

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011020\
 Data File : VX014522.D
 Acq On : 10 Jan 2020 08:48
 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
 1/13/2020 11:34:27 AM

Quant Time: Jan 10 12:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	517091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	273836	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.48	113	229176	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	887266	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	318541	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	316210	49.259	ug/l 98
3) Chloromethane	1.32	50	319418	48.460	ug/l 100
4) Vinyl Chloride	1.40	62	369758	50.343	ug/l 99
5) Bromomethane	1.63	94	214194	43.995	ug/l 98
6) Chloroethane	1.72	64	199824	49.925	ug/l 99
7) Trichlorofluoromethane	1.92	101	399476	47.946	ug/l 99
8) Diethyl Ether	2.18	74	175220	46.097	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242281	47.797	ug/l 100
10) Methyl Iodide	2.50	142	310794	51.205	ug/l 100
11) Tert butyl alcohol	3.03	59	272543	226.123	ug/l 98
12) 1,1-Dichloroethene	2.37	96	236927	46.392	ug/l 99
13) Acrolein	2.28	56	215479	223.047	ug/l 98
14) Allyl chloride	2.72	41	423474	47.229	ug/l 99
15) Acrylonitrile	3.13	53	673035	231.363	ug/l 99
16) Acetone	2.43	43	742181	256.535	ug/l 99
17) Carbon Disulfide	2.56	76	651722	45.735	ug/l 98
18) Methyl Acetate	2.76	43	401614	48.407	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	780689	47.619	ug/l 100
20) Methylene Chloride	2.84	84	270706	46.616	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	255910	45.899	ug/l 99
22) Diisopropyl ether	3.84	45	858690	49.556	ug/l 96
23) Vinyl Acetate	3.80	43	3357234	250.252	ug/l 99
24) 1,1-Dichloroethane	3.69	63	458255	48.615	ug/l 100
25) 2-Butanone	4.65	43	1032377	239.425	ug/l 99
26) 2,2-Dichloropropane	4.57	77	376331	47.129	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	291157	46.714	ug/l 99
28) Bromochloromethane	5.00	49	180736	45.503	ug/l 97
29) Tetrahydrofuran	5.11	42	597164	234.240	ug/l 99
30) Chloroform	5.19	83	442158	48.003	ug/l 99
31) Cyclohexane	5.56	56	439321	49.792	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	380458	48.254	ug/l 99
36) 1,1-Dichloropropene	5.79	75	348621	48.570	ug/l 99
37) Ethyl Acetate	4.81	43	365481	46.877	ug/l 99
38) Carbon Tetrachloride	5.77	117	330313	50.008	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	453792	50.322	ug/l	99
40) Benzene	6.13	78	1051371	49.352	ug/l	99
41) Methacrylonitrile	5.03	41	207382	49.879	ug/l	97
42) 1,2-Dichloroethane	6.18	62	354349	47.573	ug/l	100
43) Isopropyl Acetate	6.43	43	616481	48.948	ug/l	99
44) Trichloroethene	7.20	130	295480	48.264	ug/l	97
45) 1,2-Dichloropropane	7.50	63	272335	50.142	ug/l	99
46) Dibromomethane	7.65	93	176152	46.468	ug/l	99
47) Bromodichloromethane	7.89	83	354011	51.322	ug/l	98
48) Methyl methacrylate	7.76	41	301647	50.006	ug/l	100
49) 1,4-Dioxane	7.73	88	126277	987.954	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1879453	244.883	ug/l	100
52) Toluene	8.78	92	672260	49.296	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	394698	49.149	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	438380	50.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266178	48.594	ug/l	99
56) Ethyl methacrylate	9.17	69	422981	50.404	ug/l	99
57) 1,3-Dichloropropane	9.36	76	448523	48.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	769327	269.447	ug/l	99
59) 2-Hexanone	9.48	43	1515318	249.529	ug/l	100
60) Dibromochloromethane	9.57	129	282037	51.227	ug/l	100
61) 1,2-Dibromoethane	9.67	107	275209	47.431	ug/l	99
64) Tetrachloroethene	9.33	164	307954	44.808	ug/l	98
65) Chlorobenzene	10.13	112	713055	47.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	262693	49.463	ug/l	99
67) Ethyl Benzene	10.25	91	1278183	50.391	ug/l	99
68) m/p-Xylenes	10.35	106	977361	99.875	ug/l	98
69) o-Xylene	10.69	106	467415	50.061	ug/l	99
70) Styrene	10.71	104	815993	50.642	ug/l	99
71) Bromoform	10.85	173	218724	50.336	ug/l	99
73) Isopropylbenzene	11.01	105	1254773	50.831	ug/l	99
74) N-amyl acetate	10.89	43	541287	49.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	392130	49.534	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	330846m	45.488	ug/l	
77) Bromobenzene	11.25	156	324410	47.389	ug/l	99
78) n-propylbenzene	11.35	91	1451768	51.353	ug/l	100
79) 2-Chlorotoluene	11.42	91	831040	49.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1059496	51.697	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136299	49.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	978527	49.477	ug/l	98
83) tert-Butylbenzene	11.76	119	995129	51.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1067141	51.530	ug/l	99
85) sec-Butylbenzene	11.94	105	1229908	51.091	ug/l	100
86) p-Isopropyltoluene	12.06	119	1142412	51.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580260	47.230	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	580148	50.267	ug/l	99
89) n-Butylbenzene	12.39	91	1002612	49.088	ug/l	99
90) Hexachloroethane	12.59	117	199493	50.841	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	575744	47.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	81046	45.513	ug/l	99

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ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	408713	48.376	ug/l	100
94) Hexachlorobutadiene	13.78	225	201409	50.903	ug/l	99
95) Naphthalene	13.83	128	1192106	45.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400156	48.255	ug/l	99

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

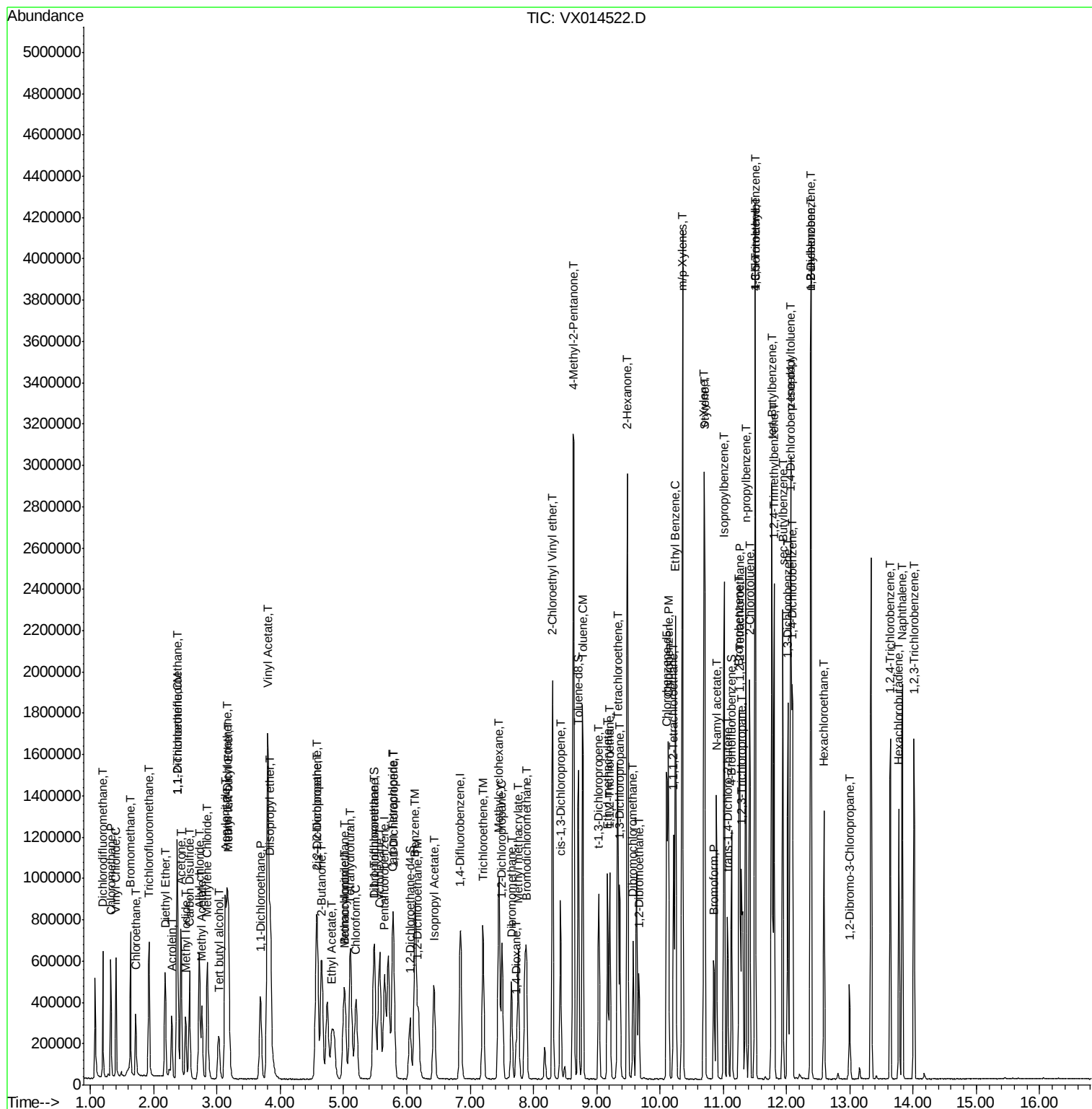
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Data File : VX014522.D
Acq On : 10 Jan 2020 08:48
Operator : JC/SP
Sample : VSTDCCC050
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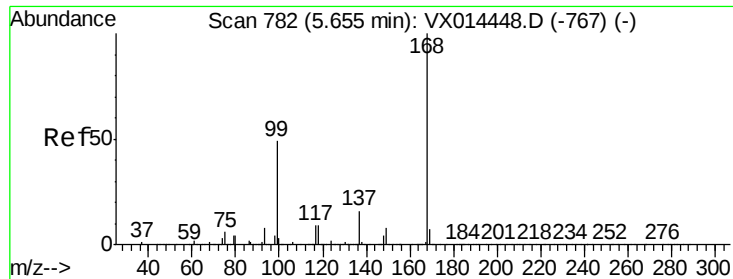
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 517091

Ion Ratio Lower Upper

168 100

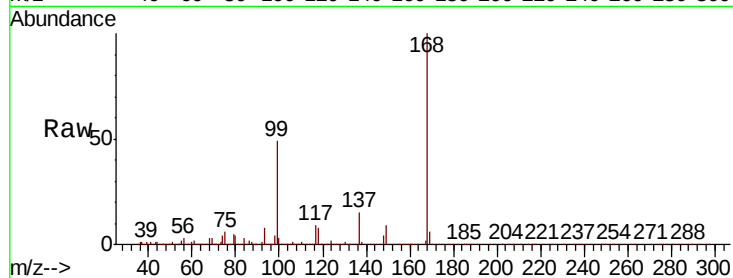
99 49.1 39.2 58.8

Manual Integrations

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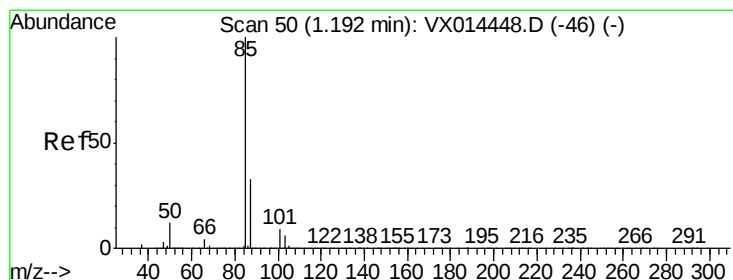
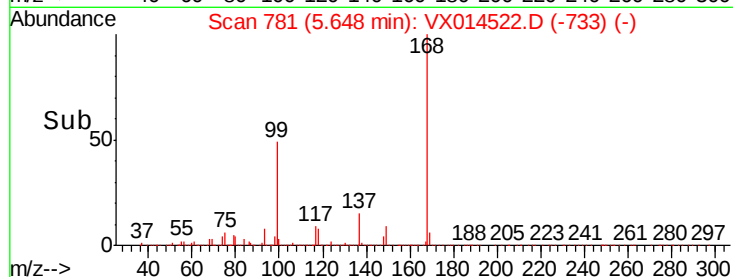
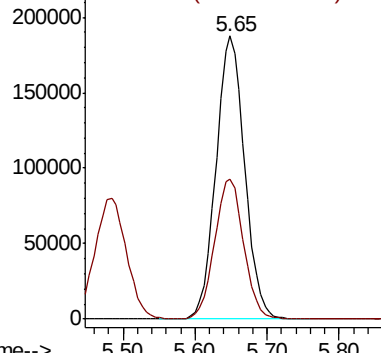
MMDadoda

1/13/2020 11:34:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.259 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014522.D

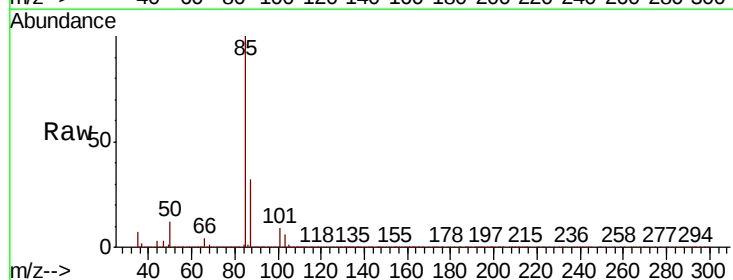
Acq: 10 Jan 2020 08:48

Tgt Ion: 85 Resp: 316210

Ion Ratio Lower Upper

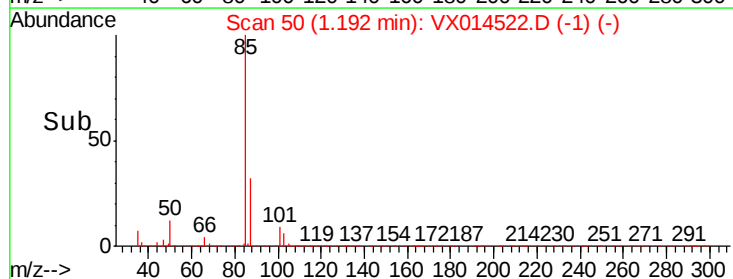
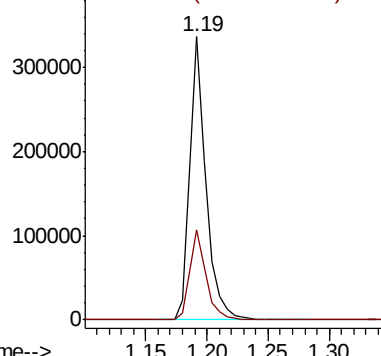
85 100

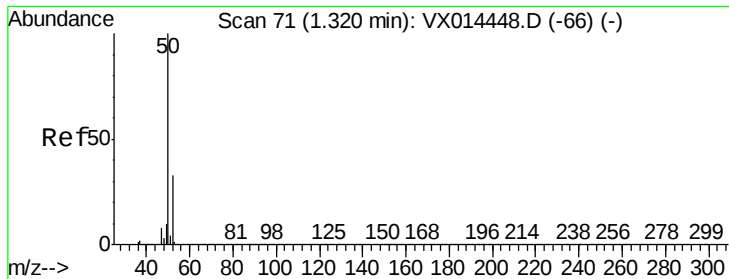
87 31.8 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.460 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 319418

Ion Ratio Lower Upper

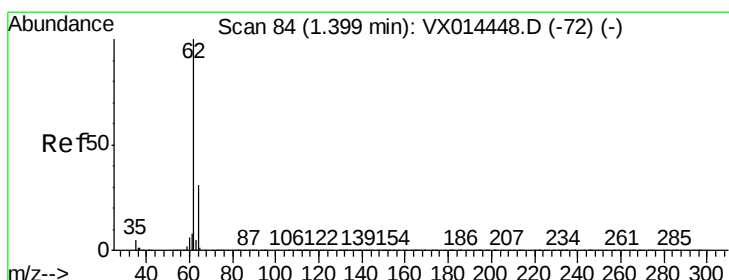
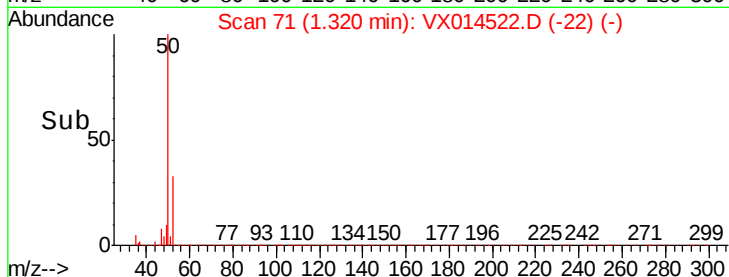
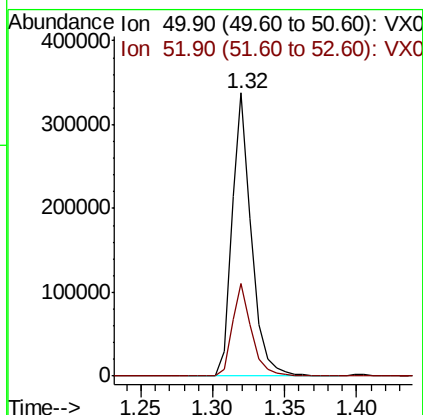
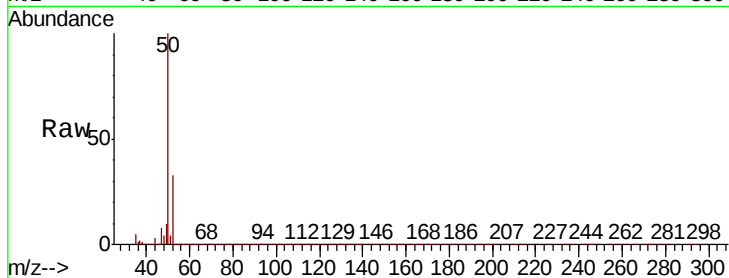
50 100

52 32.6 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.343 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014522.D

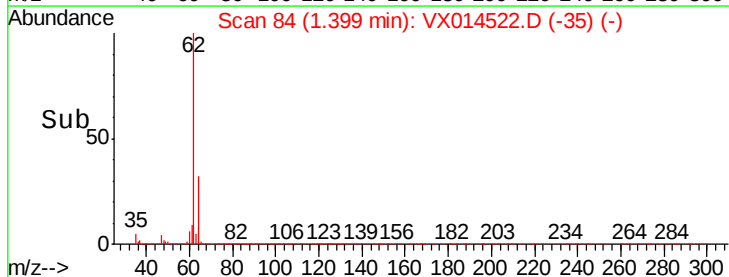
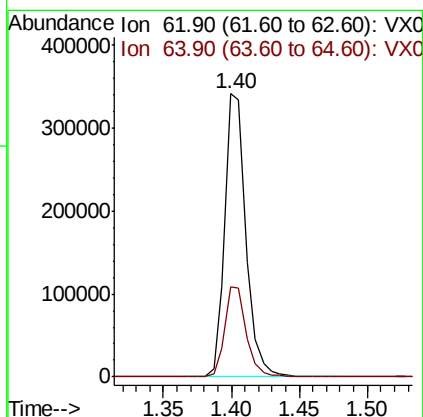
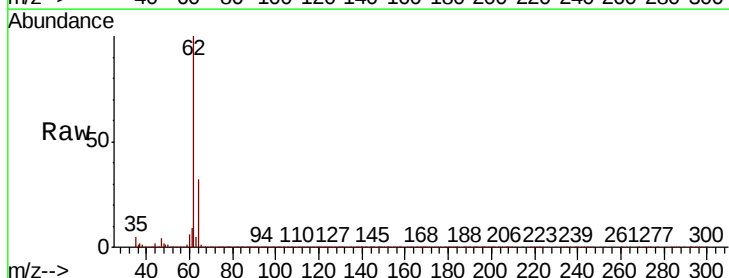
Acq: 10 Jan 2020 08:48

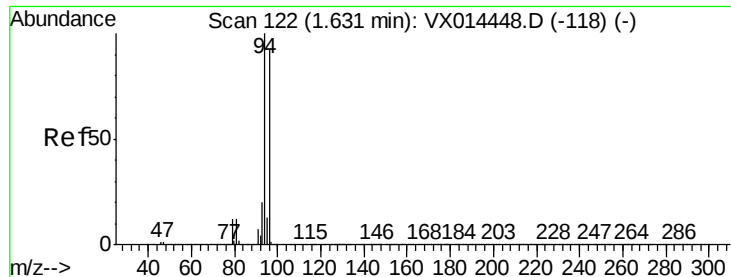
Tgt Ion: 62 Resp: 369758

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 43.995 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 214194

Ion Ratio Lower Upper

94 100

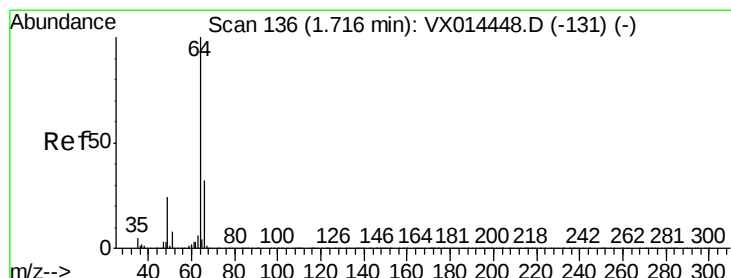
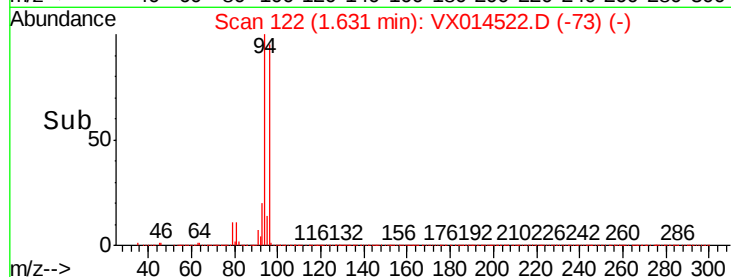
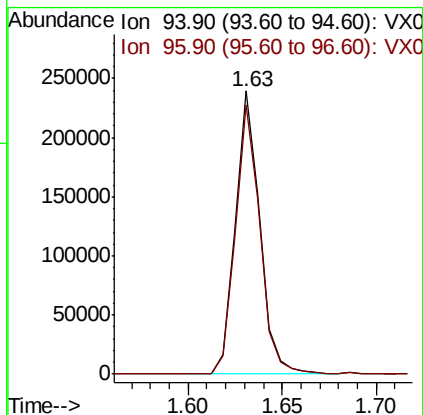
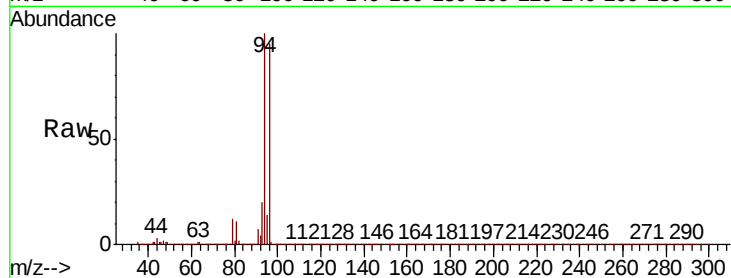
96 95.0 74.2 111.2

Manual Integrations

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1/13/2020 11:34:27 AM



#6

Chloroethane

Concen: 49.925 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014522.D

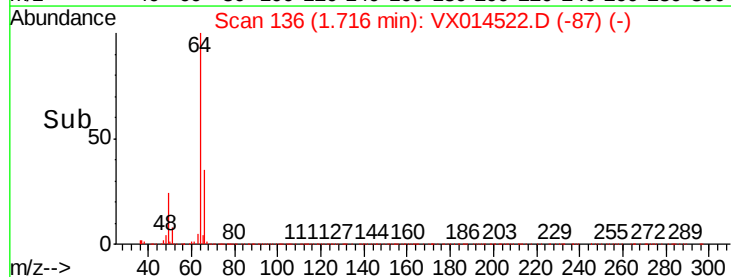
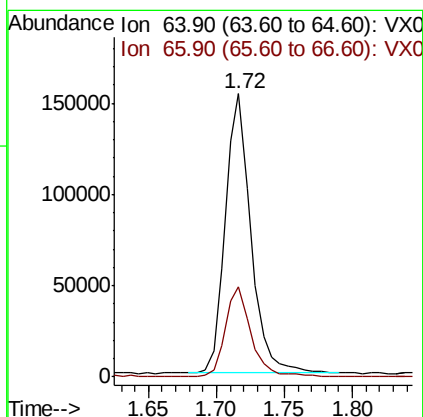
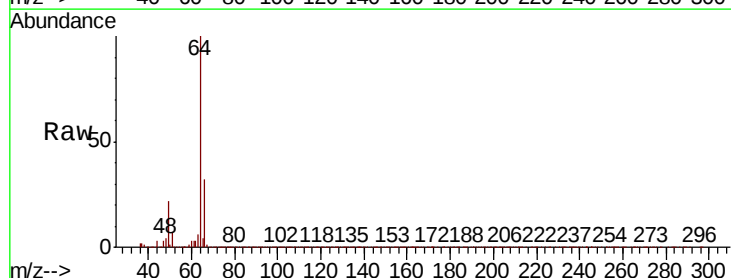
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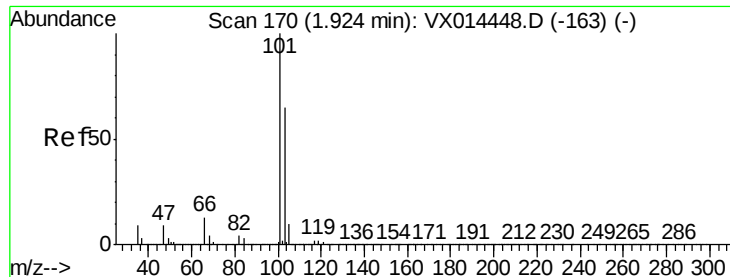
Tgt Ion: 64 Resp: 199824

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9





#7

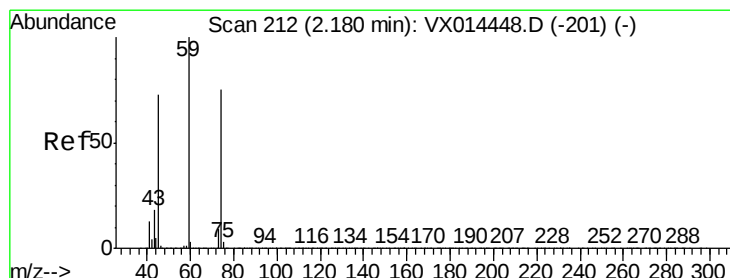
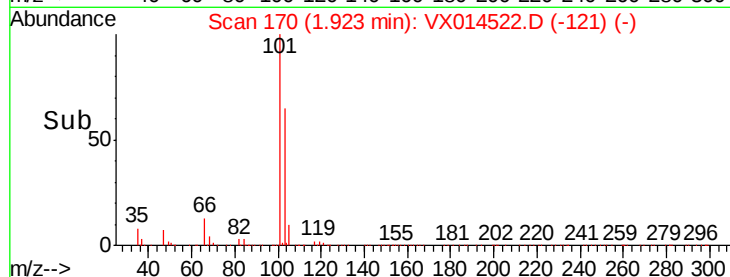
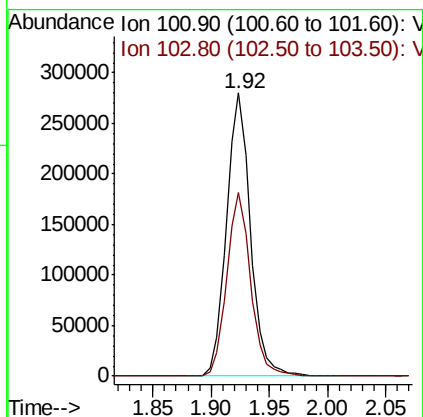
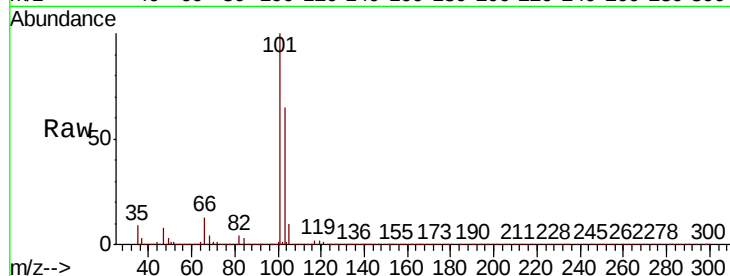
Trichlorofluoromethane
Concen: 47.946 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

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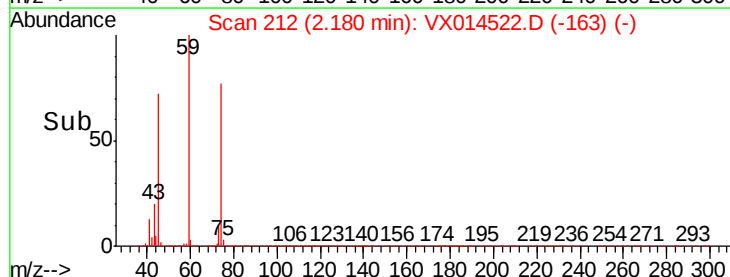
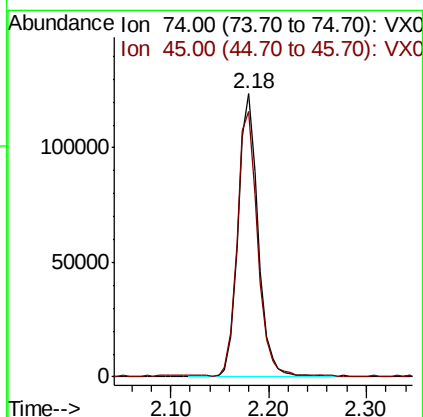
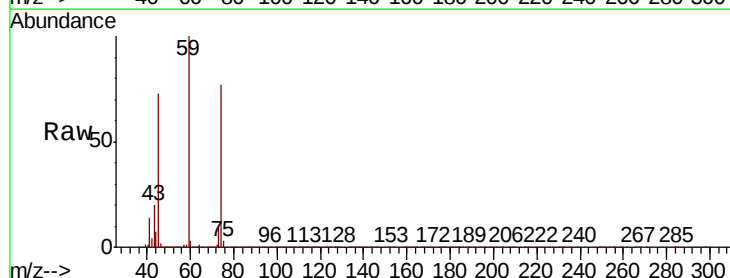
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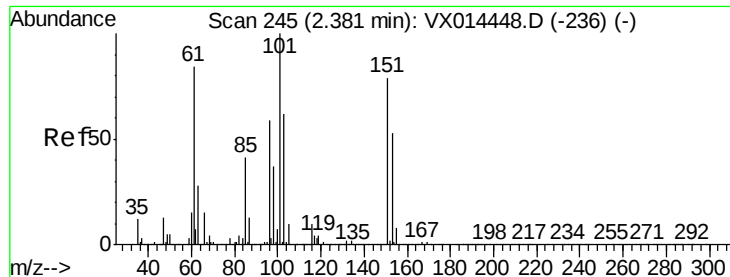


#8

Diethyl Ether
Concen: 46.097 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.797 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

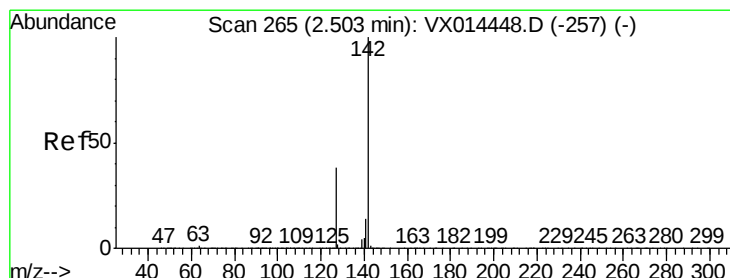
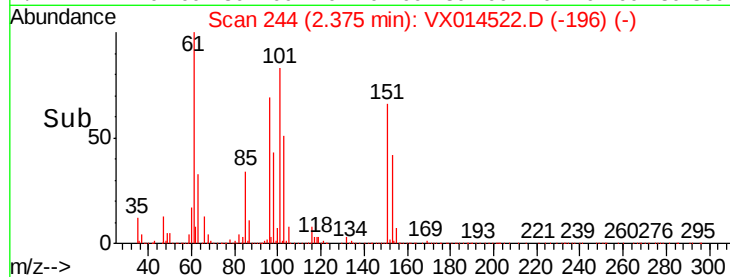
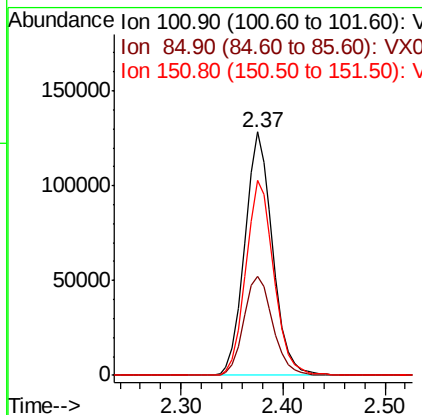
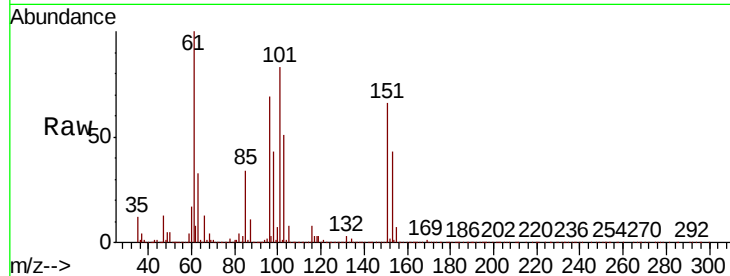
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	242281
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.8
151	81.4	65.3	97.9

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#10

Methyl Iodide

Concen: 51.205 ug/l

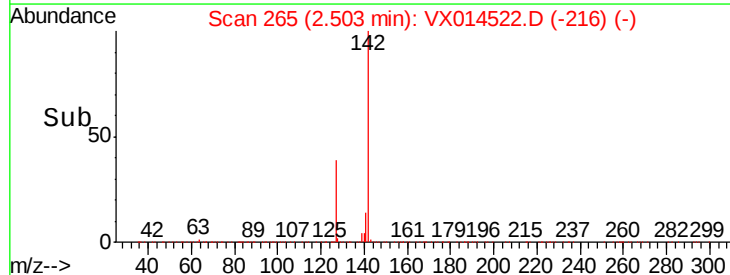
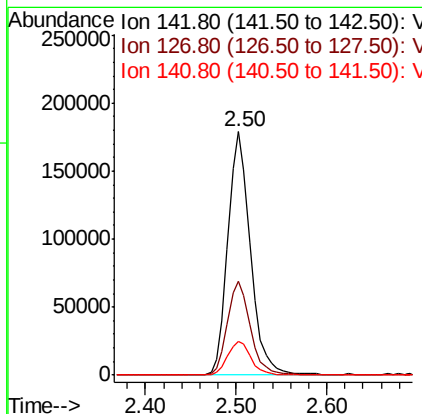
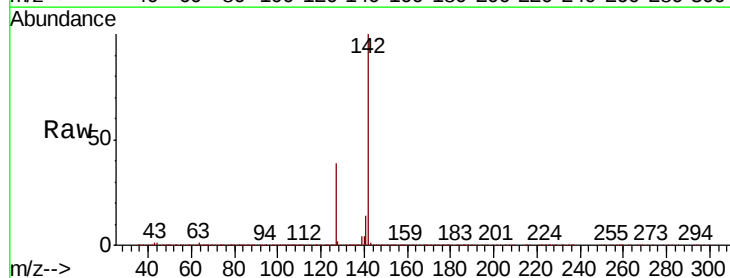
RT: 2.50 min Scan# 265

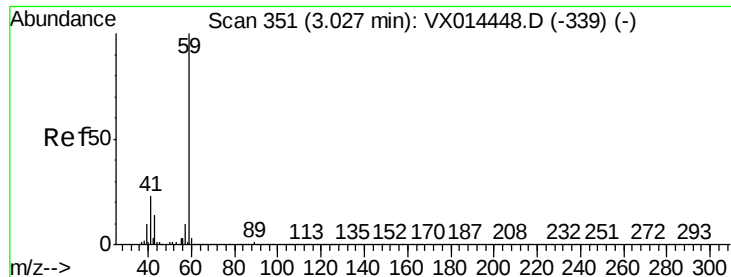
Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	142	Resp:	310794
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.2	46.8
141	14.3	11.4	17.2





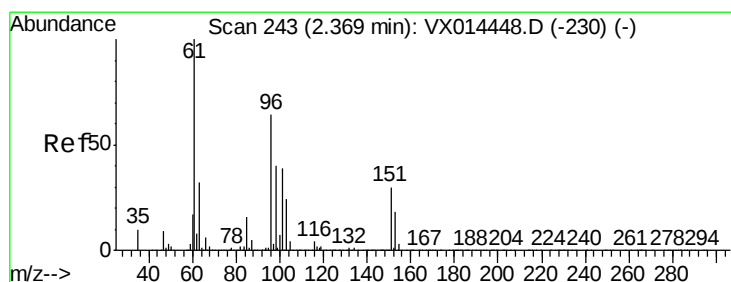
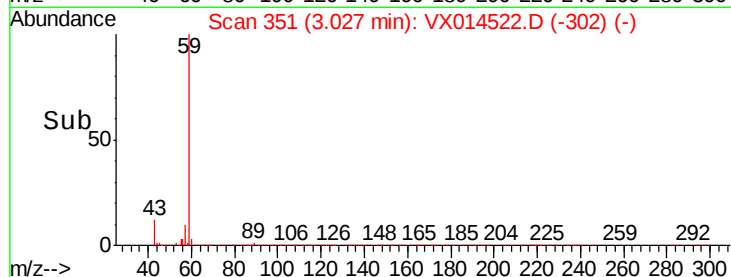
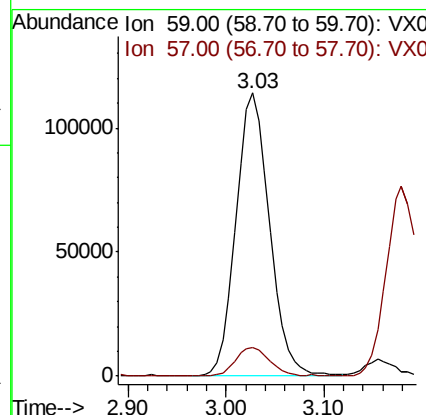
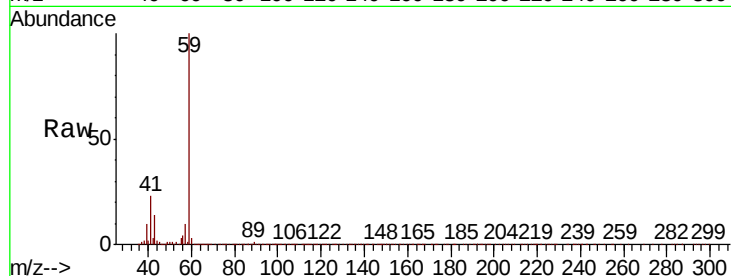
#11
Tert butyl alcohol
Concen: 226.123 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

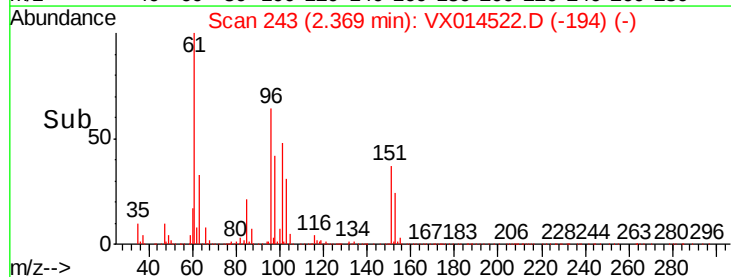
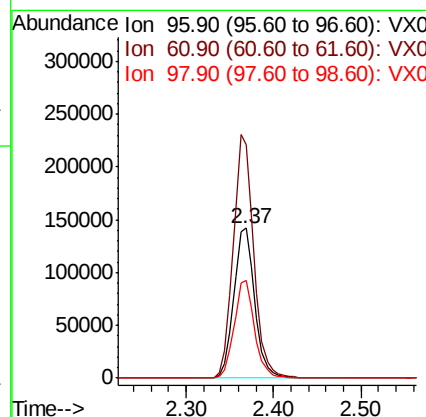
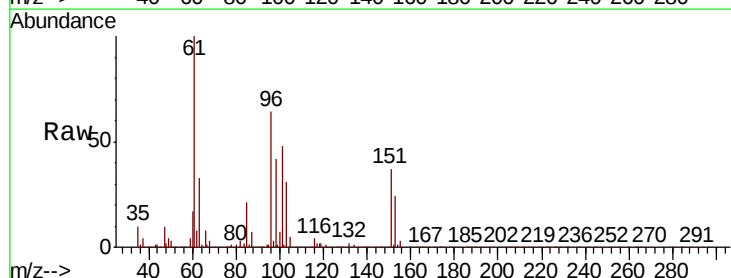
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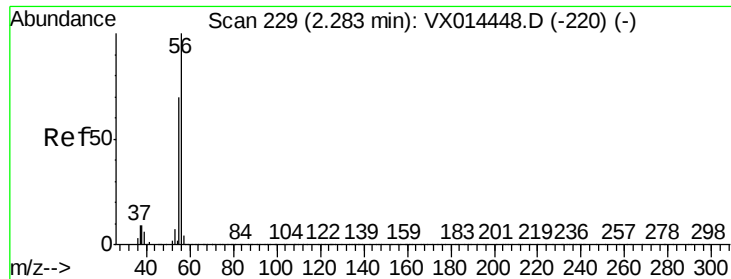
MMDadoda
1/13/2020 11:34:27 AM



#12
1,1-Dichloroethene
Concen: 46.392 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	125.0	187.6
98	65.1	50.2	75.2





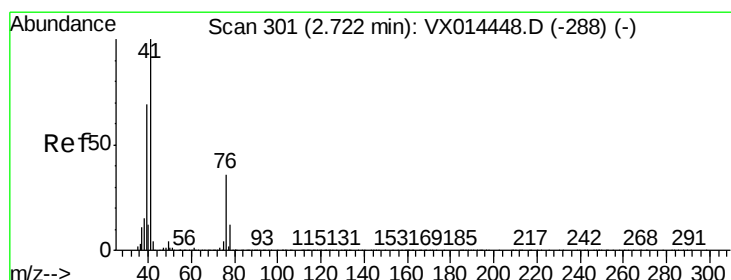
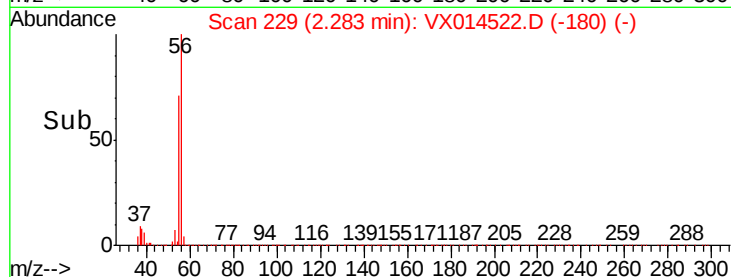
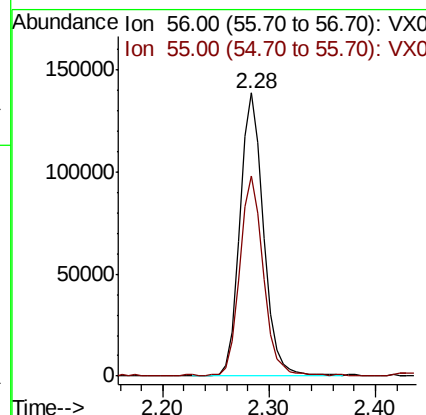
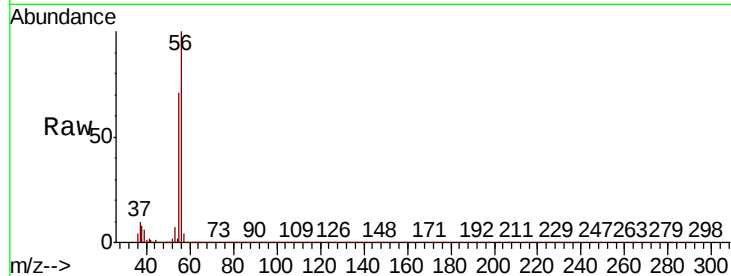
#13
Acrolein
Concen: 223.047 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	215479
Ion Ratio	100	Lower	Upper
55	70.3	55.0	82.6

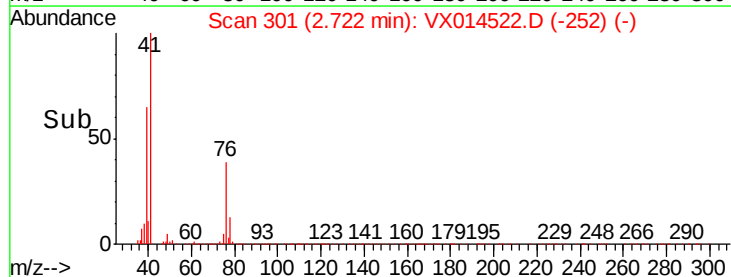
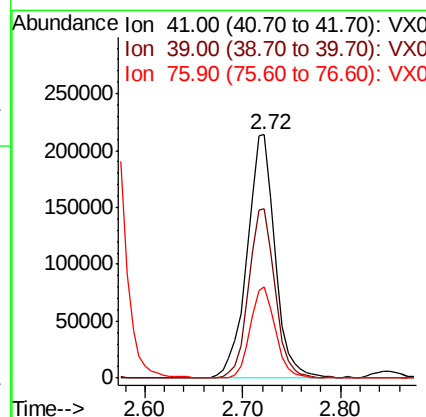
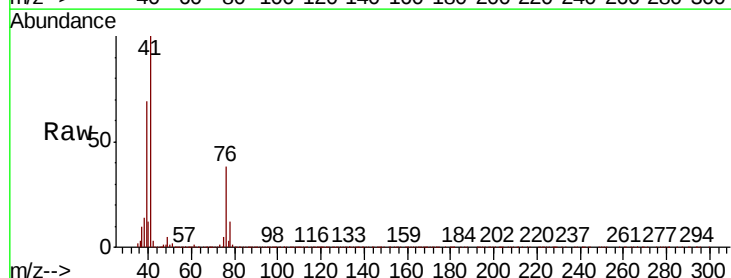
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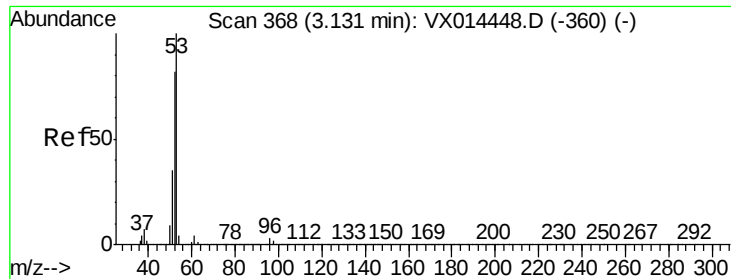
MMDadoda
1/13/2020 11:34:27 AM



#14
Allyl chloride
Concen: 47.229 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	41	Resp	423474
Ion Ratio	100	Lower	Upper
39	65.4	51.7	77.5
76	33.5	26.8	40.2





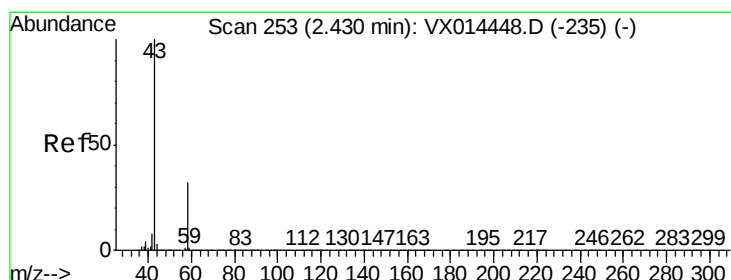
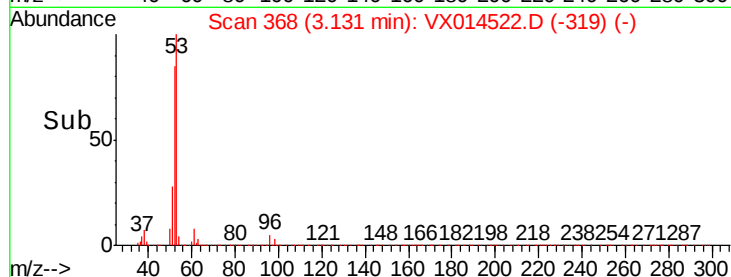
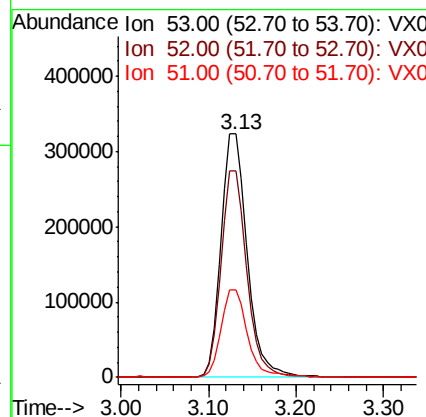
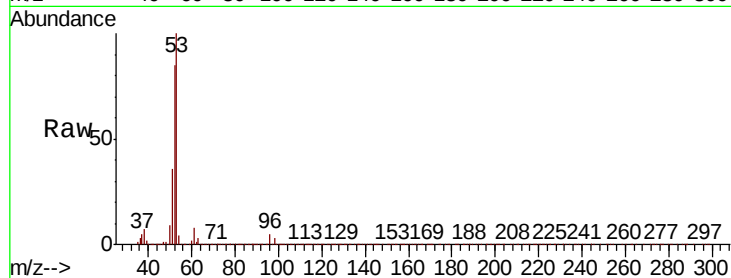
#15
 Acrylonitrile
 Concen: 231.363 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	83.2	67.0	100.4
51	51	36.3	28.5	42.7

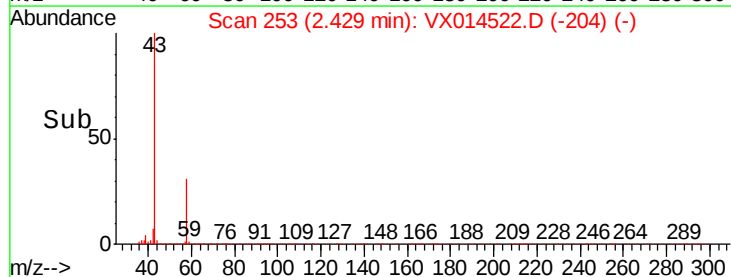
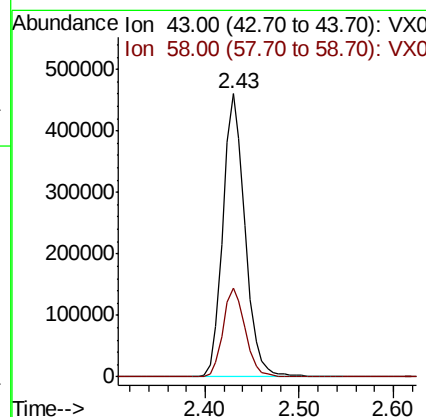
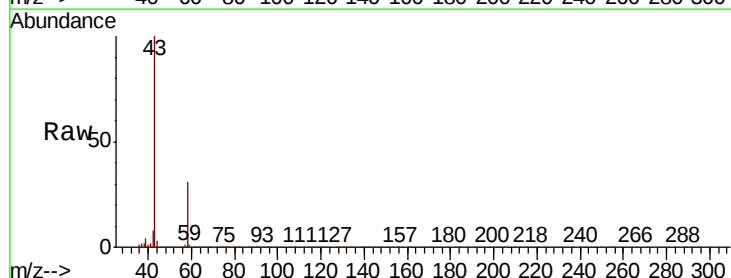
Manual Integrations
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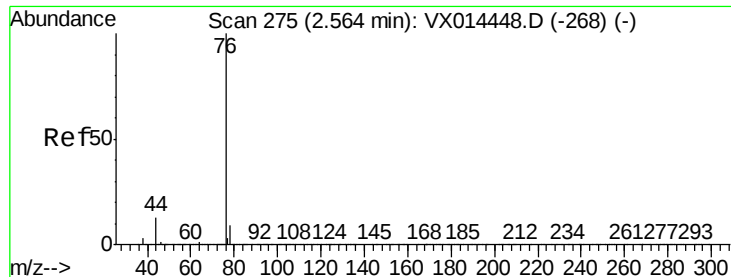
MMDadoda
 1/13/2020 11:34:27 AM



#16
 Acetone
 Concen: 256.535 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	31.2	25.4	38.0





#17

Carbon Disulfide

Concen: 45.735 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 651722

Ion Ratio Lower Upper

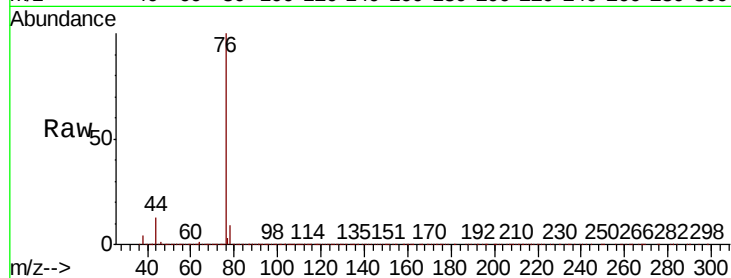
76 100

78 8.6 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

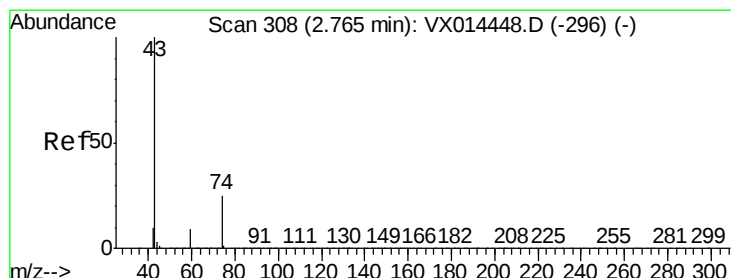
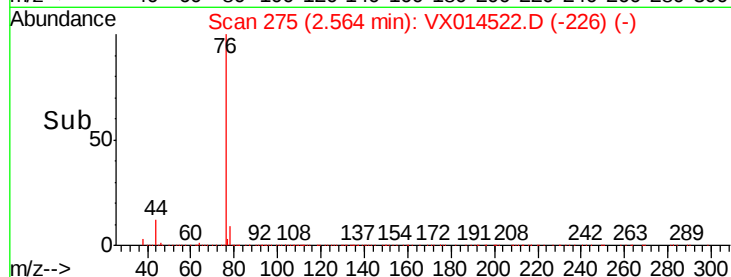
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.407 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014522.D

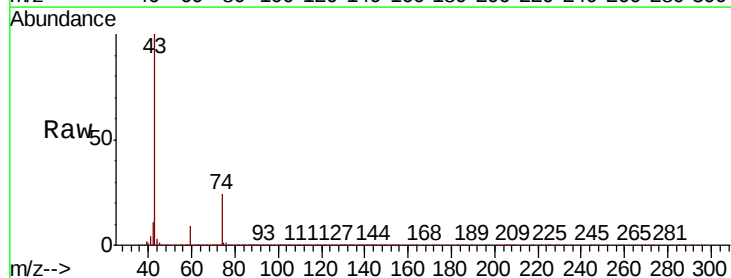
Acq: 10 Jan 2020 08:48

Tgt Ion: 43 Resp: 401614

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

150000

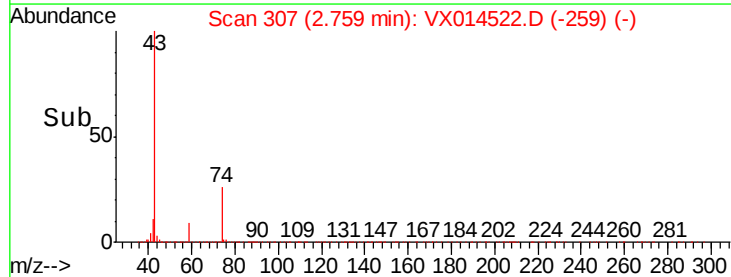
100000

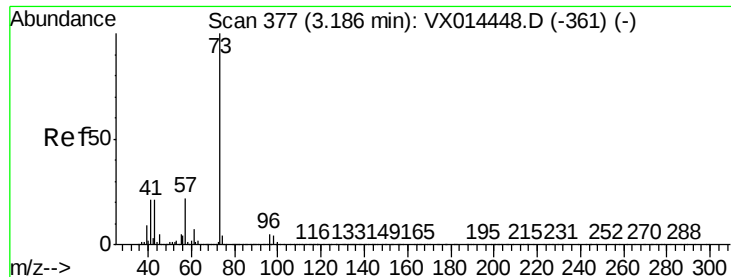
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->





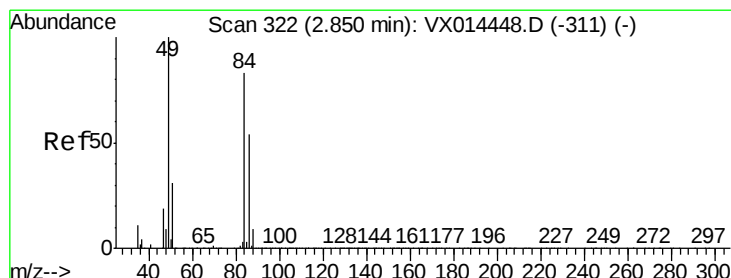
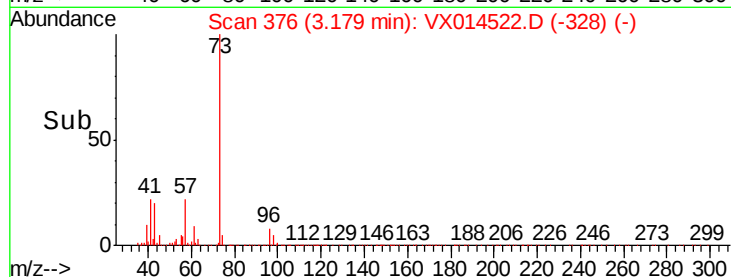
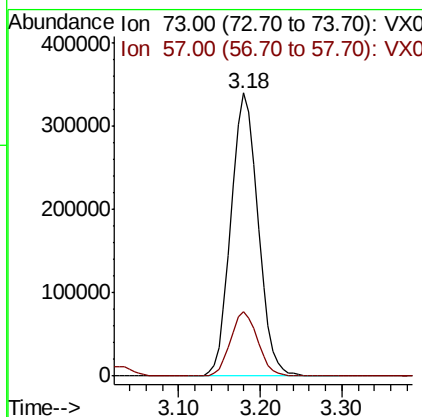
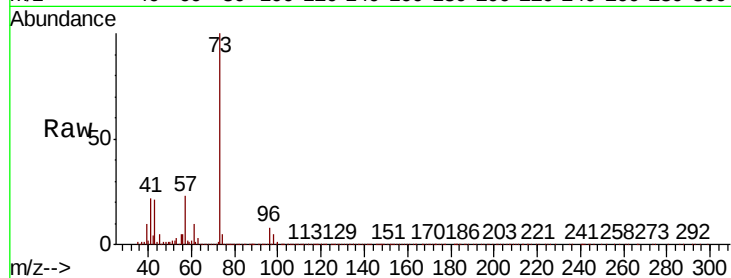
#19
Methyl tert-butyl Ether
Concen: 47.619 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.8

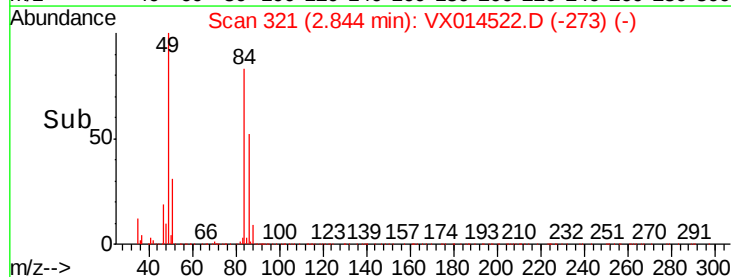
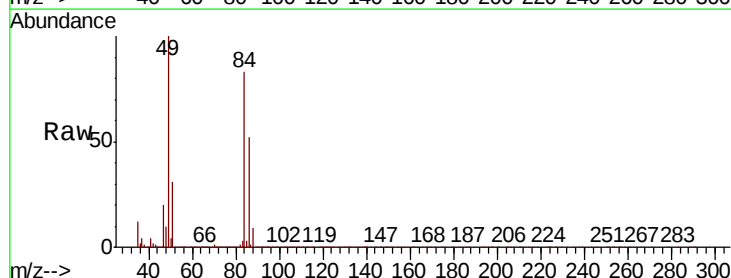
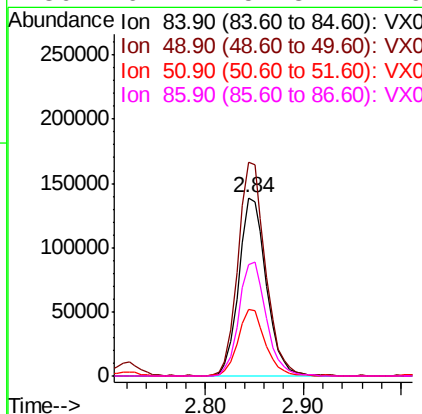
Manual Integrations
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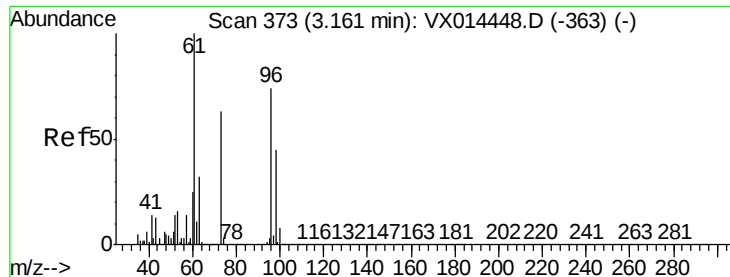
MMDadoda
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#20
Methylene Chloride
Concen: 46.616 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	95.8	143.8
51	37.5	30.2	45.4
86	62.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 45.899 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

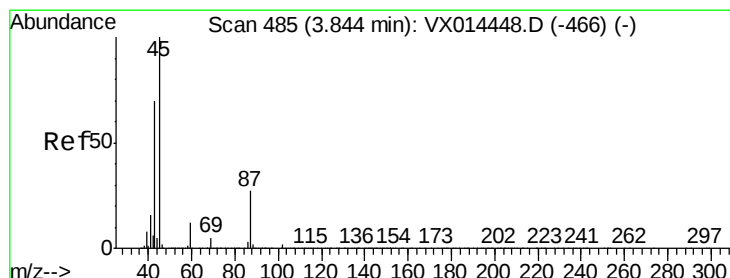
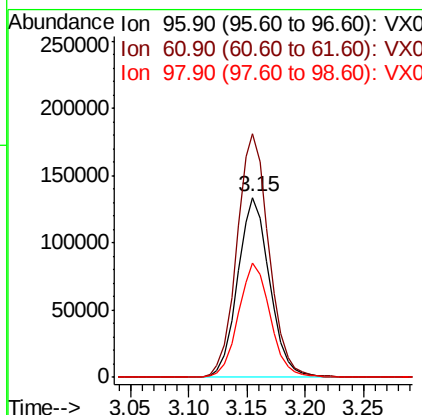
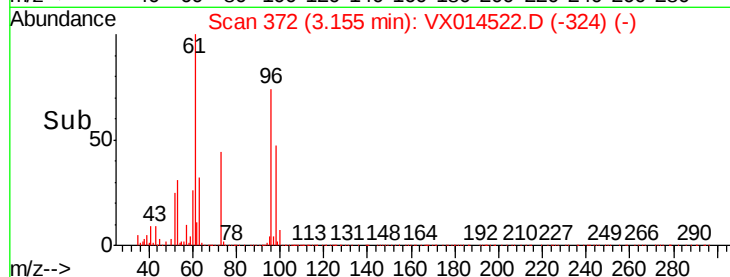
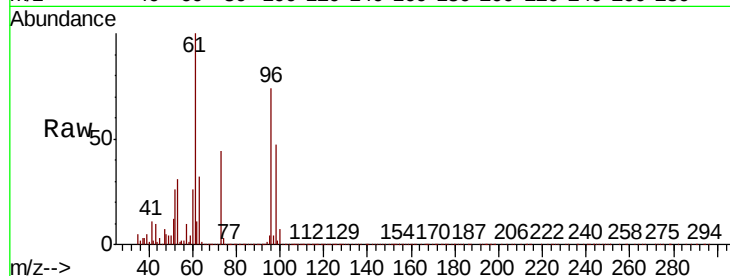
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	255910
Ion	Ratio	Lower	Upper
96	100		
61	135.2	108.2	162.4
98	63.0	48.8	73.2

Manual Integrations
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1/13/2020 11:34:27 AM



#22

Diisopropyl ether

Concen: 49.556 ug/l

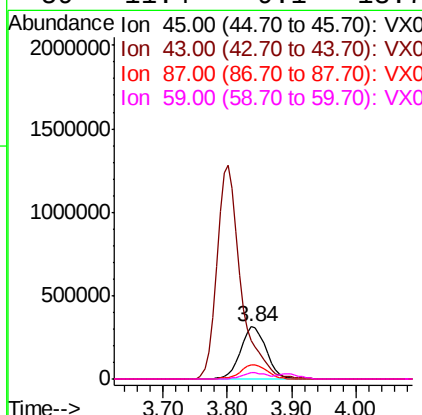
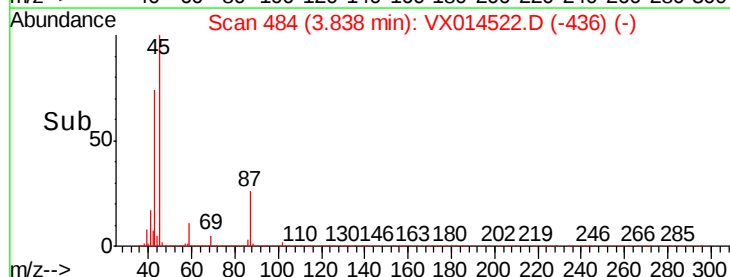
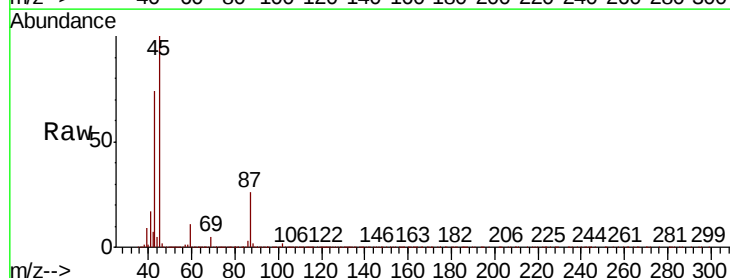
RT: 3.84 min Scan# 484

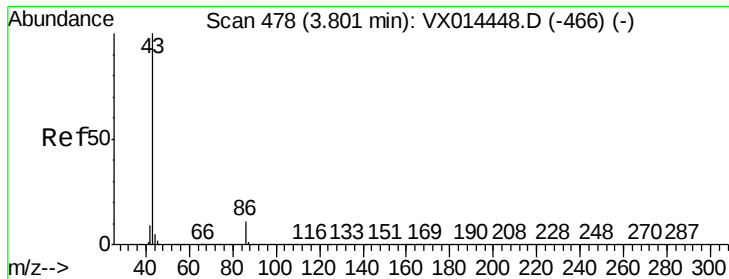
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	45	Resp:	858690
Ion	Ratio	Lower	Upper
45	100		
43	74.2	55.8	83.6
87	26.2	21.8	32.8
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 250.252 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3357234

Ion Ratio Lower Upper

43 100

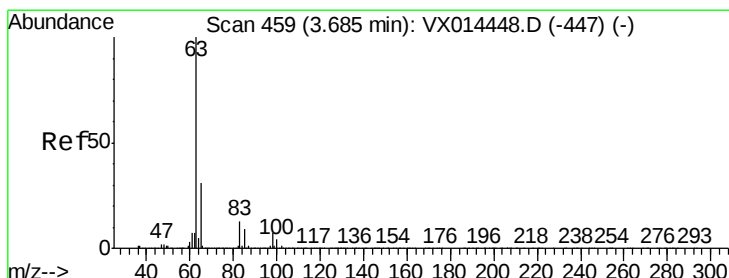
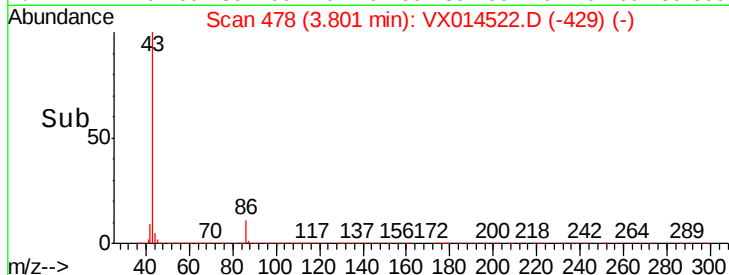
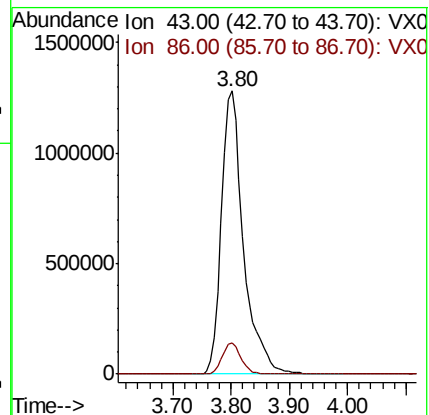
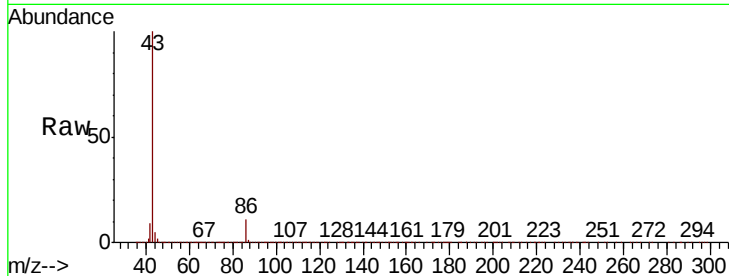
86 10.8 8.4 12.6

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 48.615 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

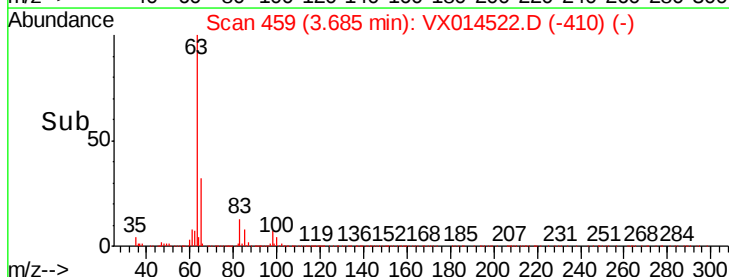
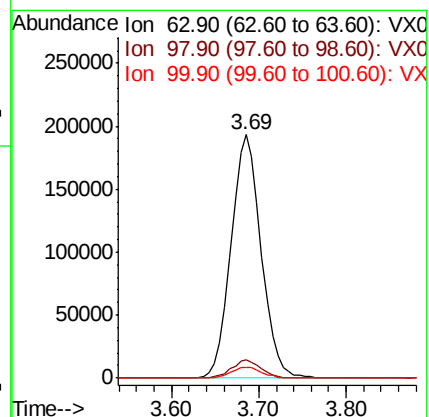
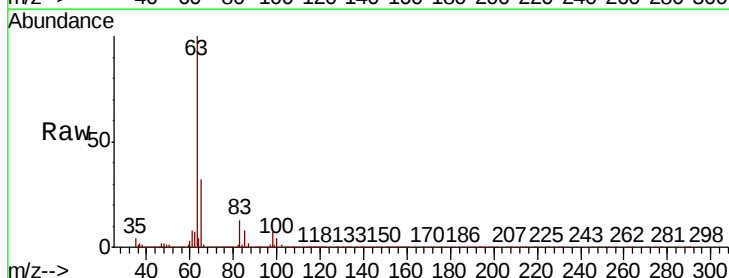
Tgt Ion: 63 Resp: 458255

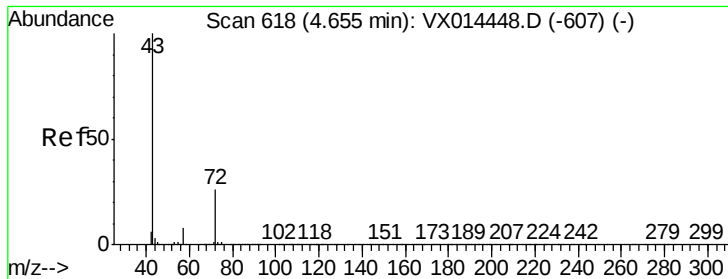
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 239.425 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1032377

Ion Ratio Lower Upper

43 100

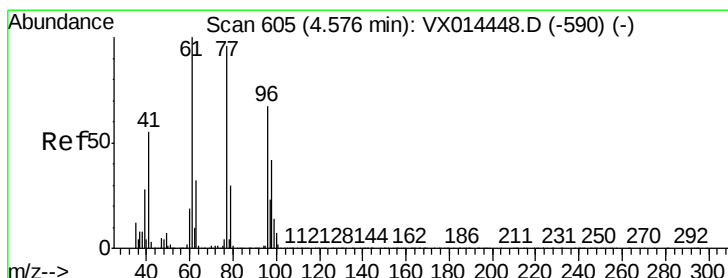
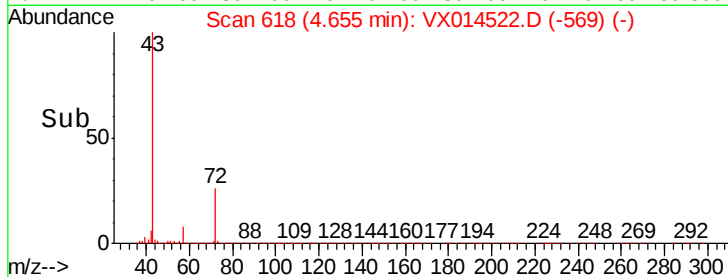
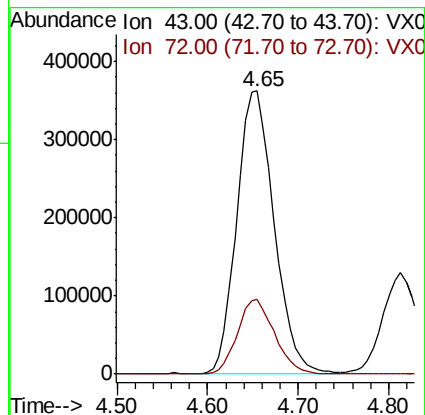
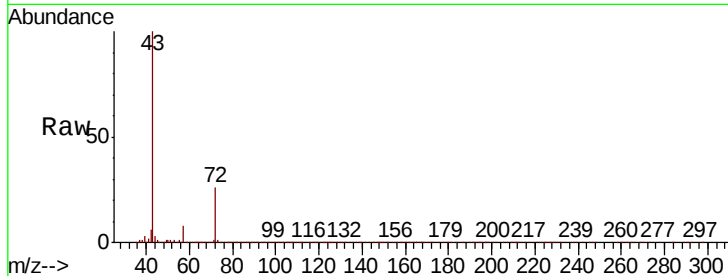
72 26.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 47.129 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014522.D

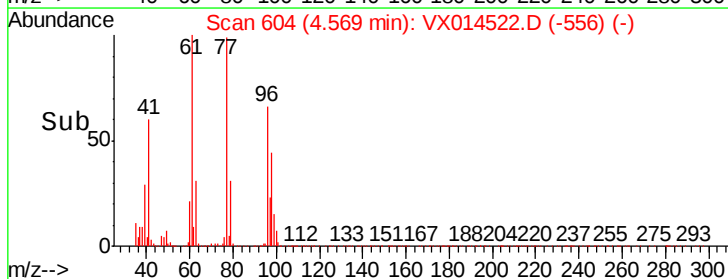
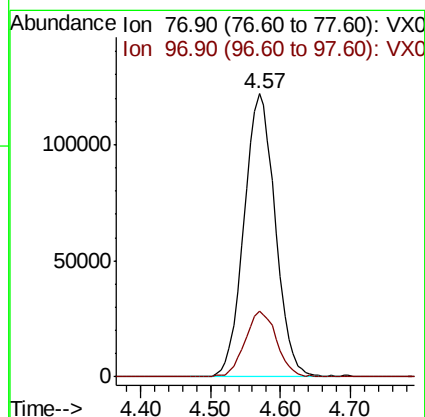
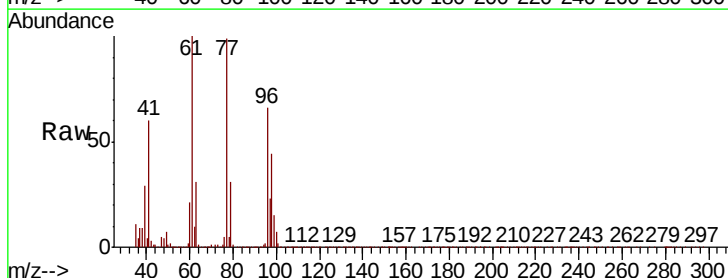
Acq: 10 Jan 2020 08:48

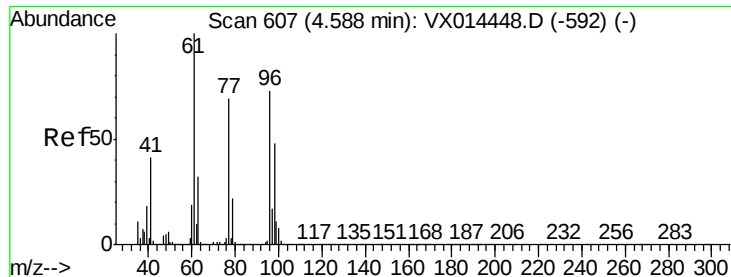
Tgt Ion: 77 Resp: 376331

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1





#27

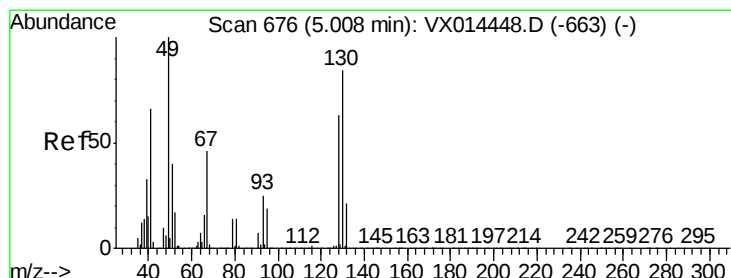
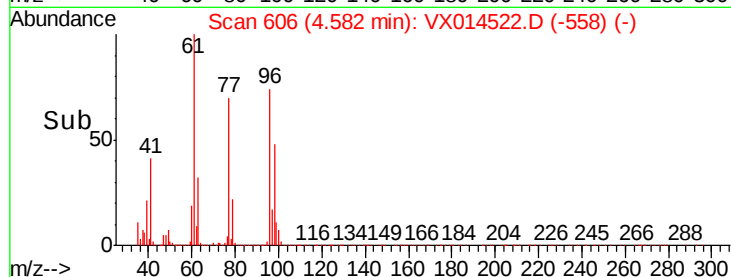
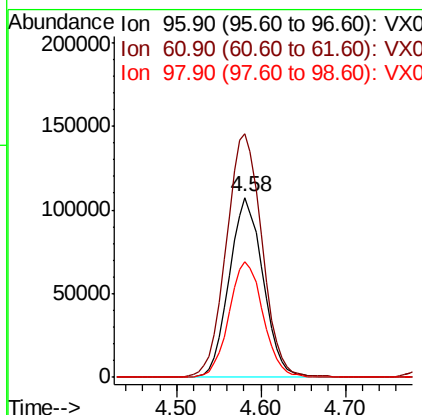
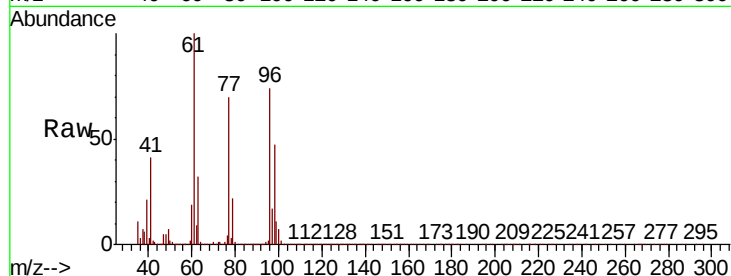
cis-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	291157		
61	144.0	0.0	285.4	
98	65.1	0.0	130.6	

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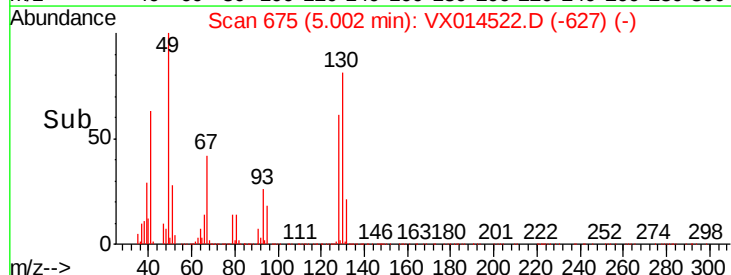
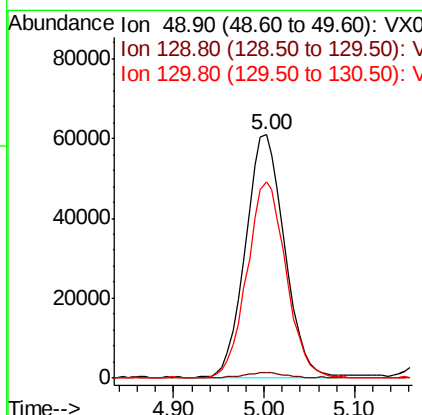
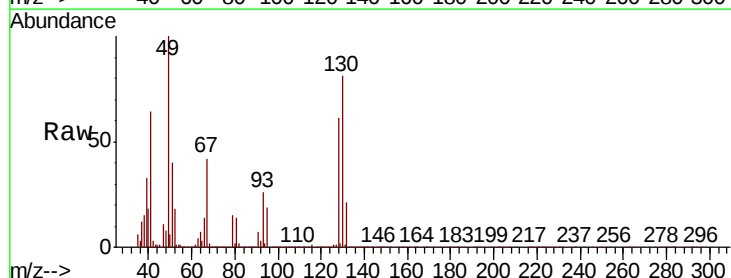
MMDadoda
1/13/2020 11:34:27 AM

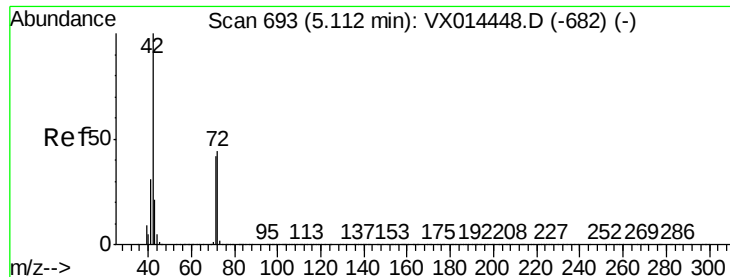


#28

Bromochloromethane
Concen: 45.503 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	180736		
129	2.5	0.0	4.4	
130	80.8	67.0	100.4	





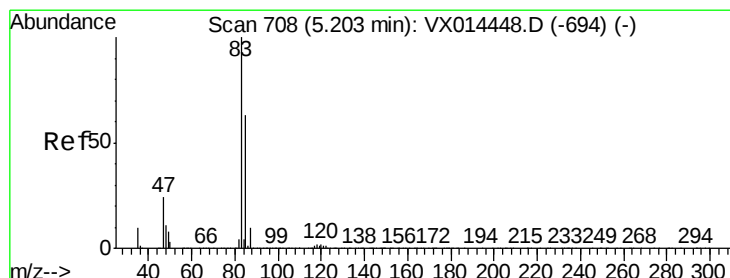
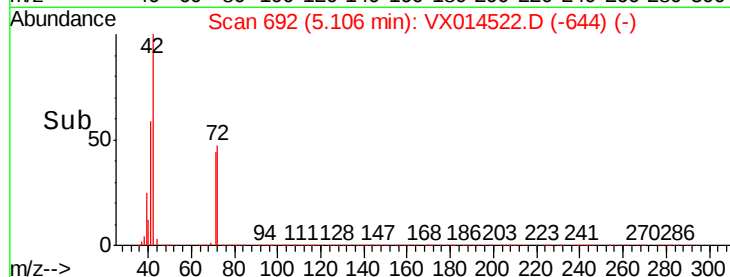
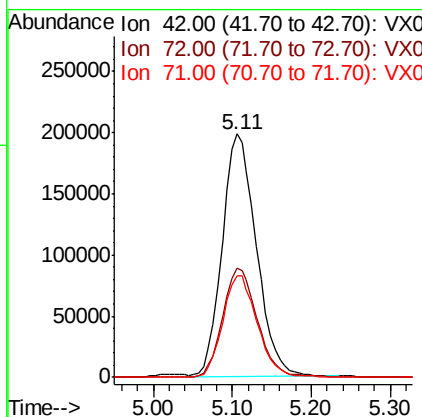
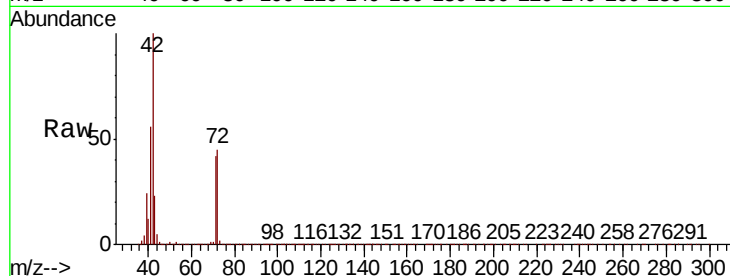
#29
Tetrahydrofuran
Concen: 234.240 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.2	54.4
71	42.3	34.1	51.1

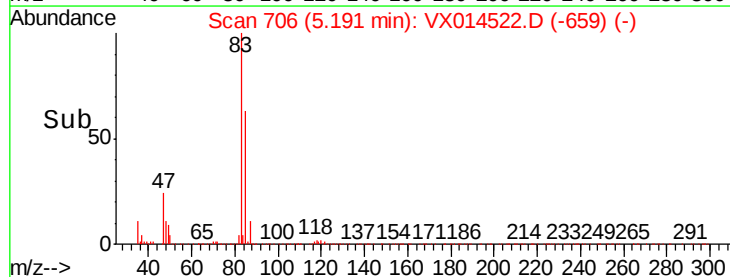
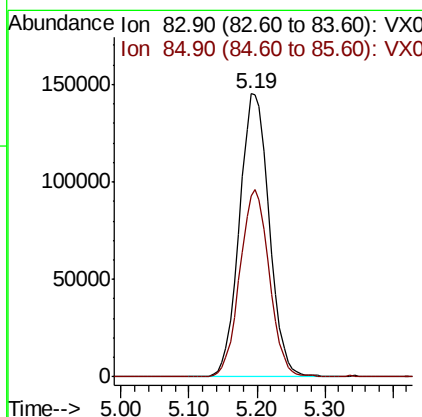
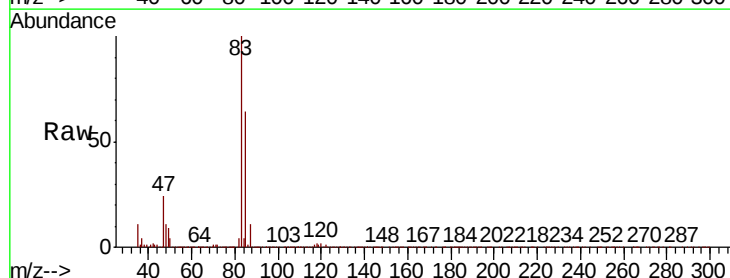
Manual Integrations
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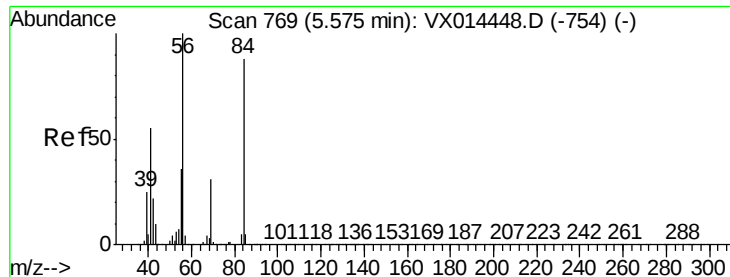
MMDadoda
1/13/2020 11:34:27 AM



#30
Chloroform
Concen: 48.003 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	75.8





#31

Cyclohexane

Concen: 49.792 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

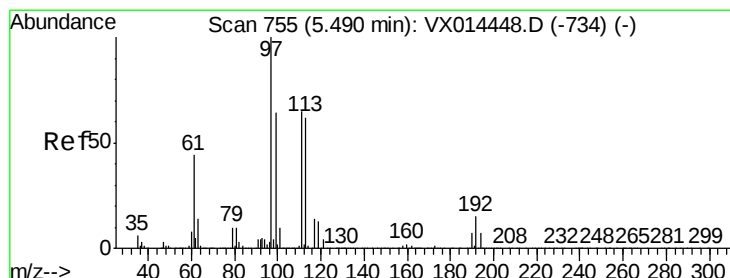
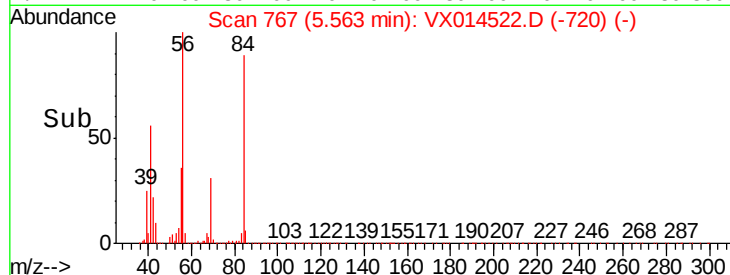
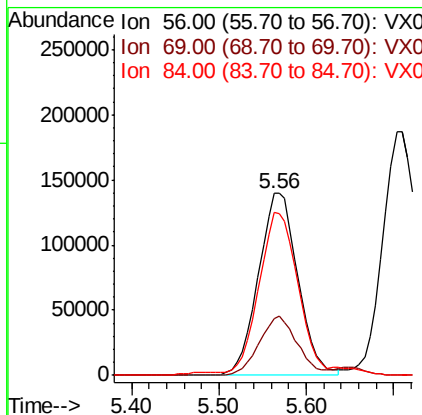
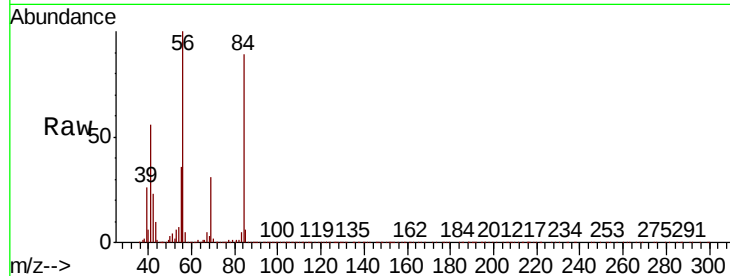
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	439321
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.4	36.6
84	88.3	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 48.254 ug/l

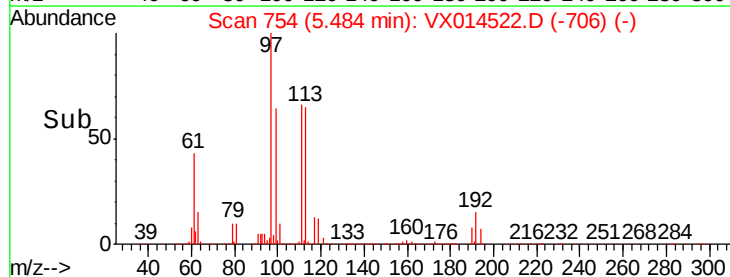
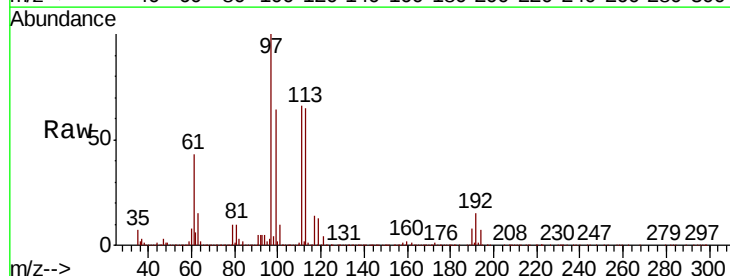
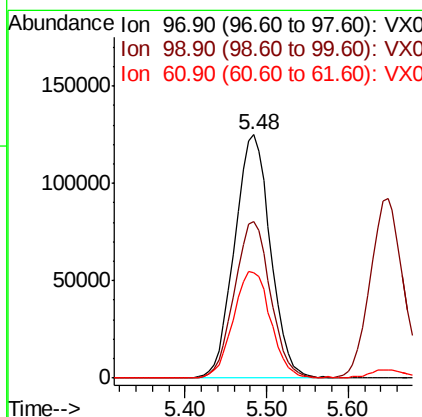
RT: 5.48 min Scan# 754

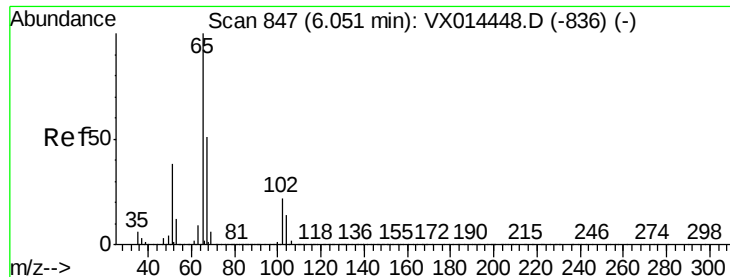
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	97	Resp:	380458
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.8	77.6
61	45.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 47.438 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 273836

Ion Ratio Lower Upper

65 100

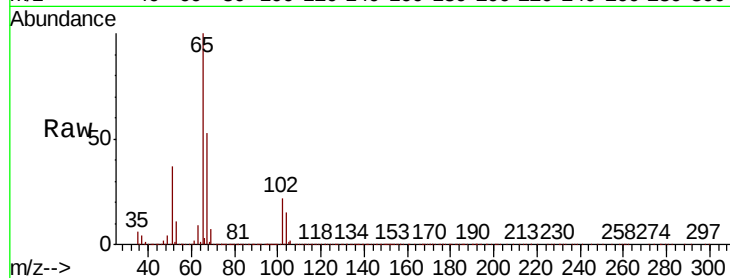
67 52.2 0.0 106.2

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

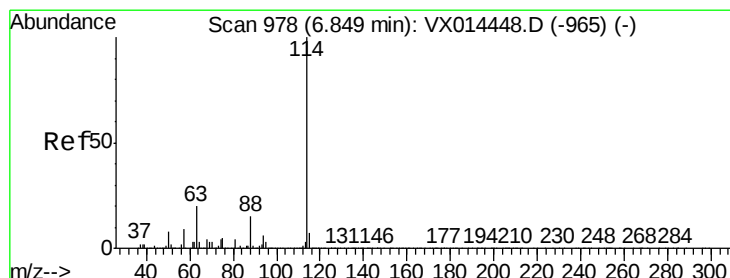
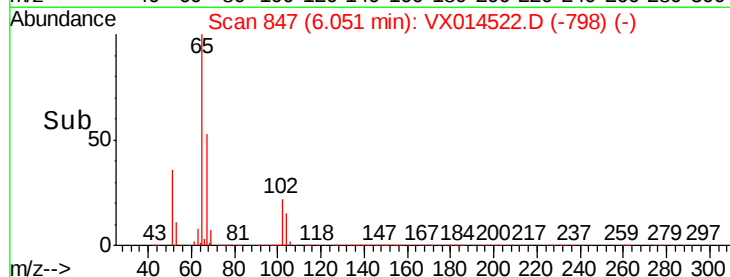
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

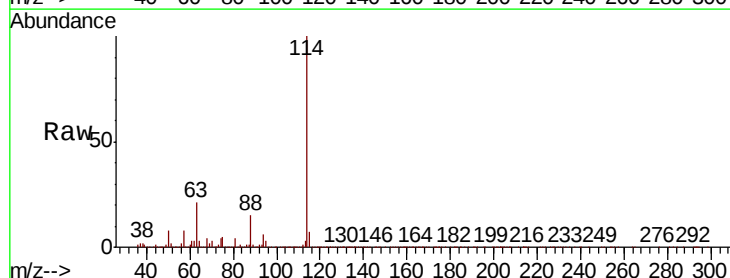
Tgt Ion: 114 Resp: 763261

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

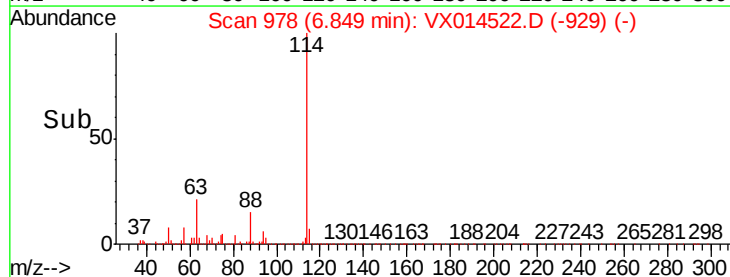
300000

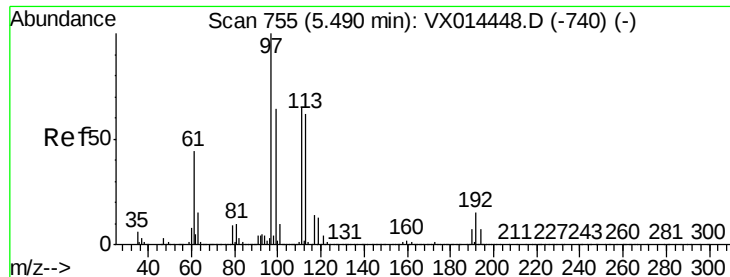
200000

100000

0

Time-->





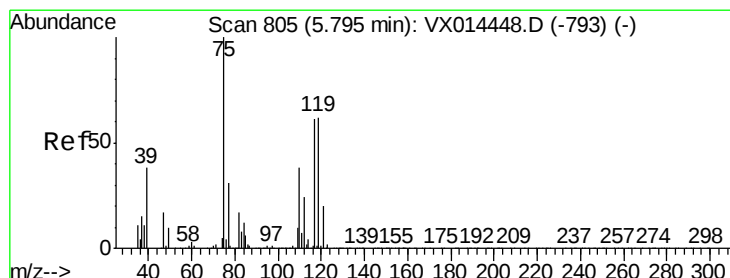
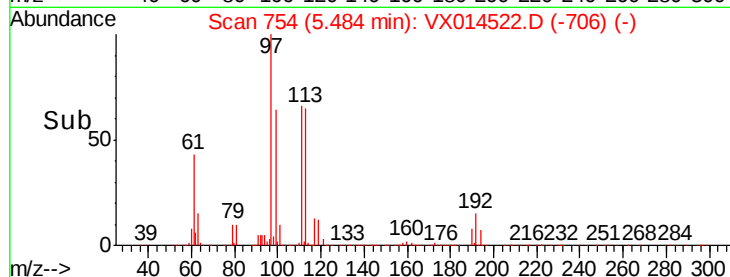
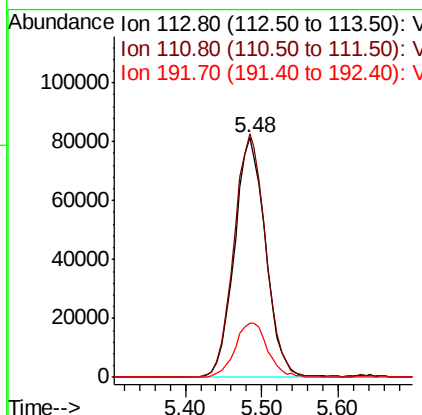
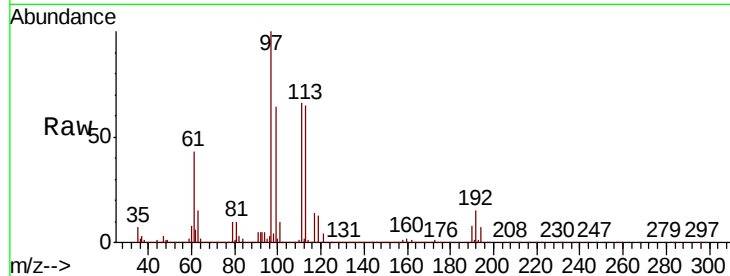
#35
Dibromofluoromethane
Concen: 49.601 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229176		
111	103.0	81.5	122.3	
192	23.8	19.2	28.8	

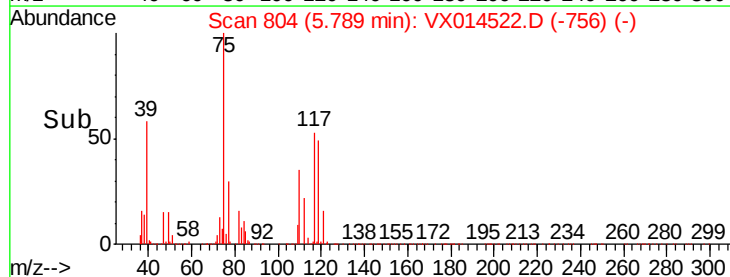
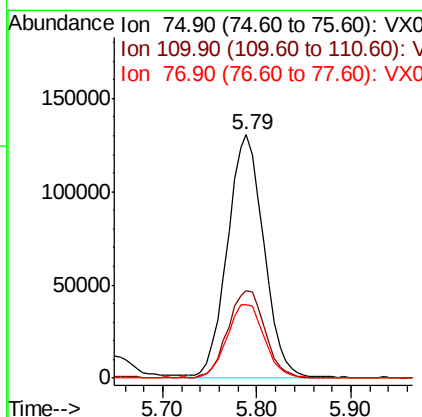
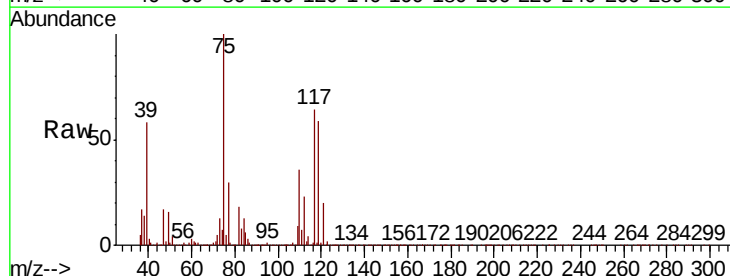
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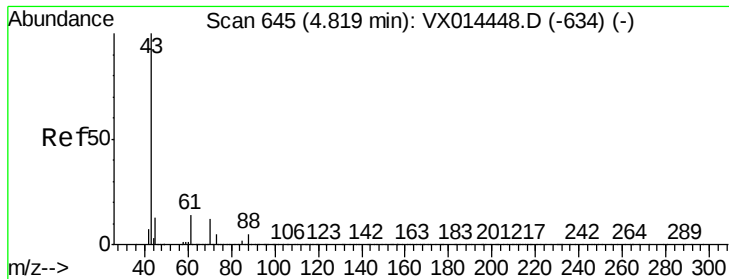
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#36
1,1-Dichloropropene
Concen: 48.570 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	348621		
110	36.7	18.6	55.8	
77	31.1	24.5	36.7	





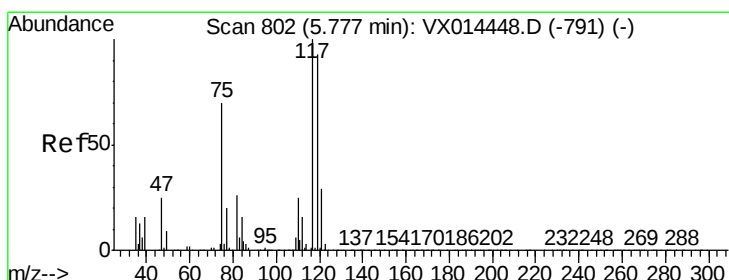
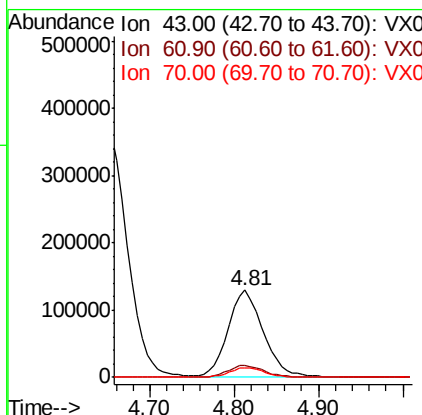
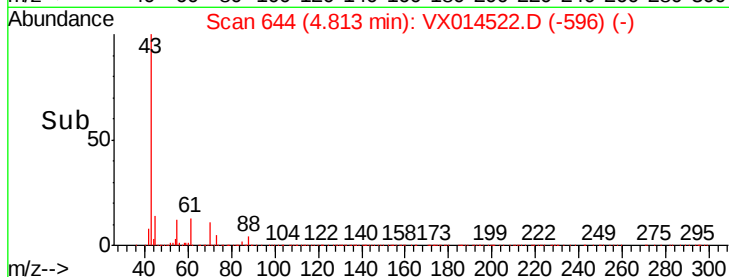
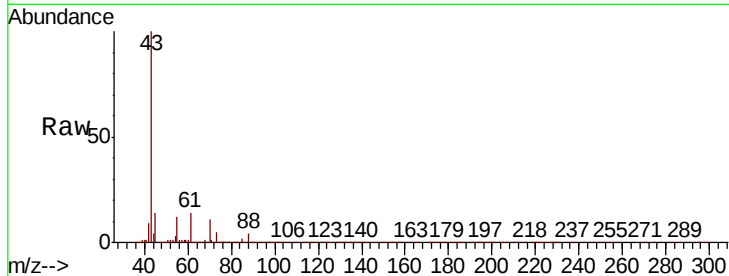
#37
Ethyl Acetate
Concen: 46.877 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.8	8.9	13.3

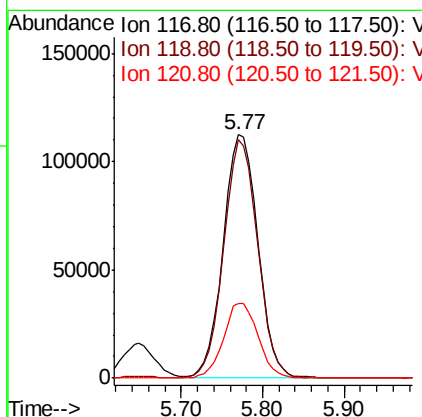
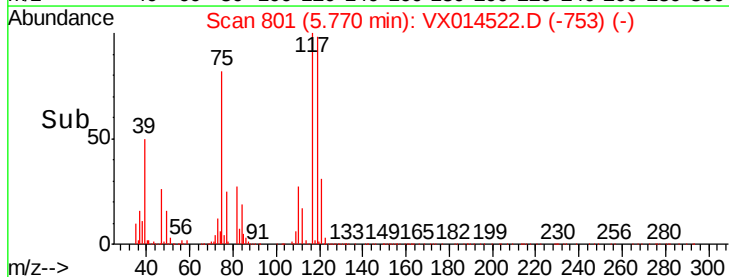
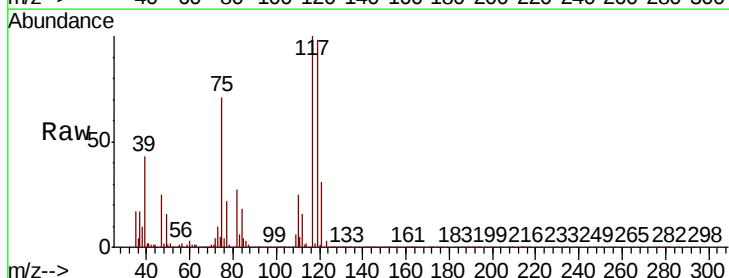
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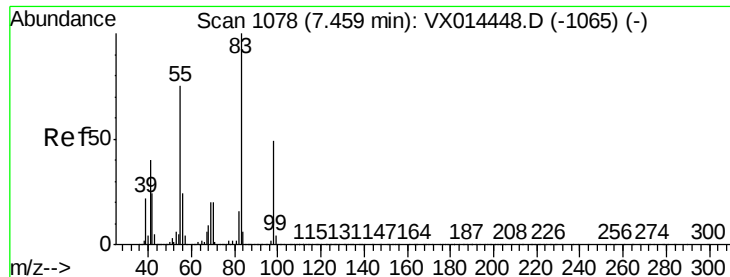
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1/13/2020 11:34:27 AM



#38
Carbon Tetrachloride
Concen: 50.008 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.8	110.8
121	30.5	23.4	35.0





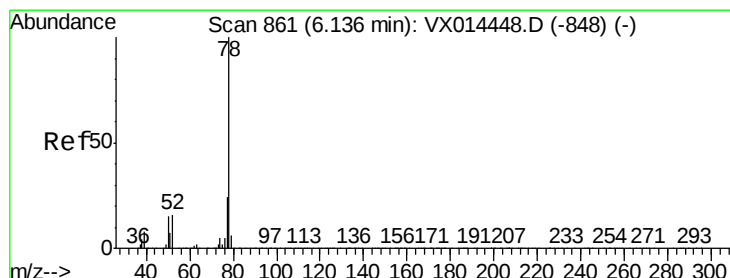
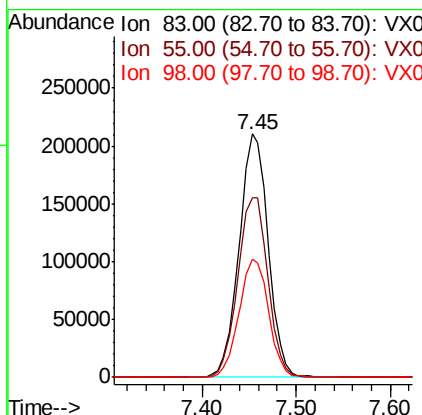
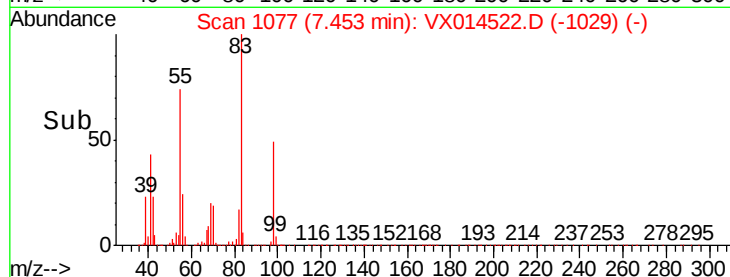
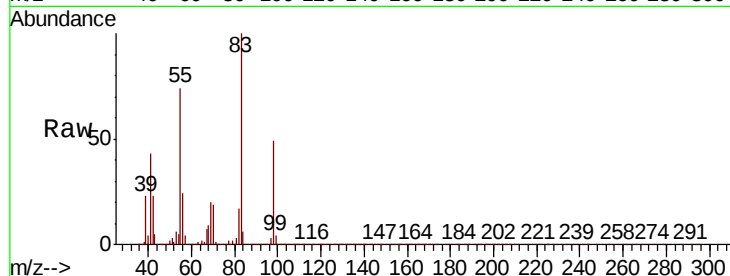
#39
Methvlcvclohexane
Concen: 50.322 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.7	89.5
98	48.6	39.1	58.7

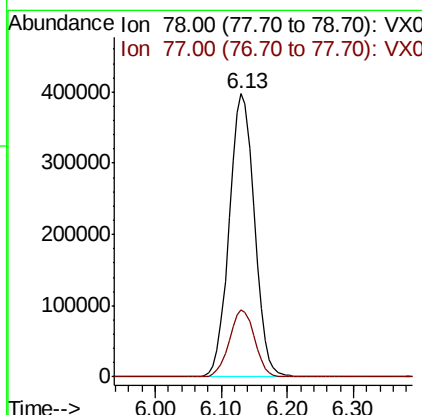
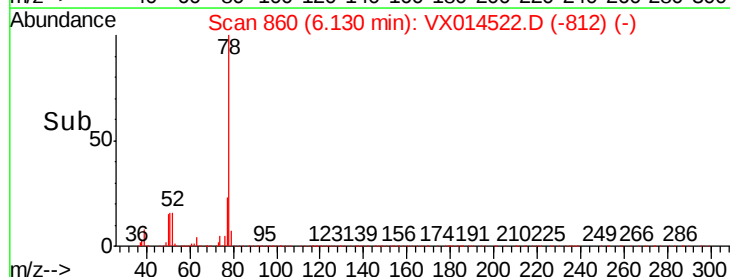
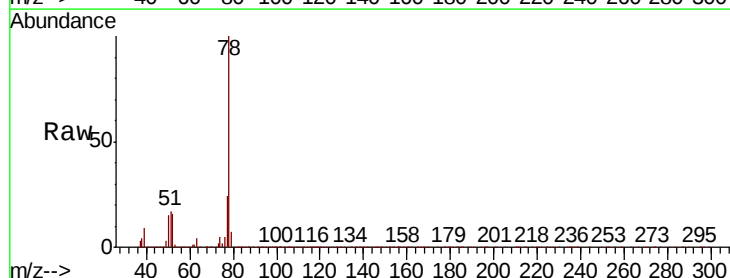
Manual Integrations
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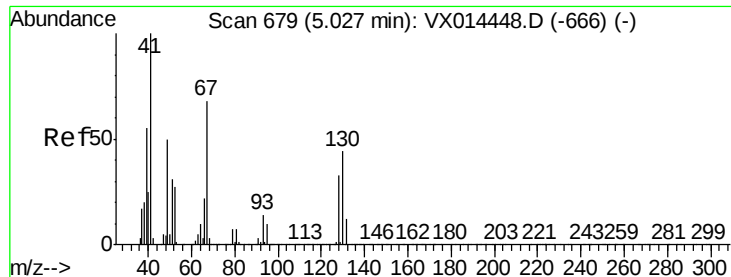
MMDadoda
1/13/2020 11:34:27 AM



#40
Benzene
Concen: 49.352 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





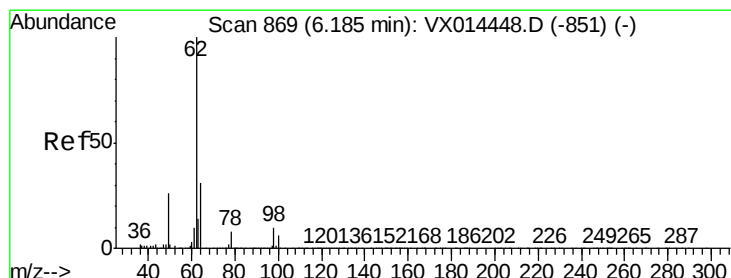
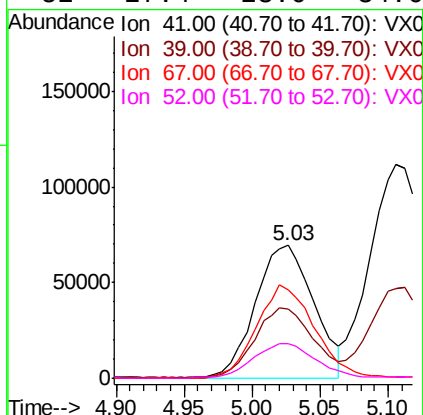
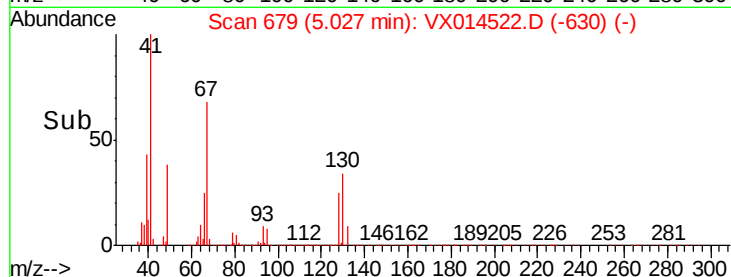
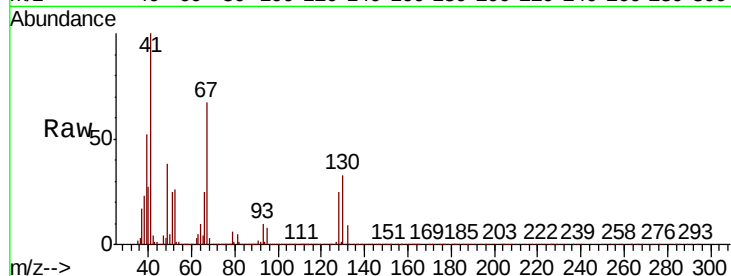
#41
Methacrylonitrile
Concen: 49.879 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.6	65.4
67	69.8	57.9	86.9
52	27.4	23.0	34.6

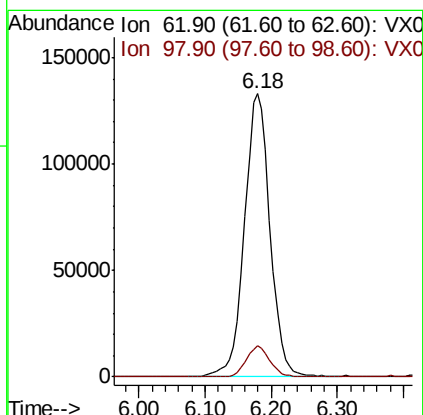
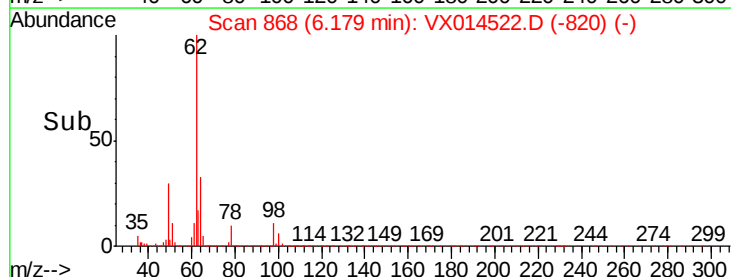
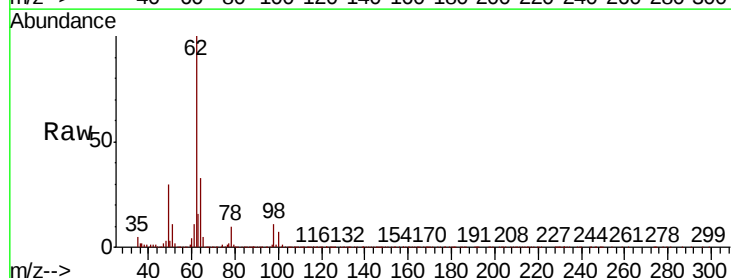
Manual Integrations
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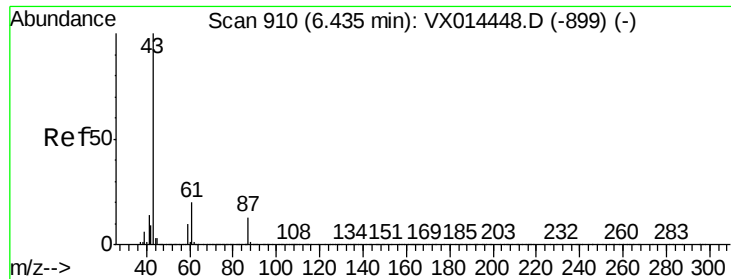
MMDadoda
1/13/2020 11:34:27 AM



#42
1,2-Dichloroethane
Concen: 47.573 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

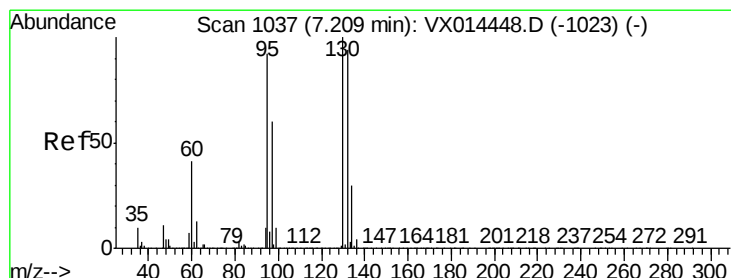
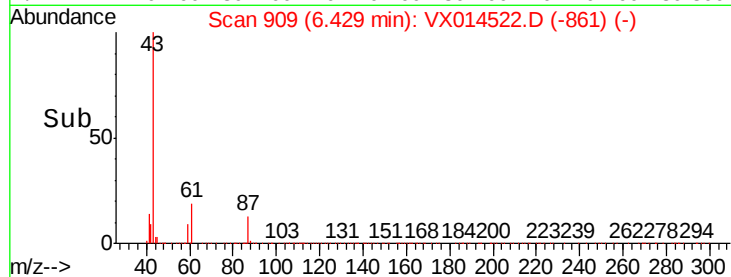
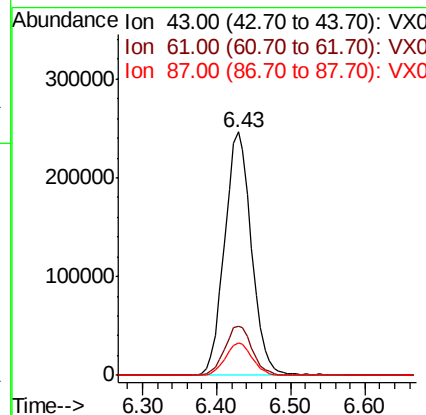
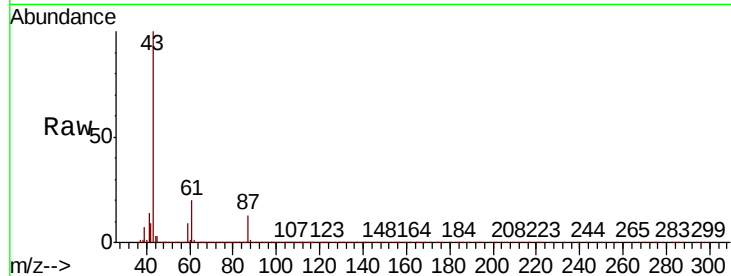
Isopropyl Acetate
 Concen: 48.948 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	13.2	10.8	16.2

Manual Integrations
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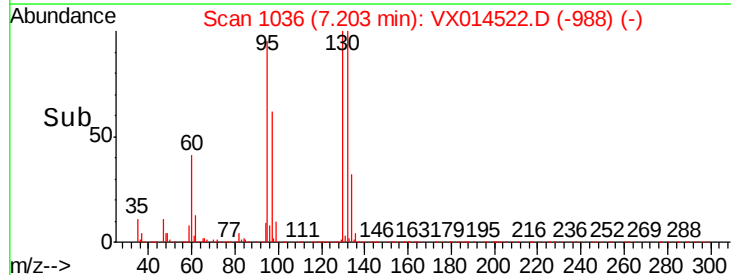
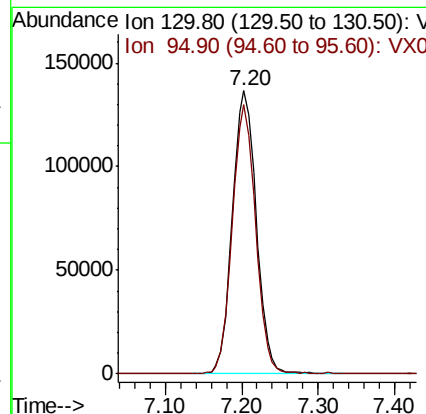
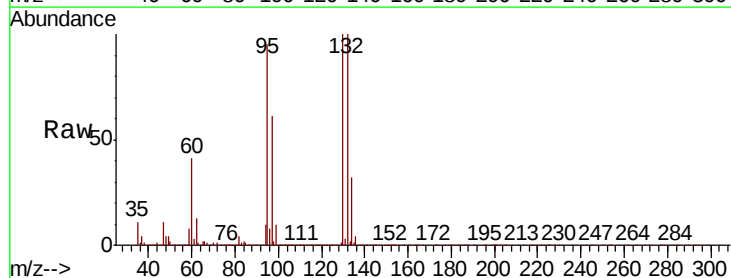
MMDadoda
 1/13/2020 11:34:27 AM

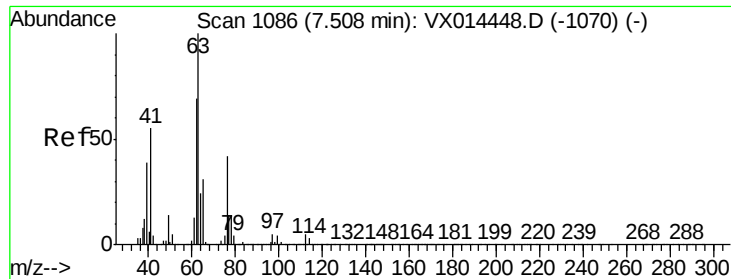


#44

Trichloroethene
 Concen: 48.264 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	184.2





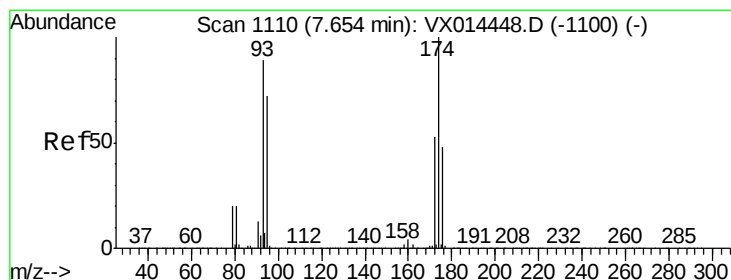
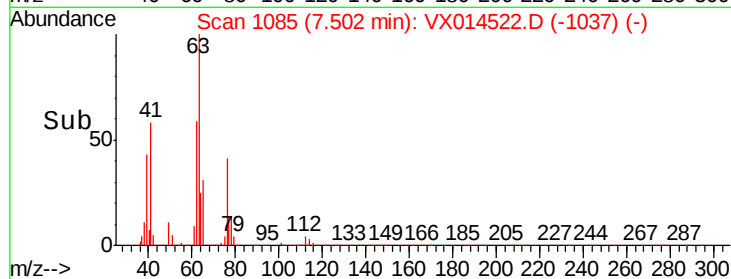
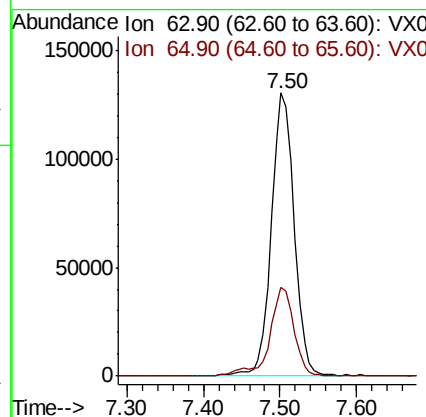
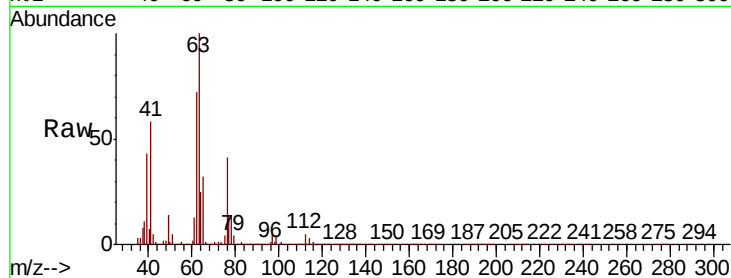
#45
 1,2-Dichloropropane
 Concen: 50.142 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.8	37.2

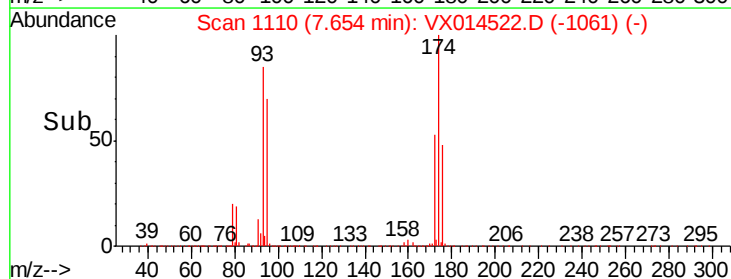
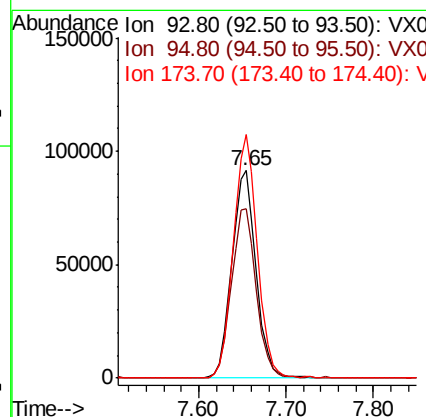
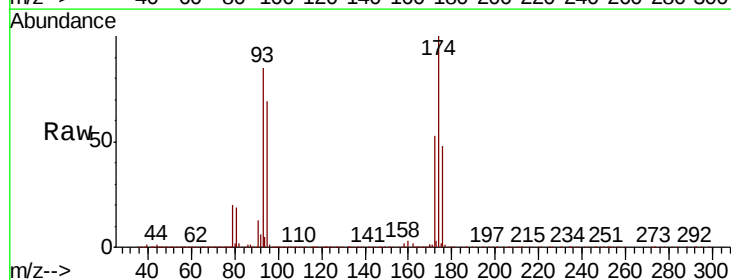
Manual Integrations
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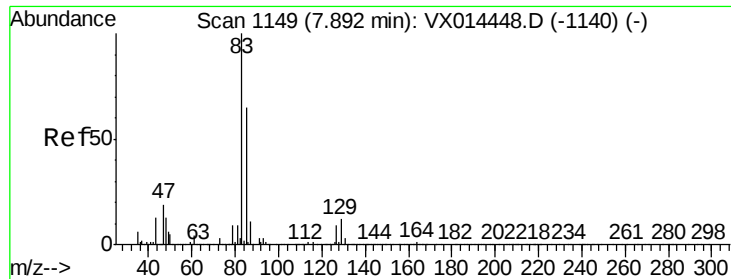
MMDadoda
 1/13/2020 11:34:27 AM



#46
 Dibromomethane
 Concen: 46.468 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.4	98.2
174	115.8	93.0	139.4





#47

Bromodichloromethane

Concen: 51.322 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

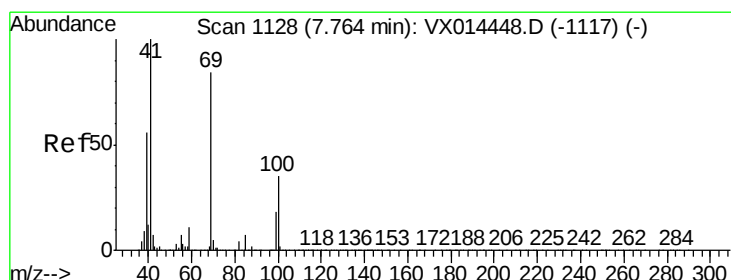
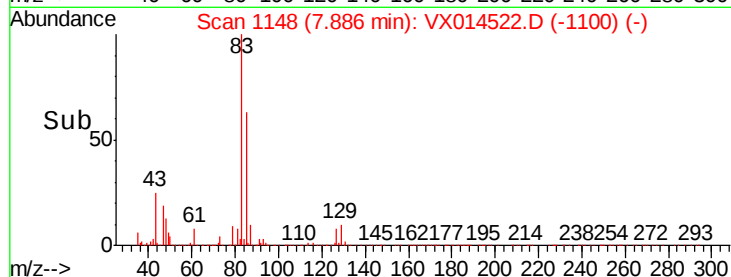
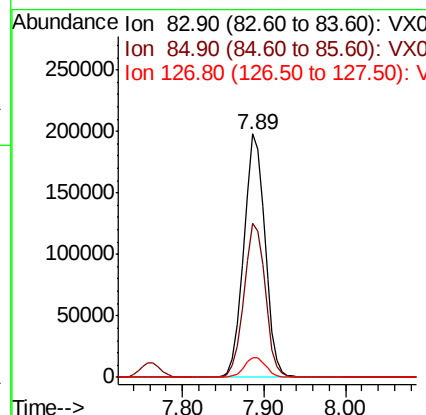
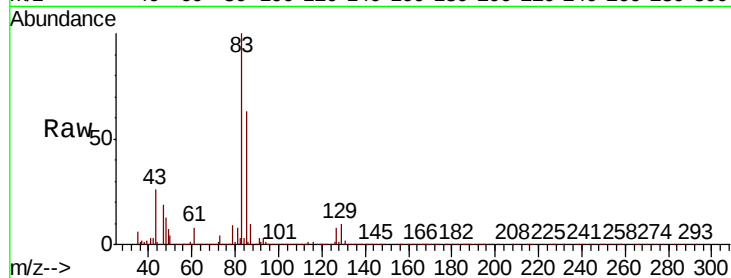
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	354011
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.7	77.5
127	8.1	7.1	10.7

Manual Integrations
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MMDadoda
1/13/2020 11:34:27 AM



#48

Methyl methacrylate

Concen: 50.006 ug/l

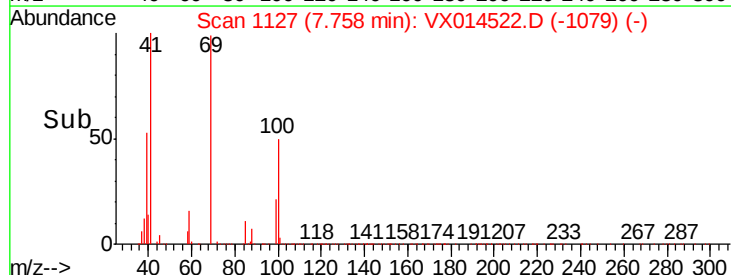
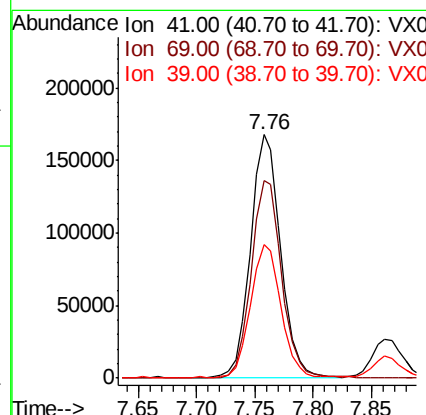
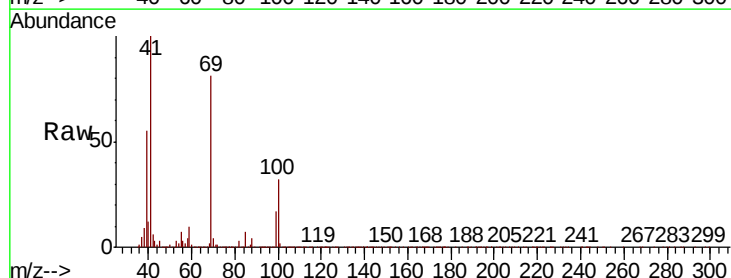
RT: 7.76 min Scan# 1127

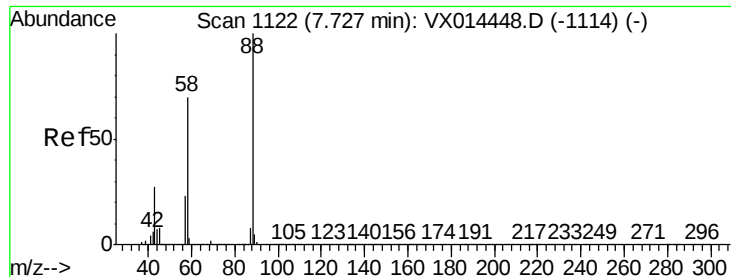
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	41	Resp:	301647
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.5	98.3
39	55.6	43.9	65.9





#49

1,4-Dioxane

Concen: 987.954 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

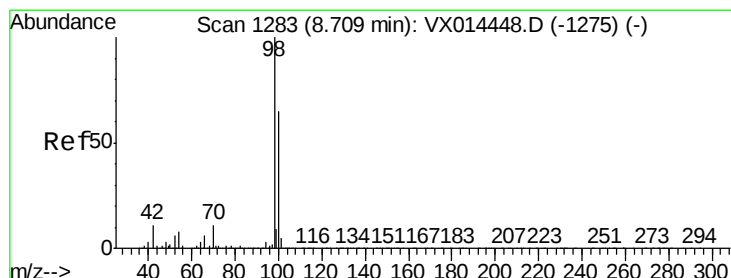
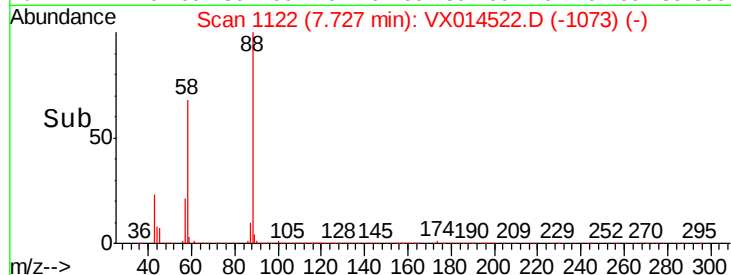
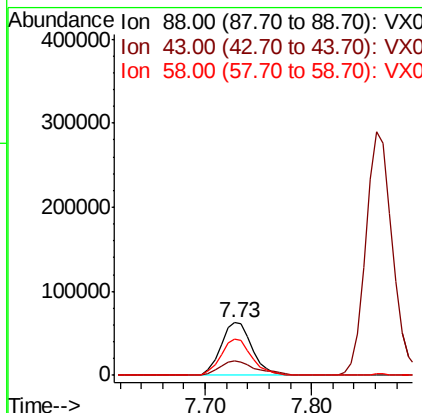
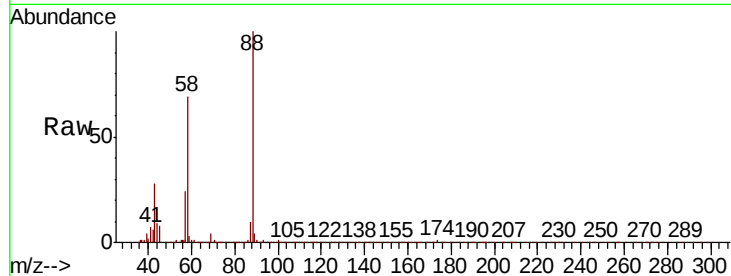
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.4	41.0
58	69.8	57.1	85.7

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#50

Toluene-d8

Concen: 49.485 ug/l

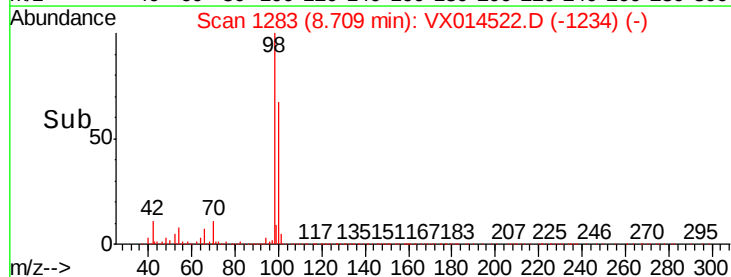
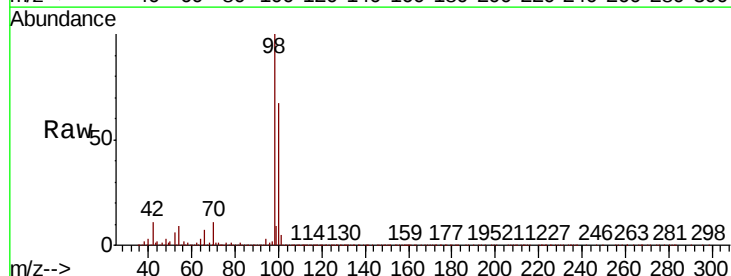
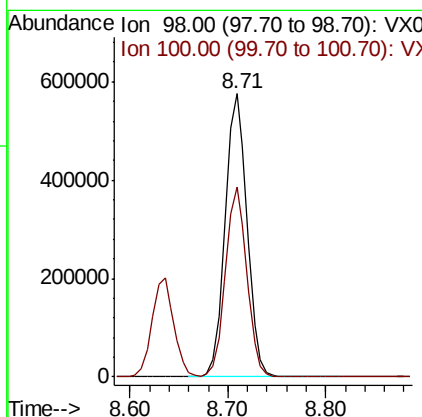
RT: 8.71 min Scan# 1283

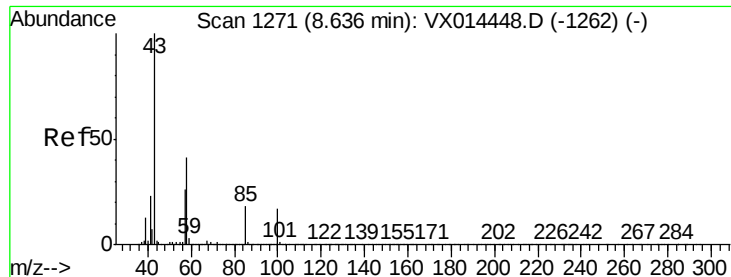
Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 244.883 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1879453

Ion Ratio Lower Upper

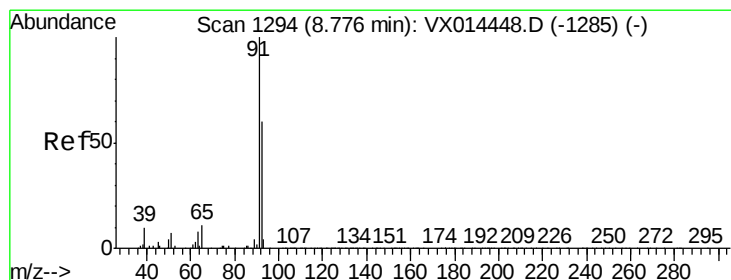
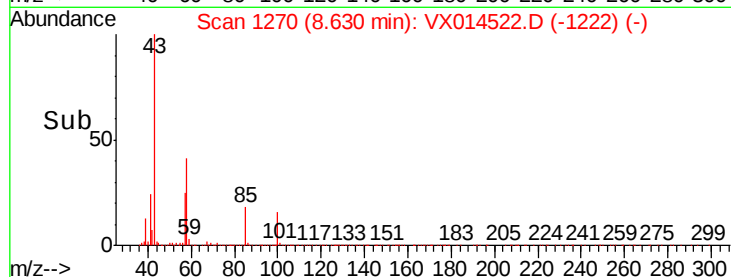
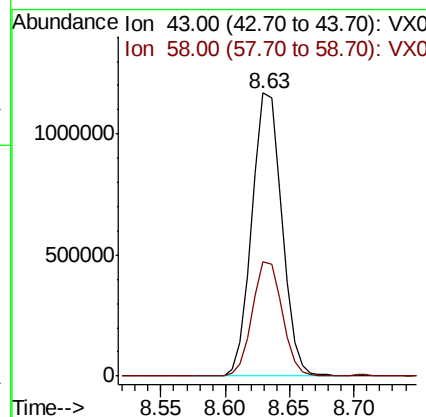
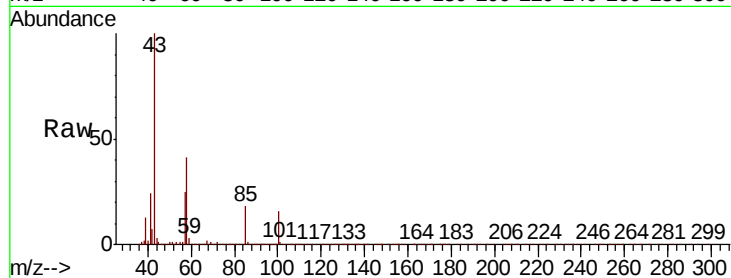
43 100

58 40.2 32.4 48.6

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#52

Toluene

Concen: 49.296 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014522.D

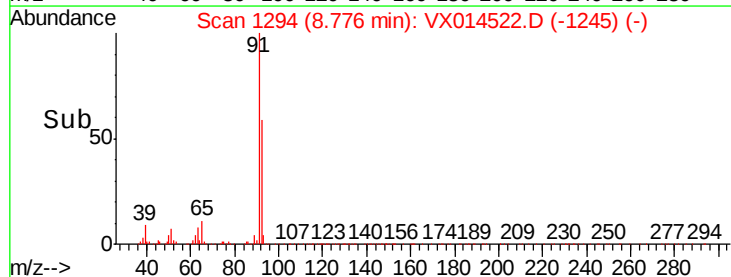
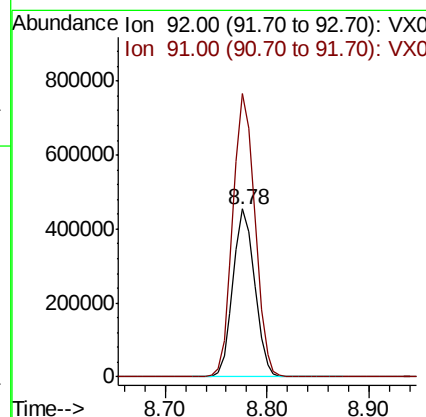
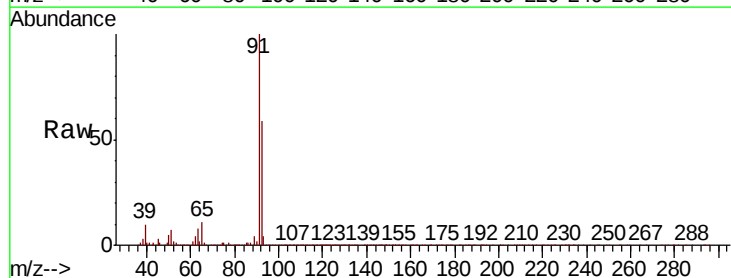
Acq: 10 Jan 2020 08:48

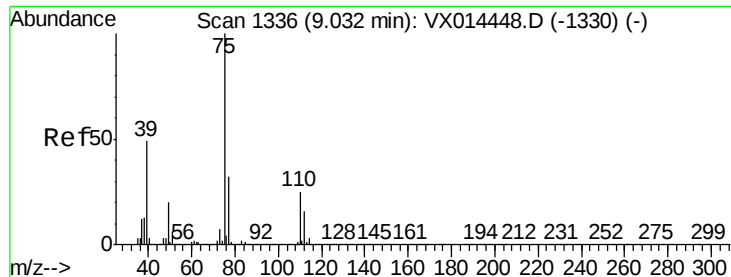
Tgt Ion: 92 Resp: 672260

Ion Ratio Lower Upper

92 100

91 171.1 135.7 203.5





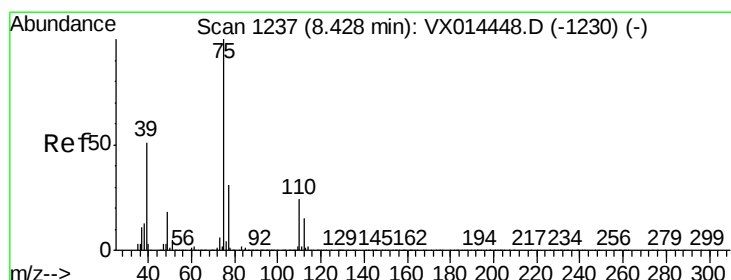
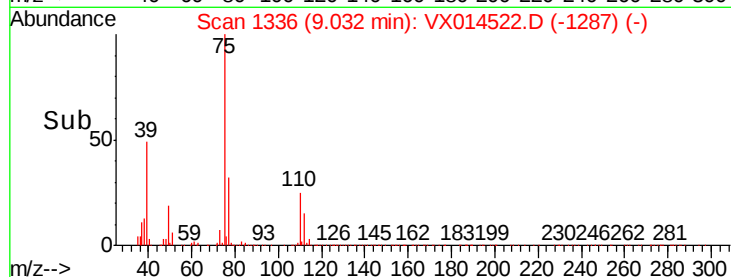
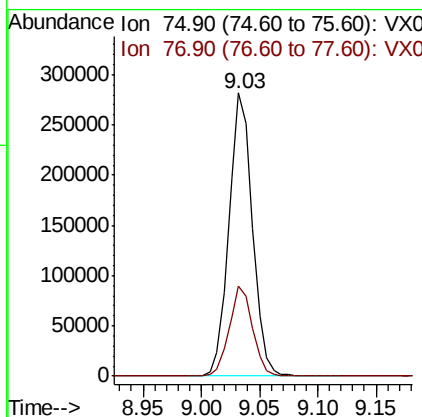
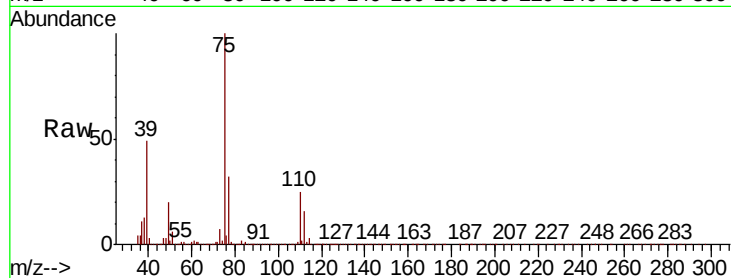
#53
t-1,3-Dichloropropene
Concen: 49.149 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

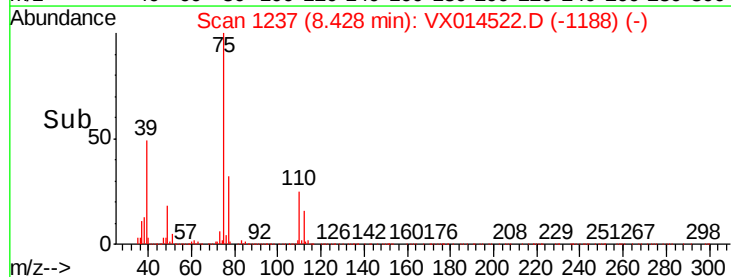
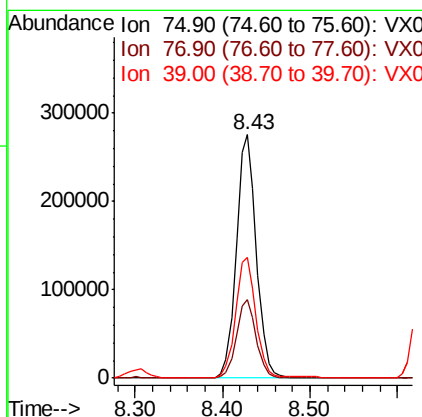
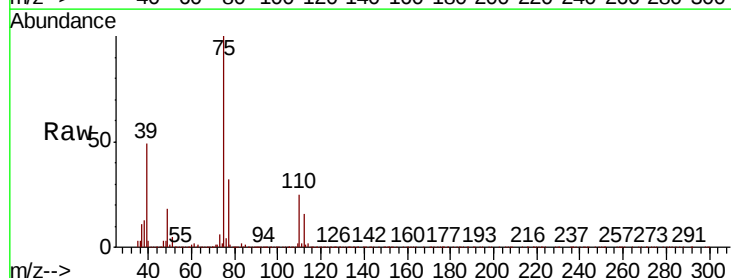
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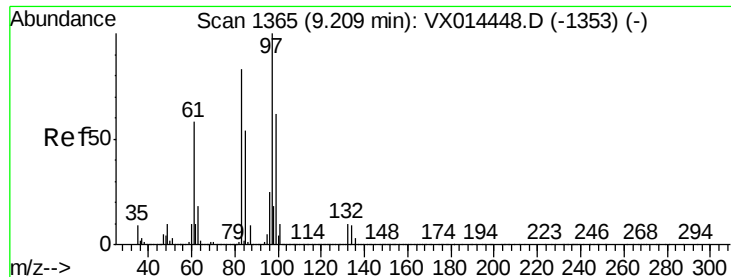
MMDadoda
1/13/2020 11:34:27 AM



#54
cis-1,3-Dichloropropene
Concen: 50.534 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4
39	49.4	40.7	61.1





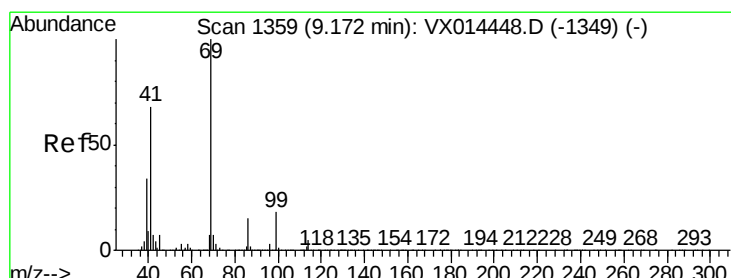
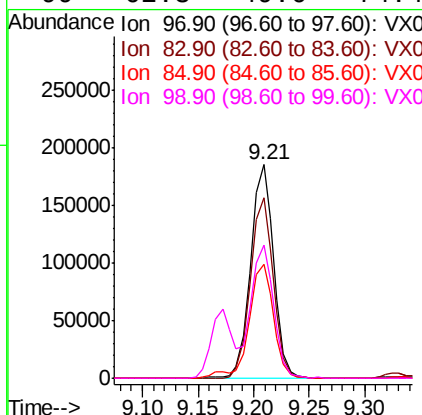
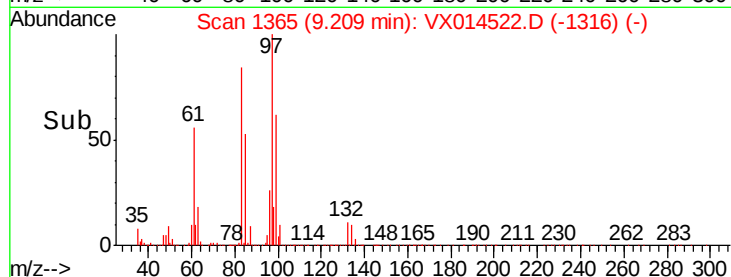
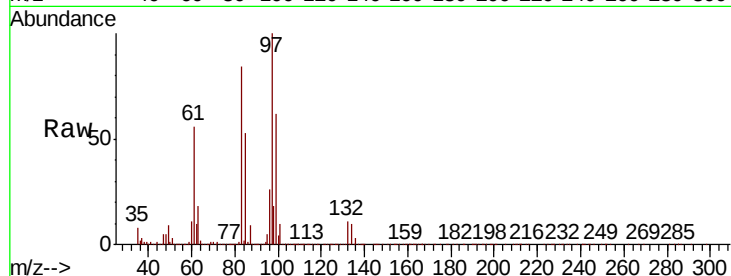
#55
 1,1,2-Trichloroethane
 Concen: 48.594 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.4	99.6
85	53.4	43.4	65.2
99	62.3	49.6	74.4

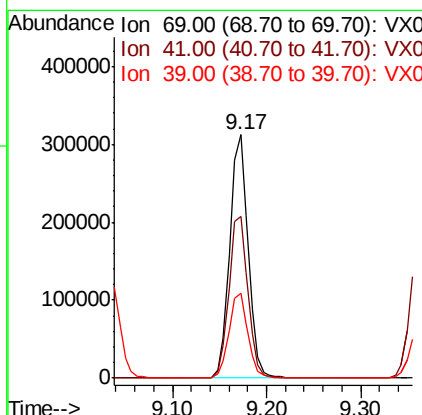
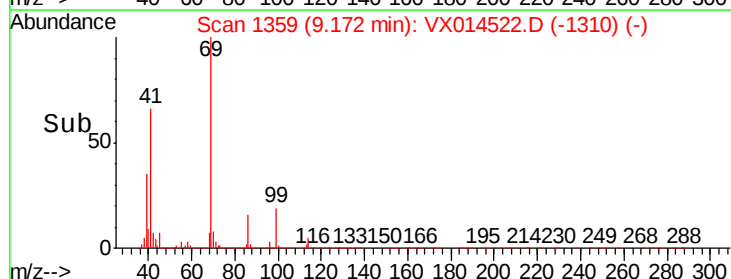
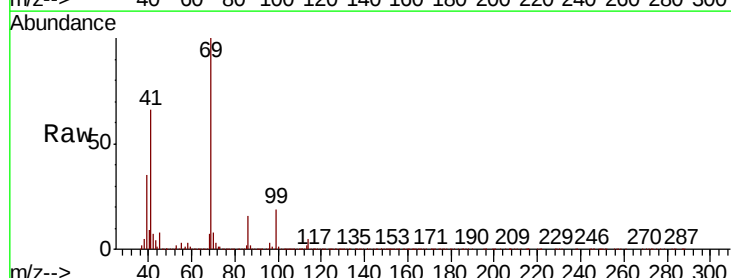
Manual Integrations
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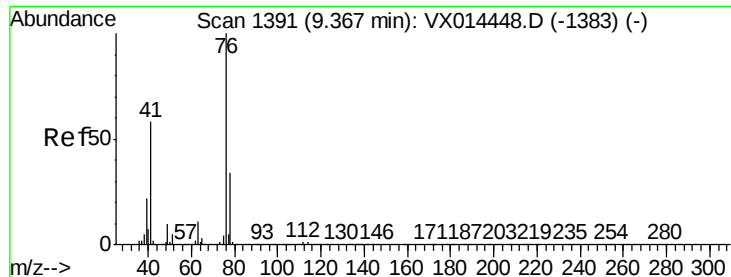
MMDadoda
 1/13/2020 11:34:27 AM



#56
 Ethyl methacrylate
 Concen: 50.404 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.2	81.2
39	35.4	28.2	42.2





#57

1,3-Dichloropropane

Concen: 48.973 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 448523

Ion Ratio Lower Upper

76 100

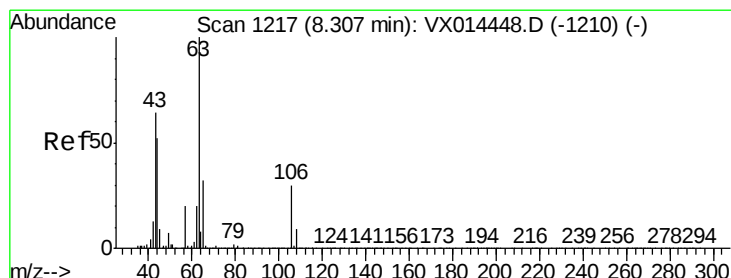
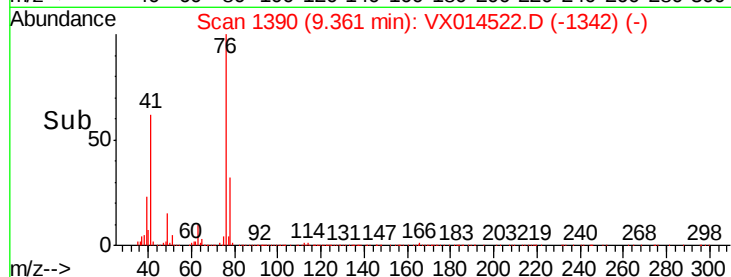
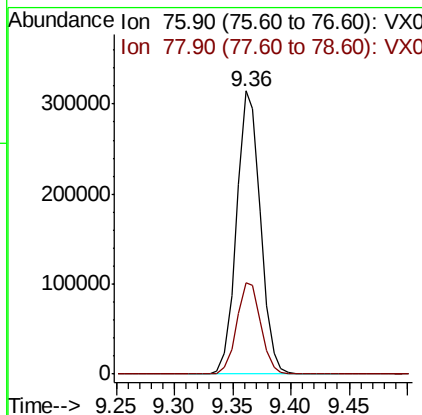
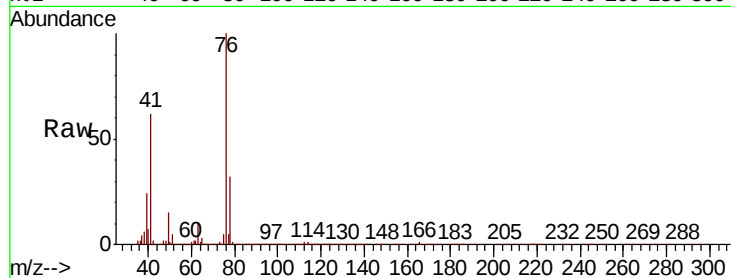
78 32.5 26.4 39.6

Manual Integrations

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MMDadoda

1/13/2020 11:34:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 269.447 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014522.D

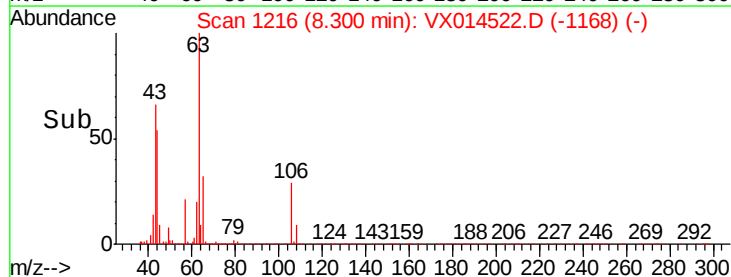
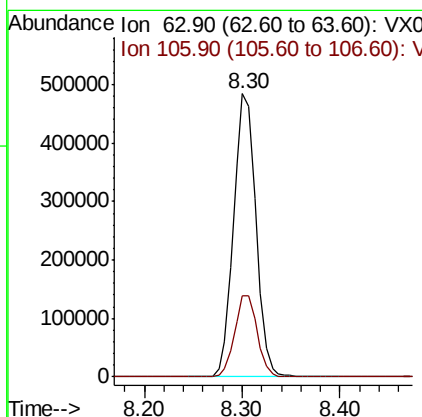
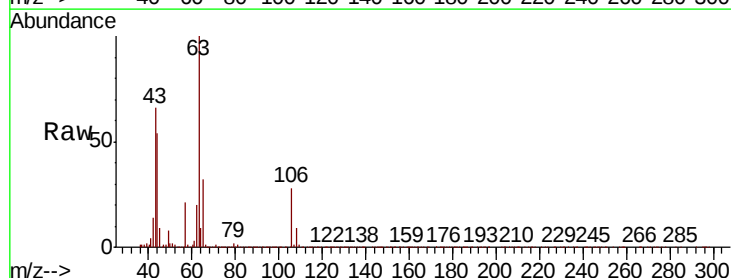
Acq: 10 Jan 2020 08:48

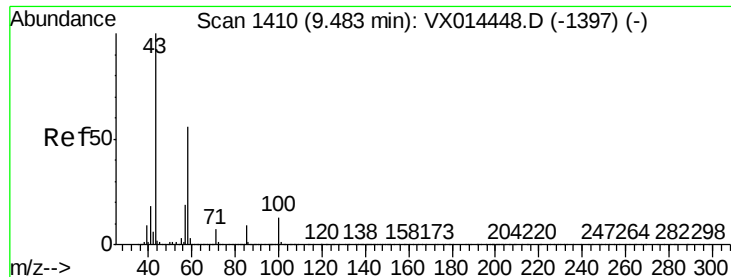
Tgt Ion: 63 Resp: 769327

Ion Ratio Lower Upper

63 100

106 28.9 23.6 35.4





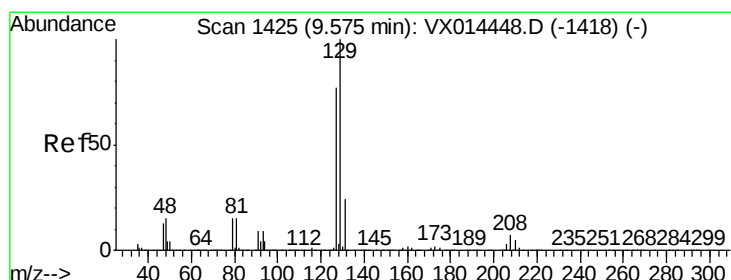
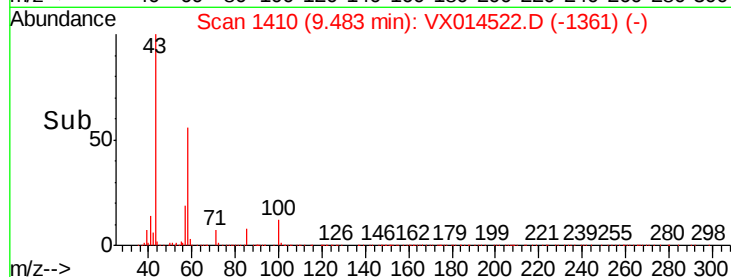
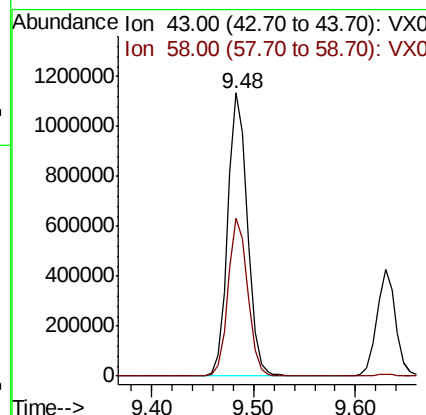
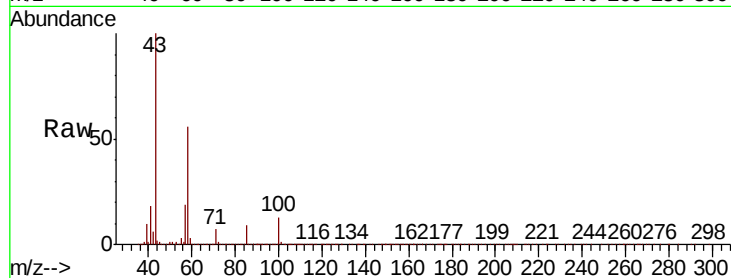
#59
2-Hexanone
Concen: 249.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1515318
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7

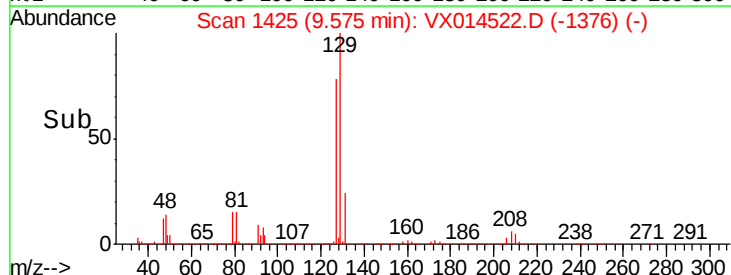
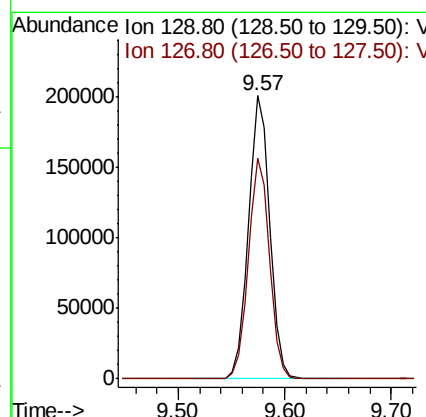
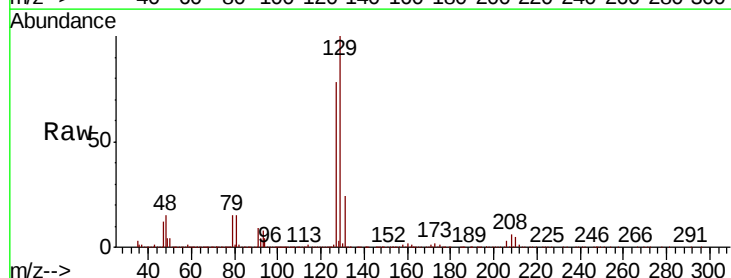
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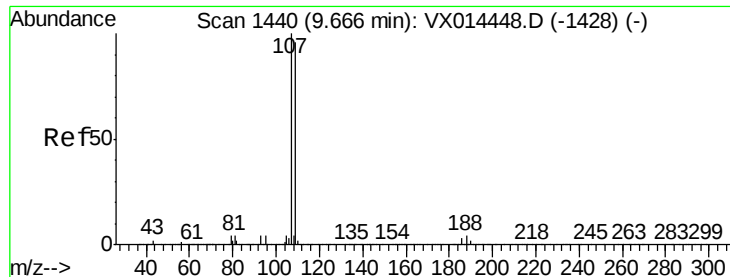
MMDadoda
1/13/2020 11:34:27 AM



#60
Dibromochloromethane
Concen: 51.227 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 129 Resp: 282037
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.431 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 275209

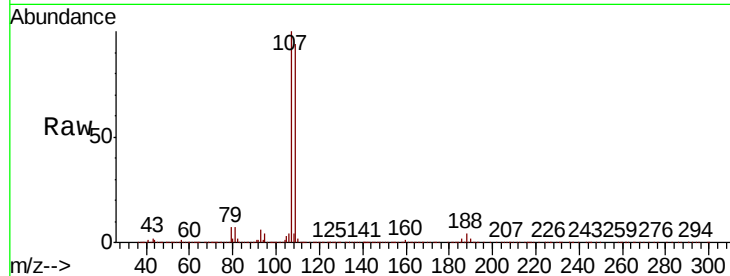
Ion Ratio Lower Upper

107 100

109 95.0 76.5 114.7

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1/13/2020 11:34:27 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

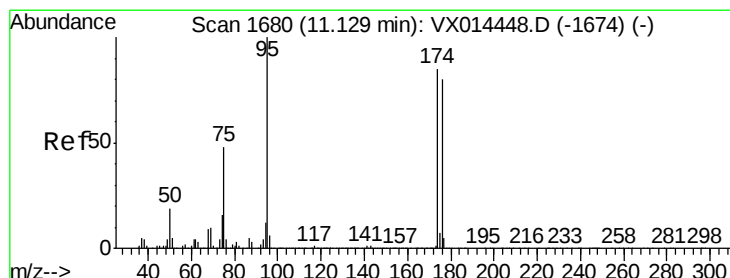
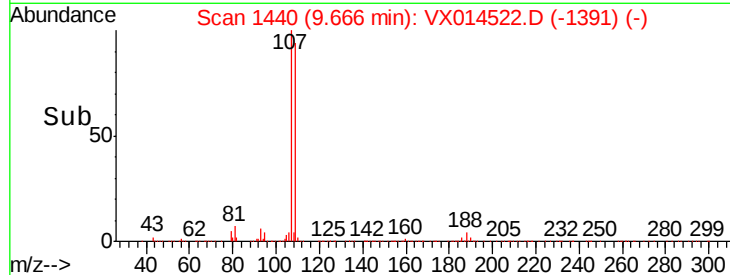
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.393 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

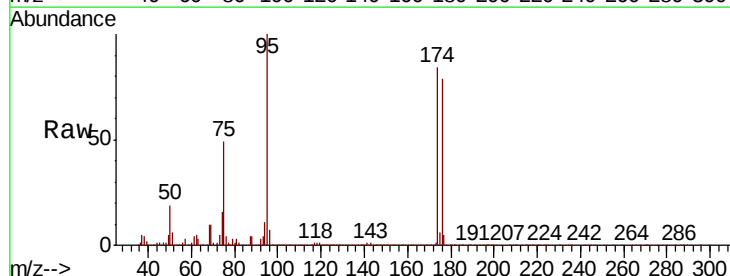
Tgt Ion: 95 Resp: 318541

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.8

176 86.1 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

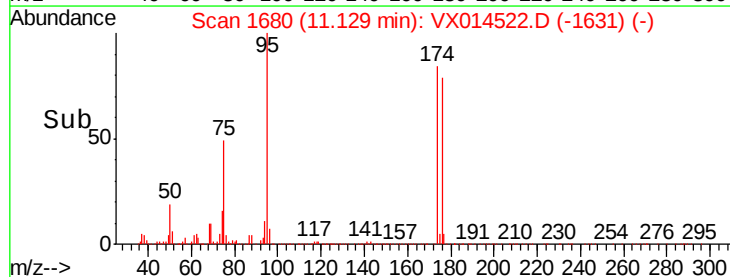
300000

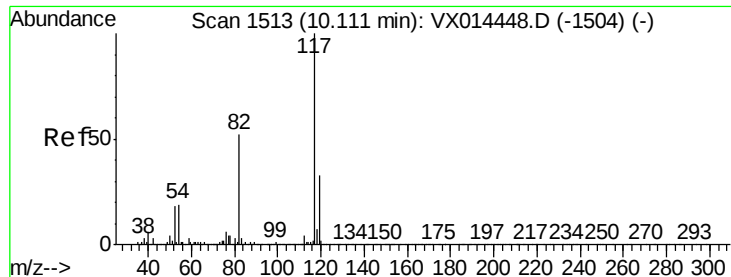
200000

100000

0

Time-->





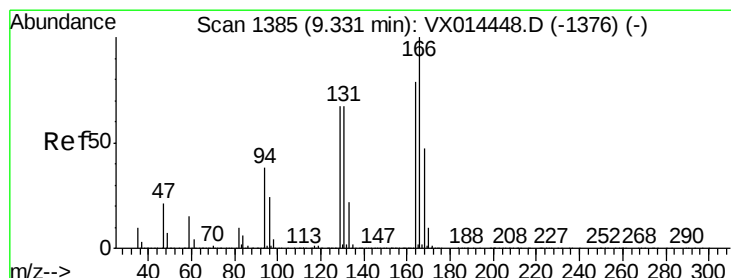
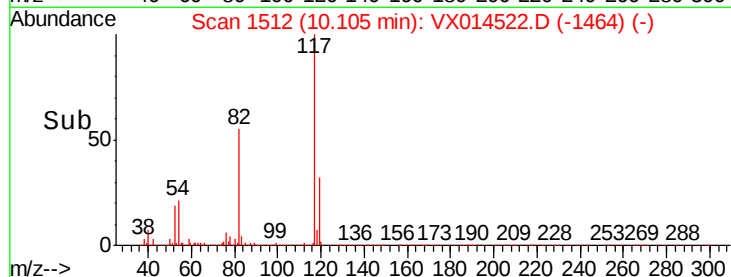
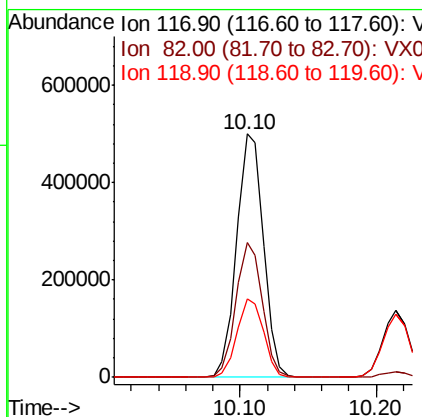
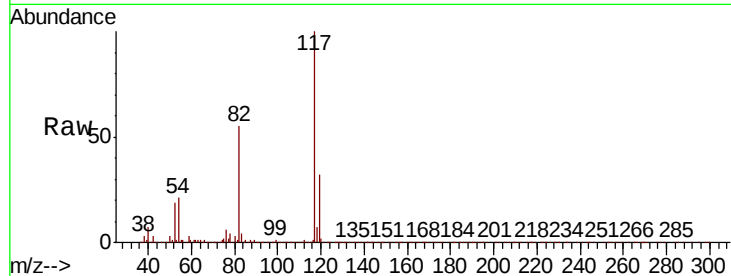
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.6
119	32.0	26.2	39.4

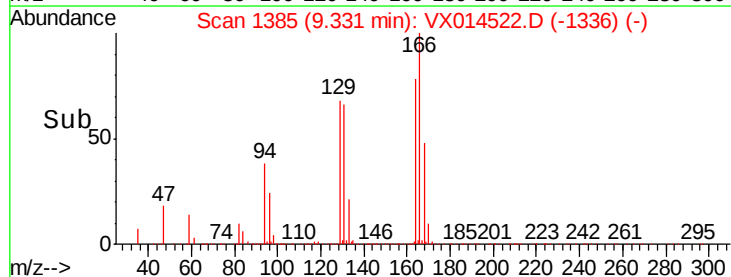
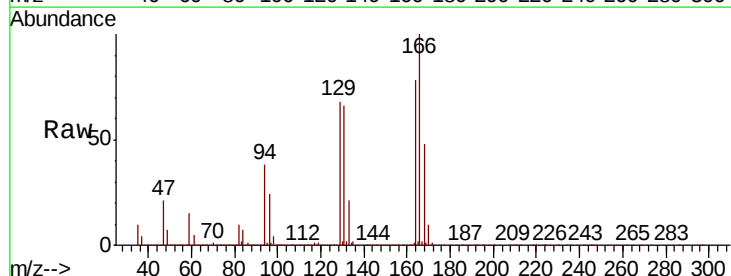
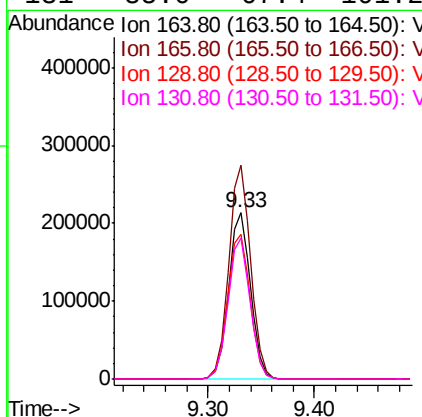
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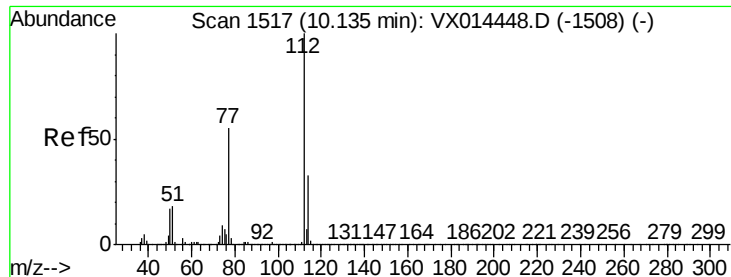
MMDadoda
1/13/2020 11:34:27 AM



#64
Tetrachloroethene
Concen: 44.808 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.2	151.8
129	87.2	68.3	102.5
131	85.0	67.4	101.2





#65

Chlorobenzene

Concen: 47.915 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 713055

Ion Ratio Lower Upper

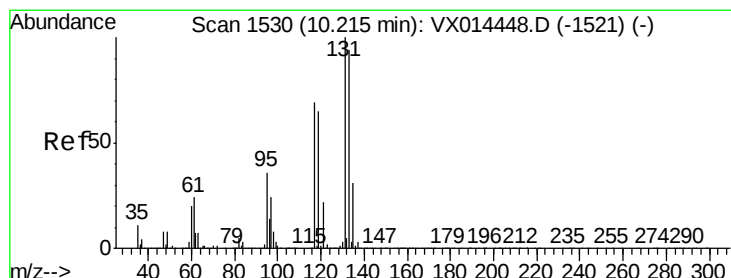
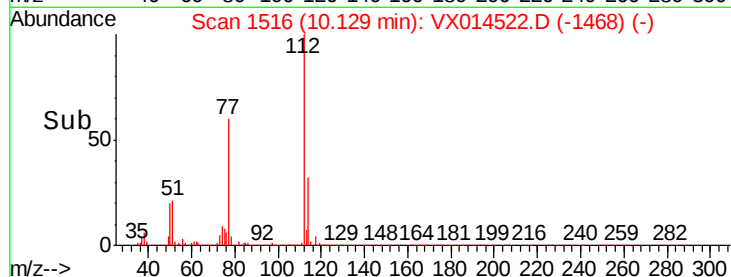
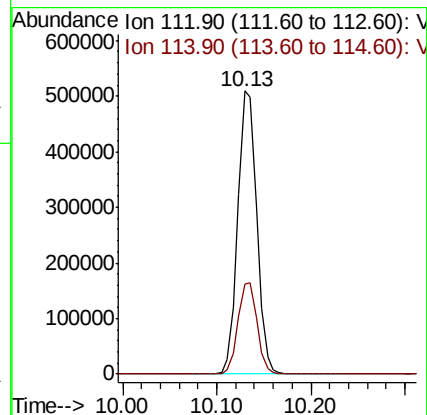
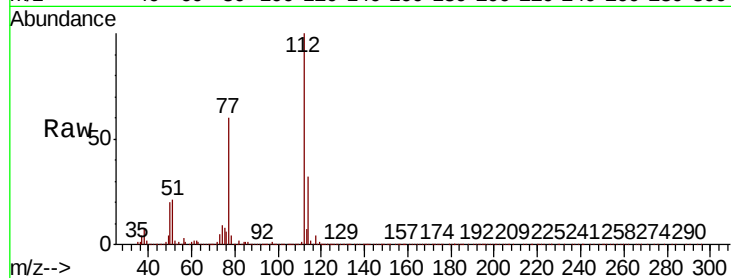
112 100

114 32.0 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 49.463 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

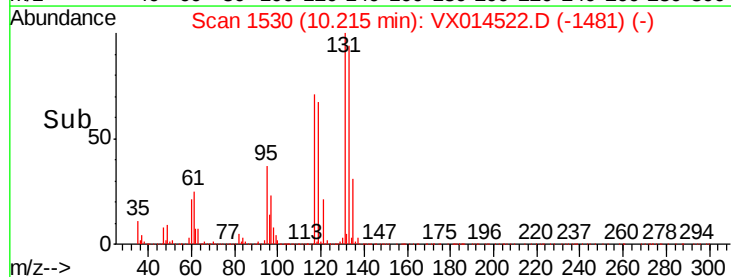
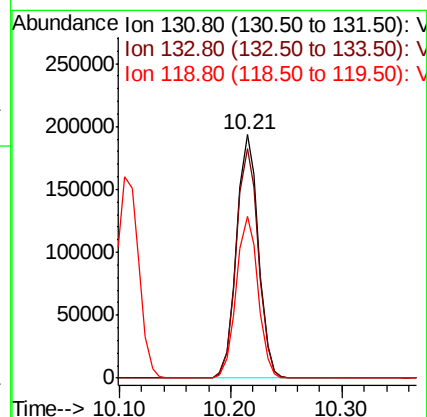
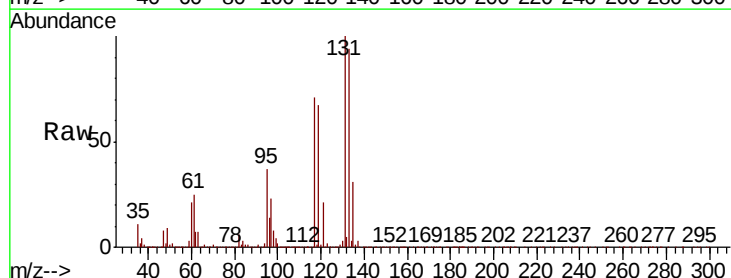
Tgt Ion:131 Resp: 262693

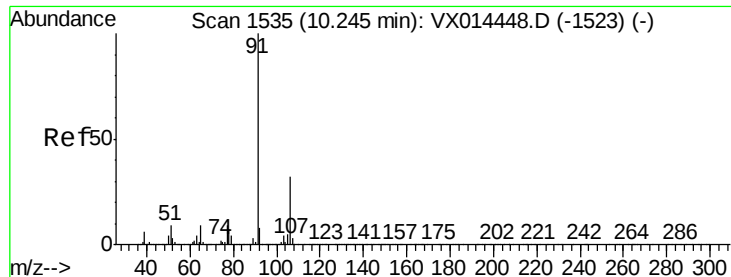
Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

119 66.5 32.8 98.4





#67

Ethyl Benzene

Concen: 50.391 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1278183

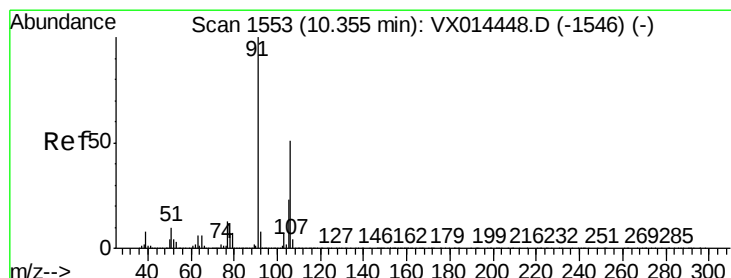
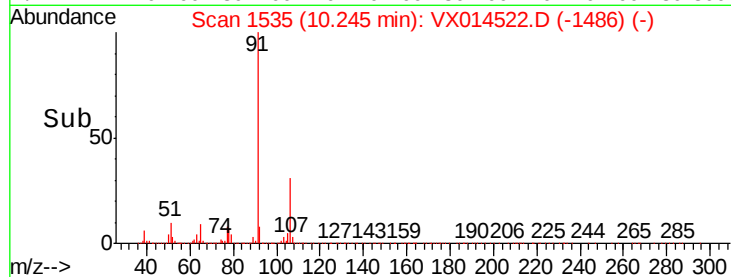
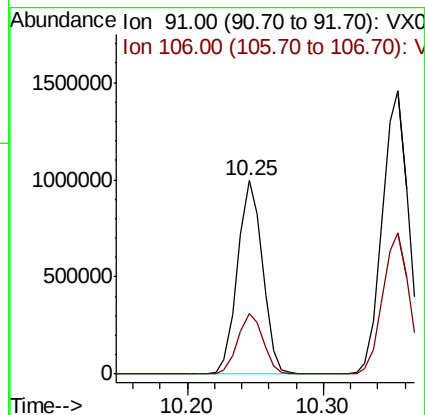
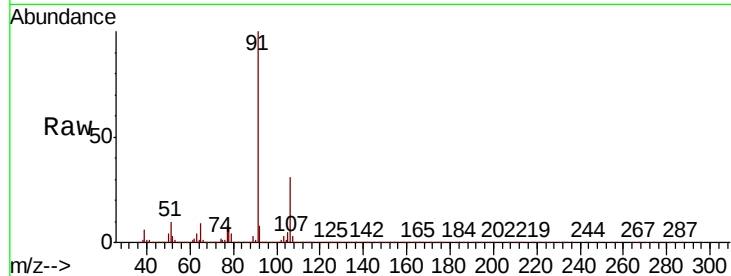
Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4

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#68

m/p-Xylenes

Concen: 99.875 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014522.D

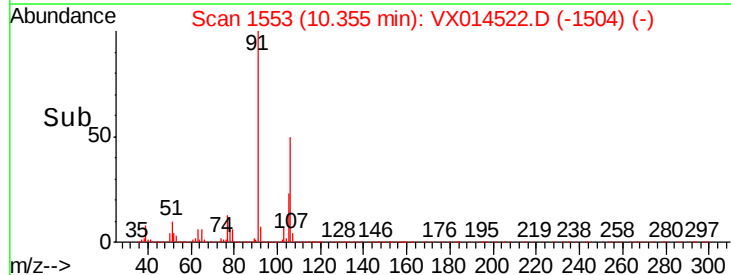
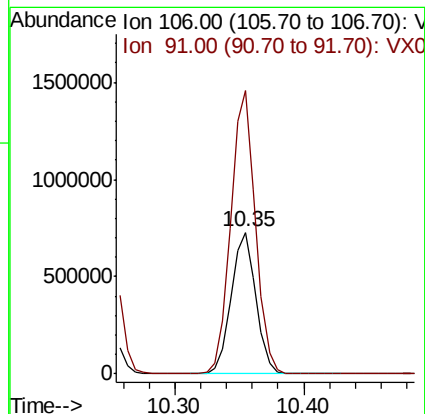
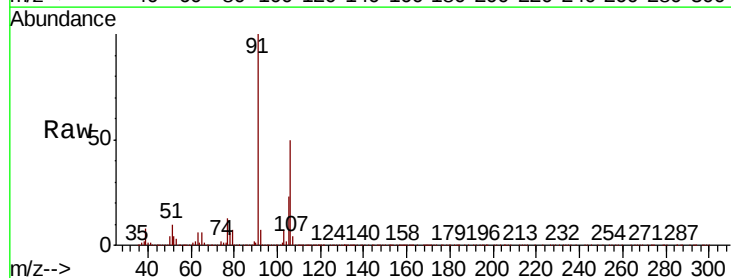
Acq: 10 Jan 2020 08:48

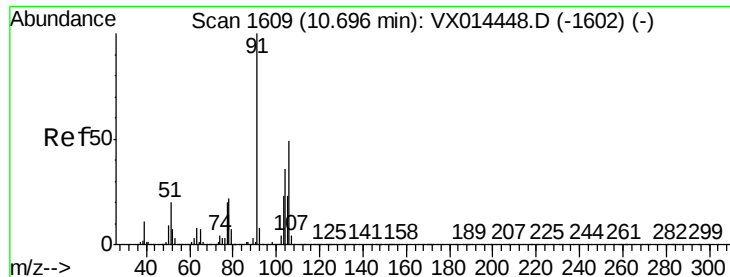
Tgt Ion: 106 Resp: 977361

Ion Ratio Lower Upper

106 100

91 199.4 157.4 236.0





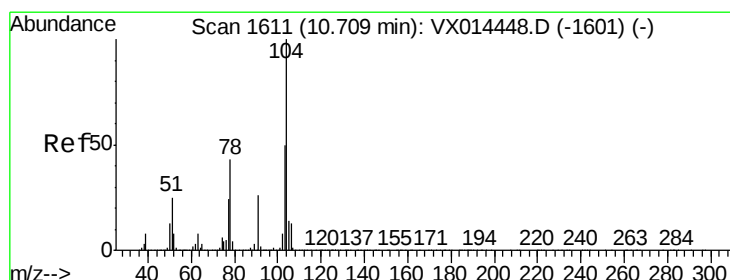
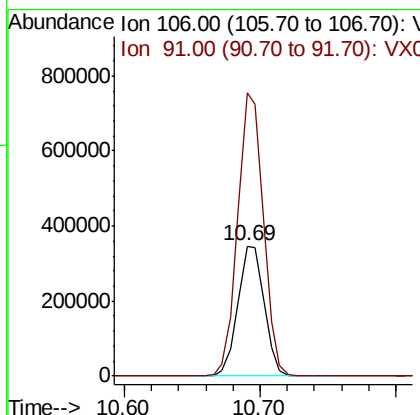
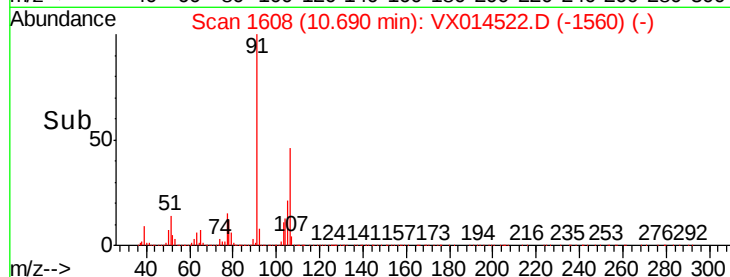
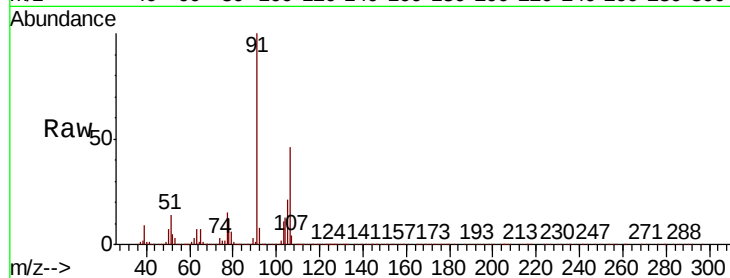
#69
o-Xylene
Concen: 50.061 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 467415
Ion Ratio Lower Upper
106 100
91 212.0 105.1 315.1

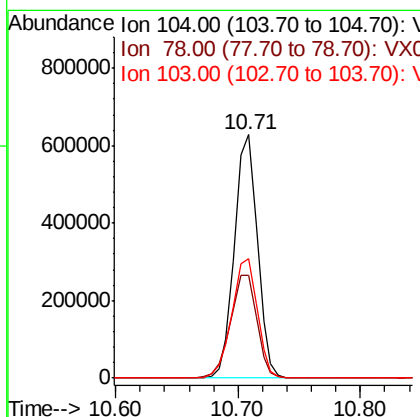
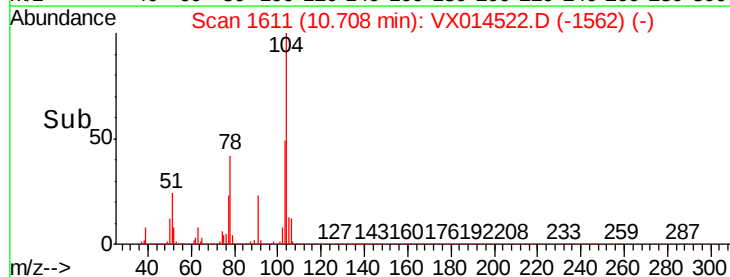
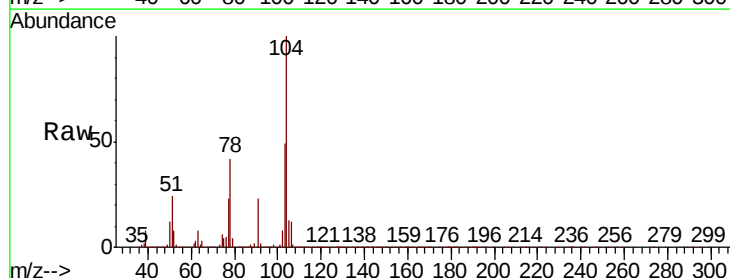
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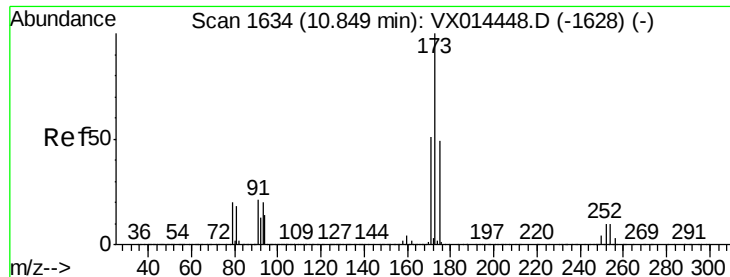
MMDadoda
1/13/2020 11:34:27 AM



#70
Styrene
Concen: 50.642 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion:104 Resp: 815993
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 54.1 43.7 65.5





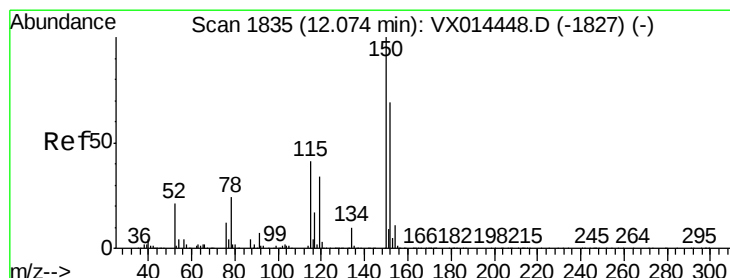
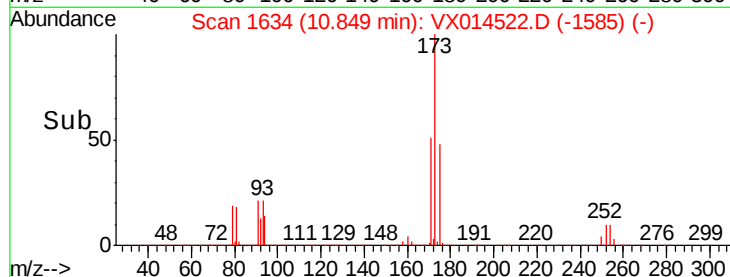
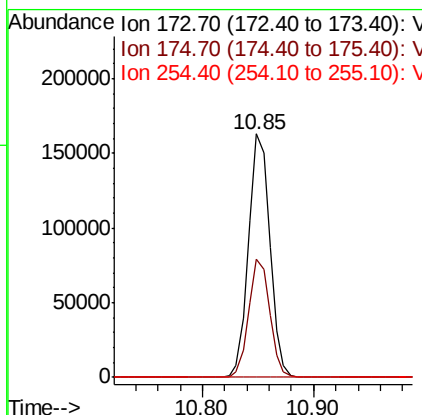
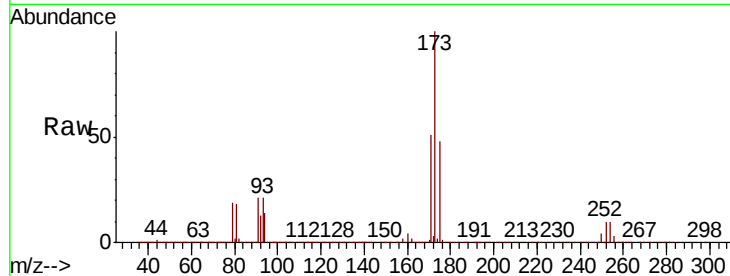
#71
Bromoform
Concen: 50.336 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.3	72.8
254	0.2	0.2	0.2

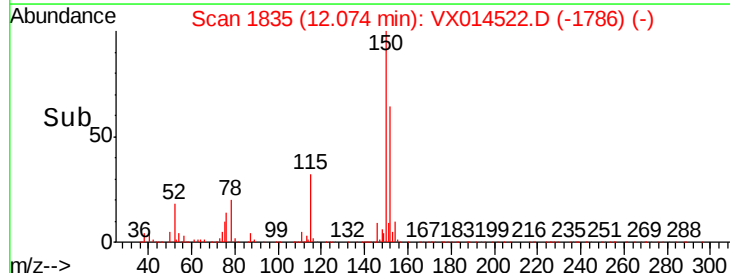
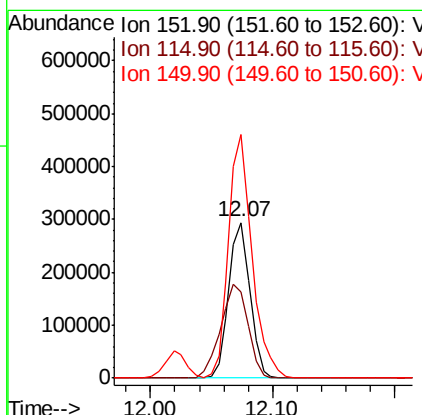
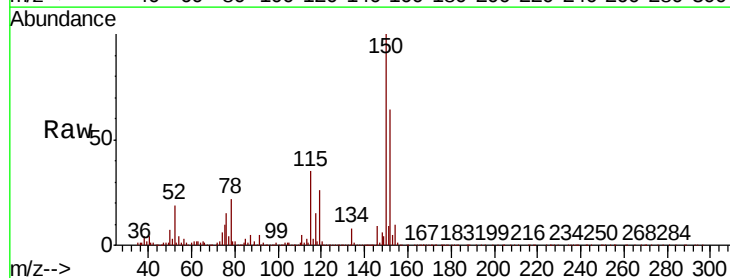
Manual Integrations
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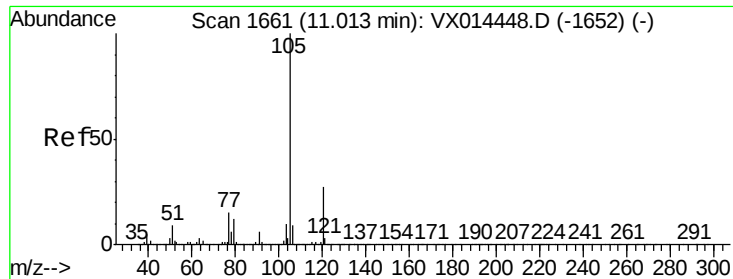
MMDadoda
1/13/2020 11:34:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	39.5	118.3
150	173.4	0.0	350.2





#73

Isopropylbenzene

Concen: 50.831 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1254773

Ion Ratio Lower Upper

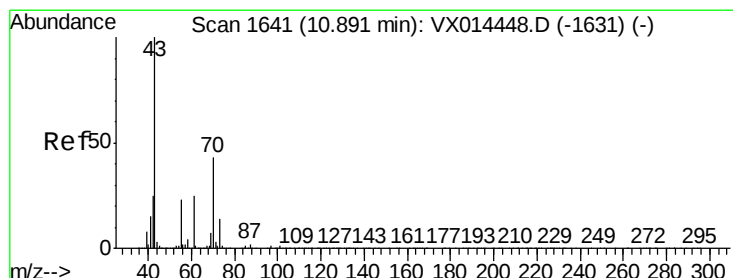
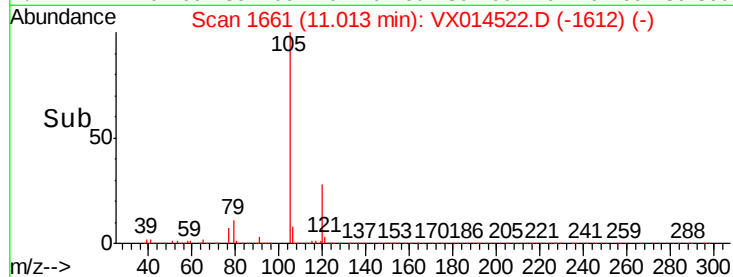
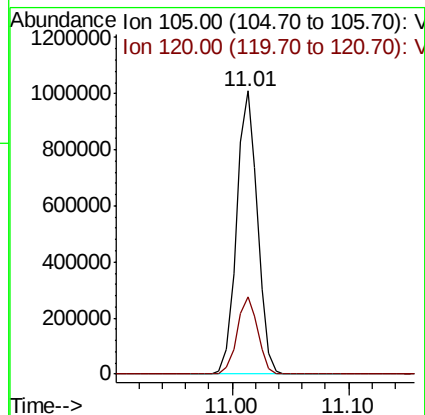
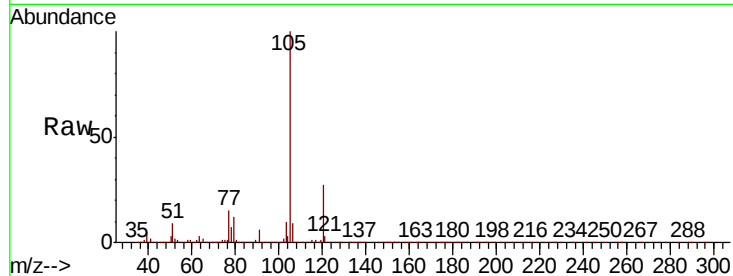
105 100

120 27.1 13.4 40.2

Manual Integrations
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MMDadoda

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#74

N-ethyl acetate

Concen: 49.702 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion: 43 Resp: 541287

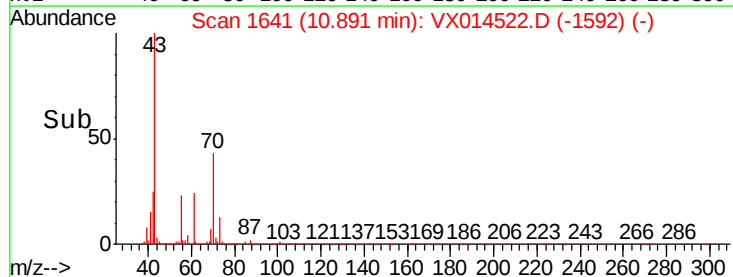
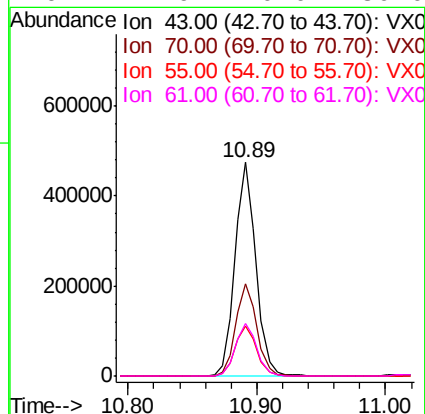
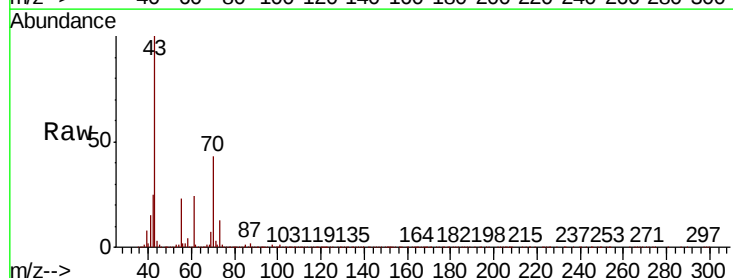
Ion Ratio Lower Upper

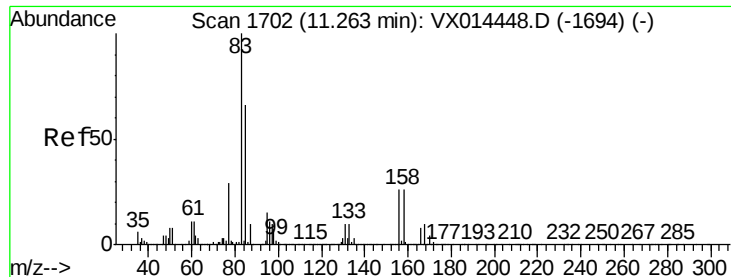
43 100

70 43.3 35.1 52.7

55 24.2 19.3 28.9

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.534 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

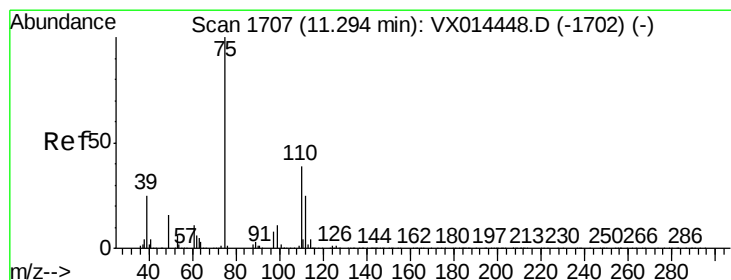
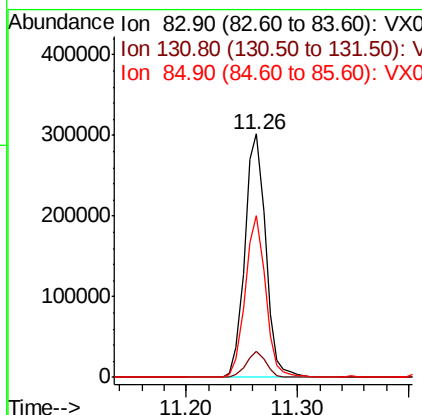
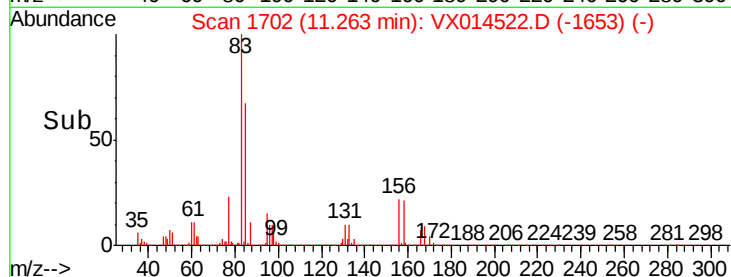
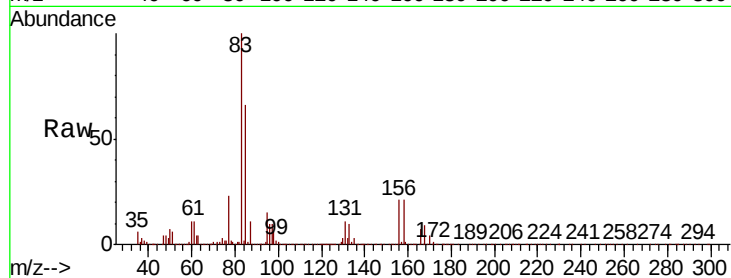
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	392130
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	64.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.488 ug/l m

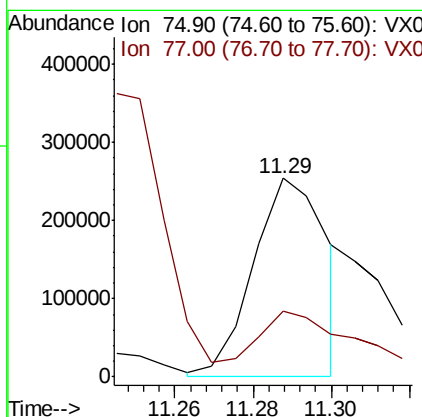
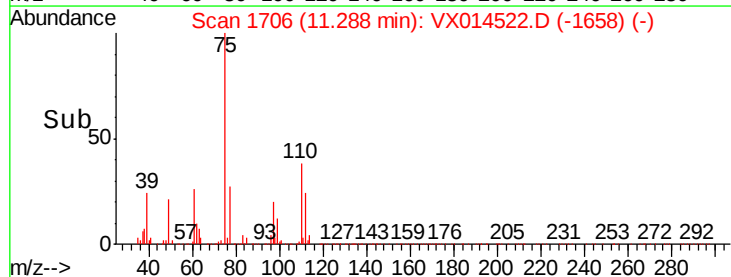
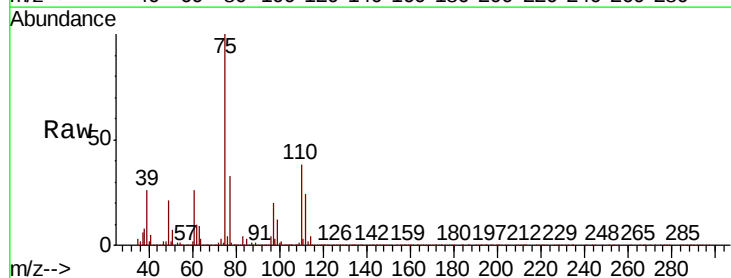
RT: 11.29 min Scan# 1706

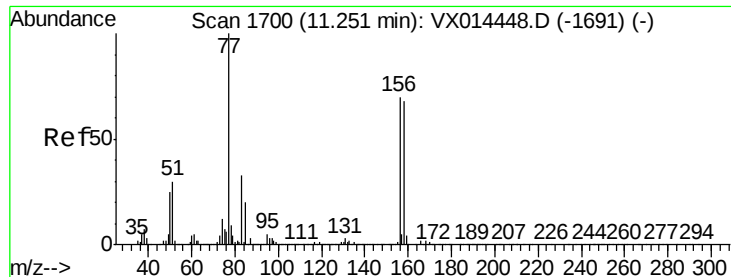
Delta R.T. -0.01 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion:	75	Resp:	330846
Ion Ratio	Lower	Upper	
75	100		
77	45.3	21.9	65.7





#77

Bromobenzene

Concen: 47.389 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

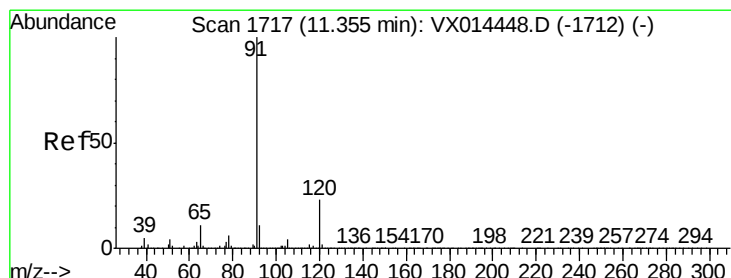
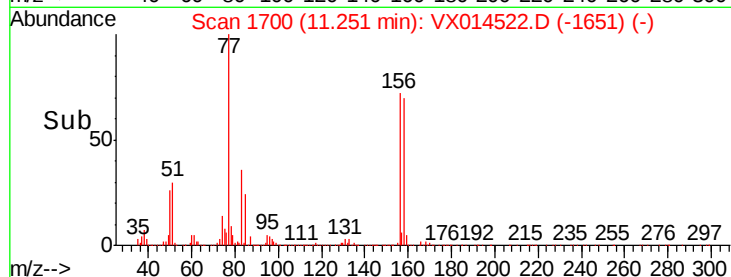
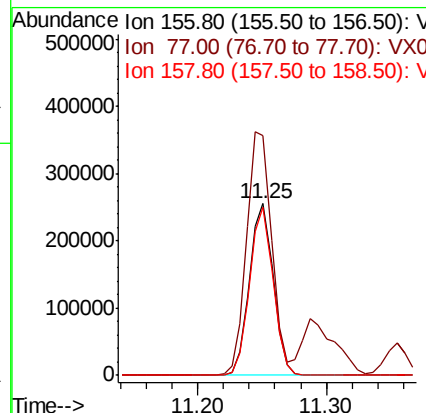
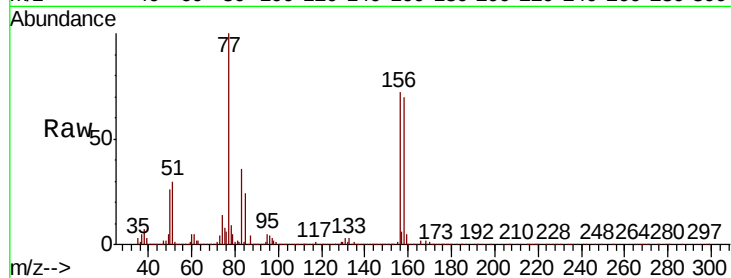
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.2	75.4	226.3
158	96.4	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.353 ug/l

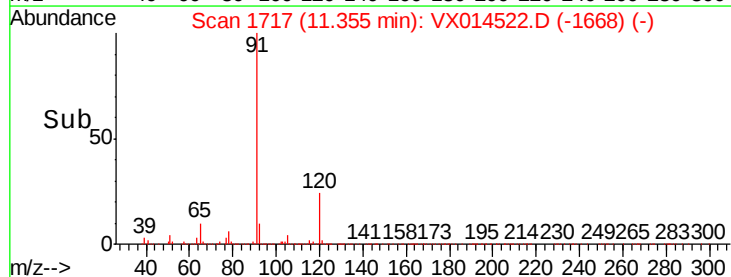
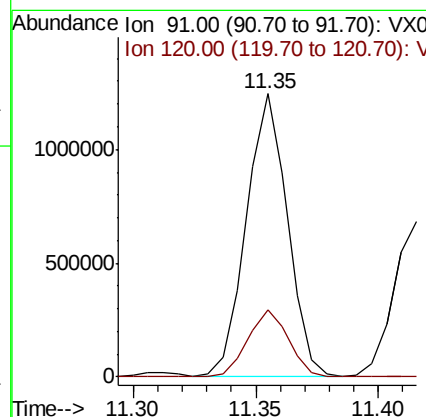
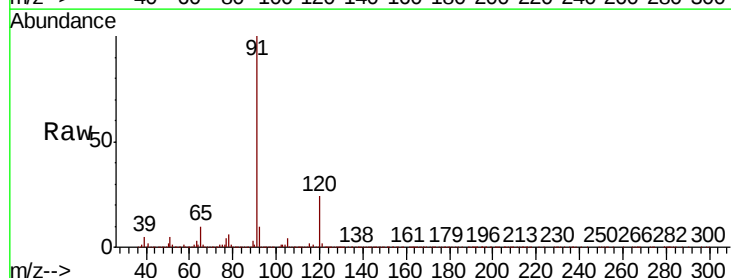
RT: 11.35 min Scan# 1717

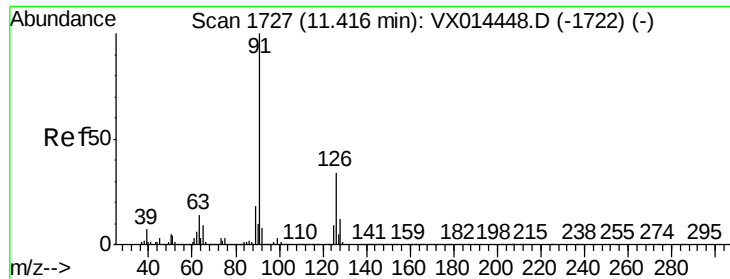
Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5





#79

2-Chlorotoluene

Concen: 49.323 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 831040

Ion Ratio Lower Upper

91 100

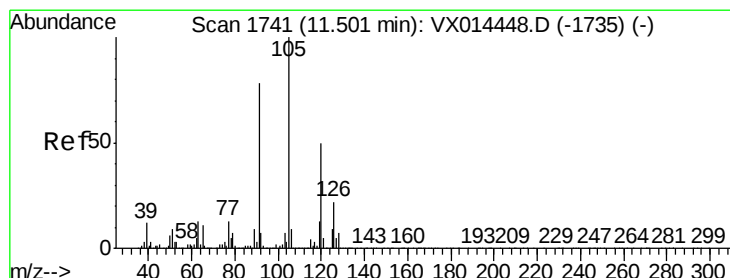
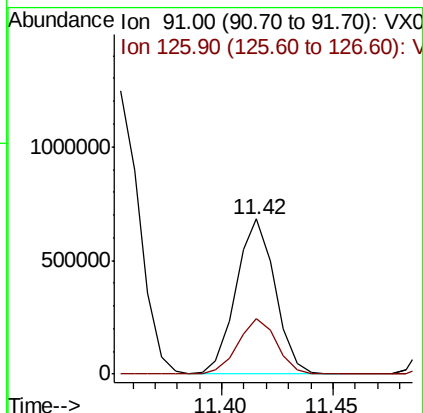
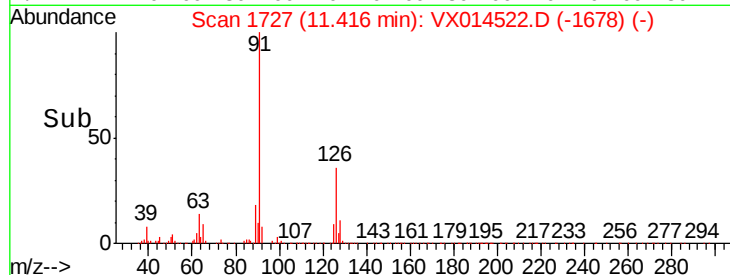
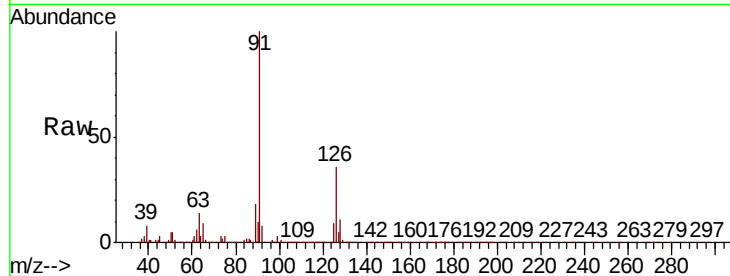
126 35.4 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 51.697 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014522.D

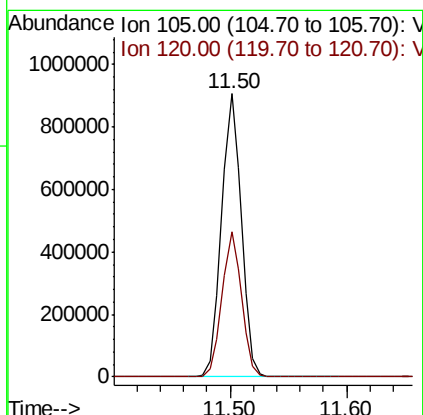
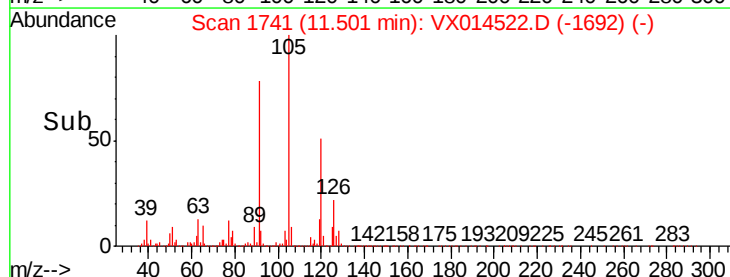
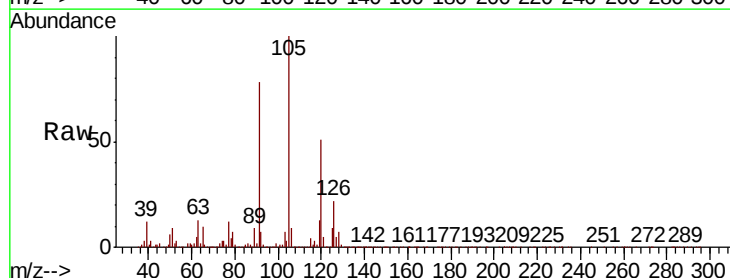
Acq: 10 Jan 2020 08:48

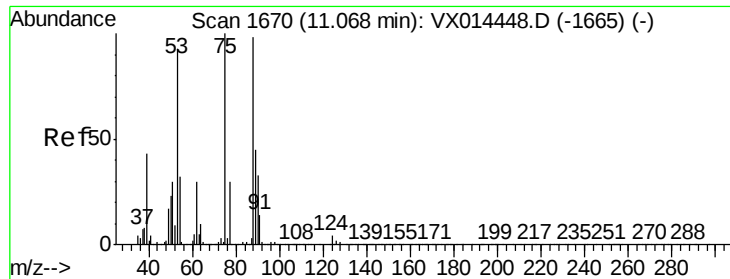
Tgt Ion: 105 Resp: 1059496

Ion Ratio Lower Upper

105 100

120 50.7 25.2 75.6





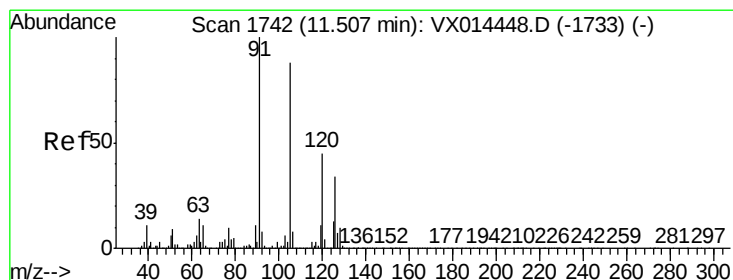
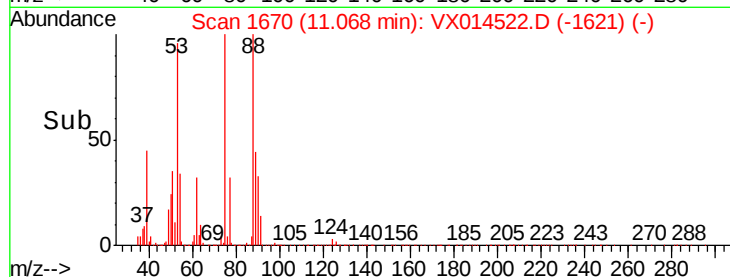
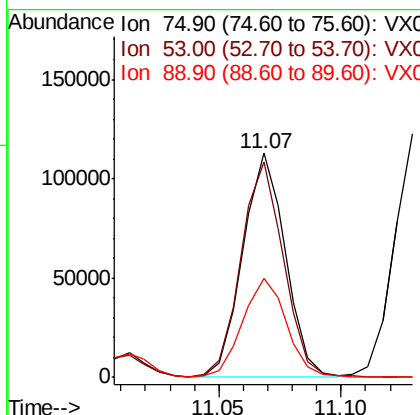
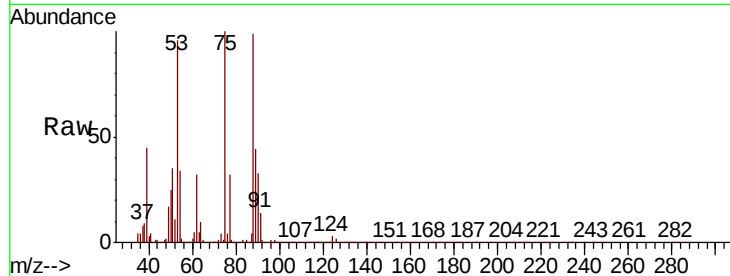
#81
trans-1,4-Dichloro-2-butene
Concen: 49.544 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	74.8	112.2
89	46.2	36.3	54.5

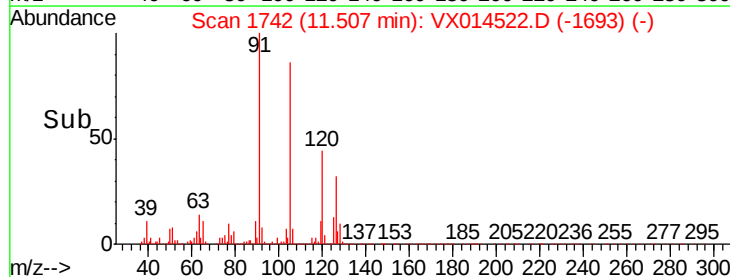
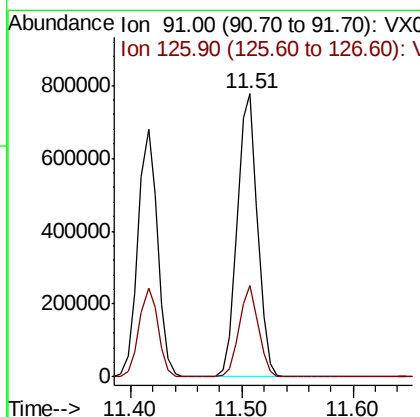
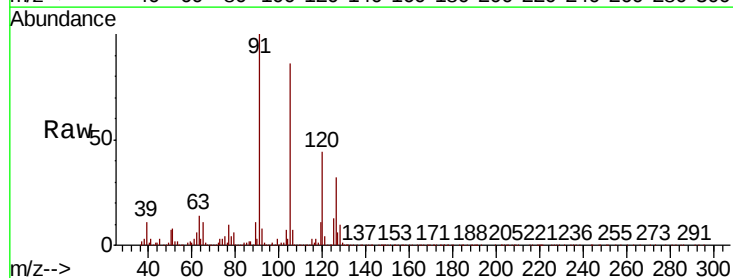
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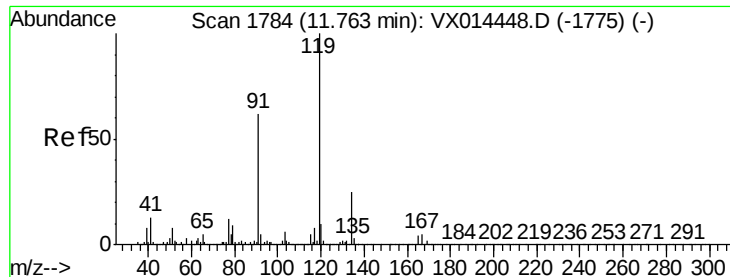
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#82
4-Chlorotoluene
Concen: 49.477 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.9	47.7





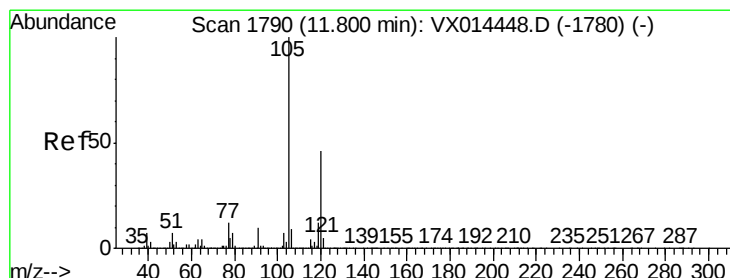
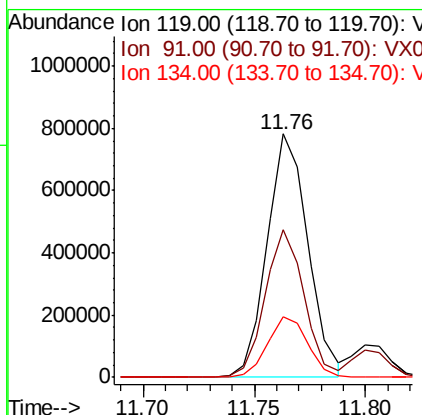
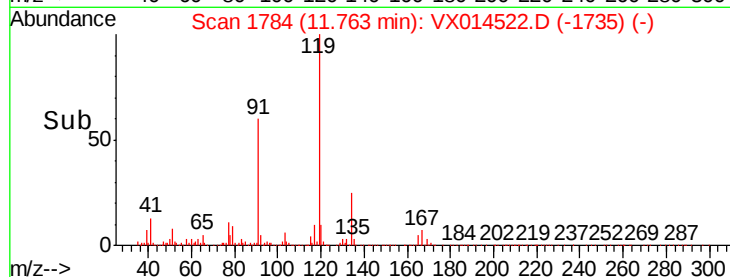
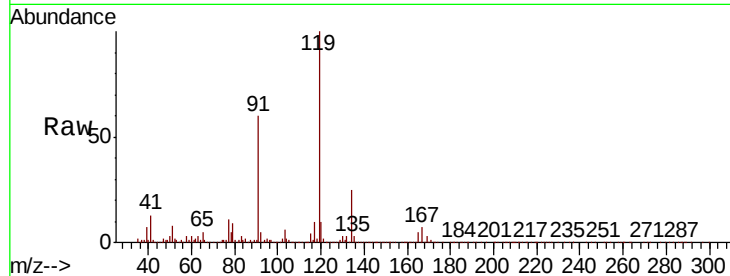
#83
tert-Butylbenzene
Concen: 51.389 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.3	88.0
134	24.5	12.4	37.4

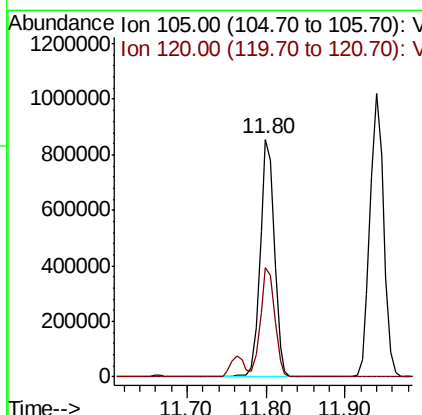
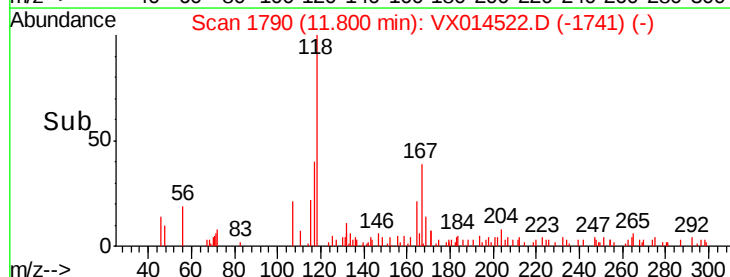
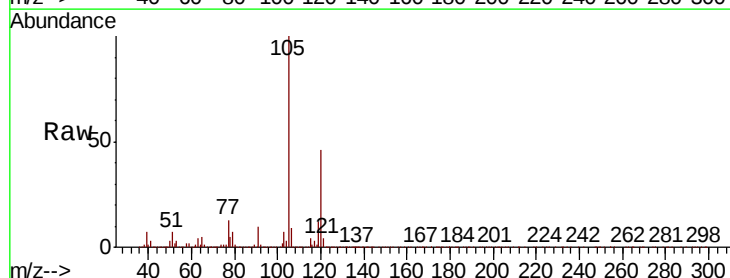
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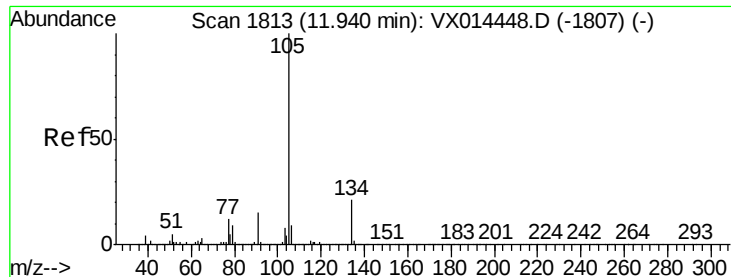
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#84
1,2,4-Trimethylbenzene
Concen: 51.530 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3





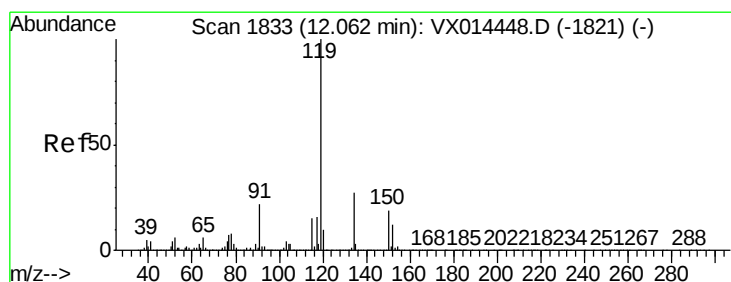
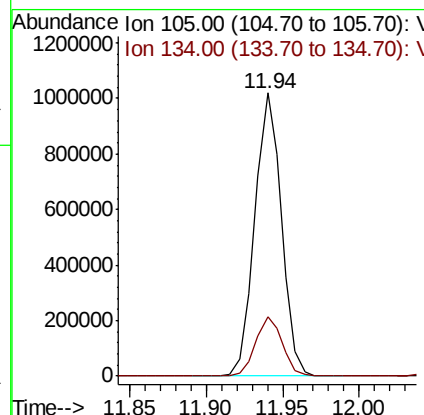
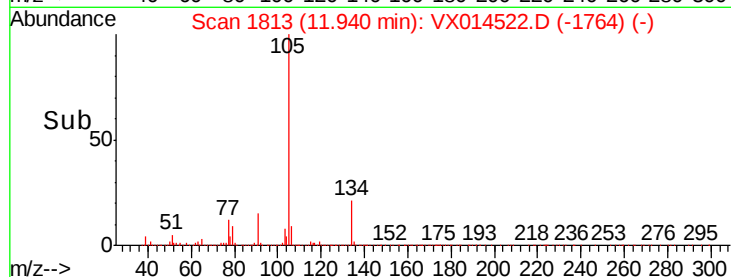
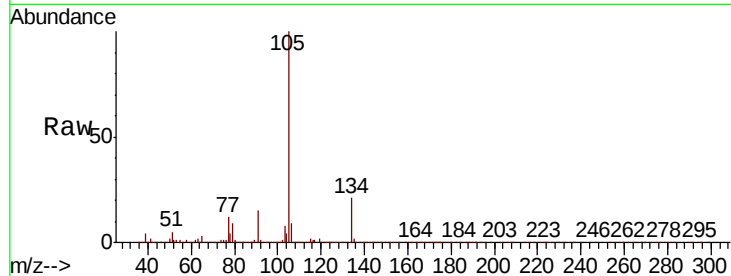
#85
 sec-Butylbenzene
 Concen: 51.091 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1229908
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5

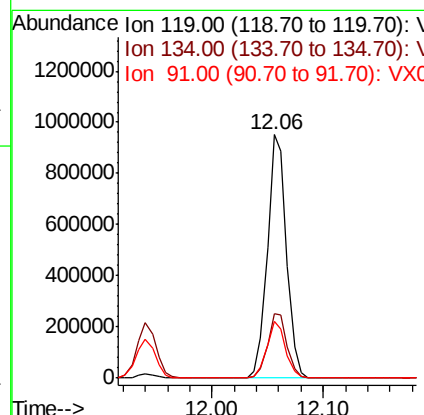
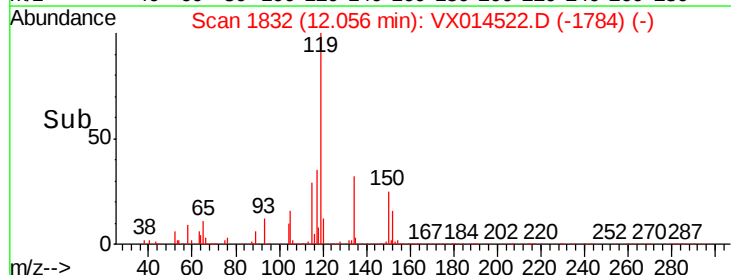
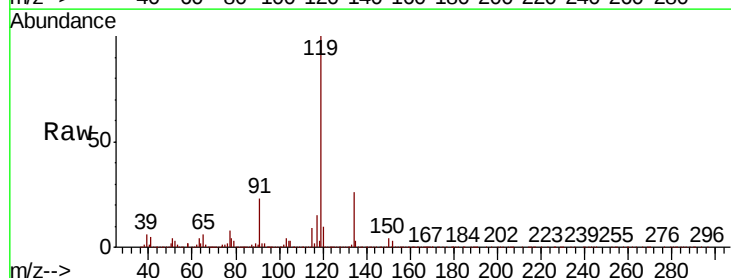
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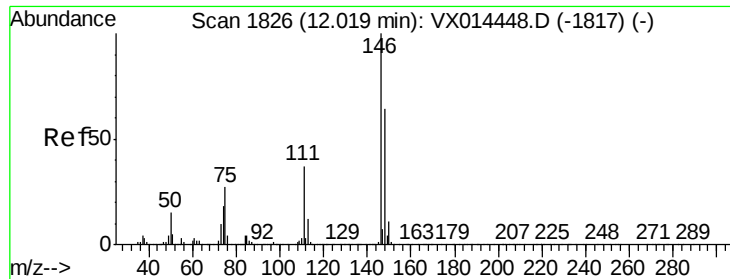
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 1/13/2020 11:34:27 AM



#86
 p-Isopropyltoluene
 Concen: 51.141 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion:119 Resp: 1142412
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.7 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 47.230 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014522.D

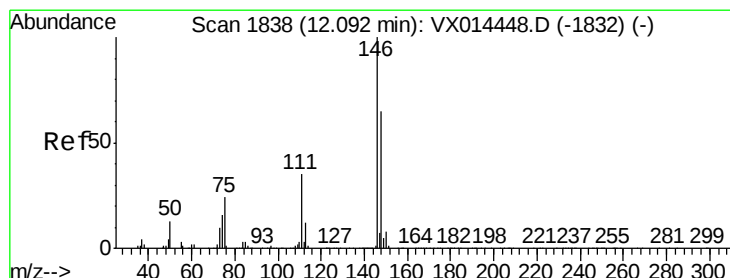
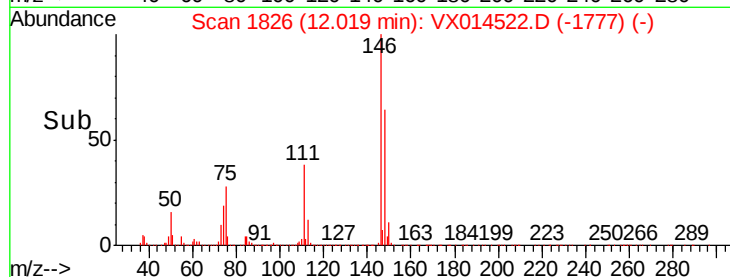
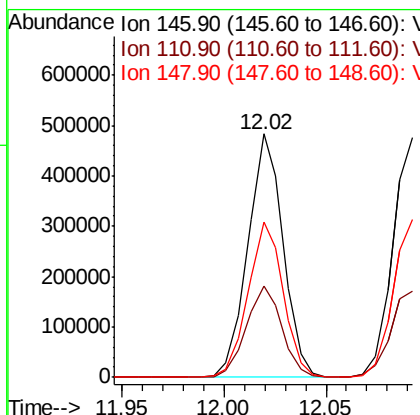
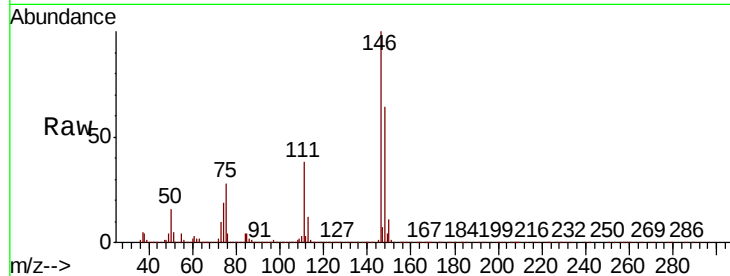
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.7
148	63.8	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 50.267 ug/l

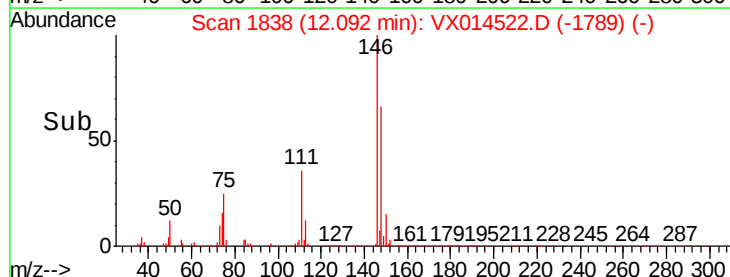
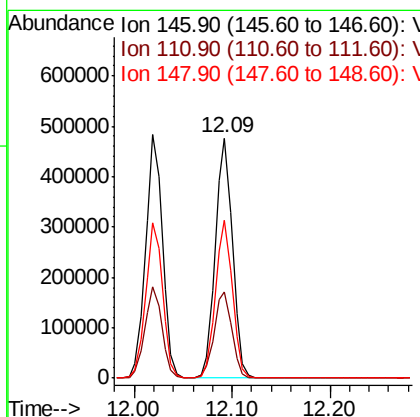
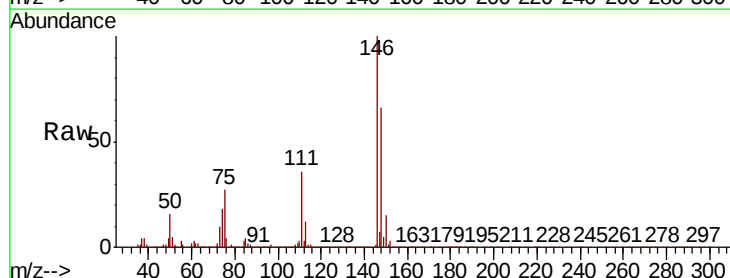
RT: 12.09 min Scan# 1838

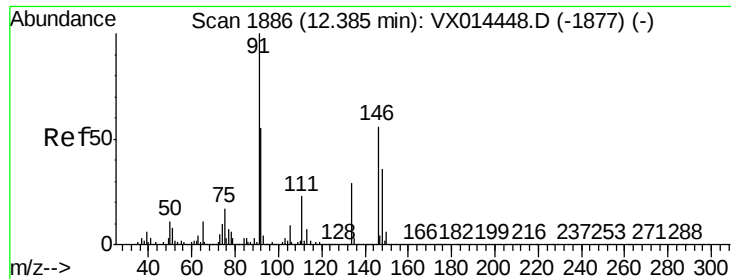
Delta R.T. 0.00 min

Lab File: VX014522.D

Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.8	32.1	96.3





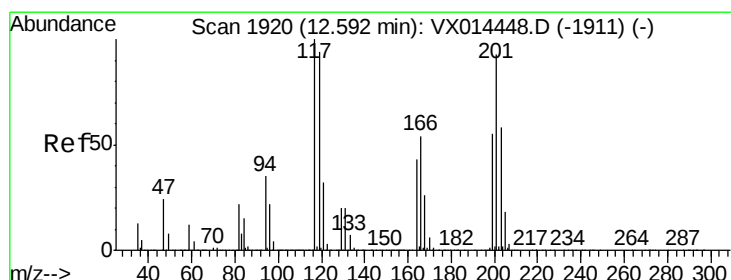
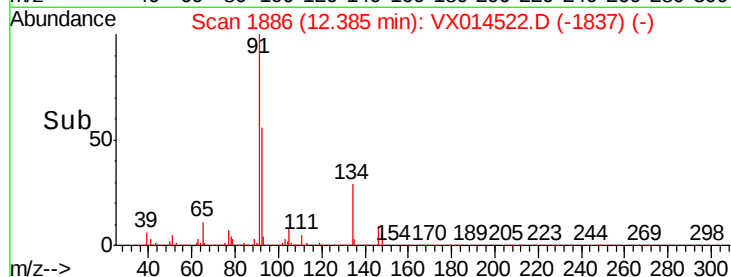
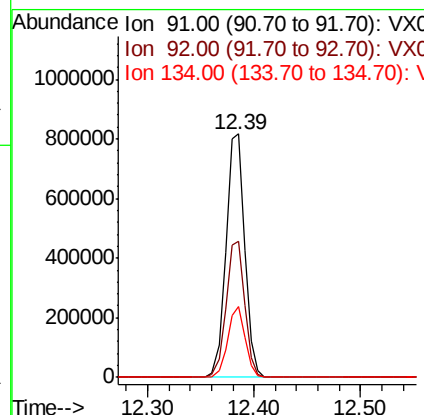
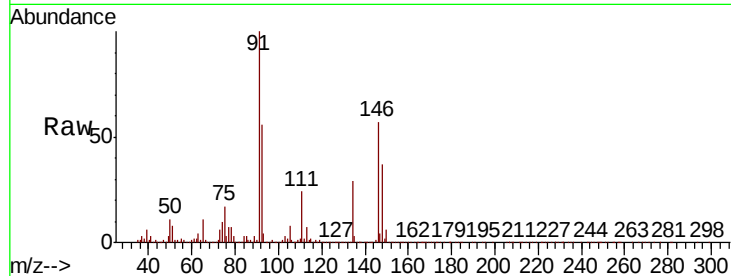
#89
n-Butylbenzene
Concen: 49.088 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1002612
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.2
134 27.2 13.9 41.7

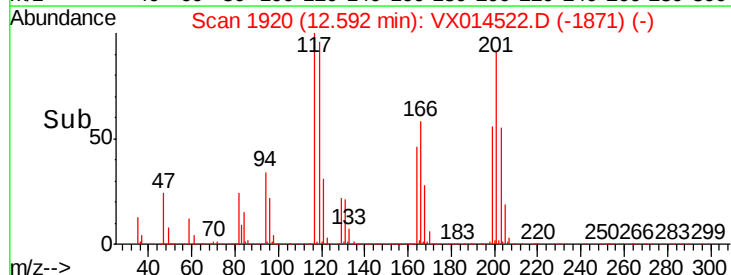
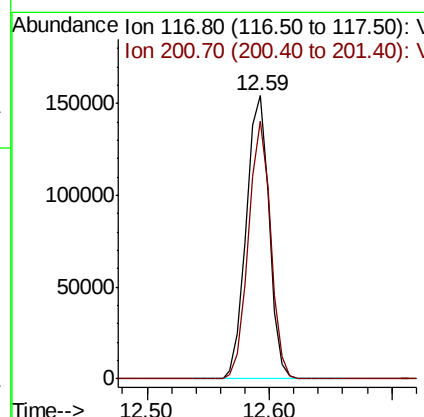
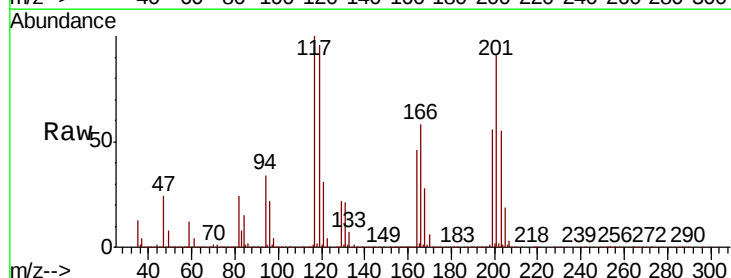
Manual Integrations
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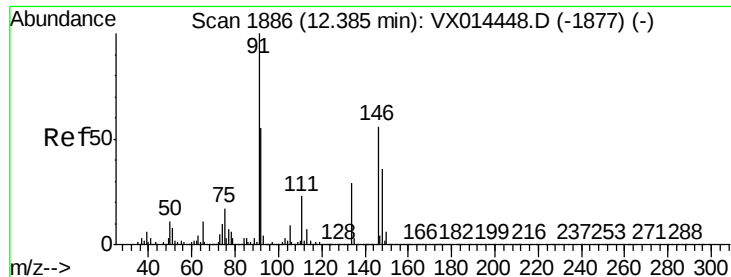
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#90
Hexachloroethane
Concen: 50.841 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion: 117 Resp: 199493
Ion Ratio Lower Upper
117 100
201 88.6 44.8 134.3





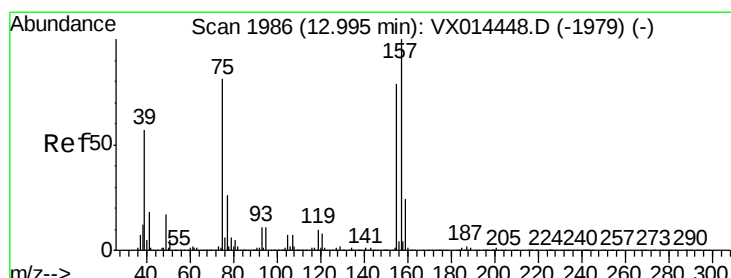
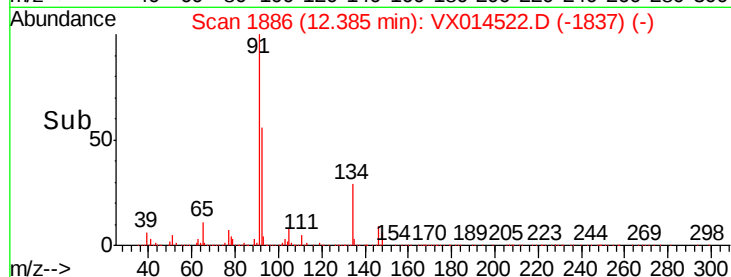
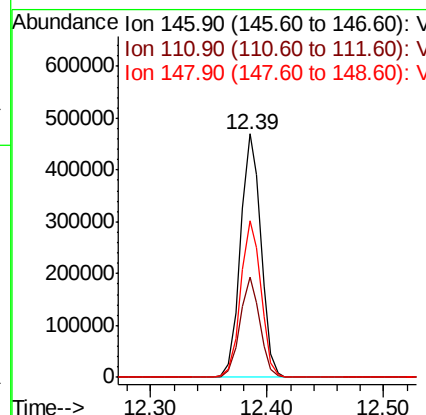
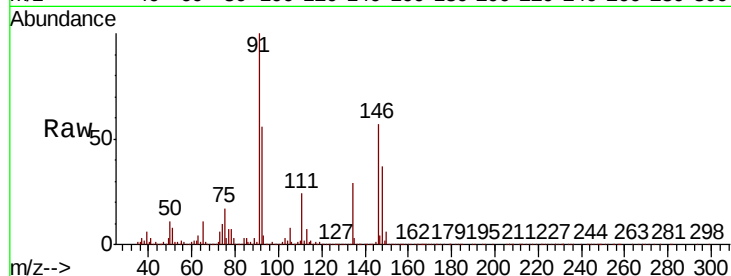
#91
 1,2-Dichlorobenzene
 Concen: 47.832 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	64.2	32.3	96.8

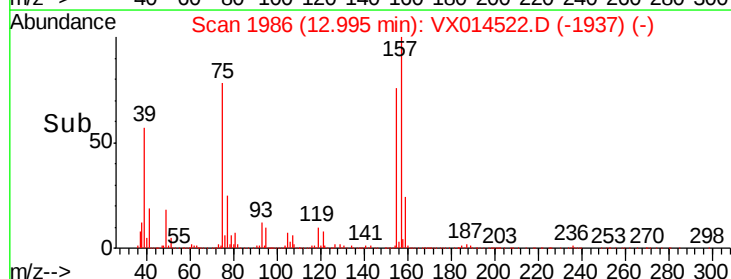
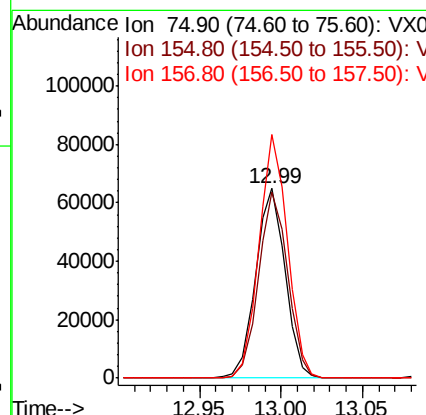
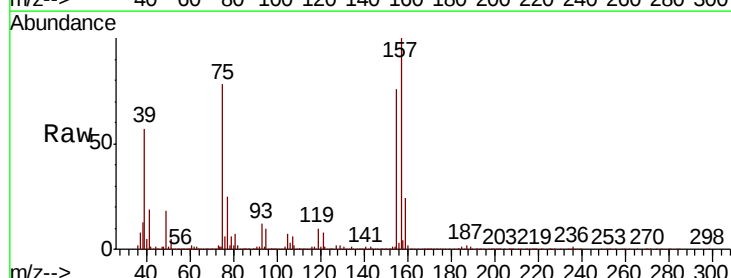
Manual Integrations
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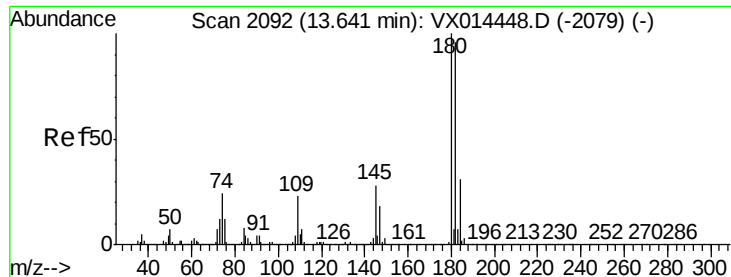
MMDadoda
 1/13/2020 11:34:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.513 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014522.D
 Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.7	146.1
157	124.9	62.0	185.9





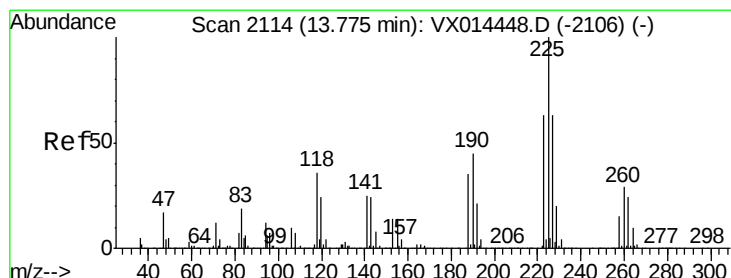
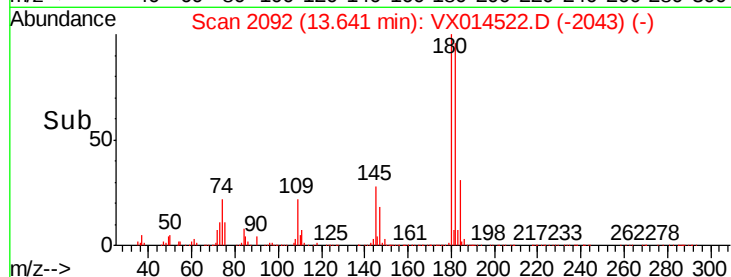
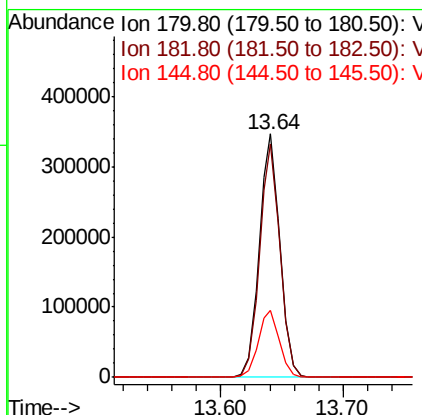
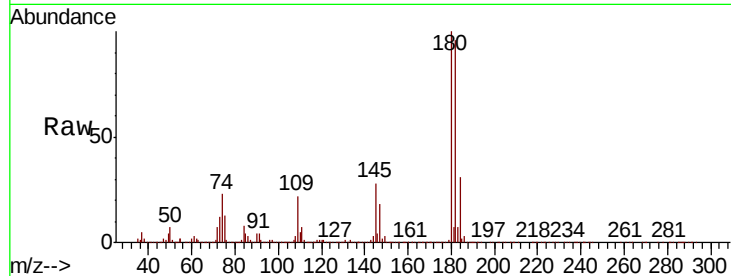
#93
1,2,4-Trichlorobenzene
Concen: 48.376 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	28.4	13.9	41.6

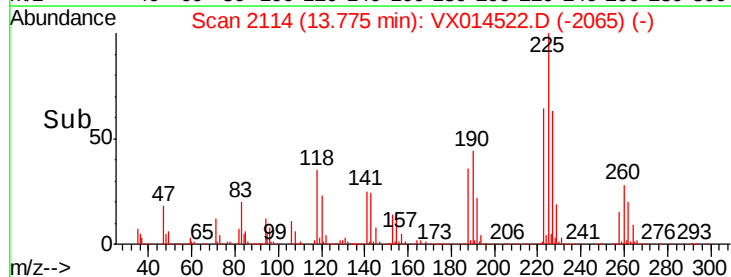
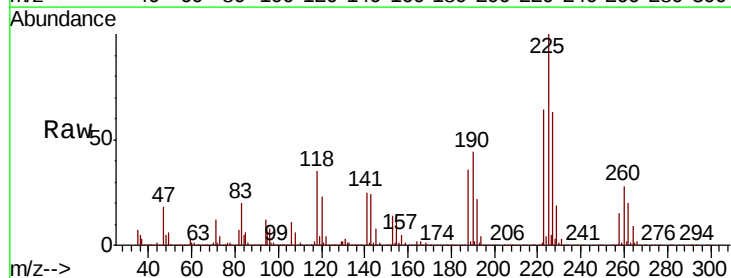
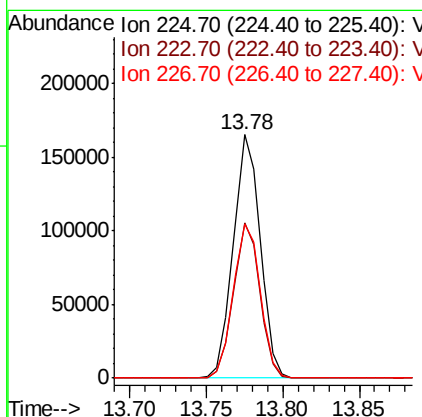
Manual Integrations
APPROVED

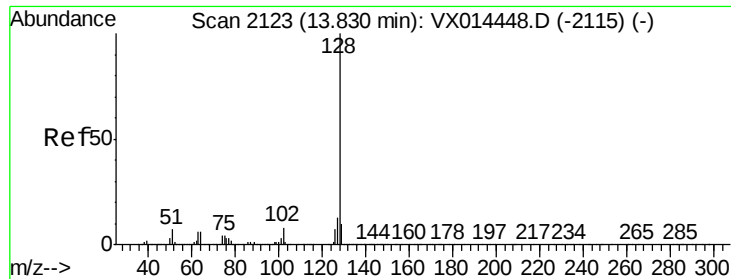
MMDadoda
1/13/2020 11:34:27 AM



#94
Hexachlorobutadiene
Concen: 50.903 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	63.8	31.4	94.2





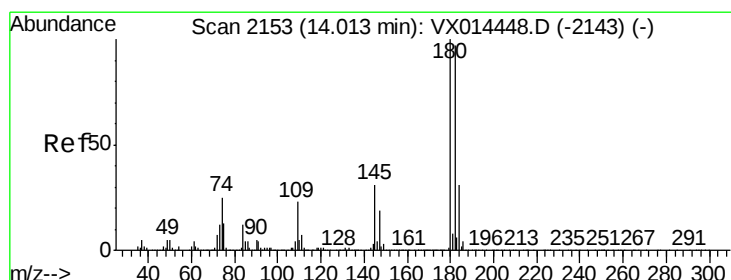
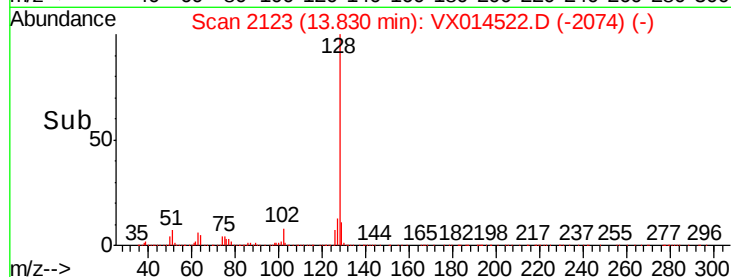
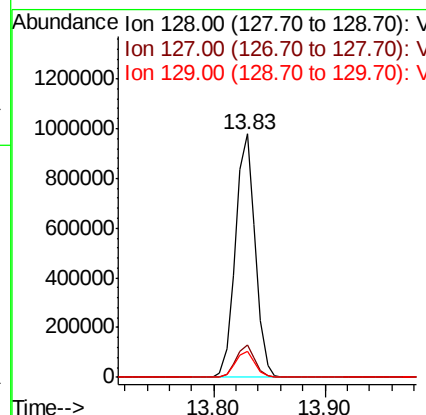
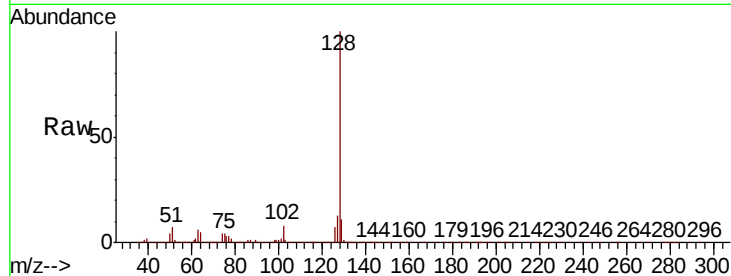
#95
Naphthalene
Concen: 45.463 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.255 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014522.D
Acq: 10 Jan 2020 08:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	30.1	14.8	44.3

