

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013434.D
 Acq On : 15 Nov 2019 10:07
 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
 11/18/2019 10:24:07 AM

Quant Time: Nov 15 23:10:22 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	697558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1051938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	951024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	481591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	398476	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	336536	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	1290047	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	463796	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	374665	46.616	ug/l	98
3) Chloromethane	1.32	50	403559	46.301	ug/l	99
4) Vinyl Chloride	1.40	62	473936	47.763	ug/l	100
5) Bromomethane	1.63	94	284395	41.128	ug/l	99
6) Chloroethane	1.71	64	260776	45.876	ug/l	99
7) Trichlorofluoromethane	1.92	101	520338	44.385	ug/l	98
8) Diethyl Ether	2.18	74	236883	45.694	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	331084	50.671	ug/l	98
10) Methyl Iodide	2.50	142	412703	51.016	ug/l	98
11) Tert butyl alcohol	3.03	59	423998	194.660	ug/l	100
12) 1,1-Dichloroethene	2.36	96	315622	49.327	ug/l	99
13) Acrolein	2.28	56	306681	259.790	ug/l	99
14) Allyl chloride	2.72	41	589882	50.738	ug/l	96
15) Acrylonitrile	3.12	53	1015798	249.663	ug/l	98
16) Acetone	2.43	43	981418	238.094	ug/l	99
17) Carbon Disulfide	2.56	76	813037	47.473	ug/l	100
18) Methyl Acetate	2.76	43	578718	50.855	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1092587	51.196	ug/l	98
20) Methylene Chloride	2.84	84	364808	47.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	343781	49.345	ug/l	99
22) Diisopropyl ether	3.84	45	1178100	52.488	ug/l	92
23) Vinyl Acetate	3.80	43	4880269	254.097	ug/l	100
24) 1,1-Dichloroethane	3.68	63	630793	50.238	ug/l	99
25) 2-Butanone	4.65	43	1472909	243.577	ug/l	99
26) 2,2-Dichloropropane	4.57	77	524578	52.517	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	400697	51.343	ug/l	100
28) Bromochloromethane	5.00	49	198291	55.620	ug/l	100
29) Tetrahydrofuran	5.11	42	906169	243.175	ug/l	100
30) Chloroform	5.20	83	623646	50.301	ug/l	99
31) Cyclohexane	5.56	56	557600	49.353	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	524822	49.187	ug/l	99
36) 1,1-Dichloropropene	5.79	75	467100	51.760	ug/l	99
37) Ethyl Acetate	4.81	43	545912	48.956	ug/l	99
38) Carbon Tetrachloride	5.77	117	452907	51.323	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	585031	52.028	ug/l	99
40) Benzene	6.13	78	1426534	50.747	ug/l	99
41) Methacrylonitrile	5.02	41	304101	48.655	ug/l	97
42) 1,2-Dichloroethane	6.18	62	496163	48.933	ug/l	98
43) Isopropyl Acetate	6.43	43	882935	50.848	ug/l	99
44) Trichloroethene	7.20	130	388254	50.176	ug/l	96
45) 1,2-Dichloropropane	7.50	63	374172	52.241	ug/l	97
46) Dibromomethane	7.65	93	241996	49.485	ug/l	98
47) Bromodichloromethane	7.89	83	489216	53.051	ug/l	97
48) Methyl methacrylate	7.76	41	446145	51.472	ug/l	97
49) 1,4-Dioxane	7.73	88	175277	882.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2823072	247.803	ug/l	99
52) Toluene	8.78	92	900173	51.667	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	550751	54.617	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	607804	53.884	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	369696	51.194	ug/l	98
56) Ethyl methacrylate	9.17	69	604157	49.035	ug/l	97
57) 1,3-Dichloropropane	9.37	76	626808	51.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1468188	297.341	ug/l	100
59) 2-Hexanone	9.48	43	2196708	249.519	ug/l	99
60) Dibromochloromethane	9.57	129	398085	53.900	ug/l	100
61) 1,2-Dibromoethane	9.67	107	390051	50.865	ug/l	100
64) Tetrachloroethene	9.33	164	343502	50.455	ug/l	98
65) Chlorobenzene	10.14	112	978502	50.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	366844	51.891	ug/l	100
67) Ethyl Benzene	10.25	91	1740005	52.362	ug/l	100
68) m/p-Xylenes	10.35	106	1336452	106.343	ug/l	99
69) o-Xylene	10.70	106	642281	52.202	ug/l	100
70) Styrene	10.71	104	1114422	54.184	ug/l	99
71) Bromoform	10.85	173	312125	47.770	ug/l	98
73) Isopropylbenzene	11.01	105	1727259	54.095	ug/l	100
74) N-amyl acetate	10.89	43	796410	53.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	600766	51.574	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	559899m	57.239	ug/l	
77) Bromobenzene	11.25	156	447431	52.564	ug/l	99
78) n-propylbenzene	11.35	91	1982079	55.726	ug/l	99
79) 2-Chlorotoluene	11.42	91	1151177	53.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1445996	54.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	201864	53.119	ug/l	97
82) 4-Chlorotoluene	11.51	91	1334538	53.199	ug/l	100
83) tert-Butylbenzene	11.76	119	1463004	54.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1463405	54.851	ug/l	98
85) sec-Butylbenzene	11.94	105	1710099	55.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	1599339	56.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	808464	53.283	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	809381	52.356	ug/l	100
89) n-Butylbenzene	12.39	91	1411246	57.082	ug/l	99
90) Hexachloroethane	12.59	117	283343	56.127	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	802113	52.885	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128334	45.220	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	576468	54.488	ug/l	100
94) Hexachlorobutadiene	13.78	225	287139	55.476	ug/l	98
95) Naphthalene	13.83	128	1751704	52.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	568657	53.596	ug/l	99

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

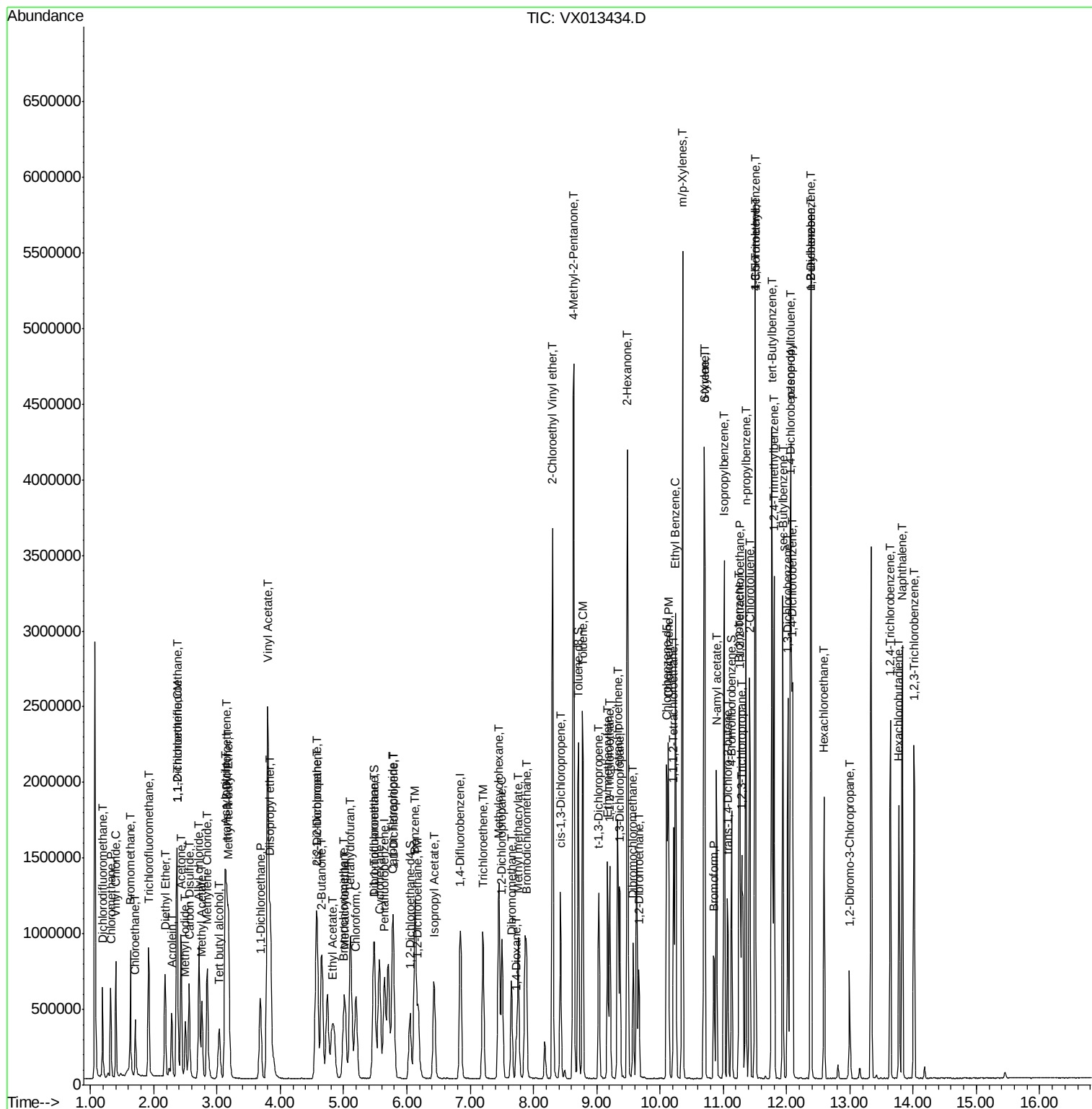
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 Acq On : 15 Nov 2019 10:07
 Operator : JC/SP
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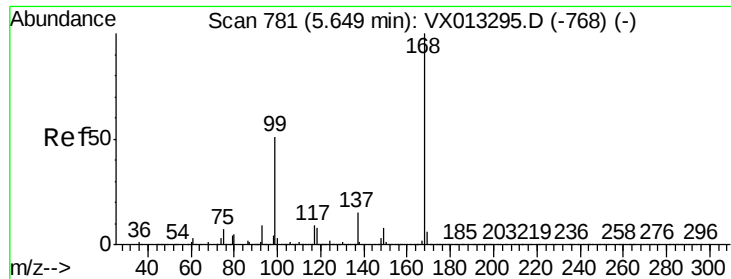
Instrument :
 MSVOA_X
 ClientSampleID :
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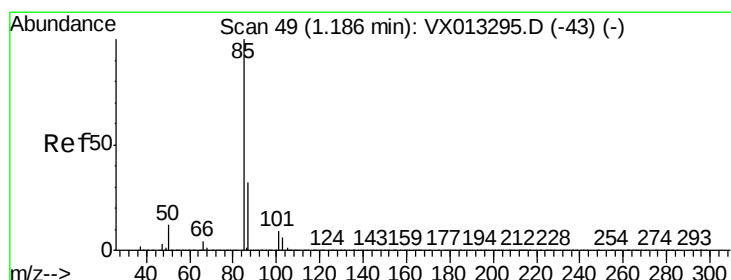
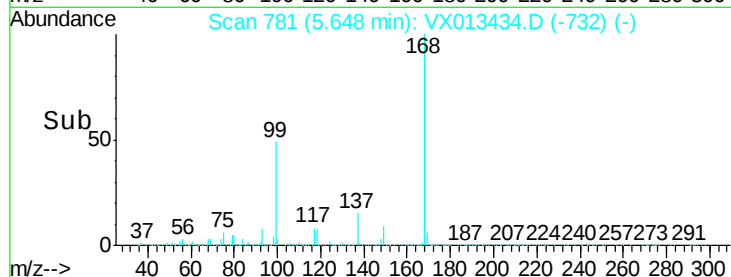
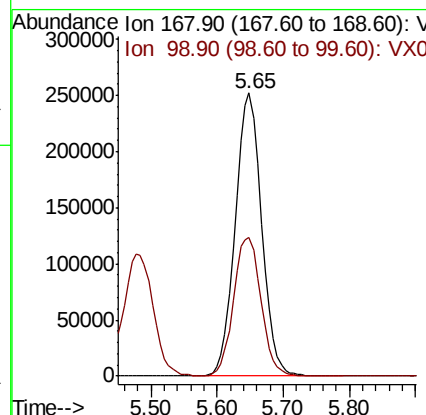
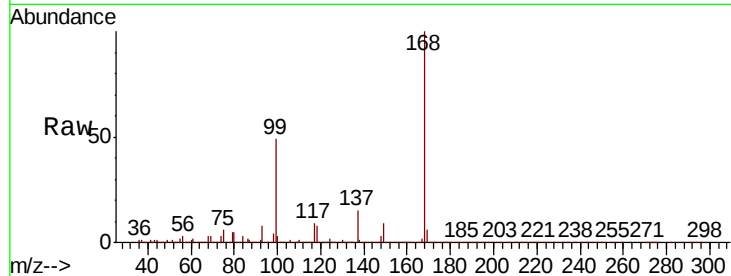
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.7	40.8	61.2

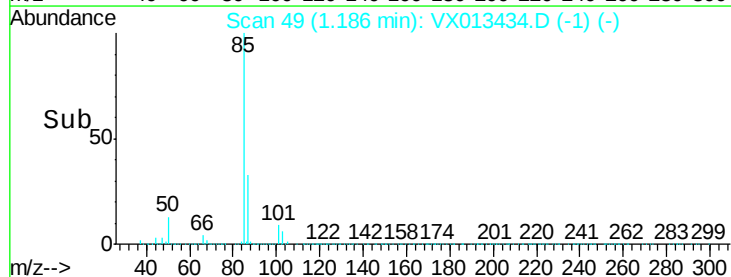
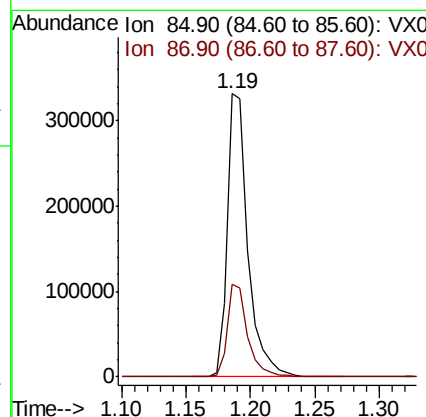
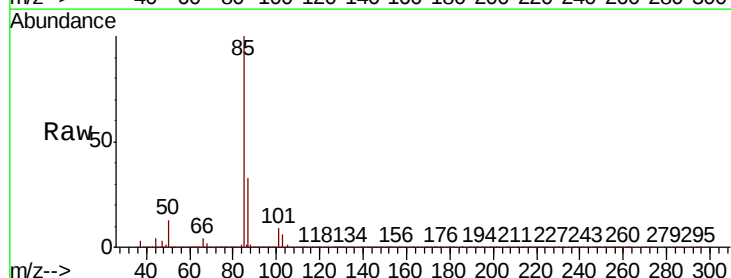
Manual Integrations
APPROVED

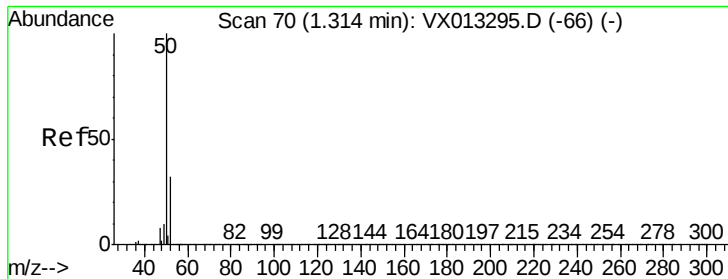
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#2
Dichlorodifluoromethane
Concen: 46.616 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.9	47.6





#3

Chloromethane

Concen: 46.301 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 403559

Ion Ratio Lower Upper

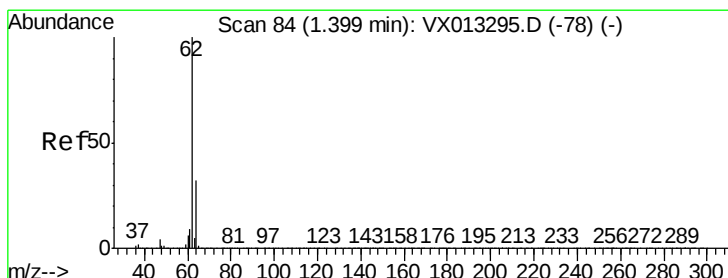
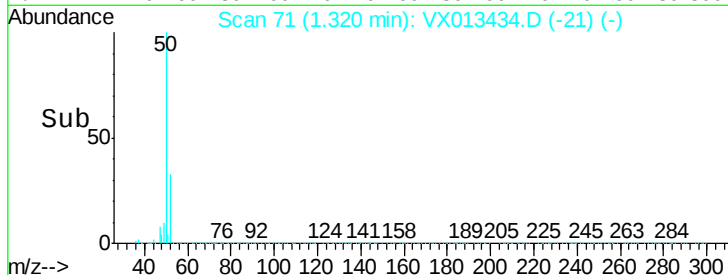
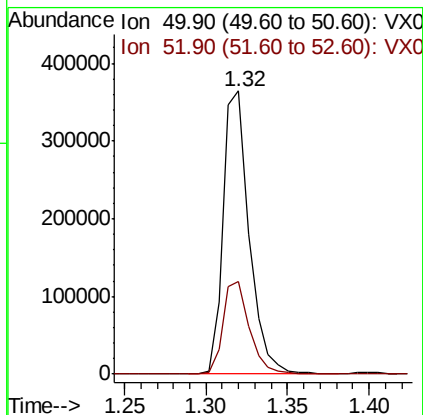
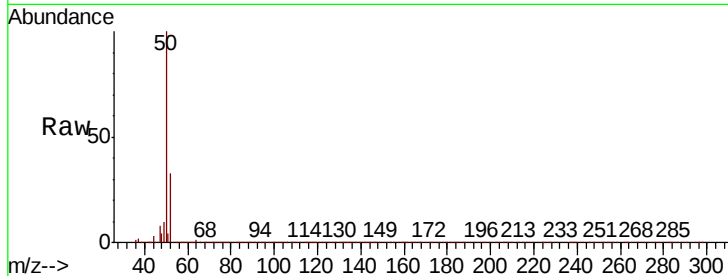
50 100

52 32.6 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.763 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013434.D

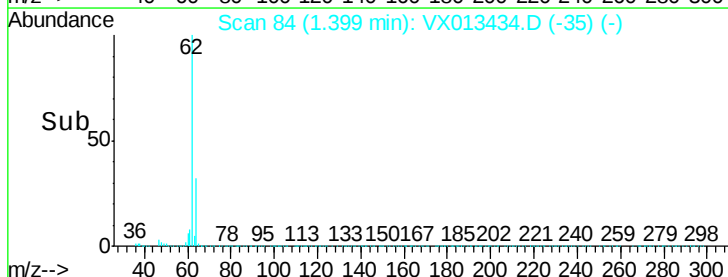
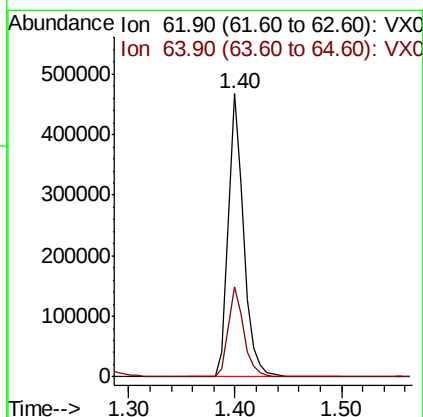
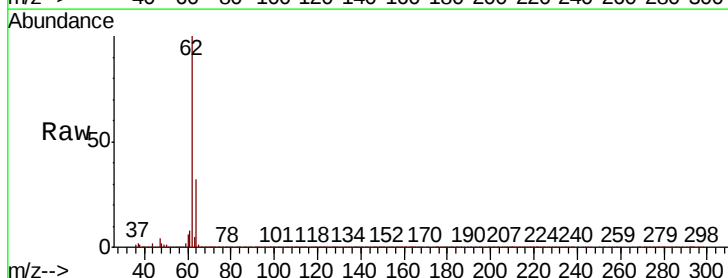
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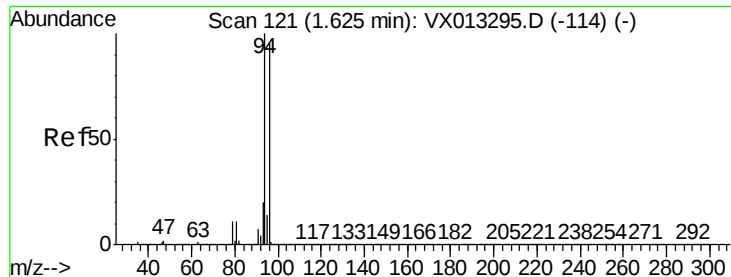
Tgt Ion: 62 Resp: 473936

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 41.128 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 284395

Ion Ratio Lower Upper

94 100

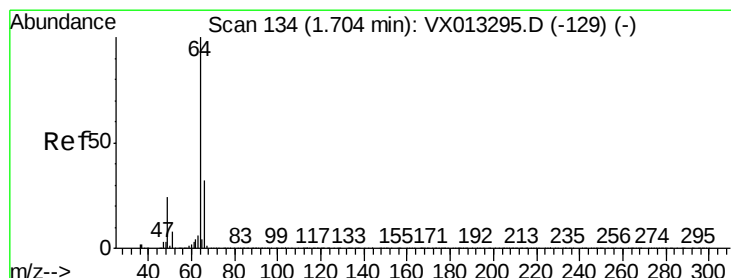
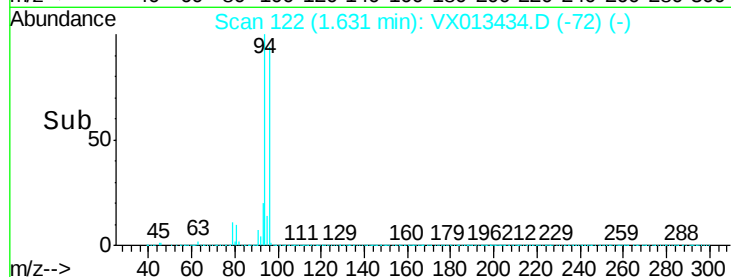
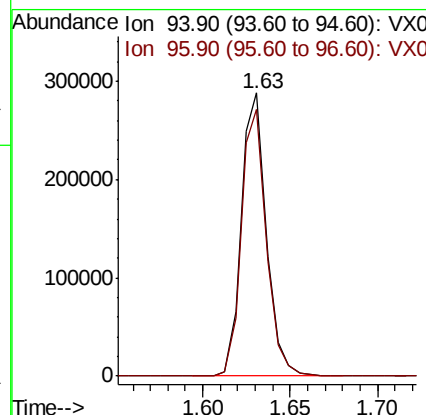
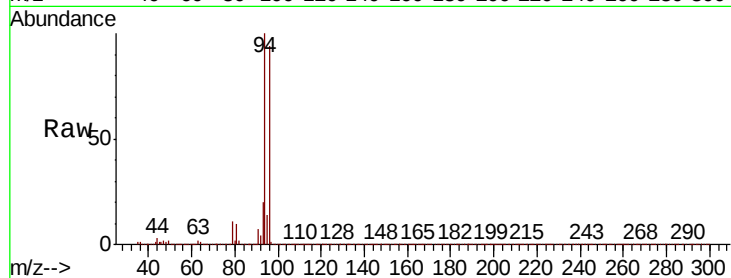
96 94.1 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 45.876 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013434.D

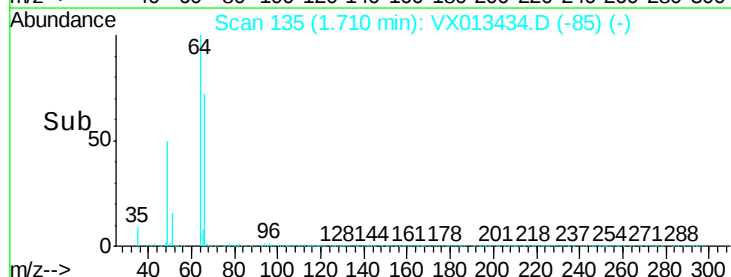
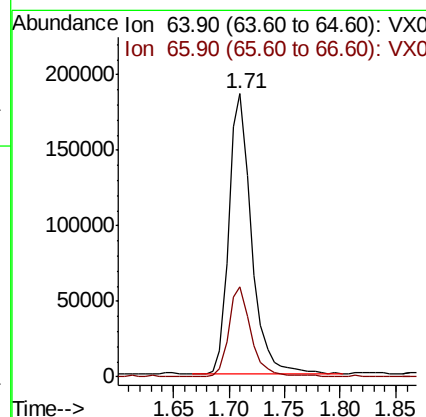
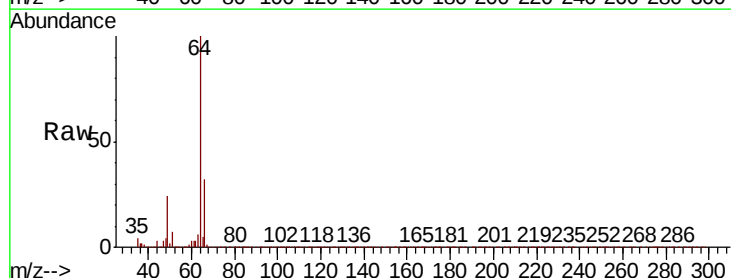
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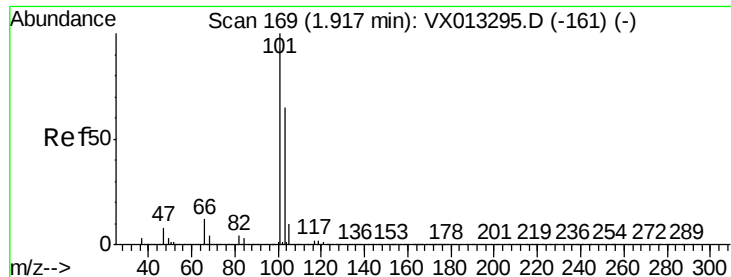
Tgt Ion: 64 Resp: 260776

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

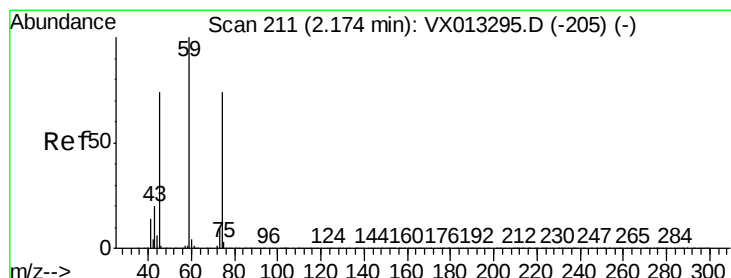
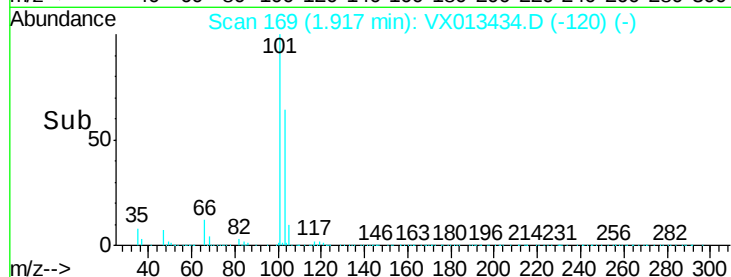
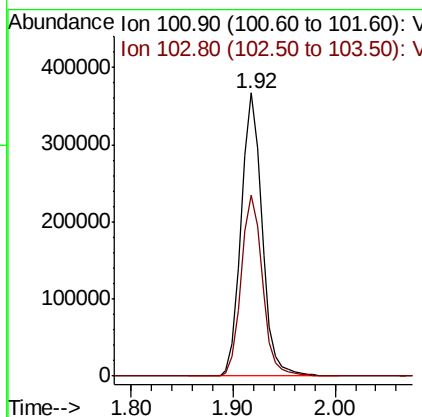
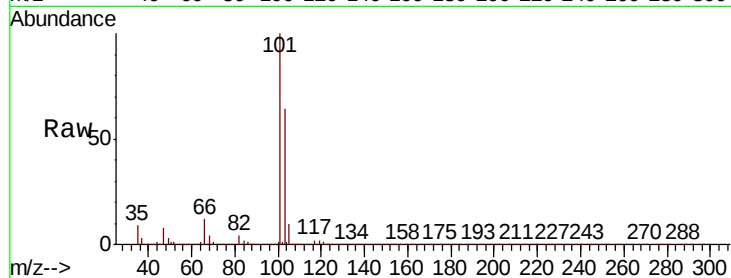
Trichlorofluoromethane
Concen: 44.385 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

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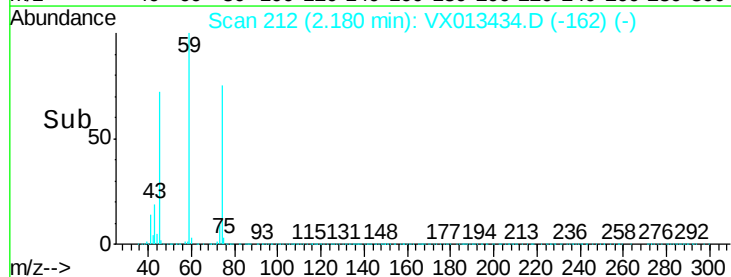
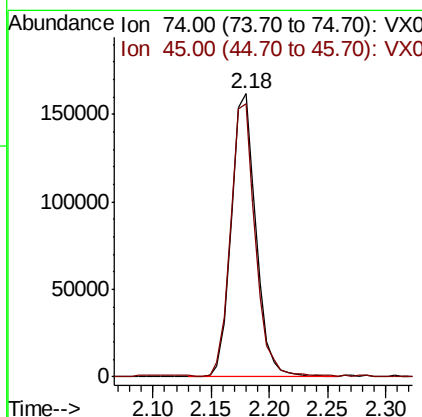
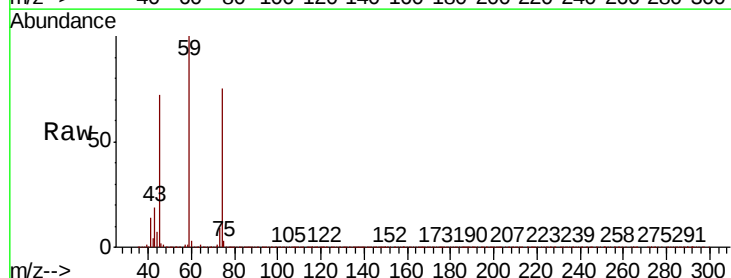
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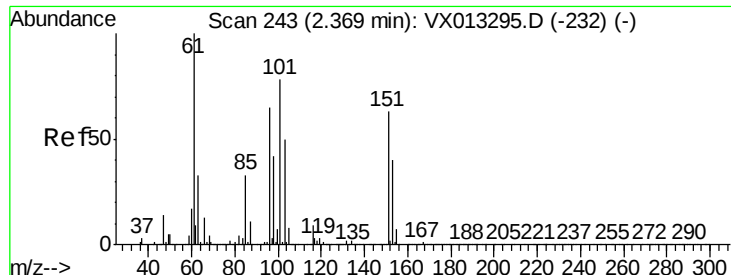


#8

Diethyl Ether
Concen: 45.694 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013434.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	48.5	145.6





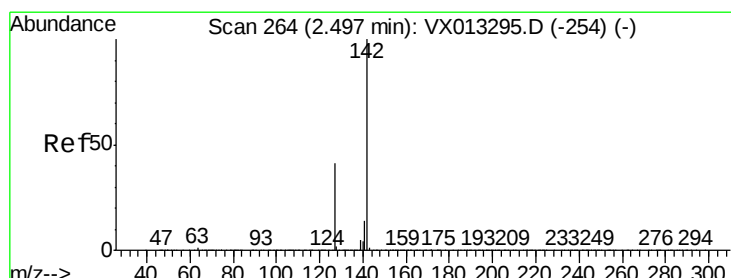
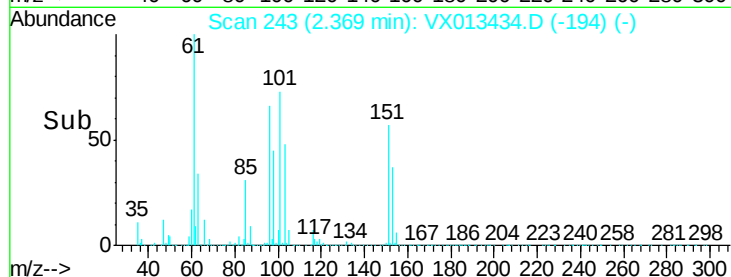
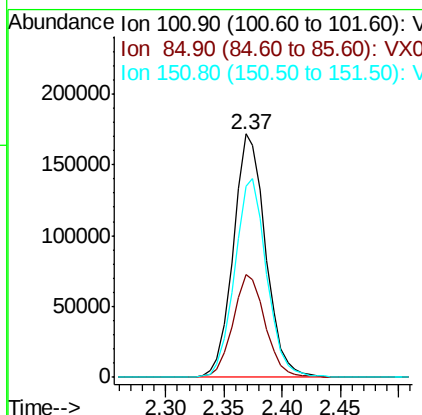
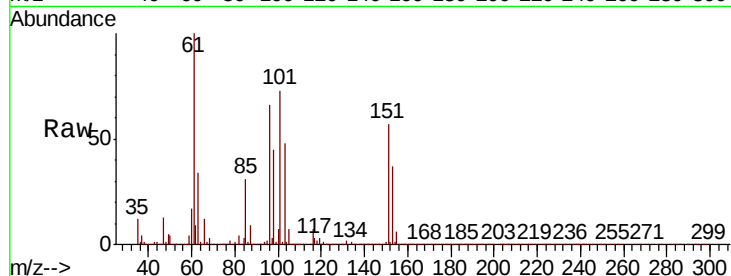
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.671 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	331084		
85	41.8	34.4	51.6	
151	81.3	66.4	99.6	

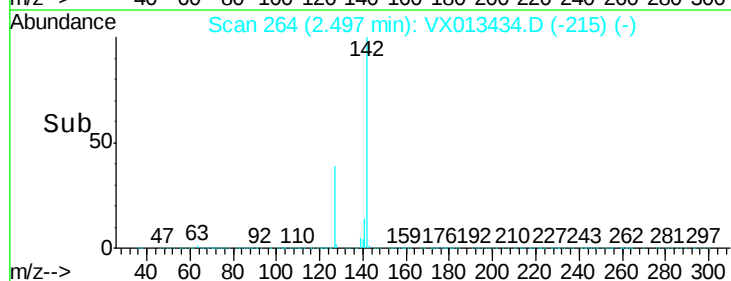
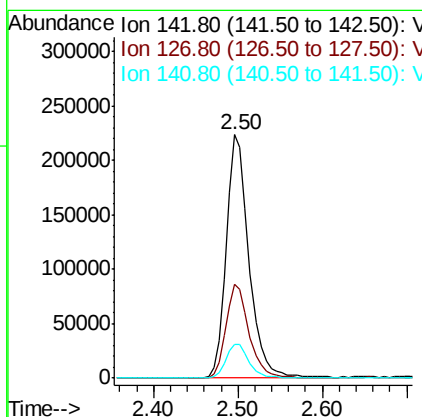
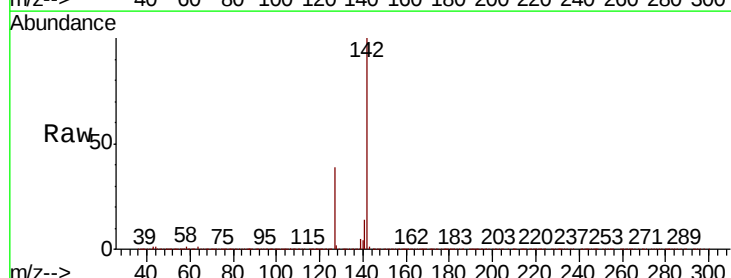
Manual Integrations
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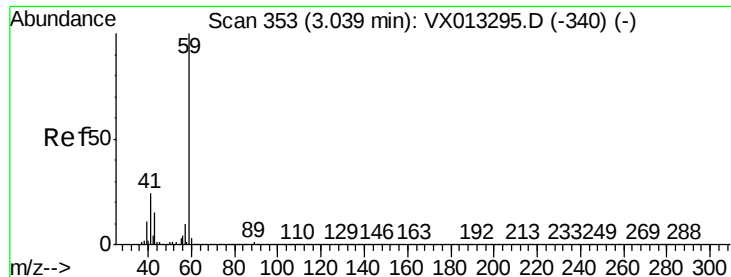
MMDadoda
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#10
Methyl Iodide
Concen: 51.016 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	412703		
127	38.9	32.6	49.0	
141	14.2	11.6	17.4	





#11

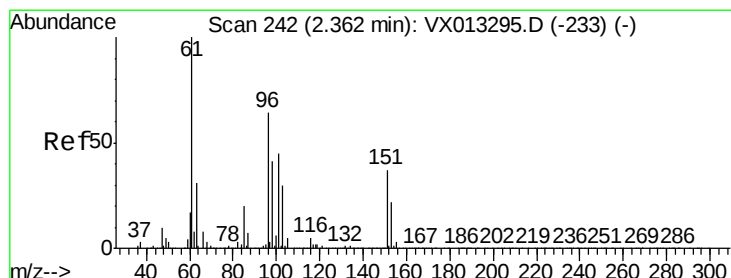
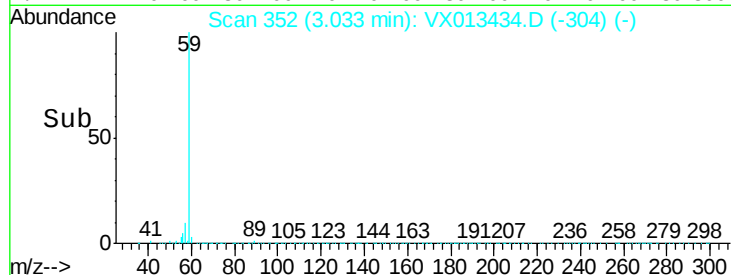
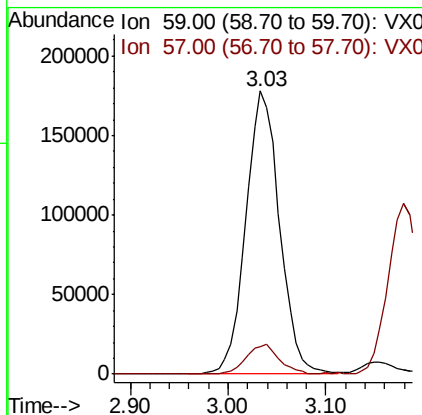
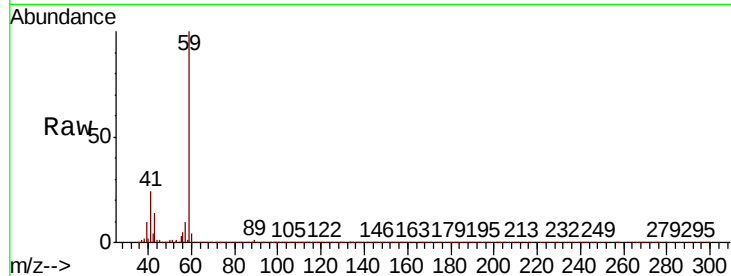
Tert butyl alcohol
Concen: 194.660 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.0	12.0

Manual Integrations
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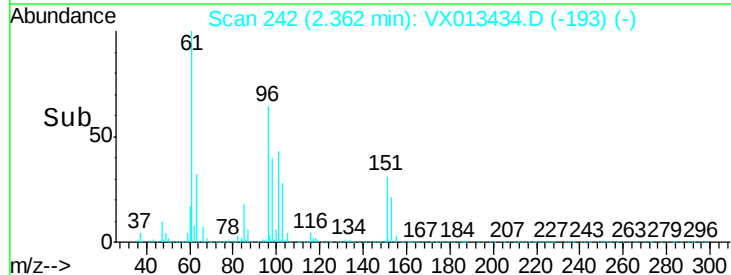
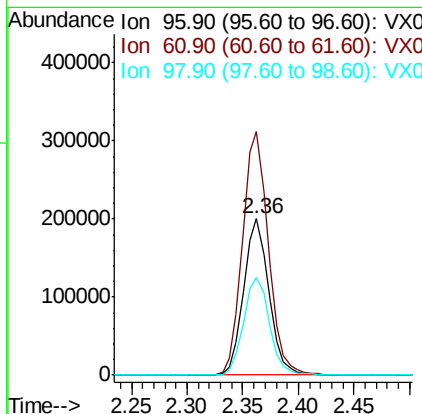
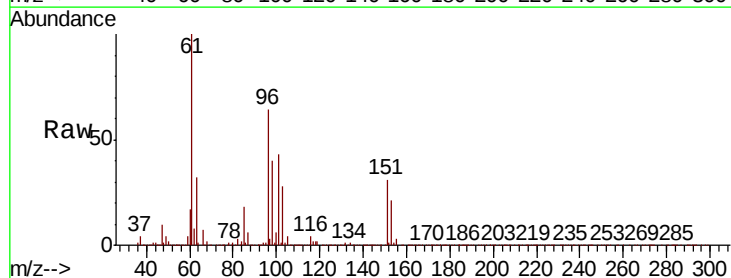
MMDadoda
11/18/2019 10:24:07 AM

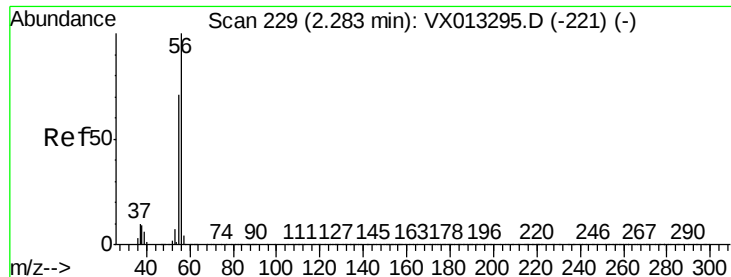


#12

1,1-Dichloroethene
Concen: 49.327 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	125.0	187.6
98	62.2	50.7	76.1





#13

Acrolein

Concen: 259.790 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 306681

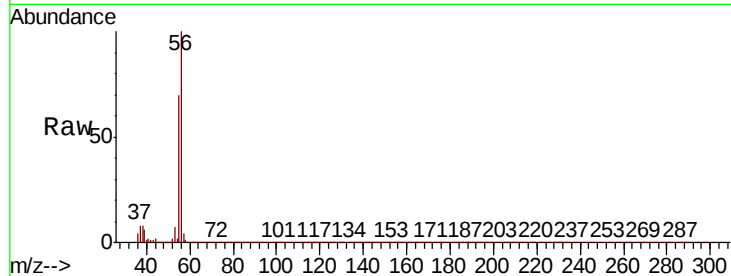
Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.0

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

150000

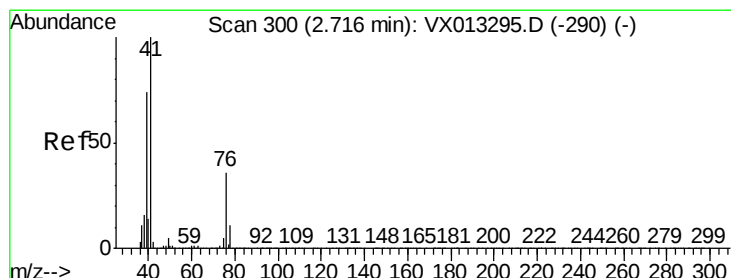
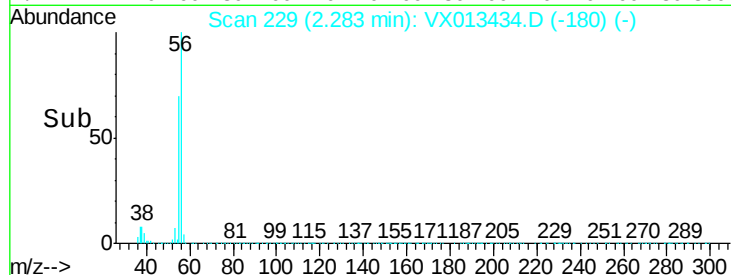
100000

50000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.738 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

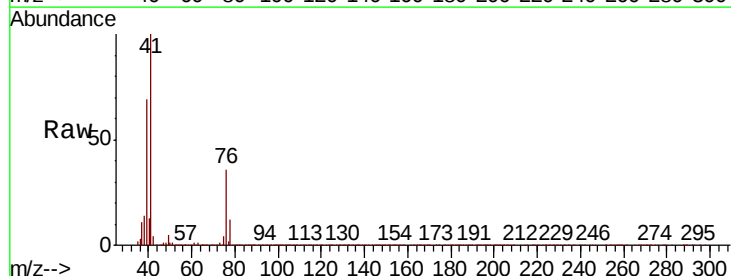
Tgt Ion: 41 Resp: 589882

Ion Ratio Lower Upper

41 100

39 64.8 55.8 83.8

76 32.5 26.4 39.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

500000

400000

300000

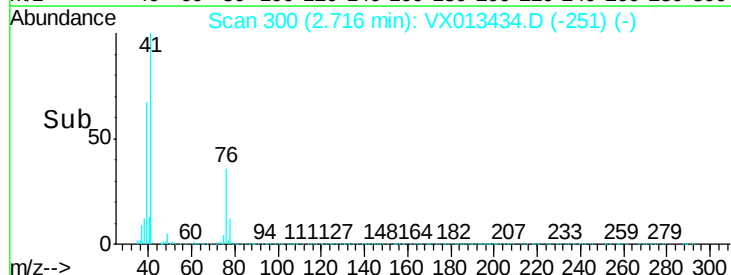
200000

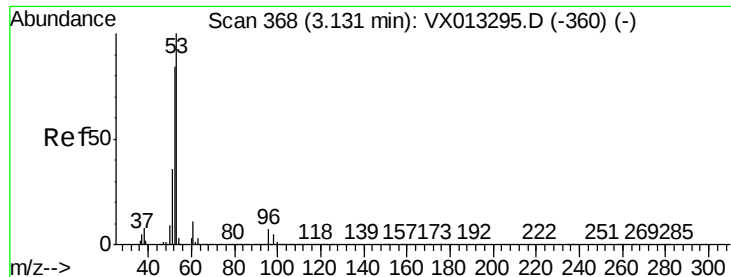
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 249.663 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1015798

Ion Ratio Lower Upper

53 100

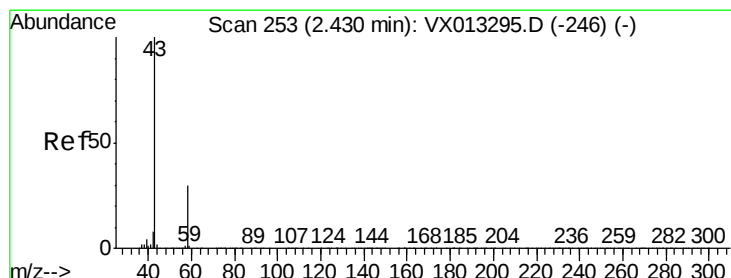
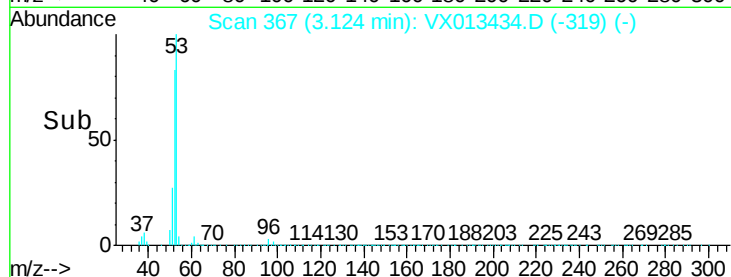
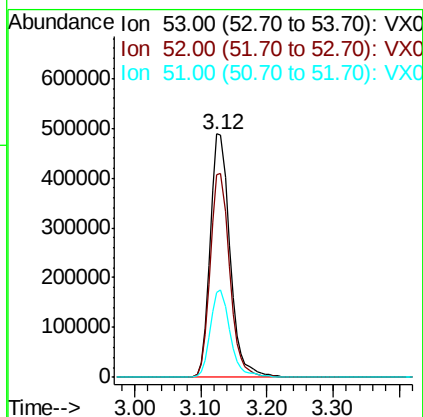
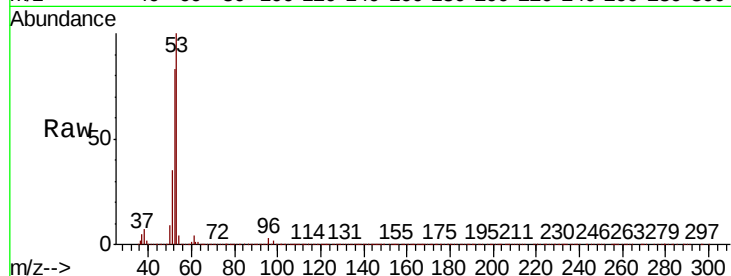
52 82.7 67.4 101.0

51 35.9 29.4 44.2

Manual Integrations
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#16

Acetone

Concen: 238.094 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013434.D

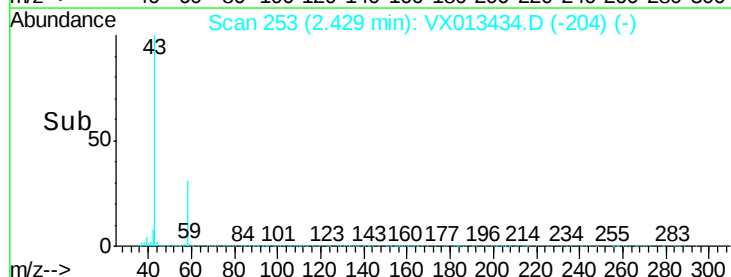
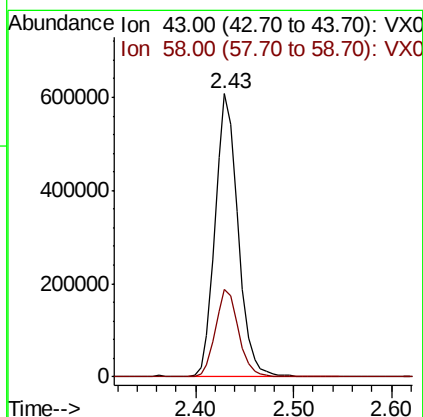
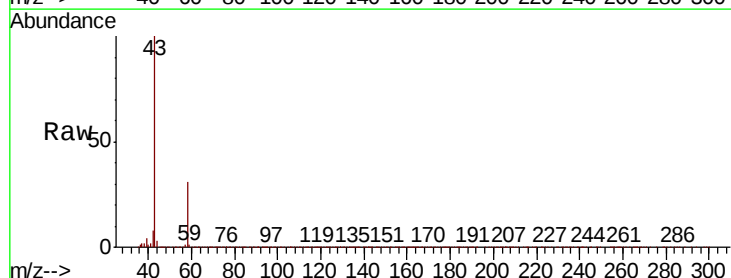
Acq: 15 Nov 2019 10:07

Tgt Ion: 43 Resp: 981418

Ion Ratio Lower Upper

43 100

58 30.9 24.3 36.5





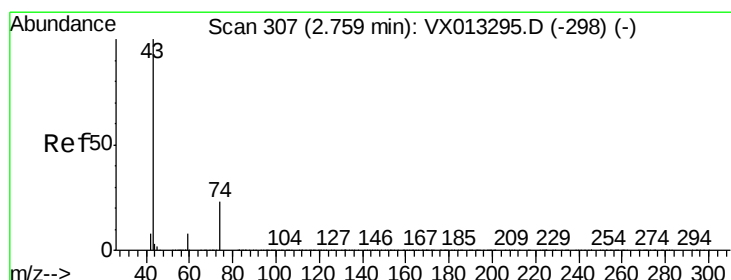
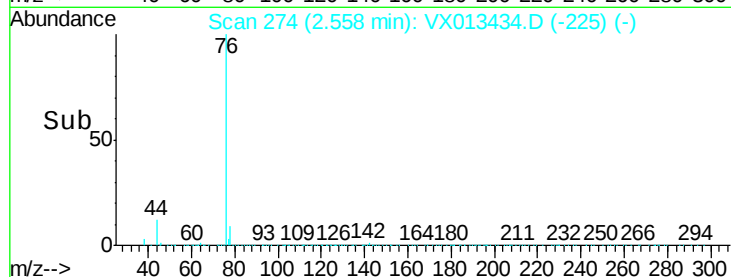
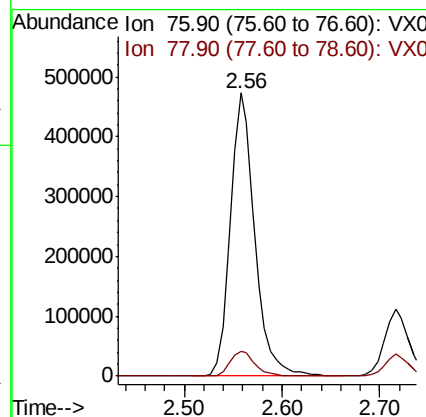
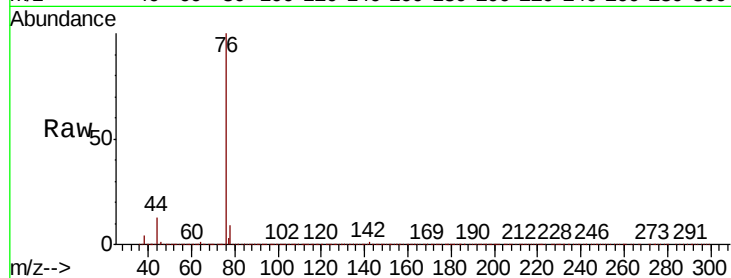
#17
Carbon Disulfide
Concen: 47.473 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

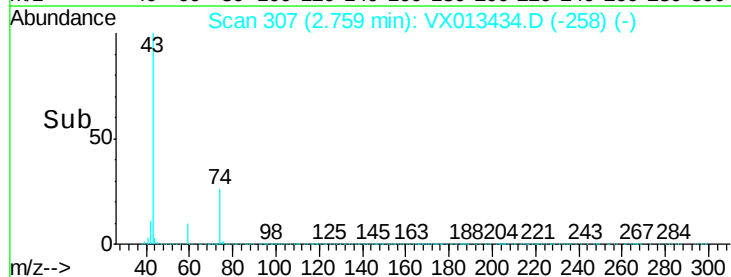
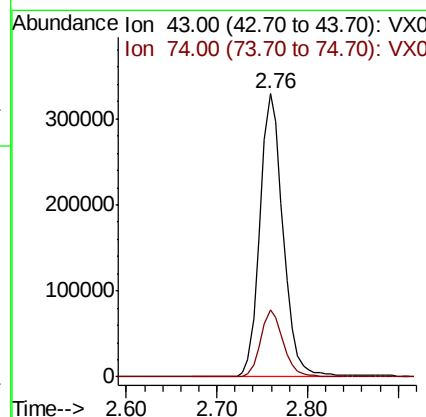
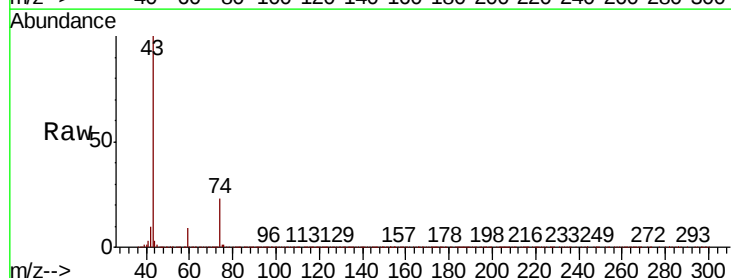
Manual Integrations
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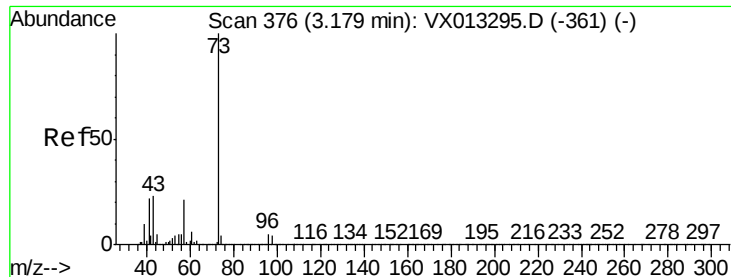
MMDadoda
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#18
Methyl Acetate
Concen: 50.855 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.0	28.6





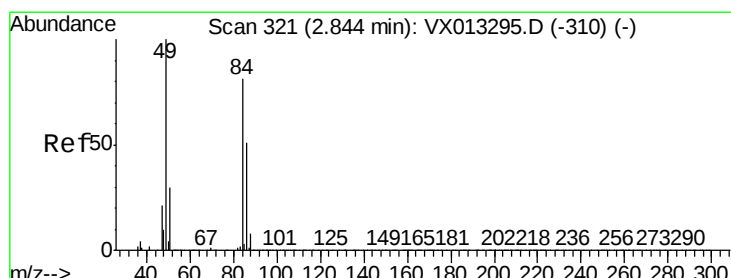
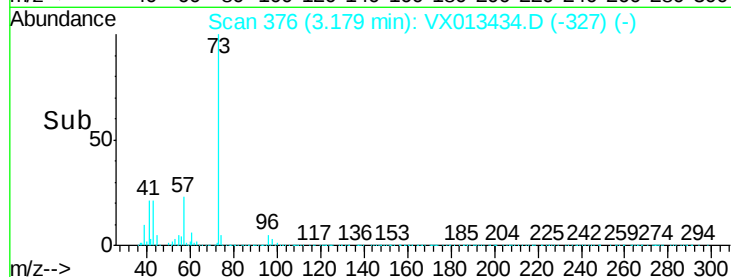
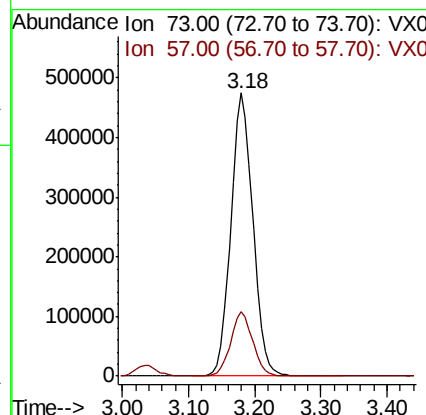
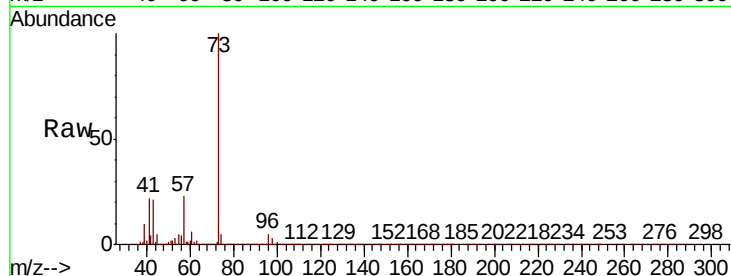
#19
Methvl tert-butvl Ether
Concen: 51.196 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1092587
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7

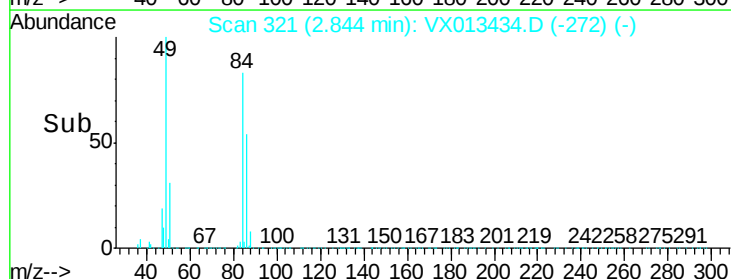
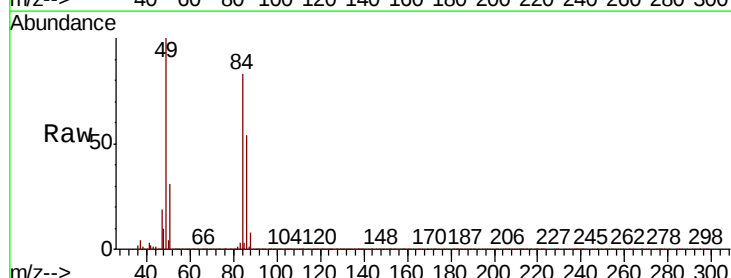
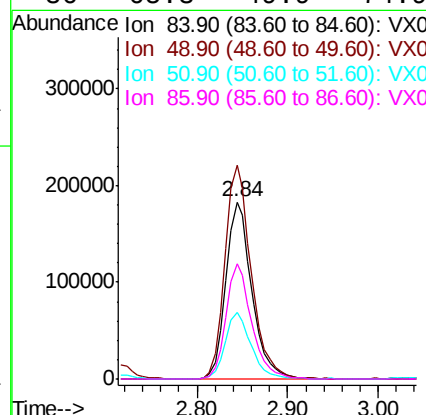
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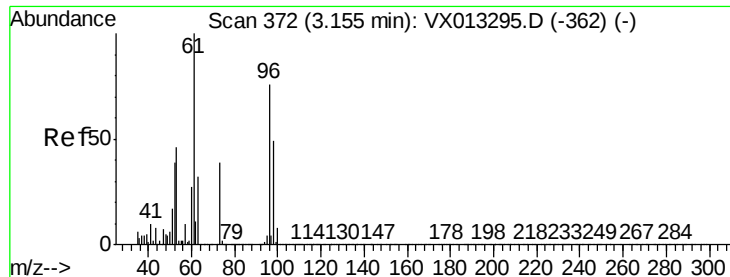
MMDadoda
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#20
Methylene Chloride
Concen: 47.901 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 84 Resp: 364808
Ion Ratio Lower Upper
84 100
49 120.6 98.2 147.4
51 37.2 29.9 44.9
86 65.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.345 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 343781

Ion Ratio Lower Upper

96 100

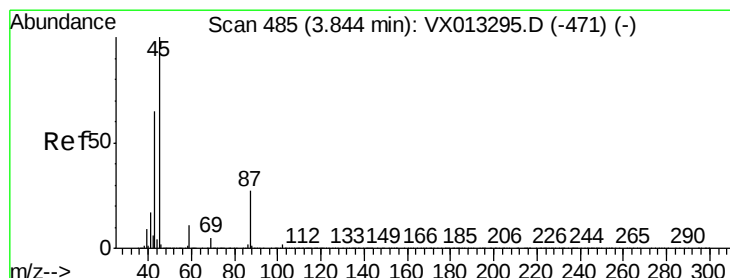
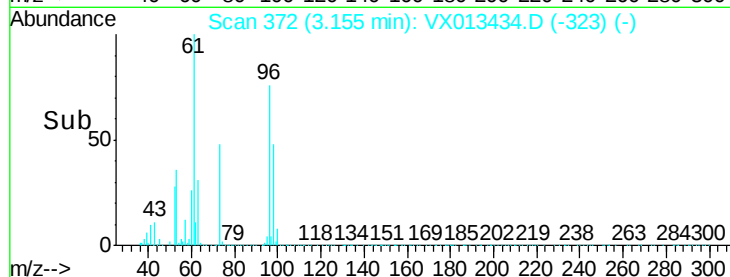
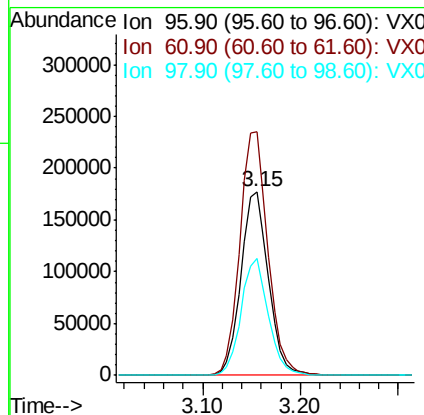
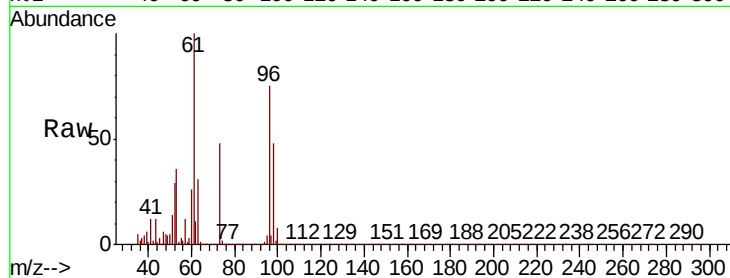
61 132.3 105.8 158.6

98 63.3 51.8 77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.488 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion: 45 Resp: 1178100

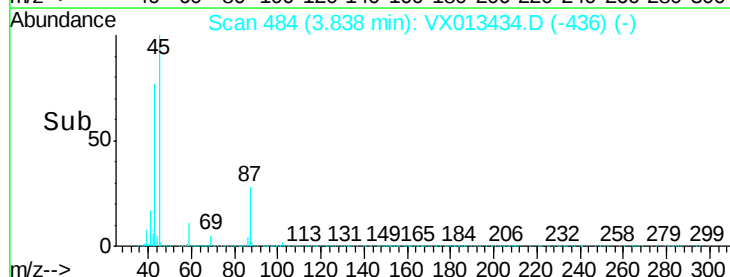
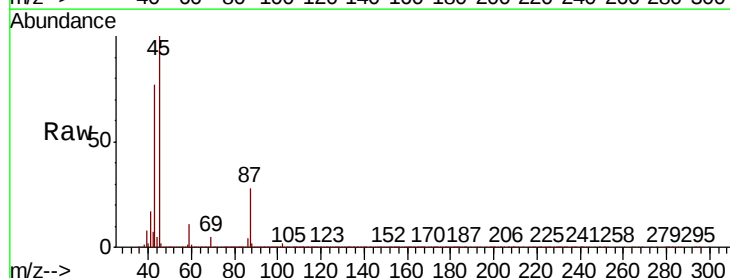
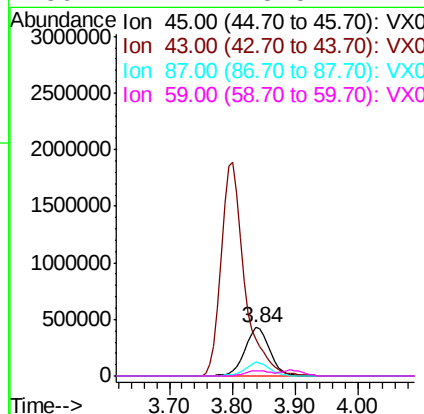
Ion Ratio Lower Upper

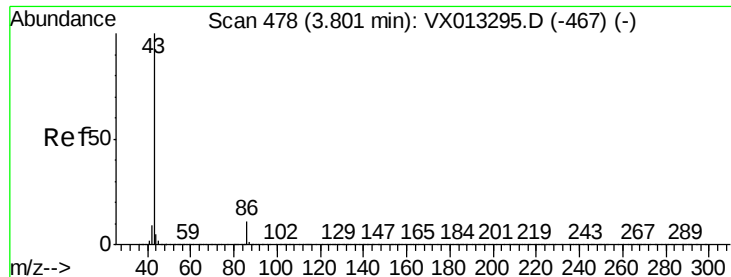
45 100

43 76.6 54.2 81.2

87 28.0 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 254.097 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4880269

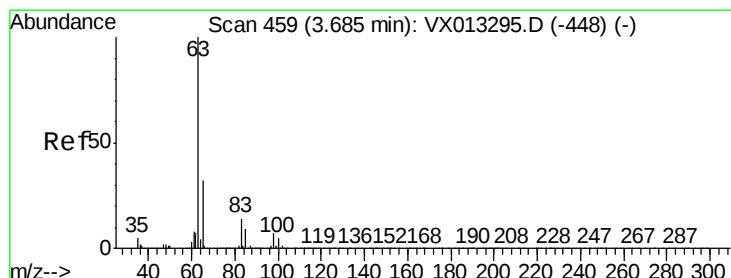
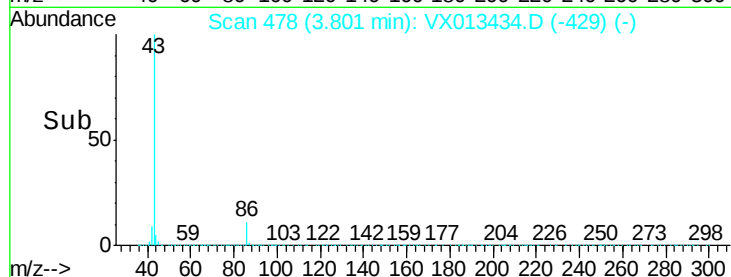
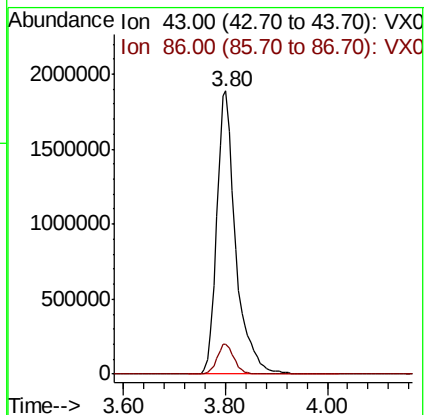
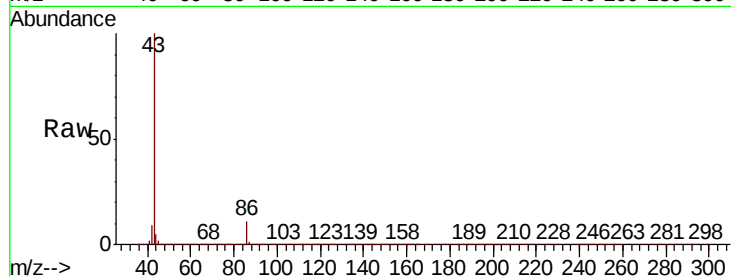
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.238 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

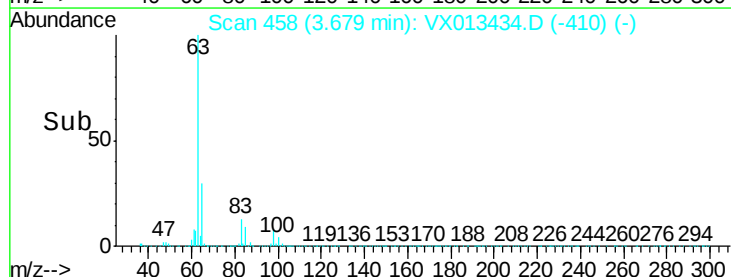
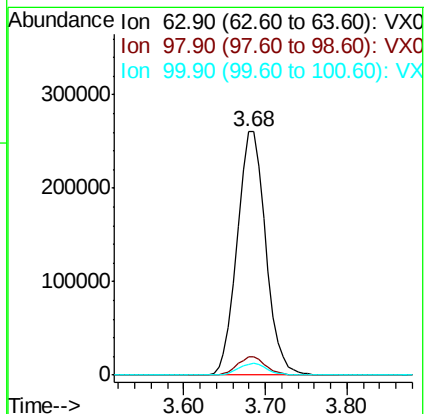
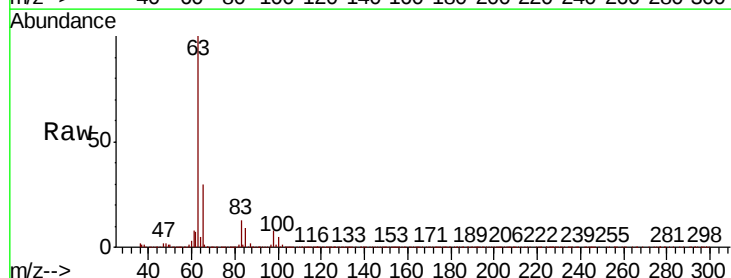
Tgt Ion: 63 Resp: 630793

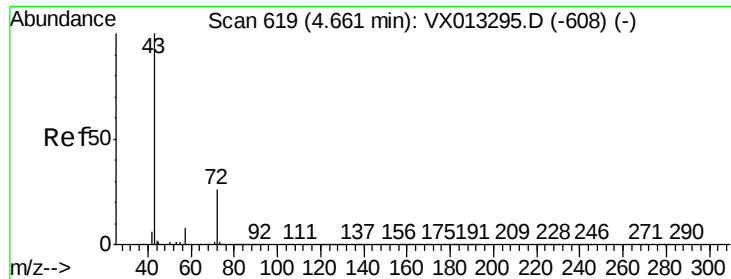
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 243.577 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1472909

Ion Ratio Lower Upper

43 100

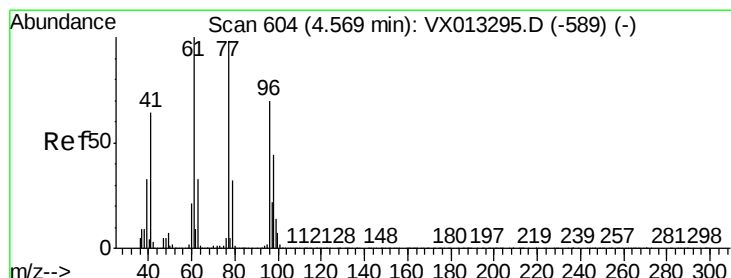
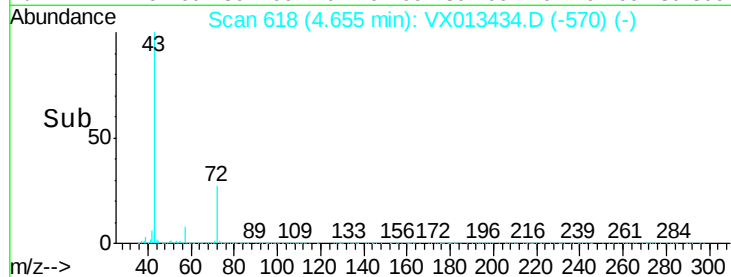
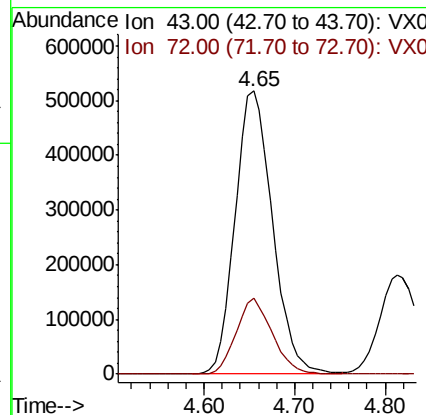
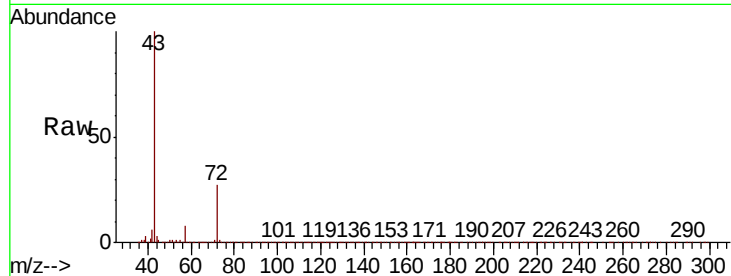
72 27.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.517 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013434.D

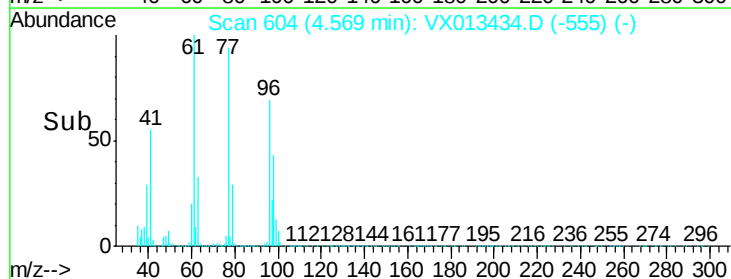
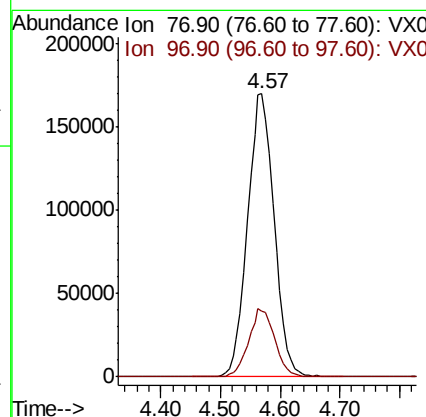
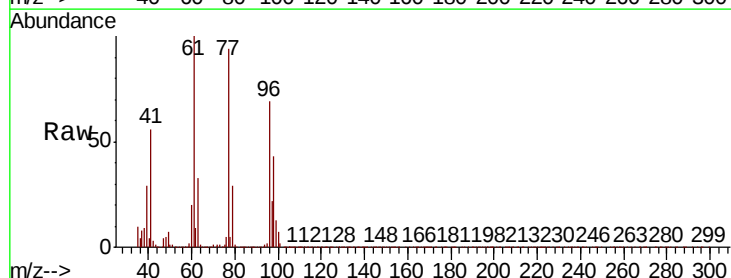
Acq: 15 Nov 2019 10:07

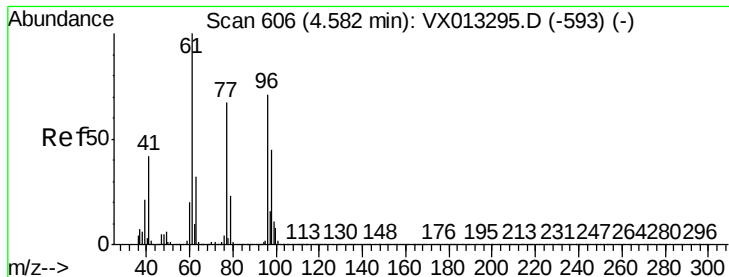
Tgt Ion: 77 Resp: 524578

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8





#27

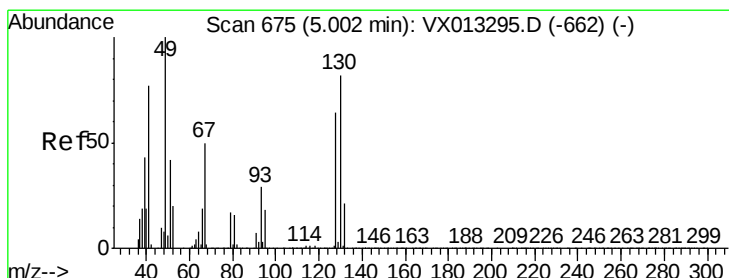
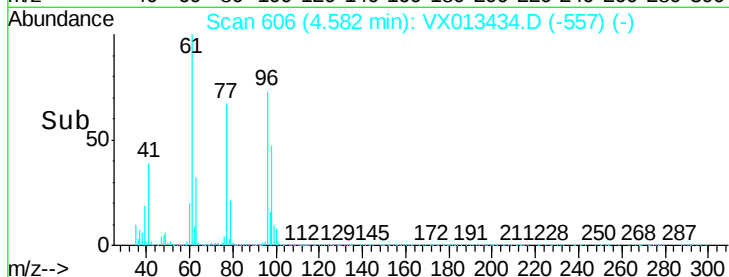
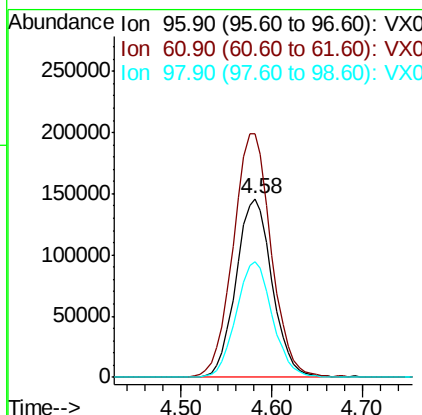
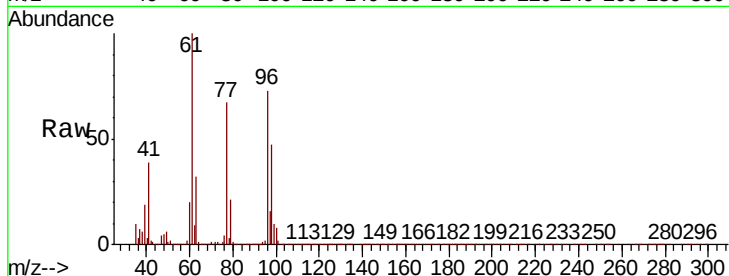
cis-1,2-Dichloroethene
Concen: 51.343 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	400697		
61	143.9		0.0	288.0
98	65.2		0.0	129.6

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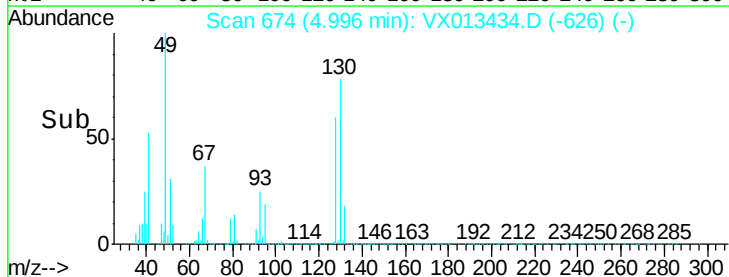
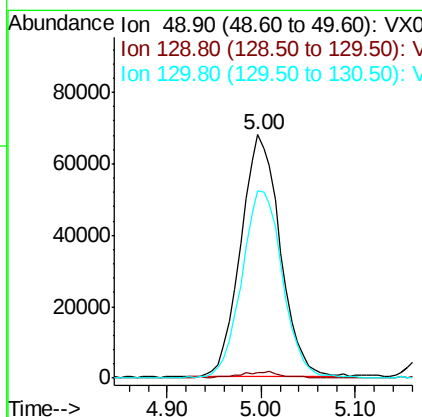
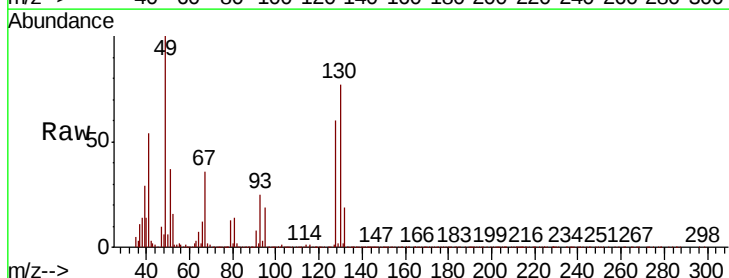
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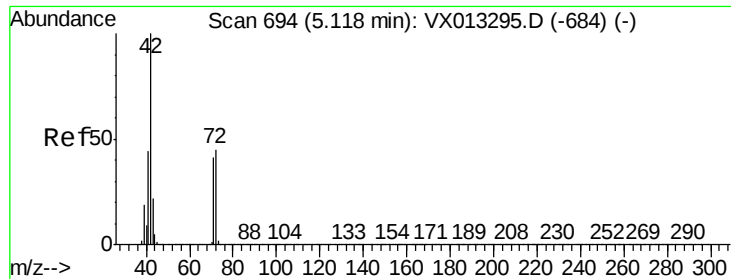


#28

Bromochloromethane
Concen: 55.620 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	198291		
129	2.7		0.0	5.2
130	79.6		63.8	95.6





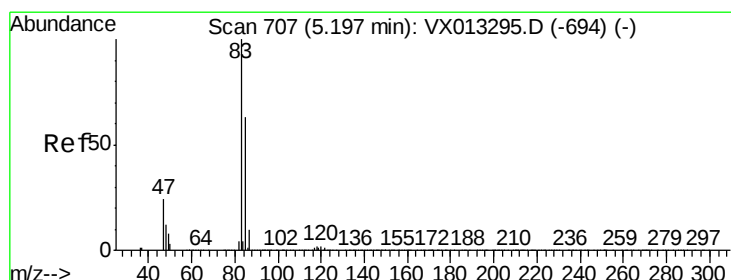
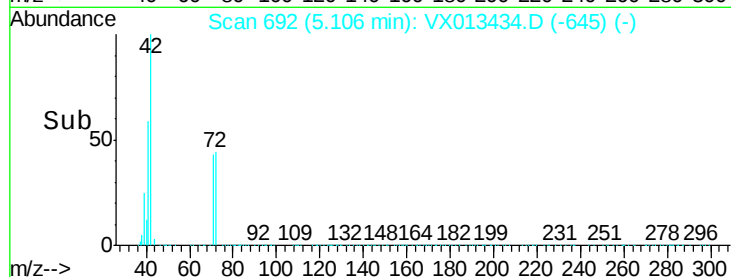
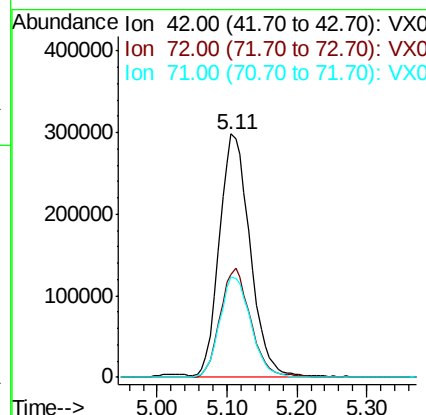
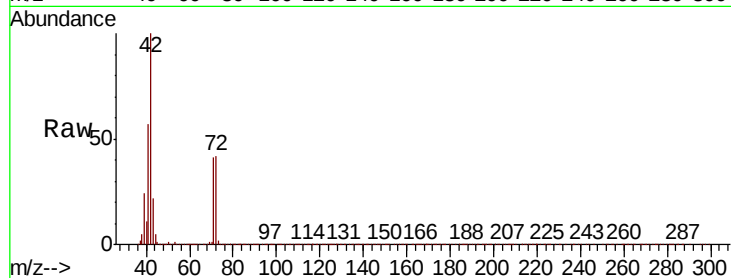
#29
Tetrahydrofuran
Concen: 243.175 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.8	53.8
71	41.7	33.4	50.0

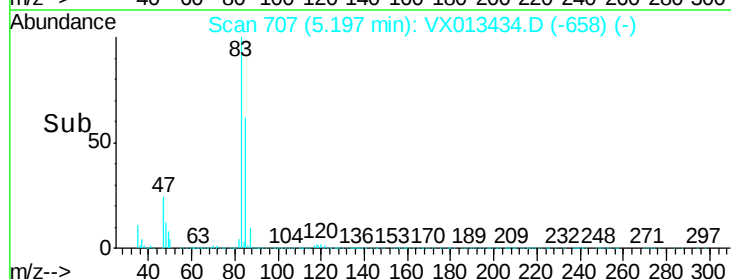
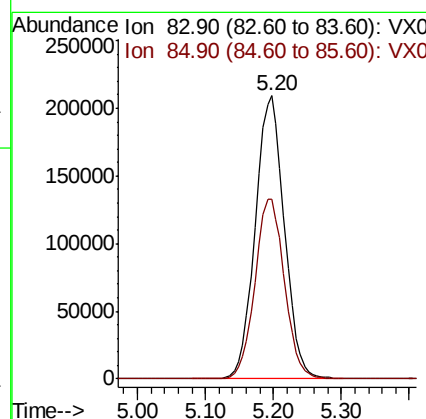
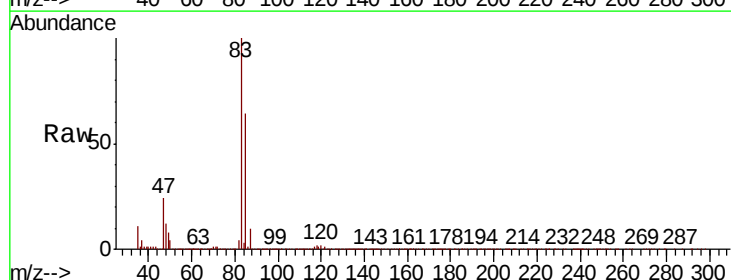
Manual Integrations
APPROVED

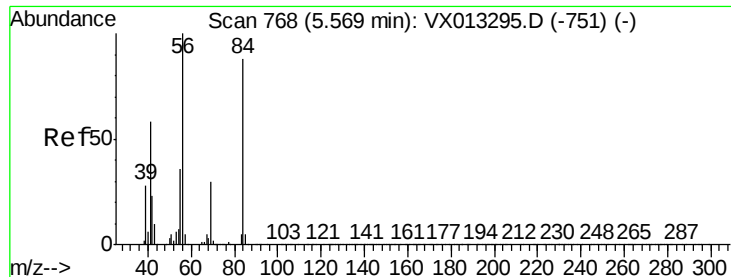
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#30
Chloroform
Concen: 50.301 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.4





#31

Cyclohexane

Concen: 49.353 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

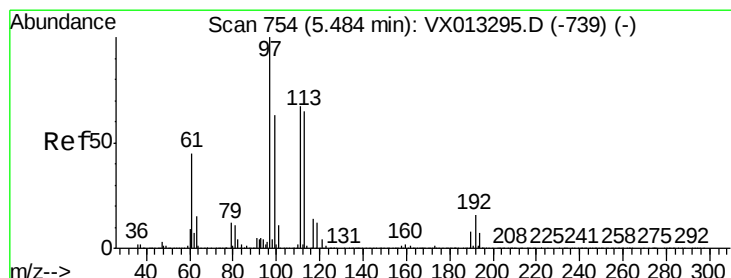
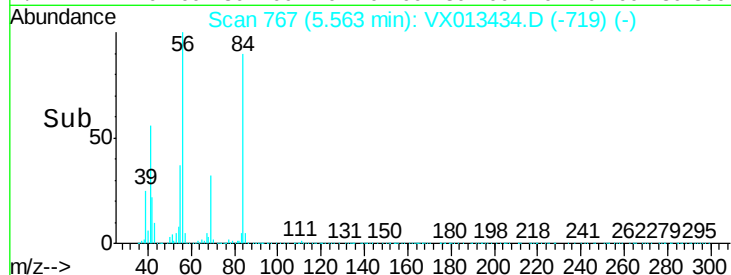
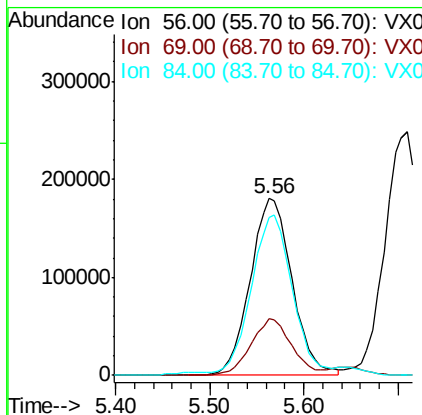
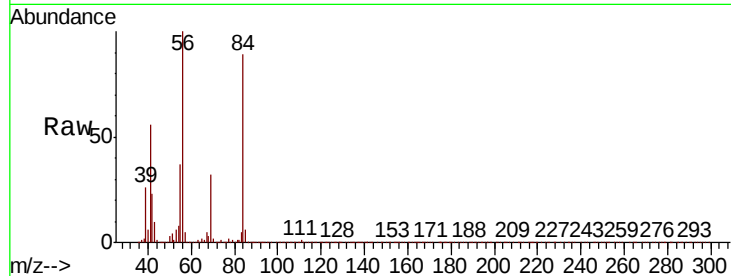
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	557600
Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.7	35.5
84	88.1	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.187 ug/l

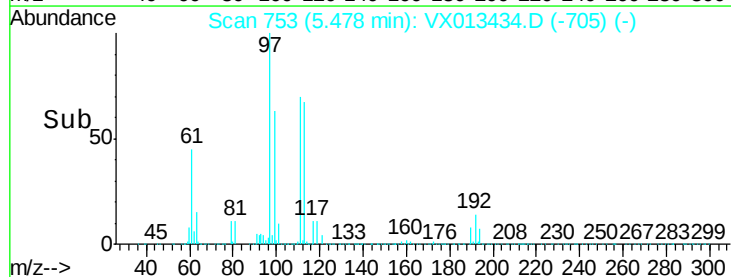
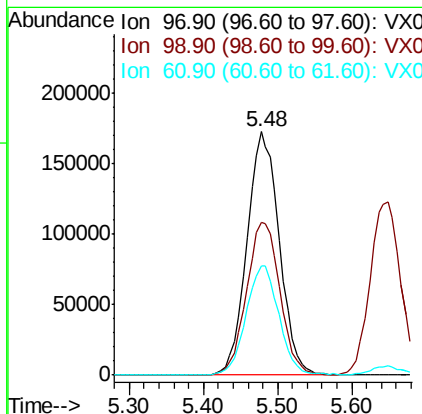
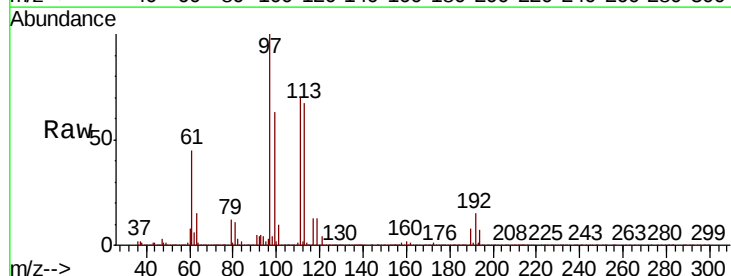
RT: 5.48 min Scan# 753

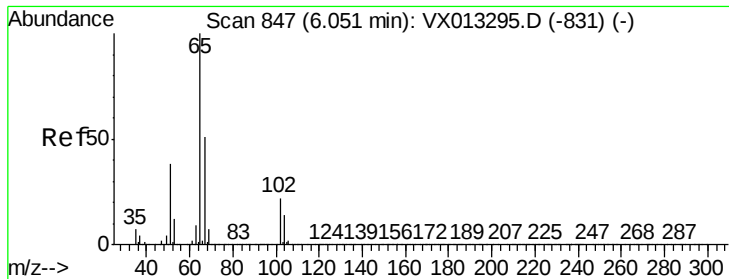
Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	97	Resp:	524822
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	45.6	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 398476

Ion Ratio Lower Upper

65 100

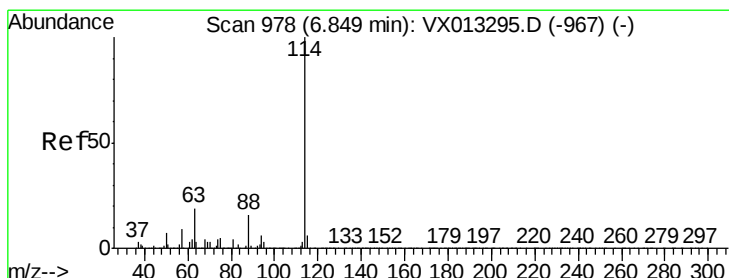
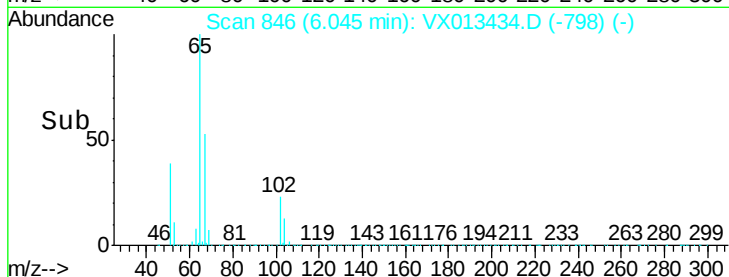
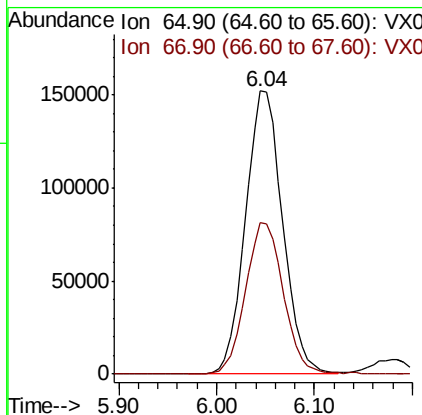
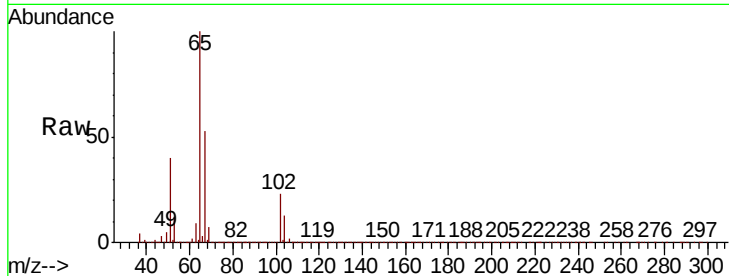
67 53.9 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

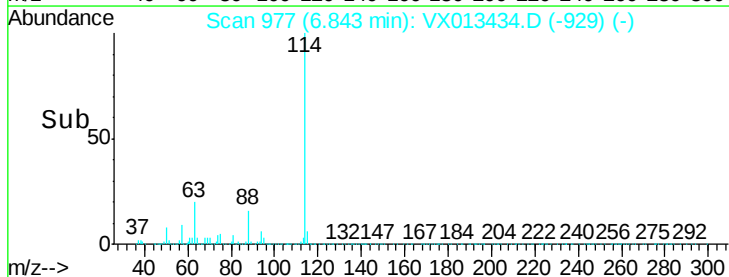
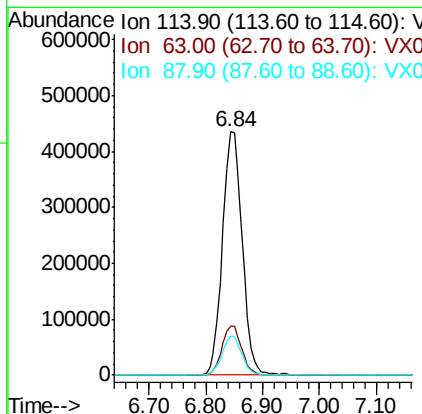
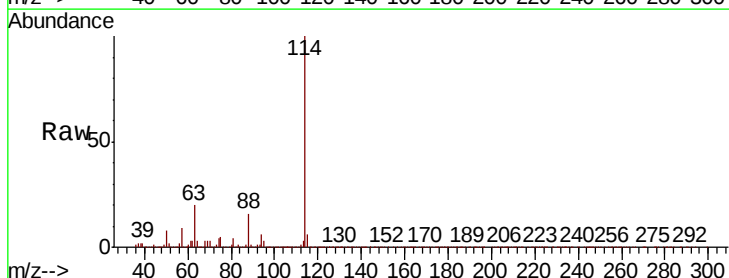
Tgt Ion: 114 Resp: 1051938

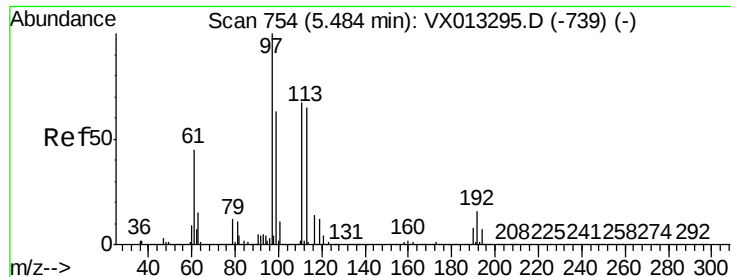
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.8 0.0 32.2





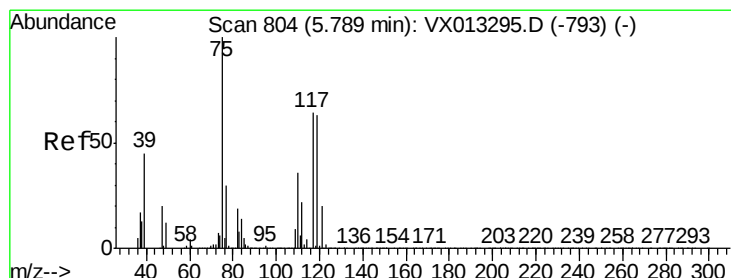
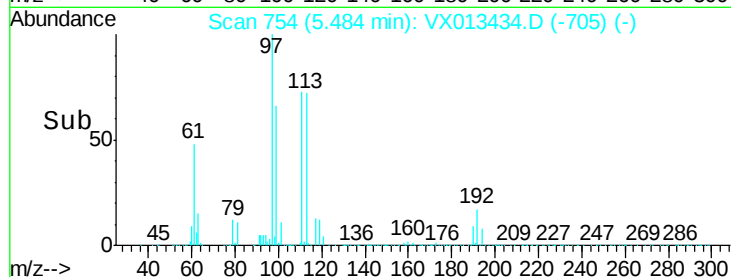
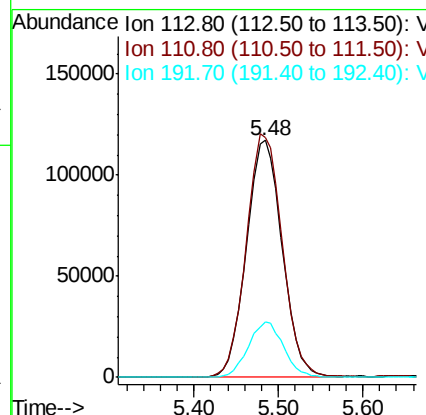
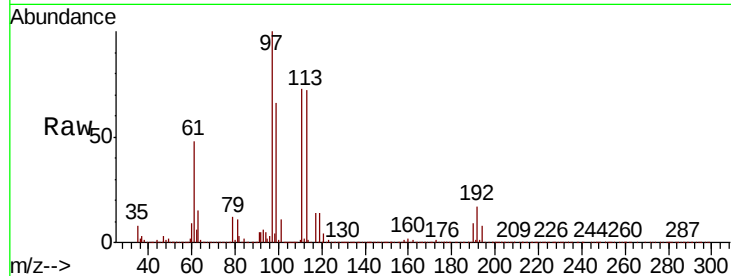
#35
Dibromofluoromethane
Concen: 51.007 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	336536		
111	103.1	81.9	122.9	
192	23.1	19.1	28.7	

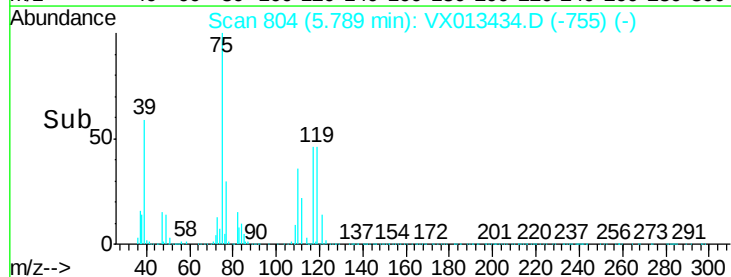
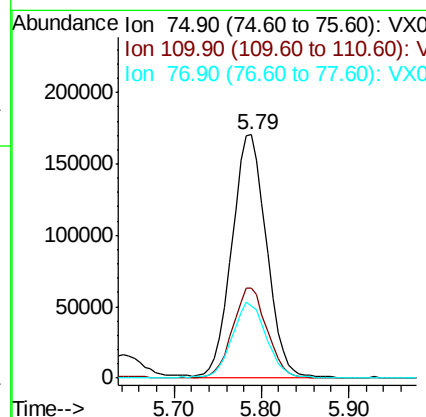
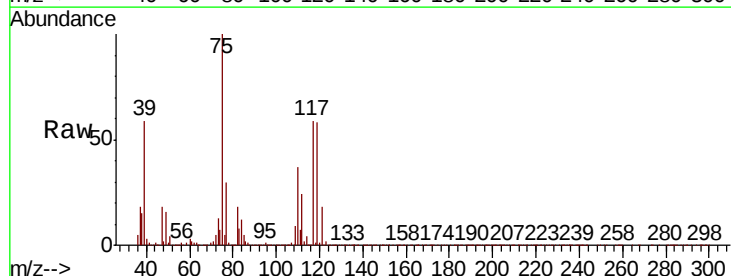
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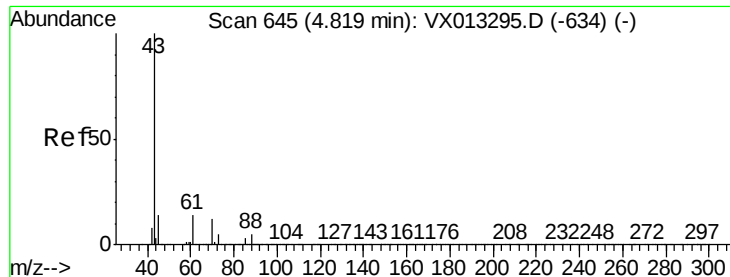
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#36
1,1-Dichloropropene
Concen: 51.760 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	467100		
110	36.7	18.1	54.1	
77	30.6	25.0	37.4	





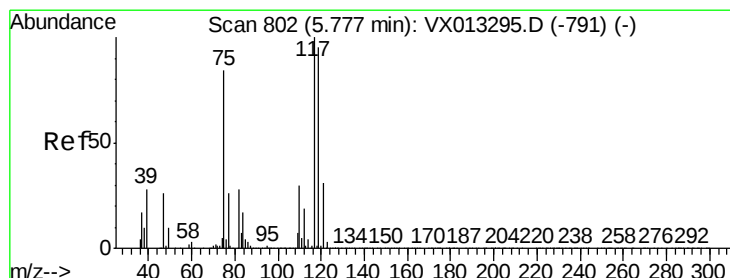
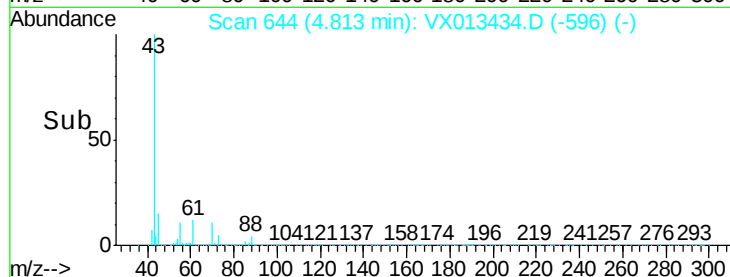
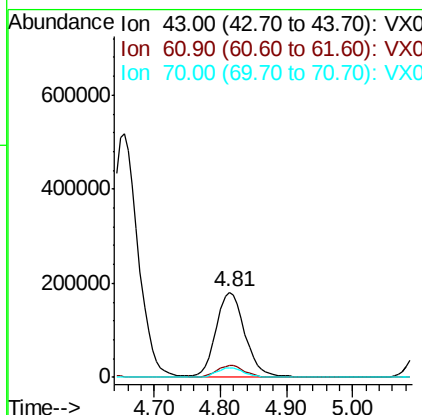
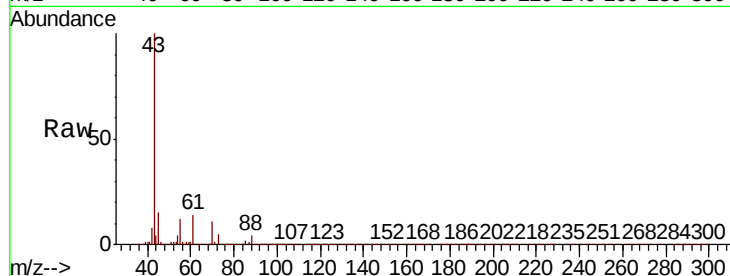
#37
Ethyl Acetate
Concen: 48.956 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	10.4	8.7	13.1

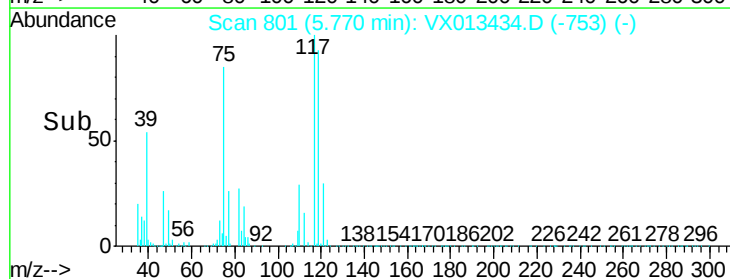
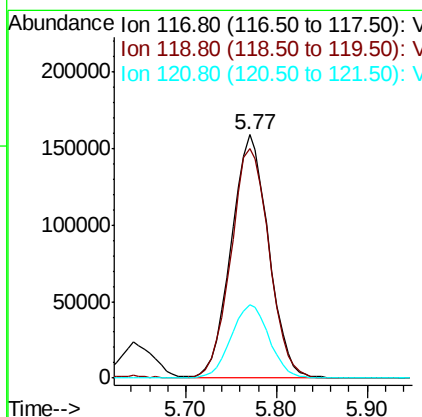
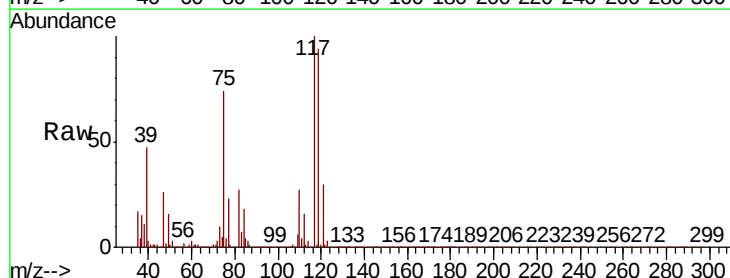
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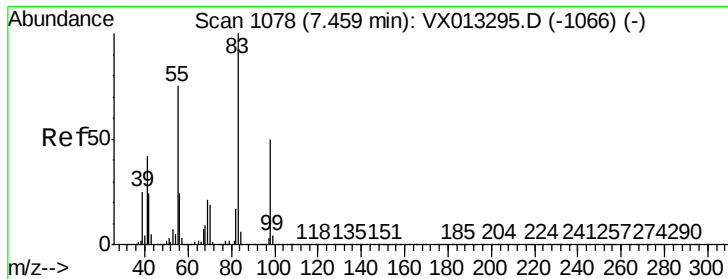
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#38
Carbon Tetrachloride
Concen: 51.323 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
121	30.3	24.6	37.0





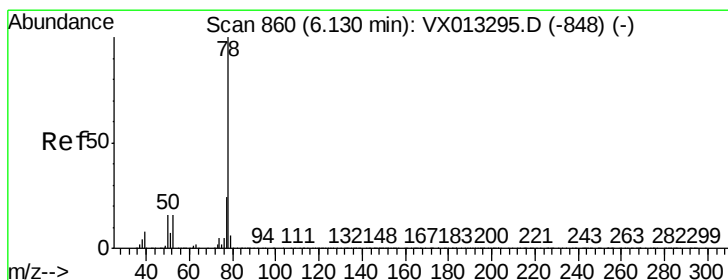
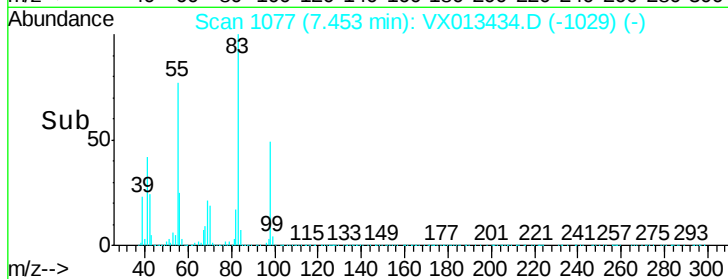
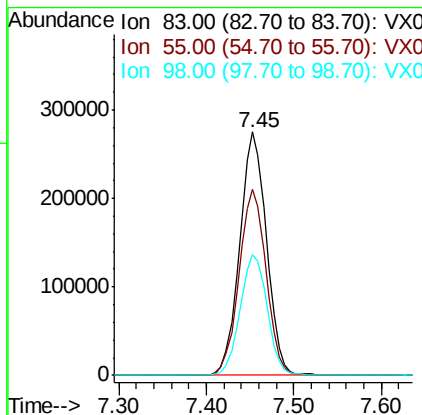
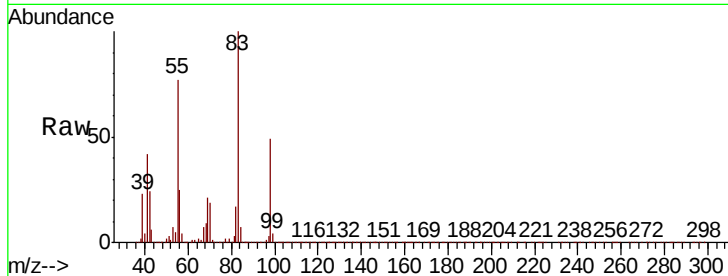
#39
Methvlcvclohexane
Concen: 52.028 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	60.3	90.5
98	49.4	40.3	60.5

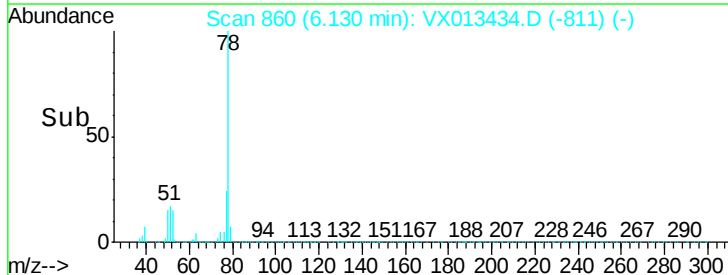
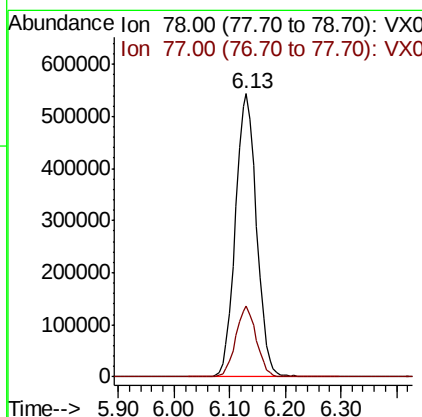
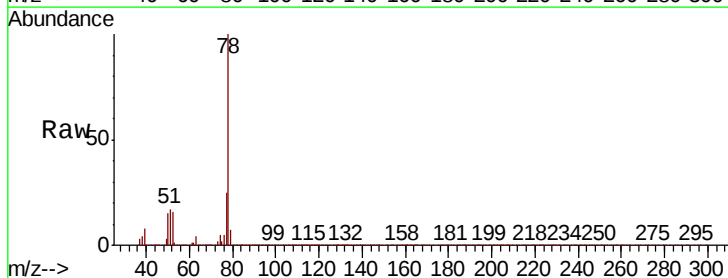
Manual Integrations
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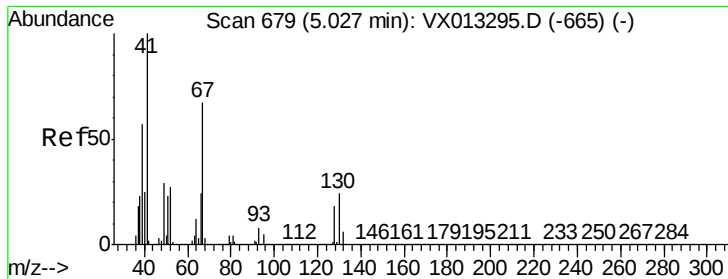
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#40
Benzene
Concen: 50.747 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.5	29.3





#41

Methacrylonitrile

Concen: 48.655 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

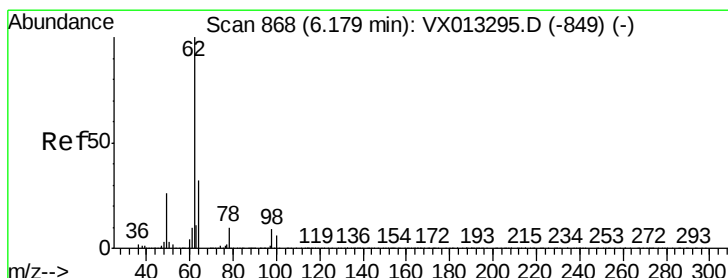
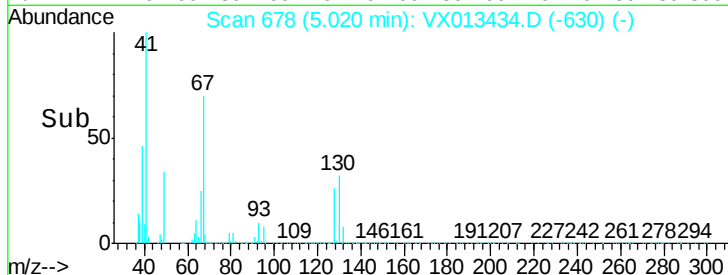
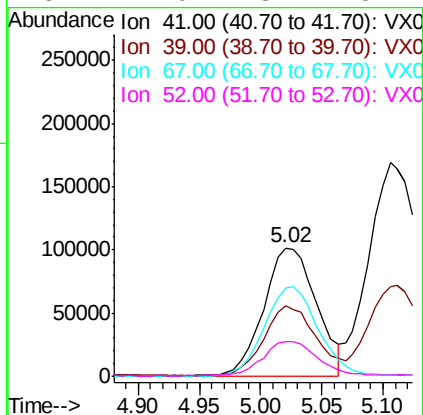
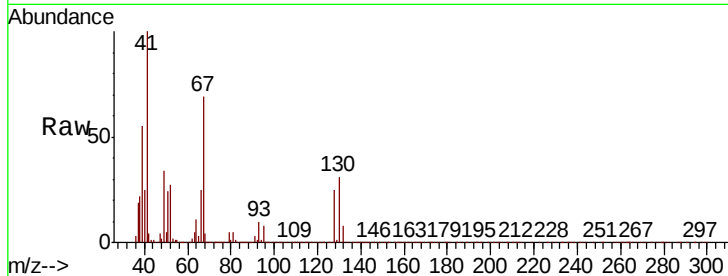
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	45.0	67.6	
67	72.3	55.4	83.2	
52	27.0	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.933 ug/l

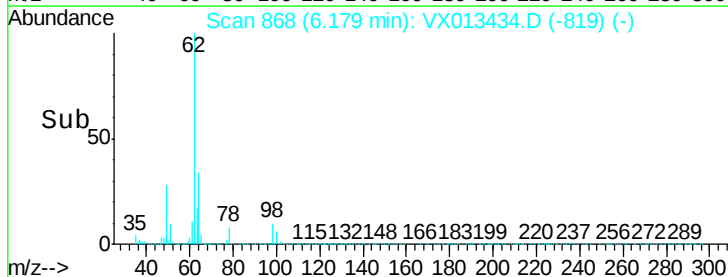
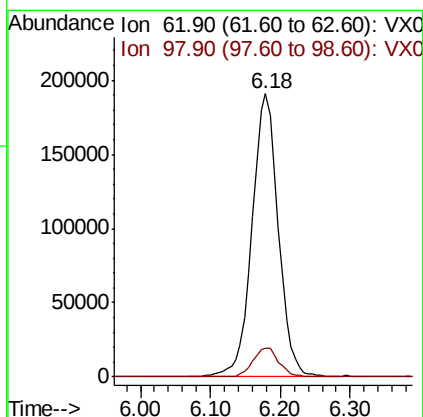
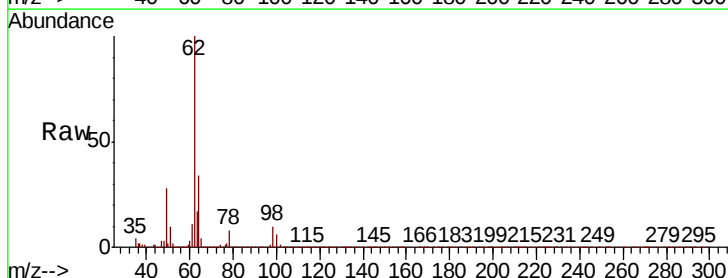
RT: 6.18 min Scan# 868

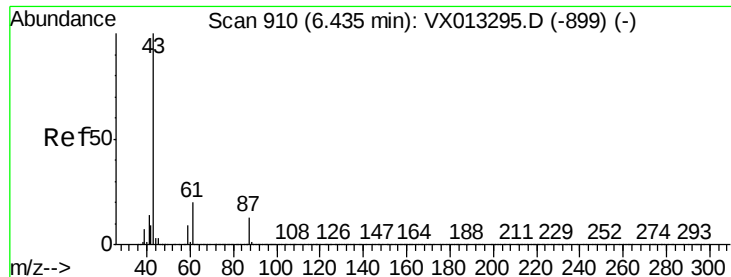
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





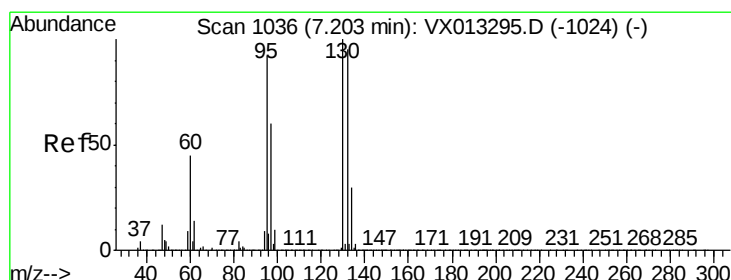
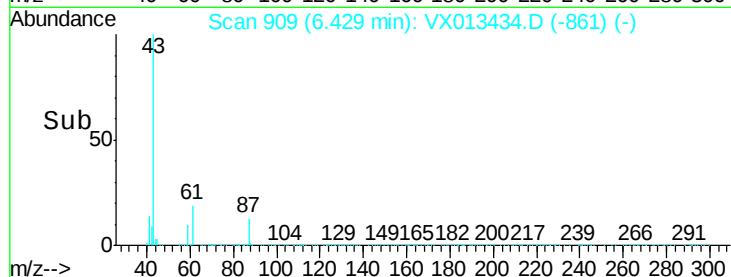
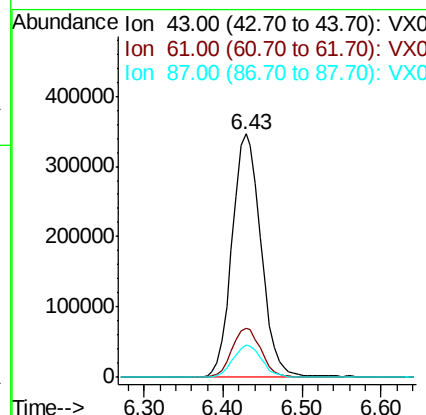
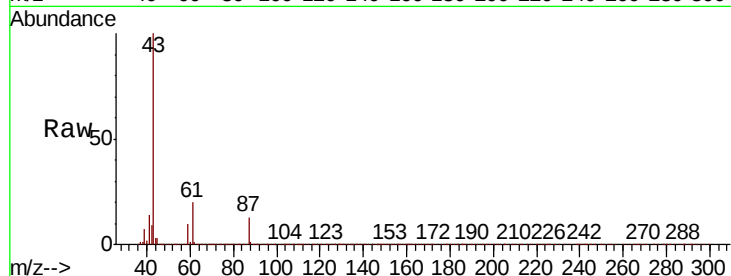
#43
Isopropyl Acetate
Concen: 50.848 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.1	10.4	15.6

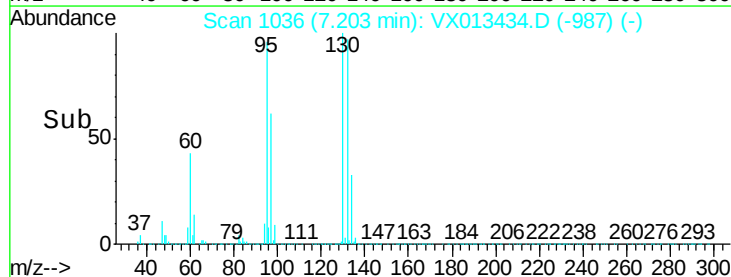
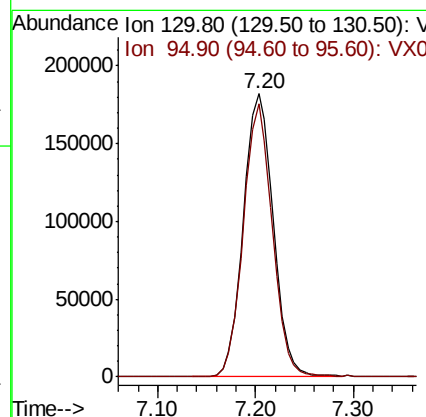
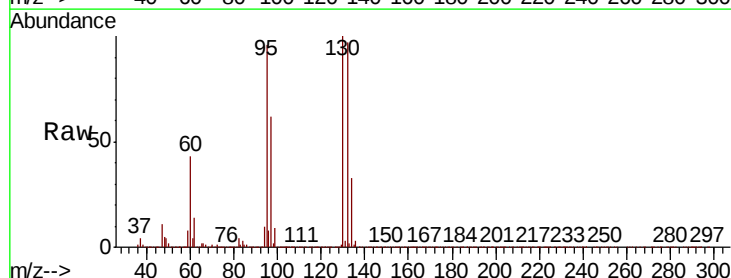
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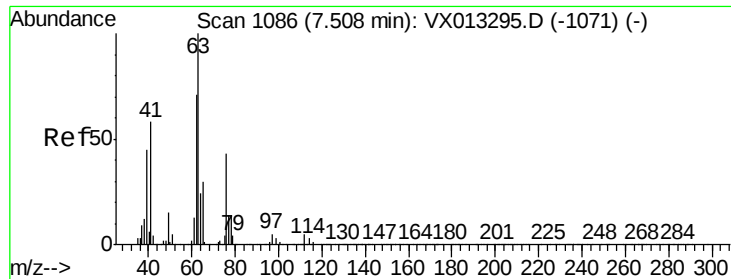
MMDadoda
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#44
Trichloroethene
Concen: 50.176 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	184.8





#45

1,2-Dichloropropane

Concen: 52.241 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 374172

Ion Ratio Lower Upper

63 100

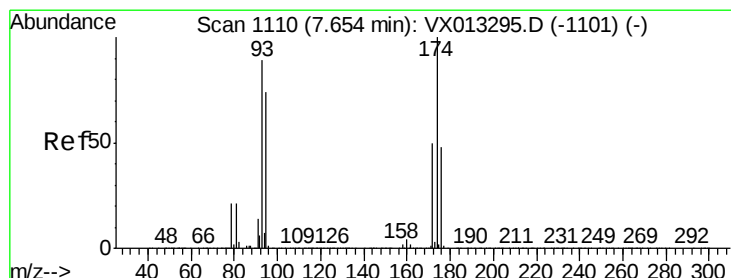
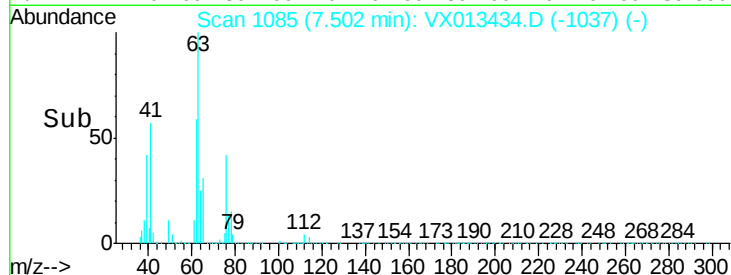
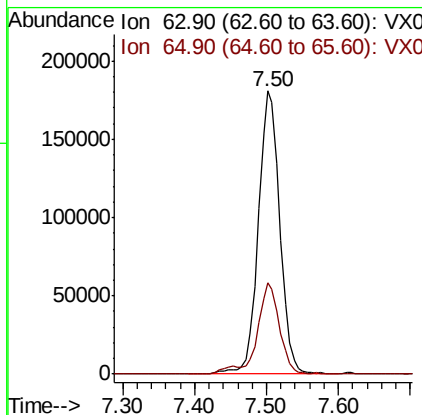
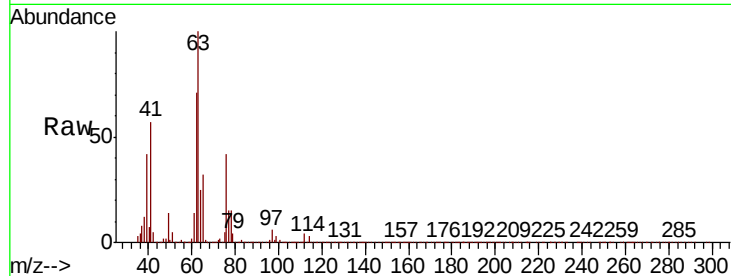
65 32.1 24.3 36.5

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#46

Dibromomethane

Concen: 49.485 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

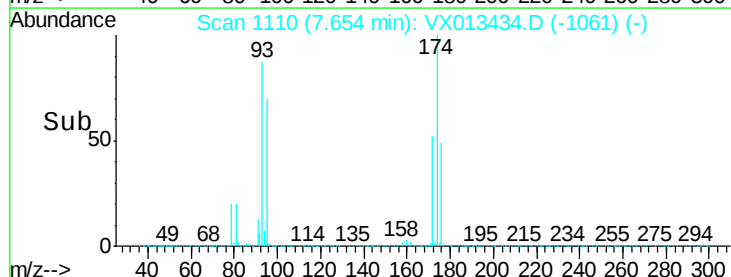
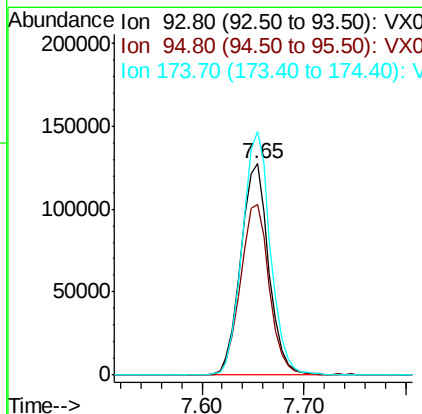
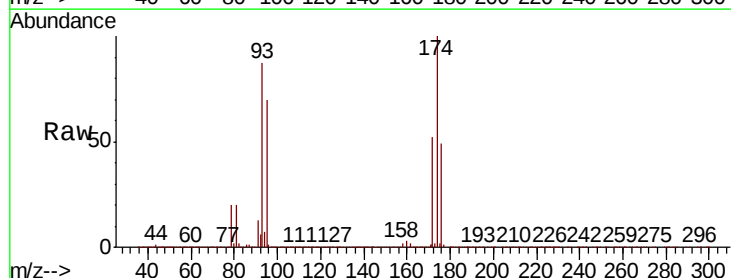
Tgt Ion: 93 Resp: 241996

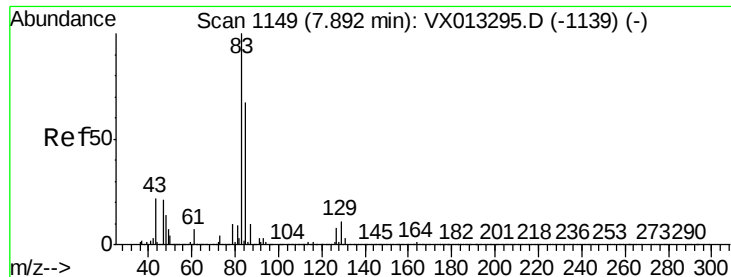
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 115.9 90.4 135.6





#47

Bromodichloromethane

Concen: 53.051 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

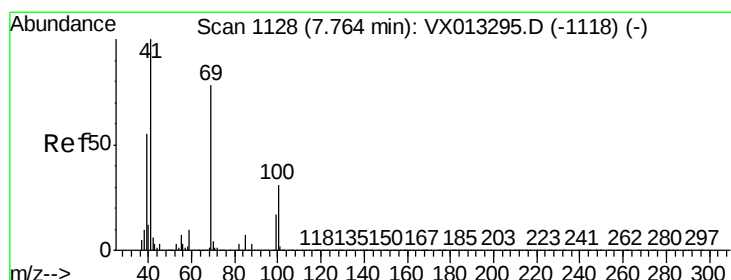
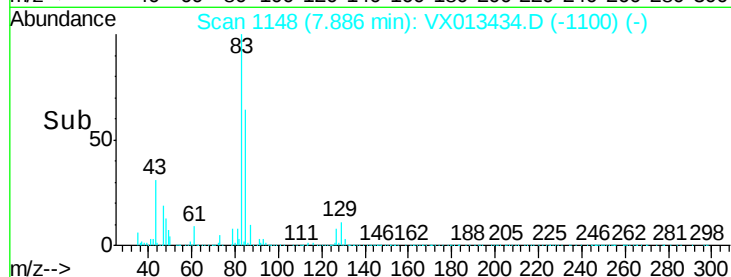
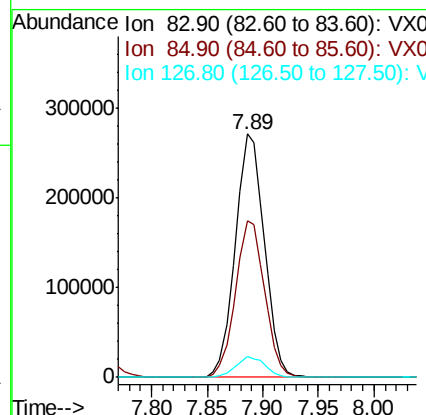
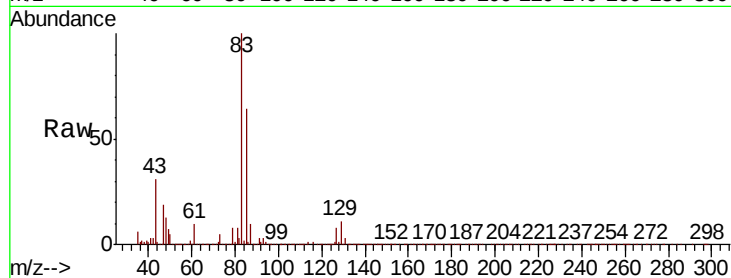
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	489216
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.472 ug/l

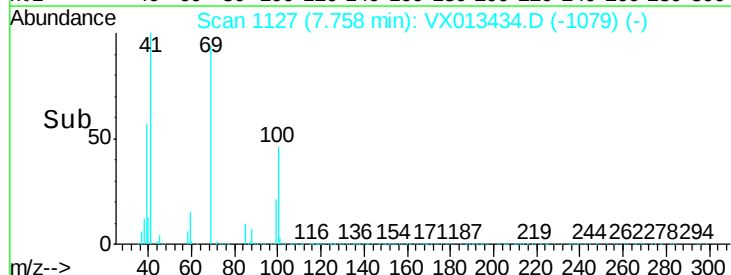
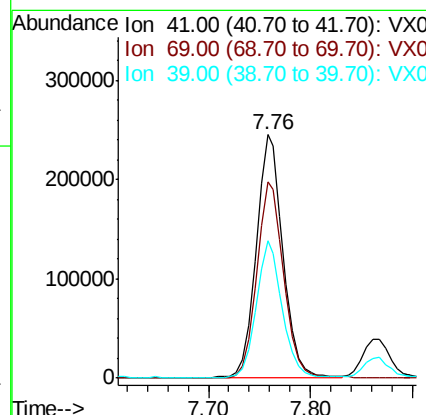
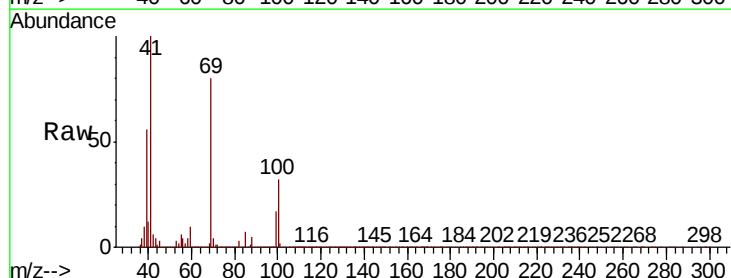
RT: 7.76 min Scan# 1127

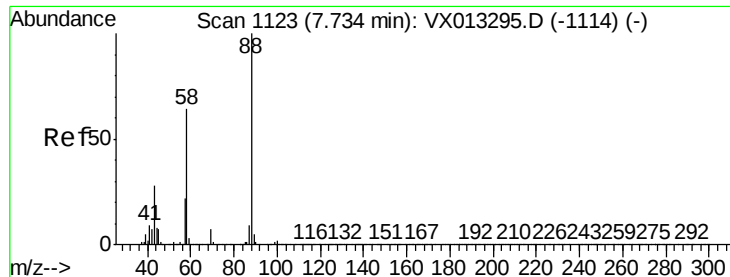
Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion	41	Resp	446145
Ion Ratio	Lower	Upper	
41	100		
69	81.7	63.0	94.6
39	54.7	45.9	68.9





#49

1,4-Dioxane

Concen: 882.999 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

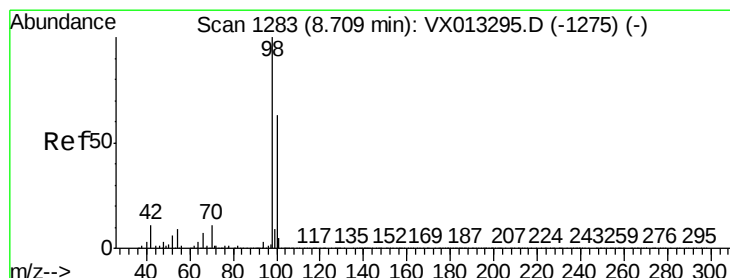
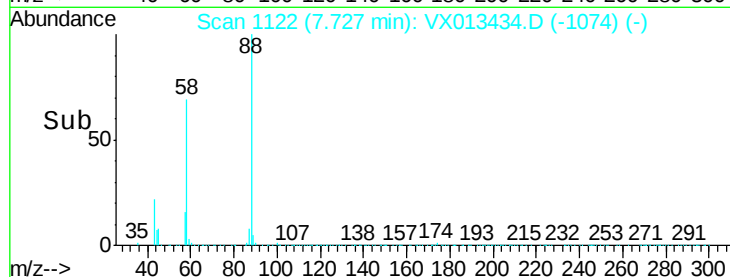
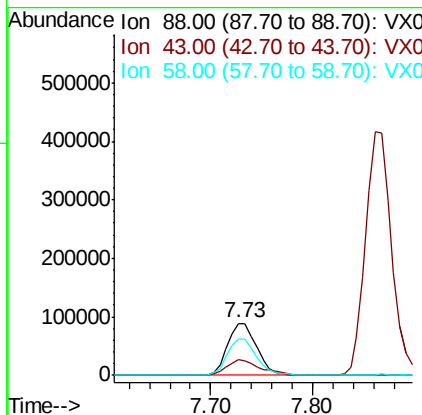
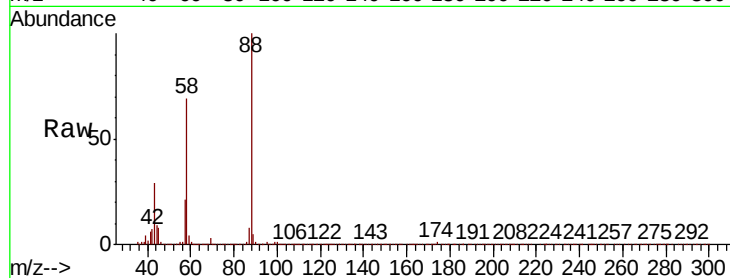
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	175277
Ion Ratio	Lower	Upper	
88	100		
43	33.1	26.6	39.8
58	70.1	55.0	82.6

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#50

Toluene-d8

Concen: 51.865 ug/l

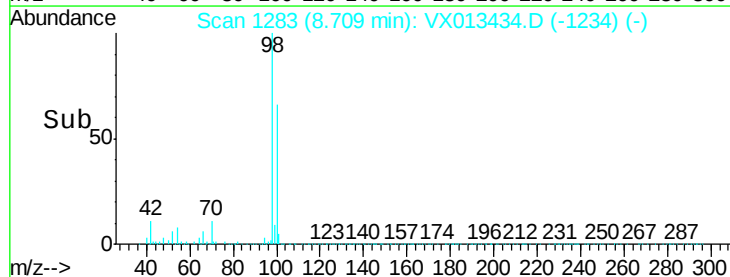
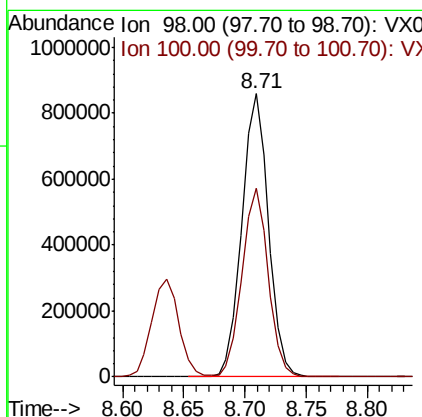
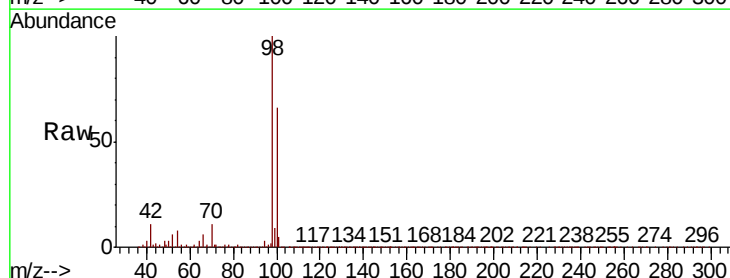
RT: 8.71 min Scan# 1283

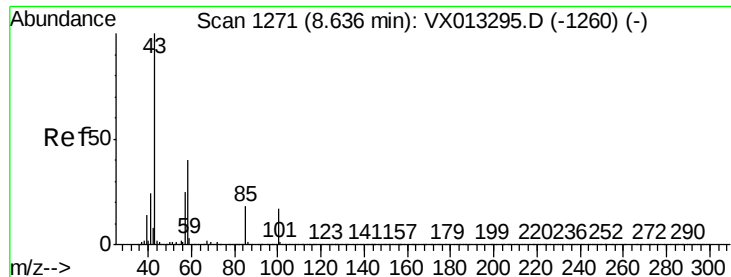
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	98	Resp:	1290047
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 247.803 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2823072

Ion Ratio Lower Upper

43 100

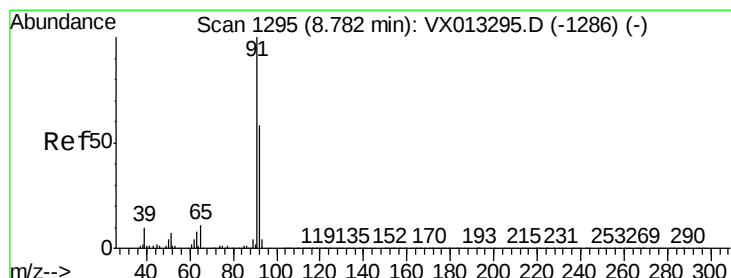
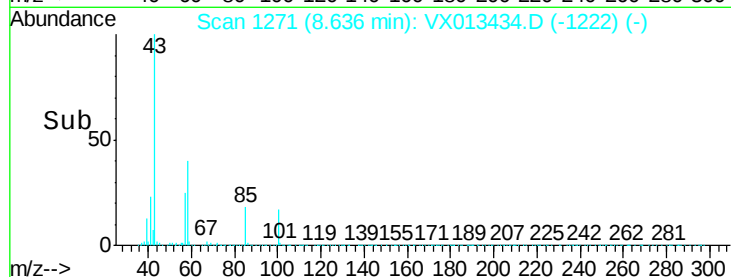
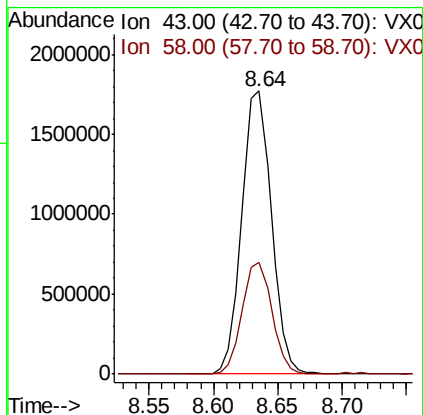
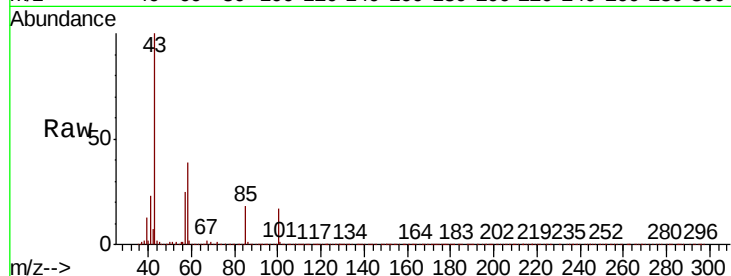
58 39.6 31.4 47.0

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#52

Toluene

Concen: 51.667 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013434.D

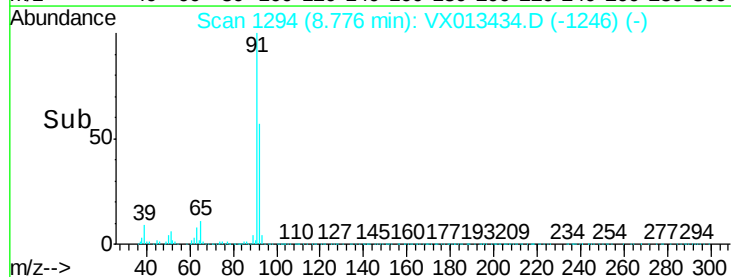
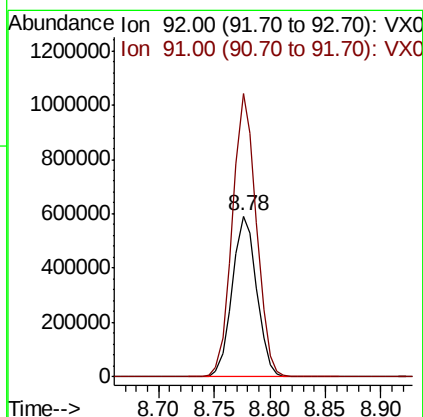
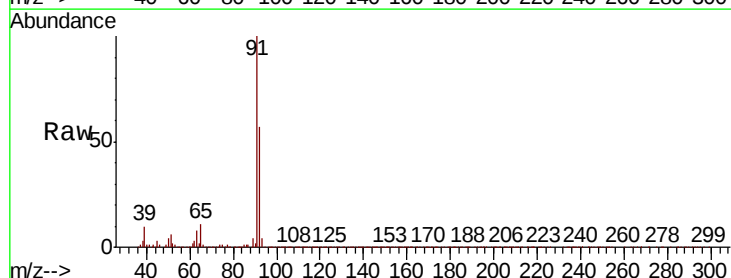
Acq: 15 Nov 2019 10:07

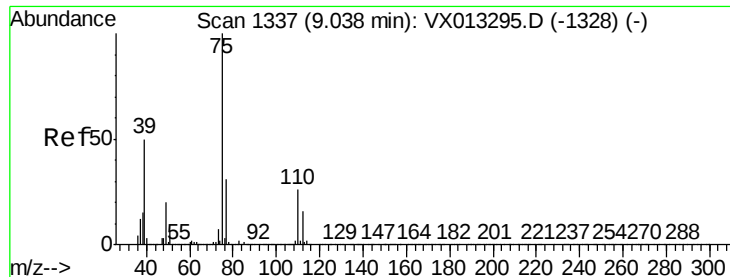
Tgt Ion: 92 Resp: 900173

Ion Ratio Lower Upper

92 100

91 173.0 138.0 207.0





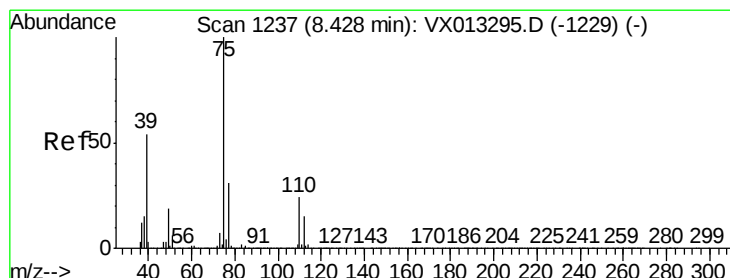
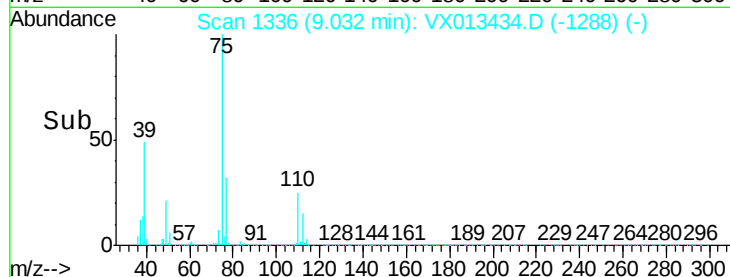
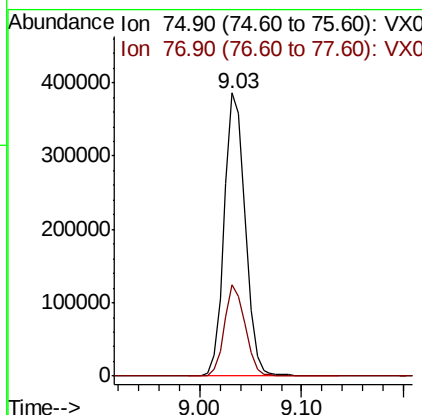
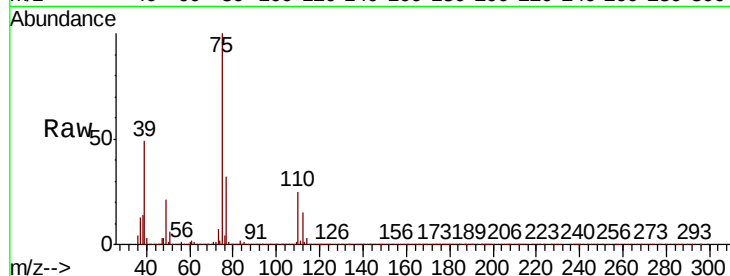
#53
t-1,3-Dichloropropene
Concen: 54.617 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.4

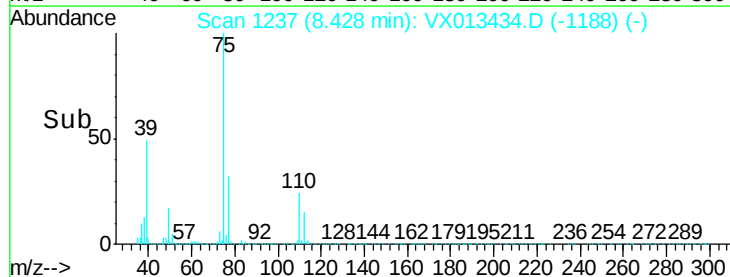
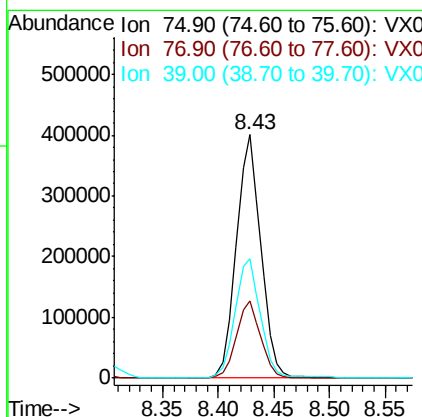
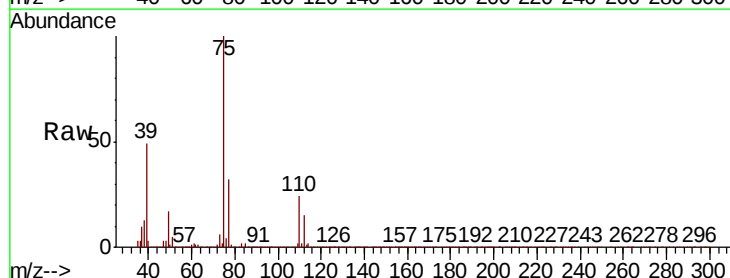
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#54
cis-1,3-Dichloropropene
Concen: 53.884 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	48.9	43.0	64.6





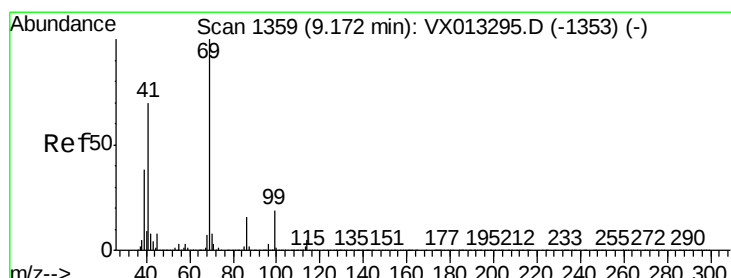
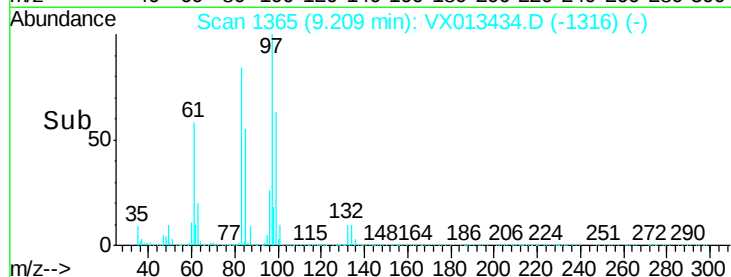
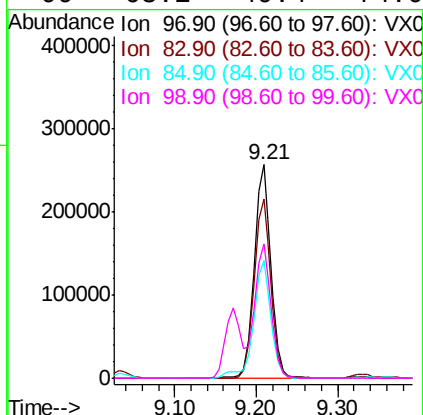
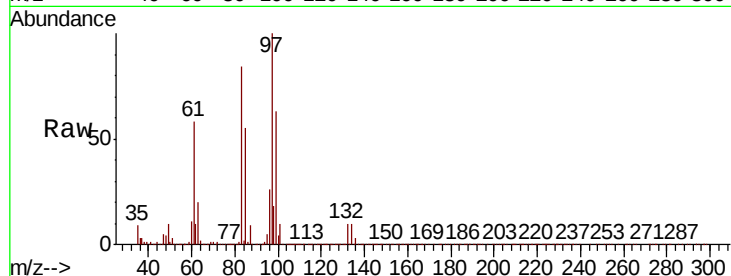
#55
 1,1,2-Trichloroethane
 Concen: 51.194 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.6	103.0
85	55.3	43.1	64.7
99	63.1	49.4	74.0

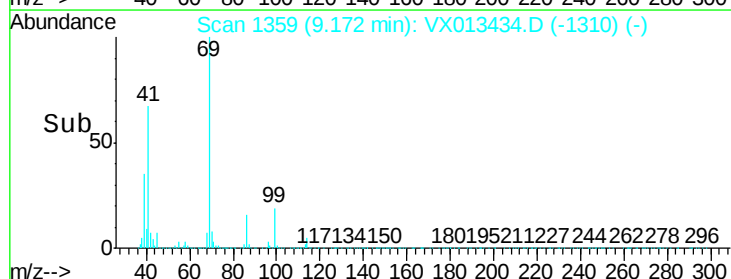
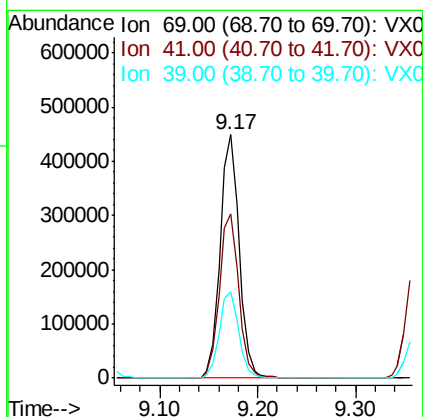
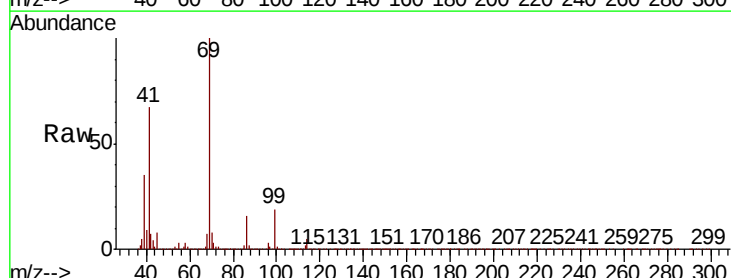
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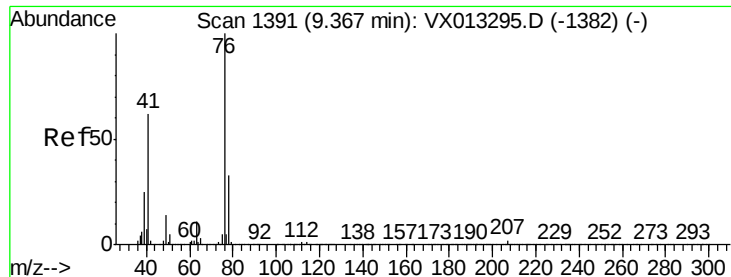
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#56
 Ethyl methacrylate
 Concen: 49.035 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.2	84.2
39	35.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.131 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 626808

Ion Ratio Lower Upper

76 100

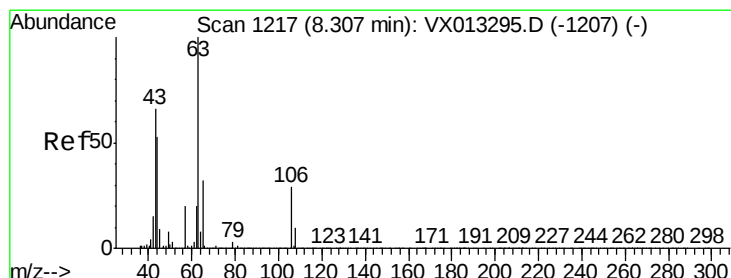
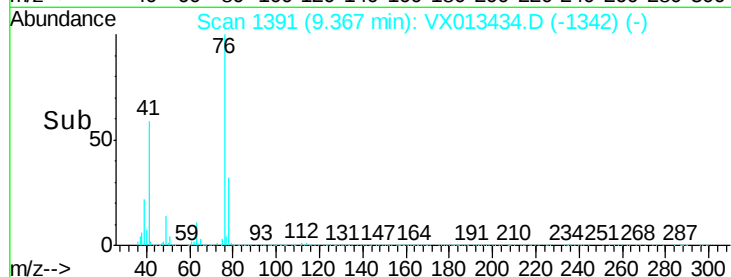
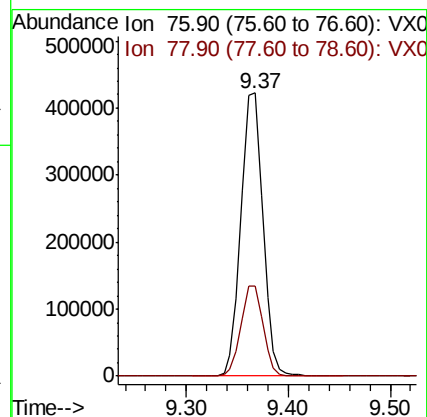
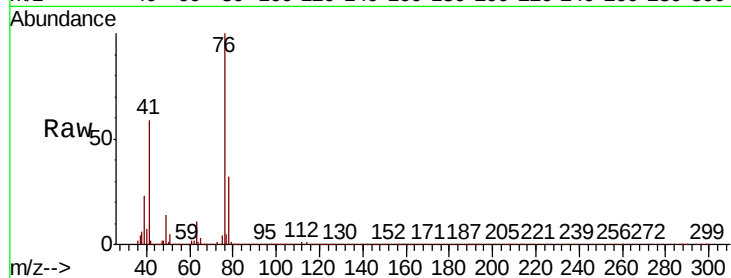
78 32.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 297.341 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013434.D

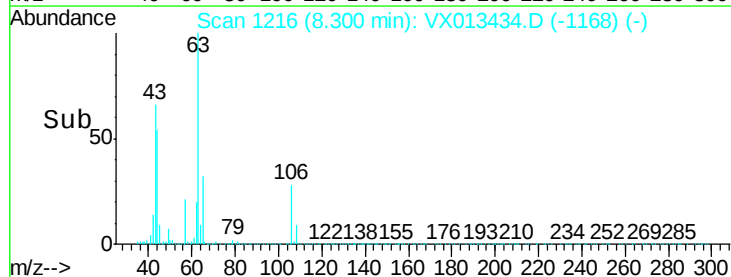
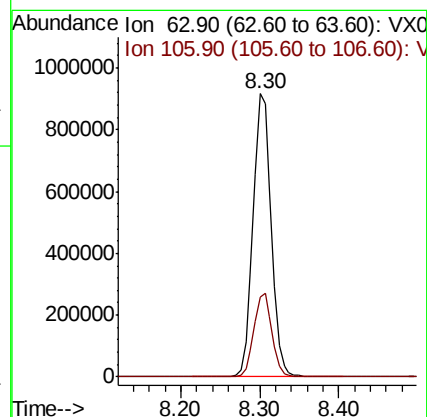
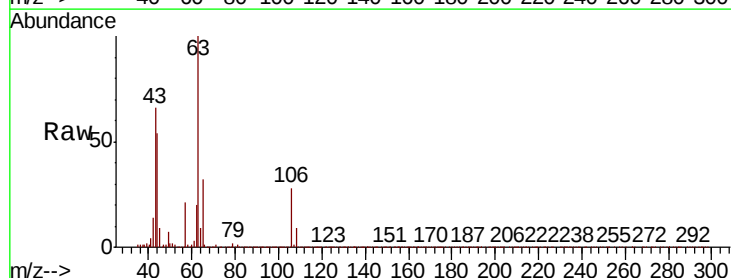
Acq: 15 Nov 2019 10:07

Tgt Ion: 63 Resp: 1468188

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





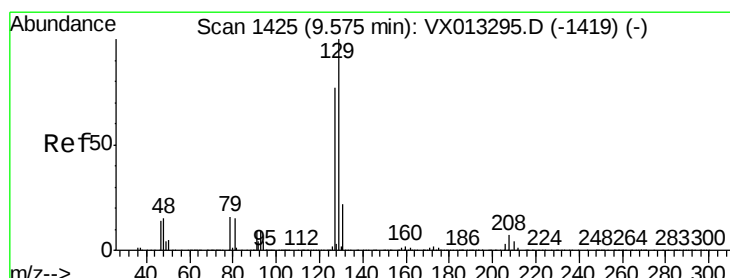
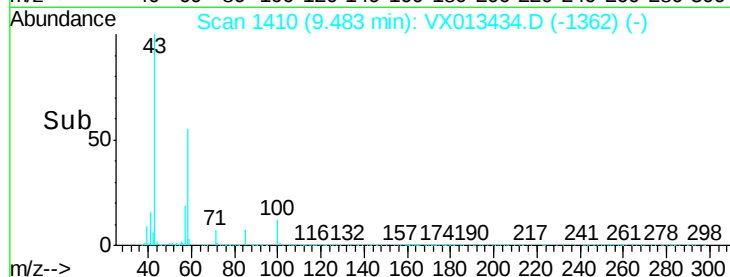
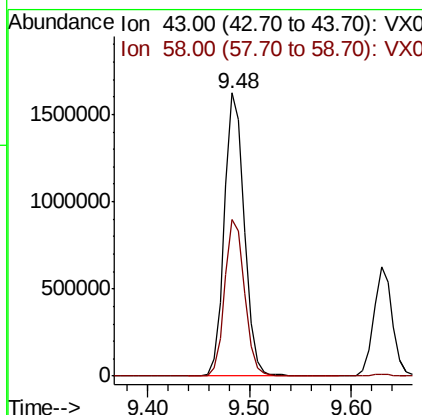
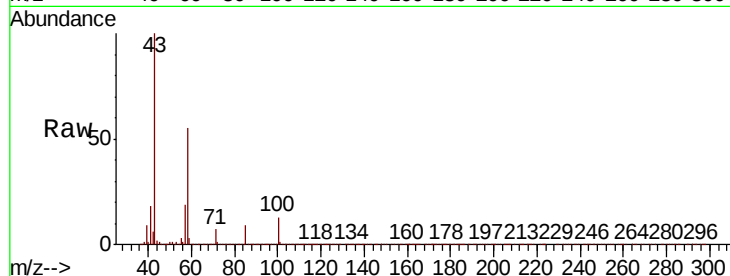
#59
2-Hexanone
Concen: 249.519 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2196708
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8

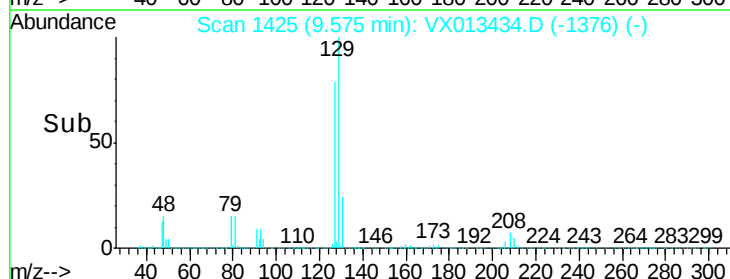
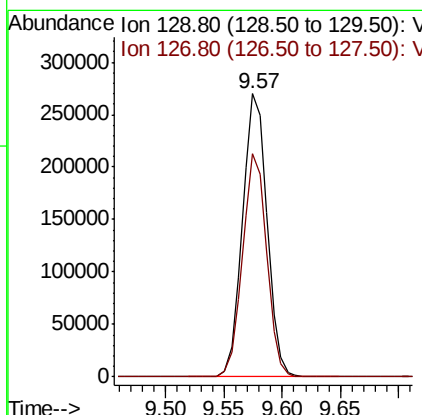
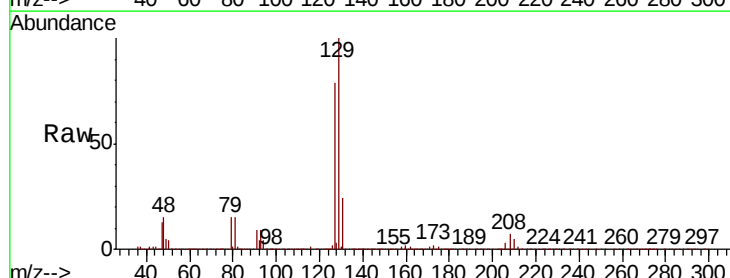
Manual Integrations
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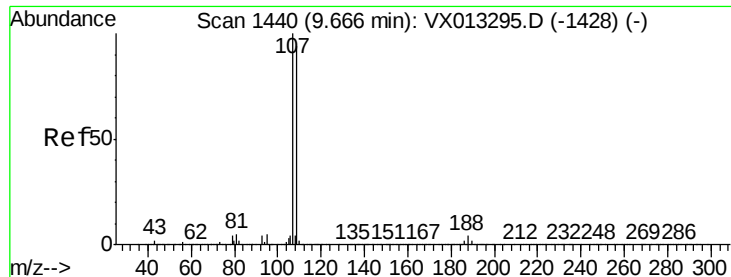
MMDadoda
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#60
Dibromochloromethane
Concen: 53.900 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion: 129 Resp: 398085
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





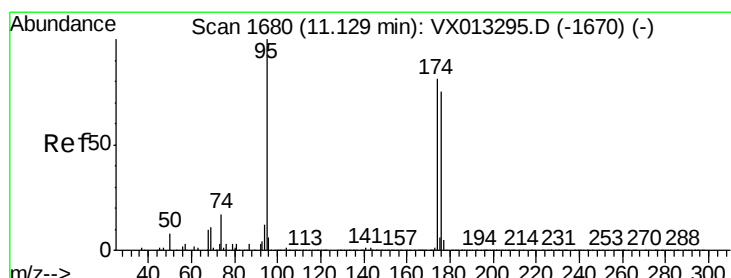
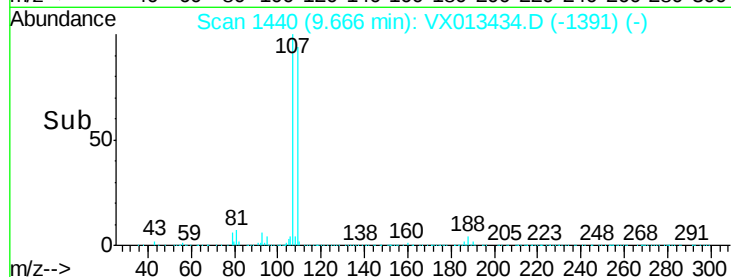
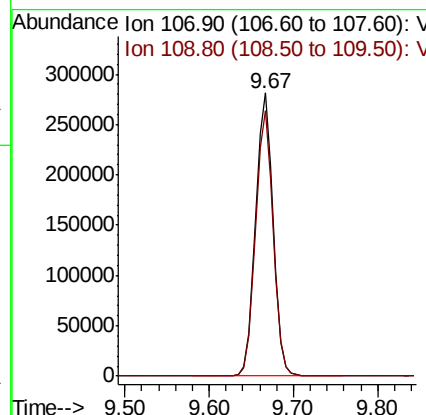
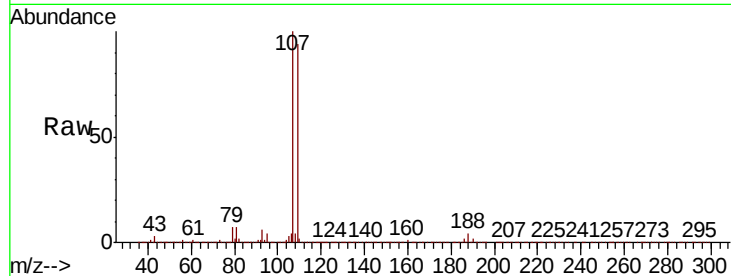
#61
 1,2-Dibromoethane
 Concen: 50.865 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.1	112.7

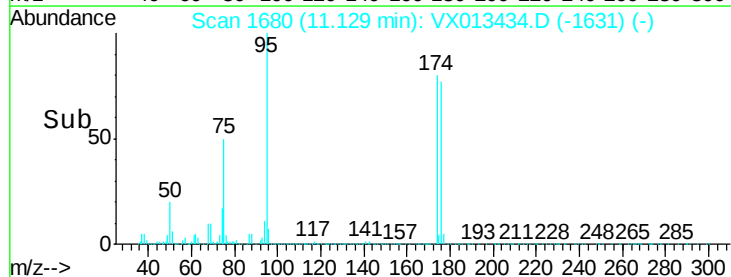
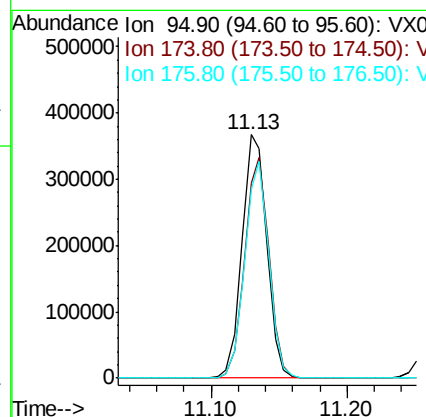
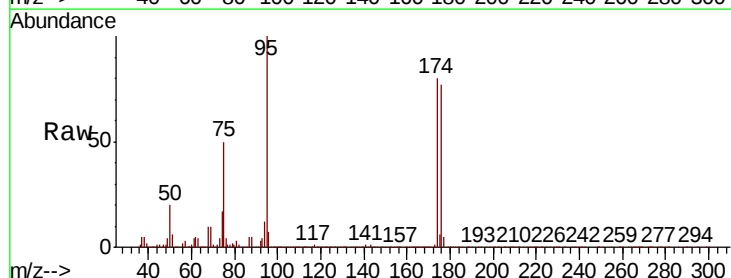
Manual Integrations
 APPROVED

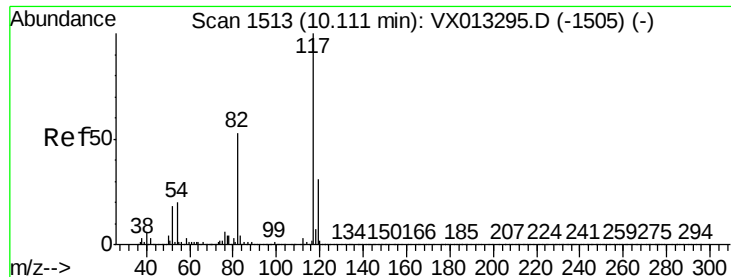
MMDadoda
 11/18/2019 10:24:07 AM



#62
 4-Bromofluorobenzene
 Concen: 51.665 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	179.8
176	86.6	0.0	173.0





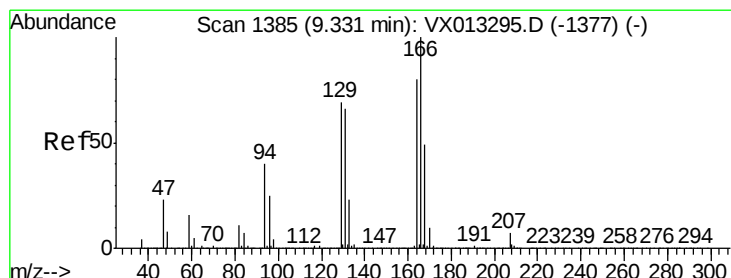
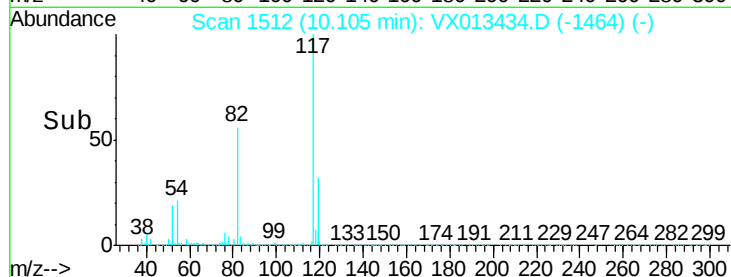
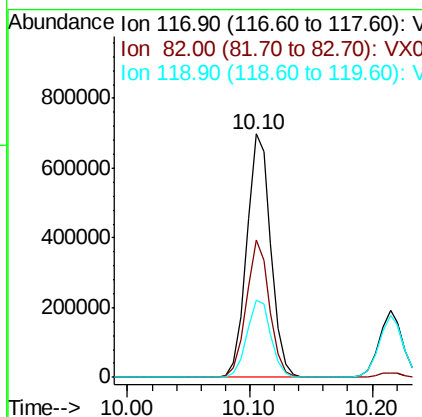
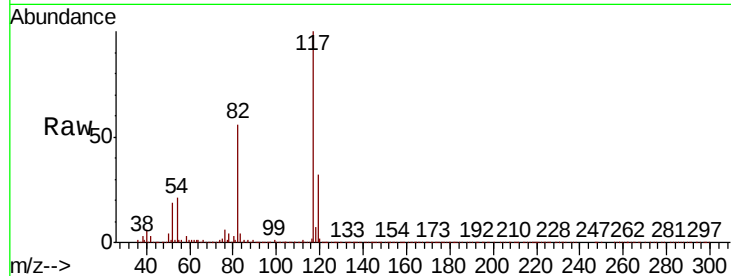
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	951024		
82	56.1	42.6	64.0	
119	31.9	24.8	37.2	

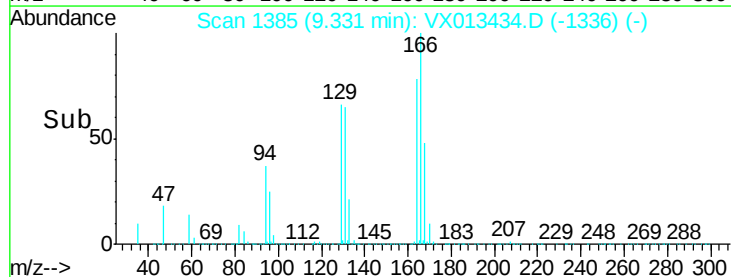
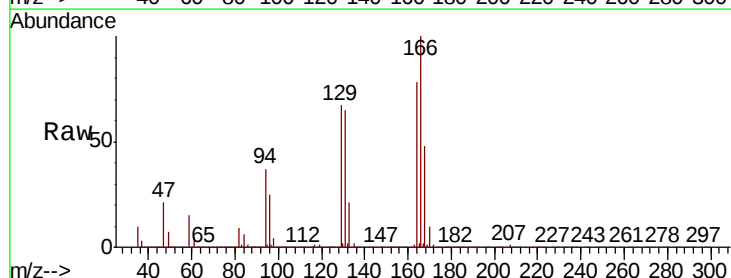
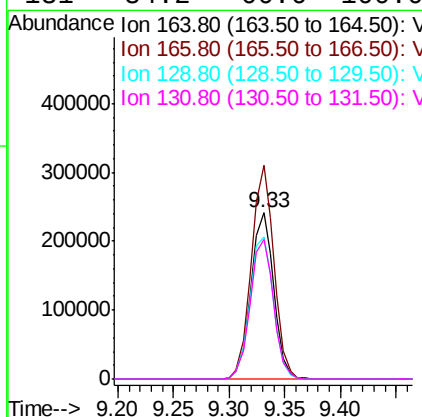
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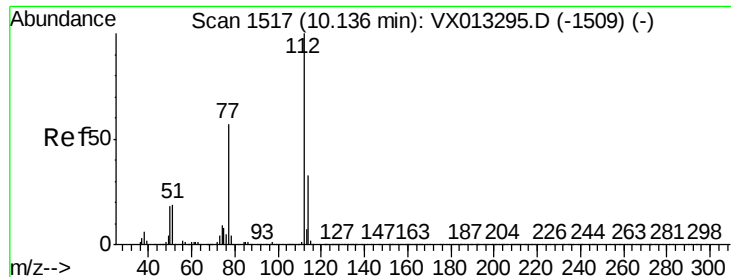
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#64
Tetrachloroethene
Concen: 50.455 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	343502		
166	128.8	100.4	150.6	
129	85.6	69.4	104.2	
131	84.2	66.6	100.0	





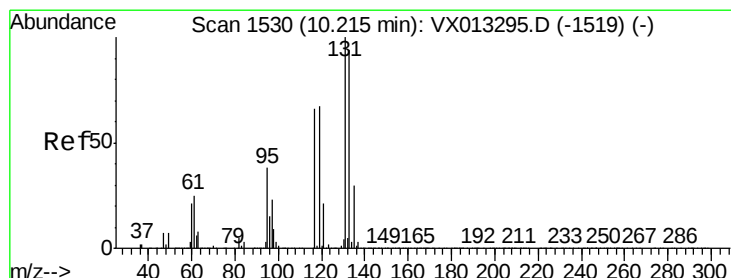
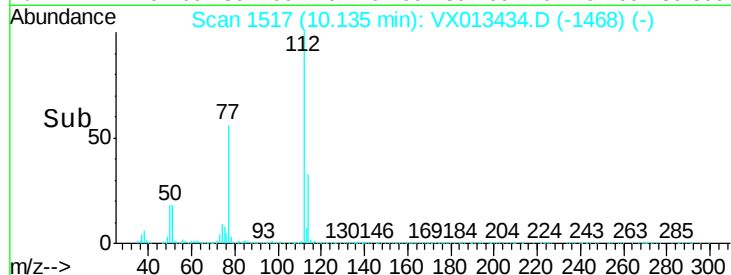
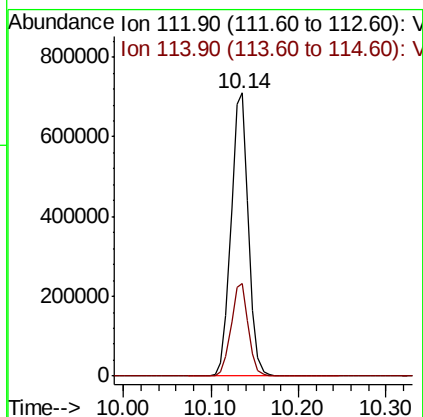
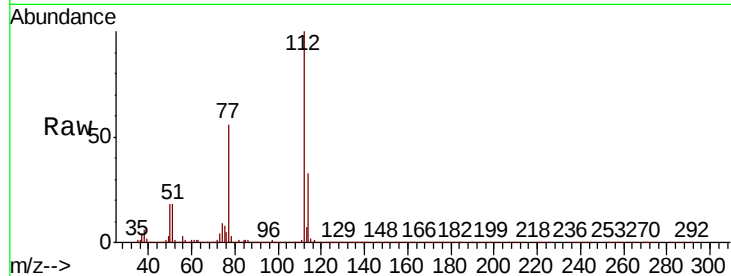
#65
Chlorobenzene
Concen: 50.821 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.4	39.6

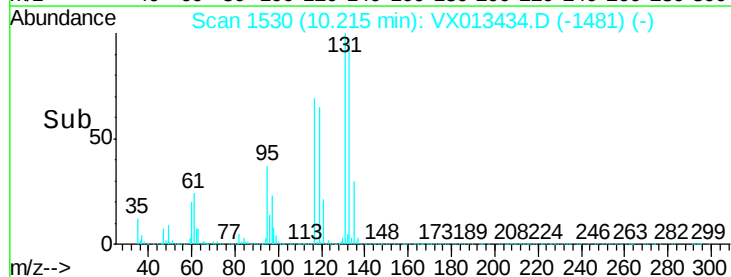
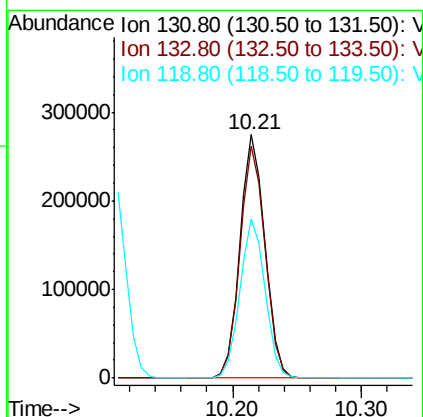
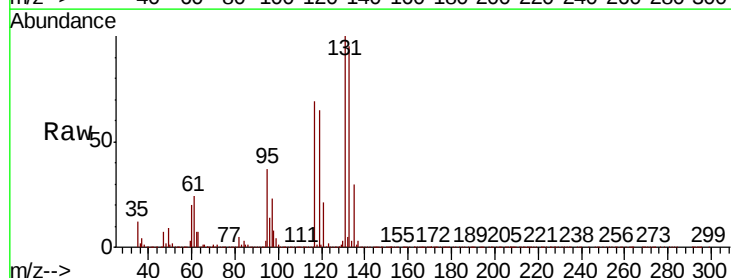
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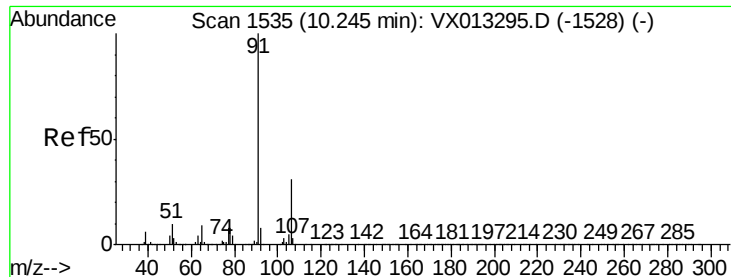
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.891 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.0	144.0
119	65.7	33.0	99.0





#67

Ethyl Benzene

Concen: 52.362 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1740005

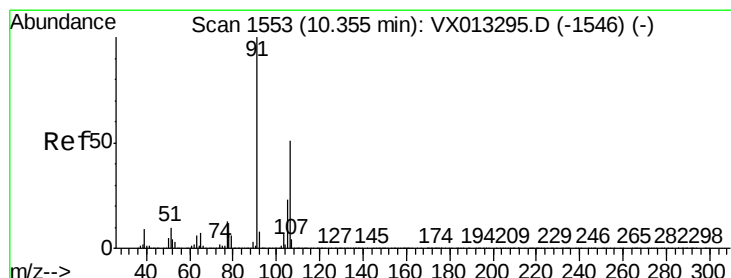
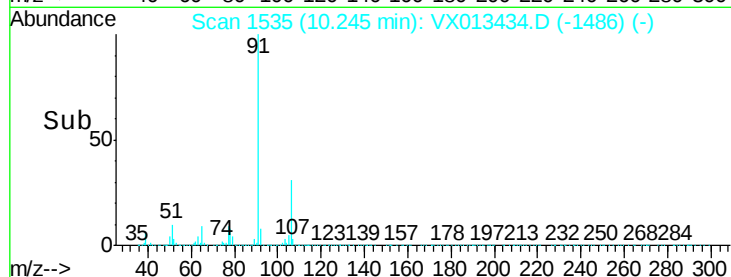
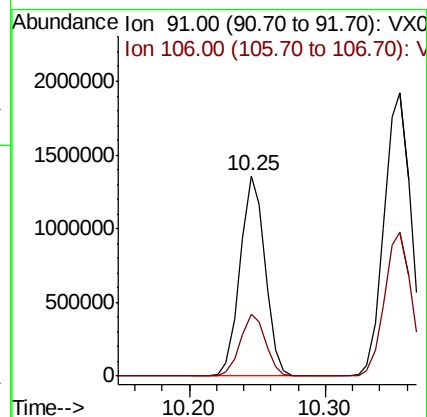
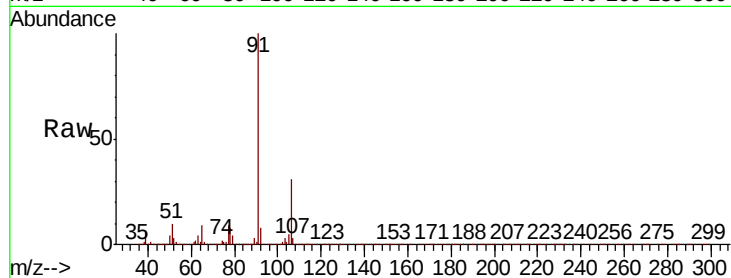
Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 106.343 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013434.D

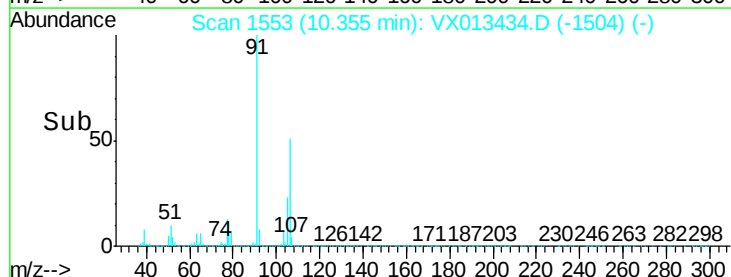
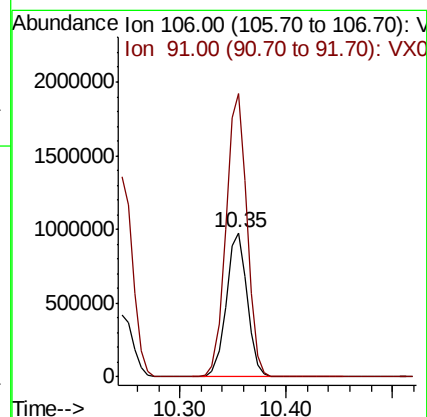
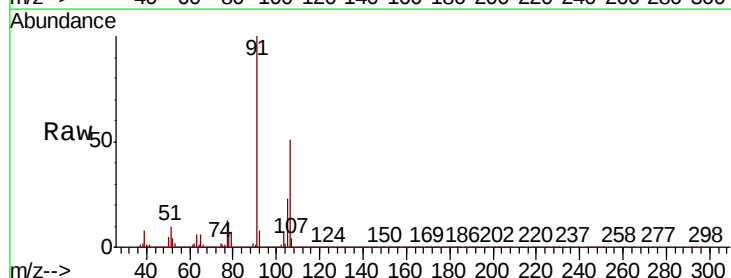
Acq: 15 Nov 2019 10:07

Tgt Ion: 106 Resp: 1336452

Ion Ratio Lower Upper

106 100

91 197.0 159.3 238.9





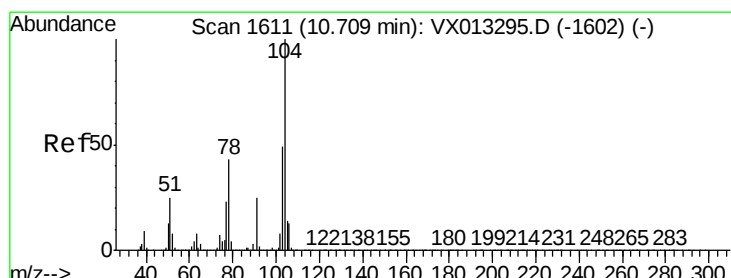
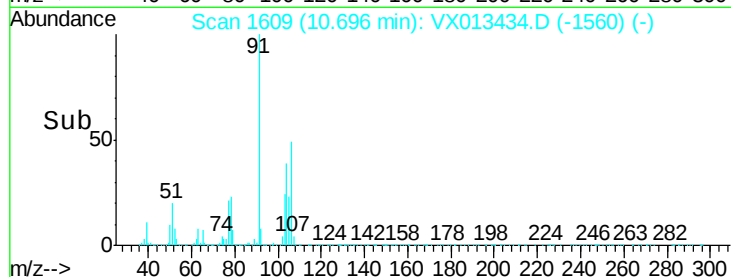
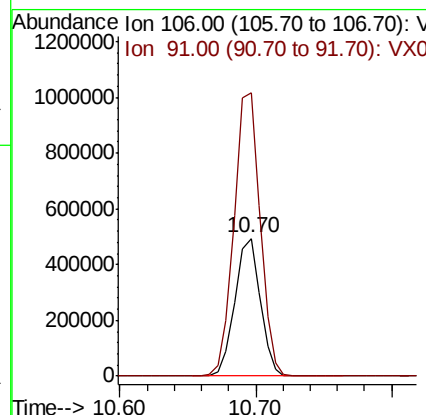
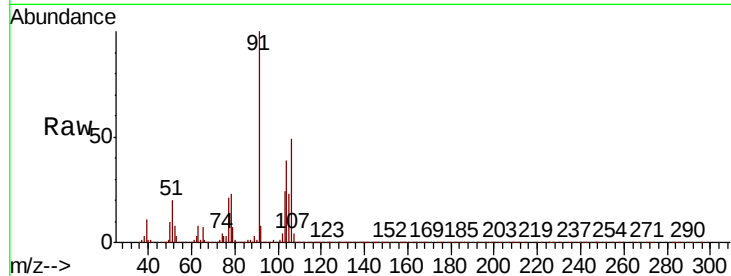
#69
o-Xylene
Concen: 52.202 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 642281
Ion Ratio Lower Upper
106 100
91 211.4 105.7 317.0

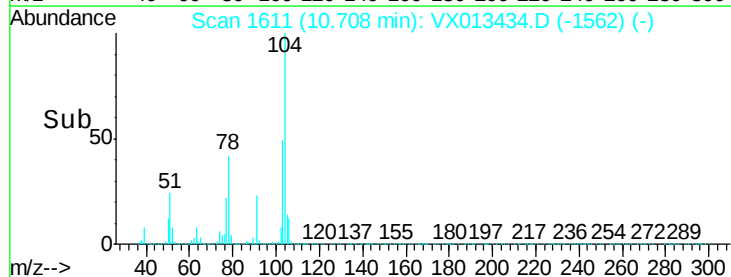
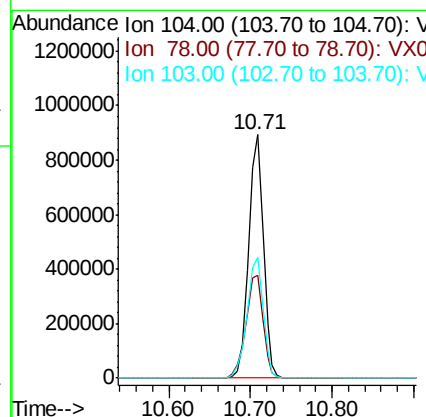
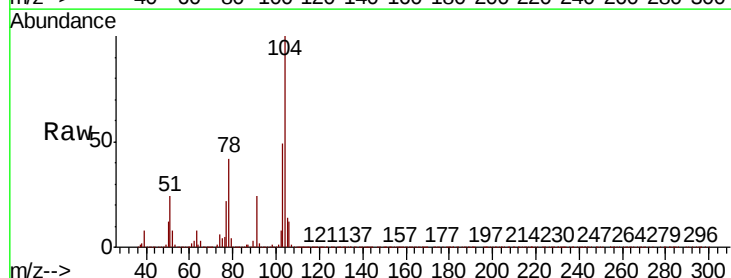
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#70
Styrene
Concen: 54.184 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion:104 Resp: 1114422
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.5 44.1 66.1





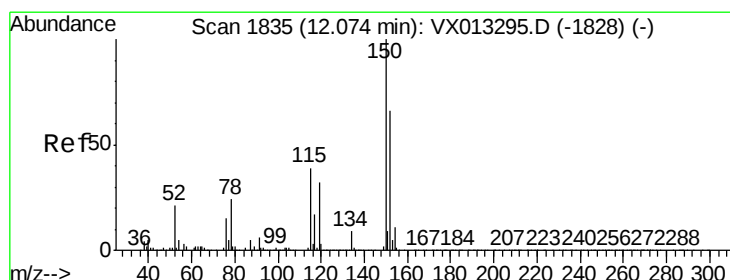
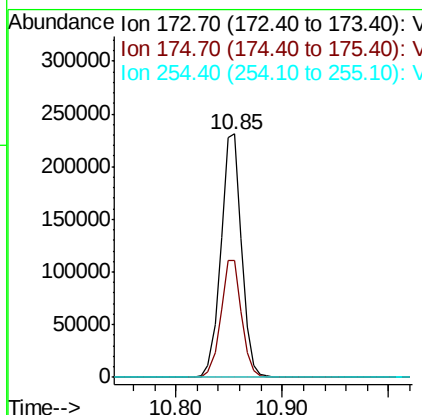
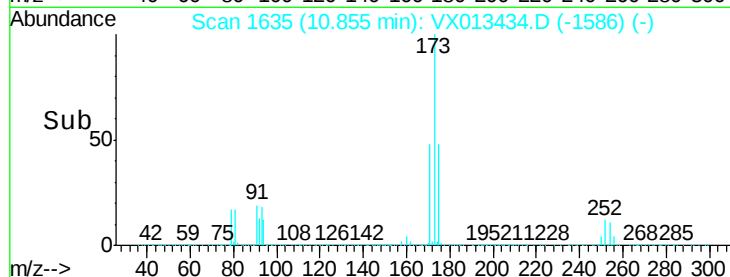
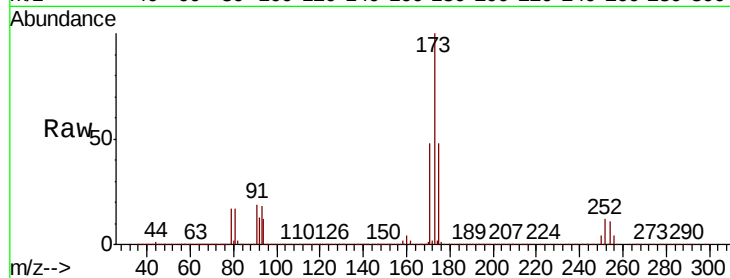
#71
Bromoform
Concen: 47.770 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.8	74.4
254	0.2	0.2	0.2

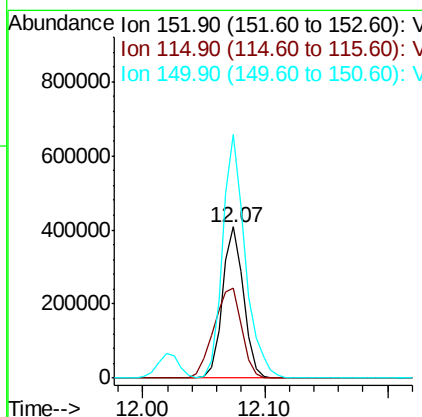
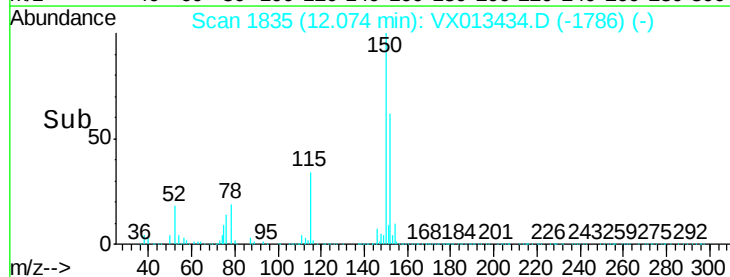
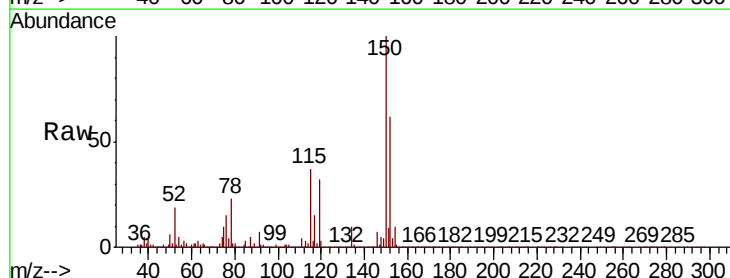
Manual Integrations
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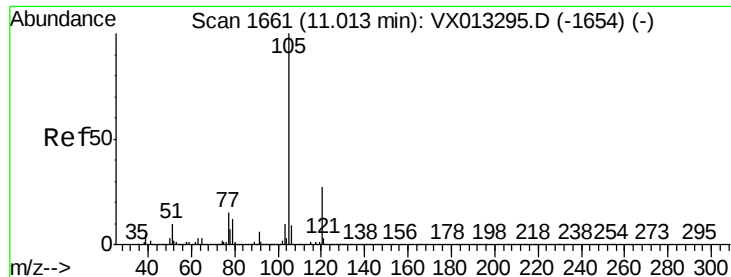
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.9	39.5	118.3
150	174.8	0.0	344.4





#73

Isopropylbenzene

Concen: 54.095 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1727259

Ion Ratio Lower Upper

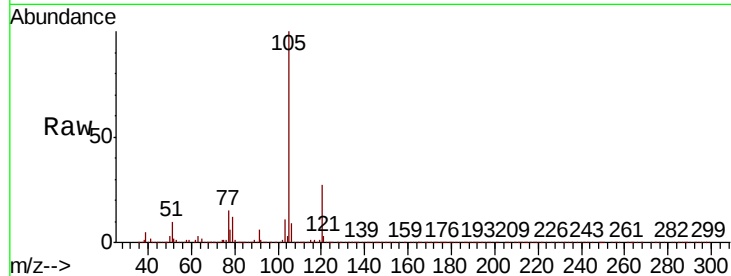
105 100

120 26.9 13.5 40.5

Manual Integrations
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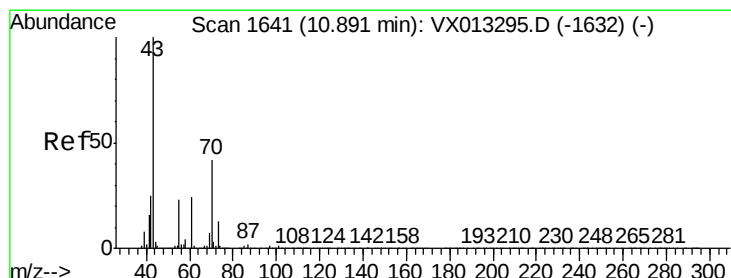
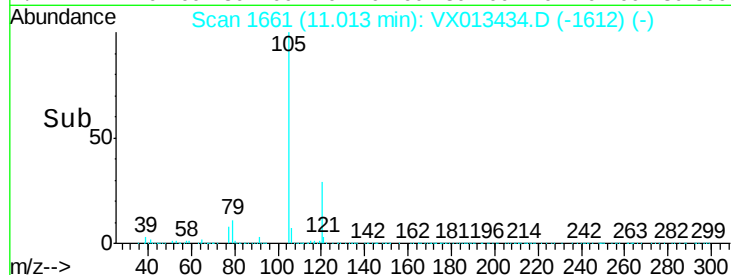
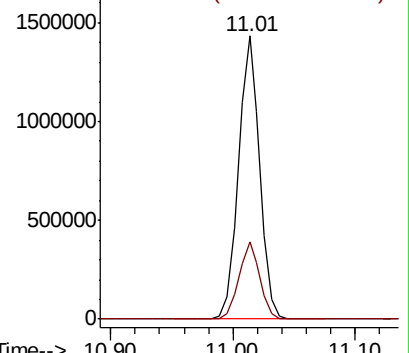
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.787 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion: 43 Resp: 796410

Ion Ratio Lower Upper

43 100

70 43.7 34.1 51.1

55 24.0 18.9 28.3

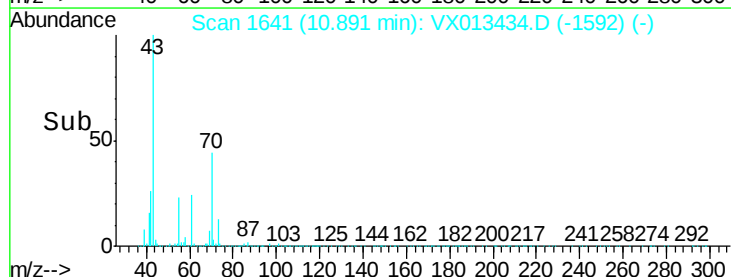
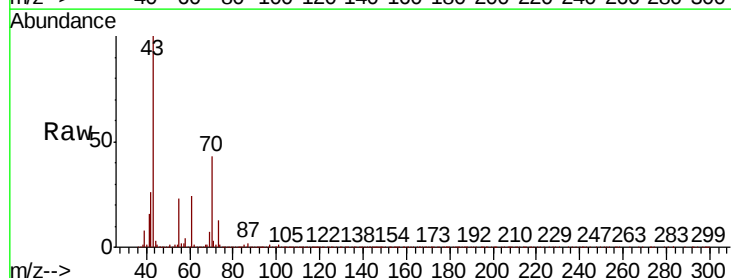
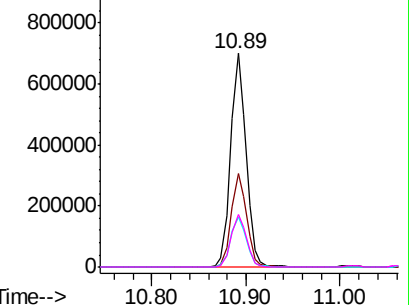
61 24.8 19.2 28.8

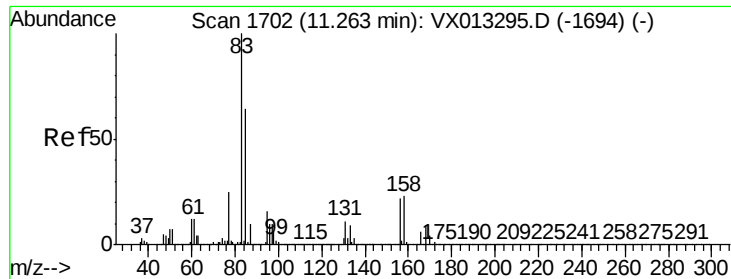
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.574 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

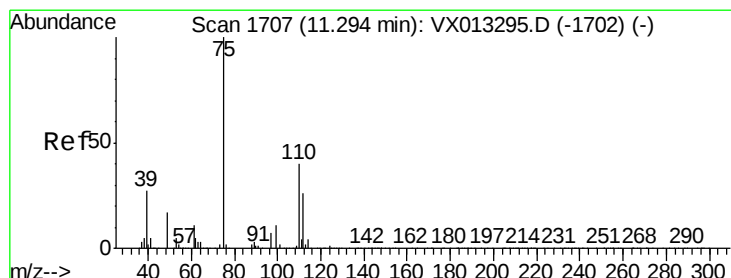
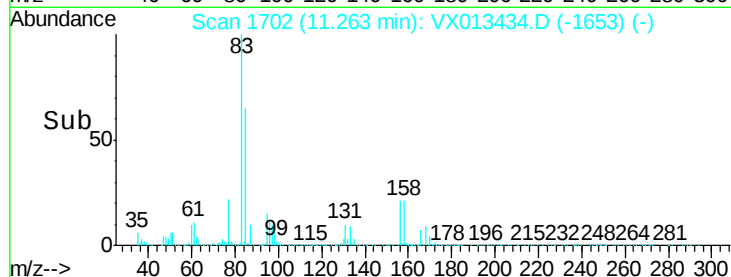
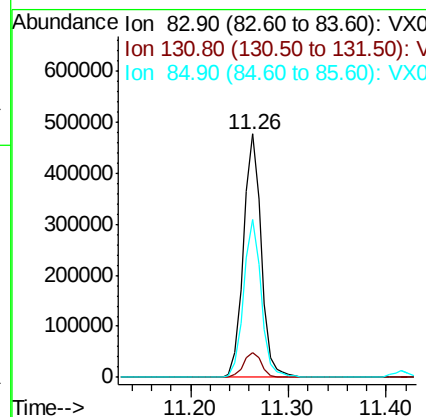
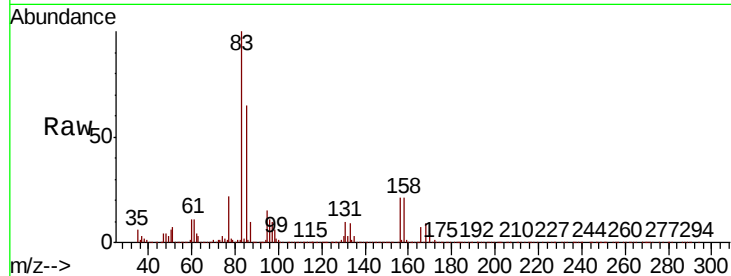
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	600766
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	64.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.239 ug/l m

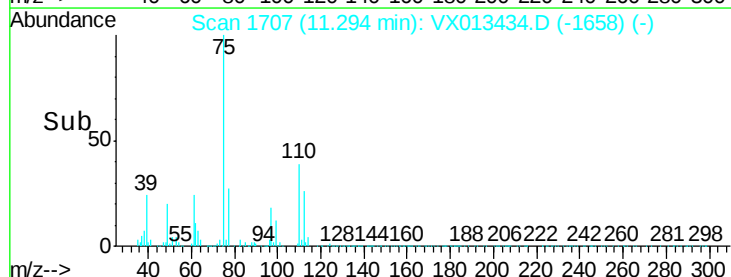
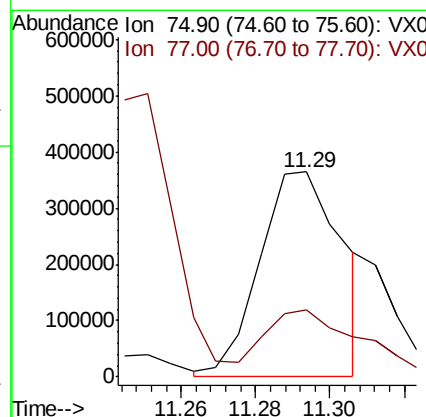
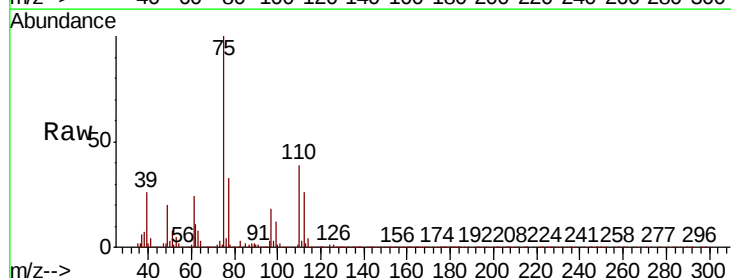
RT: 11.29 min Scan# 1707

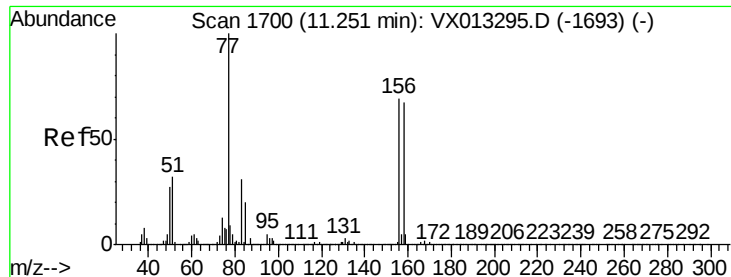
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	75	Resp:	559899
Ion Ratio	Lower	Upper	
75	100		
77	37.9	22.3	66.8





#77

Bromobenzene

Concen: 52.564 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

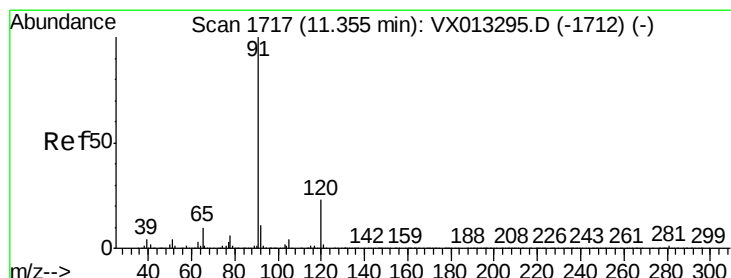
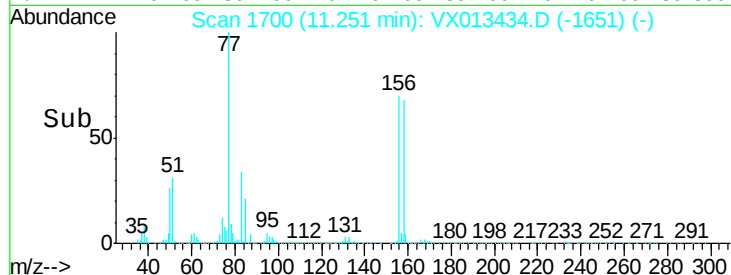
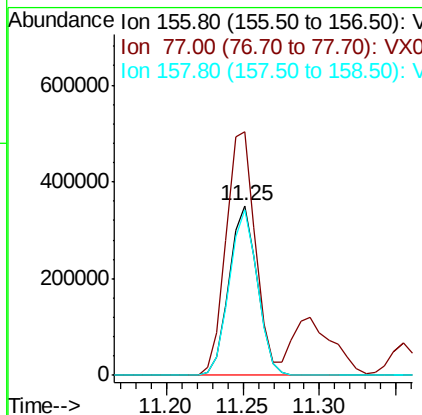
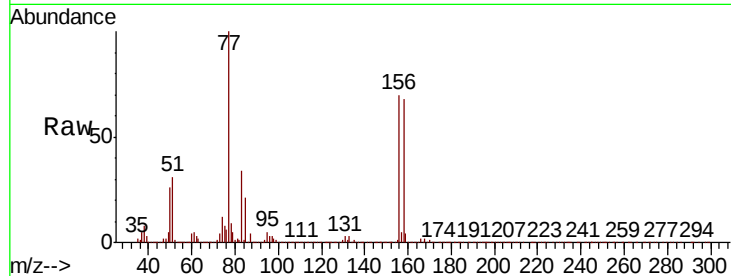
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.2	75.8	227.4
158	97.3	47.6	142.8

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#78

n-propylbenzene

Concen: 55.726 ug/l

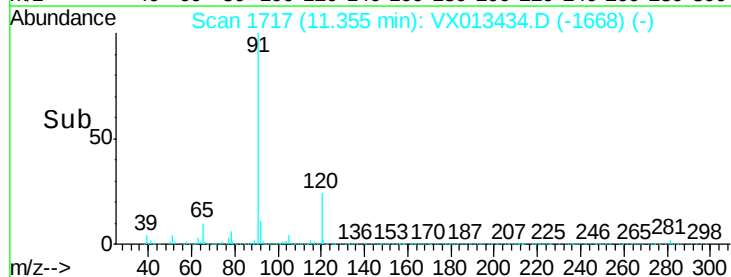
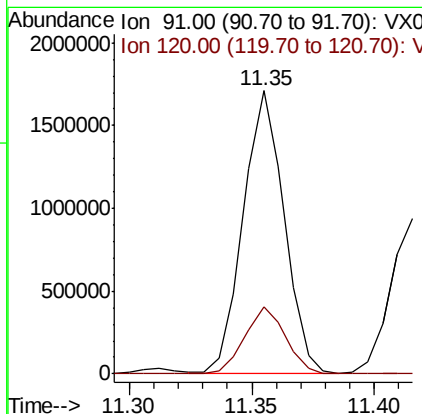
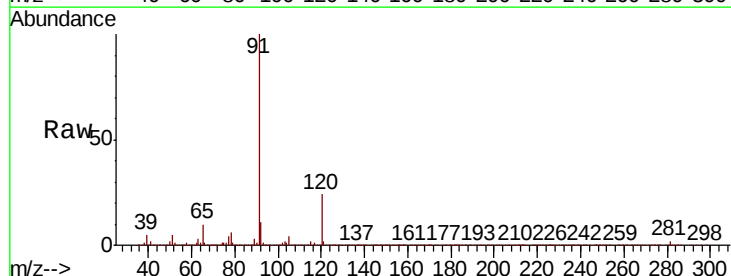
RT: 11.35 min Scan# 1717

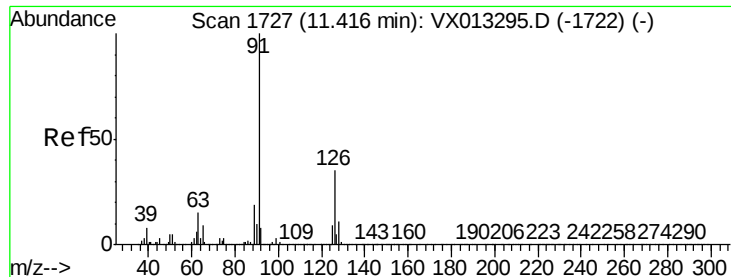
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.6	34.8





#79

2-Chlorotoluene

Concen: 53.718 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1151177

Ion Ratio Lower Upper

91 100

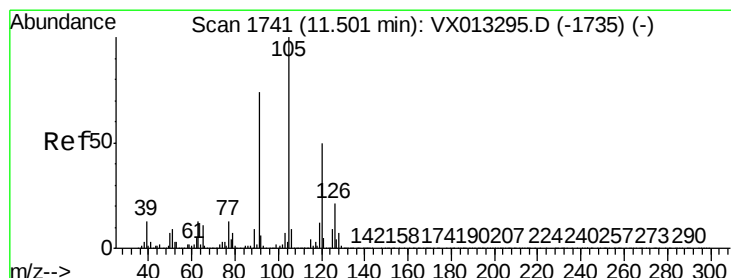
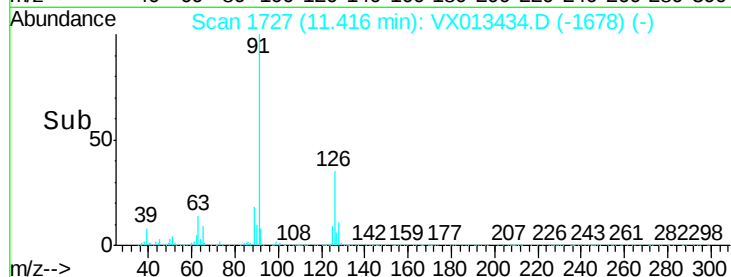
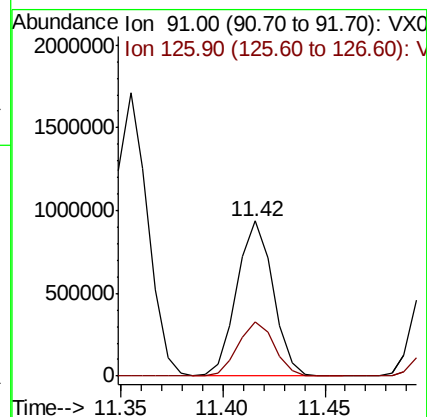
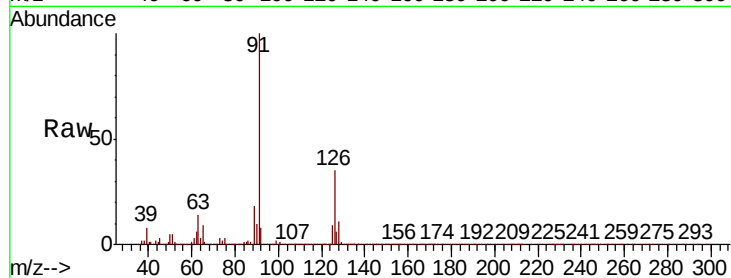
126 35.0 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 54.369 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013434.D

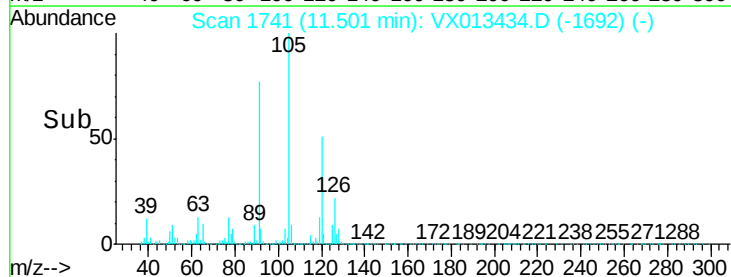
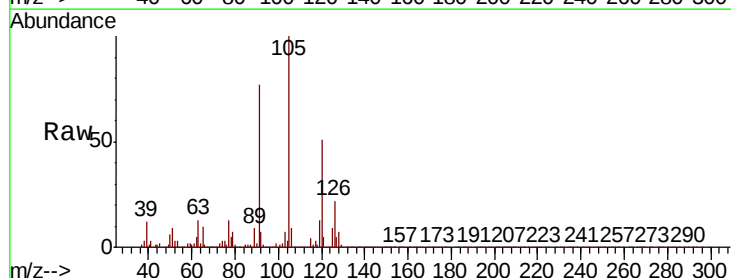
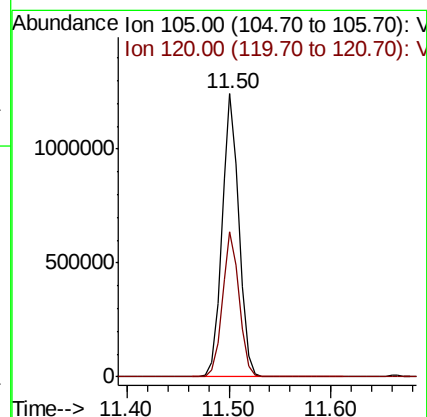
Acq: 15 Nov 2019 10:07

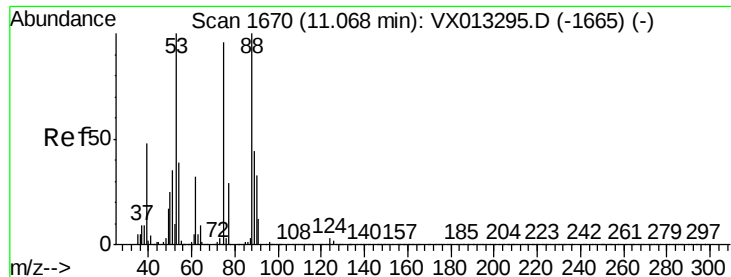
Tgt Ion: 105 Resp: 1445996

Ion Ratio Lower Upper

105 100

120 50.9 24.9 74.8





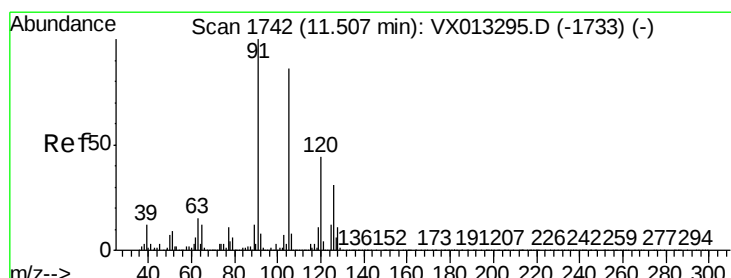
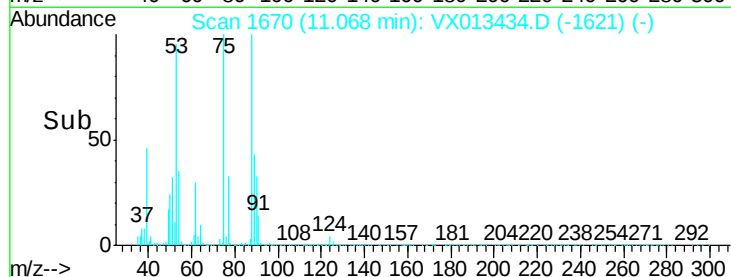
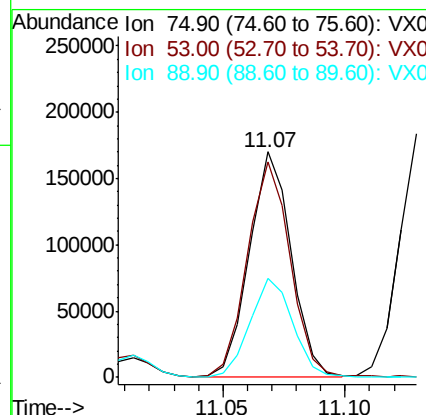
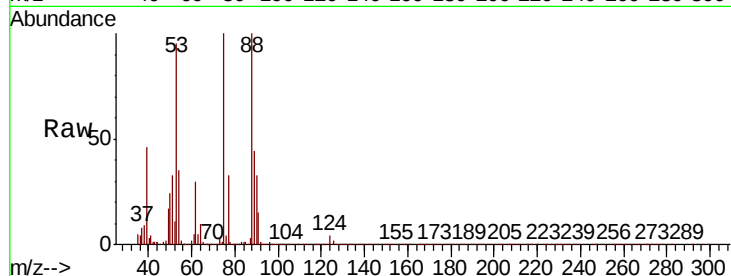
#81
trans-1,4-Dichloro-2-butene
Concen: 53.119 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	81.0	121.6
89	45.1	36.0	54.0

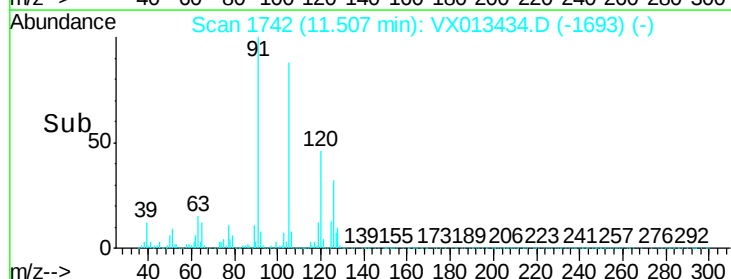
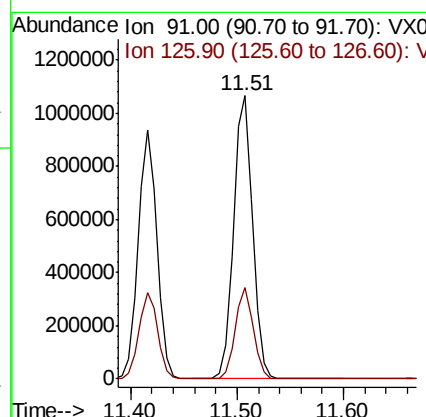
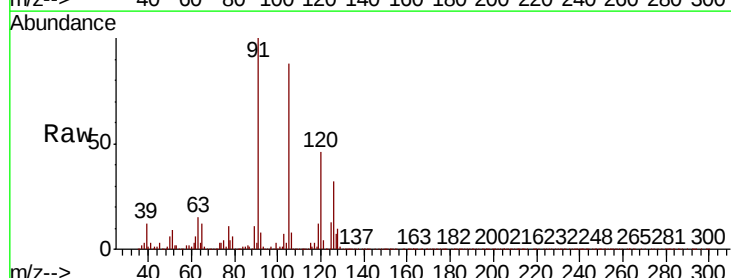
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#82
4-Chlorotoluene
Concen: 53.199 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





#83

tert-Butylbenzene

Concen: 54.645 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

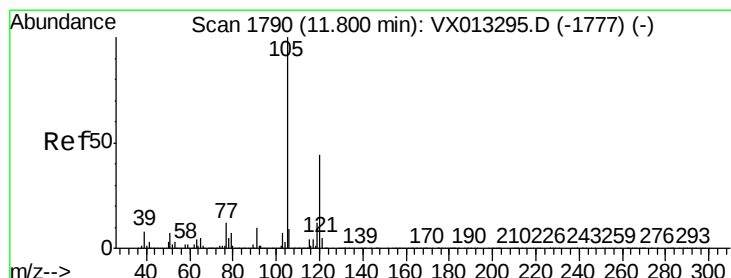
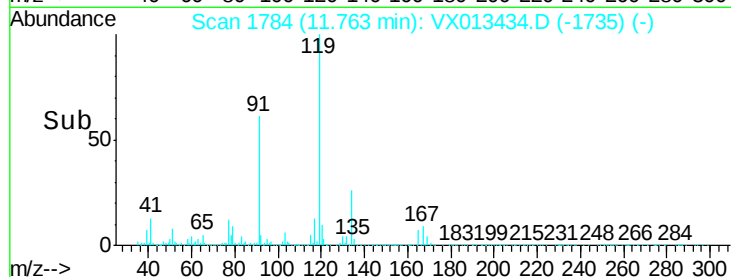
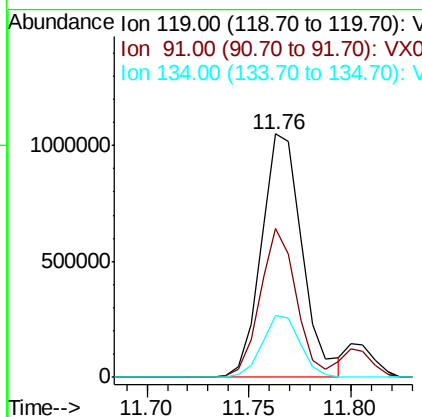
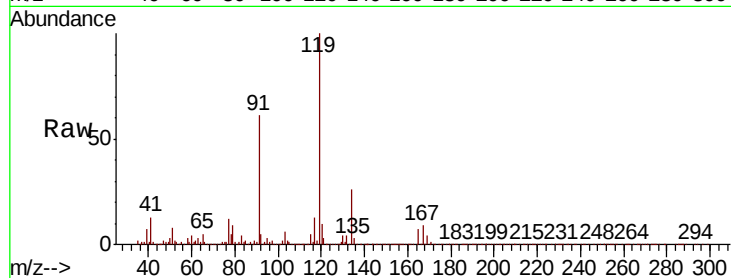
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1463004
Ion	Ratio	Lower	Upper
119	100		
91	54.3	26.9	80.7
134	23.9	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 54.851 ug/l

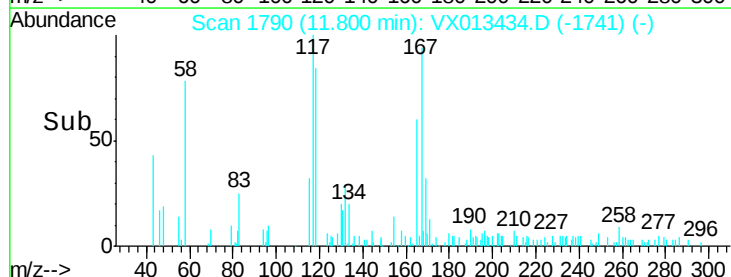
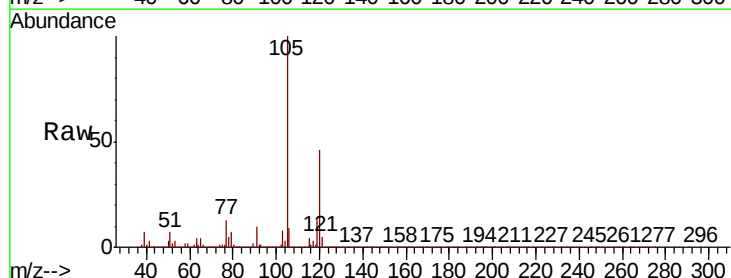
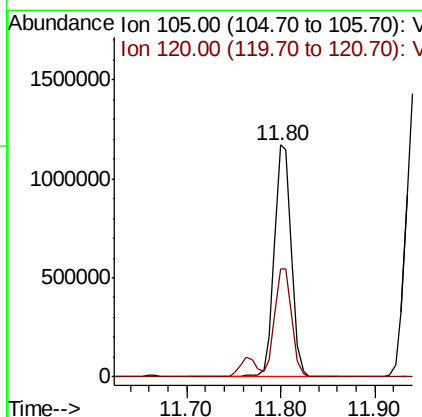
RT: 11.80 min Scan# 1790

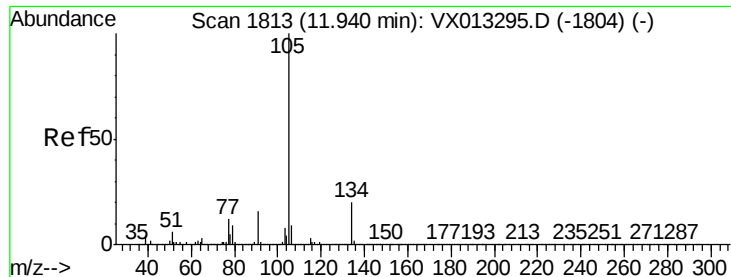
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	105	Resp:	1463405
Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 55.577 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1710099

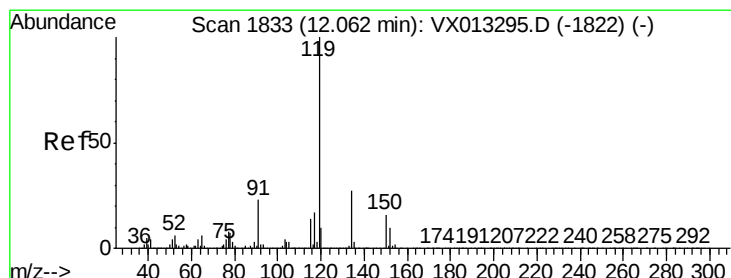
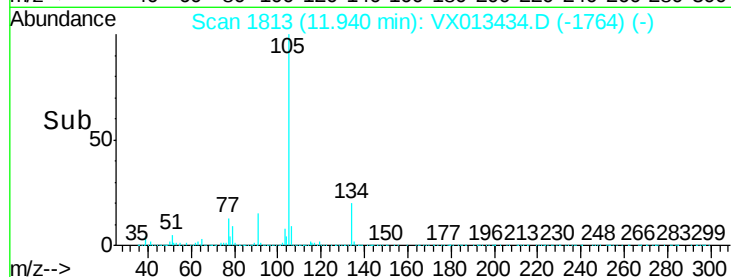
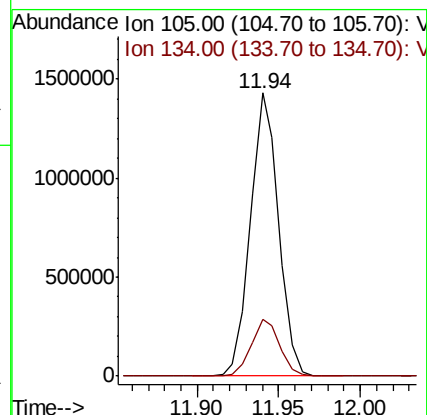
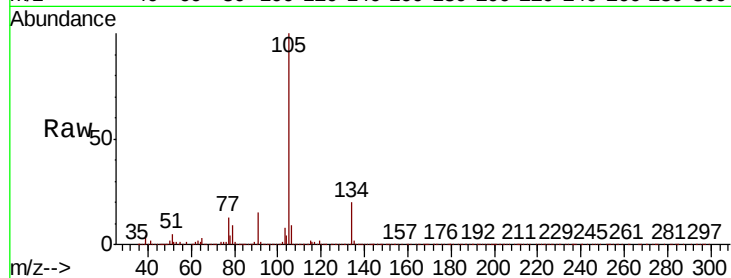
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 56.447 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

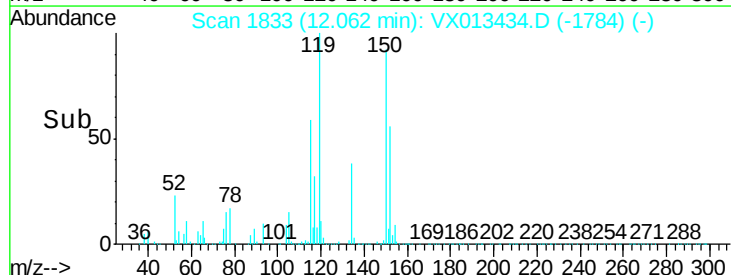
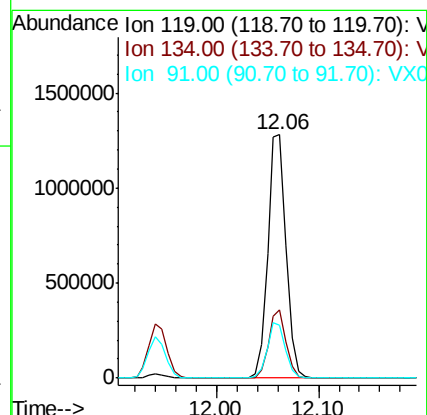
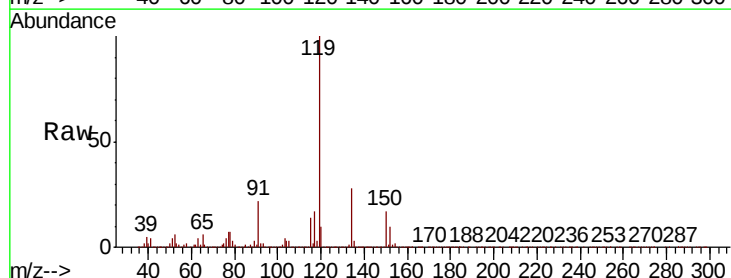
Tgt Ion:119 Resp: 1599339

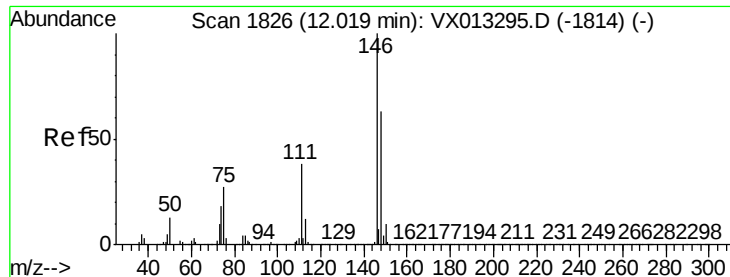
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 53.283 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

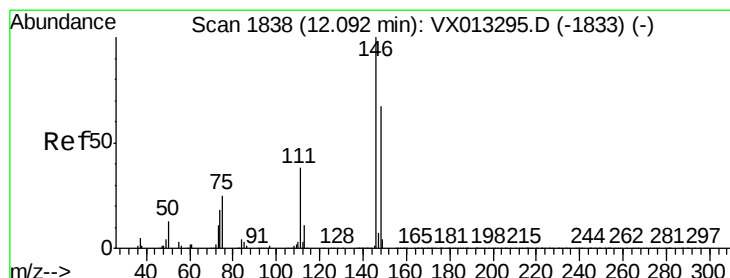
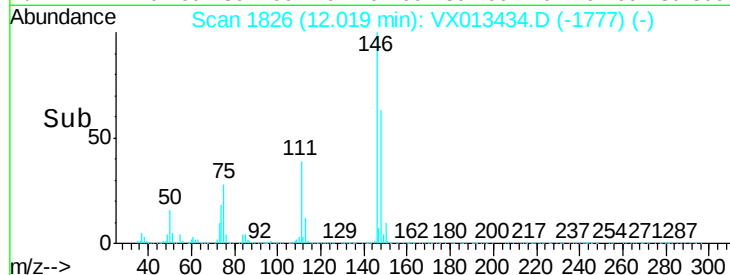
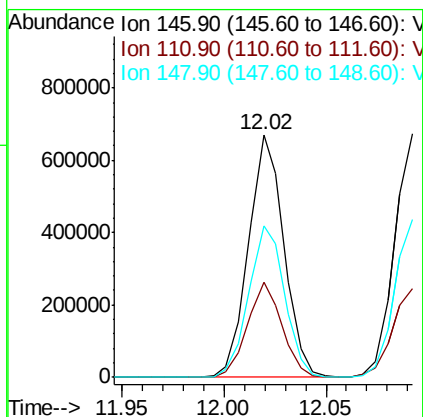
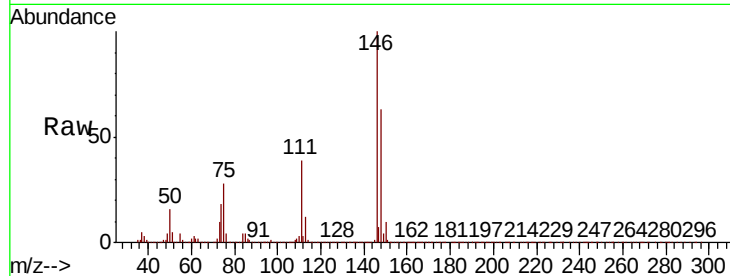
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	808464
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.9	56.5
148	63.8	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 52.356 ug/l

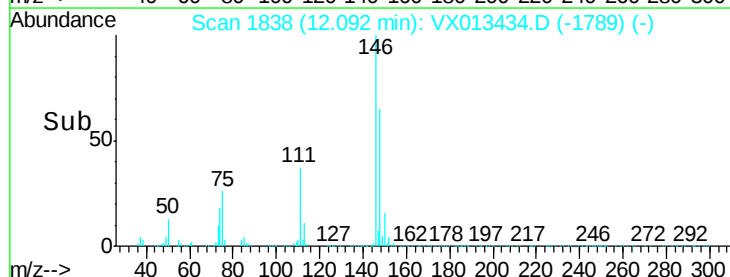
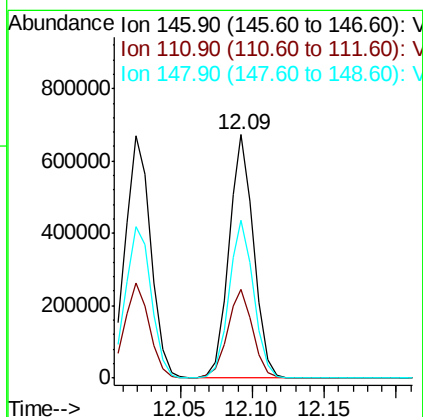
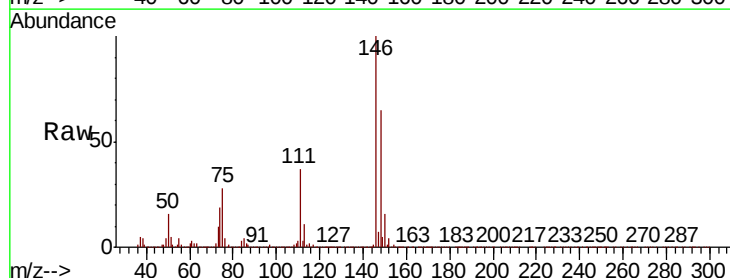
RT: 12.09 min Scan# 1838

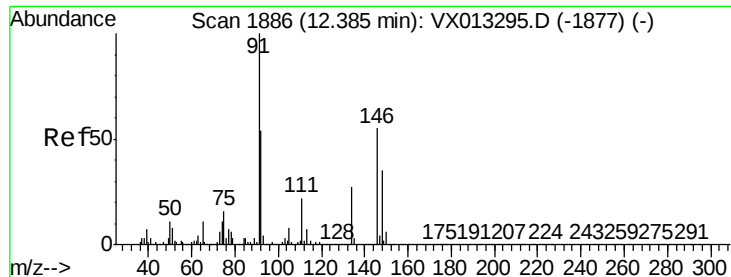
Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	146	Resp:	809381
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.8	56.4
148	64.8	32.4	97.0





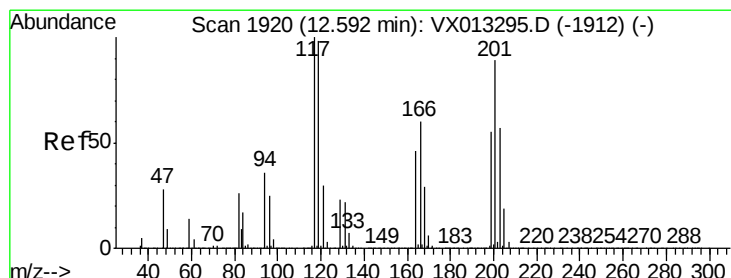
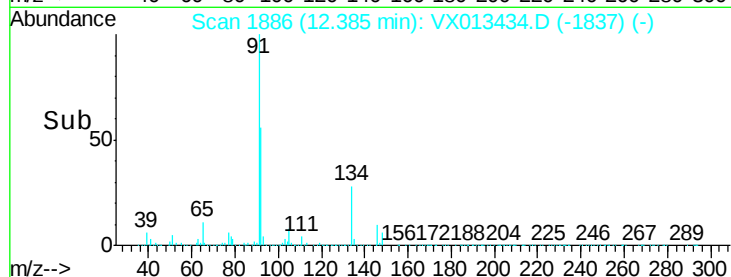
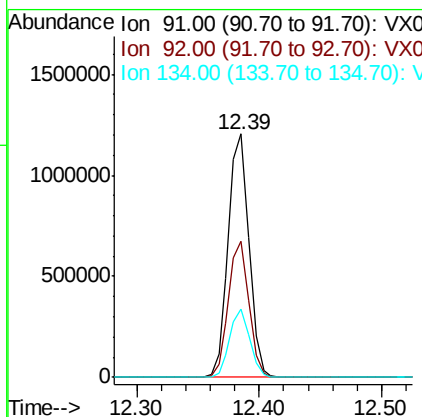
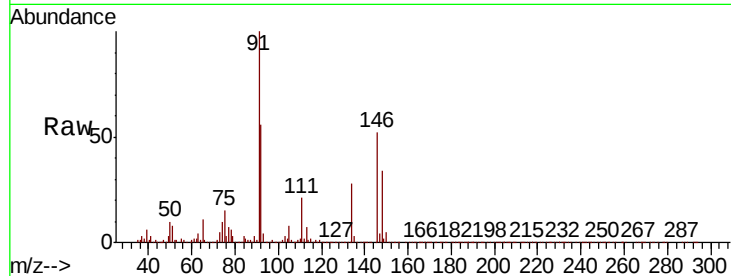
#89
n-Butylbenzene
Concen: 57.082 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.8
134	27.2	13.5	40.5

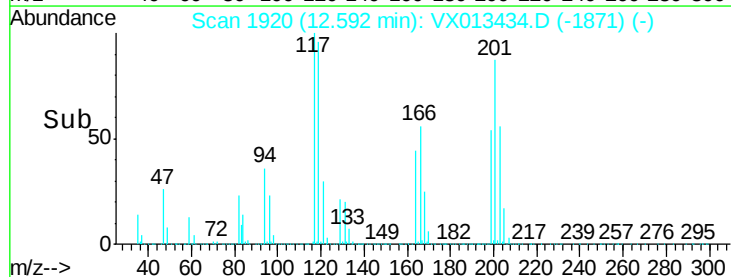
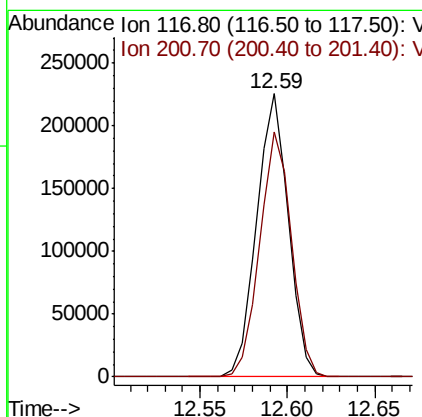
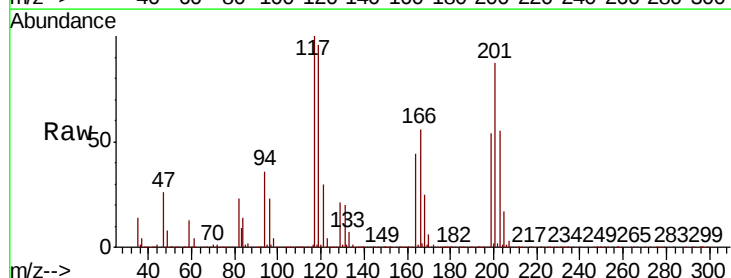
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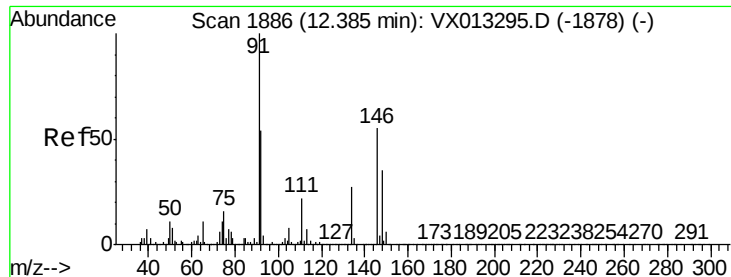
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#90
Hexachloroethane
Concen: 56.127 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.9	131.7





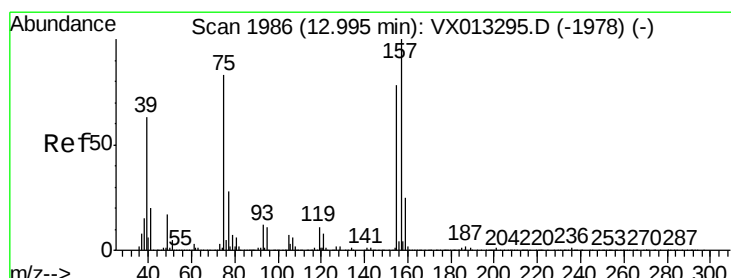
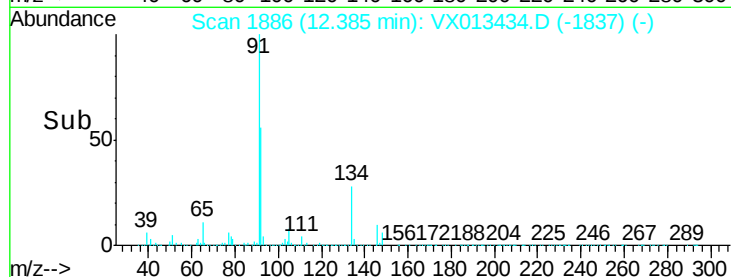
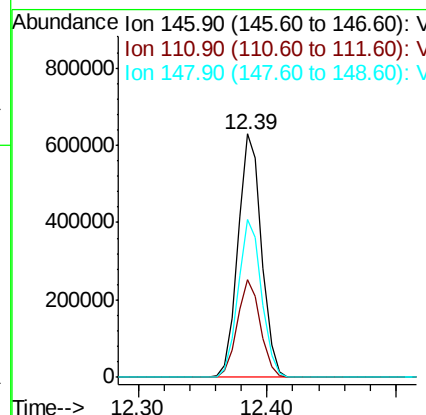
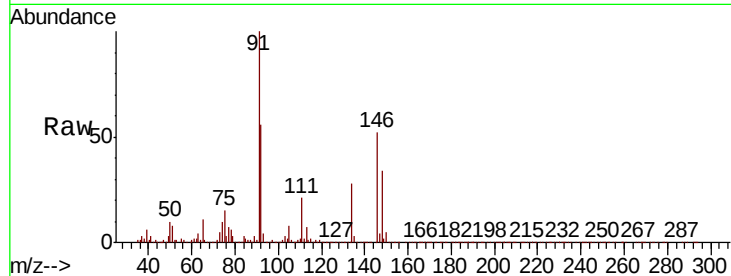
#91
1,2-Dichlorobenzene
Concen: 52.885 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	802113		
111	39.3	20.1	60.2	
148	64.2	32.0	96.0	

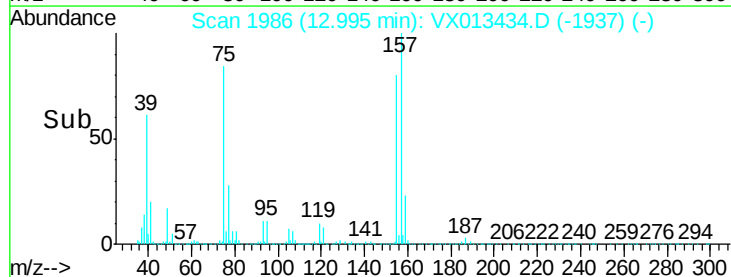
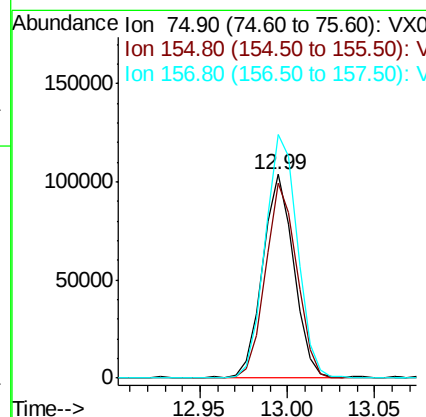
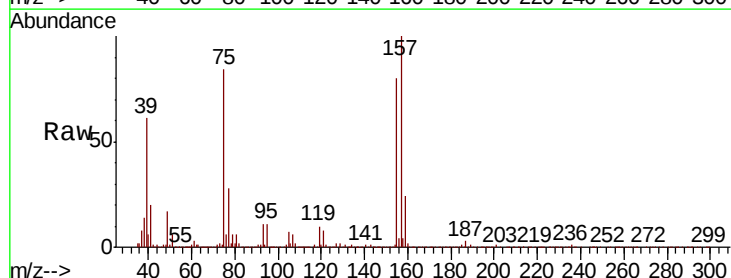
Manual Integrations
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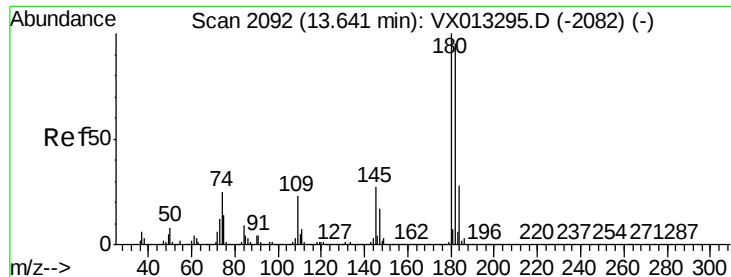
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11/18/2019 10:24:07 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.220 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013434.D
Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128334		
155	96.9	47.1	141.4	
157	124.7	61.3	183.8	





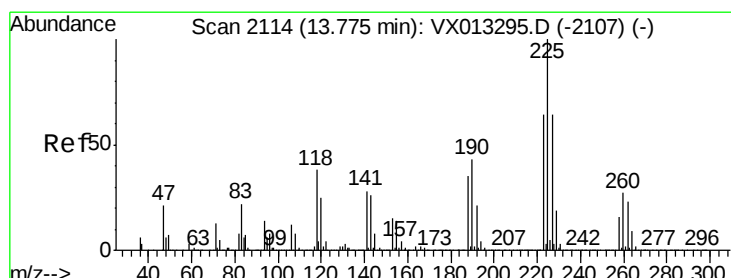
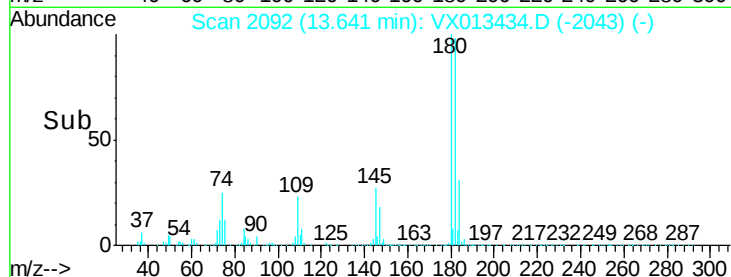
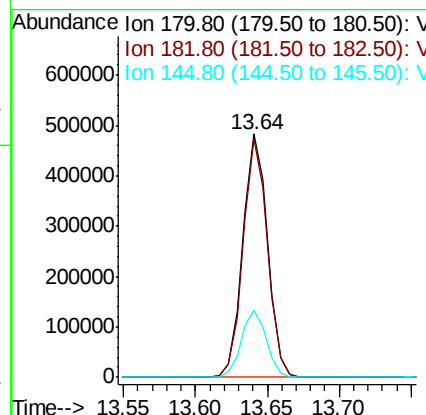
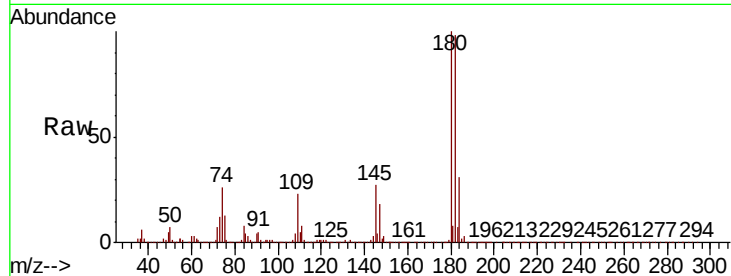
#93
 1,2,4-Trichlorobenzene
 Concen: 54.488 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	576468		
182	96.6	48.4	145.0	
145	28.0	14.1	42.4	

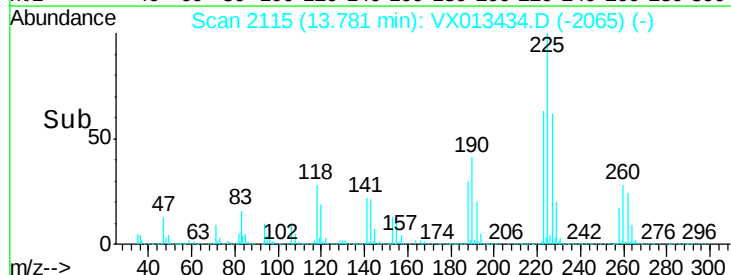
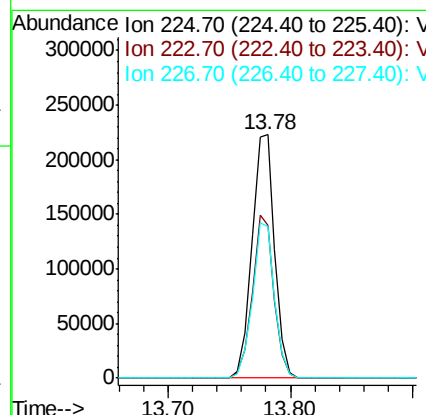
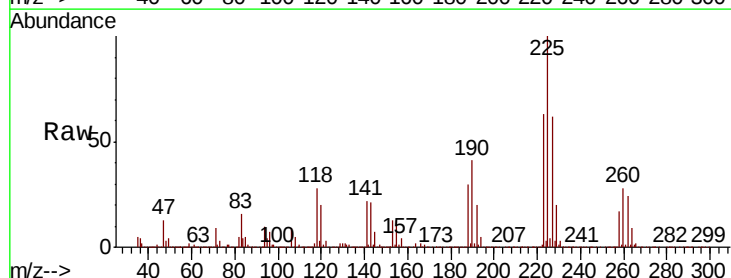
Manual Integrations
 APPROVED

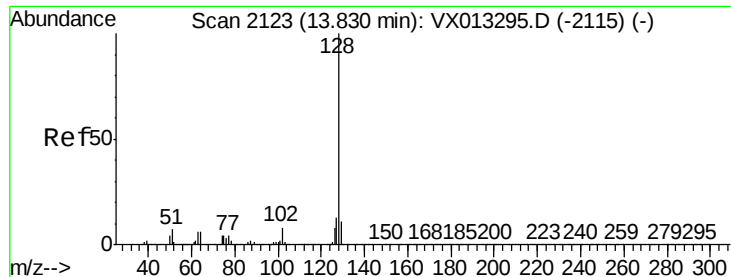
MMDadoda
 11/18/2019 10:24:07 AM



#94
 Hexachlorobutadiene
 Concen: 55.476 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013434.D
 Acq: 15 Nov 2019 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	287139		
223	63.2	31.9	95.7	
227	62.0	31.9	95.9	





#95

Naphthalene

Concen: 52.772 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Instrument :

MSVOA_X

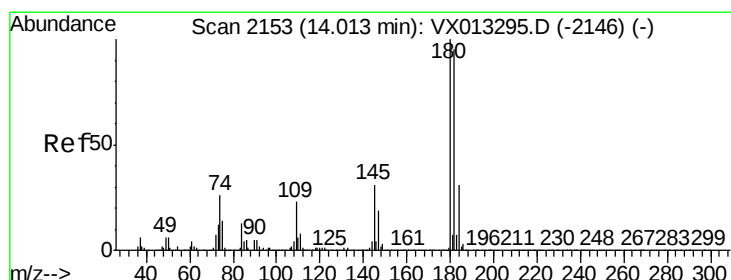
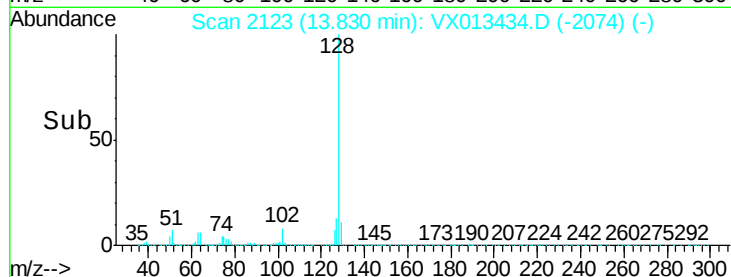
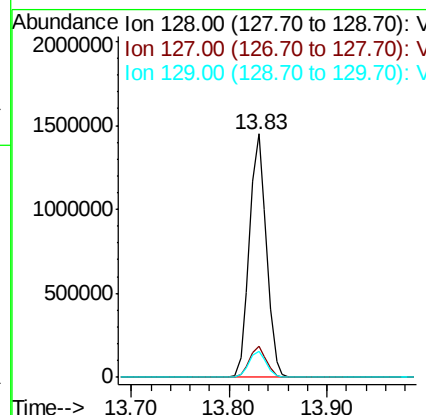
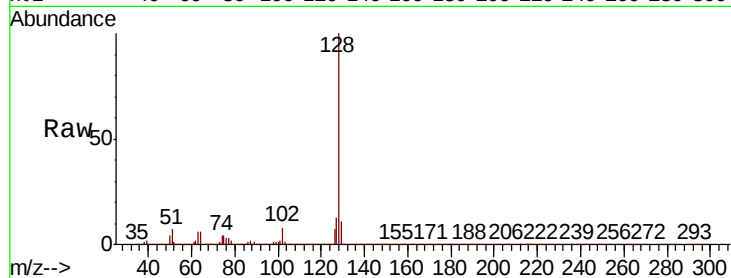
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1751704
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/18/2019 10:24:07 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.596 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013434.D

Acq: 15 Nov 2019 10:07

Tgt Ion:	180	Resp:	568657
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	29.9	15.4	46.4

