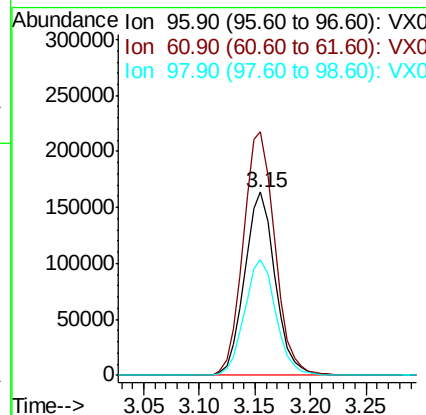
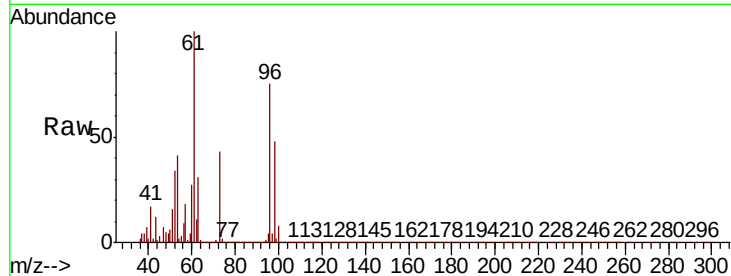
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	96	Resp:	311379
Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.8	158.6
98	63.3	51.8	77.6

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#22

Diisopropyl ether

Concen: 51.308 ug/l

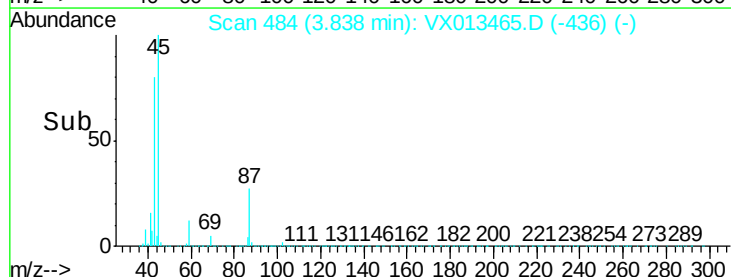
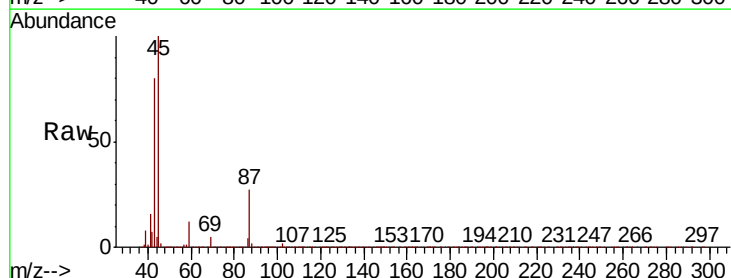
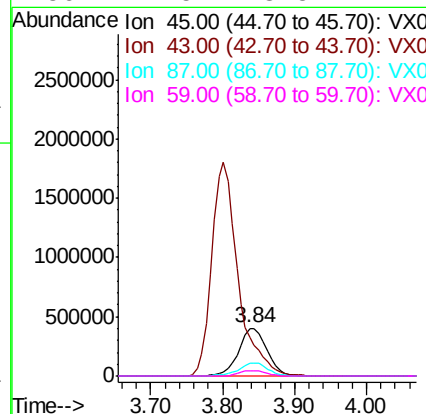
RT: 3.84 min Scan# 484

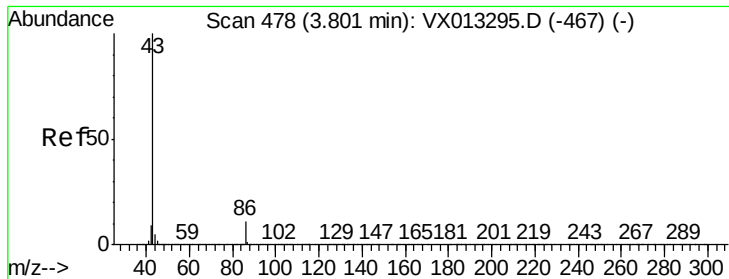
Delta R.T. -0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	45	Resp:	1098013
Ion	Ratio	Lower	Upper
45	100		
43	79.3	54.2	81.2
87	26.6	21.8	32.8
59	11.5	8.5	12.7





#23

Vinyl Acetate

Concen: 250.342 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 43 Resp: 4584334

Ion Ratio Lower Upper

43 100

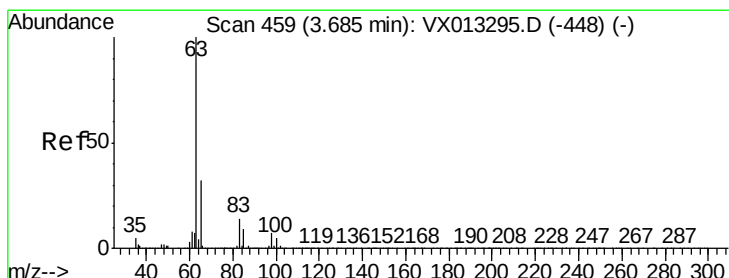
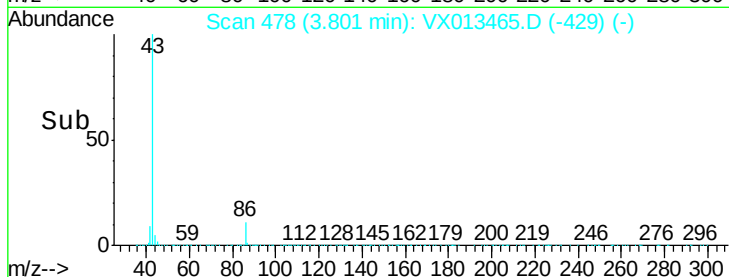
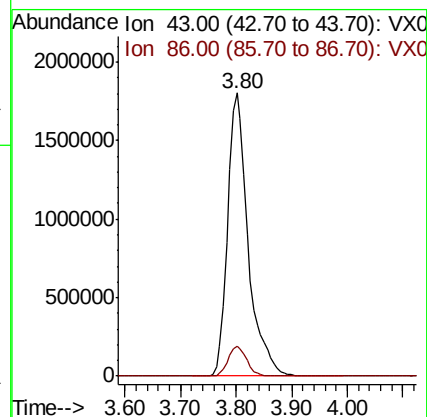
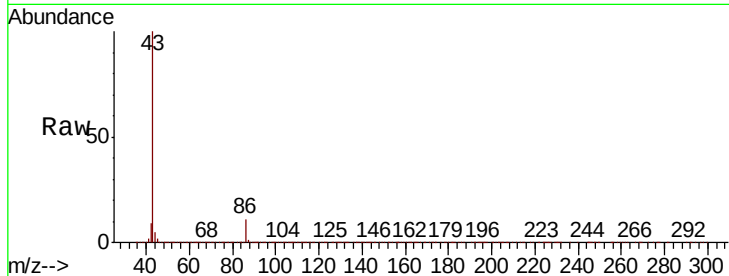
86 10.8 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.199 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

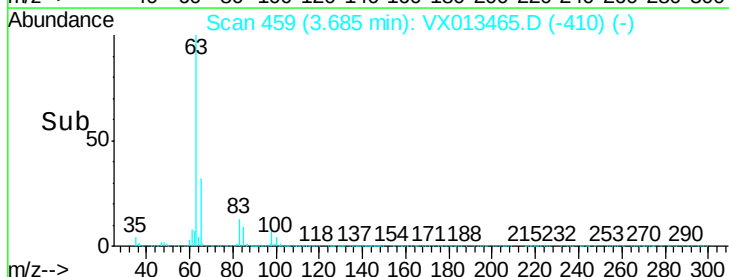
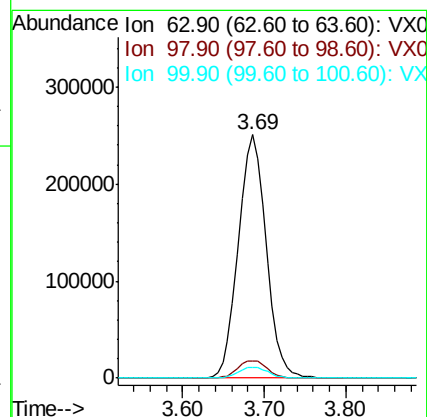
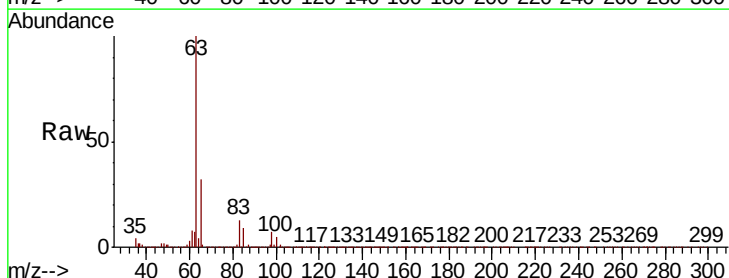
Tgt Ion: 63 Resp: 588988

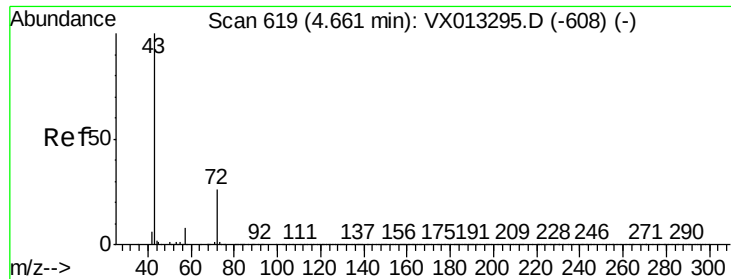
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 239.833 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 43 Resp: 1382759

Ion Ratio Lower Upper

43 100

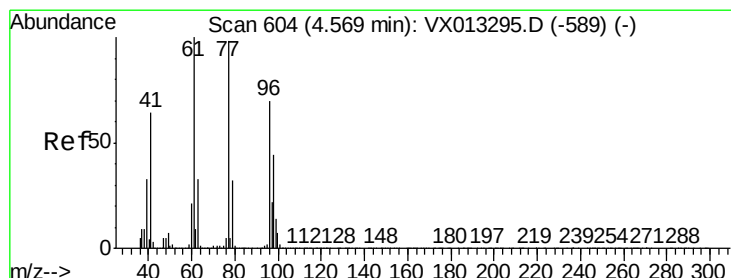
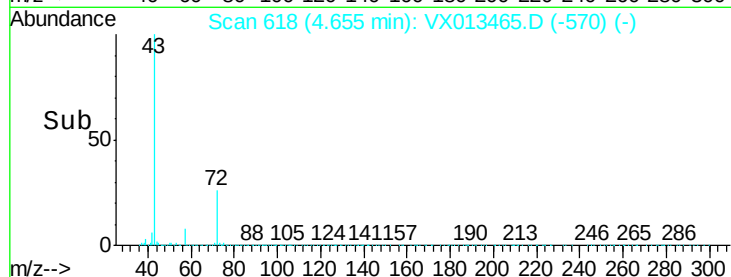
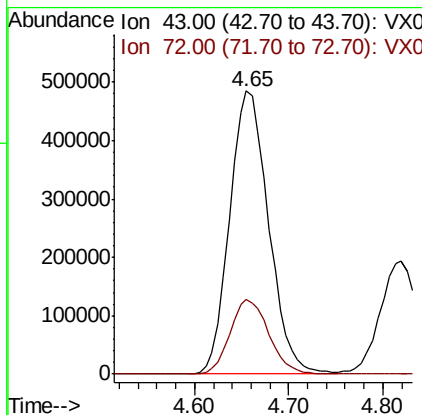
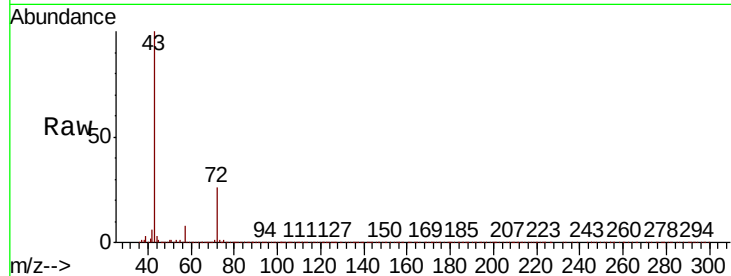
72 26.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.576 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013465.D

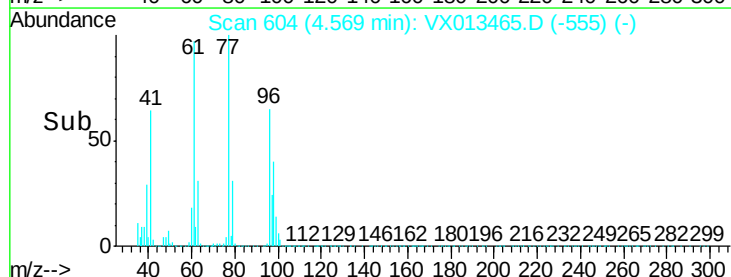
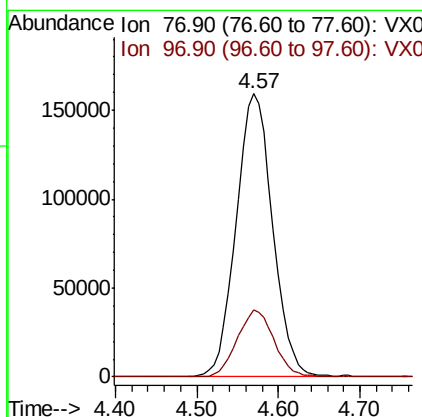
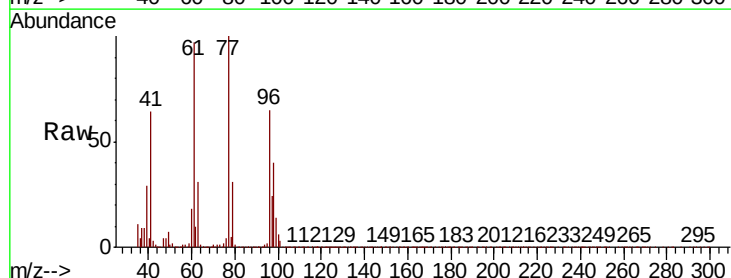
Acq: 19 Nov 2019 15:35

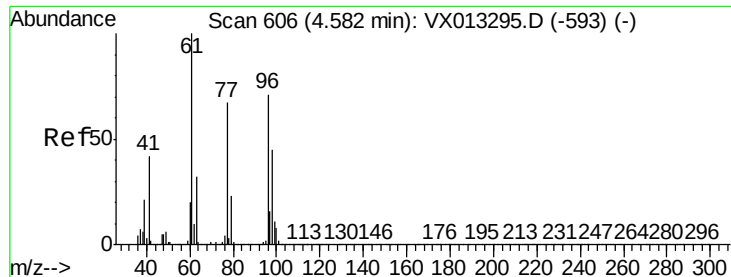
Tgt Ion: 77 Resp: 491191

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.8





#27

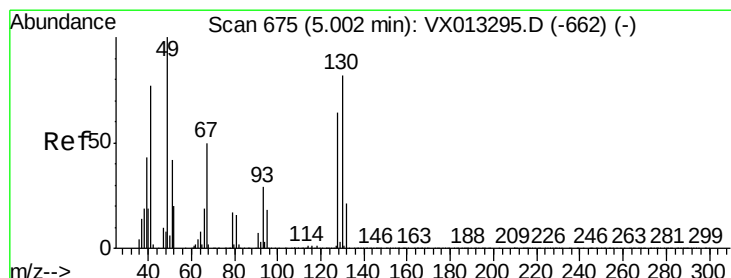
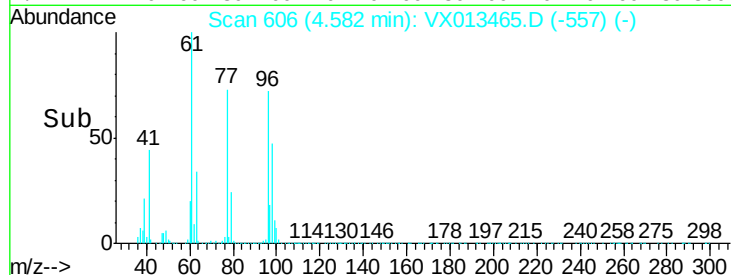
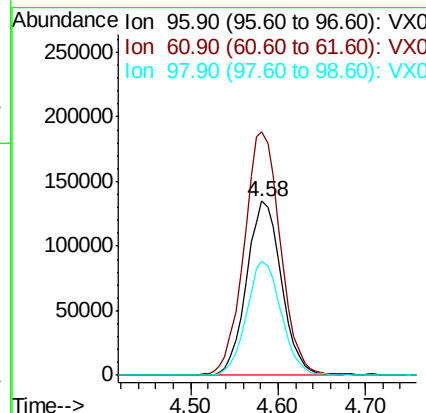
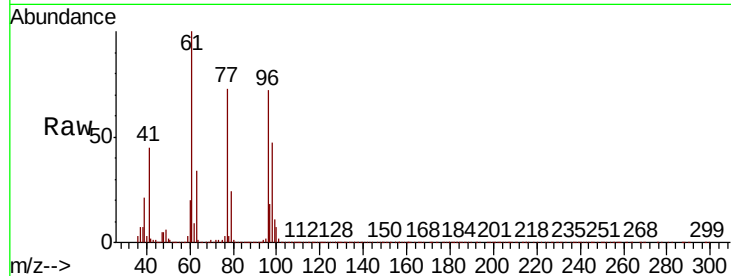
cis-1,2-Dichloroethene
Concen: 50.012 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	372141		
61	146.9	0.0	288.0	
98	65.6	0.0	129.6	

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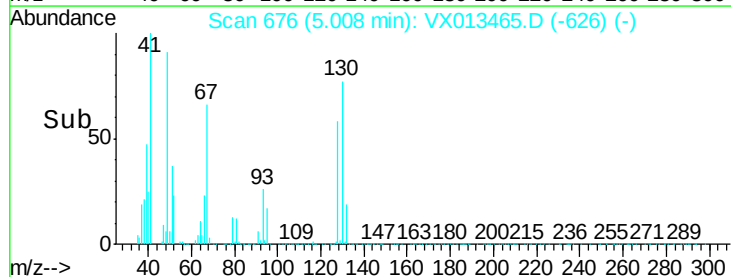
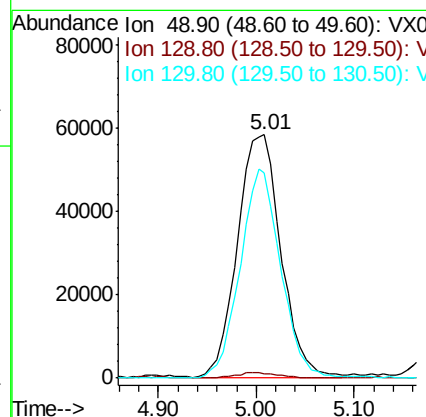
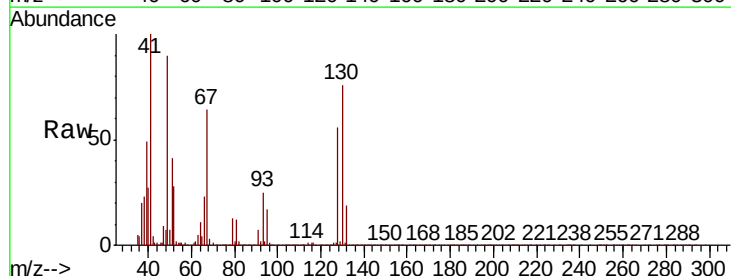
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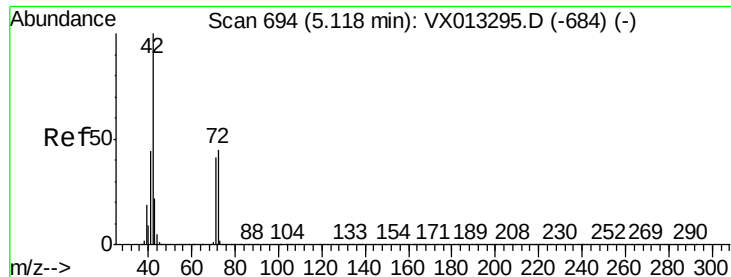


#28

Bromochloromethane
Concen: 52.810 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	179509		
129	2.4	0.0	5.2	
130	80.5	63.8	95.6	





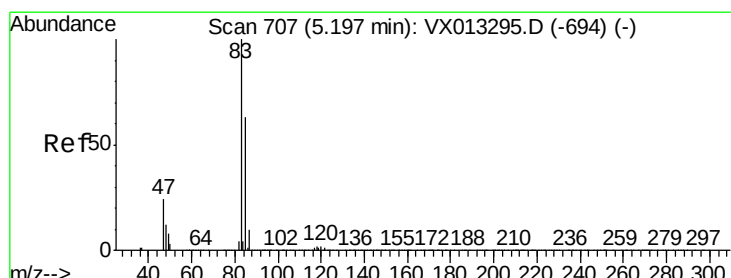
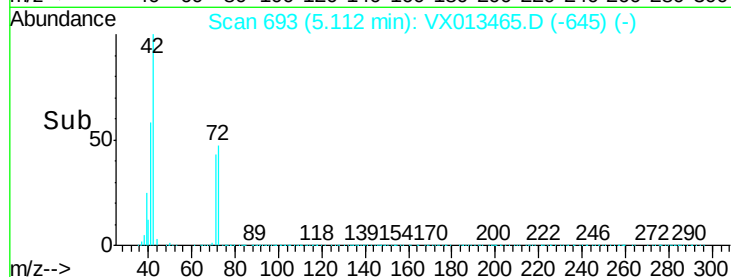
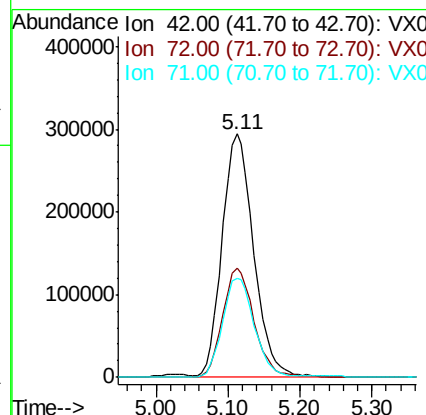
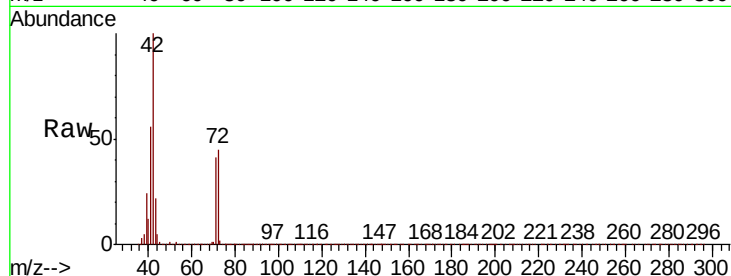
#29
Tetrahydrofuran
Concen: 250.943 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.8	53.8
71	41.3	33.4	50.0

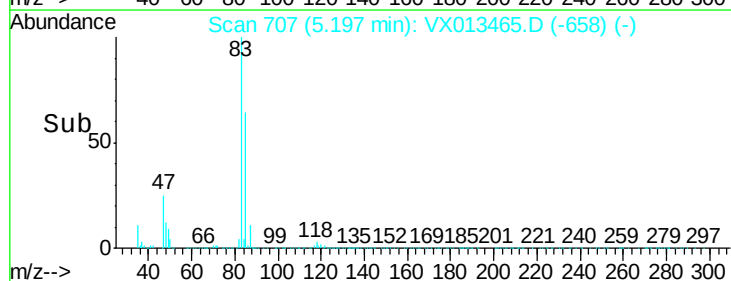
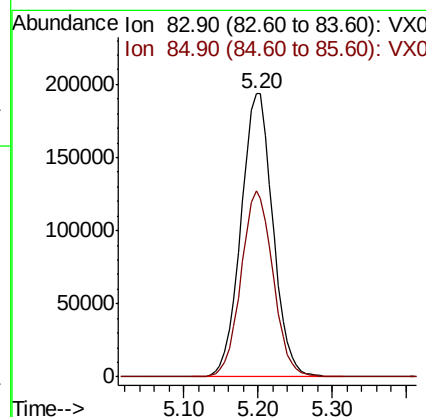
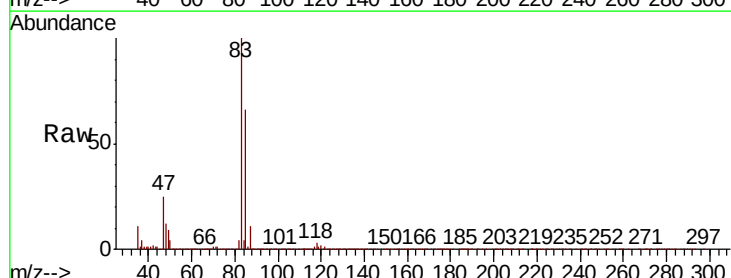
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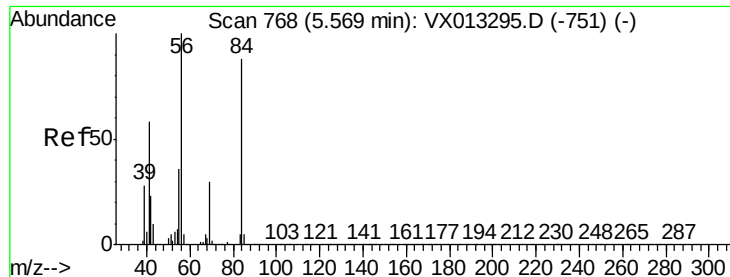
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#30
Chloroform
Concen: 49.306 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.2	75.4





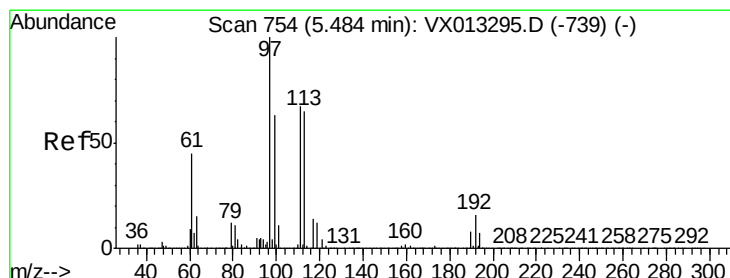
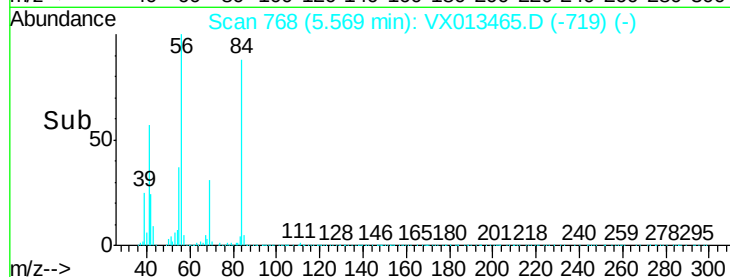
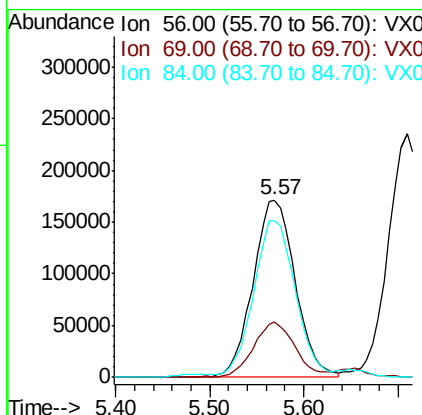
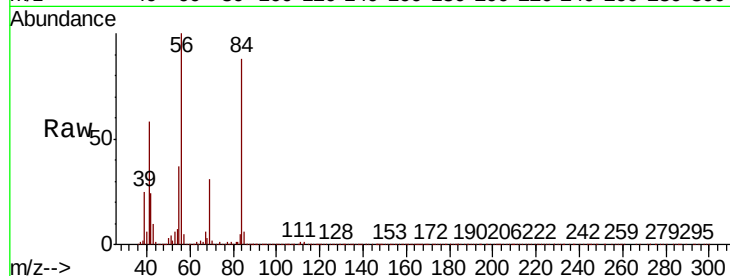
#31
Cyclohexane
Concen: 49.954 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.7	35.5
84	86.7	70.6	105.8

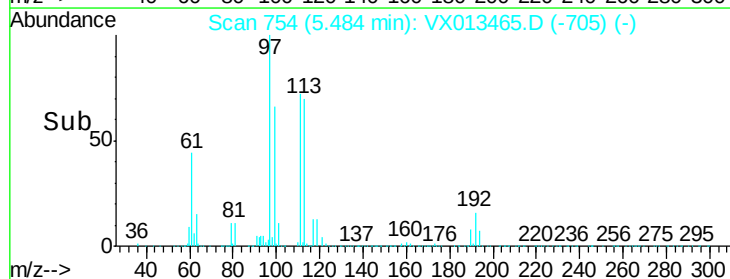
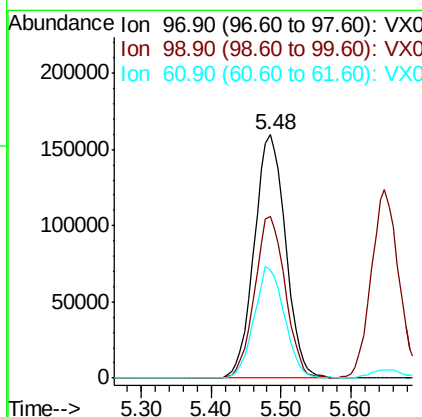
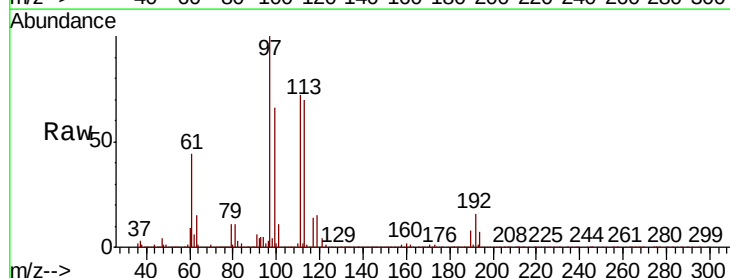
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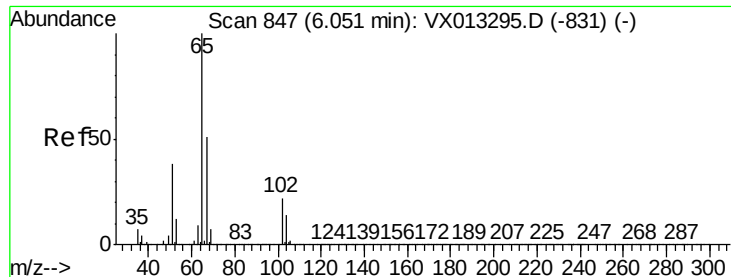
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#32
1,1,1-Trichloroethane
Concen: 48.797 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	44.3	36.5	54.7





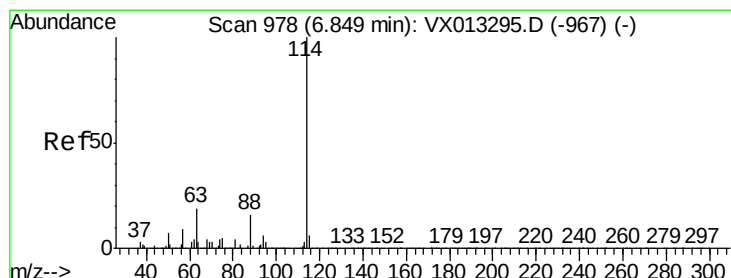
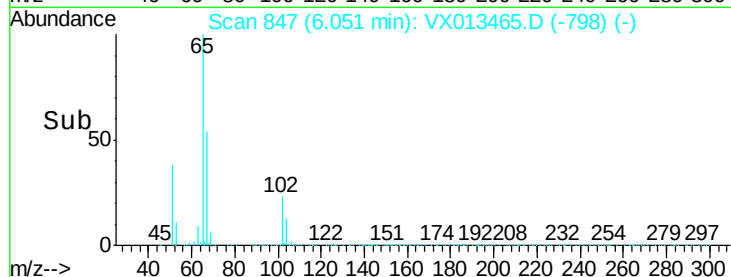
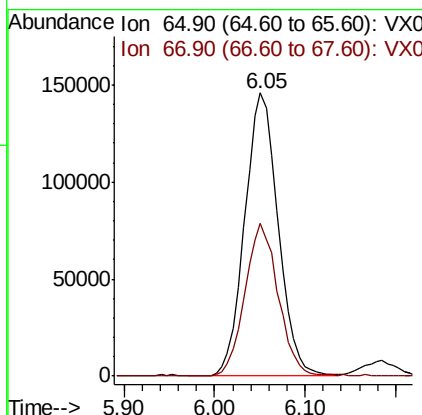
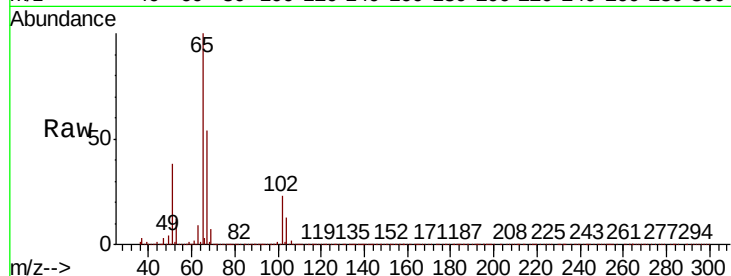
#33
 1,2-Dichloroethane-d4
 Concen: 47.150 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.2

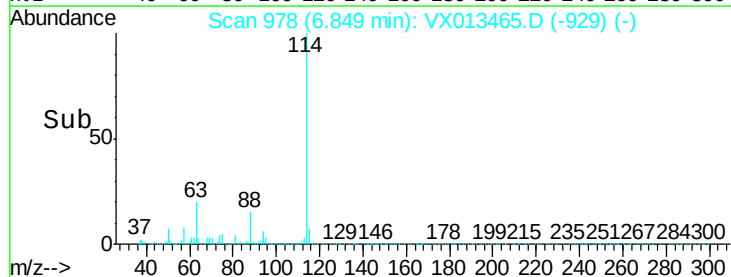
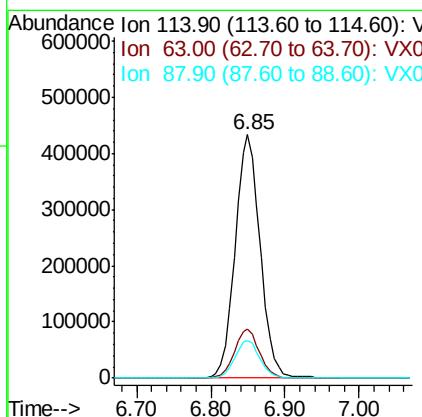
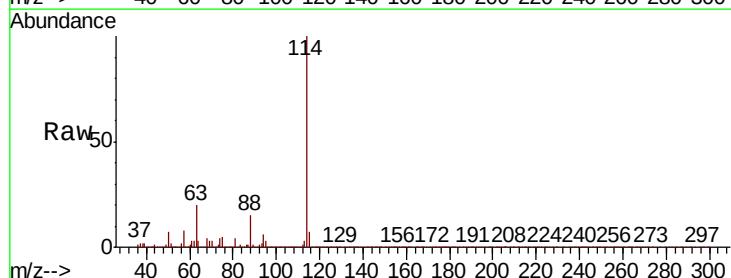
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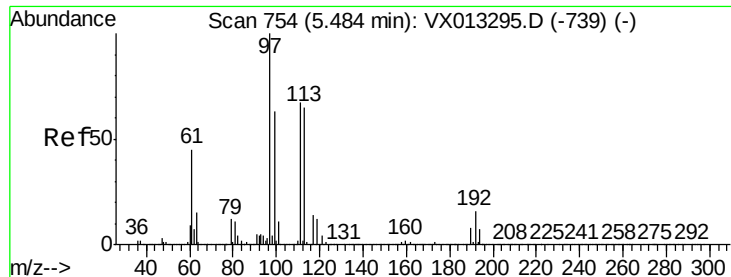
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	15.1	0.0	32.2





#35

Dibromofluoromethane

Concen: 49.175 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

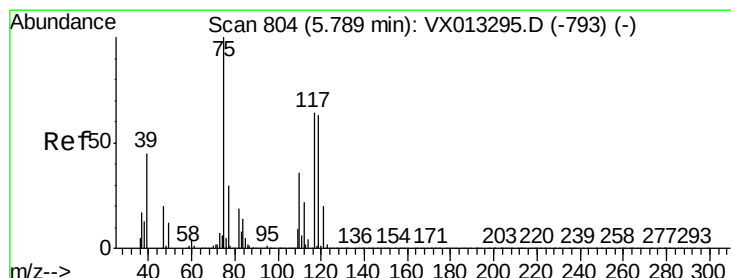
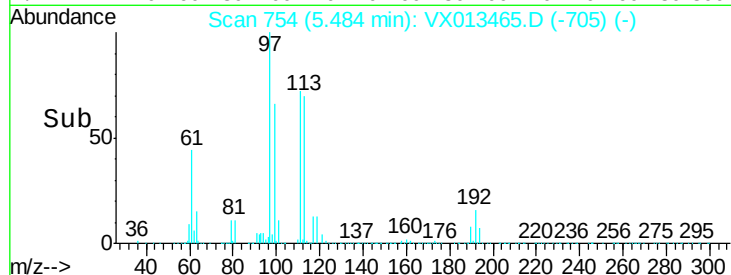
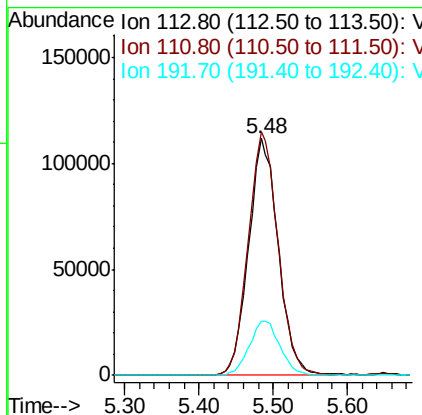
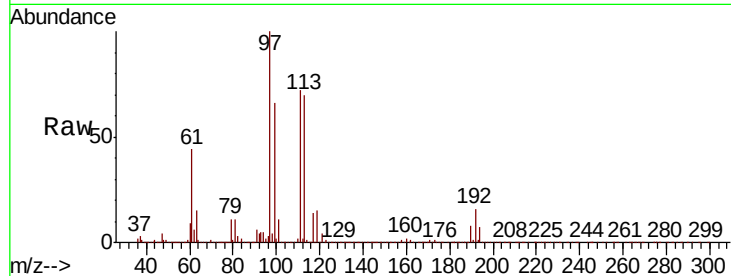
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	113	Resp:	313287
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	23.4	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.008 ug/l

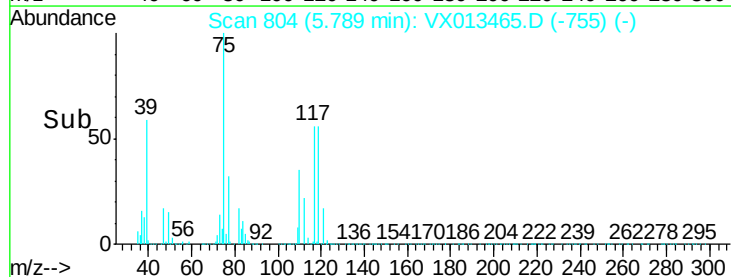
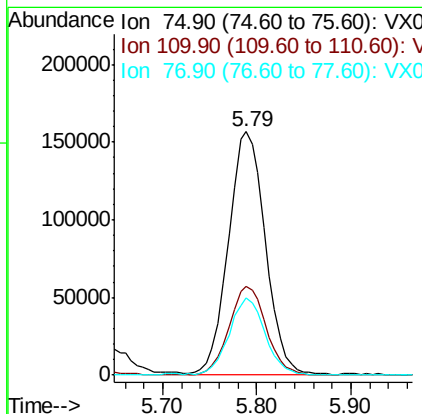
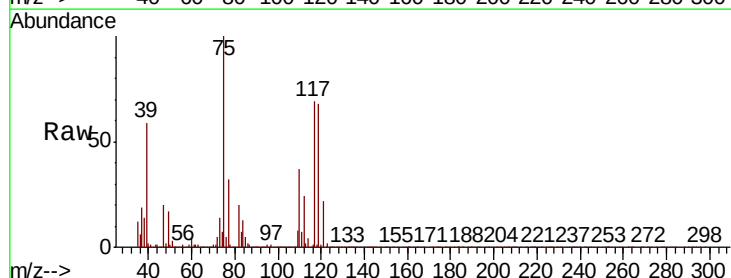
RT: 5.79 min Scan# 804

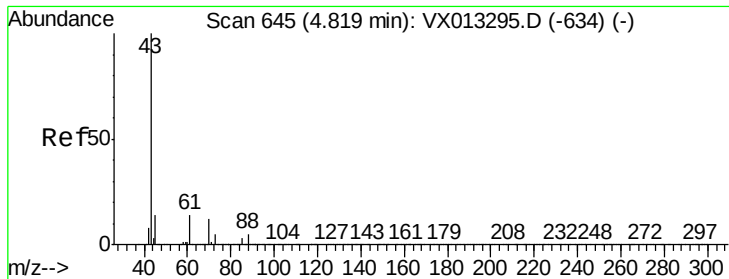
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	75	Resp:	427045
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.1
77	30.7	25.0	37.4





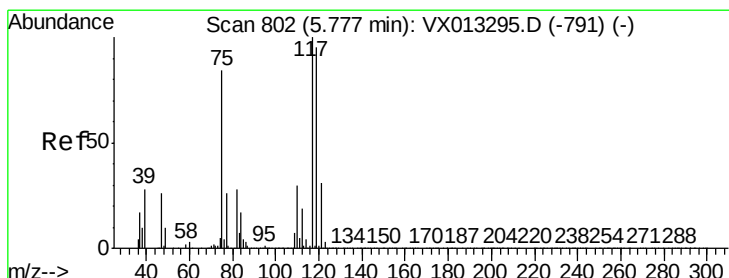
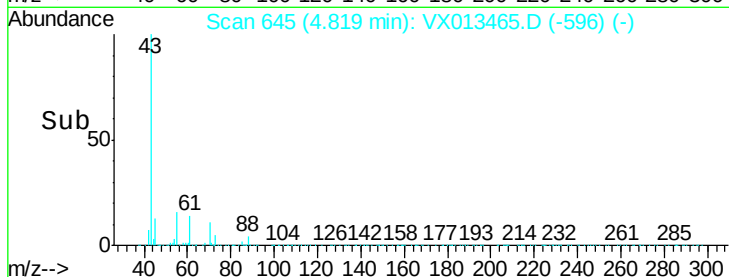
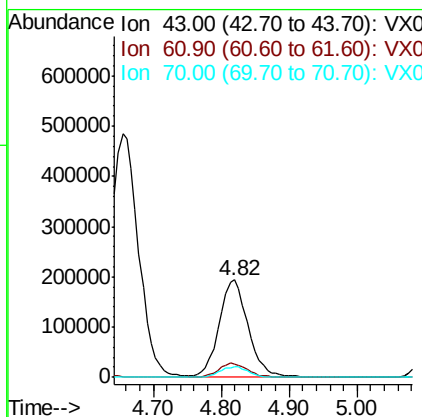
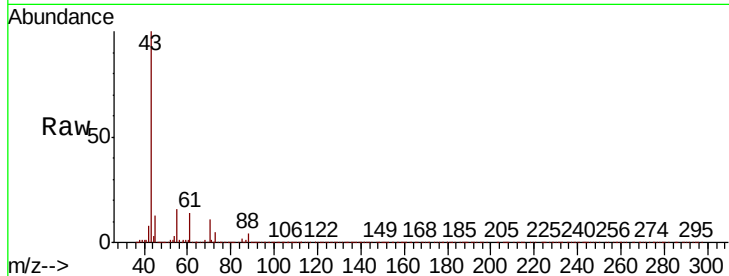
#37
Ethyl Acetate
Concen: 52.699 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	43	Resp	567432
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.7	16.1
70	10.7	8.7	13.1

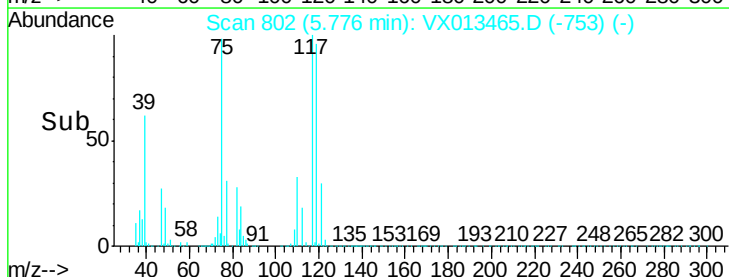
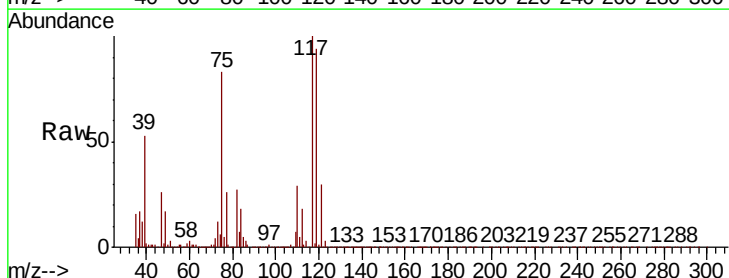
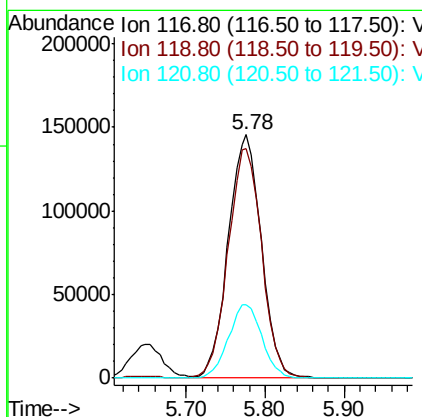
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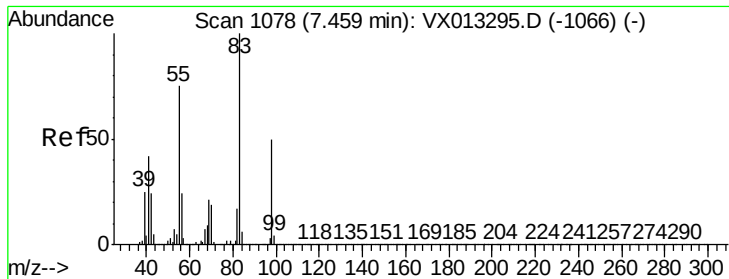
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#38
Carbon Tetrachloride
Concen: 49.572 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	117	Resp	422400
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.1	114.1
121	30.3	24.6	37.0





#39

Methylvlcyclohexane

Concen: 50.399 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

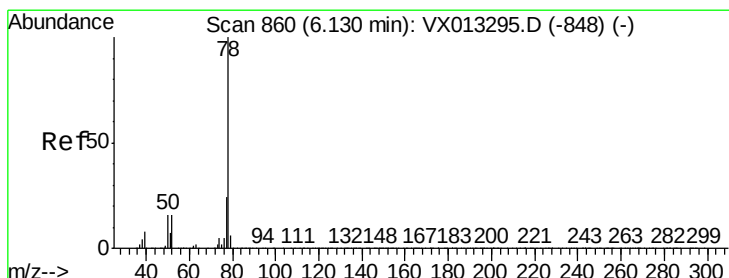
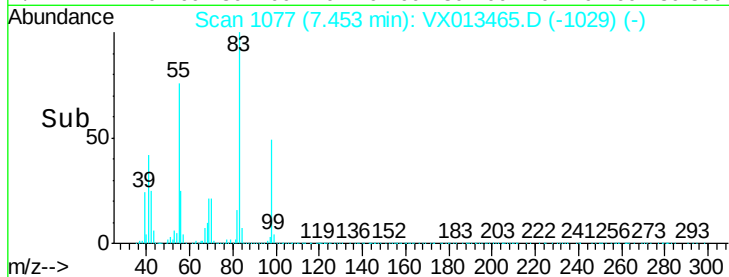
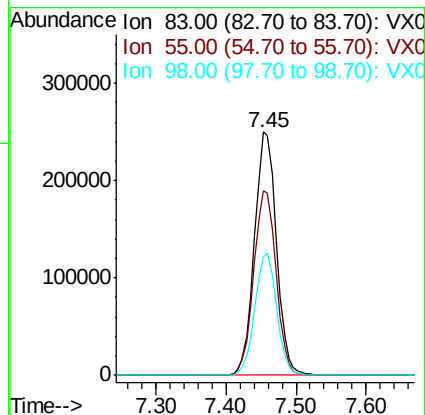
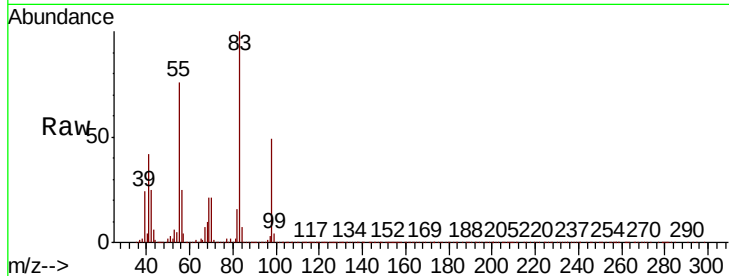
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	83	Resp:	547210
Ion Ratio	Lower	Upper	
83	100		
55	75.5	60.3	90.5
98	48.7	40.3	60.5

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#40

Benzene

Concen: 50.034 ug/l

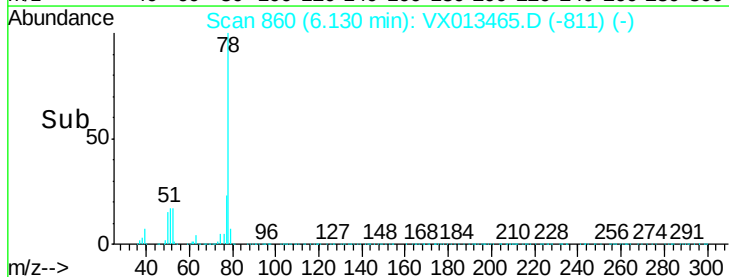
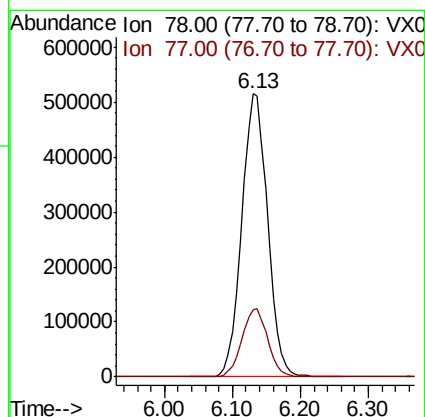
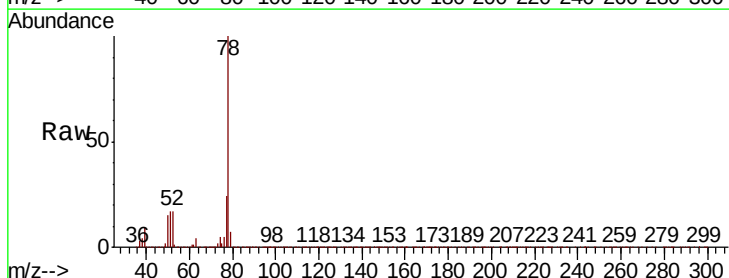
RT: 6.13 min Scan# 860

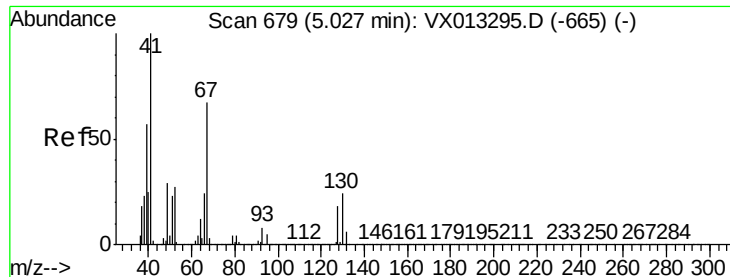
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	78	Resp:	1358080
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.5	29.3





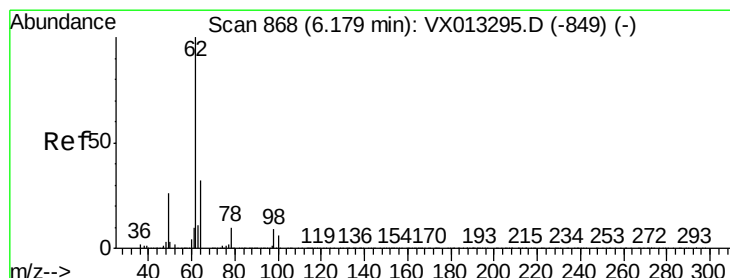
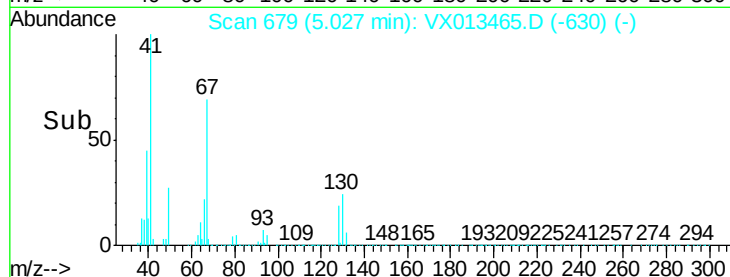
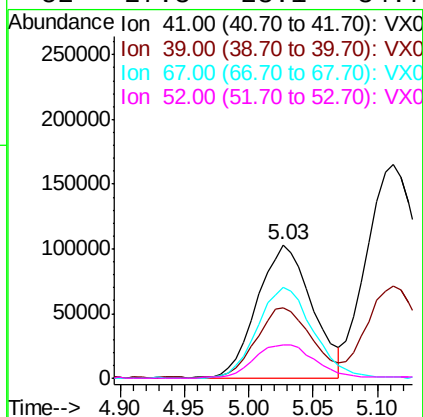
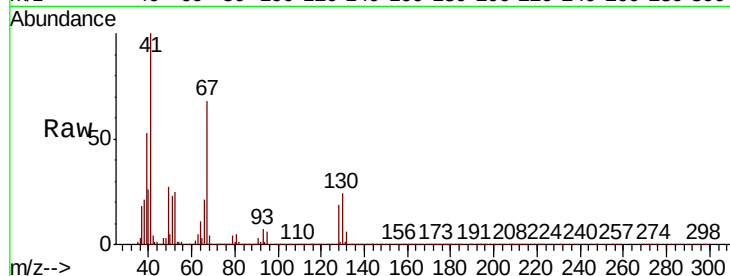
#41
Methacrylonitrile
Concen: 50.012 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ion	Ratio	Lower	Upper
301828	41	100		
	39	53.3	45.0	67.6
	67	69.8	55.4	83.2
	52	27.3	23.1	34.7

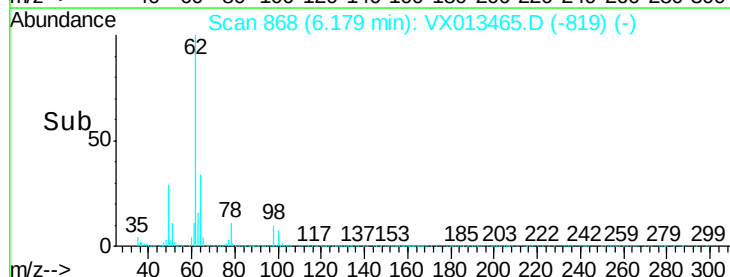
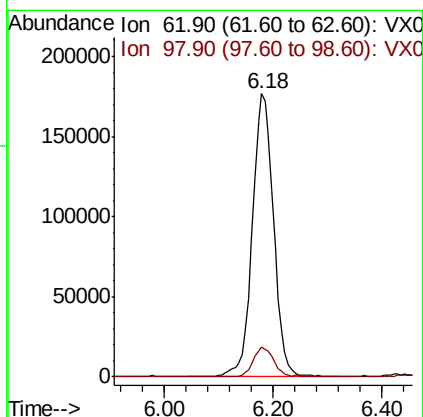
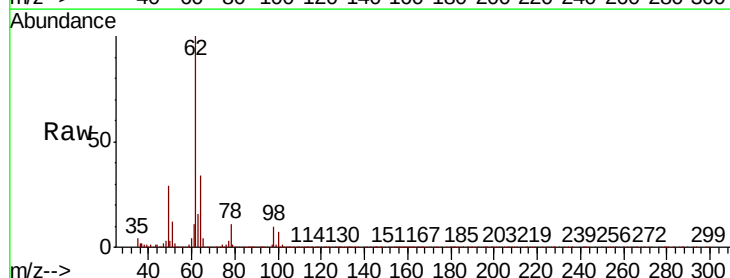
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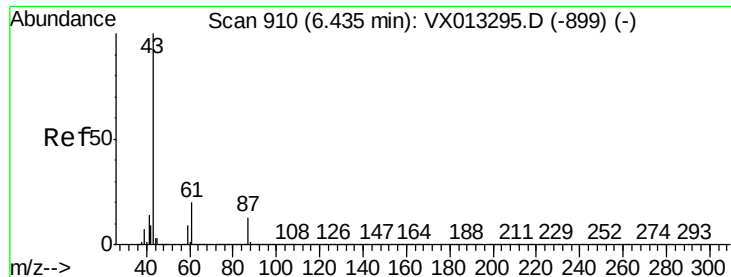
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.710 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
476904	62	100		
	98	9.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.227 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

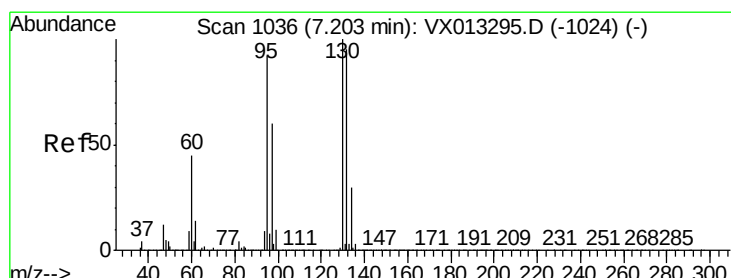
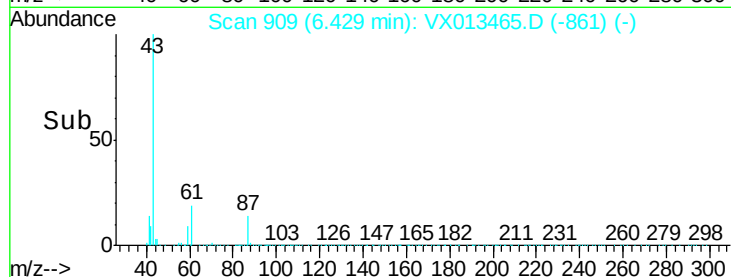
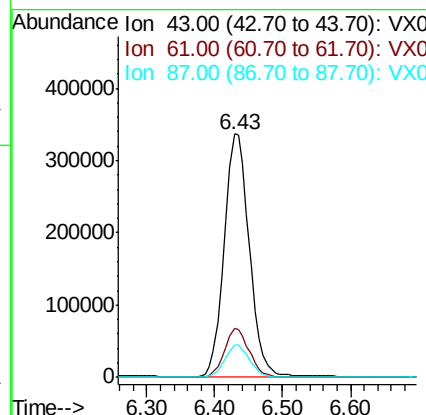
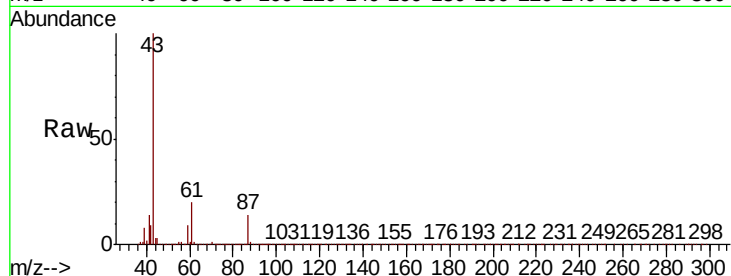
ClientSampleId :

FA19-RFW1147MSD

Tot Ion	43	Resp	858896
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.8	23.8
87	13.2	10.4	15.6

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#44

Trichloroethene

Concen: 47.890 ug/l

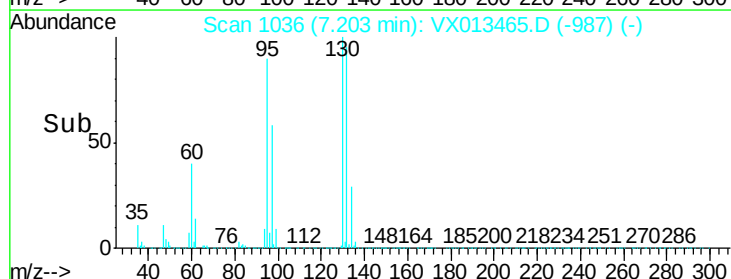
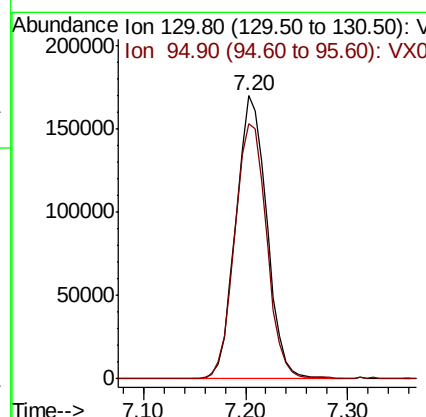
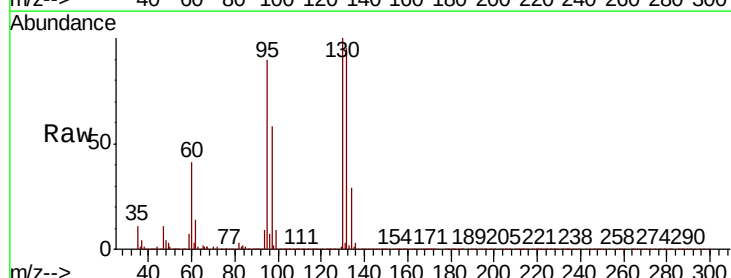
RT: 7.20 min Scan# 1036

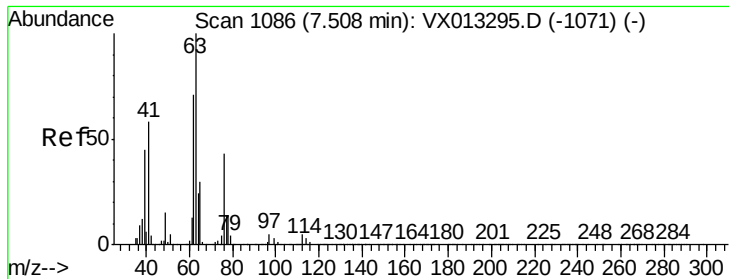
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion	130	Resp	357813
Ion Ratio	Lower	Upper	
130	100		
95	90.0	0.0	184.8





#45

1,2-Dichloropropane

Concen: 50.807 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 63 Resp: 351378

Ion Ratio Lower Upper

63 100

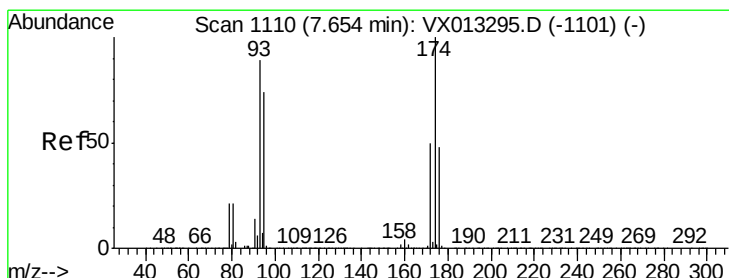
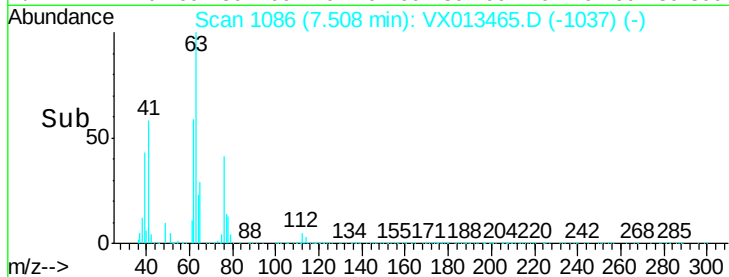
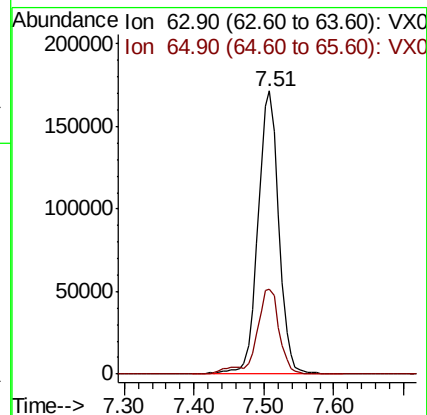
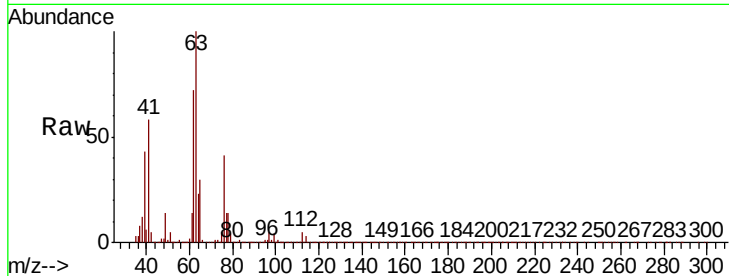
65 29.9 24.3 36.5

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#46

Dibromomethane

Concen: 48.082 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

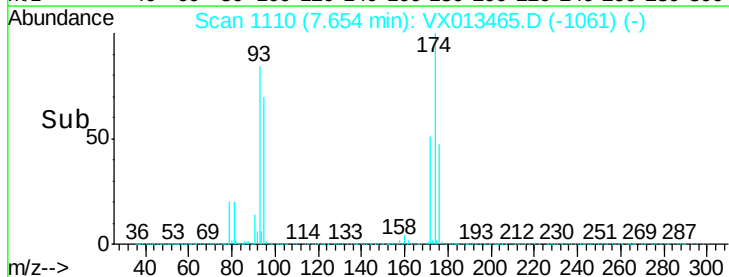
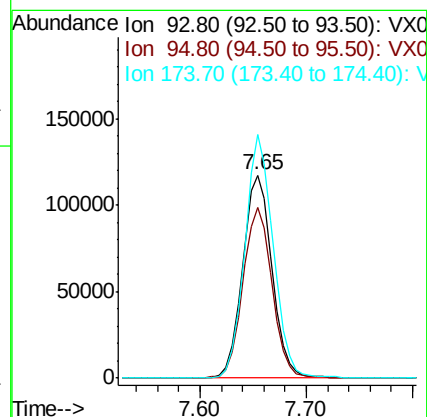
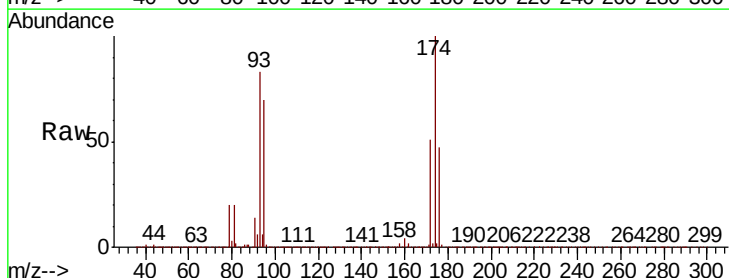
Tgt Ion: 93 Resp: 227045

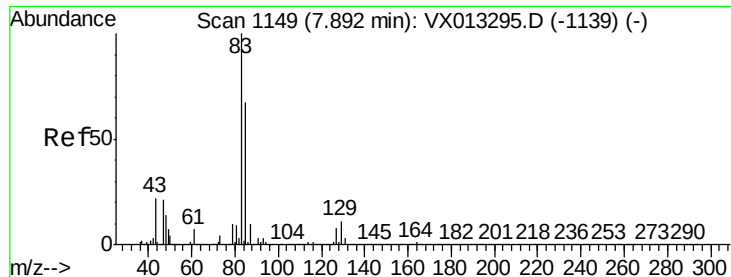
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 116.7 90.4 135.6





#47

Bromodichloromethane

Concen: 51.874 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

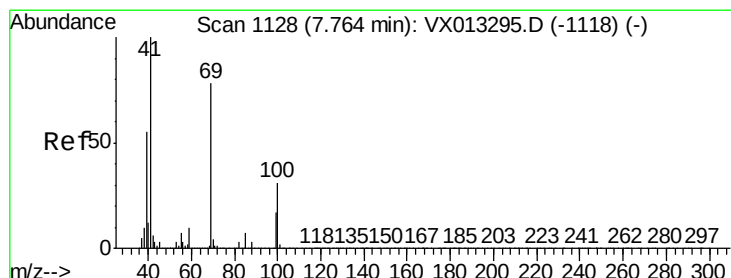
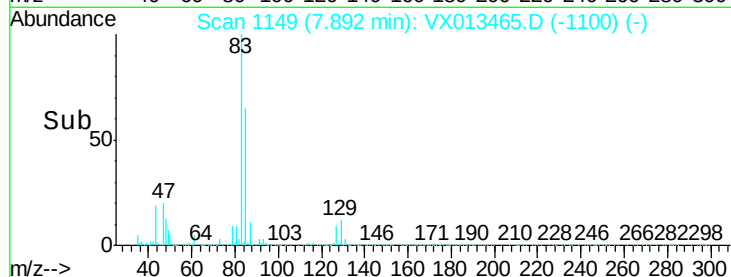
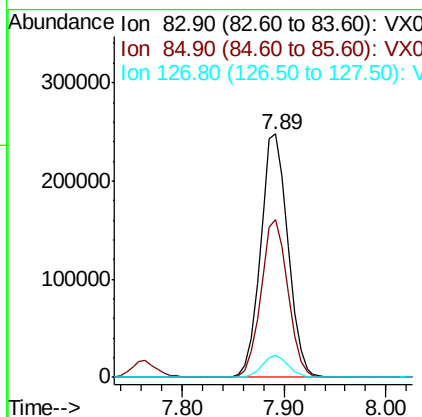
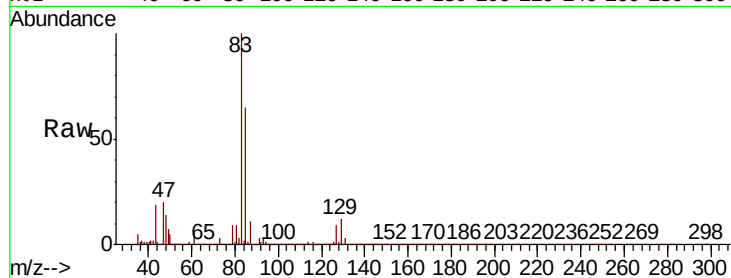
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	83	Resp:	461906
Ion Ratio	Lower	Upper	
83	100		
85	64.7	53.7	80.5
127	9.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.373 ug/l

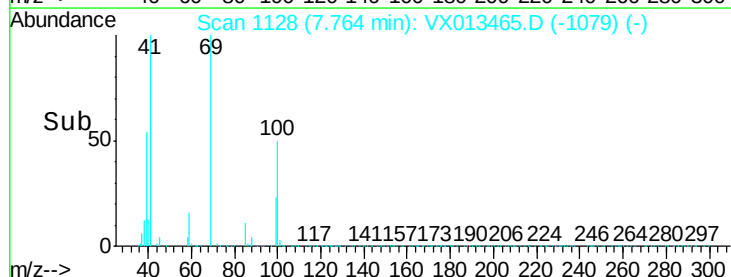
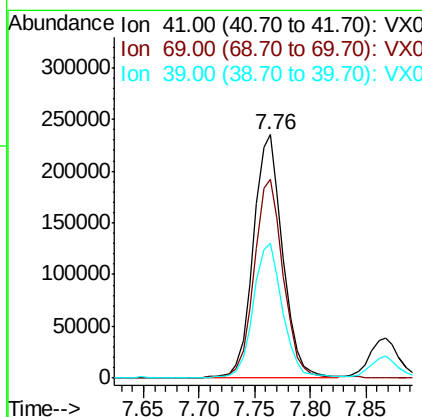
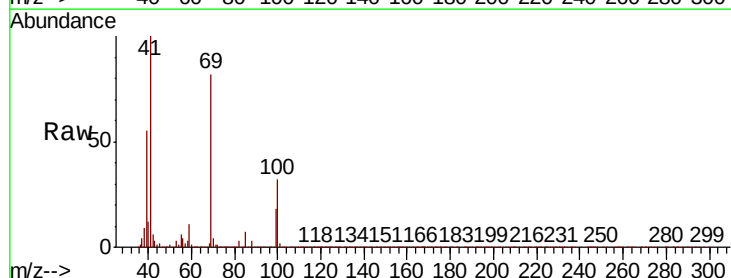
RT: 7.76 min Scan# 1128

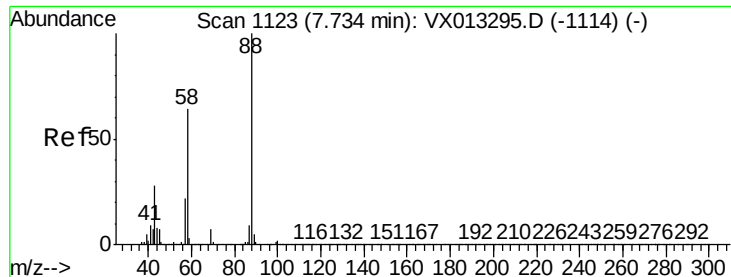
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	41	Resp:	429969
Ion Ratio	Lower	Upper	
41	100		
69	81.4	63.0	94.6
39	54.9	45.9	68.9





#49

1,4-Dioxane

Concen: 850.356 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

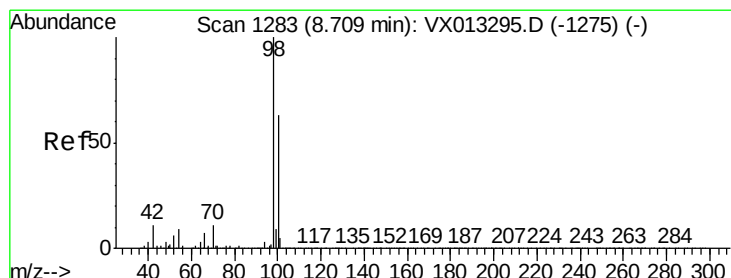
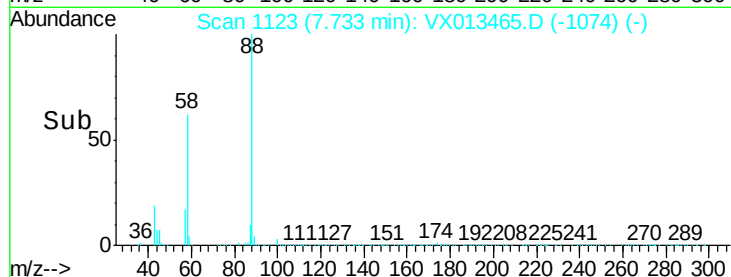
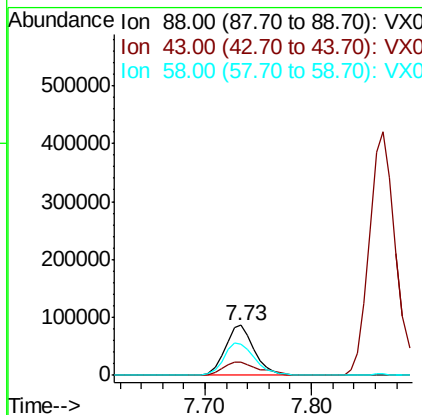
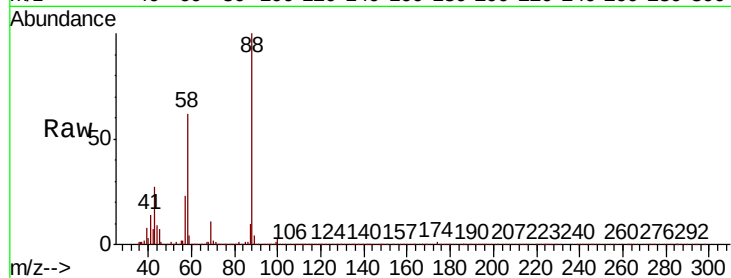
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	88	Resp:	162989
Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.6	39.8
58	69.8	55.0	82.6

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#50

Toluene-d8

Concen: 49.148 ug/l

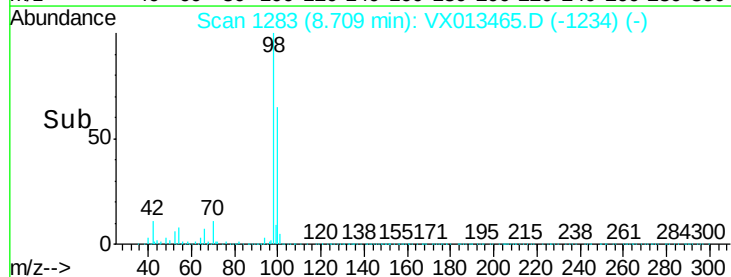
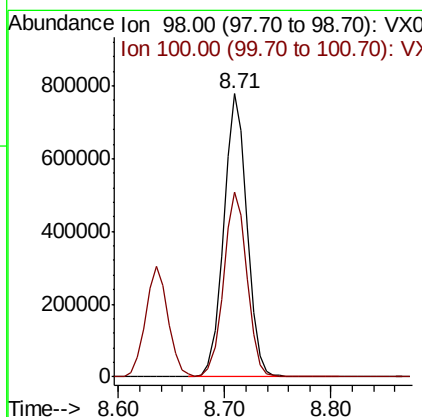
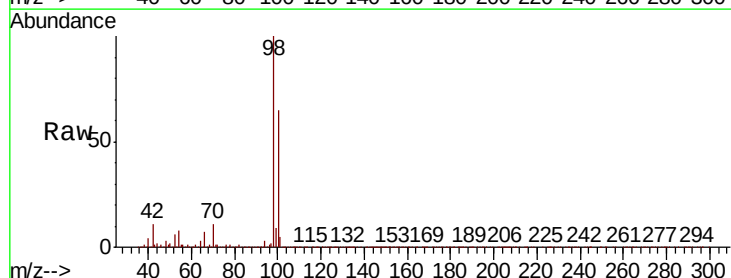
RT: 8.71 min Scan# 1283

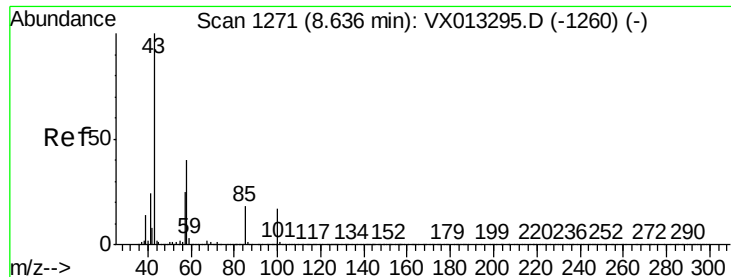
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	98	Resp:	1180421
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 249.004 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tot Ion: 43 Resp: 2739137

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.0

Instrument :

MSVOA_X

ClientSampleId :

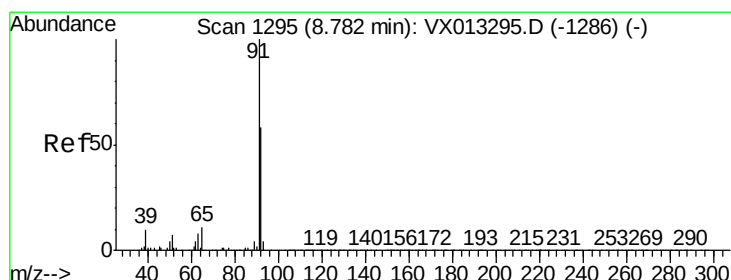
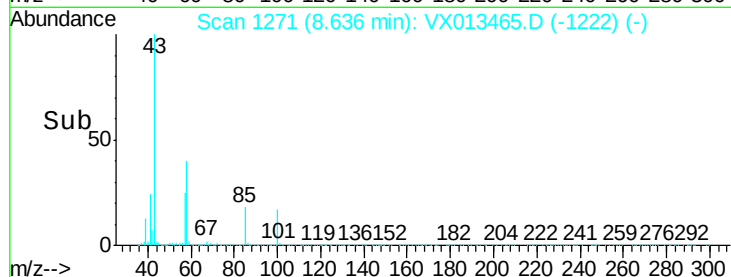
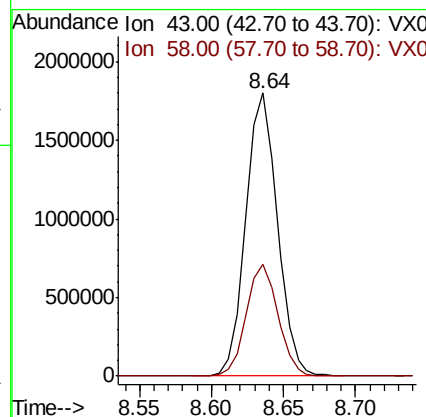
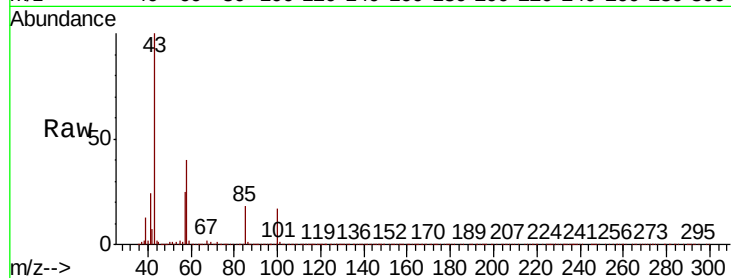
FA19-RFW1147MSD

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#52

Toluene

Concen: 49.748 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013465.D

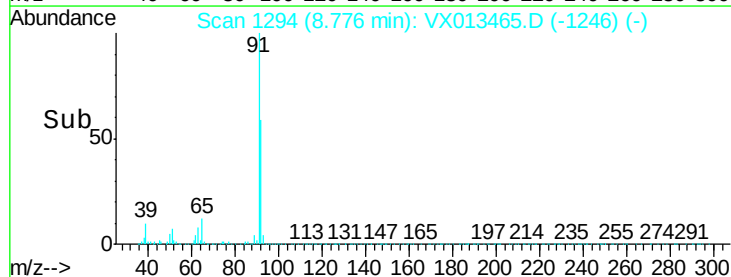
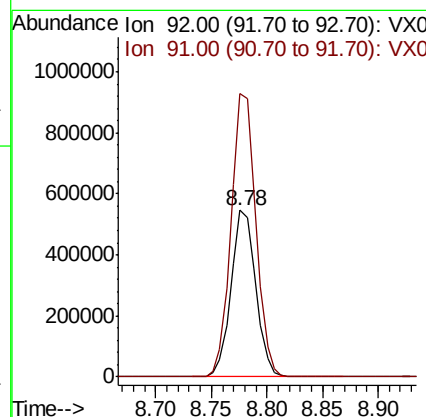
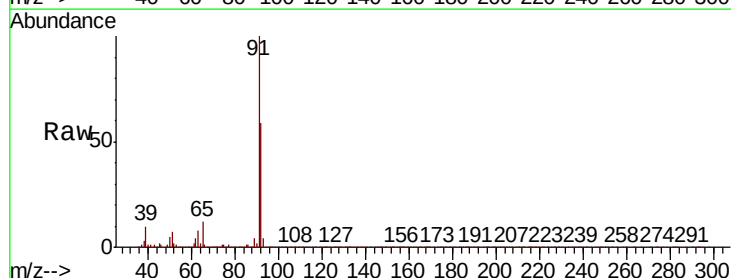
Acq: 19 Nov 2019 15:35

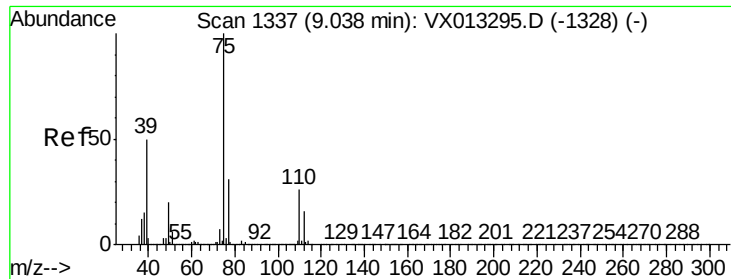
Tgt Ion: 92 Resp: 836922

Ion Ratio Lower Upper

92 100

91 171.2 138.0 207.0





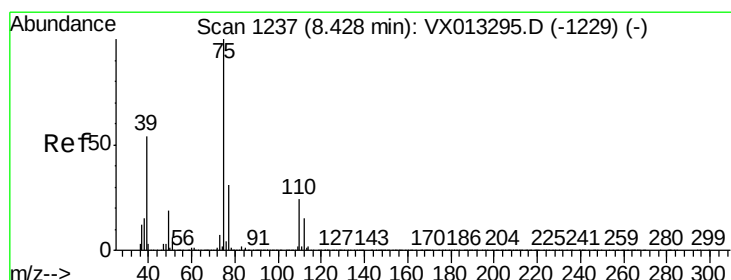
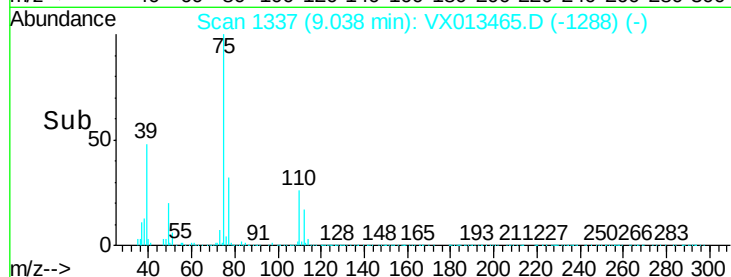
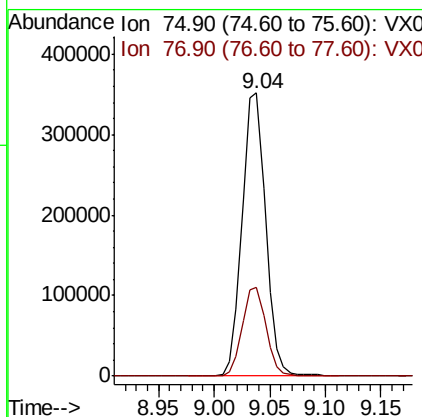
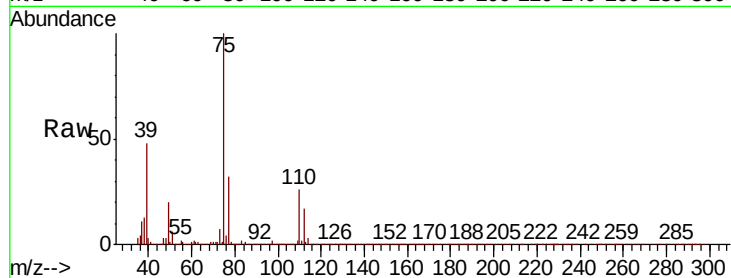
#53
t-1,3-Dichloropropene
Concen: 53.222 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4

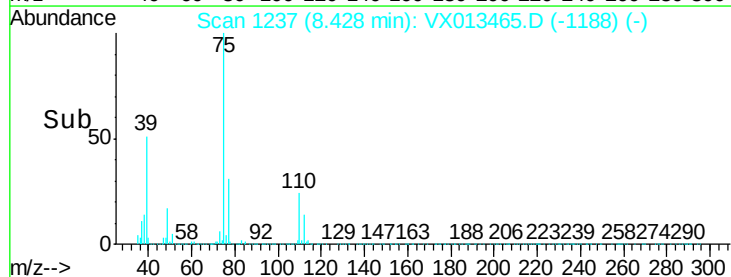
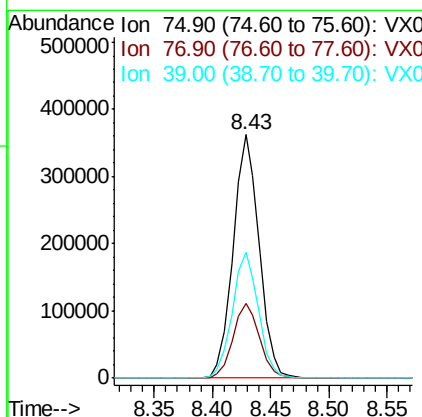
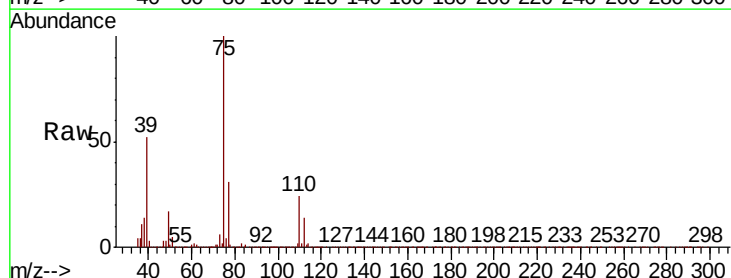
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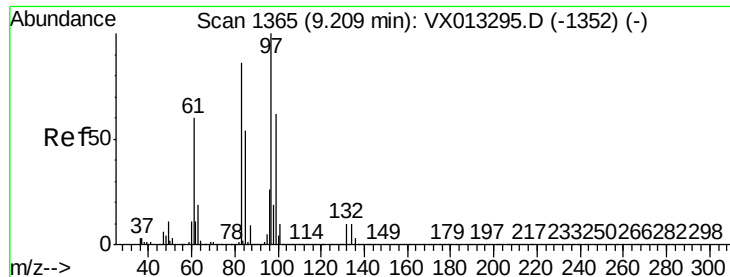
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#54
cis-1,3-Dichloropropene
Concen: 51.720 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	51.4	43.0	64.6





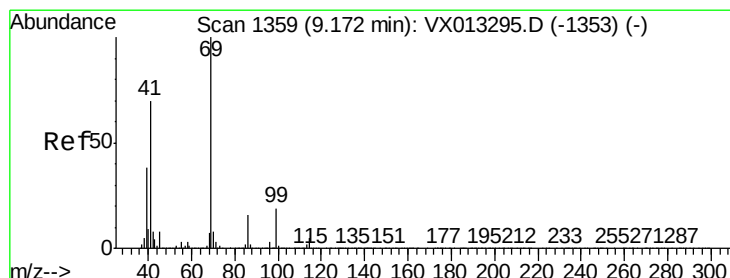
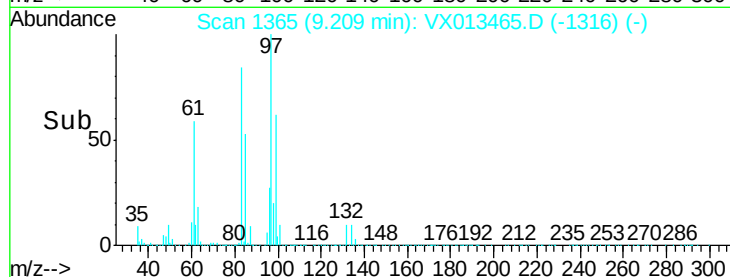
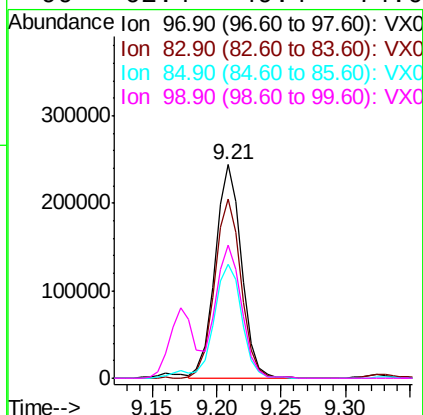
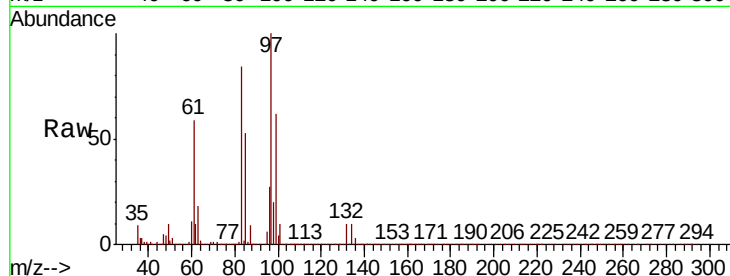
#55
 1,1,2-Trichloroethane
 Concen: 50.504 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.8	68.6	103.0
85	53.4	43.1	64.7
99	62.4	49.4	74.0

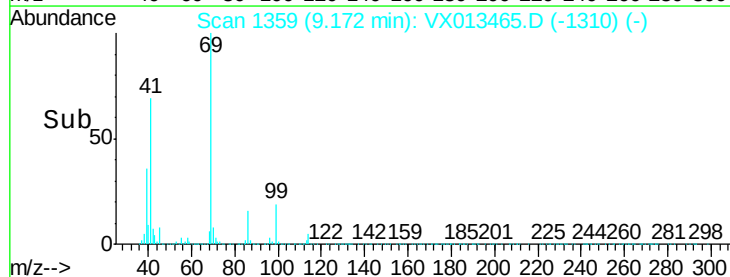
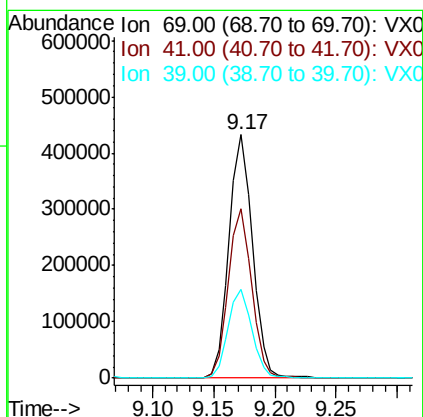
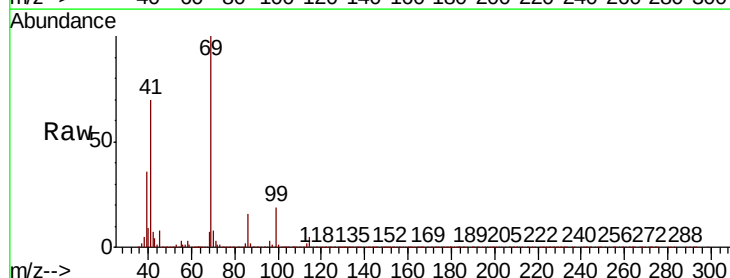
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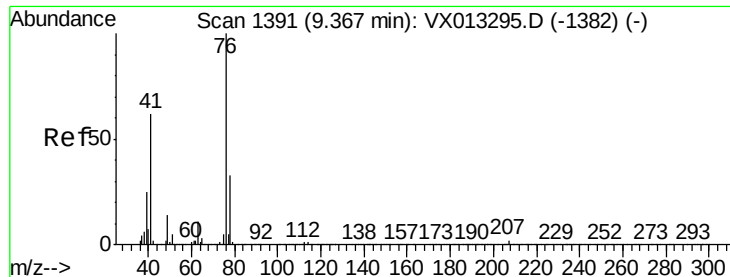
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#56
 Ethyl methacrylate
 Concen: 48.522 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.2	84.2
39	36.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 49.946 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 76 Resp: 591214

Ion Ratio Lower Upper

76 100

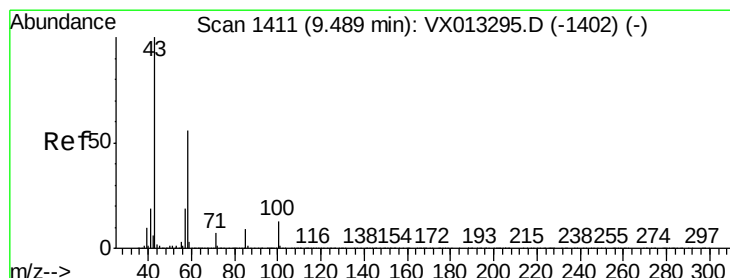
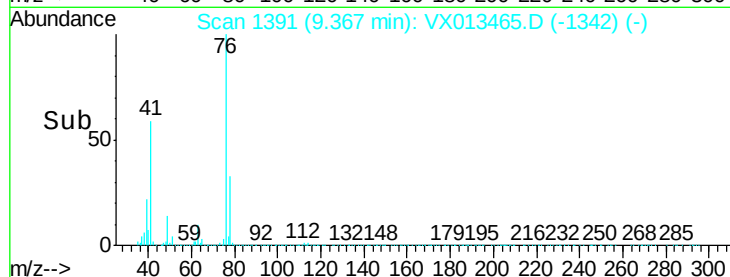
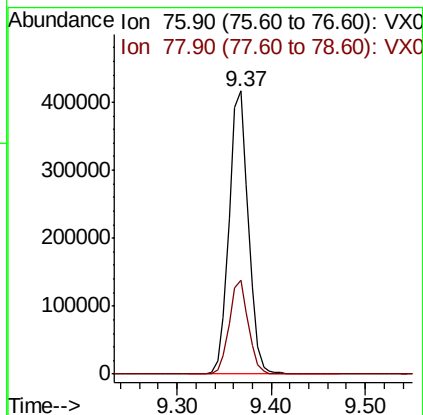
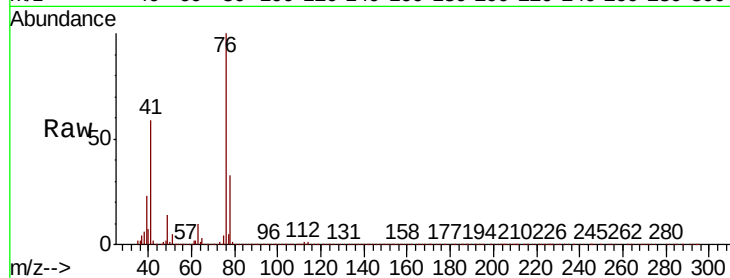
78 32.6 25.8 38.6

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#59

2-Hexanone

Concen: 246.551 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013465.D

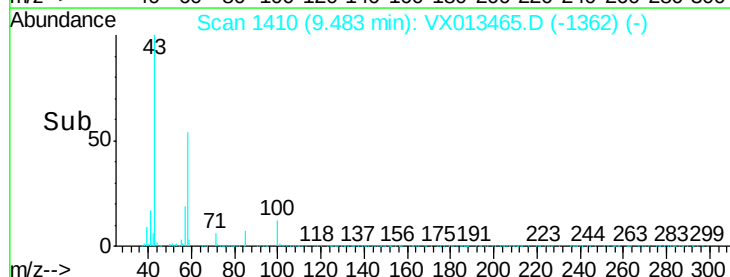
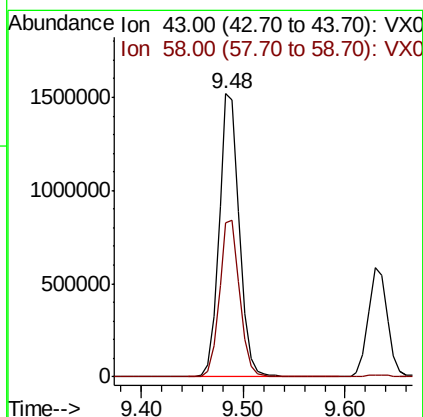
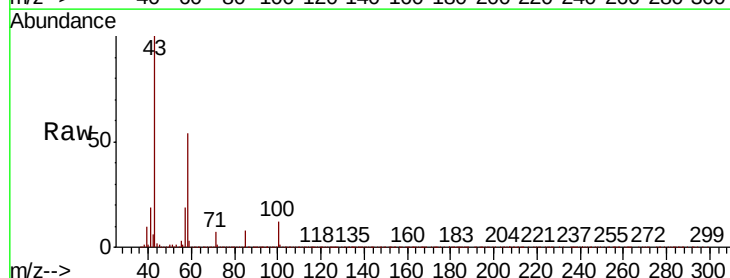
Acq: 19 Nov 2019 15:35

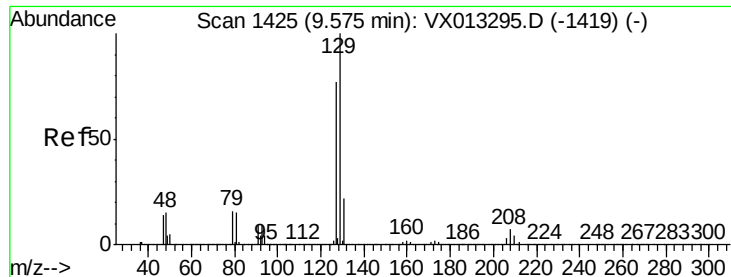
Tgt Ion: 43 Resp: 2095893

Ion Ratio Lower Upper

43 100

58 55.3 27.3 81.8





#60

Dibromochloromethane

Concen: 53.302 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion:129 Resp: 380122

Ion Ratio Lower Upper

129 100

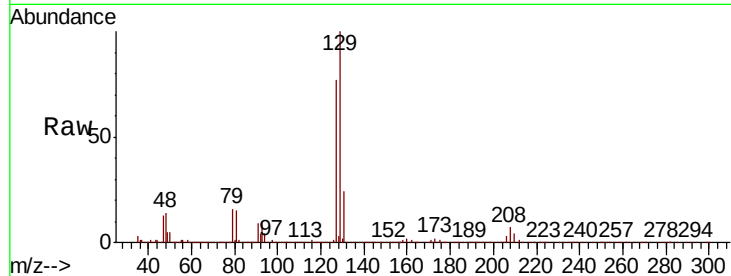
127 76.2 39.1 117.2

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

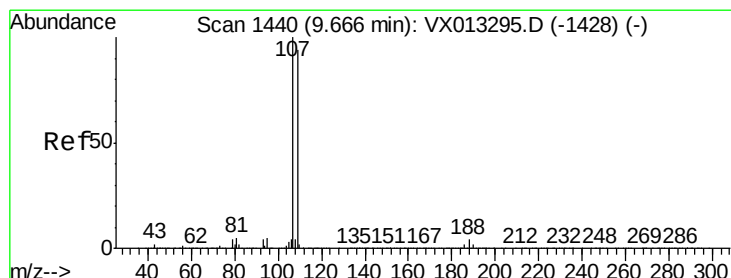
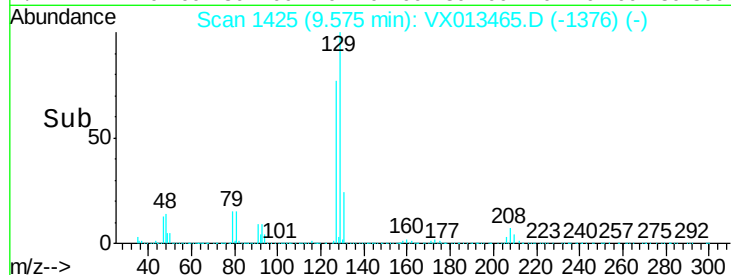
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.842 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013465.D

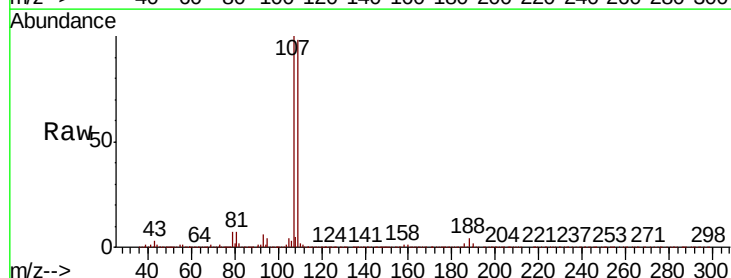
Acq: 19 Nov 2019 15:35

Tgt Ion:107 Resp: 369054

Ion Ratio Lower Upper

107 100

109 94.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

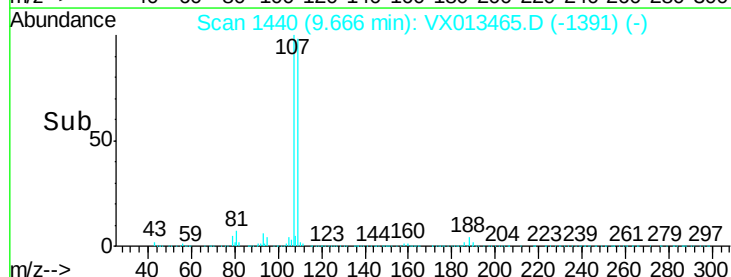
150000

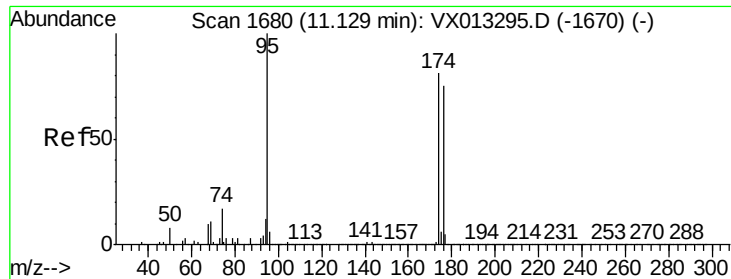
100000

50000

0

Time-->





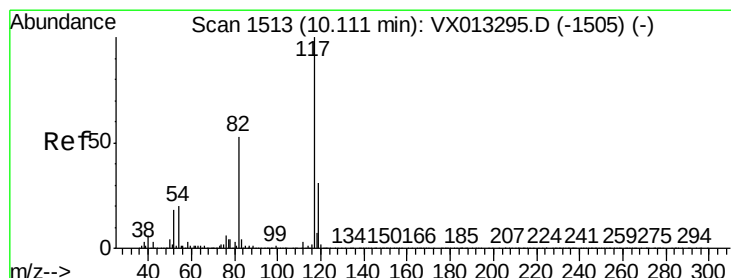
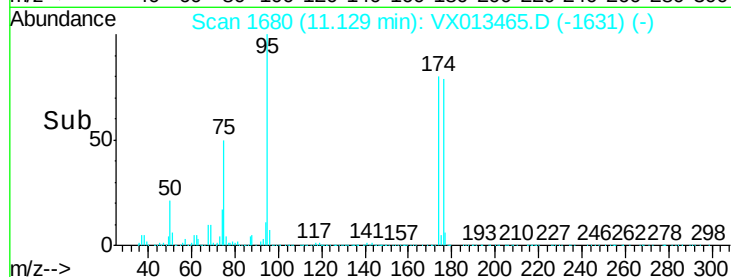
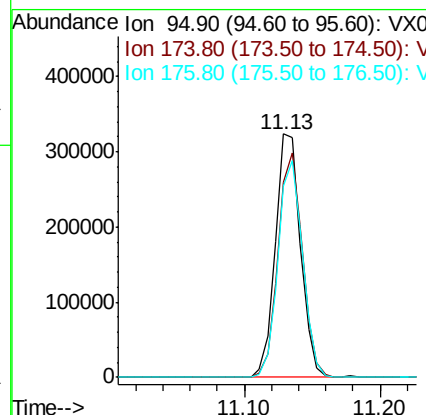
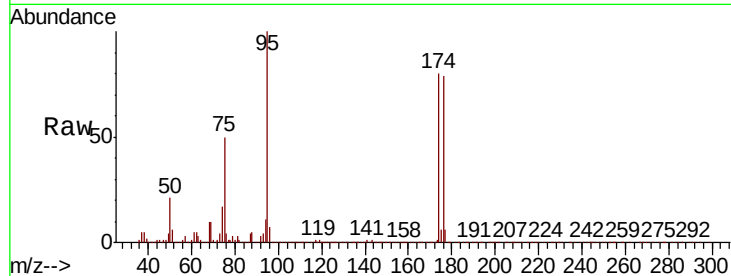
#62
4-Bromofluorobenzene
Concen: 48.385 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	419402		
174	89.6	0.0	179.8	
176	87.1	0.0	173.0	

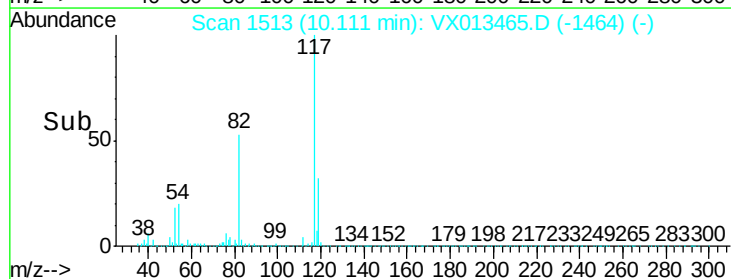
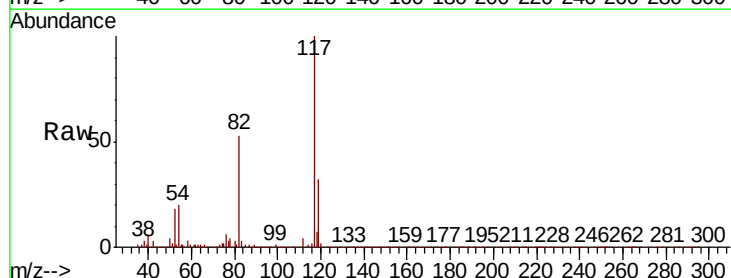
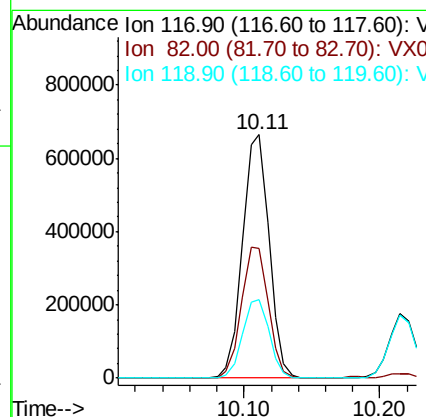
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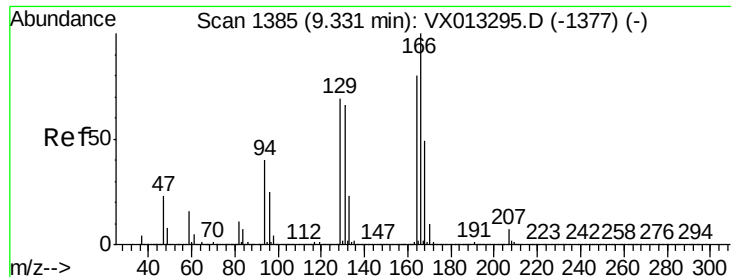
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	906280		
82	53.2	42.6	64.0	
119	32.5	24.8	37.2	





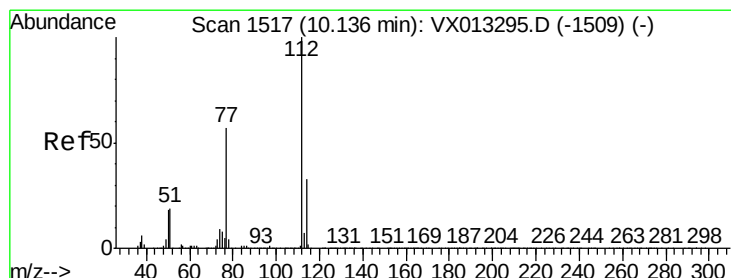
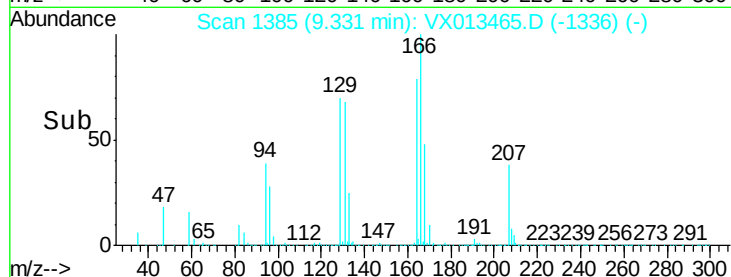
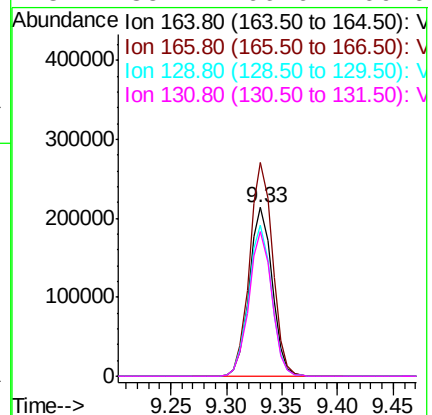
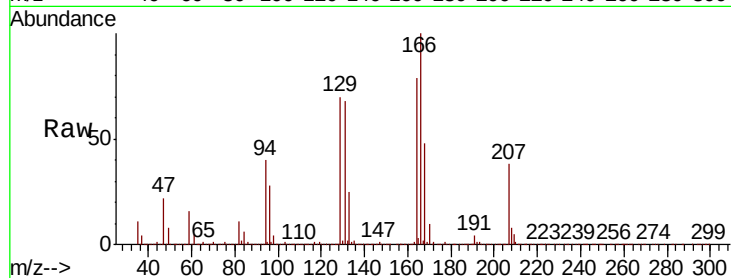
#64
Tetrachloroethene
Concen: 47.178 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.4	150.6
129	89.1	69.4	104.2
131	85.4	66.6	100.0

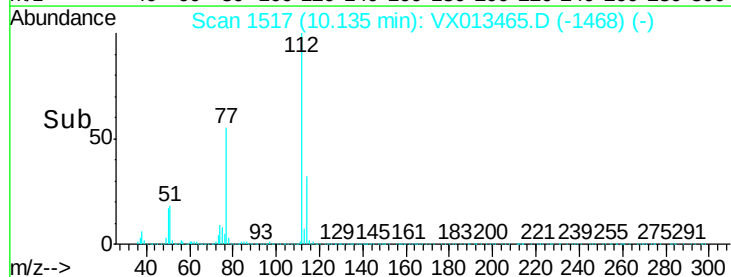
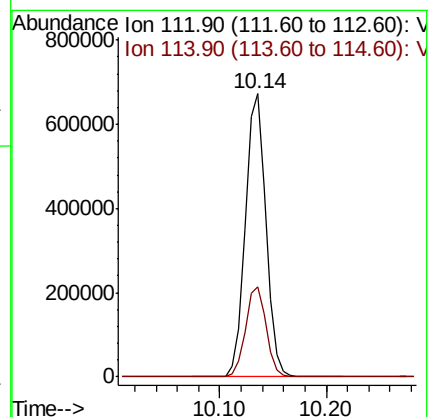
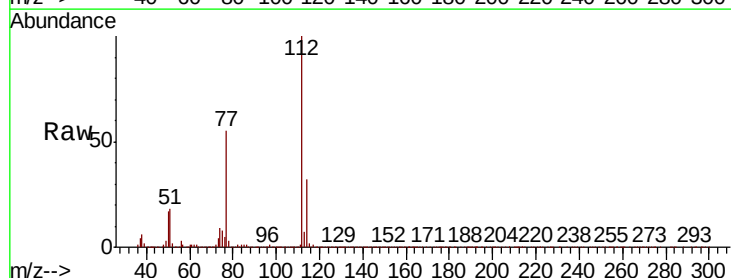
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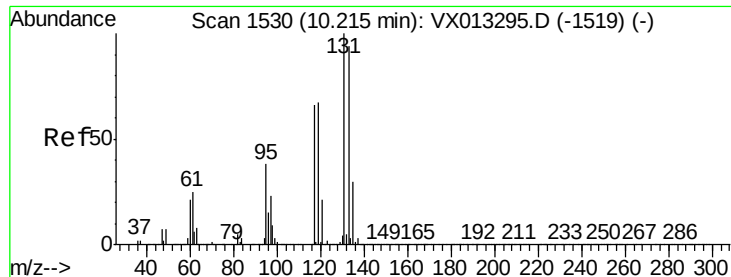
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11/20/2019 9:18:05 AM



#65
Chlorobenzene
Concen: 49.712 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.4	39.6





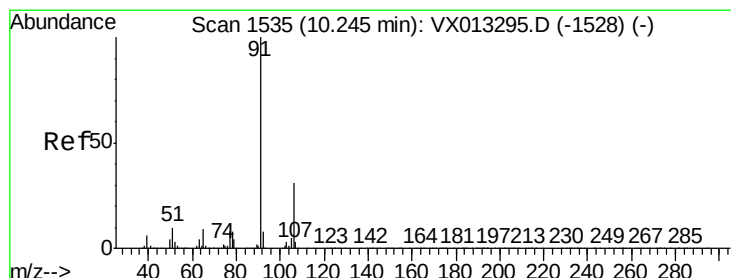
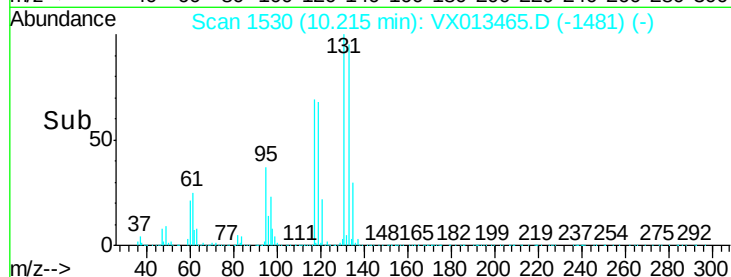
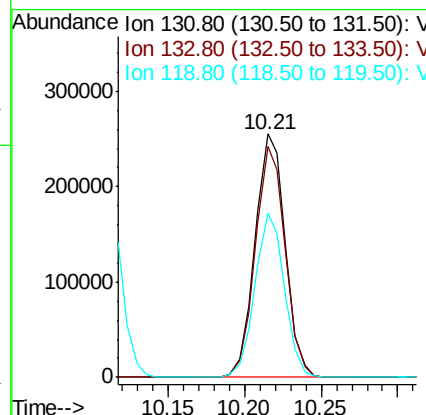
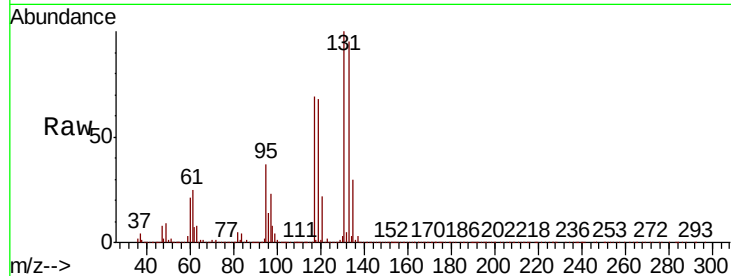
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.883 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.1	48.0	144.0
119	65.8	33.0	99.0

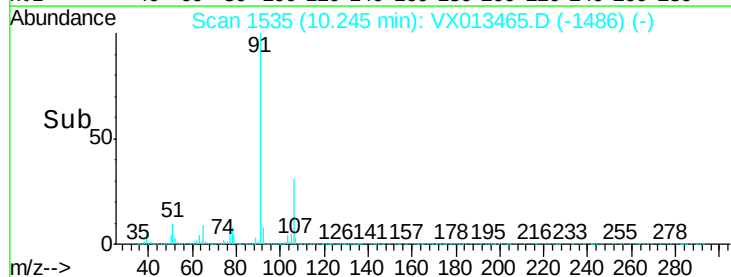
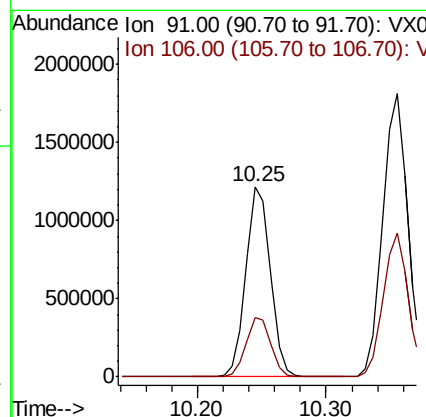
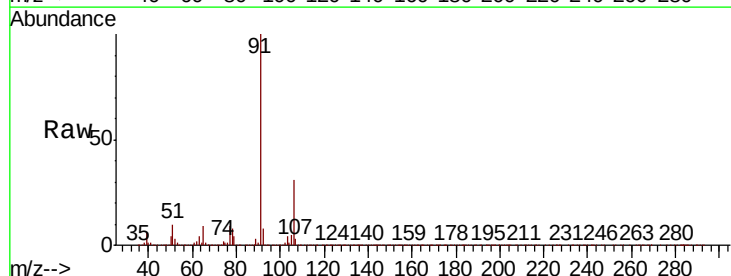
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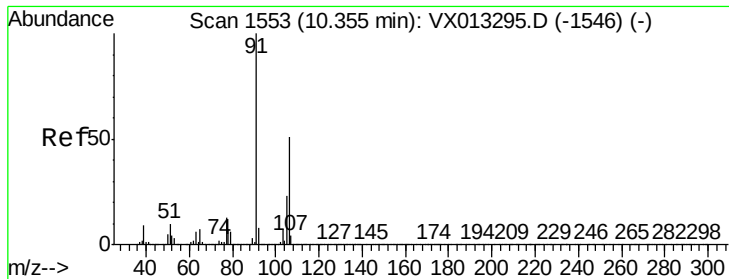
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#67
 Ethyl Benzene
 Concen: 50.220 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	36.8





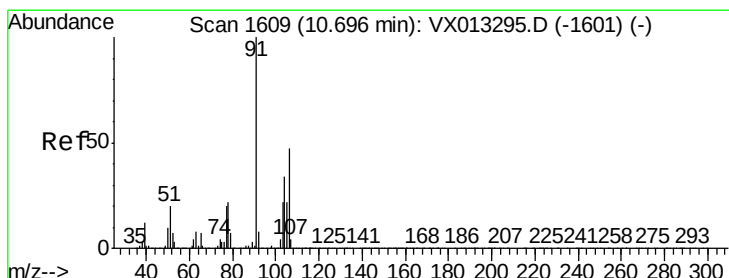
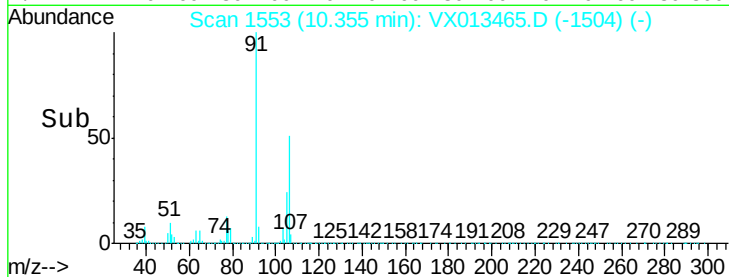
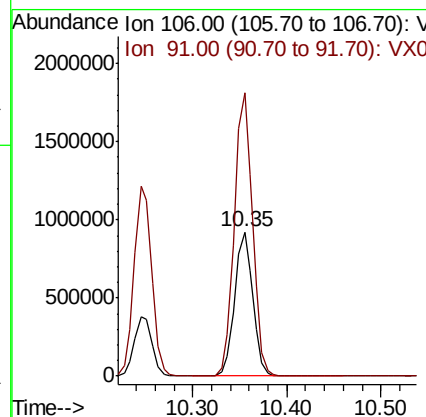
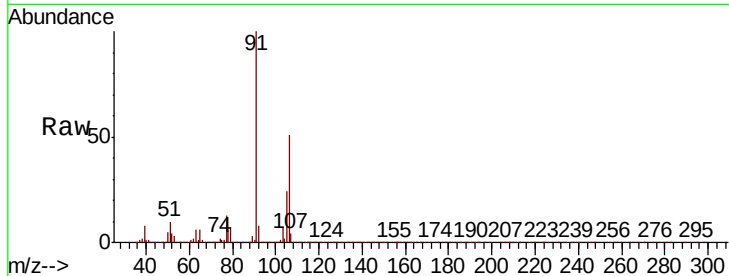
#68
m/p-Xylenes
Concen: 101.902 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion:106 Resp: 1220392
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

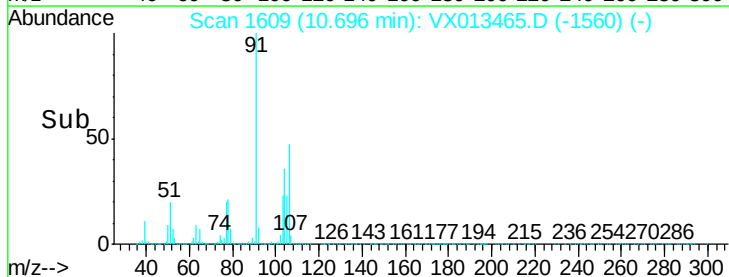
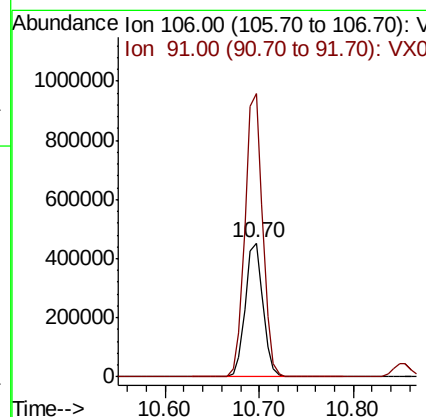
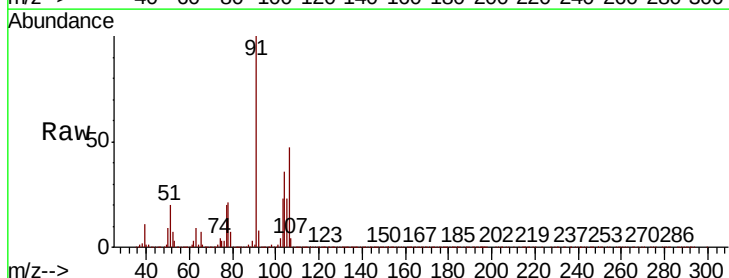
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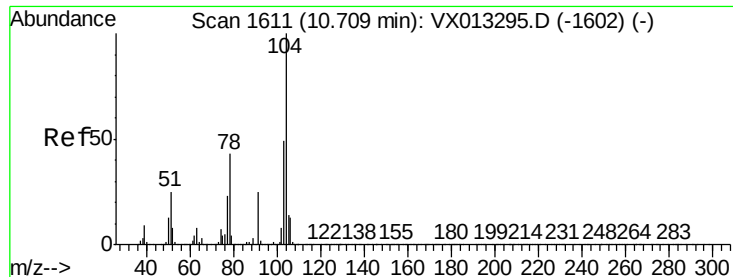
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#69
o-Xylene
Concen: 50.349 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion:106 Resp: 590347
Ion Ratio Lower Upper
106 100
91 210.2 105.7 317.0





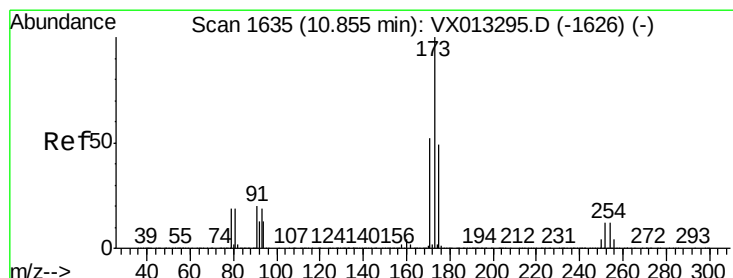
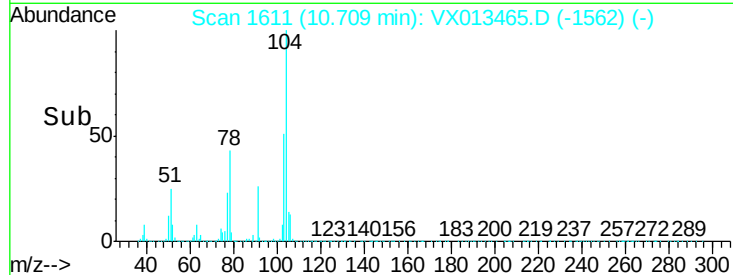
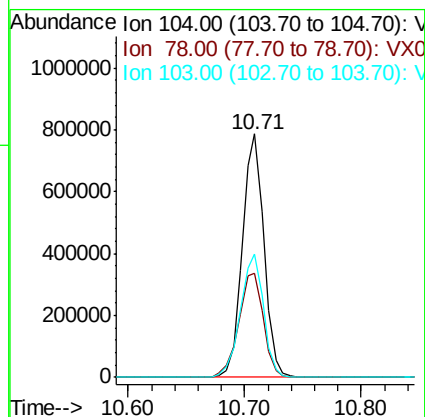
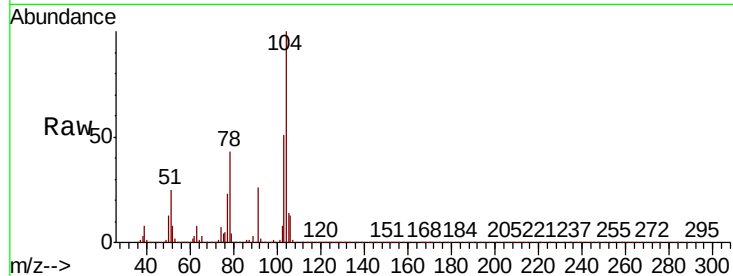
#70
Stvrene
Concen: 51.829 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion:104 Resp: 1015827
Ion Ratio Lower Upper
104 100
78 48.7 40.0 60.0
103 54.5 44.1 66.1

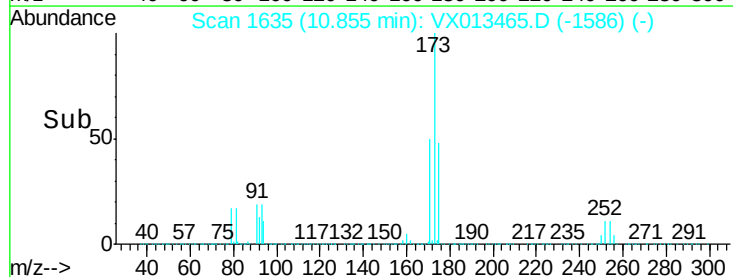
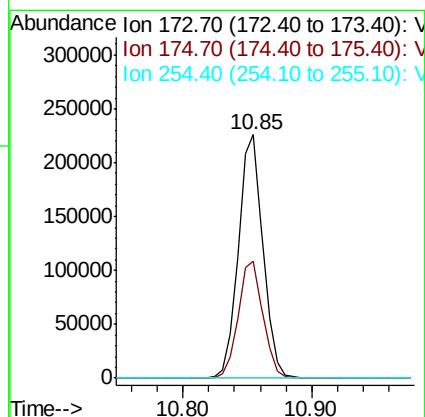
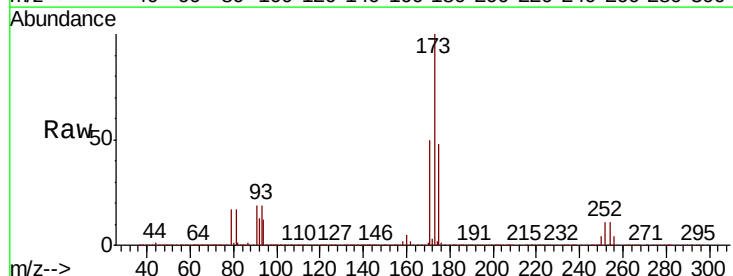
Manual Integrations
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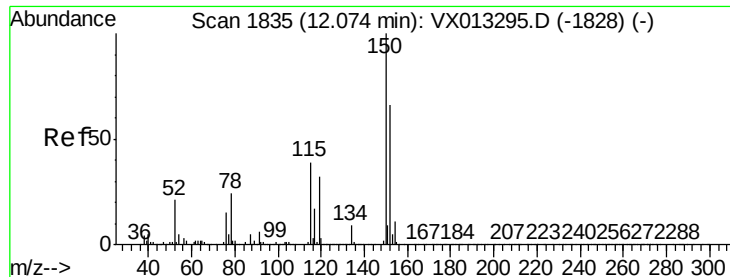
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#71
Bromoform
Concen: 47.841 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion:173 Resp: 297913
Ion Ratio Lower Upper
173 100
175 48.2 24.8 74.4
254 0.2 0.2 0.2





#72

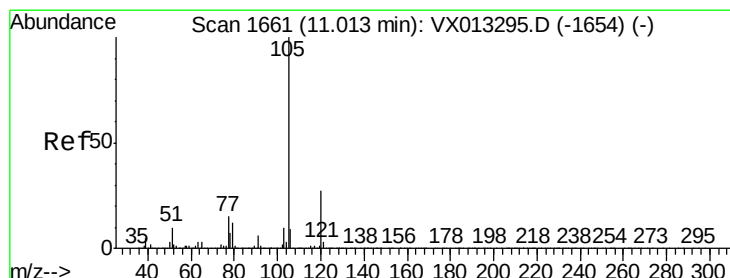
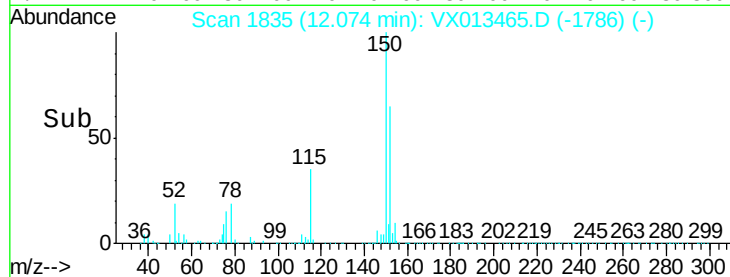
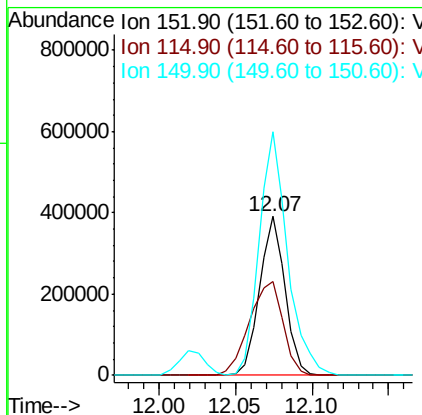
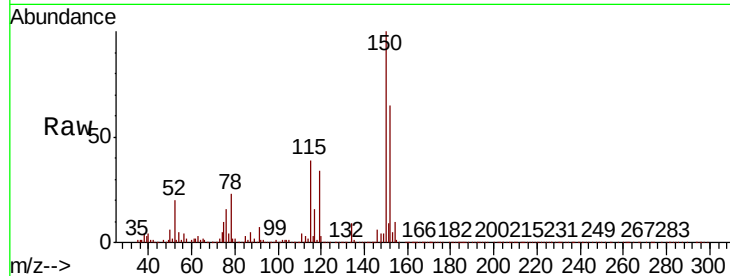
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.1	39.5	118.3
150	170.3	0.0	344.4

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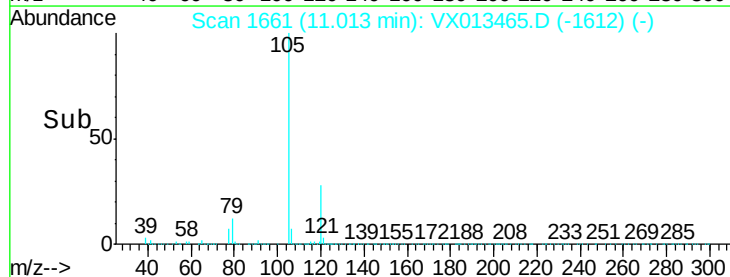
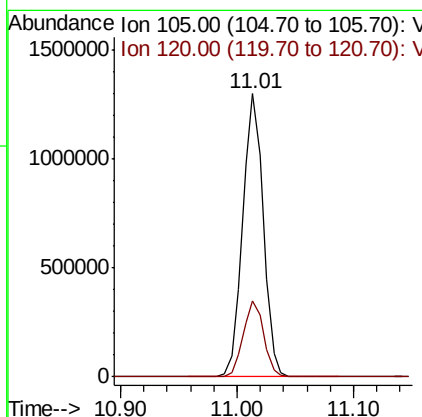
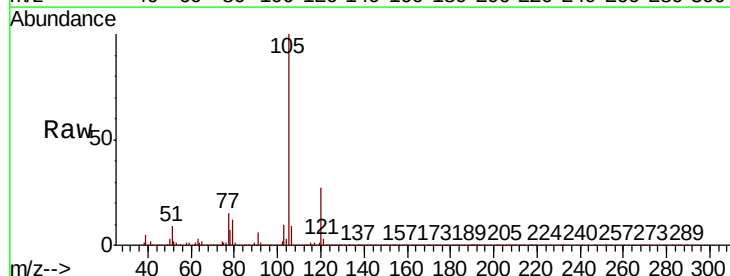
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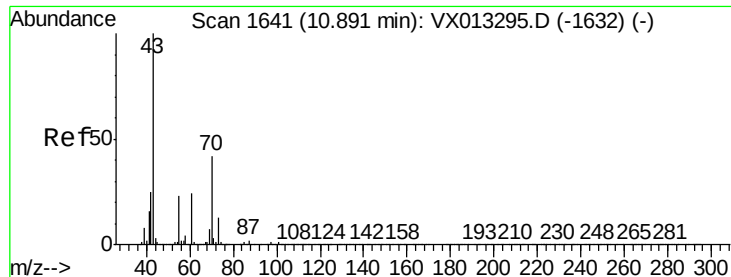


#73

Isopropylbenzene
Concen: 53.209 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.5





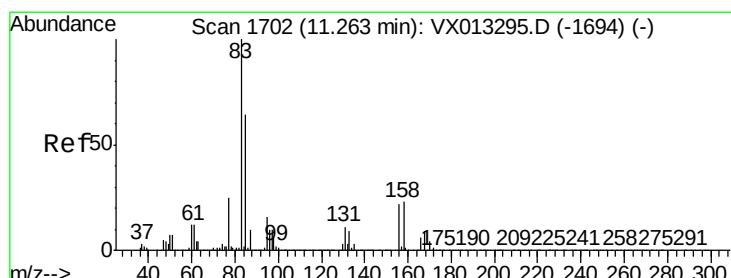
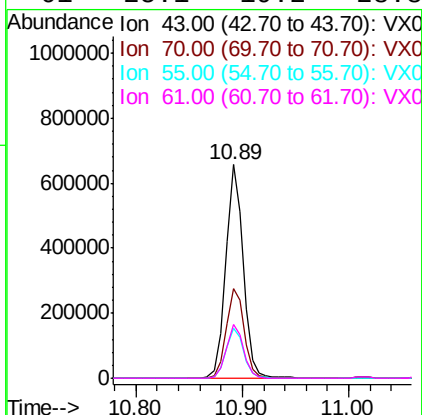
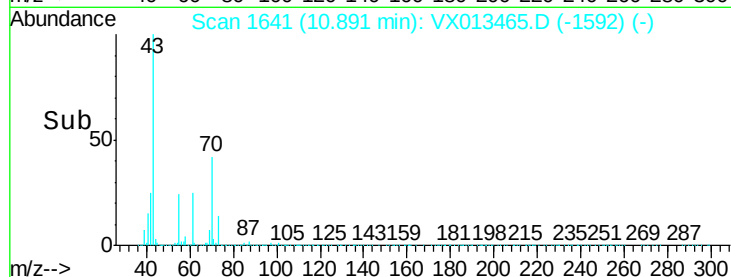
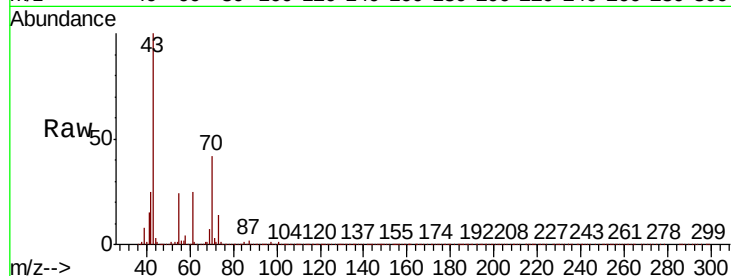
#74
N-amvl acetate
Concen: 54.003 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
70	70	43.2	34.1	51.1
55	55	23.8	18.9	28.3
61	61	25.1	19.2	28.8

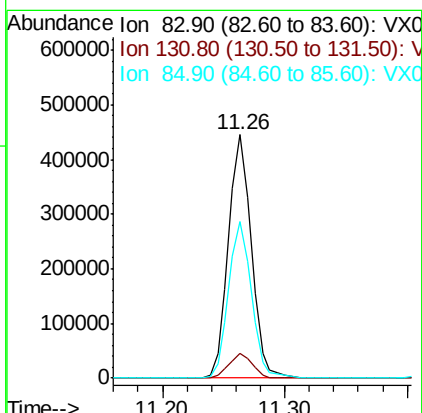
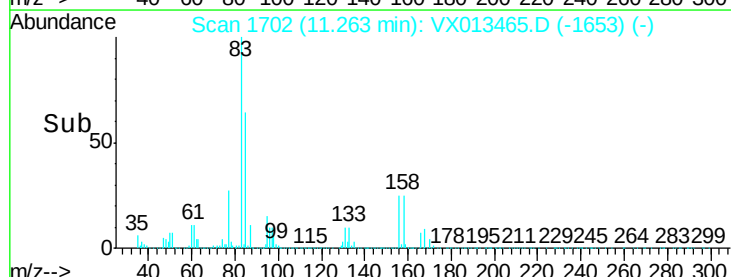
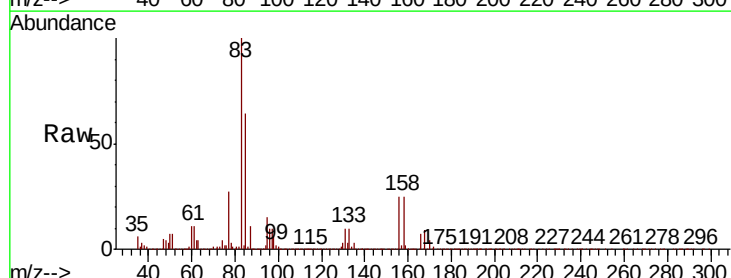
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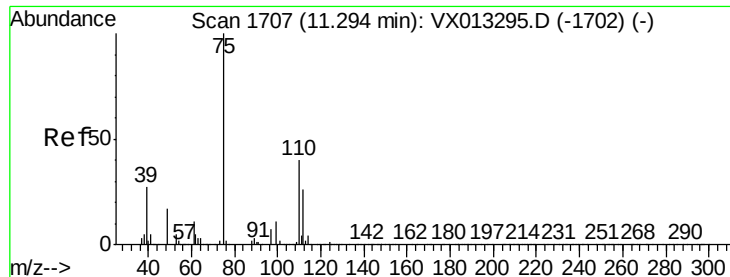
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#75
1,1,2,2-Tetrachloroethane
Concen: 52.328 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
83	83	100		
131	131	10.2	5.1	15.3
85	85	64.7	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 57.528 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 75 Resp: 531234

Ion Ratio Lower Upper

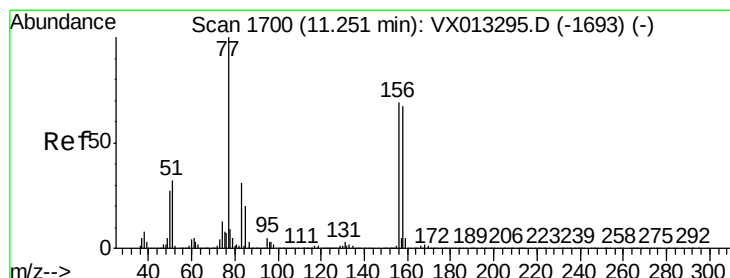
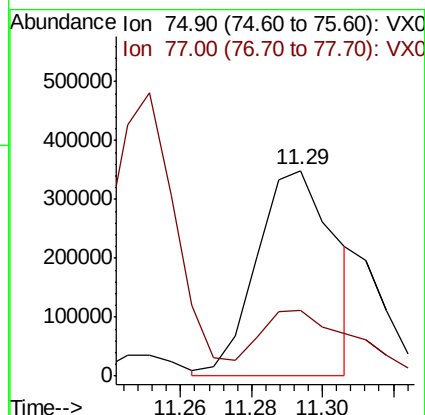
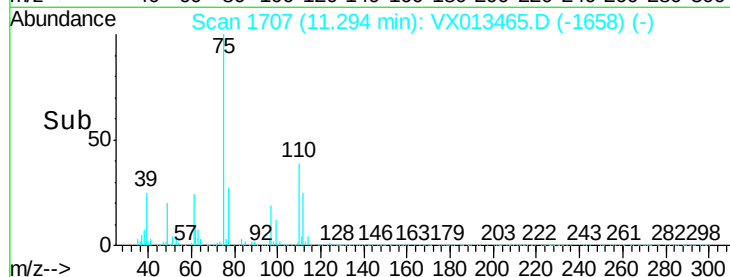
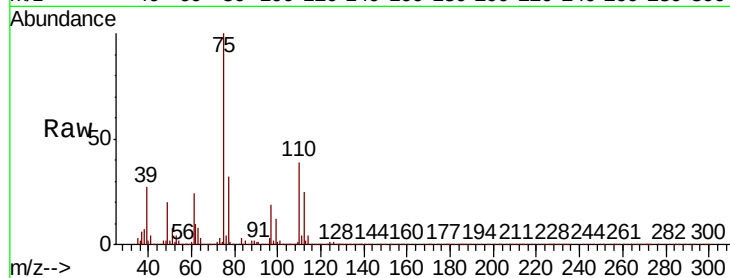
75 100

77 38.4 22.3 66.8

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#77

Bromobenzene

Concen: 51.343 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

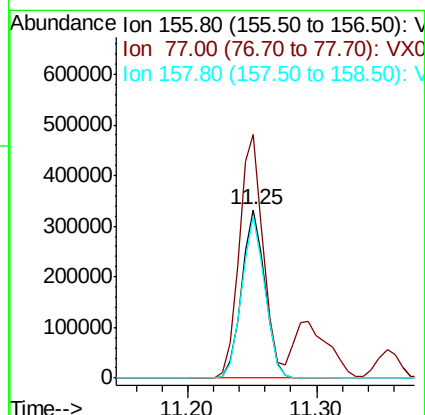
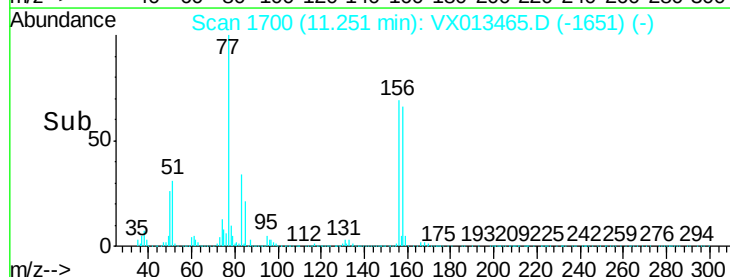
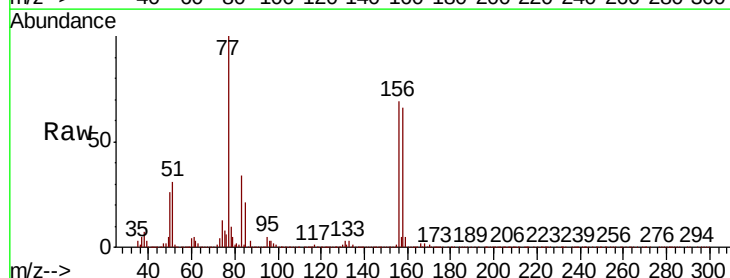
Tgt Ion: 156 Resp: 412580

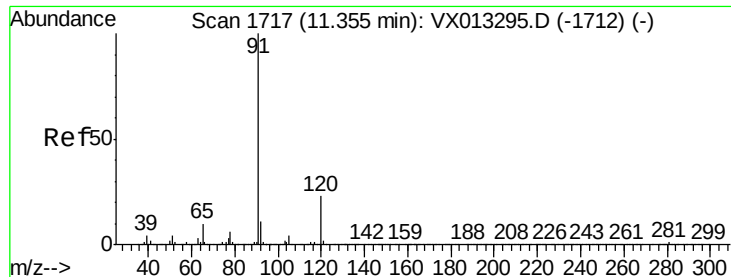
Ion Ratio Lower Upper

156 100

77 150.7 75.8 227.4

158 95.7 47.6 142.8





#78

n-propylbenzene

Concen: 53.355 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 91 Resp: 1791535

Ion Ratio Lower Upper

91 100

120 23.4

11.6

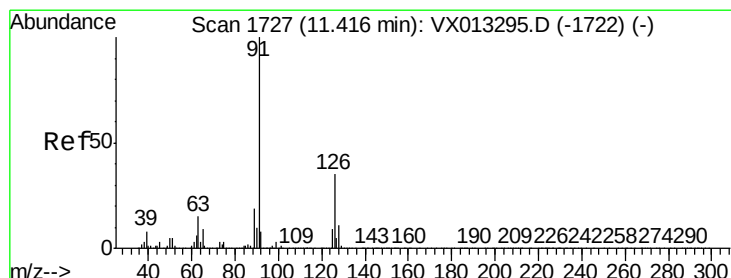
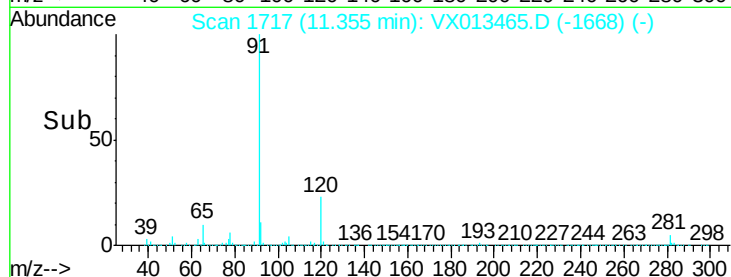
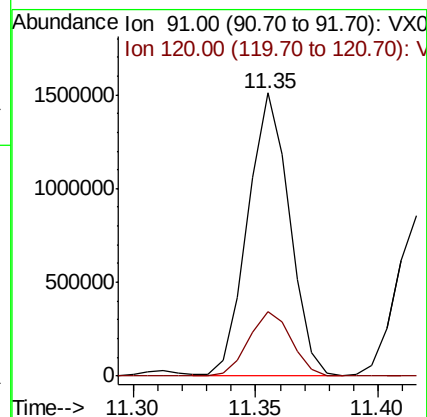
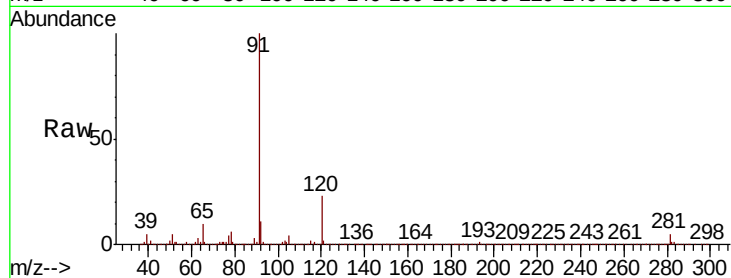
34.8

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#79

2-Chlorotoluene

Concen: 51.672 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion: 91 Resp: 1045358

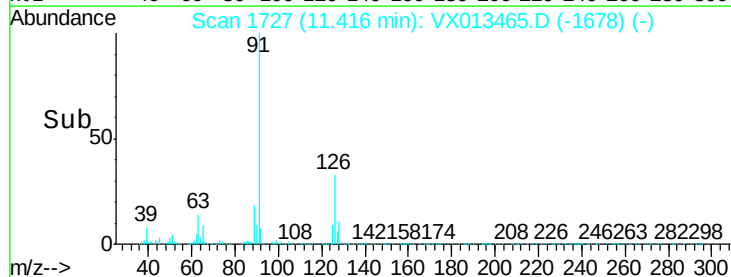
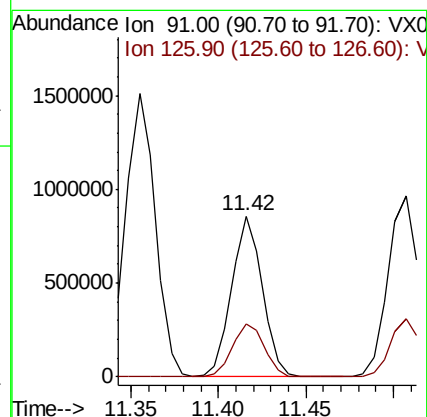
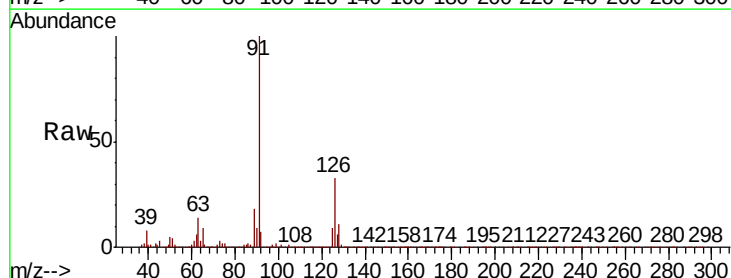
Ion Ratio Lower Upper

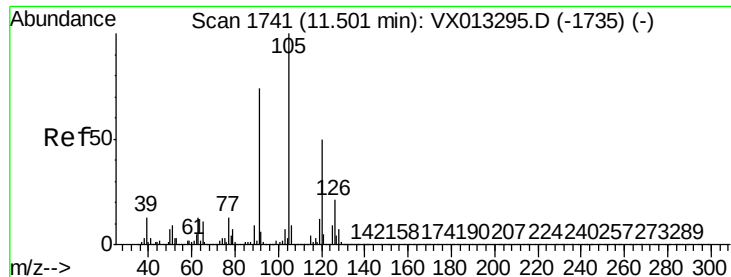
91 100

126 34.4

17.3

52.0





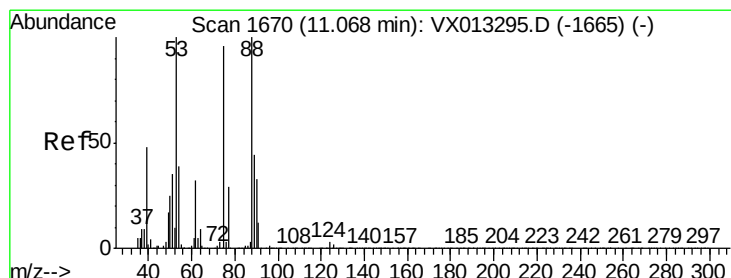
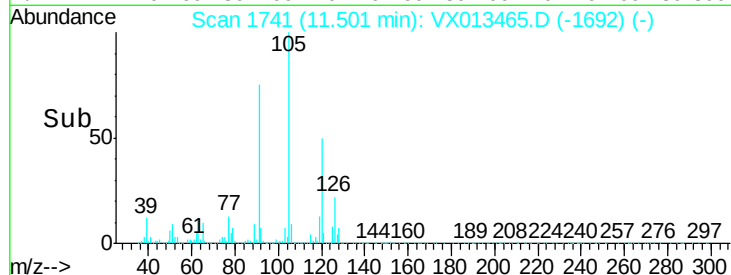
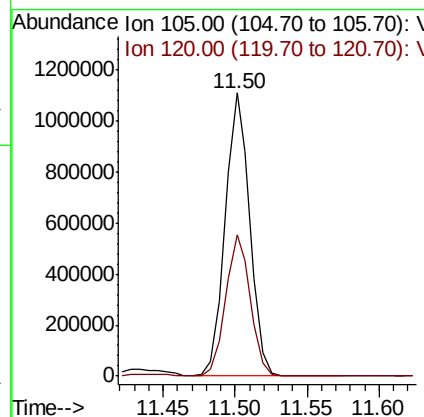
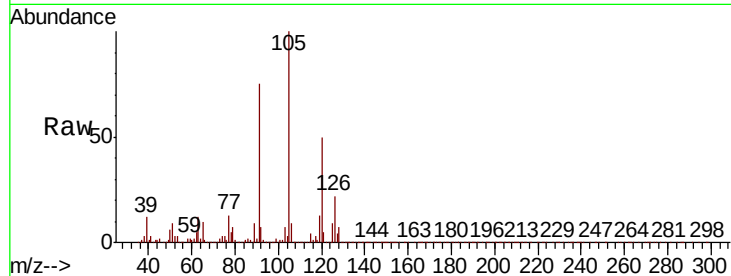
#80
 1,3,5-Trimethylbenzene
 Concen: 52.967 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion:105 Resp: 1329877
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8

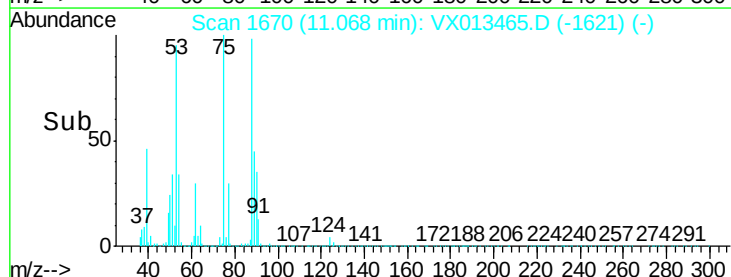
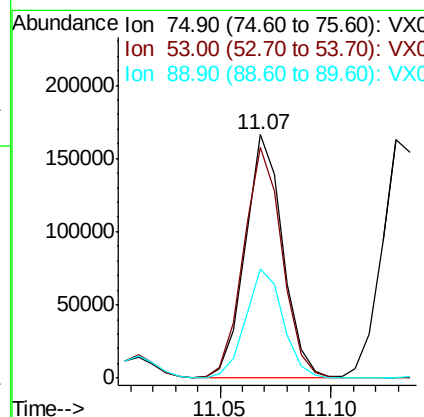
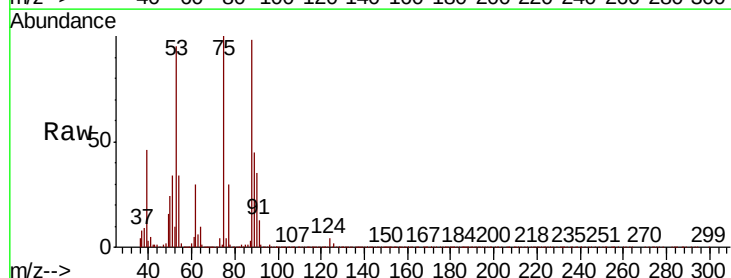
Manual Integrations
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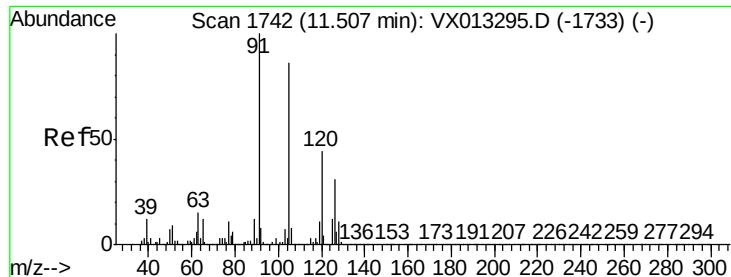
MMDadoda
 11/20/2019 9:18:05 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.274 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion: 75 Resp: 194712
 Ion Ratio Lower Upper
 75 100
 53 96.9 81.0 121.6
 89 45.4 36.0 54.0





#82

4-Chlorotoluene

Concen: 50.075 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 91 Resp: 1185863

Ion Ratio Lower Upper

91 100

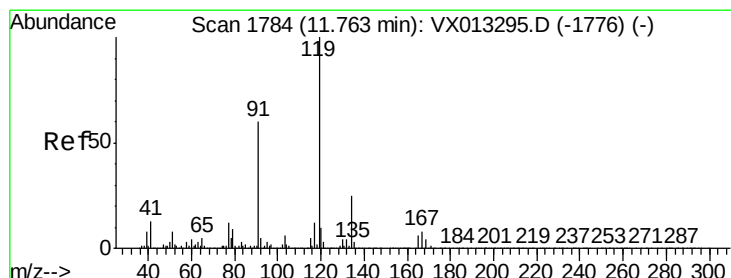
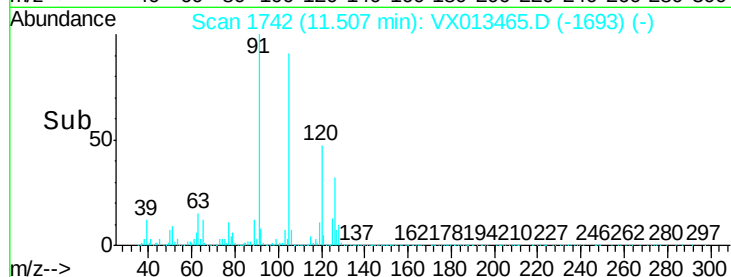
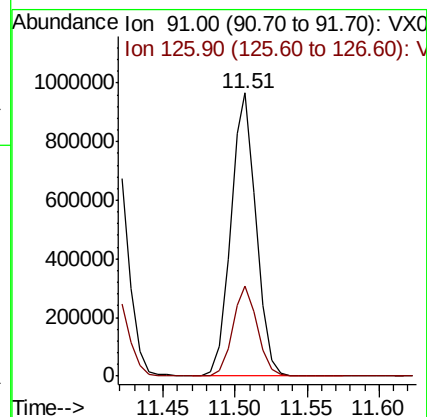
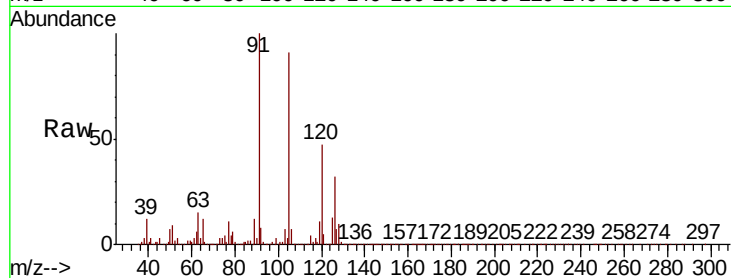
126 31.0 15.3 45.8

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#83

tert-Butylbenzene

Concen: 53.392 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

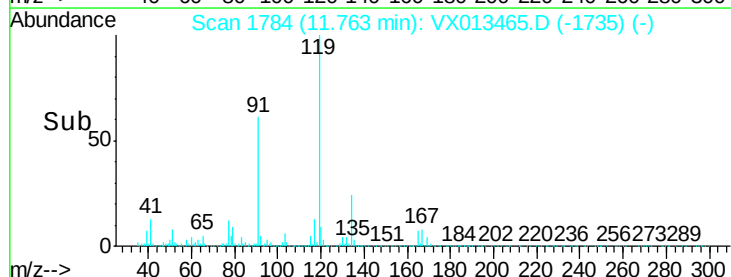
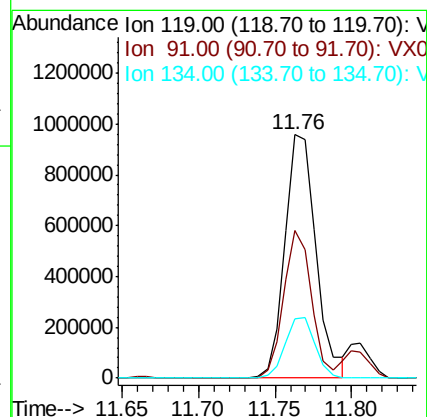
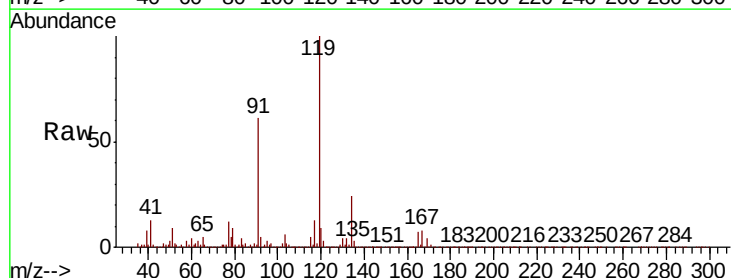
Tgt Ion: 119 Resp: 1349468

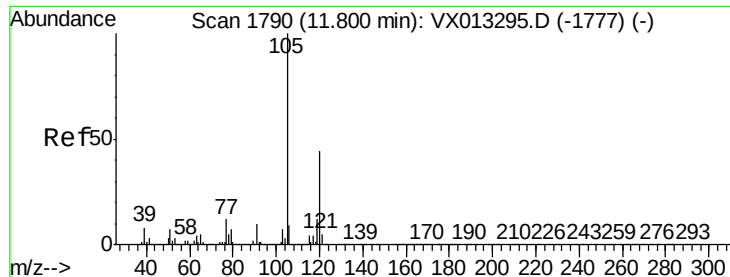
Ion Ratio Lower Upper

119 100

91 54.3 26.9 80.7

134 23.8 11.7 35.1





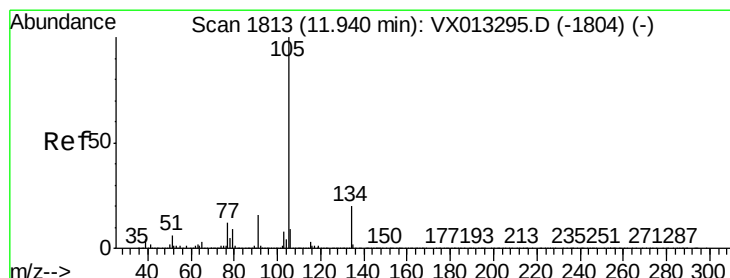
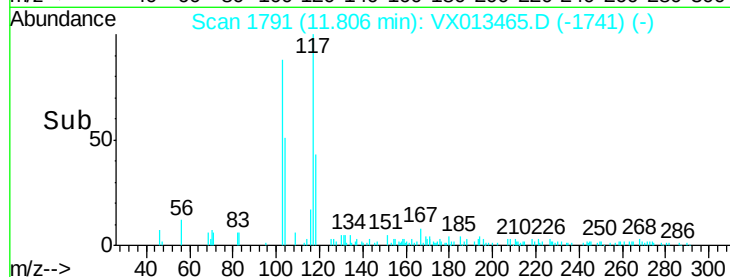
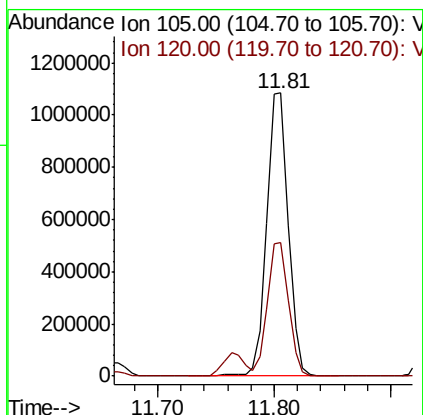
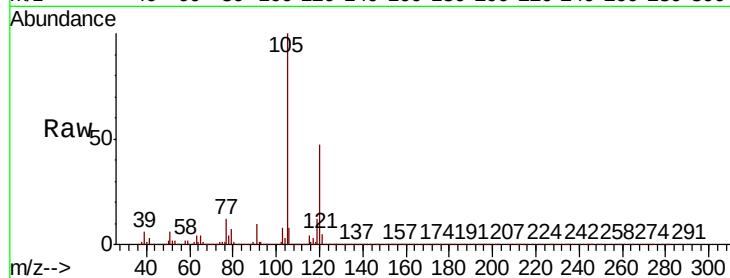
#84
 1,2,4-Trimethylbenzene
 Concen: 54.989 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion:105 Resp: 1385001
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1

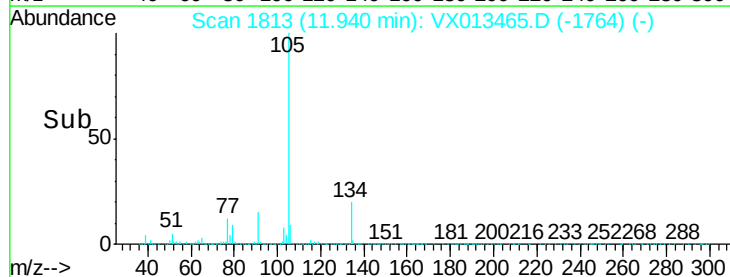
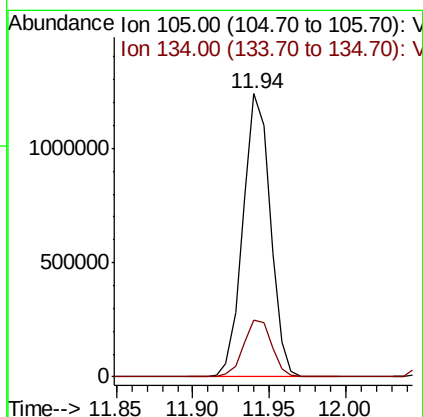
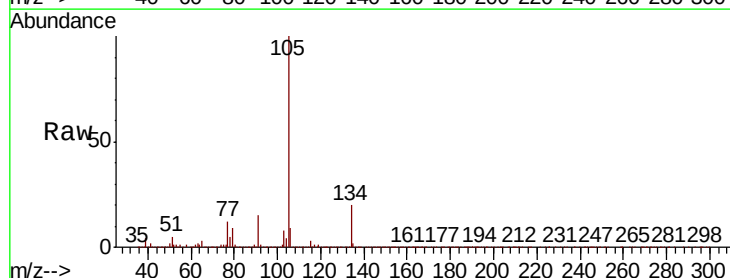
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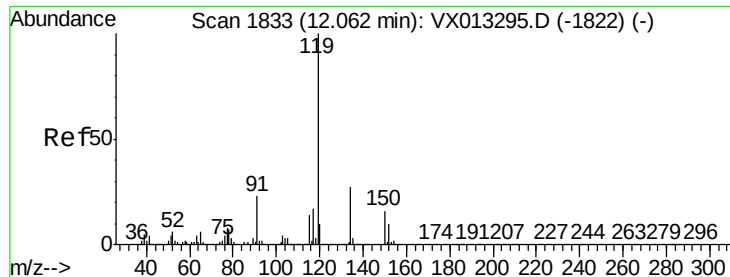
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#85
 sec-Butylbenzene
 Concen: 52.846 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion:105 Resp: 1535075
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9





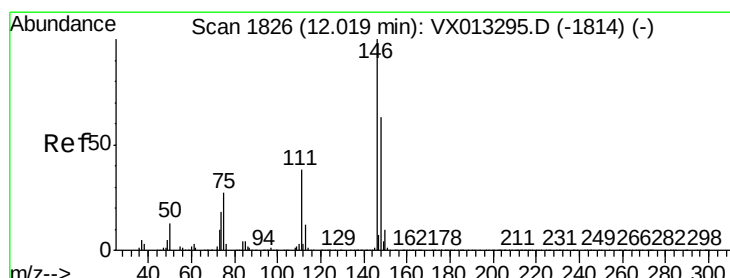
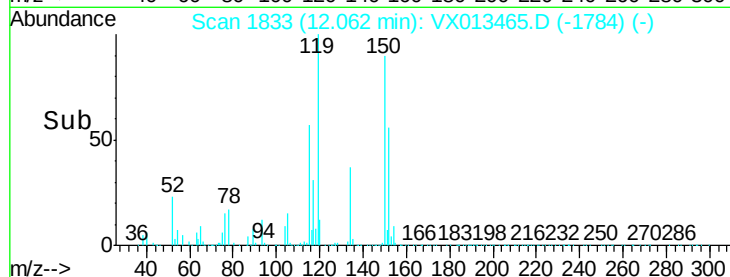
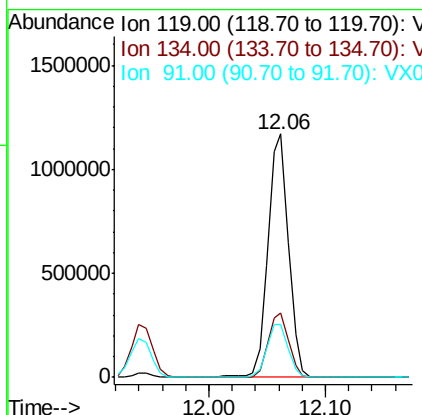
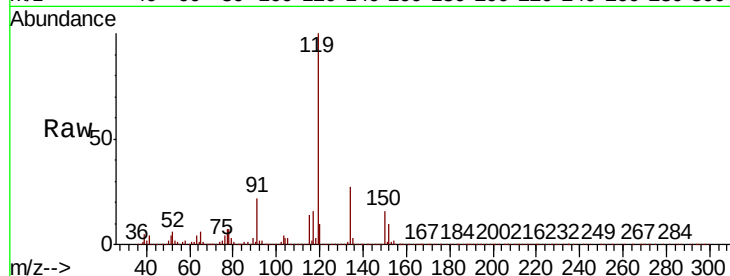
#86
p-Isopropyltoluene
Concen: 52.986 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.8
91	22.7	11.5	34.4

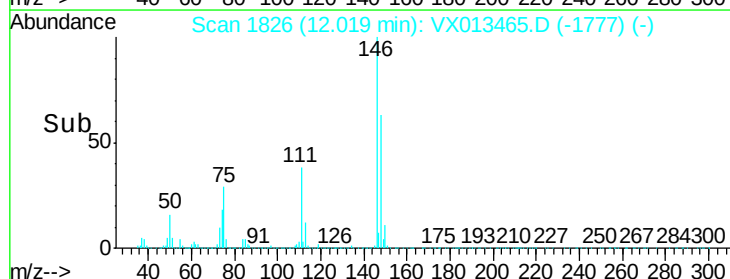
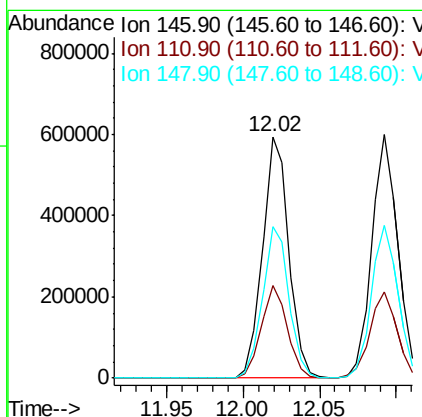
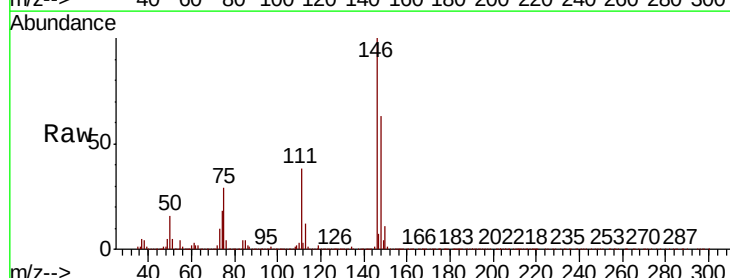
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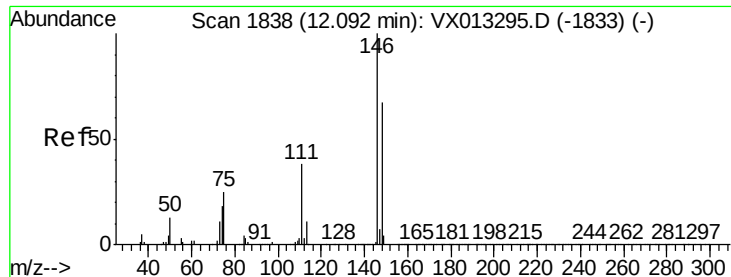
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#87
1,3-Dichlorobenzene
Concen: 49.782 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	63.3	31.9	95.7





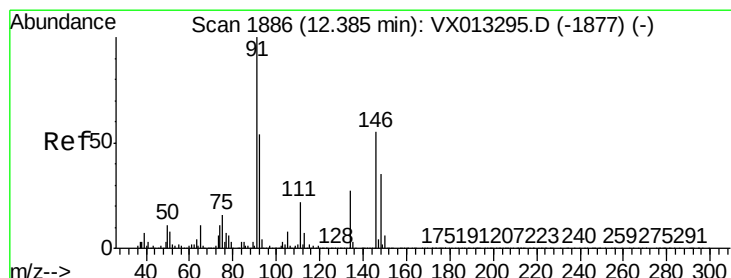
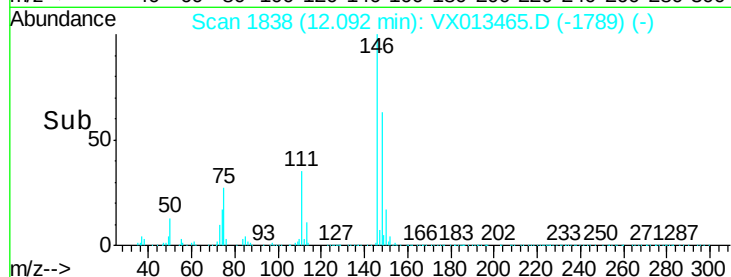
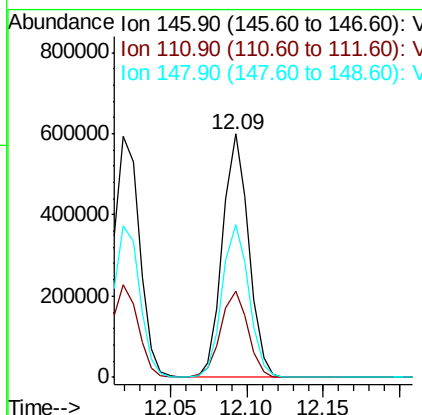
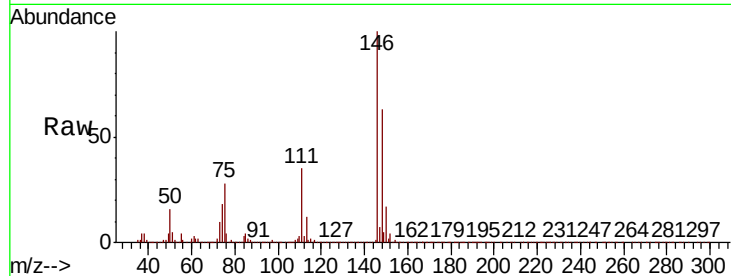
#88
 1,4-Dichlorobenzene
 Concen: 48.613 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	64.2	32.4	97.0

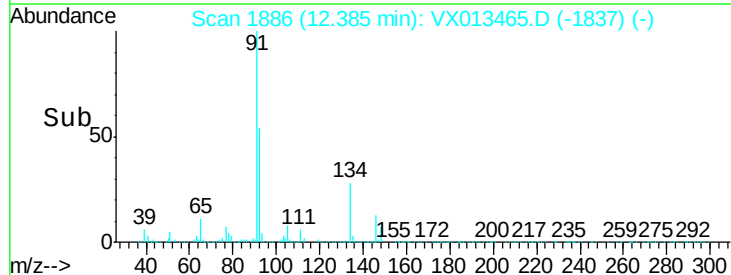
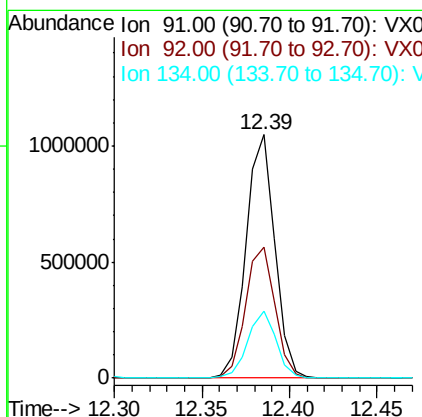
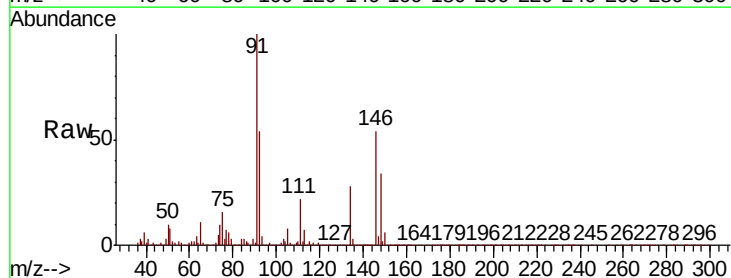
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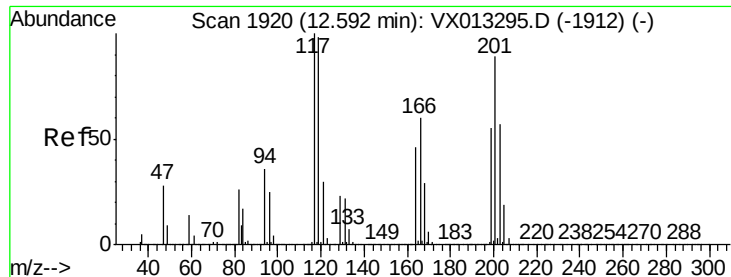
MMDadoda
 11/20/2019 9:18:05 AM



#89
 n-Butylbenzene
 Concen: 51.250 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.3	81.8
134	27.3	13.5	40.5





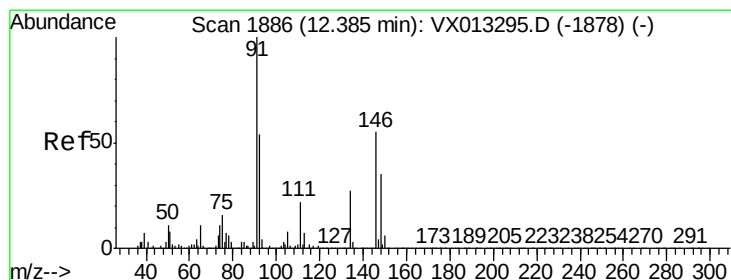
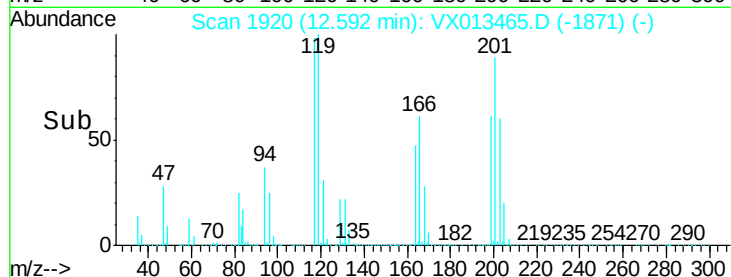
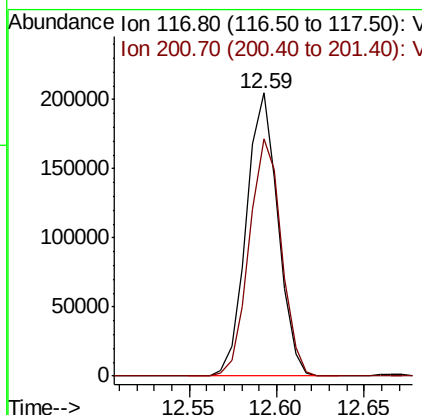
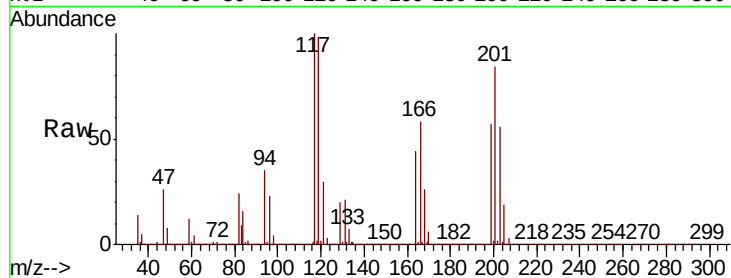
#90
Hexachloroethane
Concen: 53.981 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	257259		
201	85.7	43.9	131.7	

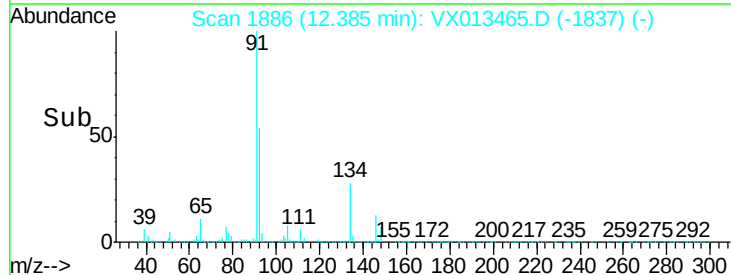
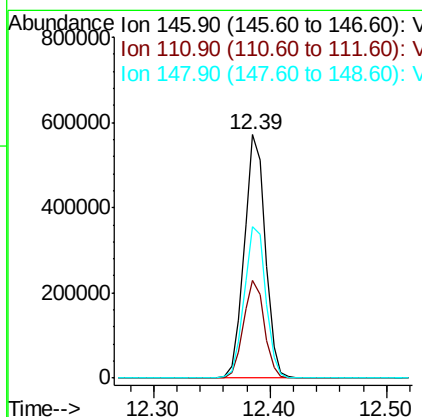
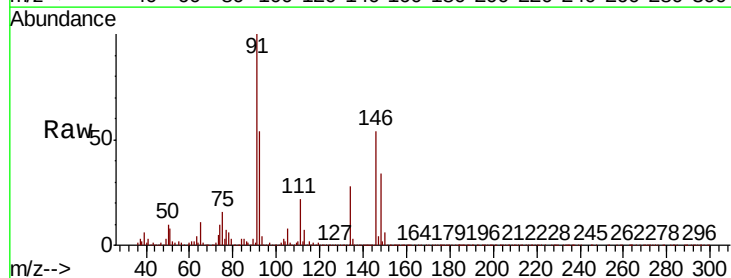
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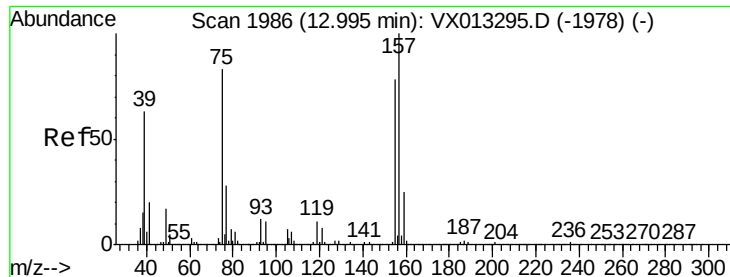
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#91
1,2-Dichlorobenzene
Concen: 50.314 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013465.D
Acq: 19 Nov 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	720405		
111	40.1	20.1	60.2	
148	64.1	32.0	96.0	





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.872 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MSD

Tot Ion: 75 Resp: 125576

Ion Ratio Lower Upper

75 100

155 96.7 47.1 141.4

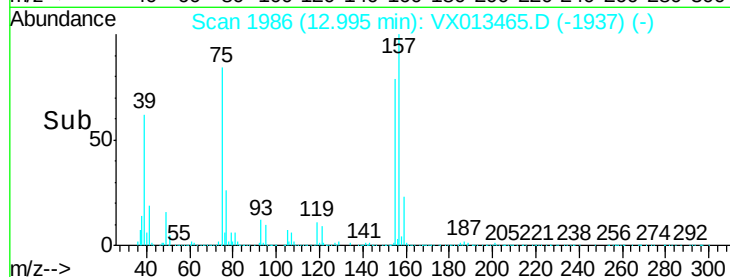
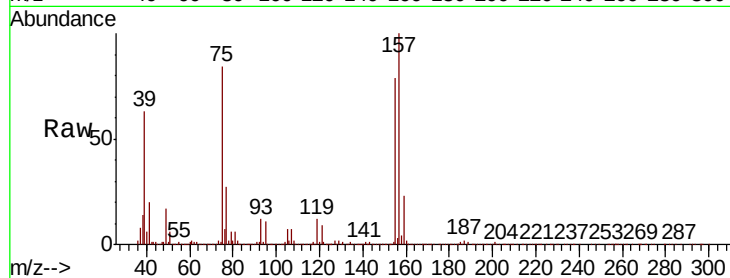
157 124.2 61.3 183.8

Manual Integrations

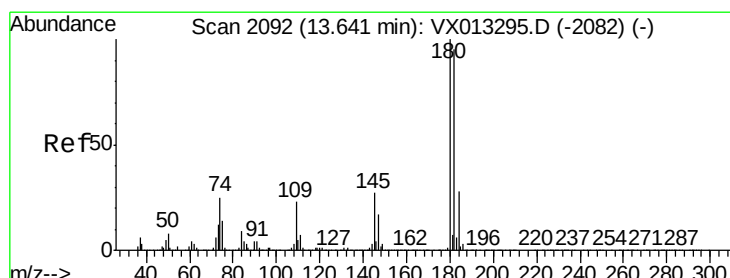
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Time-->



#93

1,2,4-Trichlorobenzene

Concen: 48.073 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

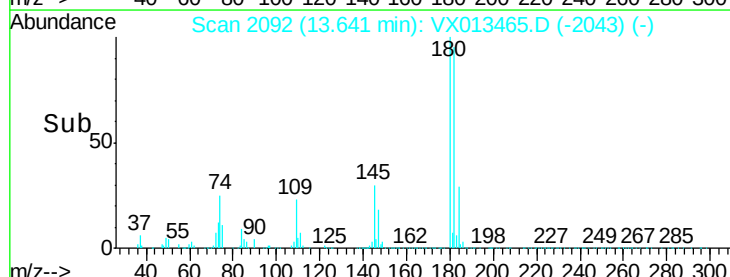
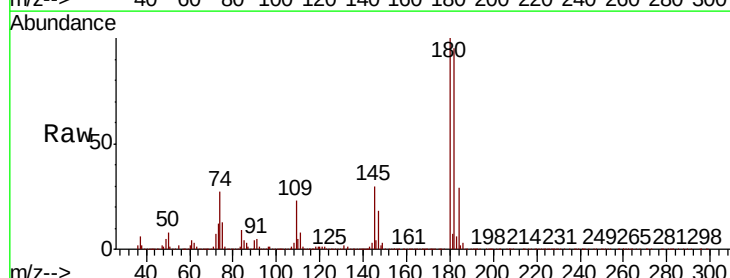
Tgt Ion:180 Resp: 480128

Ion Ratio Lower Upper

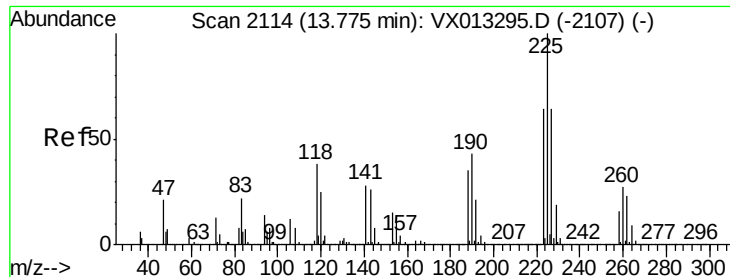
180 100

182 95.0 48.4 145.0

145 29.1 14.1 42.4



Time-->



#94

Hexachlorobutadiene

Concen: 47.444 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Instrument :

MSVOA_X

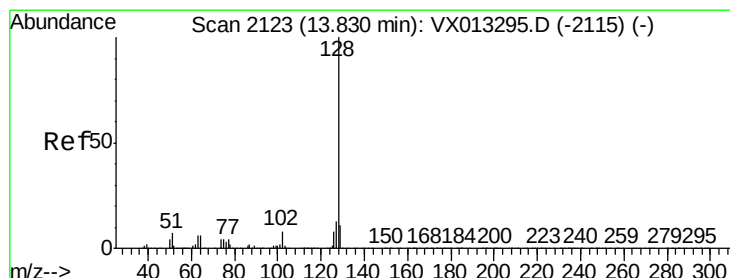
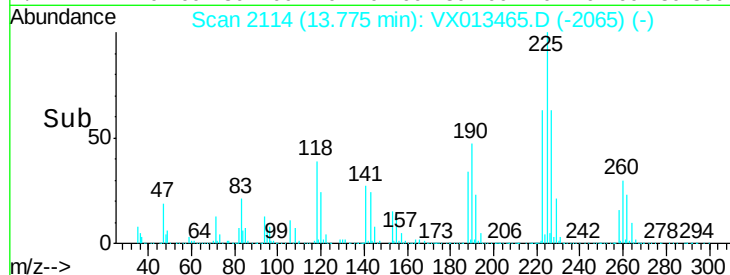
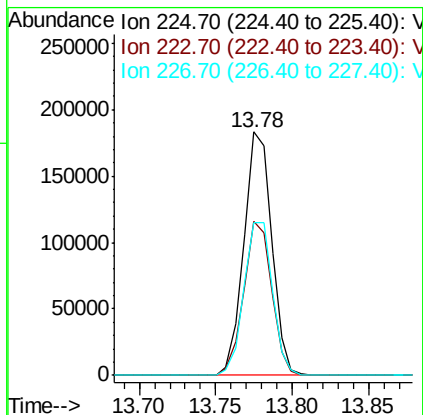
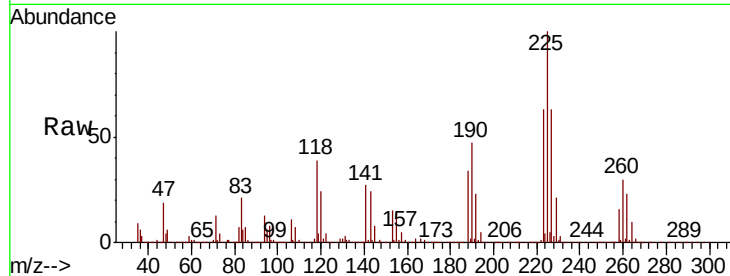
ClientSampleId :

FA19-RFW1147MSD

Tot Ion:	225	Resp:	231823
Ion Ratio		Lower	Upper
225	100		
223	63.3	31.9	95.7
227	64.5	31.9	95.9

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#95

Naphthalene

Concen: 48.739 ug/l

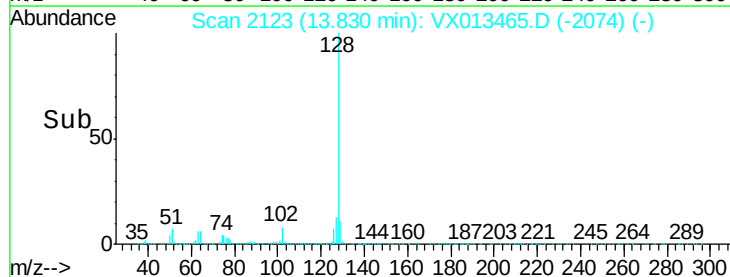
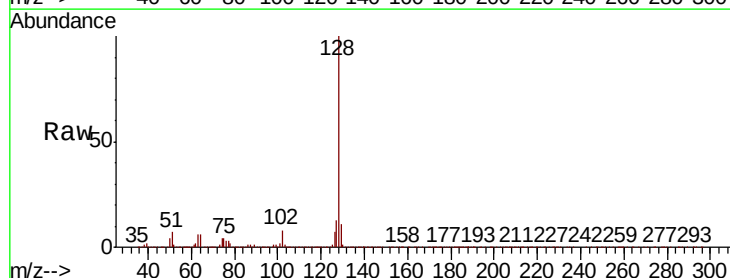
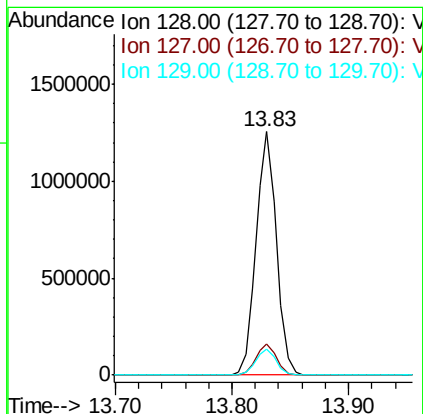
RT: 13.83 min Scan# 2123

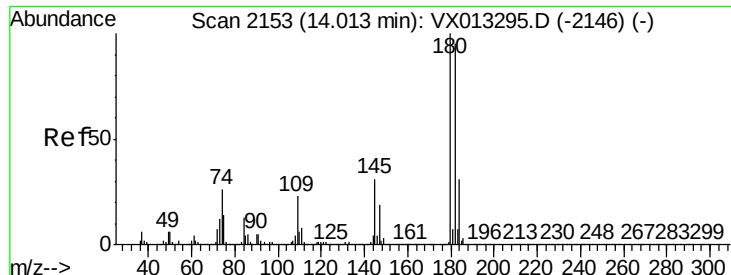
Delta R.T. -0.00 min

Lab File: VX013465.D

Acq: 19 Nov 2019 15:35

Tgt Ion:	128	Resp:	1527273
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.8	8.5	12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 48.508 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013465.D
 Acq: 19 Nov 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	485874		
182	96.2	48.0	144.2	
145	31.1	15.4	46.4	

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