

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013546.D
 Acq On : 22 Nov 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 5:21:20 PM

Quant Time: Nov 23 00:08:59 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	603645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	949210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	432325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	334532	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.49	113	272883	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.71	98	1050311	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	384426	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	286654	41.214	ug/l	99
3) Chloromethane	1.31	50	336954	44.674	ug/l	100
4) Vinyl Chloride	1.40	62	399682	46.546	ug/l	100
5) Bromomethane	1.63	94	262839	43.924	ug/l	98
6) Chloroethane	1.71	64	225017	45.740	ug/l	100
7) Trichlorofluoromethane	1.92	101	450104	44.368	ug/l	99
8) Diethyl Ether	2.18	74	218261	48.652	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273401	48.352	ug/l	98
10) Methyl Iodide	2.50	142	343871	49.120	ug/l	98
11) Tert butyl alcohol	3.04	59	423785	224.832	ug/l	100
12) 1,1-Dichloroethene	2.36	96	275482	49.752	ug/l	98
13) Acrolein	2.28	56	281468	275.527	ug/l	97
14) Allyl chloride	2.72	41	504930	50.188	ug/l	93
15) Acrylonitrile	3.13	53	982208	278.964	ug/l	98
16) Acetone	2.43	43	780406	218.783	ug/l	100
17) Carbon Disulfide	2.56	76	632980	42.710	ug/l	99
18) Methyl Acetate	2.76	43	627047	63.674	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1019977	55.229	ug/l	97
20) Methylene Chloride	2.84	84	327909	49.755	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	294678	48.877	ug/l	96
22) Diisopropyl ether	3.84	45	1063967	54.777	ug/l	95
23) Vinyl Acetate	3.80	43	3261093	196.208	ug/l	99
24) 1,1-Dichloroethane	3.69	63	574313	52.856	ug/l	99
25) 2-Butanone	4.66	43	1351987	258.364	ug/l	99
26) 2,2-Dichloropropane	4.58	77	392783	45.441	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	366389	54.250	ug/l	96
28) Bromochloromethane	5.00	49	171926	55.728	ug/l	99
29) Tetrahydrofuran	5.12	42	885601	274.629	ug/l	100
30) Chloroform	5.20	83	567081	52.854	ug/l	97
31) Cyclohexane	5.57	56	470223	48.094	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	472544	51.177	ug/l	99
36) 1,1-Dichloropropene	5.79	75	404685	49.697	ug/l	99
37) Ethyl Acetate	4.82	43	516361	51.318	ug/l	100
38) Carbon Tetrachloride	5.78	117	394853	49.587	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	469660	46.288	ug/l	100
40) Benzene	6.13	78	1280047	50.464	ug/l	98
41) Methacrylonitrile	5.03	41	291911	51.759	ug/l	97
42) 1,2-Dichloroethane	6.18	62	455255	49.758	ug/l	99
43) Isopropyl Acetate	6.43	43	847814	54.110	ug/l	99
44) Trichloroethene	7.20	130	360737	51.665	ug/l	97
45) 1,2-Dichloropropane	7.51	63	344348	53.280	ug/l	100
46) Dibromomethane	7.65	93	221895	50.285	ug/l	98
47) Bromodichloromethane	7.89	83	443376	53.283	ug/l	94
48) Methyl methacrylate	7.76	41	414578	53.006	ug/l	97
49) 1,4-Dioxane	7.73	88	165359	923.189	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2760858	268.570	ug/l	99
52) Toluene	8.78	92	810509	51.555	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	477980	52.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	526975	51.774	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	345994	53.097	ug/l	98
56) Ethyl methacrylate	9.17	69	571345	51.316	ug/l	97
57) 1,3-Dichloropropane	9.37	76	580838	52.509	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1172717	263.205	ug/l	100
59) 2-Hexanone	9.49	43	2119417	266.793	ug/l	98
60) Dibromochloromethane	9.58	129	360766	54.133	ug/l	99
61) 1,2-Dibromoethane	9.67	107	362210	52.346	ug/l	100
64) Tetrachloroethene	9.33	164	490821	79.881	ug/l	96
65) Chlorobenzene	10.14	112	889163	51.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	335471	52.579	ug/l	100
67) Ethyl Benzene	10.24	91	1551429	51.730	ug/l	99
68) m/p-Xylenes	10.35	106	1175168	103.610	ug/l	100
69) o-Xylene	10.70	106	580161	52.246	ug/l	99
70) Styrene	10.71	104	1003131	54.041	ug/l	99
71) Bromoform	10.85	173	283261	48.017	ug/l #	100
73) Isopropylbenzene	11.01	105	1543463	53.847	ug/l	99
74) N-amyl acetate	10.89	43	758148	57.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	528848	50.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	442508m	50.393	ug/l	
77) Bromobenzene	11.25	156	404521	52.938	ug/l	99
78) n-propylbenzene	11.35	91	1720678	53.889	ug/l	99
79) 2-Chlorotoluene	11.42	91	1036640	53.886	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1295296	54.252	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	175111	51.330	ug/l	95
82) 4-Chlorotoluene	11.51	91	1173084	52.092	ug/l	98
83) tert-Butylbenzene	11.76	119	1129414	46.992	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1310344	54.710	ug/l	100
85) sec-Butylbenzene	11.94	105	1501072	54.343	ug/l	99
86) p-Isopropyltoluene	12.06	119	1387395	54.546	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	719921	52.854	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	721012	51.955	ug/l	99
89) n-Butylbenzene	12.38	91	1192274	53.720	ug/l	100
90) Hexachloroethane	12.59	117	244434	53.937	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	733517	53.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125623	49.309	ug/l	97

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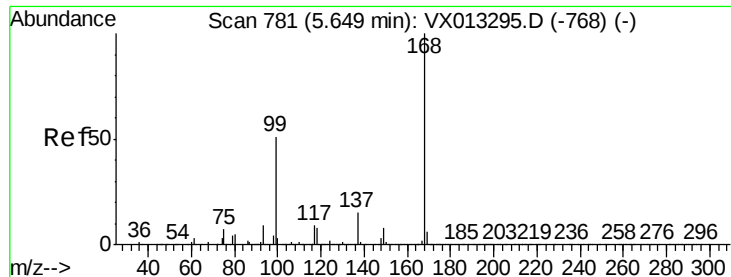
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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	521332	54.892	ug/l	97
94) Hexachlorobutadiene	13.77	225	239928	51.637	ug/l	100
95) Naphthalene	13.83	128	1701601	57.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	521282	54.730	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 603645

Ion Ratio Lower Upper

168 100

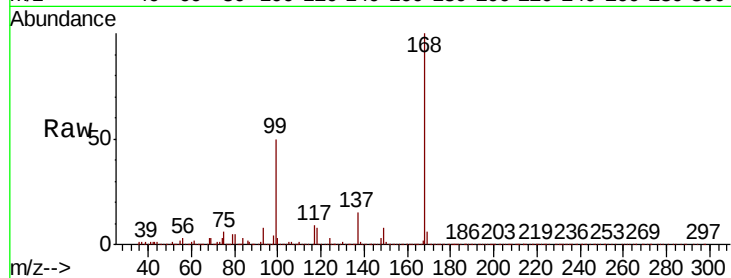
99 49.6 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

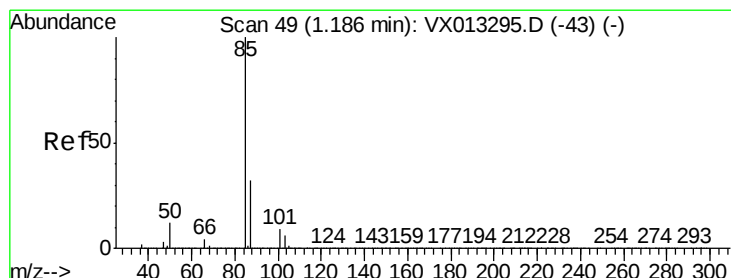
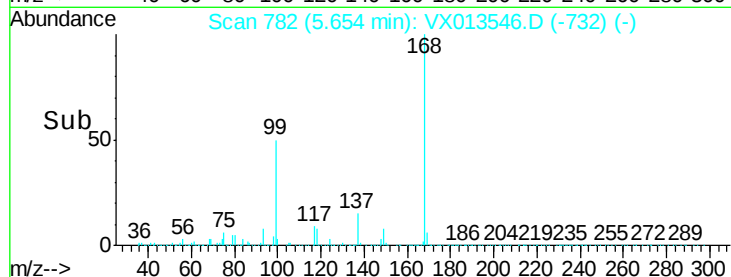
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.214 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013546.D

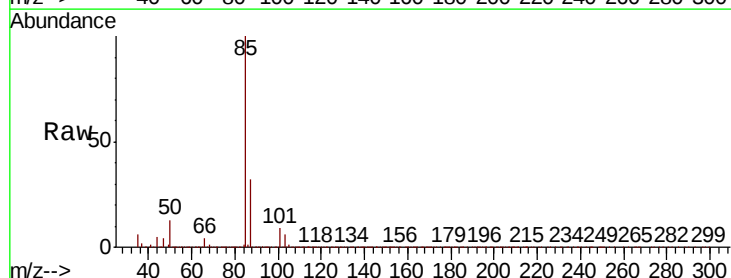
Acq: 22 Nov 2019 20:14

Tgt Ion: 85 Resp: 286654

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

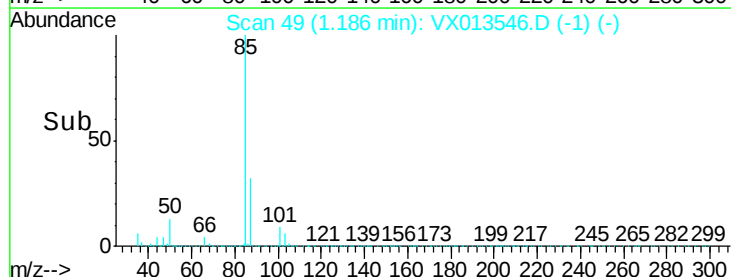
100000

50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 44.674 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 336954

Ion Ratio Lower Upper

50 100

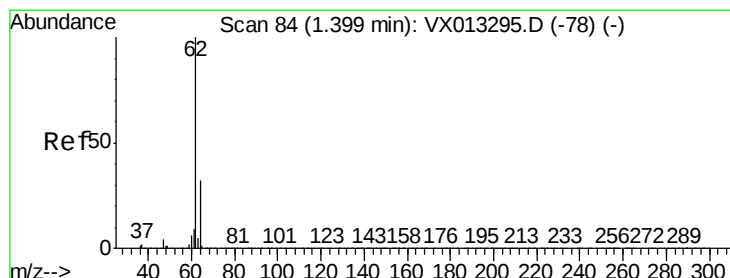
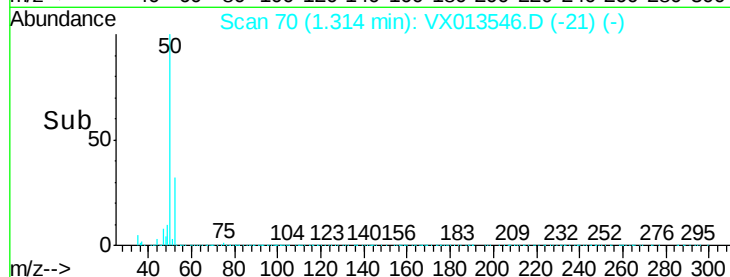
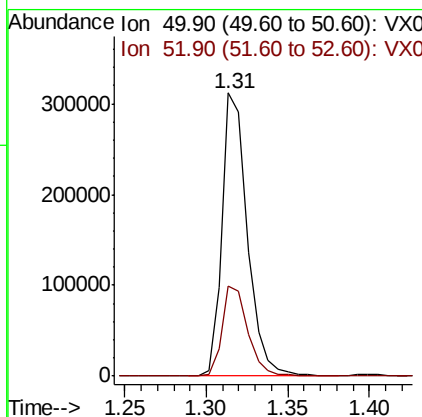
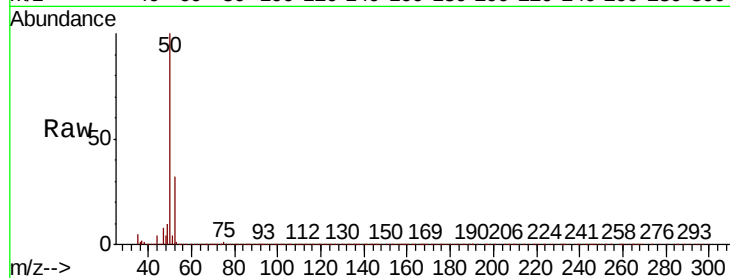
52 31.8 25.5 38.3

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#4

Vinyl Chloride

Concen: 46.546 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013546.D

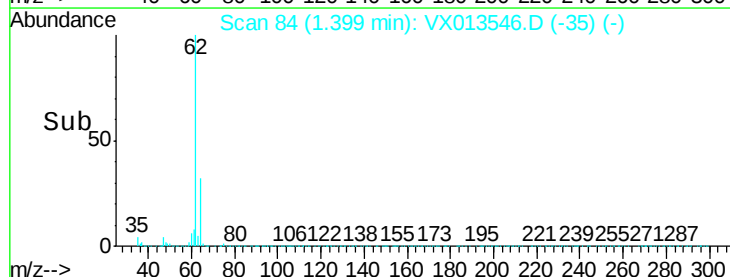
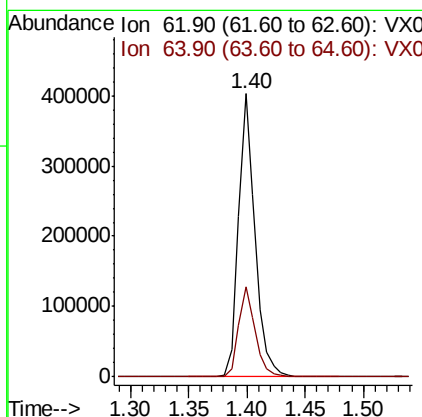
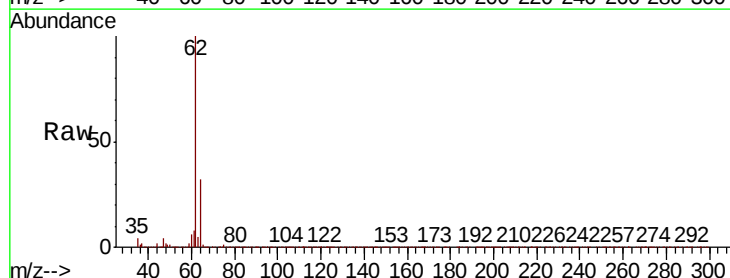
Acq: 22 Nov 2019 20:14

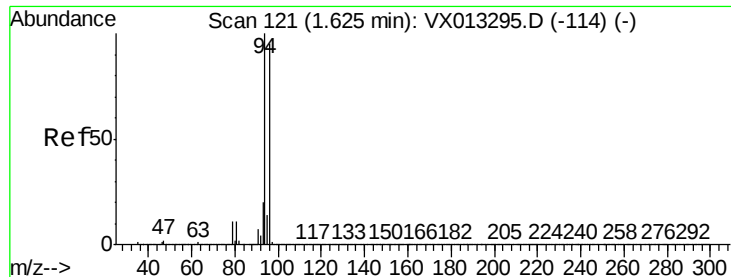
Tgt Ion: 62 Resp: 399682

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 43.924 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 262839

Ion Ratio Lower Upper

94 100

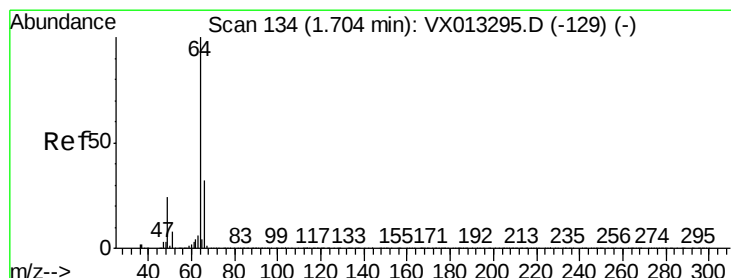
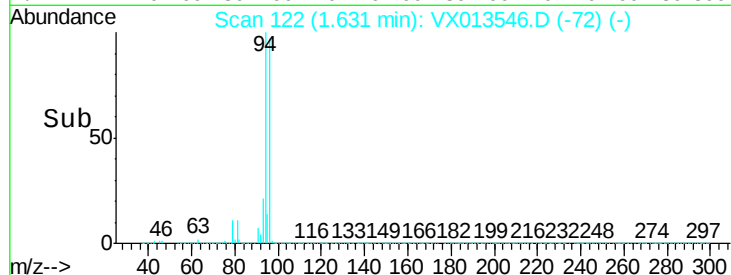
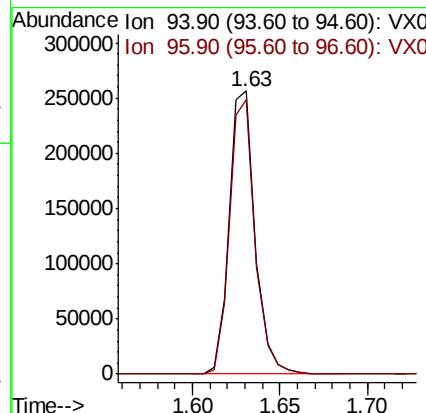
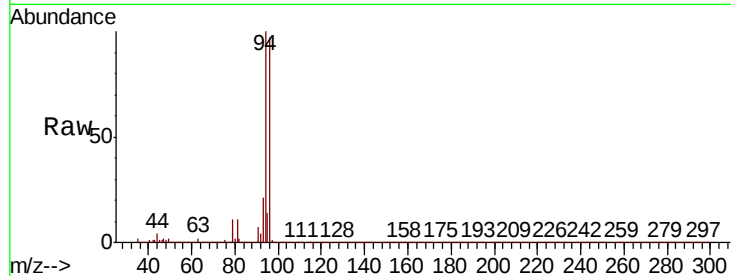
96 97.1 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 45.740 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013546.D

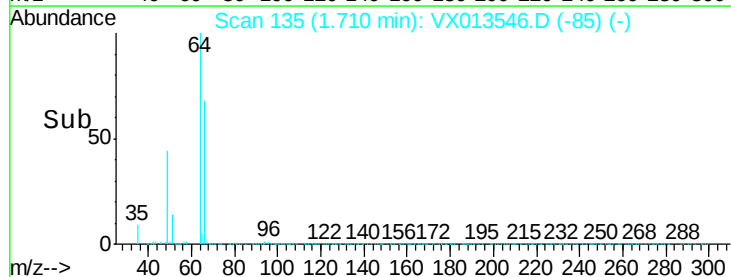
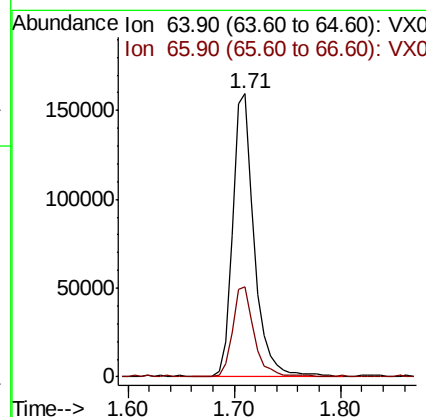
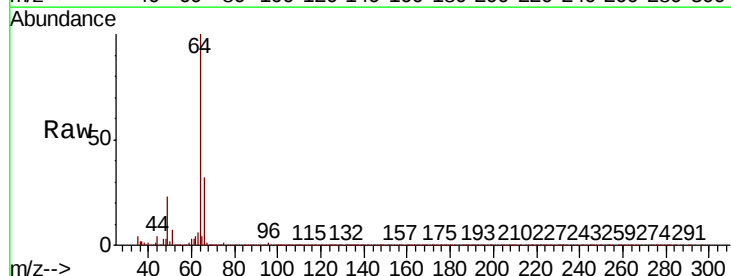
Acq: 22 Nov 2019 20:14

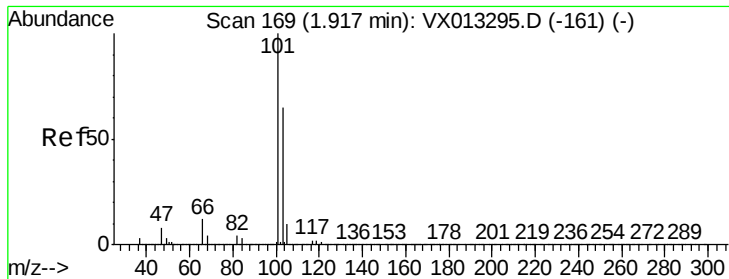
Tgt Ion: 64 Resp: 225017

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4





#7

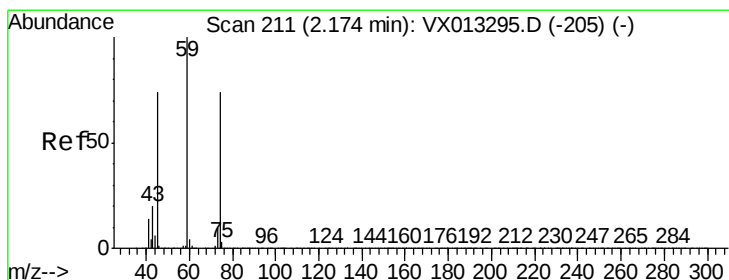
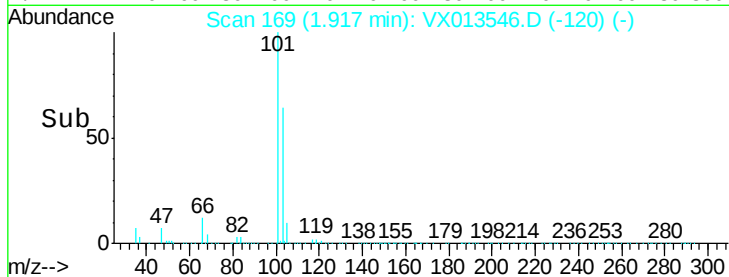
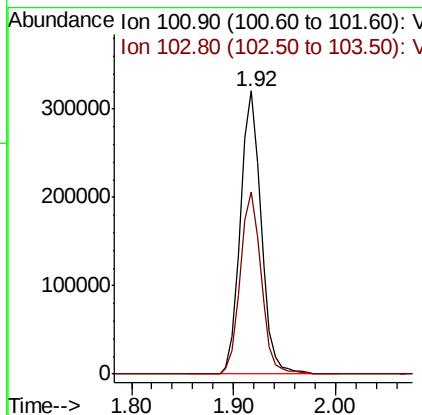
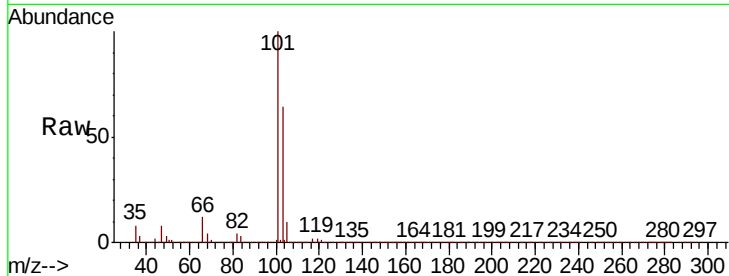
Trichlorofluoromethane
Concen: 44.368 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013546.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

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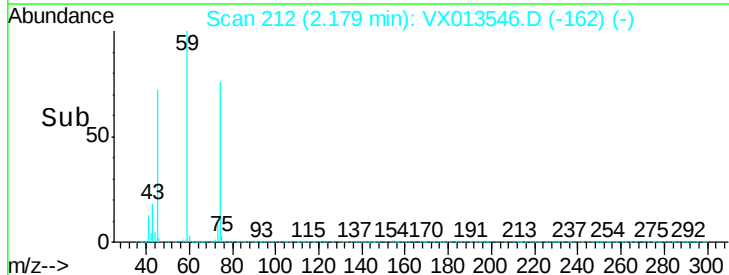
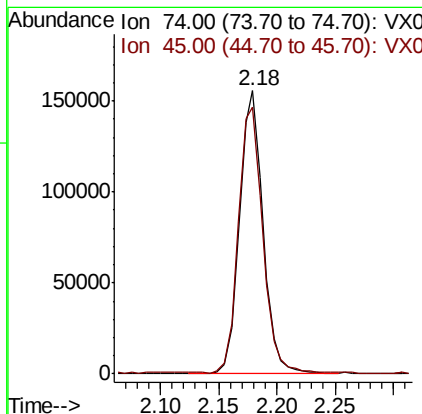
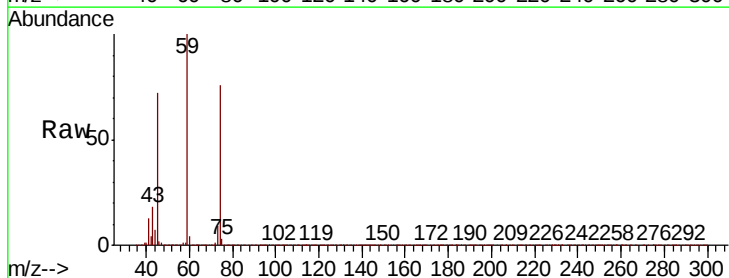
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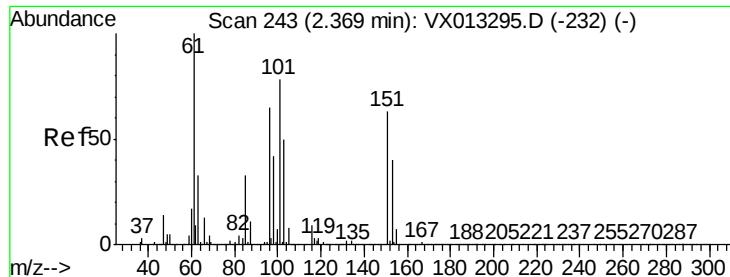


#8

Diethyl Ether
Concen: 48.652 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.352 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

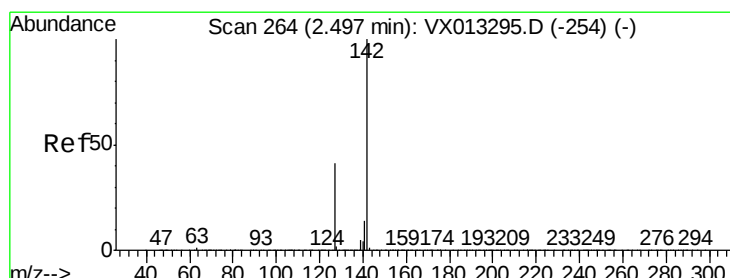
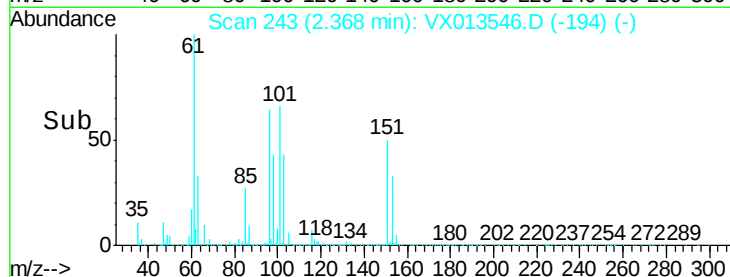
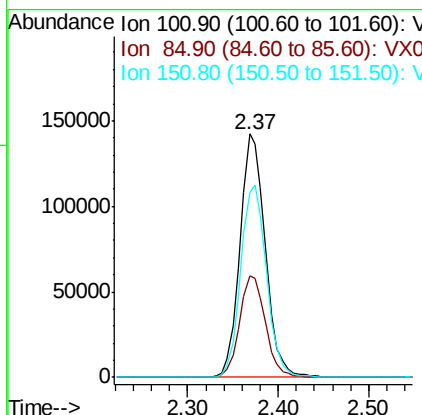
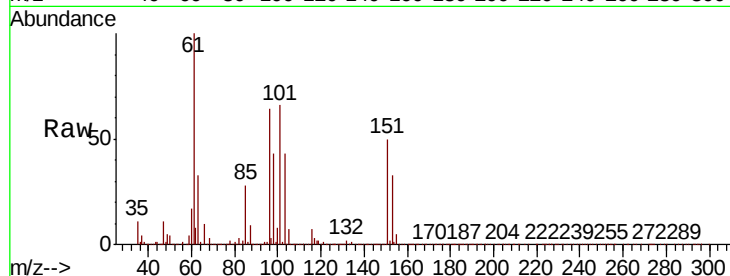
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	273401
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	81.2	66.4	99.6

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#10

Methyl Iodide

Concen: 49.120 ug/l

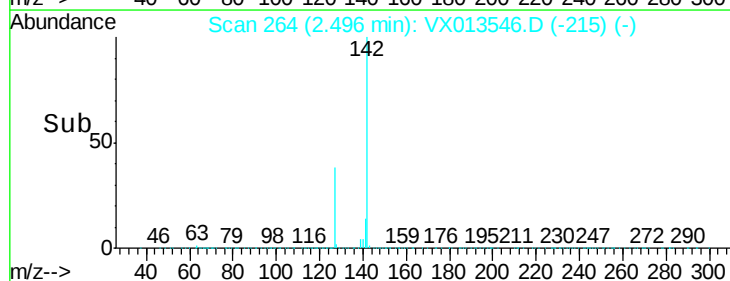
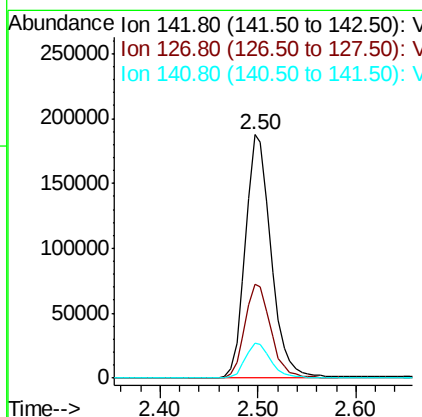
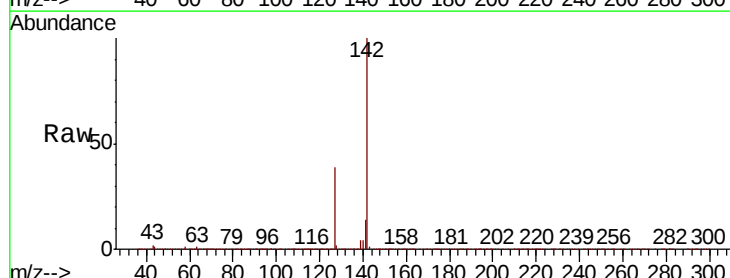
RT: 2.50 min Scan# 264

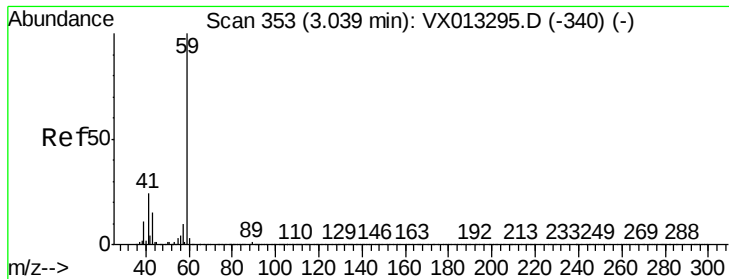
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	142	Resp:	343871
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.6	49.0
141	14.2	11.6	17.4





#11

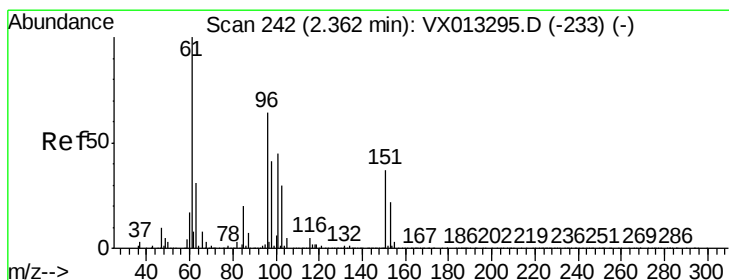
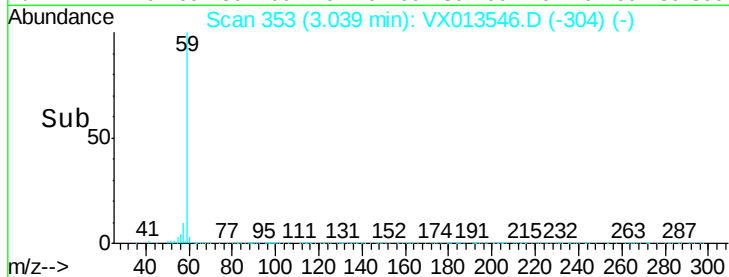
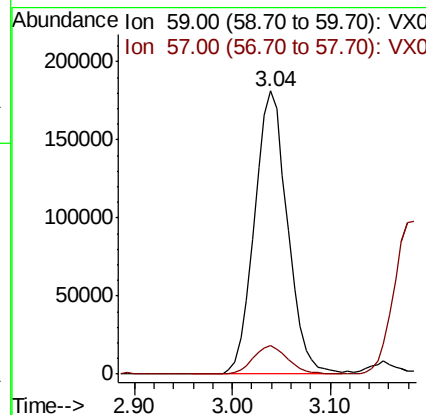
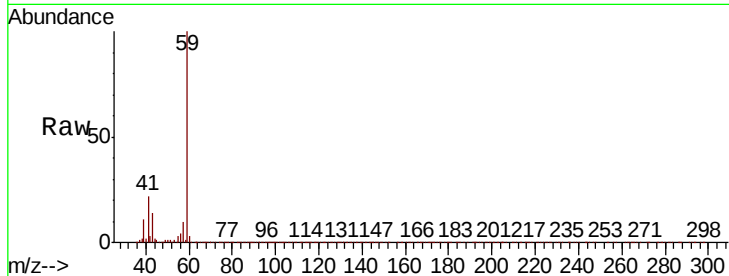
Tert butyl alcohol
Concen: 224.832 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.0	12.0

Manual Integrations
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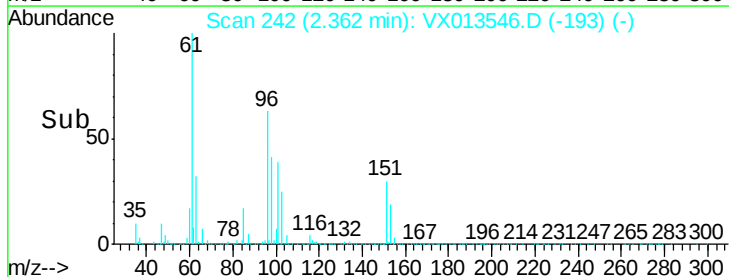
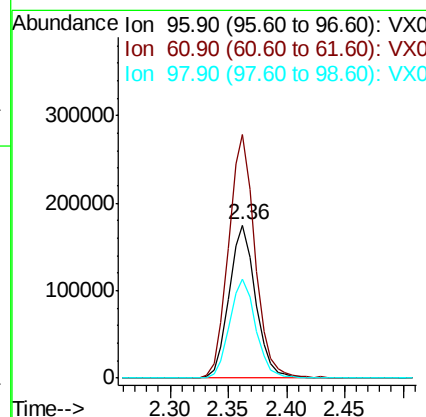
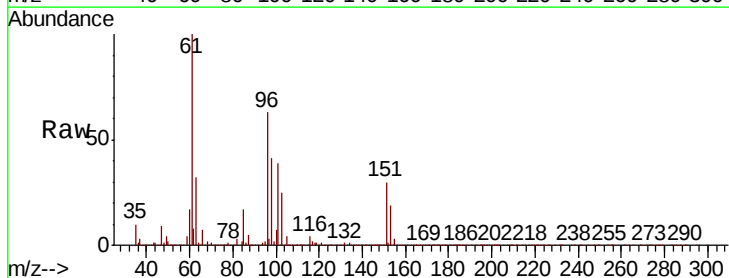
MMDadoda
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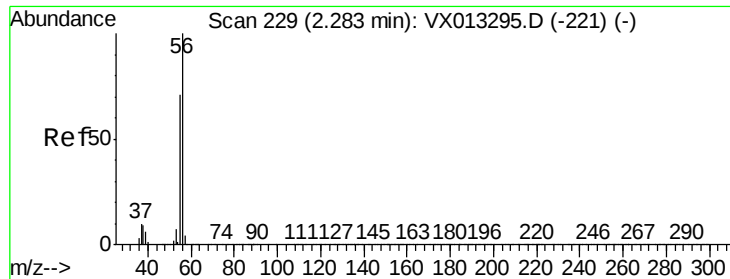


#12

1,1-Dichloroethene
Concen: 49.752 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	125.0	187.6
98	64.6	50.7	76.1





#13

Acrolein

Concen: 275.527 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 281468

Ion Ratio Lower Upper

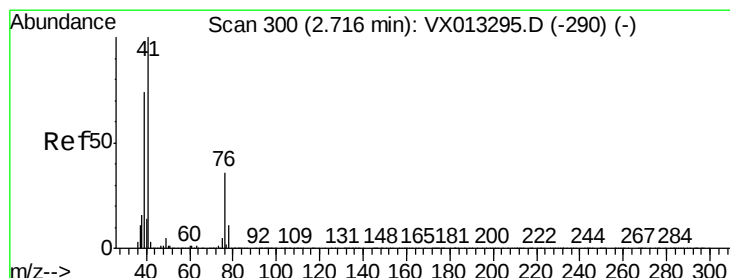
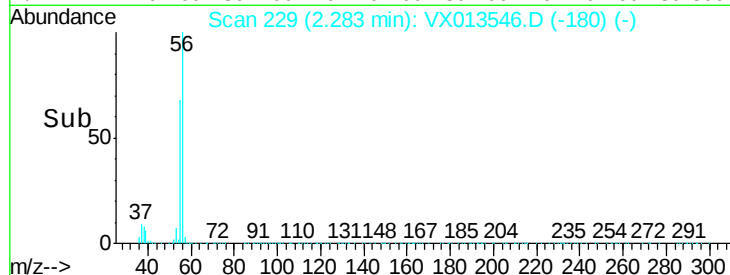
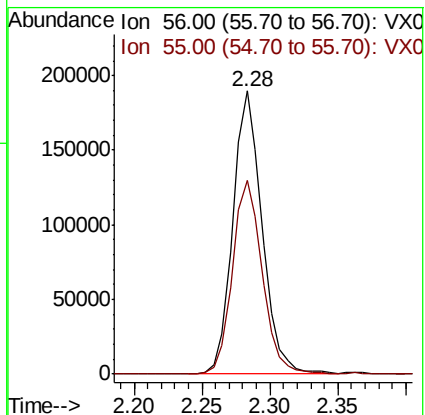
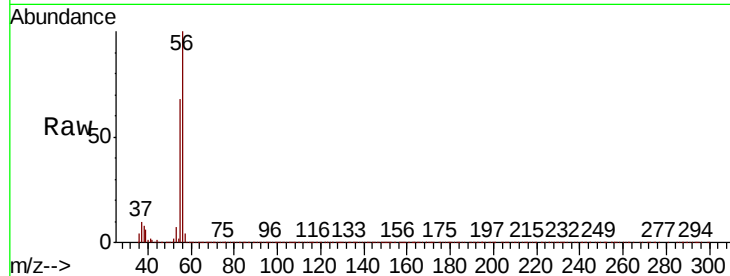
56 100

55 69.6 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 50.188 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

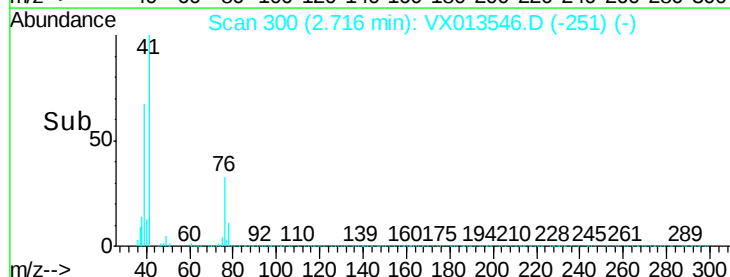
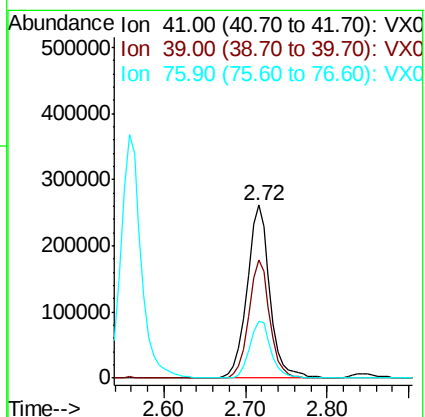
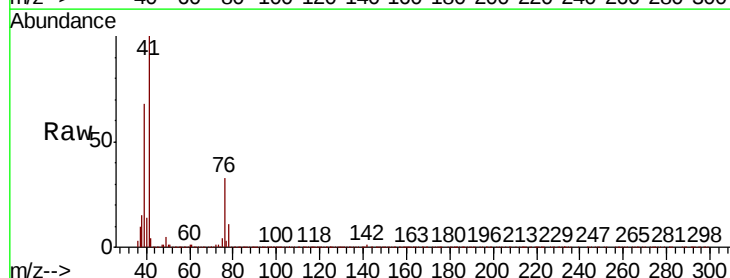
Tgt Ion: 41 Resp: 504930

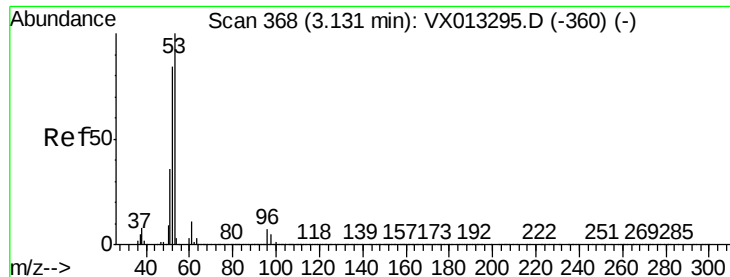
Ion Ratio Lower Upper

41 100

39 63.4 55.8 83.8

76 30.7 26.4 39.6





#15

Acrylonitrile

Concen: 278.964 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

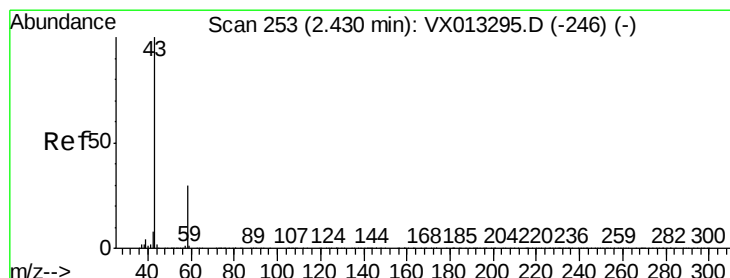
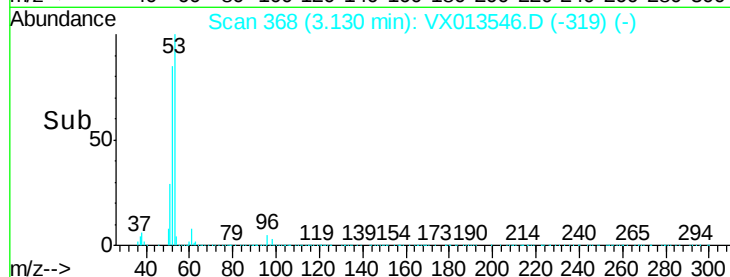
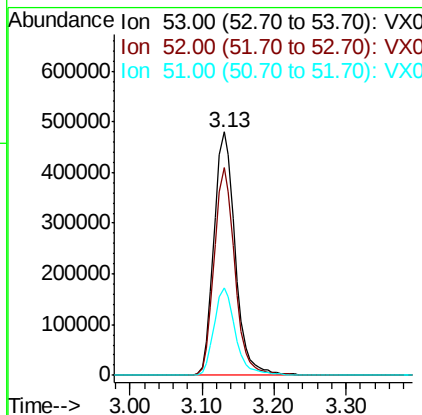
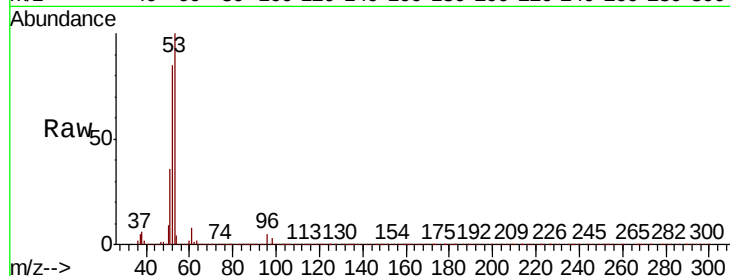
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	982208
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: 218.783 ug/l

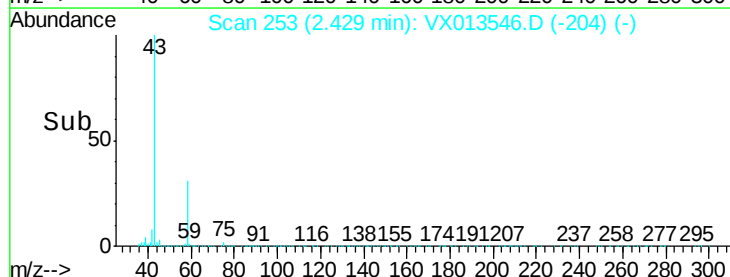
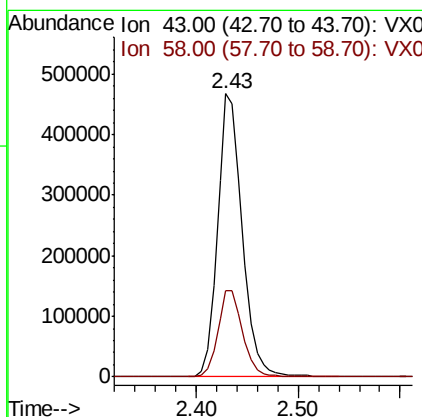
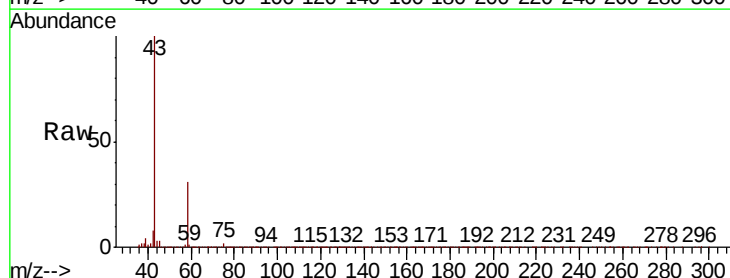
RT: 2.43 min Scan# 253

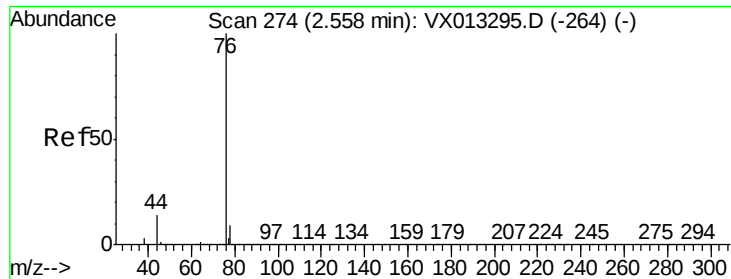
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	43	Resp:	780406
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.3	36.5





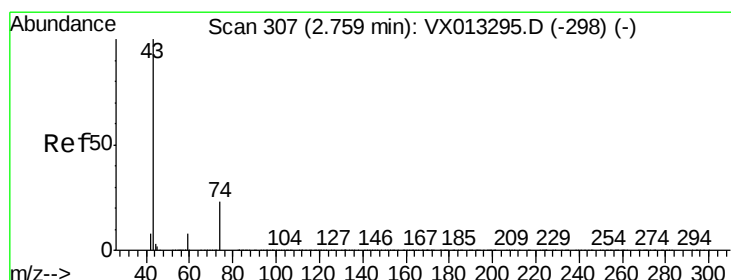
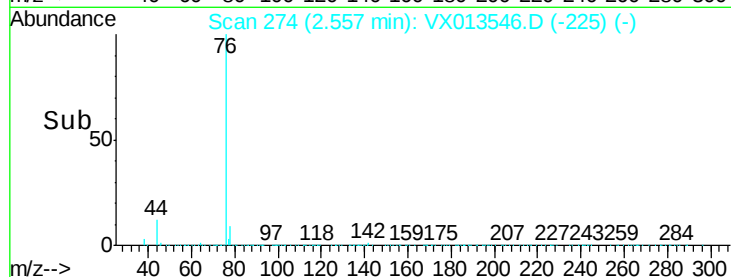
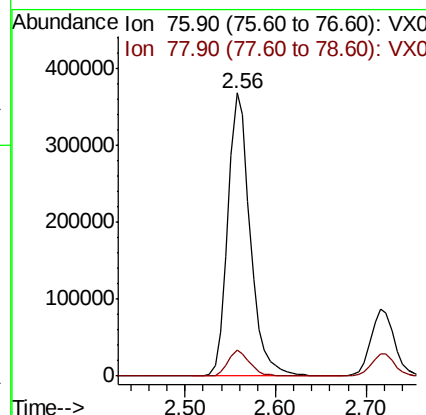
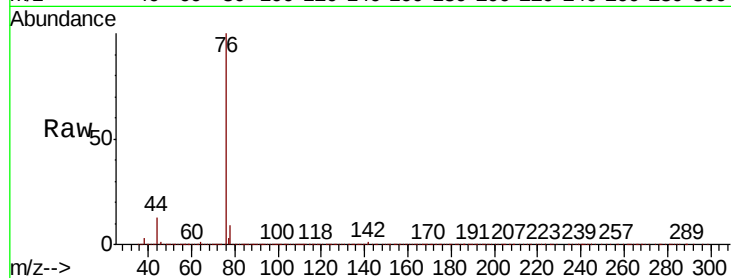
#17
Carbon Disulfide
Concen: 42.710 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

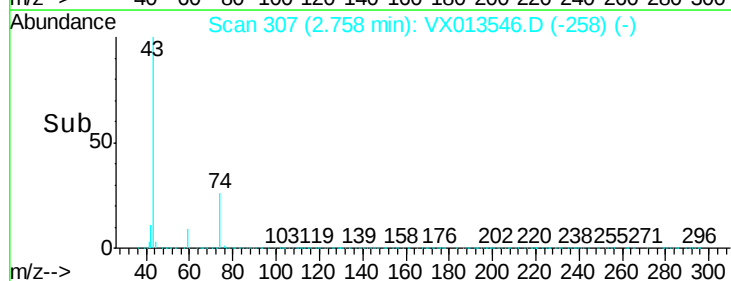
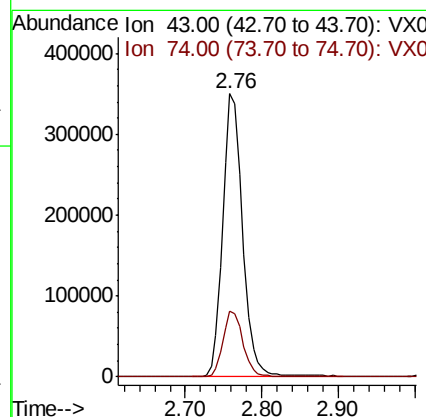
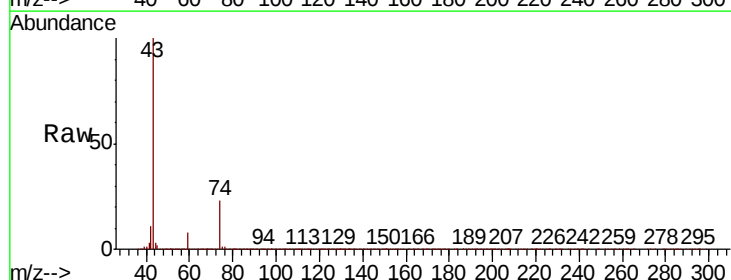
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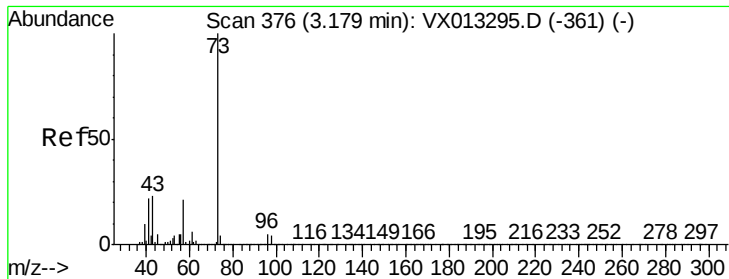
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#18
Methyl Acetate
Concen: 63.674 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.0	28.6





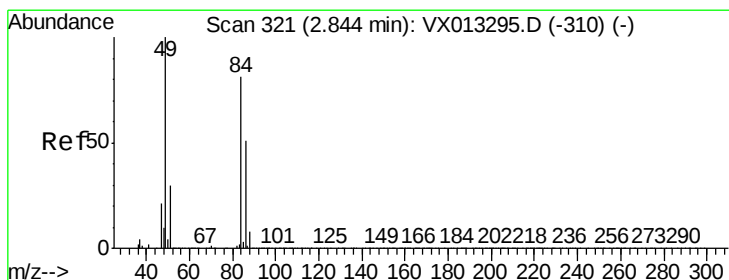
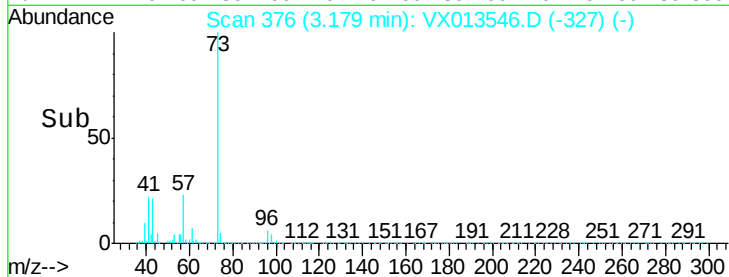
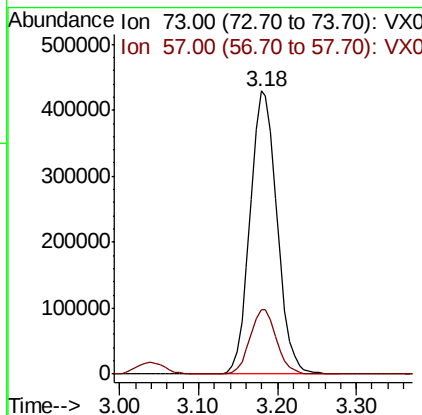
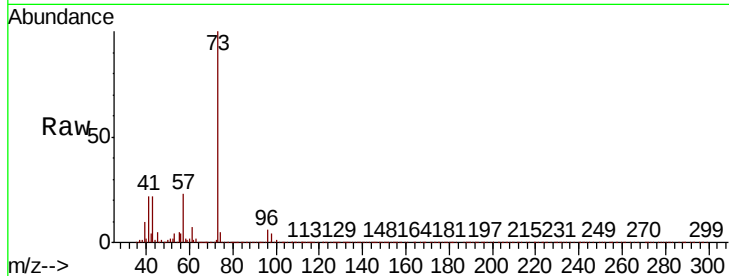
#19
Methvl tert-butvl Ether
Concen: 55.229 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1019977
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7

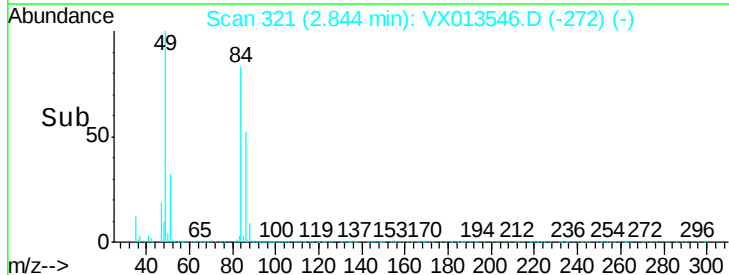
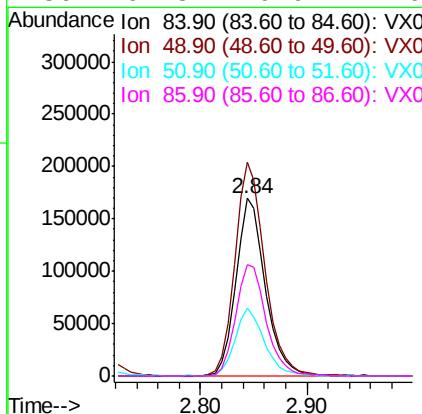
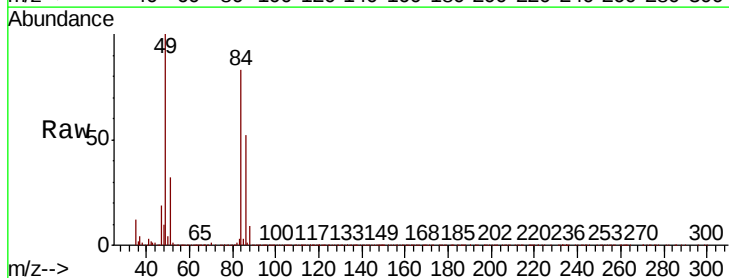
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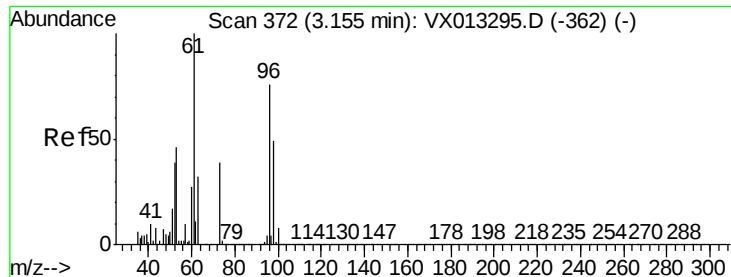
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#20
Methylene Chloride
Concen: 49.755 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 84 Resp: 327909
Ion Ratio Lower Upper
84 100
49 119.9 98.2 147.4
51 38.1 29.9 44.9
86 62.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.877 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 294678

Ion Ratio Lower Upper

96 100

61 138.1 105.8 158.6

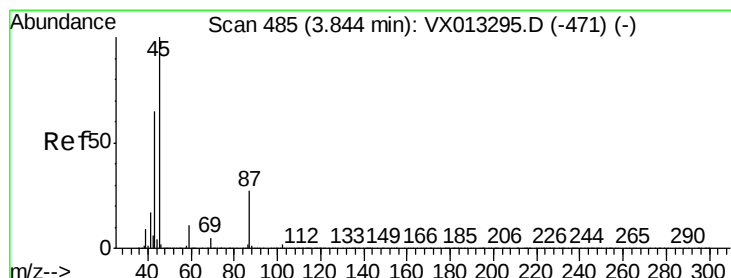
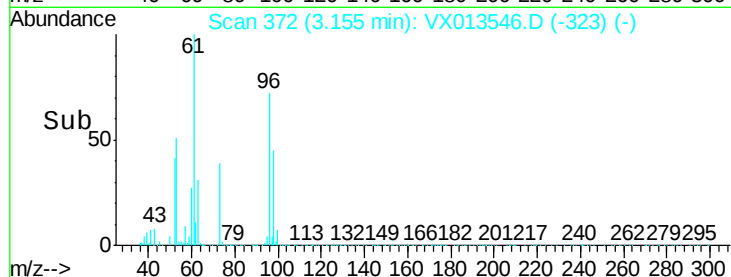
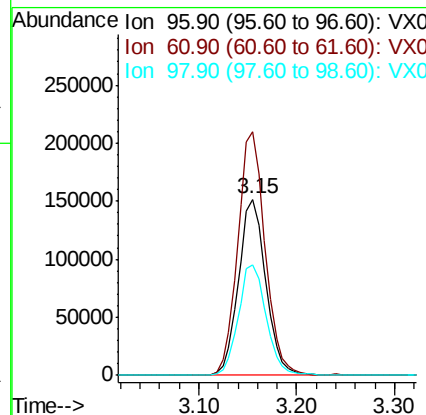
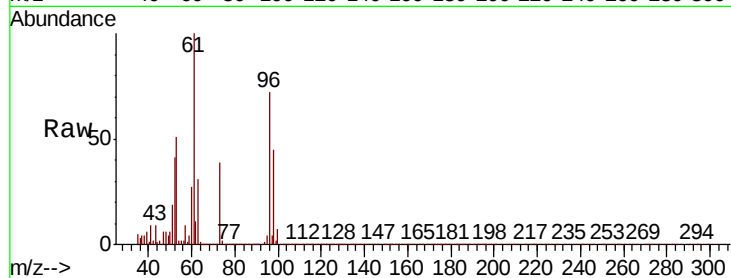
98 62.4 51.8 77.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 54.777 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion: 45 Resp: 1063967

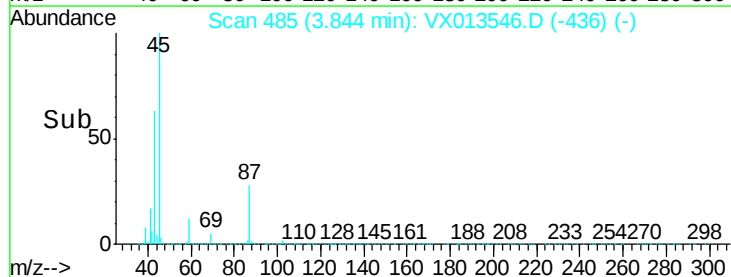
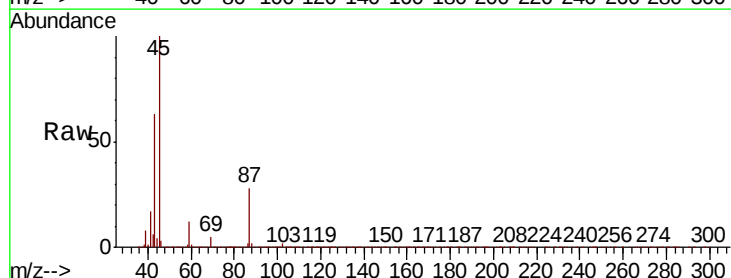
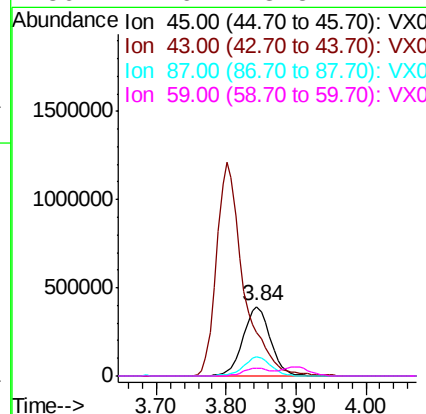
Ion Ratio Lower Upper

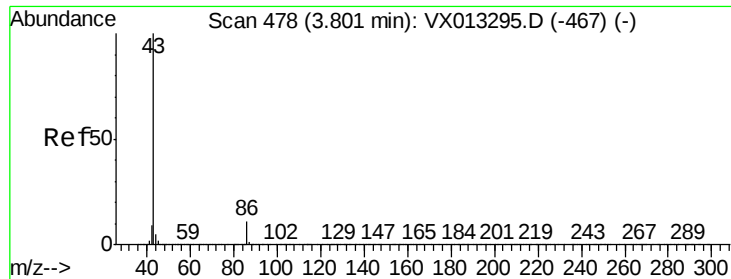
45 100

43 62.6 54.2 81.2

87 28.0 21.8 32.8

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 196.208 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3261093

Ion Ratio Lower Upper

43 100

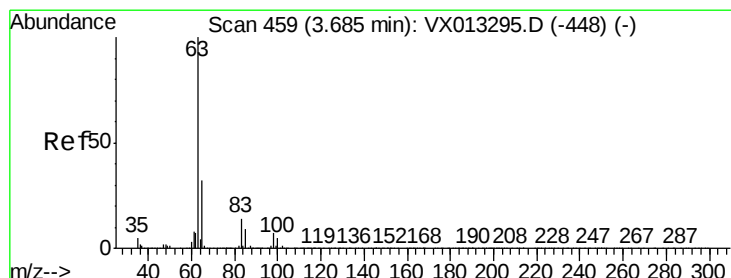
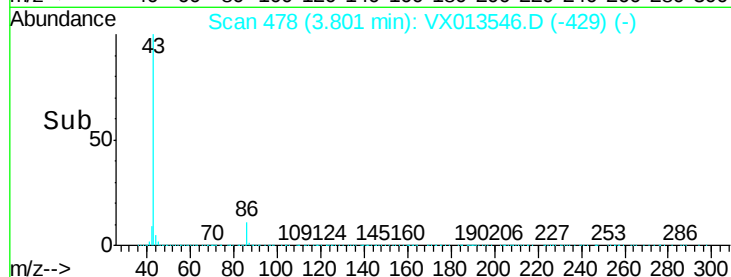
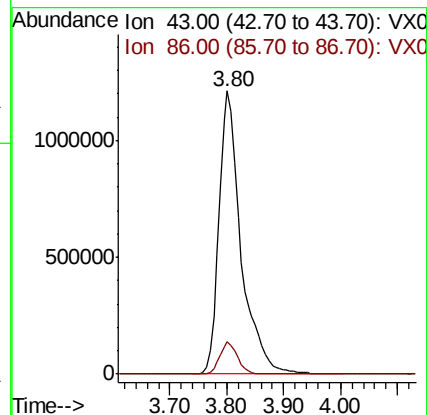
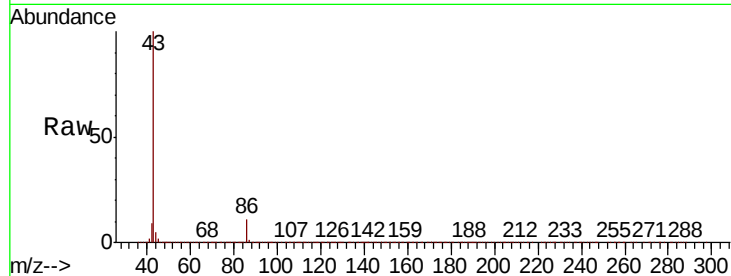
86 11.2 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.856 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

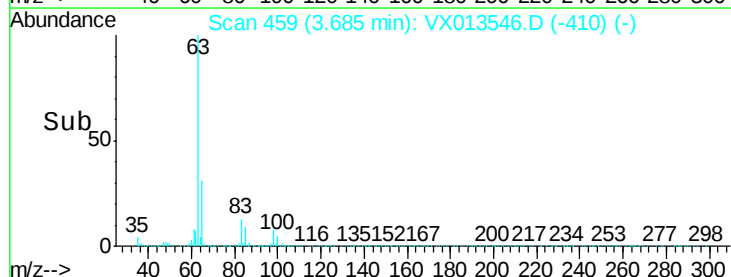
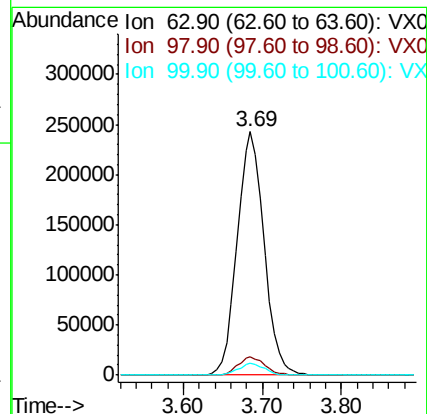
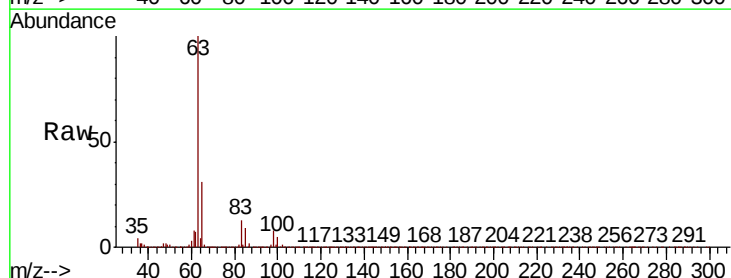
Tgt Ion: 63 Resp: 574313

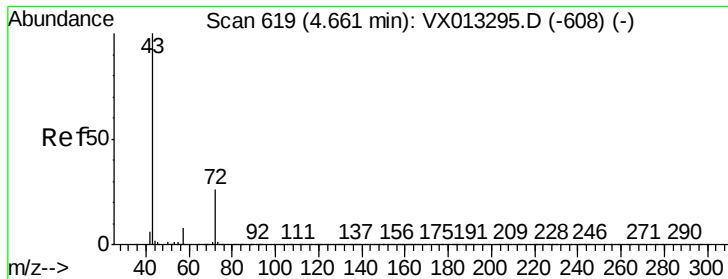
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 258.364 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tot Ion: 43 Resp: 1351987

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

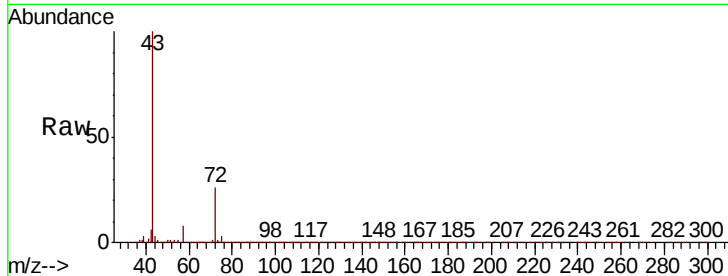
VSTDCCC050EC

Manual Integrations

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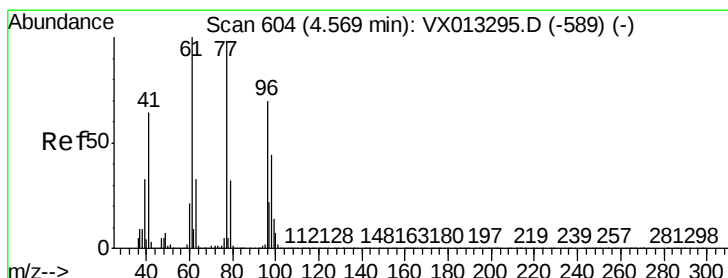
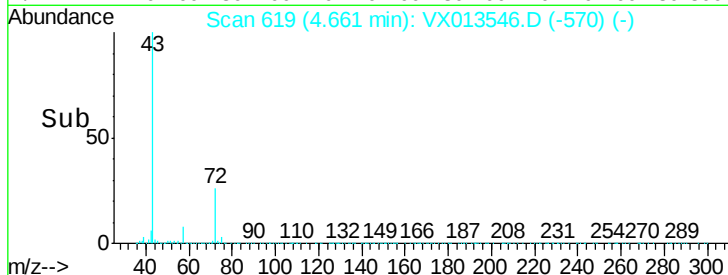
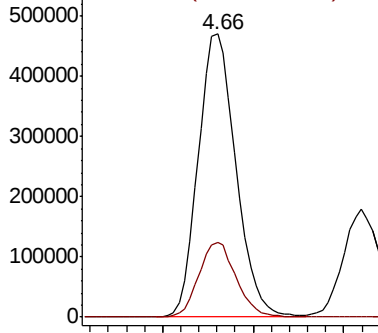
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.441 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013546.D

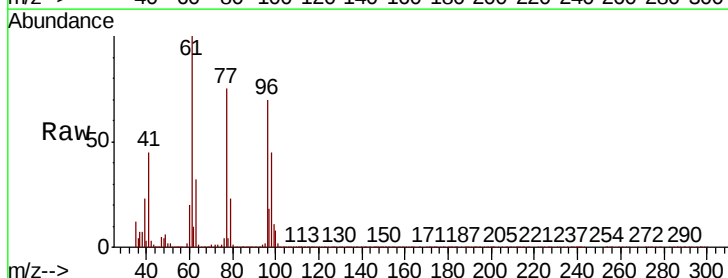
Acq: 22 Nov 2019 20:14

Tgt Ion: 77 Resp: 392783

Ion Ratio Lower Upper

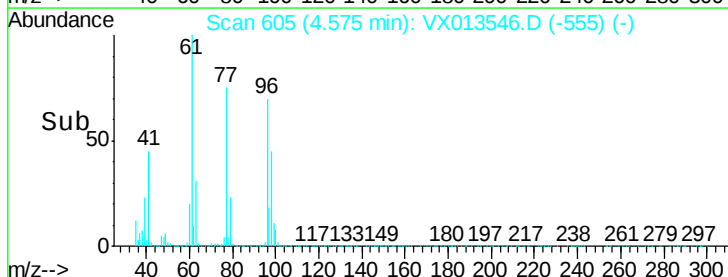
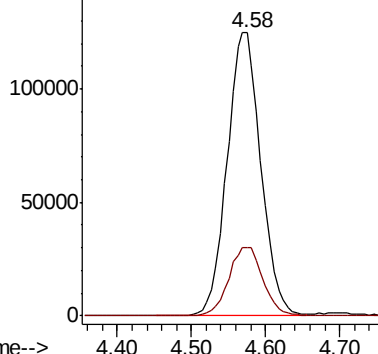
77 100

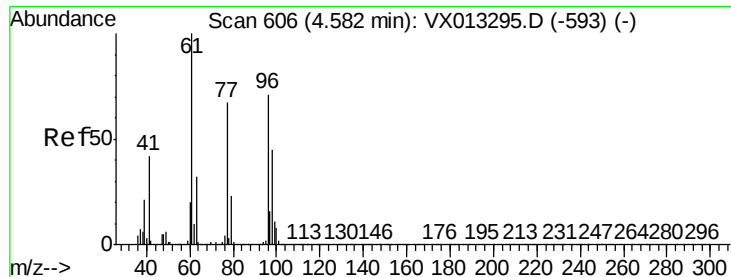
97 24.8 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

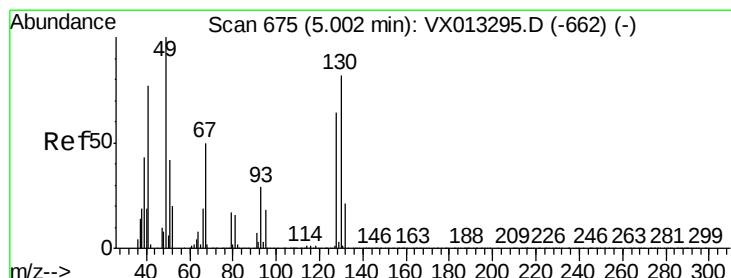
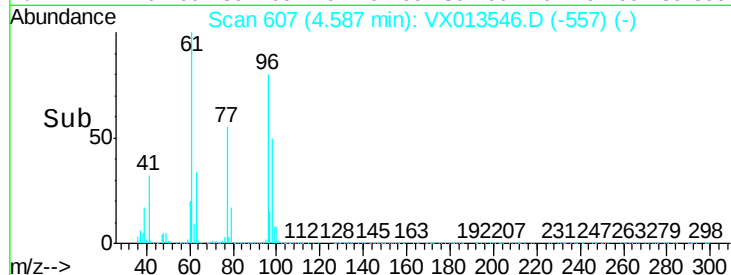
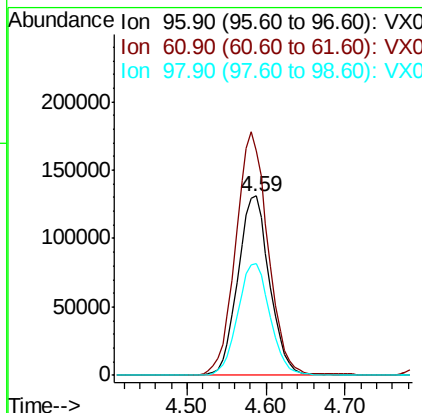
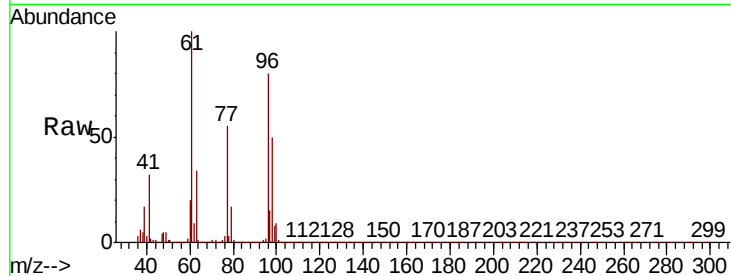
cis-1,2-Dichloroethene
Concen: 54.250 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	366389		
61	137.3	0.0	288.0	
98	63.4	0.0	129.6	

Manual Integrations
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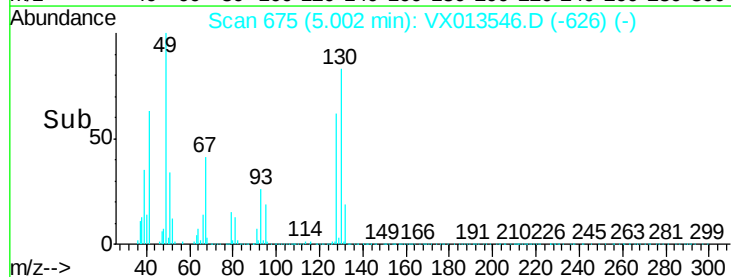
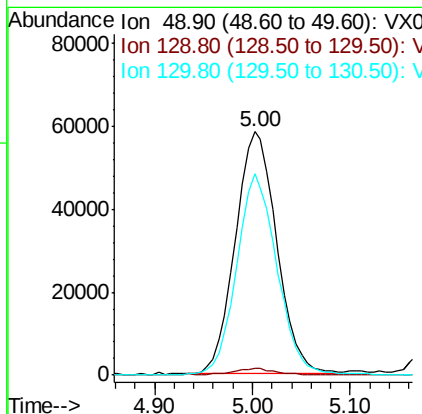
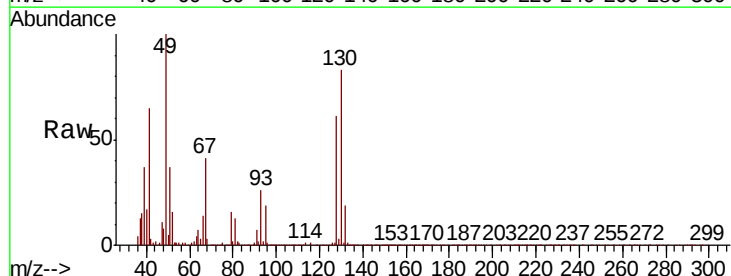
MMDadoda
11/25/2019 5:21:20 PM

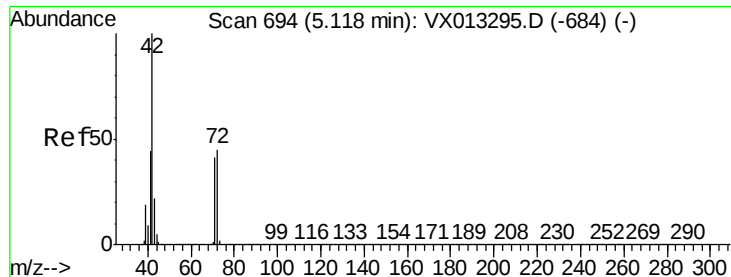


#28

Bromochloromethane
Concen: 55.728 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	171926		
129	2.6	0.0	5.2	
130	81.0	63.8	95.6	





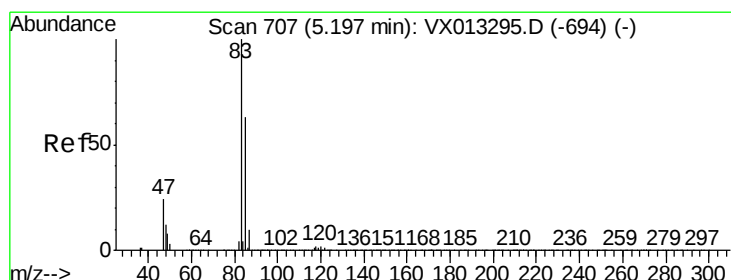
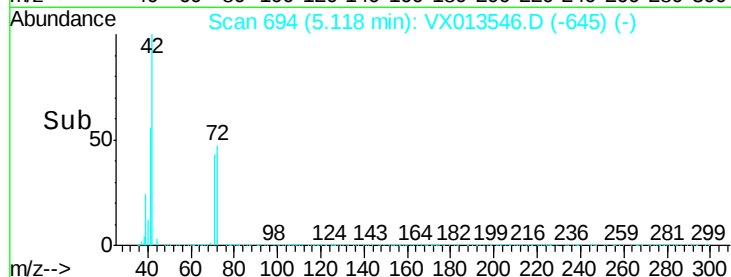
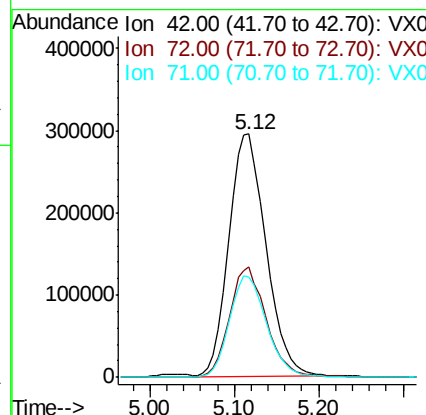
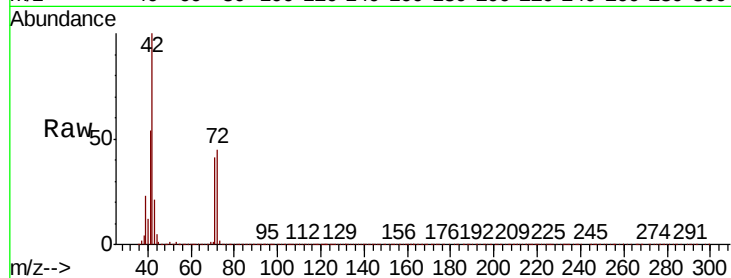
#29
Tetrahydrofuran
Concen: 274.629 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	42.0	33.4	50.0

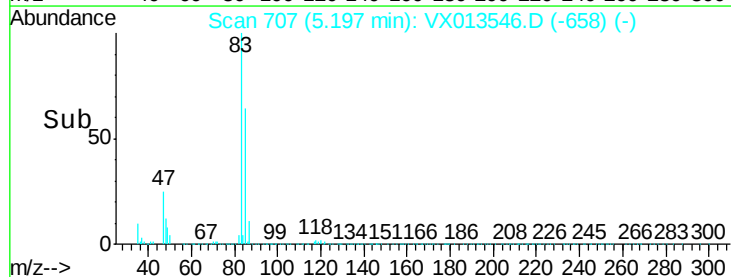
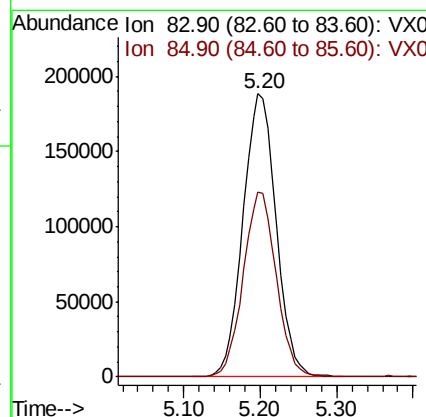
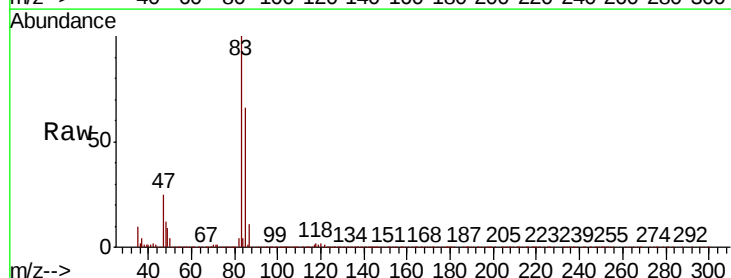
Manual Integrations
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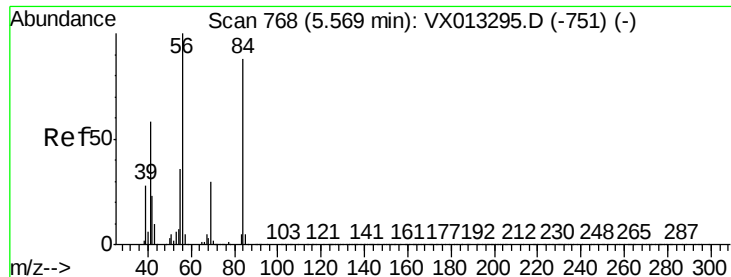
MMDadoda
11/25/2019 5:21:20 PM



#30
Chloroform
Concen: 52.854 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4





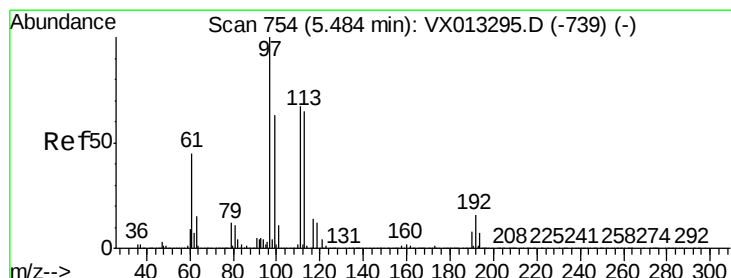
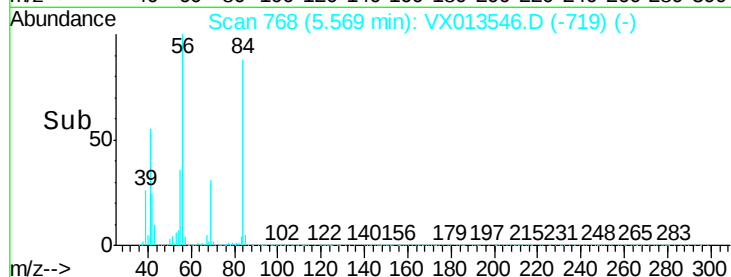
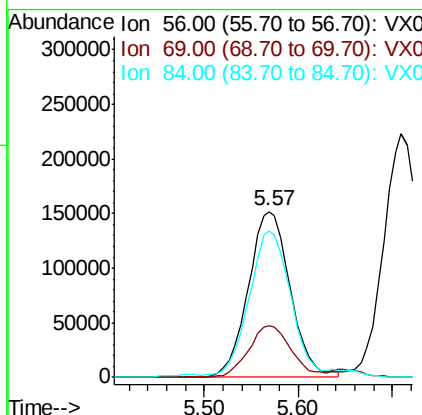
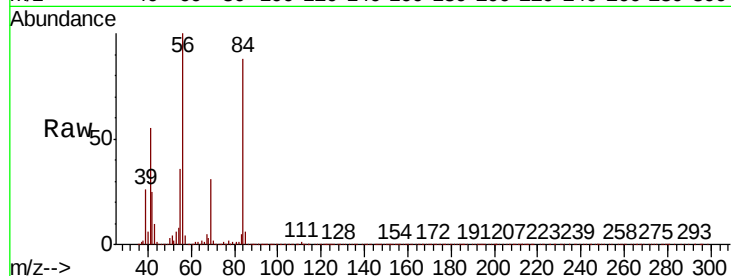
#31
Cyclohexane
Concen: 48.094 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.7	35.5
84	86.3	70.6	105.8

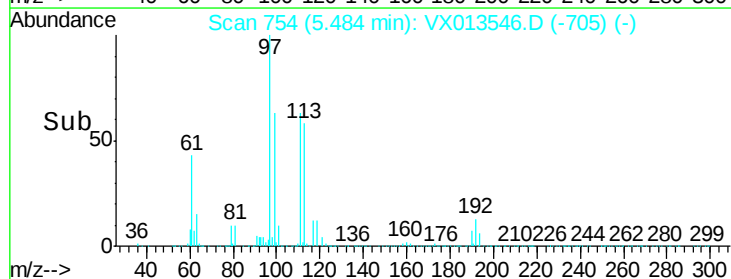
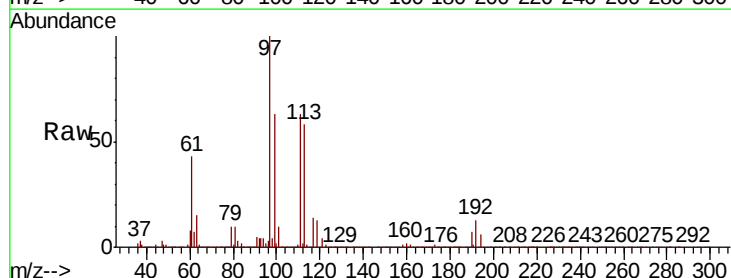
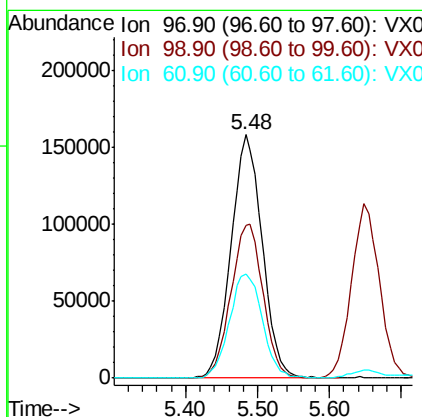
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 51.177 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.779 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 334532

Ion Ratio Lower Upper

65 100

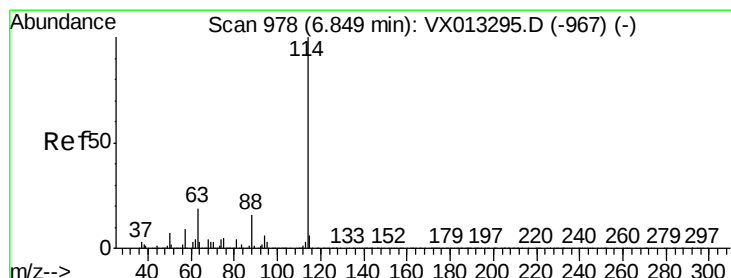
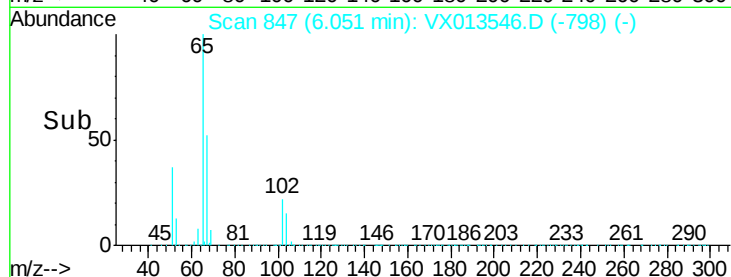
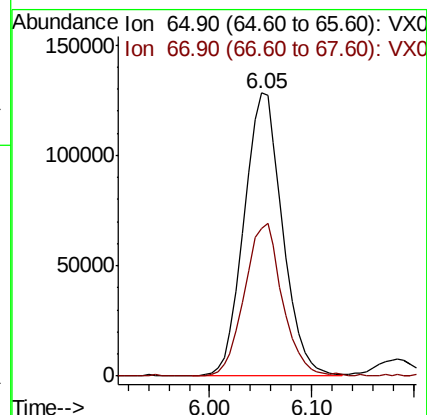
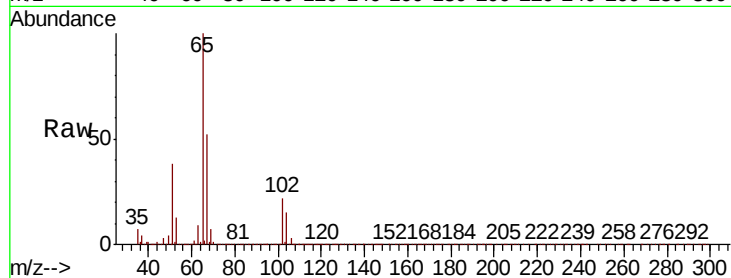
67 53.3 0.0 104.2

Manual Integrations

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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: VX013546.D

Acq: 22 Nov 2019 20:14

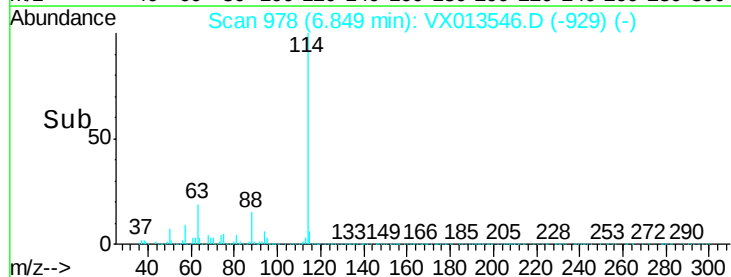
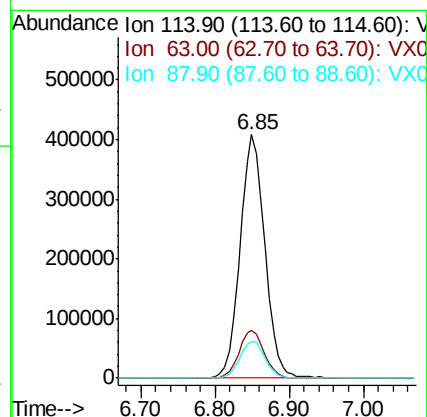
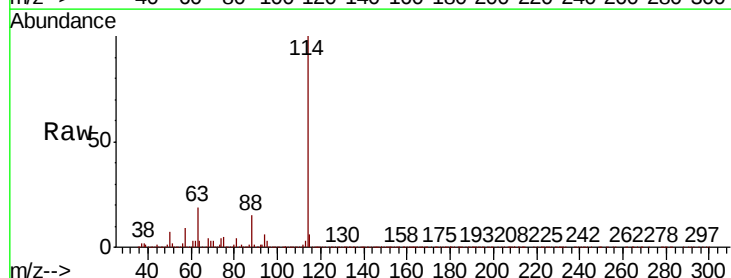
Tgt Ion: 114 Resp: 949210

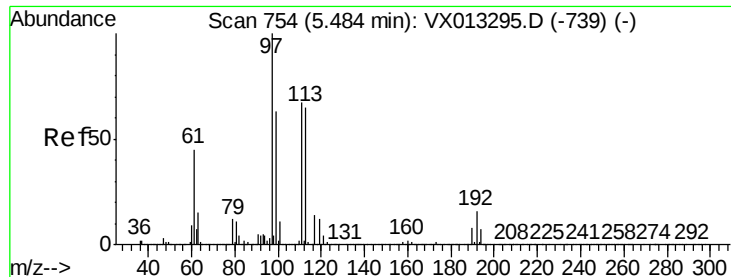
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.0 0.0 32.2





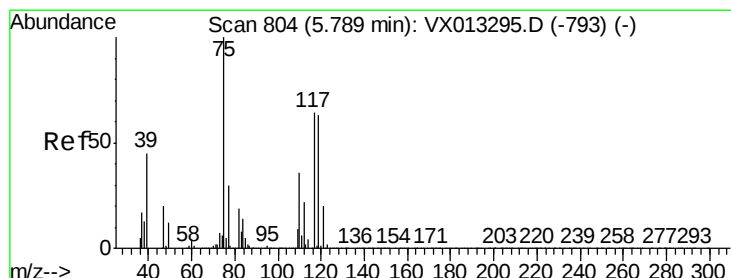
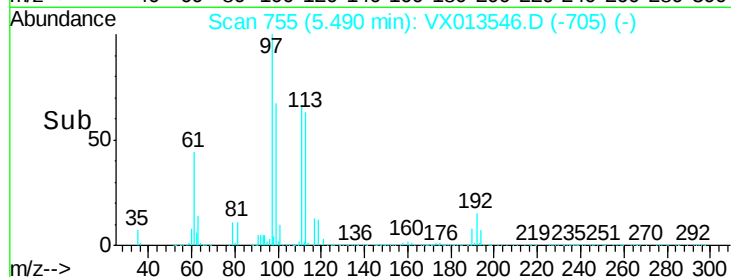
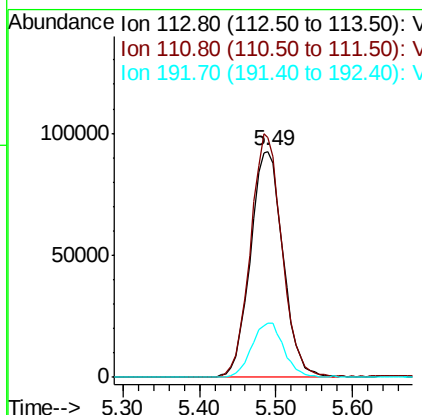
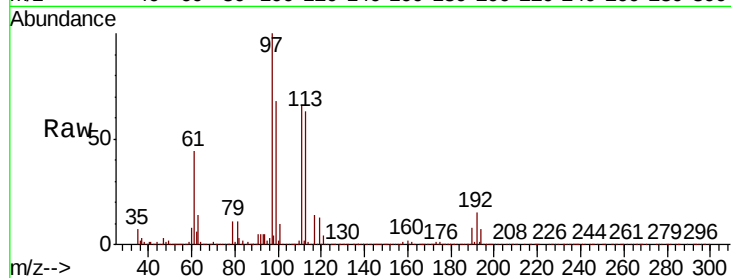
#35
Dibromofluoromethane
Concen: 45.835 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.9	122.9
192	24.1	19.1	28.7

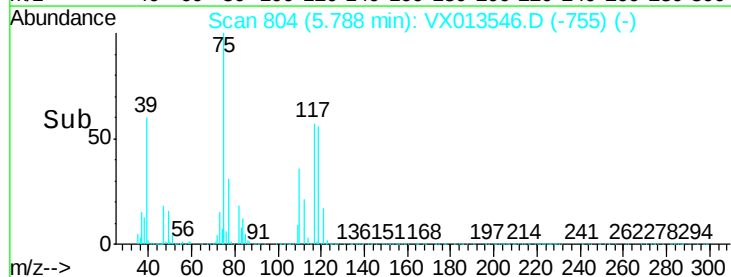
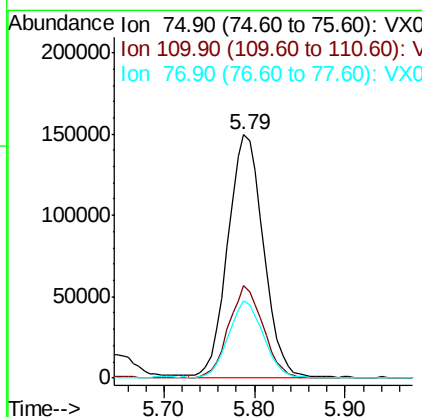
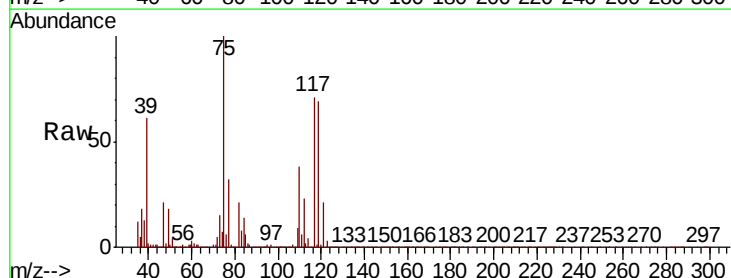
Manual Integrations
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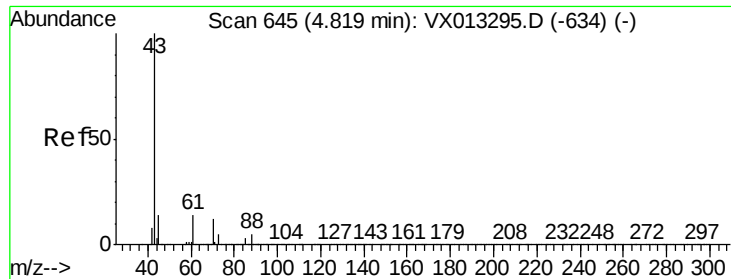
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#36
1,1-Dichloropropene
Concen: 49.697 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.0	25.0	37.4





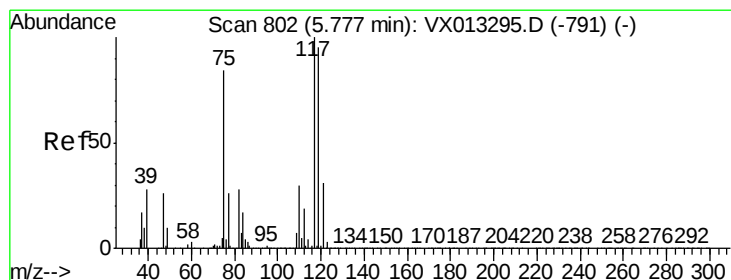
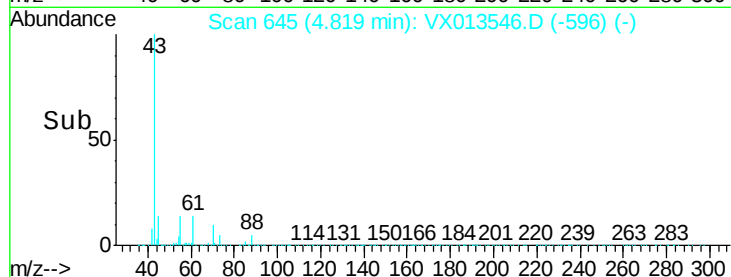
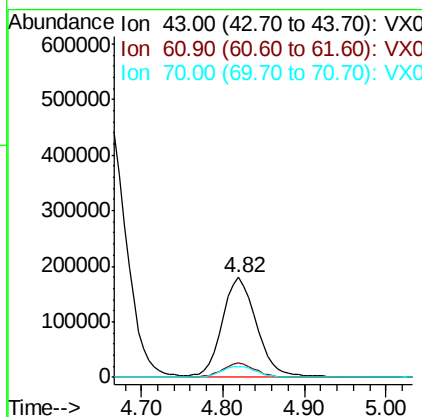
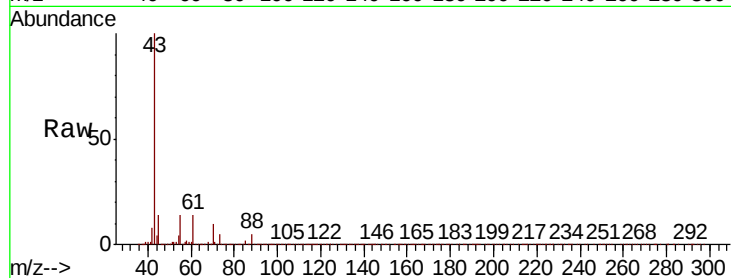
#37
Ethyl Acetate
Concen: 51.318 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	516361
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.7	13.1

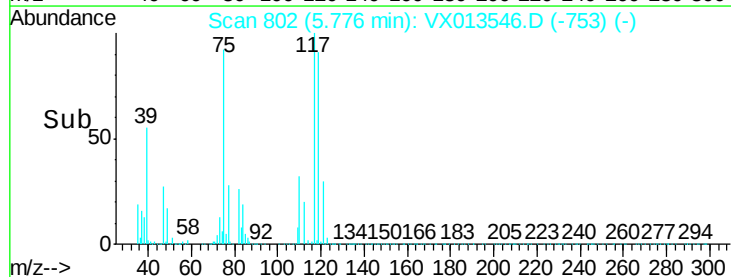
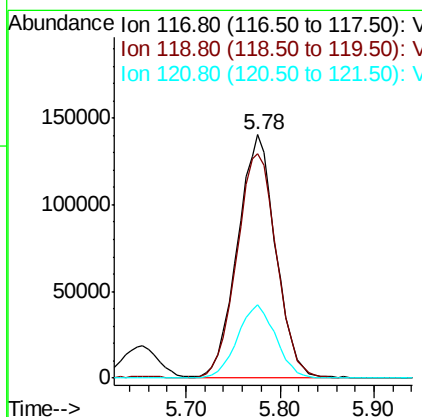
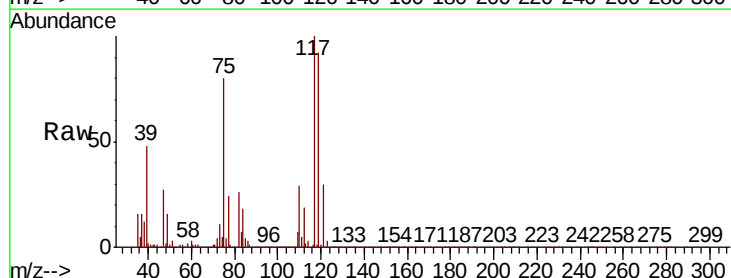
Manual Integrations
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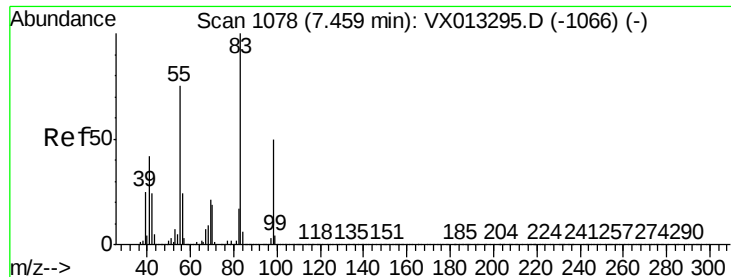
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.587 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion:	117	Resp:	394853
Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.1	114.1
121	29.8	24.6	37.0





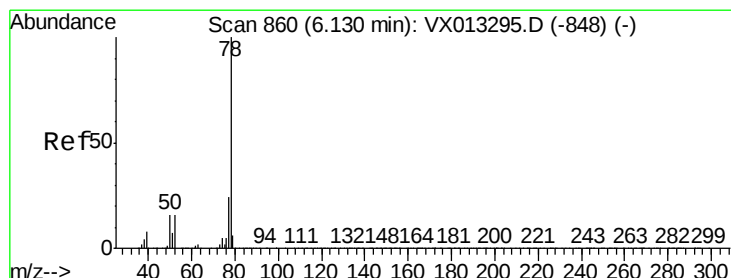
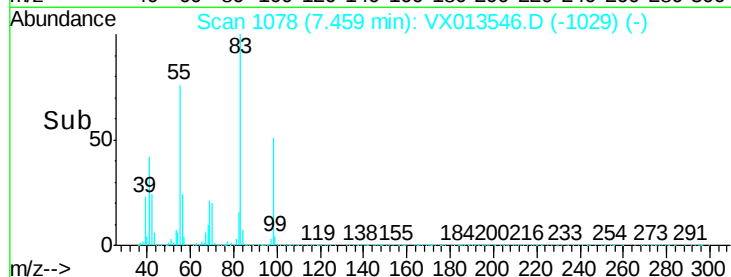
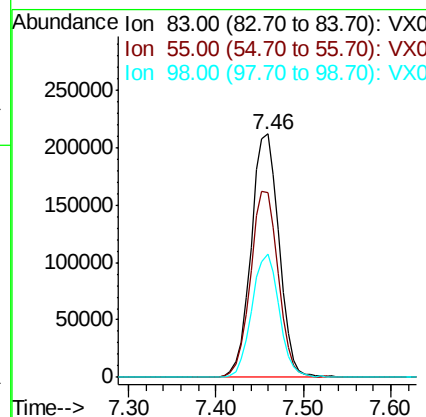
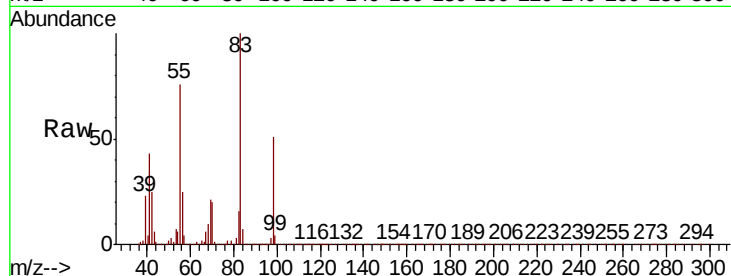
#39
Methvlcvclohexane
Concen: 46.288 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.3	90.5
98	50.6	40.3	60.5

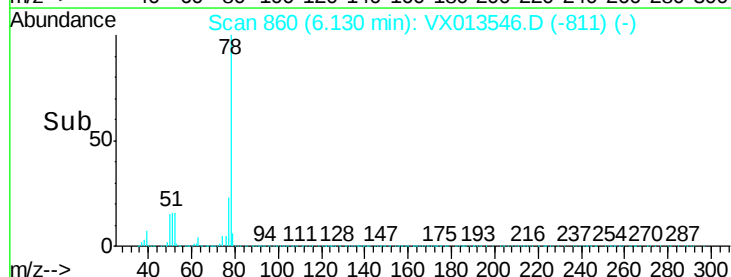
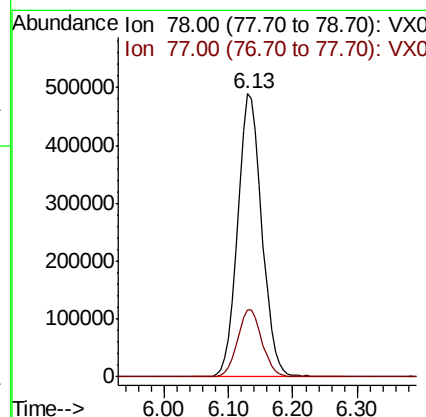
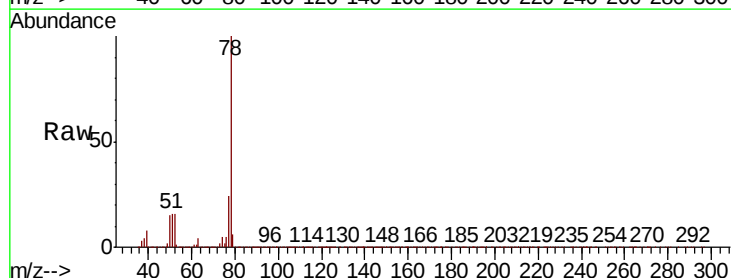
Manual Integrations
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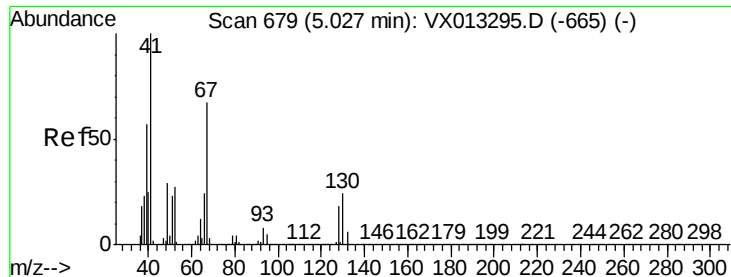
MMDadoda
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#40
Benzene
Concen: 50.464 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





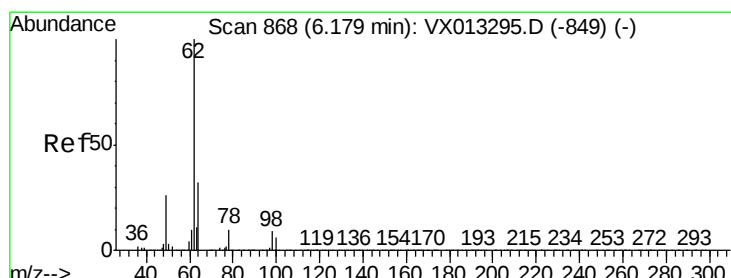
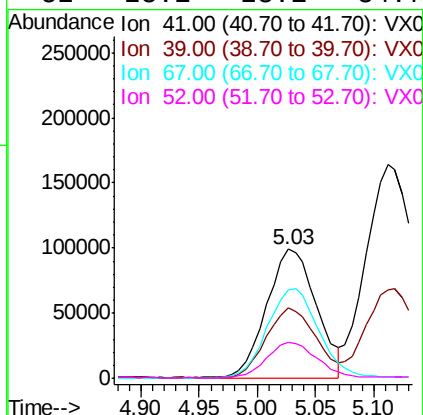
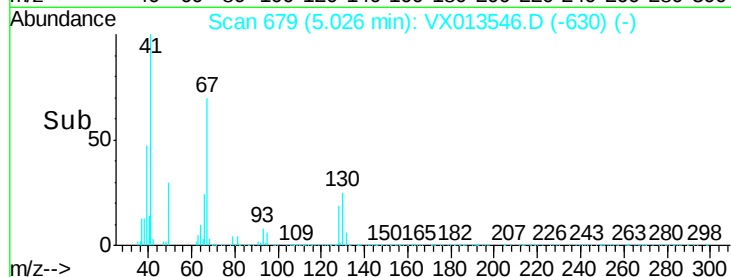
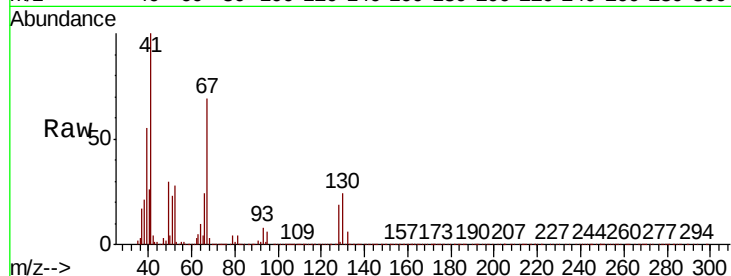
#41
Methacrylonitrile
Concen: 51.759 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	45.0	67.6	
67	71.5	55.4	83.2	
52	28.1	23.1	34.7	

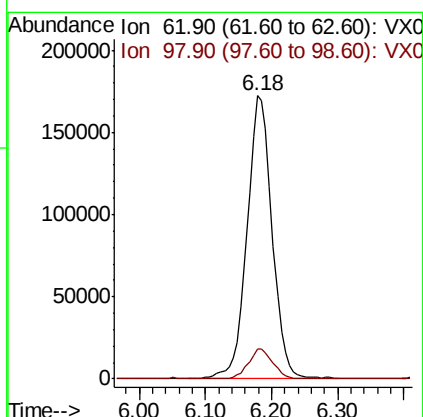
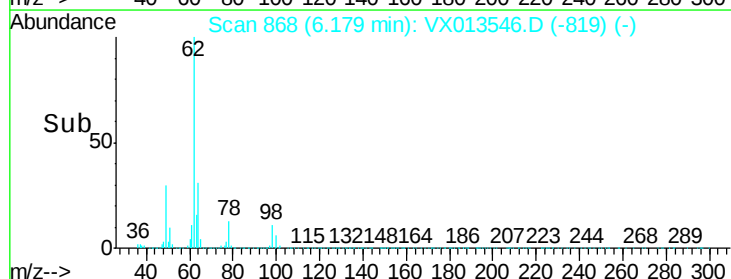
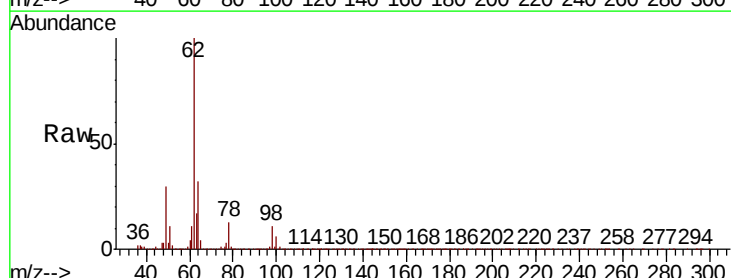
Manual Integrations
APPROVED

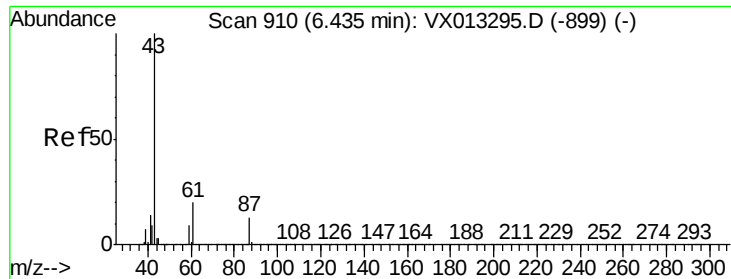
MMDadoda
11/25/2019 5:21:20 PM



#42
1,2-Dichloroethane
Concen: 49.758 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.4	





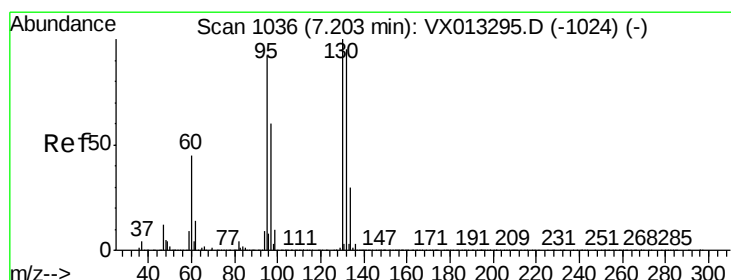
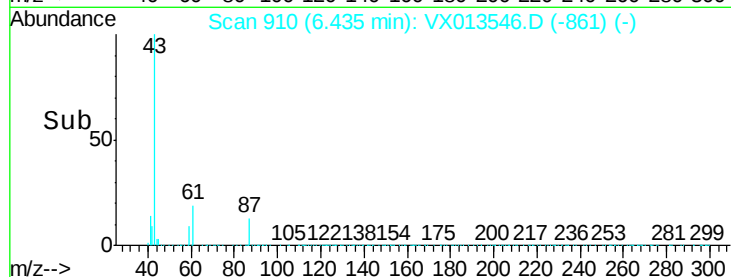
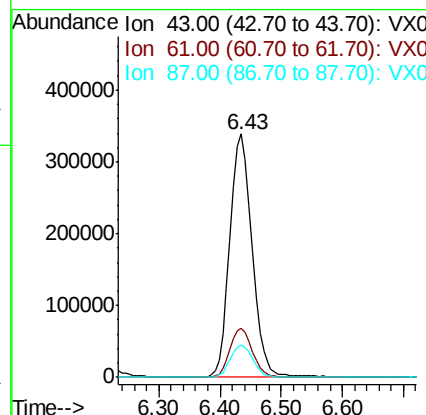
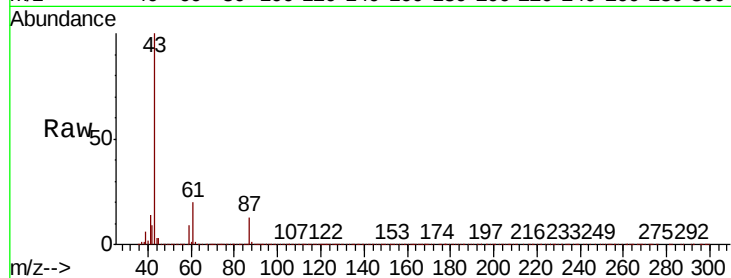
#43
Isopropyl Acetate
Concen: 54.110 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.8	23.8
87	13.6	10.4	15.6

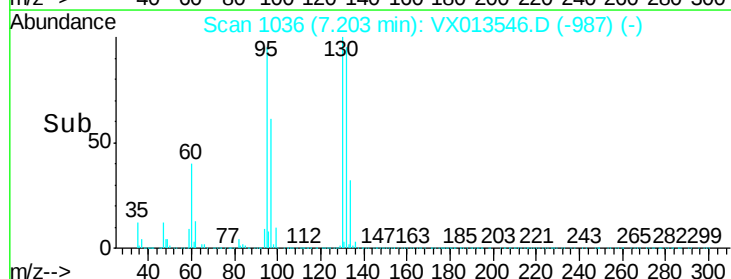
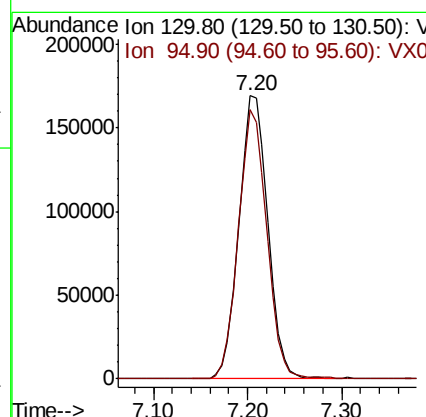
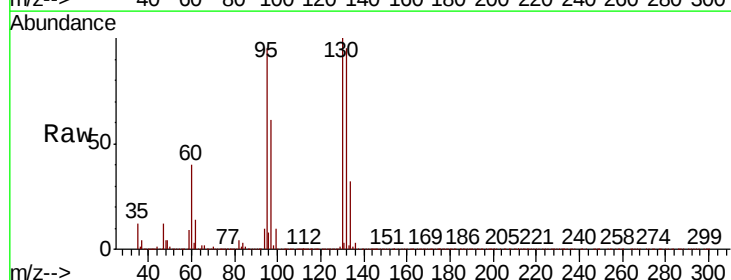
Manual Integrations
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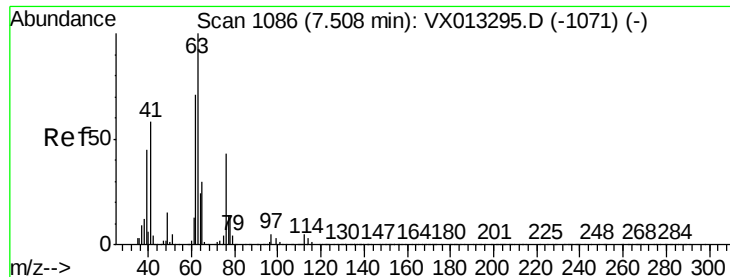
MMDadoda
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#44
Trichloroethene
Concen: 51.665 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	184.8





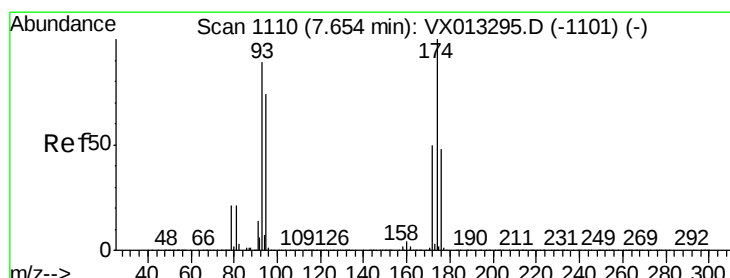
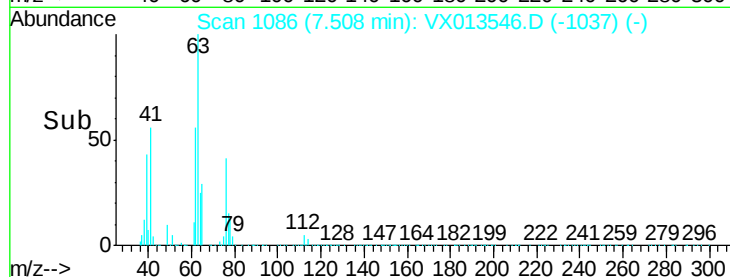
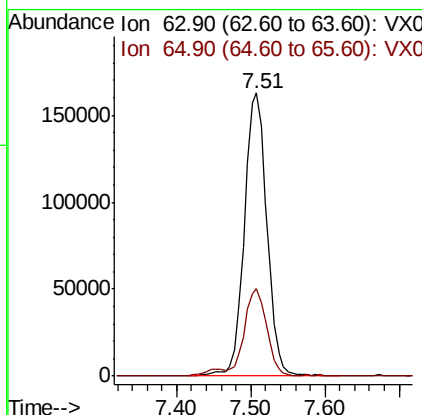
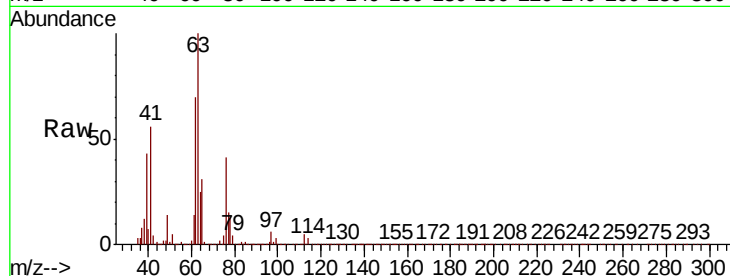
#45
 1,2-Dichloropropane
 Concen: 53.280 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.3	36.5

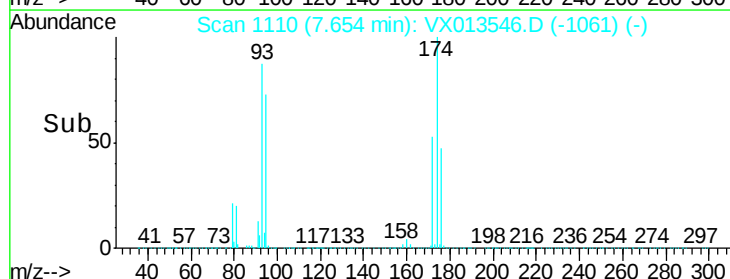
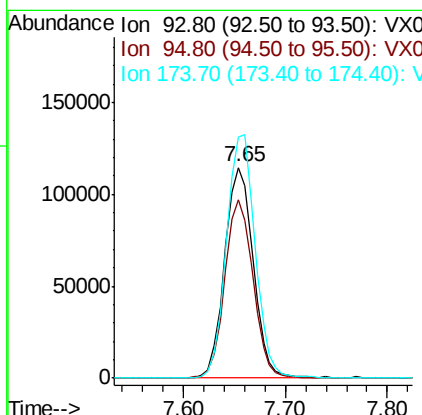
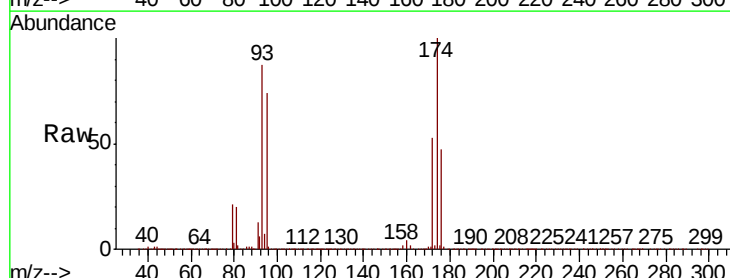
Manual Integrations
 APPROVED

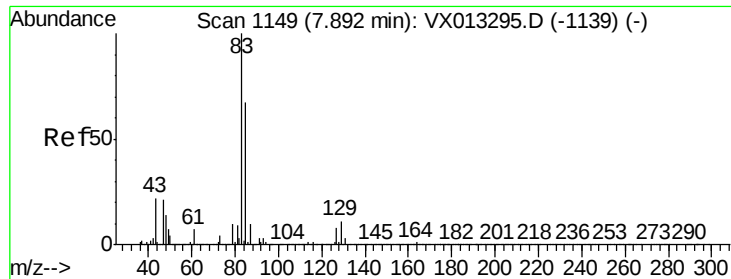
MMDadoda
 11/25/2019 5:21:20 PM



#46
 Dibromomethane
 Concen: 50.285 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.8	98.6
174	116.3	90.4	135.6





#47

Bromodichloromethane

Concen: 53.283 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

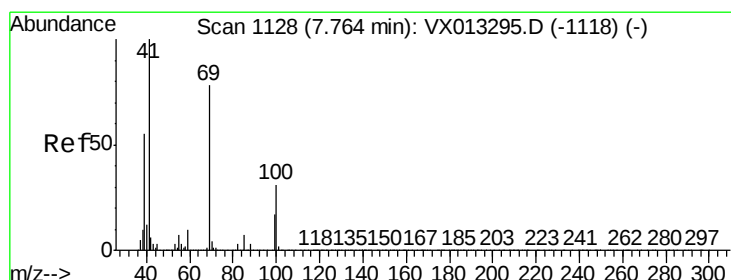
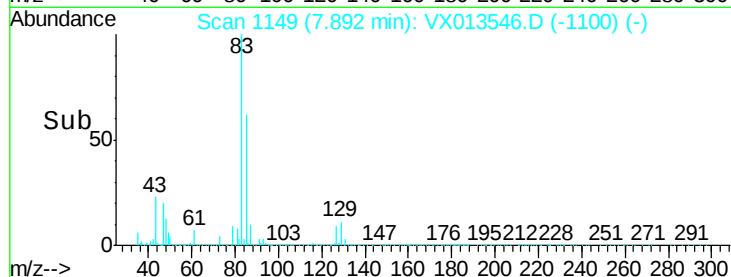
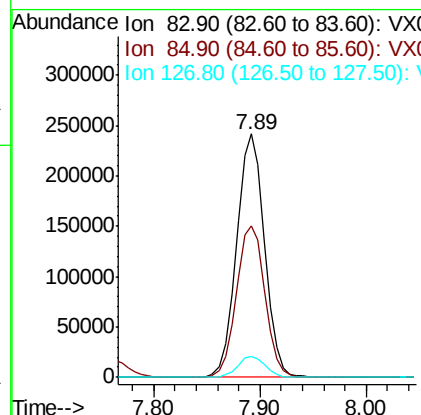
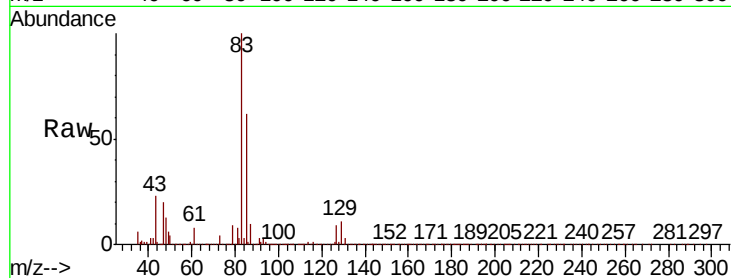
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	443376
Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.7	80.5
127	8.5	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.006 ug/l

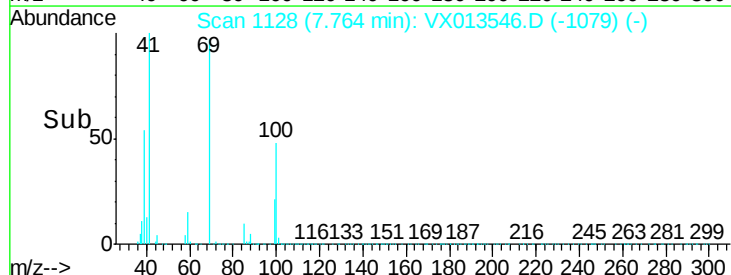
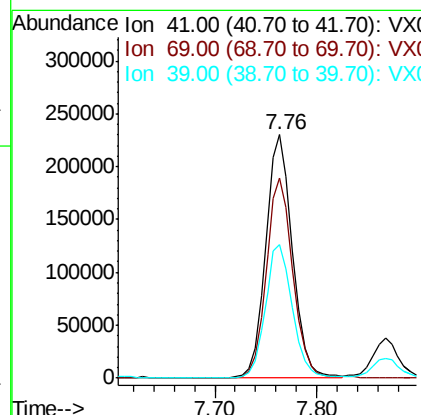
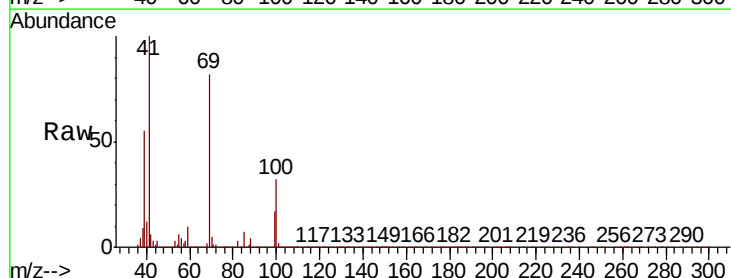
RT: 7.76 min Scan# 1128

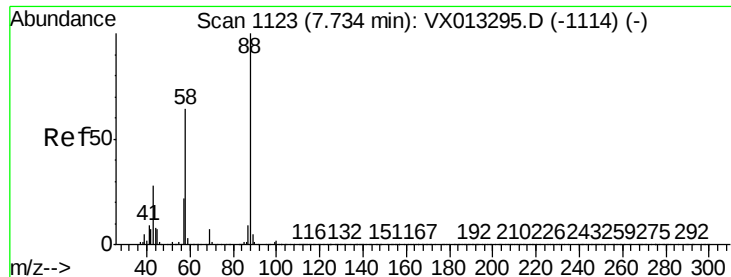
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	41	Resp:	414578
Ion	Ratio	Lower	Upper
41	100		
69	82.7	63.0	94.6
39	56.0	45.9	68.9





#49

1,4-Dioxane

Concen: 923.189 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

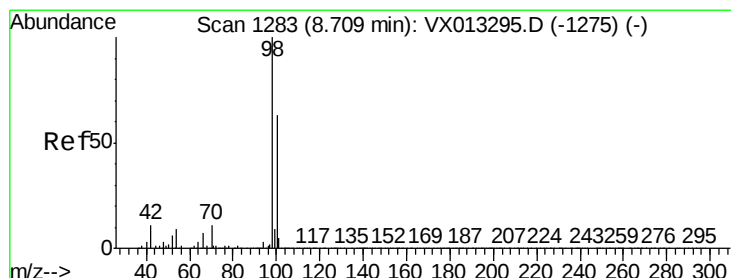
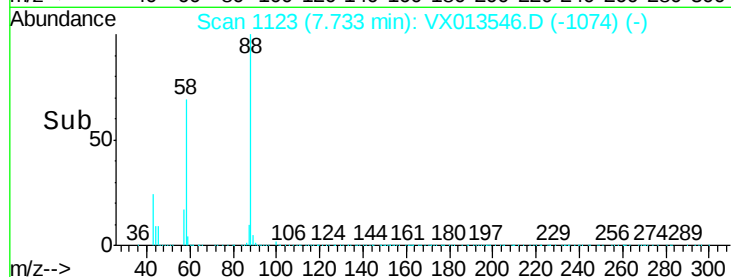
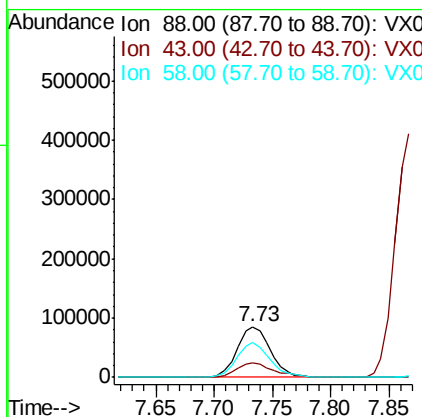
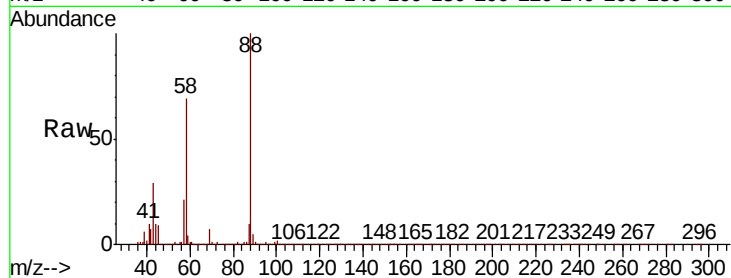
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	165359
Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.6	39.8
58	70.1	55.0	82.6

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#50

Toluene-d8

Concen: 46.796 ug/l

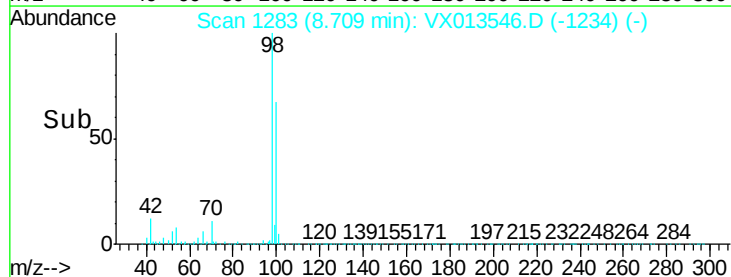
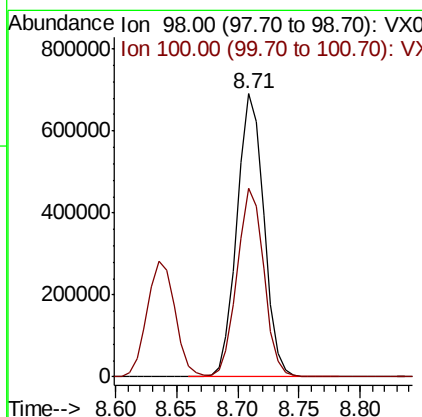
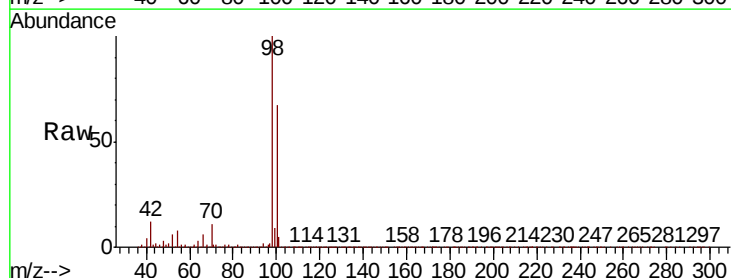
RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	98	Resp:	1050311
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2





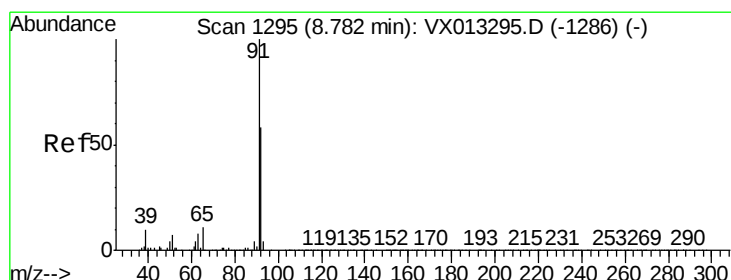
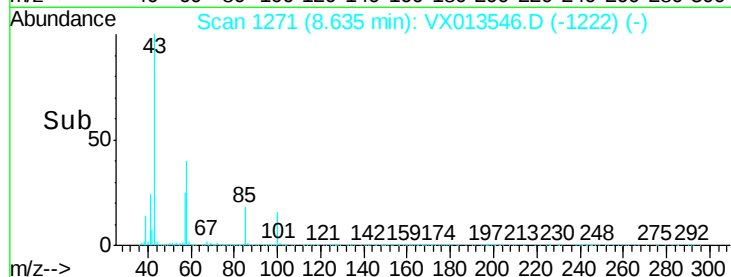
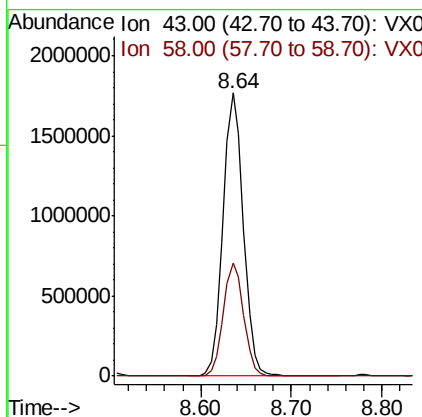
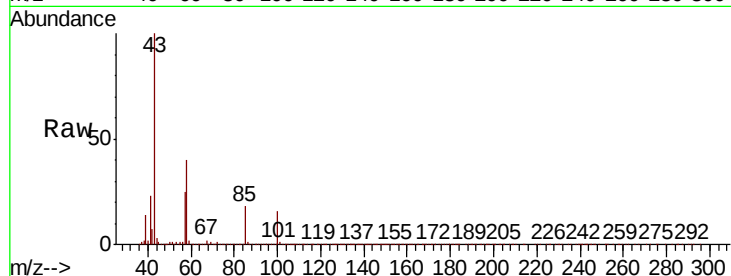
#51
4-Methyl-2-Pentanone
Concen: 268.570 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2760858
Ion Ratio Lower Upper
43 100
58 39.9 31.4 47.0

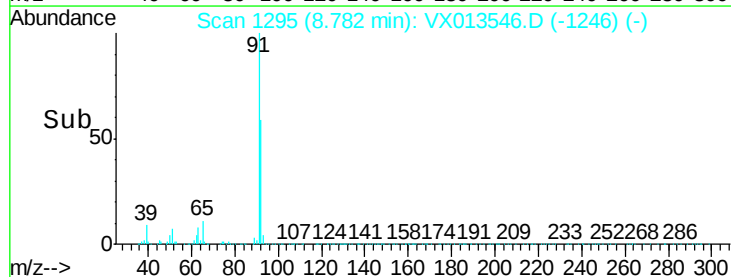
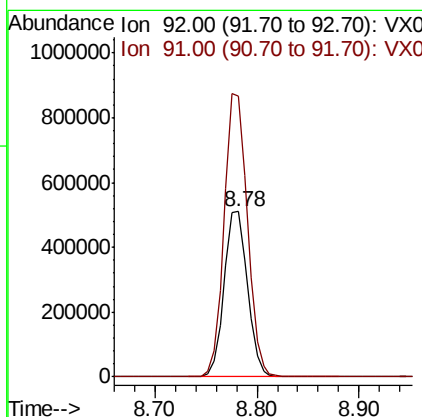
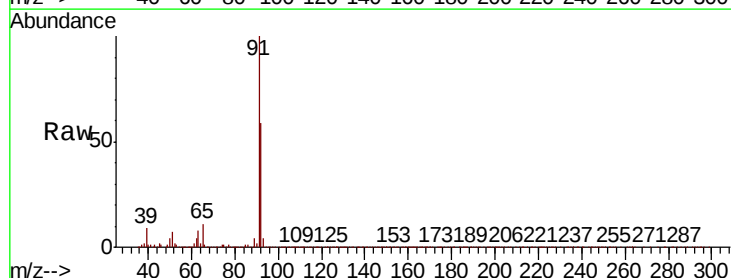
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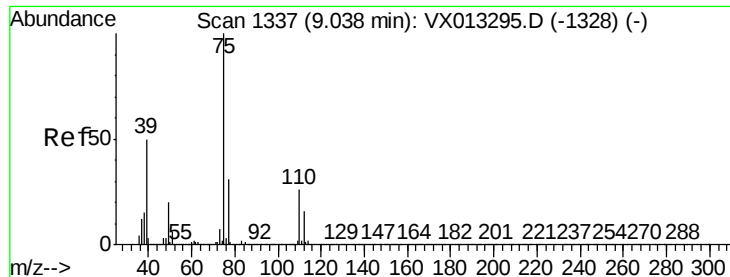
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#52
Toluene
Concen: 51.555 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 92 Resp: 810509
Ion Ratio Lower Upper
92 100
91 170.7 138.0 207.0





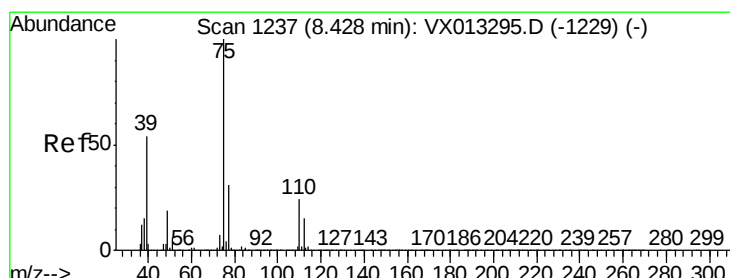
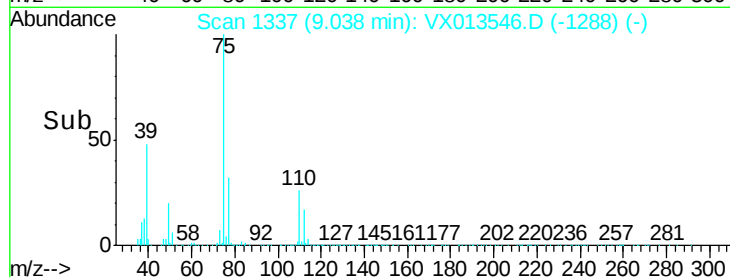
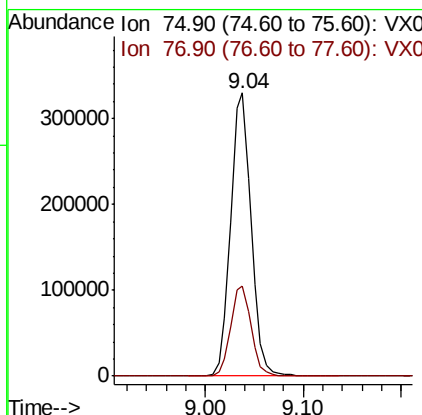
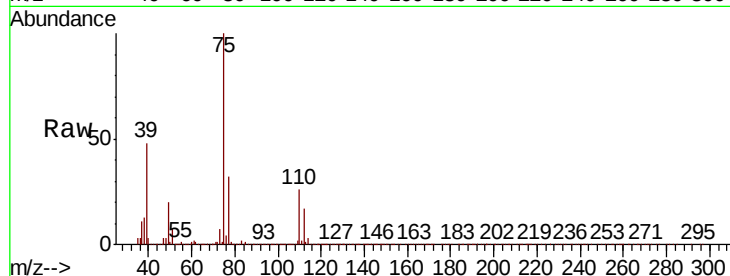
#53
t-1,3-Dichloropropene
Concen: 52.530 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4

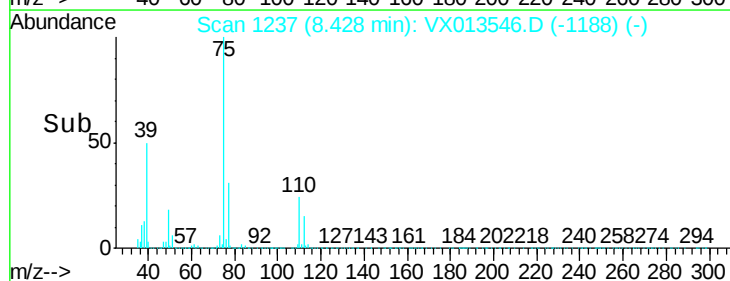
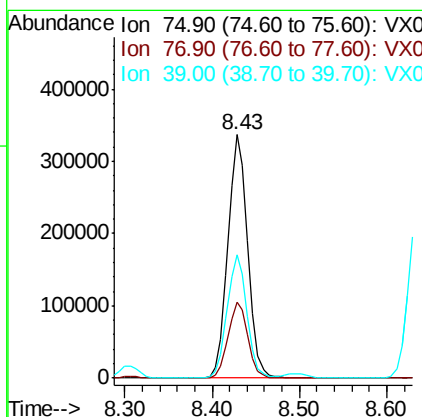
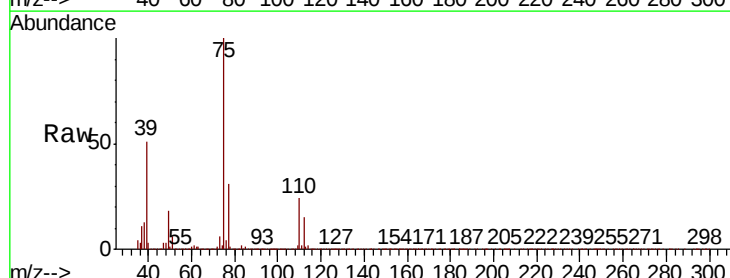
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#54
cis-1,3-Dichloropropene
Concen: 51.774 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1
39	50.5	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 53.097 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

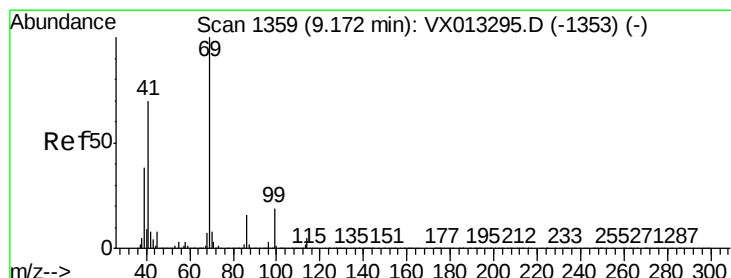
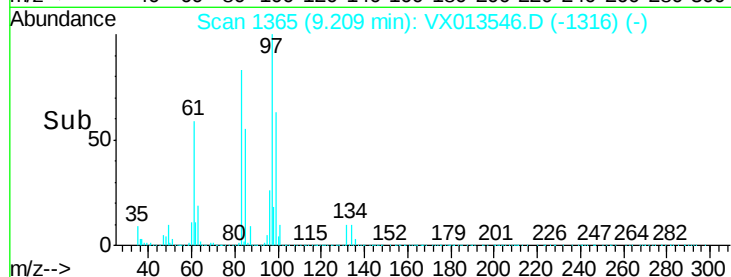
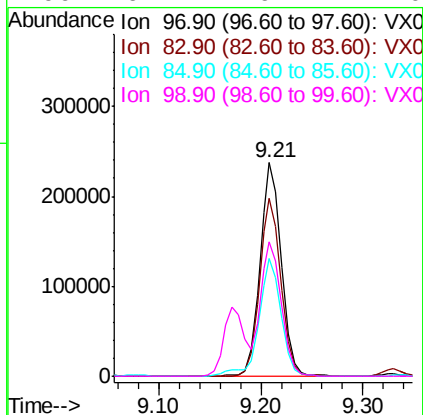
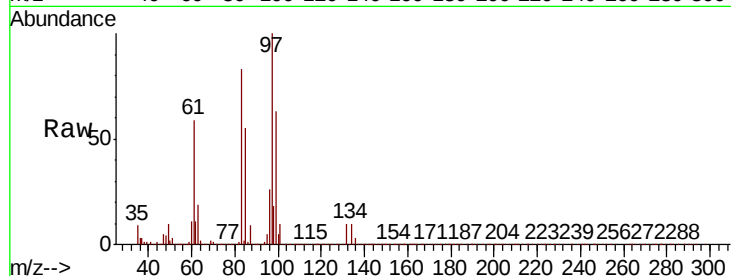
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	345994
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.6	103.0
85	55.1	43.1	64.7
99	62.7	49.4	74.0

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#56

Ethyl methacrylate

Concen: 51.316 ug/l

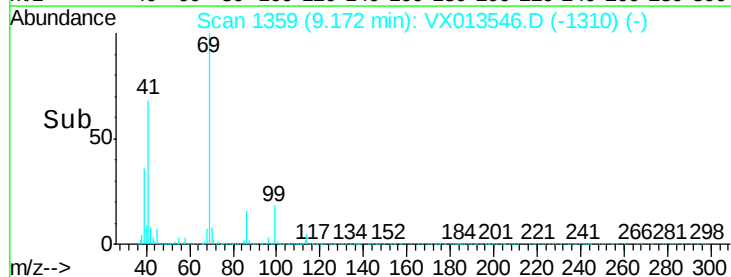
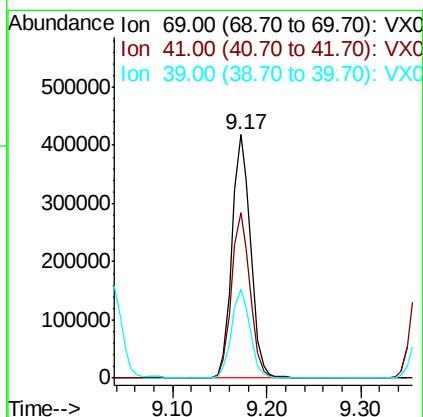
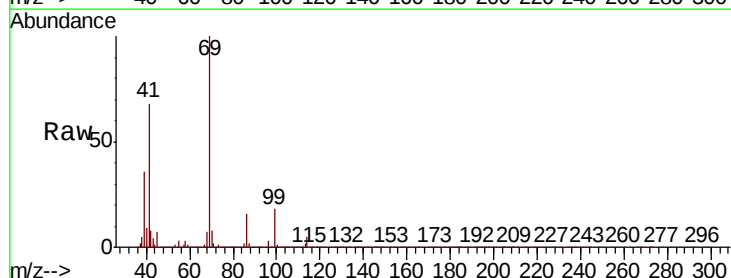
RT: 9.17 min Scan# 1359

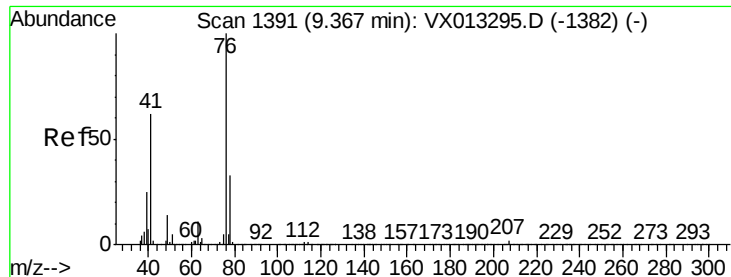
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	69	Resp:	571345
Ion	Ratio	Lower	Upper
69	100		
41	67.8	56.2	84.2
39	36.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 52.509 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 580838

Ion Ratio Lower Upper

76 100

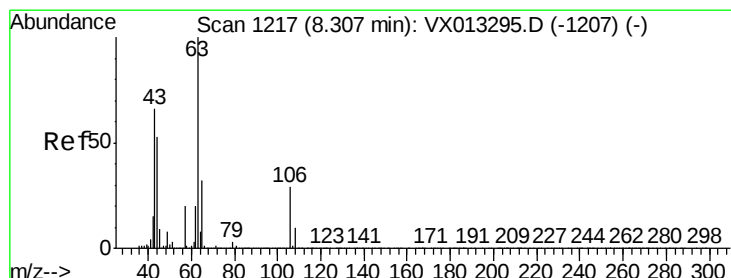
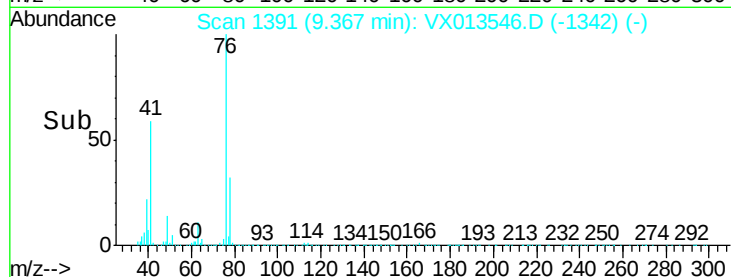
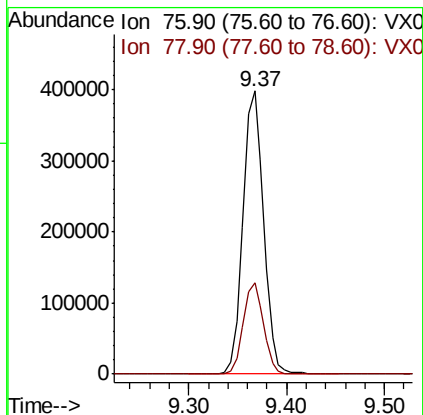
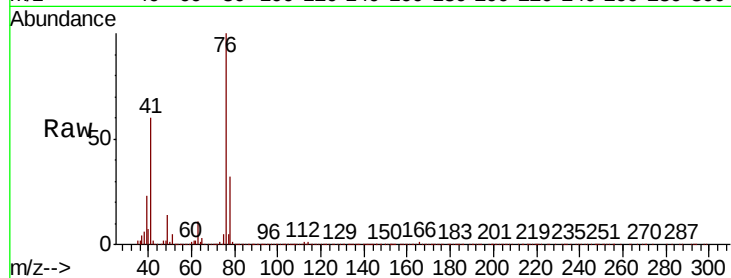
78 31.7 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 263.205 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013546.D

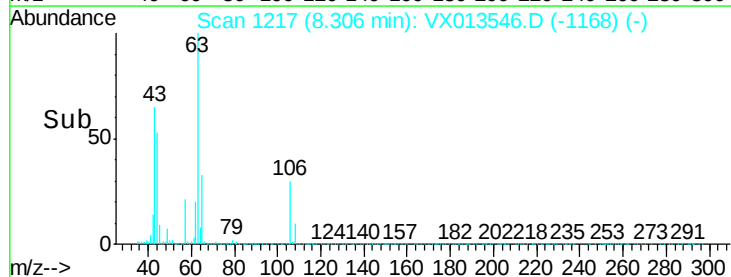
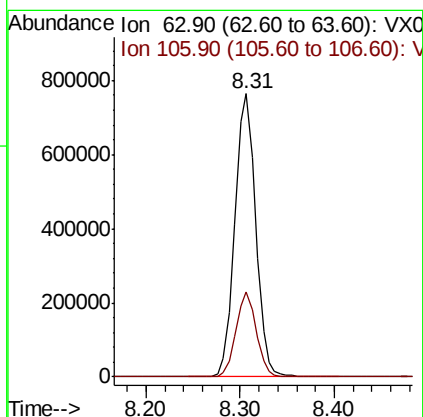
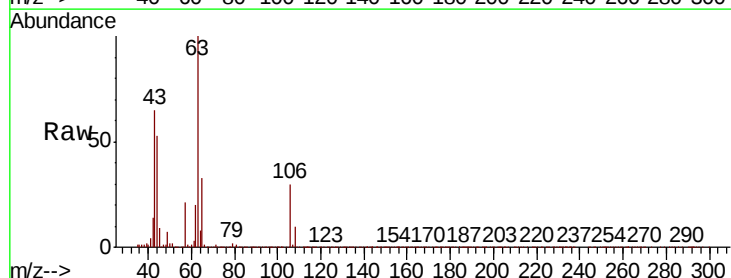
Acq: 22 Nov 2019 20:14

Tgt Ion: 63 Resp: 1172717

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





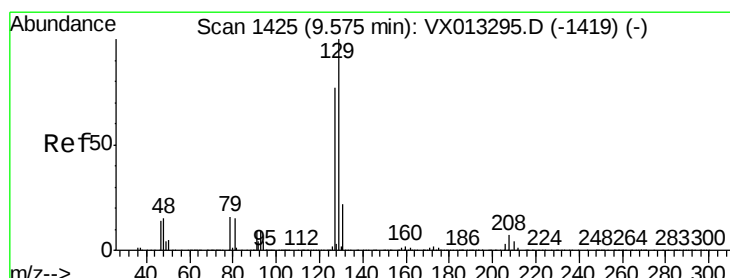
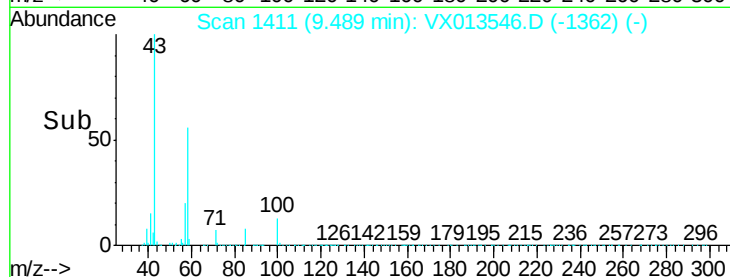
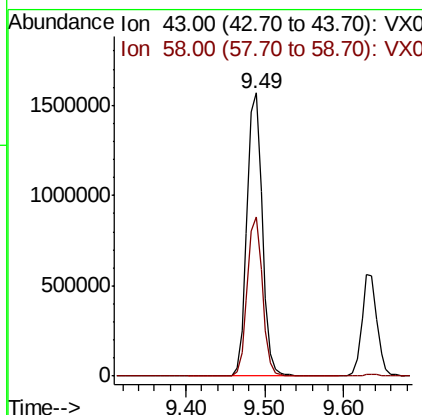
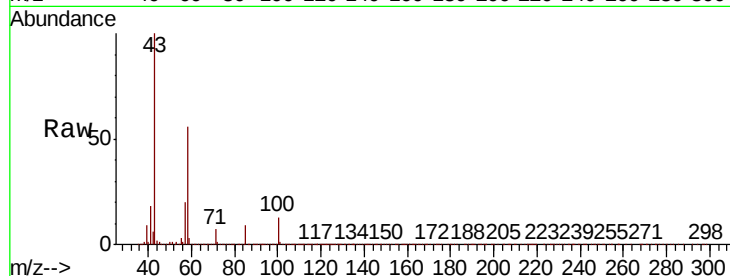
#59
2-Hexanone
Concen: 266.793 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2119417
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

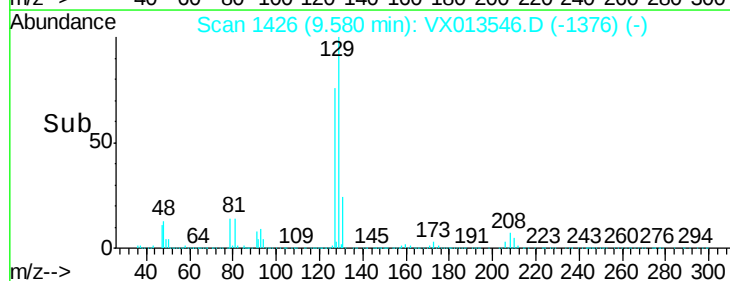
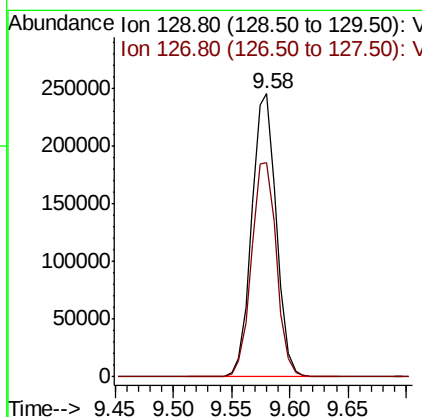
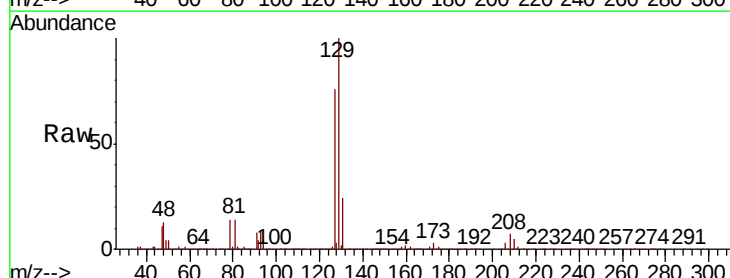
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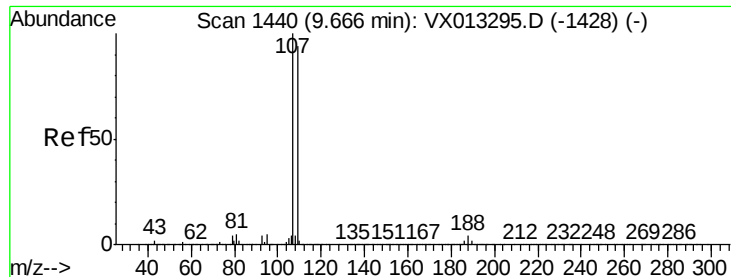
MMDadoda
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#60
Dibromochloromethane
Concen: 54.133 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion: 129 Resp: 360766
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.346 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 362210

Ion Ratio Lower Upper

107 100

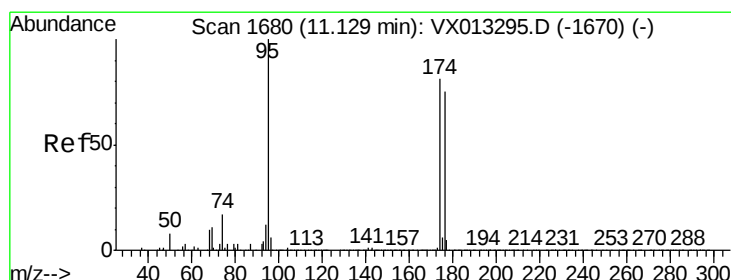
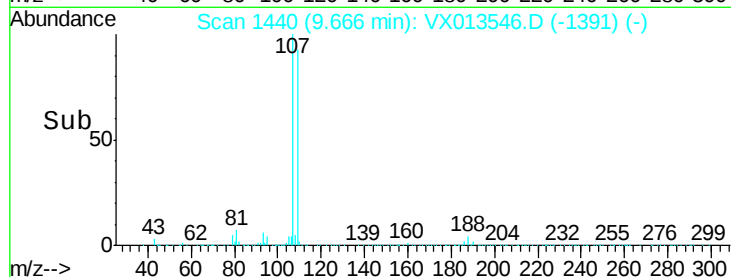
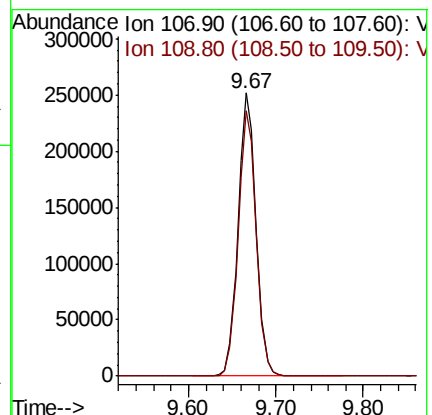
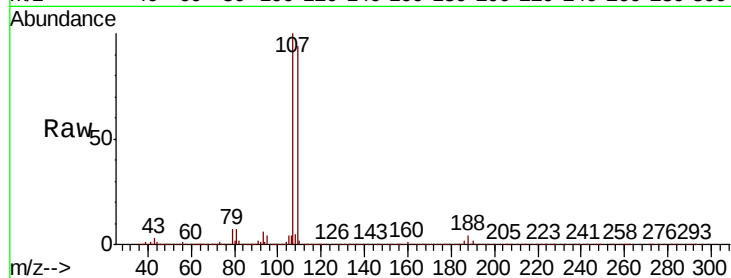
109 93.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 47.458 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

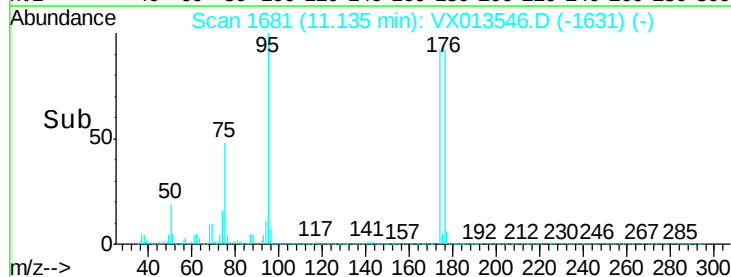
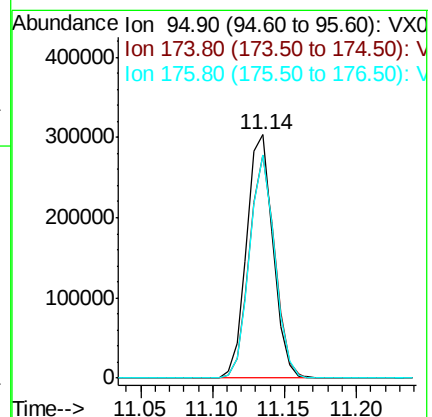
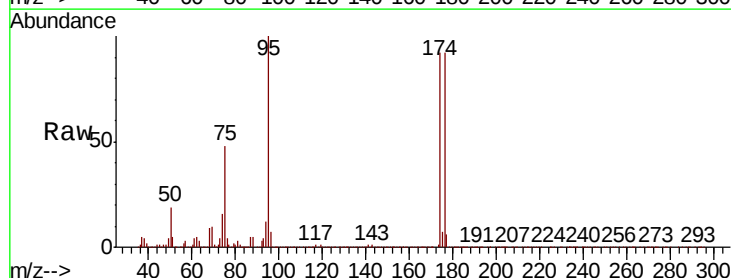
Tgt Ion: 95 Resp: 384426

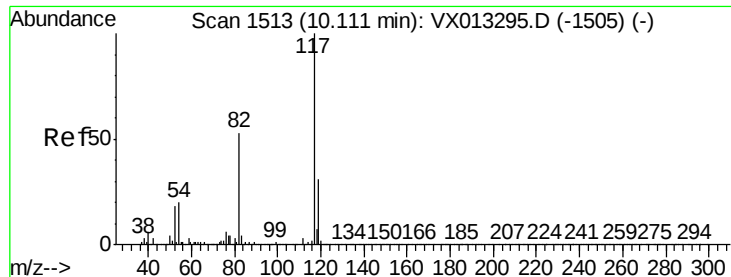
Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

176 87.5 0.0 173.0





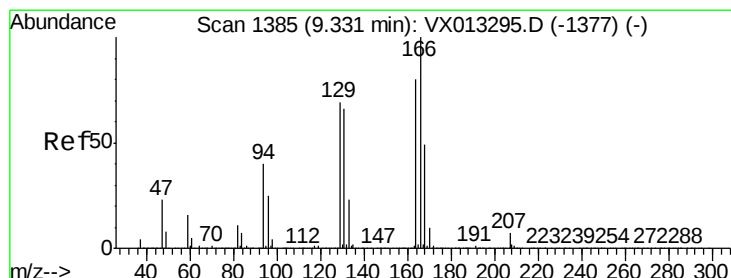
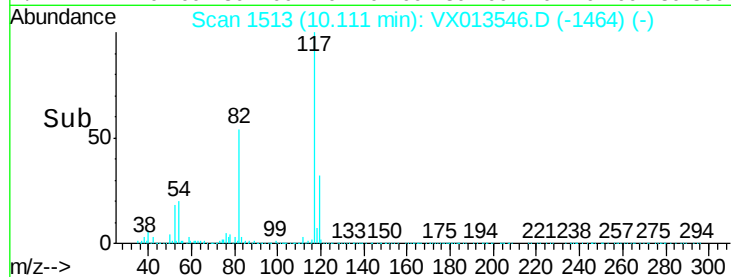
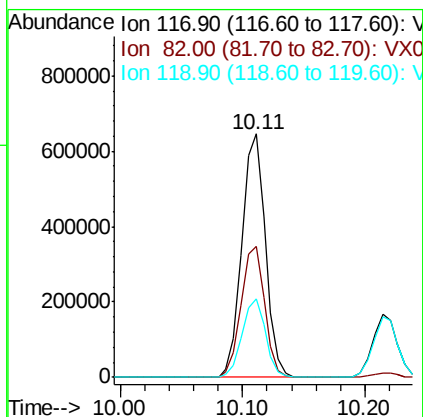
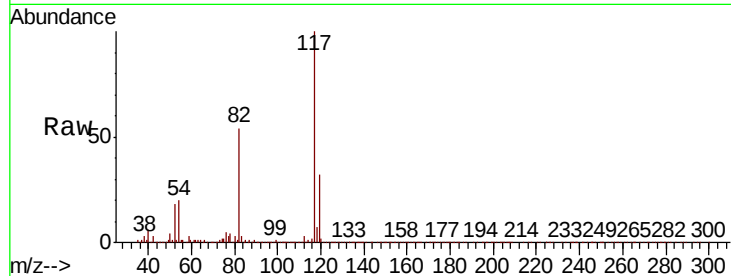
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	64.0
119	32.0	24.8	37.2

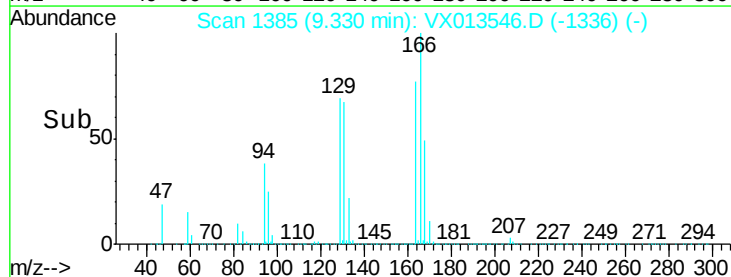
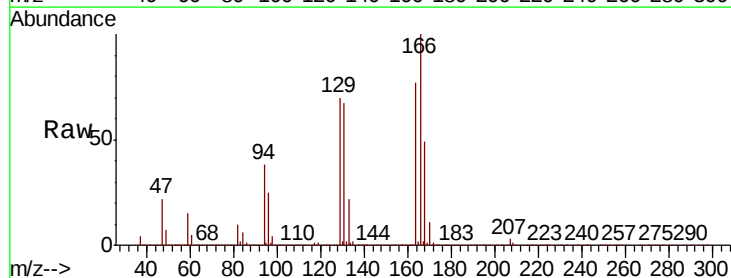
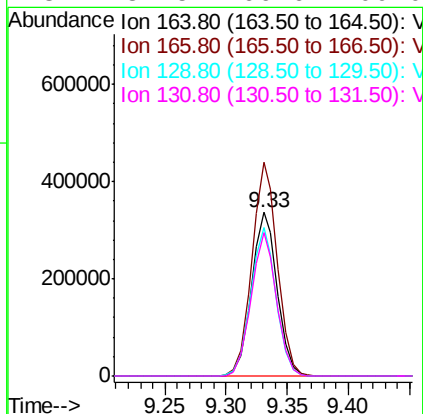
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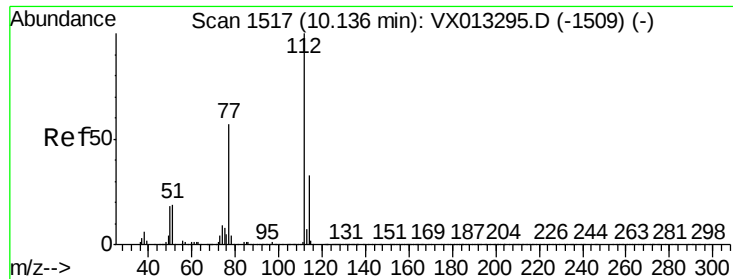
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#64
Tetrachloroethene
Concen: 79.881 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	100.4	150.6
129	90.7	69.4	104.2
131	87.5	66.6	100.0





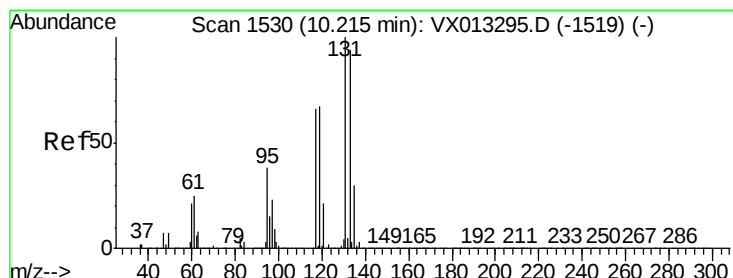
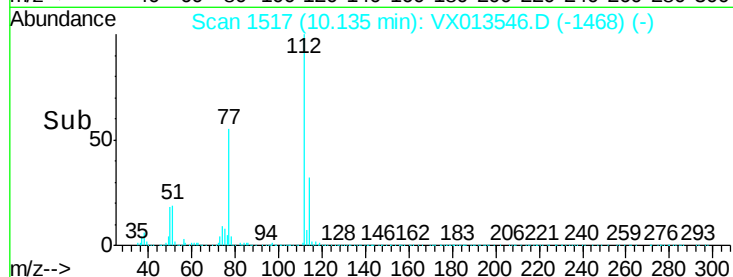
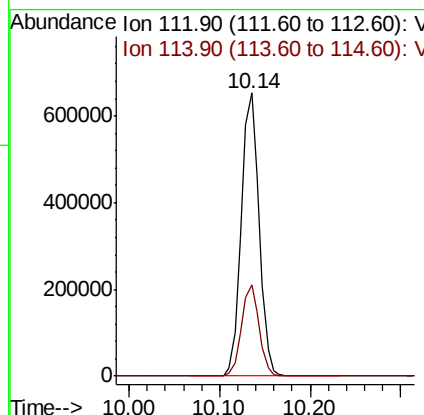
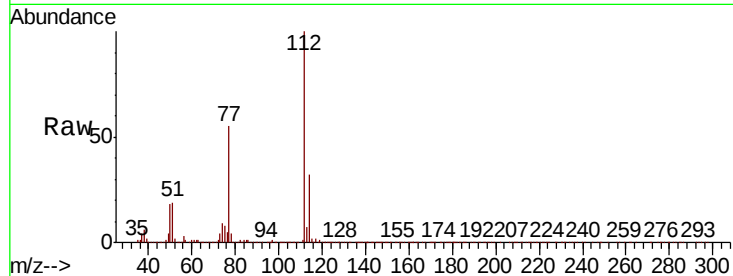
#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.4	39.6

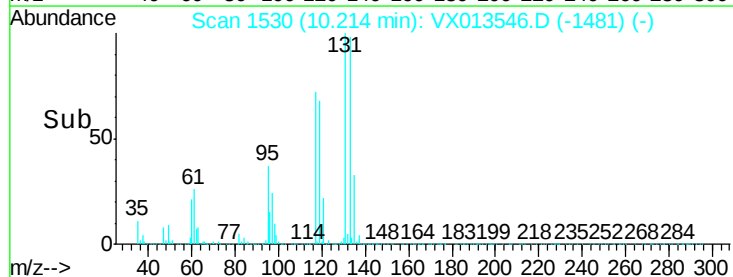
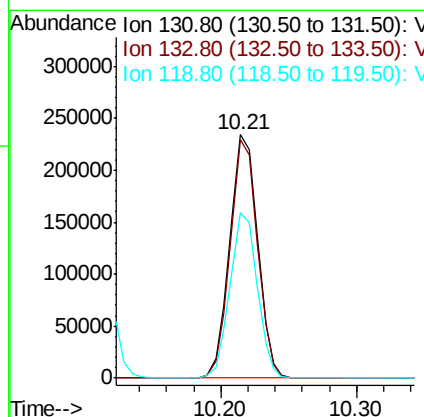
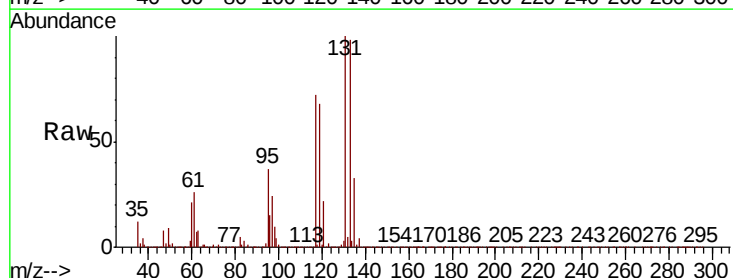
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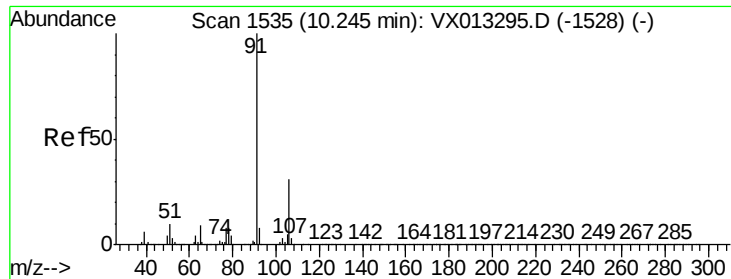
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.579 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.0	144.0
119	66.7	33.0	99.0





#67

Ethyl Benzene

Concen: 51.730 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1551429

Ion Ratio Lower Upper

91 100

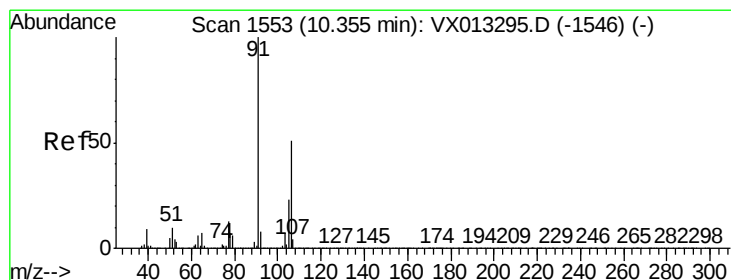
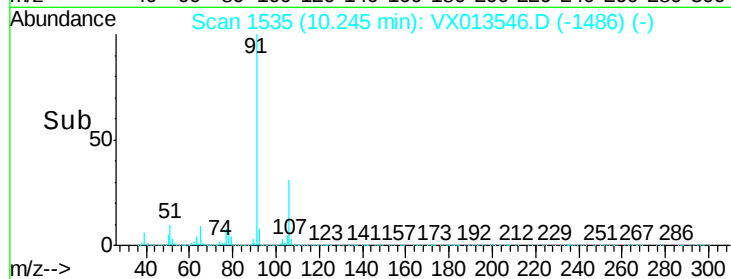
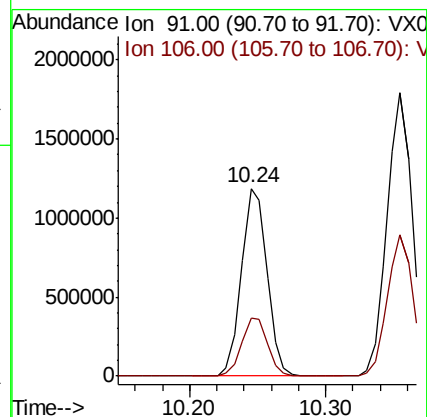
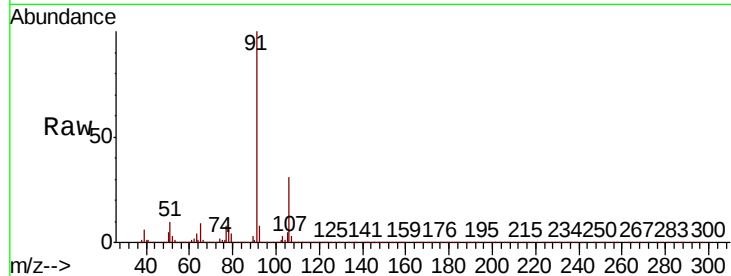
106 31.1 24.6 36.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.610 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013546.D

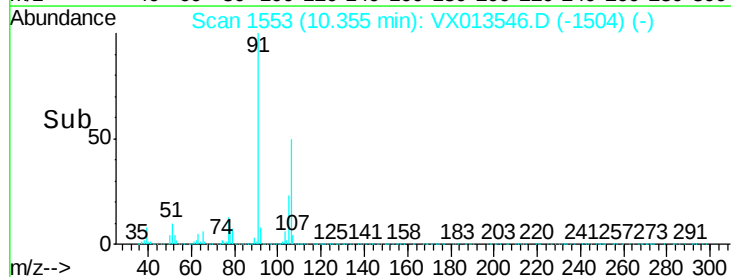
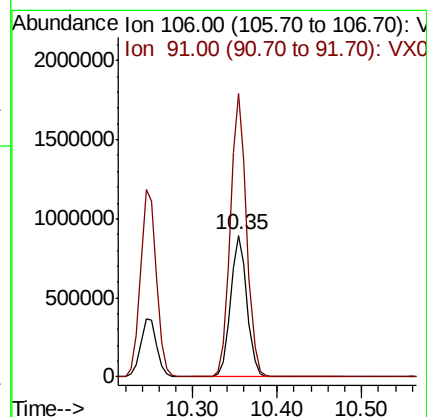
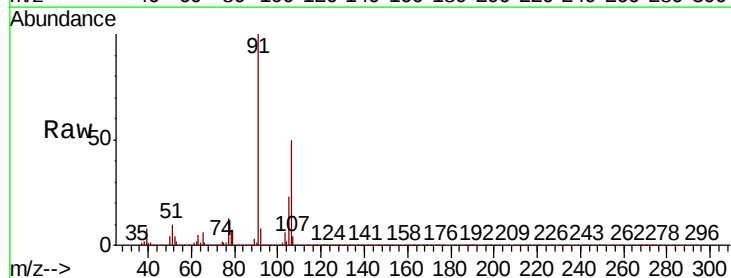
Acq: 22 Nov 2019 20:14

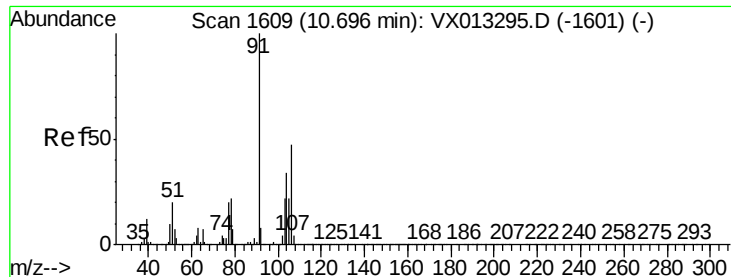
Tgt Ion: 106 Resp: 1175168

Ion Ratio Lower Upper

106 100

91 198.8 159.3 238.9





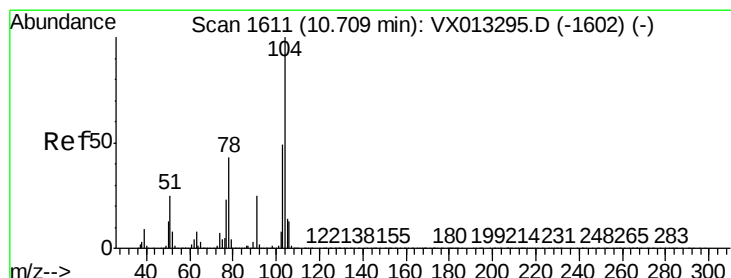
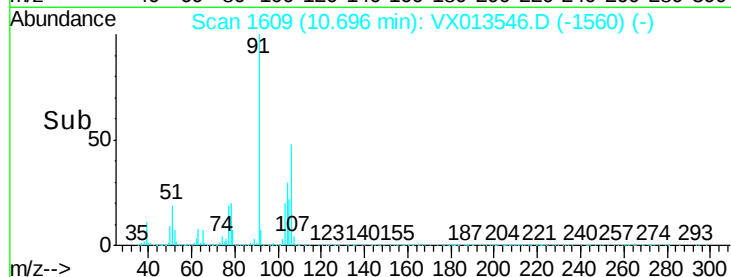
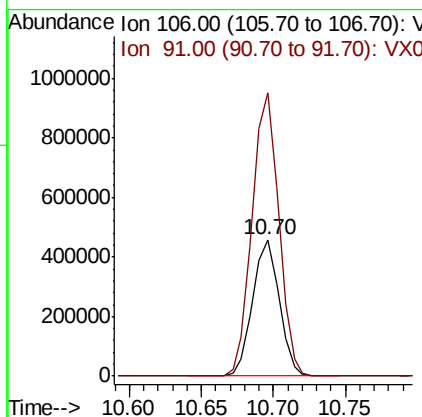
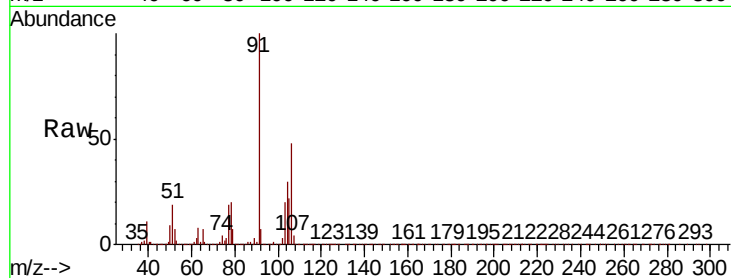
#69
o-Xylene
Concen: 52.246 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	105.7	317.0

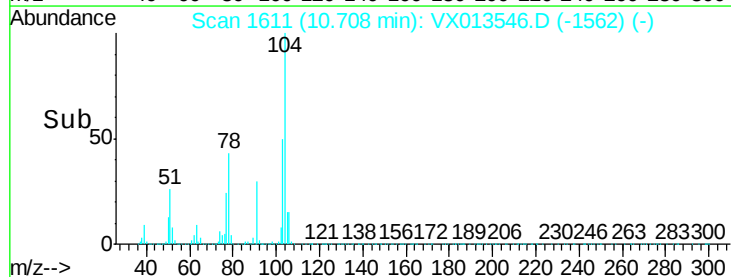
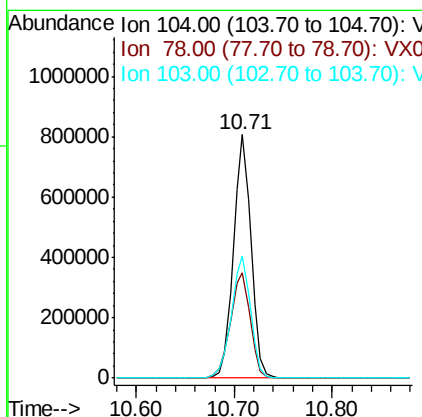
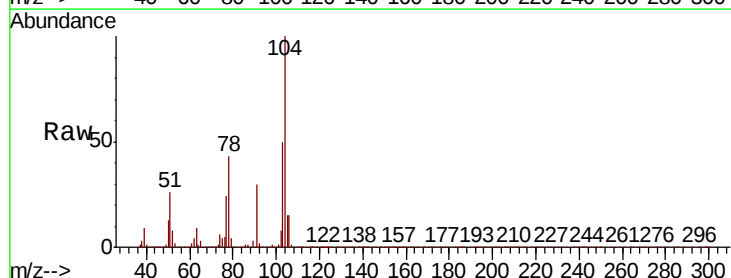
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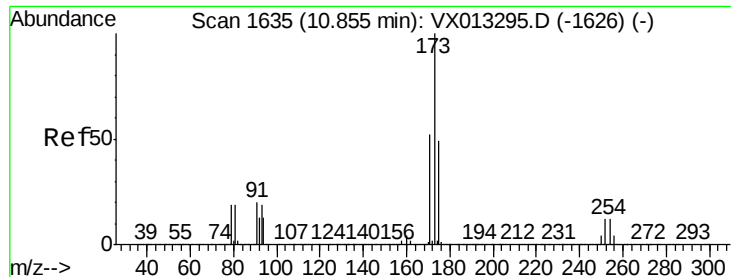
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#70
Styrene
Concen: 54.041 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	40.0	60.0
103	54.8	44.1	66.1





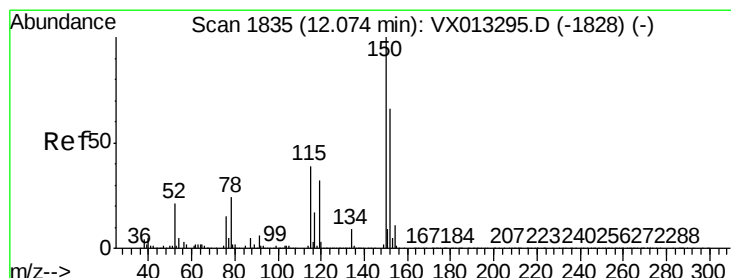
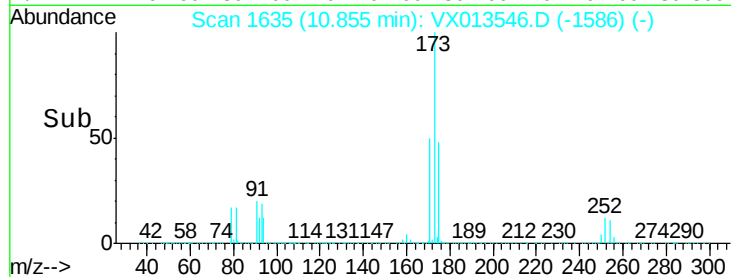
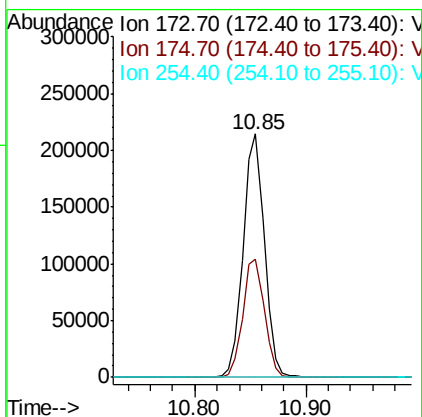
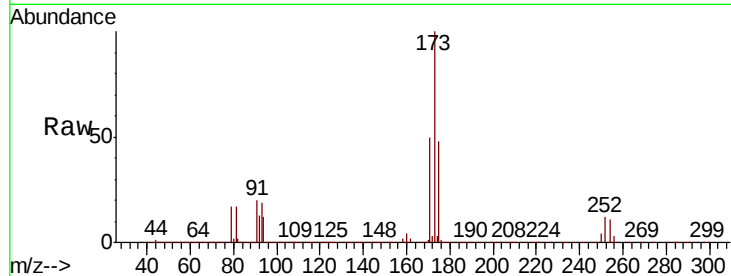
#71
Bromoform
Concen: 48.017 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.8	74.4
254	0.1	0.2	0.2

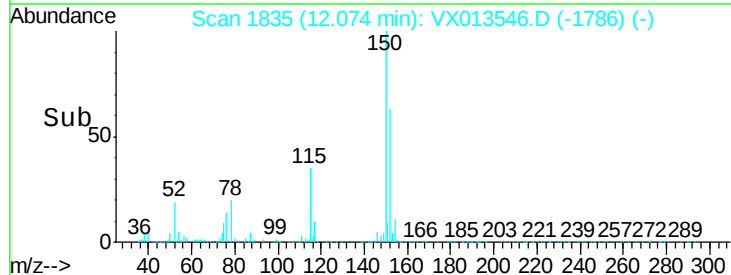
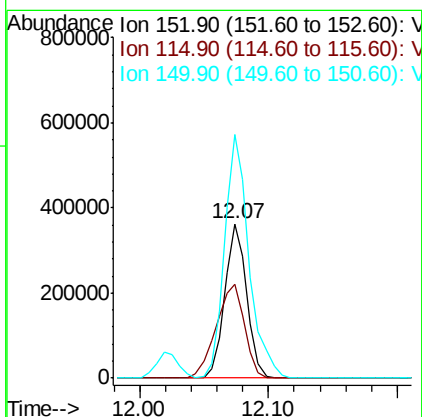
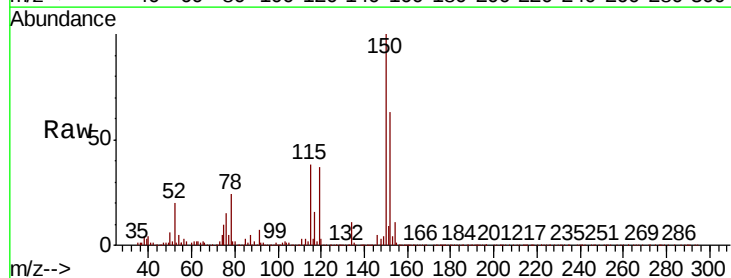
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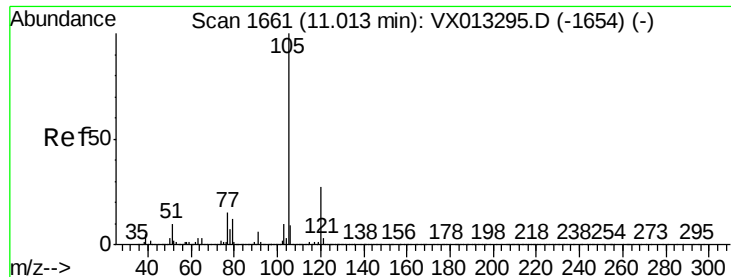
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.0	39.5	118.3
150	175.8	0.0	344.4





#73

Isopropylbenzene

Concen: 53.847 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1543463

Ion Ratio Lower Upper

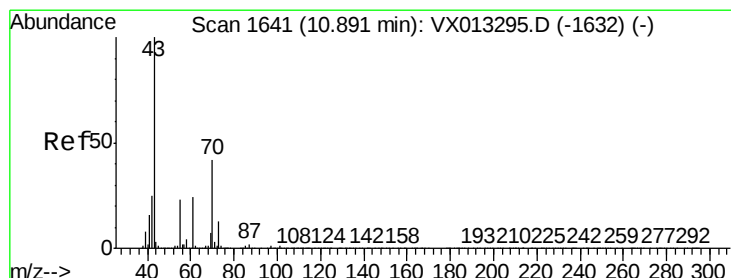
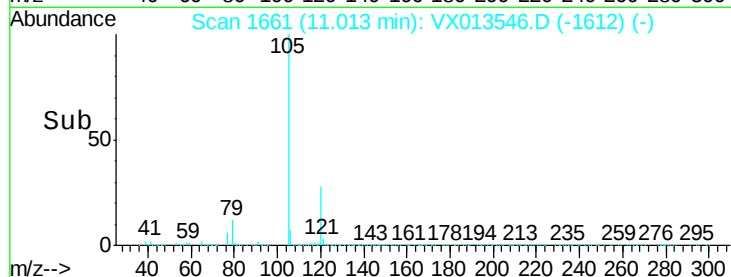
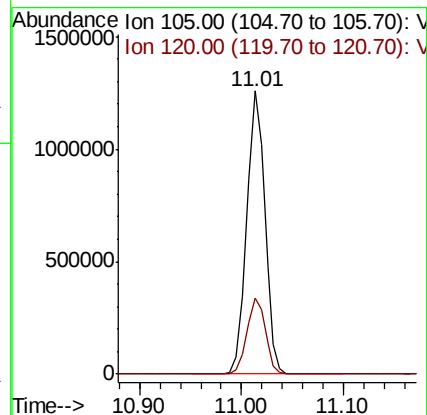
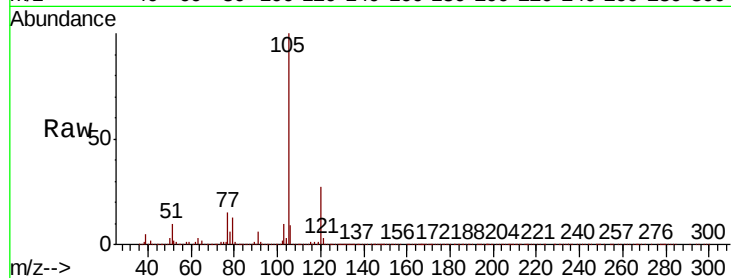
105 100

120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 57.038 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion: 43 Resp: 758148

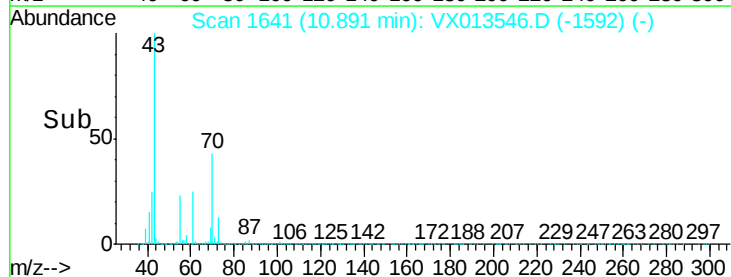
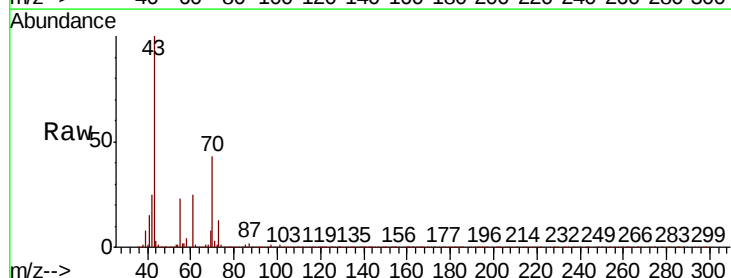
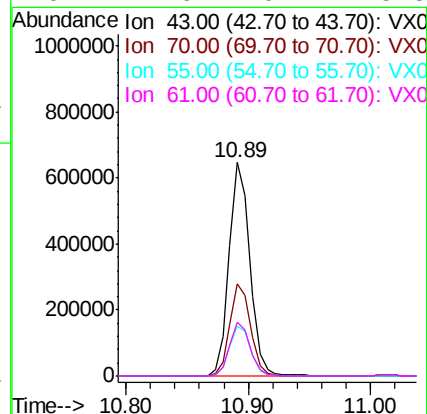
Ion Ratio Lower Upper

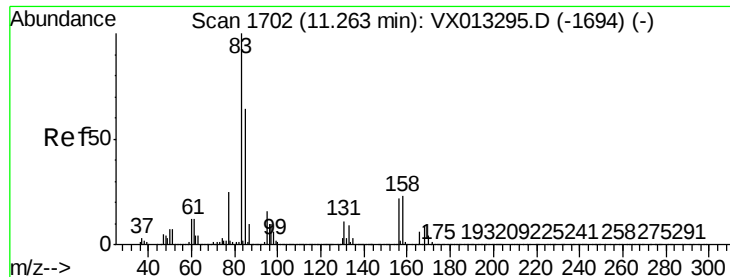
43 100

70 43.0 34.1 51.1

55 24.0 18.9 28.3

61 24.6 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.574 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 528848

Ion Ratio Lower Upper

83 100

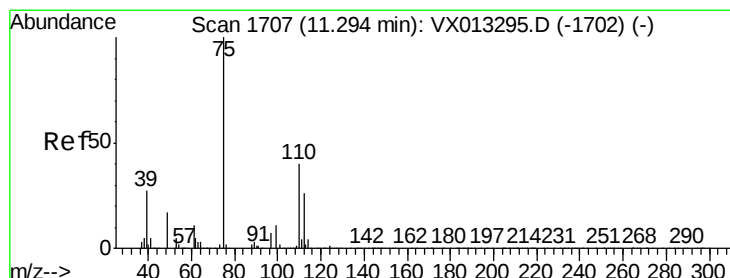
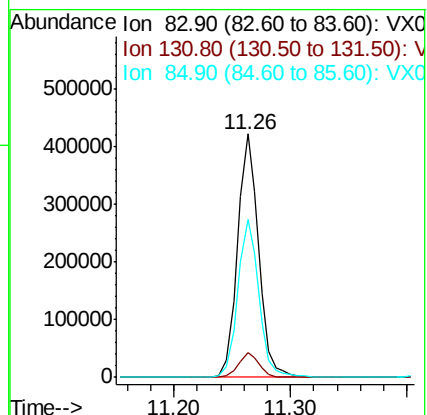
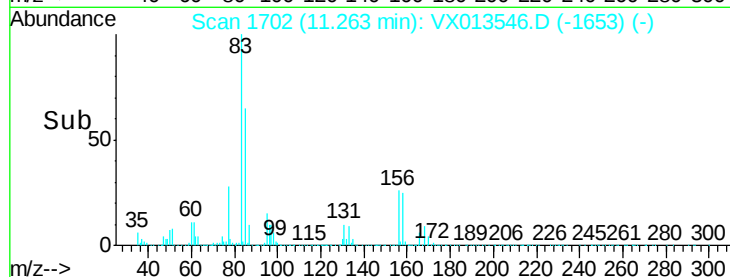
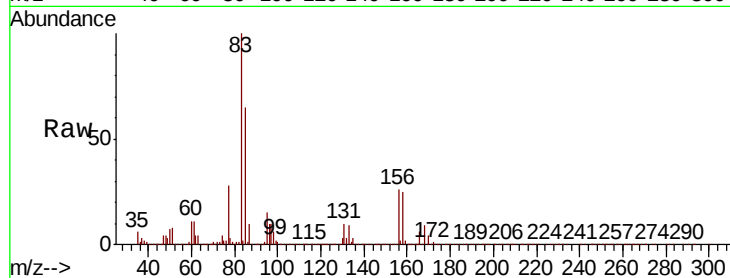
131 10.0 5.1 15.3

85 65.1 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 50.393 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013546.D

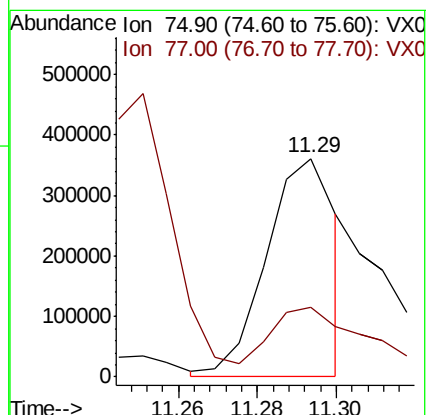
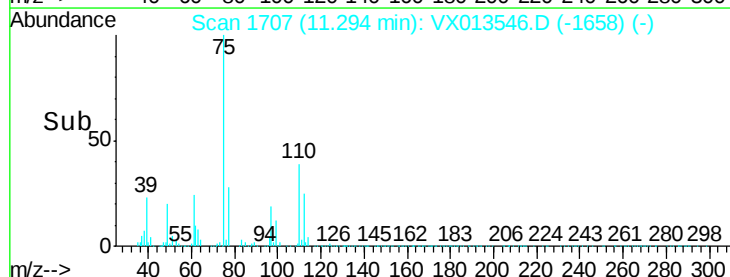
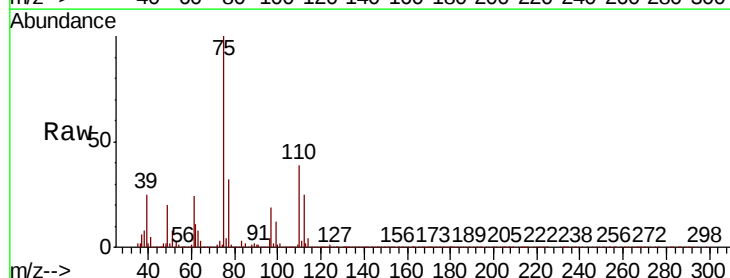
Acq: 22 Nov 2019 20:14

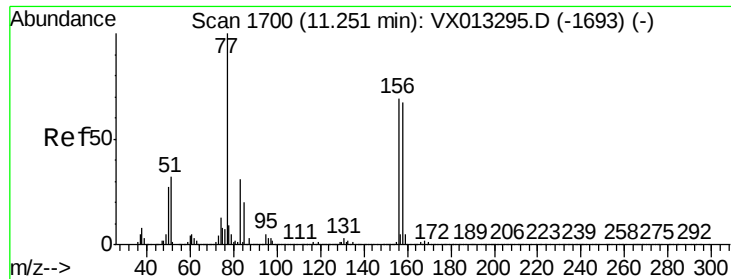
Tgt Ion: 75 Resp: 442508

Ion Ratio Lower Upper

75 100

77 44.9 22.3 66.8





#77

Bromobenzene

Concen: 52.938 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

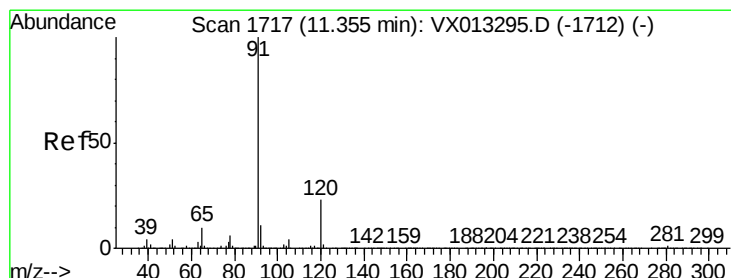
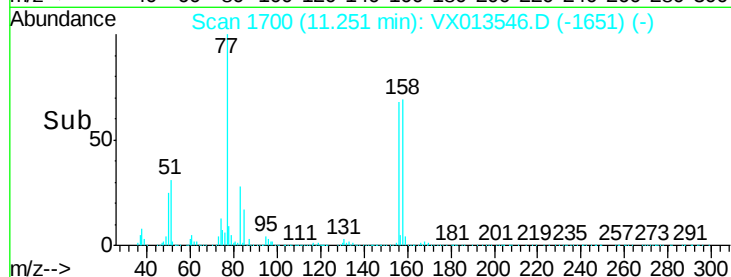
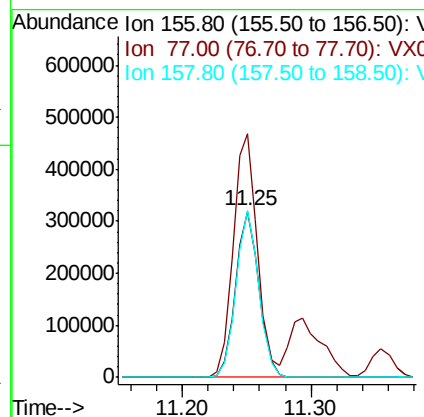
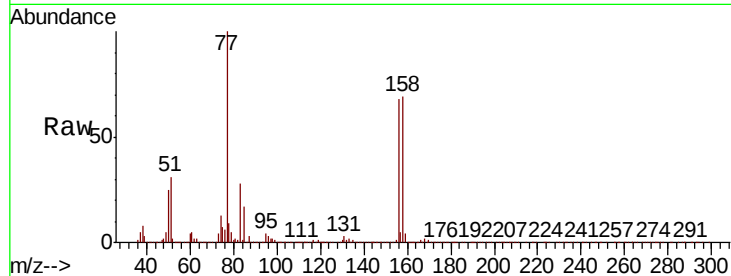
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	404521
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.8	227.4
158	98.5	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 53.889 ug/l

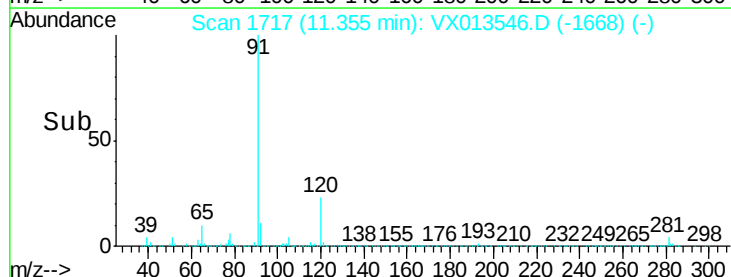
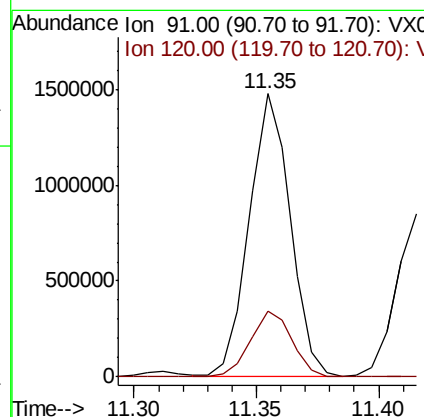
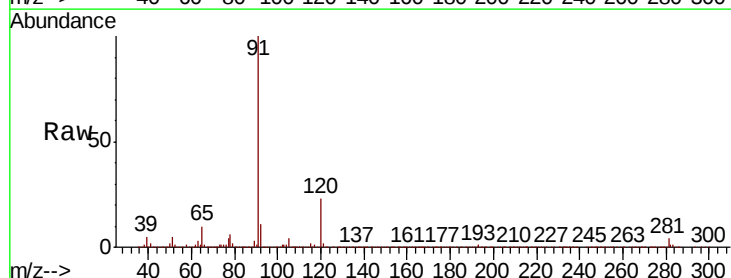
RT: 11.35 min Scan# 1717

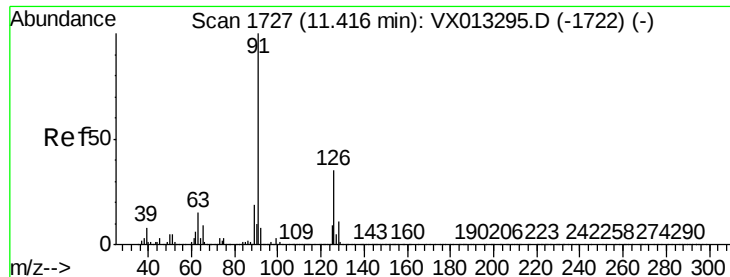
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	91	Resp:	1720678
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





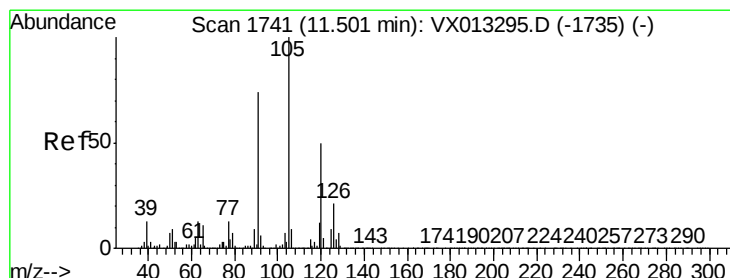
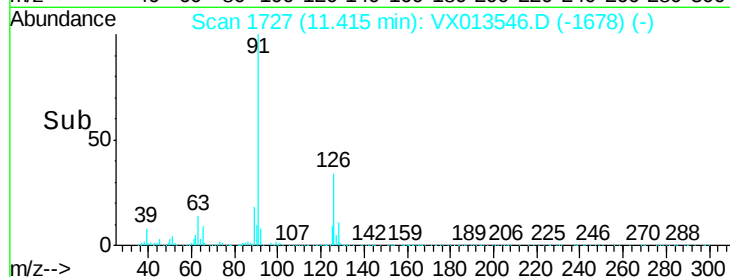
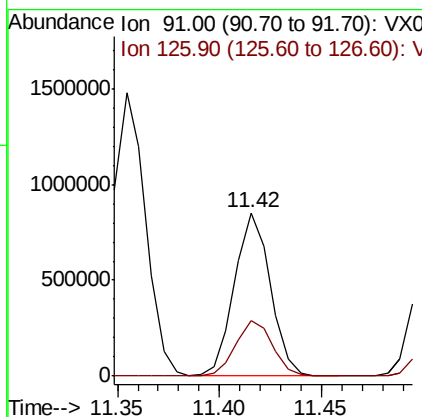
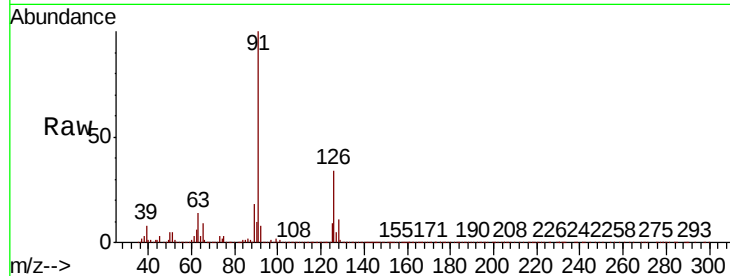
#79
 2-Chlorotoluene
 Concen: 53.886 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1036640
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0

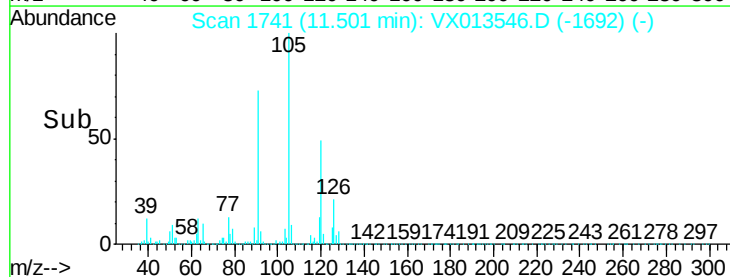
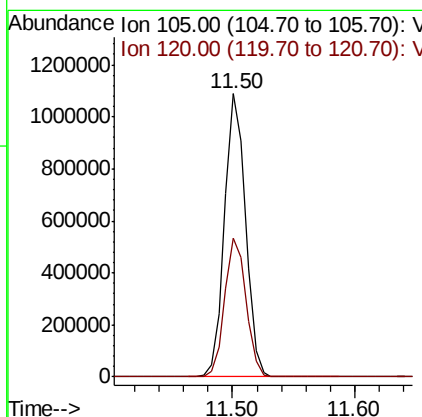
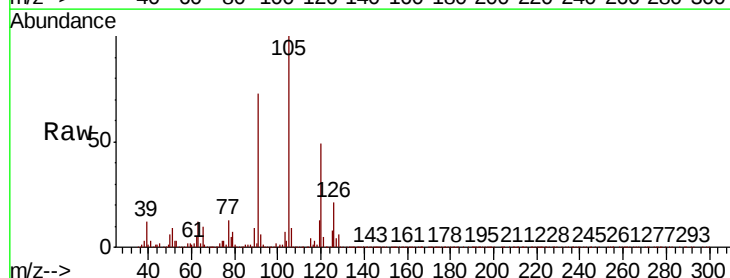
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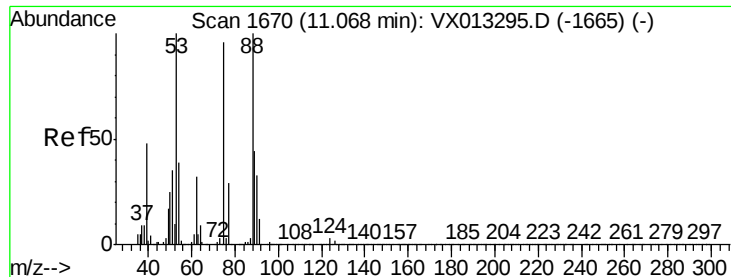
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.252 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion: 105 Resp: 1295296
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.8





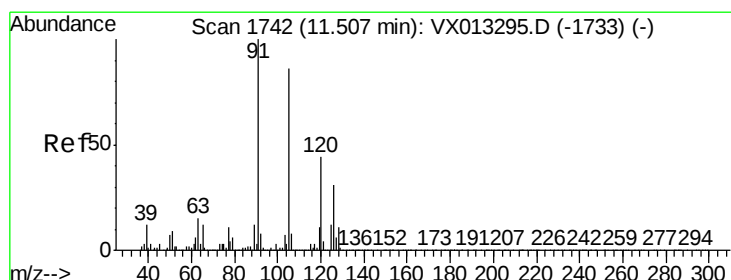
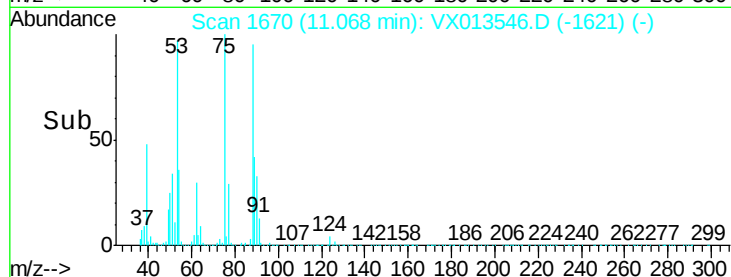
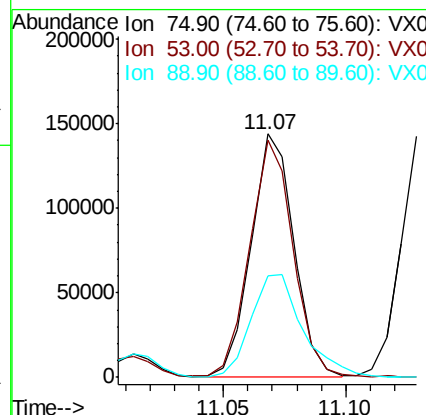
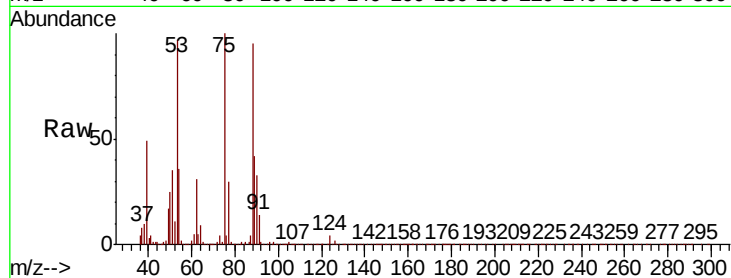
#81
trans-1,4-Dichloro-2-butene
Concen: 51.330 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.0	121.6
89	51.9	36.0	54.0

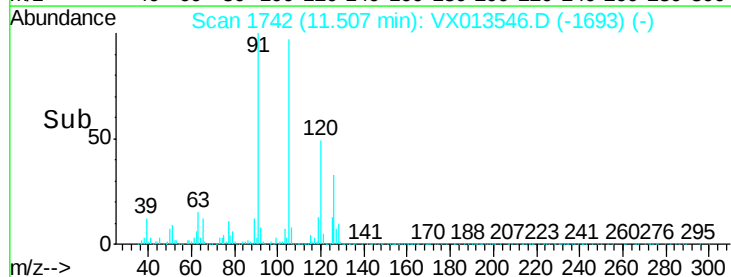
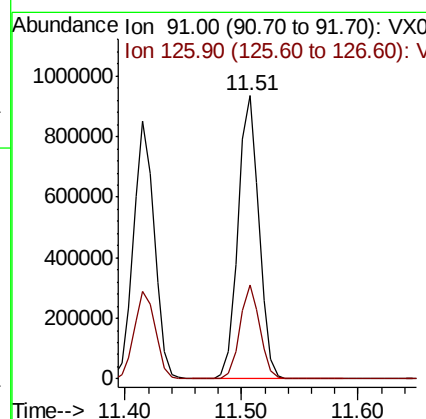
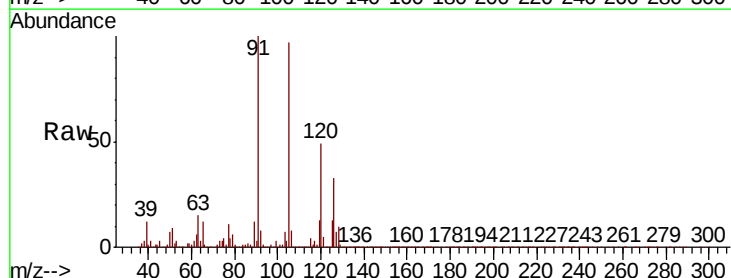
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#82
4-Chlorotoluene
Concen: 52.092 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.3	45.8





#83

tert-Butylbenzene

Concen: 46.992 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

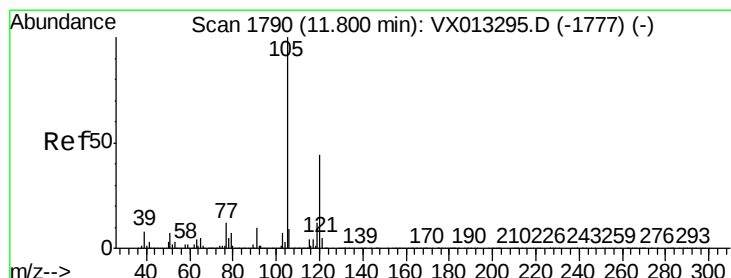
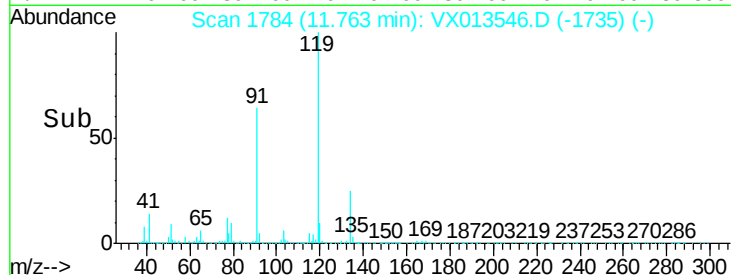
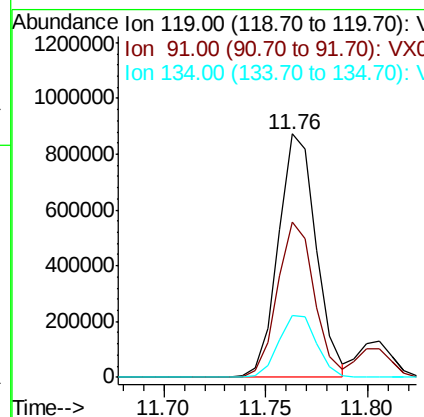
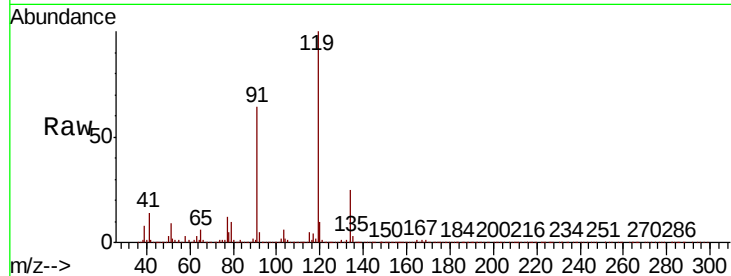
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1129414
Ion	Ratio	Lower	Upper
119	100		
91	62.4	26.9	80.7
134	25.7	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 54.710 ug/l

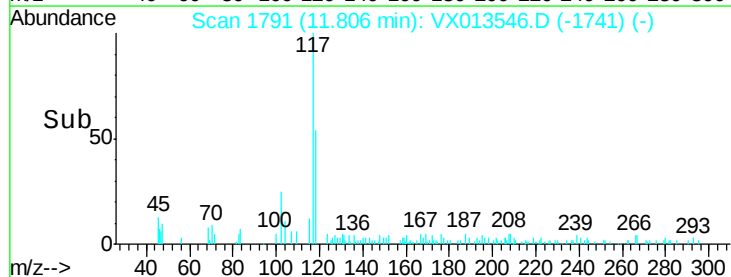
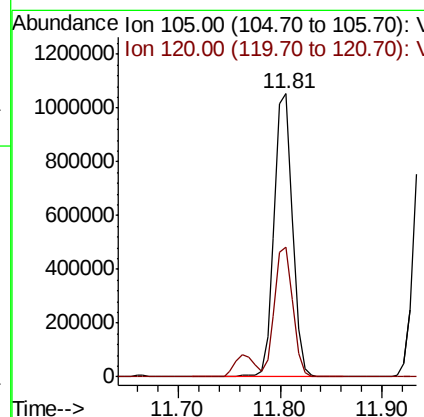
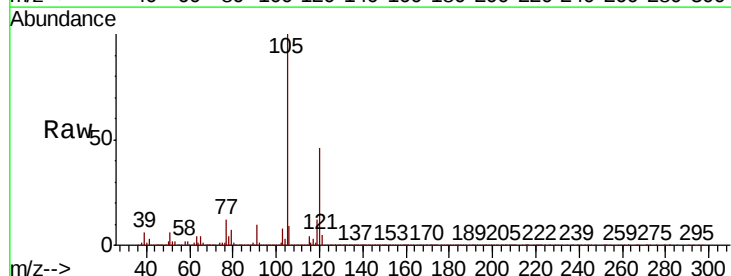
RT: 11.81 min Scan# 1791

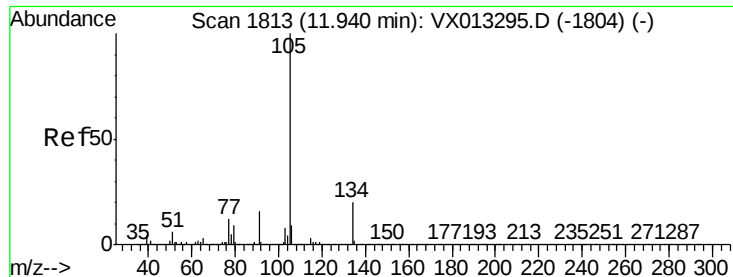
Delta R.T. 0.01 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	105	Resp:	1310344
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.7	68.1





#85

sec-Butylbenzene

Concen: 54.343 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1501072

Ion Ratio Lower Upper

105 100

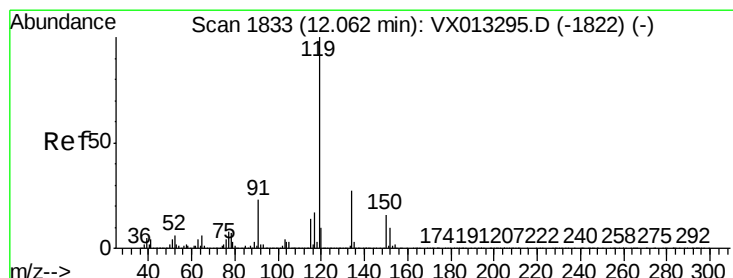
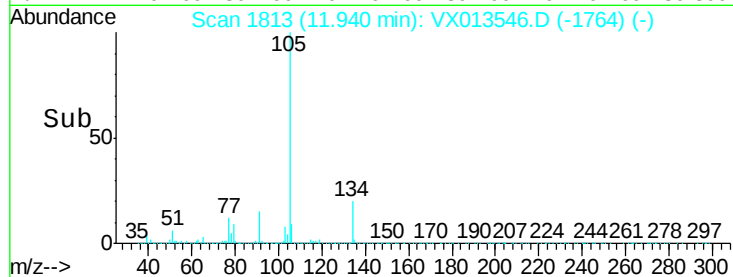
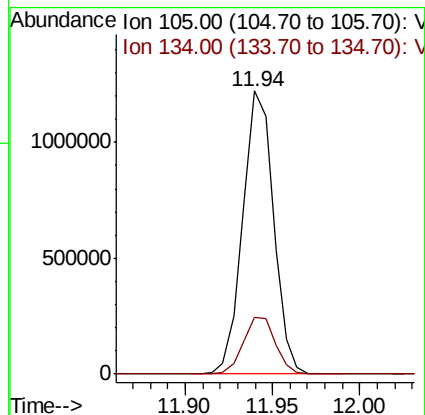
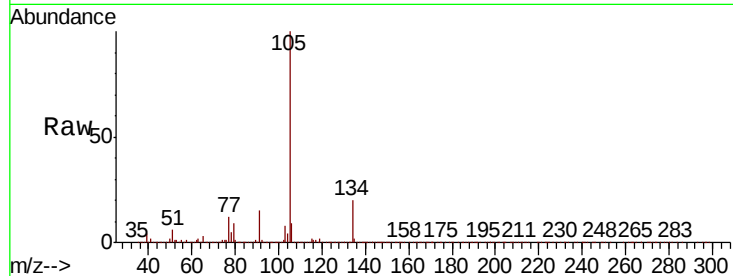
134 20.9 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 54.546 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

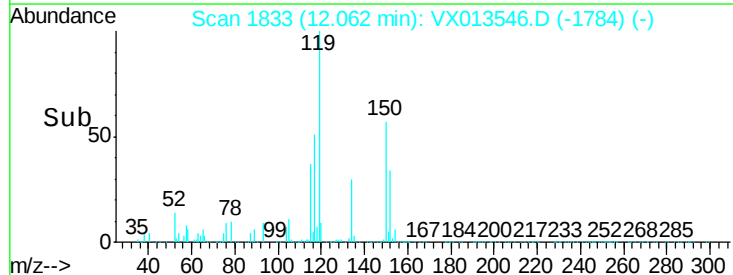
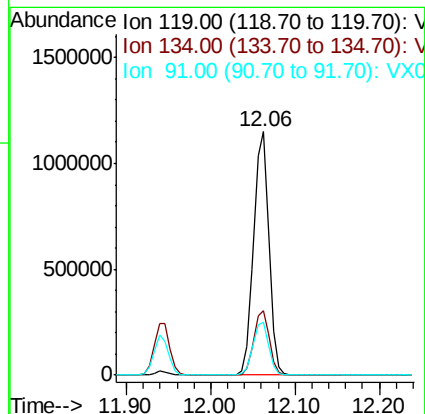
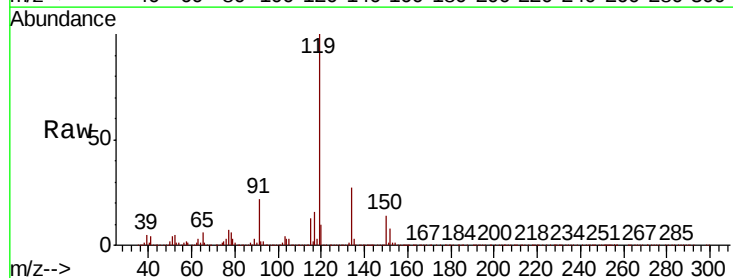
Tgt Ion:119 Resp: 1387395

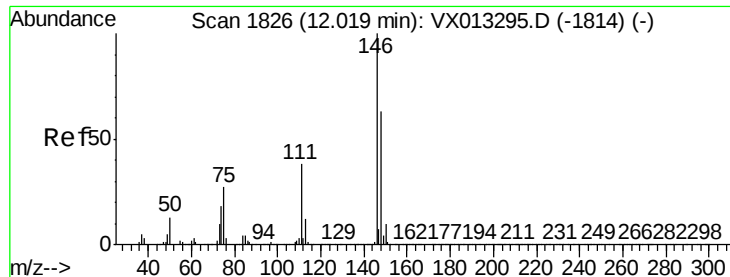
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.2 11.5 34.4





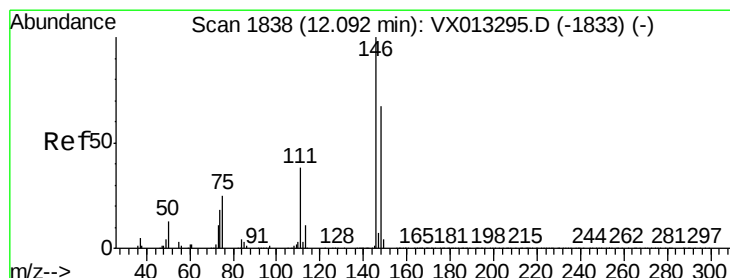
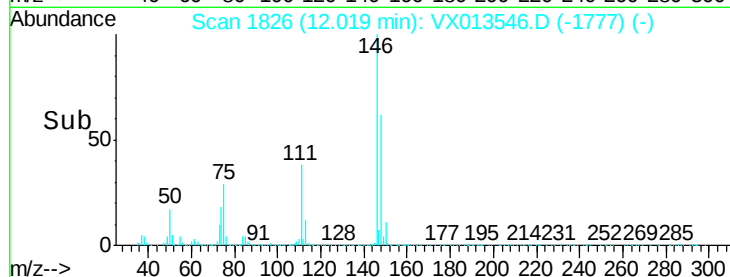
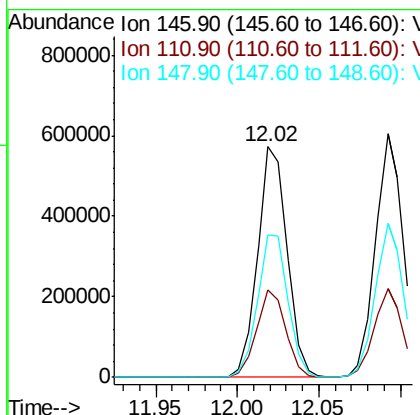
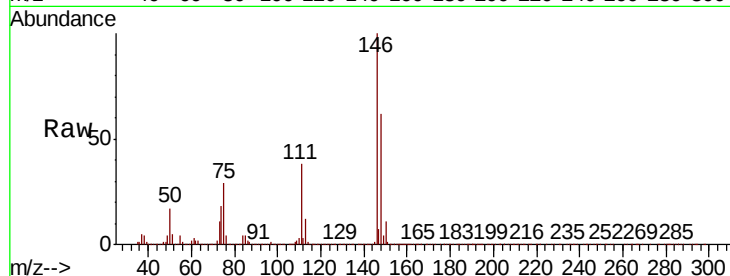
#87
 1,3-Dichlorobenzene
 Concen: 52.854 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	63.6	31.9	95.7

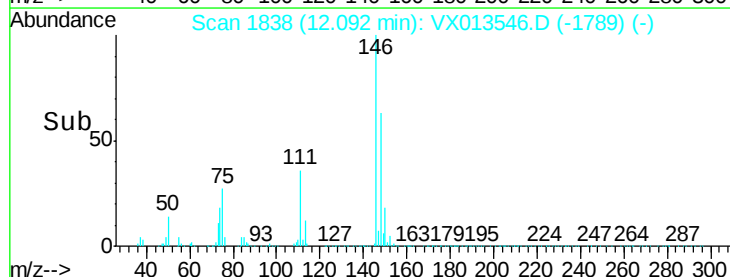
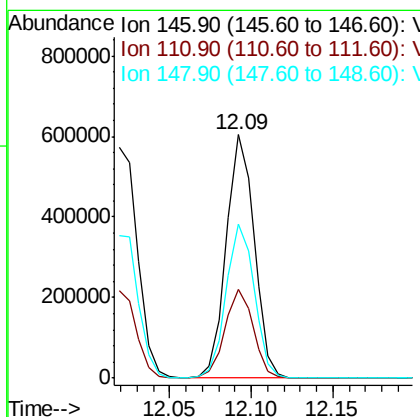
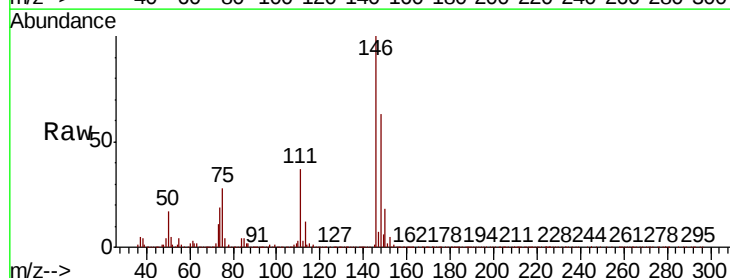
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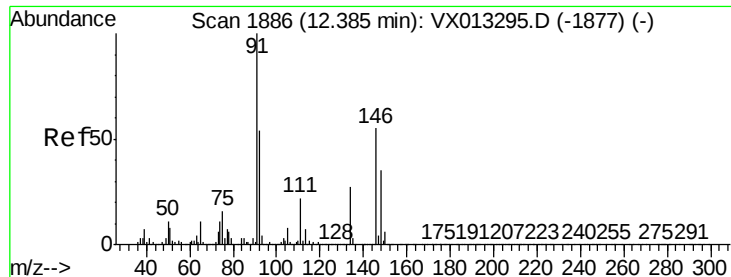
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#88
 1,4-Dichlorobenzene
 Concen: 51.955 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.4
148	63.7	32.4	97.0





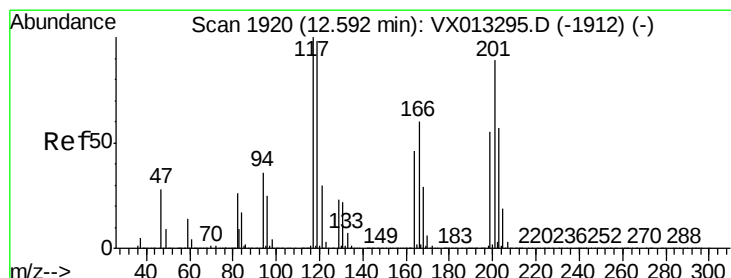
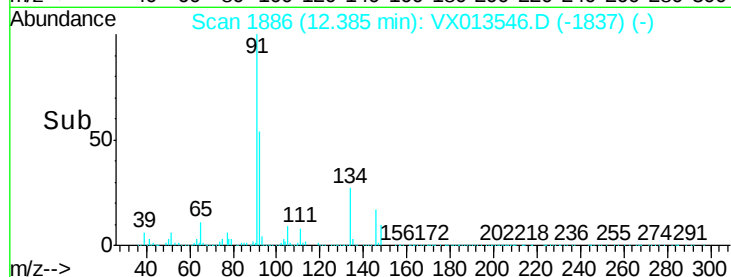
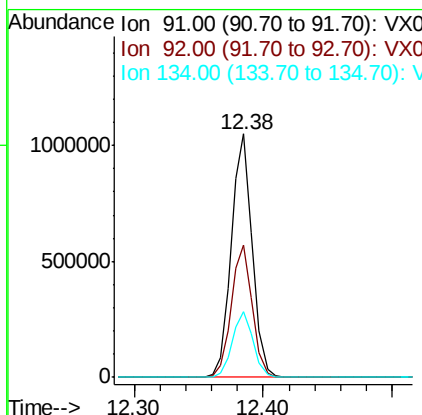
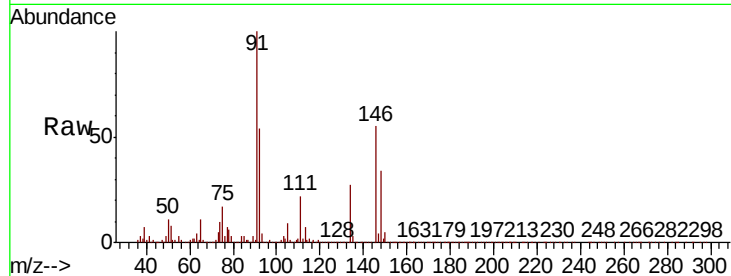
#89
n-Butylbenzene
Concen: 53.720 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.3	81.8
134	26.9	13.5	40.5

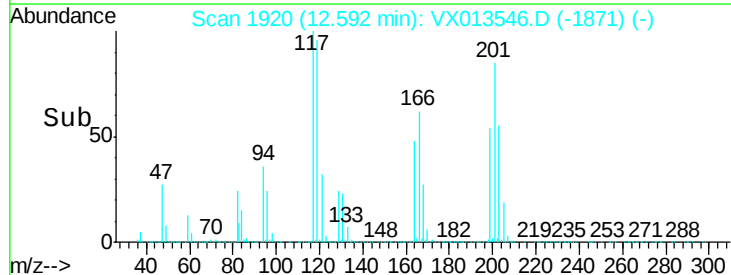
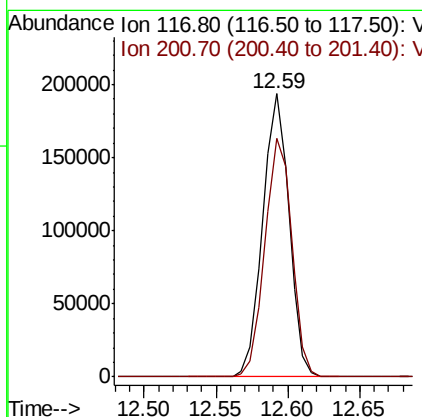
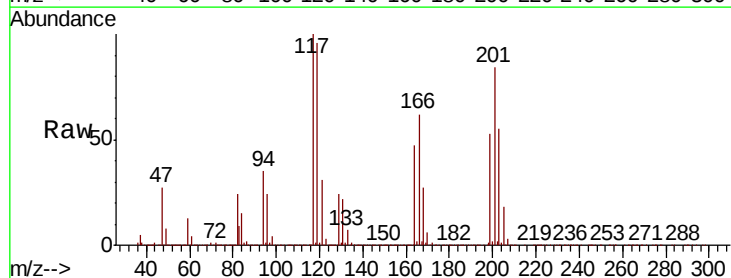
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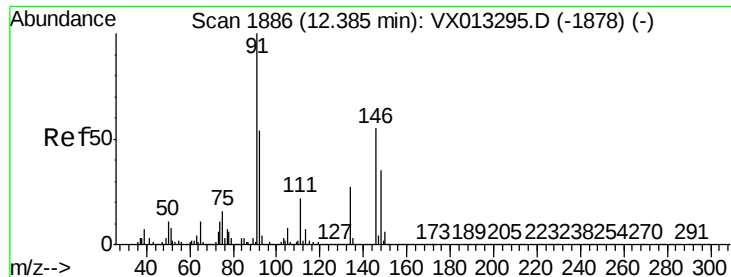
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#90
Hexachloroethane
Concen: 53.937 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 53.874 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Instrument :

MSVOA_X

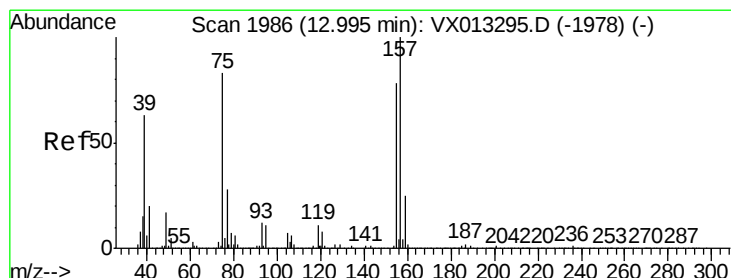
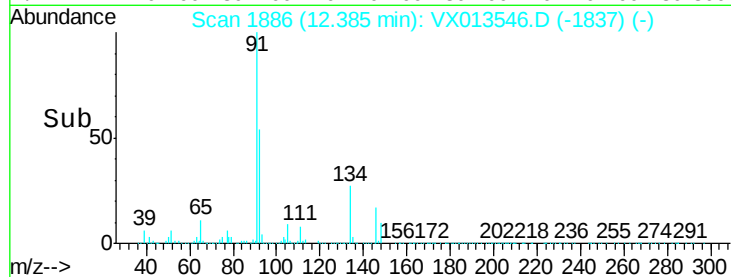
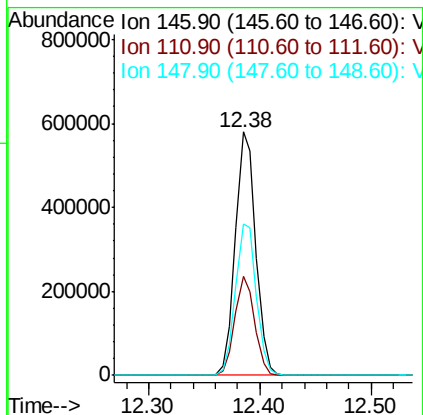
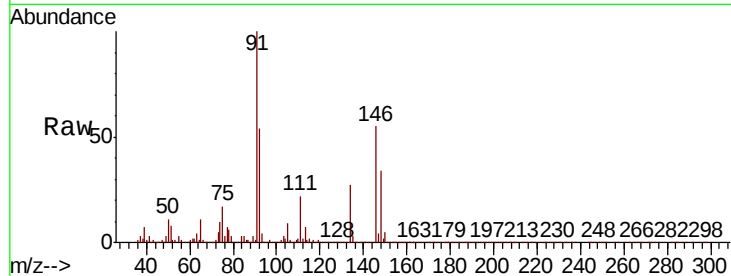
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	733517
Ion Ratio	Lower	Upper	
146	100		
111	39.8	20.1	60.2
148	63.8	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.309 ug/l

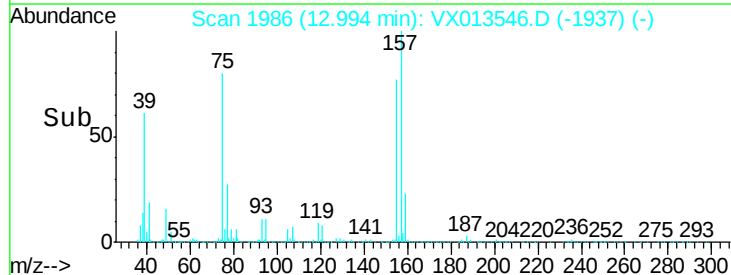
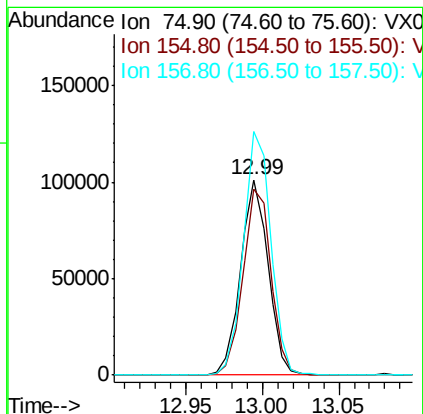
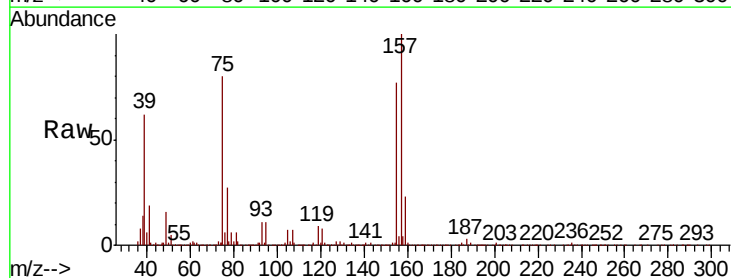
RT: 12.99 min Scan# 1886

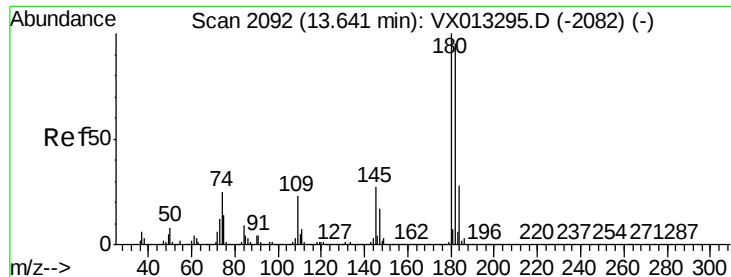
Delta R.T. -0.00 min

Lab File: VX013546.D

Acq: 22 Nov 2019 20:14

Tgt Ion:	75	Resp:	125623
Ion Ratio	Lower	Upper	
75	100		
155	97.9	47.1	141.4
157	126.1	61.3	183.8





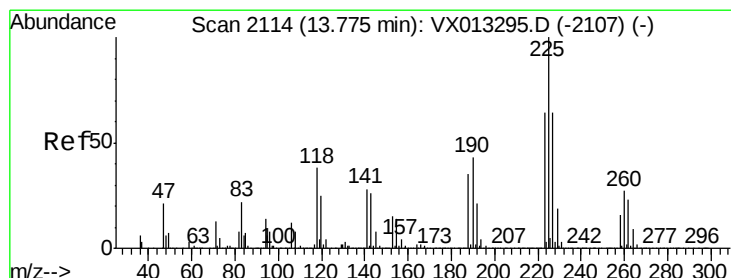
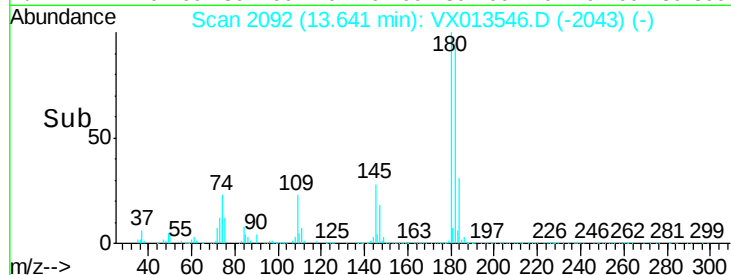
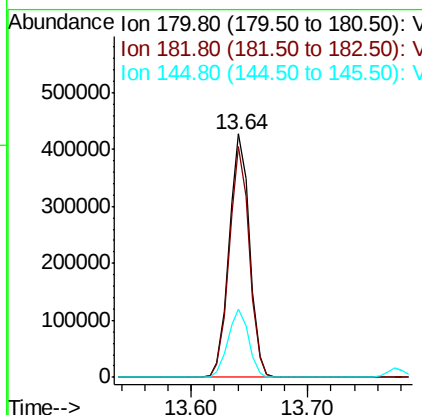
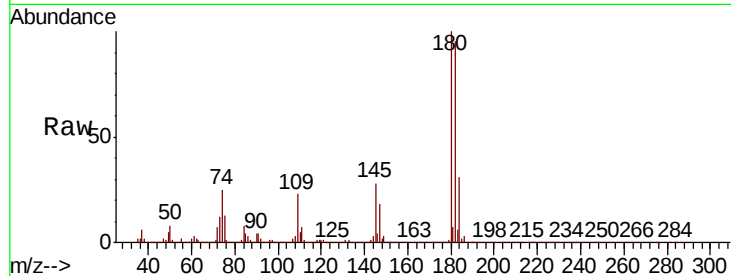
#93
 1,2,4-Trichlorobenzene
 Concen: 54.892 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	521332		
182	92.9	48.4	145.0	
145	28.2	14.1	42.4	

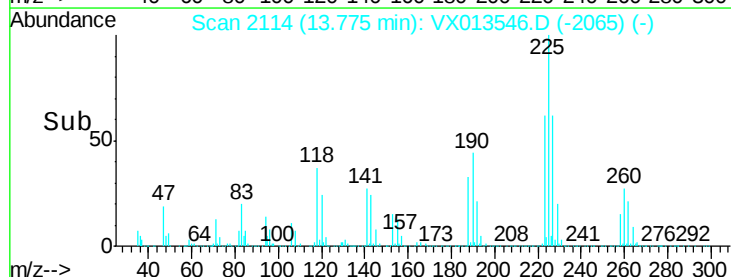
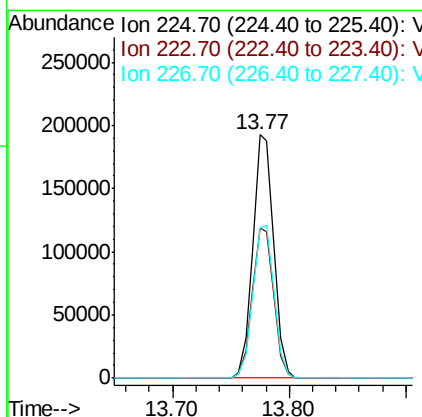
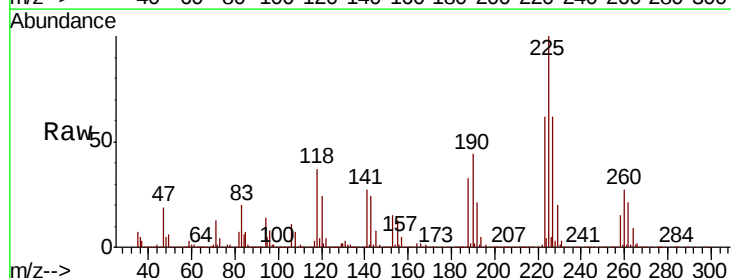
Manual Integrations
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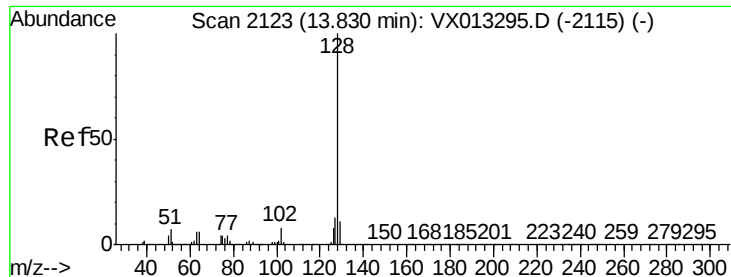
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#94
 Hexachlorobutadiene
 Concen: 51.637 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013546.D
 Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	239928		
223	63.1	31.9	95.7	
227	63.9	31.9	95.9	





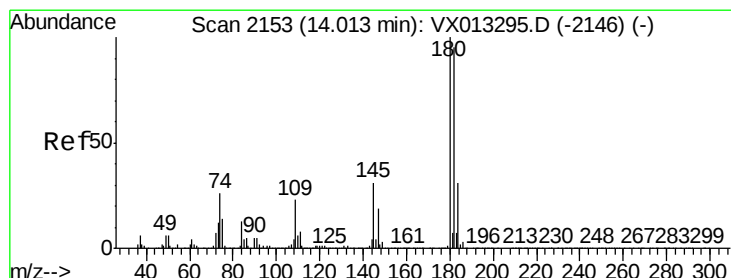
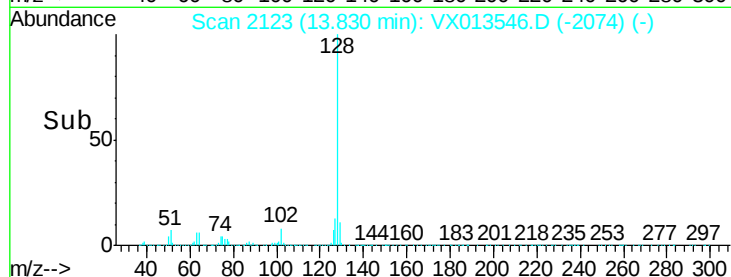
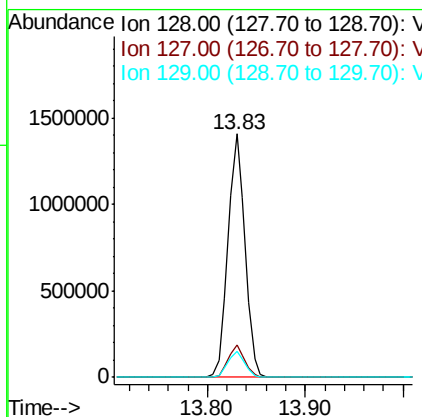
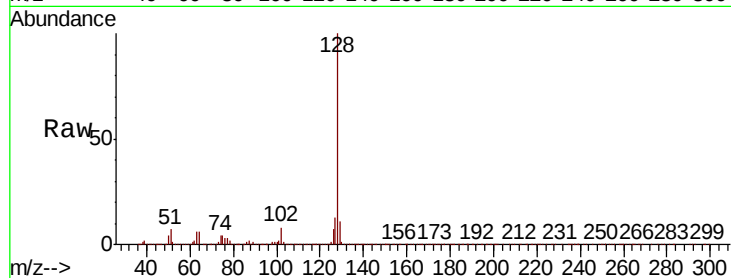
#95
Naphthalene
Concen: 57.105 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/25/2019 5:21:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.730 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013546.D
Acq: 22 Nov 2019 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	30.4	15.4	46.4

