

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013333.D
 Acq On : 06 Nov 2019 10:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:02 AM

Quant Time: Nov 07 02:21:43 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	749304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1123111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1030182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	532432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414496	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	5.48	113	334237	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1273878	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	469704	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	425020	49.229	ug/l	99
3) Chloromethane	1.32	50	445939	47.630	ug/l	98
4) Vinyl Chloride	1.40	62	514706	48.289	ug/l	100
5) Bromomethane	1.63	94	319029	42.951	ug/l	99
6) Chloroethane	1.71	64	285083	46.710	ug/l	100
7) Trichlorofluoromethane	1.92	101	574561	45.626	ug/l	98
8) Diethyl Ether	2.18	74	269226	48.346	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	351148	50.030	ug/l	99
10) Methyl Iodide	2.50	142	424057	48.799	ug/l	98
11) Tert butyl alcohol	3.03	59	499639	213.546	ug/l	100
12) 1,1-Dichloroethene	2.36	96	342966	49.899	ug/l	98
13) Acrolein	2.28	56	288240	227.307	ug/l	99
14) Allyl chloride	2.72	41	643253	51.508	ug/l	98
15) Acrylonitrile	3.13	53	1105340	252.909	ug/l	98
16) Acetone	2.43	43	1132243	255.715	ug/l	100
17) Carbon Disulfide	2.56	76	916154	49.800	ug/l	99
18) Methyl Acetate	2.76	43	618327	50.583	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1222538	53.329	ug/l	99
20) Methylene Chloride	2.84	84	400994	49.016	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	369675	49.397	ug/l	99
22) Diisopropyl ether	3.84	45	1267894	52.587	ug/l	97
23) Vinyl Acetate	3.80	43	5405716	262.018	ug/l	100
24) 1,1-Dichloroethane	3.69	63	674771	50.029	ug/l	99
25) 2-Butanone	4.65	43	1656205	254.975	ug/l	99
26) 2,2-Dichloropropane	4.57	77	559946	52.187	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	438109	52.260	ug/l	98
28) Bromochloromethane	5.00	49	197492	51.571	ug/l	96
29) Tetrahydrofuran	5.11	42	997538	249.208	ug/l	99
30) Chloroform	5.20	83	670943	50.378	ug/l	97
31) Cyclohexane	5.57	56	605753	49.912	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	573221	50.013	ug/l	100
36) 1,1-Dichloropropene	5.79	75	505041	52.418	ug/l	99
37) Ethyl Acetate	4.81	43	598570	50.277	ug/l	100
38) Carbon Tetrachloride	5.77	117	496257	52.671	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	629772	52.458	ug/l	98
40) Benzene	6.13	78	1531603	51.032	ug/l	98
41) Methacrylonitrile	5.03	41	335210	50.233	ug/l	98
42) 1,2-Dichloroethane	6.18	62	557902	51.535	ug/l	99
43) Isopropyl Acetate	6.43	43	984632	53.111	ug/l	99
44) Trichloroethene	7.20	130	415670	50.315	ug/l	98
45) 1,2-Dichloropropane	7.50	63	397004	51.916	ug/l	96
46) Dibromomethane	7.65	93	269248	51.568	ug/l	98
47) Bromodichloromethane	7.89	83	539402	54.786	ug/l	96
48) Methyl methacrylate	7.76	41	495872	53.583	ug/l	98
49) 1,4-Dioxane	7.73	88	207909	981.016	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	3086932	253.793	ug/l	99
52) Toluene	8.78	92	973967	52.360	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	609952	56.655	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	657104	54.563	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	410440	53.234	ug/l	99
56) Ethyl methacrylate	9.17	69	669388	50.828	ug/l	98
57) 1,3-Dichloropropane	9.37	76	686190	52.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1399464	265.462	ug/l	99
59) 2-Hexanone	9.48	43	2478499	263.686	ug/l	99
60) Dibromochloromethane	9.57	129	442073	56.063	ug/l	100
61) 1,2-Dibromoethane	9.67	107	429811	52.498	ug/l	99
64) Tetrachloroethene	9.33	164	379320	51.435	ug/l	99
65) Chlorobenzene	10.14	112	1061017	50.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	400255	52.266	ug/l	100
67) Ethyl Benzene	10.25	91	1873022	52.034	ug/l	99
68) m/p-Xylenes	10.35	106	1431851	105.179	ug/l	100
69) o-Xylene	10.70	106	696745	52.277	ug/l	99
70) Styrene	10.71	104	1221409	54.823	ug/l	98
71) Bromoform	10.85	173	347733	49.039	ug/l #	99
73) Isopropylbenzene	11.01	105	1850630	52.424	ug/l	99
74) N-amyl acetate	10.89	43	900686	55.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	655624	50.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	530113m	49.019	ug/l	
77) Bromobenzene	11.25	156	494200	52.514	ug/l	97
78) n-propylbenzene	11.35	91	2129945	54.165	ug/l	99
79) 2-Chlorotoluene	11.42	91	1238250	52.264	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1582008	53.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	228924	54.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	1443788	52.059	ug/l	99
83) tert-Butylbenzene	11.76	119	1595424	53.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1577912	53.495	ug/l	98
85) sec-Butylbenzene	11.94	105	1806863	53.115	ug/l	99
86) p-Isopropyltoluene	12.06	119	1700967	54.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	887417	52.901	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	878366	51.393	ug/l	99
89) n-Butylbenzene	12.39	91	1492461	54.603	ug/l	100
90) Hexachloroethane	12.59	117	303995	54.468	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	877969	52.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	146521	46.699	ug/l	98

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VSTDCCC050

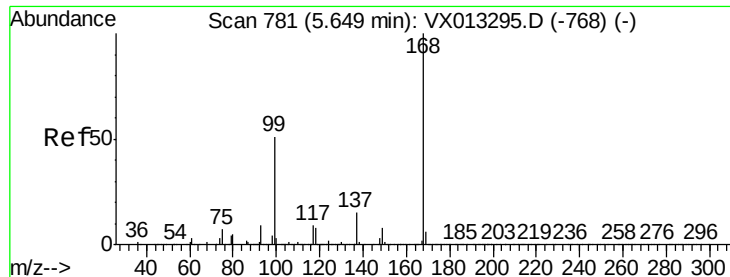
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	642548	54.935	ug/l	99
94) Hexachlorobutadiene	13.78	225	288892	50.485	ug/l	99
95) Naphthalene	13.83	128	2004984	54.635	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	633718	54.025	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 168 Resp: 749304

Ion Ratio Lower Upper

168 100

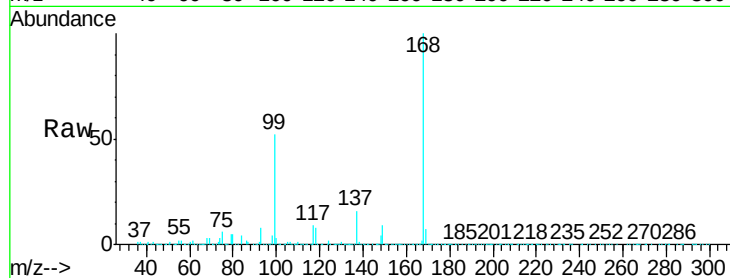
99 51.3 40.8 61.2

Manual Integrations

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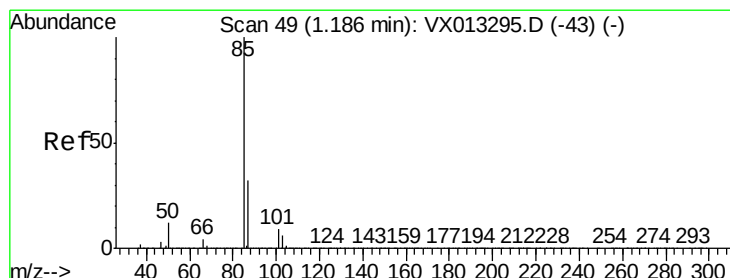
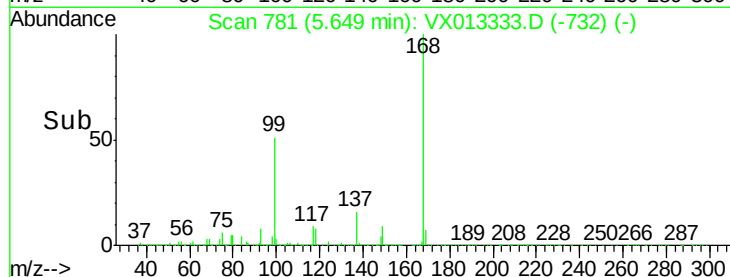
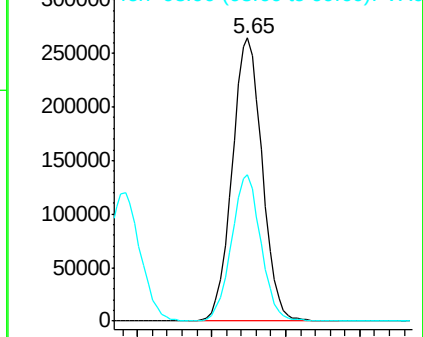
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.229 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013333.D

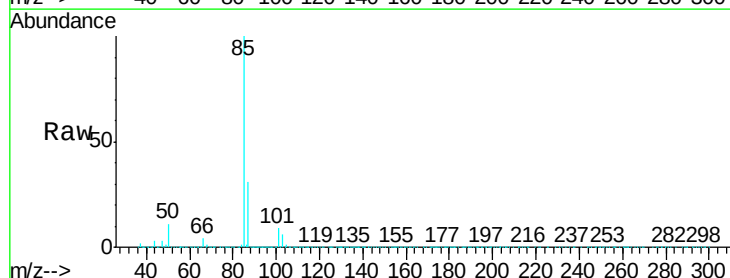
Acq: 06 Nov 2019 10:15

Tgt Ion: 85 Resp: 425020

Ion Ratio Lower Upper

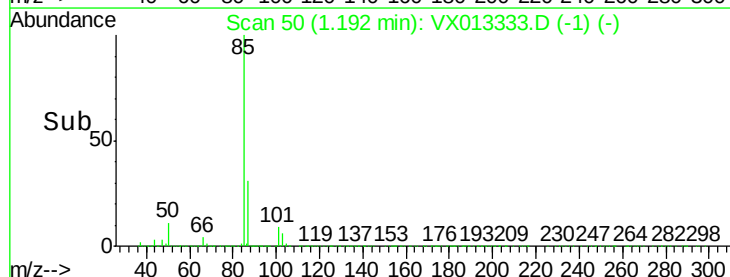
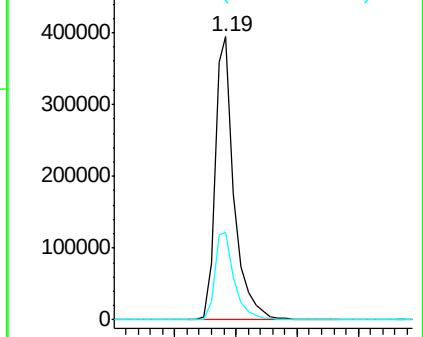
85 100

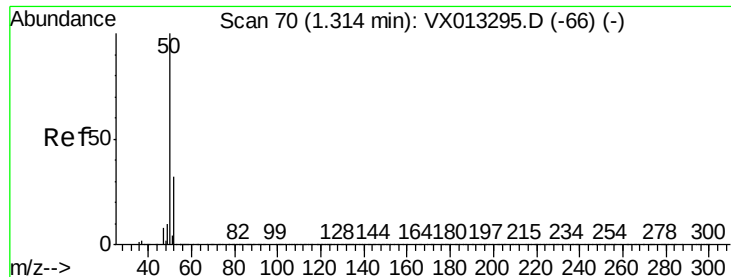
87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.630 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 445939

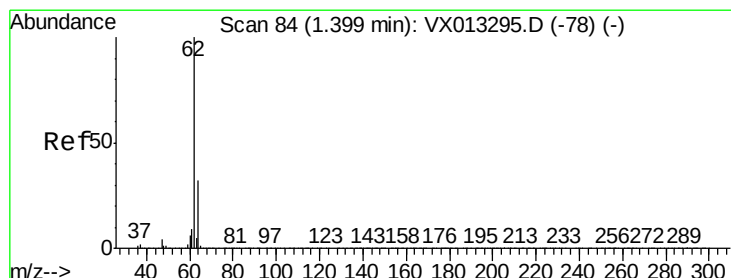
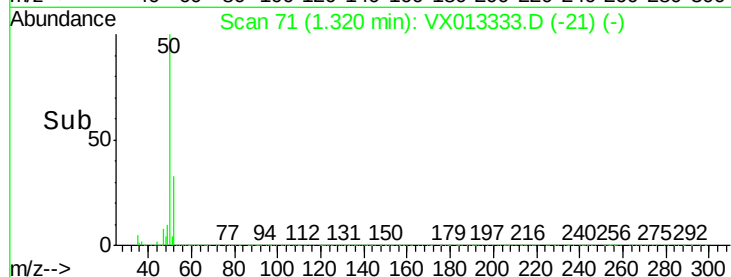
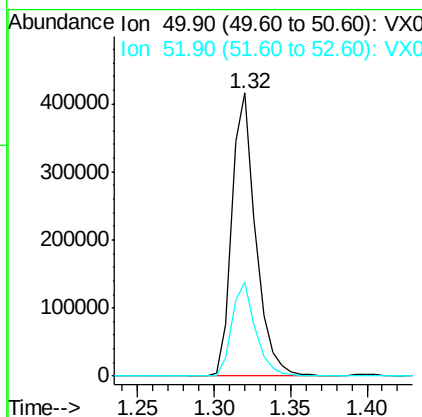
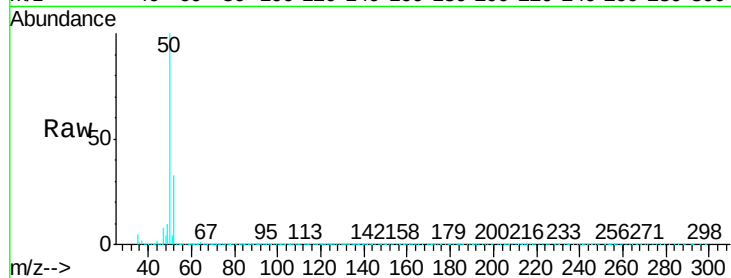
Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.289 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013333.D

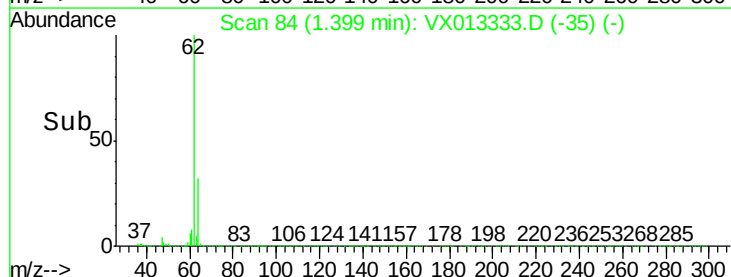
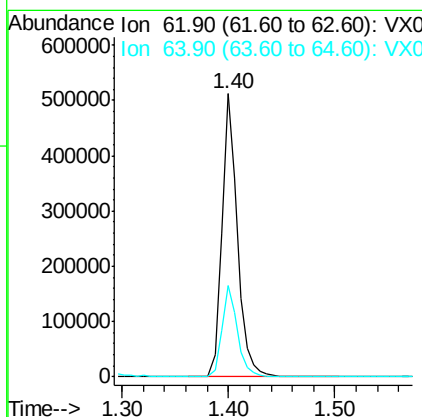
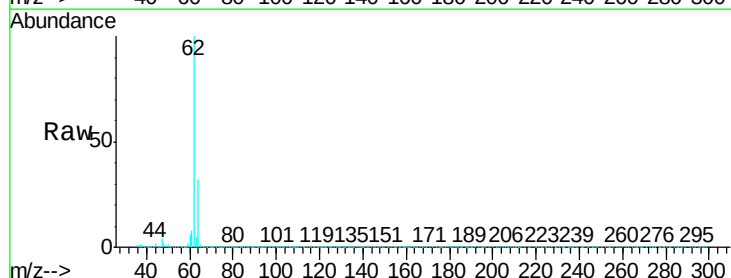
Acq: 06 Nov 2019 10:15

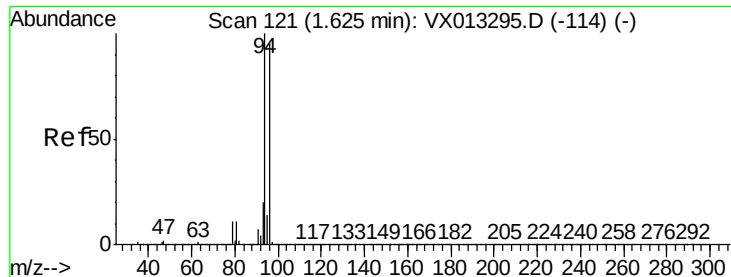
Tgt Ion: 62 Resp: 514706

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 42.951 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 319029

Ion Ratio Lower Upper

94 100

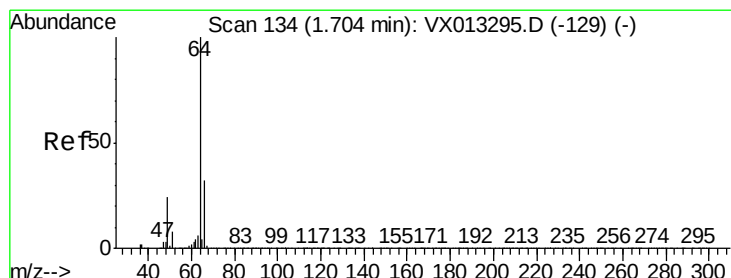
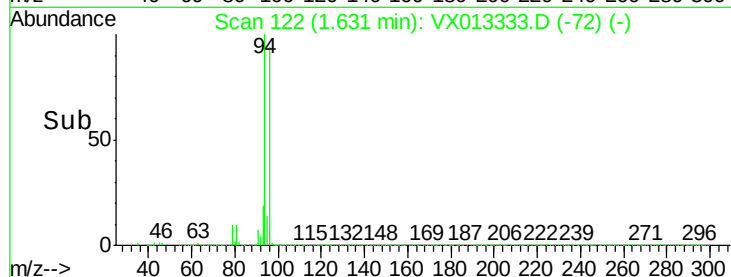
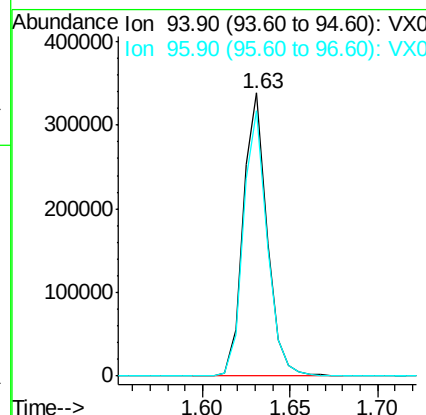
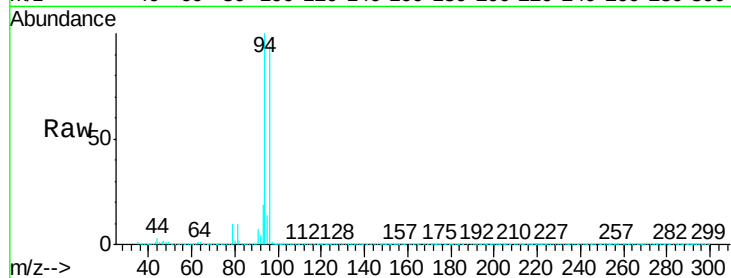
96 93.7 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 46.710 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013333.D

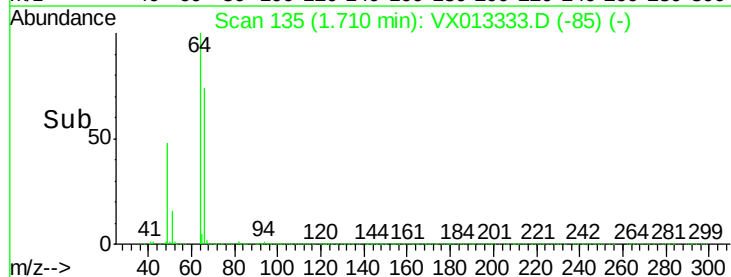
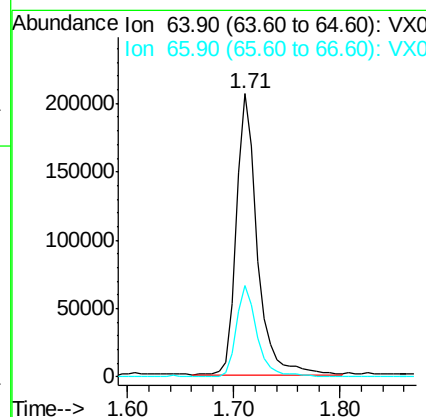
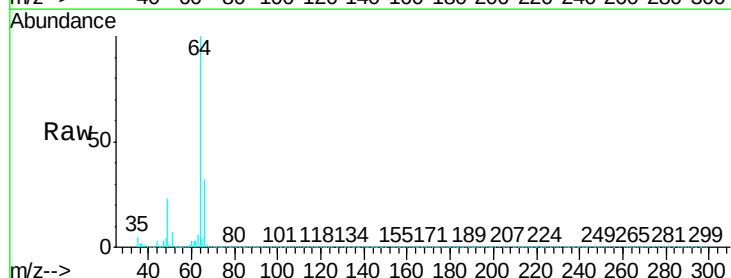
Acq: 06 Nov 2019 10:15

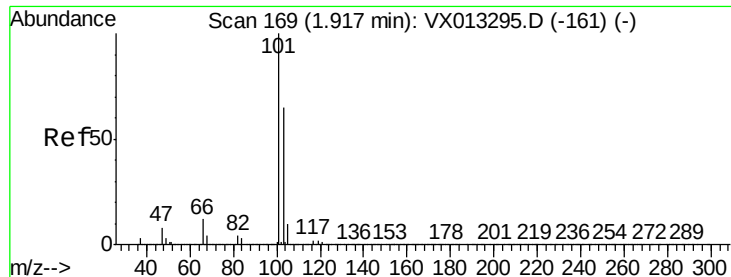
Tgt Ion: 64 Resp: 285083

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

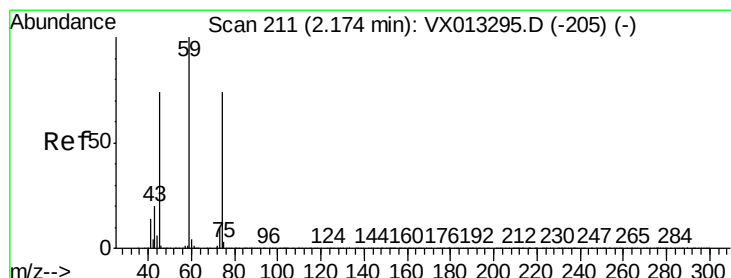
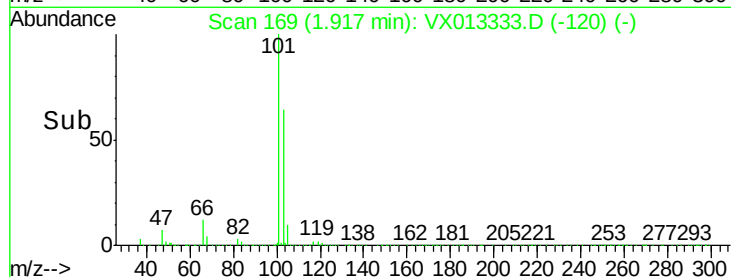
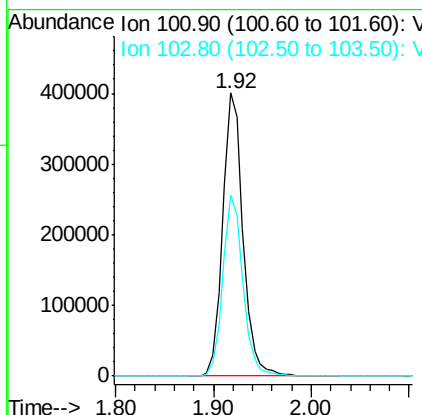
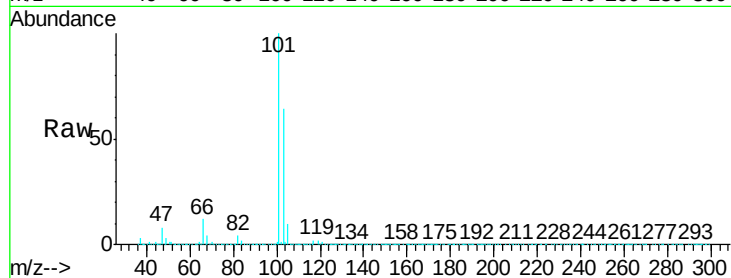
Trichlorofluoromethane
Concen: 45.626 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013333.D
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VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

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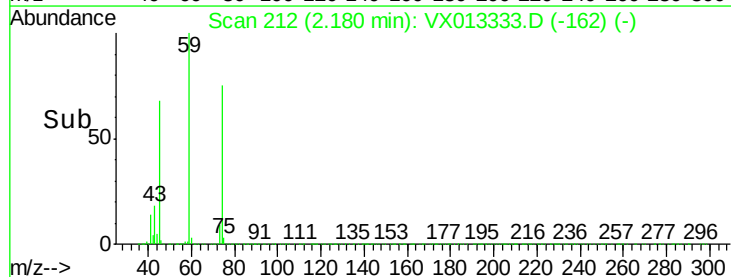
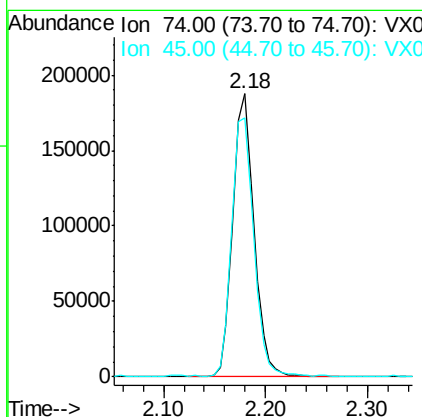
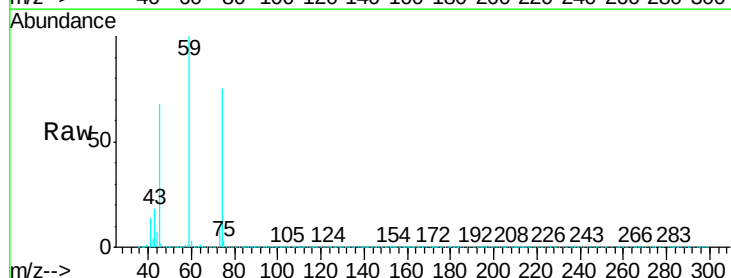
MMDadoda
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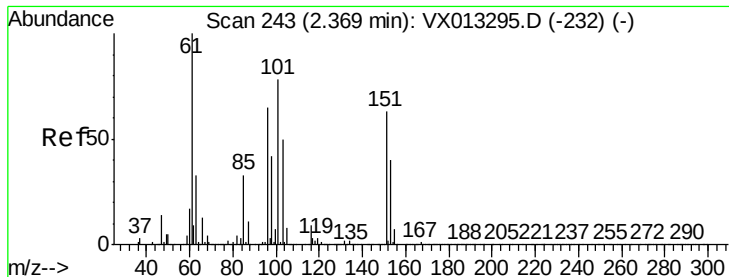


#8

Diethyl Ether
Concen: 48.346 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.5	145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.030 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

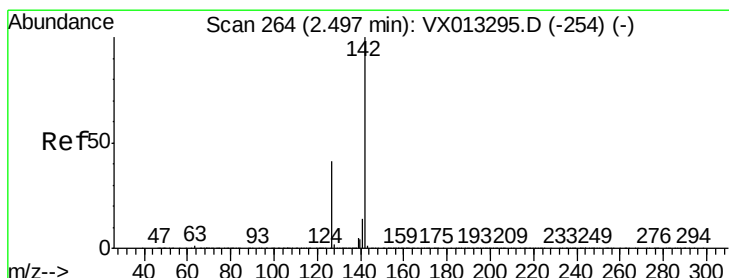
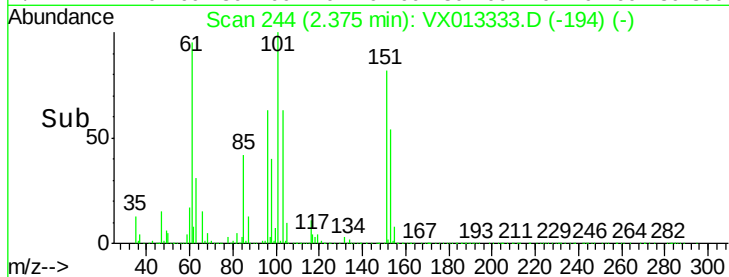
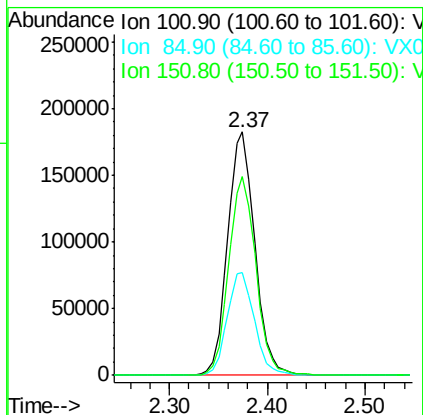
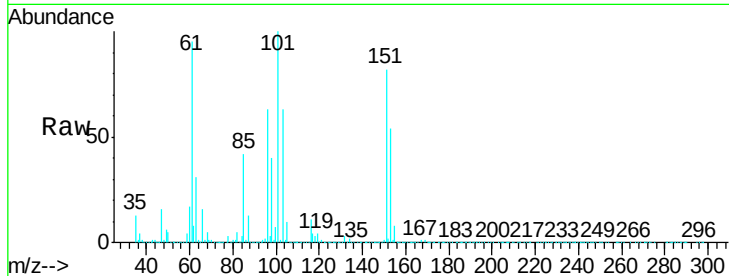
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	351148
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	82.0	66.4	99.6

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#10

Methyl Iodide

Concen: 48.799 ug/l

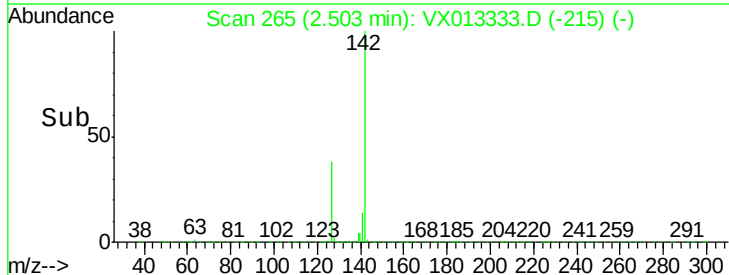
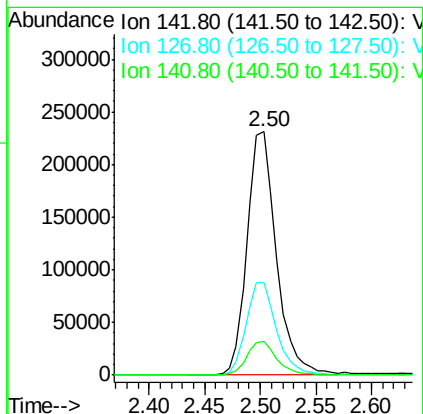
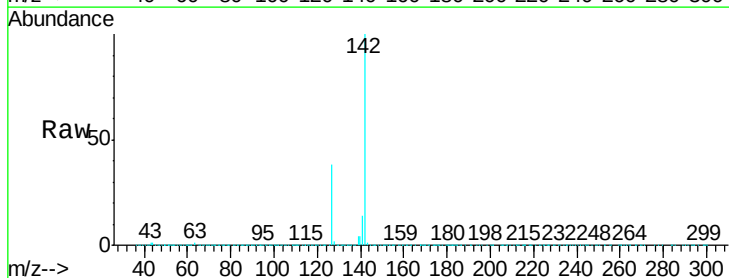
RT: 2.50 min Scan# 265

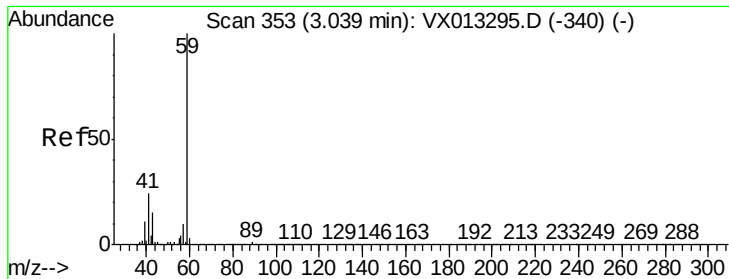
Delta R.T. 0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	142	Resp:	424057
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.6	49.0
141	13.9	11.6	17.4





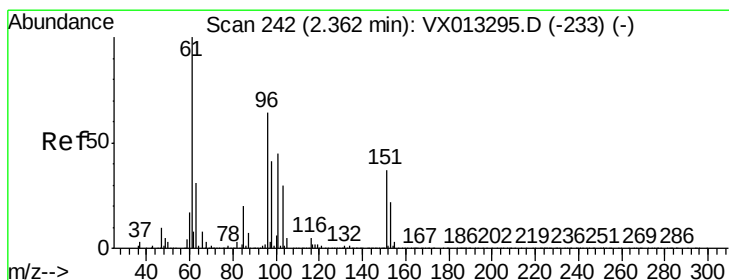
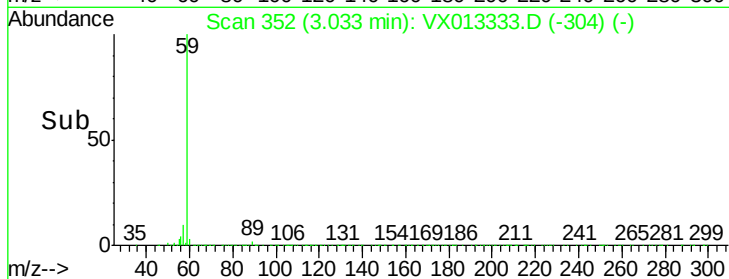
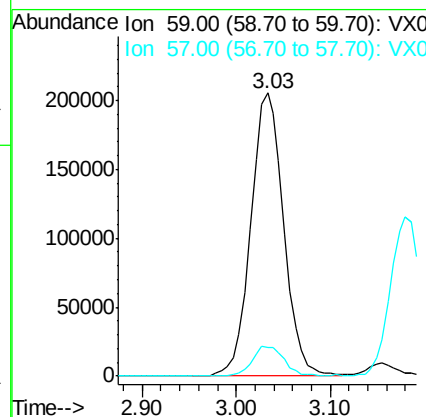
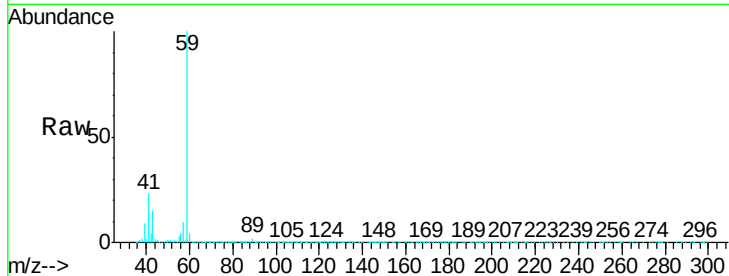
#11
Tert butyl alcohol
Concen: 213.546 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	499639		
57	10.0		8.0	12.0

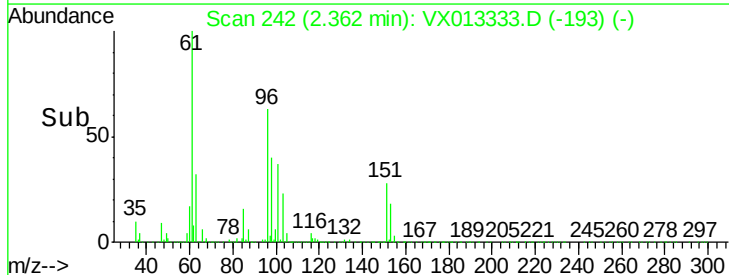
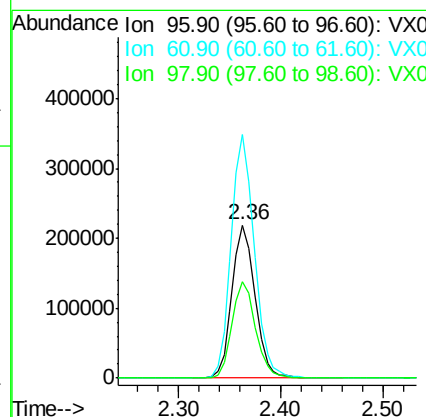
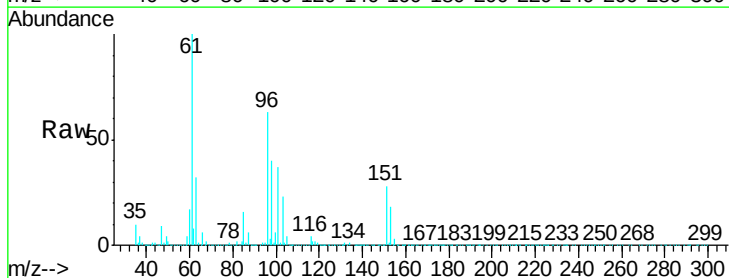
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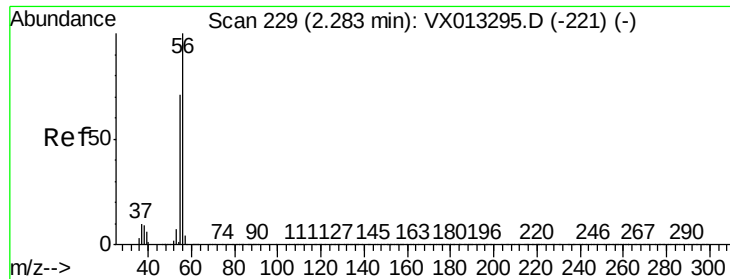
MMDadoda
11/7/2019 9:17:02 AM



#12
1,1-Dichloroethene
Concen: 49.899 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	342966		
61	159.3		125.0	187.6
98	63.4		50.7	76.1





#13

Acrolein

Concen: 227.307 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 288240

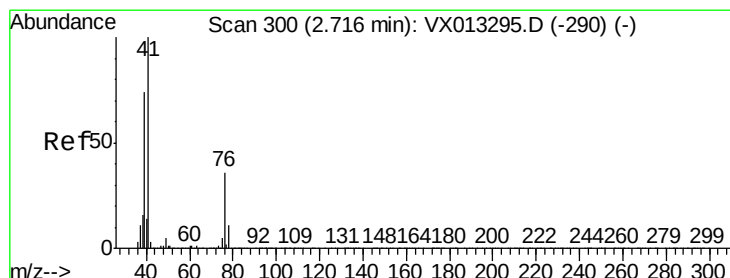
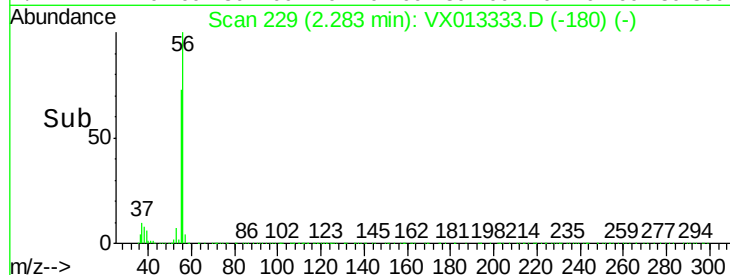
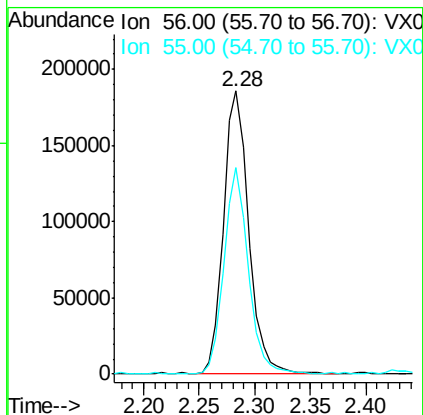
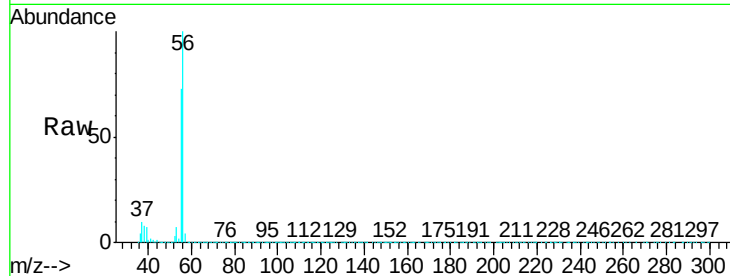
Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.0

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#14

Allyl chloride

Concen: 51.508 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

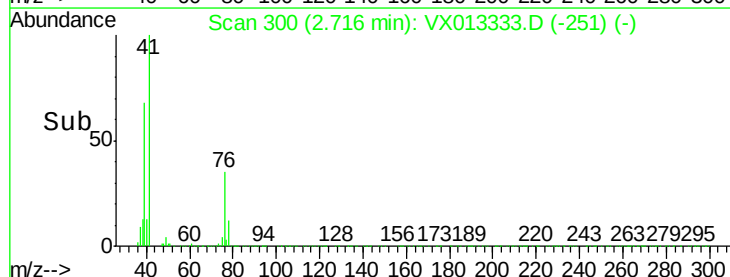
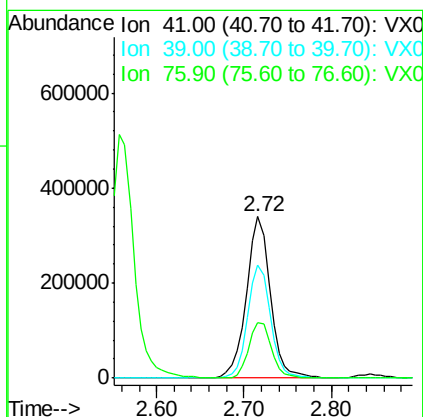
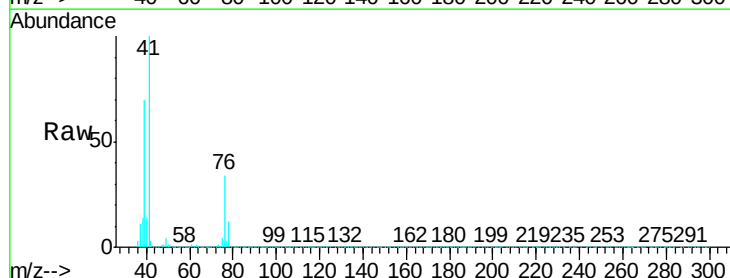
Tgt Ion: 41 Resp: 643253

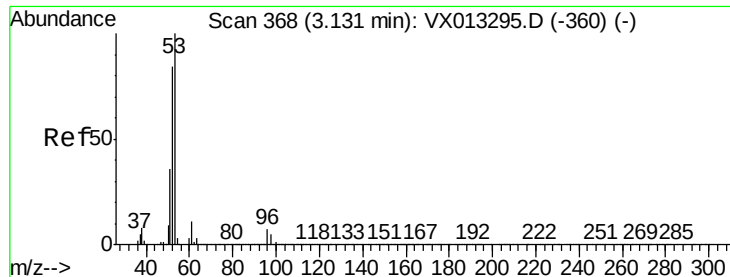
Ion Ratio Lower Upper

41 100

39 67.5 55.8 83.8

76 32.7 26.4 39.6





#15

Acrylonitrile

Concen: 252.909 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 1105340

Ion Ratio Lower Upper

53 100

52 82.8 67.4 101.0

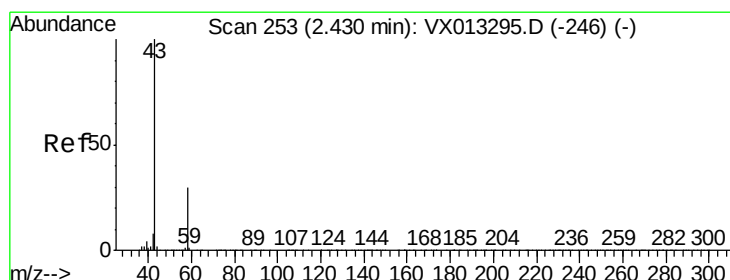
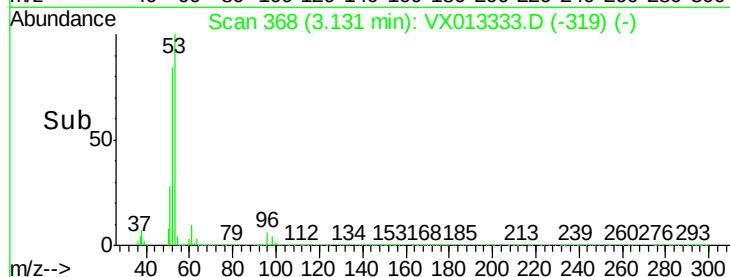
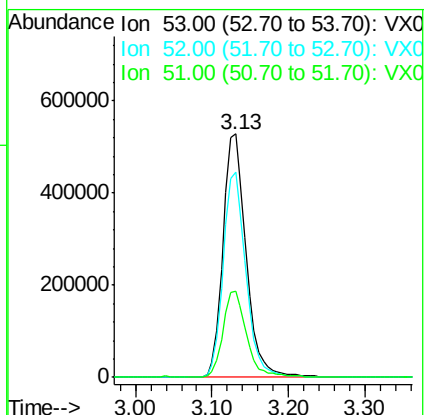
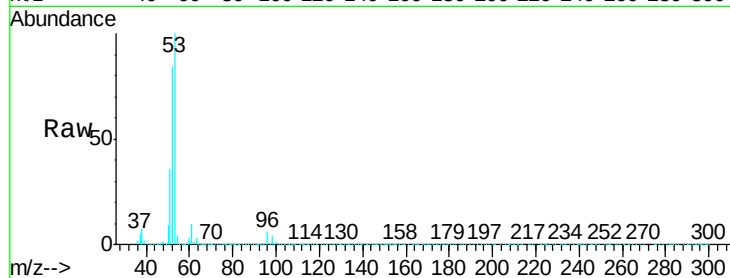
51 35.8 29.4 44.2

Manual Integrations

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#16

Acetone

Concen: 255.715 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013333.D

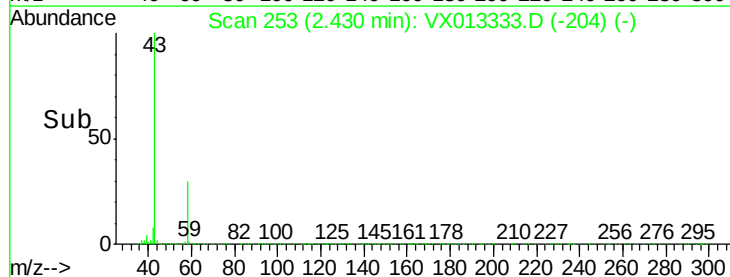
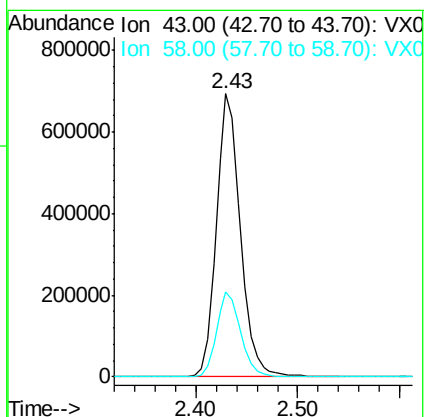
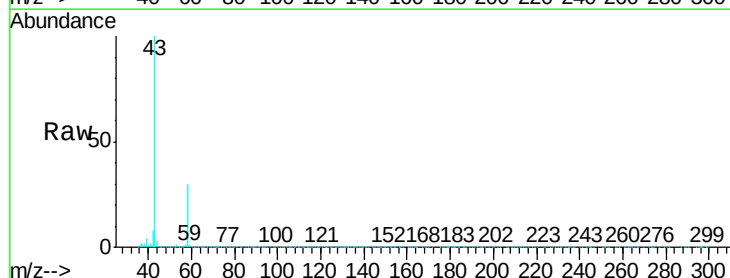
Acq: 06 Nov 2019 10:15

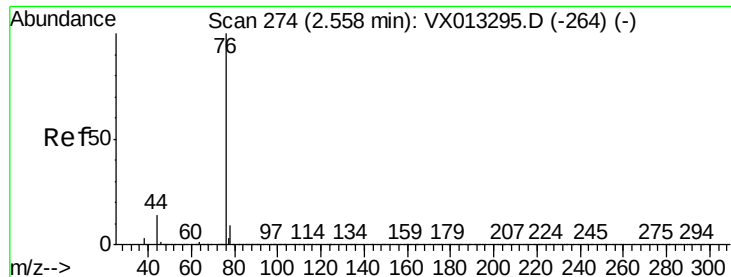
Tgt Ion: 43 Resp: 1132243

Ion Ratio Lower Upper

43 100

58 30.2 24.3 36.5





#17

Carbon Disulfide

Concen: 49.800 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 916154

Ion Ratio Lower Upper

76 100

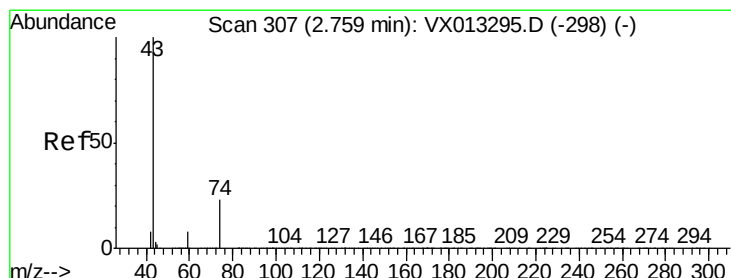
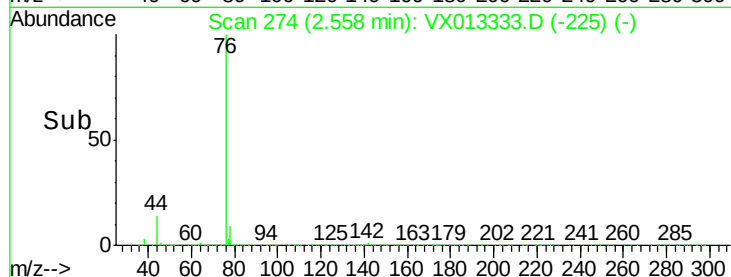
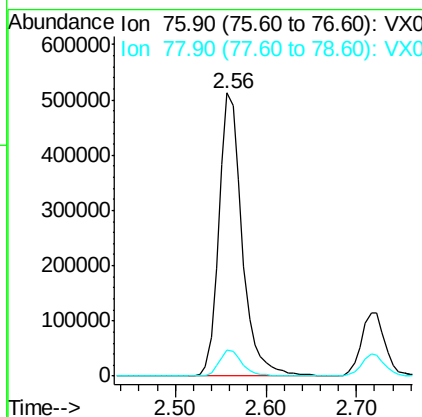
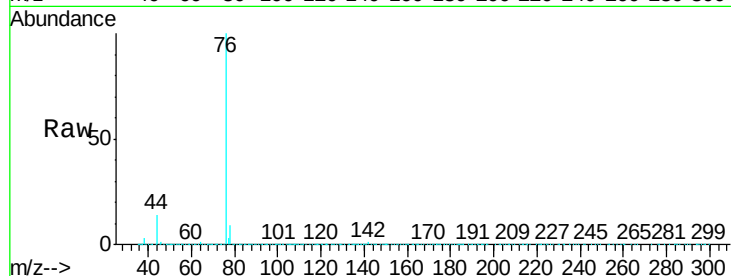
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 50.583 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013333.D

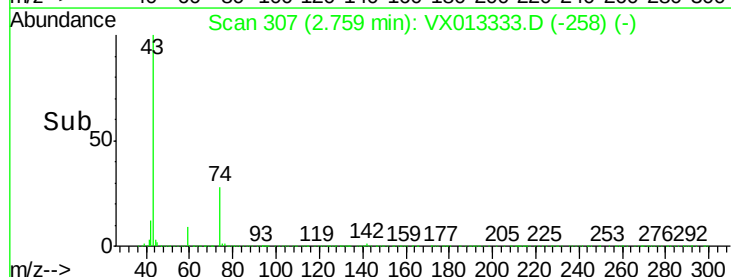
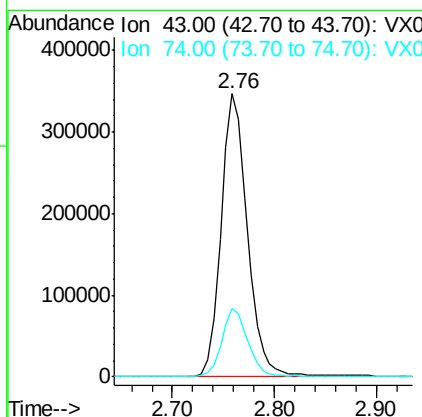
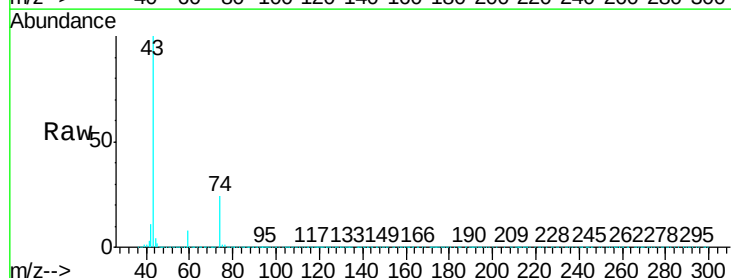
Acq: 06 Nov 2019 10:15

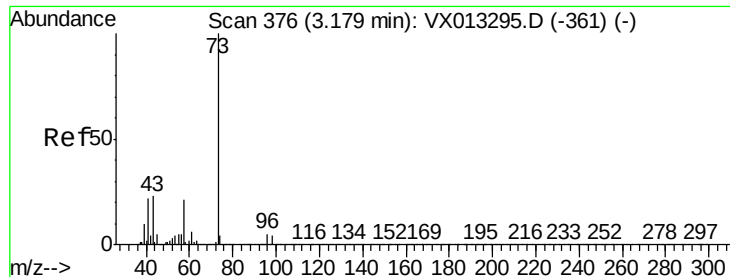
Tgt Ion: 43 Resp: 618327

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6





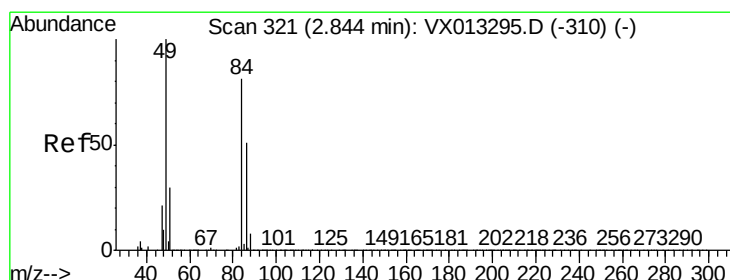
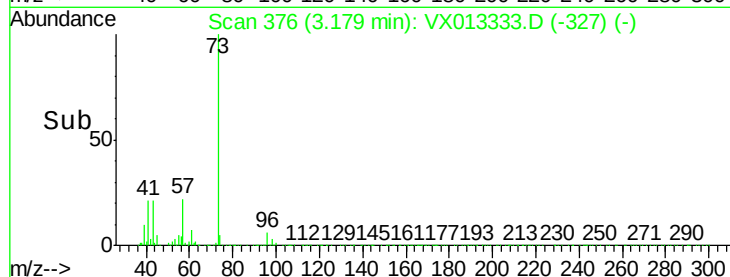
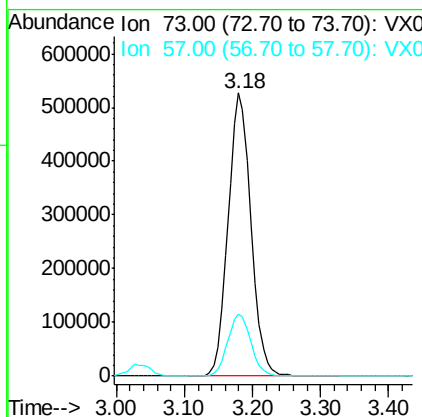
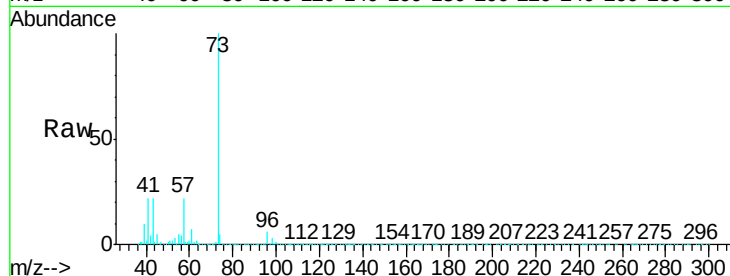
#19
Methyl tert-butyl Ether
Concen: 53.329 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1222538
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7

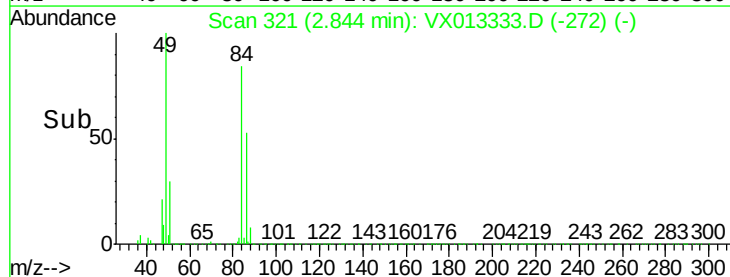
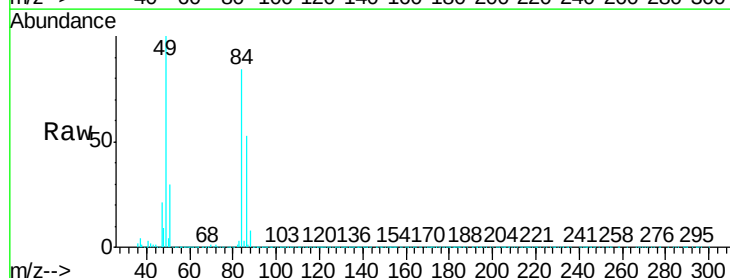
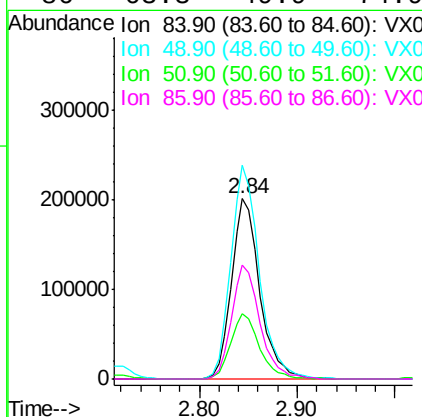
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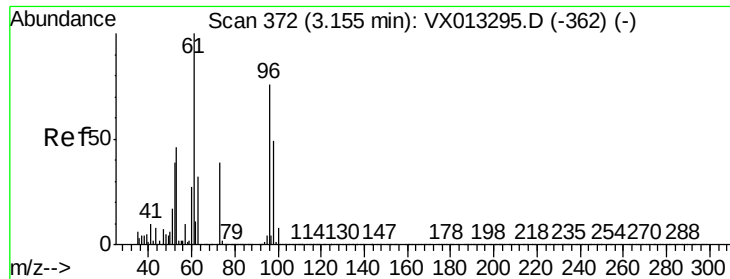
MMDadoda
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#20
Methylene Chloride
Concen: 49.016 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 84 Resp: 400994
Ion Ratio Lower Upper
84 100
49 118.4 98.2 147.4
51 36.0 29.9 44.9
86 63.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.397 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 369675
Ion Ratio Lower Upper

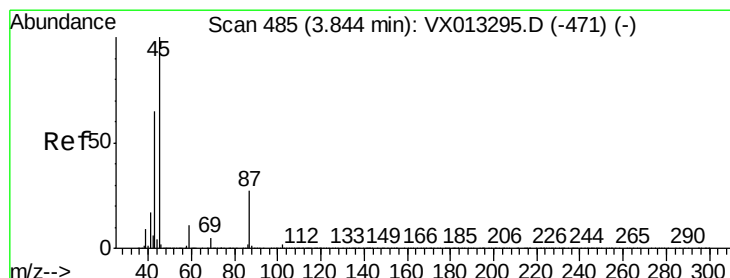
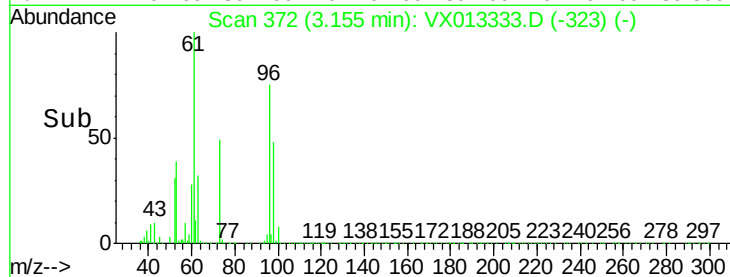
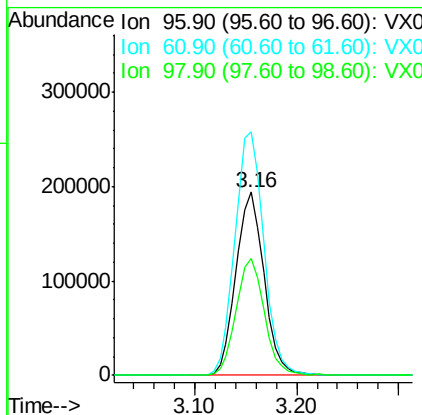
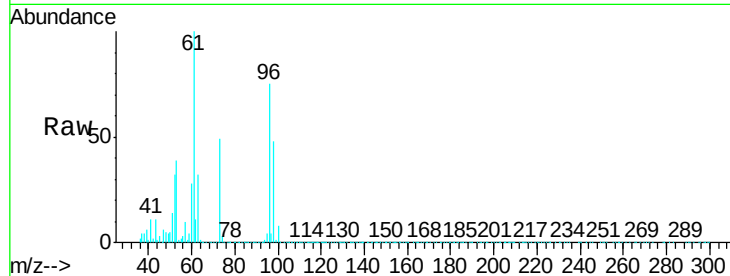
96 100

61 133.2 105.8 158.6

98 63.8 51.8 77.6

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#22

Diisopropyl ether

Concen: 52.587 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

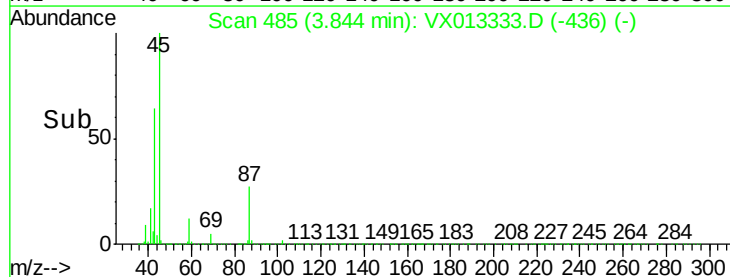
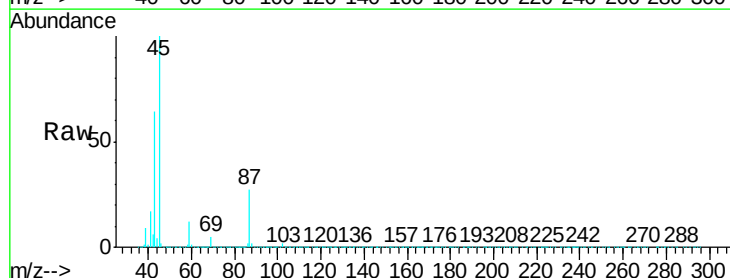
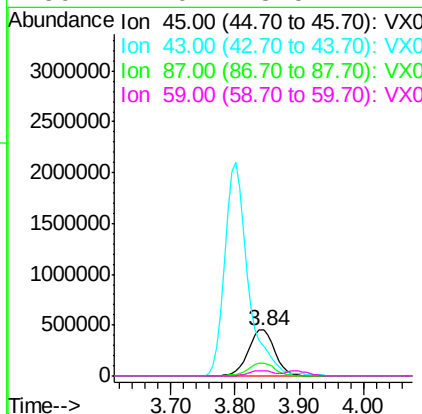
Tgt Ion: 45 Resp: 1267894
Ion Ratio Lower Upper

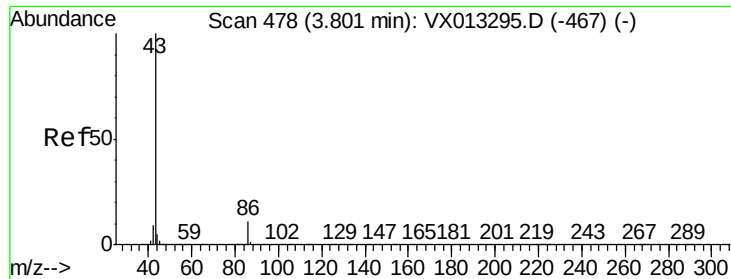
45 100

43 64.1 54.2 81.2

87 27.5 21.8 32.8

59 12.0 8.5 12.7





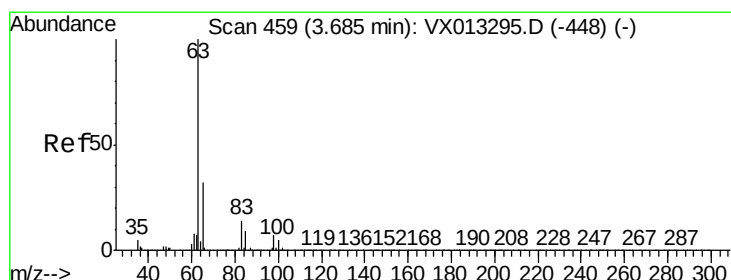
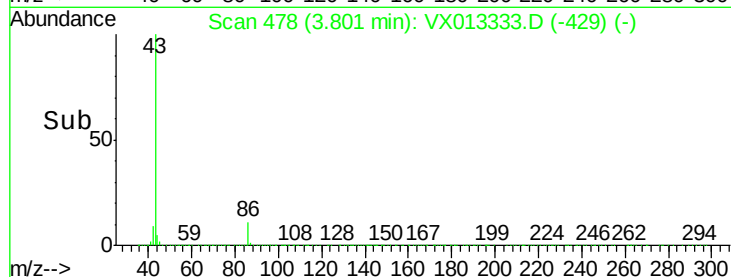
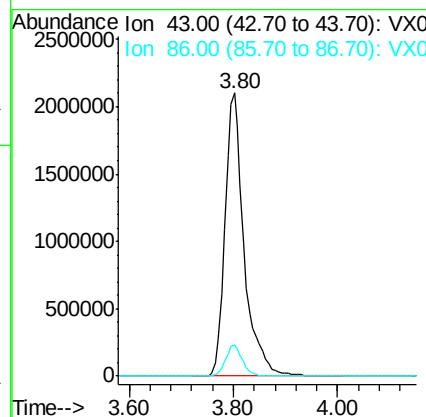
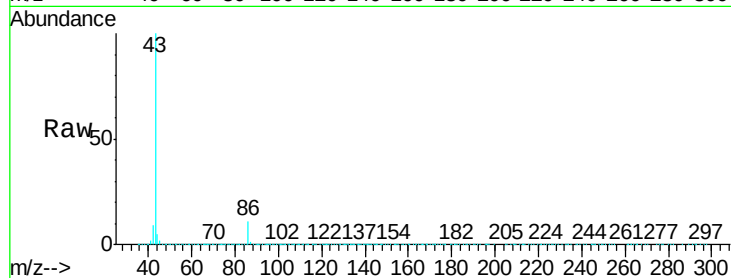
#23
 Vinyl Acetate
 Concen: 262.018 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 5405716
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

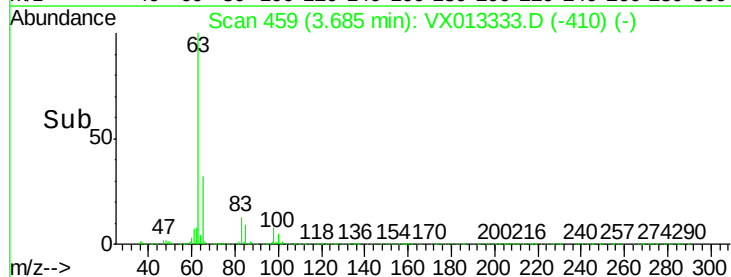
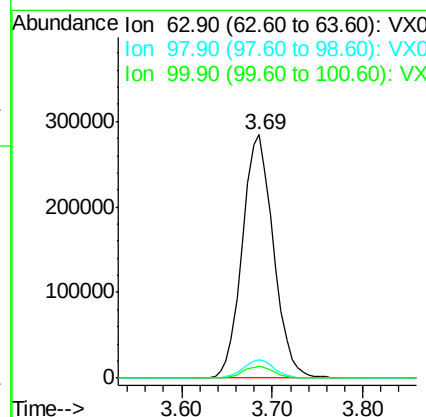
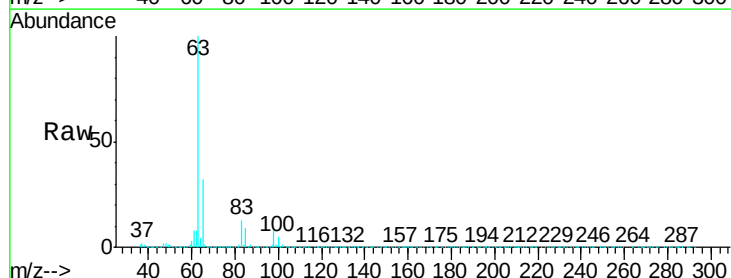
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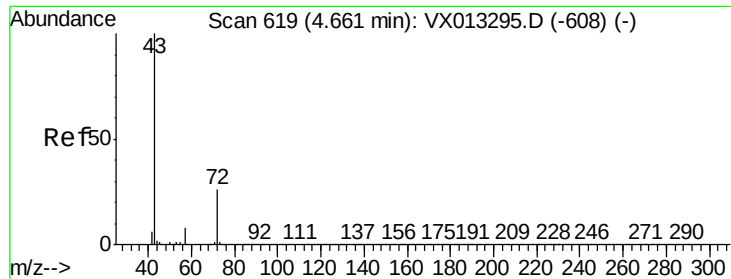
MMDadoda
 11/7/2019 9:17:02 AM



#24
 1,1-Dichloroethane
 Concen: 50.029 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion: 63 Resp: 674771
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 254.975 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1656205

Ion Ratio Lower Upper

43 100

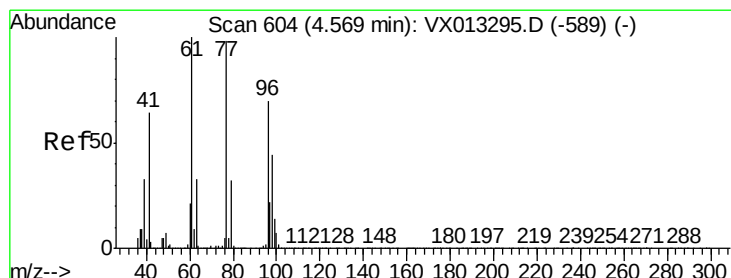
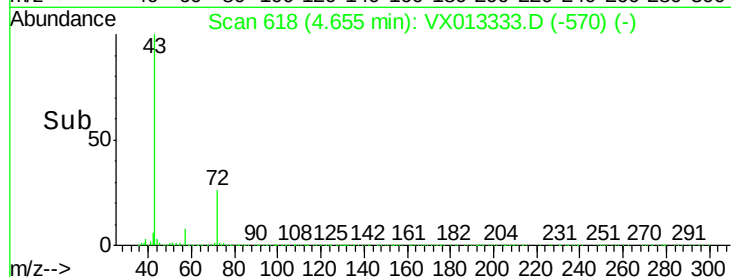
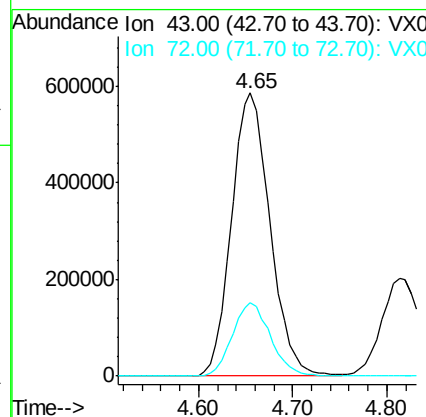
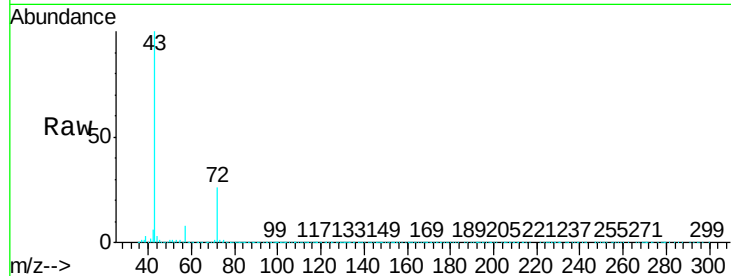
72 25.7 21.0 31.6

Manual Integrations

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11/7/2019 9:17:02 AM



#26

2,2-Dichloropropane

Concen: 52.187 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013333.D

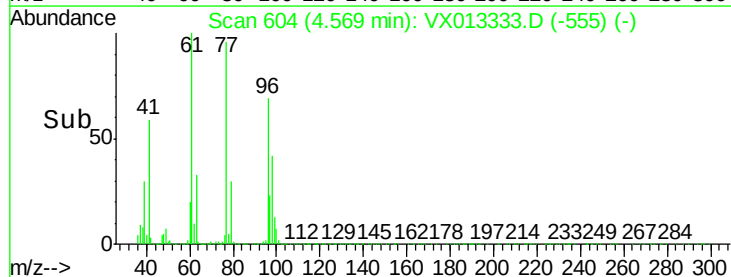
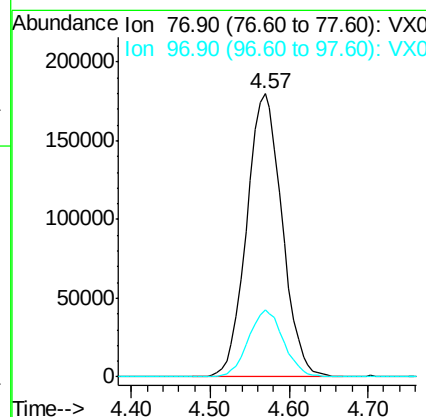
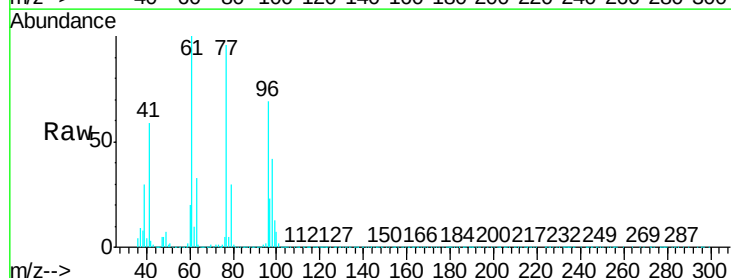
Acq: 06 Nov 2019 10:15

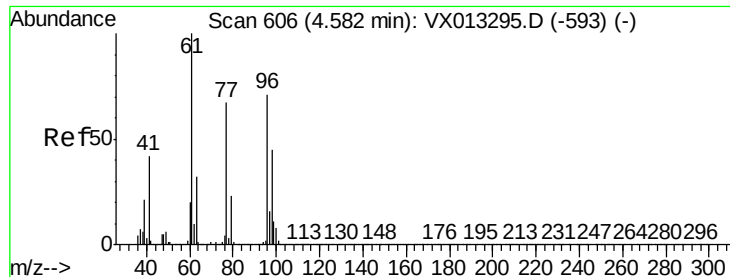
Tgt Ion: 77 Resp: 559946

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

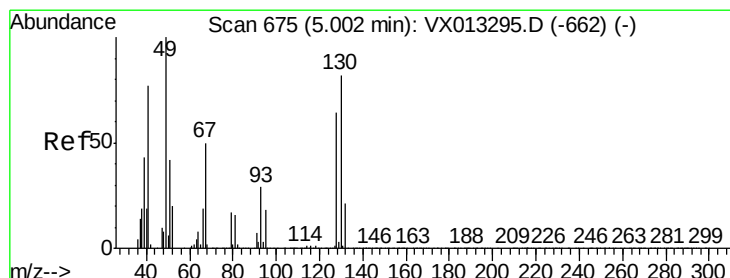
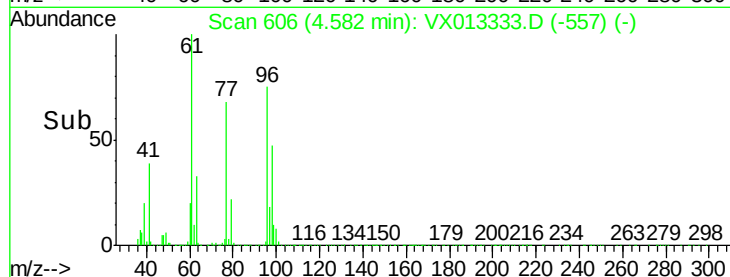
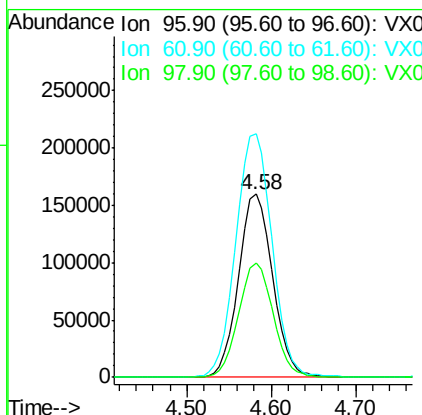
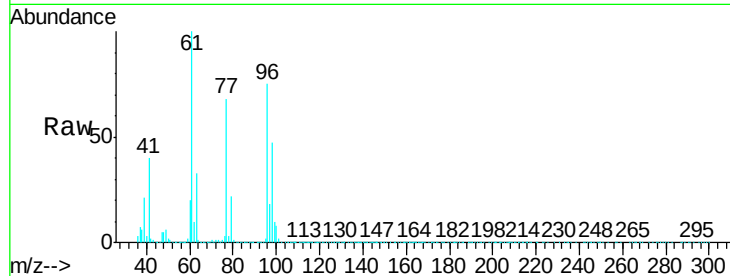
cis-1,2-Dichloroethene
Concen: 52.260 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	141.1	0.0	288.0
98	63.6	0.0	129.6

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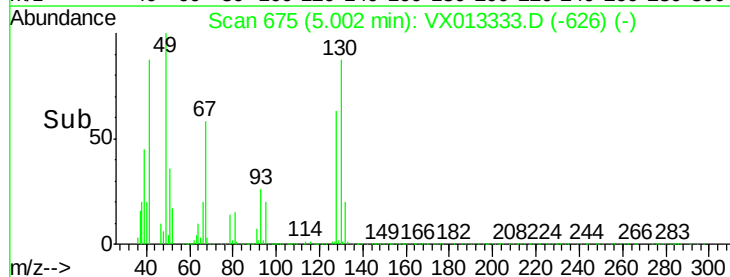
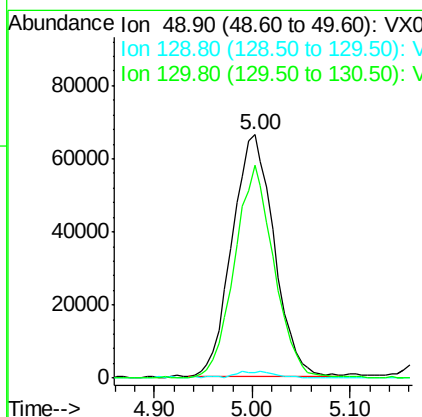
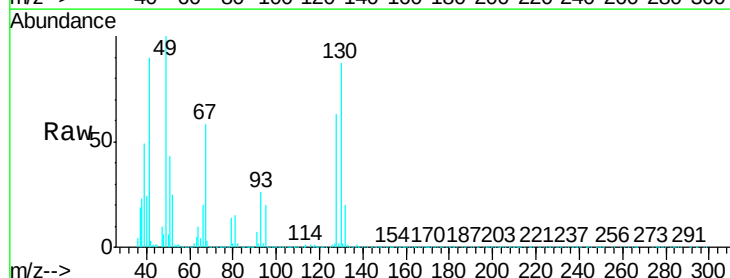
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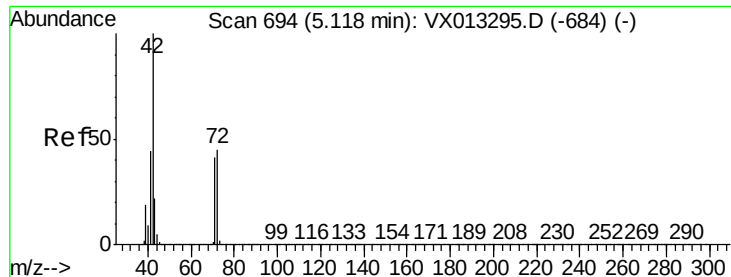


#28

Bromochloromethane
Concen: 51.571 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.7	0.0	5.2
130	83.2	63.8	95.6





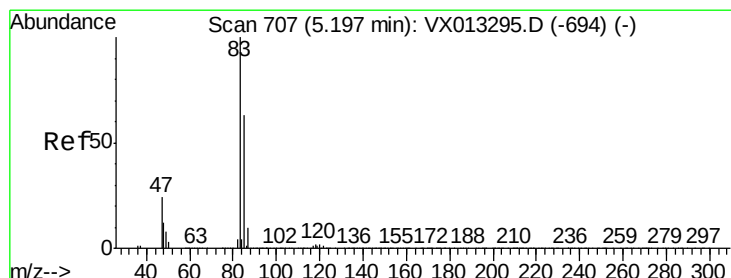
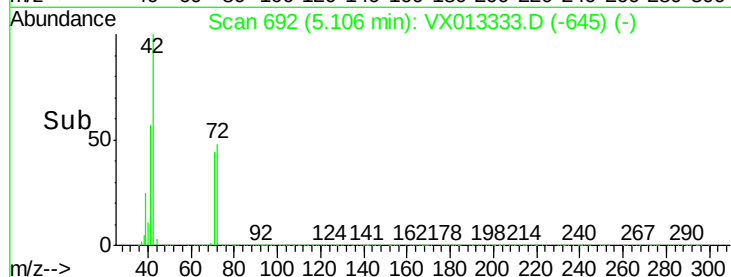
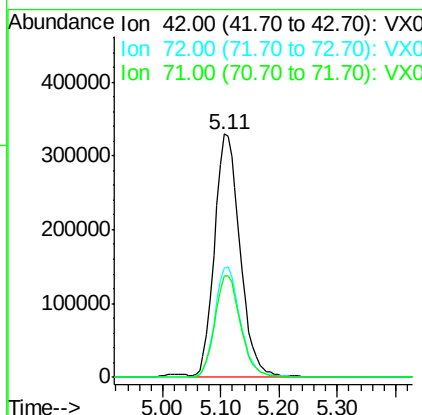
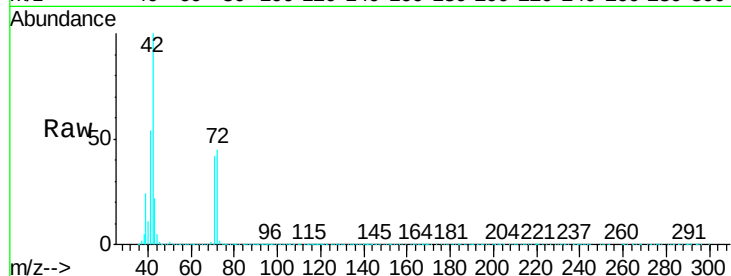
#29
Tetrahydrofuran
Concen: 249.208 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.8	53.8
71	41.9	33.4	50.0

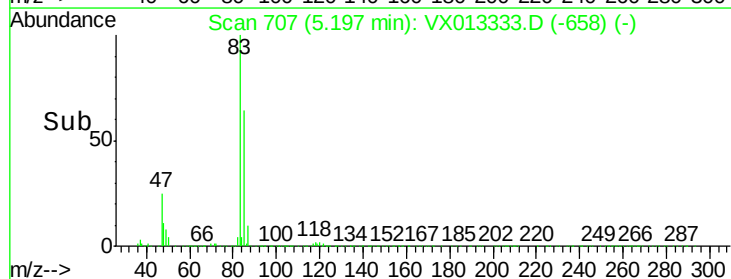
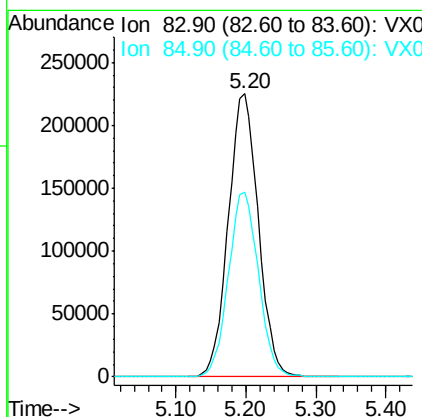
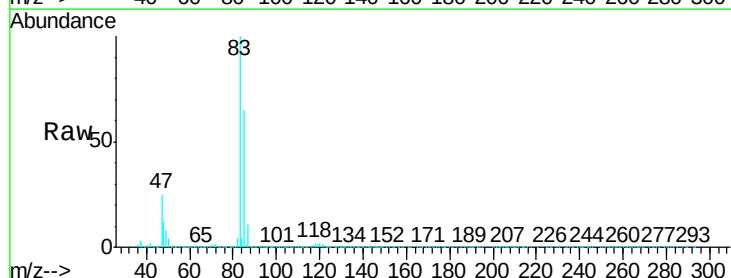
Manual Integrations
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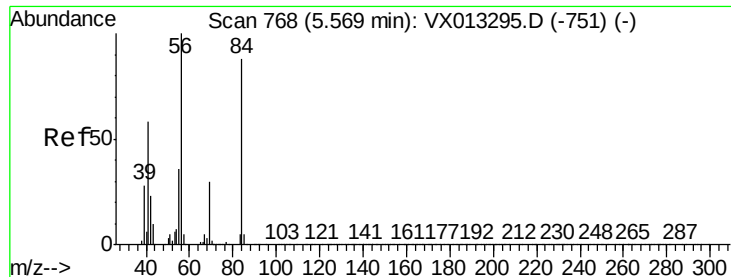
MMDadoda
11/7/2019 9:17:02 AM



#30
Chloroform
Concen: 50.378 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4





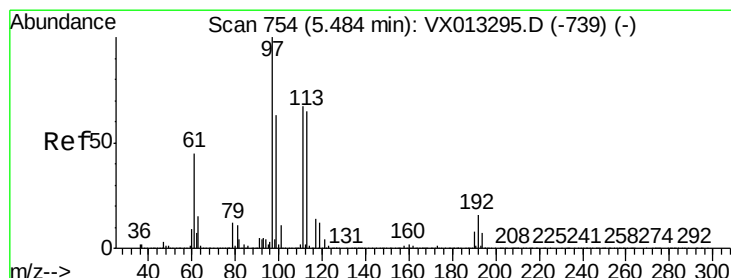
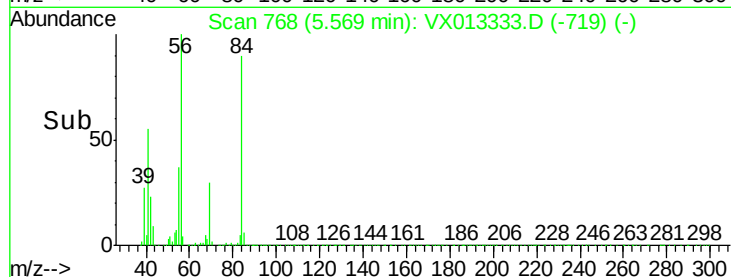
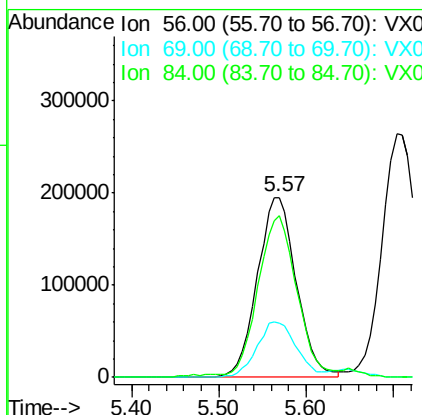
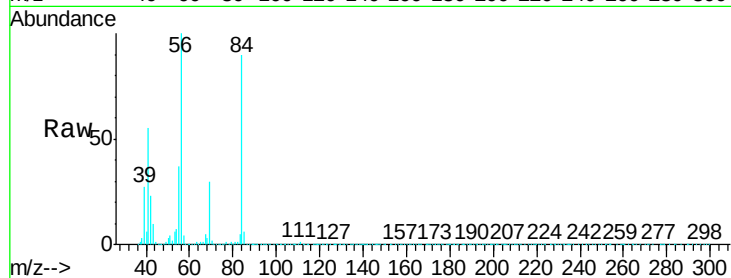
#31
Cyclohexane
Concen: 49.912 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.7	35.5
84	89.2	70.6	105.8

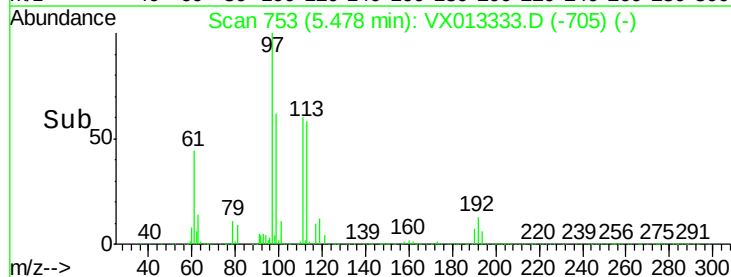
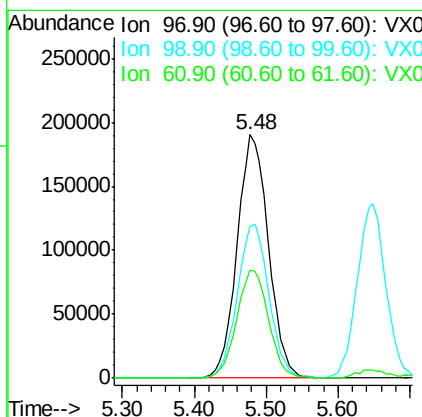
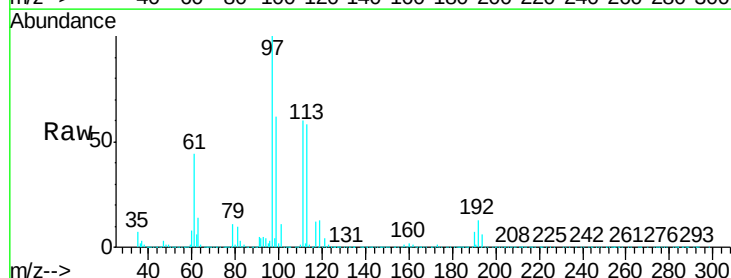
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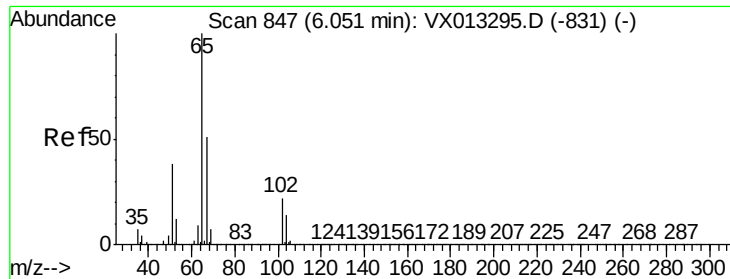
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#32
1,1,1-Trichloroethane
Concen: 50.013 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	45.3	36.5	54.7





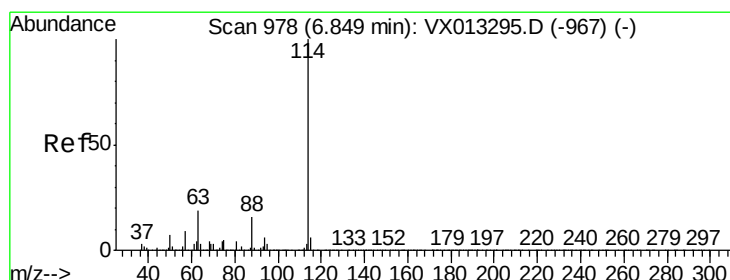
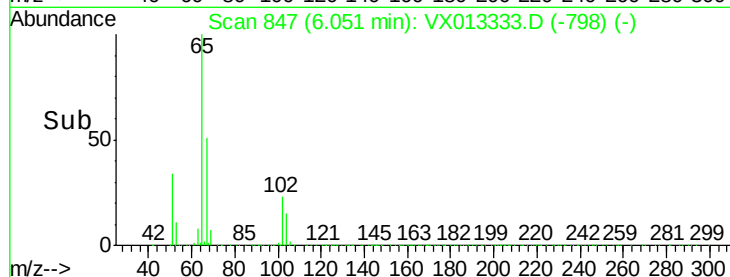
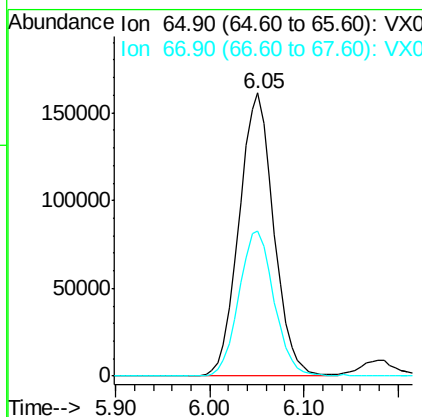
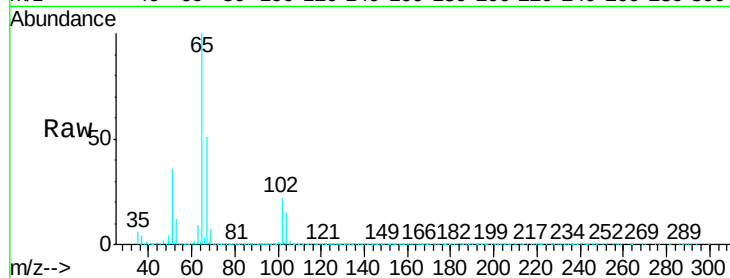
#33
1,2-Dichloroethane-d4
Concen: 46.693 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	414496		
67	51.6	0.0	104.2	

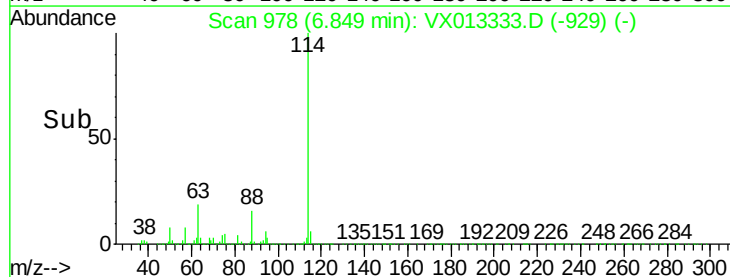
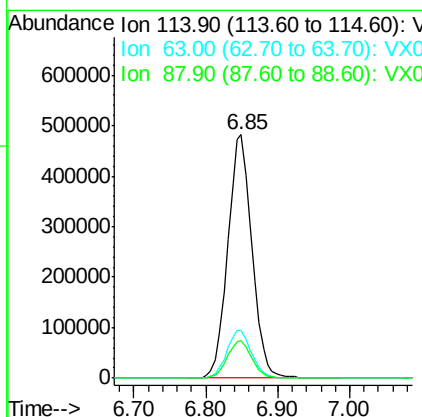
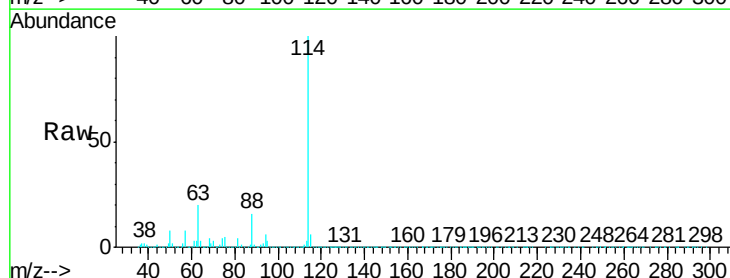
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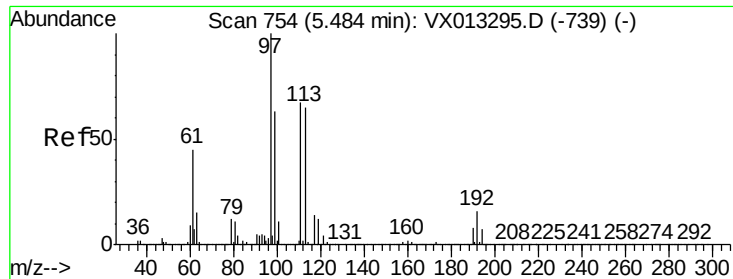
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1123111		
63	19.4	0.0	38.4	
88	15.5	0.0	32.2	





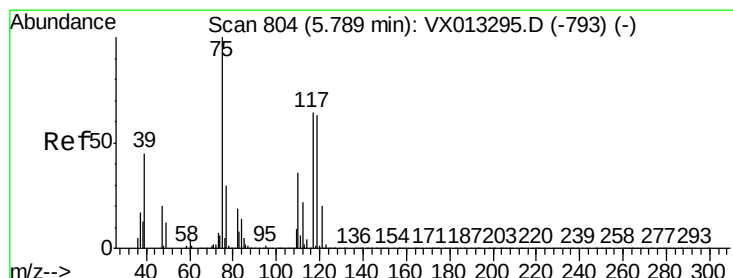
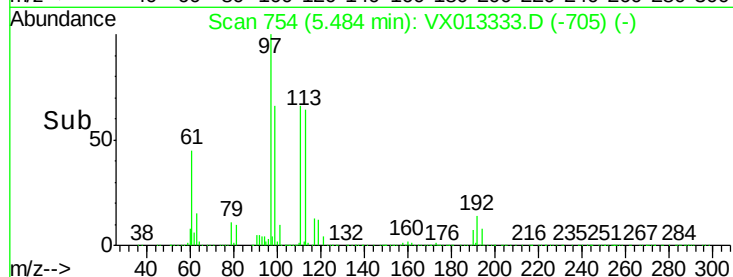
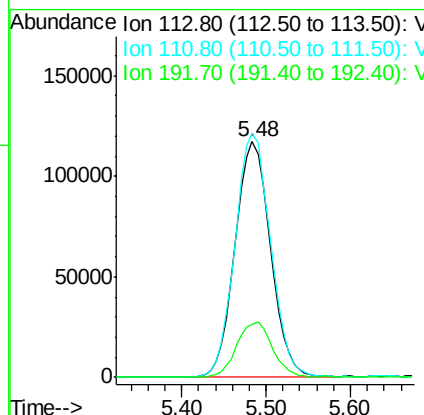
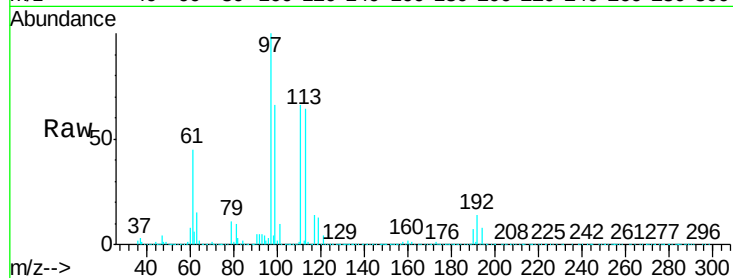
#35
Dibromofluoromethane
Concen: 47.448 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	334237		
111	104.4	81.9	122.9	
192	23.3	19.1	28.7	

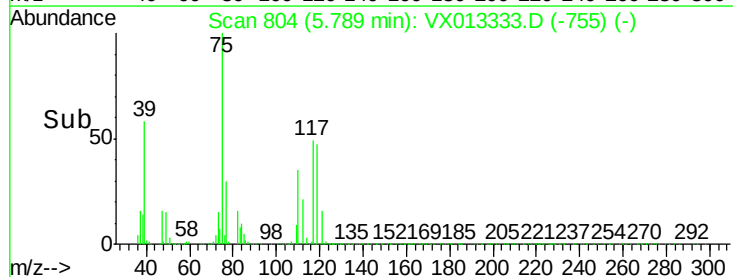
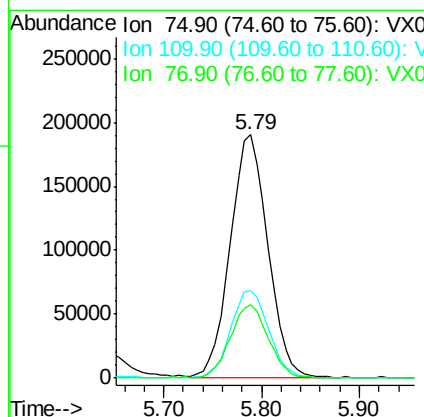
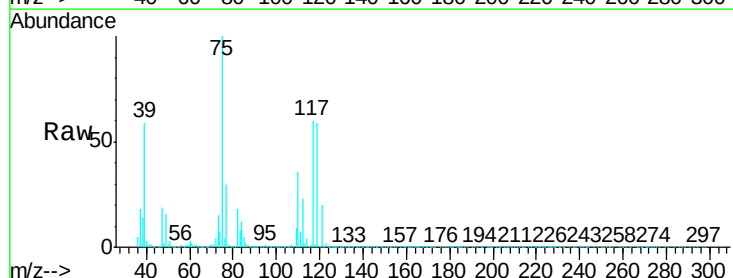
Manual Integrations
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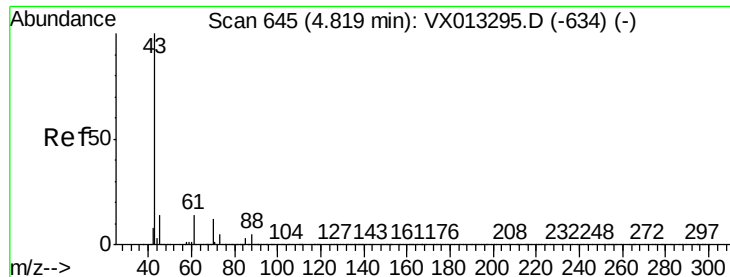
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#36
1,1-Dichloropropene
Concen: 52.418 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	505041		
110	36.8	18.1	54.1	
77	30.2	25.0	37.4	





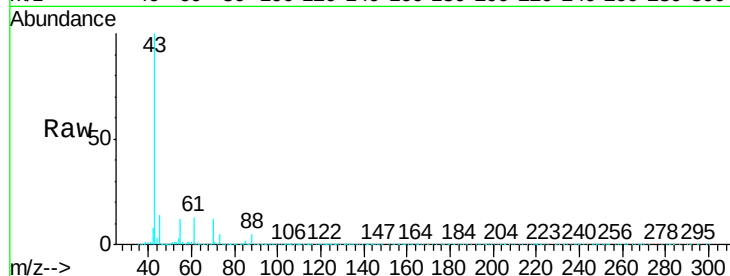
#37
Ethyl Acetate
Concen: 50.277 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

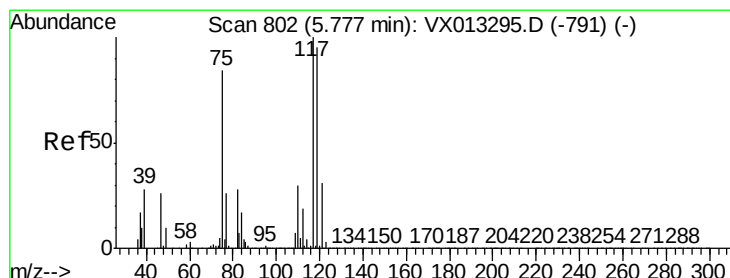
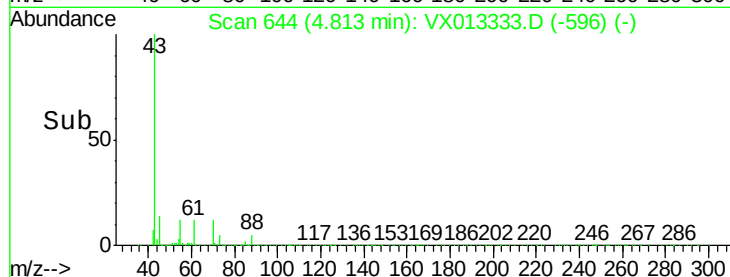
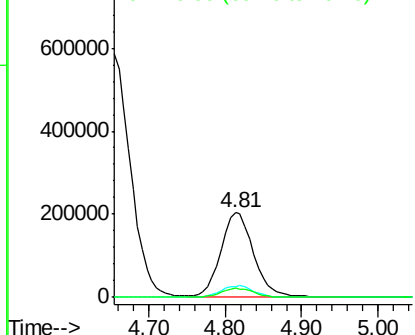
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.9	8.7	13.1

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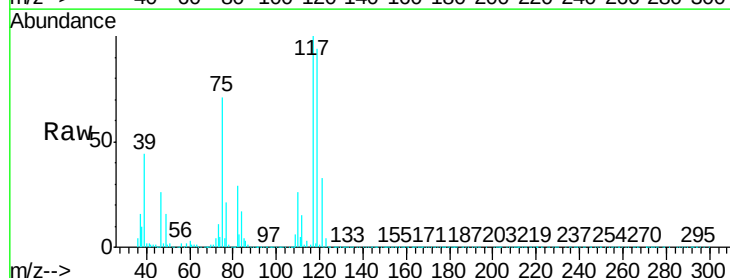


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

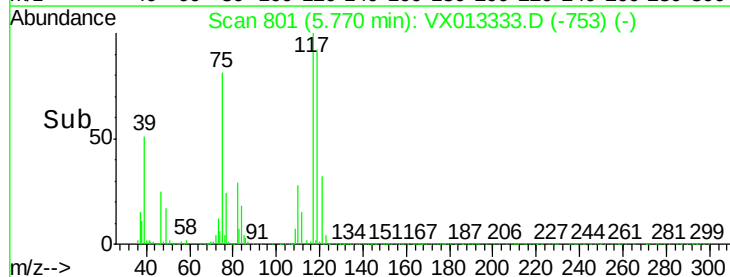
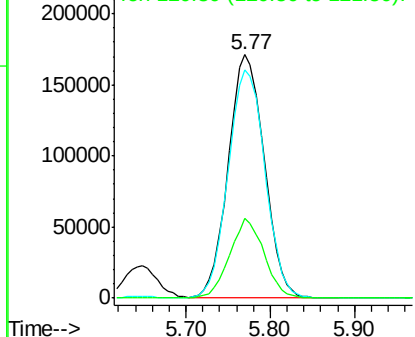


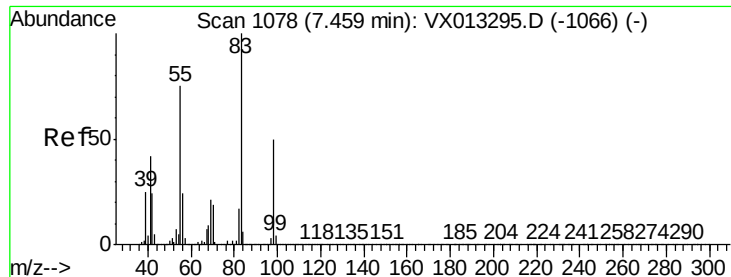
#38
Carbon Tetrachloride
Concen: 52.671 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.1	114.1
121	32.6	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





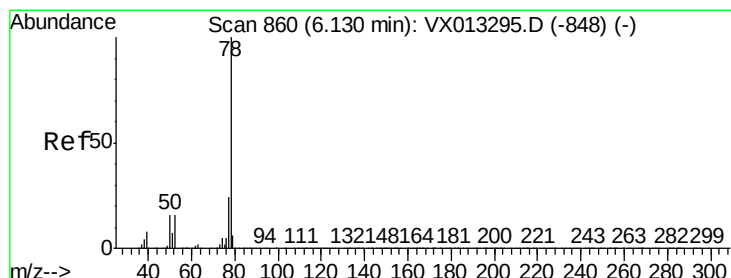
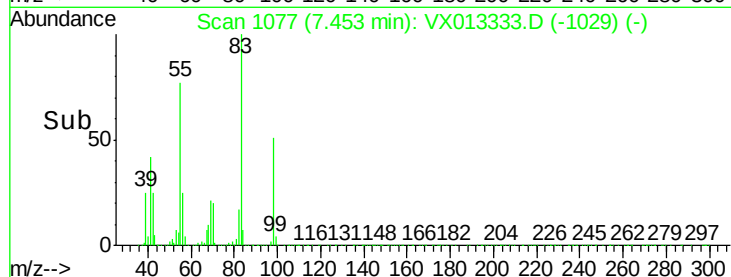
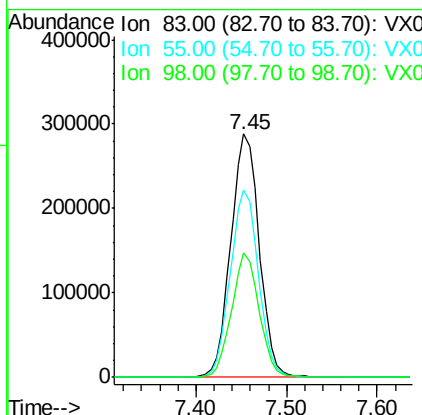
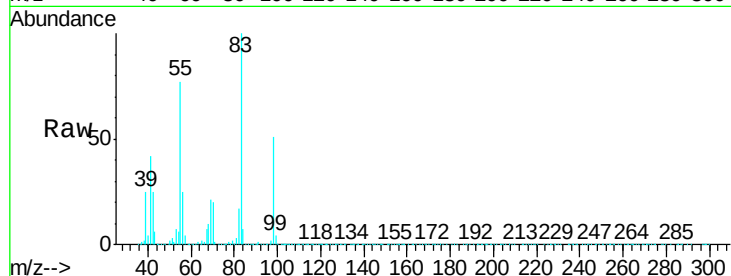
#39
Methylcyclohexane
Concen: 52.458 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	60.3	90.5
98	51.2	40.3	60.5

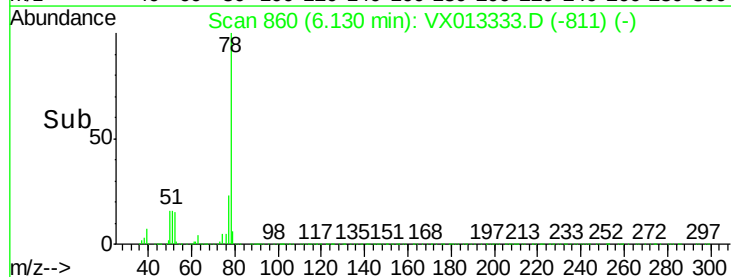
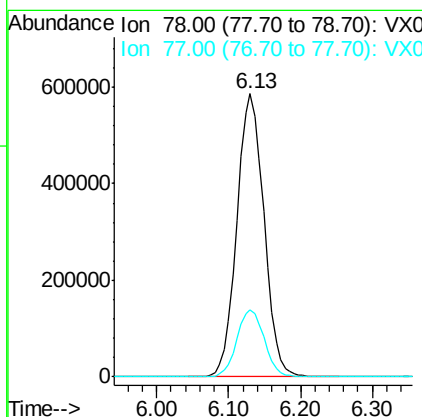
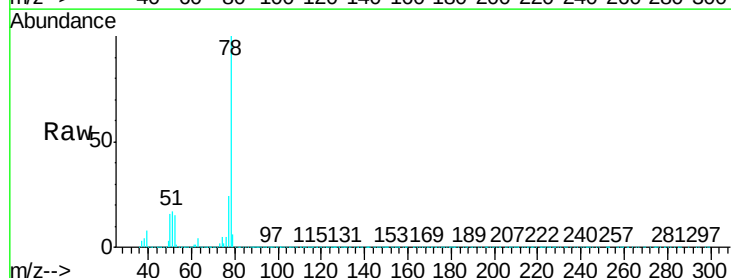
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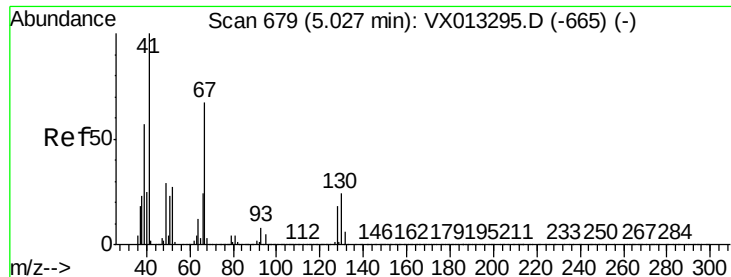
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#40
Benzene
Concen: 51.032 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





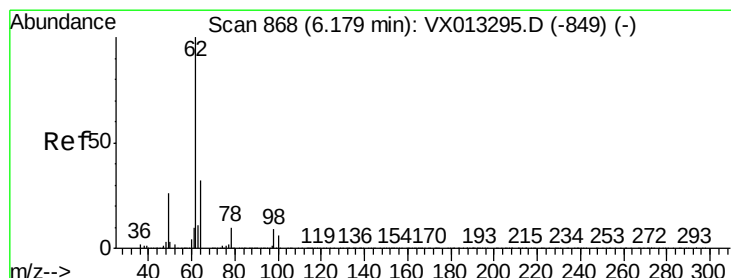
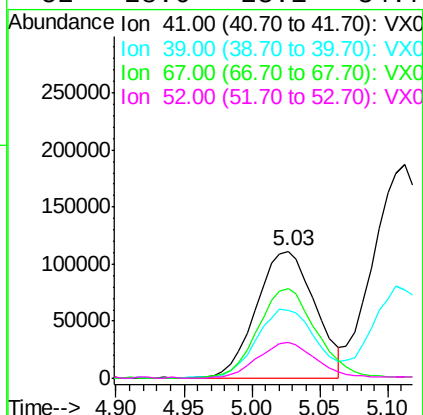
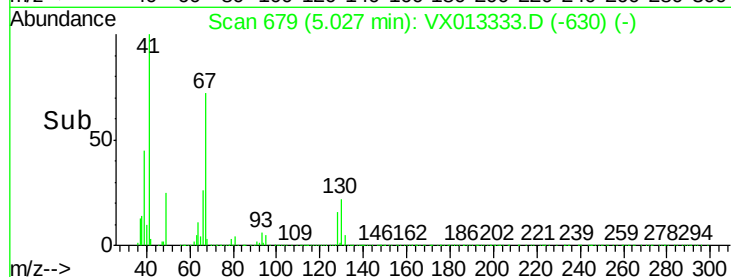
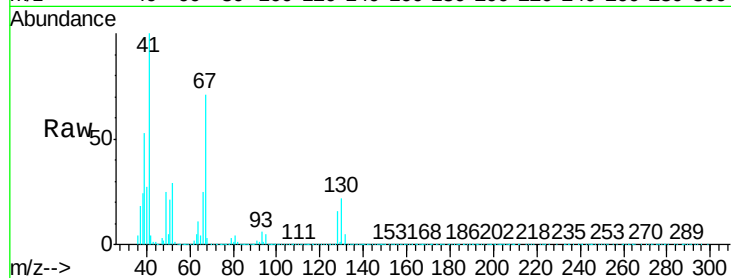
#41
Methacrylonitrile
Concen: 50.233 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	45.0	67.6	
67	70.3	55.4	83.2	
52	28.6	23.1	34.7	

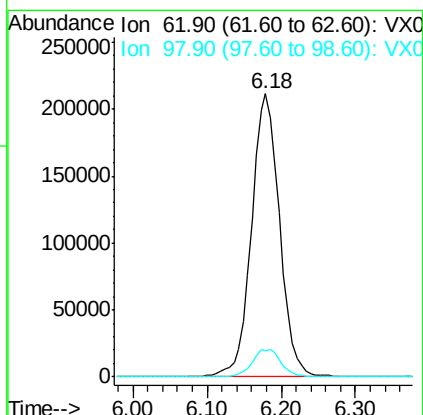
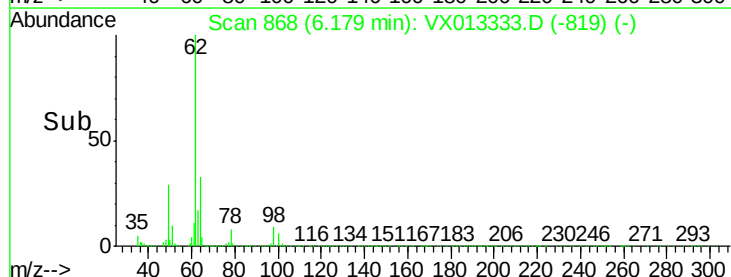
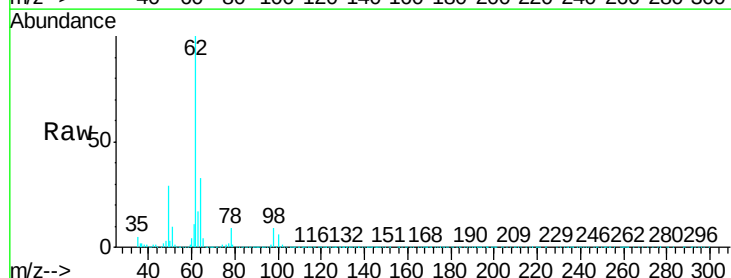
Manual Integrations
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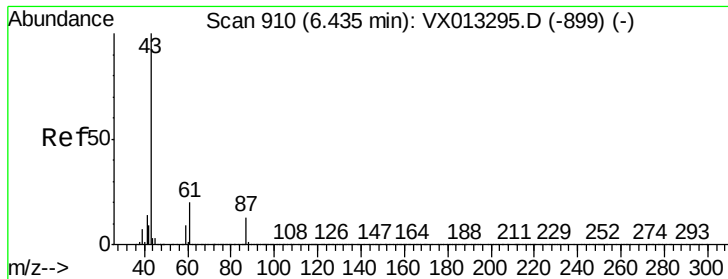
MMDadoda
11/7/2019 9:17:02 AM



#42
1,2-Dichloroethane
Concen: 51.535 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

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





#43

Isopropyl Acetate

Concen: 53.111 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

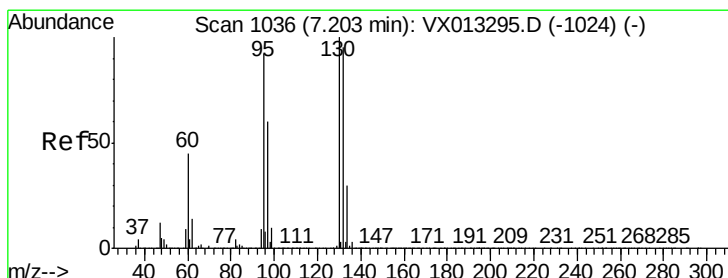
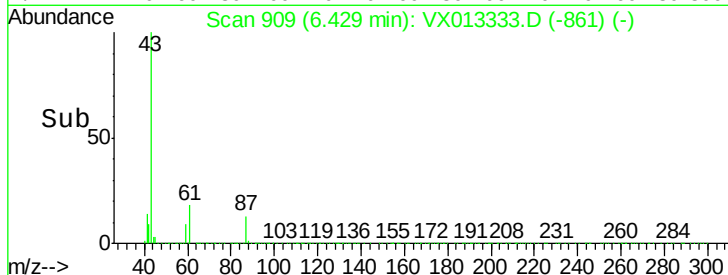
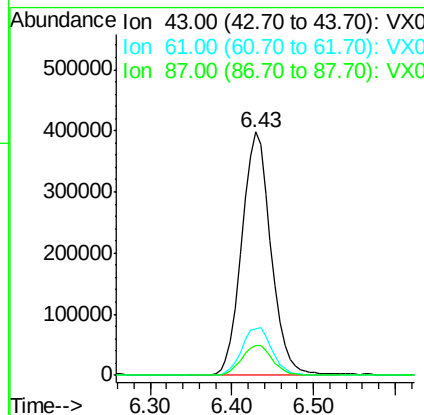
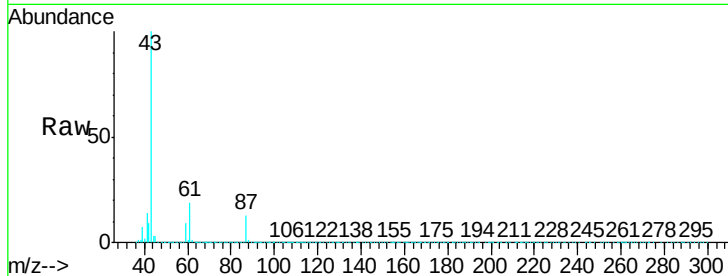
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	984632
Ion Ratio		Lower	Upper
43	100		
61	20.4	15.8	23.8
87	13.1	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 50.315 ug/l

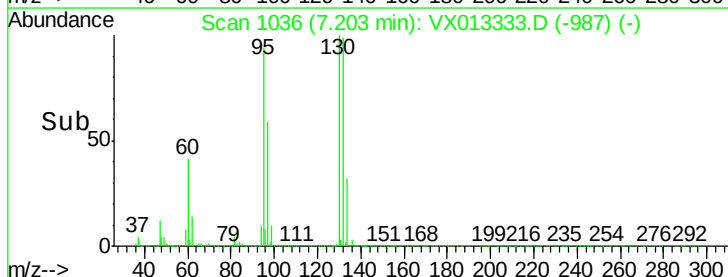
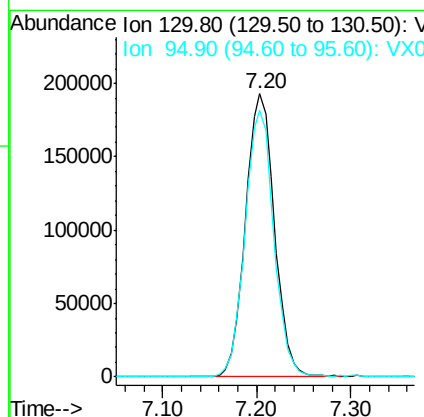
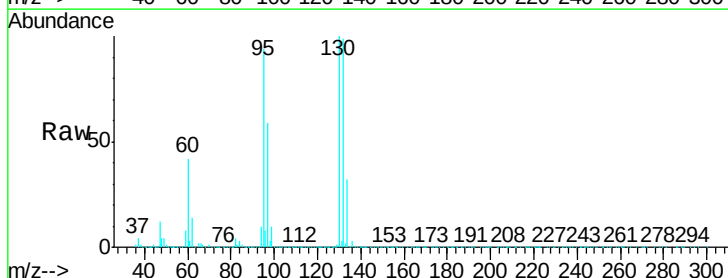
RT: 7.20 min Scan# 1036

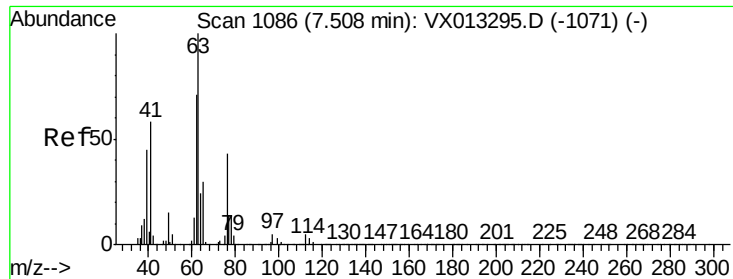
Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	130	Resp:	415670
Ion Ratio		Lower	Upper
130	100		
95	94.3	0.0	184.8





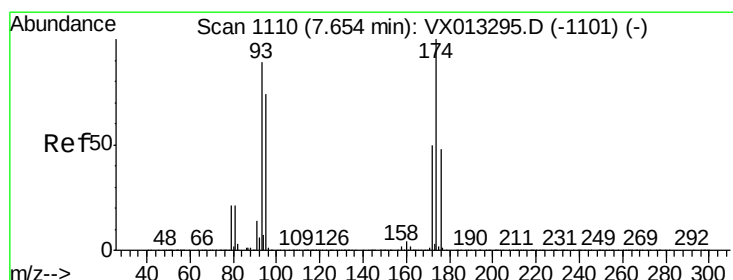
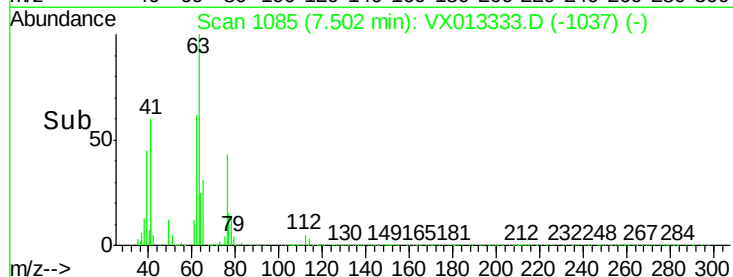
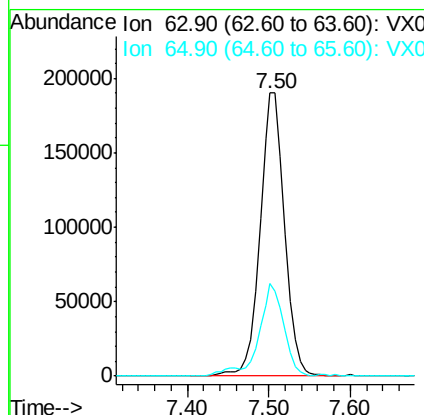
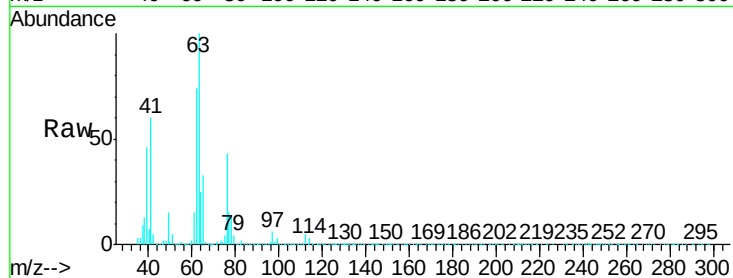
#45
 1,2-Dichloropropane
 Concen: 51.916 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.3	36.5

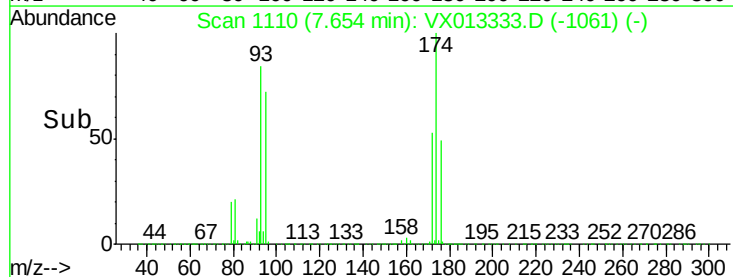
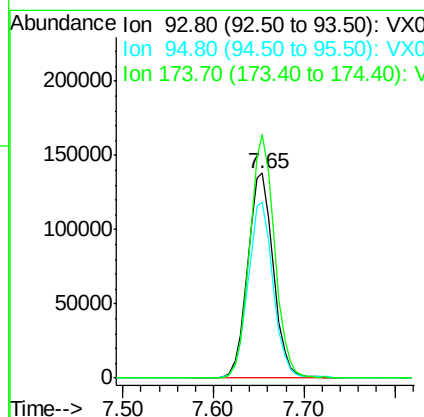
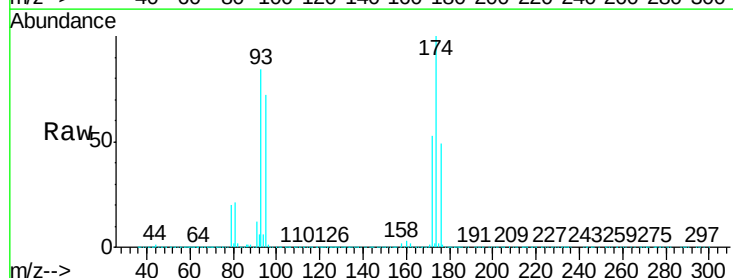
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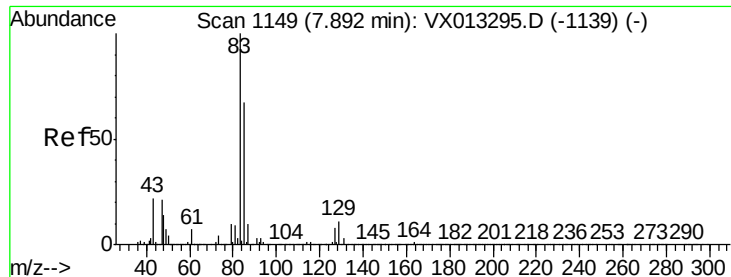
MMDadoda
 11/7/2019 9:17:02 AM



#46
 Dibromomethane
 Concen: 51.568 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.8	98.6
174	115.4	90.4	135.6





#47

Bromodichloromethane

Concen: 54.786 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

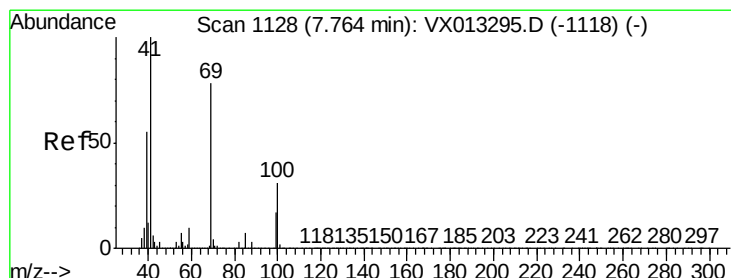
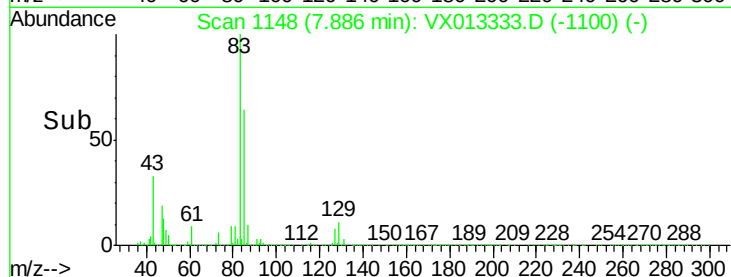
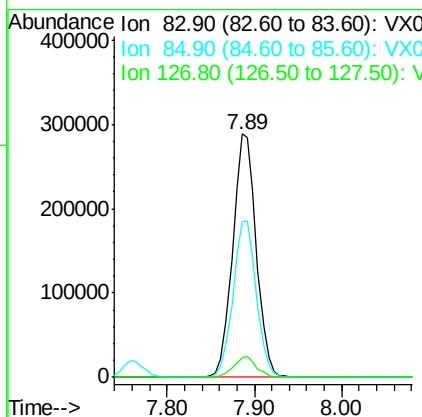
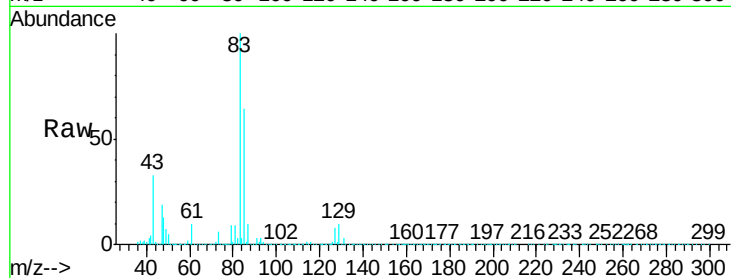
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	539402
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.583 ug/l

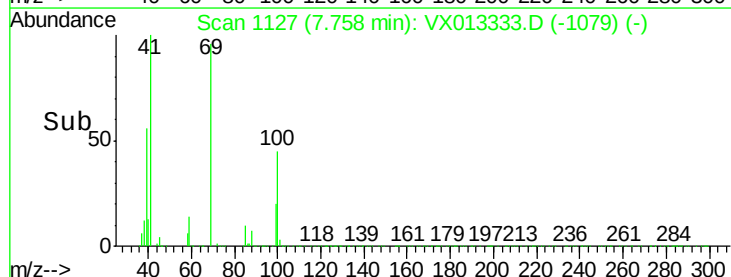
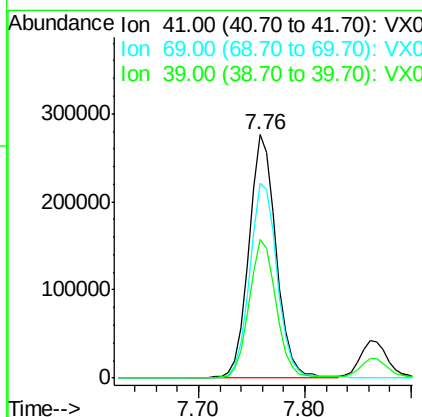
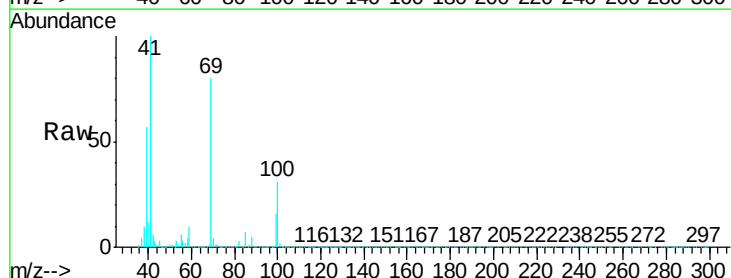
RT: 7.76 min Scan# 1127

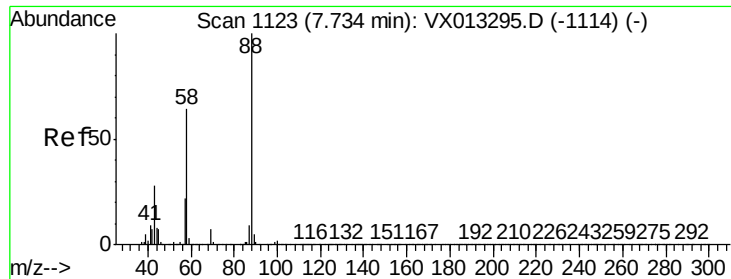
Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	41	Resp:	495872
Ion Ratio	Lower	Upper	
41	100		
69	81.1	63.0	94.6
39	56.9	45.9	68.9





#49

1,4-Dioxane

Concen: 981.016 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

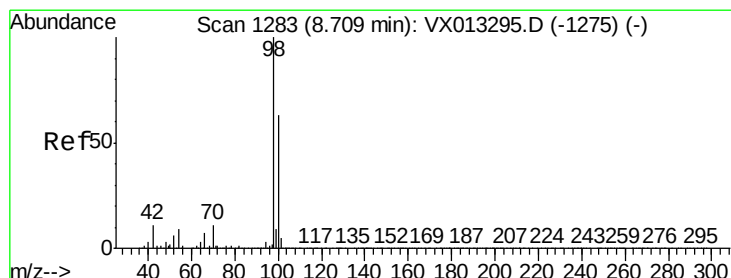
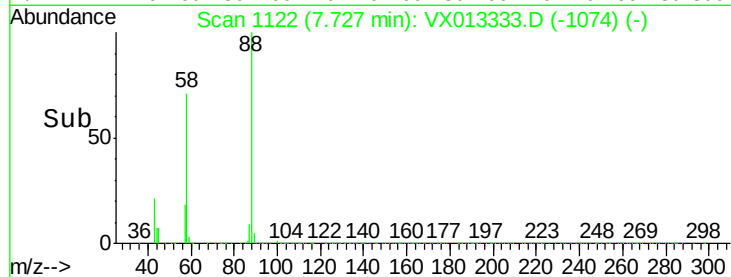
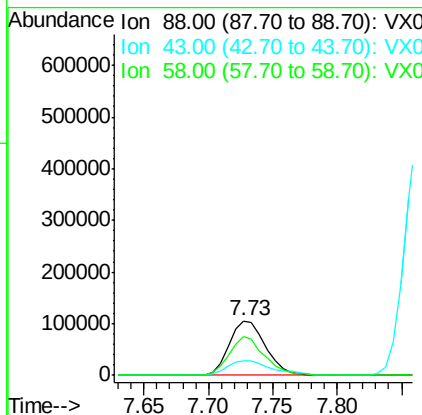
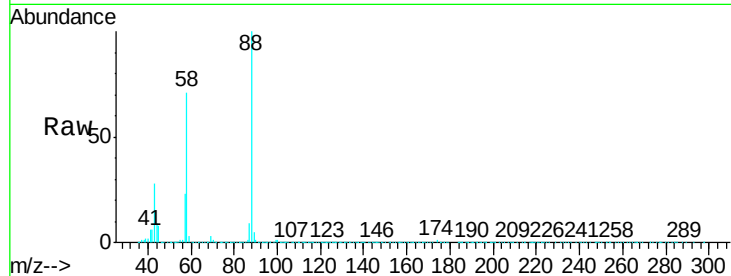
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	207909
Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.6	39.8
58	69.3	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.969 ug/l

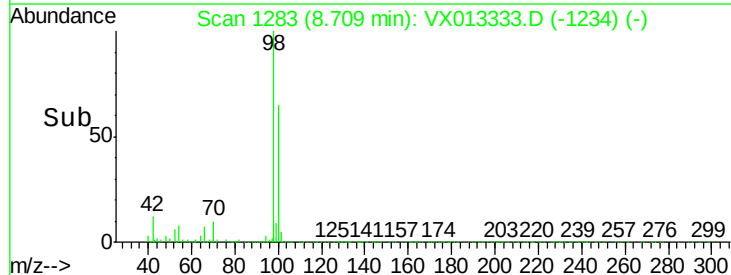
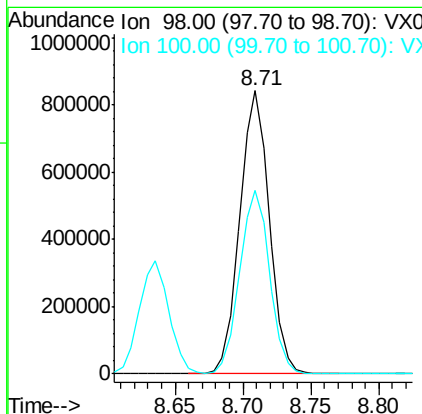
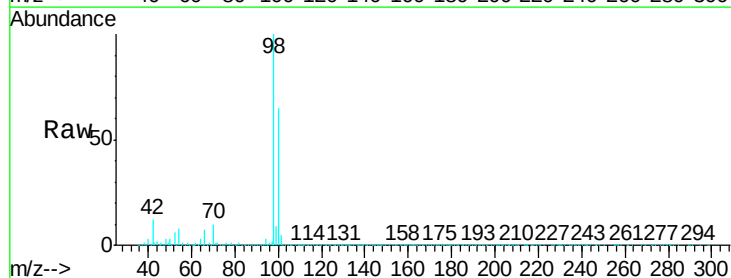
RT: 8.71 min Scan# 1283

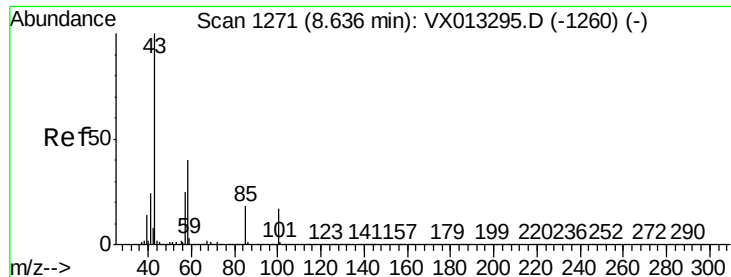
Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	98	Resp:	1273878
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





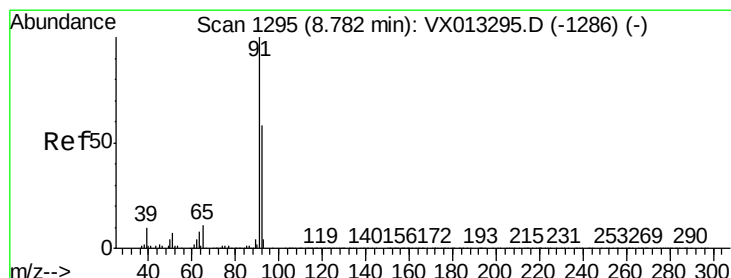
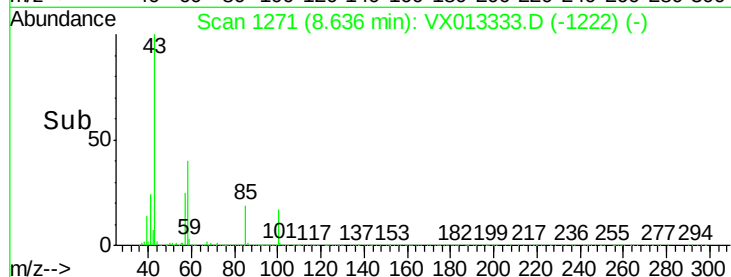
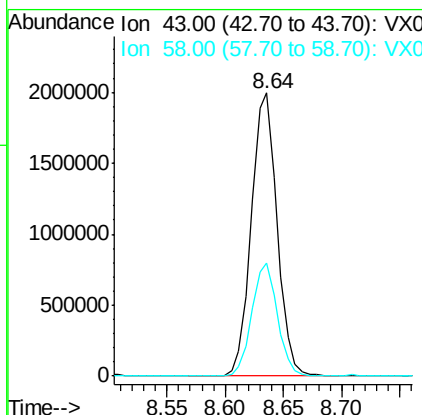
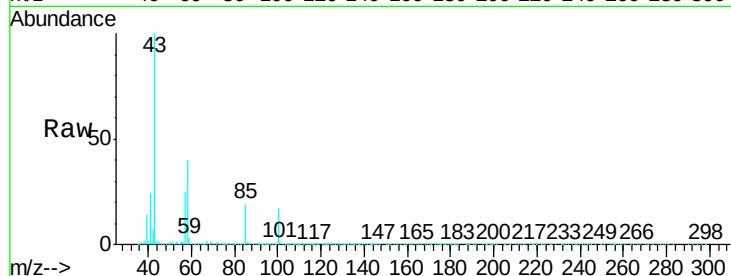
#51
4-Methyl-2-Pentanone
Concen: 253.793 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3086932
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.0

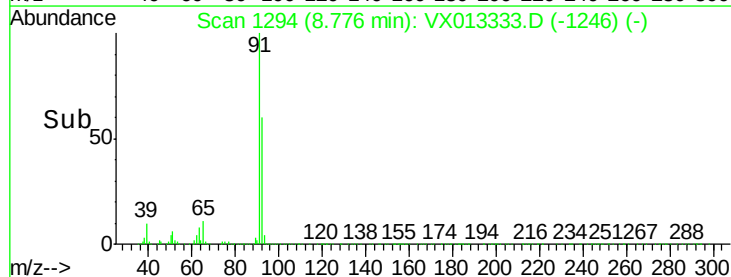
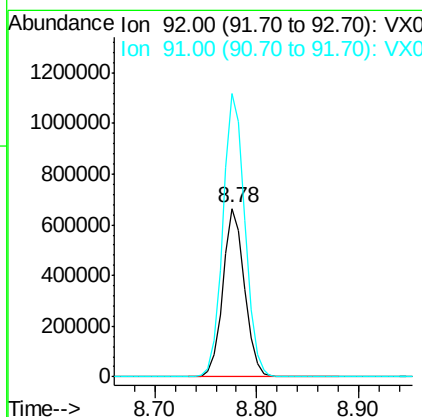
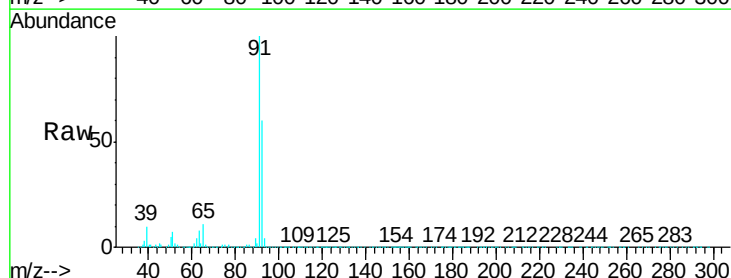
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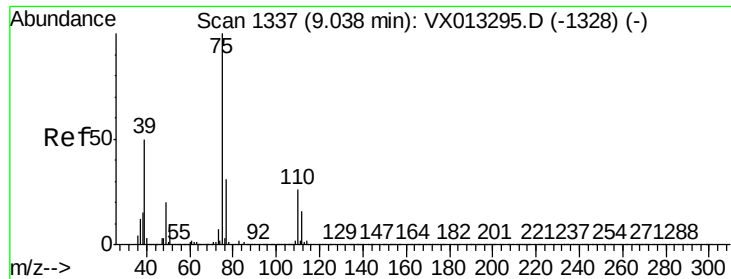
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#52
Toluene
Concen: 52.360 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 92 Resp: 973967
Ion Ratio Lower Upper
92 100
91 172.0 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 56.655 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 609952

Ion Ratio Lower Upper

75 100

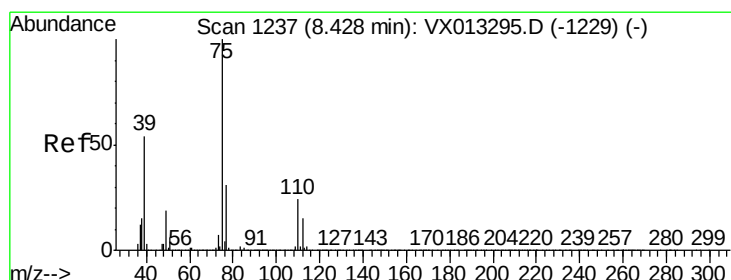
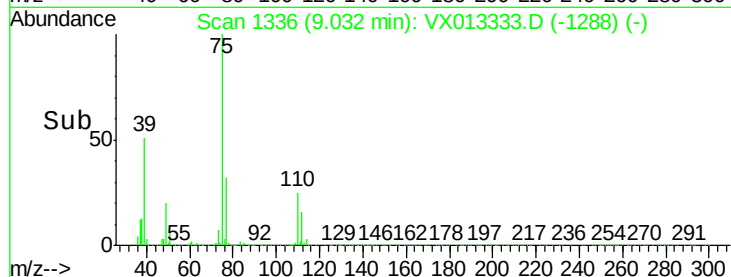
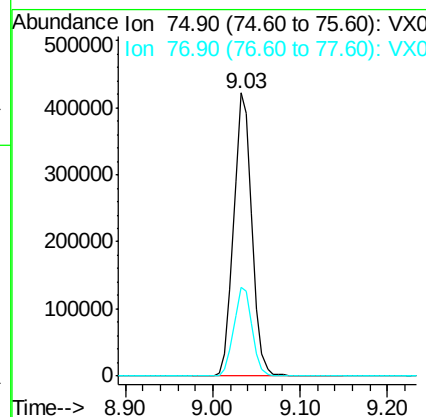
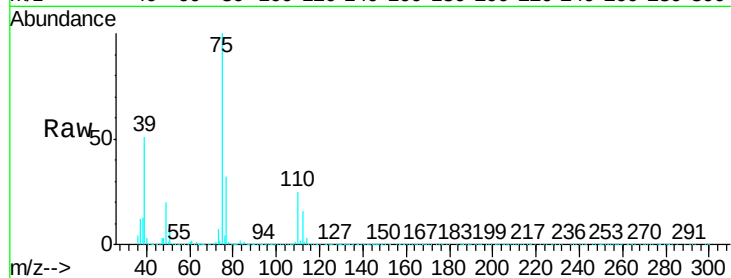
77 31.5 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 54.563 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

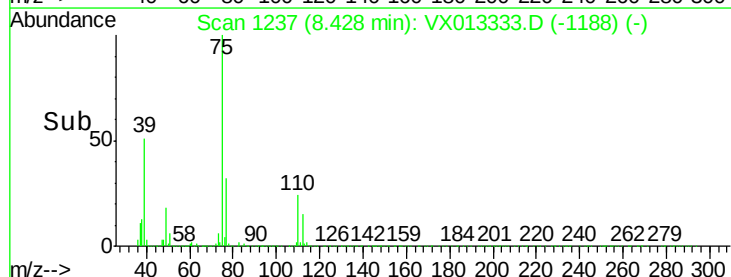
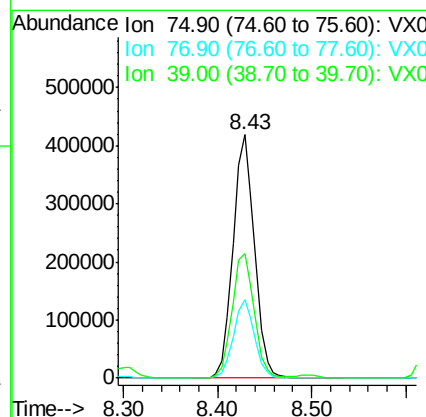
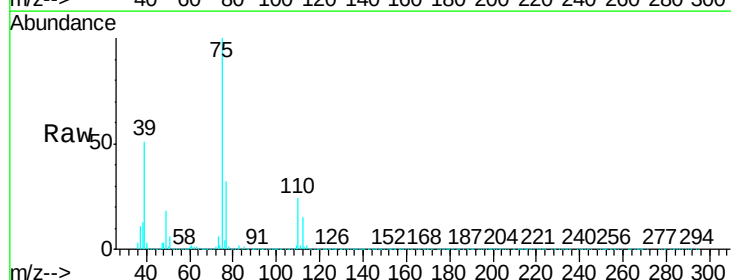
Tgt Ion: 75 Resp: 657104

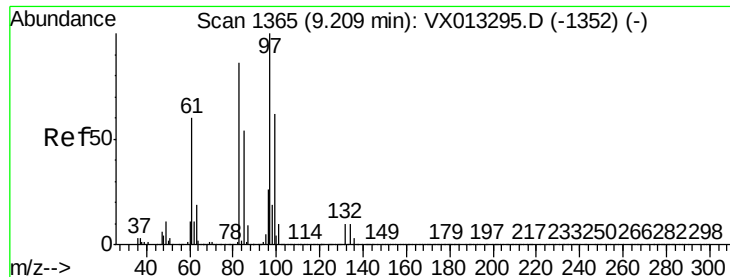
Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1

39 50.8 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 53.234 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

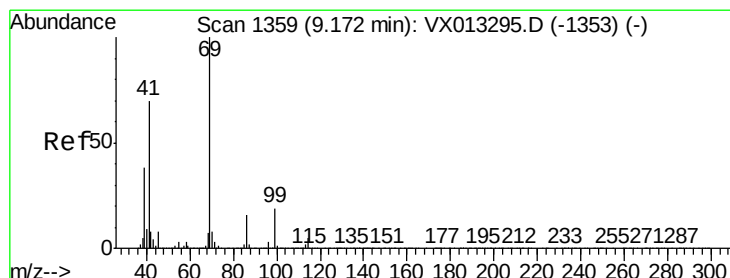
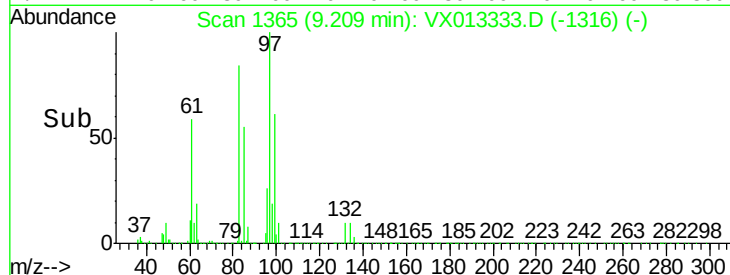
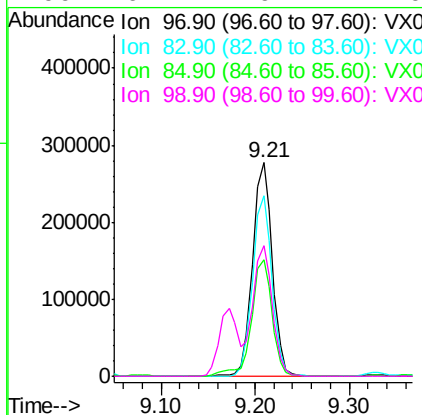
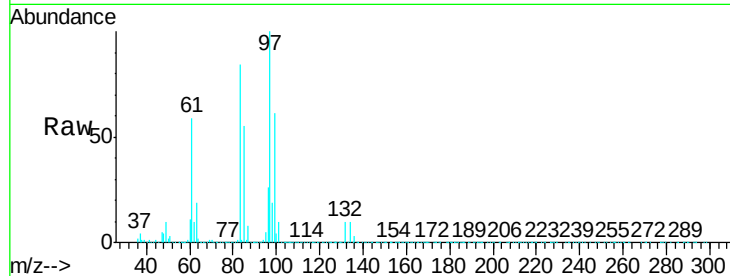
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	410440
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.6	103.0
85	54.6	43.1	64.7
99	61.2	49.4	74.0

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#56

Ethyl methacrylate

Concen: 50.828 ug/l

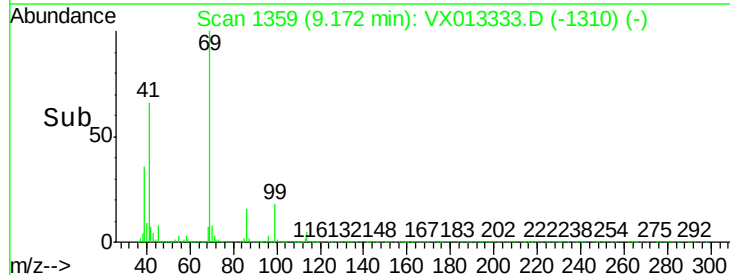
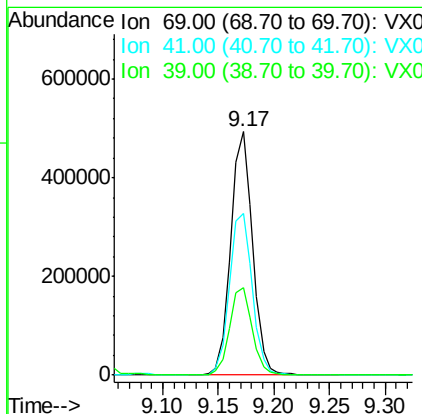
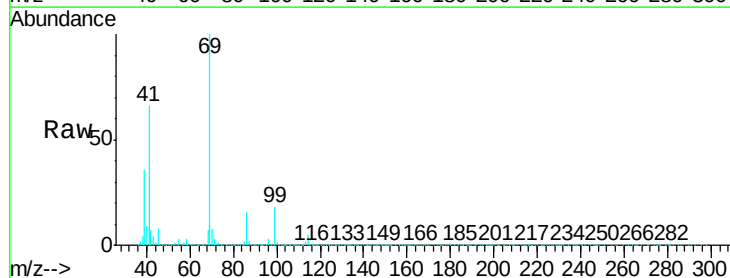
RT: 9.17 min Scan# 1359

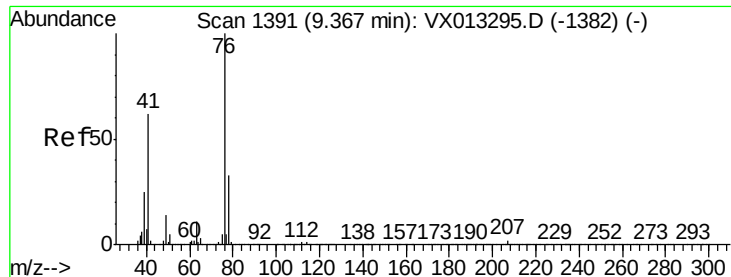
Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	69	Resp:	669388
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.2	84.2
39	37.1	31.1	46.7





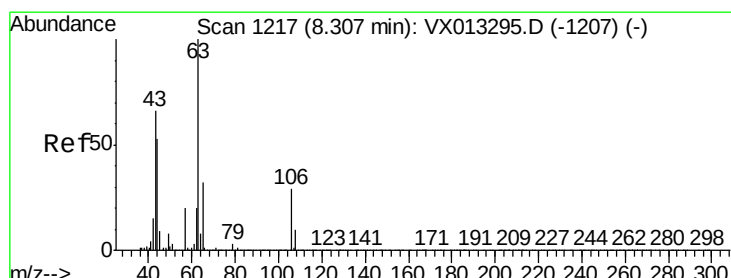
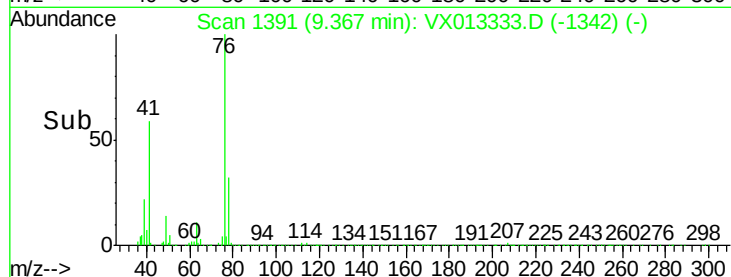
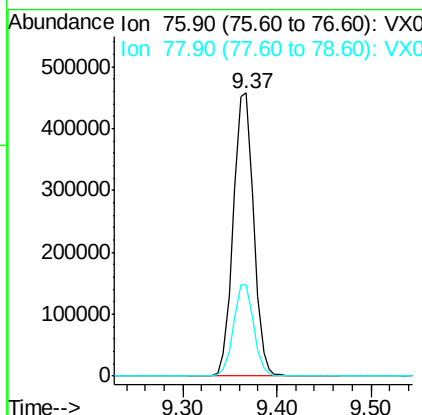
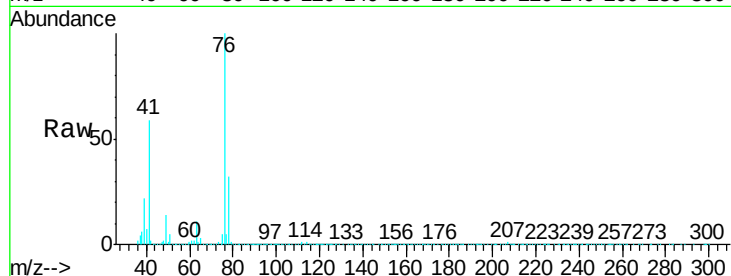
#57
 1,3-Dichloropropane
 Concen: 52.428 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

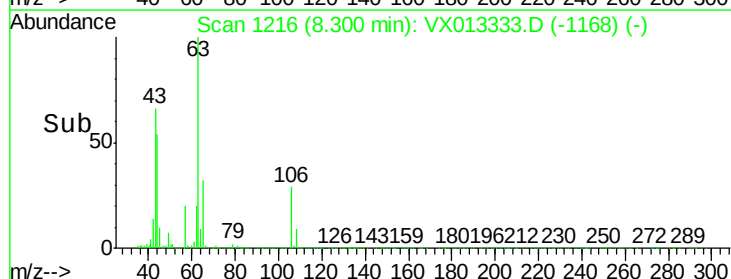
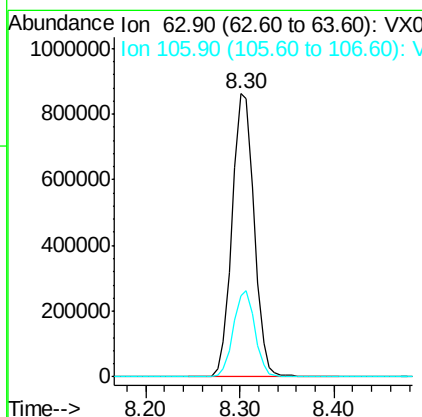
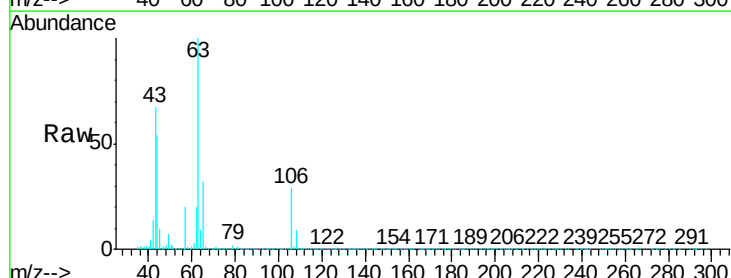
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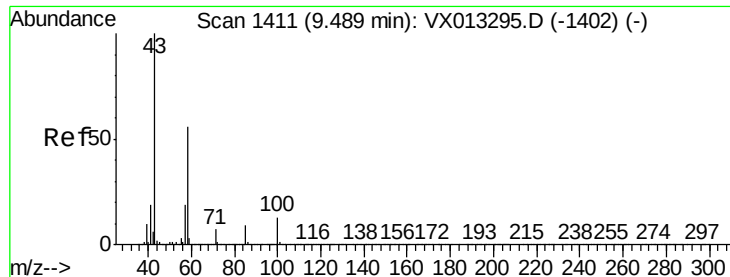
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 11/7/2019 9:17:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.462 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.4	35.2





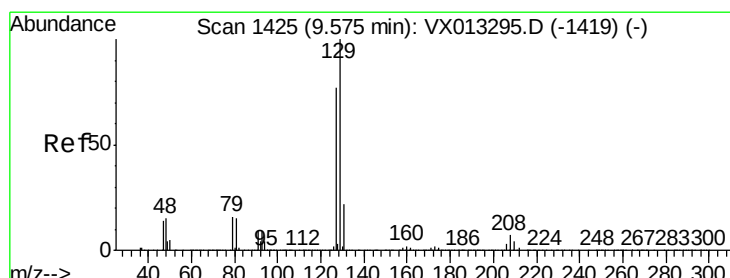
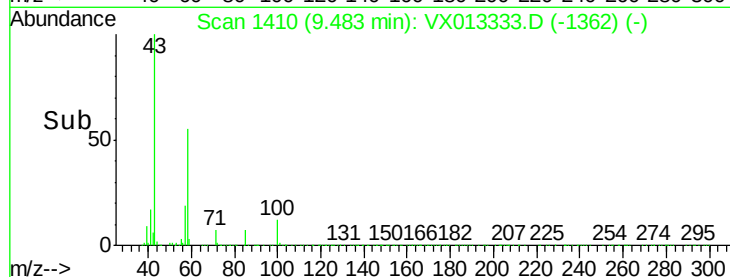
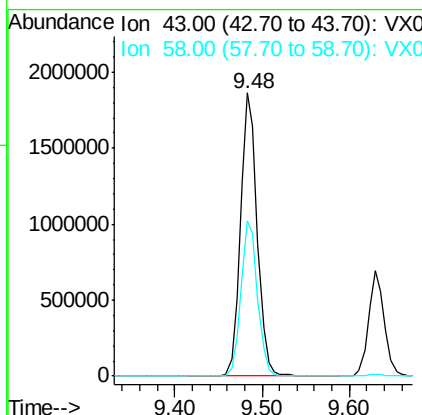
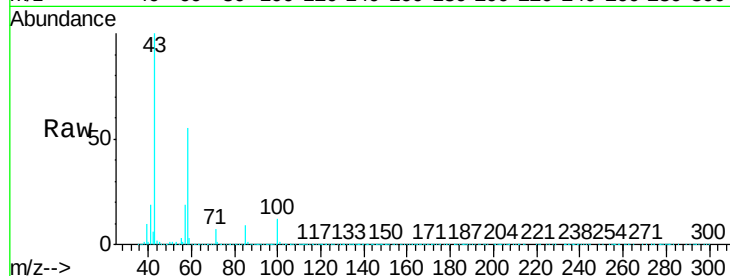
#59
2-Hexanone
Concen: 263.686 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2478499
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

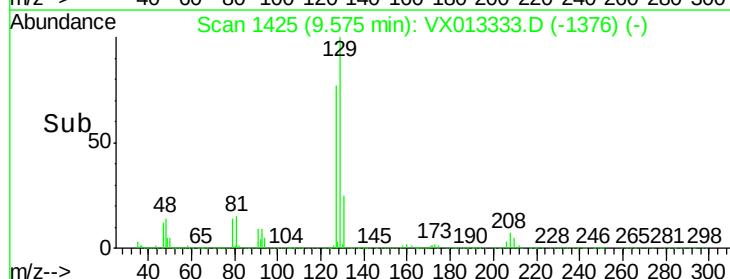
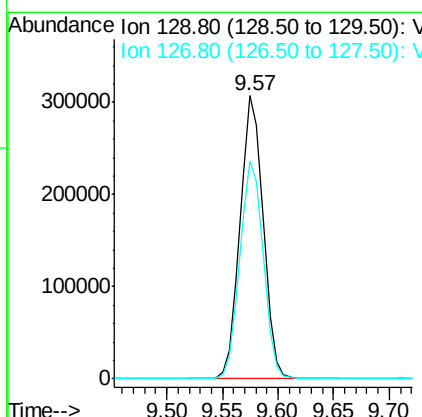
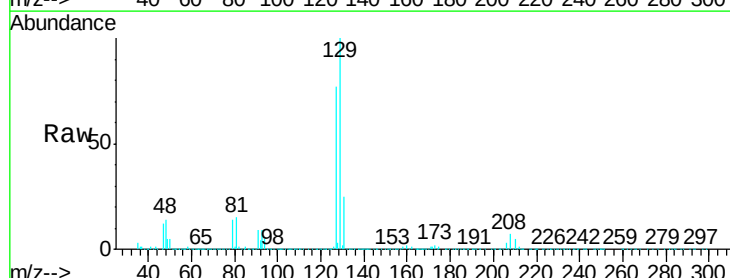
Manual Integrations
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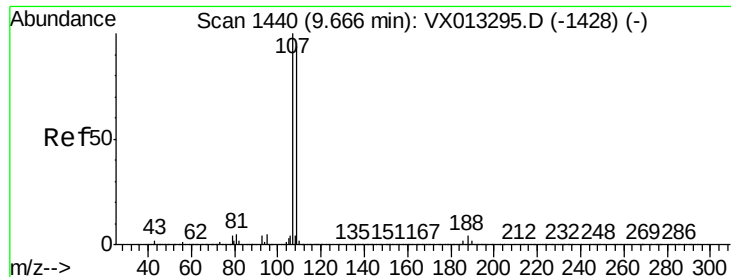
MMDadoda
11/7/2019 9:17:02 AM



#60
Dibromochloromethane
Concen: 56.063 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 129 Resp: 442073
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





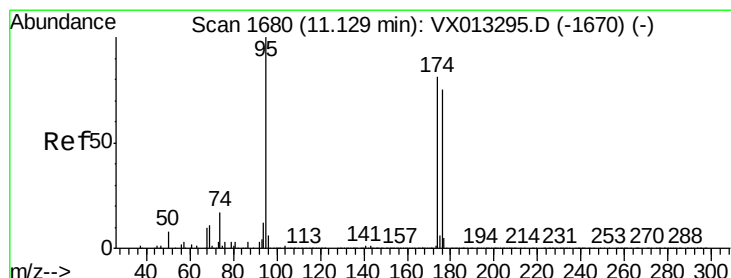
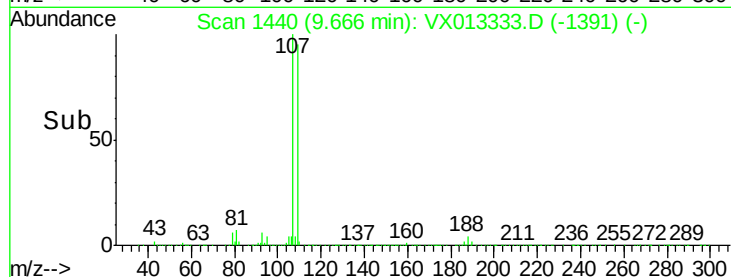
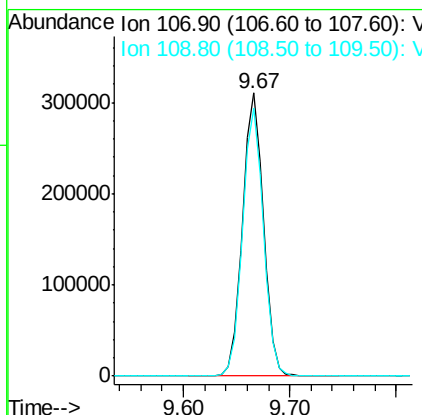
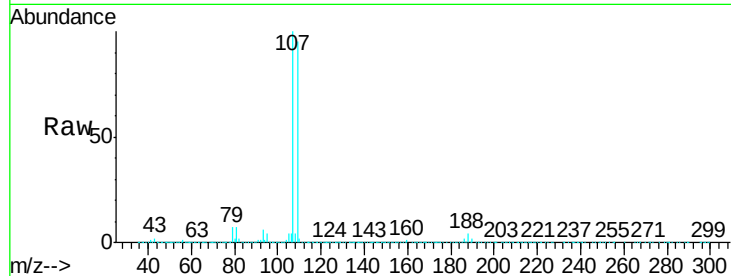
#61
 1,2-Dibromoethane
 Concen: 52.498 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	429811		
109	94.9	75.1	112.7	

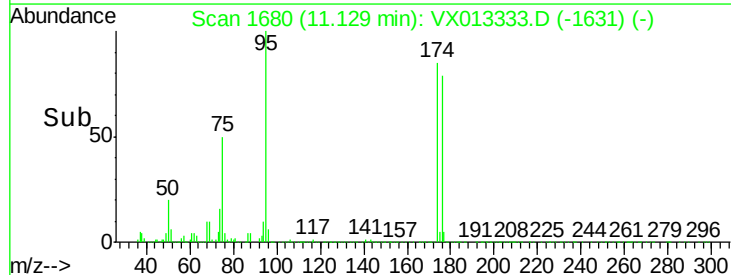
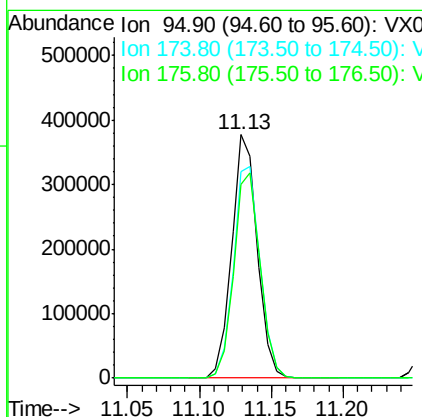
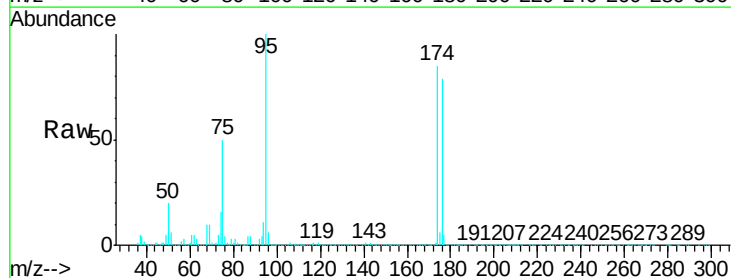
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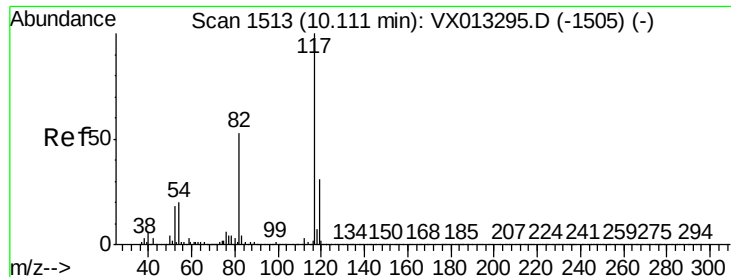
MMDadoda
 11/7/2019 9:17:02 AM



#62
 4-Bromofluorobenzene
 Concen: 49.008 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	469704		
174	90.2	0.0	179.8	
176	86.7	0.0	173.0	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 1030182

Ion Ratio Lower Upper

117 100

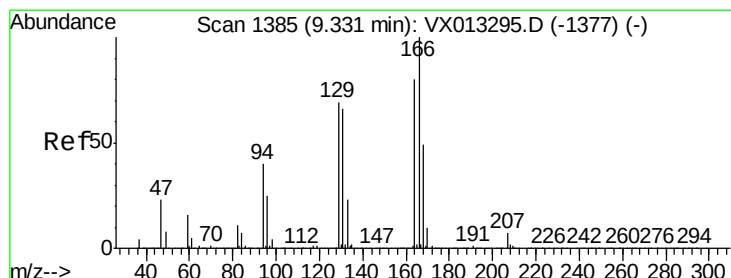
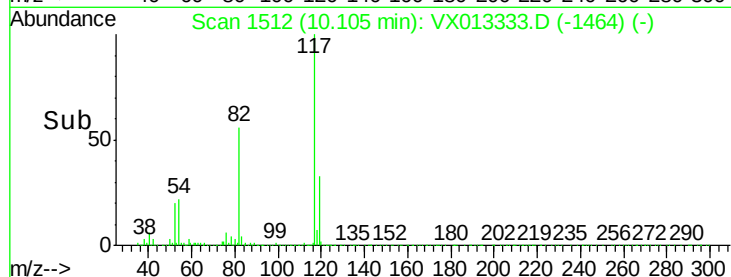
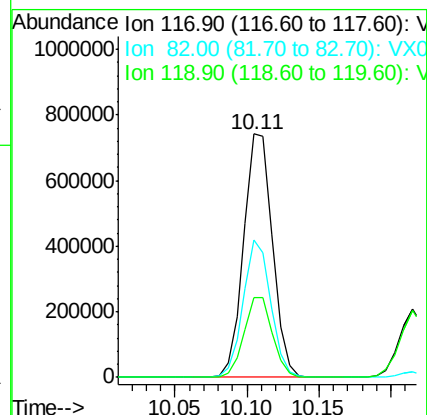
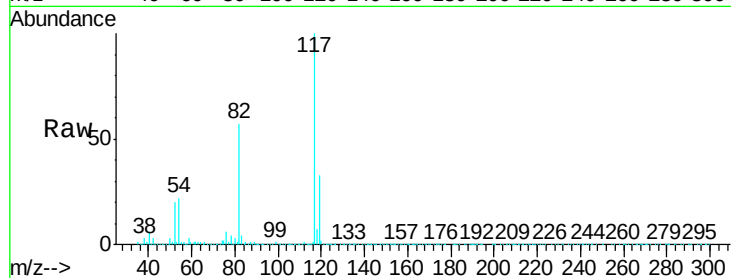
82 56.5 42.6 64.0

119 32.5 24.8 37.2

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#64

Tetrachloroethene

Concen: 51.435 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:164 Resp: 379320

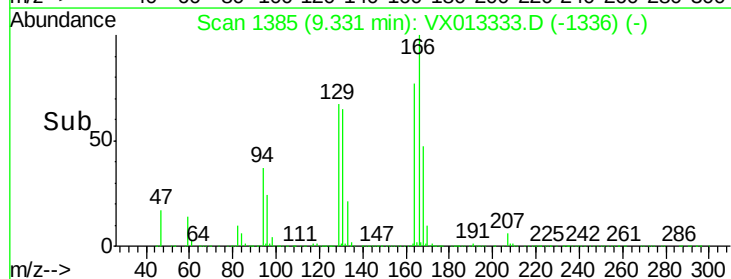
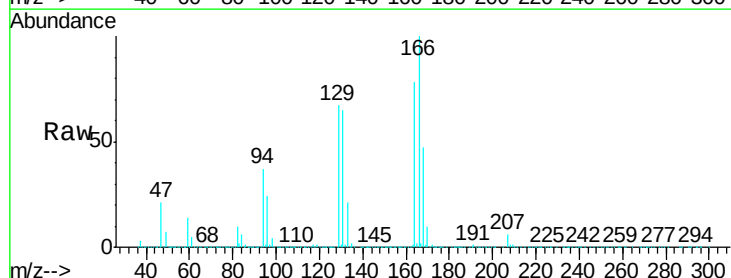
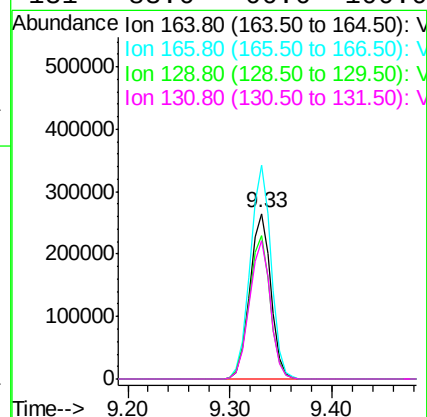
Ion Ratio Lower Upper

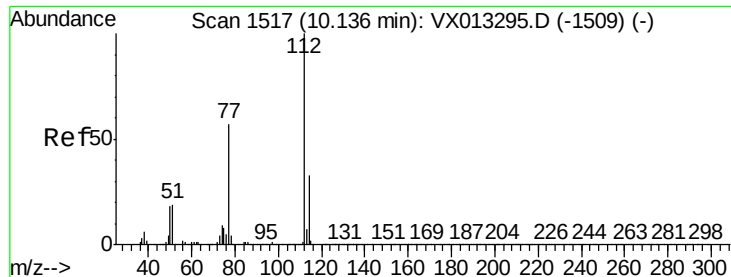
164 100

166 128.9 100.4 150.6

129 86.4 69.4 104.2

131 83.6 66.6 100.0





#65

Chlorobenzene

Concen: 50.872 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 1061017

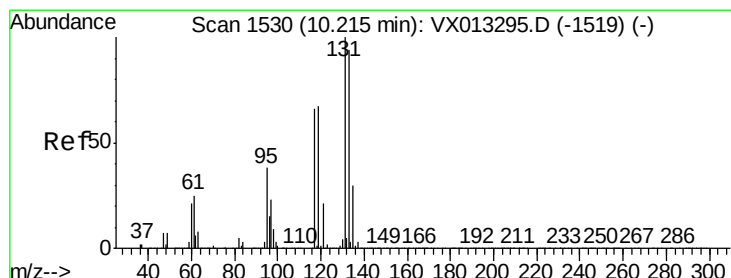
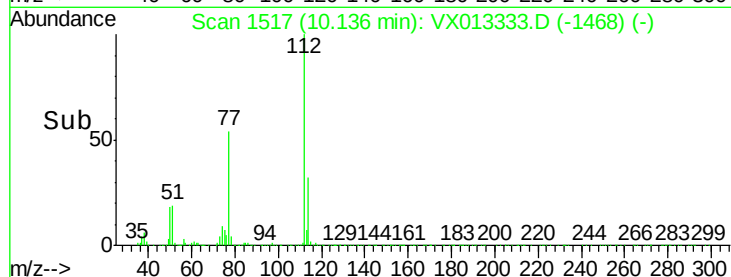
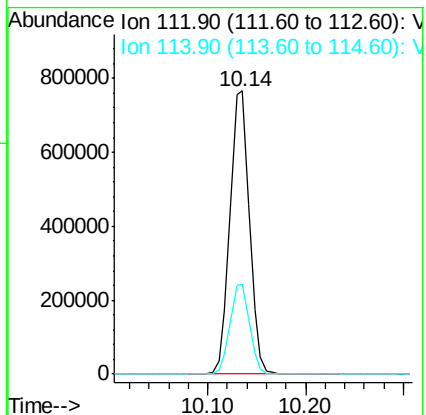
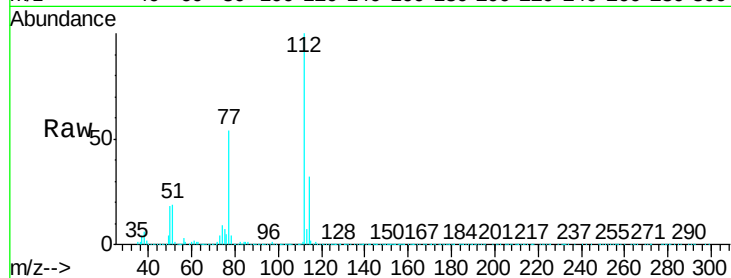
Ion Ratio Lower Upper

112 100

114 31.8 26.4 39.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.266 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

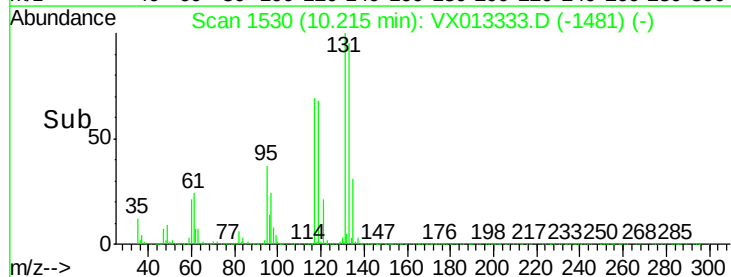
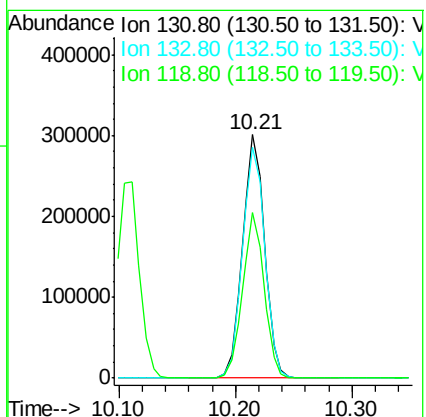
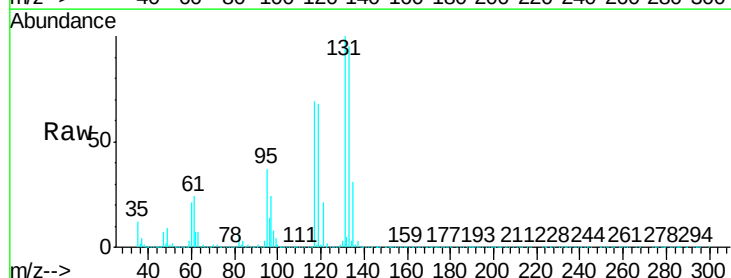
Tgt Ion:131 Resp: 400255

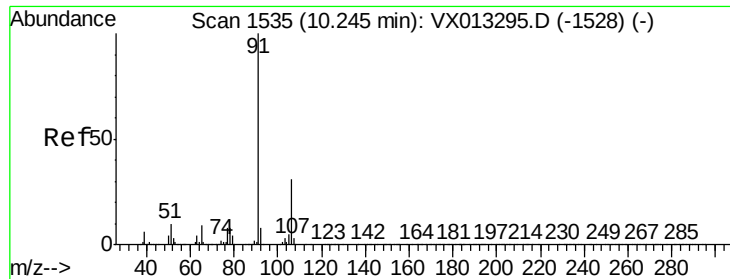
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

119 66.2 33.0 99.0





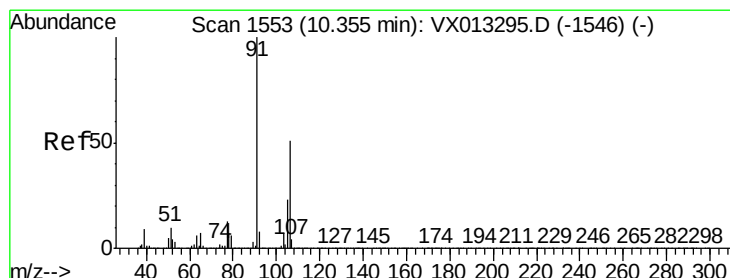
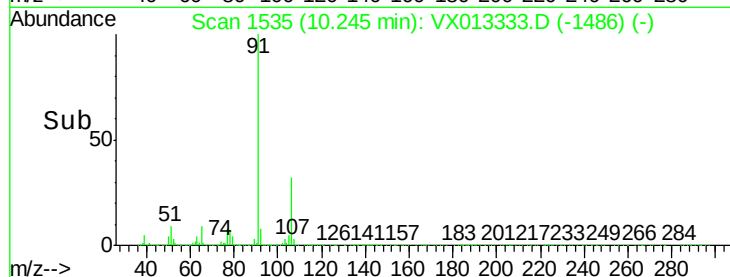
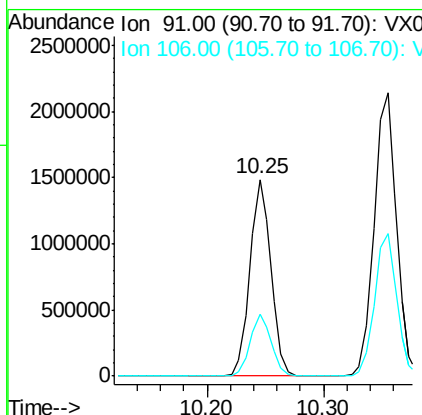
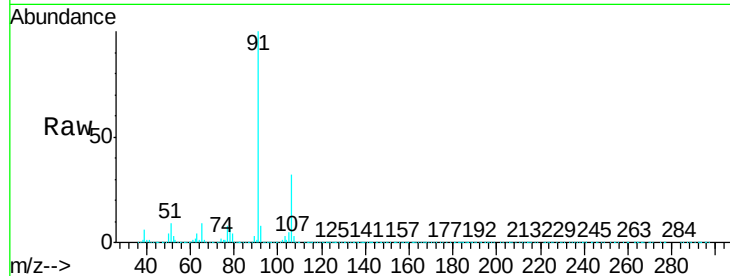
#67
Ethyl Benzene
Concen: 52.034 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1873022
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

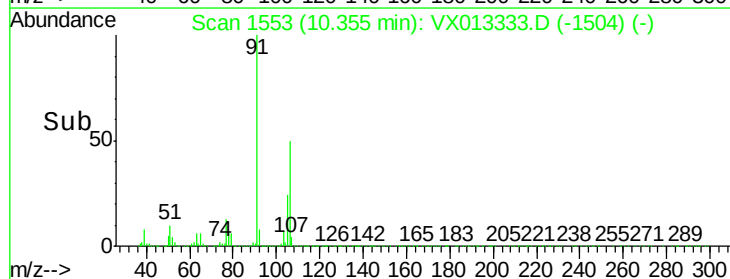
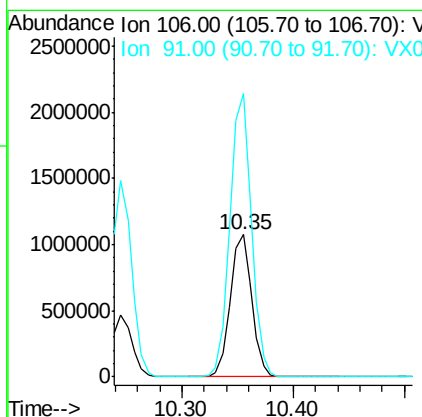
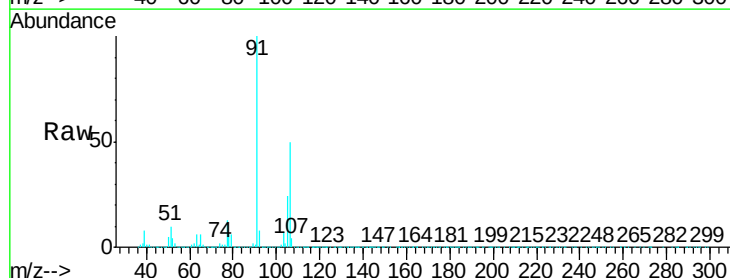
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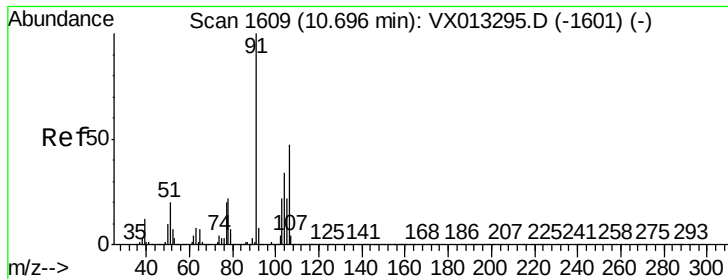
MMDadoda
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#68
m/p-Xylenes
Concen: 105.179 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 106 Resp: 1431851
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9





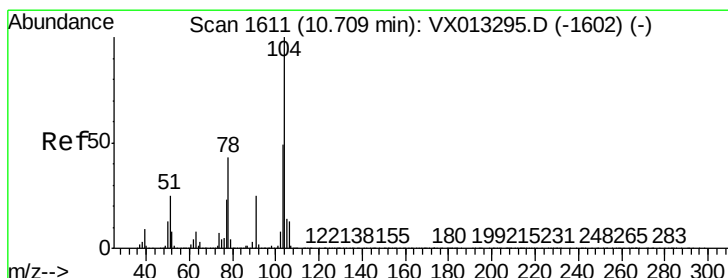
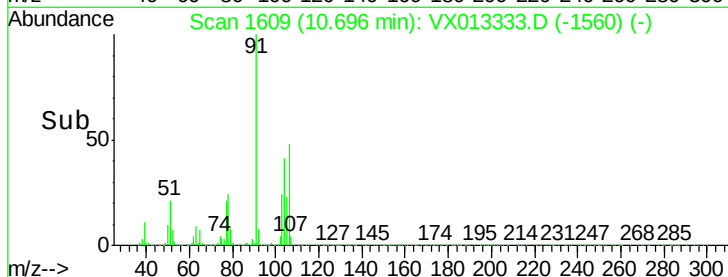
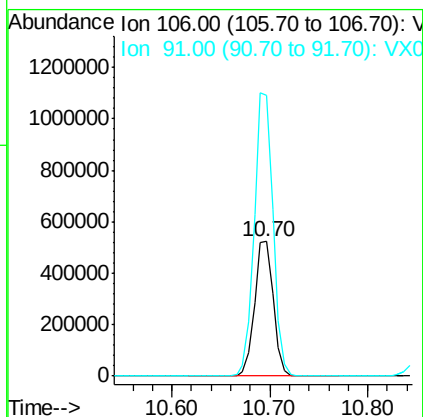
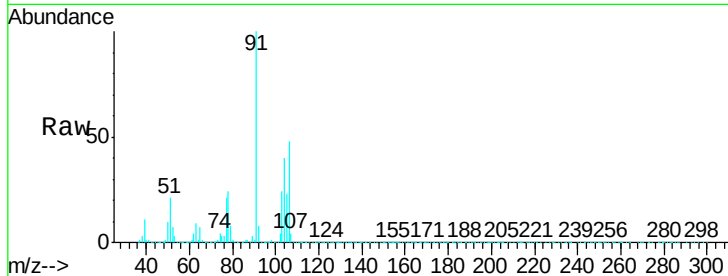
#69
o-Xylene
Concen: 52.277 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 696745
Ion Ratio Lower Upper
106 100
91 210.2 105.7 317.0

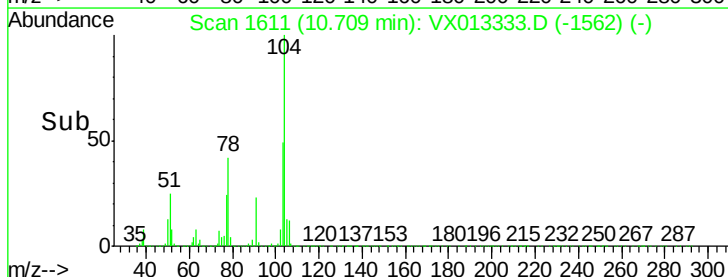
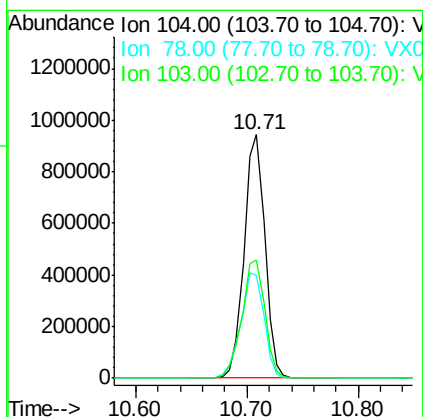
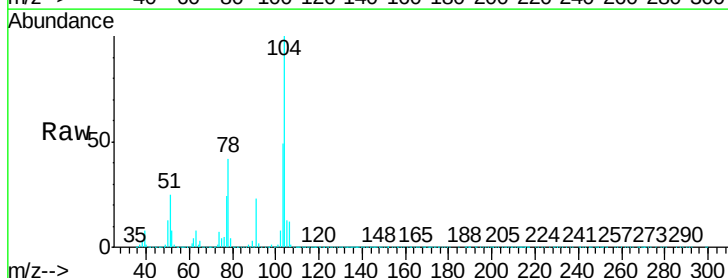
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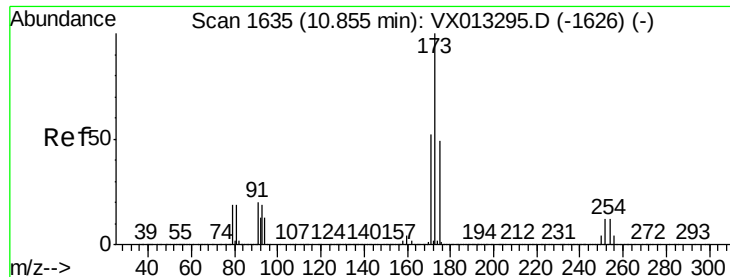
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#70
Styrene
Concen: 54.823 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion:104 Resp: 1221409
Ion Ratio Lower Upper
104 100
78 48.4 40.0 60.0
103 54.0 44.1 66.1





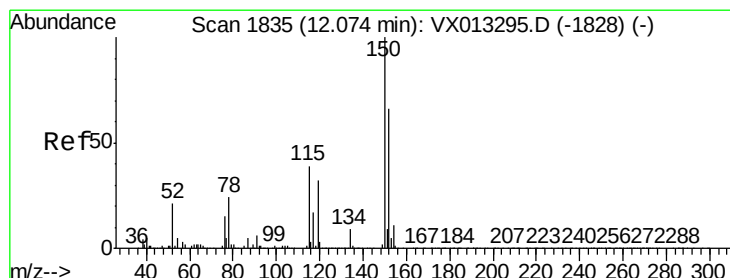
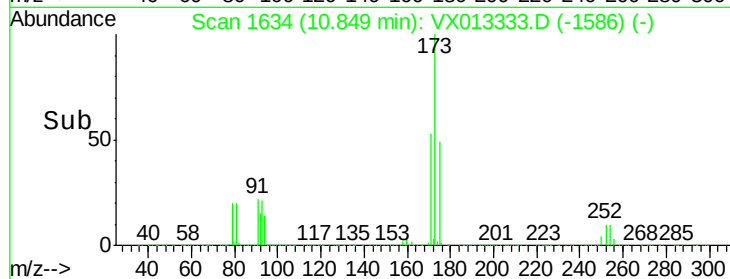
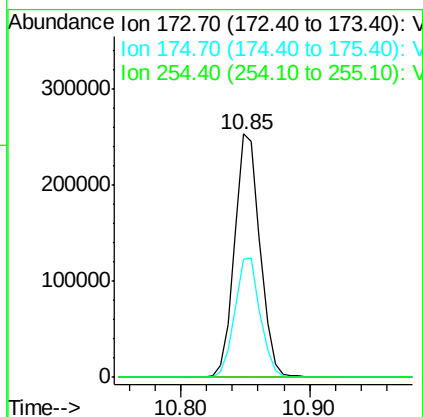
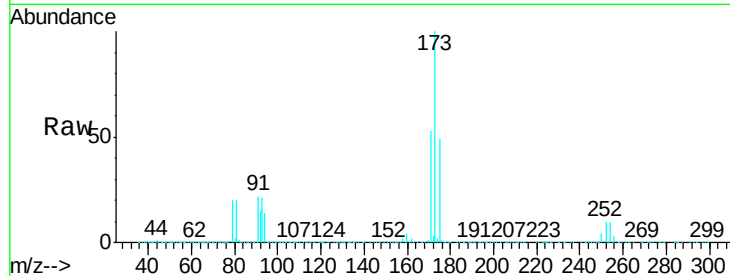
#71
Bromoform
Concen: 49.039 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.8	74.4
254	0.2	0.2	0.2

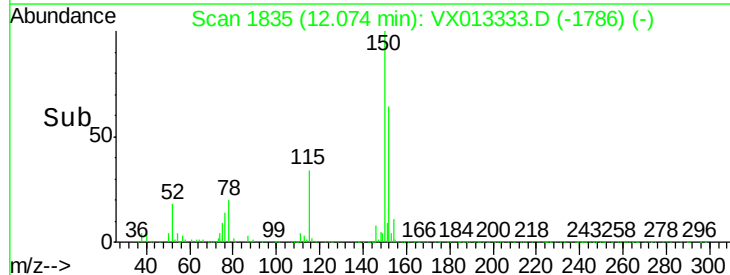
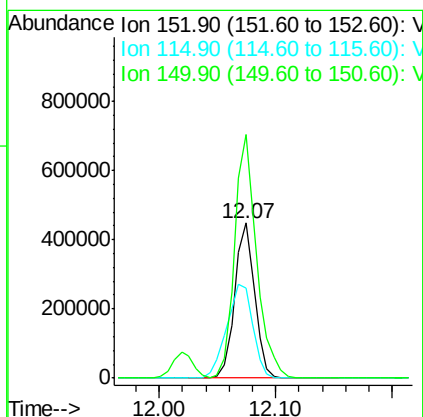
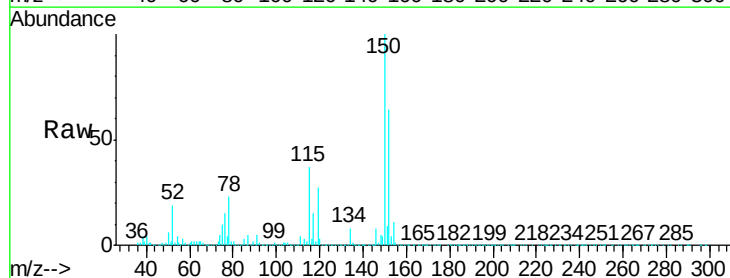
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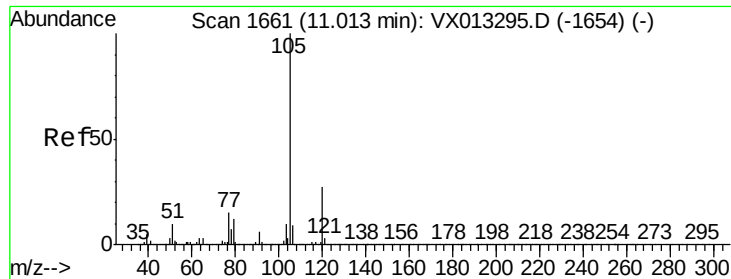
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.9	39.5	118.3
150	174.0	0.0	344.4





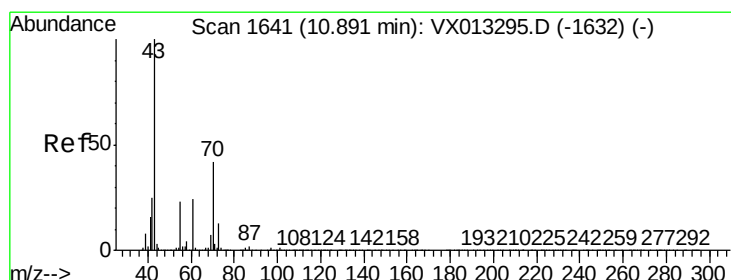
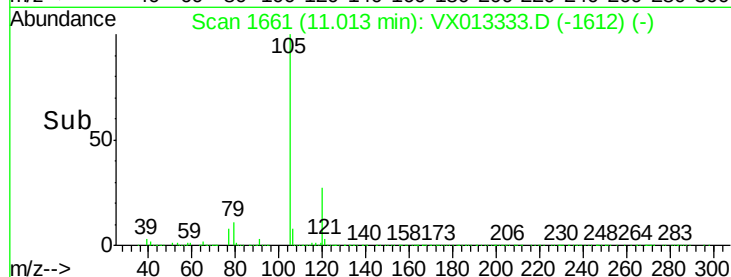
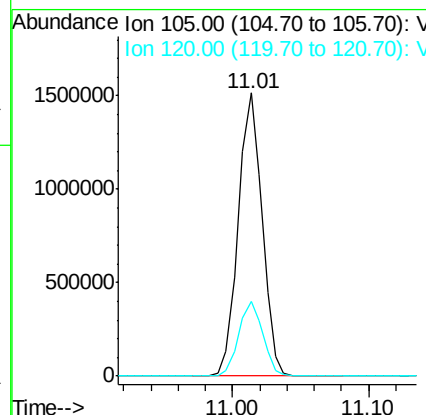
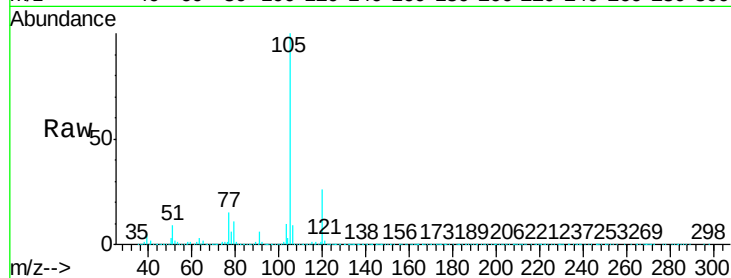
#73
Isopropylbenzene
Concen: 52.424 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1850630
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

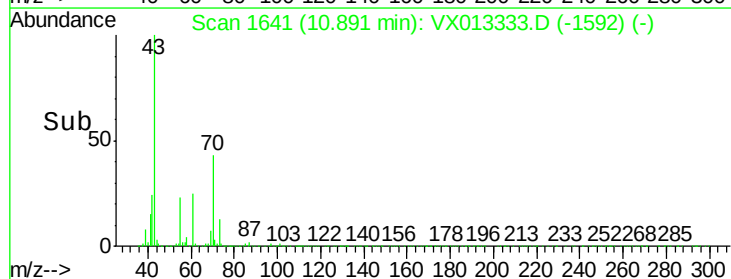
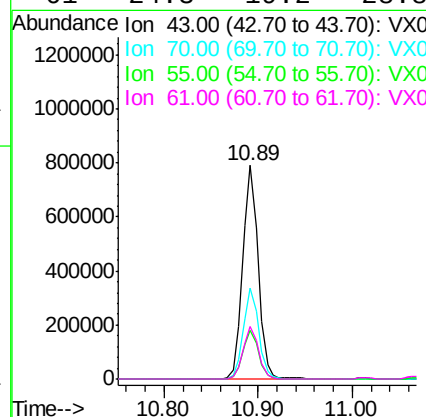
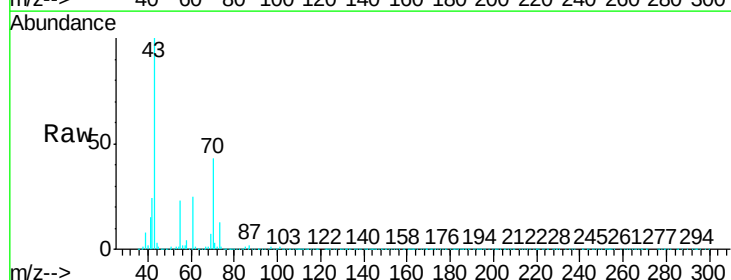
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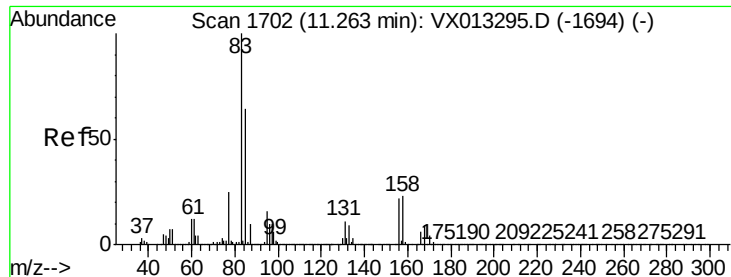
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#74
N-ethyl acetate
Concen: 55.021 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion: 43 Resp: 900686
Ion Ratio Lower Upper
43 100
70 42.3 34.1 51.1
55 23.4 18.9 28.3
61 24.3 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.909 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

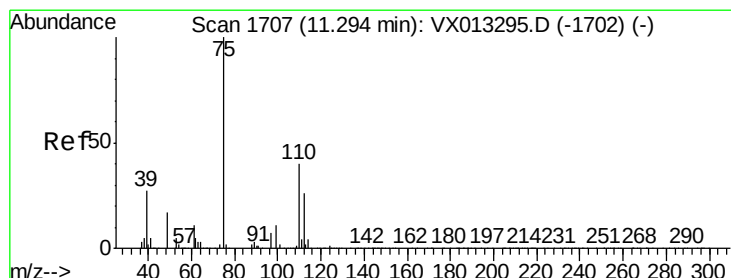
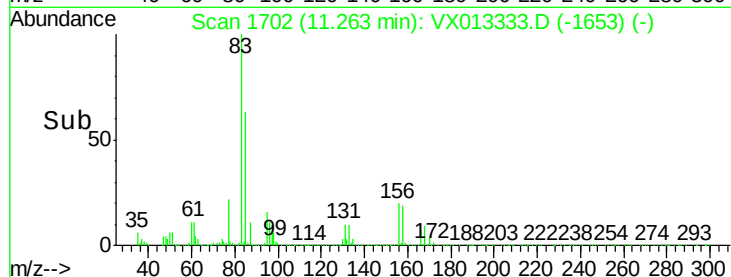
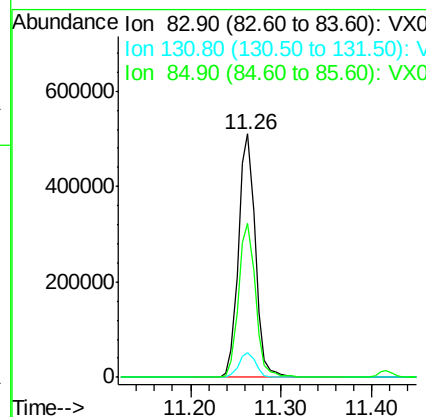
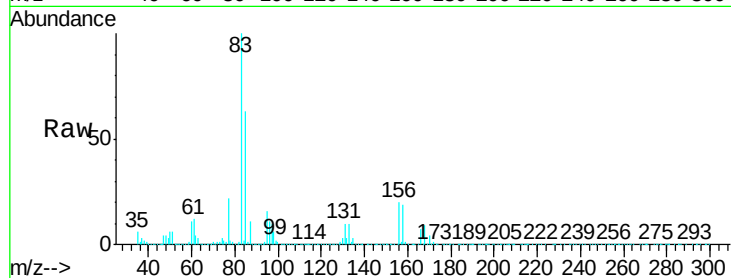
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	655624
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.9	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.019 ug/l m

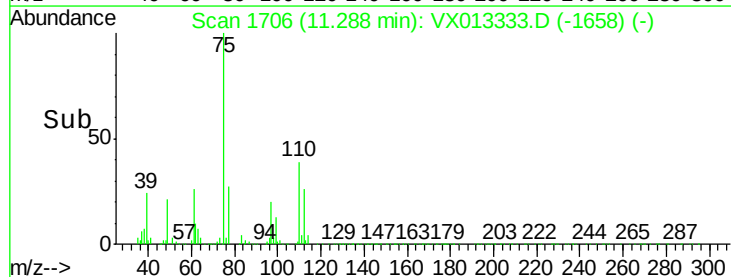
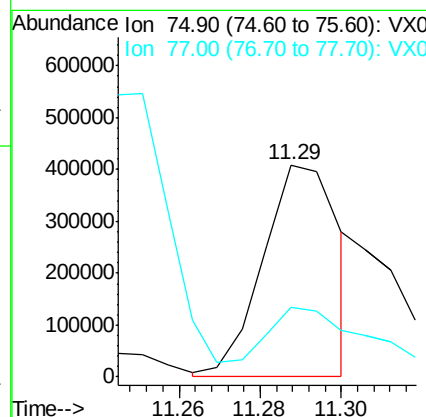
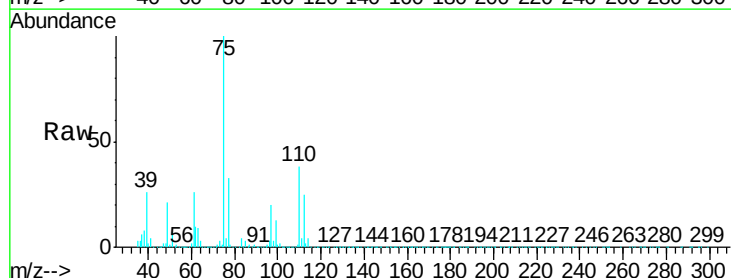
RT: 11.29 min Scan# 1706

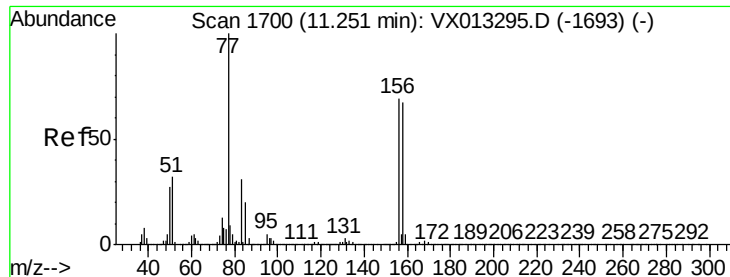
Delta R.T. -0.01 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	75	Resp:	530113
Ion Ratio	Lower	Upper	
75	100		
77	46.3	22.3	66.8





#77

Bromobenzene

Concen: 52.514 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

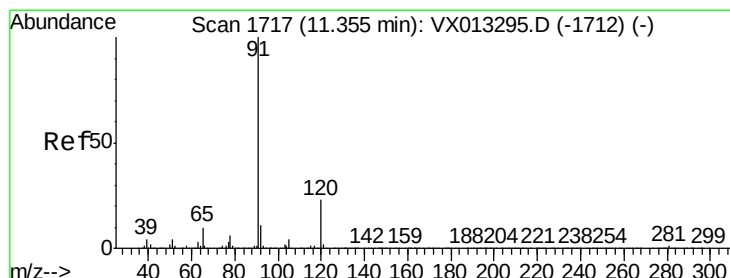
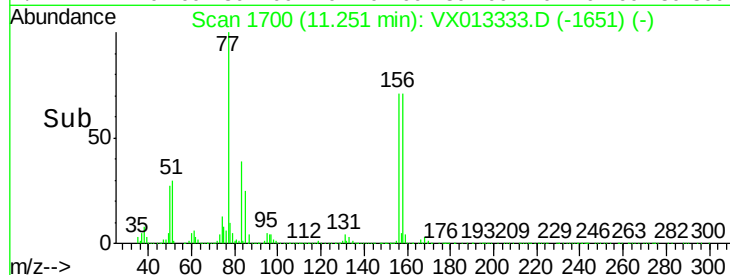
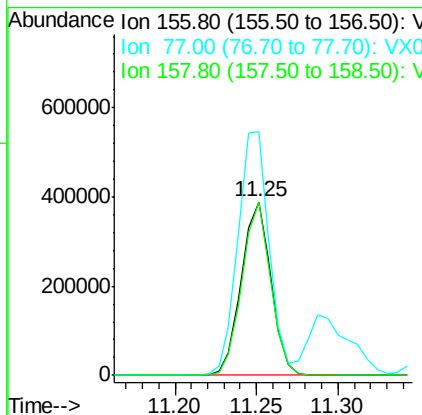
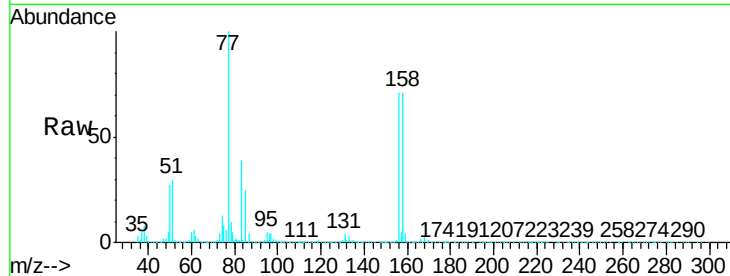
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	494200
Ion Ratio	Lower	Upper	
156	100		
77	147.5	75.8	227.4
158	96.6	47.6	142.8

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#78

n-propylbenzene

Concen: 54.165 ug/l

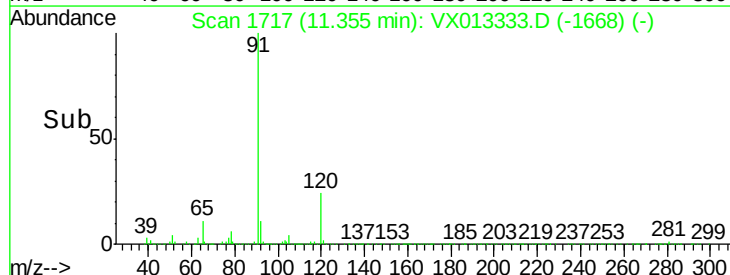
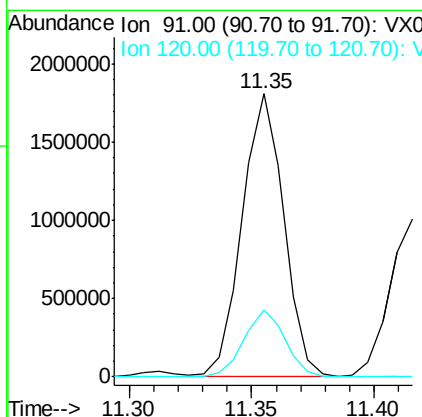
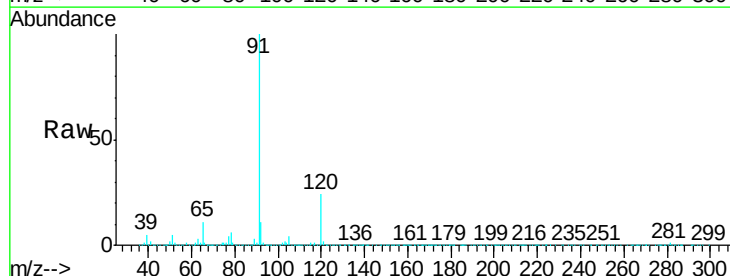
RT: 11.35 min Scan# 1717

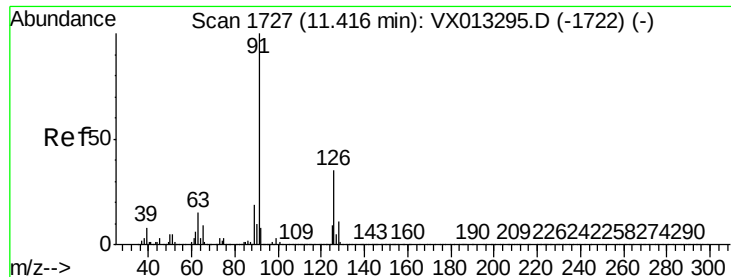
Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion:	91	Resp:	2129945
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.8





#79

2-Chlorotoluene

Concen: 52.264 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1238250

Ion Ratio Lower Upper

91 100

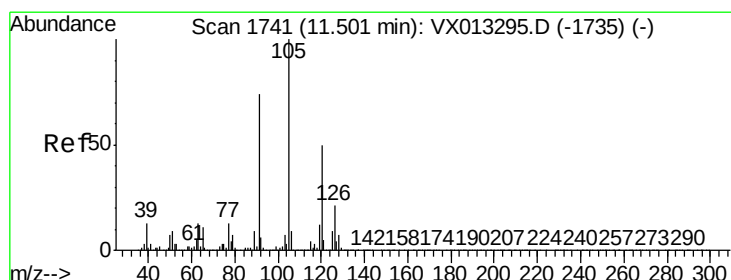
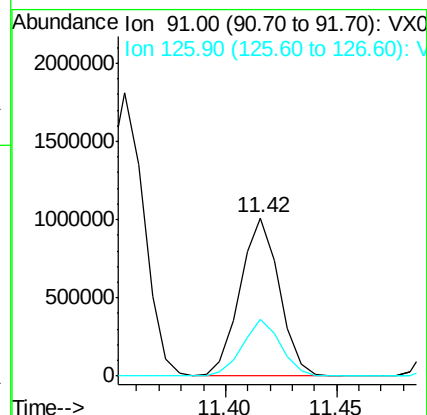
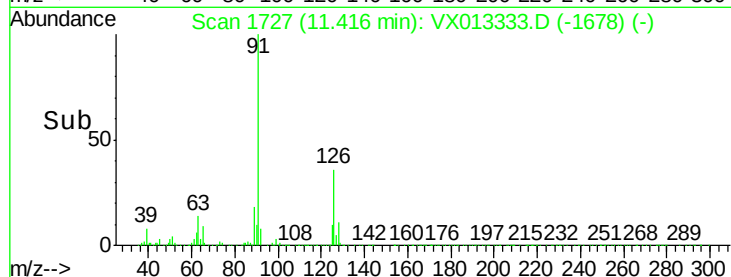
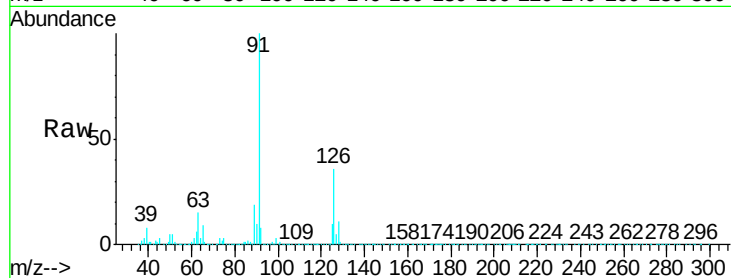
126 34.9 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013333.D

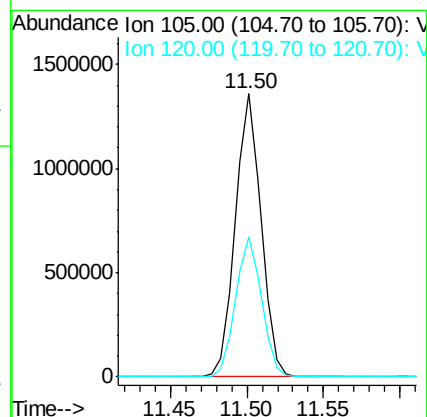
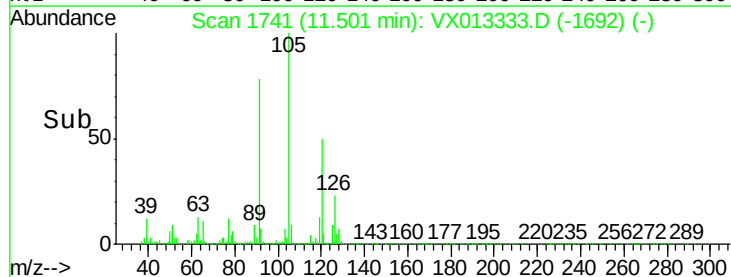
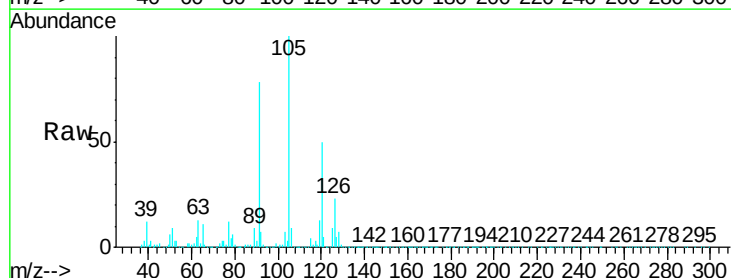
Acq: 06 Nov 2019 10:15

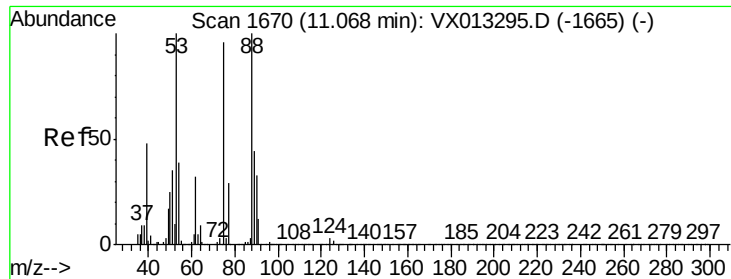
Tgt Ion: 105 Resp: 1582008

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.487 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Instrument :

MSVOA_X

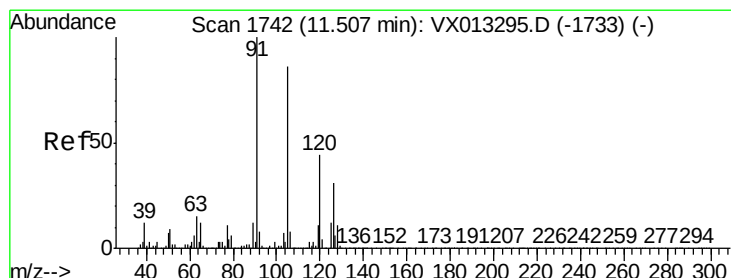
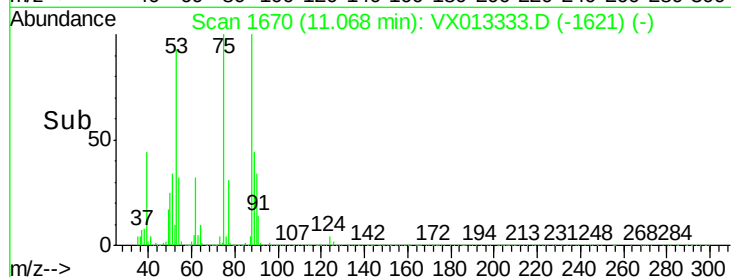
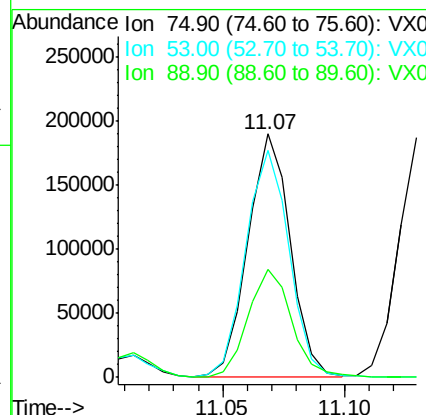
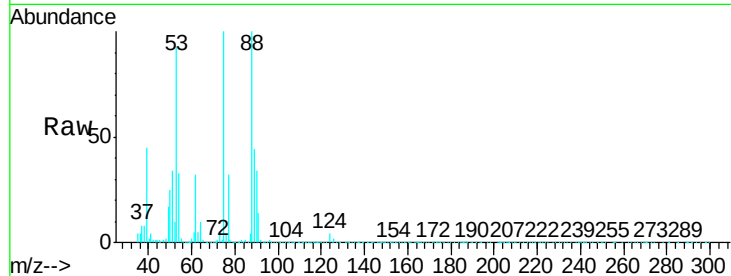
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.0	81.0	121.6
89	46.2	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.059 ug/l

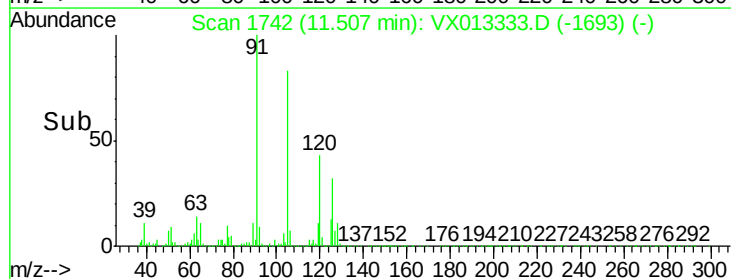
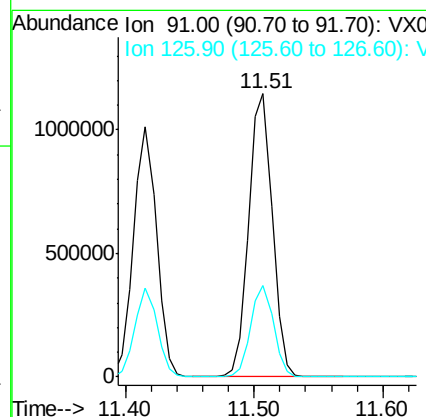
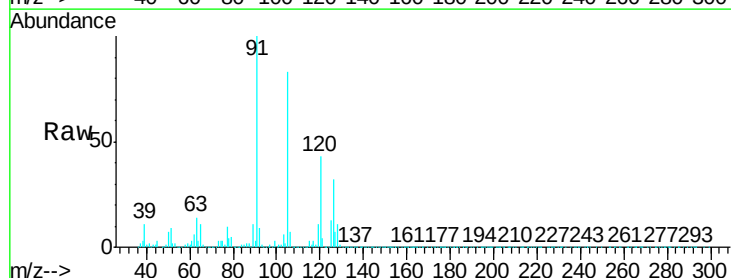
RT: 11.51 min Scan# 1742

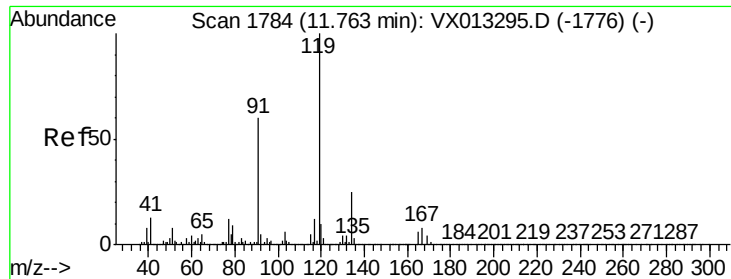
Delta R.T. 0.00 min

Lab File: VX013333.D

Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.3	45.8





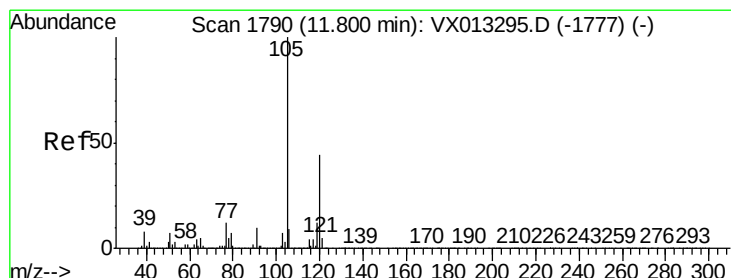
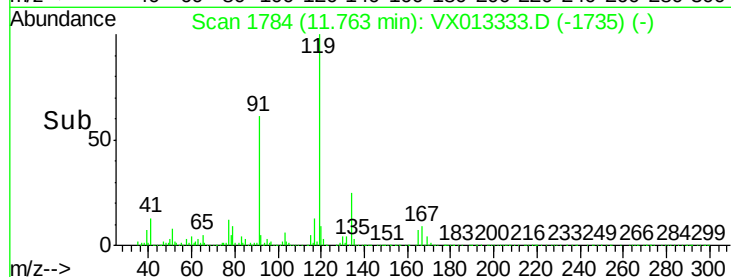
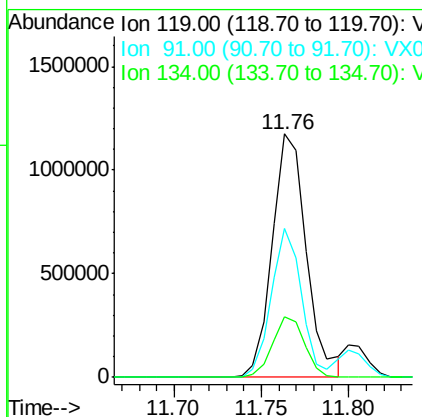
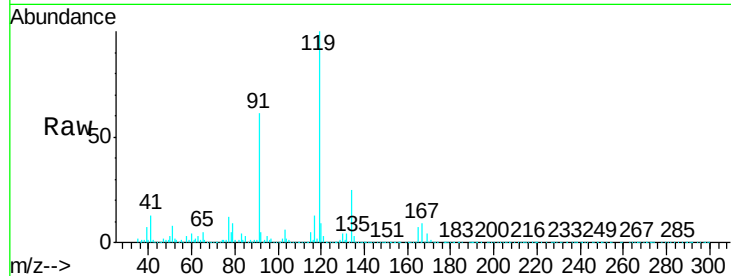
#83
tert-Butylbenzene
Concen: 53.901 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.4	26.9	80.7
134	23.4	11.7	35.1

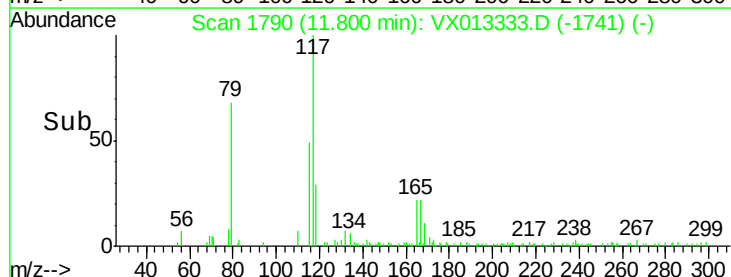
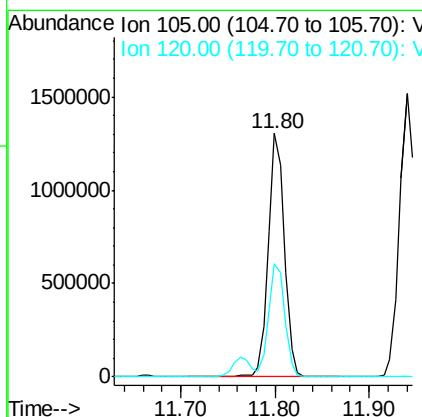
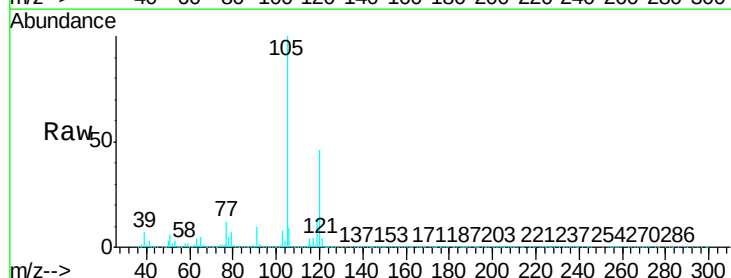
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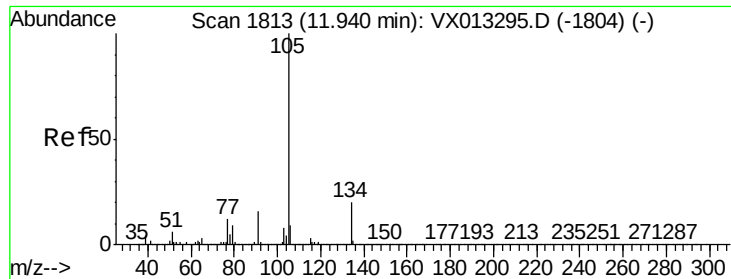
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#84
1,2,4-Trimethylbenzene
Concen: 53.495 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.7	68.1





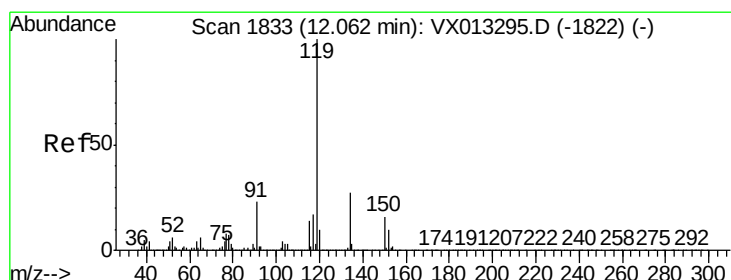
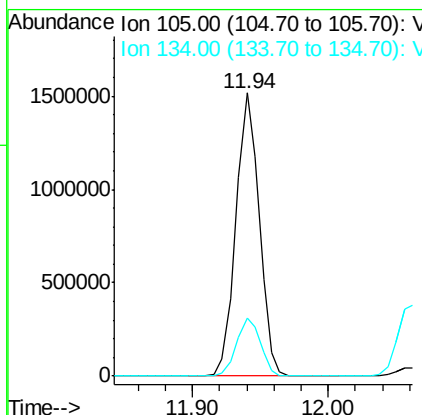
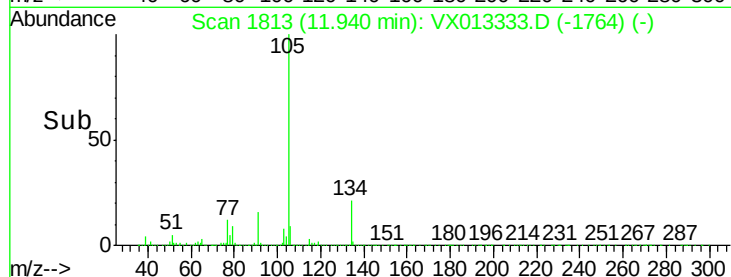
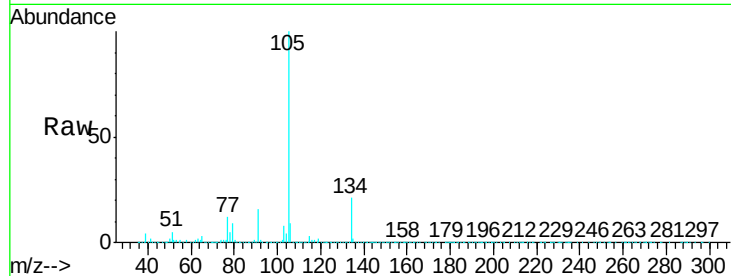
#85
 sec-Butylbenzene
 Concen: 53.115 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1806863
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

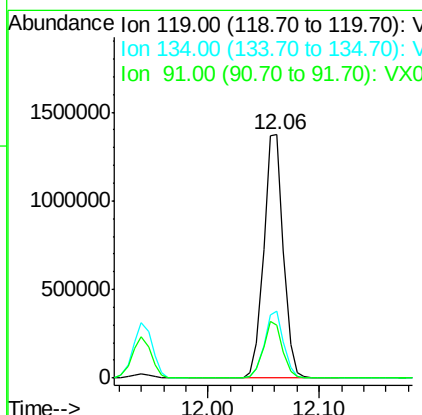
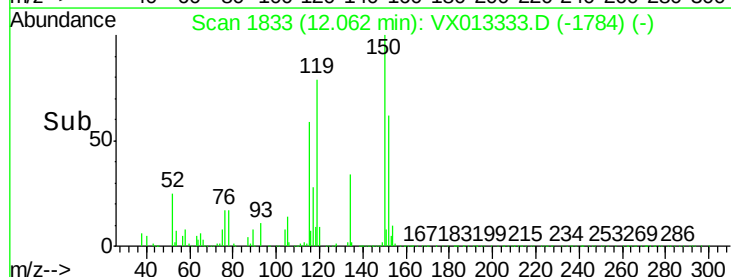
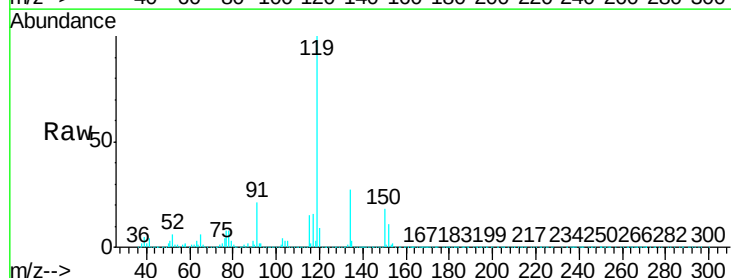
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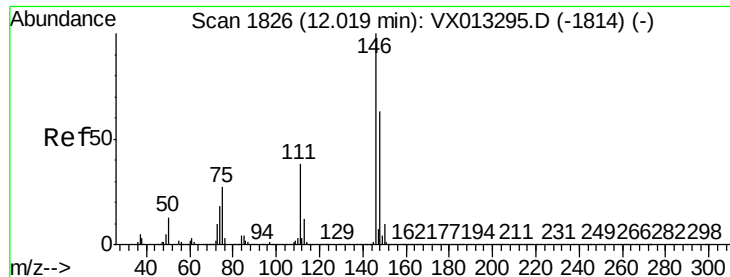
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 11/7/2019 9:17:02 AM



#86
 p-Isopropyltoluene
 Concen: 54.301 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion:119 Resp: 1700967
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.5 11.5 34.4





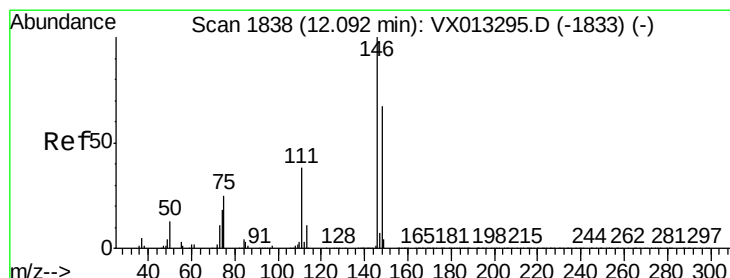
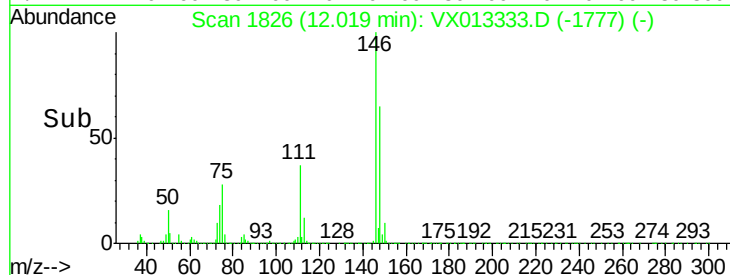
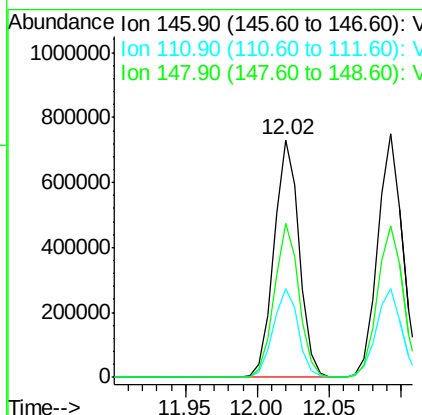
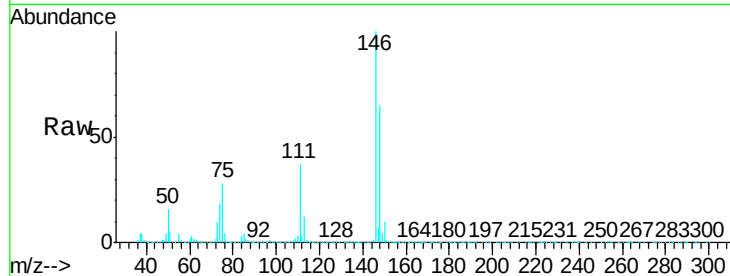
#87
 1,3-Dichlorobenzene
 Concen: 52.901 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.5
148	63.6	31.9	95.7

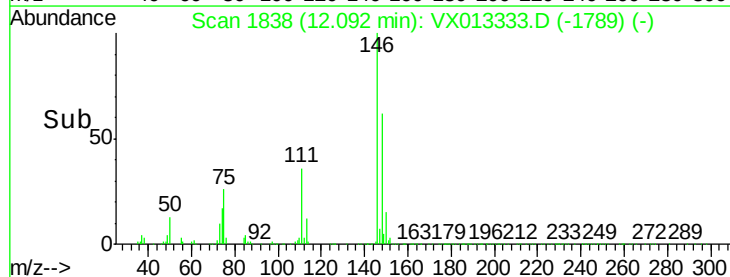
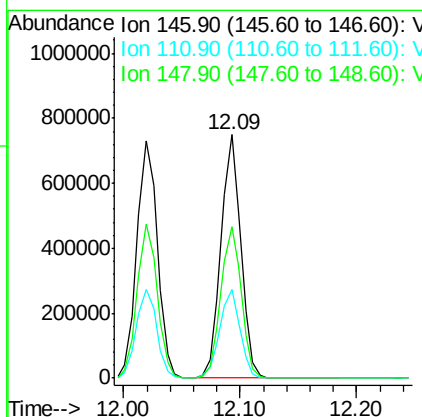
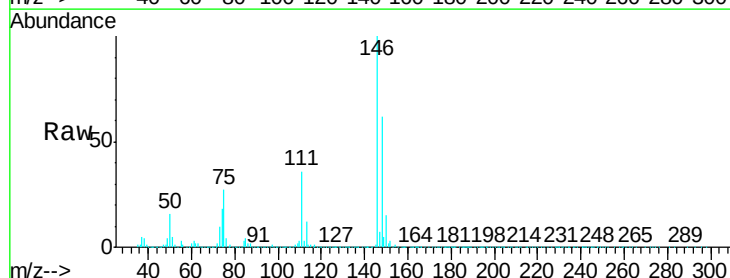
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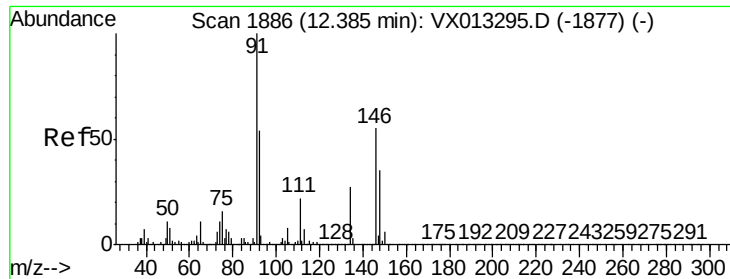
MMDadoda
 11/7/2019 9:17:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.393 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	63.9	32.4	97.0





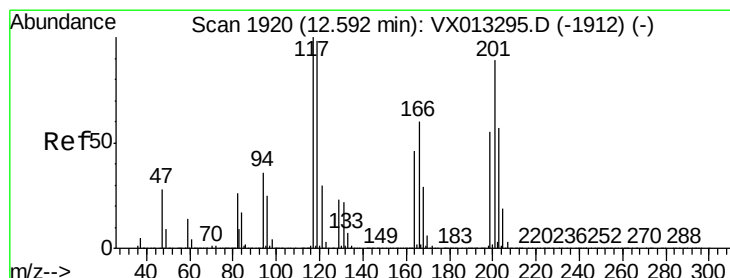
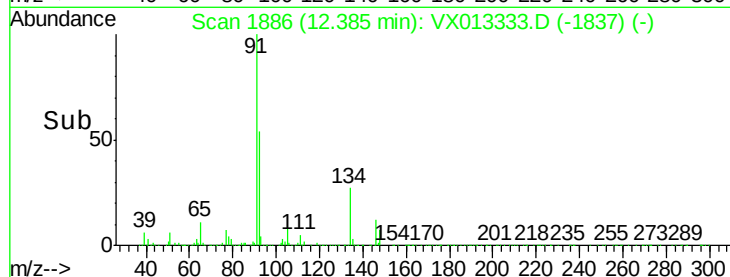
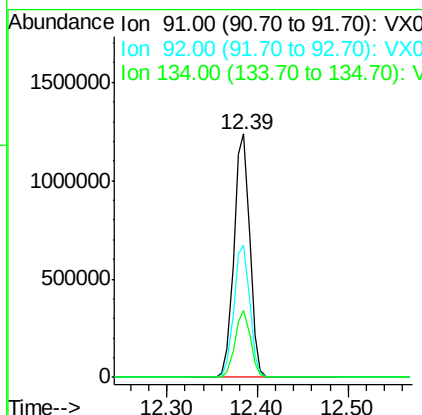
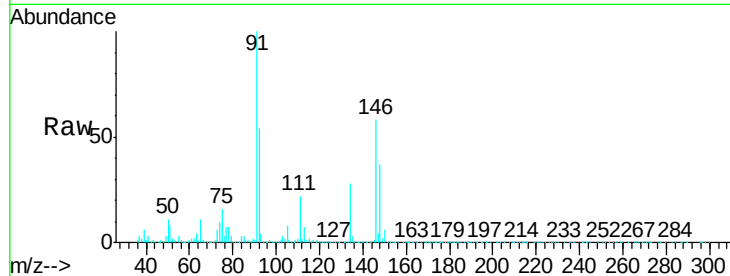
#89
n-Butylbenzene
Concen: 54.603 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.8
134	27.1	13.5	40.5

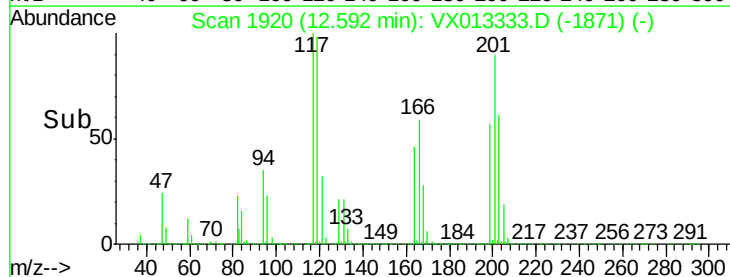
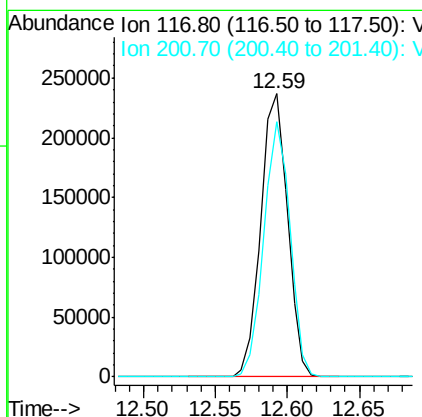
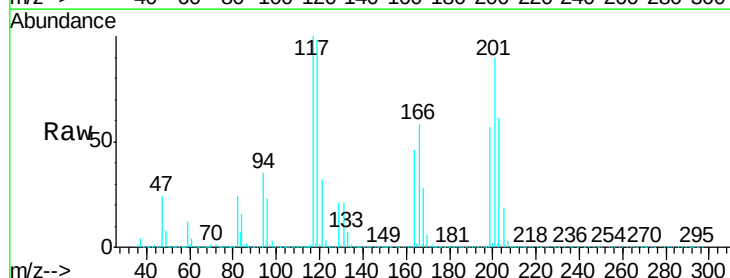
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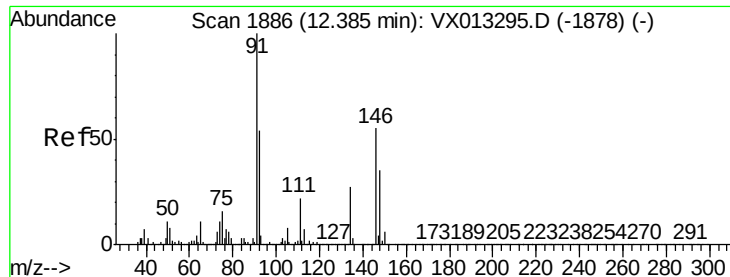
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#90
Hexachloroethane
Concen: 54.468 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	43.9	131.7





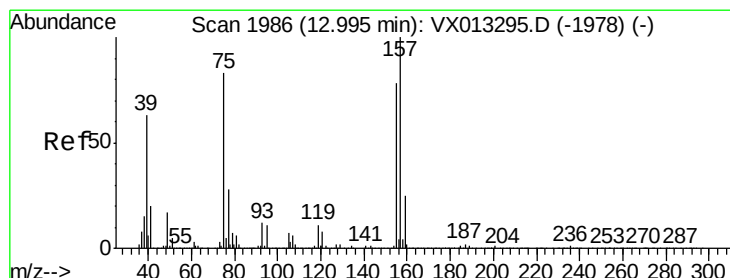
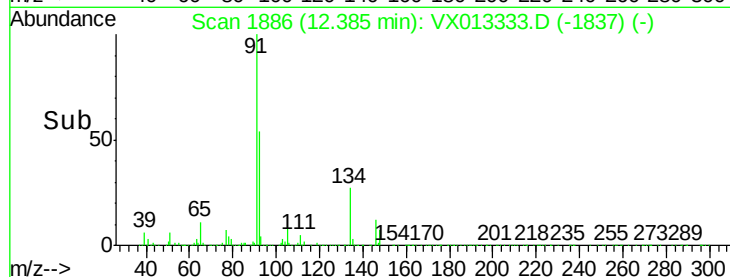
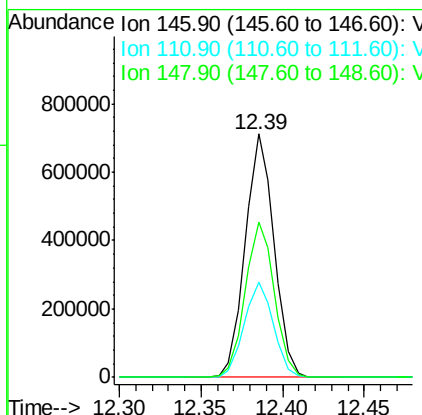
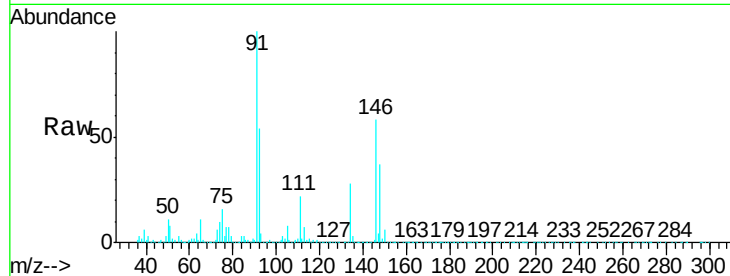
#91
 1,2-Dichlorobenzene
 Concen: 52.359 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	877969		
111	39.6	20.1	60.2	
148	64.3	32.0	96.0	

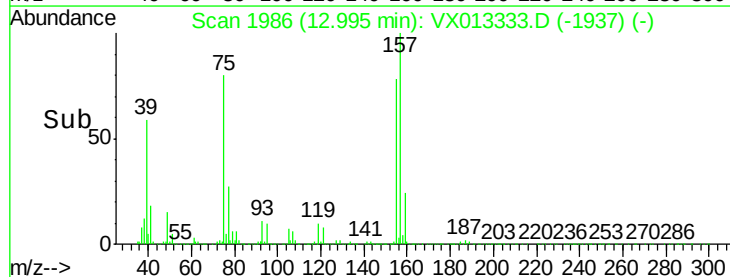
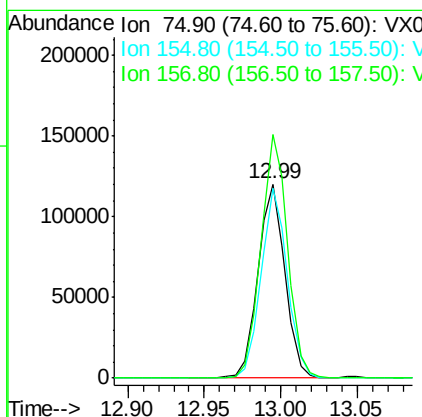
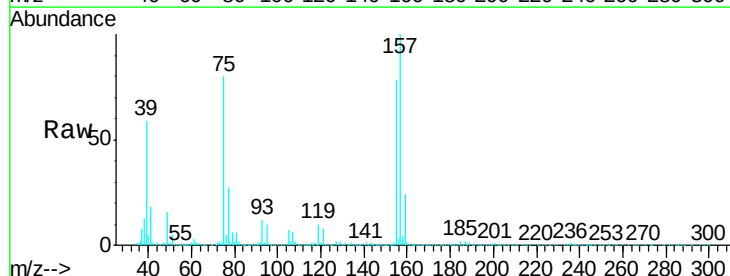
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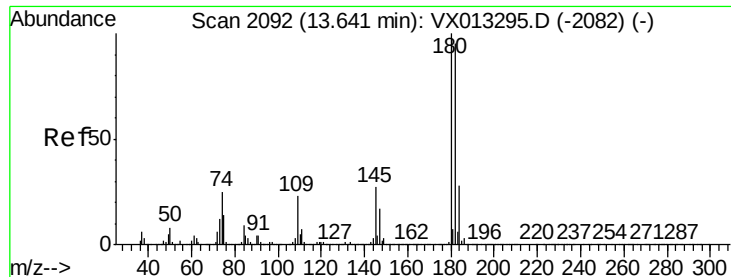
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 11/7/2019 9:17:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.699 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013333.D
 Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146521		
155	96.5	47.1	141.4	
157	125.4	61.3	183.8	





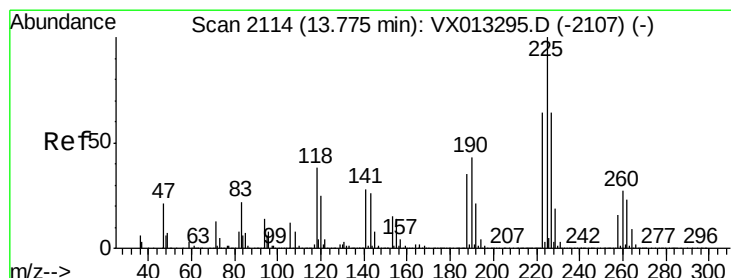
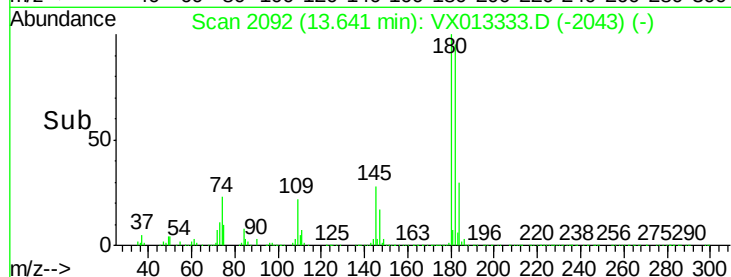
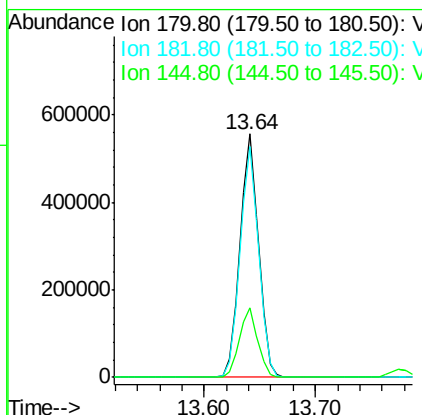
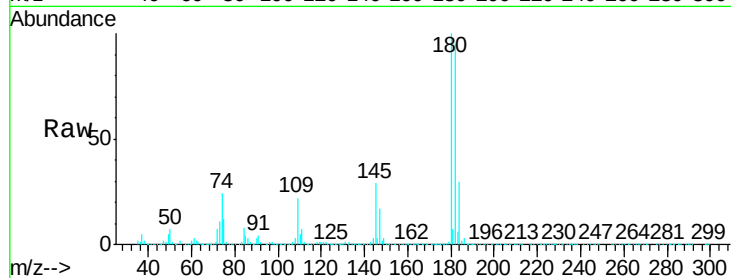
#93
1,2,4-Trichlorobenzene
Concen: 54.935 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	48.4	145.0
145	28.4	14.1	42.4

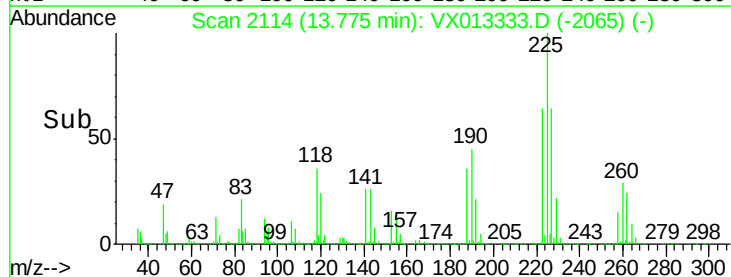
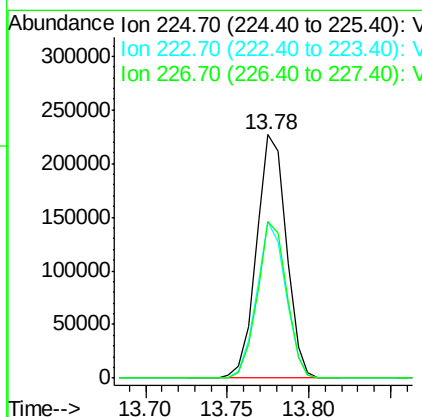
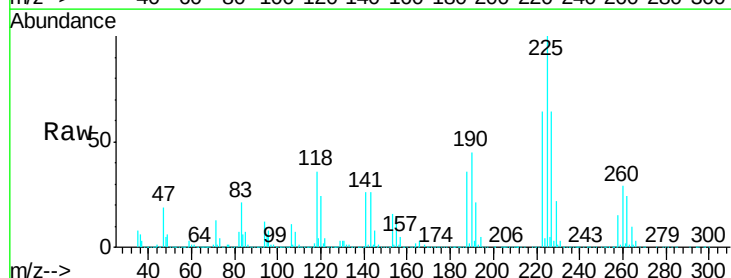
Manual Integrations
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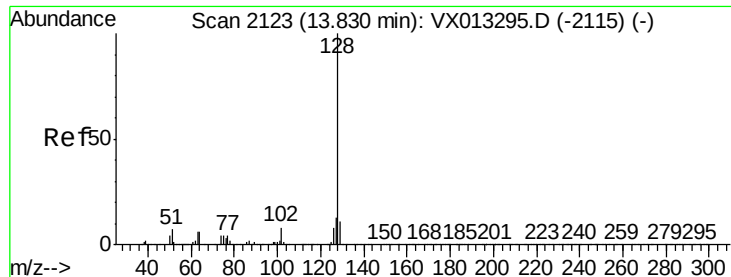
MMDadoda
11/7/2019 9:17:02 AM



#94
Hexachlorobutadiene
Concen: 50.485 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	31.9	95.7
227	63.0	31.9	95.9





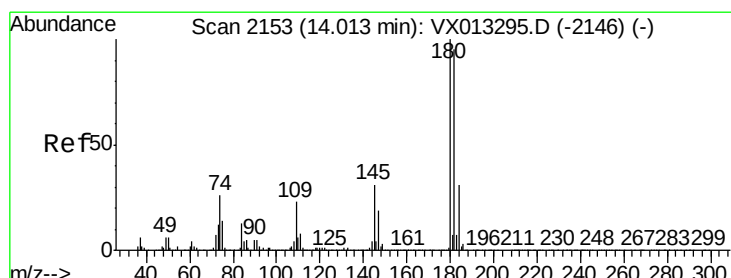
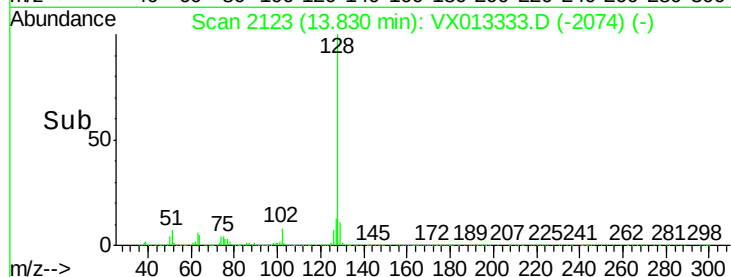
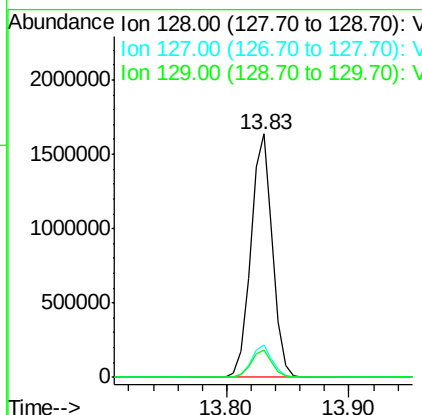
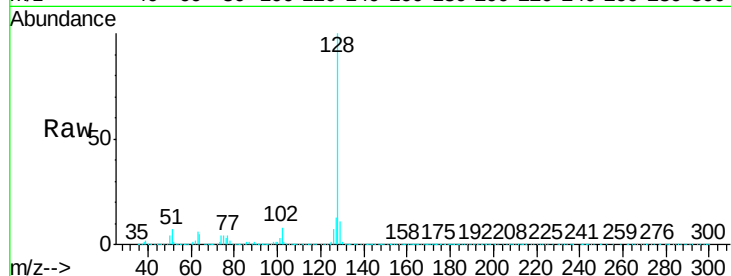
#95
Naphthalene
Concen: 54.635 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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
11/7/2019 9:17:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.025 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013333.D
Acq: 06 Nov 2019 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.0	144.2
145	30.0	15.4	46.4

