

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103119\
 Data File : VX013298.D
 Acq On : 31 Oct 2019 18:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:41:23 PM

Quant Time: Nov 02 06:11:37 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	732728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1115602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1006064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	518950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	426558	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	348939	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	1330203	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	471101	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	439104	52.011	ug/l	99
3) Chloromethane	1.31	50	465629	50.859	ug/l	99
4) Vinyl Chloride	1.40	62	543424	52.137	ug/l	100
5) Bromomethane	1.62	94	378804	52.152	ug/l	99
6) Chloroethane	1.71	64	296758	49.802	ug/l	99
7) Trichlorofluoromethane	1.92	101	604224	49.067	ug/l	99
8) Diethyl Ether	2.17	74	266493	48.938	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	344842	50.243	ug/l	99
10) Methyl Iodide	2.50	142	422971	49.775	ug/l	99
11) Tert butyl alcohol	3.03	59	528713	231.084	ug/l	99
12) 1,1-Dichloroethene	2.36	96	344248	51.218	ug/l	98
13) Acrolein	2.28	56	316333	255.105	ug/l	96
14) Allyl chloride	2.72	41	622440	50.969	ug/l	99
15) Acrylonitrile	3.13	53	1110364	259.806	ug/l	98
16) Acetone	2.43	43	1041330	240.503	ug/l	97
17) Carbon Disulfide	2.56	76	964993	53.642	ug/l	100
18) Methyl Acetate	2.76	43	615374	51.480	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1155055	51.525	ug/l	98
20) Methylene Chloride	2.84	84	382048	47.757	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	367118	50.166	ug/l	97
22) Diisopropyl ether	3.84	45	1208946	51.277	ug/l	98
23) Vinyl Acetate	3.80	43	5231659	259.318	ug/l	100
24) 1,1-Dichloroethane	3.69	63	664931	50.415	ug/l	99
25) 2-Butanone	4.66	43	1604421	252.590	ug/l	100
26) 2,2-Dichloropropane	4.57	77	523590	49.902	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	415811	50.722	ug/l	100
28) Bromochloromethane	5.00	49	191461	51.127	ug/l	98
29) Tetrahydrofuran	5.12	42	1016018	259.567	ug/l	99
30) Chloroform	5.20	83	655893	50.362	ug/l	97
31) Cyclohexane	5.57	56	598582	50.437	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	576467	51.434	ug/l	99
36) 1,1-Dichloropropene	5.79	75	496991	51.930	ug/l	99
37) Ethyl Acetate	4.82	43	610760	51.646	ug/l	100
38) Carbon Tetrachloride	5.78	117	495461	52.941	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	609268	51.091	ug/l	99
40) Benzene	6.13	78	1496582	50.201	ug/l	100
41) Methacrylonitrile	5.03	41	333823	50.362	ug/l	99
42) 1,2-Dichloroethane	6.18	62	552532	51.383	ug/l	99
43) Isopropyl Acetate	6.44	43	959041	52.079	ug/l	99
44) Trichloroethene	7.20	130	410148	49.981	ug/l	99
45) 1,2-Dichloropropane	7.51	63	384798	50.659	ug/l	100
46) Dibromomethane	7.65	93	258834	49.907	ug/l	98
47) Bromodichloromethane	7.89	83	508813	52.027	ug/l	96
48) Methyl methacrylate	7.76	41	483972	52.649	ug/l	98
49) 1,4-Dioxane	7.73	88	207785	987.030	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3099667	256.555	ug/l	100
52) Toluene	8.78	92	943320	51.053	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	579507	54.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	631439	52.785	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	385704	50.362	ug/l	97
56) Ethyl methacrylate	9.17	69	636189	48.700	ug/l	99
57) 1,3-Dichloropropane	9.37	76	648980	49.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1400210	267.391	ug/l	99
59) 2-Hexanone	9.48	43	2426155	259.854	ug/l	100
60) Dibromochloromethane	9.58	129	420276	53.657	ug/l	99
61) 1,2-Dibromoethane	9.67	107	415297	51.067	ug/l	99
64) Tetrachloroethene	9.33	164	359387	49.900	ug/l	99
65) Chlorobenzene	10.14	112	1016525	49.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	387682	51.838	ug/l	98
67) Ethyl Benzene	10.25	91	1808514	51.446	ug/l	99
68) m/p-Xylenes	10.36	106	1369905	103.041	ug/l	99
69) o-Xylene	10.70	106	673674	51.758	ug/l	99
70) Styrene	10.71	104	1156627	53.159	ug/l	100
71) Bromoform	10.85	173	330732	47.843	ug/l #	99
73) Isopropylbenzene	11.01	105	1779453	51.718	ug/l	100
74) N-amyl acetate	10.89	43	868847	54.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	629510	50.151	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	503662m	47.783	ug/l	
77) Bromobenzene	11.25	156	468866	51.116	ug/l	98
78) n-propylbenzene	11.35	91	2016166	52.604	ug/l	99
79) 2-Chlorotoluene	11.42	91	1184099	51.277	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1499080	52.307	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	214126	52.289	ug/l	98
82) 4-Chlorotoluene	11.51	91	1376882	50.936	ug/l	99
83) tert-Butylbenzene	11.77	119	1495458	51.836	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1496369	52.049	ug/l	98
85) sec-Butylbenzene	11.94	105	1738139	52.422	ug/l	99
86) p-Isopropyltoluene	12.06	119	1603361	52.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	825041	50.461	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	837212	50.258	ug/l	99
89) n-Butylbenzene	12.39	91	1409327	52.901	ug/l	100
90) Hexachloroethane	12.59	117	294907	54.212	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	830831	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	150616	49.251	ug/l	98

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	605364	53.100	ug/l	97
94) Hexachlorobutadiene	13.78	225	283161	50.769	ug/l	99
95) Naphthalene	13.83	128	1957248	54.720	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	597383	52.250	ug/l	99

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

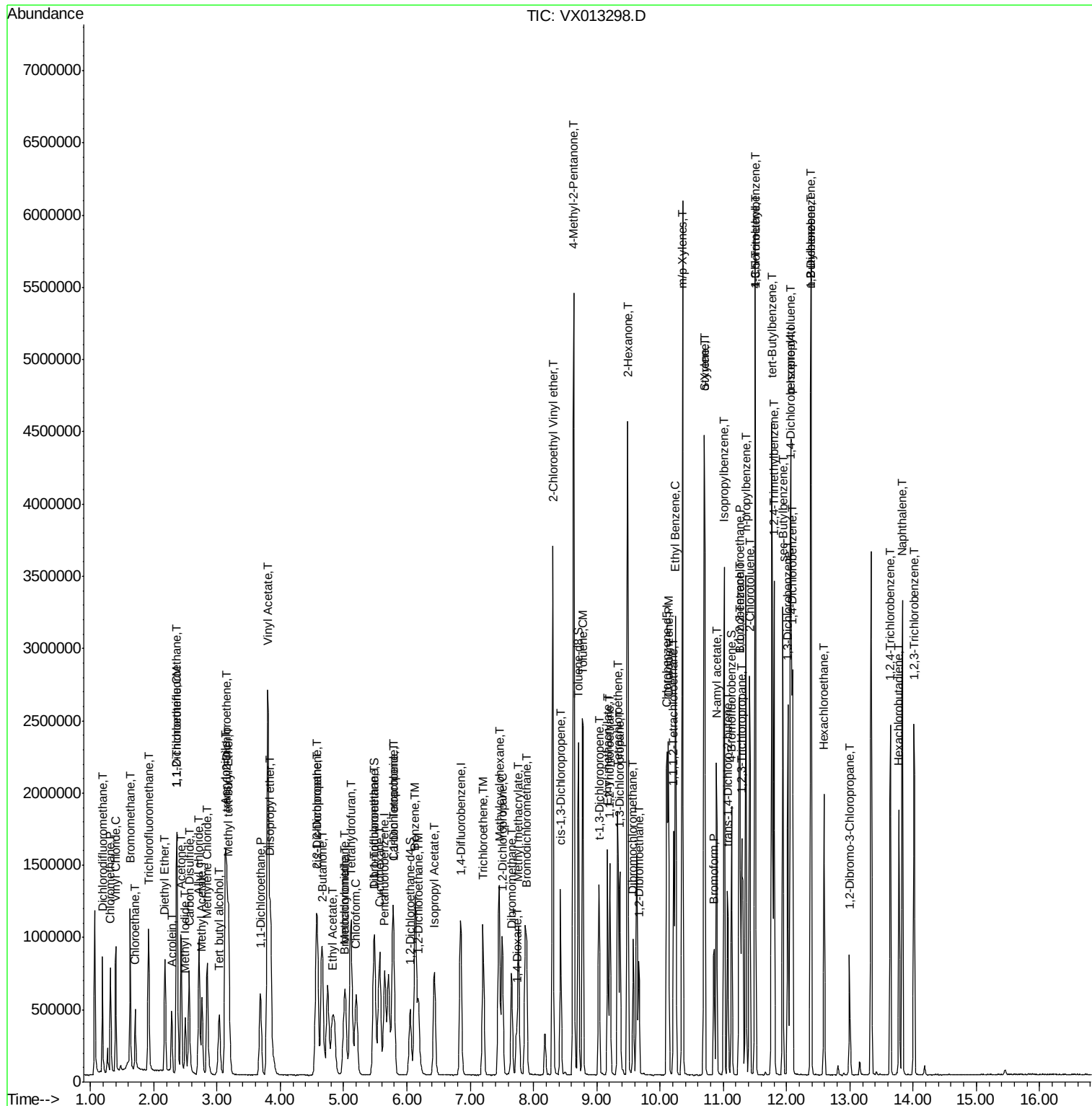
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103119\
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Acq On    : 31 Oct 2019   18:39
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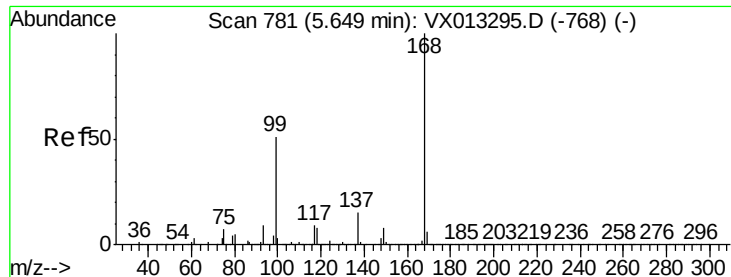
Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Manual Integrations APPROVED

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX103119

Tgt Ion: 168 Resp: 732728

Ion Ratio Lower Upper

168 100

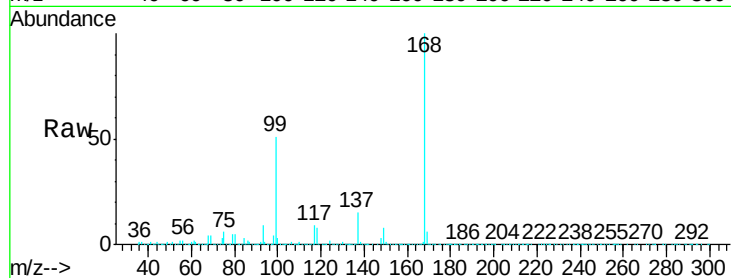
99 50.5 40.8 61.2

Manual Integrations

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11/4/2019 3:41:23 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

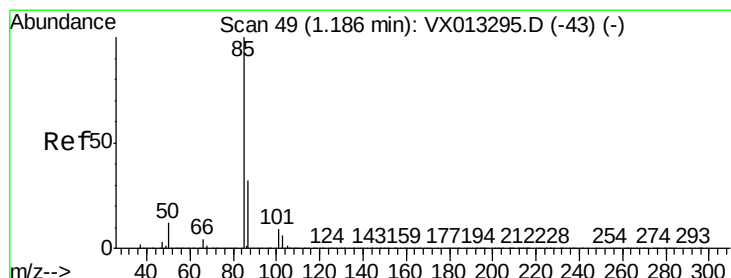
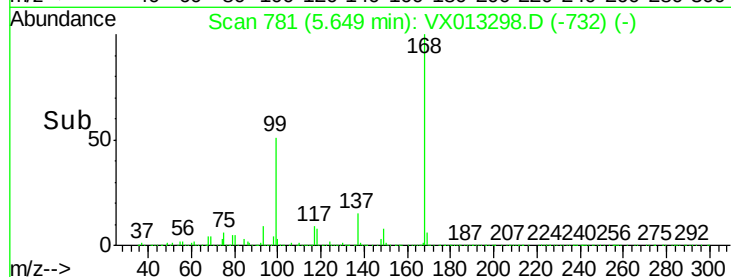
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.011 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013298.D

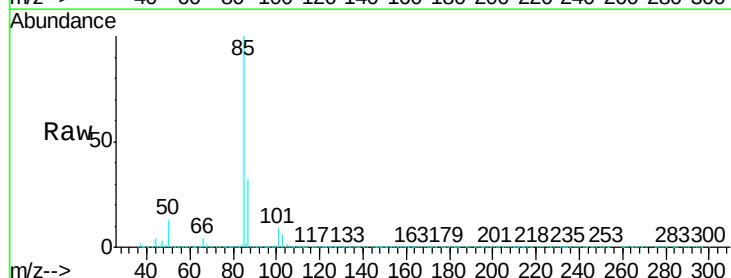
Acq: 31 Oct 2019 18:39

Tgt Ion: 85 Resp: 439104

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

500000

400000

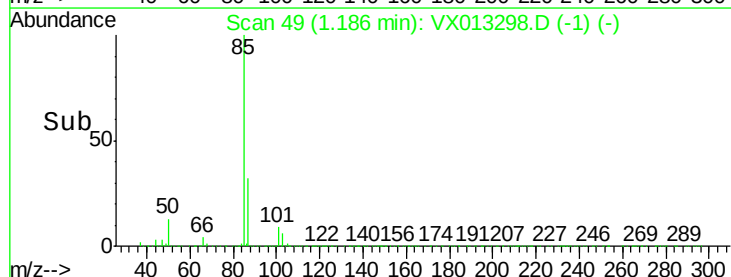
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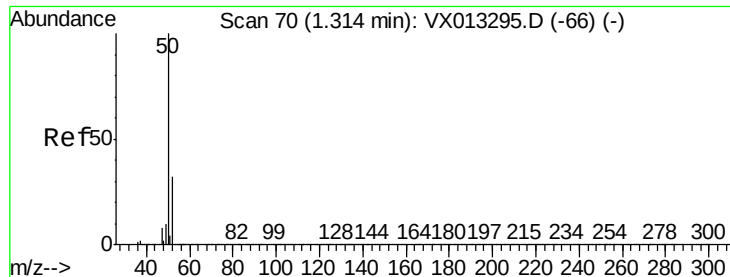
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.859 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 50 Resp: 465629

Ion Ratio Lower Upper

50 100

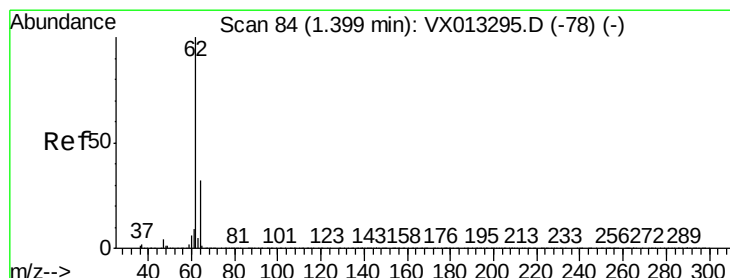
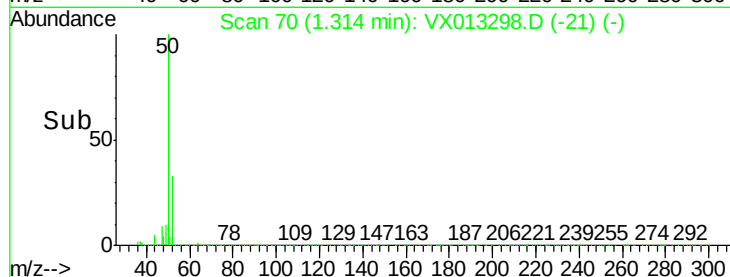
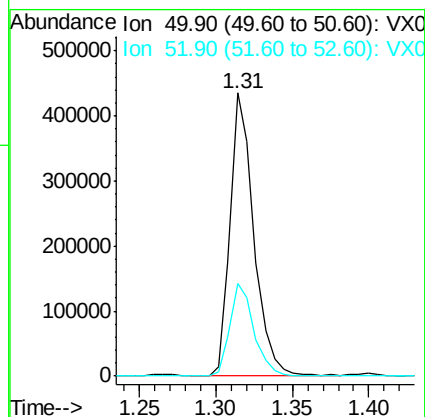
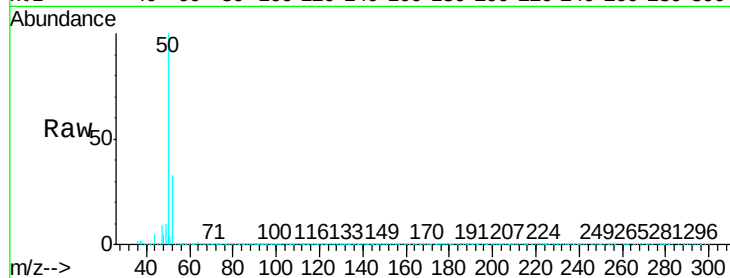
52 32.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.137 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013298.D

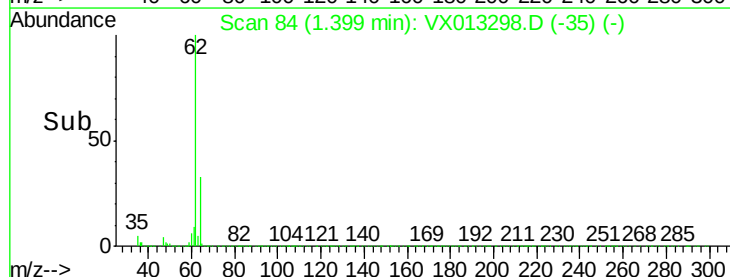
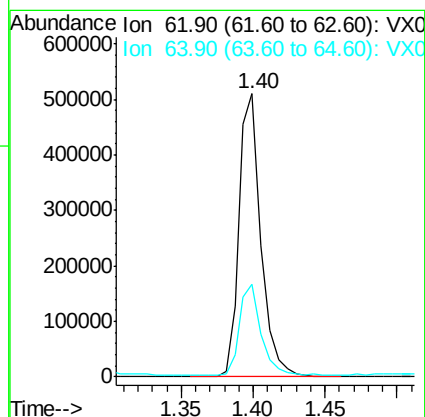
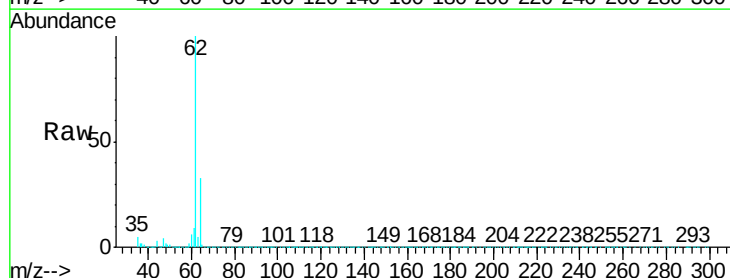
Acq: 31 Oct 2019 18:39

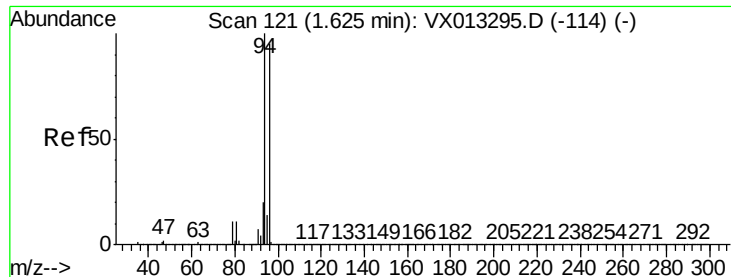
Tgt Ion: 62 Resp: 543424

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 52.152 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 94 Resp: 378804

Ion Ratio Lower Upper

94 100

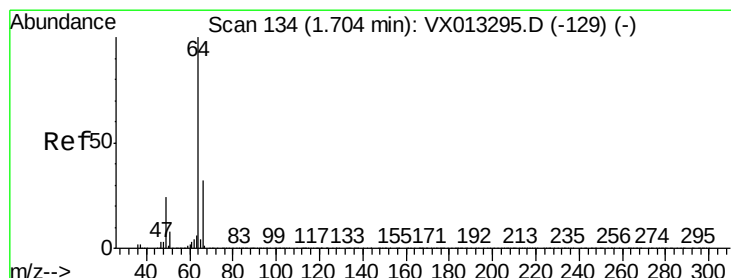
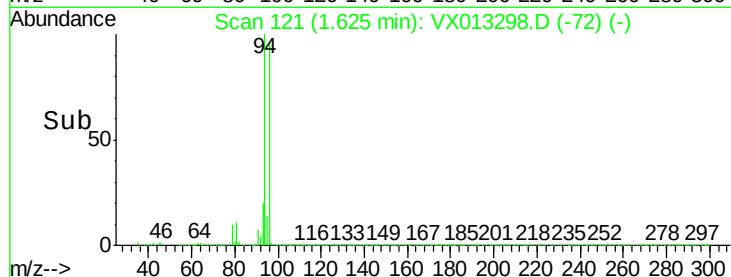
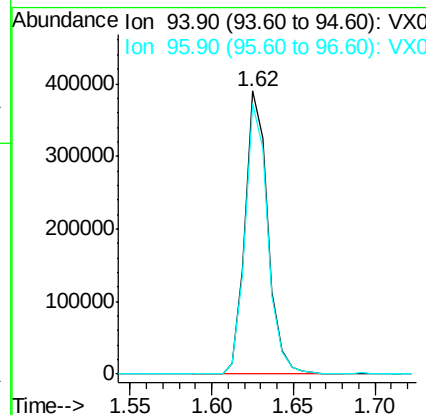
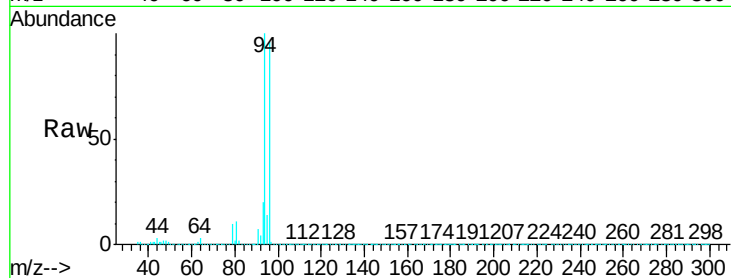
96 95.8 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 49.802 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013298.D

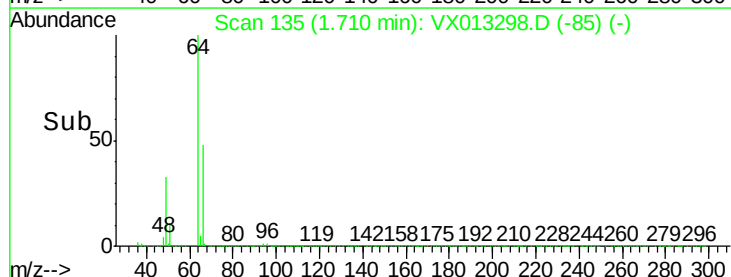
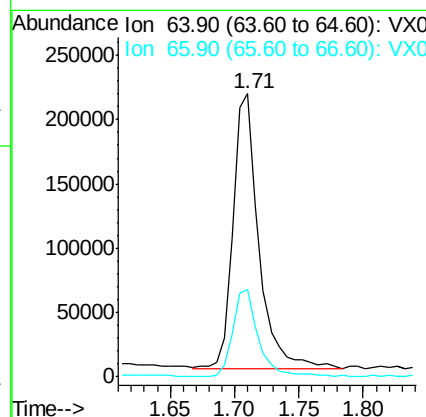
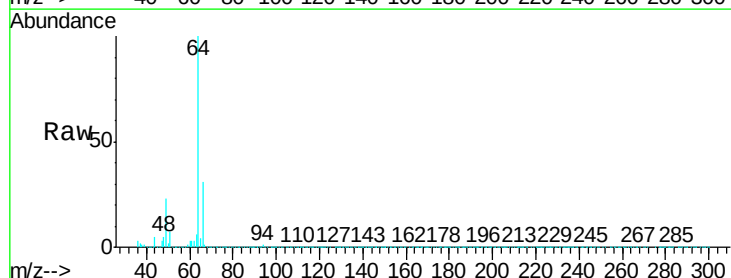
Acq: 31 Oct 2019 18:39

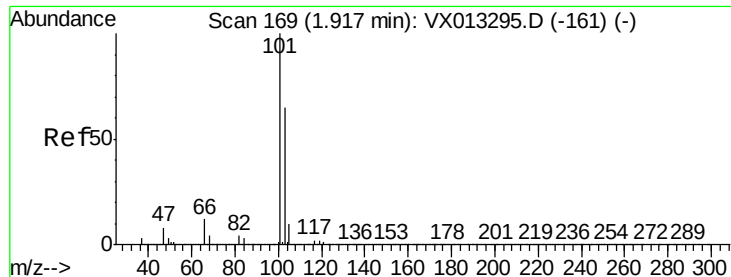
Tgt Ion: 64 Resp: 296758

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4





#7

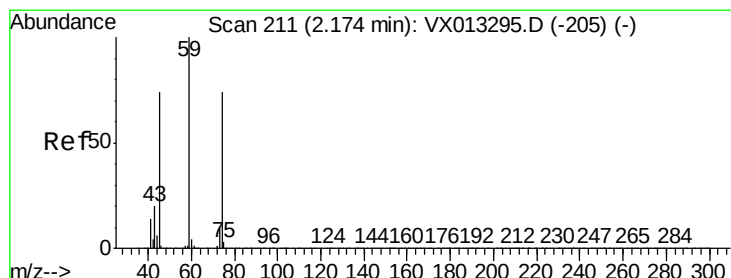
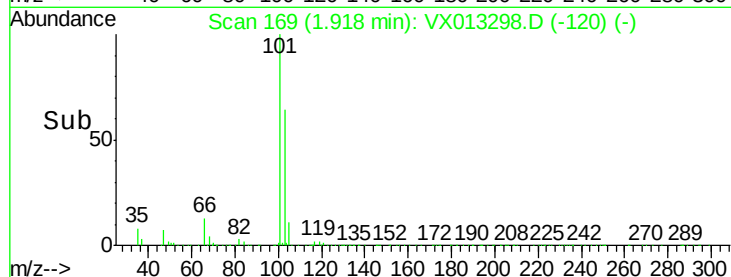
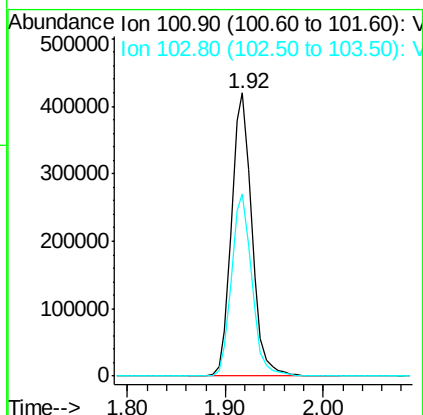
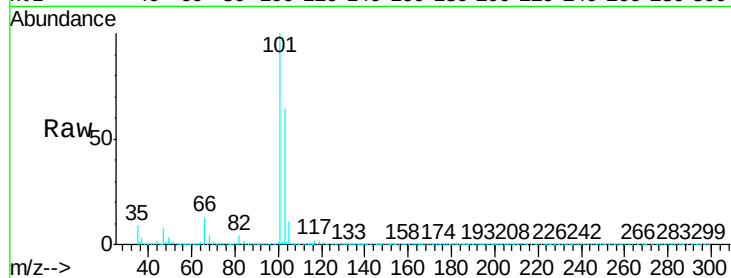
Trichlorofluoromethane
Concen: 49.067 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	604224		
103	64.4	52.3	78.5	

Manual Integrations
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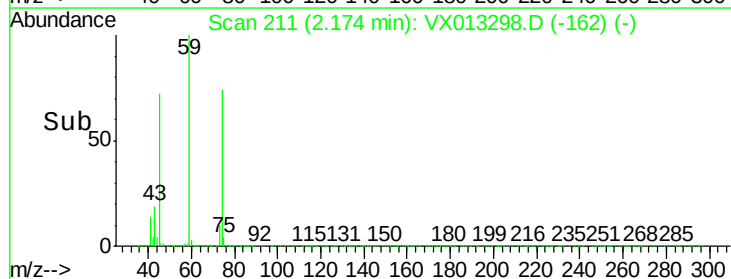
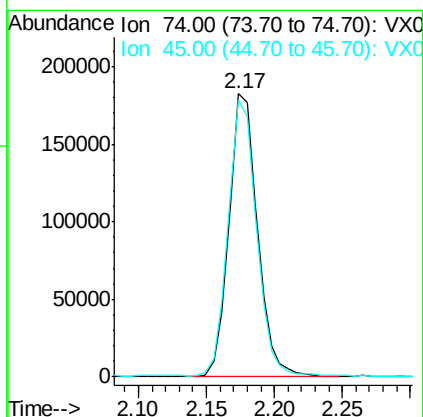
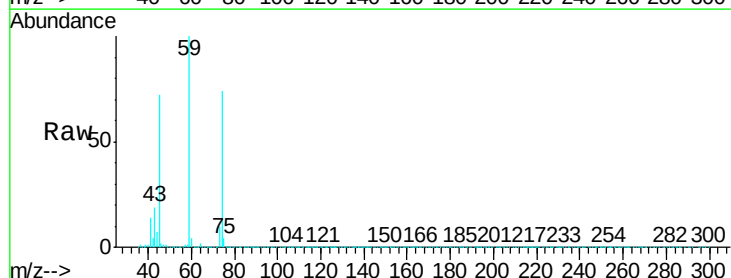
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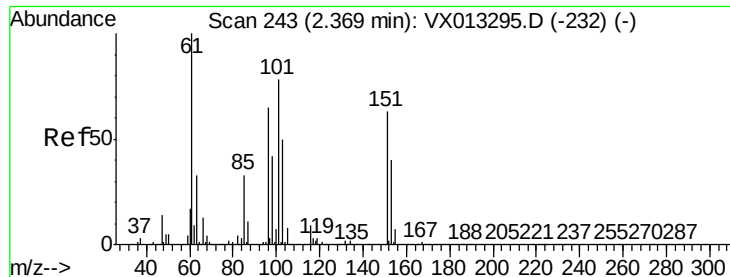


#8

Diethyl Ether
Concen: 48.938 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	266493		
45	97.7	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.243 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

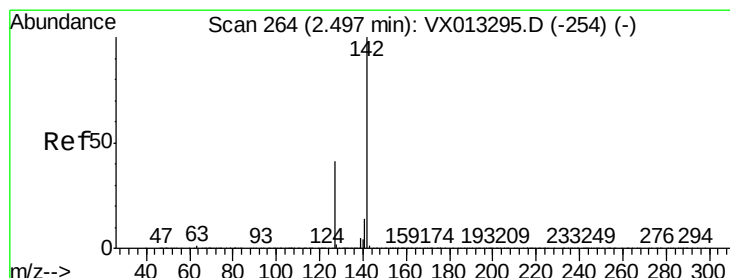
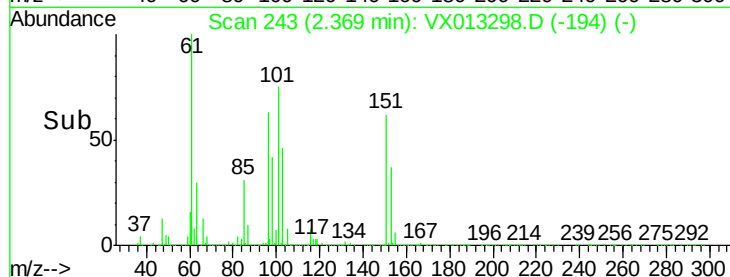
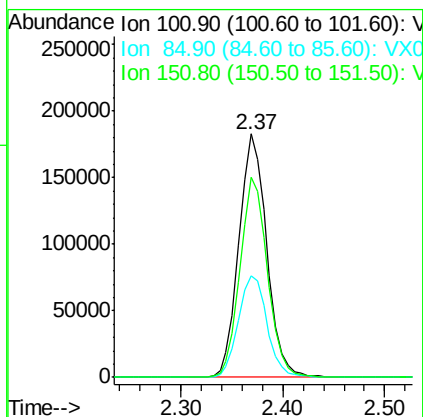
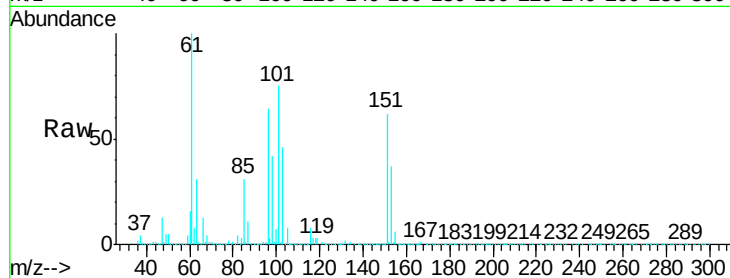
ClientSampleId :

ICVVX103119

Tgt Ion:	101	Resp:	344842
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.4	51.6
151	81.4	66.4	99.6

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#10

Methyl Iodide

Concen: 49.775 ug/l

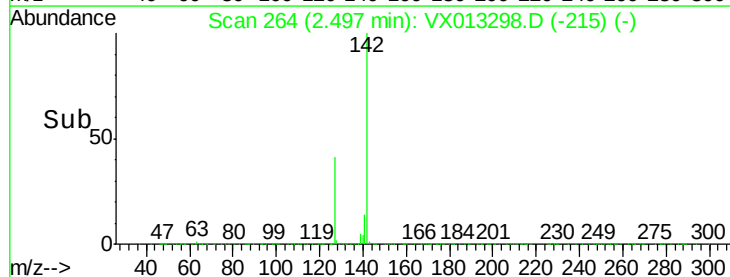
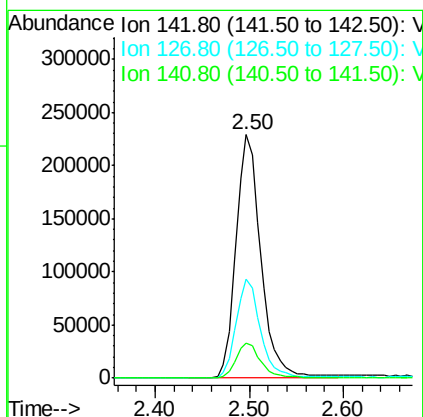
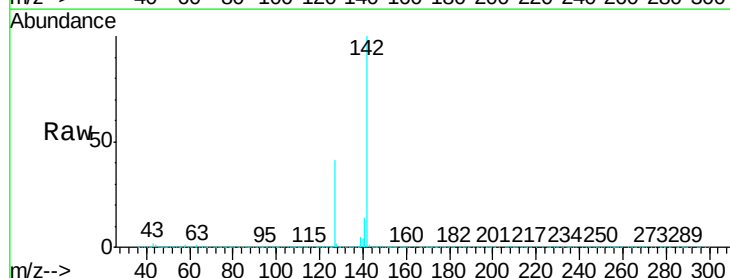
RT: 2.50 min Scan# 264

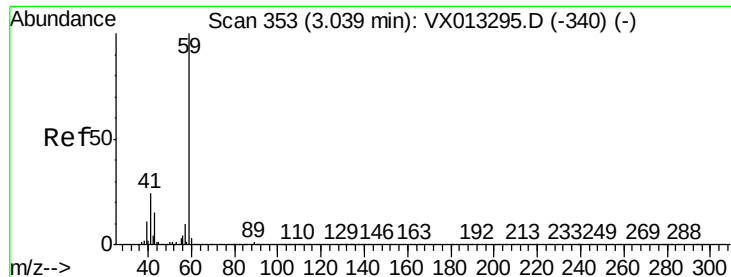
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion:	142	Resp:	422971
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.6	49.0
141	14.2	11.6	17.4





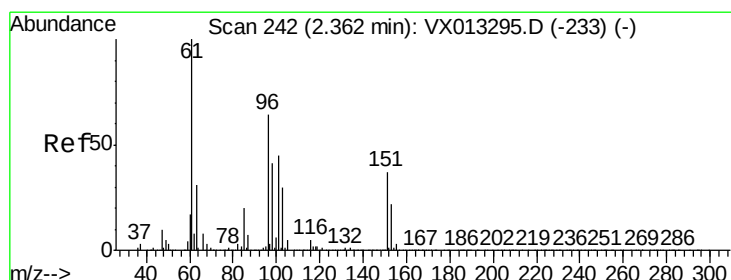
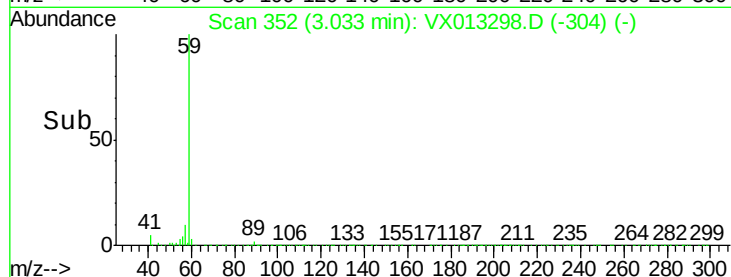
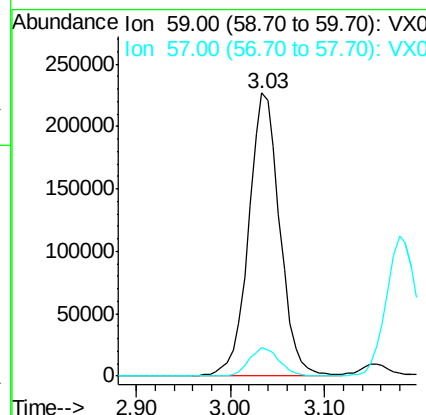
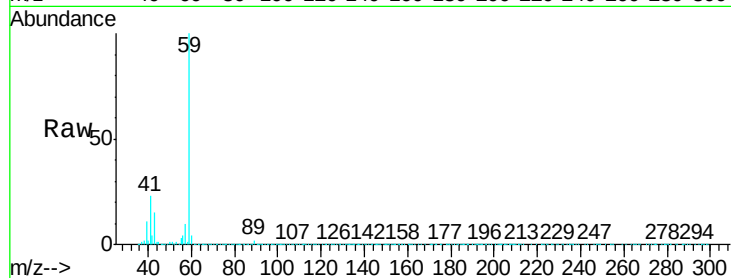
#11
Tert butyl alcohol
Concen: 231.084 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

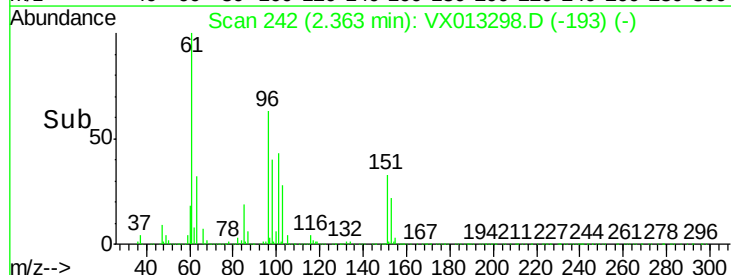
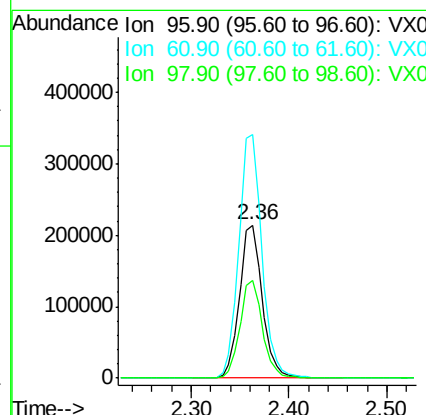
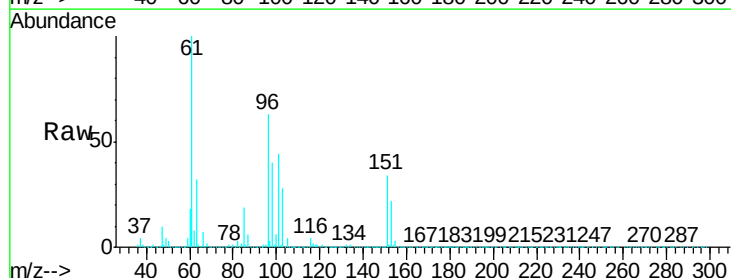
Manual Integrations
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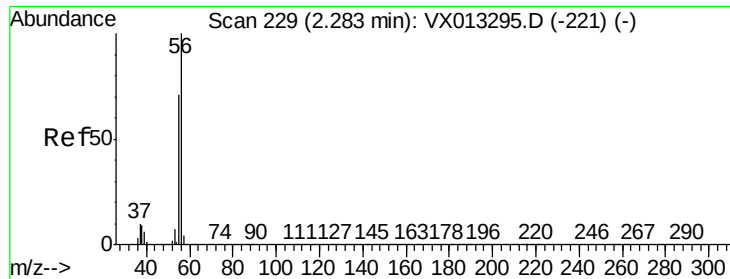
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.218 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	125.0	187.6
98	63.6	50.7	76.1





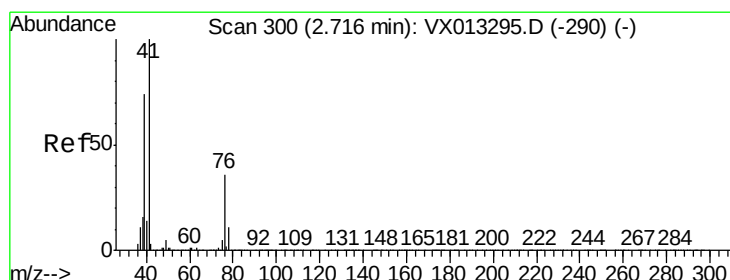
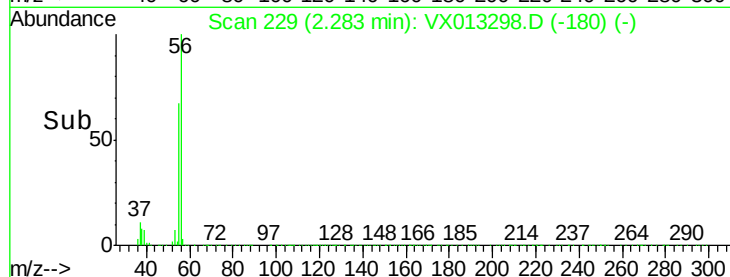
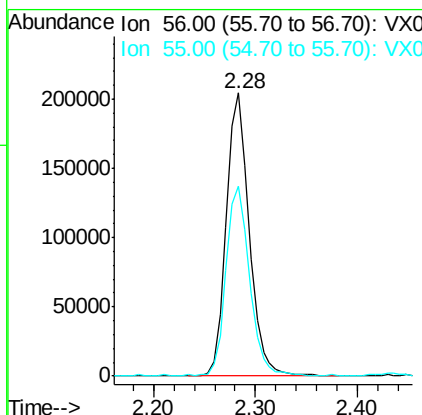
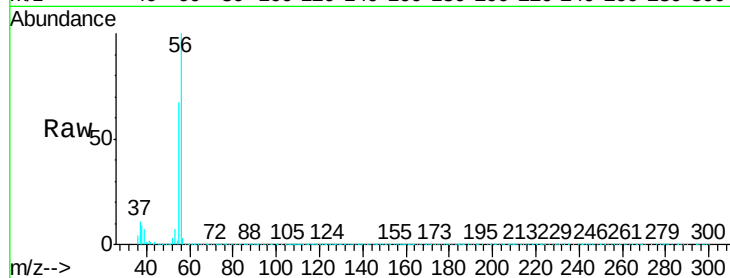
#13
Acrolein
Concen: 255.105 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
56	100		
55	68.8	57.4	86.0

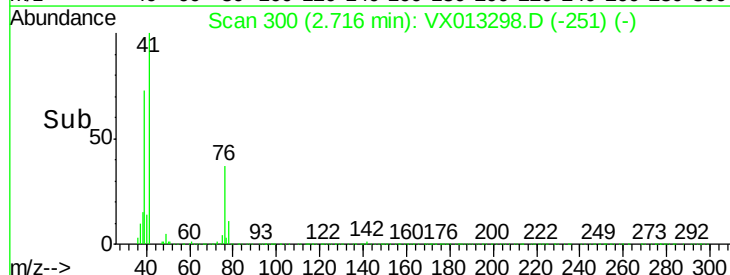
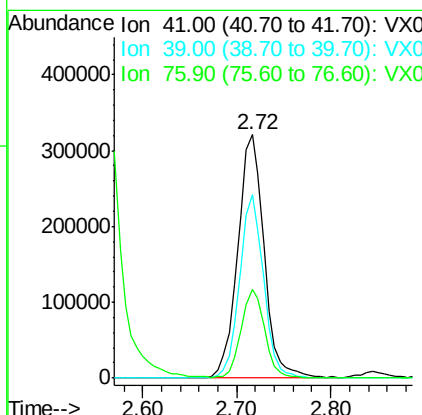
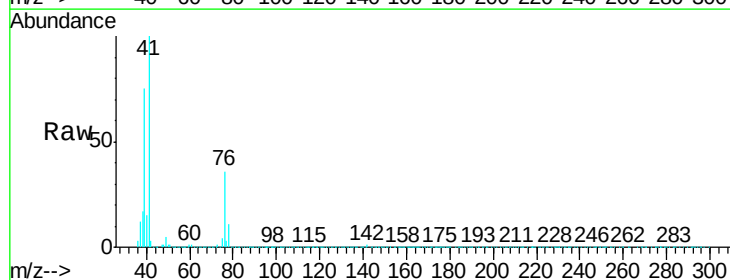
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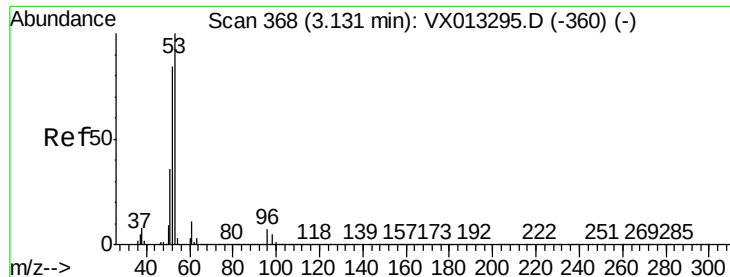
MMDadoda
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#14
Allyl chloride
Concen: 50.969 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.5	55.8	83.8
76	32.8	26.4	39.6





#15

Acrylonitrile

Concen: 259.806 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

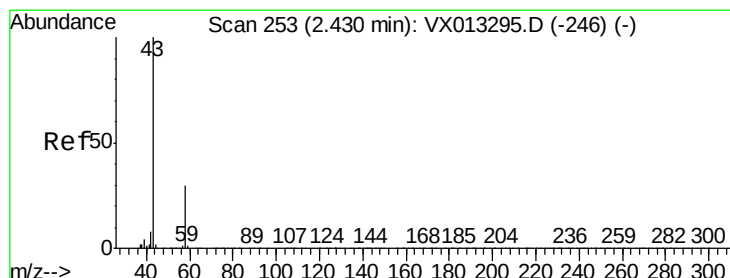
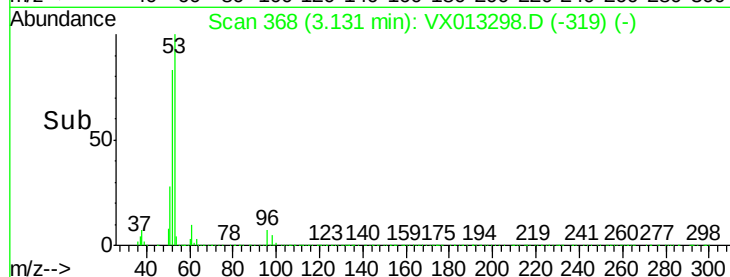
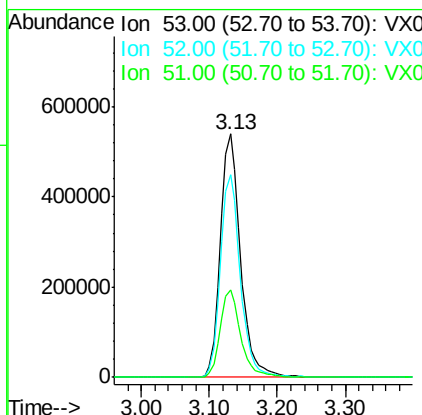
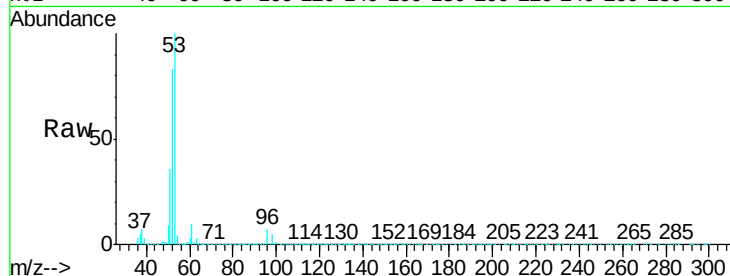
ClientSampleId :

ICVVX103119

Tgt Ion:	53	Resp:	1110364
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.4	101.0
51	36.1	29.4	44.2

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#16

Acetone

Concen: 240.503 ug/l

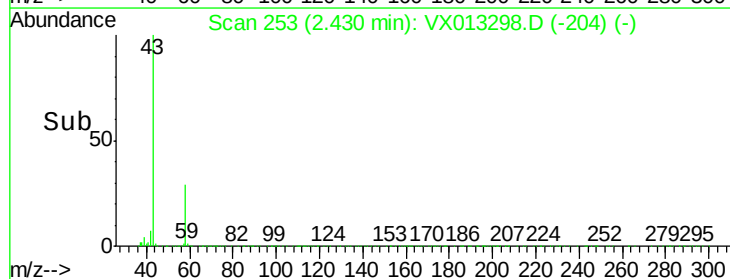
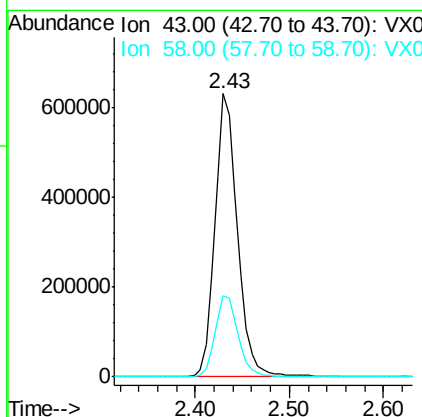
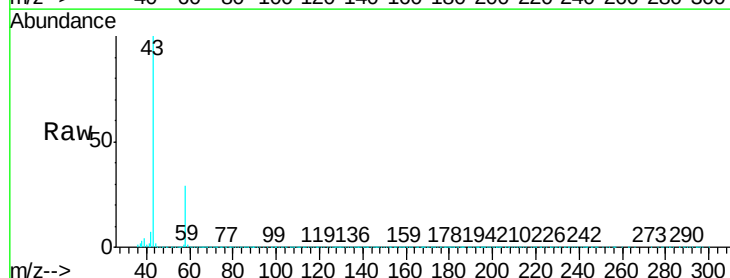
RT: 2.43 min Scan# 253

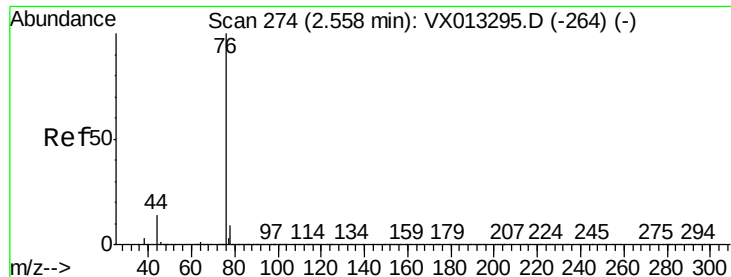
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion:	43	Resp:	1041330
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.3	36.5





#17

Carbon Disulfide

Concen: 53.642 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 76 Resp: 964993

Ion Ratio Lower Upper

76 100

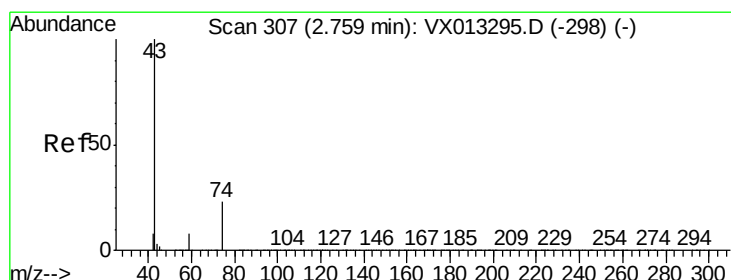
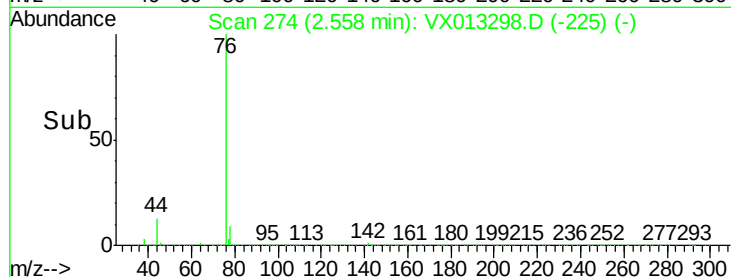
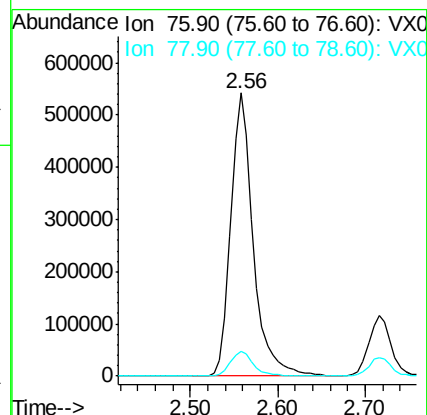
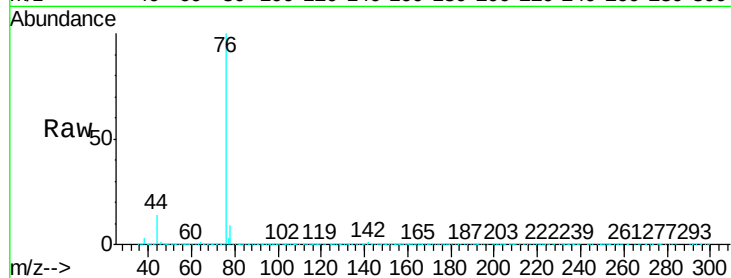
78 8.9 7.0 10.6

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11/4/2019 3:41:23 PM



#18

Methyl Acetate

Concen: 51.480 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013298.D

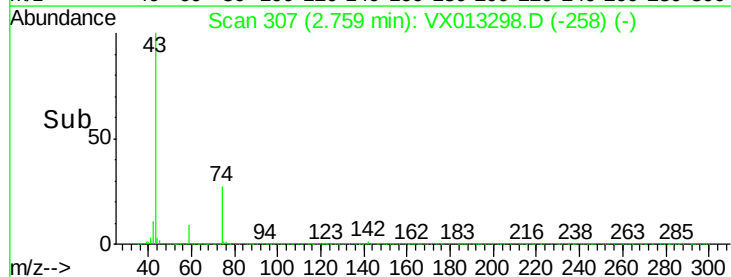
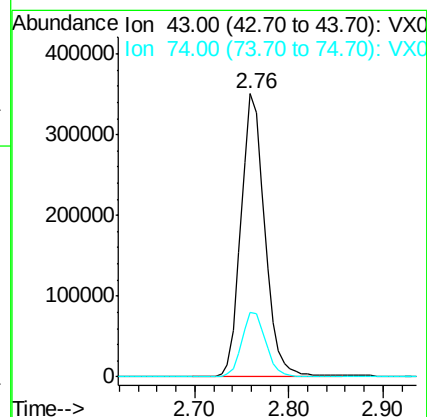
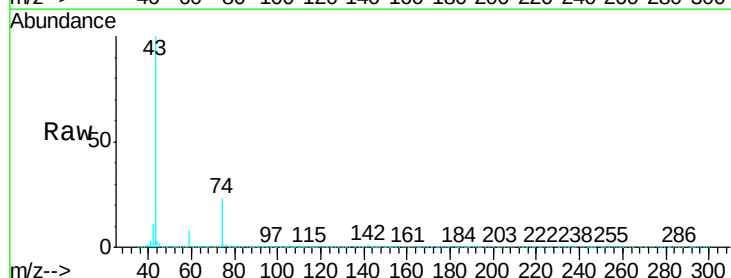
Acq: 31 Oct 2019 18:39

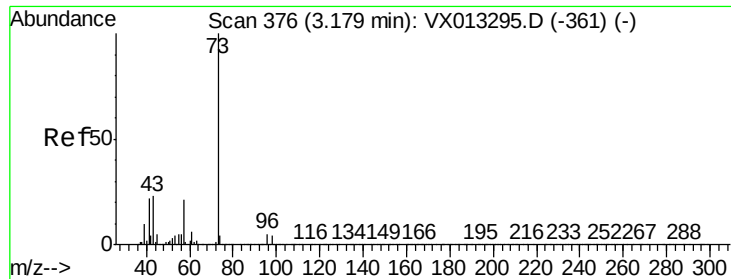
Tgt Ion: 43 Resp: 615374

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6





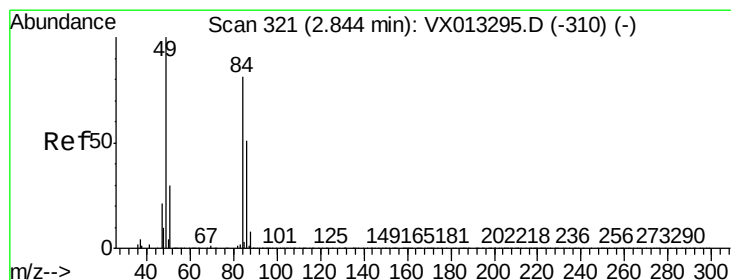
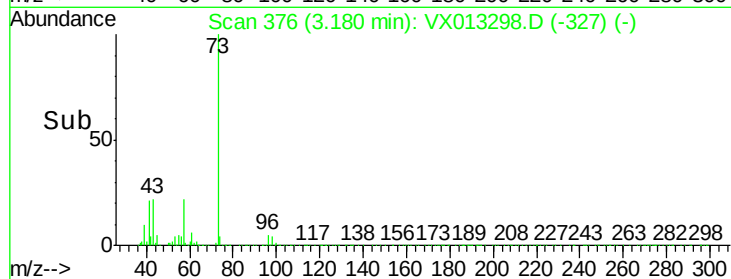
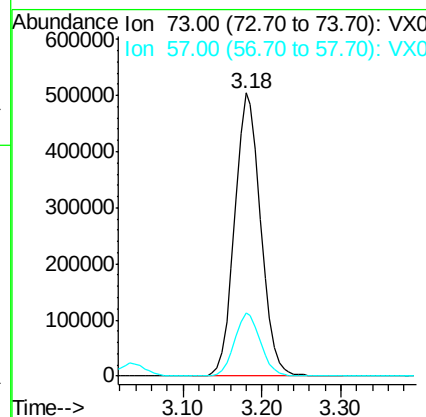
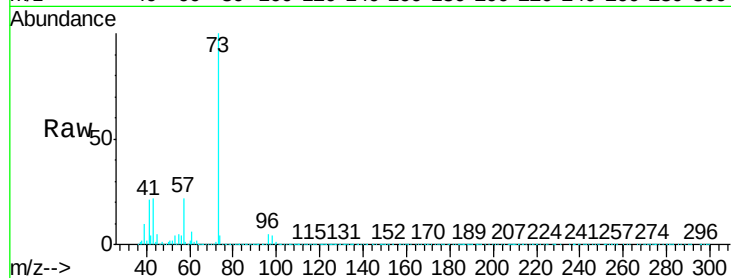
#19
Methyl tert-butyl Ether
Concen: 51.525 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion: 73 Resp: 1155055
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

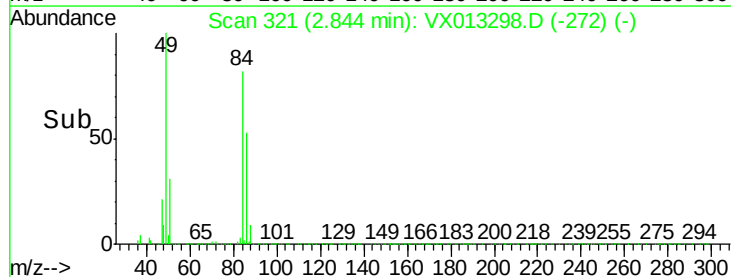
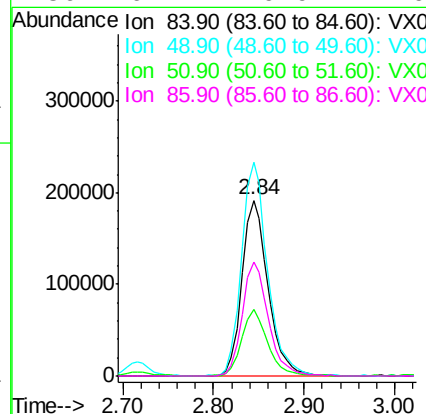
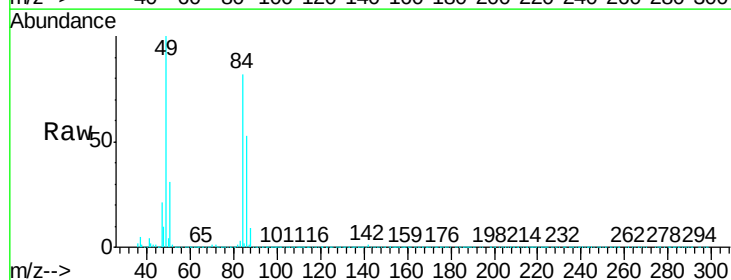
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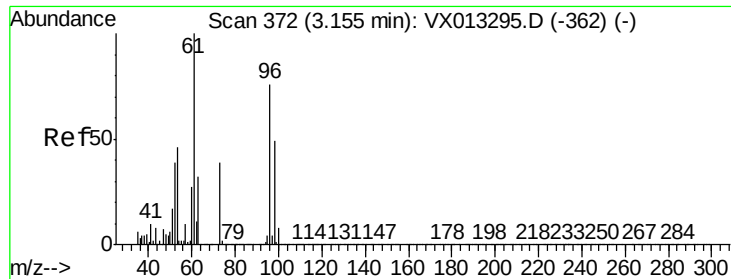
MMDadoda
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#20
Methylene Chloride
Concen: 47.757 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 84 Resp: 382048
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.4
51 37.7 29.9 44.9
86 64.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.166 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 96 Resp: 367118
Ion Ratio Lower Upper

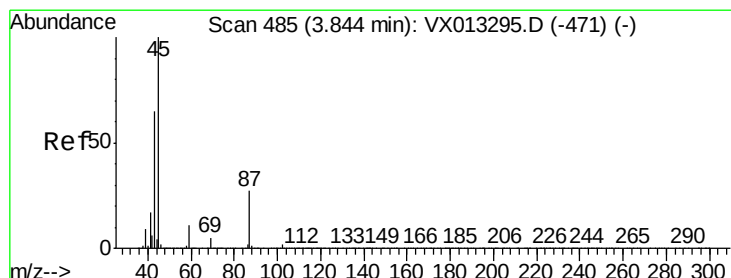
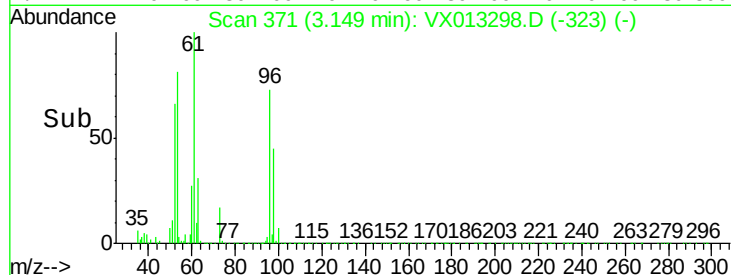
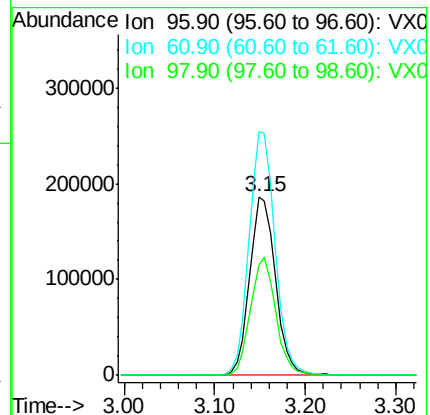
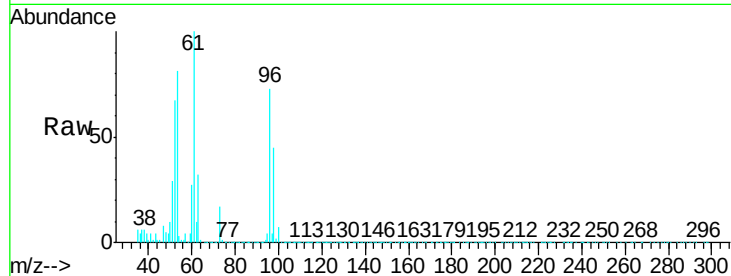
96 100

61 136.1 105.8 158.6

98 61.7 51.8 77.6

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11/4/2019 3:41:23 PM



#22

Diisopropyl ether

Concen: 51.277 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

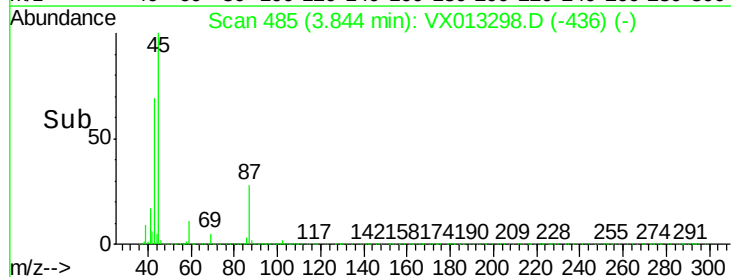
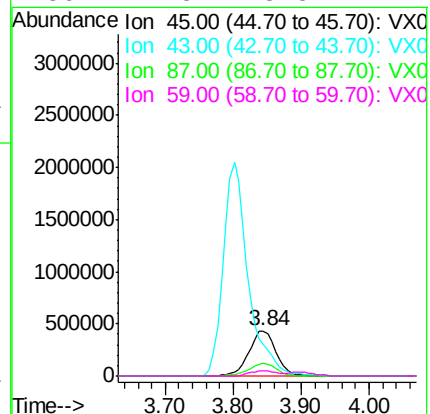
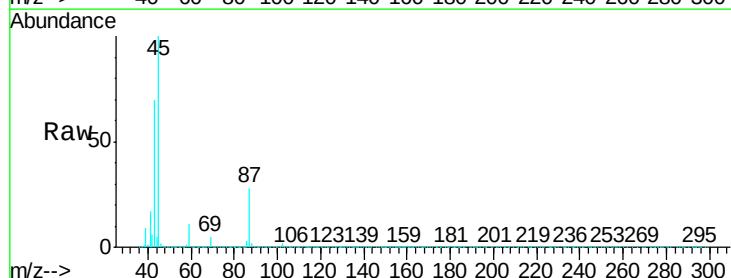
Tgt Ion: 45 Resp: 1208946
Ion Ratio Lower Upper

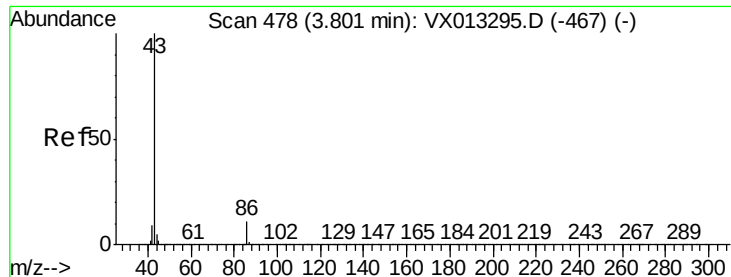
45 100

43 69.5 54.2 81.2

87 28.4 21.8 32.8

59 11.3 8.5 12.7





#23

Vinyl Acetate

Concen: 259.318 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 43 Resp: 5231659

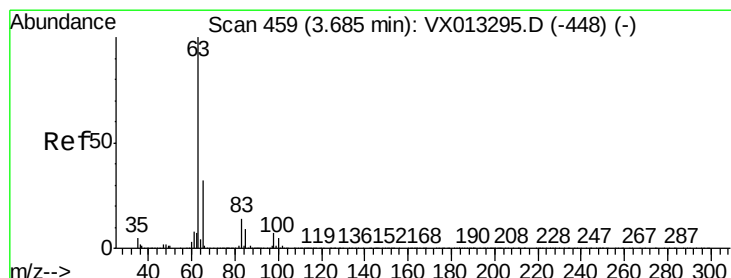
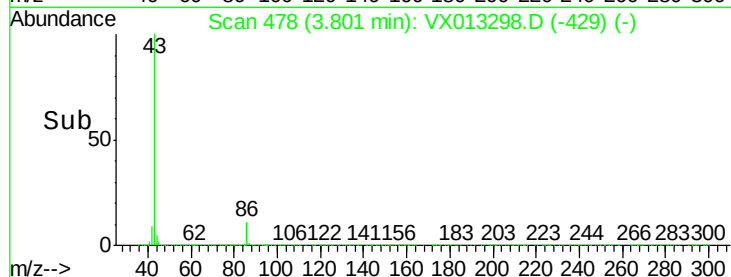
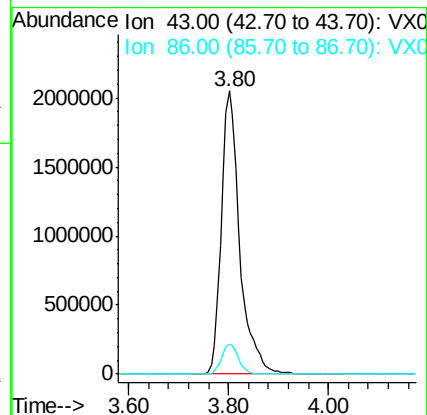
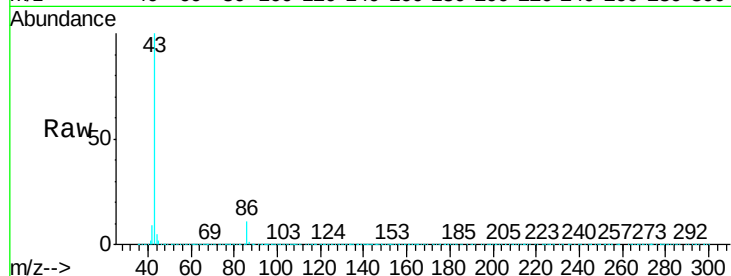
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0

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11/4/2019 3:41:23 PM



#24

1,1-Dichloroethane

Concen: 50.415 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

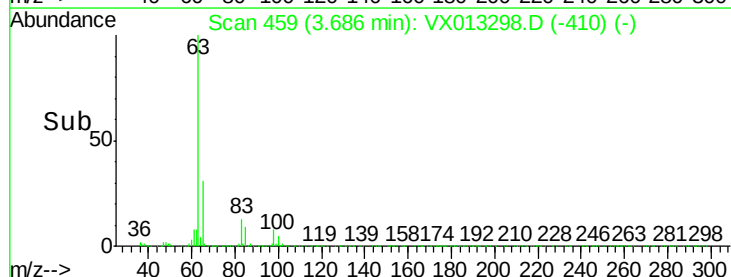
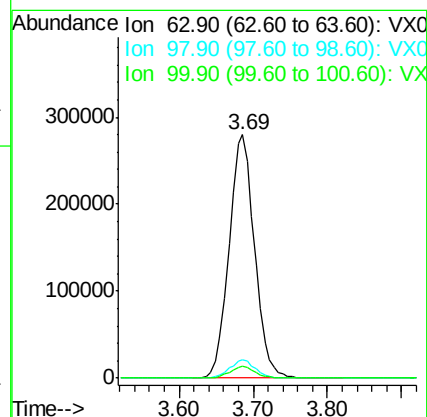
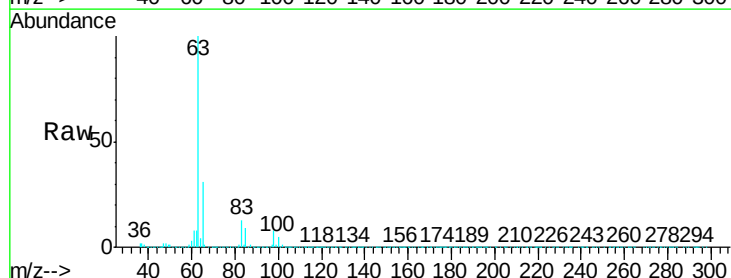
Tgt Ion: 63 Resp: 664931

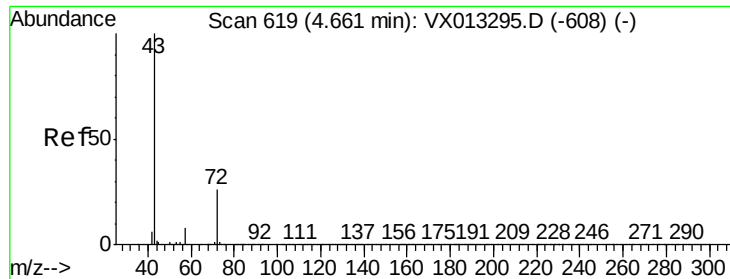
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 252.590 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 43 Resp: 1604421

Ion Ratio Lower Upper

43 100

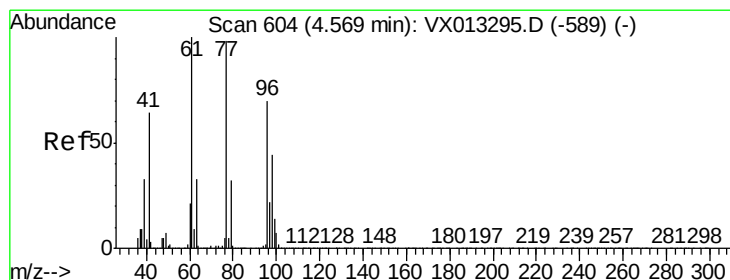
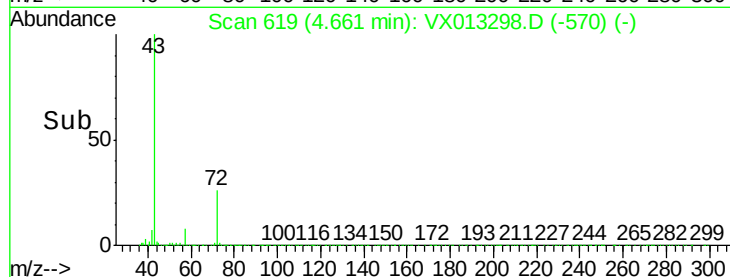
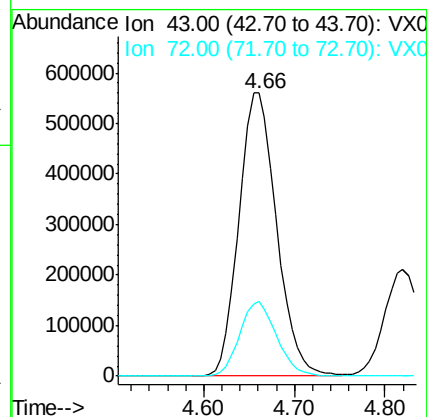
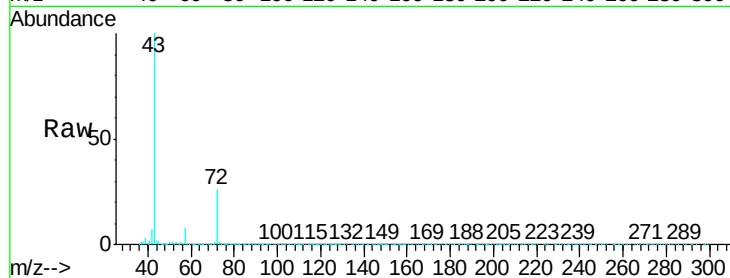
72 26.1 21.0 31.6

Manual Integrations

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11/4/2019 3:41:23 PM



#26

2,2-Dichloropropane

Concen: 49.902 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013298.D

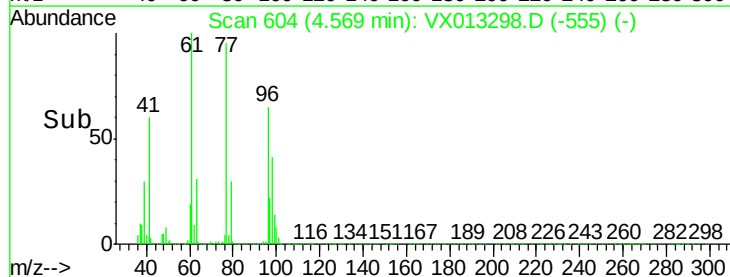
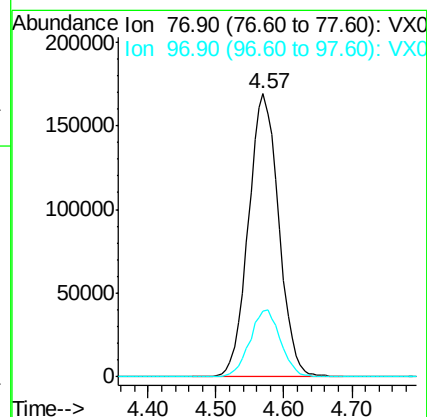
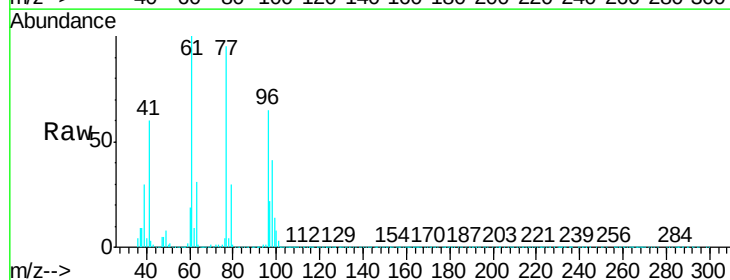
Acq: 31 Oct 2019 18:39

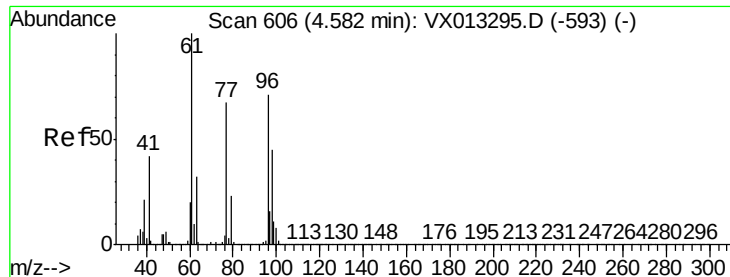
Tgt Ion: 77 Resp: 523590

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

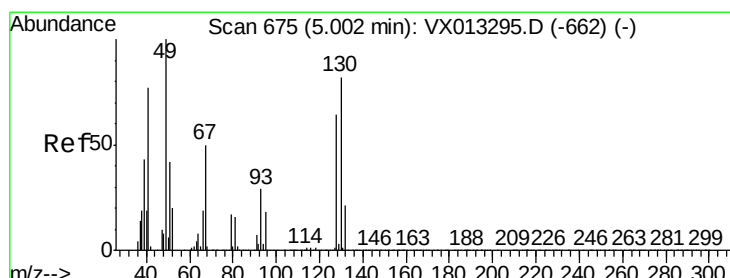
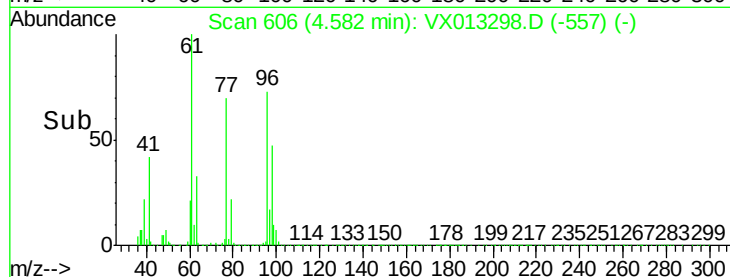
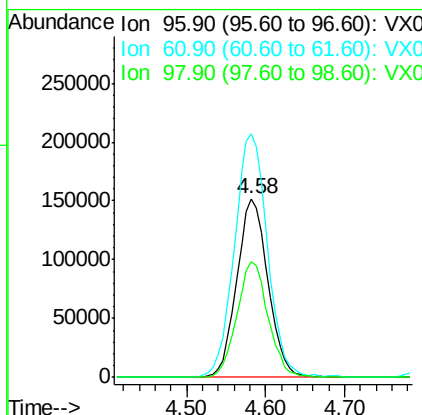
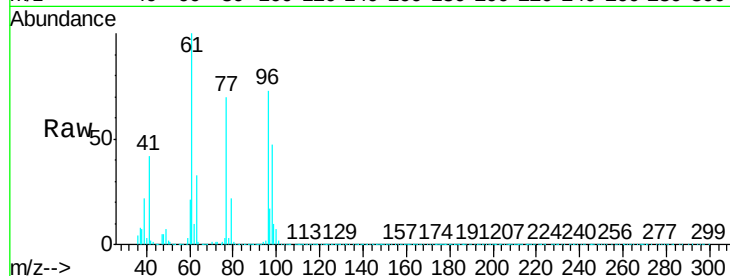
cis-1,2-Dichloroethene
Concen: 50.722 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	415811		
61	144.6	0.0	288.0	
98	64.9	0.0	129.6	

Manual Integrations
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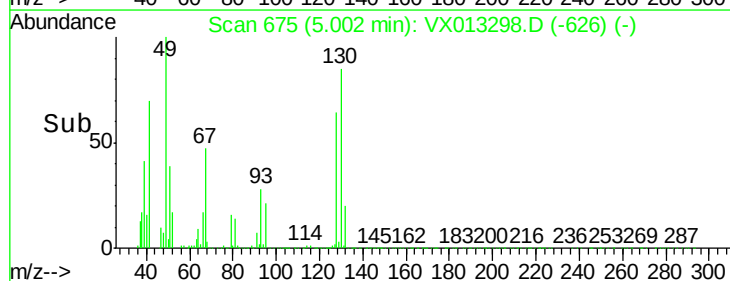
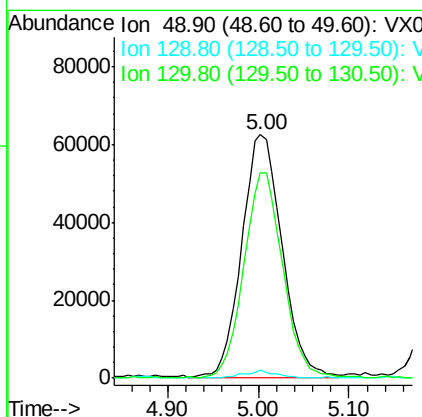
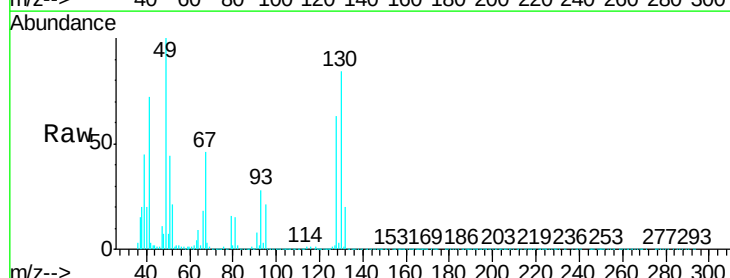
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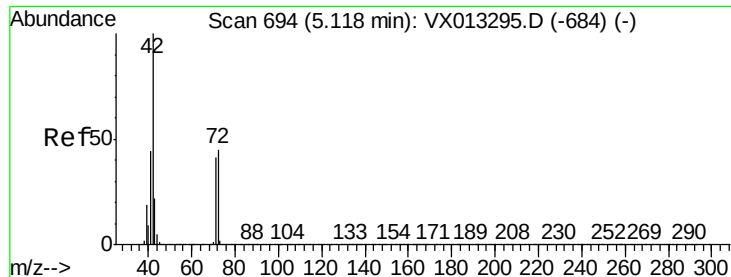


#28

Bromochloromethane
Concen: 51.127 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191461		
129	2.5	0.0	5.2	
130	81.5	63.8	95.6	





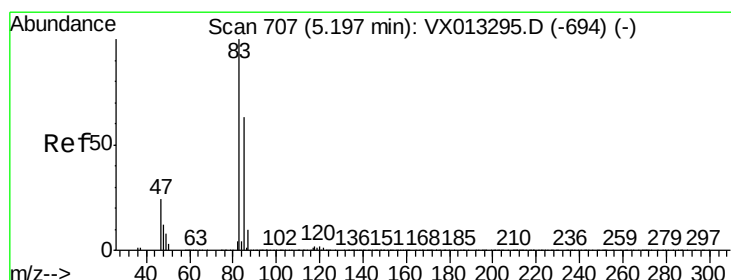
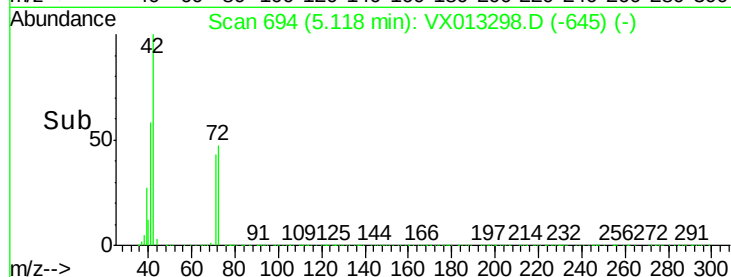
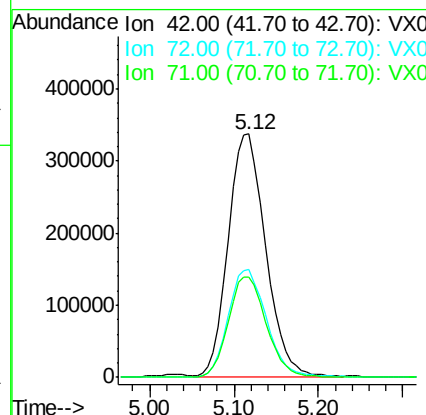
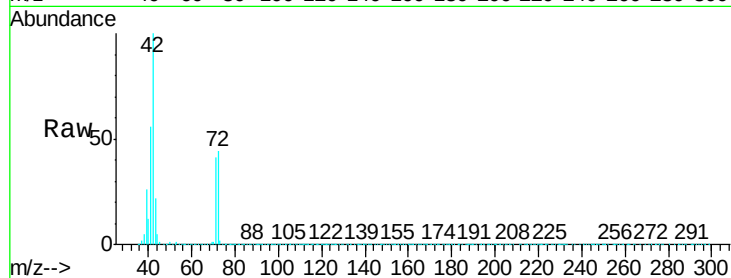
#29
Tetrahydrofuran
Concen: 259.567 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion: 42 Resp: 1016018
Ion Ratio Lower Upper
42 100
72 45.4 35.8 53.8
71 41.9 33.4 50.0

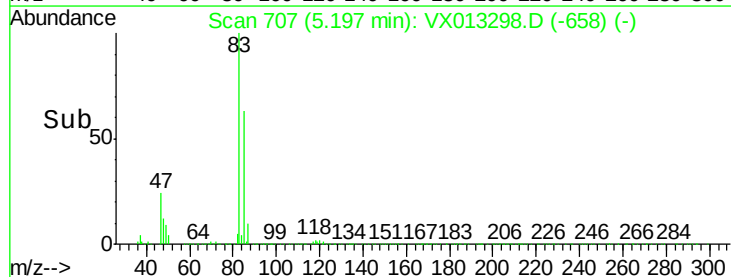
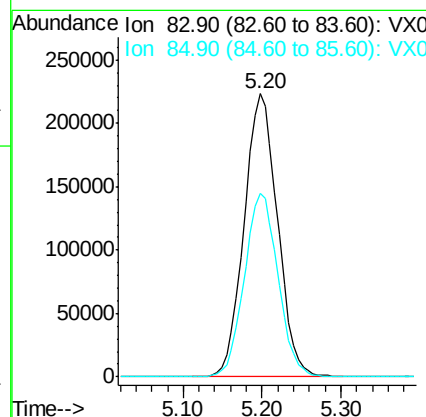
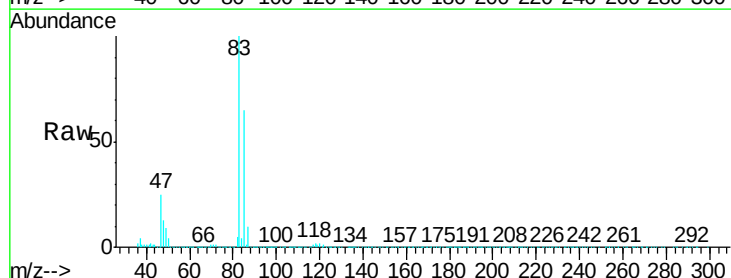
Manual Integrations
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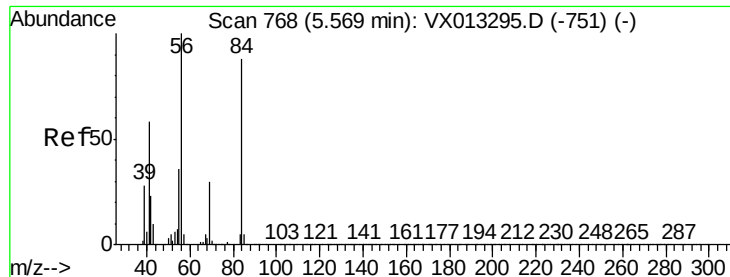
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#30
Chloroform
Concen: 50.362 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 83 Resp: 655893
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4





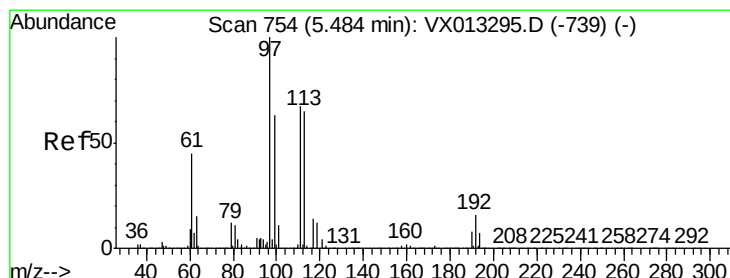
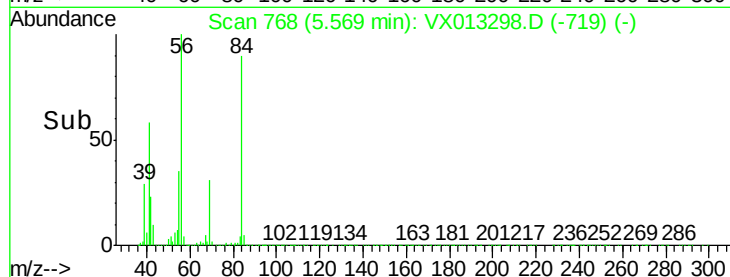
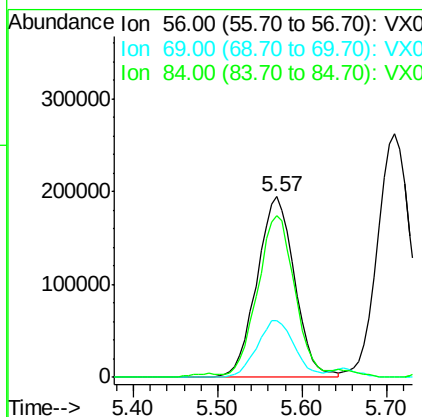
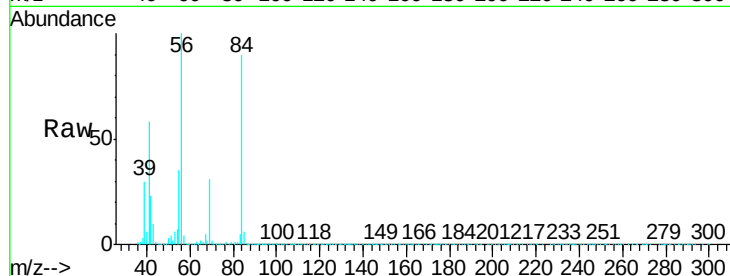
#31
Cyclohexane
Concen: 50.437 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.7	35.5
84	88.4	70.6	105.8

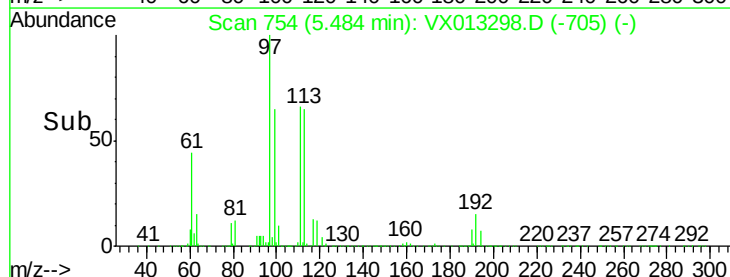
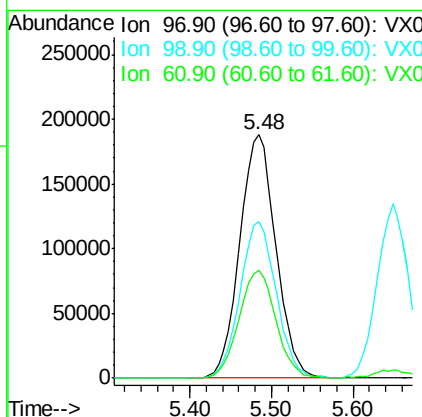
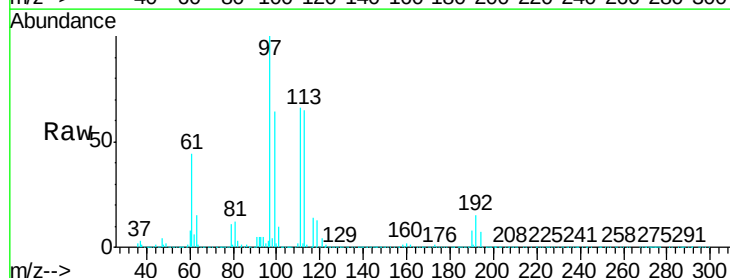
Manual Integrations
APPROVED

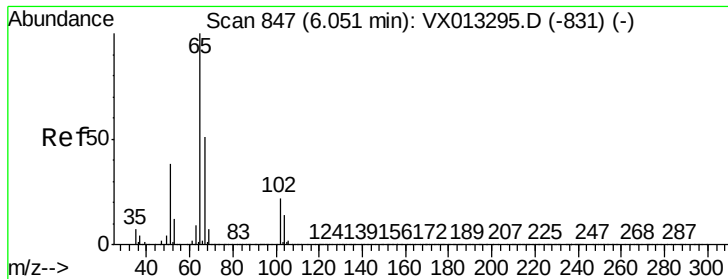
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#32
1,1,1-Trichloroethane
Concen: 51.434 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	44.8	36.5	54.7





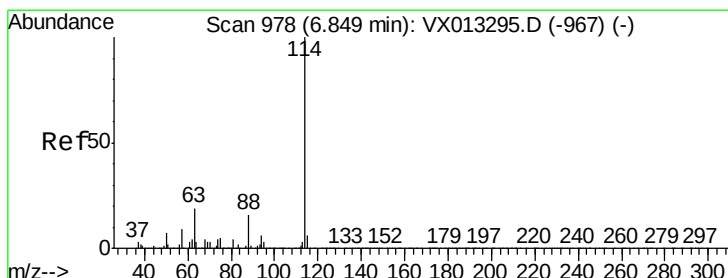
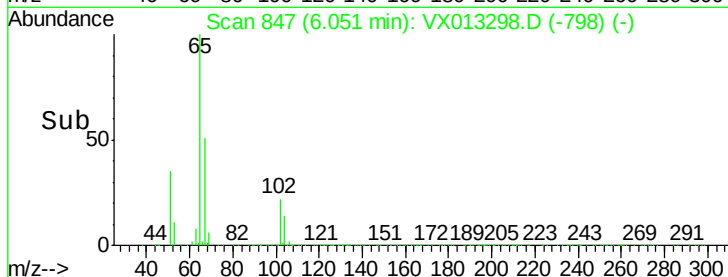
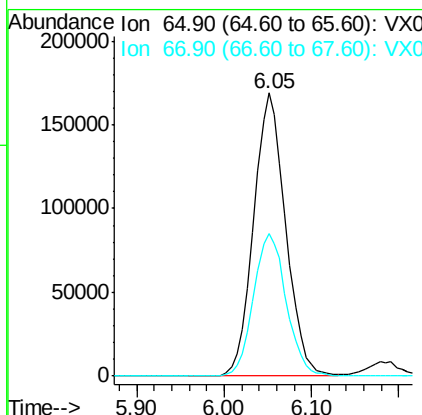
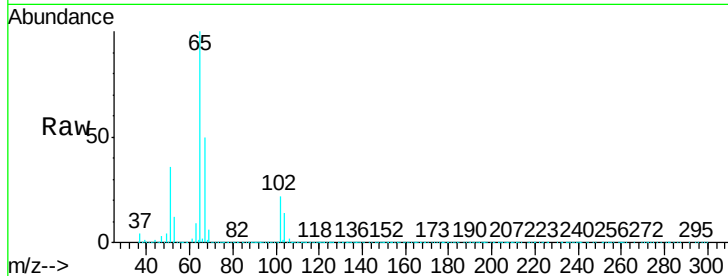
#33
 1,2-Dichloroethane-d4
 Concen: 49.139 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	426558		
67	51.4	0.0	104.2	

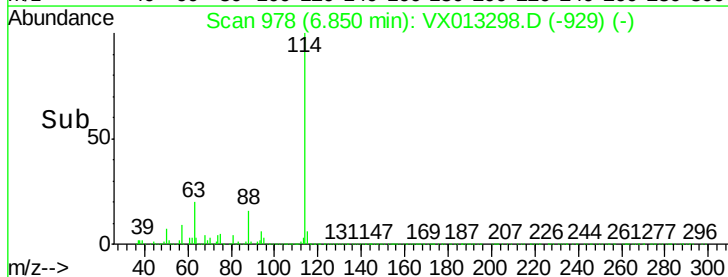
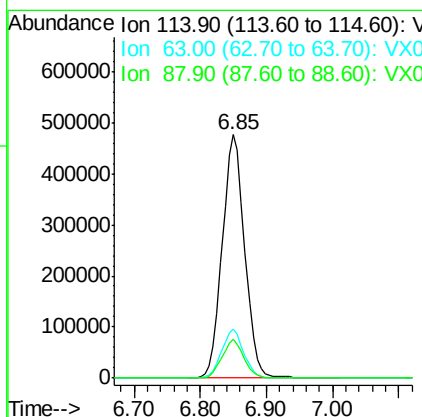
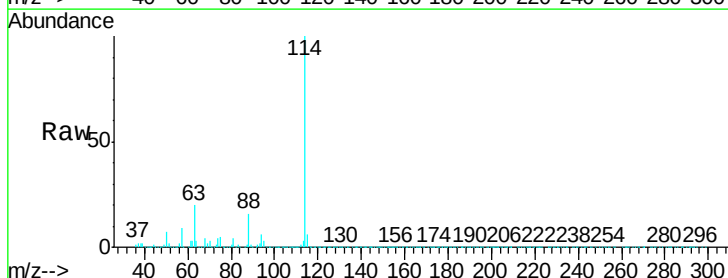
Manual Integrations
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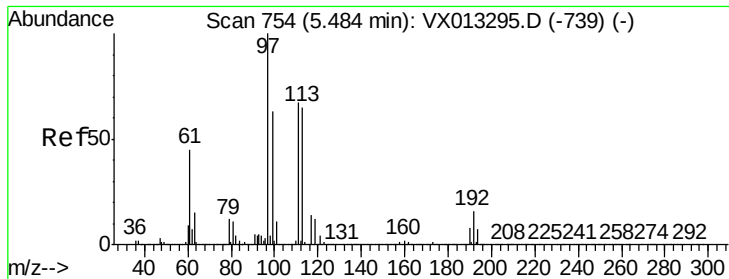
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1115602		
63	20.1	0.0	38.4	
88	16.0	0.0	32.2	





#35

Dibromofluoromethane

Concen: 49.868 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

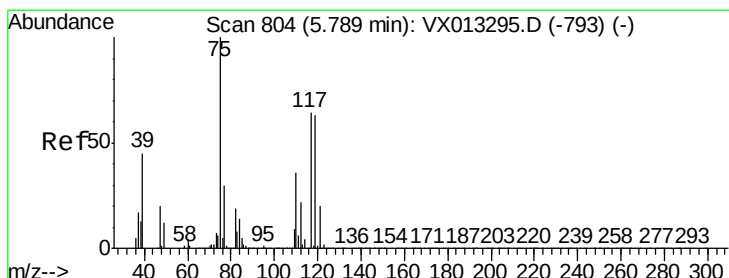
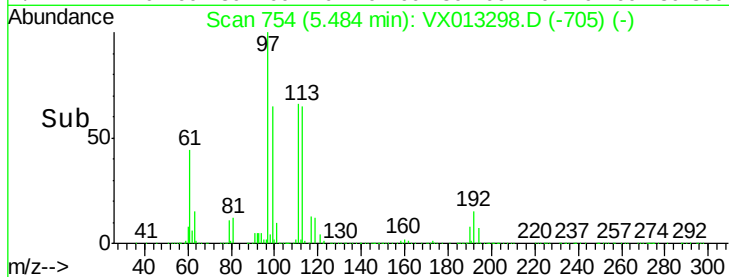
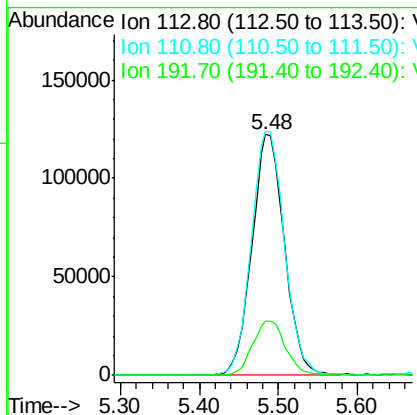
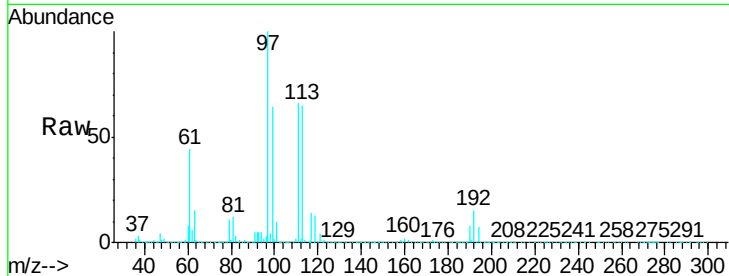
ClientSampleId :

ICVVX103119

Tgt Ion:	113	Resp:	348939
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.9	122.9
192	22.9	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.930 ug/l

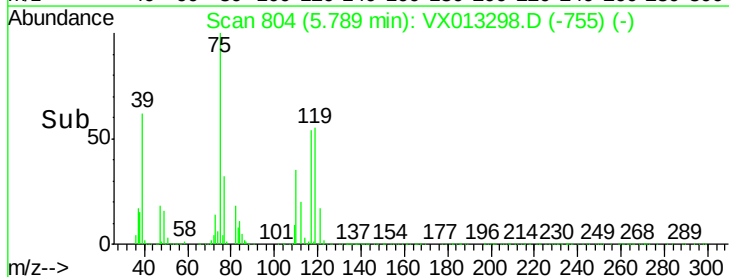
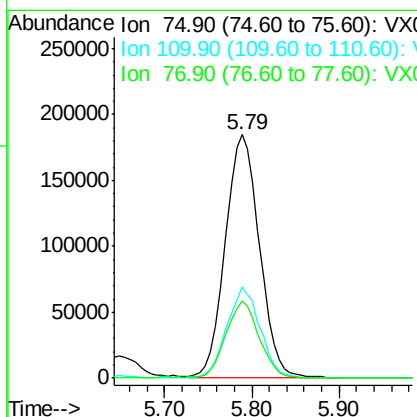
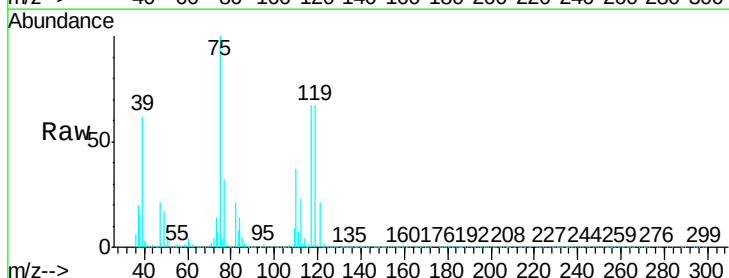
RT: 5.79 min Scan# 804

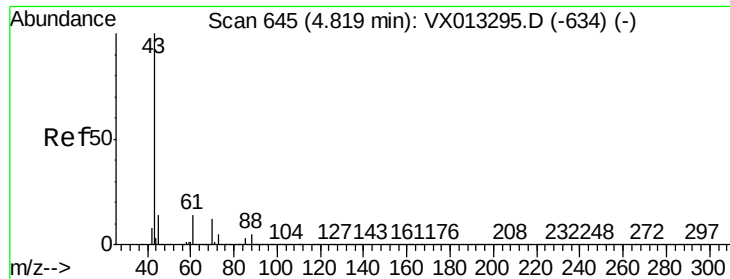
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion:	75	Resp:	496991
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.1
77	30.6	25.0	37.4





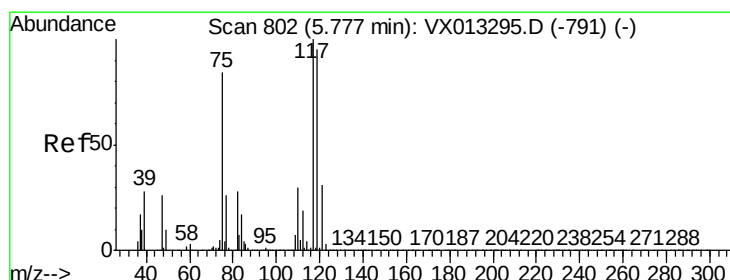
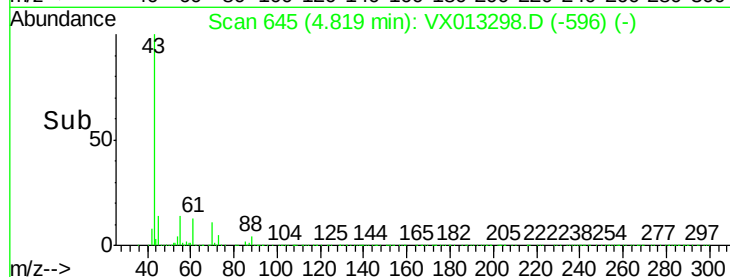
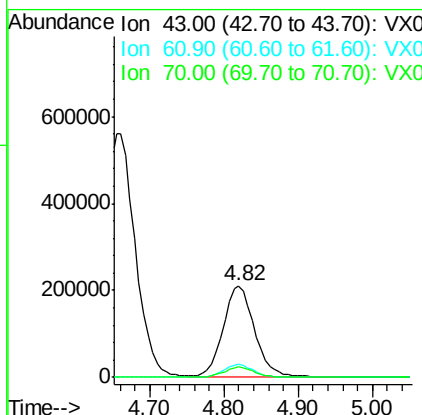
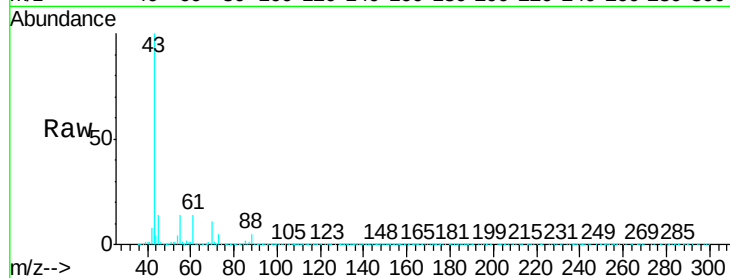
#37
Ethyl Acetate
Concen: 51.646 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.7	8.7	13.1

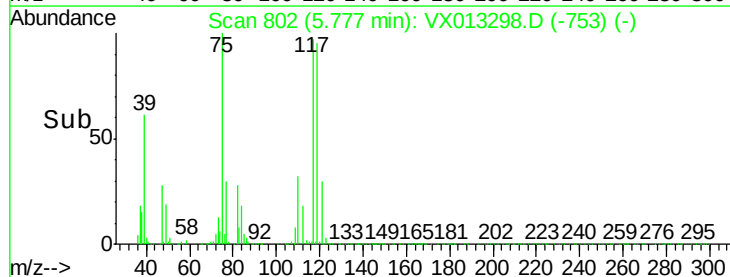
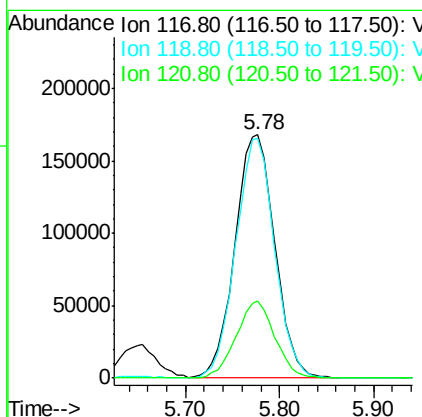
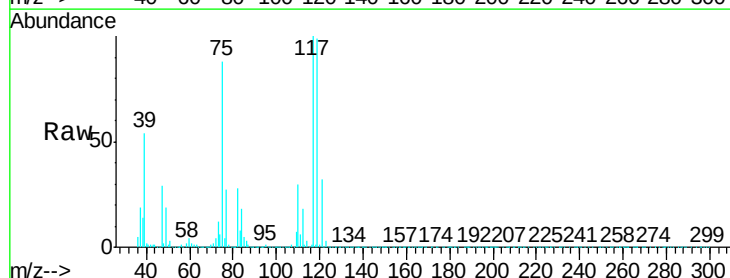
Manual Integrations
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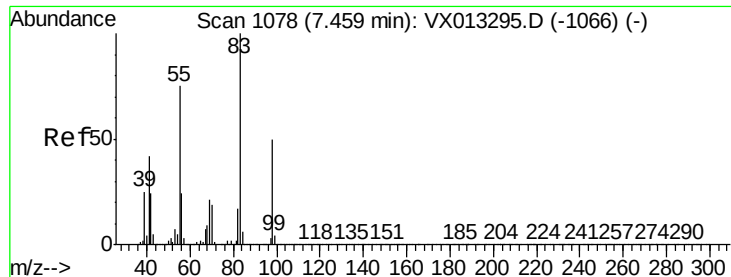
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11/4/2019 3:41:23 PM



#38
Carbon Tetrachloride
Concen: 52.941 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.1	114.1
121	31.4	24.6	37.0





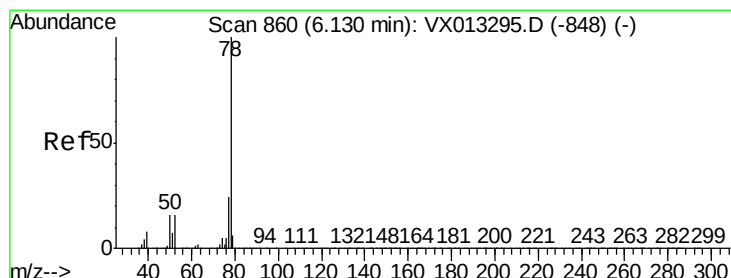
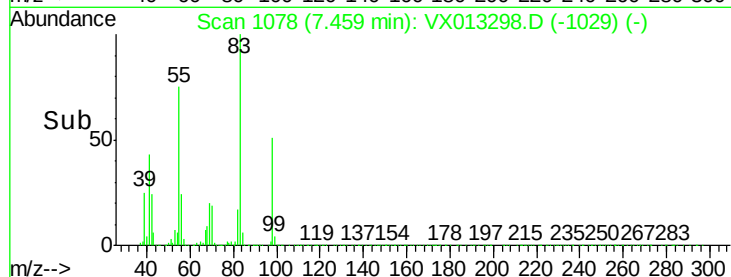
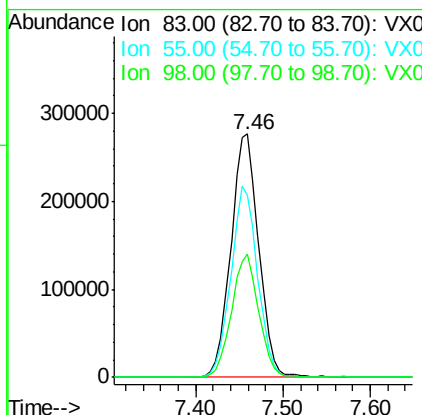
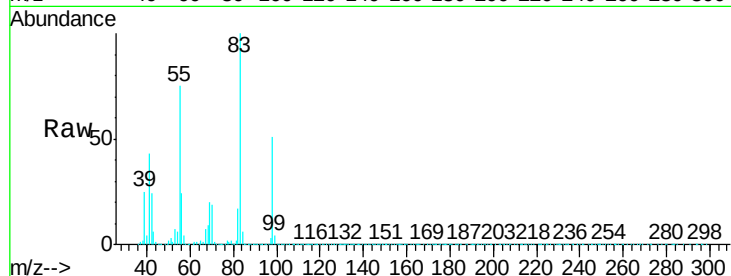
#39
Methylcyclohexane
Concen: 51.091 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.3	90.5
98	50.8	40.3	60.5

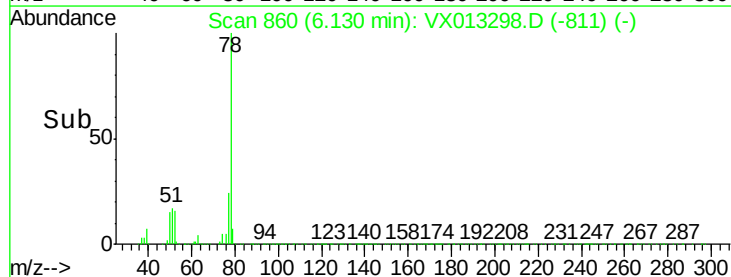
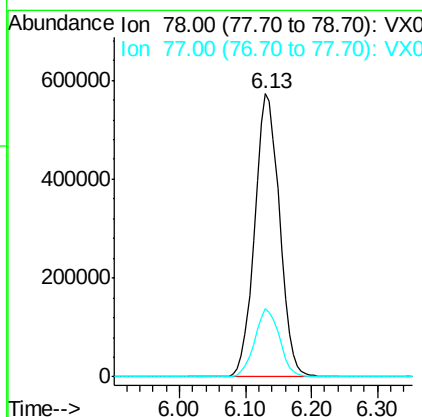
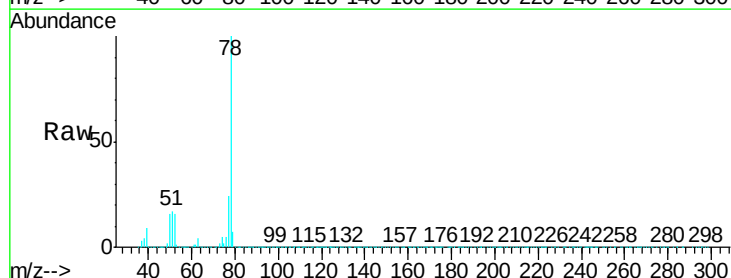
Manual Integrations
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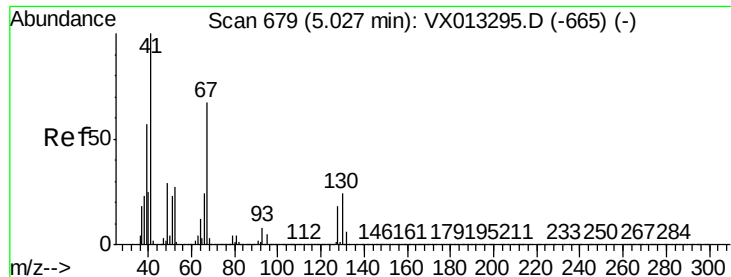
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11/4/2019 3:41:23 PM



#40
Benzene
Concen: 50.201 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





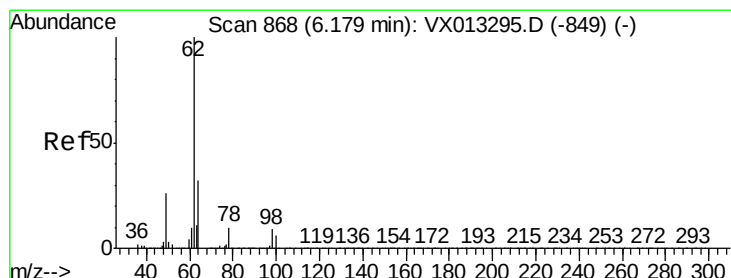
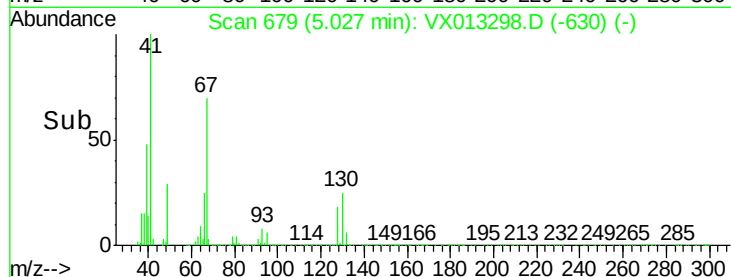
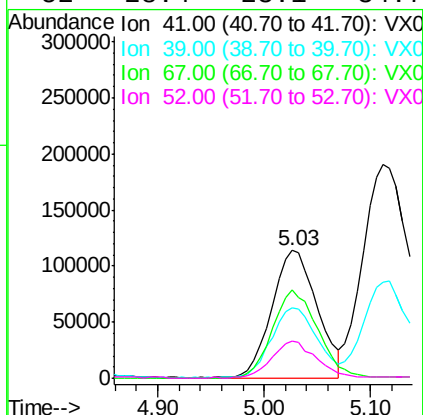
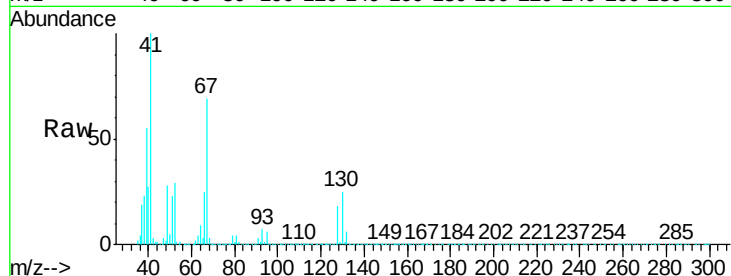
#41
Methacrylonitrile
Concen: 50.362 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.0	67.6
67	69.1	55.4	83.2
52	28.4	23.1	34.7

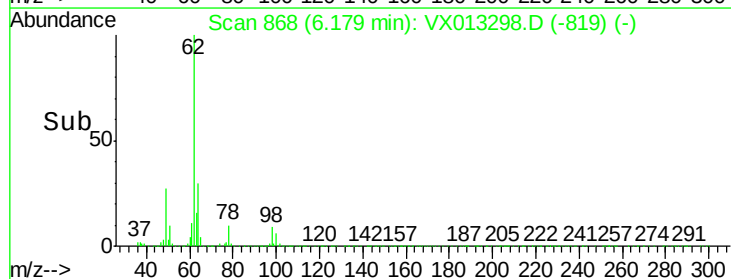
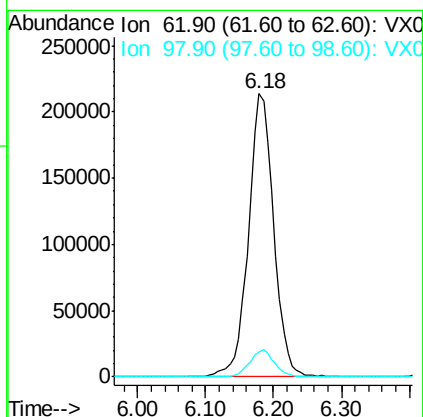
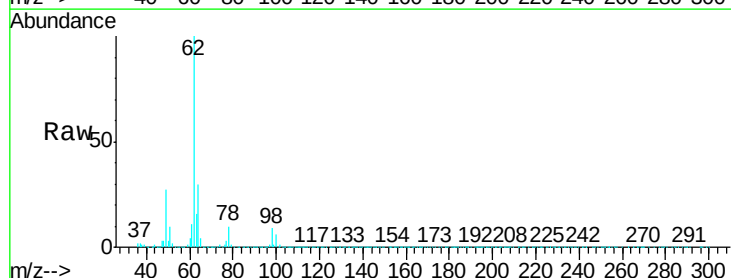
Manual Integrations
APPROVED

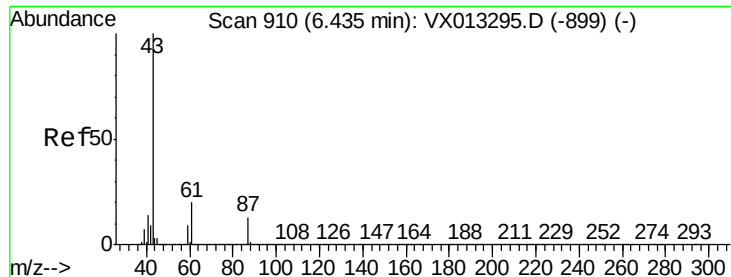
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#42
1,2-Dichloroethane
Concen: 51.383 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.079 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

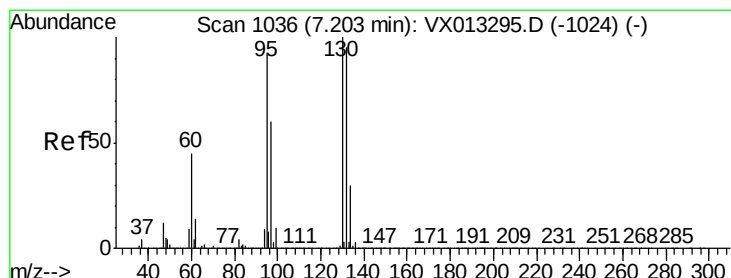
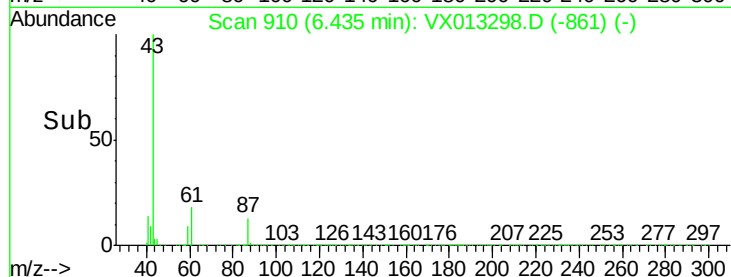
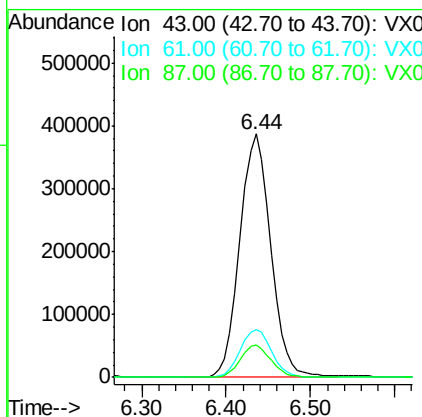
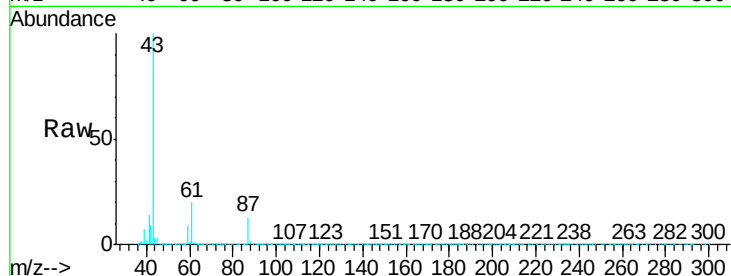
ClientSampleId :

ICVVX103119

Tgt Ion:	43	Resp:	959041
Ion Ratio		Lower	Upper
43	100		
61	20.3	15.8	23.8
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 49.981 ug/l

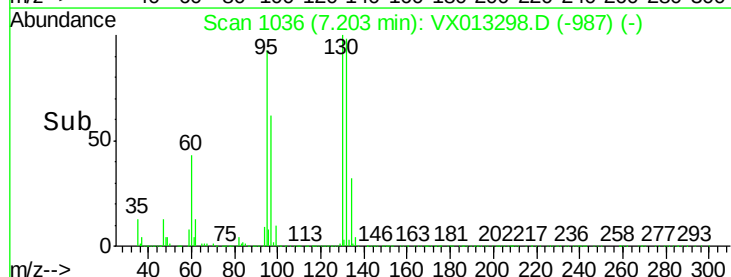
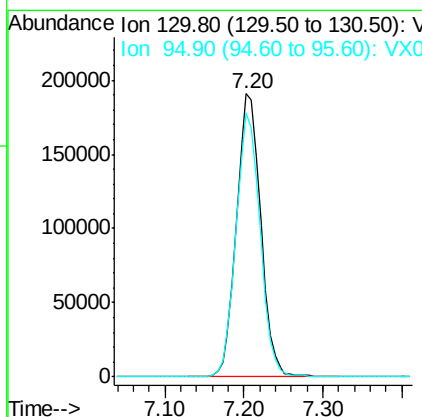
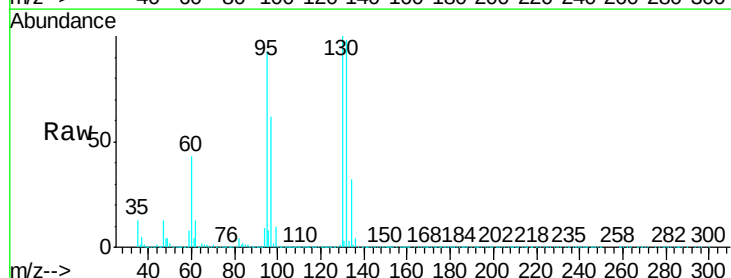
RT: 7.20 min Scan# 1036

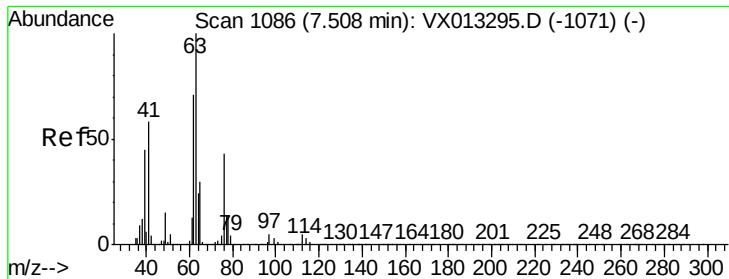
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion:	130	Resp:	410148
Ion Ratio		Lower	Upper
130	100		
95	93.0	0.0	184.8





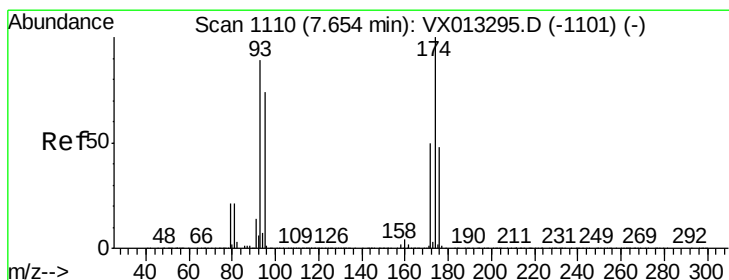
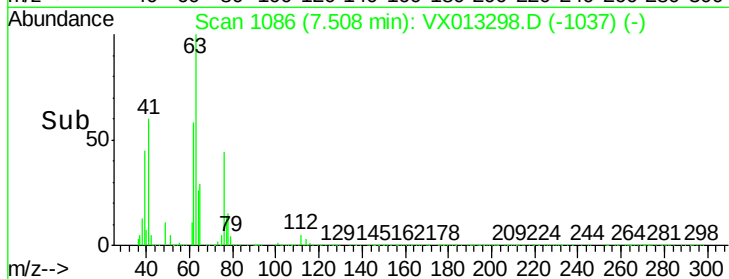
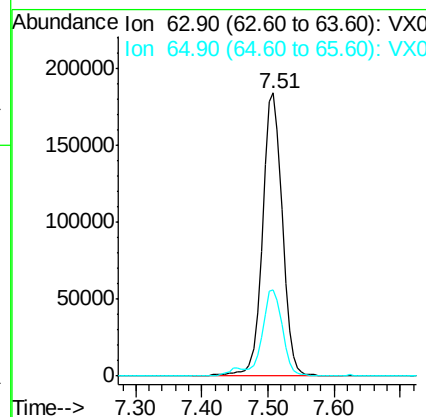
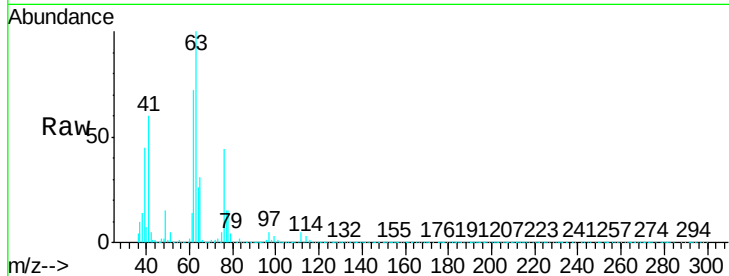
#45
 1,2-Dichloropropane
 Concen: 50.659 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.3	36.5

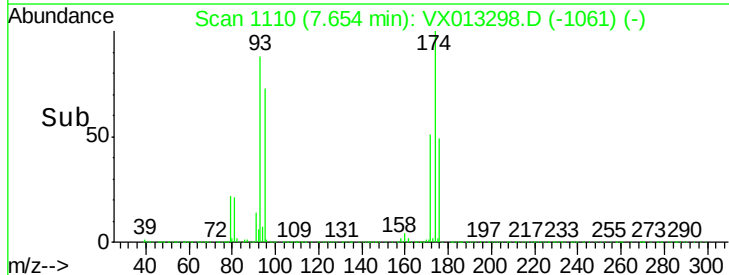
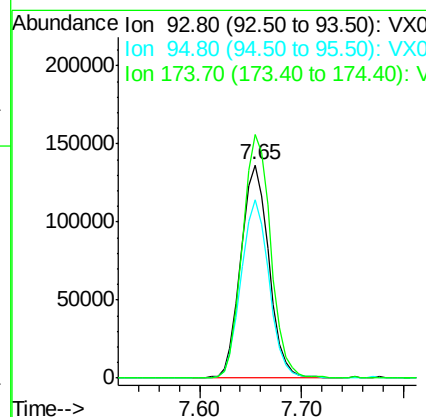
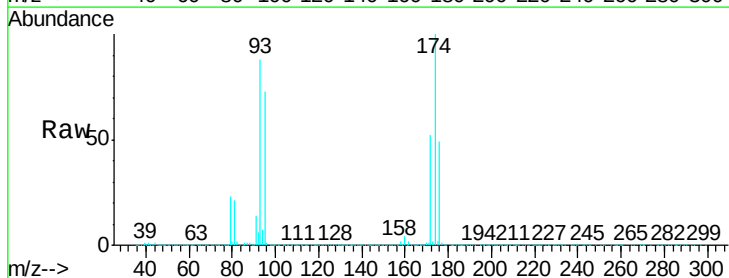
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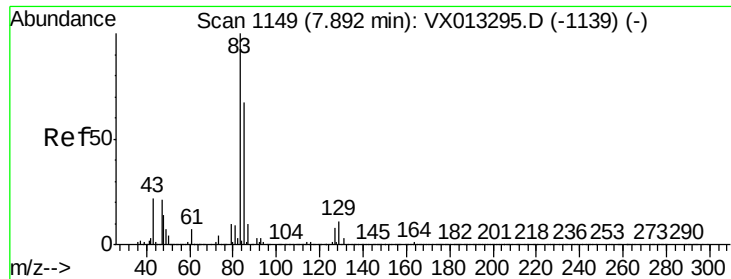
MMDadoda
 11/4/2019 3:41:23 PM



#46
 Dibromomethane
 Concen: 49.907 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.8	98.6
174	115.7	90.4	135.6





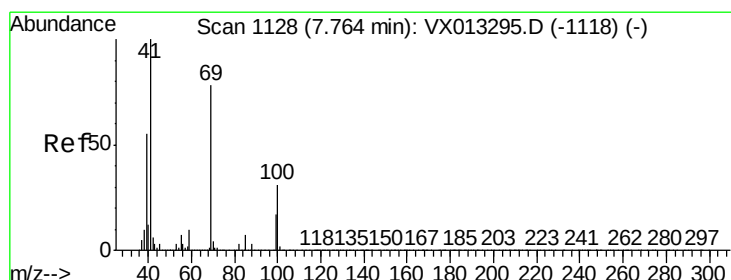
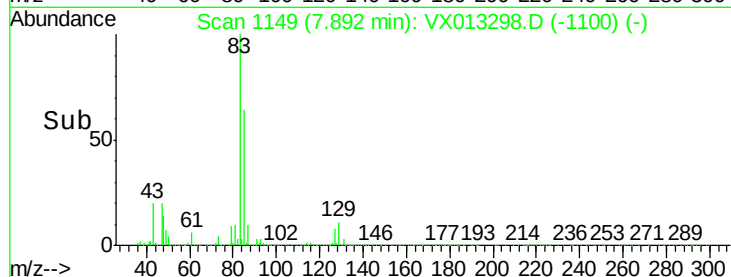
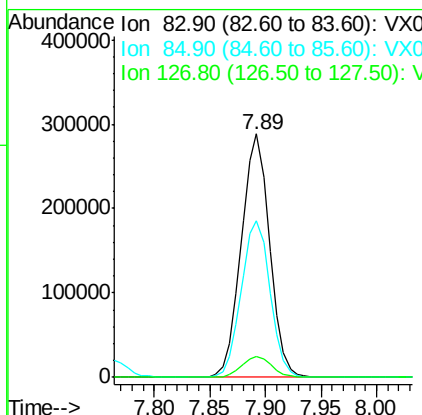
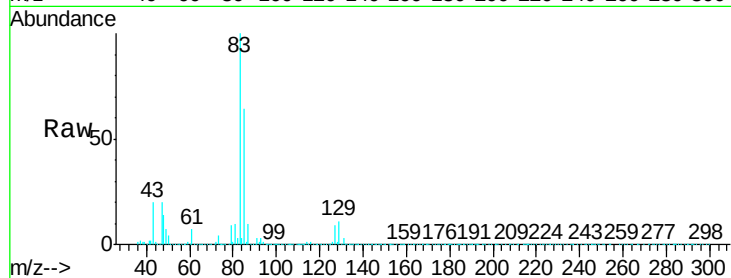
#47
Bromodichloromethane
Concen: 52.027 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.1	53.7	80.5
127	8.5	6.4	9.6

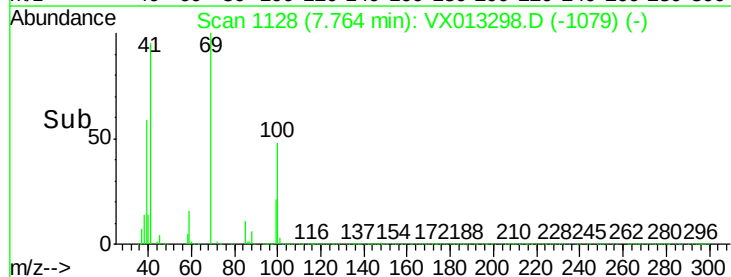
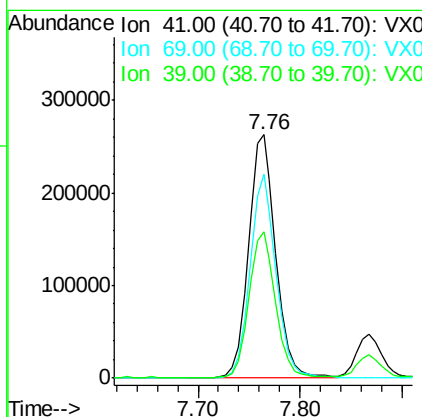
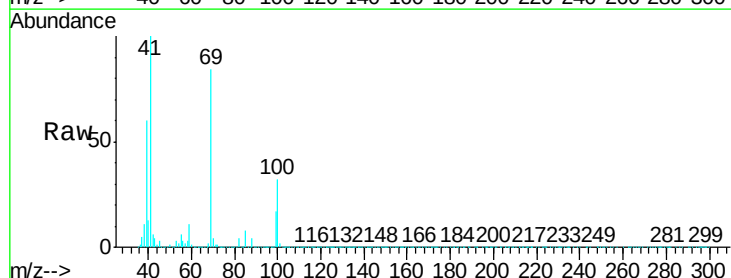
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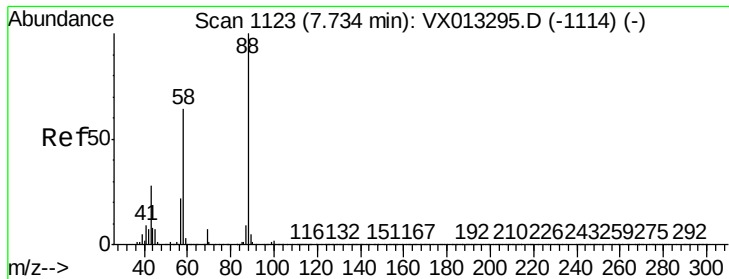
MMDadoda
11/4/2019 3:41:23 PM



#48
Methyl methacrylate
Concen: 52.649 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
69	80.8	63.0	94.6
39	59.1	45.9	68.9





#49

1,4-Dioxane

Concen: 987.030 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

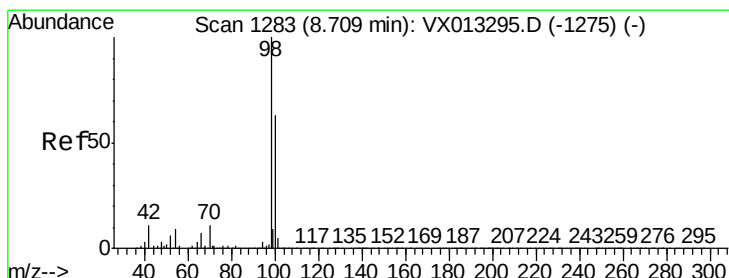
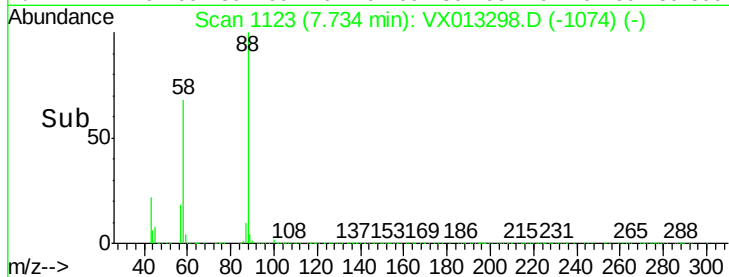
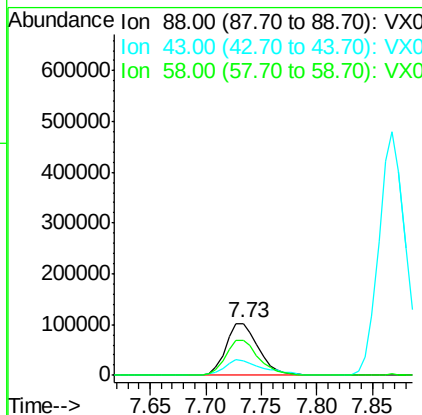
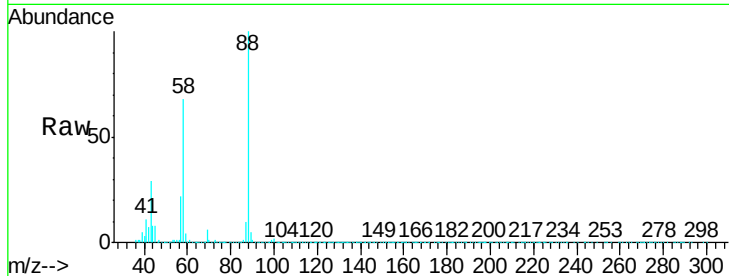
ClientSampleId :

ICVVX103119

Tgt Ion:	88	Resp:	207785
Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.6	39.8
58	69.5	55.0	82.6

Manual Integrations
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11/4/2019 3:41:23 PM



#50

Toluene-d8

Concen: 50.427 ug/l

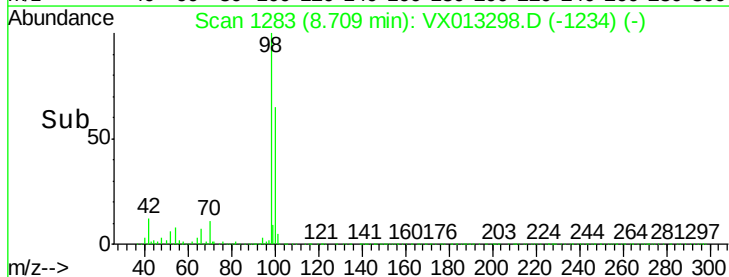
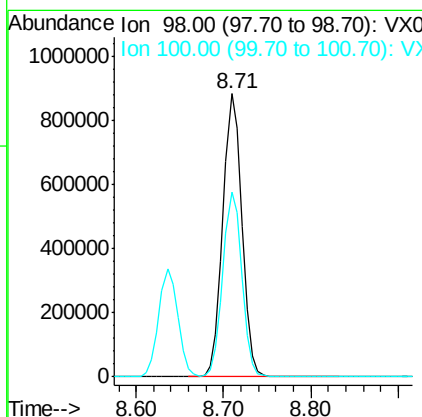
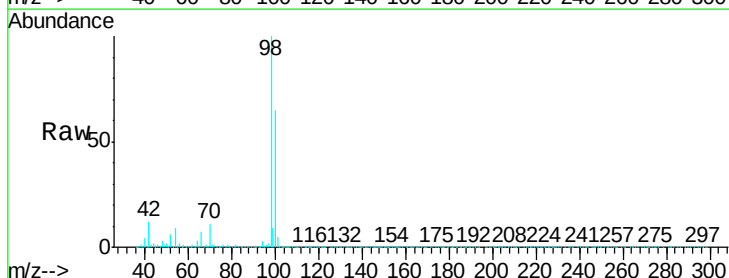
RT: 8.71 min Scan# 1283

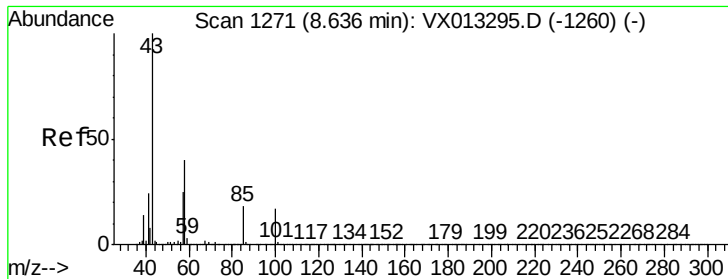
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion:	98	Resp:	1330203
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





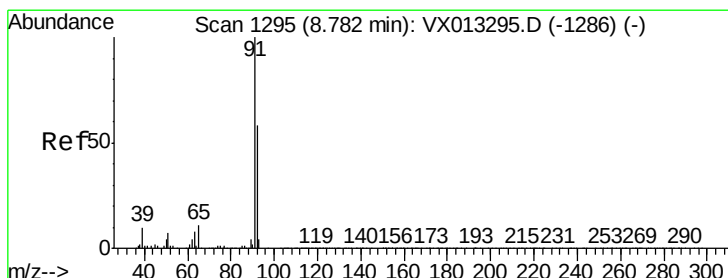
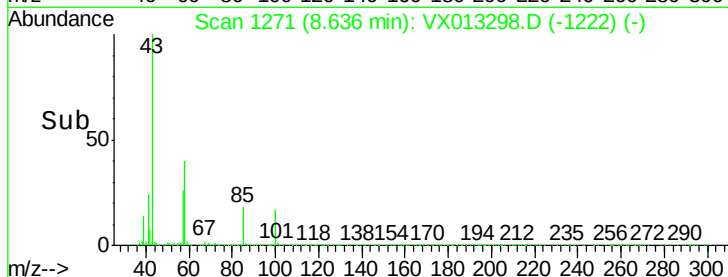
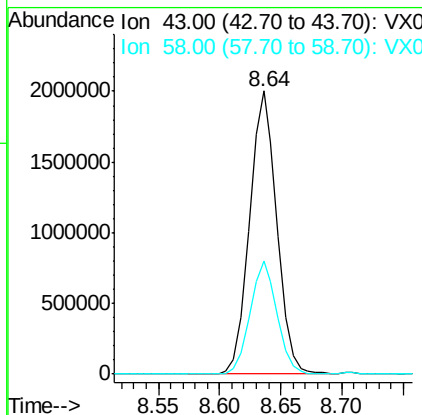
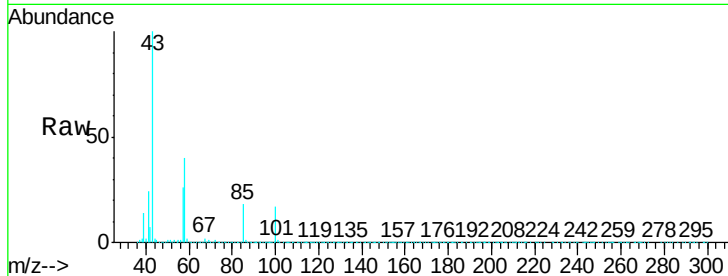
#51
 4-Methyl-2-Pentanone
 Concen: 256.555 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion: 43 Resp: 3099667
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.0

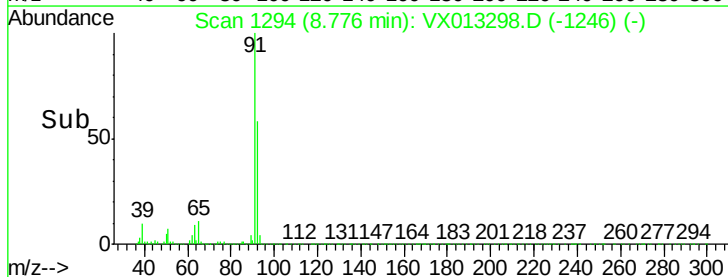
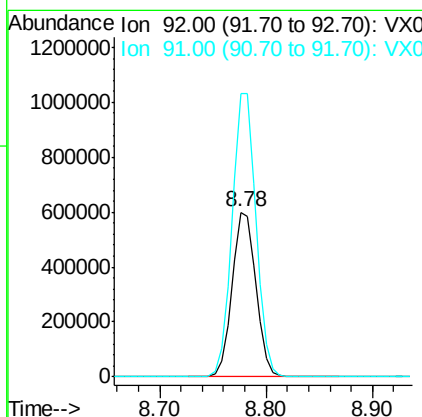
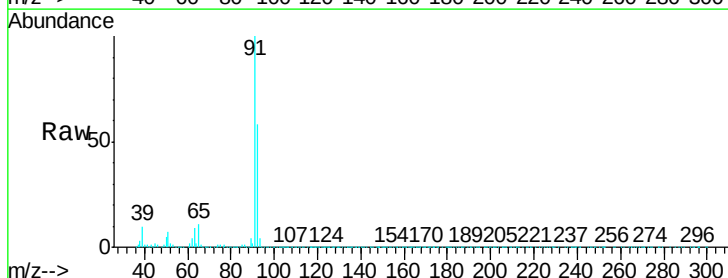
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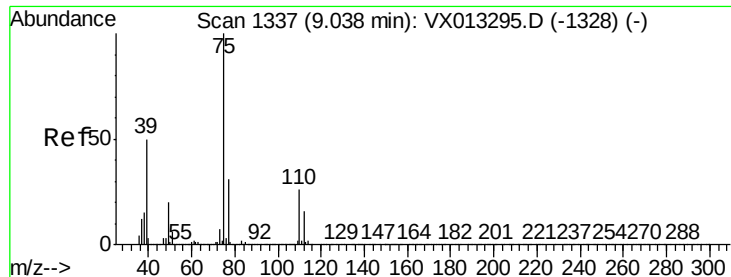
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#52
 Toluene
 Concen: 51.053 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion: 92 Resp: 943320
 Ion Ratio Lower Upper
 92 100
 91 172.9 138.0 207.0





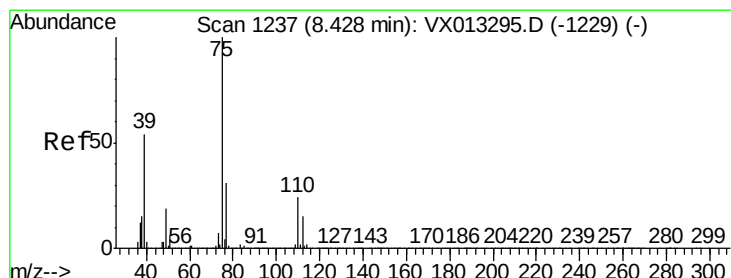
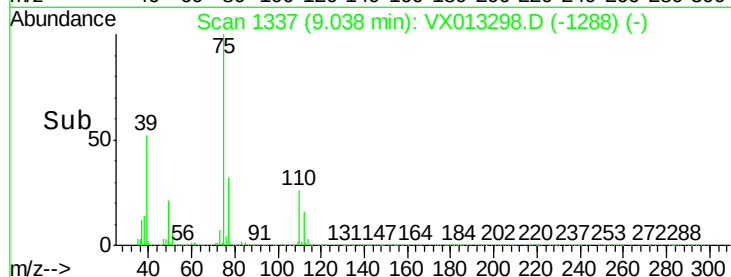
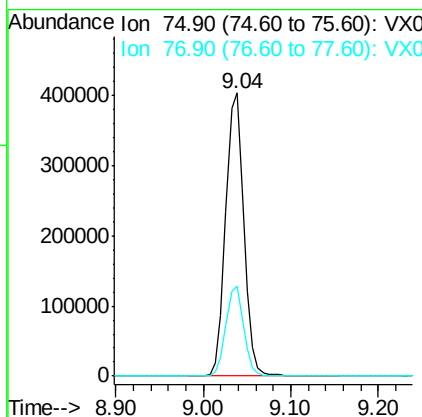
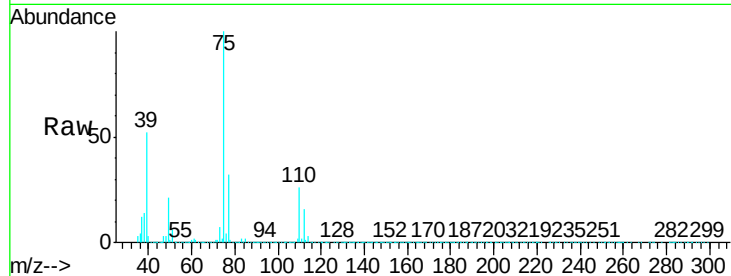
#53
t-1,3-Dichloropropene
Concen: 54.189 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion: 75 Resp: 579507
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

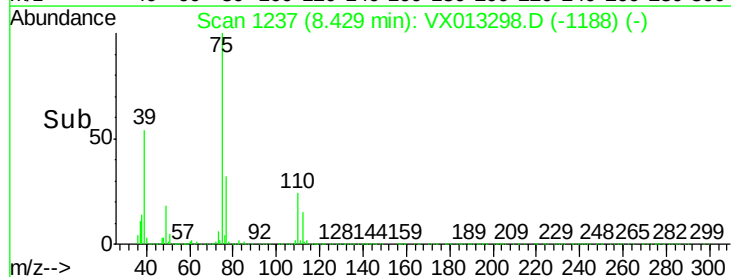
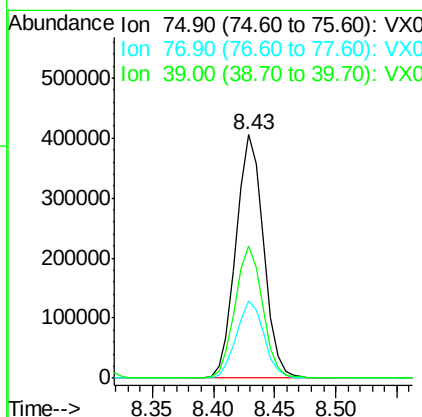
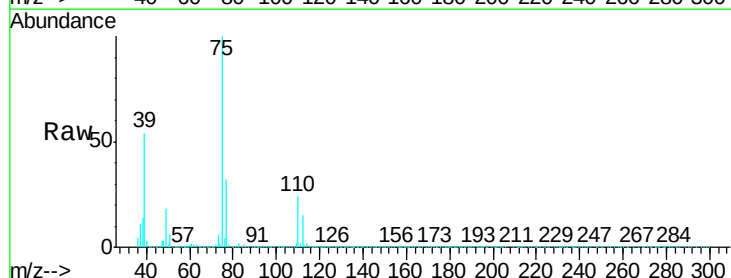
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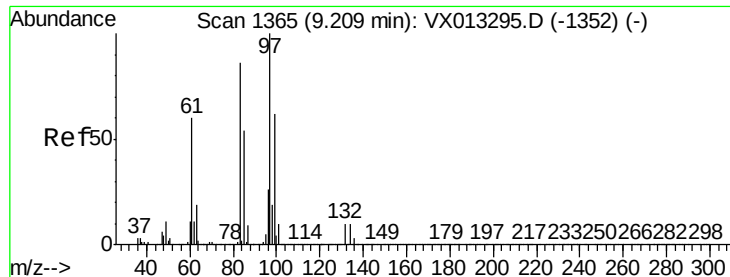
MMDadoda
11/4/2019 3:41:23 PM



#54
cis-1,3-Dichloropropene
Concen: 52.785 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 75 Resp: 631439
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1
39 54.2 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 50.362 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

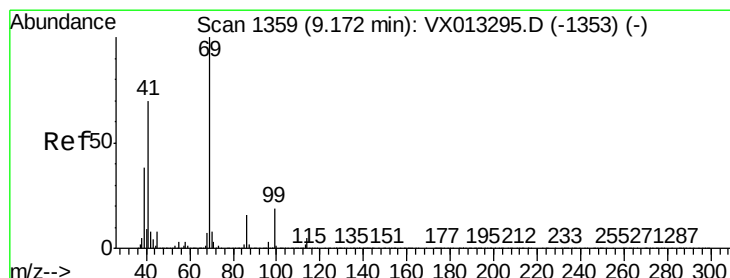
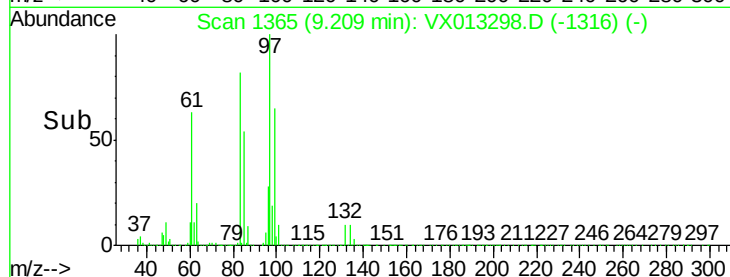
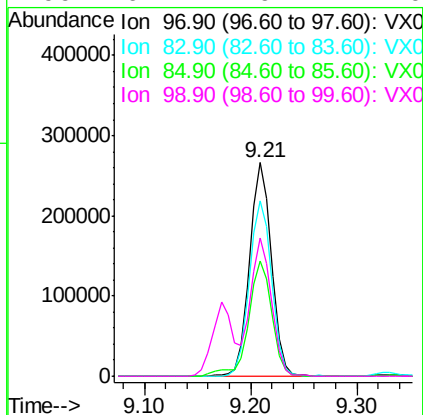
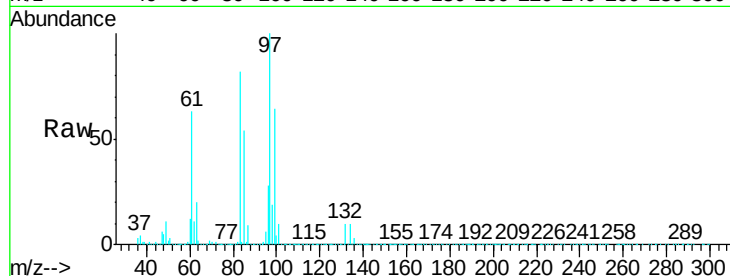
ClientSampleId :

ICVVX103119

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		385704		
83	82.2	68.6	103.0		
85	54.2	43.1	64.7		
99	64.4	49.4	74.0		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.700 ug/l

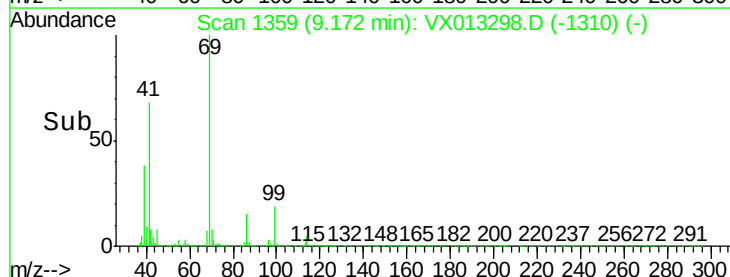
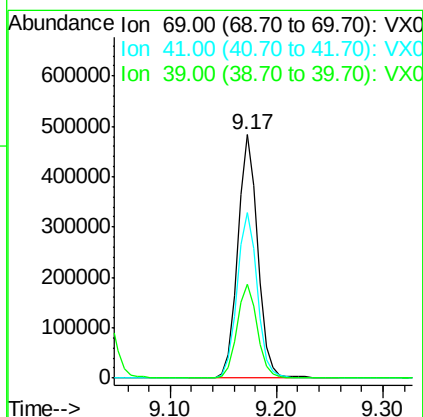
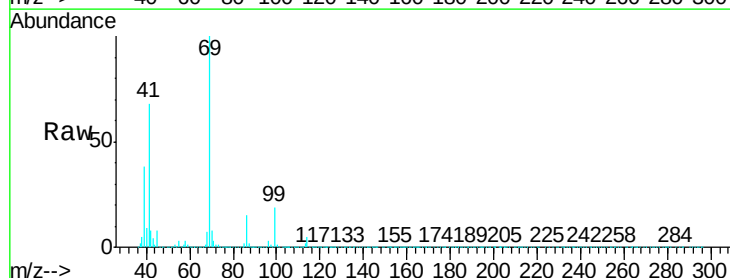
RT: 9.17 min Scan# 1359

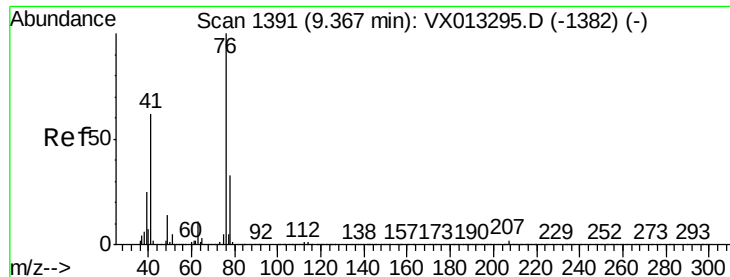
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		636189		
41	69.1	56.2	84.2		
39	38.8	31.1	46.7		





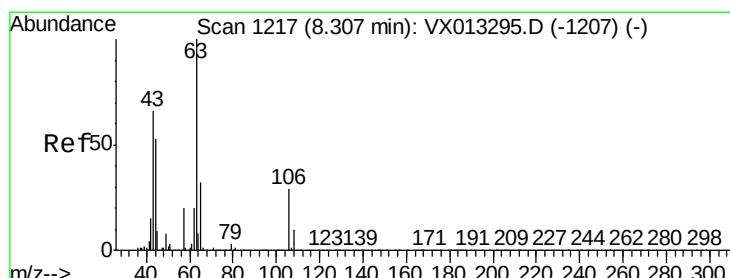
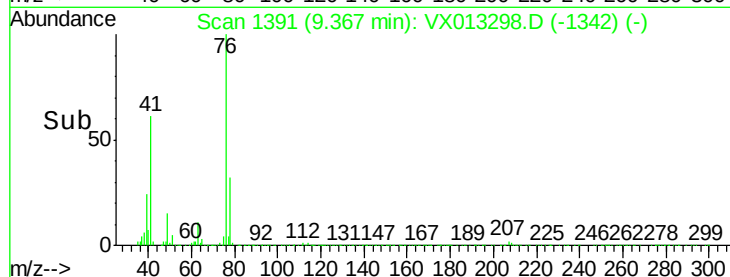
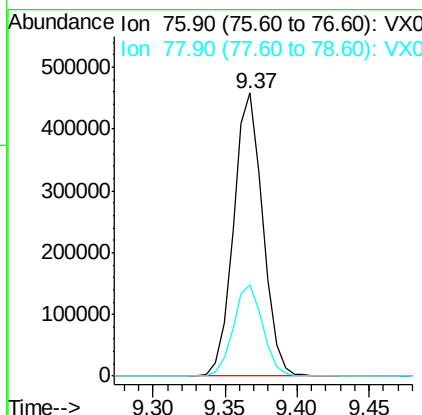
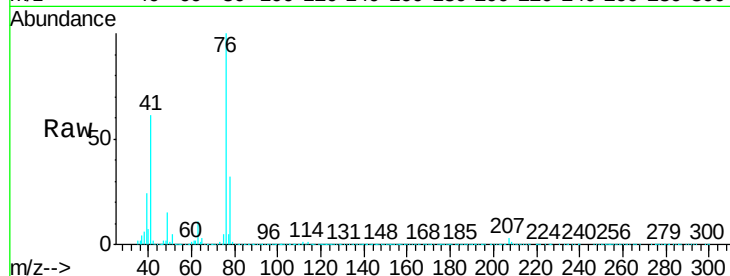
#57
 1,3-Dichloropropane
 Concen: 49.919 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

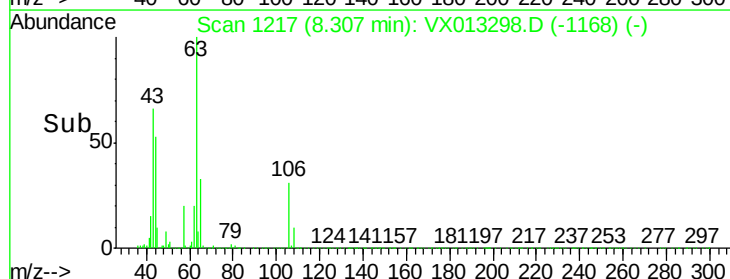
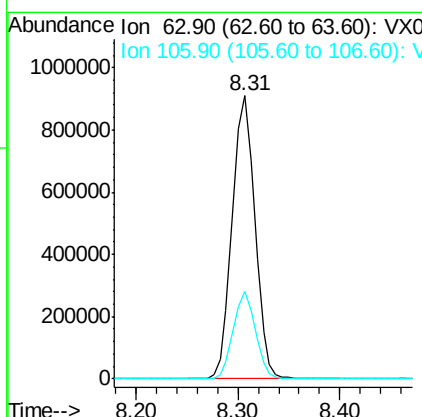
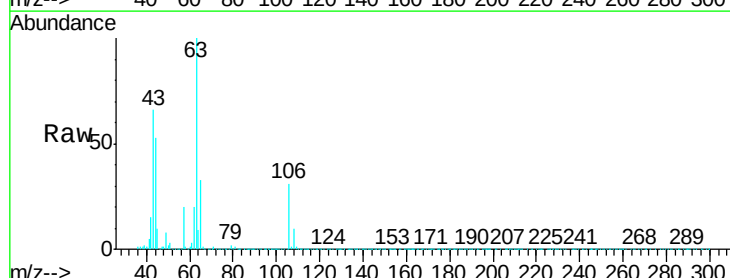
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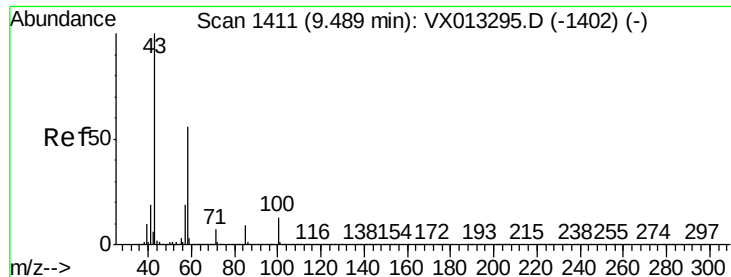
MMDadoda
 11/4/2019 3:41:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.391 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.4	35.2





#59

2-Hexanone

Concen: 259.854 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 43 Resp: 2426155

Ion Ratio Lower Upper

43 100

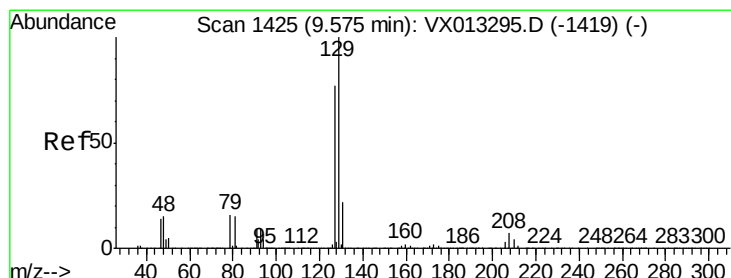
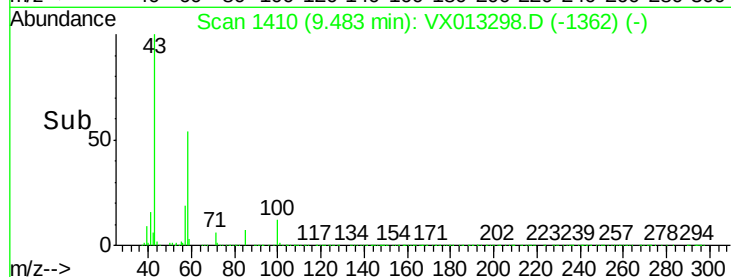
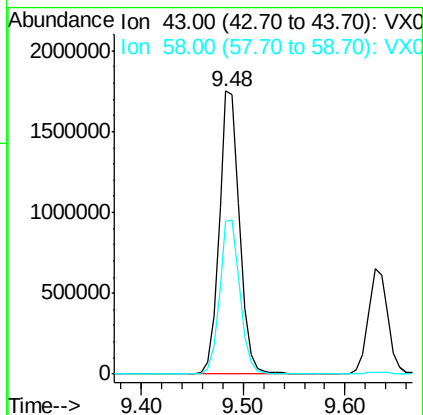
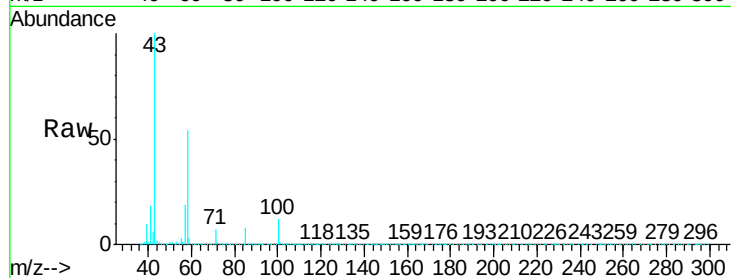
58 54.7 27.3 81.8

Manual Integrations

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11/4/2019 3:41:23 PM



#60

Dibromochloromethane

Concen: 53.657 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013298.D

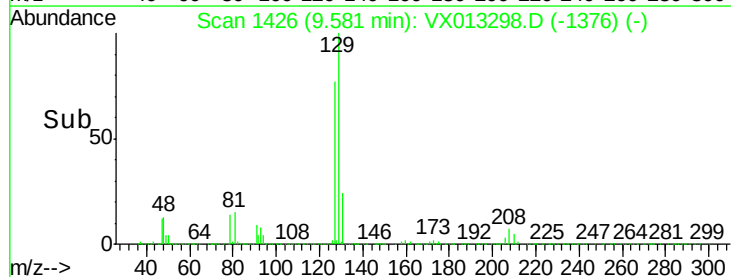
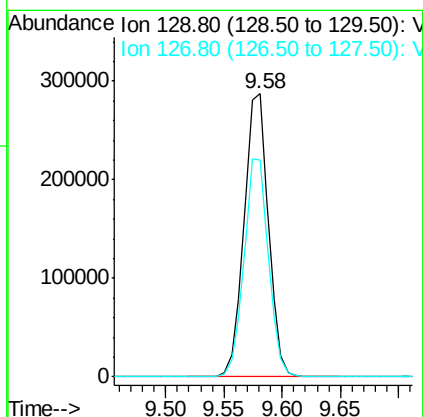
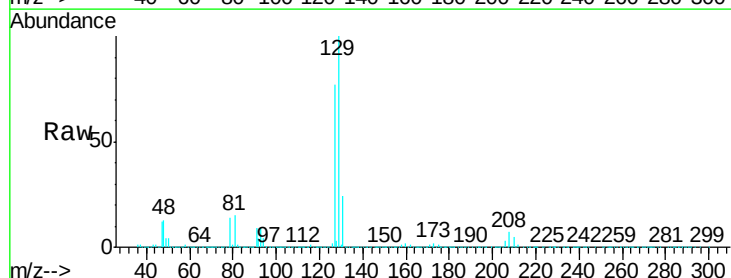
Acq: 31 Oct 2019 18:39

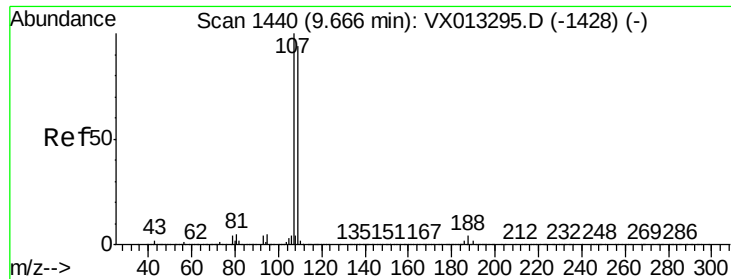
Tgt Ion: 129 Resp: 420276

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.2





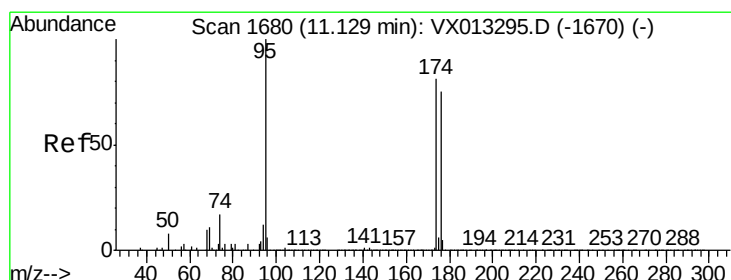
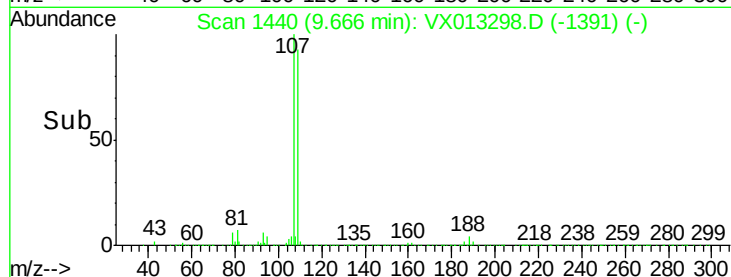
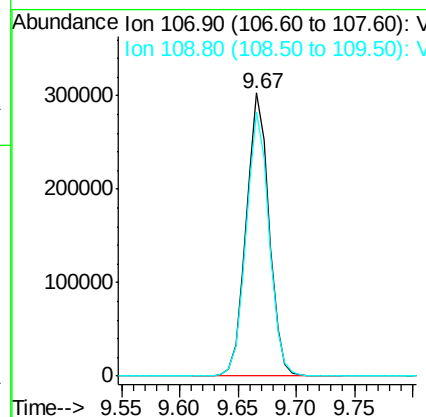
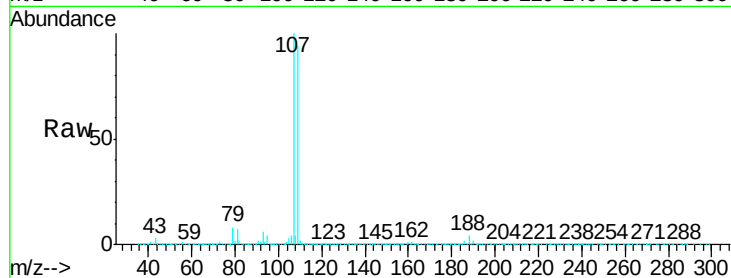
#61
 1,2-Dibromoethane
 Concen: 51.067 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	415297		
109	94.5	75.1	112.7	

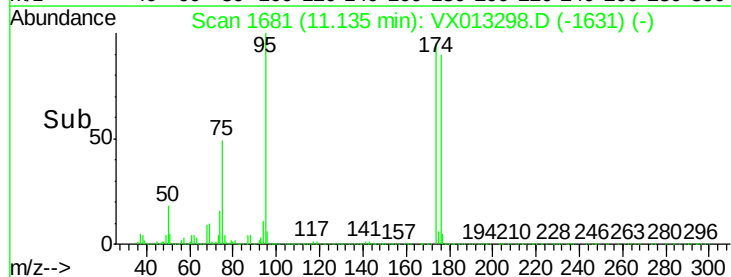
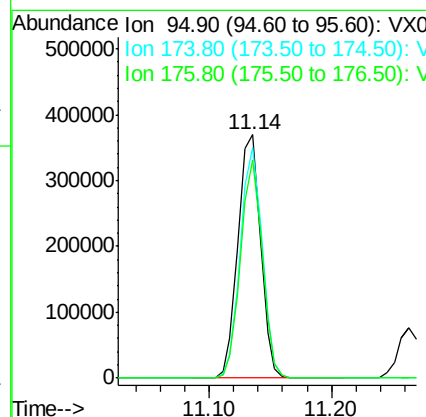
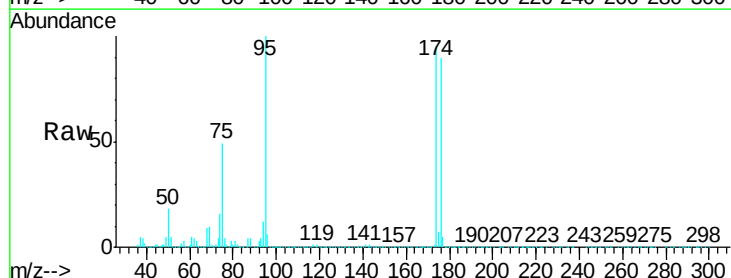
Manual Integrations
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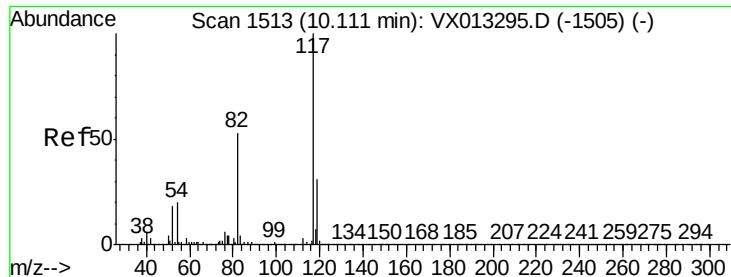
MMDadoda
 11/4/2019 3:41:23 PM



#62
 4-Bromofluorobenzene
 Concen: 49.484 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	471101		
174	91.9	0.0	179.8	
176	86.1	0.0	173.0	





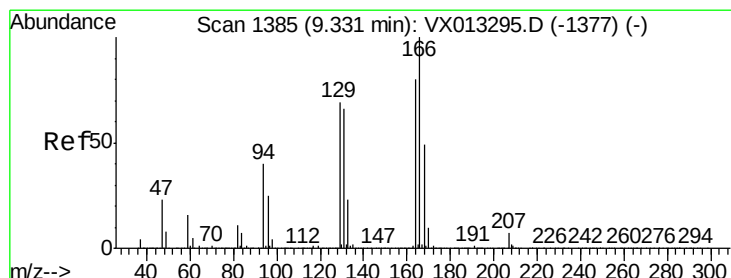
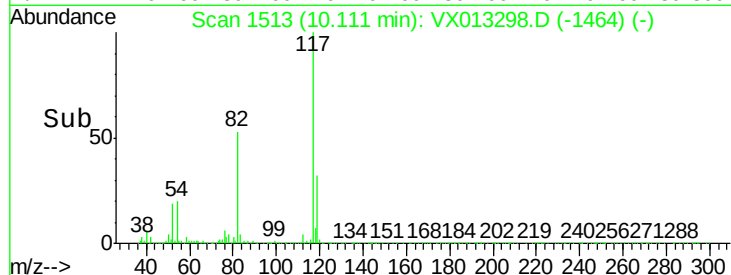
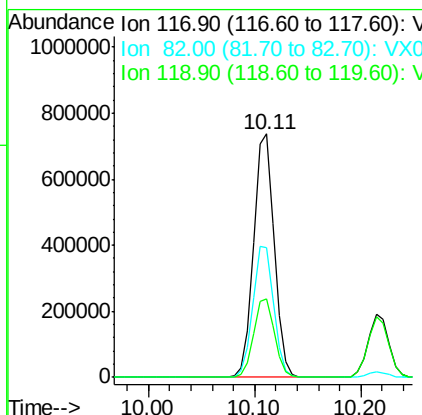
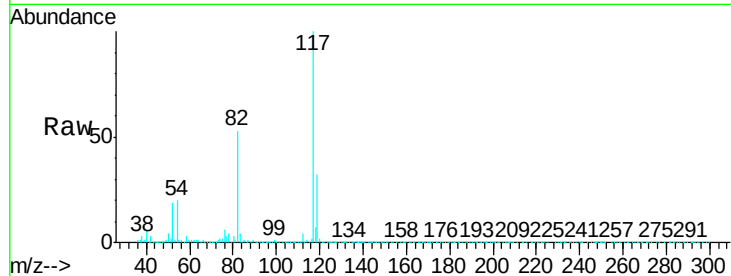
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	64.0
119	32.2	24.8	37.2

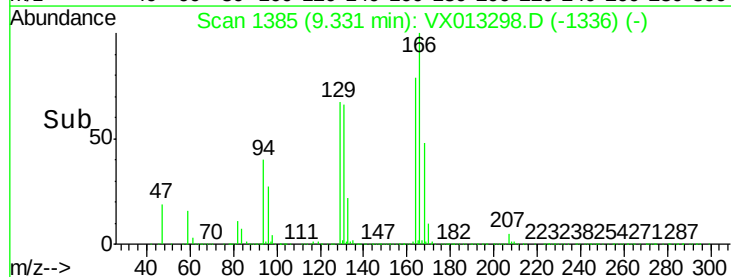
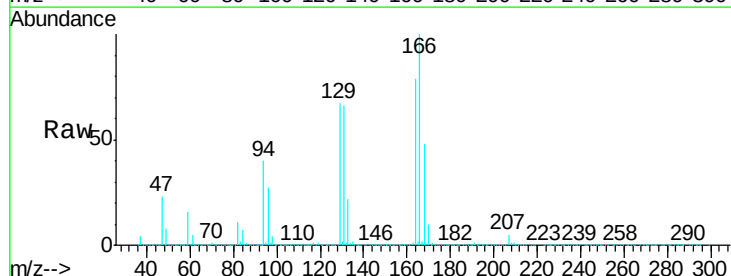
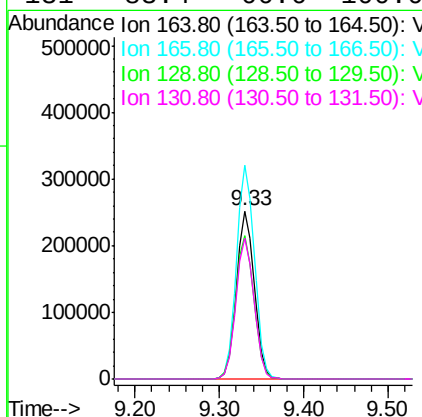
Manual Integrations
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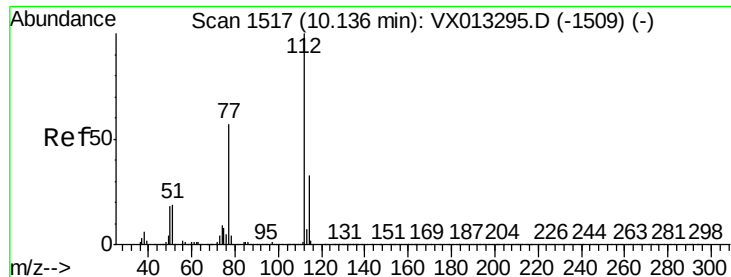
MMDadoda
11/4/2019 3:41:23 PM



#64
Tetrachloroethene
Concen: 49.900 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.4	150.6
129	85.3	69.4	104.2
131	83.4	66.6	100.0





#65

Chlorobenzene

Concen: 49.907 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion:112 Resp: 1016525

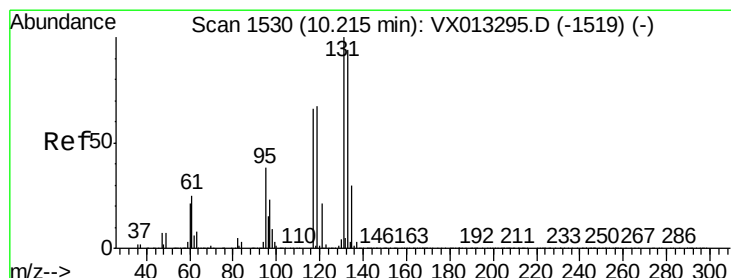
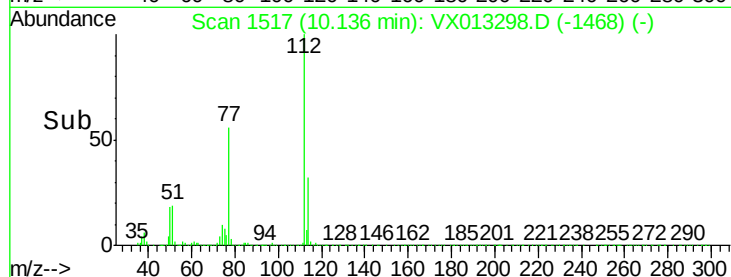
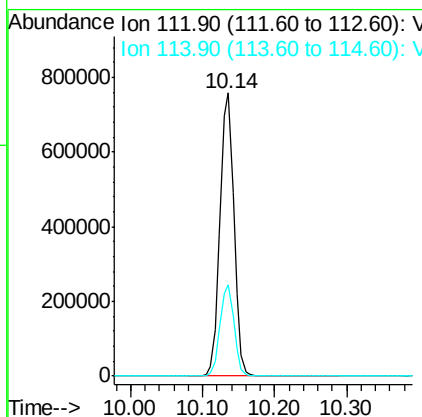
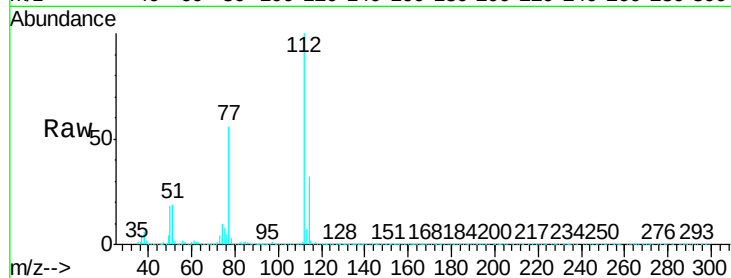
Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6

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11/4/2019 3:41:23 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 51.838 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

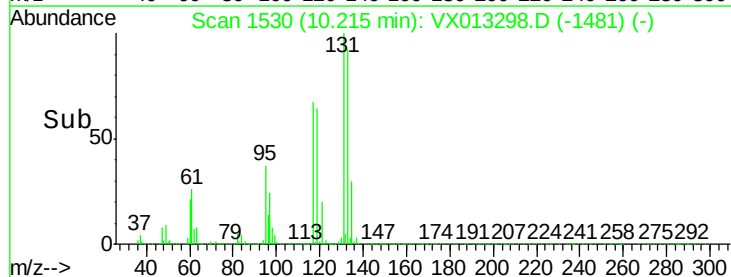
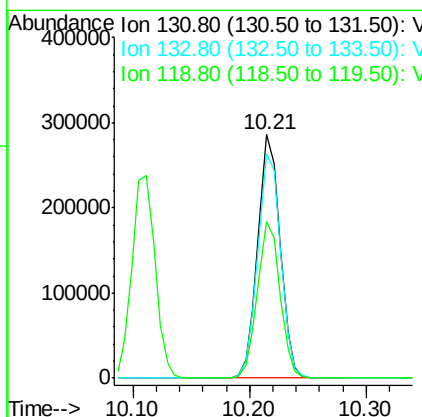
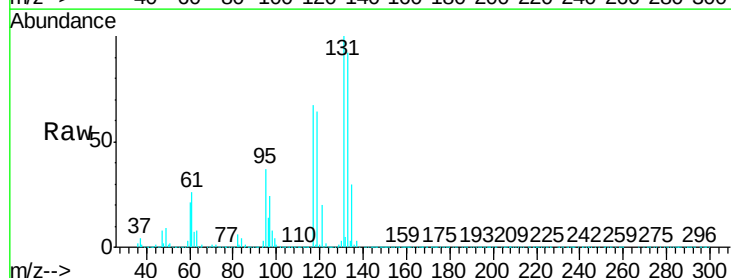
Tgt Ion:131 Resp: 387682

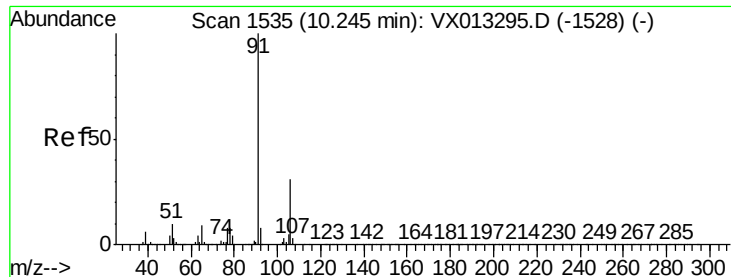
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.0

119 64.8 33.0 99.0





#67

Ethyl Benzene

Concen: 51.446 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 91 Resp: 1808514

Ion Ratio Lower Upper

91 100

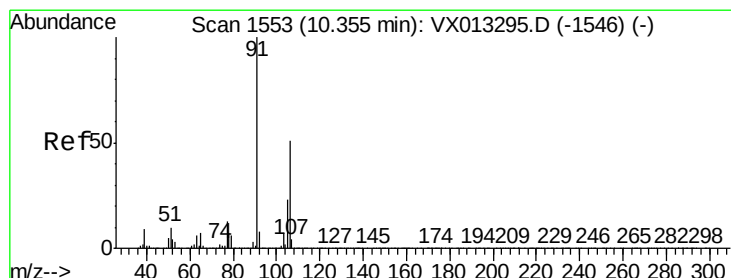
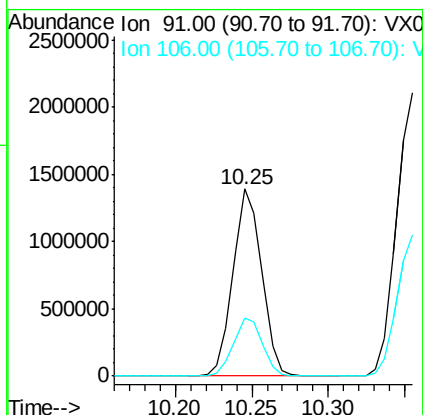
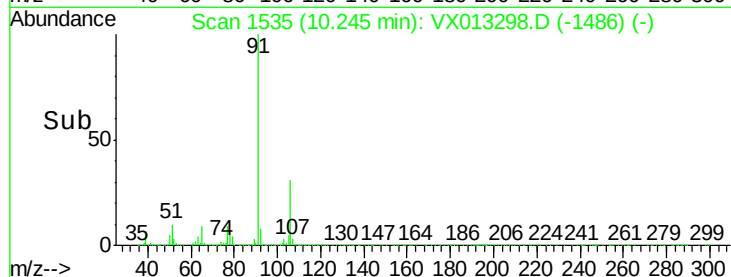
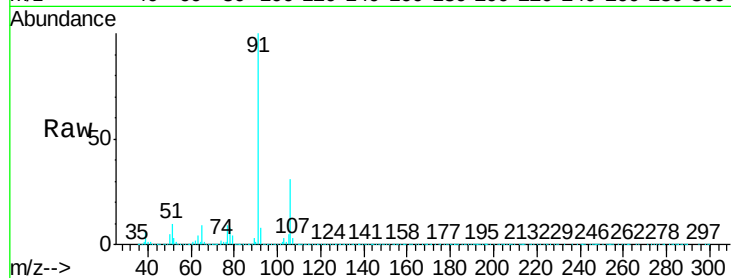
106 31.2 24.6 36.8

Manual Integrations

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11/4/2019 3:41:23 PM



#68

m/p-Xylenes

Concen: 103.041 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013298.D

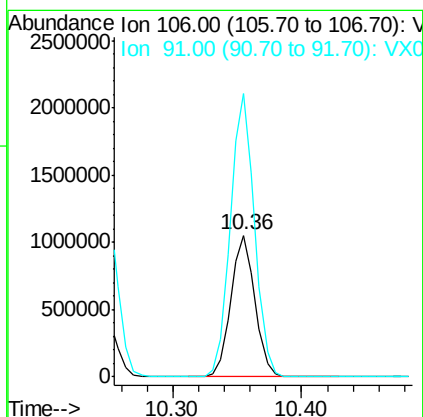
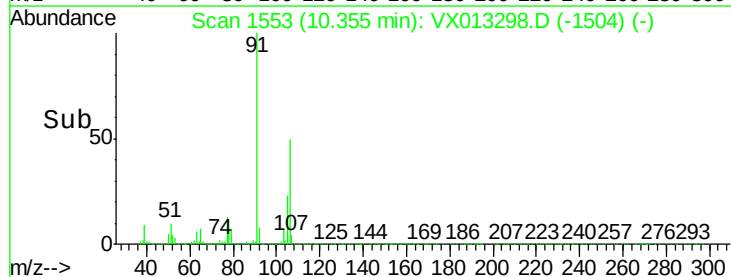
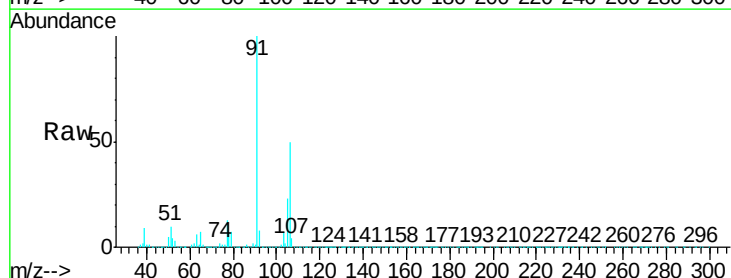
Acq: 31 Oct 2019 18:39

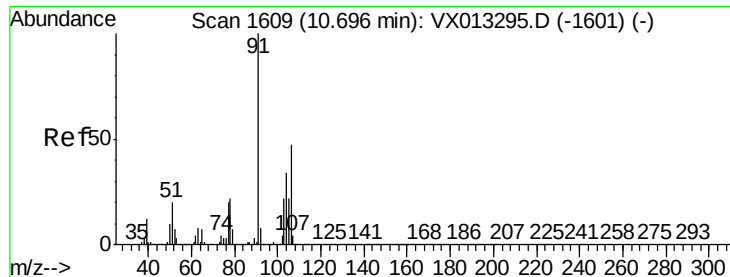
Tgt Ion: 106 Resp: 1369905

Ion Ratio Lower Upper

106 100

91 201.3 159.3 238.9





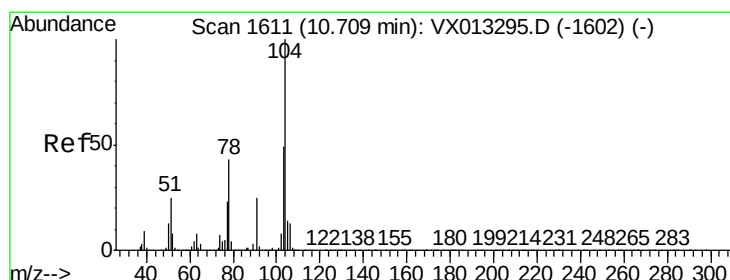
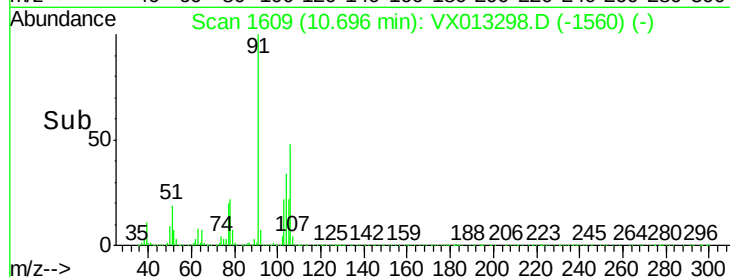
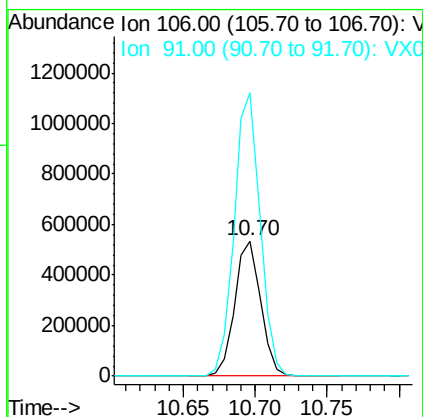
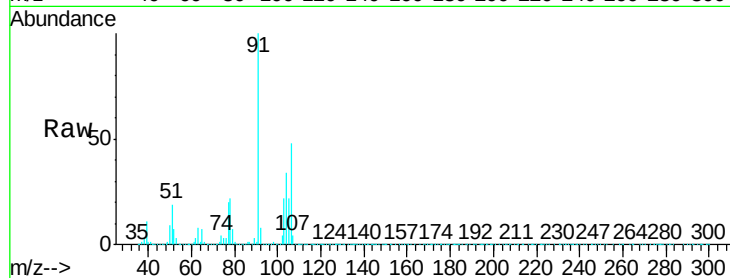
#69
o-Xylene
Concen: 51.758 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion:106 Resp: 673674
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.0

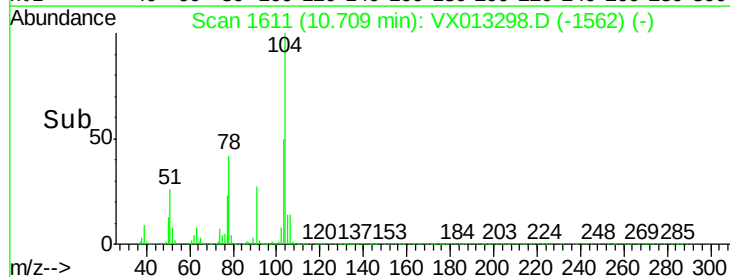
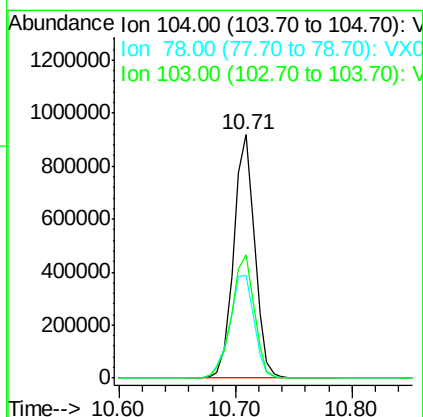
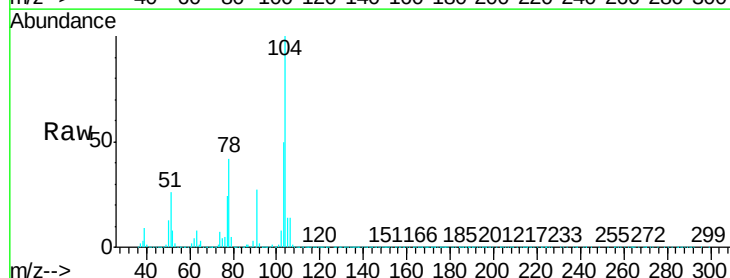
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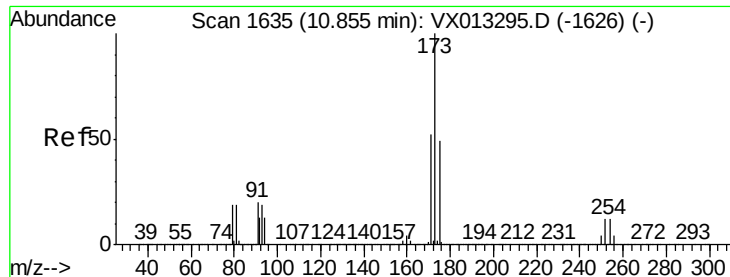
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11/4/2019 3:41:23 PM



#70
Styrene
Concen: 53.159 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion:104 Resp: 1156627
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 55.0 44.1 66.1





#71

Bromoform

Concen: 47.843 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion:173 Resp: 330732
Ion Ratio Lower Upper

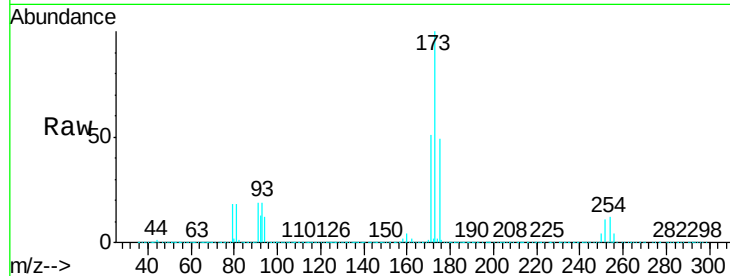
173 100

175 48.8 24.8 74.4

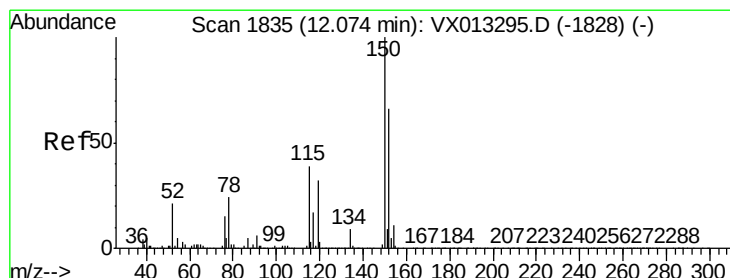
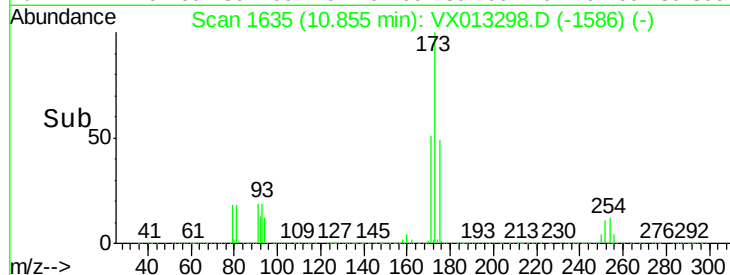
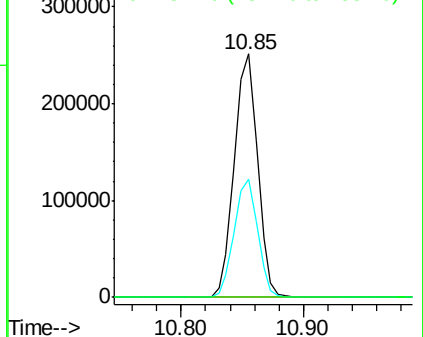
254 0.4 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013298.D

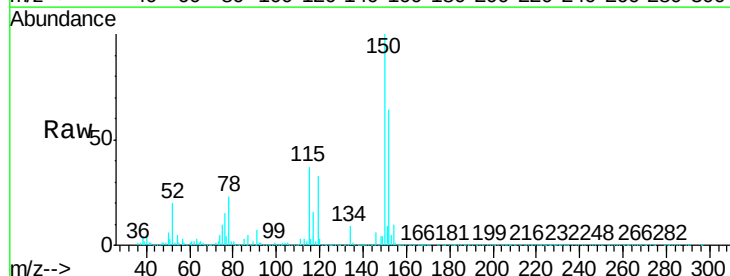
Acq: 31 Oct 2019 18:39

Tgt Ion:152 Resp: 518950
Ion Ratio Lower Upper

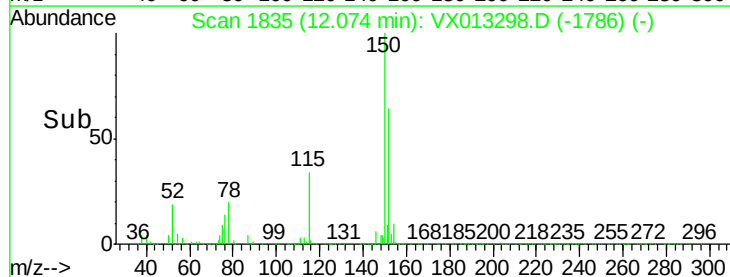
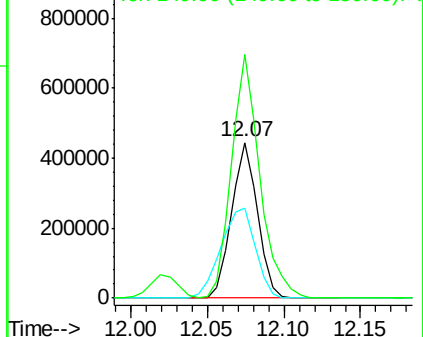
152 100

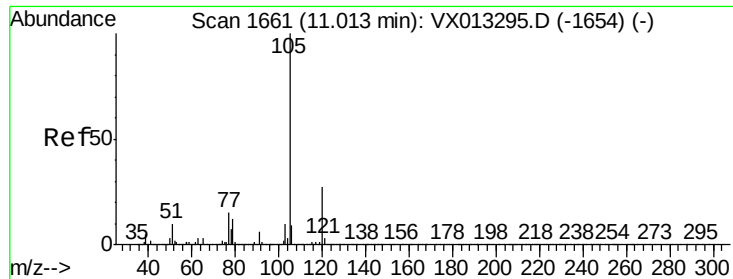
115 77.7 39.5 118.3

150 172.4 0.0 344.4



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





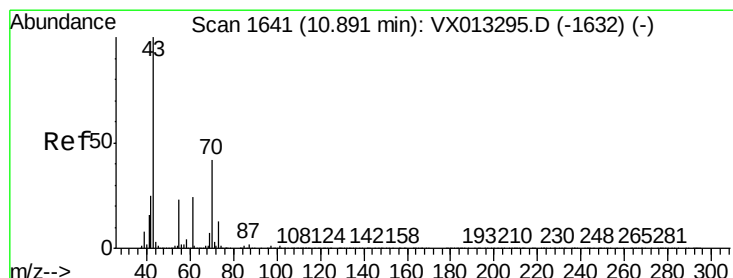
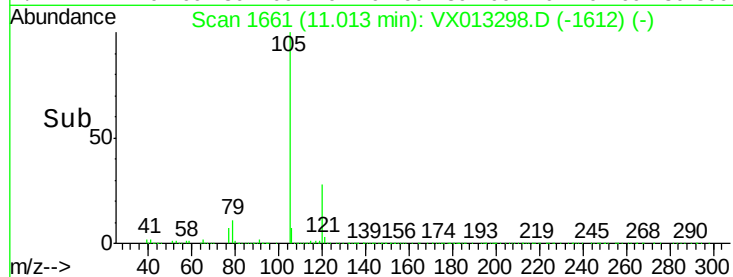
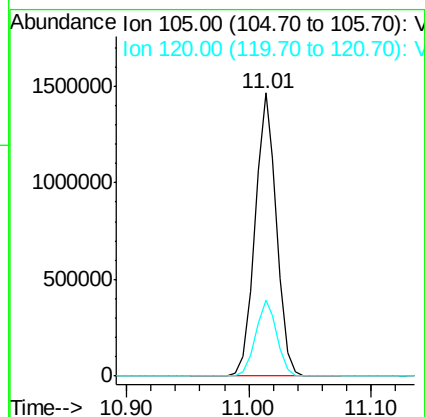
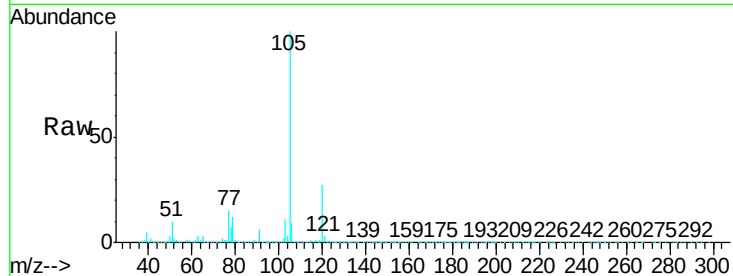
#73
Isopropylbenzene
Concen: 51.718 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion: 105 Resp: 1779453
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

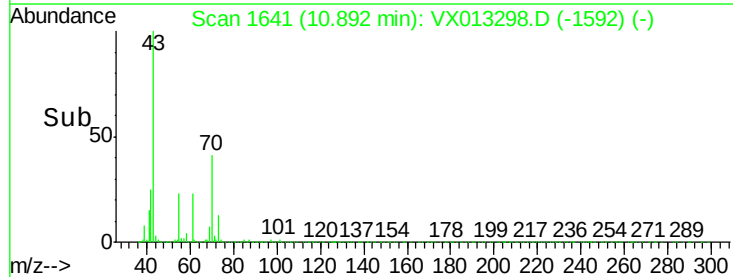
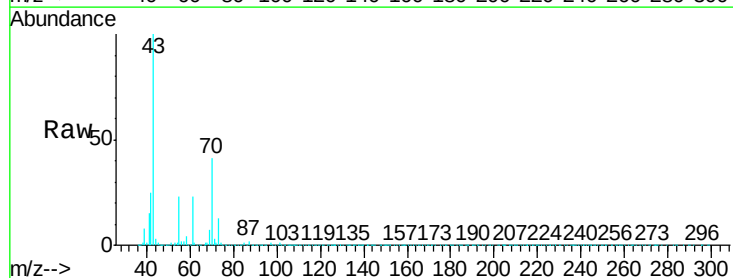
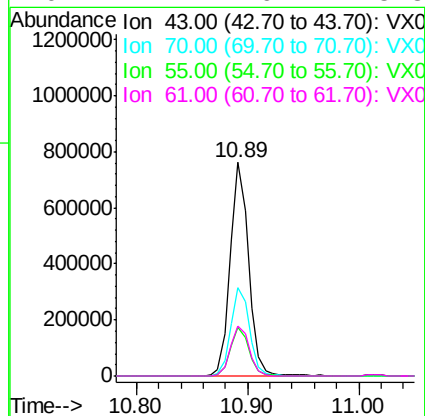
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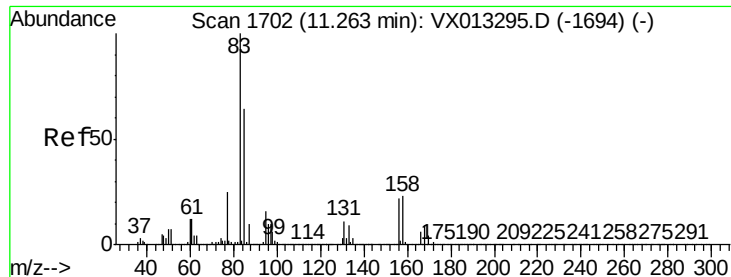
MMDadoda
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#74
N-ethyl acetate
Concen: 54.455 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 43 Resp: 868847
Ion Ratio Lower Upper
43 100
70 42.5 34.1 51.1
55 23.1 18.9 28.3
61 24.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.151 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 83 Resp: 629510
Ion Ratio Lower Upper

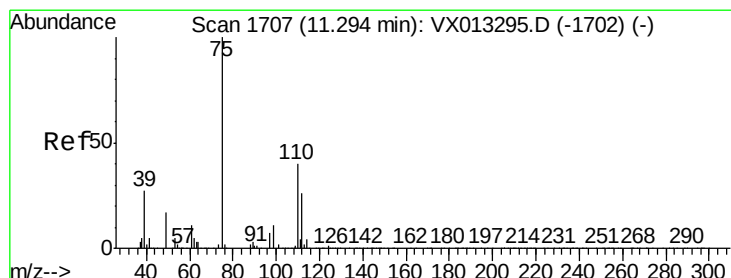
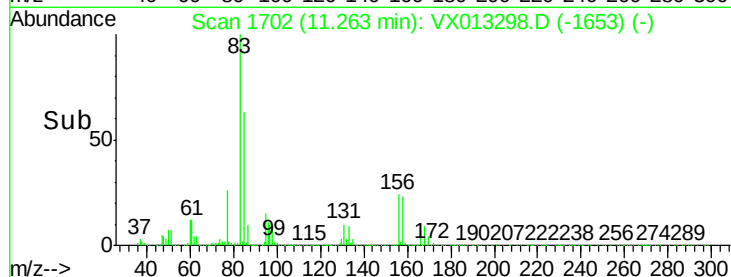
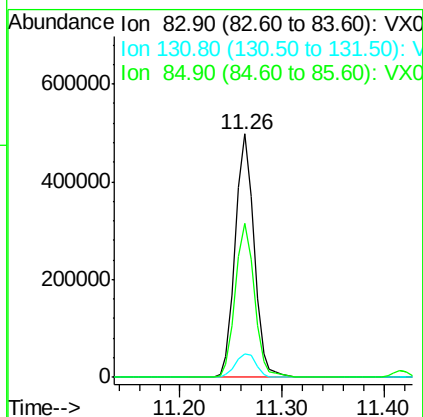
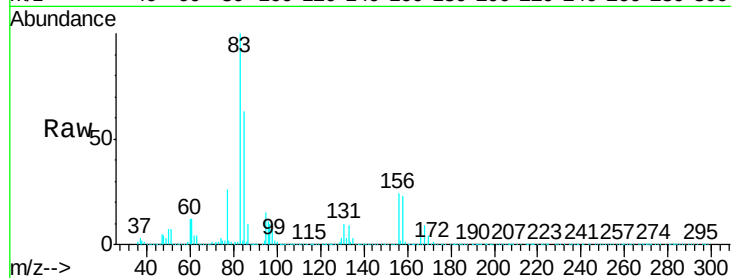
83 100

131 10.5 5.1 15.3

85 64.5 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.783 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

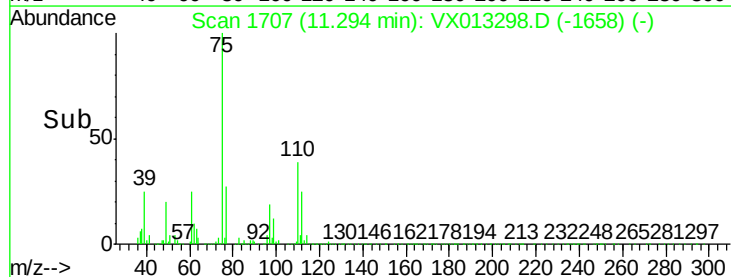
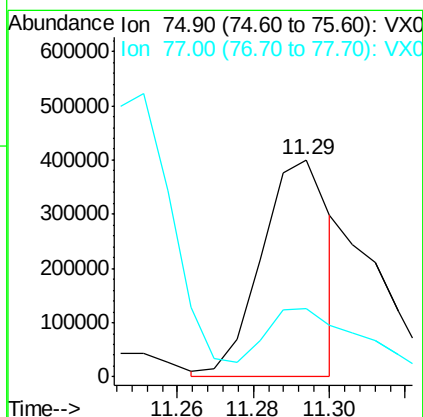
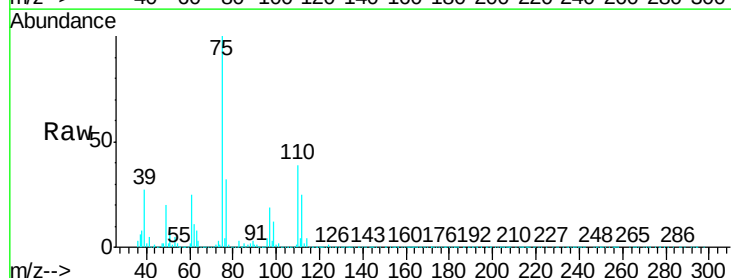
Lab File: VX013298.D

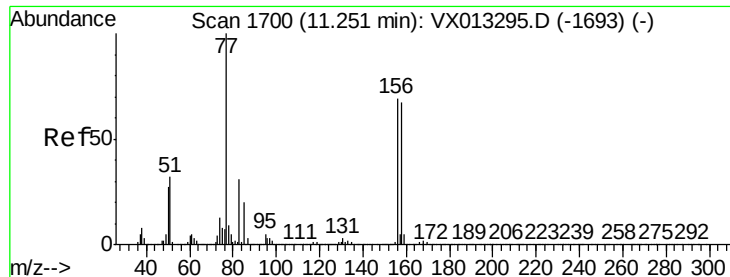
Acq: 31 Oct 2019 18:39

Tgt Ion: 75 Resp: 503662
Ion Ratio Lower Upper

75 100

77 44.7 22.3 66.8





#77

Bromobenzene

Concen: 51.116 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

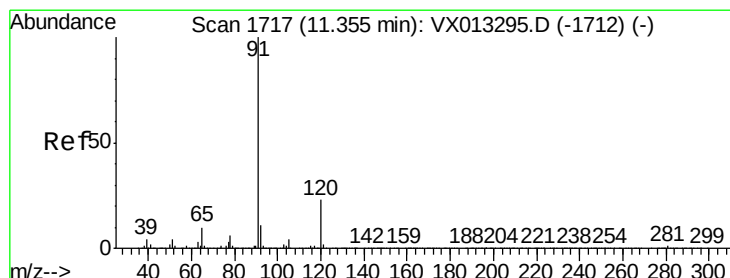
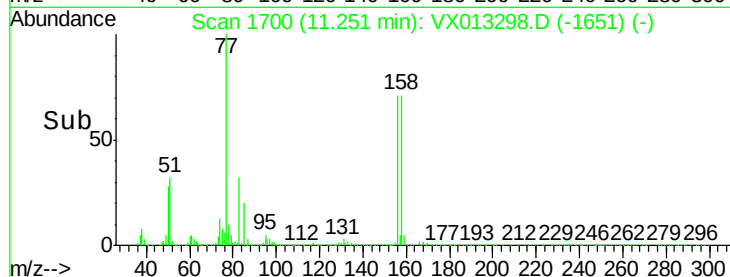
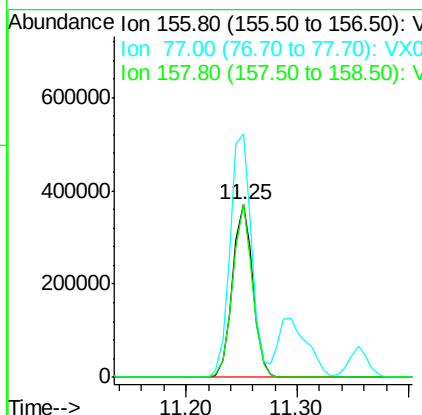
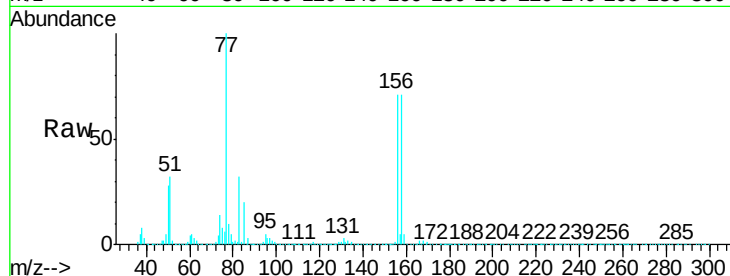
ClientSampleId :

ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	468866		
77	148.8	75.8	227.4	
158	96.2	47.6	142.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 52.604 ug/l

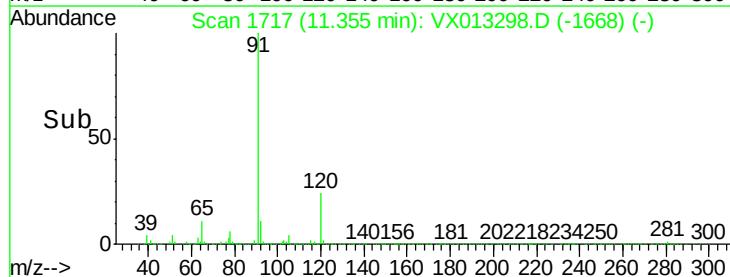
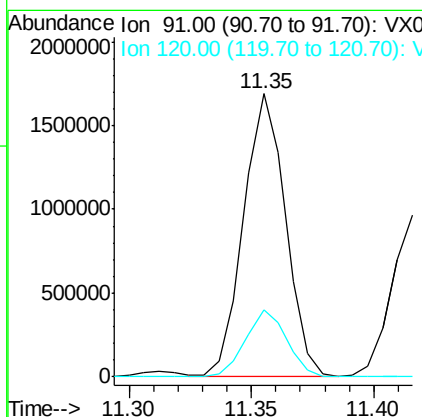
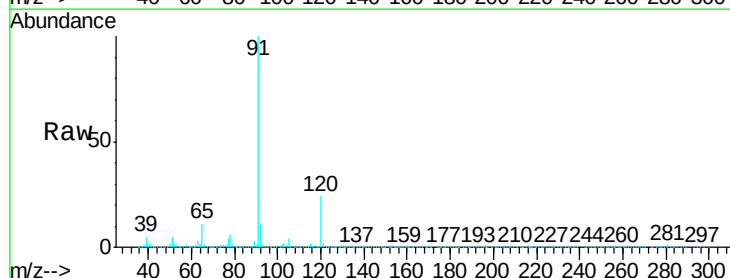
RT: 11.35 min Scan# 1717

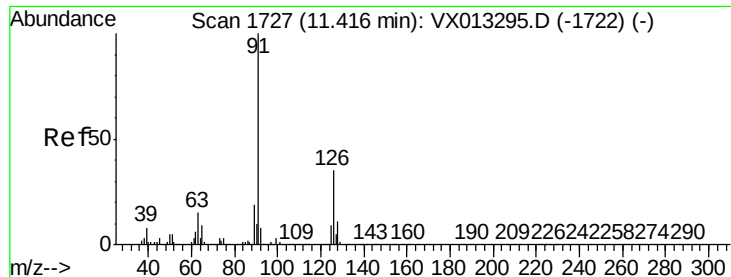
Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2016166		
120	23.5	11.6	34.8	





#79

2-Chlorotoluene

Concen: 51.277 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion: 91 Resp: 1184099

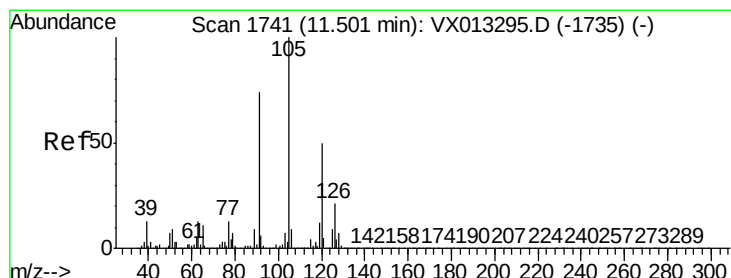
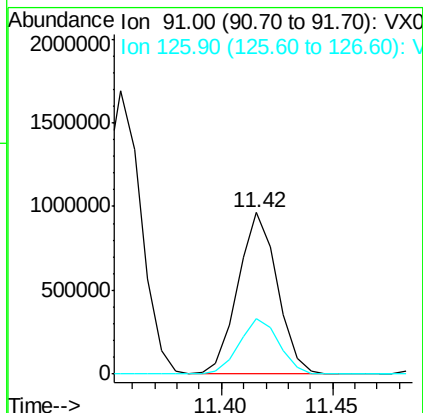
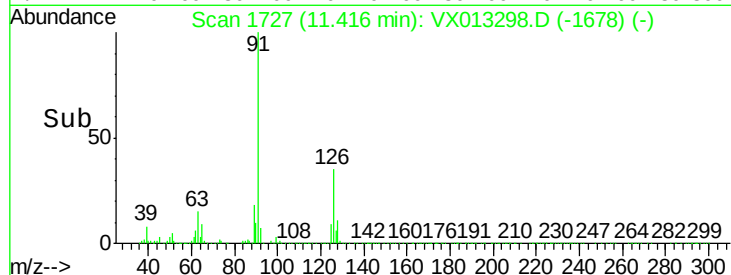
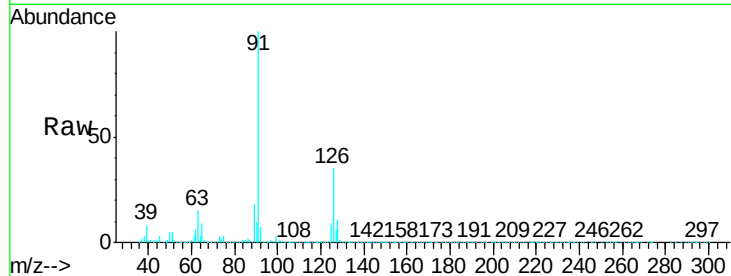
Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0

Manual Integrations
APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 52.307 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013298.D

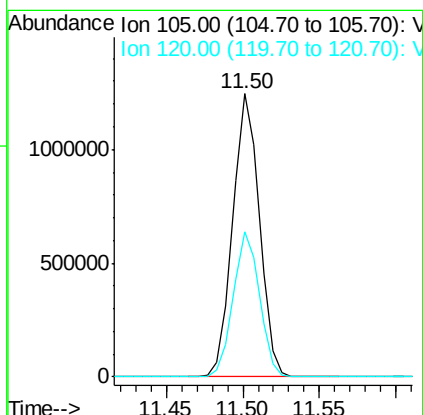
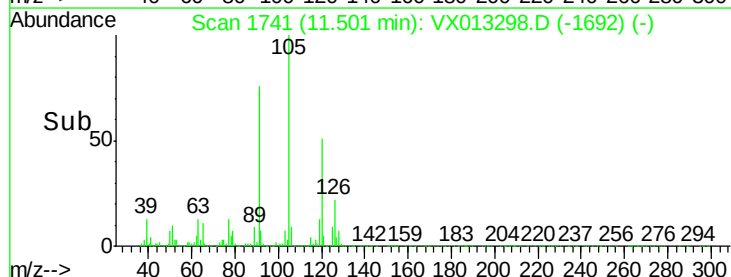
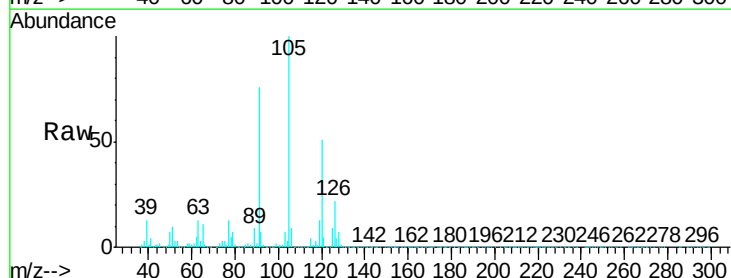
Acq: 31 Oct 2019 18:39

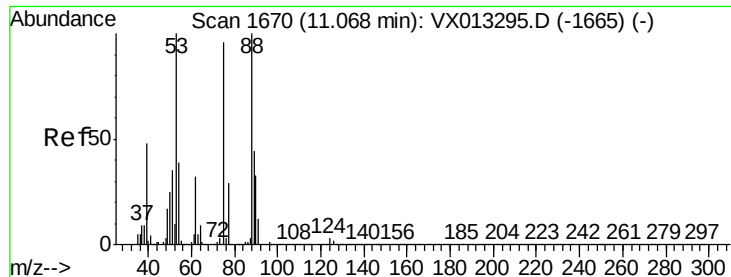
Tgt Ion: 105 Resp: 1499080

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.8





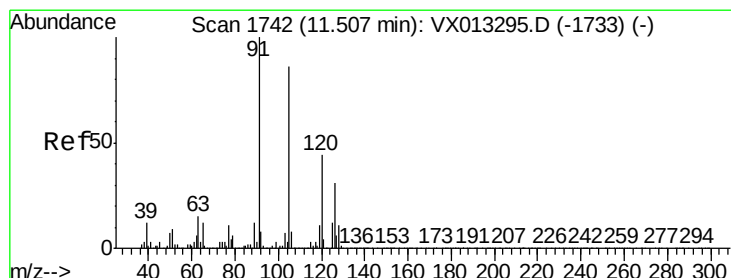
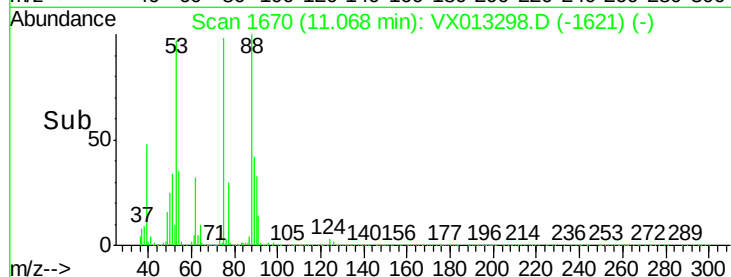
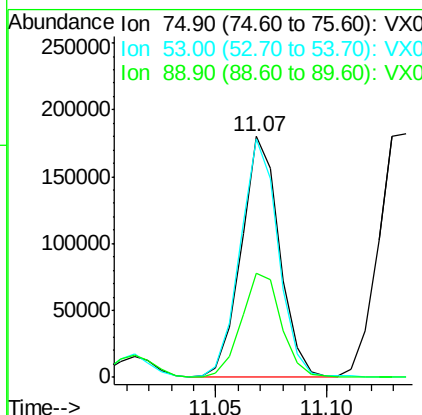
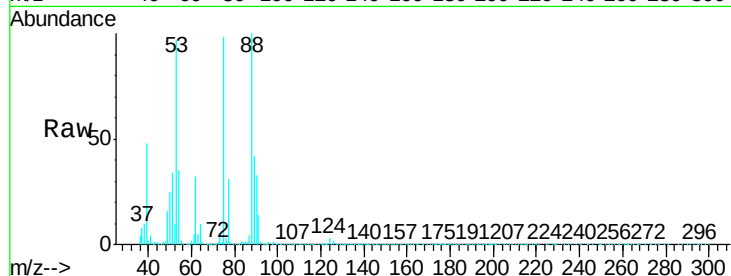
#81
trans-1,4-Dichloro-2-butene
Concen: 52.289 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.0	121.6
89	45.5	36.0	54.0

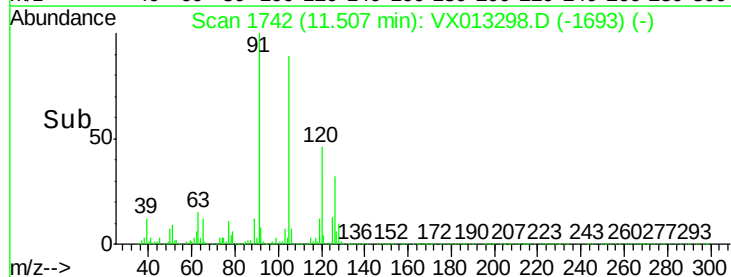
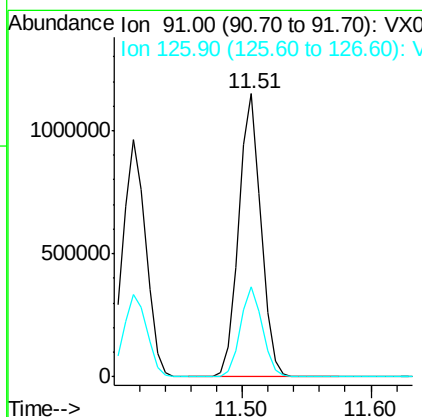
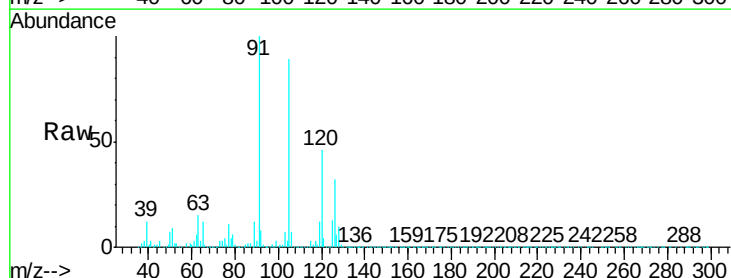
Manual Integrations
APPROVED

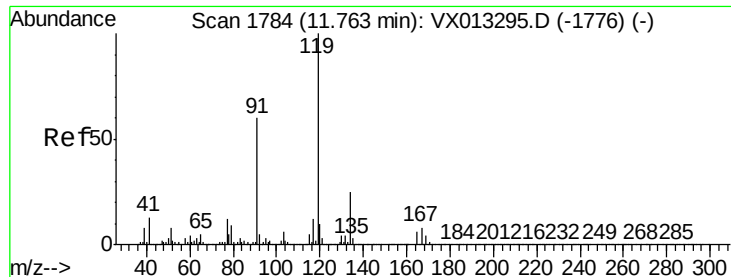
MMDadoda
11/4/2019 3:41:23 PM



#82
4-Chlorotoluene
Concen: 50.936 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.3	45.8





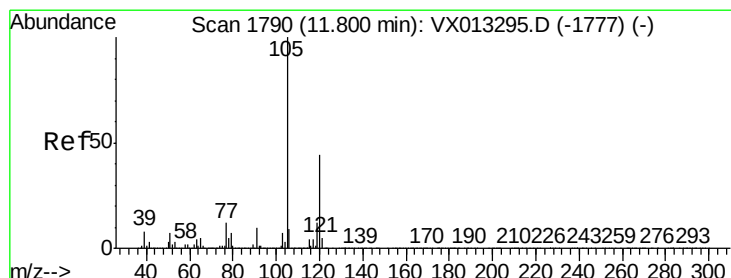
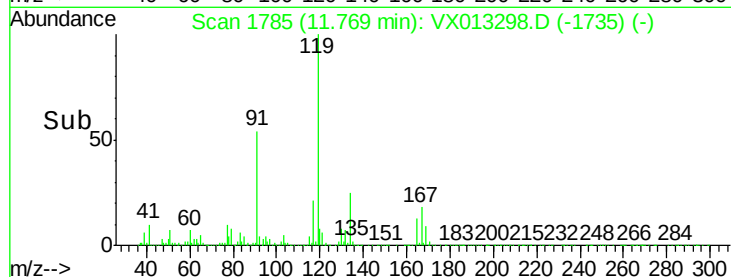
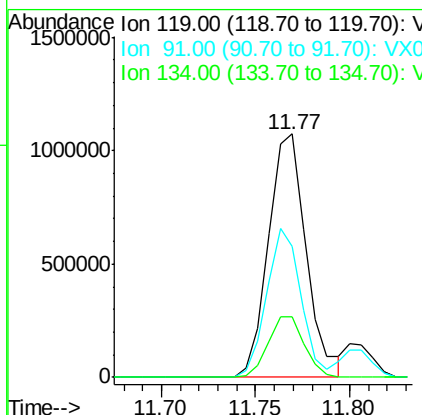
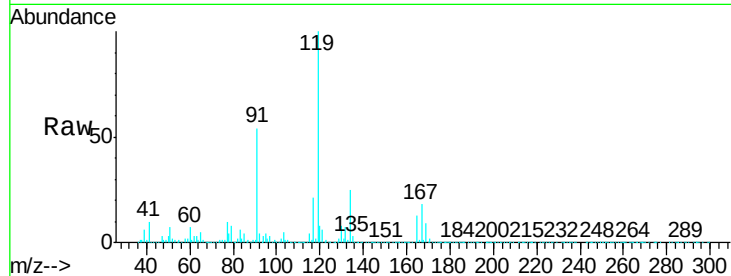
#83
tert-Butylbenzene
Concen: 51.836 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.4	26.9	80.7
134	23.9	11.7	35.1

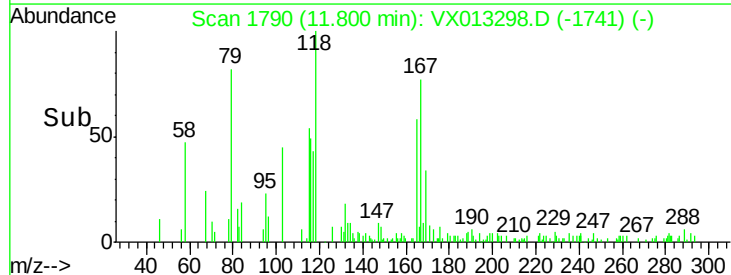
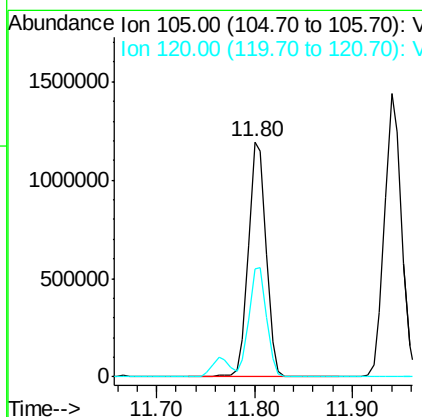
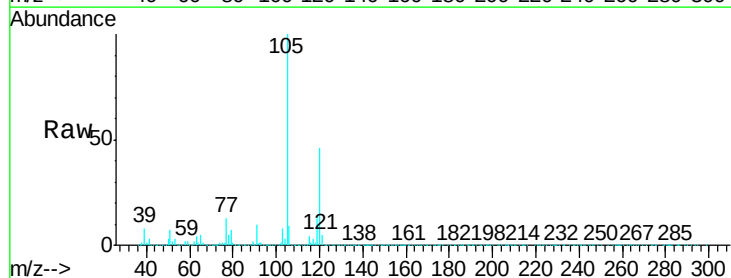
Manual Integrations
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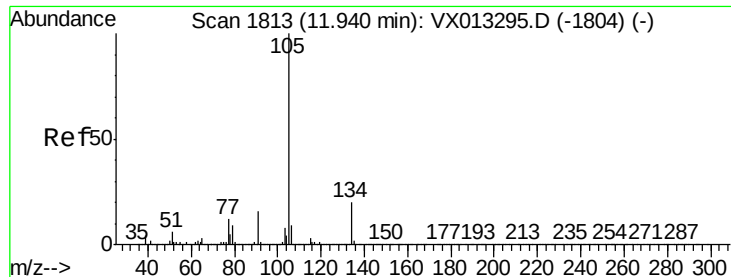
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11/4/2019 3:41:23 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.049 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 52.422 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX103119

Tgt Ion:105 Resp: 1738139

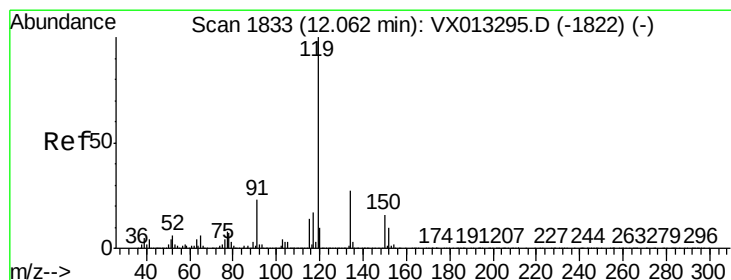
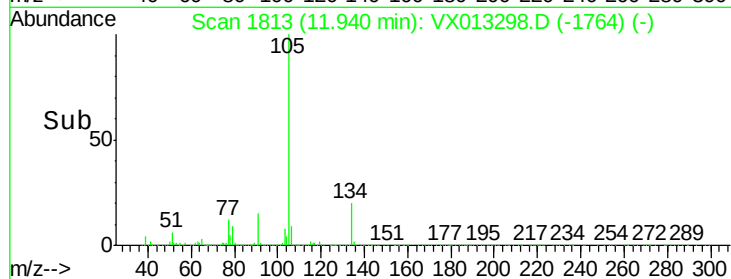
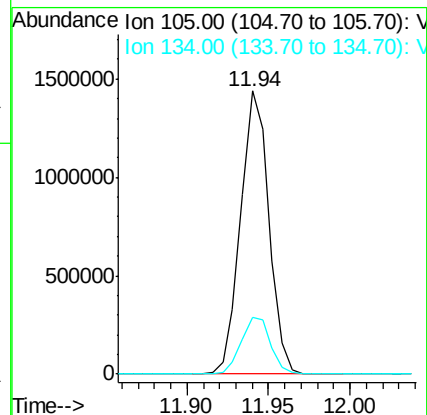
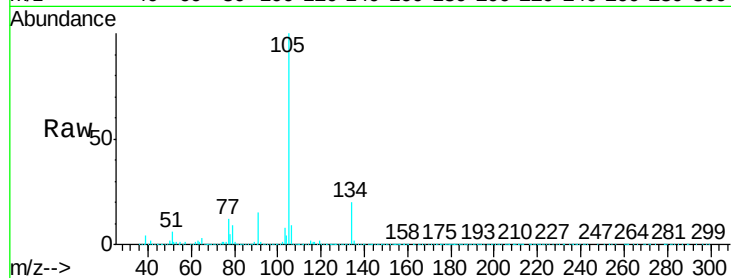
Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9

Manual Integrations
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11/4/2019 3:41:23 PM



#86

p-Isopropyltoluene

Concen: 52.515 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013298.D

Acq: 31 Oct 2019 18:39

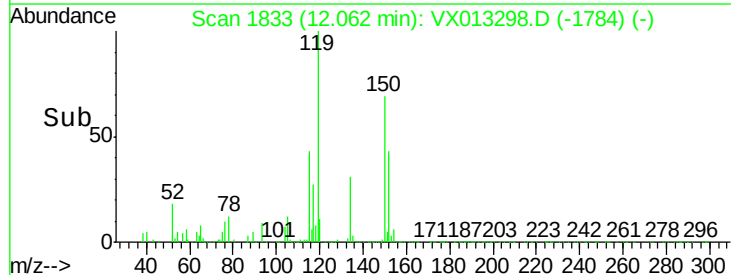
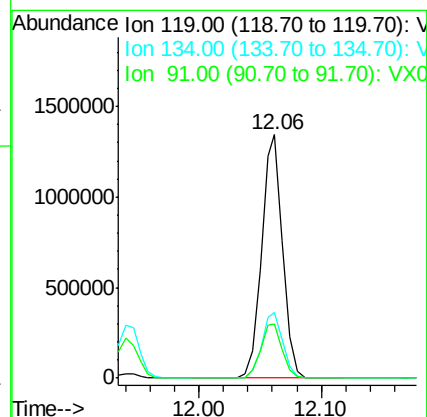
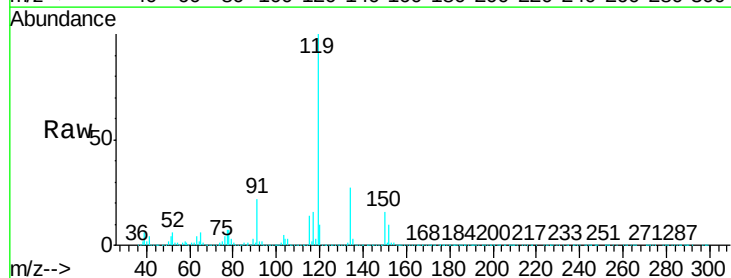
Tgt Ion:119 Resp: 1603361

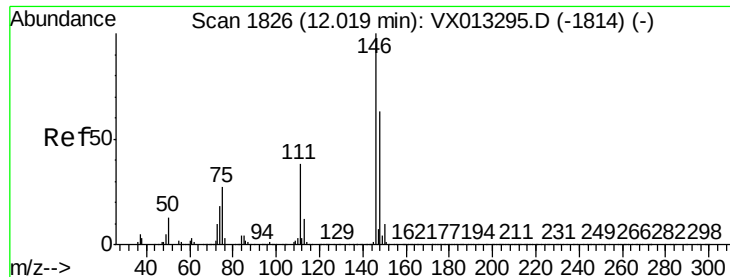
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 22.7 11.5 34.4





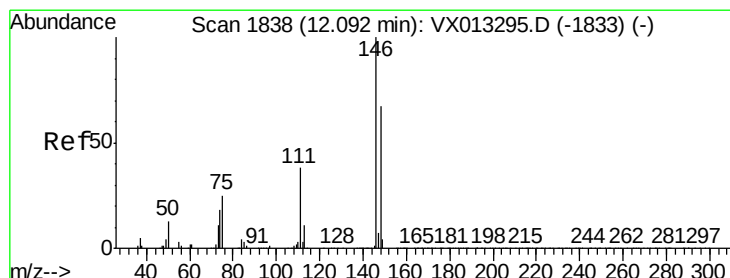
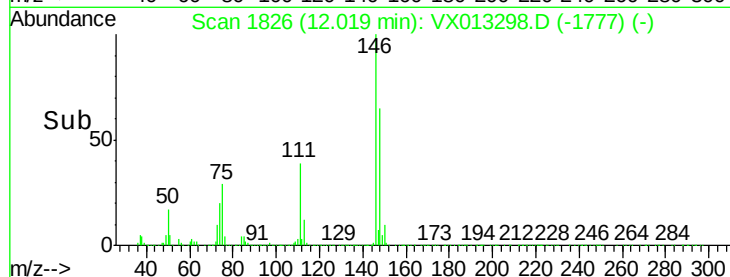
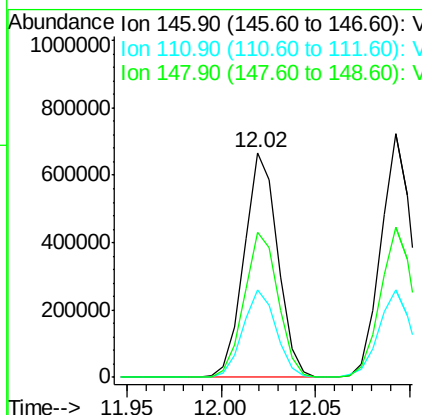
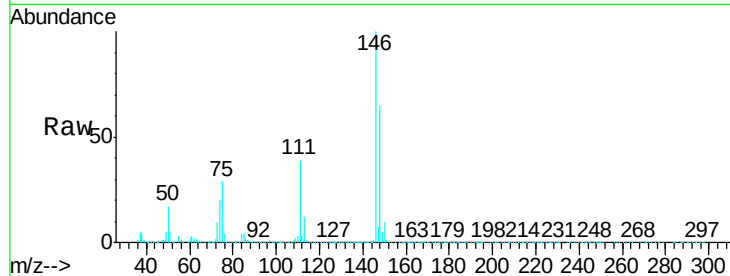
#87
 1,3-Dichlorobenzene
 Concen: 50.461 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	825041		
111	38.5	18.9	56.5	
148	65.0	31.9	95.7	

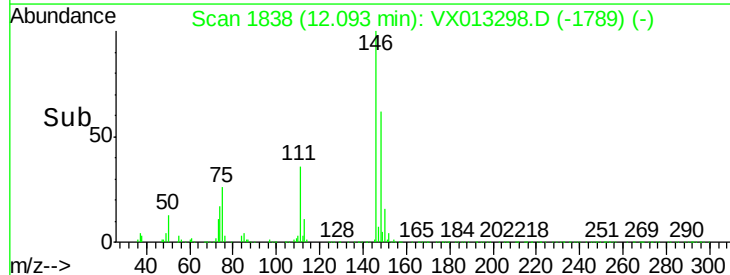
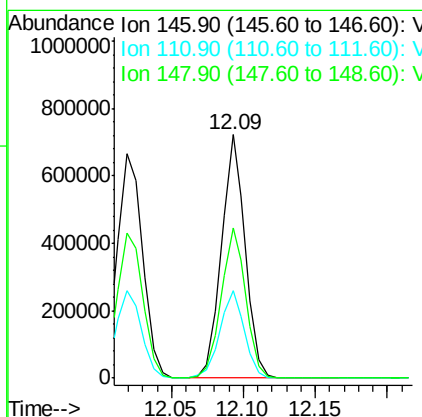
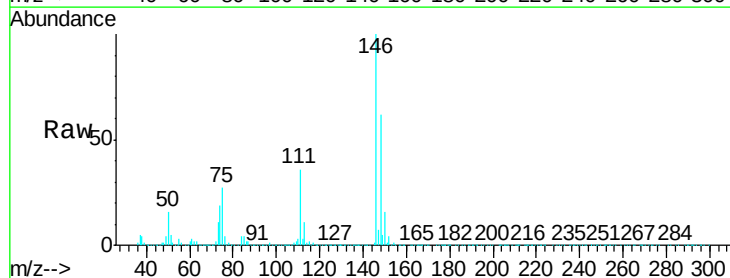
Manual Integrations
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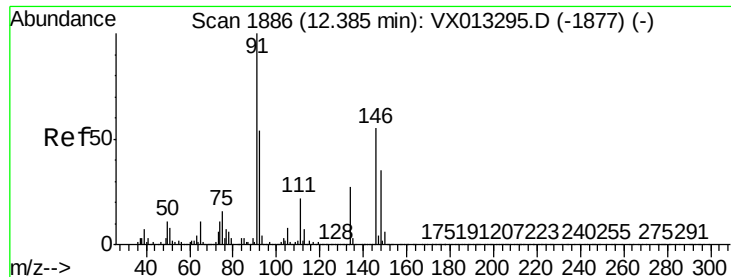
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 11/4/2019 3:41:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.258 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	837212		
111	37.0	18.8	56.4	
148	63.8	32.4	97.0	





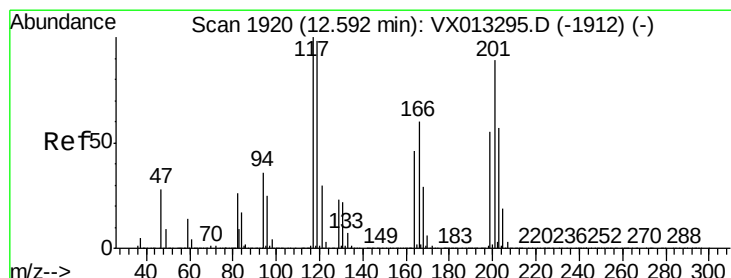
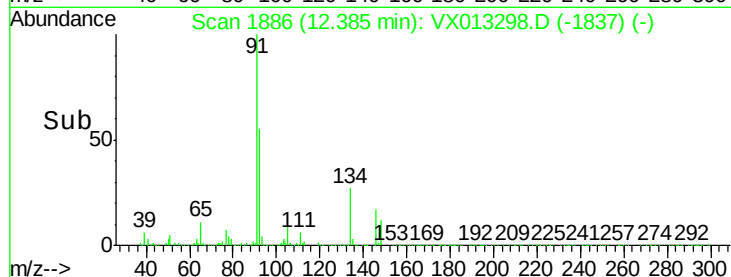
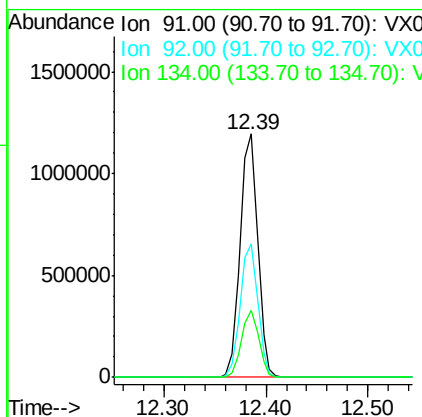
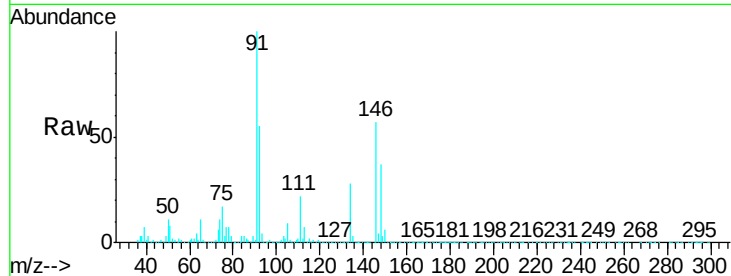
#89
n-Butylbenzene
Concen: 52.901 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion: 91 Resp: 1409327
Ion Ratio Lower Upper
91 100
92 55.0 27.3 81.8
134 27.1 13.5 40.5

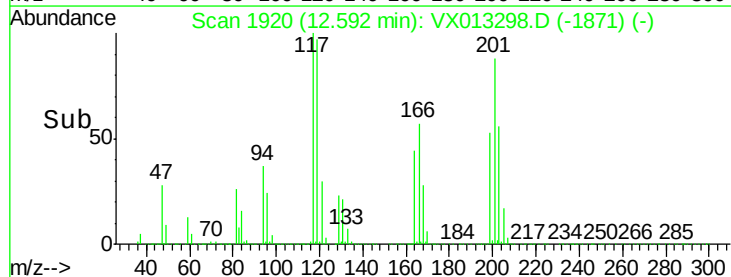
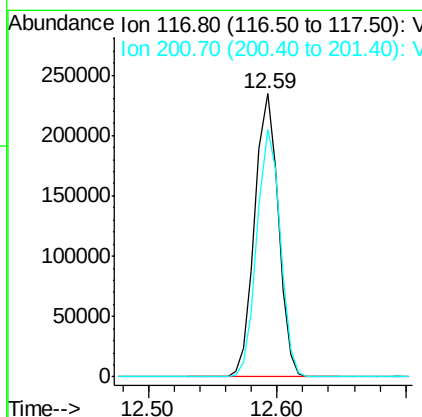
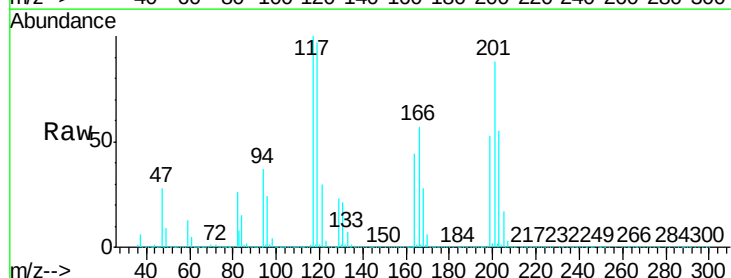
Manual Integrations
APPROVED

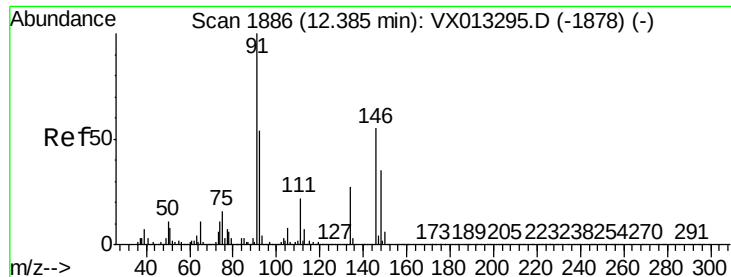
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#90
Hexachloroethane
Concen: 54.212 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion: 117 Resp: 294907
Ion Ratio Lower Upper
117 100
201 86.9 43.9 131.7





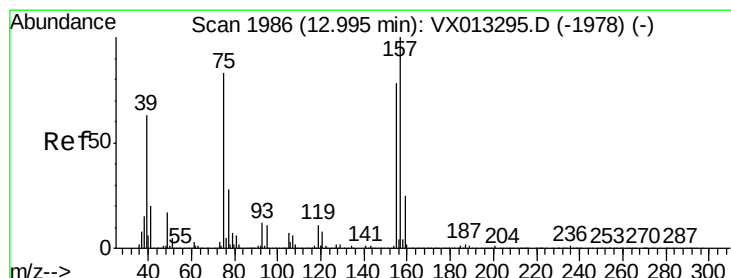
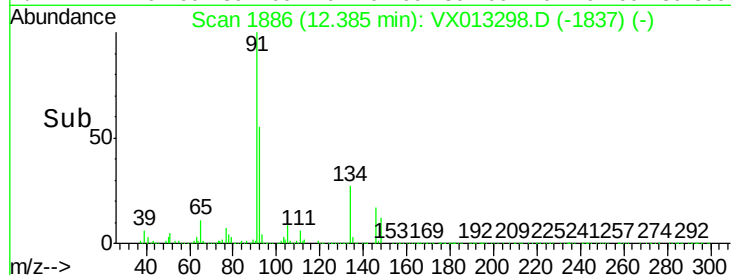
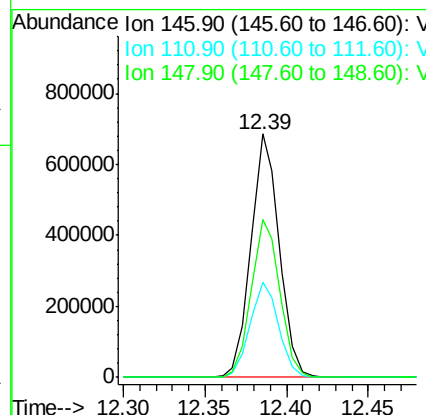
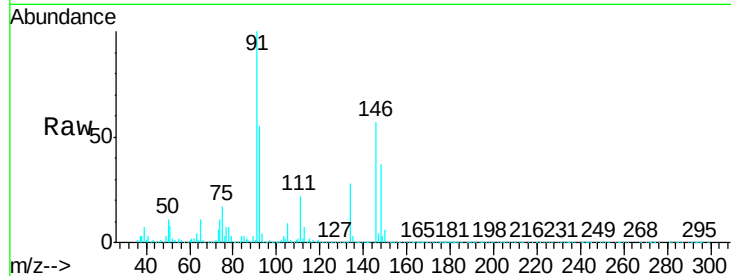
#91
1,2-Dichlorobenzene
Concen: 50.835 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	830831		
111	39.3	20.1	60.2	
148	65.2	32.0	96.0	

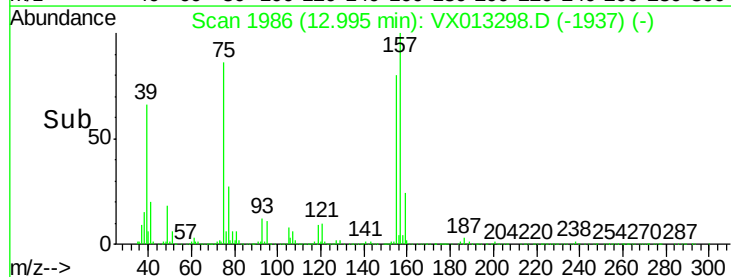
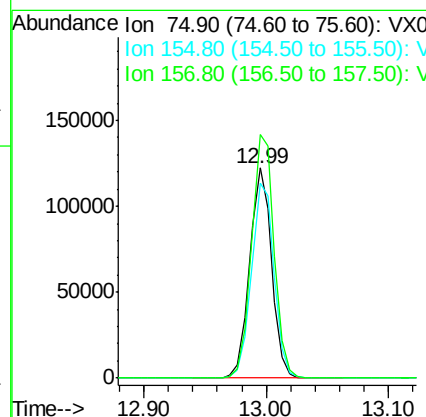
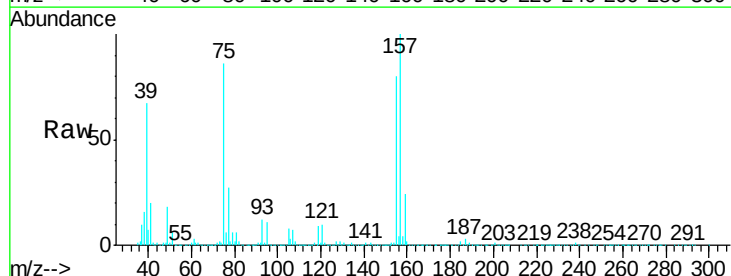
Manual Integrations
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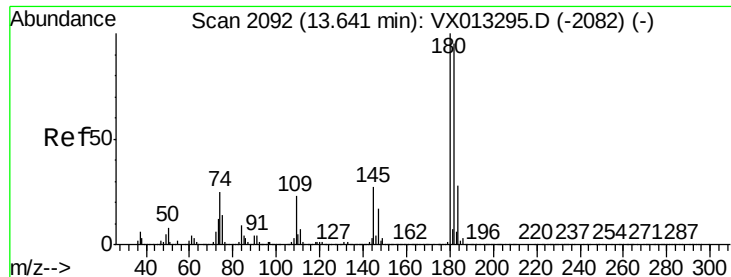
MMDadoda
11/4/2019 3:41:23 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.251 ug/l
RT: 12.99 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	150616		
155	97.1	47.1	141.4	
157	120.8	61.3	183.8	





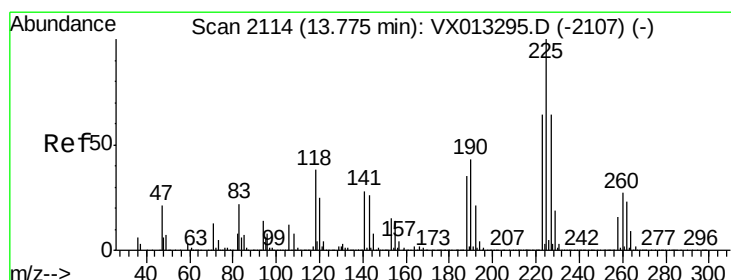
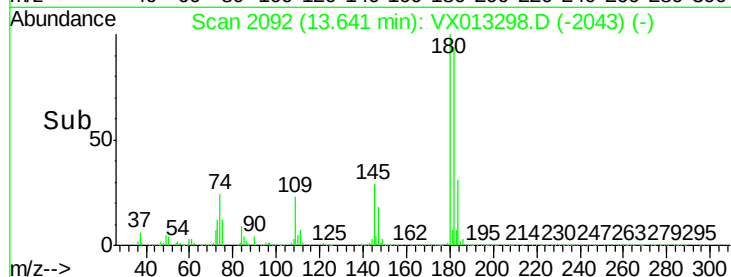
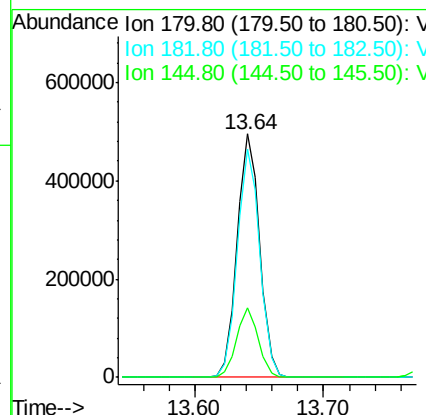
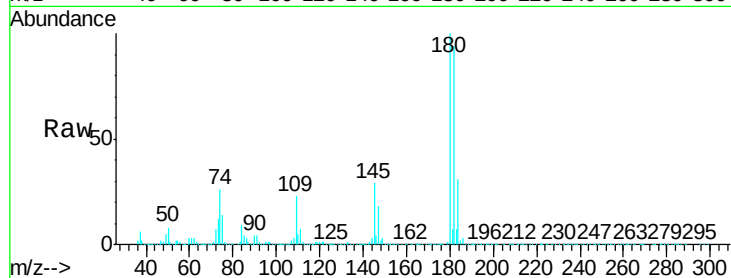
#93
 1,2,4-Trichlorobenzene
 Concen: 53.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103119

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	605364		
182	93.8	48.4	145.0	
145	27.7	14.1	42.4	

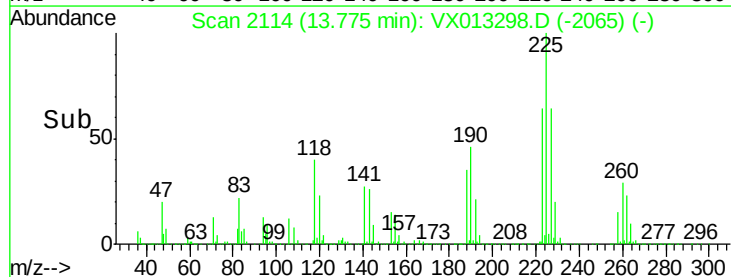
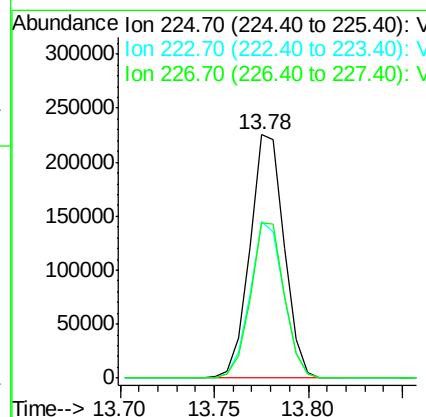
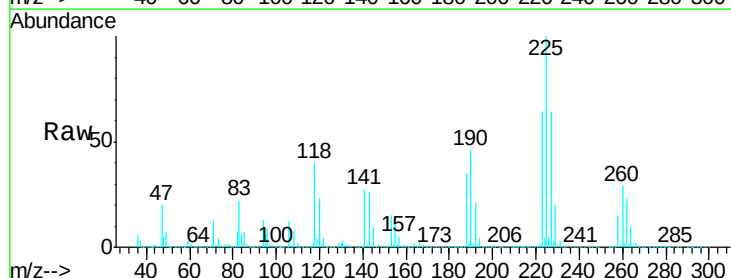
Manual Integrations
 APPROVED

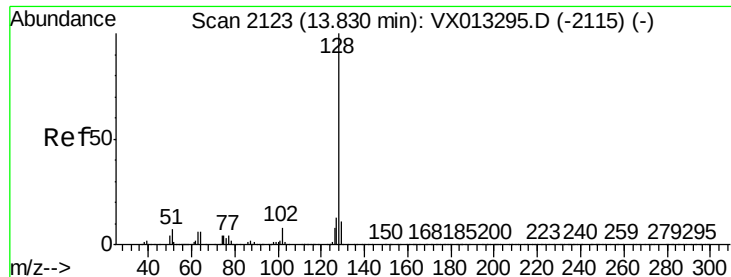
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 50.769 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013298.D
 Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	283161		
223	63.3	31.9	95.7	
227	63.0	31.9	95.9	





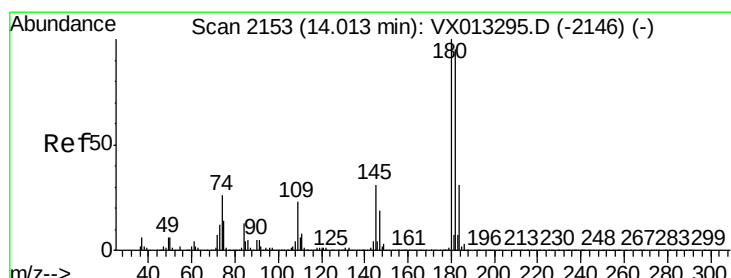
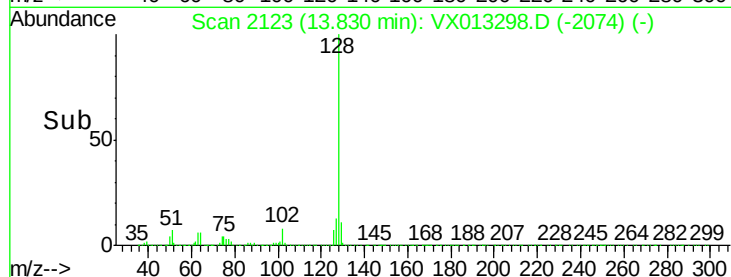
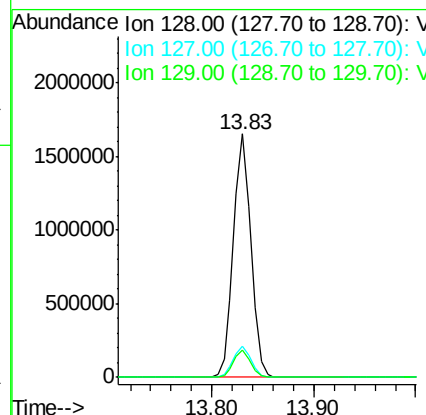
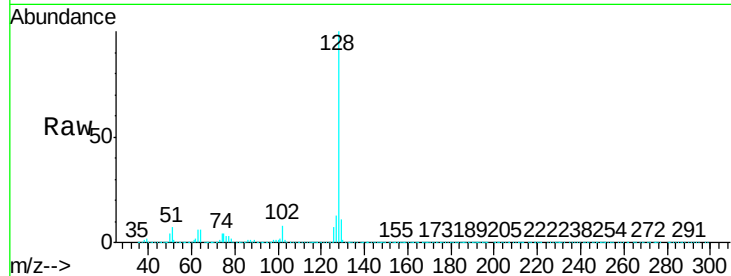
#95
Naphthalene
Concen: 54.720 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103119

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 52.250 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013298.D
Acq: 31 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.2
145	30.0	15.4	46.4

