

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014809.D
 Acq On : 04 Feb 2020 16:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:41 PM

Quant Time: Feb 05 03:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	435618	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	643218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	583259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	251354	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.48	113	206124	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.71	98	779433	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	283157	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	249003	42.664	ug/l	99
3) Chloromethane	1.32	50	239335	40.612	ug/l	100
4) Vinyl Chloride	1.40	62	289150	45.379	ug/l	100
5) Bromomethane	1.63	94	180067	41.605	ug/l	99
6) Chloroethane	1.72	64	159949	43.701	ug/l	98
7) Trichlorofluoromethane	1.92	101	337573	45.499	ug/l	98
8) Diethyl Ether	2.18	74	142682	44.059	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201475	46.258	ug/l	99
10) Methyl Iodide	2.50	142	270508	47.333	ug/l	98
11) Tert butyl alcohol	3.03	59	234403	205.241	ug/l	98
12) 1,1-Dichloroethene	2.36	96	191162	44.144	ug/l	95
13) Acrolein	2.28	56	230279	255.722	ug/l	98
14) Allyl chloride	2.72	41	350355	45.012	ug/l	97
15) Acrylonitrile	3.12	53	593769	224.698	ug/l	99
16) Acetone	2.43	43	608278	218.196	ug/l	99
17) Carbon Disulfide	2.56	76	476259	40.240	ug/l	99
18) Methyl Acetate	2.76	43	365802	45.966	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	675408	47.618	ug/l	99
20) Methylene Chloride	2.85	84	222151	43.061	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	207767	43.575	ug/l	98
22) Diisopropyl ether	3.84	45	718893	46.422	ug/l	95
23) Vinyl Acetate	3.80	43	2864873	242.686	ug/l	99
24) 1,1-Dichloroethane	3.69	63	386059	45.904	ug/l	100
25) 2-Butanone	4.65	43	869279	217.618	ug/l	100
26) 2,2-Dichloropropane	4.57	77	325574	48.365	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242792	45.497	ug/l	100
28) Bromochloromethane	5.00	49	159974	43.287	ug/l	98
29) Tetrahydrofuran	5.11	42	532504	224.607	ug/l	99
30) Chloroform	5.19	83	387509	46.514	ug/l	99
31) Cyclohexane	5.57	56	347279	43.903	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	330925	46.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	287847	48.161	ug/l	99
37) Ethyl Acetate	4.81	43	325877	47.605	ug/l	99
38) Carbon Tetrachloride	5.77	117	284362	49.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	361975	48.344	ug/l	95
40) Benzene	6.13	78	866222	46.906	ug/l	99
41) Methacrylonitrile	5.02	41	181604	46.483	ug/l	99
42) 1,2-Dichloroethane	6.18	62	310618	48.708	ug/l	100
43) Isopropyl Acetate	6.43	43	530727	47.346	ug/l	99
44) Trichloroethene	7.20	130	244343	46.843	ug/l	95
45) 1,2-Dichloropropane	7.50	63	229816	48.306	ug/l	99
46) Dibromomethane	7.65	93	148250	48.114	ug/l	98
47) Bromodichloromethane	7.89	83	305664	50.579	ug/l	100
48) Methyl methacrylate	7.76	41	266311	49.723	ug/l	98
49) 1,4-Dioxane	7.73	88	95250	838.964	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1660435	234.691	ug/l	99
52) Toluene	8.78	92	552835	48.700	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	338890	52.079	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369567	51.626	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	227651	48.982	ug/l	97
56) Ethyl methacrylate	9.17	69	363944	46.326	ug/l	99
57) 1,3-Dichloropropane	9.36	76	387634	48.790	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	591256	252.960	ug/l	100
59) 2-Hexanone	9.48	43	1284382	233.946	ug/l	99
60) Dibromochloromethane	9.57	129	247529	51.024	ug/l	100
61) 1,2-Dibromoethane	9.67	107	237144	48.259	ug/l	98
64) Tetrachloroethene	9.33	164	264076	45.739	ug/l	98
65) Chlorobenzene	10.13	112	604580	48.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	225699	49.067	ug/l	99
67) Ethyl Benzene	10.24	91	1071469	50.299	ug/l	99
68) m/p-Xylenes	10.35	106	819611	101.561	ug/l	99
69) o-Xylene	10.69	106	396955	50.951	ug/l	98
70) Styrene	10.71	104	688451	52.678	ug/l	99
71) Bromoform	10.85	173	190601	52.106	ug/l	# 99
73) Isopropylbenzene	11.01	105	1062962	49.110	ug/l	99
74) N-amyl acetate	10.89	43	476777	50.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	344708	44.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	297445m	41.532	ug/l	
77) Bromobenzene	11.25	156	280664	48.268	ug/l	96
78) n-propylbenzene	11.35	91	1214767	49.444	ug/l	99
79) 2-Chlorotoluene	11.42	91	715930	48.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	894457	49.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	119761	47.588	ug/l	99
82) 4-Chlorotoluene	11.51	91	831485	49.131	ug/l	100
83) tert-Butylbenzene	11.76	119	840685	49.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	906140	50.288	ug/l	97
85) sec-Butylbenzene	11.94	105	1056376	51.083	ug/l	100
86) p-Isopropyltoluene	12.06	119	979534	51.254	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	499017	47.752	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	505386	48.280	ug/l	99
89) n-Butylbenzene	12.38	91	864994	51.968	ug/l	99
90) Hexachloroethane	12.59	117	174673	49.207	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500609	48.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	75455	45.444	ug/l	94

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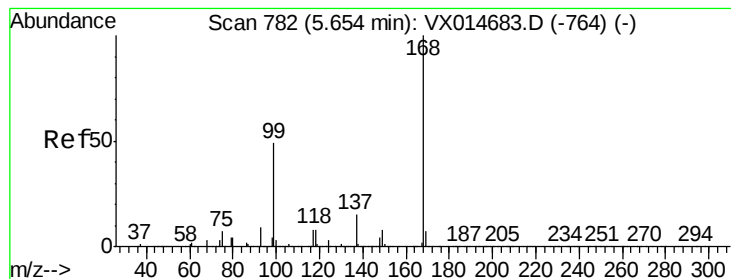
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	360348	53.851	ug/l	98
94) Hexachlorobutadiene	13.77	225	173782	50.458	ug/l	97
95) Naphthalene	13.83	128	1053410	48.840	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	351244	51.912	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 435618

Ion Ratio Lower Upper

168 100

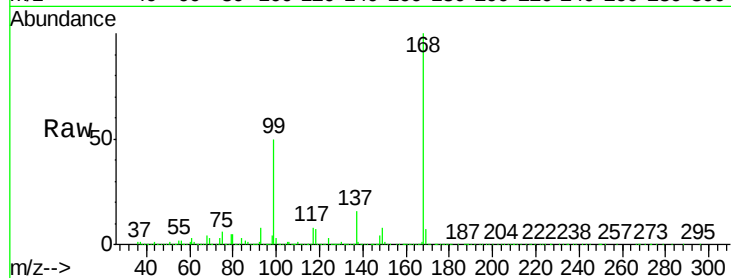
99 49.7 39.8 59.6

Manual Integrations

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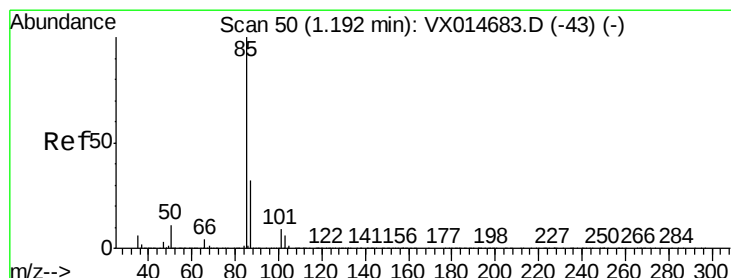
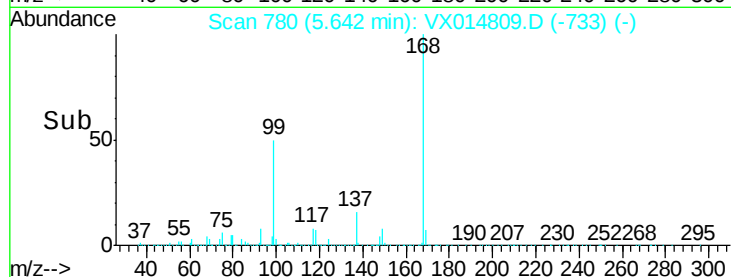
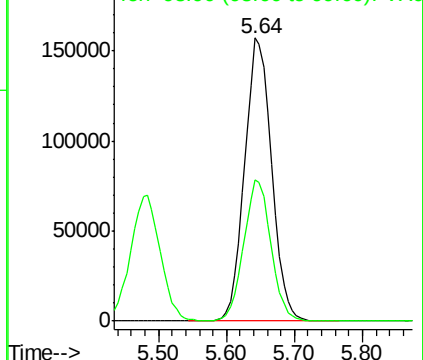
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.664 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014809.D

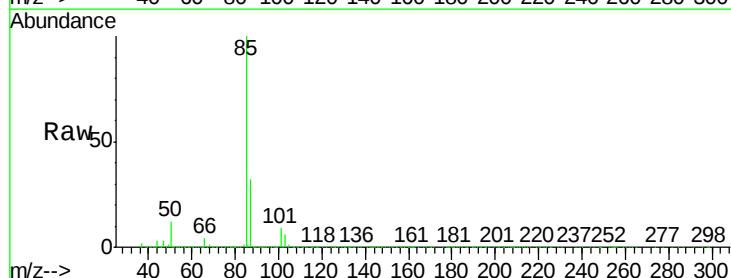
Acq: 04 Feb 2020 16:56

Tgt Ion: 85 Resp: 249003

Ion Ratio Lower Upper

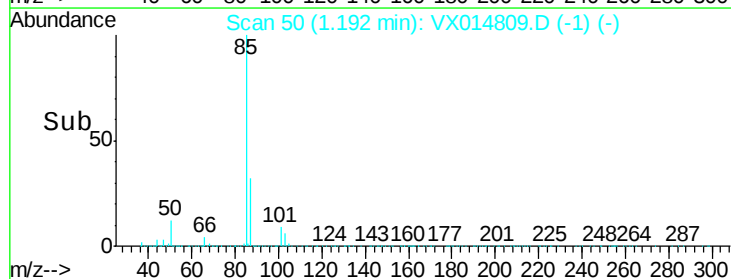
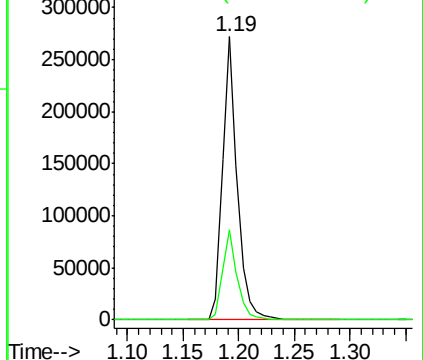
85 100

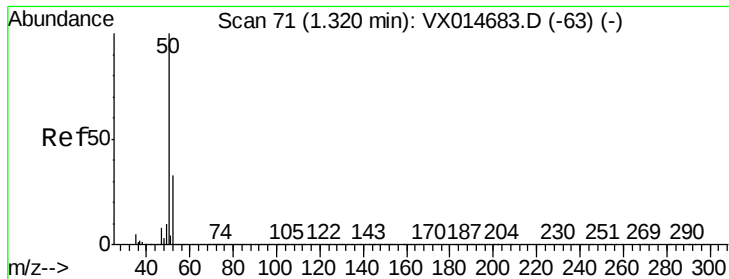
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.612 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 239335

Ion Ratio Lower Upper

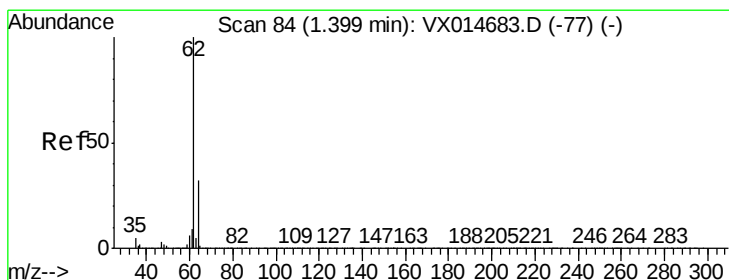
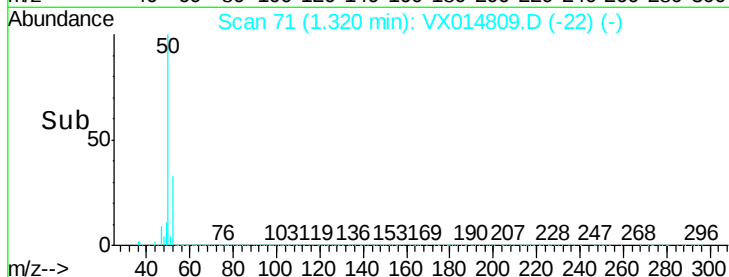
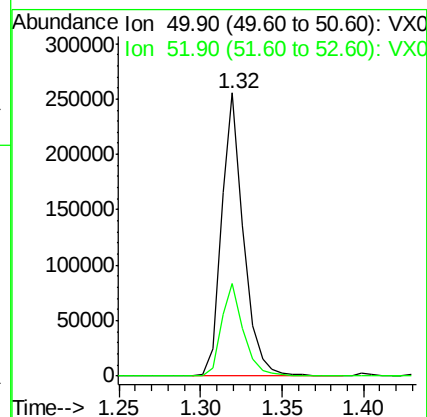
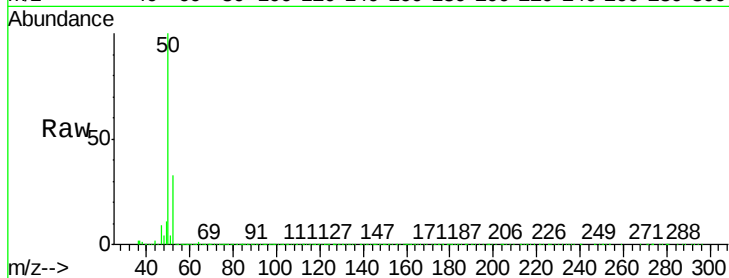
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.379 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014809.D

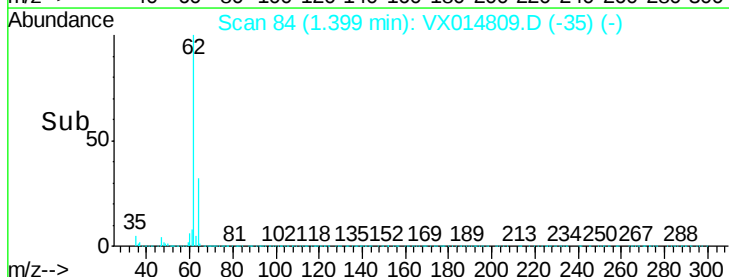
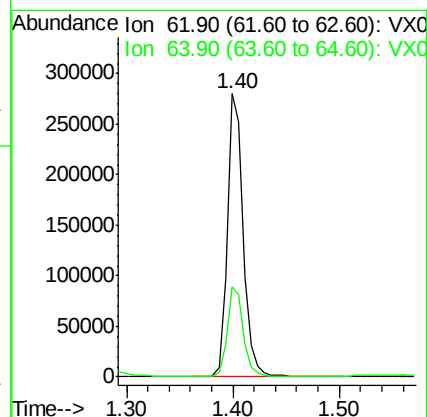
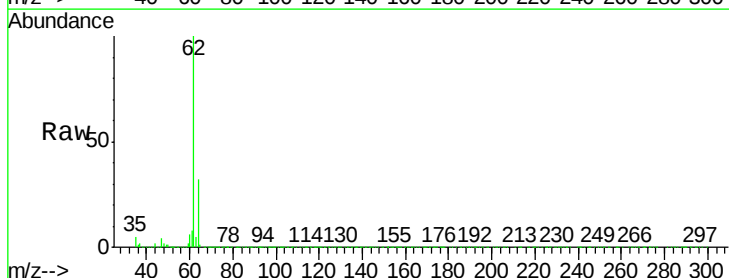
Acq: 04 Feb 2020 16:56

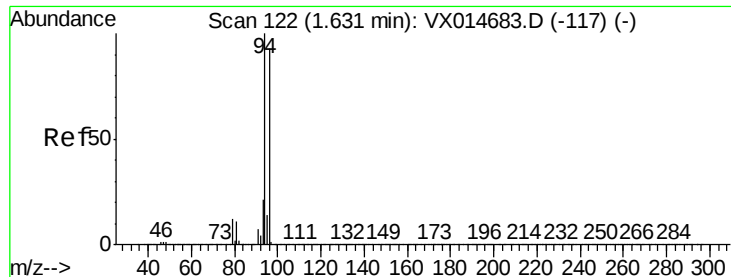
Tgt Ion: 62 Resp: 289150

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 41.605 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 180067

Ion Ratio Lower Upper

94 100

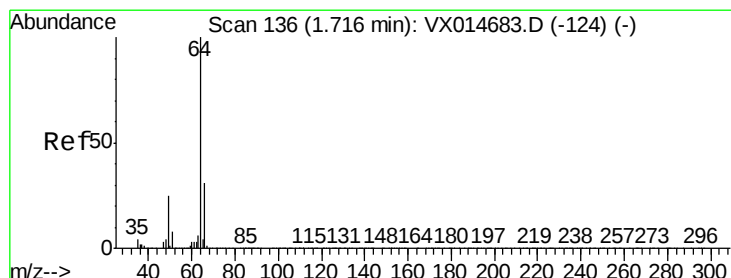
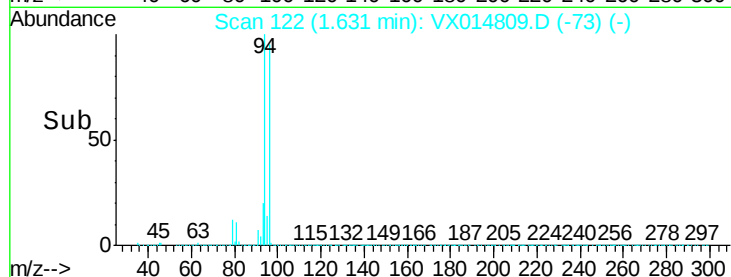
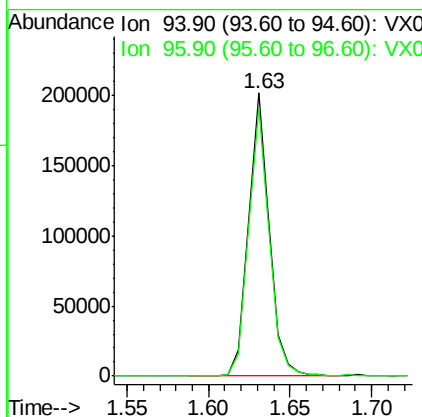
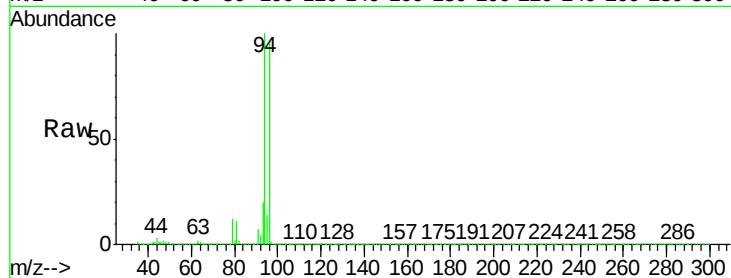
96 94.5 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 43.701 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX014809.D

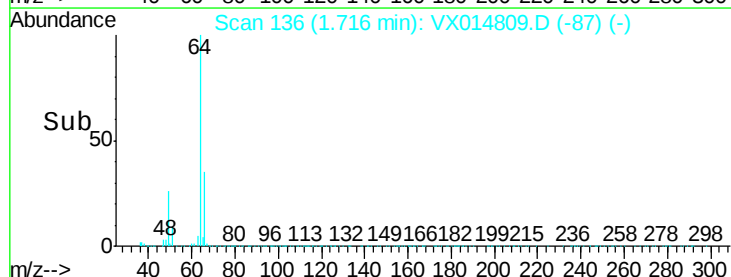
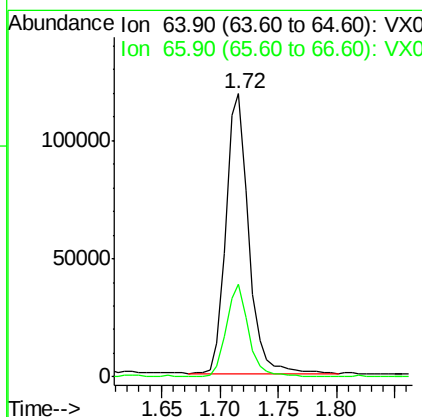
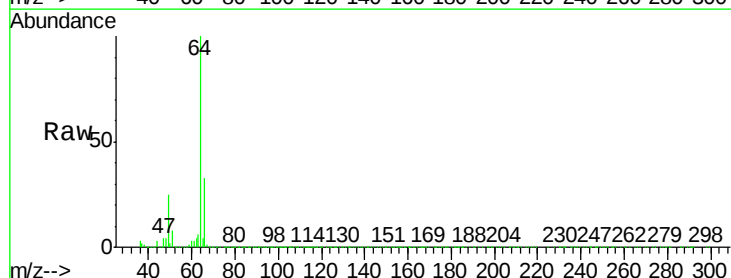
Acq: 04 Feb 2020 16:56

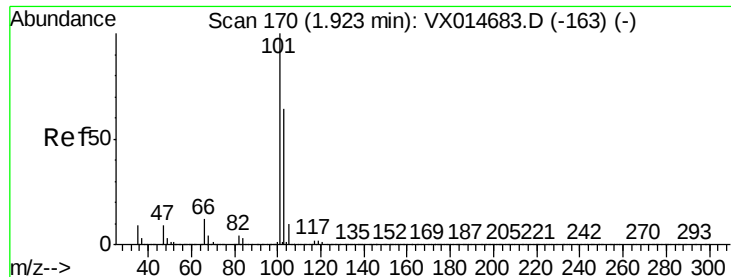
Tgt Ion: 64 Resp: 159949

Ion Ratio Lower Upper

64 100

66 32.8 25.2 37.8





#7

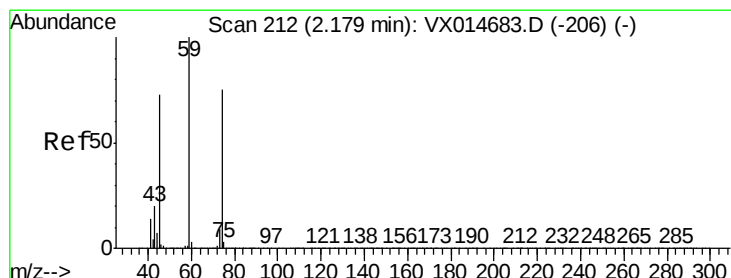
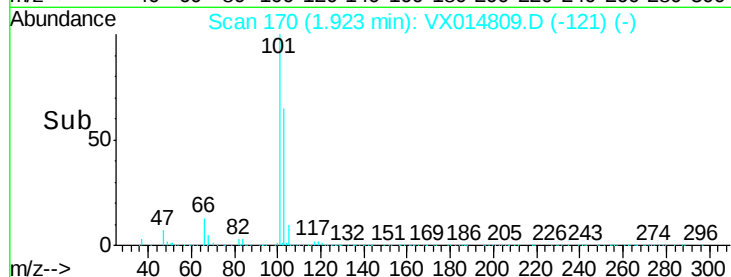
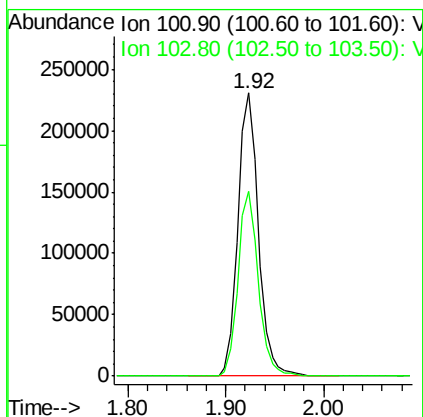
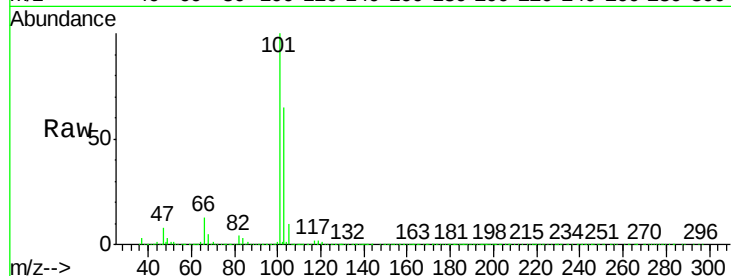
Trichlorofluoromethane
Concen: 45.499 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014809.D
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.0	76.6

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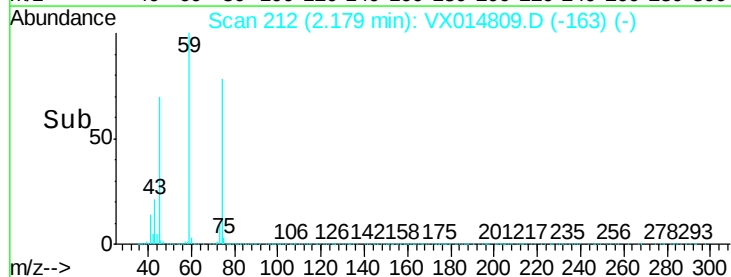
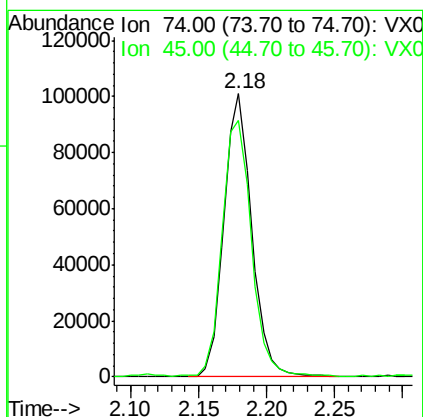
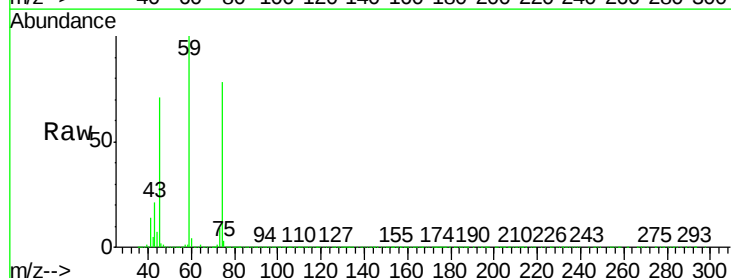
MMDadoda
2/5/2020 12:25:41 PM

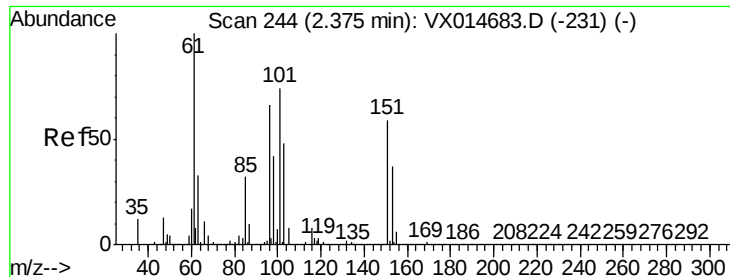


#8

Diethyl Ether
Concen: 44.059 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.258 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

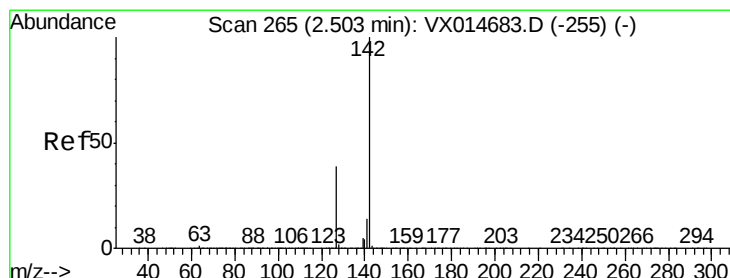
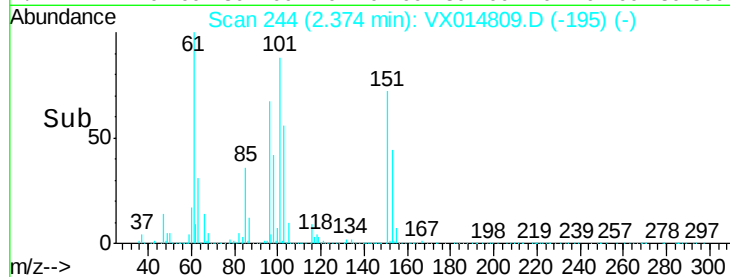
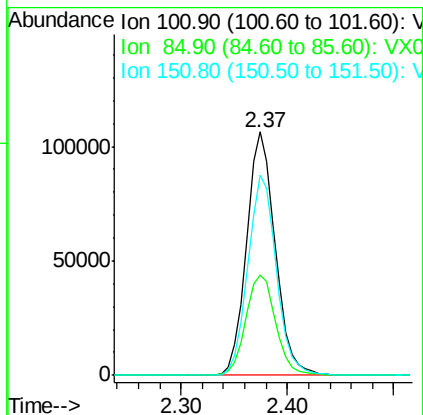
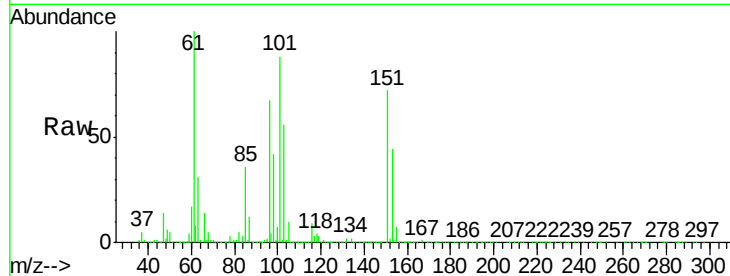
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	201475
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.7	52.1
151	81.7	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 47.333 ug/l

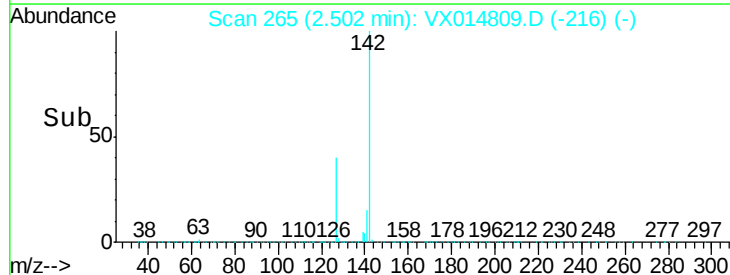
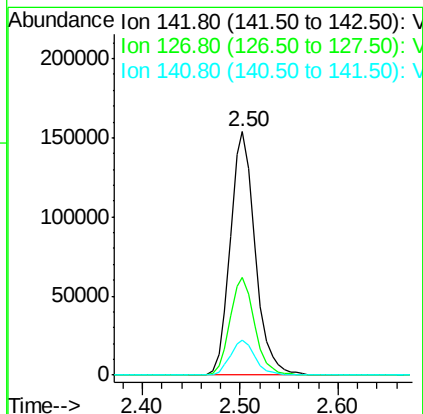
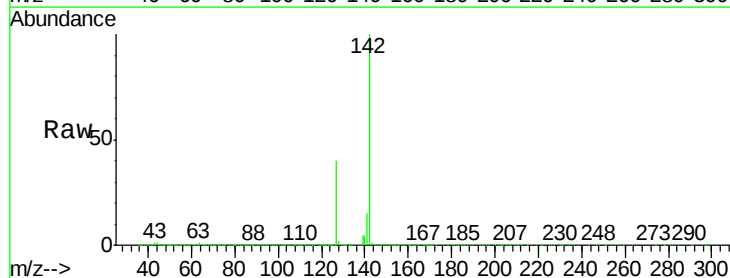
RT: 2.50 min Scan# 265

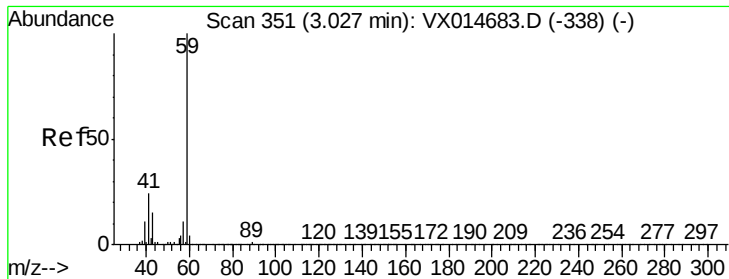
Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	142	Resp:	270508
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.1	46.7
141	14.5	11.3	16.9





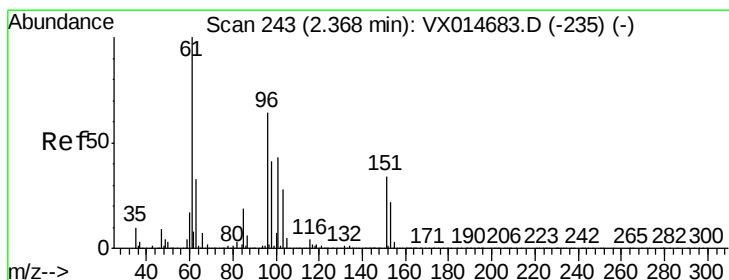
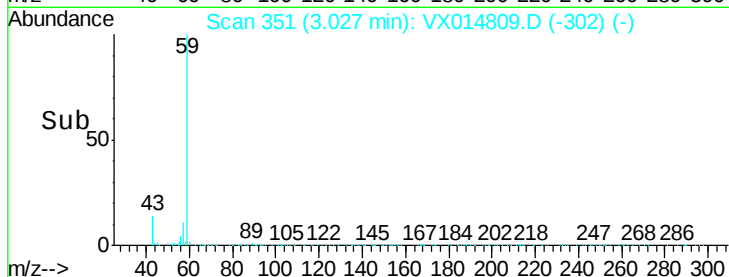
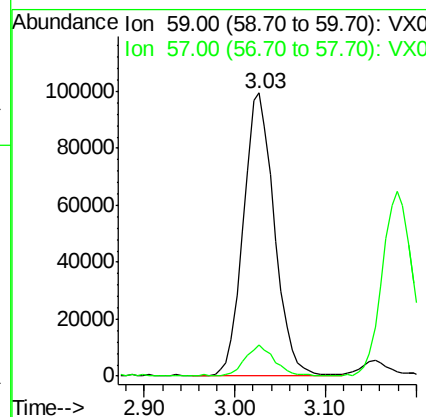
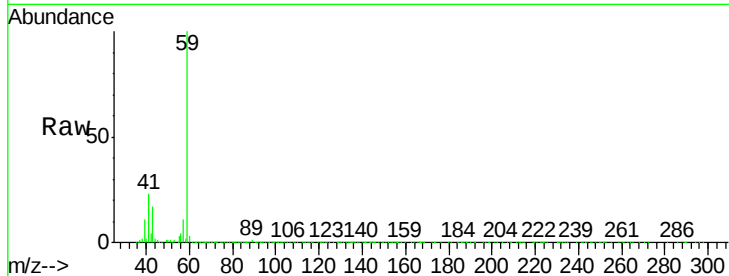
#11
Tert butyl alcohol
Concen: 205.241 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

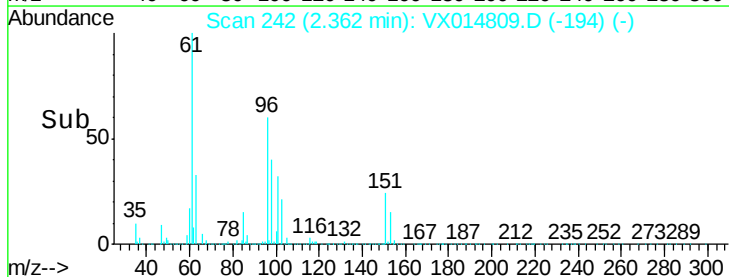
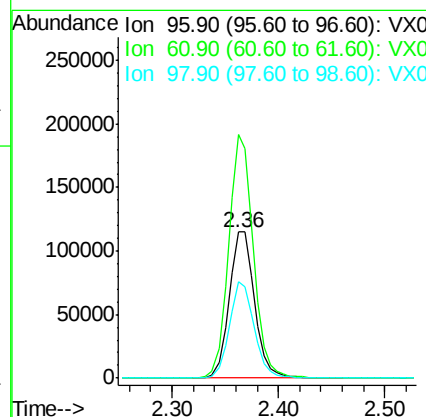
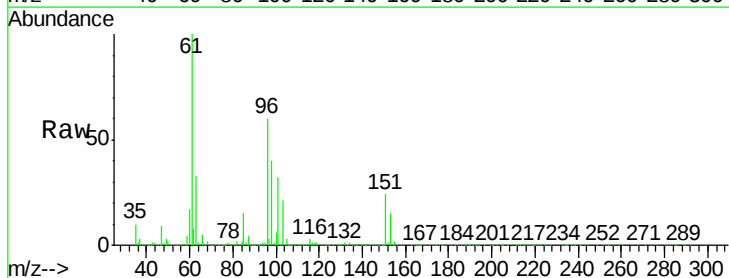
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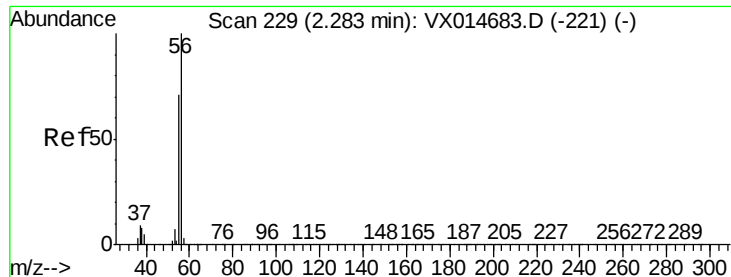
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.144 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	125.8	188.8
98	65.7	51.5	77.3





#13

Acrolein

Concen: 255.722 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 230279

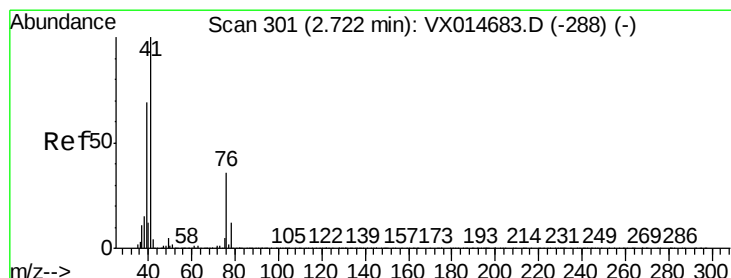
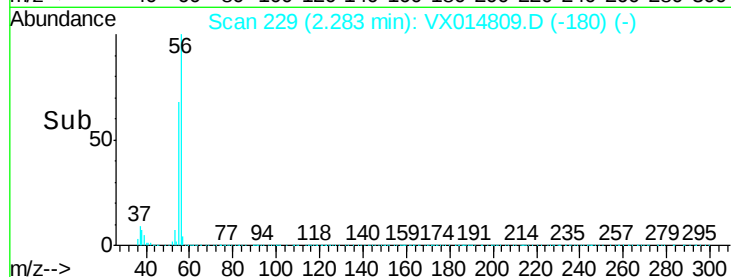
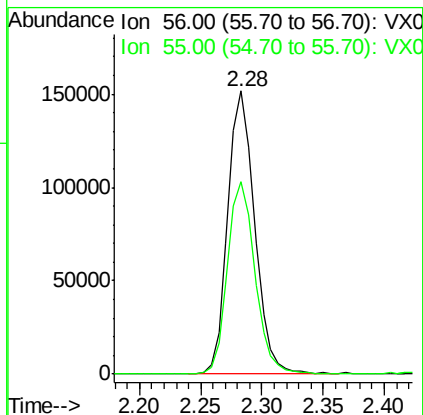
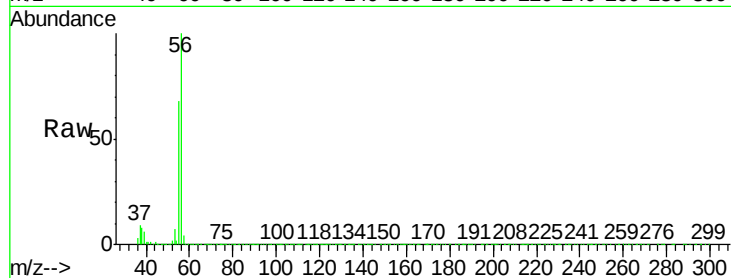
Ion Ratio Lower Upper

56 100

55 69.2 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 45.012 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

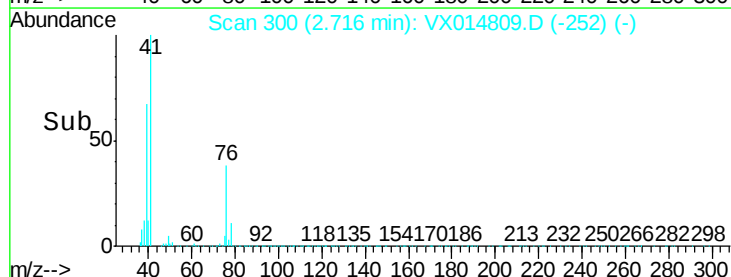
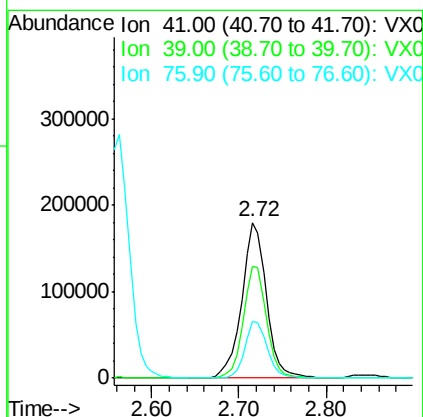
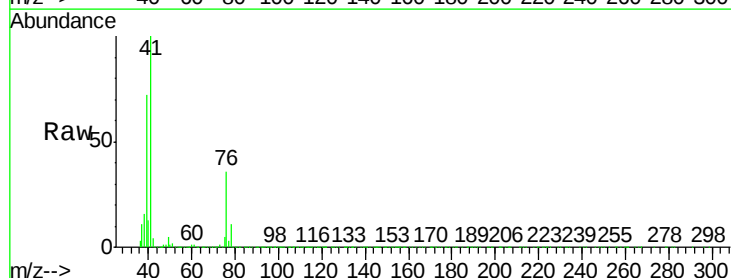
Tgt Ion: 41 Resp: 350355

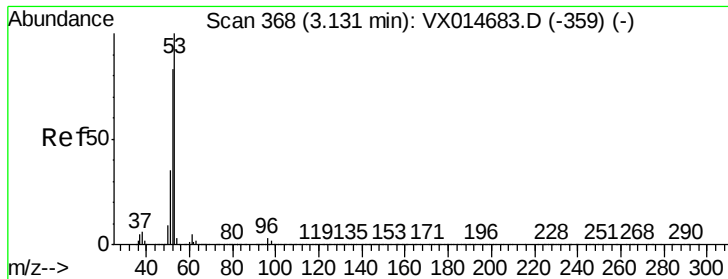
Ion Ratio Lower Upper

41 100

39 68.3 52.0 78.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 224.698 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

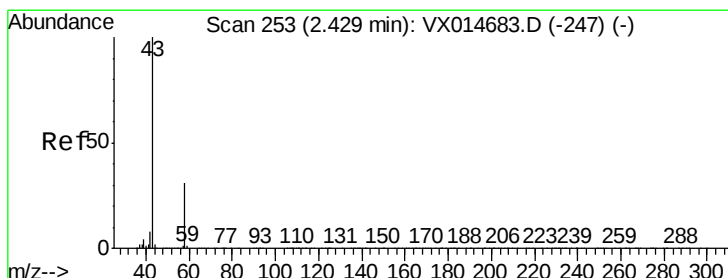
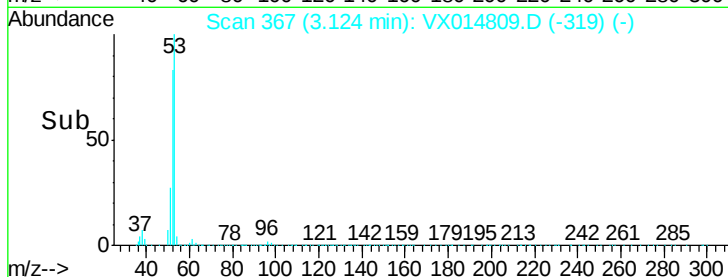
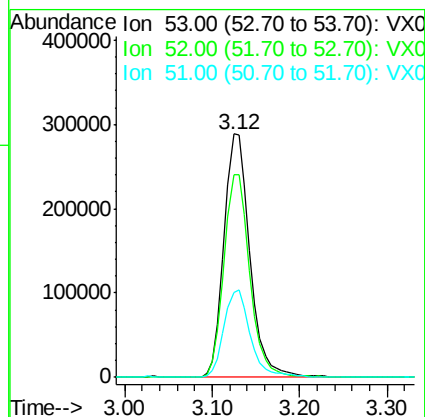
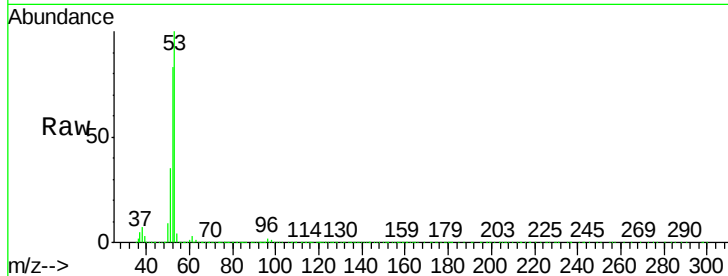
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	593769
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.4	99.6
51	36.1	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 218.196 ug/l

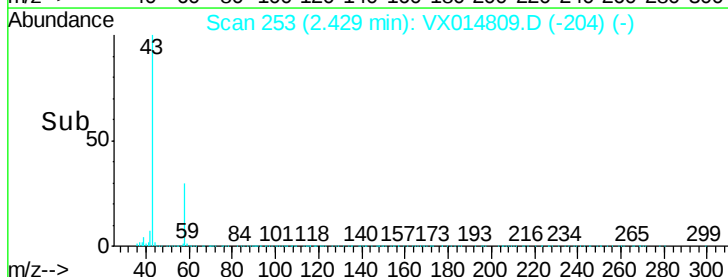
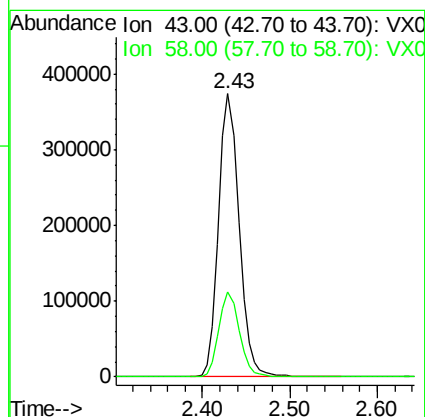
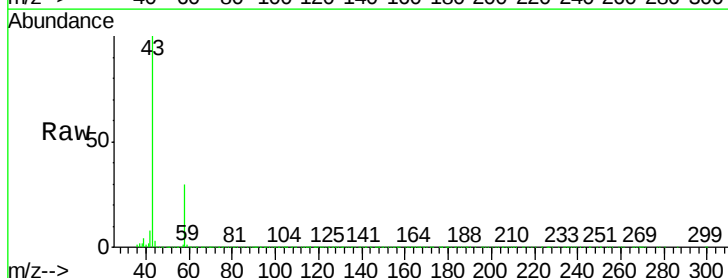
RT: 2.43 min Scan# 253

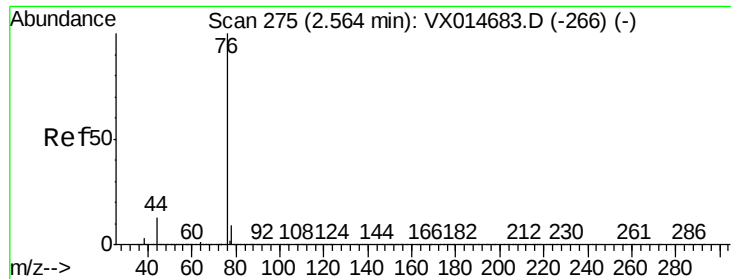
Delta R.T. 0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	43	Resp:	608278
Ion Ratio	Lower	Upper	
43	100		
58	29.9	24.5	36.7





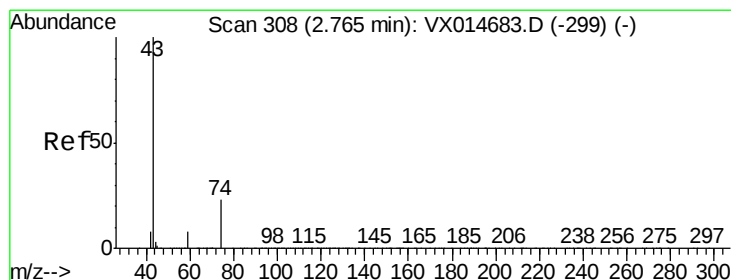
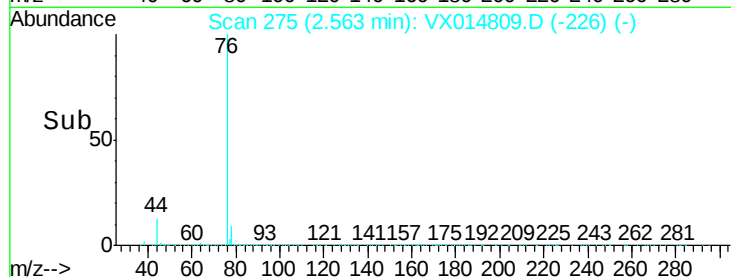
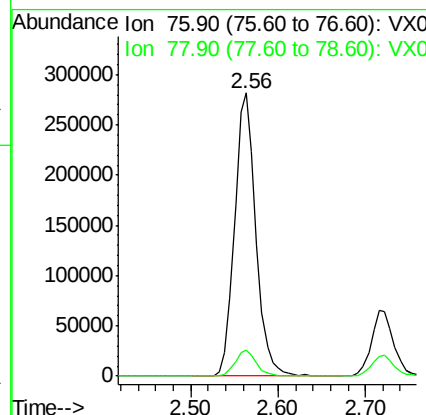
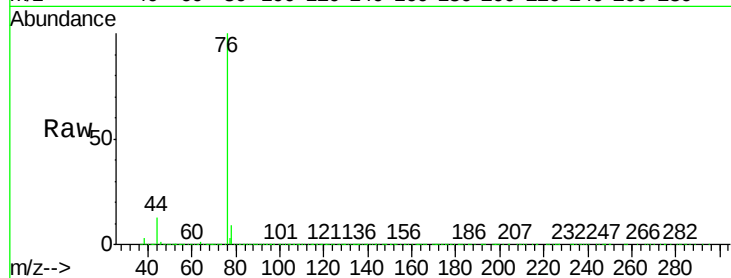
#17
Carbon Disulfide
Concen: 40.240 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

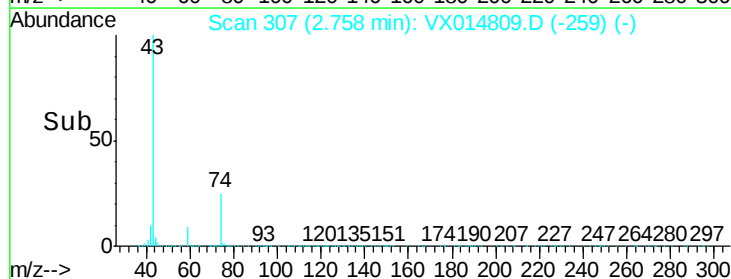
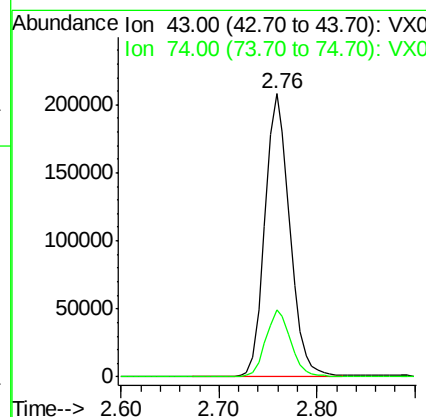
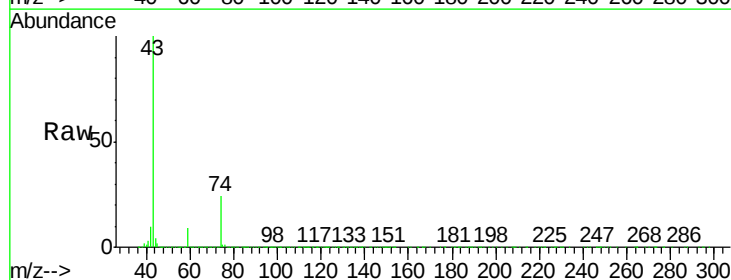
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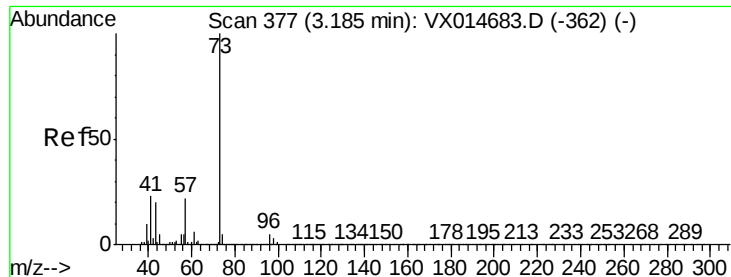
MMDadoda
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#18
Methyl Acetate
Concen: 45.966 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.5	27.7





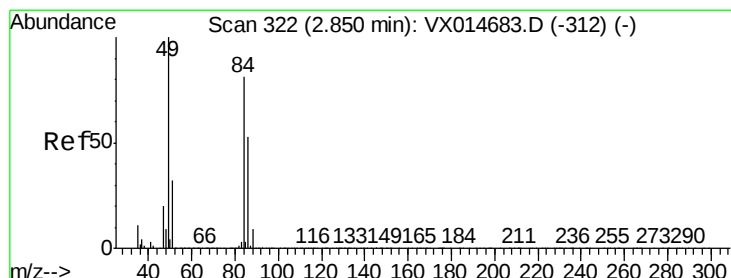
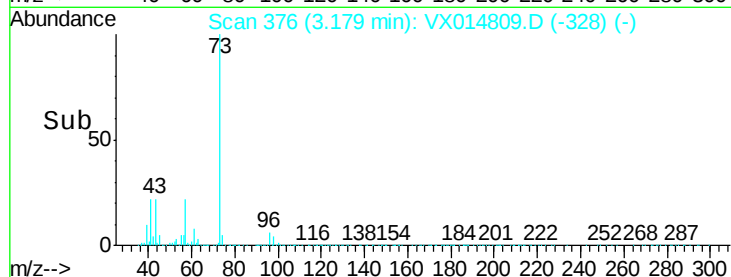
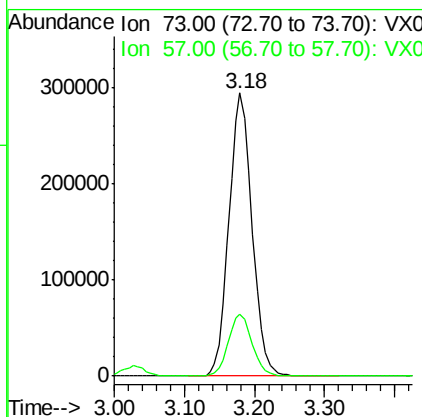
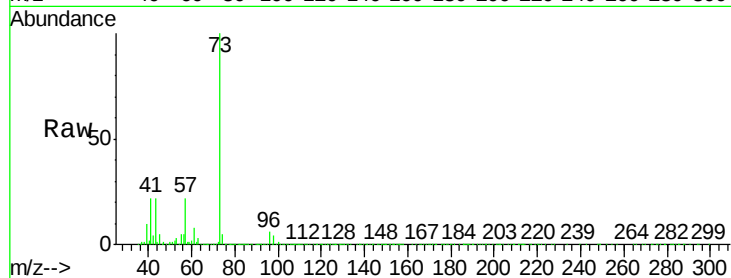
#19
Methvl tert-butvl Ether
Concen: 47.618 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

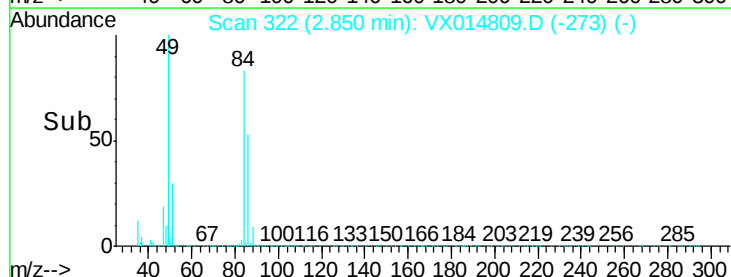
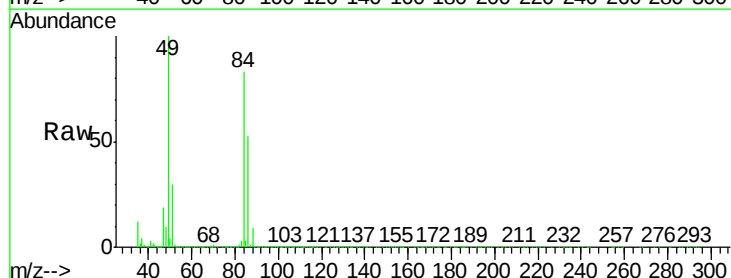
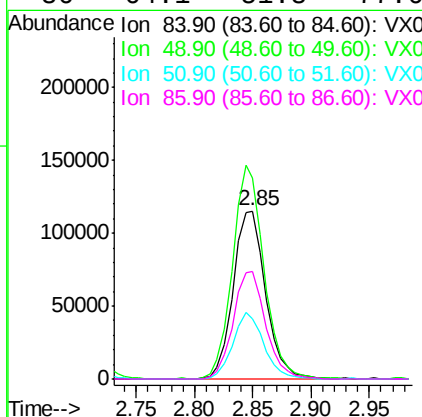
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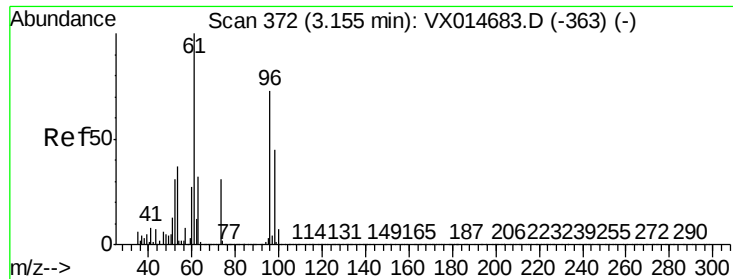
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#20
Methylene Chloride
Concen: 43.061 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.1	98.2	147.4
51	35.9	31.3	46.9
86	64.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 43.575 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

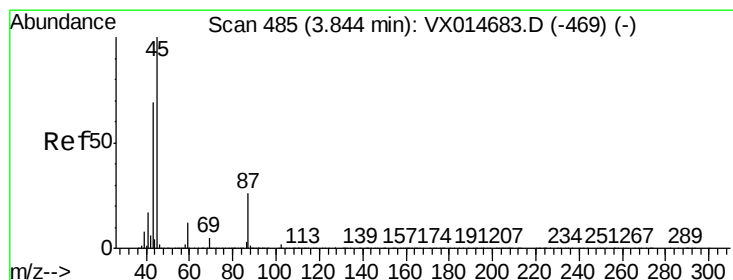
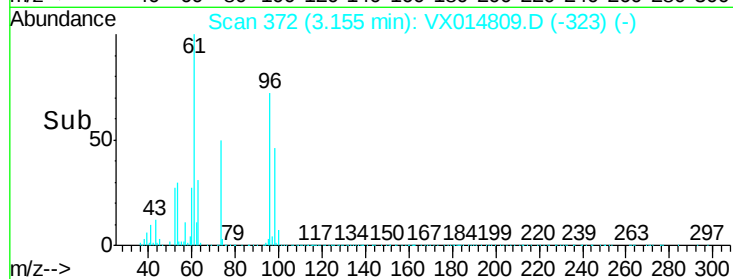
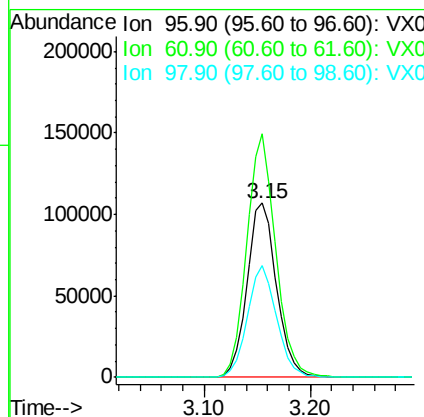
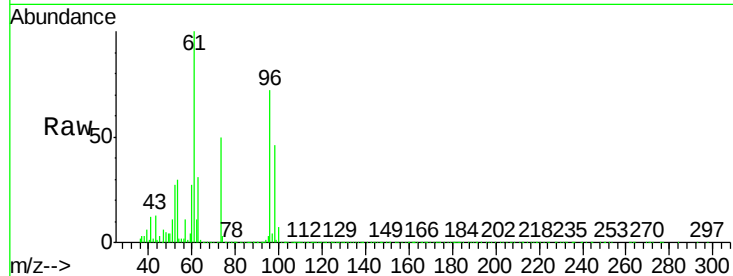
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	207767
Ion Ratio	Lower	Upper	
96	100		
61	139.6	109.8	164.6
98	64.0	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.422 ug/l

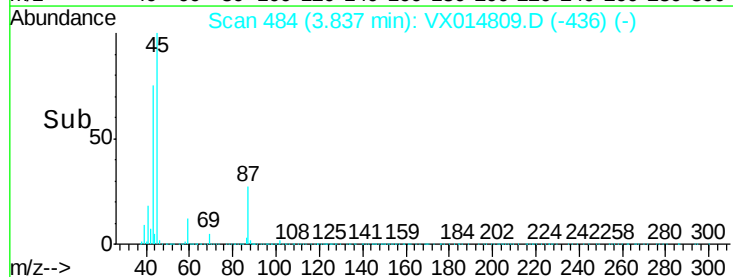
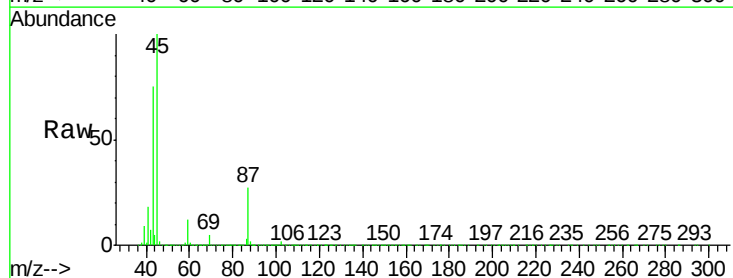
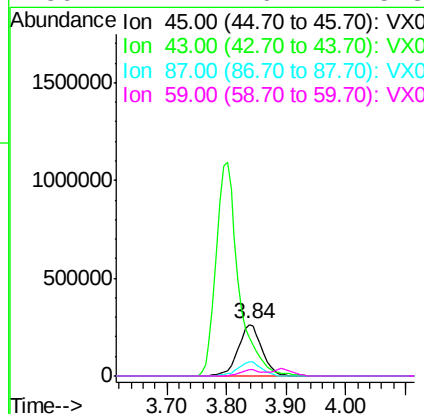
RT: 3.84 min Scan# 484

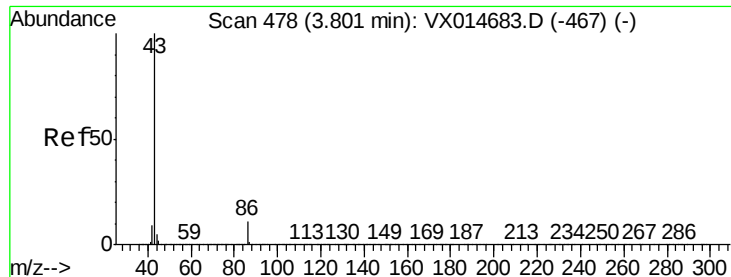
Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	45	Resp:	718893
Ion Ratio	Lower	Upper	
45	100		
43	74.6	55.1	82.7
87	26.9	20.7	31.1
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 242.686 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2864873

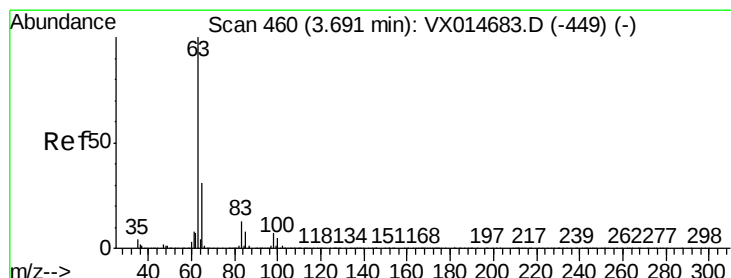
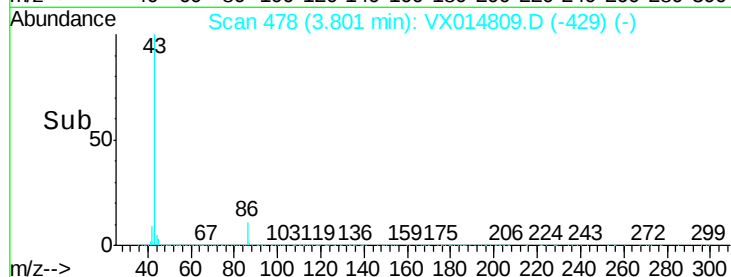
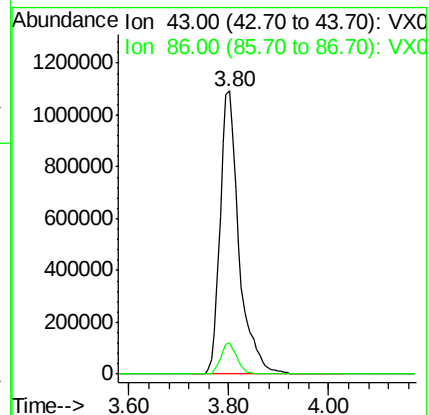
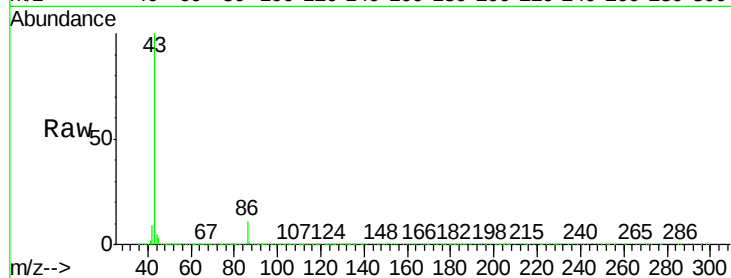
Ion Ratio Lower Upper

43 100

86 11.0 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 45.904 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

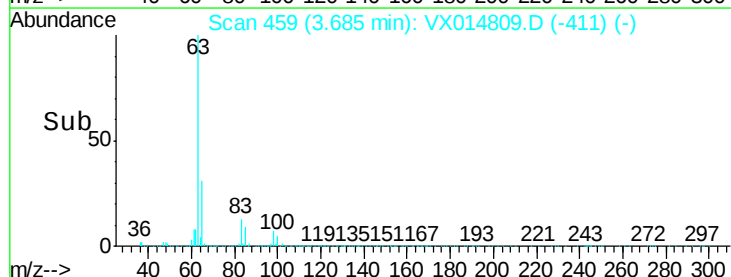
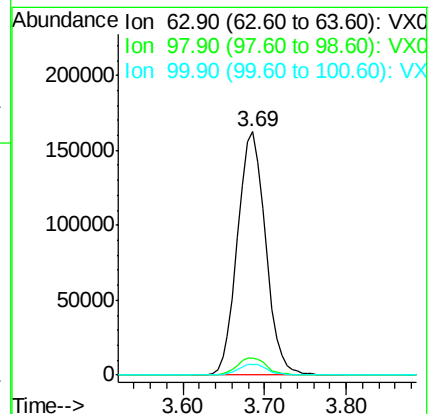
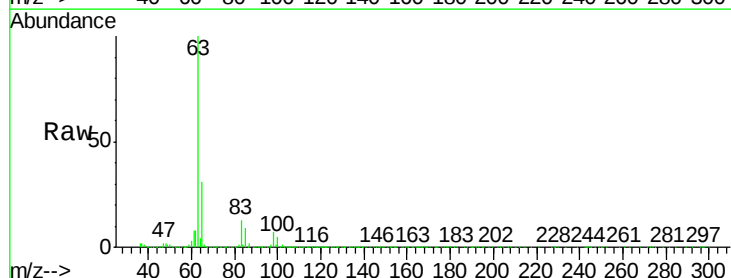
Tgt Ion: 63 Resp: 386059

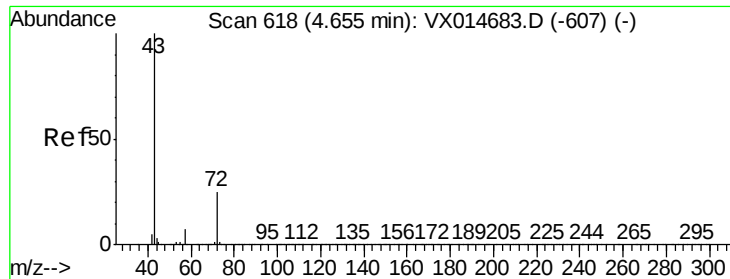
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 217.618 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 869279

Ion Ratio Lower Upper

43 100

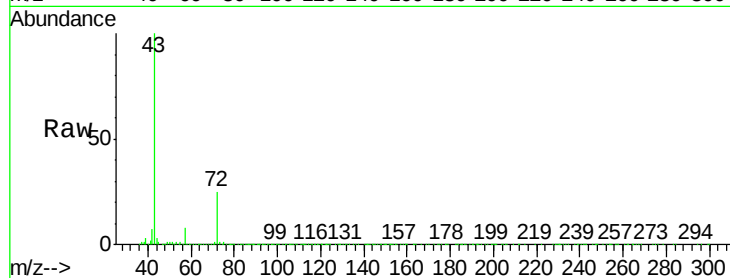
72 24.9 19.9 29.9

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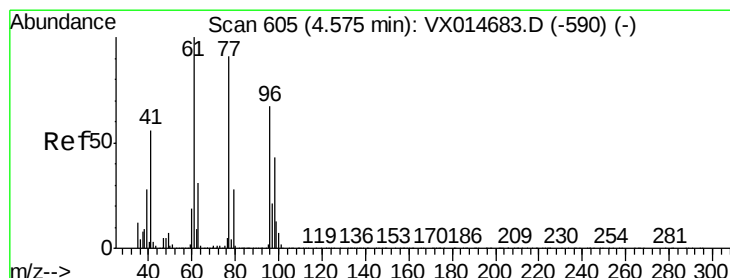
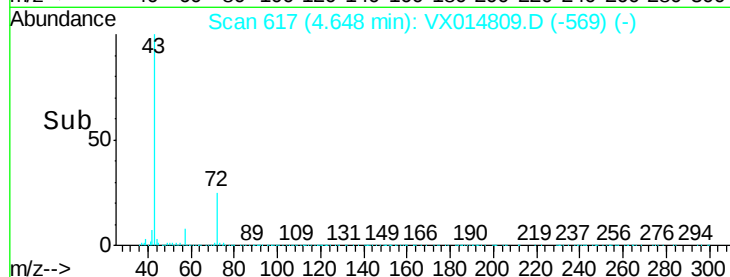
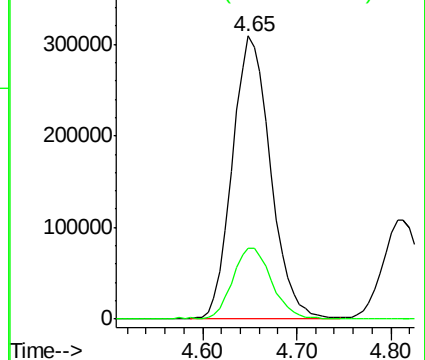
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.365 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014809.D

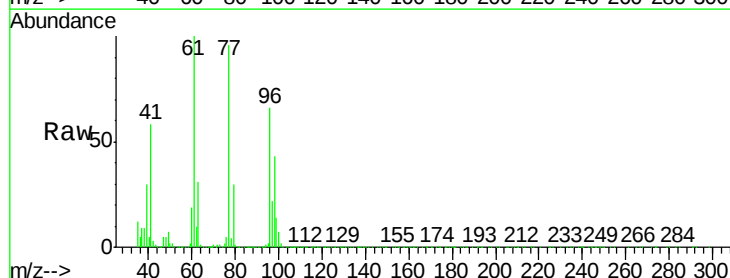
Acq: 04 Feb 2020 16:56

Tgt Ion: 77 Resp: 325574

Ion Ratio Lower Upper

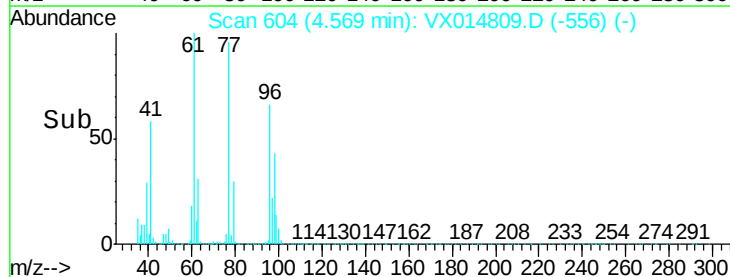
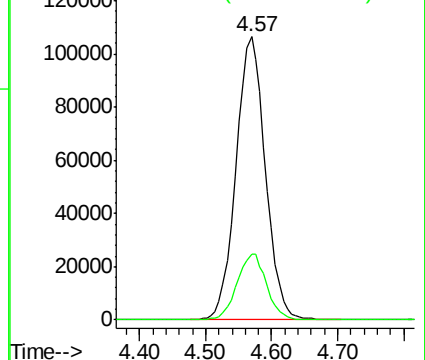
77 100

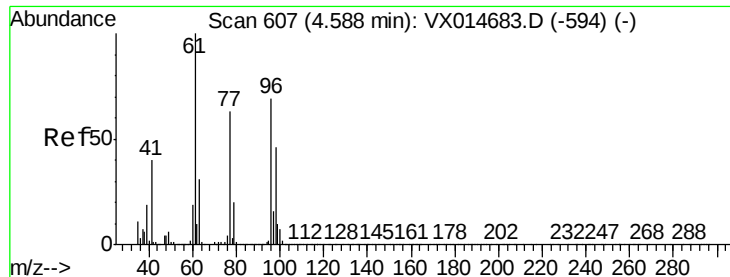
97 23.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

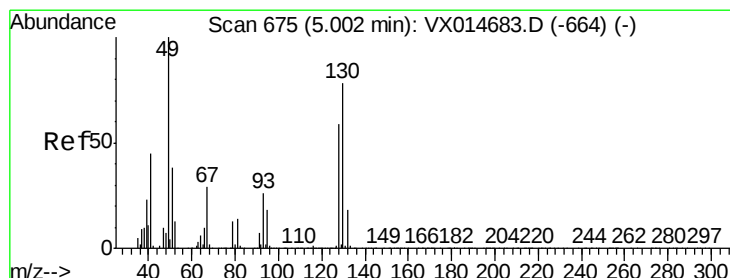
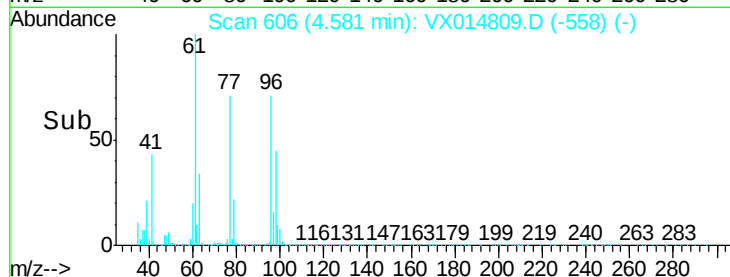
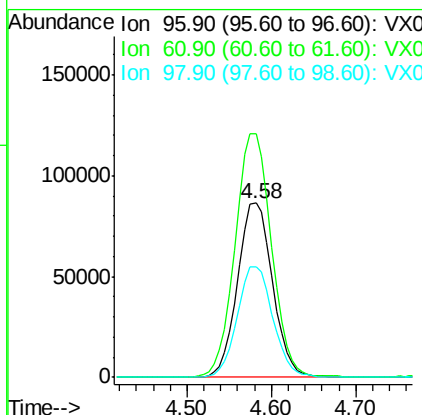
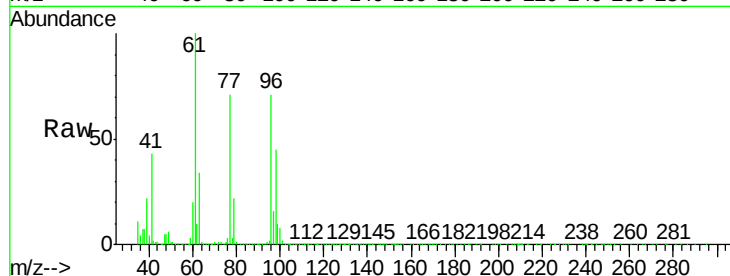
cis-1,2-Dichloroethene
Concen: 45.497 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	291.0
98	64.4	0.0	129.8

Manual Integrations
APPROVED

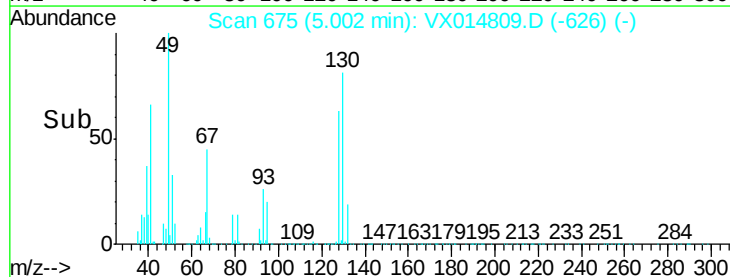
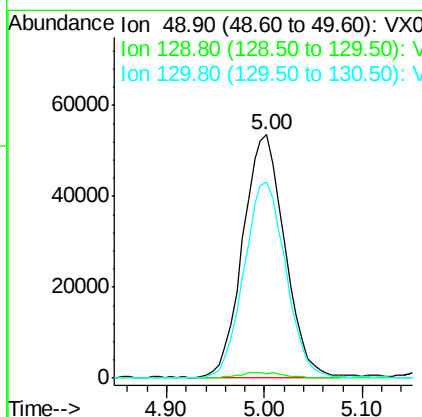
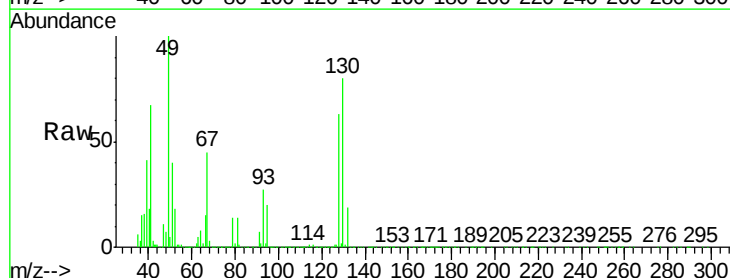
MMDadoda
2/5/2020 12:25:41 PM

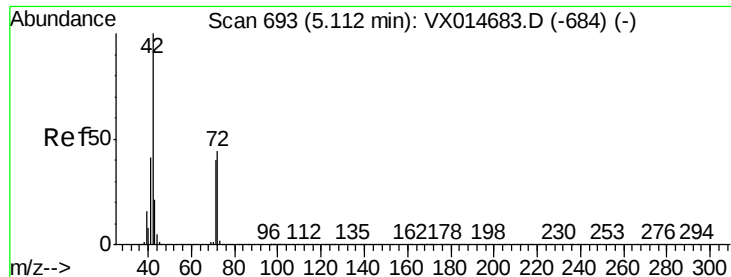


#28

Bromochloromethane
Concen: 43.287 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	79.9	62.4	93.6





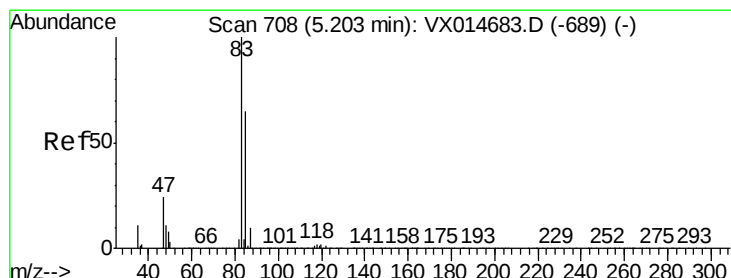
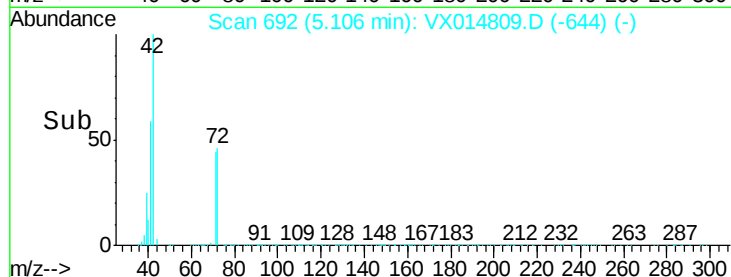
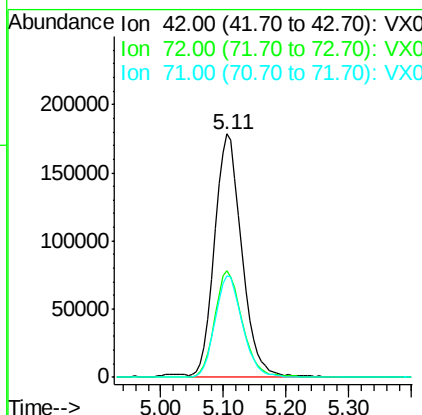
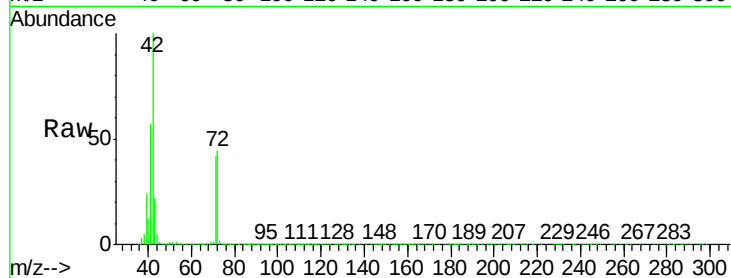
#29
Tetrahydrofuran
Concen: 224.607 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	532504
Ion Ratio		Lower	Upper
42	100		
72	45.0	35.3	52.9
71	42.0	33.1	49.7

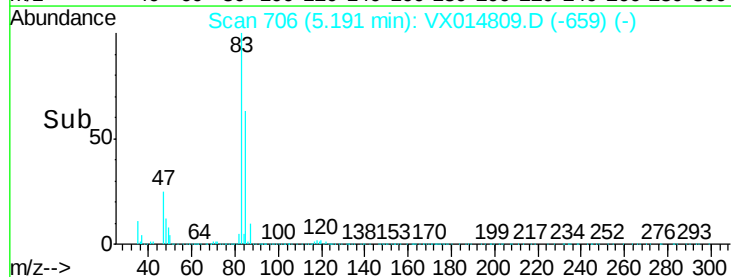
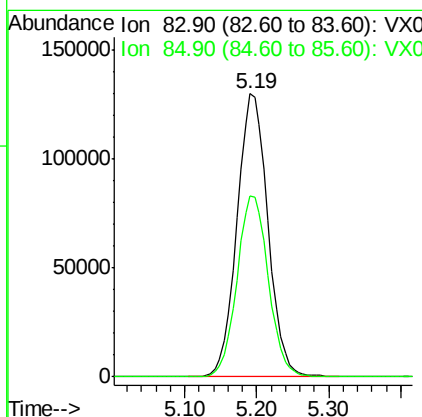
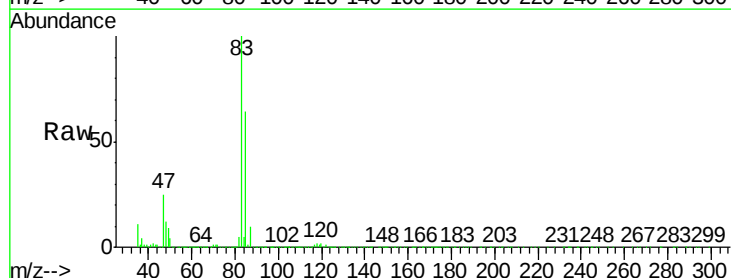
Manual Integrations
APPROVED

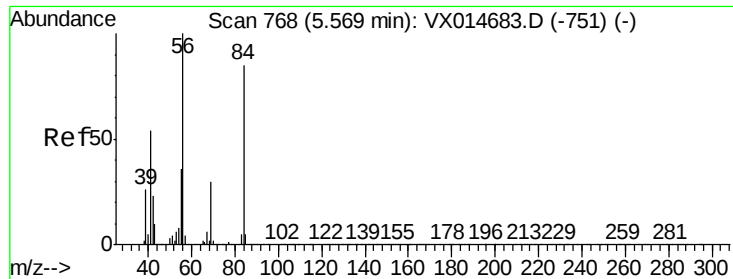
MMDadoda
2/5/2020 12:25:41 PM



#30
Chloroform
Concen: 46.514 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion:	83	Resp:	387509
Ion Ratio		Lower	Upper
83	100		
85	63.9	51.7	77.5





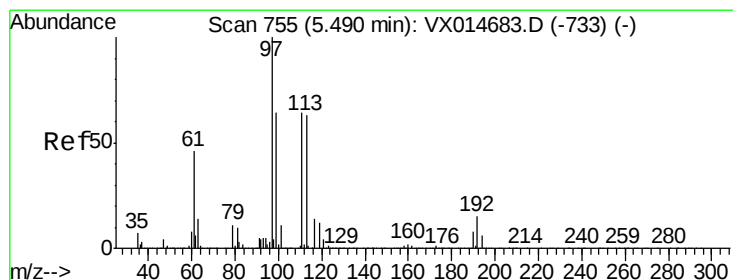
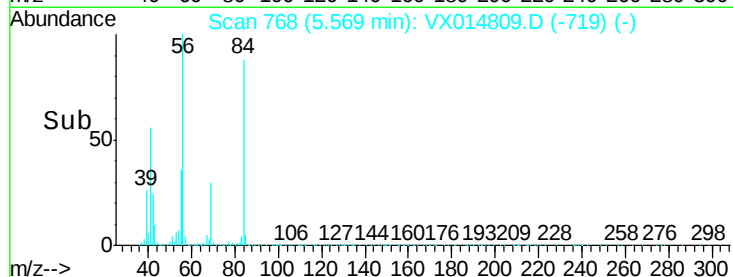
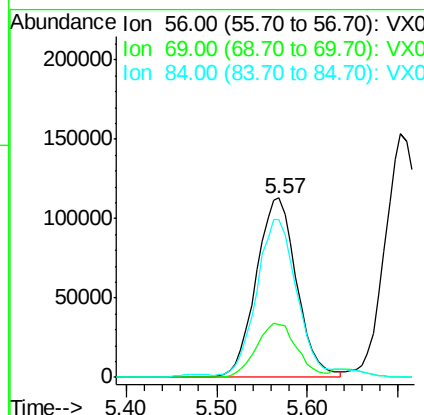
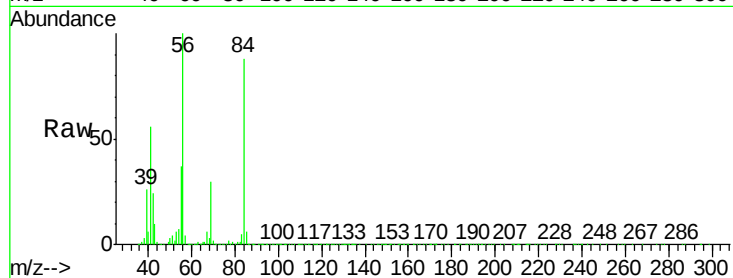
#31
Cyclohexane
Concen: 43.903 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.9	23.4	35.2	
84	86.6	68.4	102.6	

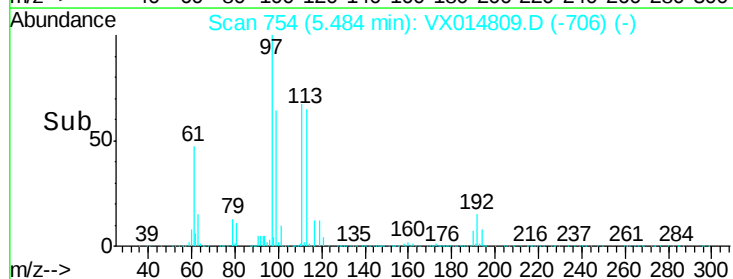
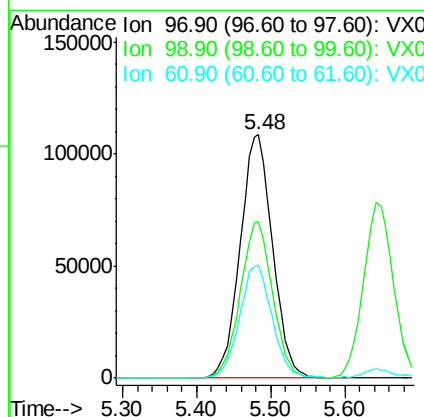
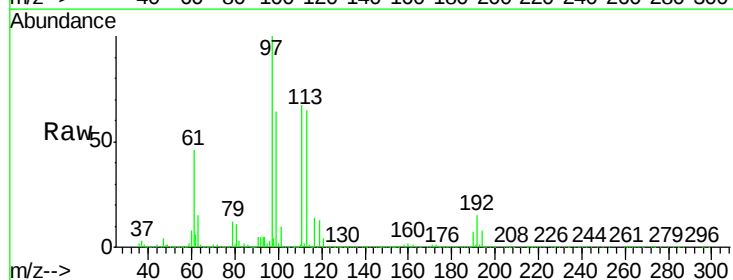
Manual Integrations
APPROVED

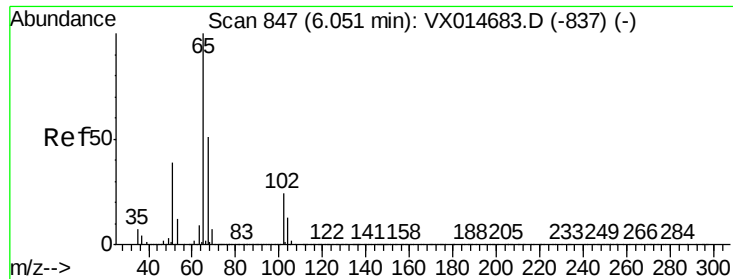
MMDadoda
2/5/2020 12:25:41 PM



#32
1,1,1-Trichloroethane
Concen: 46.993 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	52.3	78.5	
61	46.4	37.2	55.8	





#33

1,2-Dichloroethane-d4

Concen: 49.411 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 251354

Ion Ratio Lower Upper

65 100

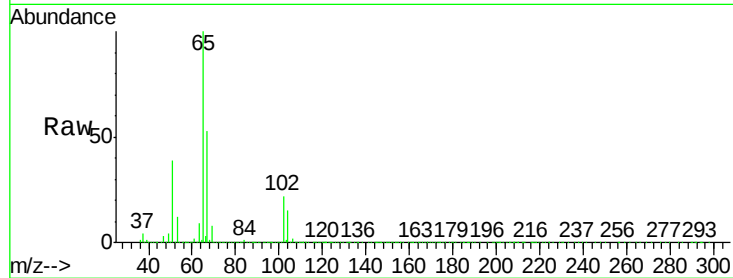
67 51.4 0.0 107.4

Manual Integrations

APPROVED

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2/5/2020 12:25:41 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

100000

80000

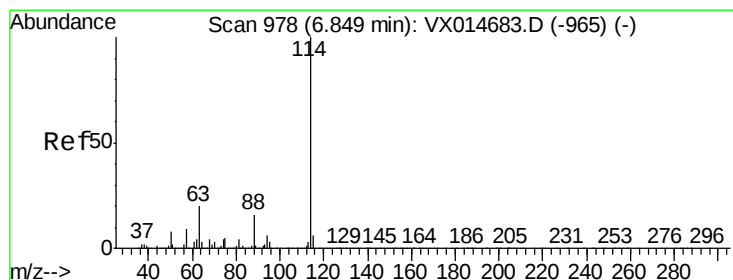
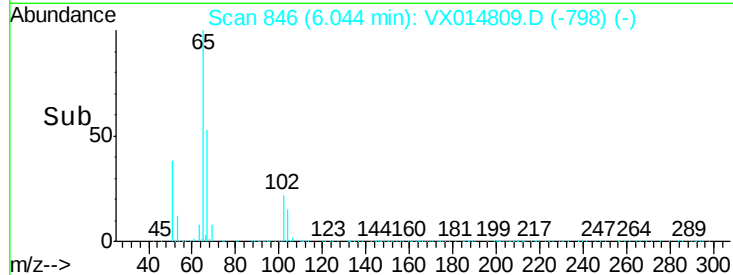
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

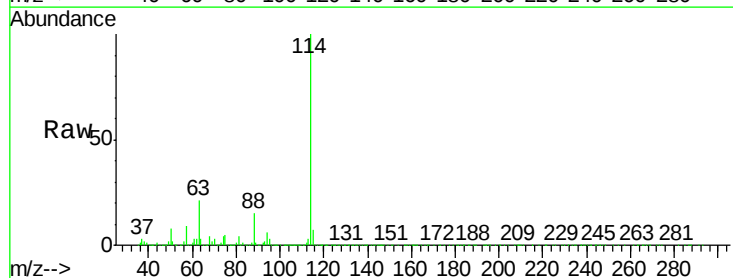
Tgt Ion: 114 Resp: 643218

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 15.4 0.0 31.2



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

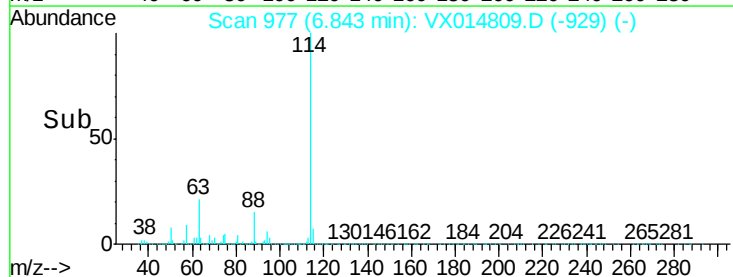
300000

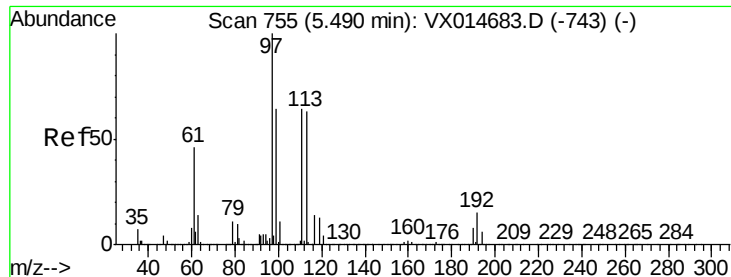
200000

100000

0

Time-->





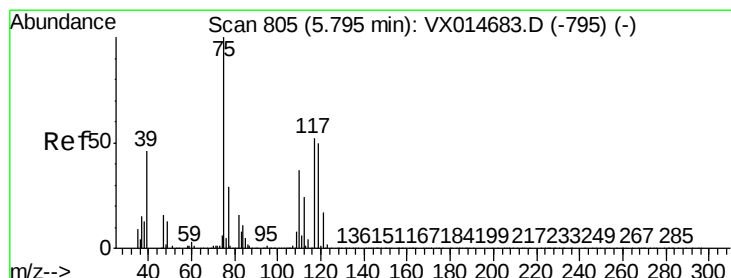
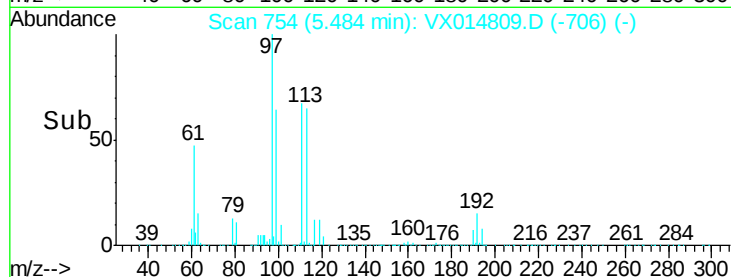
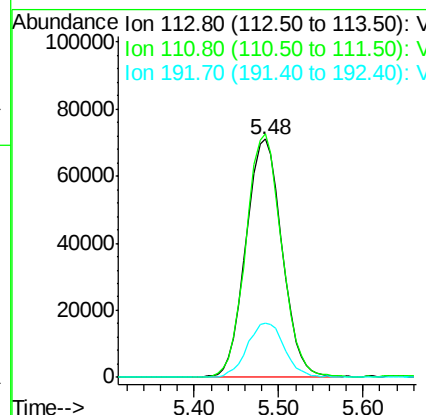
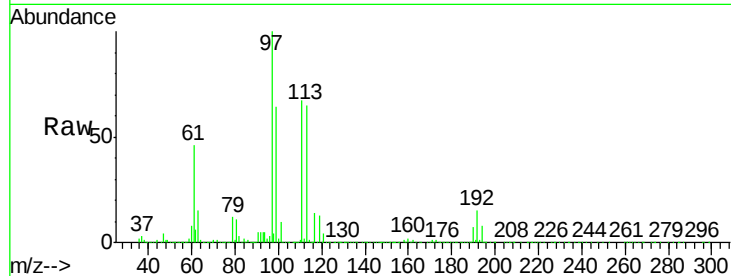
#35
 Dibromofluoromethane
 Concen: 50.786 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	206124		
111	101.0	80.7	121.1	
192	23.5	18.5	27.7	

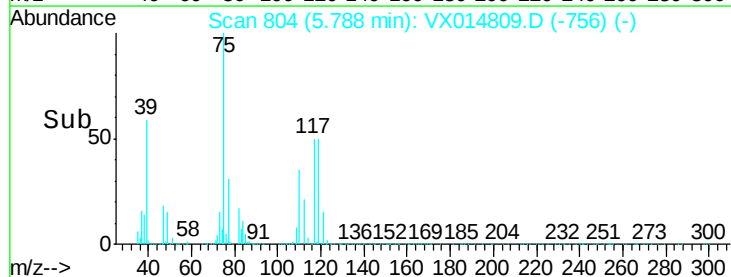
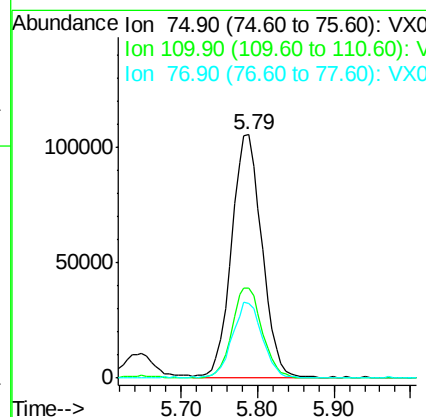
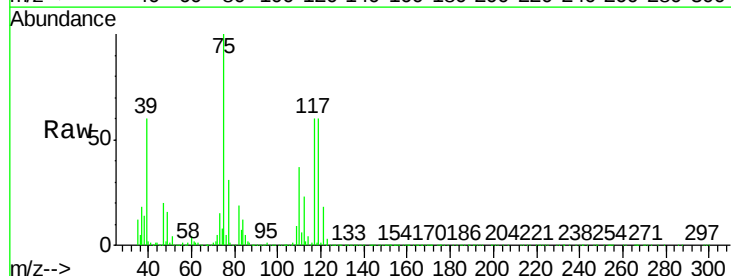
Manual Integrations
 APPROVED

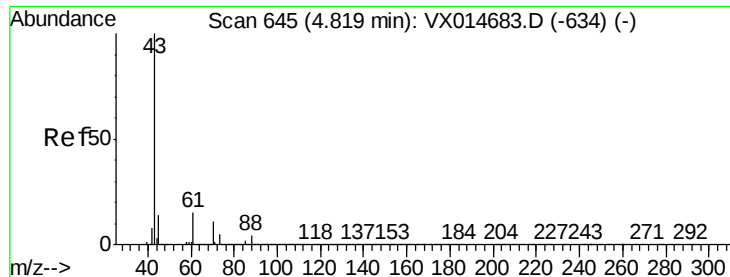
MMDadoda
 2/5/2020 12:25:41 PM



#36
 1,1-Dichloropropene
 Concen: 48.161 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	287847		
110	36.9	17.9	53.7	
77	30.6	24.1	36.1	





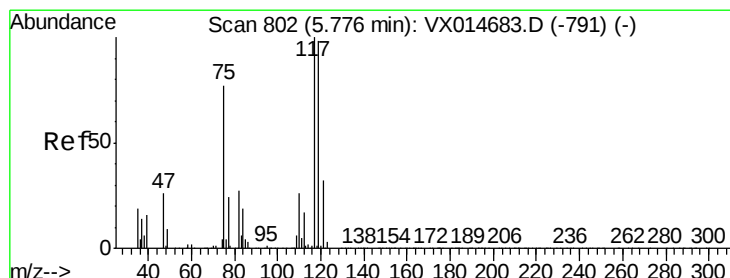
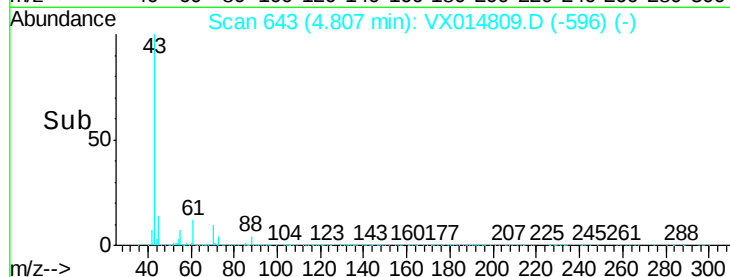
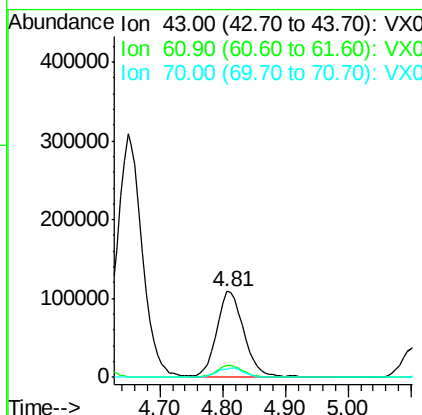
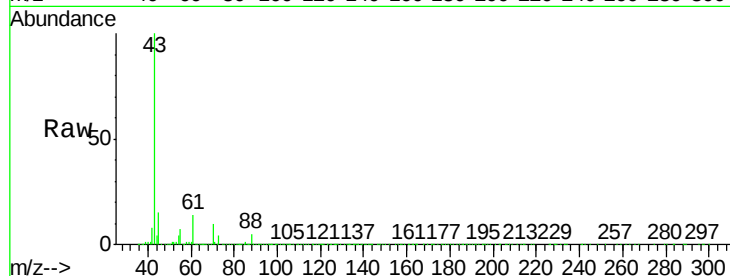
#37
Ethyl Acetate
Concen: 47.605 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	10.7	8.5	12.7

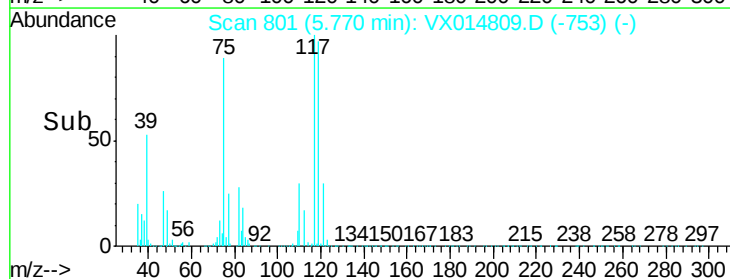
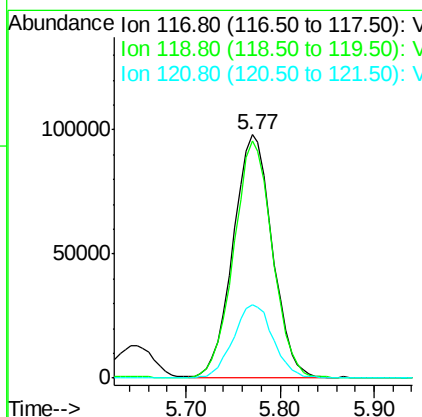
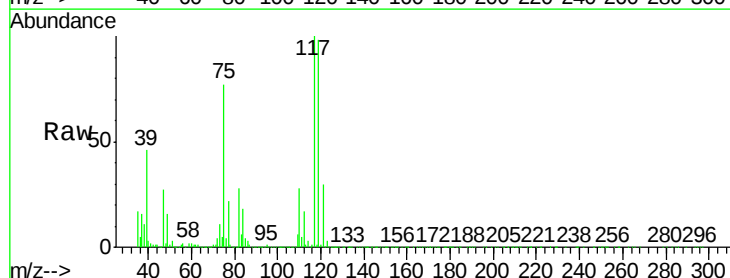
Manual Integrations
APPROVED

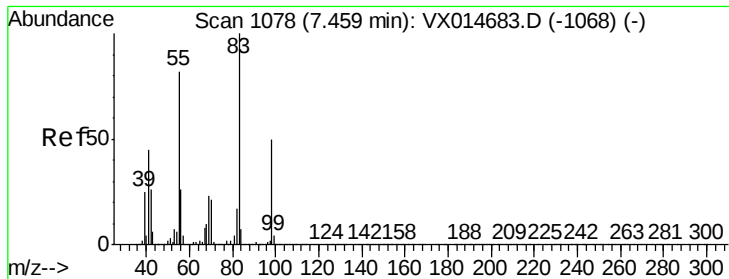
MMDadoda
2/5/2020 12:25:41 PM



#38
Carbon Tetrachloride
Concen: 49.818 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.9	116.9
121	30.1	25.4	38.2





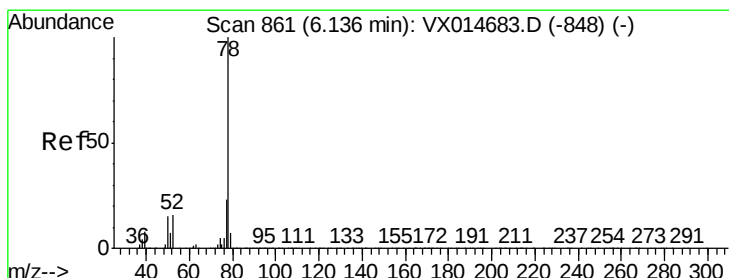
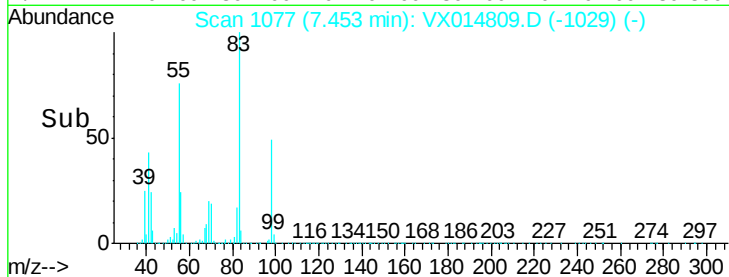
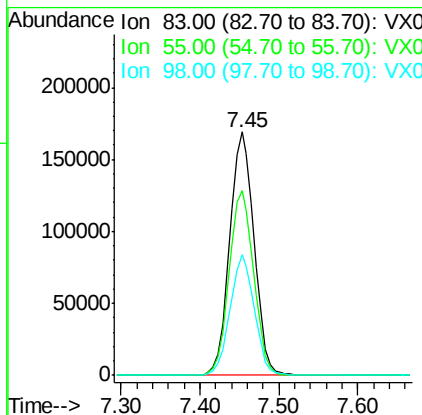
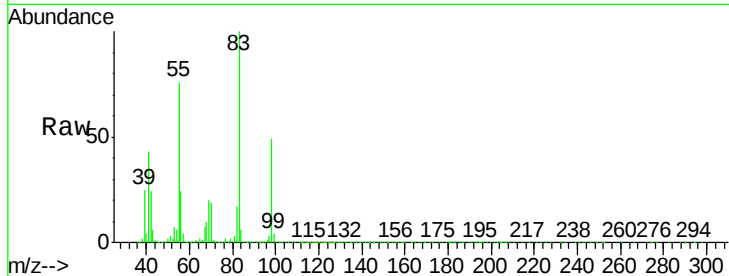
#39
Methvlcvclohexane
Concen: 48.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	361975		
55	75.8		65.6	98.4
98	49.3		40.2	60.4

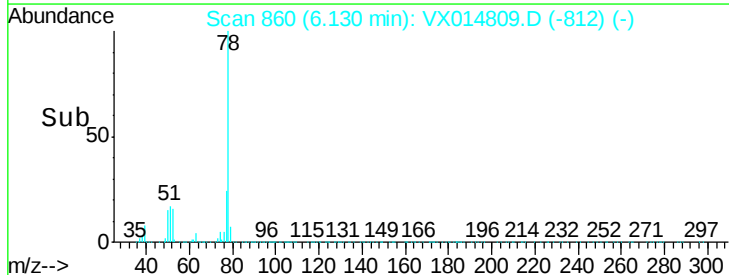
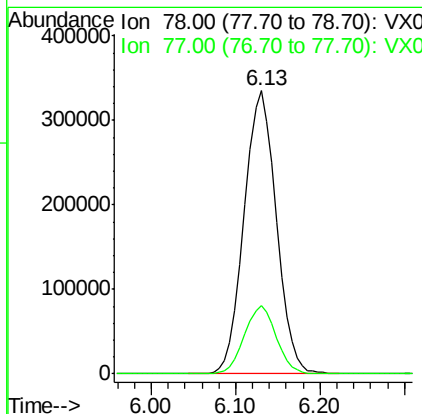
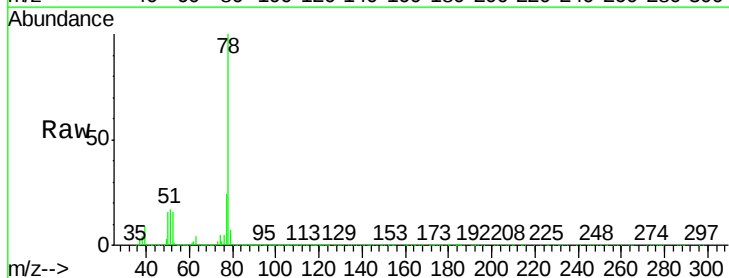
Manual Integrations
APPROVED

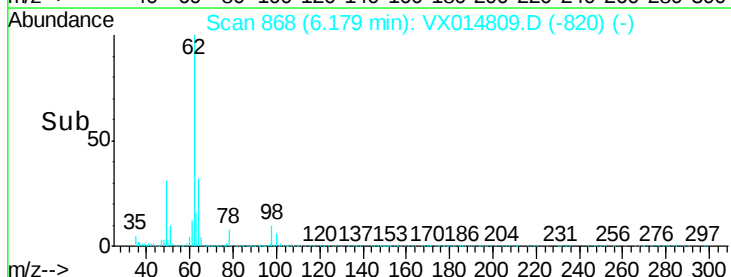
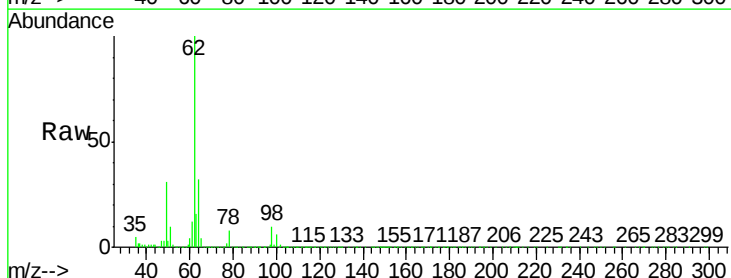
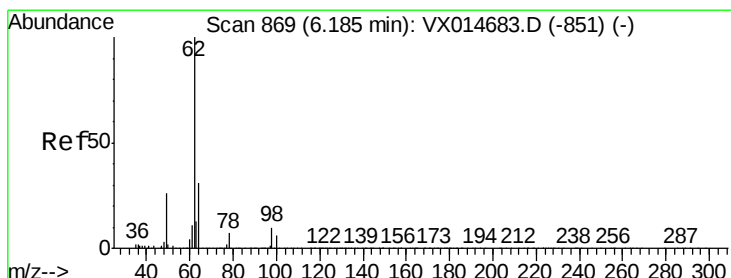
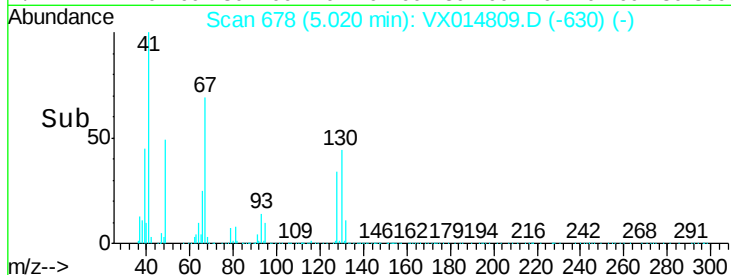
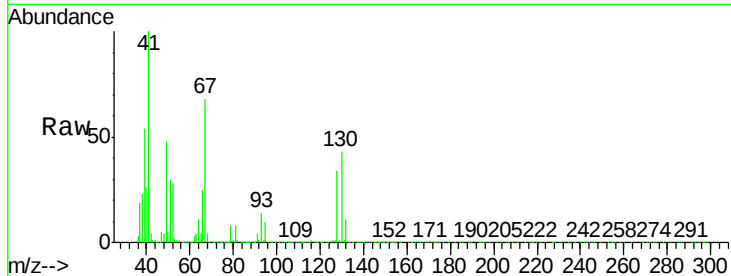
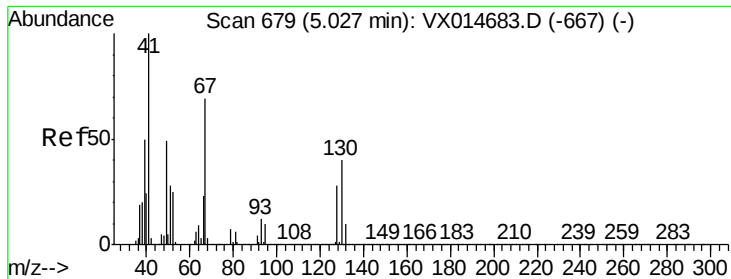
MMDadoda
2/5/2020 12:25:41 PM



#40
Benzene
Concen: 46.906 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

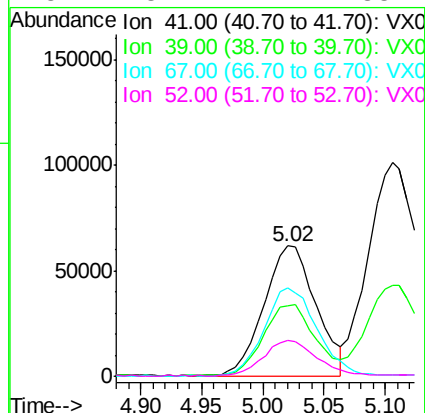
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	866222		
77	23.9		18.7	28.1





#41
Methacrylonitrile
Concen: 46.483 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		181604		
39	54.4	42.2	63.2		
67	69.5	55.4	83.0		
52	28.1	22.1	33.1		



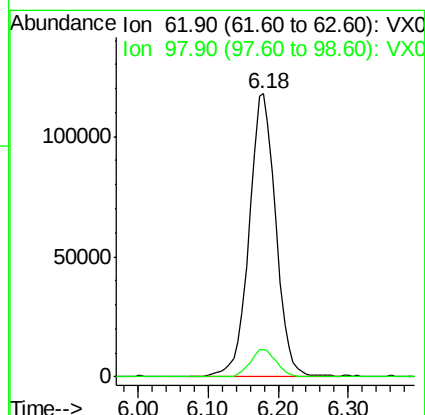
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

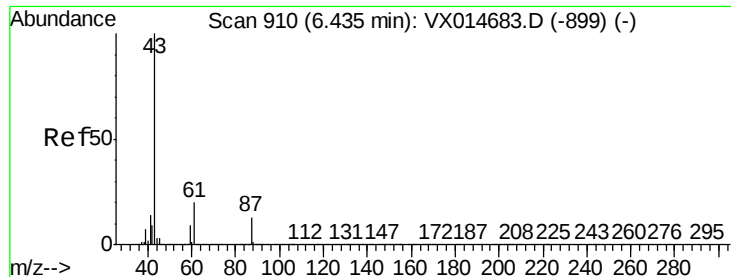
Manual Integrations
APPROVED

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2/5/2020 12:25:41 PM

#42
1,2-Dichloroethane
Concen: 48.708 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		310618		
98	9.8	0.0	20.0		





#43

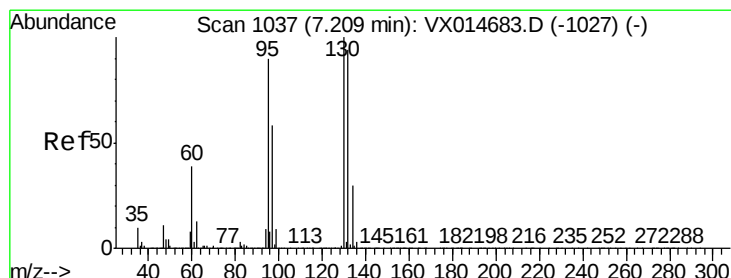
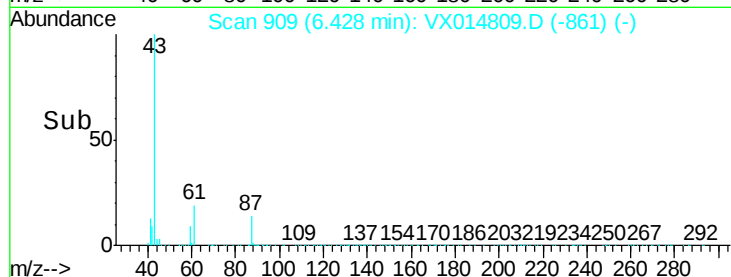
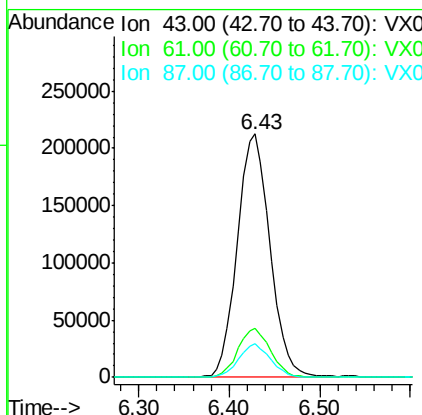
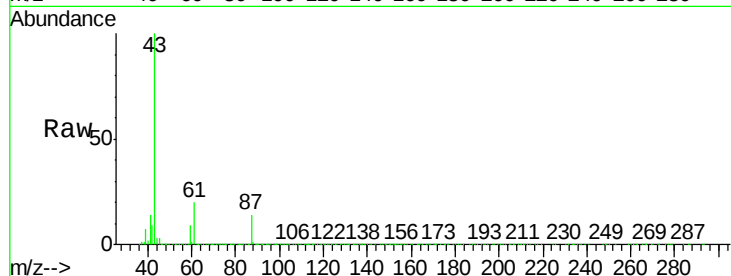
Isopropyl Acetate
 Concen: 47.346 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.4	10.5	15.7

Manual Integrations
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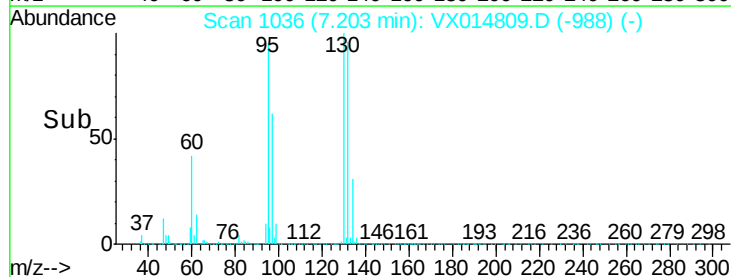
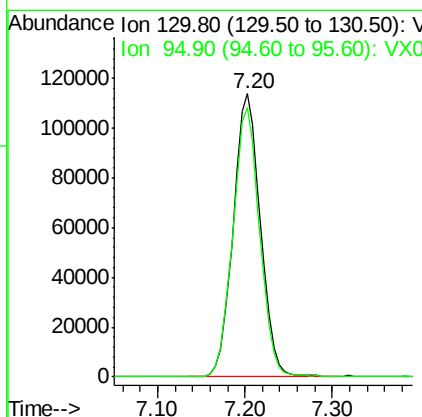
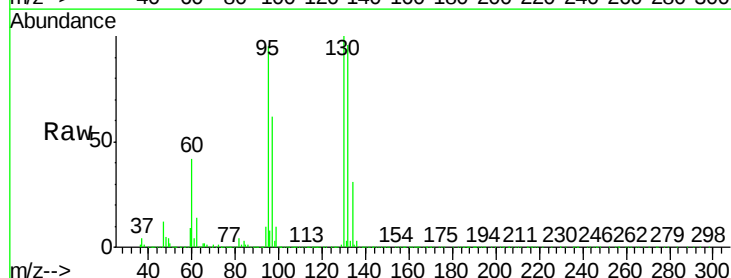
MMDadoda
 2/5/2020 12:25:41 PM

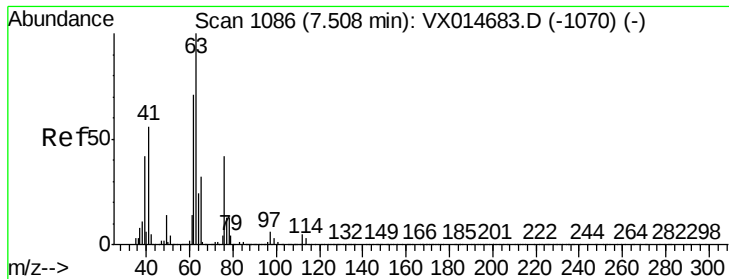


#44

Trichloroethene
 Concen: 46.843 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	179.8





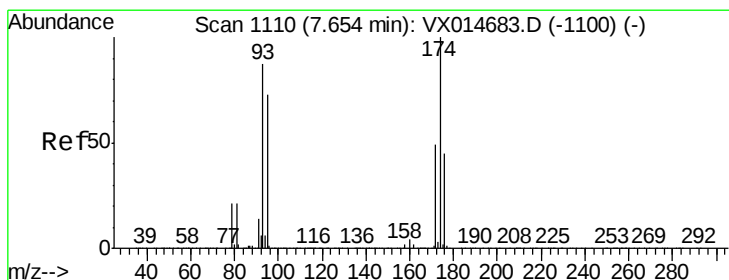
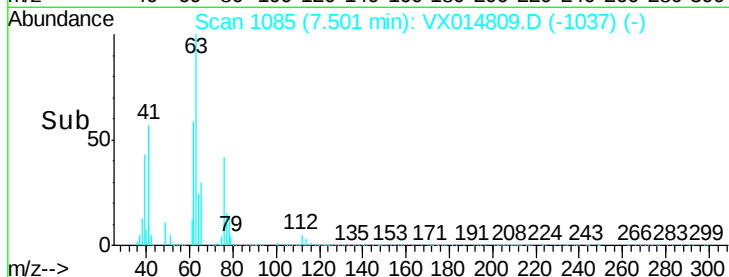
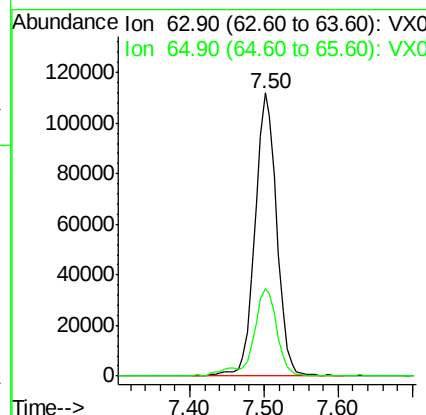
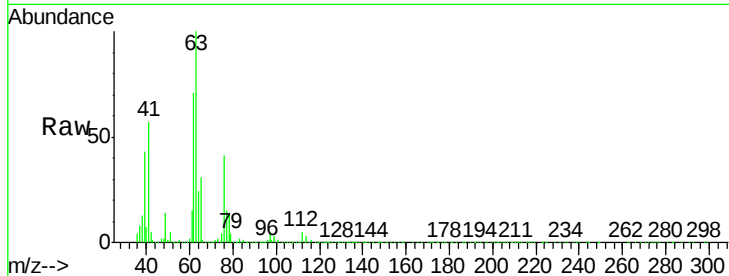
#45
 1,2-Dichloropropane
 Concen: 48.306 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.2	37.8

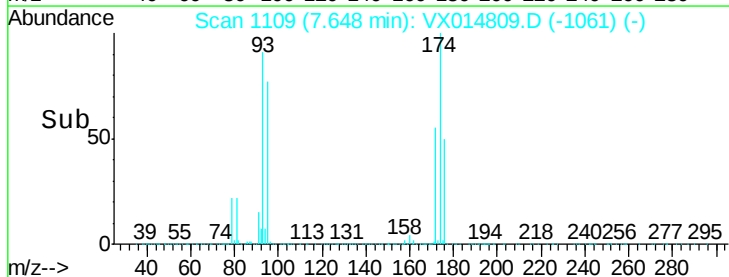
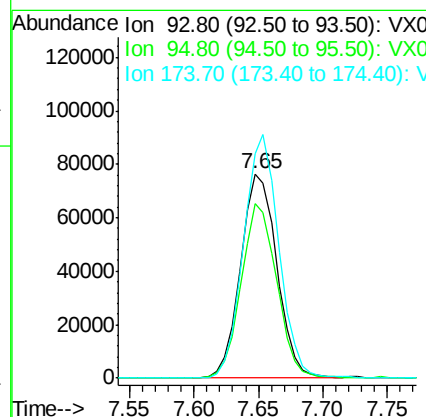
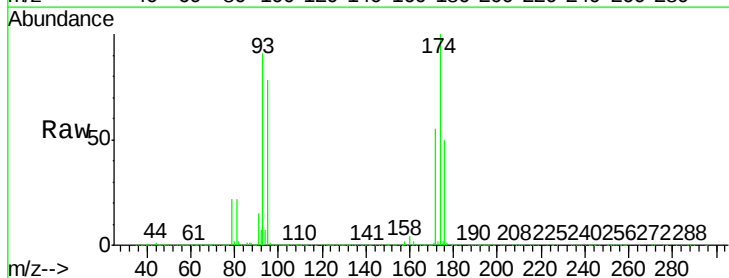
Manual Integrations
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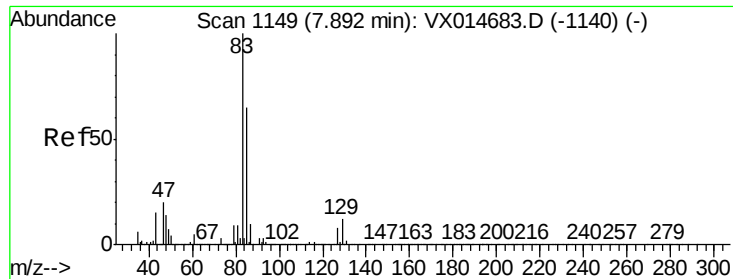
MMDadoda
 2/5/2020 12:25:41 PM



#46
 Dibromomethane
 Concen: 48.114 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.4
174	116.7	90.2	135.2





#47

Bromodichloromethane

Concen: 50.579 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

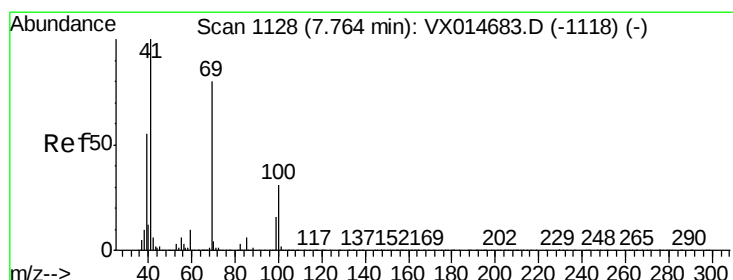
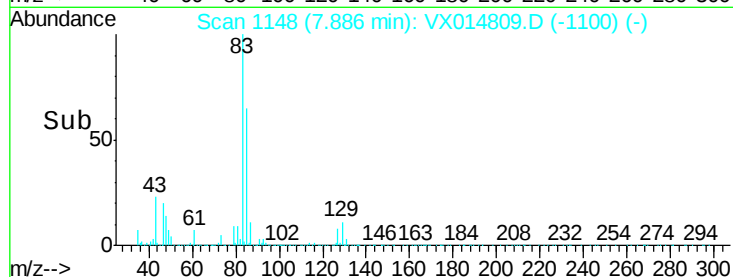
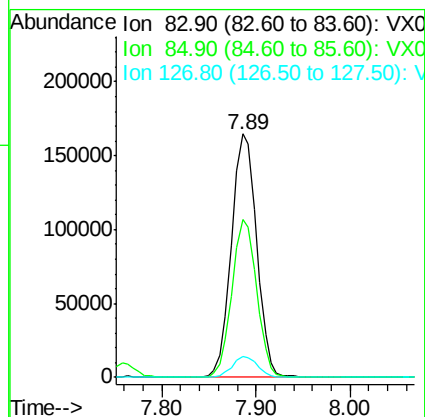
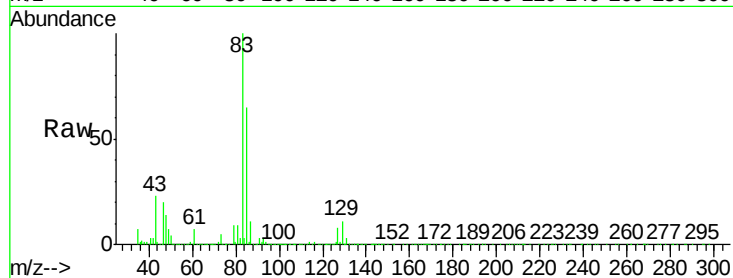
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	305664
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.2	78.2
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.723 ug/l

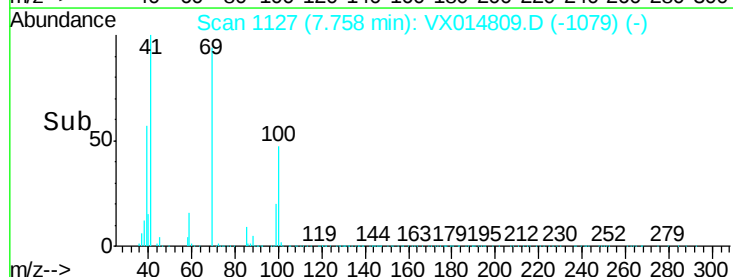
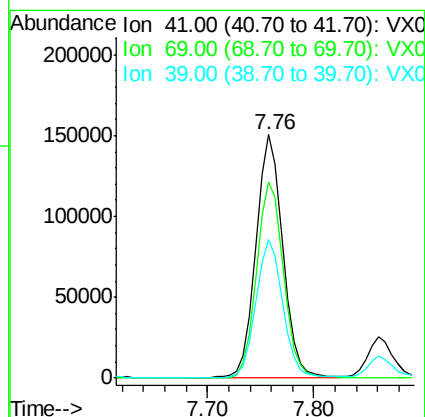
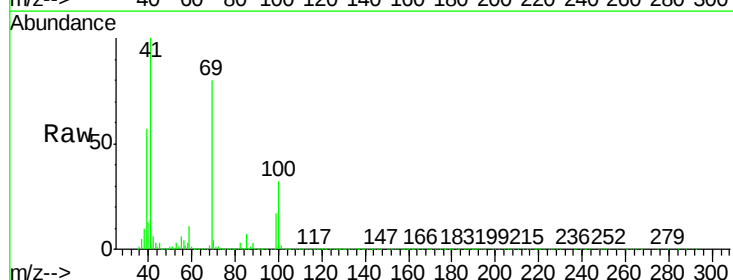
RT: 7.76 min Scan# 1127

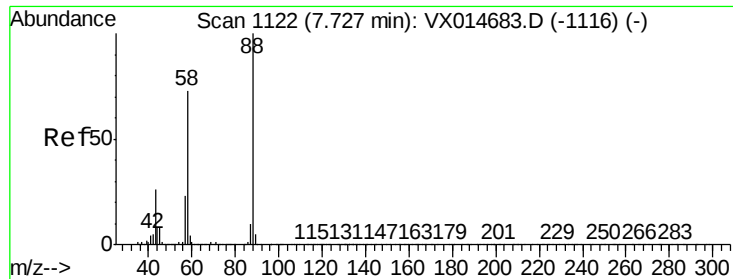
Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	41	Resp:	266311
Ion Ratio	Lower	Upper	
41	100		
69	81.1	63.5	95.3
39	56.9	43.7	65.5





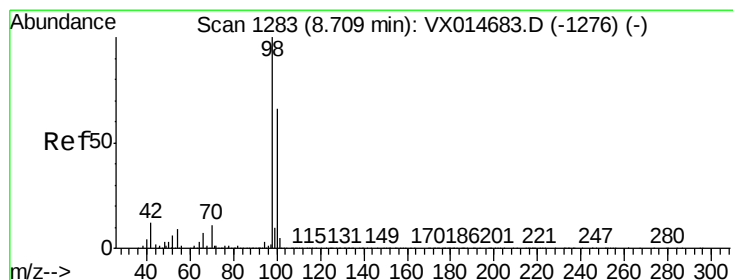
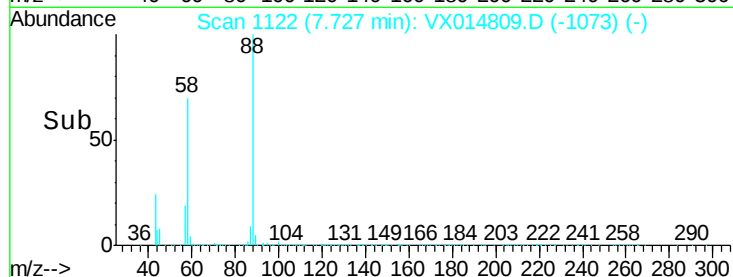
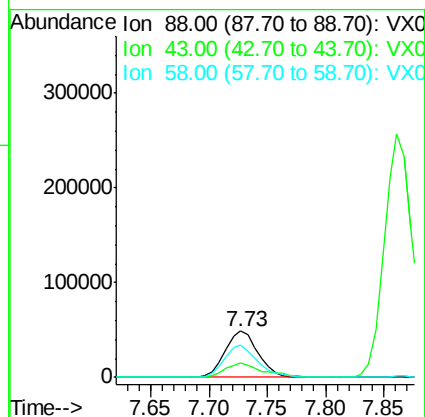
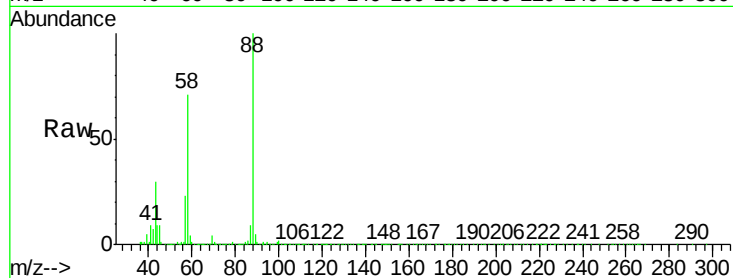
#49
1,4-Dioxane
Concen: 838.964 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	26.2	39.2
58	71.3	56.6	85.0

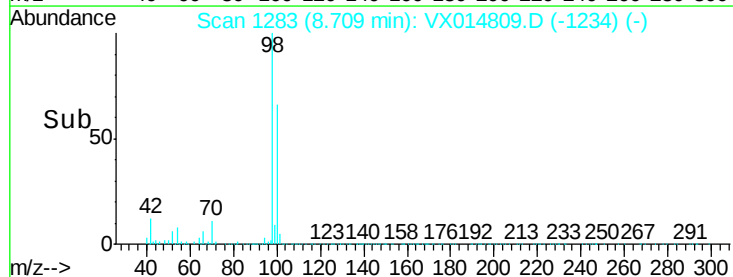
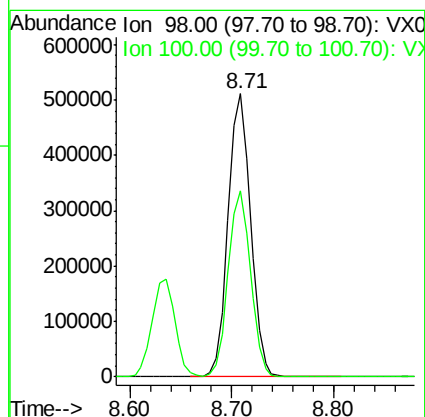
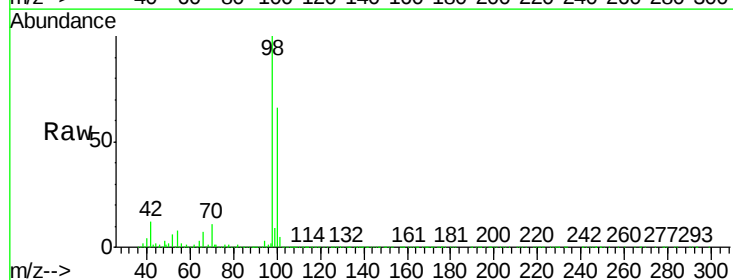
Manual Integrations
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#50
Toluene-d8
Concen: 49.954 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 234.691 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1660435

Ion Ratio Lower Upper

43 100

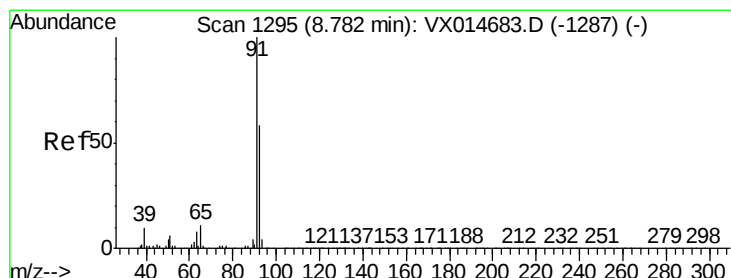
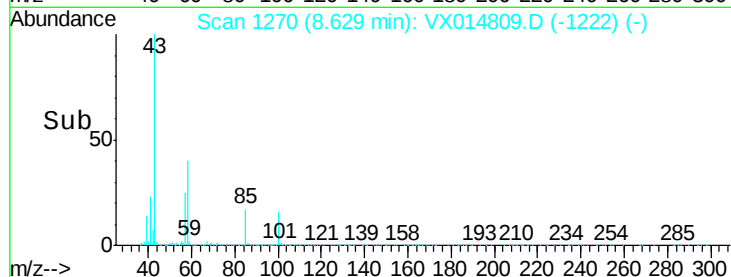
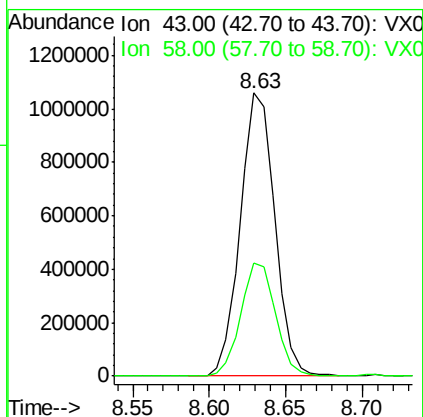
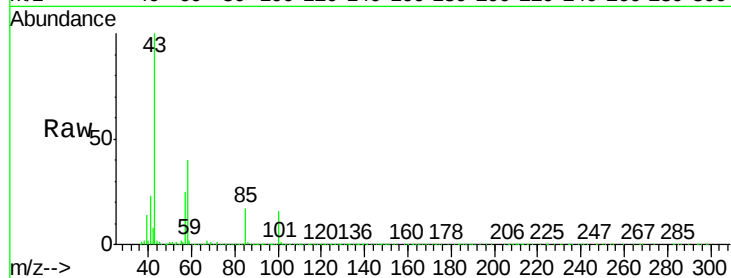
58 40.2 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 48.700 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014809.D

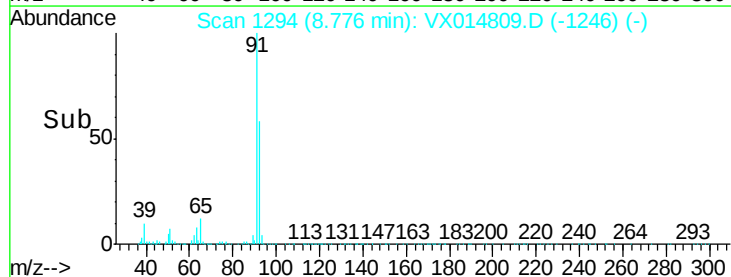
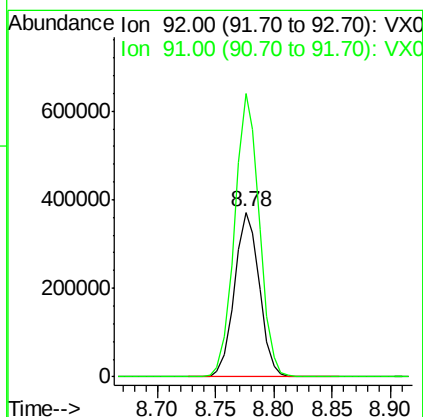
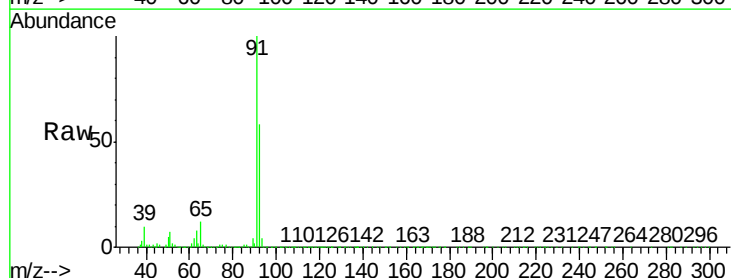
Acq: 04 Feb 2020 16:56

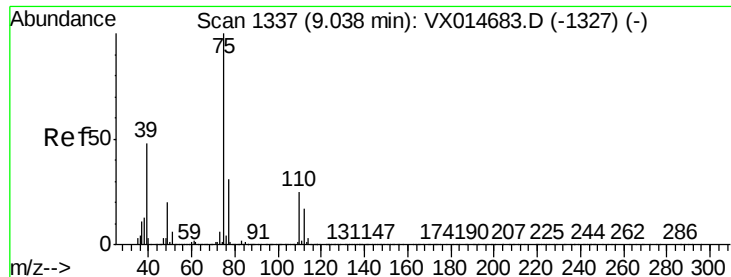
Tgt Ion: 92 Resp: 552835

Ion Ratio Lower Upper

92 100

91 171.3 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 52.079 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 338890

Ion Ratio Lower Upper

75 100

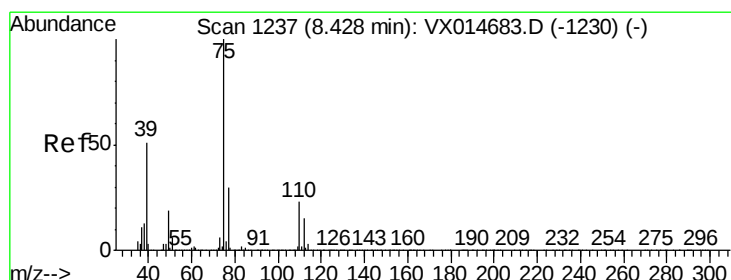
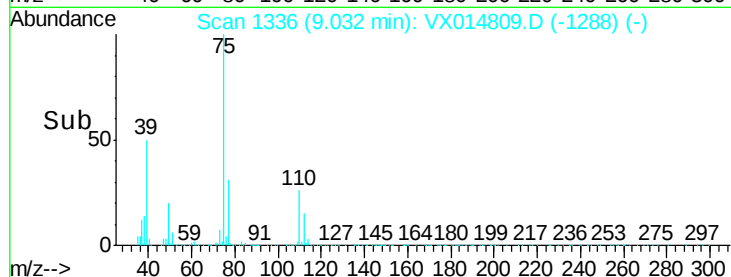
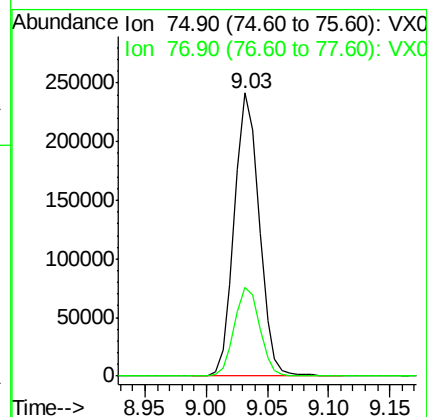
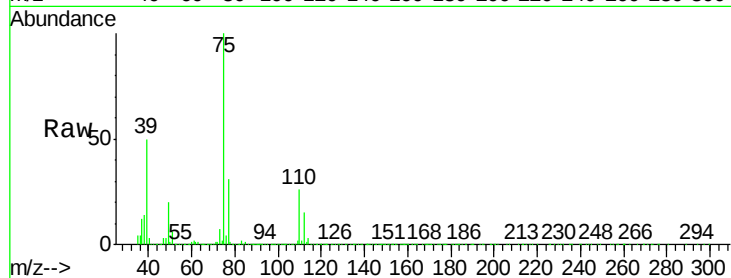
77 31.4 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.626 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

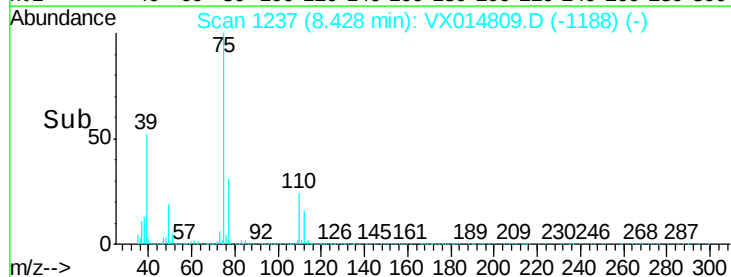
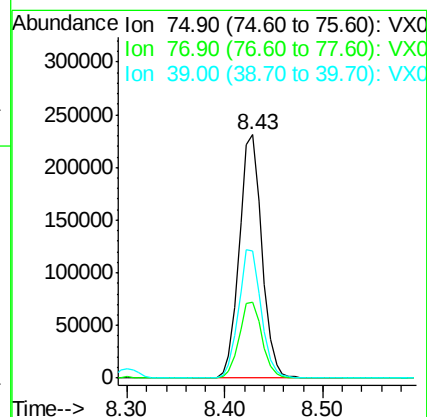
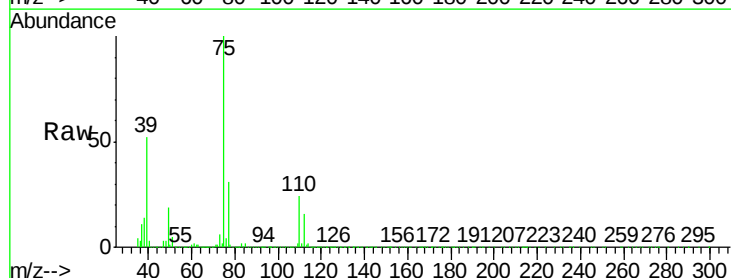
Tgt Ion: 75 Resp: 369567

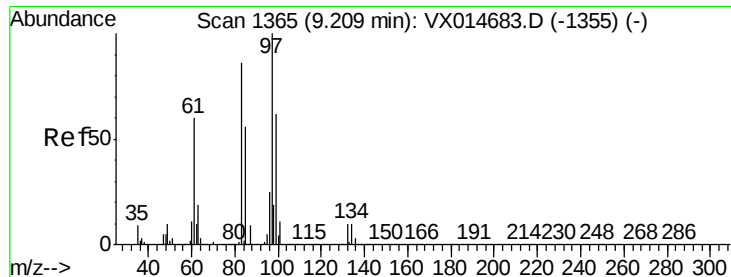
Ion Ratio Lower Upper

75 100

77 31.3 23.9 35.9

39 52.1 40.9 61.3





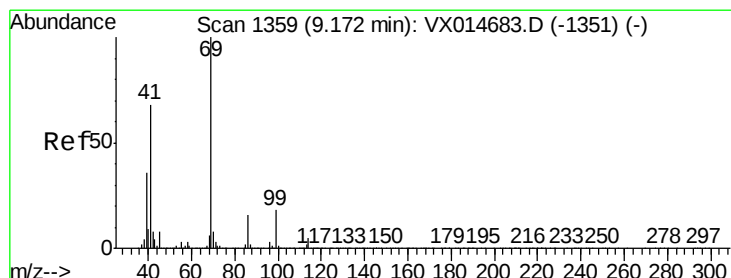
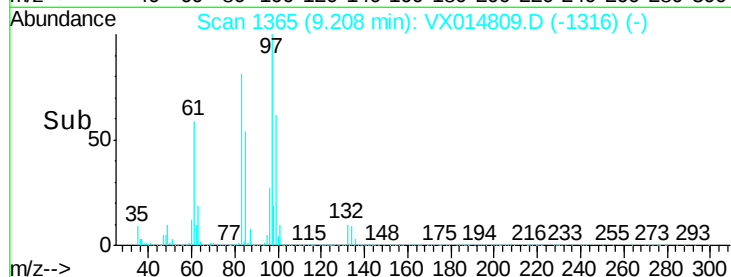
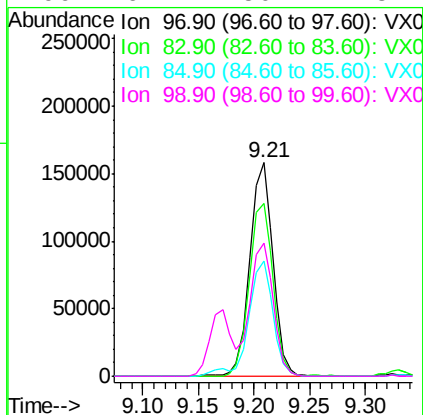
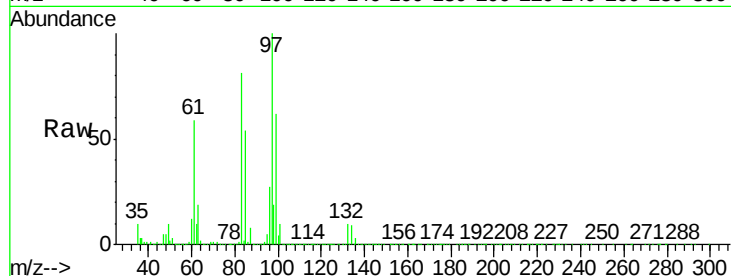
#55
1,1,2-Trichloroethane
Concen: 48.982 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		227651		
83	81.1	69.2	103.8		
85	54.1	44.6	67.0		
99	62.4	50.1	75.1		

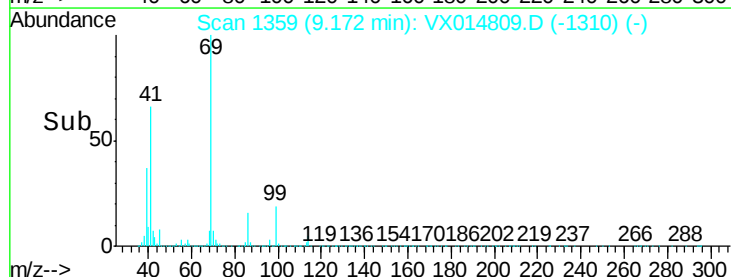
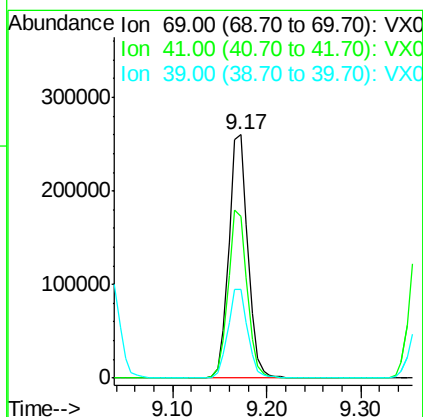
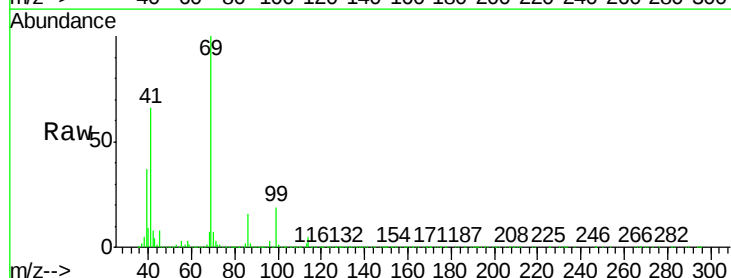
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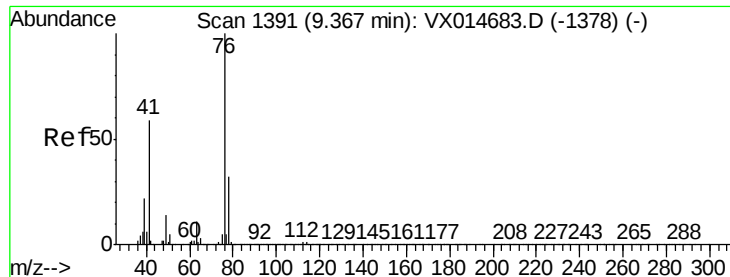
MMDadoda
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#56
Ethyl methacrylate
Concen: 46.326 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		363944		
41	68.3	54.9	82.3		
39	38.0	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 48.790 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 387634

Ion Ratio Lower Upper

76 100

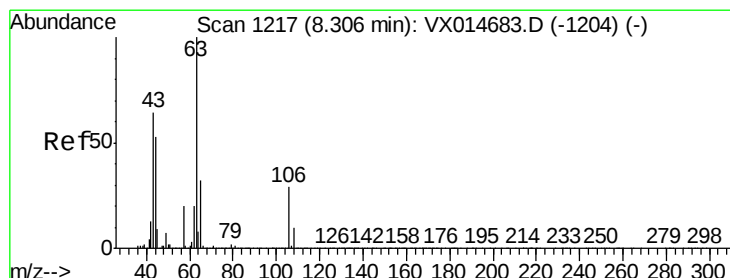
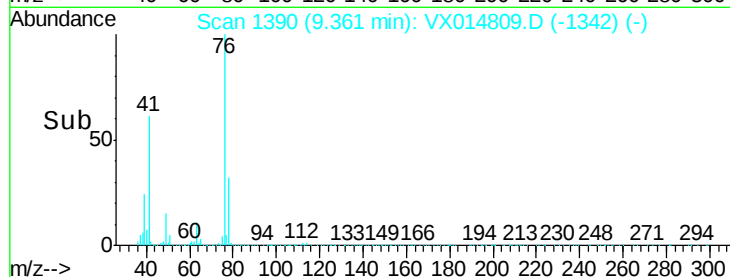
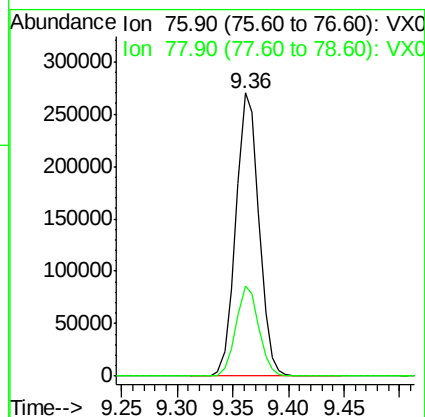
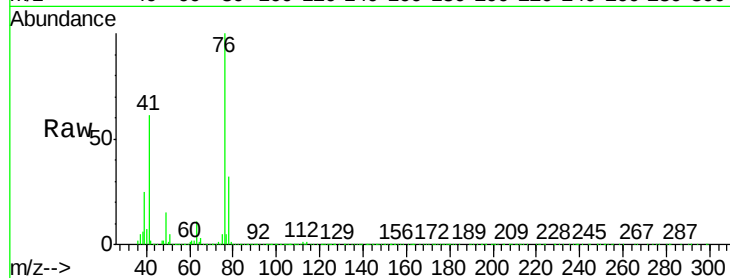
78 31.3 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 252.960 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014809.D

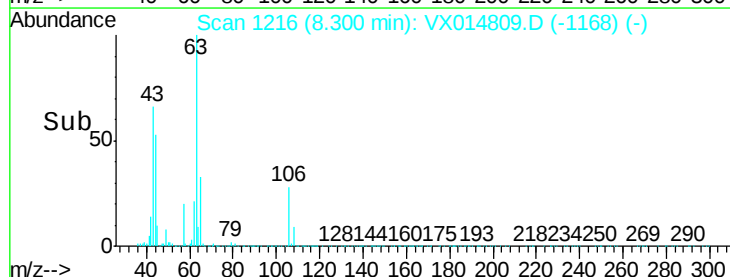
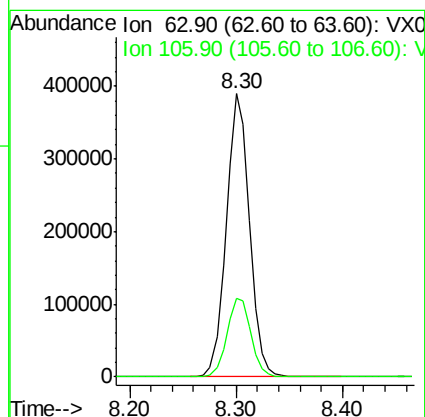
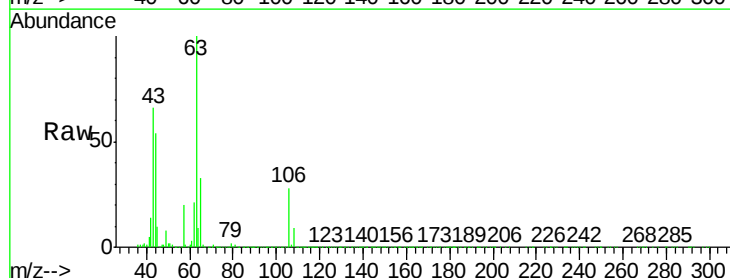
Acq: 04 Feb 2020 16:56

Tgt Ion: 63 Resp: 591256

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1





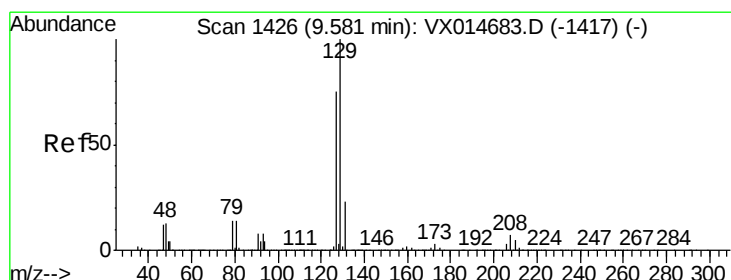
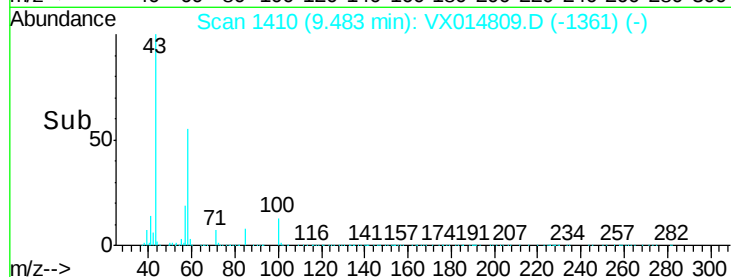
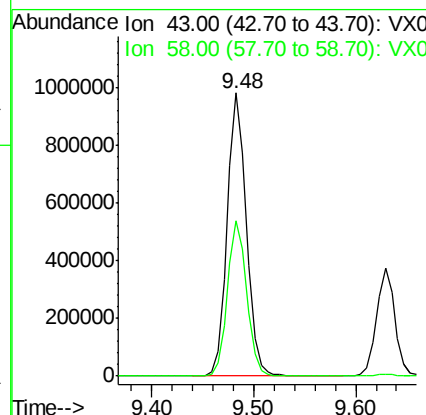
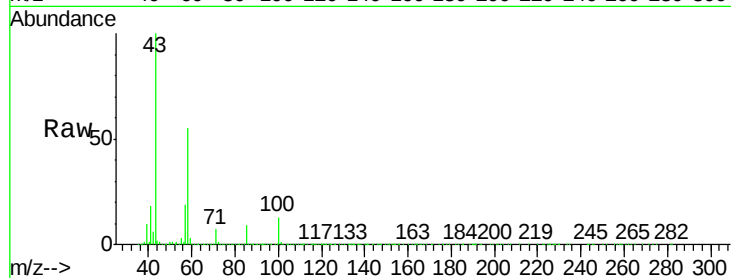
#59
2-Hexanone
Concen: 233.946 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1284382
Ion Ratio Lower Upper
43 100
58 55.2 27.2 81.5

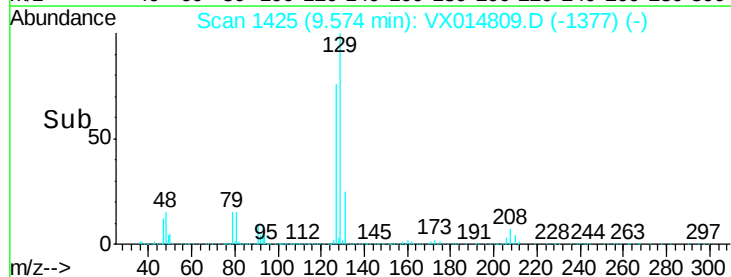
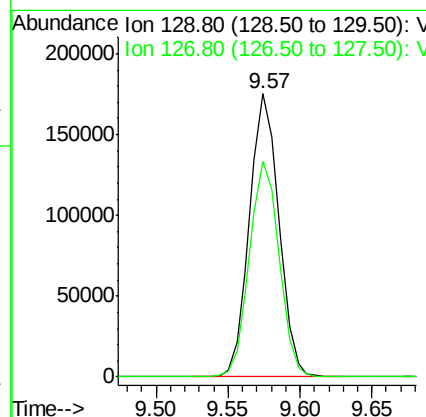
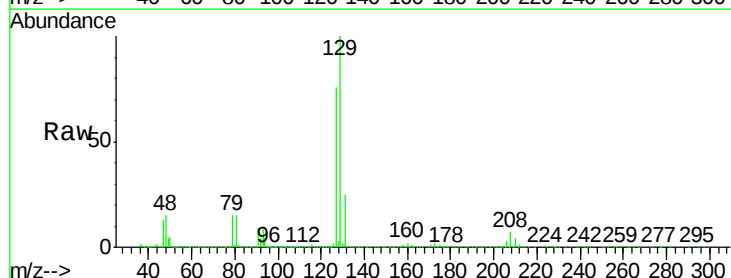
Manual Integrations
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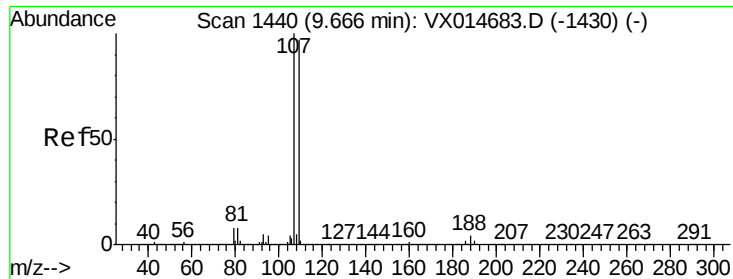
MMDadoda
2/5/2020 12:25:41 PM



#60
Dibromochloromethane
Concen: 51.024 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 129 Resp: 247529
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.259 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 237144

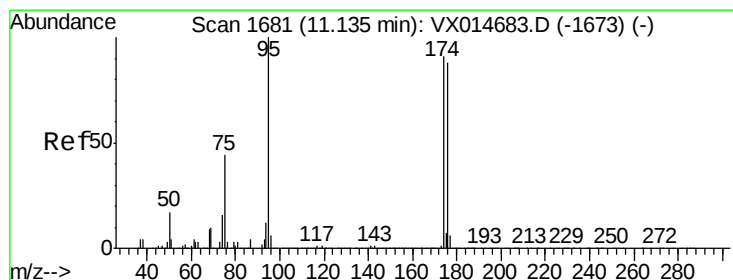
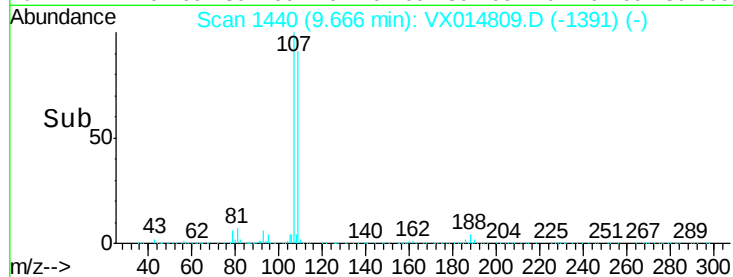
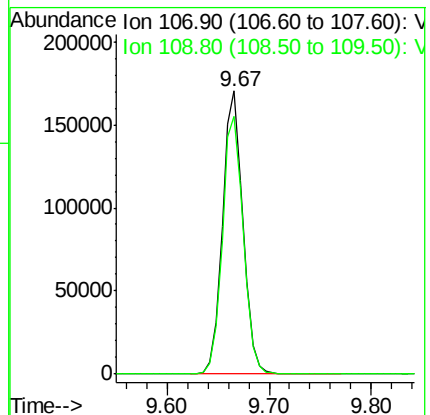
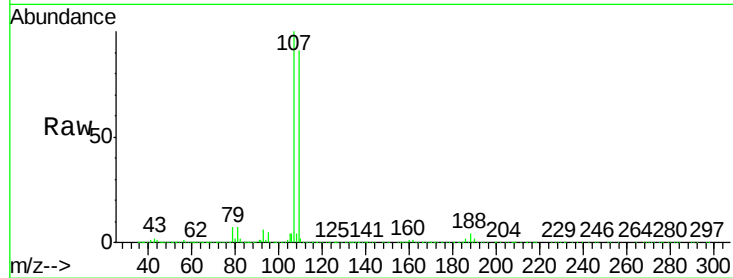
Ion Ratio Lower Upper

107 100

109 93.5 76.2 114.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.944 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

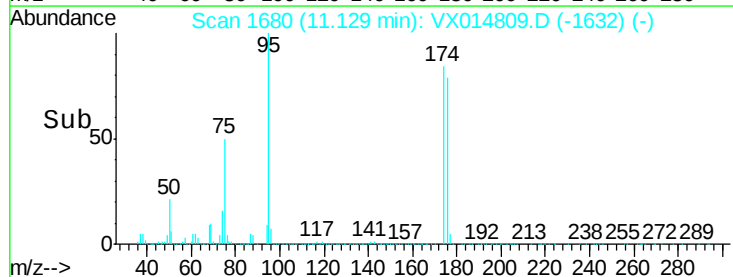
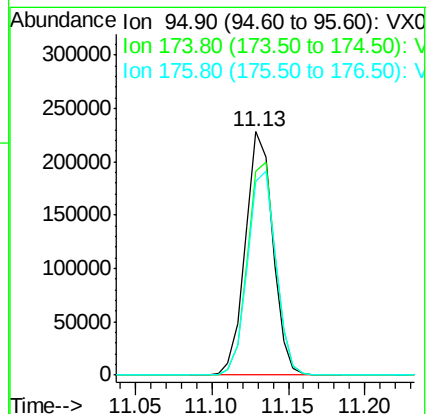
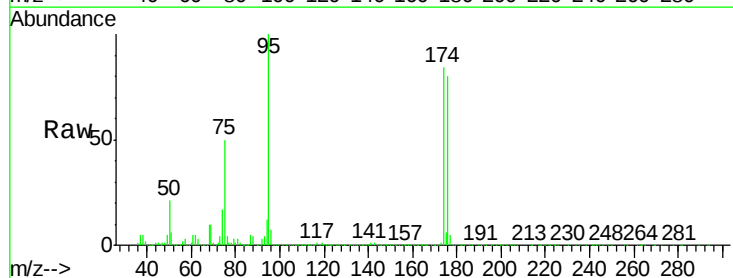
Tgt Ion: 95 Resp: 283157

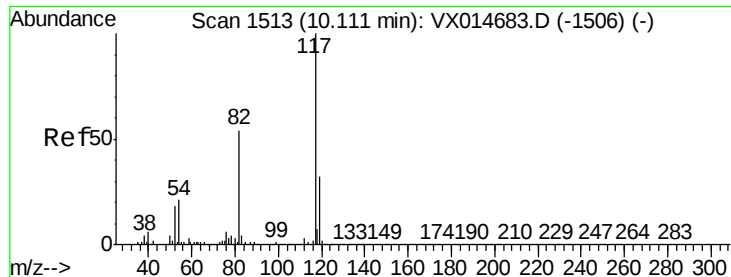
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

176 87.2 0.0 172.2





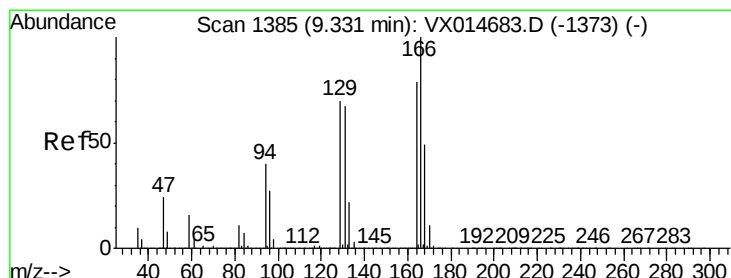
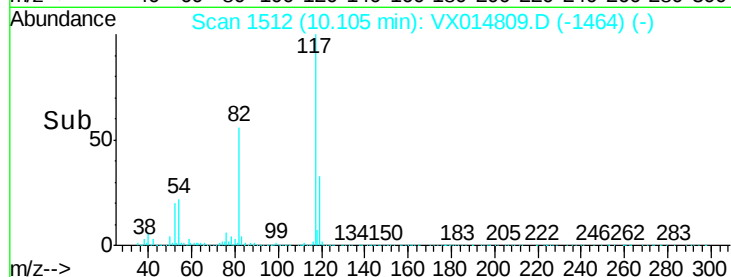
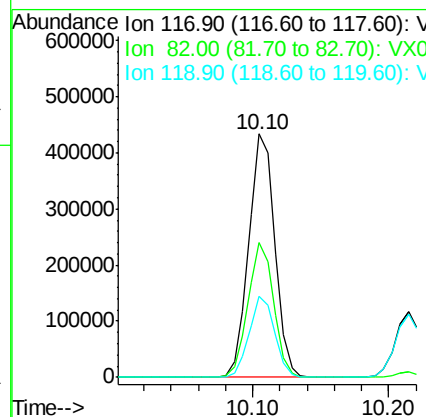
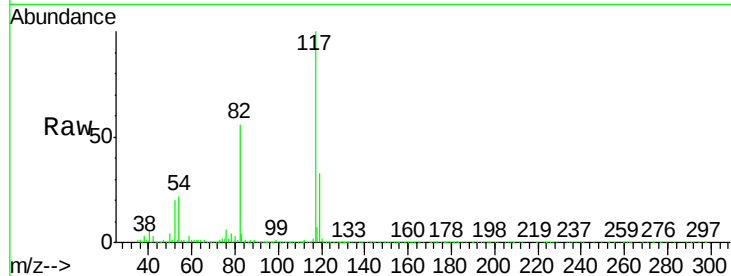
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.5	43.2	64.8
119	33.1	25.8	38.6

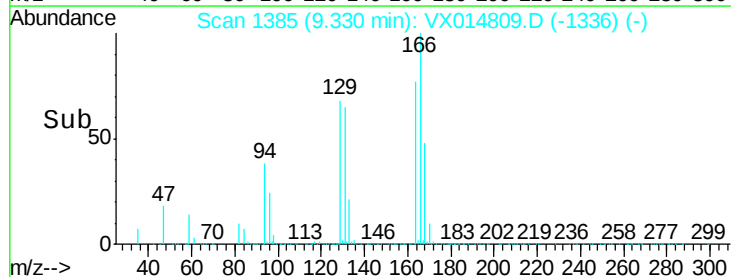
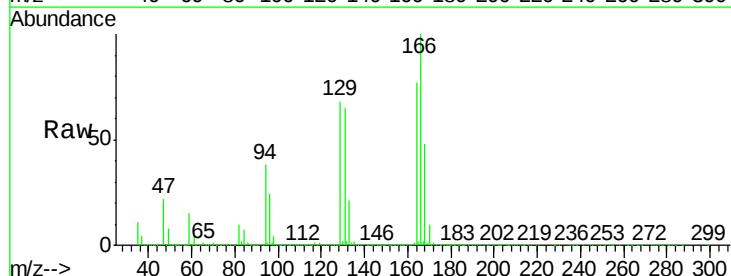
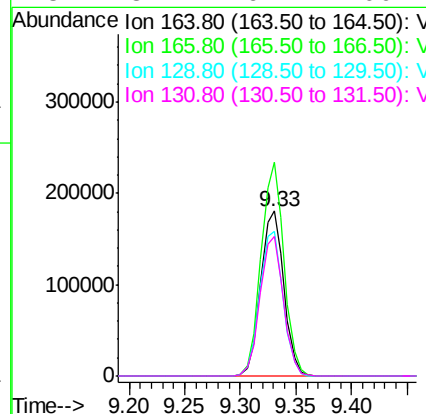
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 45.739 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.3	100.9	151.3
129	87.9	71.0	106.6
131	84.1	67.1	100.7





#65

Chlorobenzene

Concen: 48.461 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 604580

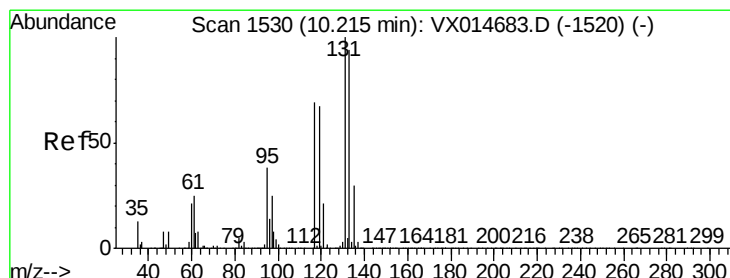
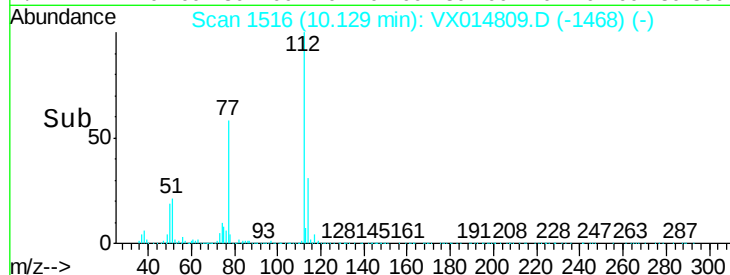
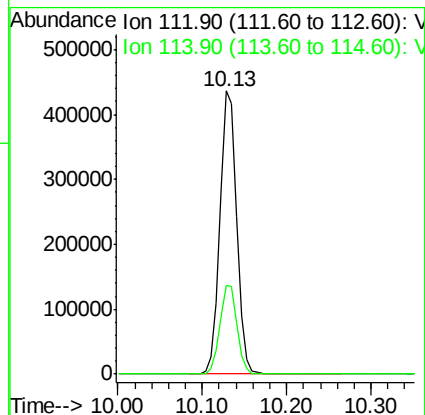
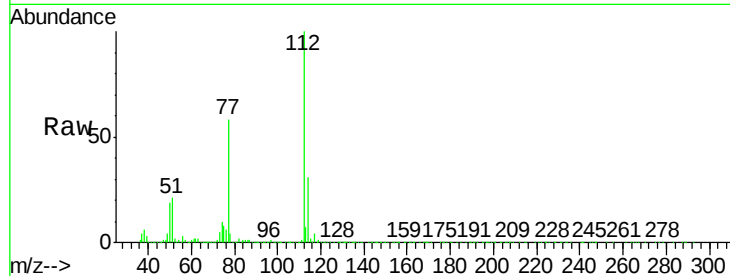
Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.067 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

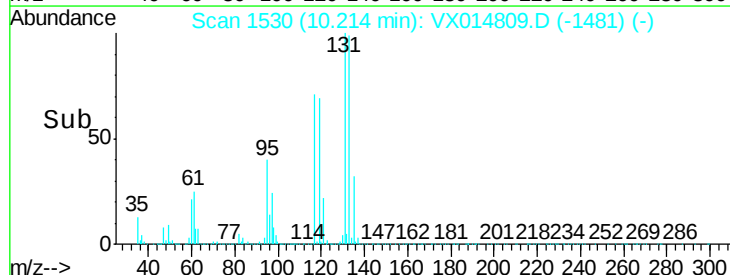
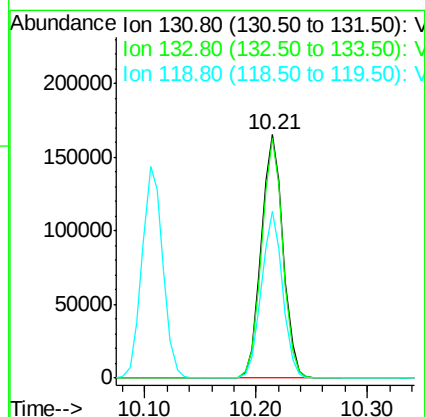
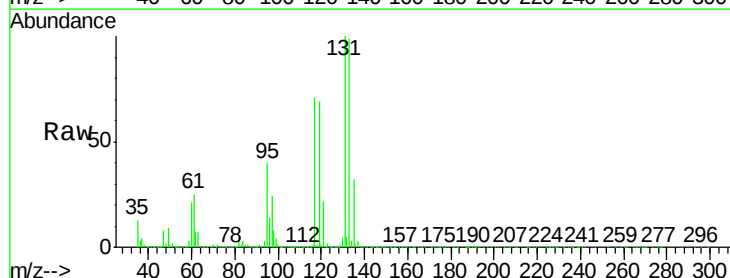
Tgt Ion:131 Resp: 225699

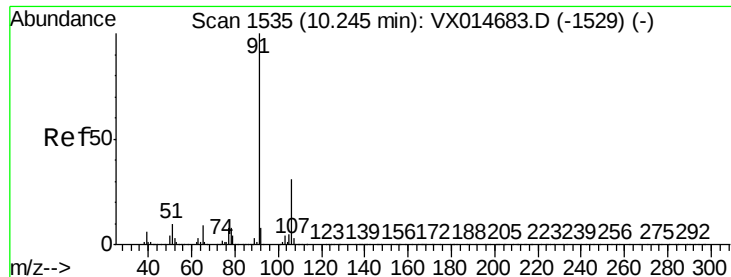
Ion Ratio Lower Upper

131 100

133 96.4 47.4 142.3

119 66.8 33.3 99.8





#67

Ethyl Benzene

Concen: 50.299 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 1071469

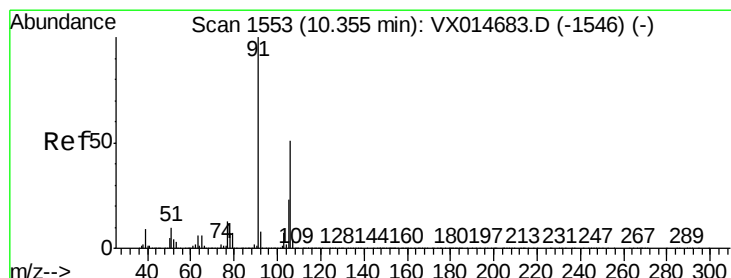
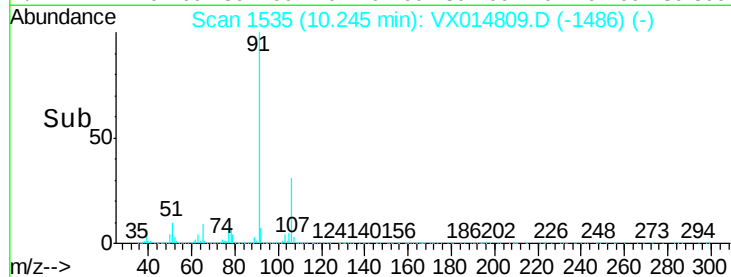
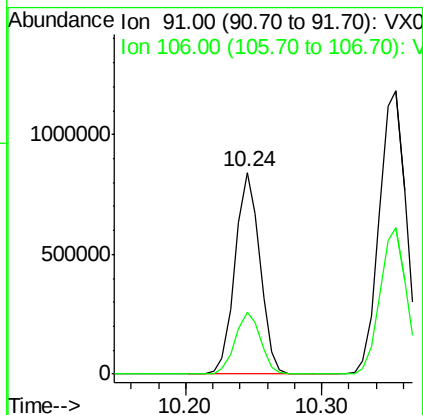
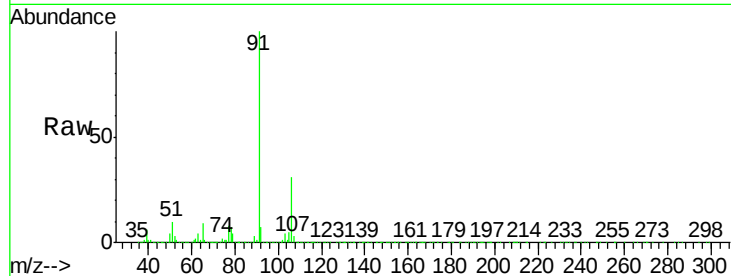
Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3

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#68

m/p-Xylenes

Concen: 101.561 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014809.D

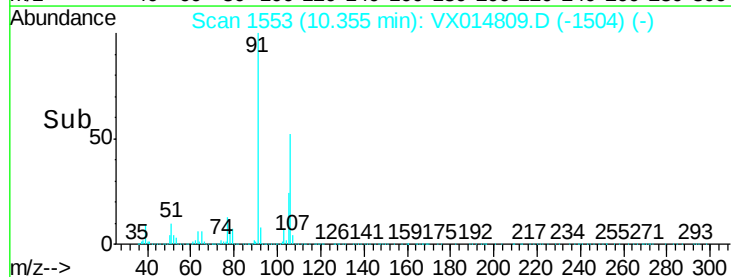
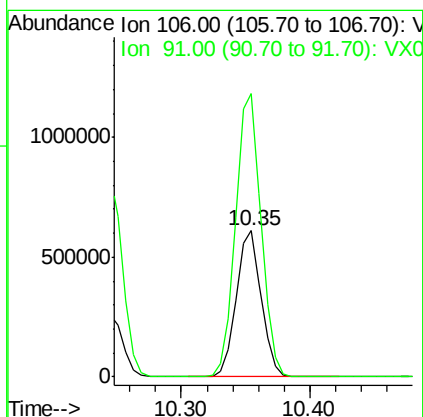
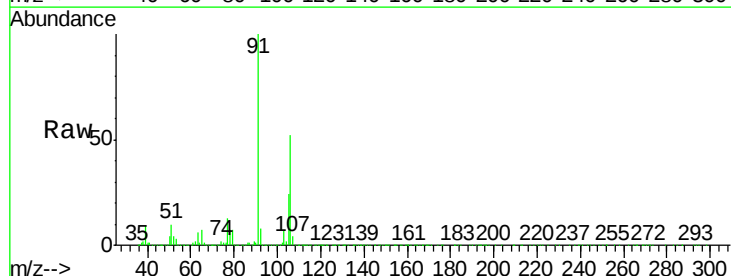
Acq: 04 Feb 2020 16:56

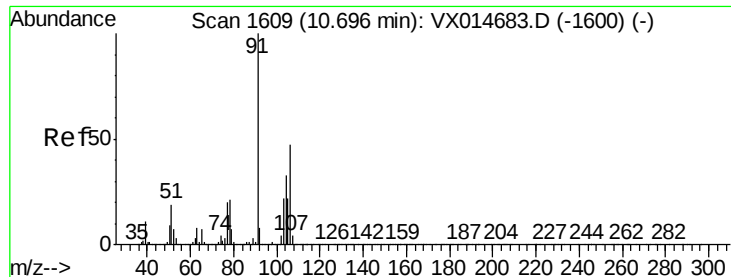
Tgt Ion: 106 Resp: 819611

Ion Ratio Lower Upper

106 100

91 198.3 159.4 239.2





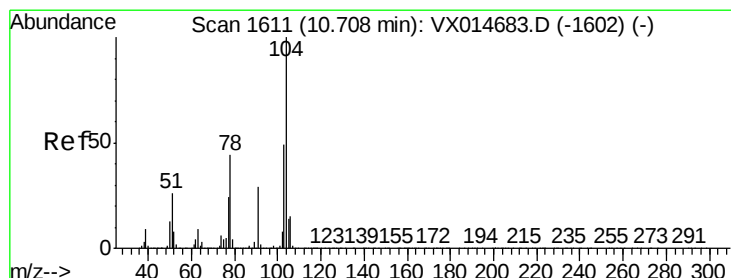
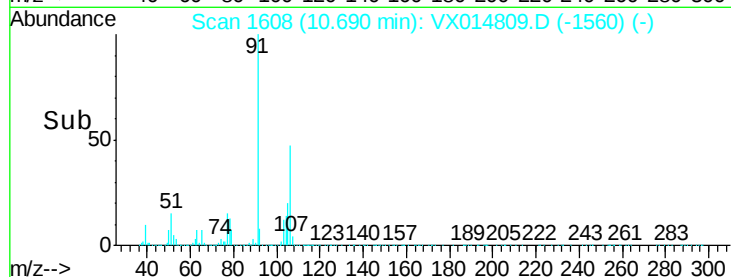
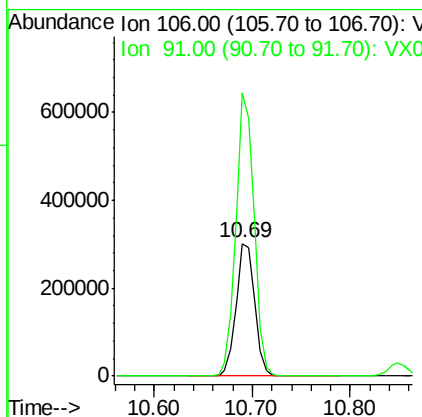
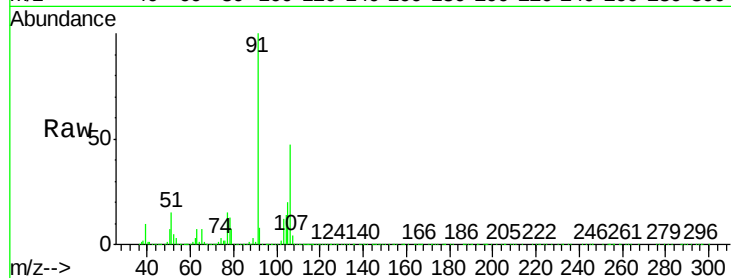
#69
o-Xylene
Concen: 50.951 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	396955		
91	208.9	106.2	318.6	

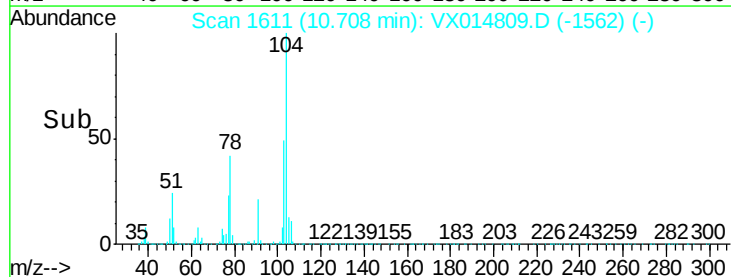
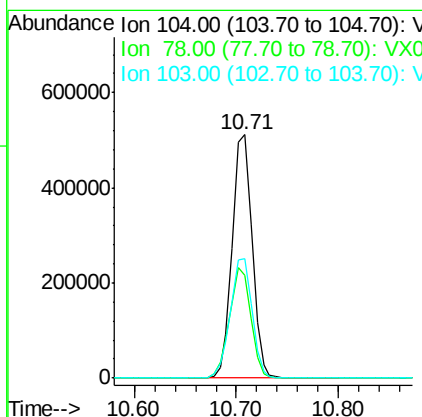
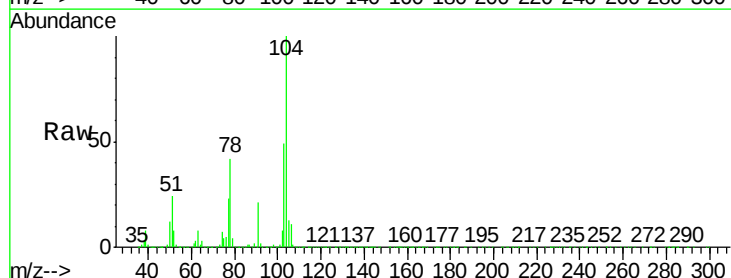
Manual Integrations
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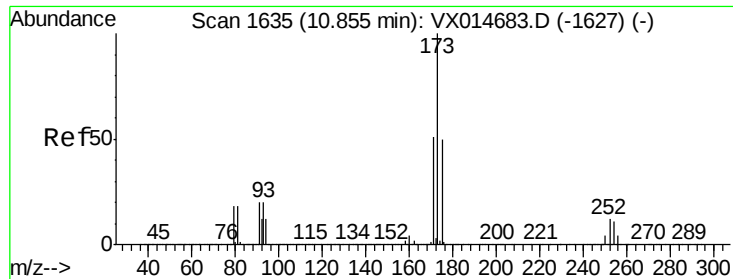
MMDadoda
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#70
Styrene
Concen: 52.678 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	688451		
78	48.6	39.3	58.9	
103	53.8	43.5	65.3	





#71

Bromoform

Concen: 52.106 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

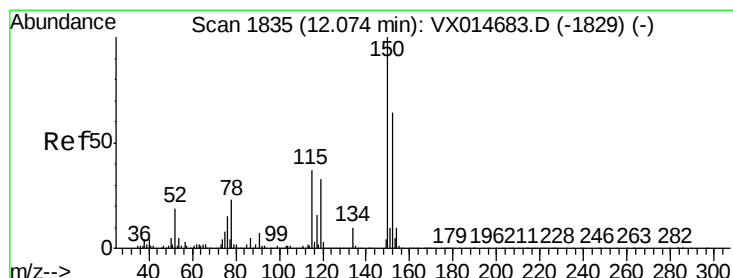
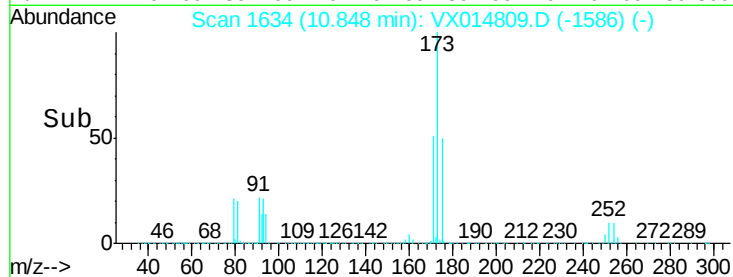
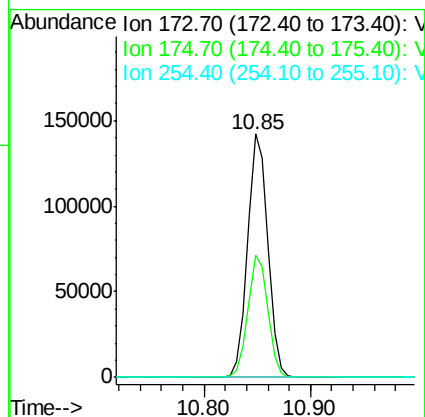
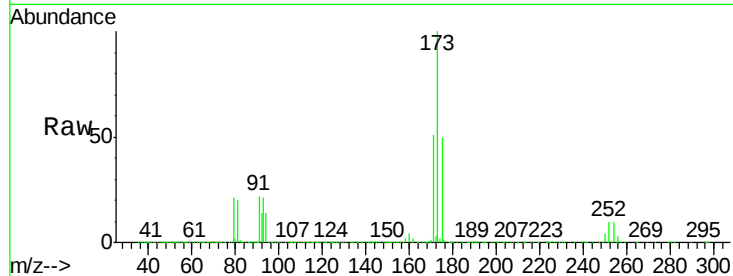
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	190601
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.6	73.6
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

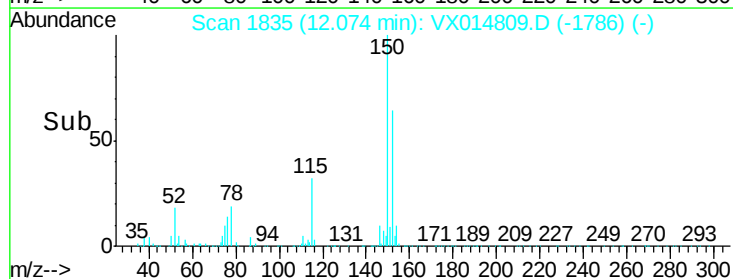
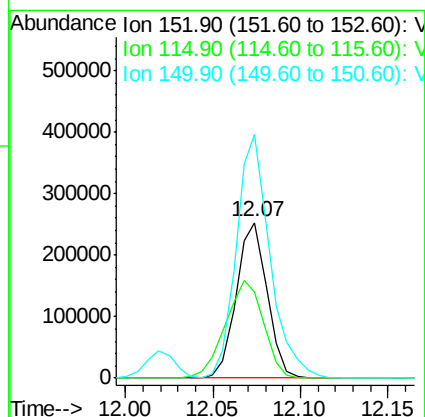
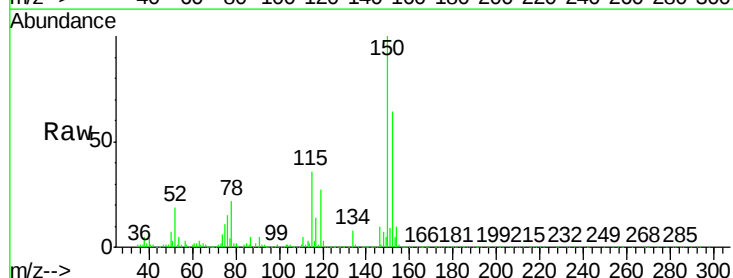
RT: 12.07 min Scan# 1835

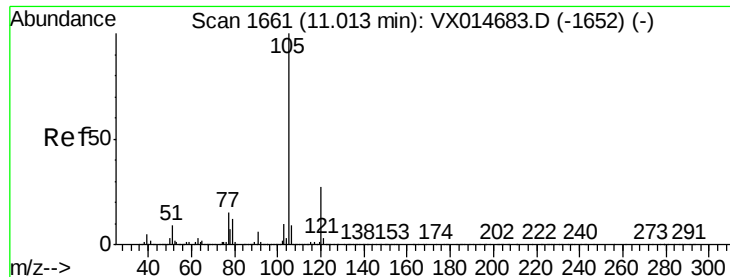
Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	152	Resp:	307830
Ion Ratio	Lower	Upper	
152	100		
115	78.2	39.4	118.1
150	171.9	0.0	351.2





#73

Isopropylbenzene

Concen: 49.110 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1062962

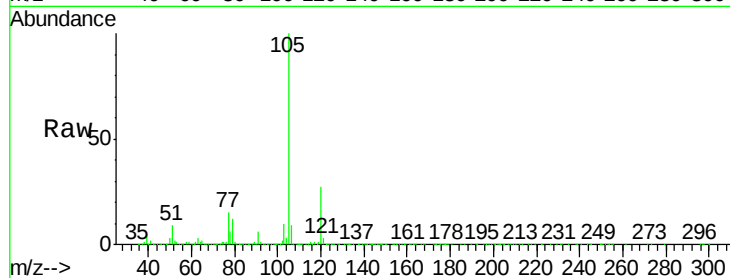
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5

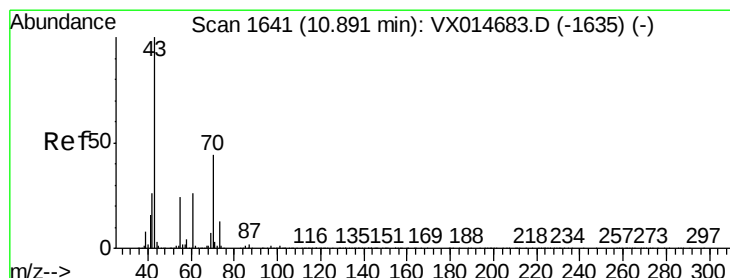
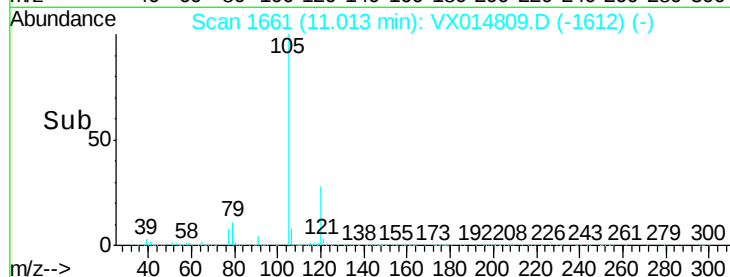
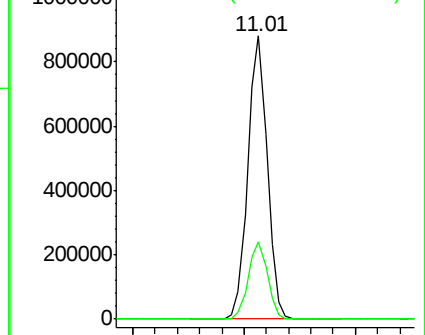
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.267 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion: 43 Resp: 476777

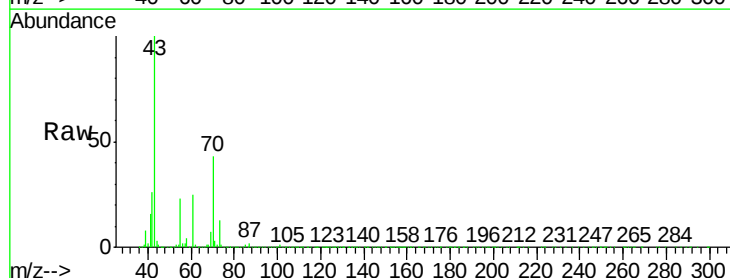
Ion Ratio Lower Upper

43 100

70 42.4 34.6 52.0

55 23.8 19.4 29.2

61 24.7 19.8 29.6

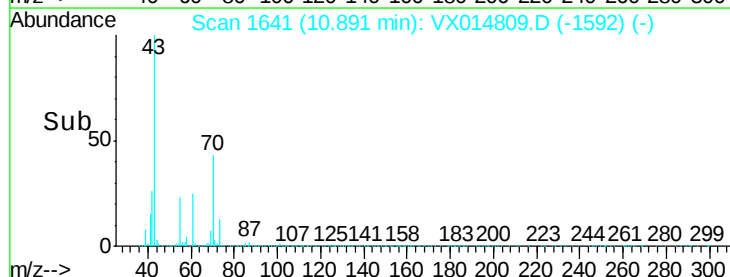
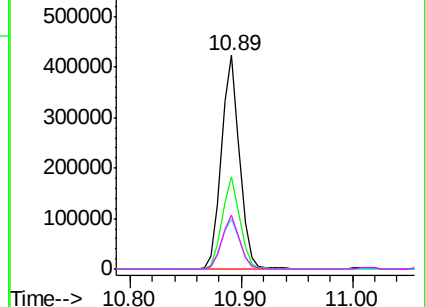


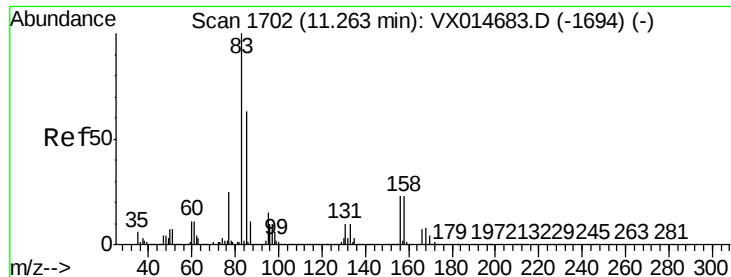
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.604 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

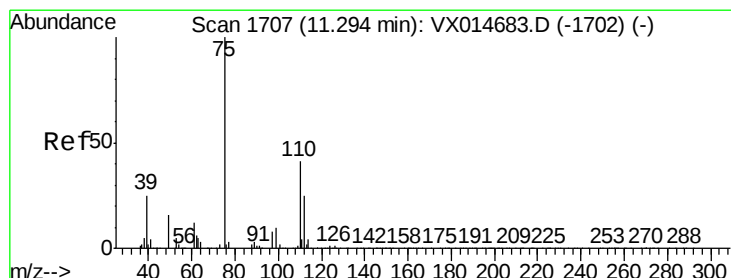
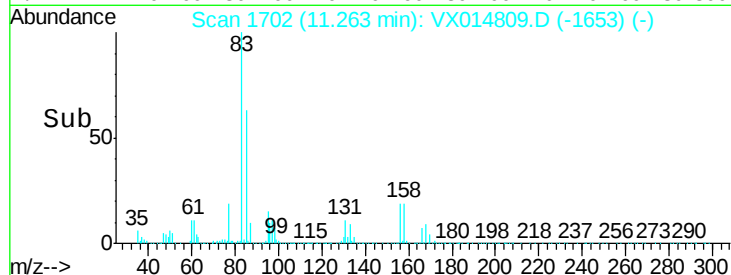
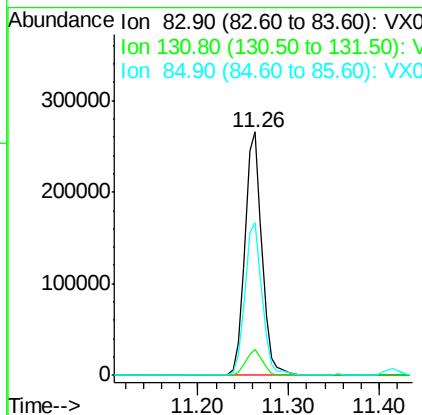
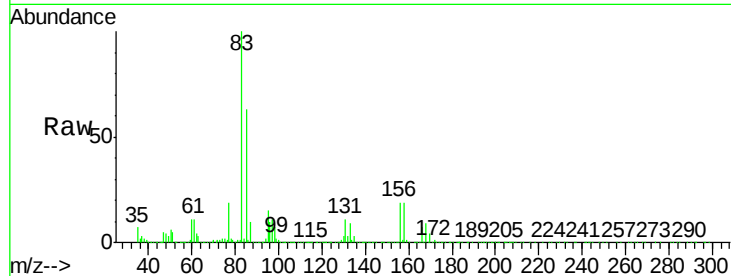
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	344708
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	63.5	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.532 ug/l m

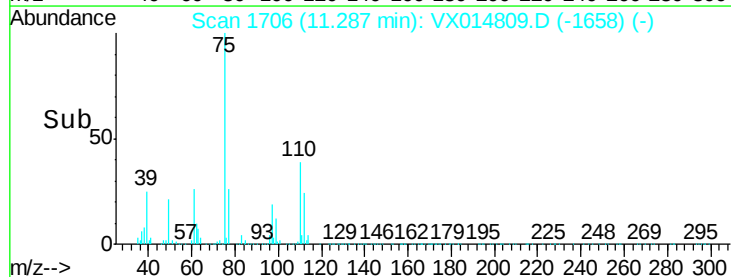
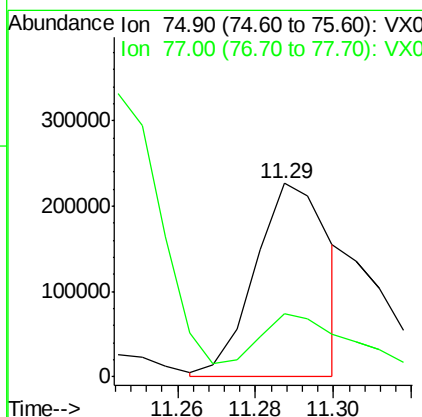
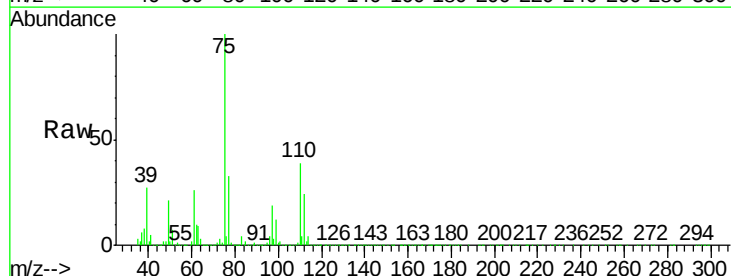
RT: 11.29 min Scan# 1706

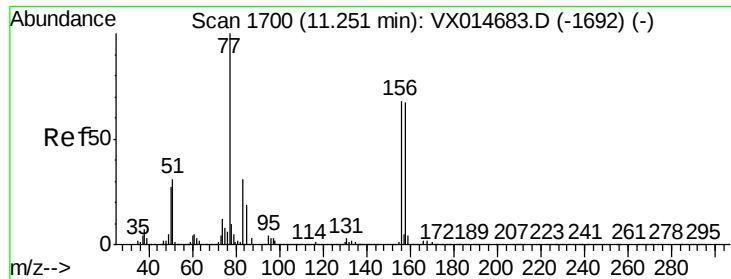
Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	75	Resp:	297445
Ion Ratio	Lower	Upper	
75	100		
77	43.9	18.7	56.1





#77

Bromobenzene

Concen: 48.268 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

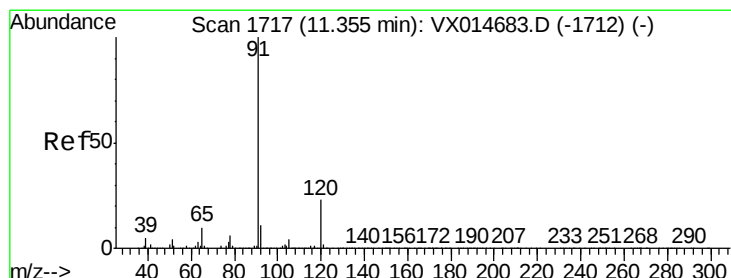
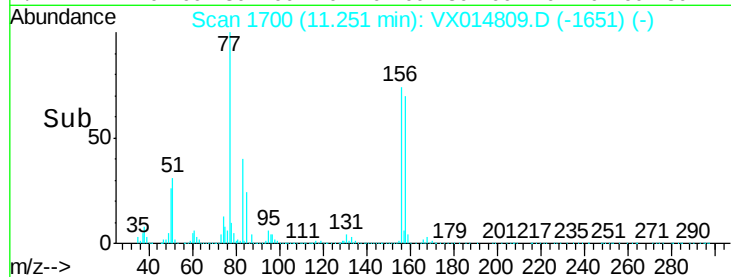
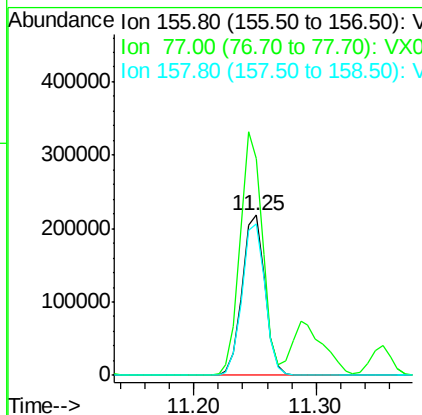
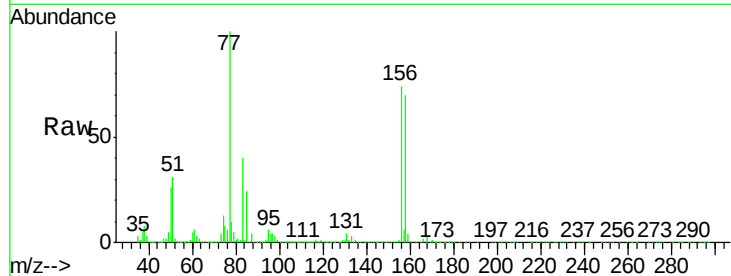
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	280664
Ion Ratio	Lower	Upper	
156	100		
77	148.3	77.5	232.5
158	95.7	49.1	147.3

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#78

n-propylbenzene

Concen: 49.444 ug/l

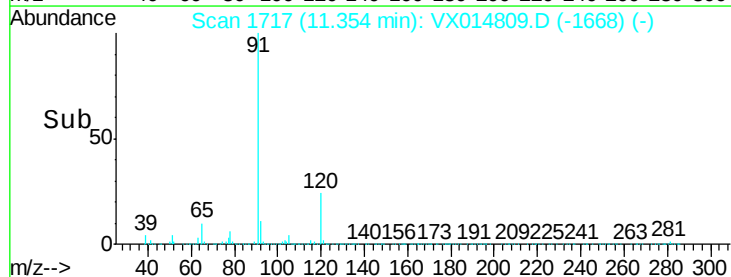
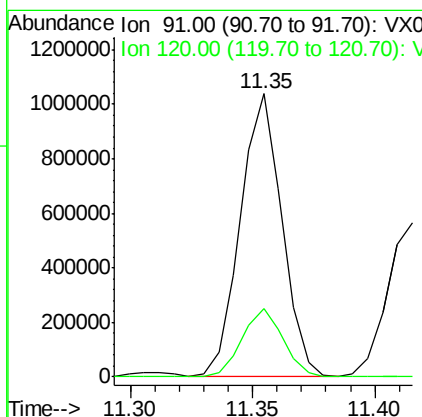
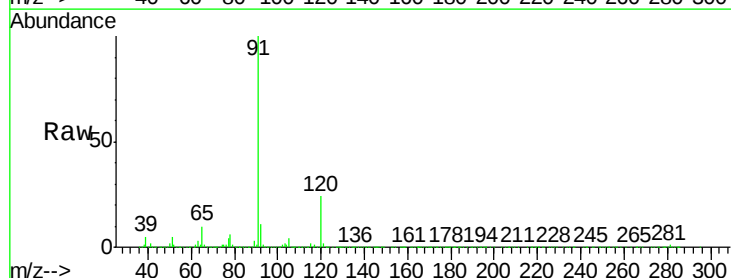
RT: 11.35 min Scan# 1717

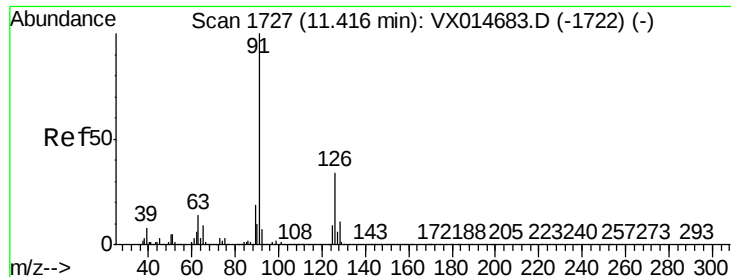
Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion:	91	Resp:	1214767
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0





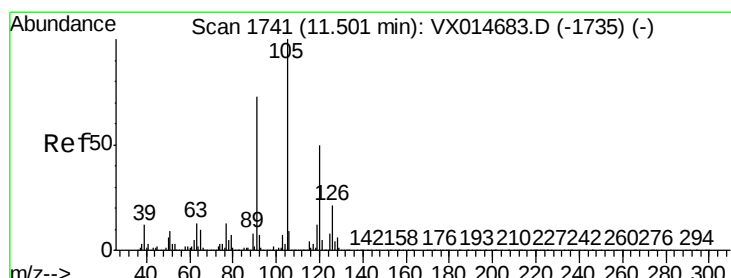
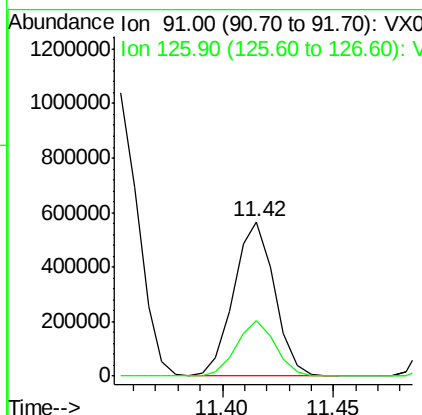
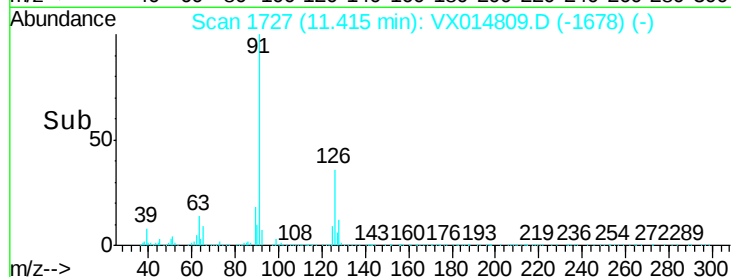
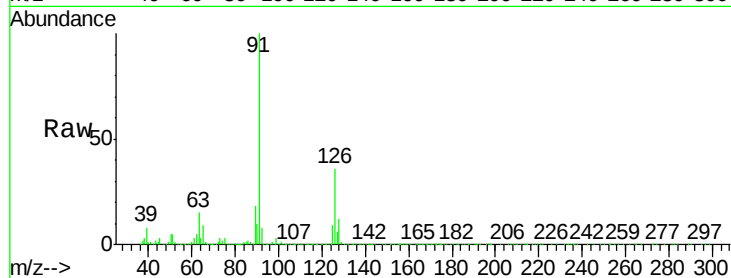
#79
2-Chlorotoluene
Concen: 48.160 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 715930
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

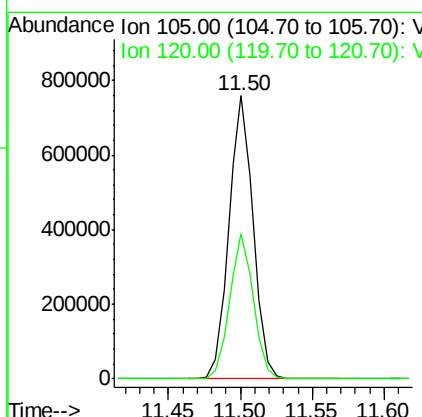
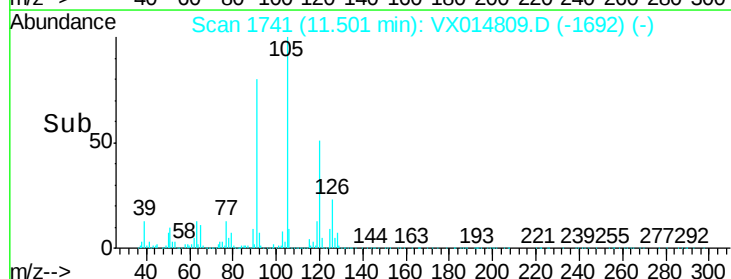
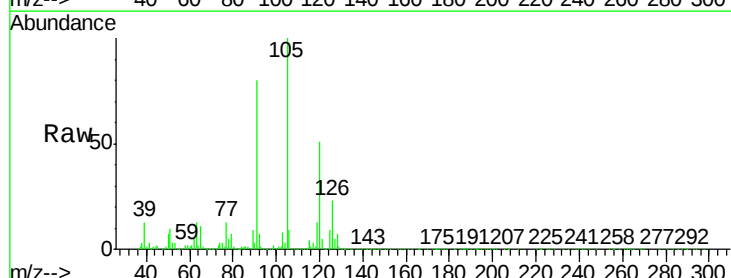
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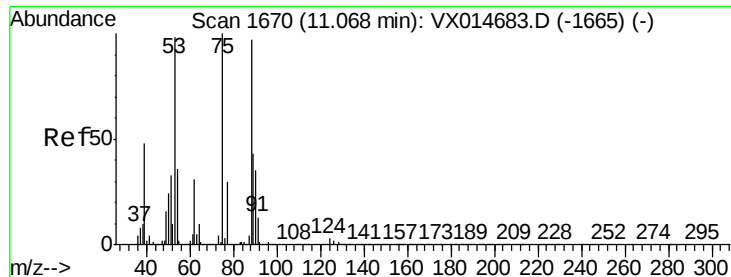
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#80
1,3,5-Trimethylbenzene
Concen: 49.791 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion: 105 Resp: 894457
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





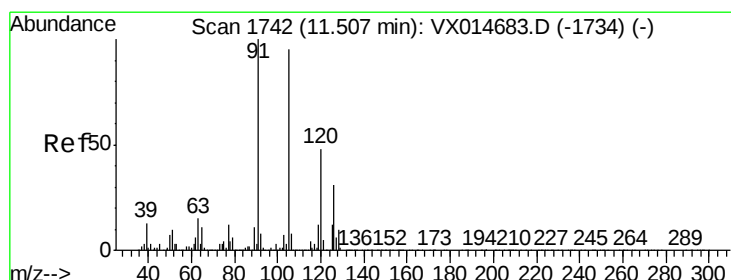
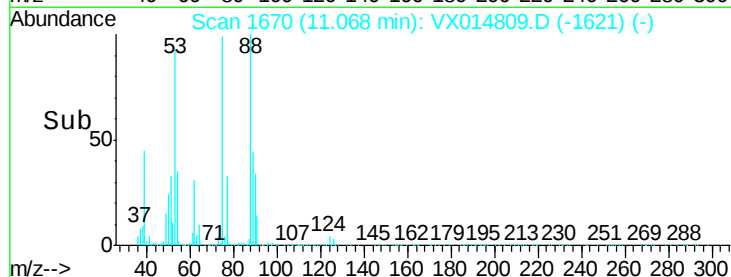
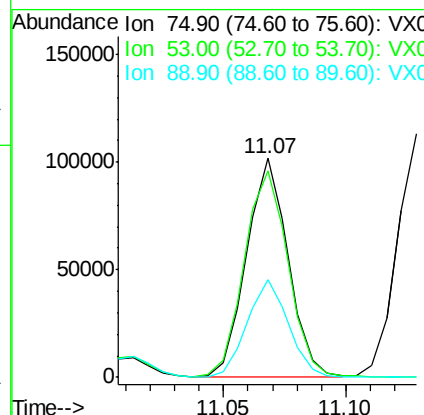
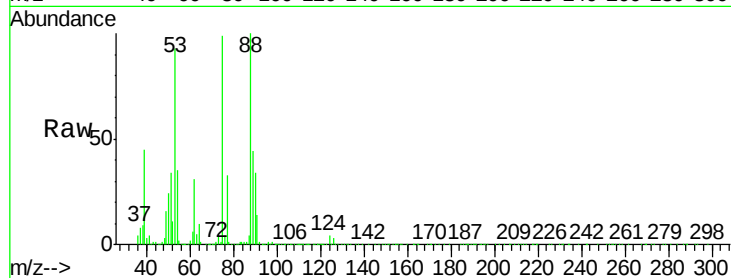
#81
trans-1,4-Dichloro-2-butene
Concen: 47.588 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	78.8	118.2
89	45.0	35.4	53.0

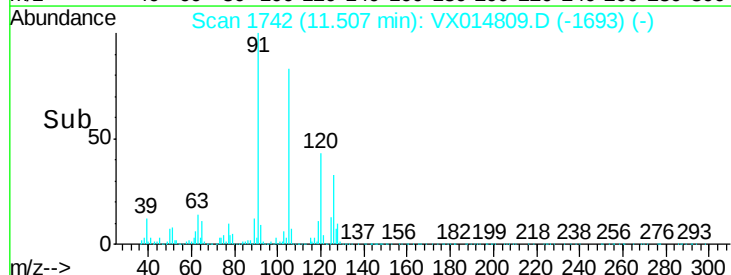
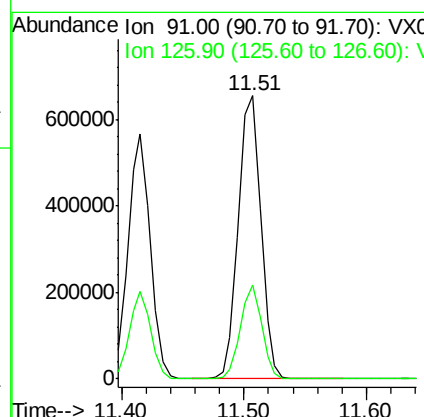
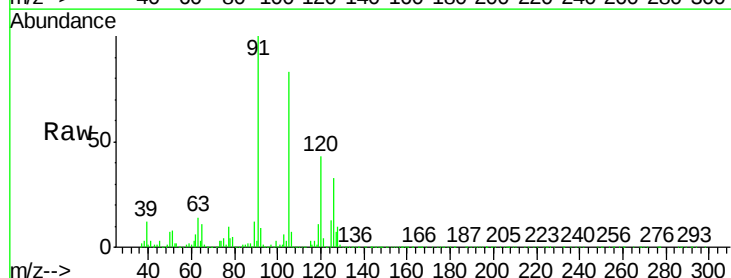
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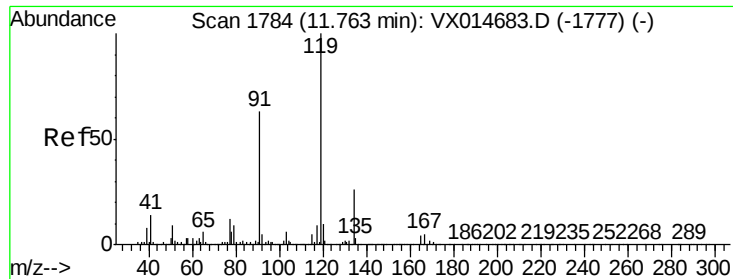
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#82
4-Chlorotoluene
Concen: 49.131 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





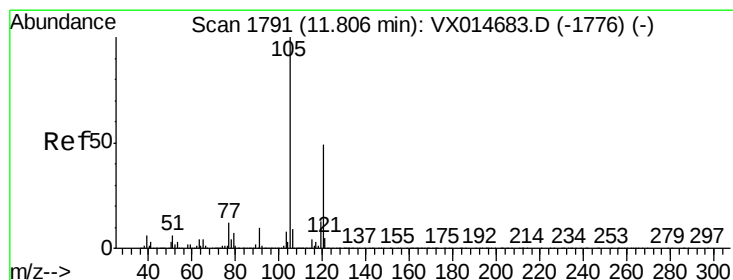
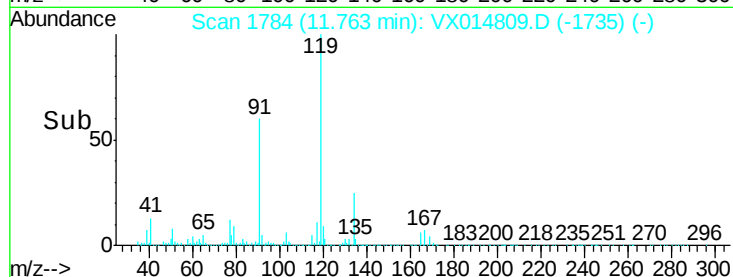
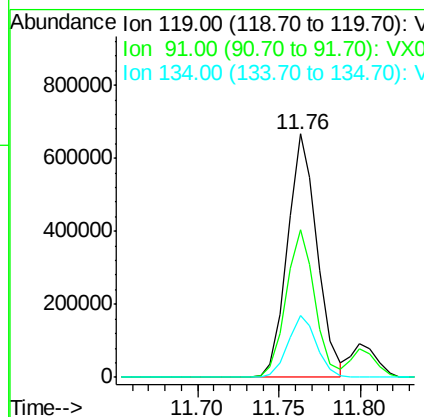
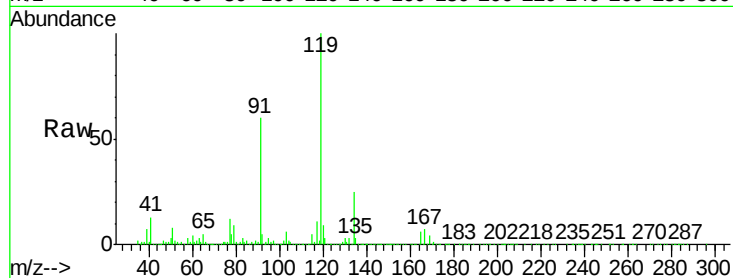
#83
tert-Butylbenzene
Concen: 49.802 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	840685		
91	58.6	30.0	90.0	
134	24.7	12.7	38.0	

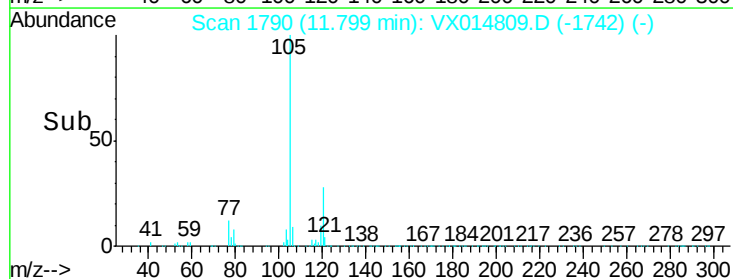
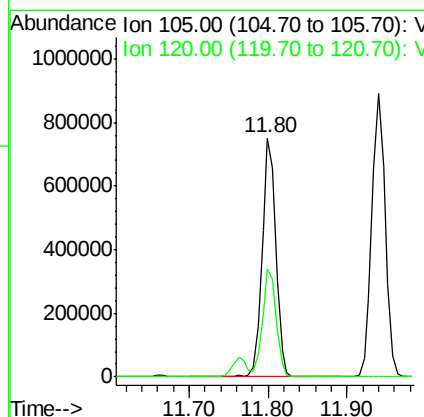
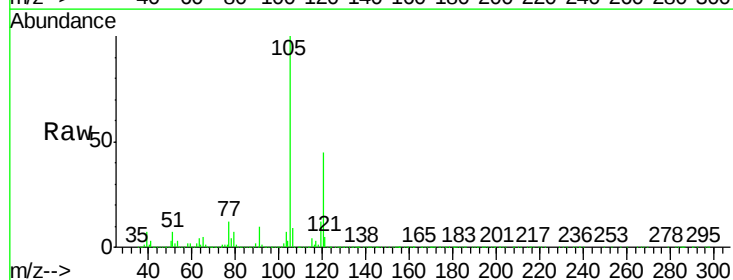
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#84
1,2,4-Trimethylbenzene
Concen: 50.288 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	906140		
120	44.9	23.4	70.0	





#85

sec-Butylbenzene

Concen: 51.083 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1056376

Ion Ratio Lower Upper

105 100

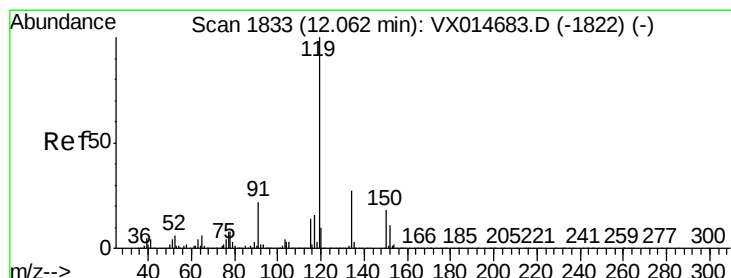
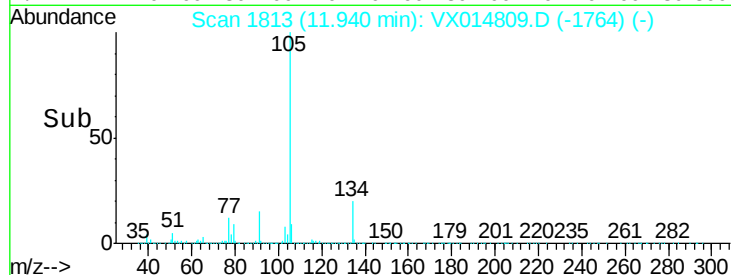
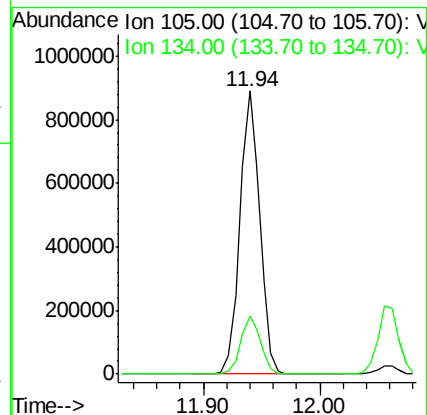
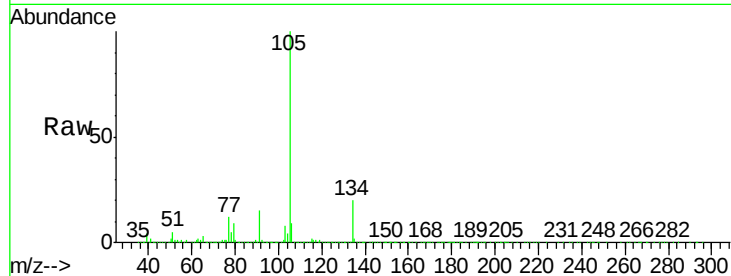
134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 51.254 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

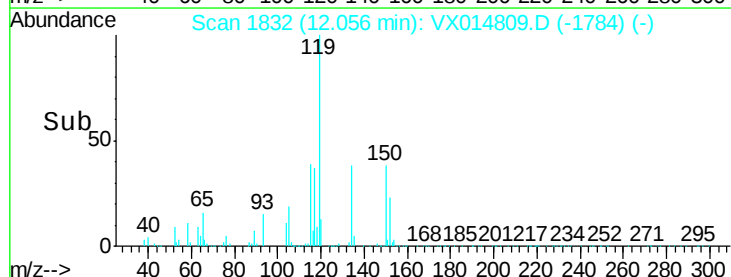
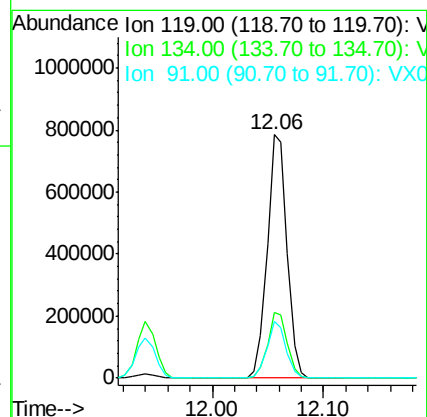
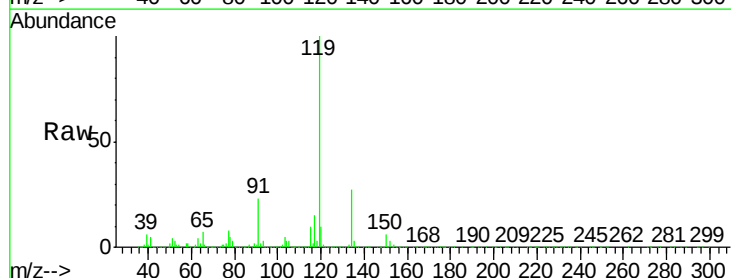
Tgt Ion:119 Resp: 979534

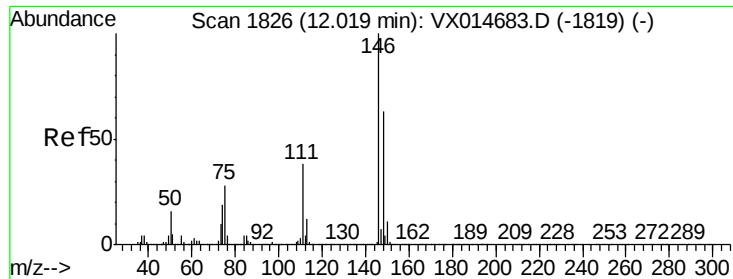
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.752 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

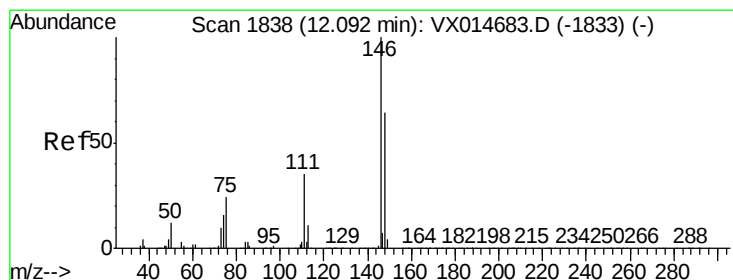
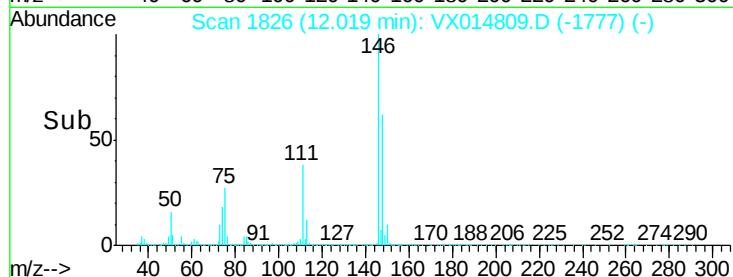
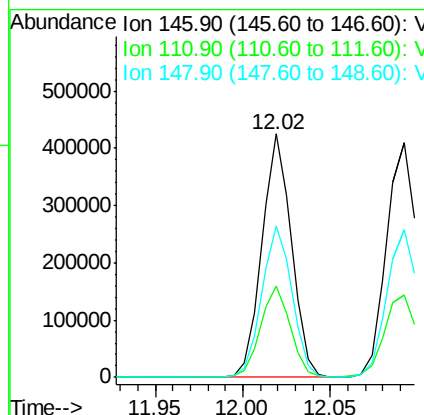
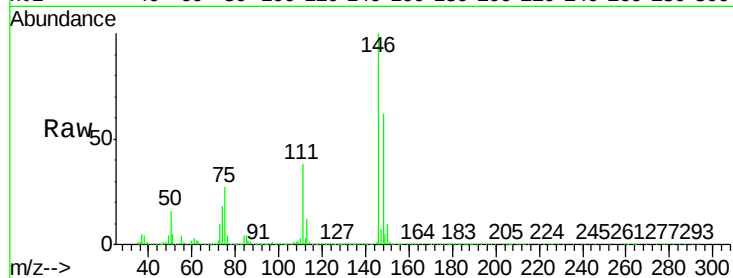
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.6	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 48.280 ug/l

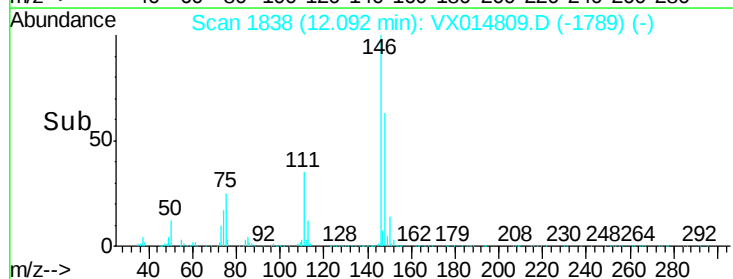
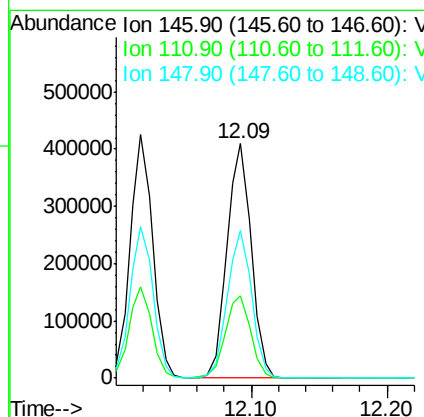
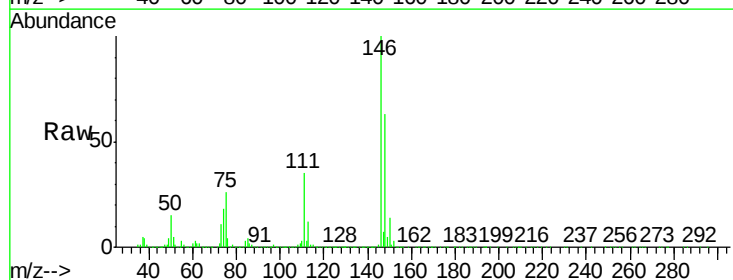
RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014809.D

Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	63.1	32.0	96.2





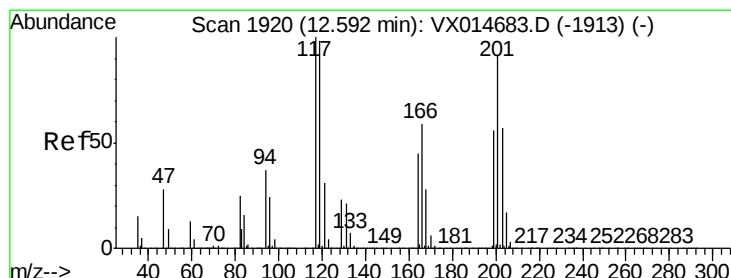
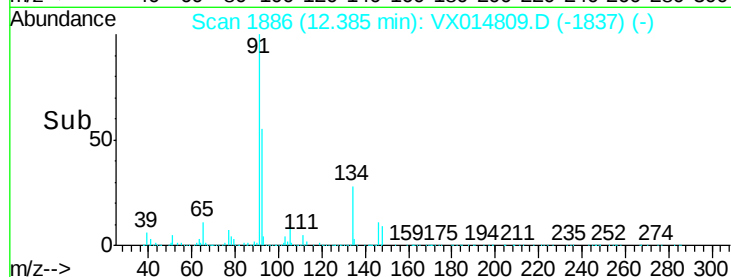
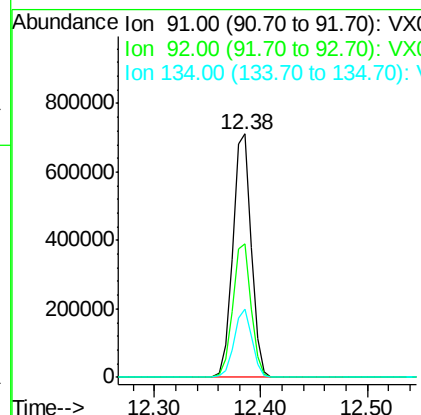
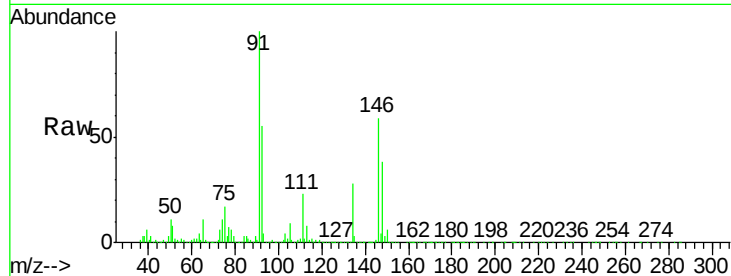
#89
n-Butylbenzene
Concen: 51.968 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	27.3	13.3	39.8

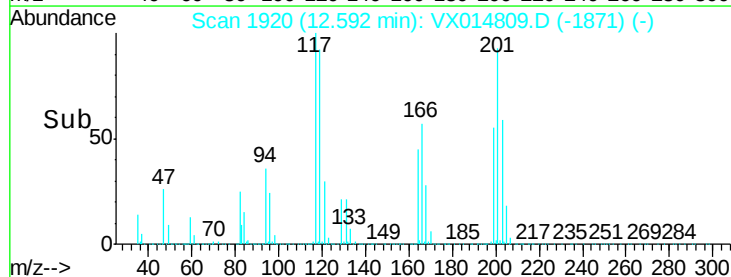
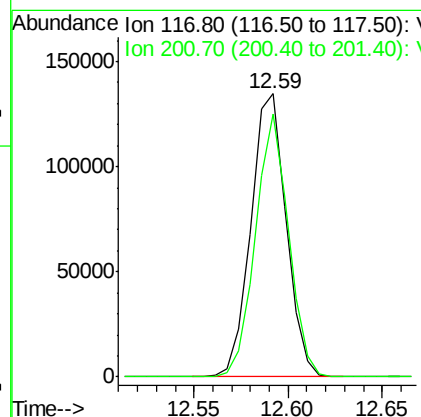
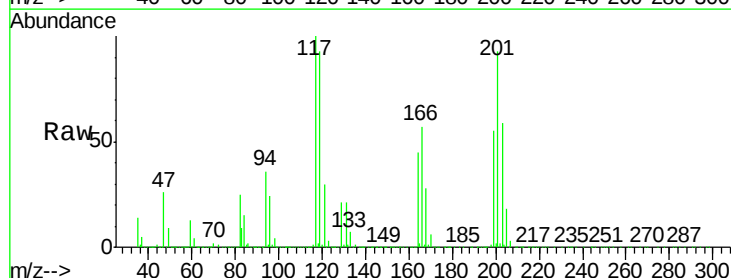
Manual Integrations
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#90
Hexachloroethane
Concen: 49.207 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.4	133.1





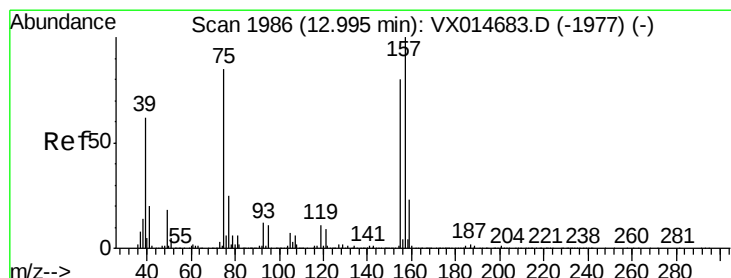
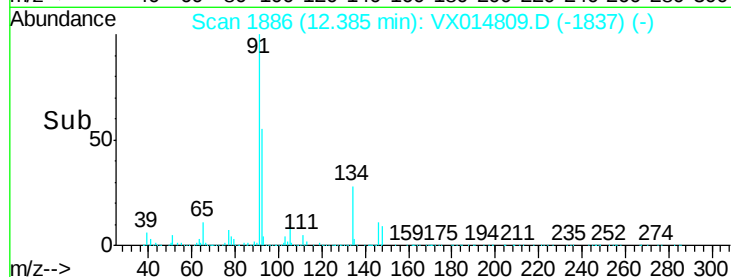
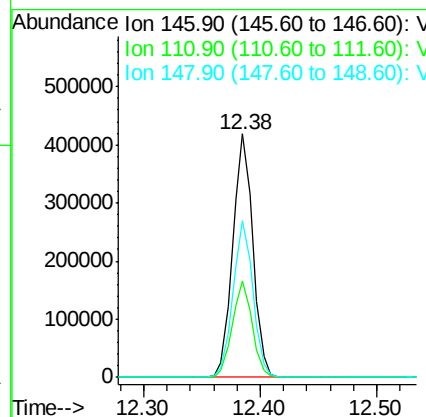
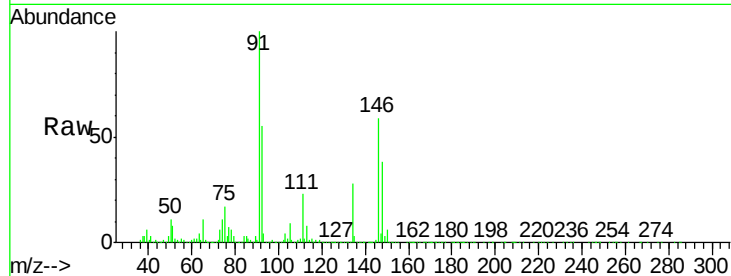
#91
 1,2-Dichlorobenzene
 Concen: 48.233 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	500609		
111	39.1	19.6	58.8	
148	64.0	31.9	95.9	

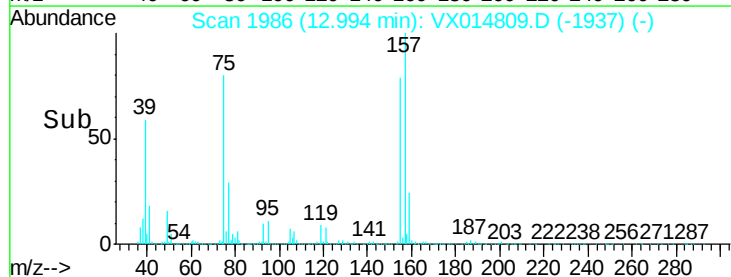
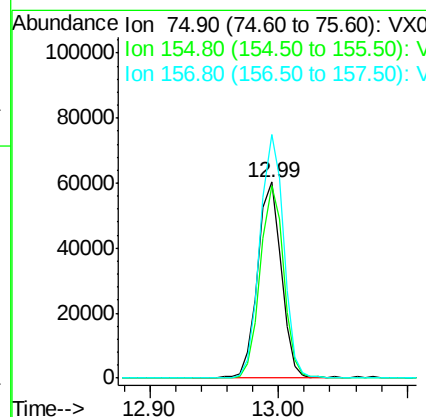
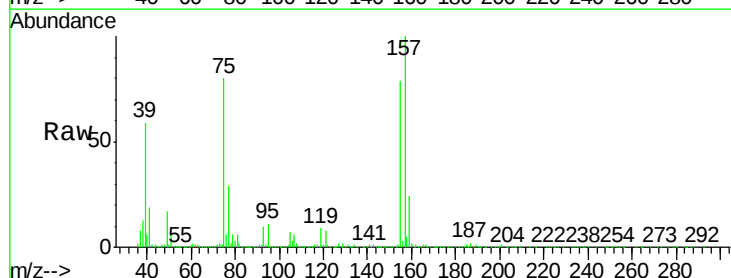
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.444 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75455		
155	98.4	45.6	136.9	
157	125.9	60.3	180.9	





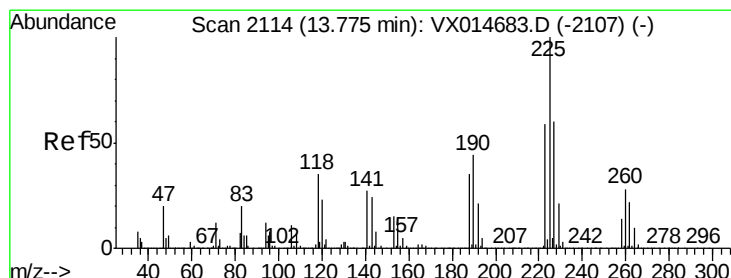
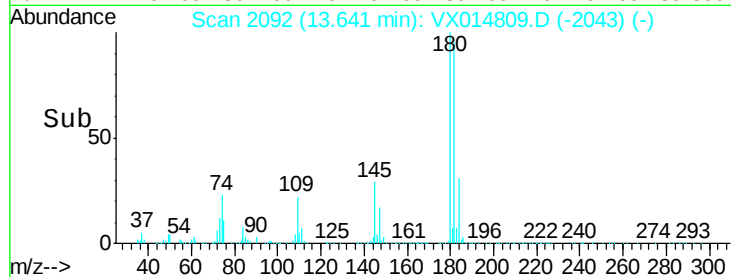
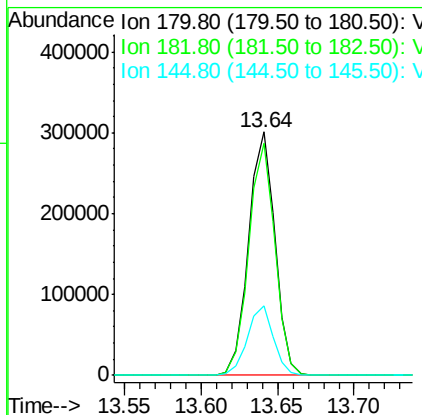
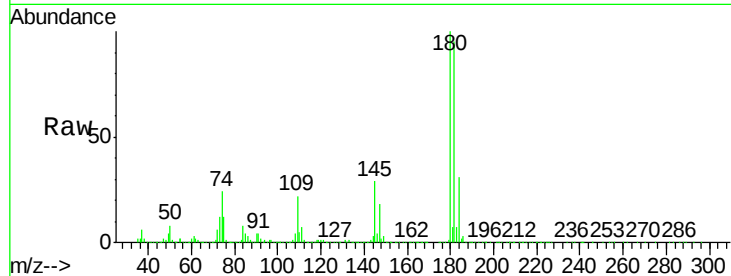
#93
 1,2,4-Trichlorobenzene
 Concen: 53.851 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	360348
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.5	145.6
145	28.4	14.0	41.9

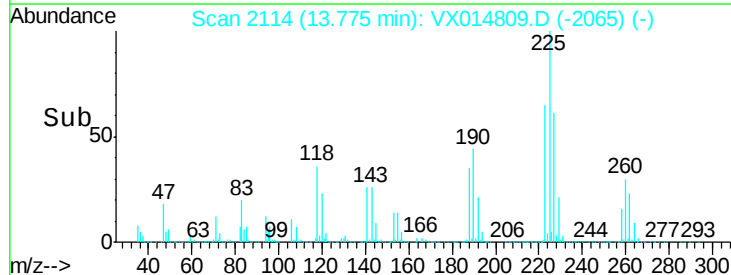
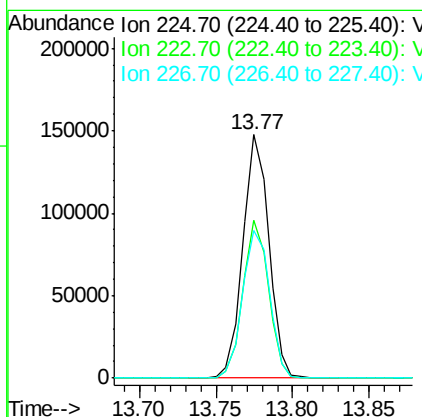
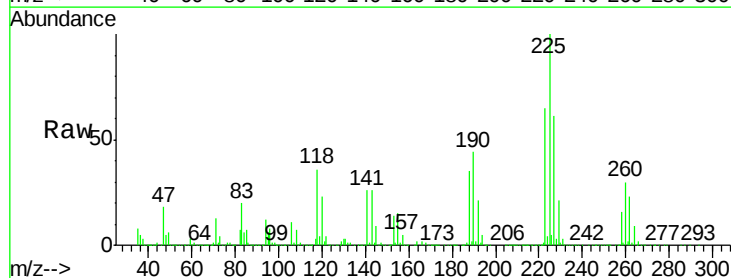
Manual Integrations
 APPROVED

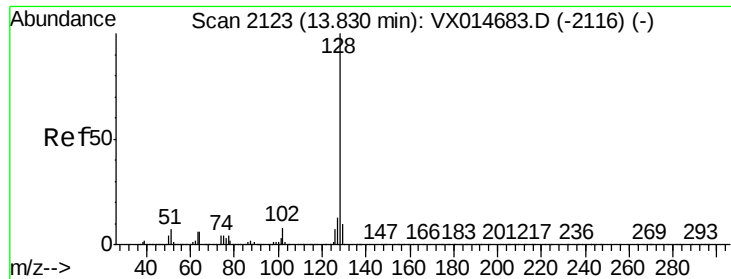
MMDadoda
 2/5/2020 12:25:41 PM



#94
 Hexachlorobutadiene
 Concen: 50.458 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014809.D
 Acq: 04 Feb 2020 16:56

Tgt Ion:	225	Resp:	173782
Ion Ratio	Lower	Upper	
225	100		
223	64.2	30.6	91.8
227	63.6	31.4	94.0





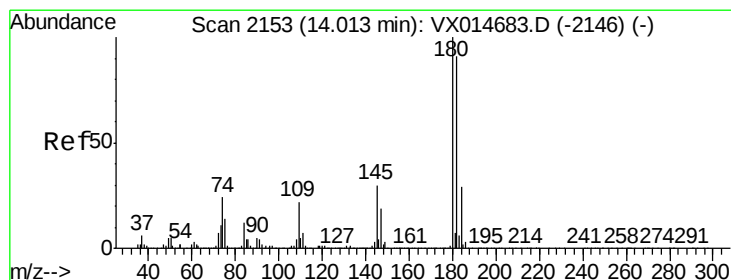
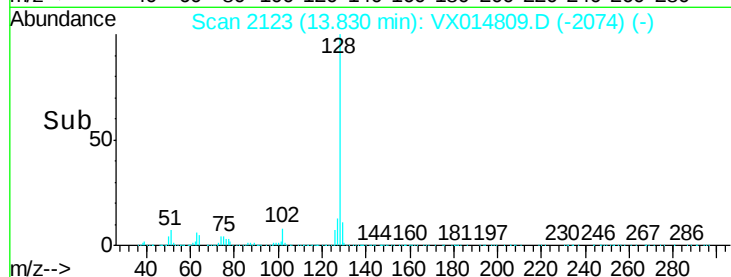
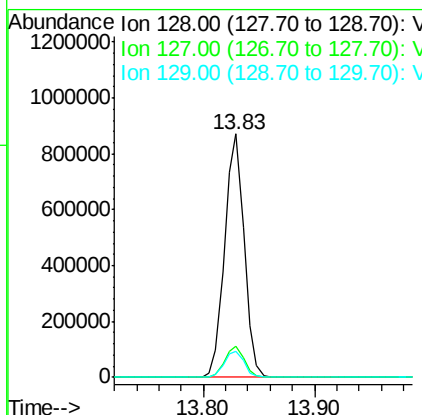
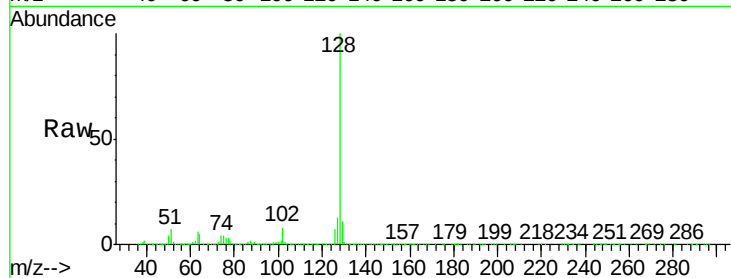
#95
Naphthalene
Concen: 48.840 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.912 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014809.D
Acq: 04 Feb 2020 16:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.6	139.7
145	30.4	14.7	44.1

