

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021920\
 Data File : VX014966.D
 Acq On : 19 Feb 2020 16:49
 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
 2/20/2020 1:41:35 PM

Quant Time: Feb 20 00:58:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	657129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	622719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	243779	48.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	5.48	113	205084	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	760803	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	286618	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205790	48.480	ug/l	100
3) Chloromethane	1.32	50	223510	46.443	ug/l	99
4) Vinyl Chloride	1.40	62	242673	46.809	ug/l	100
5) Bromomethane	1.63	94	159239	47.453	ug/l	97
6) Chloroethane	1.72	64	154136	46.465	ug/l	99
7) Trichlorofluoromethane	1.92	101	342542	47.291	ug/l	100
8) Diethyl Ether	2.18	74	135643	45.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198252	47.153	ug/l	99
10) Methyl Iodide	2.50	142	229451	49.044	ug/l	99
11) Tert butyl alcohol	3.02	59	206382	231.066	ug/l	100
12) 1,1-Dichloroethene	2.37	96	191388	46.584	ug/l	97
13) Acrolein	2.28	56	158426	232.725	ug/l	97
14) Allyl chloride	2.72	41	338178	46.426	ug/l	98
15) Acrylonitrile	3.12	53	546791	241.487	ug/l	99
16) Acetone	2.43	43	511773	185.515	ug/l	100
17) Carbon Disulfide	2.56	76	506451	44.119	ug/l	100
18) Methyl Acetate	2.76	43	254544	49.962	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	656951	49.132	ug/l	98
20) Methylene Chloride	2.84	84	223365	45.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	209491	46.211	ug/l	98
22) Diisopropyl ether	3.84	45	693098	49.819	ug/l	96
23) Vinyl Acetate	3.80	43	2954616	257.627	ug/l	100
24) 1,1-Dichloroethane	3.69	63	381302	48.563	ug/l	99
25) 2-Butanone	4.65	43	765977	222.414	ug/l	99
26) 2,2-Dichloropropane	4.57	77	315213	46.584	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242752	47.903	ug/l	99
28) Bromochloromethane	5.00	49	154963	50.917	ug/l	97
29) Tetrahydrofuran	5.11	42	481901	246.150	ug/l	99
30) Chloroform	5.19	83	384582	49.368	ug/l	97
31) Cyclohexane	5.56	56	331694	46.381	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	328384	48.190	ug/l	99
36) 1,1-Dichloropropene	5.78	75	282171	48.003	ug/l	98
37) Ethyl Acetate	4.81	43	297972	48.602	ug/l	100
38) Carbon Tetrachloride	5.77	117	284506	49.665	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351336	47.791	ug/l	99
40) Benzene	6.13	78	854247	48.639	ug/l	100
41) Methacrylonitrile	5.02	41	169218	51.234	ug/l	98
42) 1,2-Dichloroethane	6.18	62	310576	48.927	ug/l	100
43) Isopropyl Acetate	6.42	43	507231	50.153	ug/l	99
44) Trichloroethene	7.20	130	242732	47.608	ug/l	100
45) 1,2-Dichloropropane	7.50	63	219475	48.999	ug/l	99
46) Dibromomethane	7.65	93	147416	48.148	ug/l	99
47) Bromodichloromethane	7.89	83	301003	49.583	ug/l	99
48) Methyl methacrylate	7.76	41	251014	50.432	ug/l	99
49) 1,4-Dioxane	7.73	88	88496	950.960	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1543816	252.800	ug/l	100
52) Toluene	8.78	92	543381	48.712	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	329567	49.535	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	361586	49.196	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	221937	49.176	ug/l	98
56) Ethyl methacrylate	9.17	69	348731	51.408	ug/l	99
57) 1,3-Dichloropropane	9.36	76	370625	48.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	949415	267.615	ug/l	100
59) 2-Hexanone	9.48	43	1173616	244.499	ug/l	99
60) Dibromochloromethane	9.57	129	247601	50.980	ug/l	99
61) 1,2-Dibromoethane	9.67	107	233417	47.934	ug/l	100
64) Tetrachloroethene	9.33	164	247134	42.447	ug/l	97
65) Chlorobenzene	10.13	112	603493	47.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	227929	49.708	ug/l	99
67) Ethyl Benzene	10.25	91	1053547	49.047	ug/l	100
68) m/p-Xylenes	10.35	106	816384	98.657	ug/l	97
69) o-Xylene	10.69	106	389077	48.913	ug/l	100
70) Styrene	10.71	104	678210	50.399	ug/l	100
71) Bromoform	10.85	173	193540	50.567	ug/l #	99
73) Isopropylbenzene	11.01	105	1038920	48.016	ug/l	100
74) N-amyl acetate	10.89	43	447801	49.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	331021	46.801	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	284913m	45.665	ug/l	
77) Bromobenzene	11.25	156	281768	46.657	ug/l	98
78) n-propylbenzene	11.35	91	1203244	48.081	ug/l	100
79) 2-Chlorotoluene	11.42	91	693663	47.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	889096	49.178	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	113728	46.658	ug/l	98
82) 4-Chlorotoluene	11.51	91	831395	47.719	ug/l	99
83) tert-Butylbenzene	11.76	119	845318	49.376	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	880408	48.322	ug/l	100
85) sec-Butylbenzene	11.94	105	1042266	49.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	966759	48.575	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	499638	46.117	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	503802	45.536	ug/l	99
89) n-Butylbenzene	12.38	91	865696	48.567	ug/l	100
90) Hexachloroethane	12.59	117	169582	48.792	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	495241	46.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72486	43.683	ug/l	99

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VSTDCCC050EC

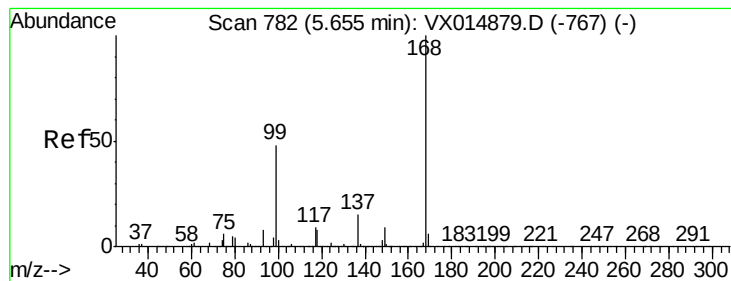
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	367891	46.912	ug/l	98
94) Hexachlorobutadiene	13.77	225	178954	47.179	ug/l	97
95) Naphthalene	13.83	128	1028974	49.349	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360517	47.583	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 448232

Ion Ratio Lower Upper

168 100

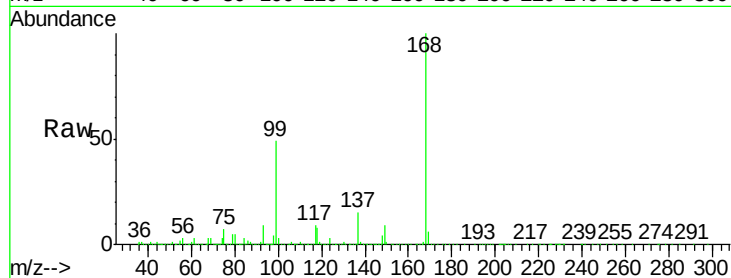
99 48.4 38.7 58.1

Manual Integrations

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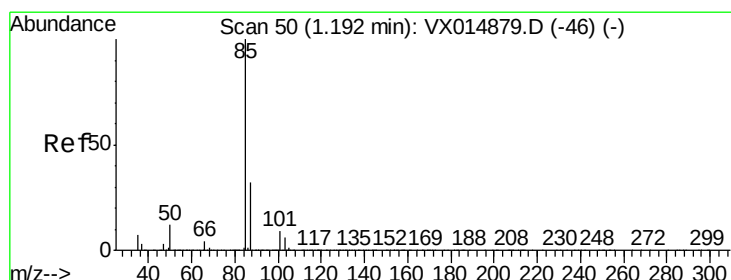
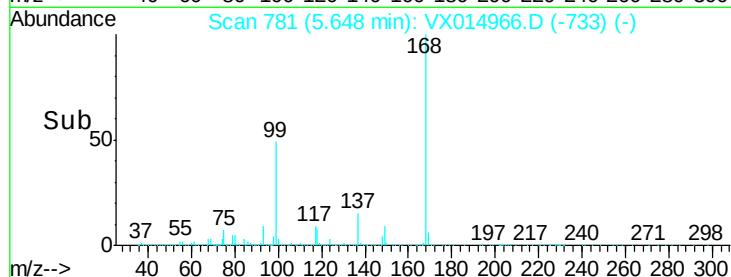
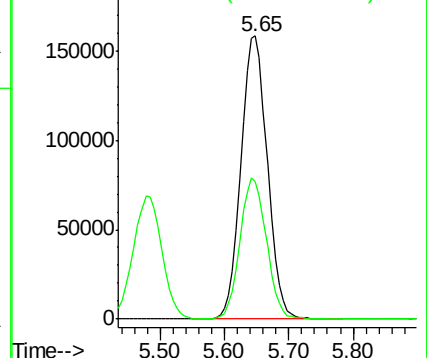
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.480 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014966.D

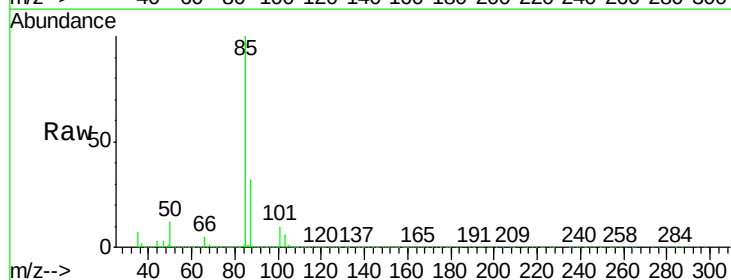
Acq: 19 Feb 2020 16:49

Tgt Ion: 85 Resp: 205790

Ion Ratio Lower Upper

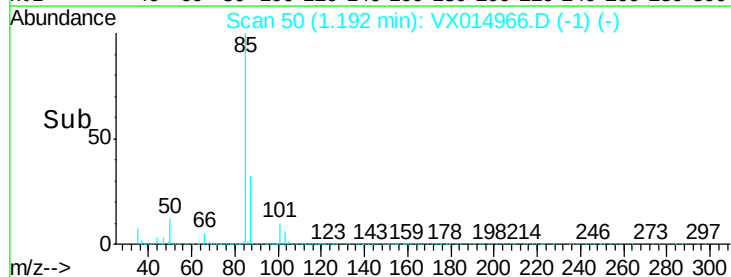
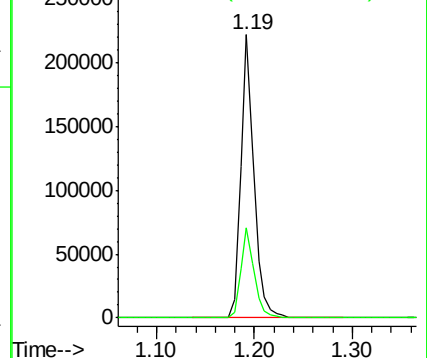
85 100

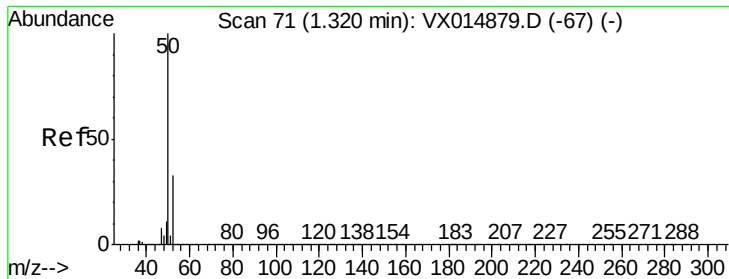
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.443 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 223510

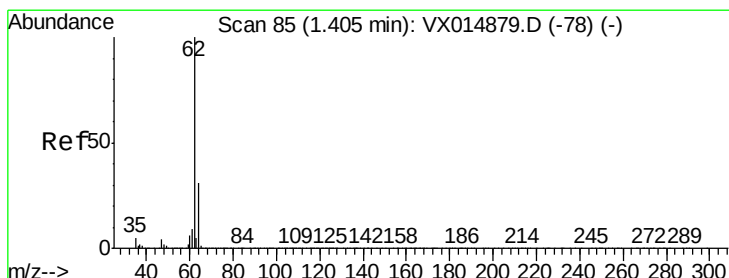
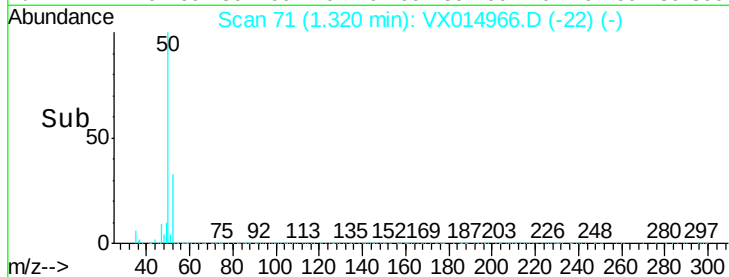
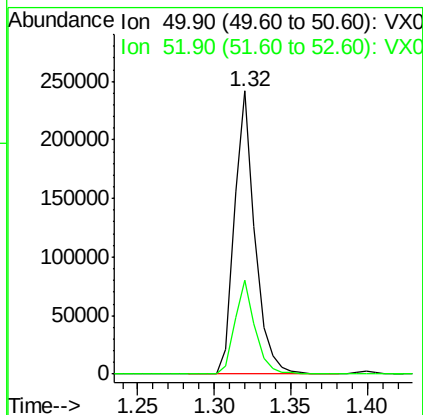
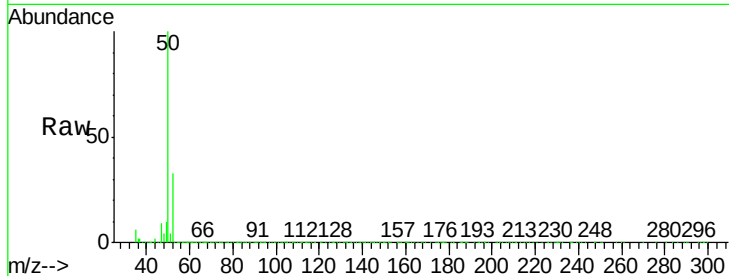
Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.809 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014966.D

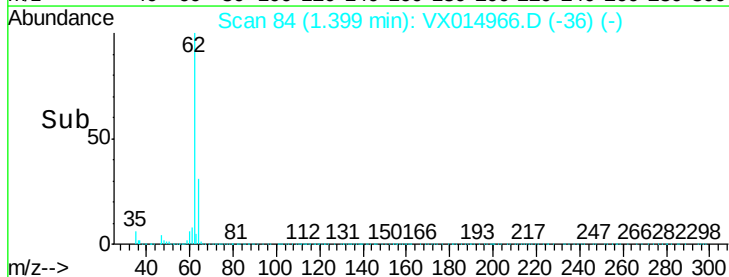
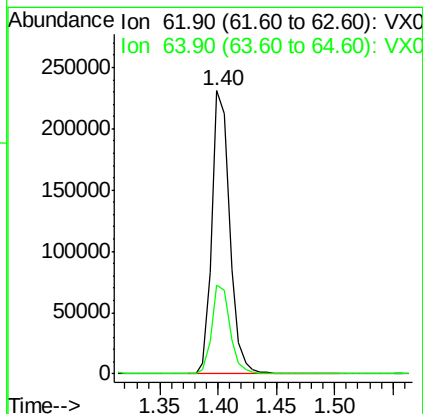
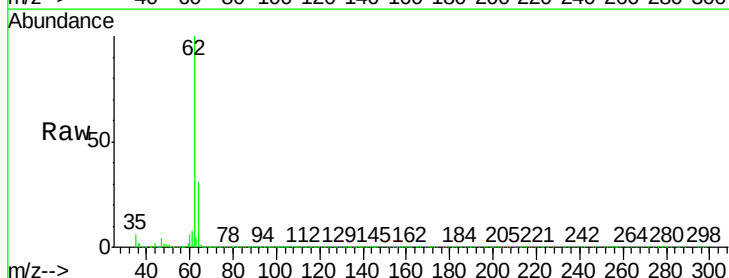
Acq: 19 Feb 2020 16:49

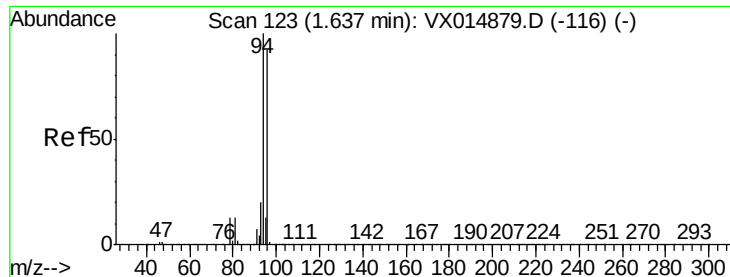
Tgt Ion: 62 Resp: 242673

Ion Ratio Lower Upper

62 100

64 31.2 24.8 37.2





#5

Bromomethane

Concen: 47.453 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 159239

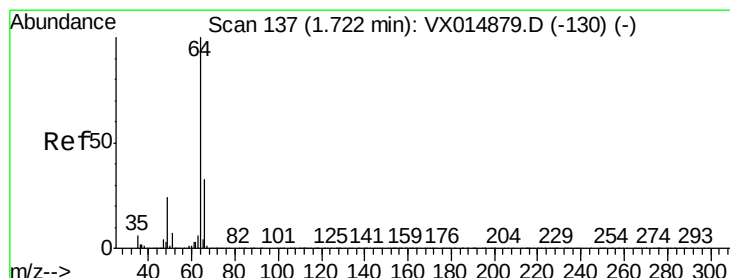
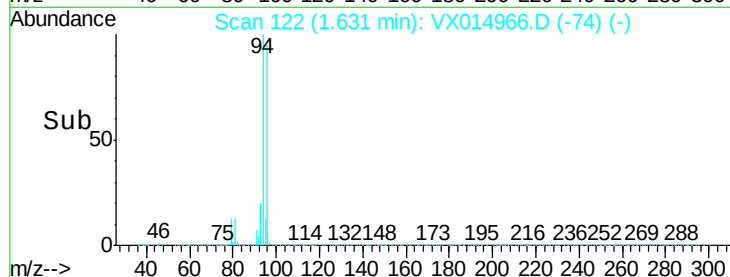
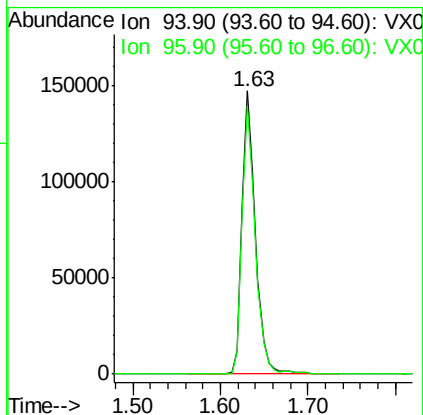
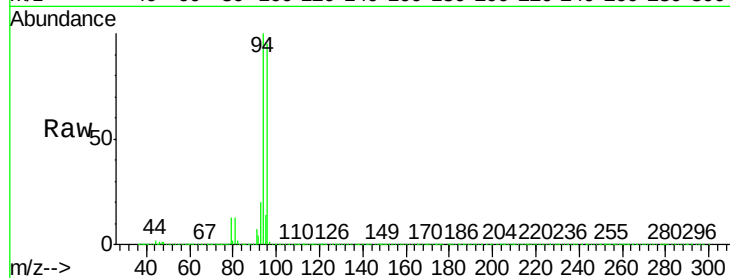
Ion Ratio Lower Upper

94 100

96 94.6 73.7 110.5

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#6

Chloroethane

Concen: 46.465 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014966.D

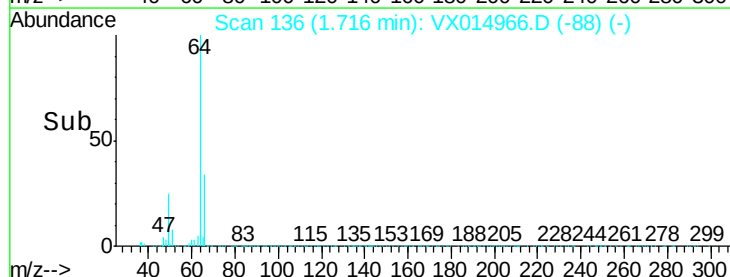
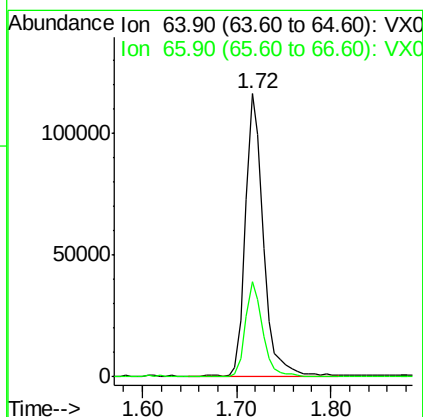
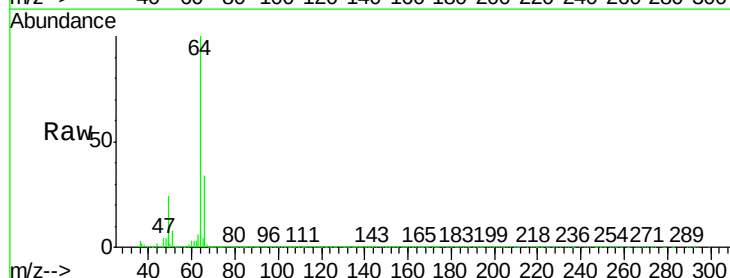
Acq: 19 Feb 2020 16:49

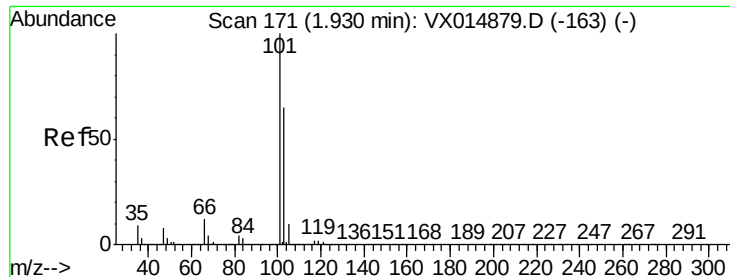
Tgt Ion: 64 Resp: 154136

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4





#7

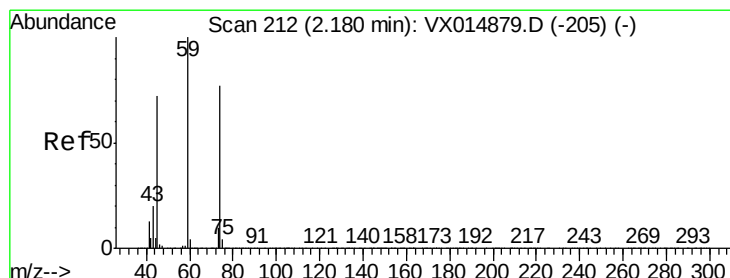
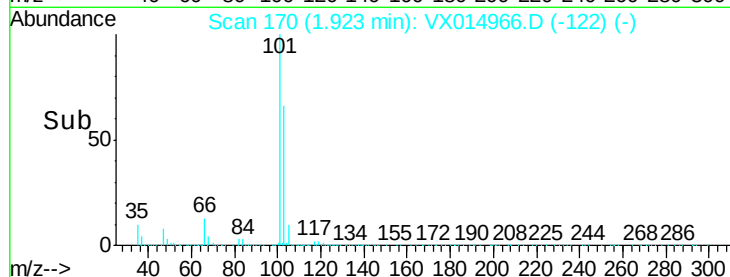
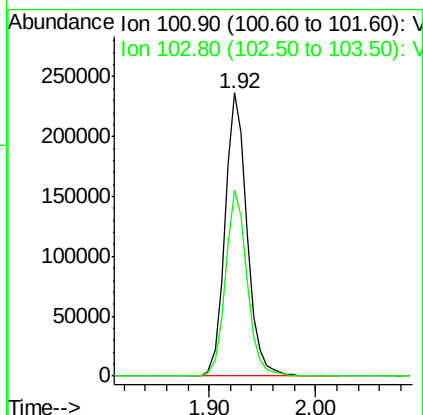
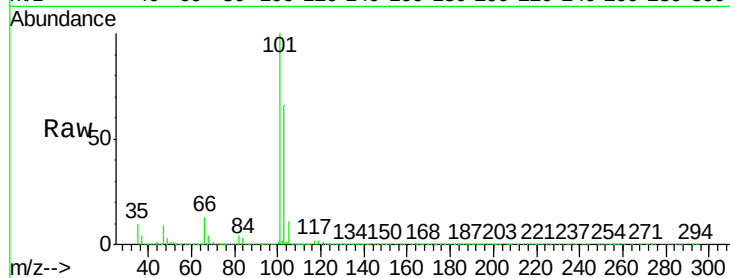
Trichlorofluoromethane
Concen: 47.291 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.4

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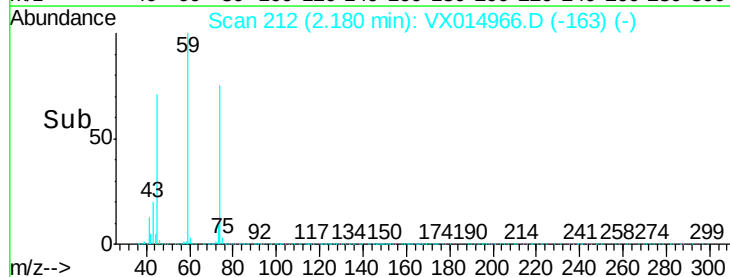
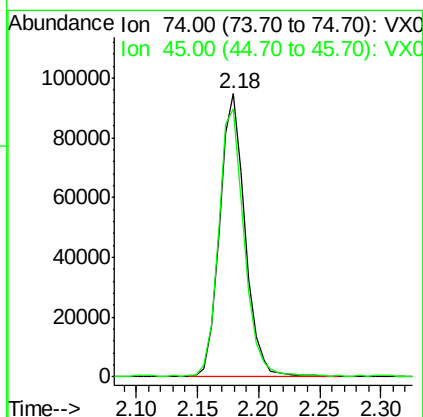
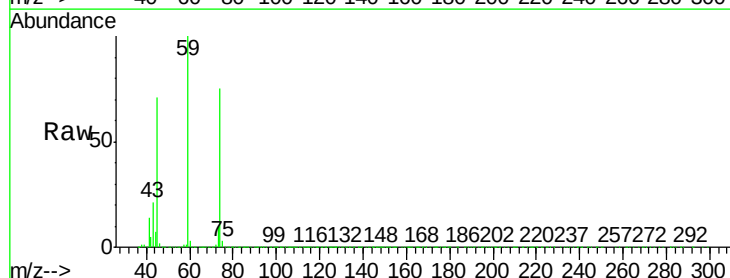
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2/20/2020 1:41:35 PM

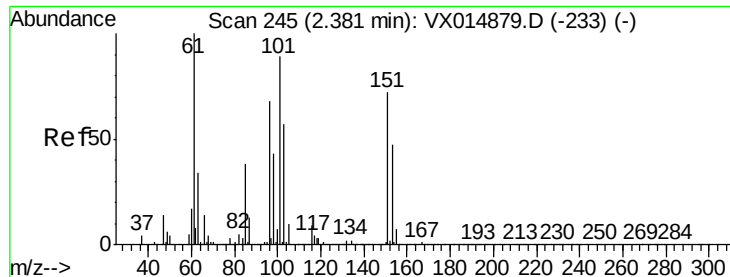


#8

Diethyl Ether
Concen: 45.159 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.153 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

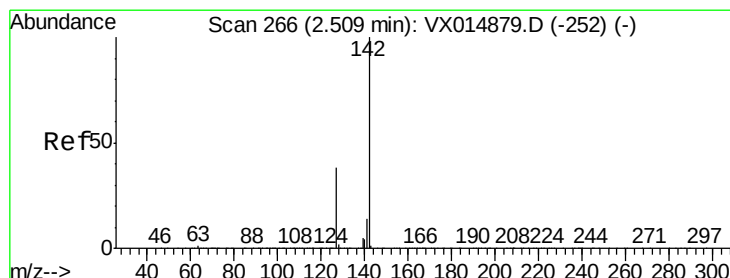
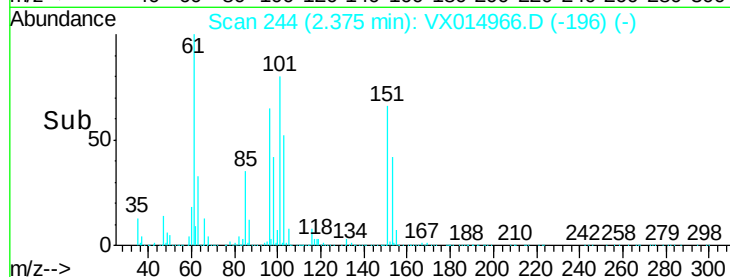
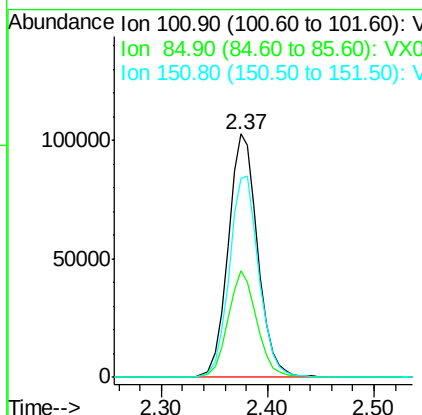
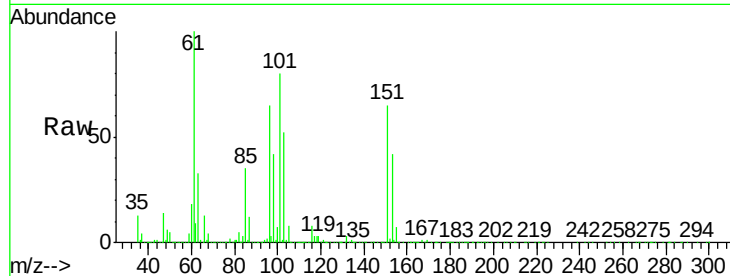
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	198252
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.1	51.1
151	83.4	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 49.044 ug/l

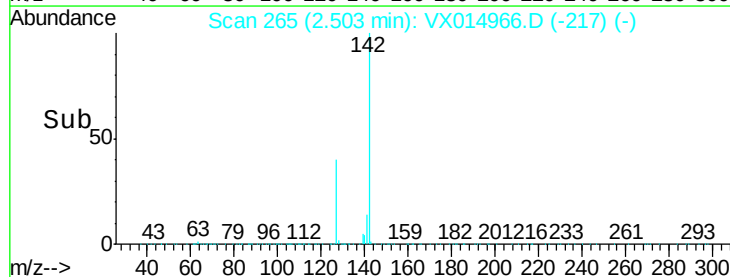
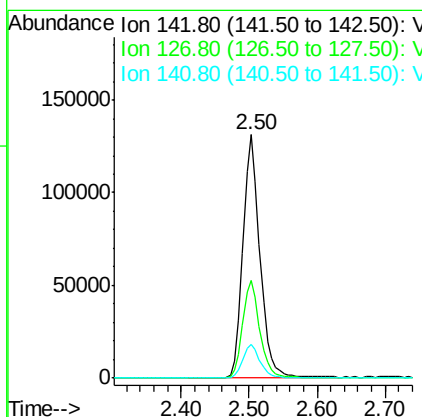
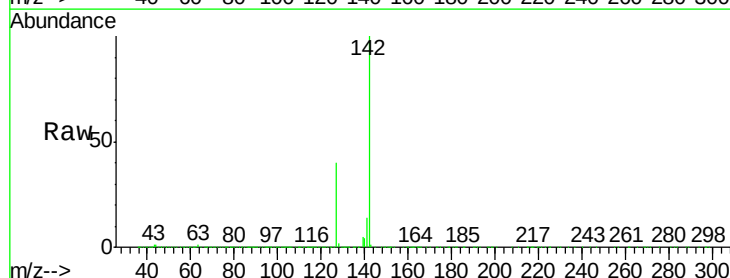
RT: 2.50 min Scan# 265

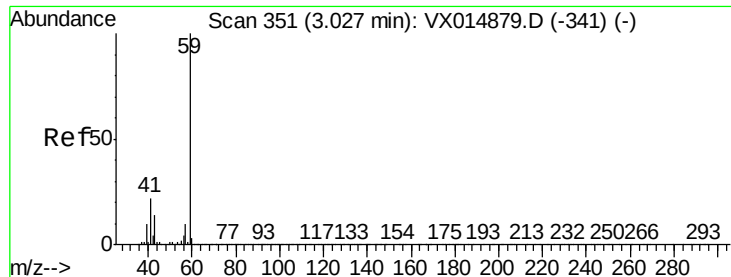
Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	142	Resp:	229451
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	14.2	11.3	16.9





#11

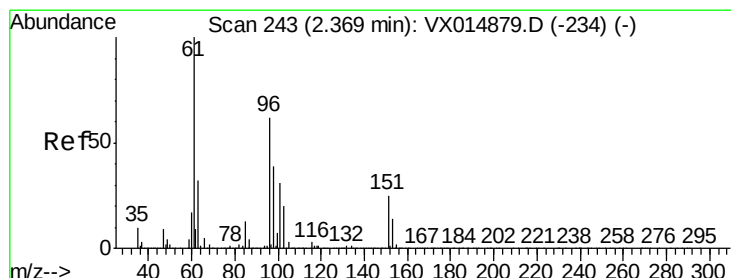
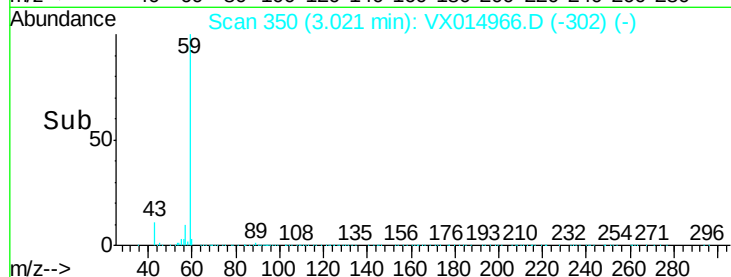
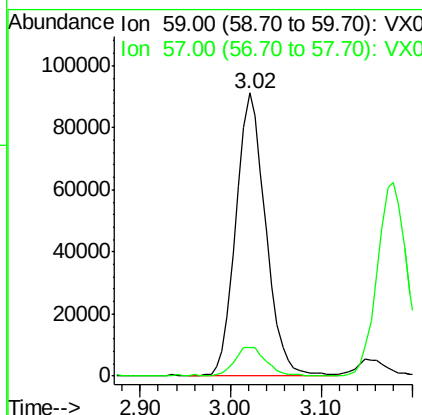
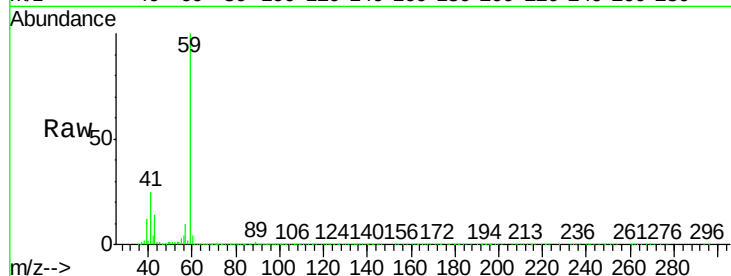
Tert butyl alcohol
Concen: 231.066 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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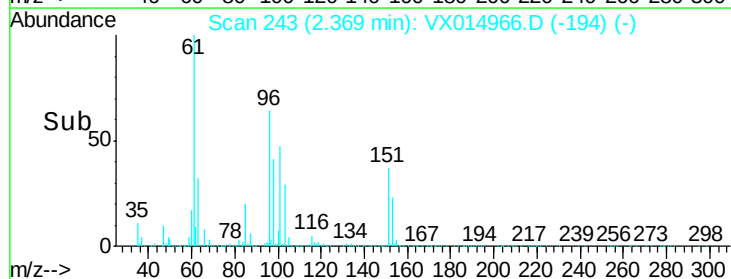
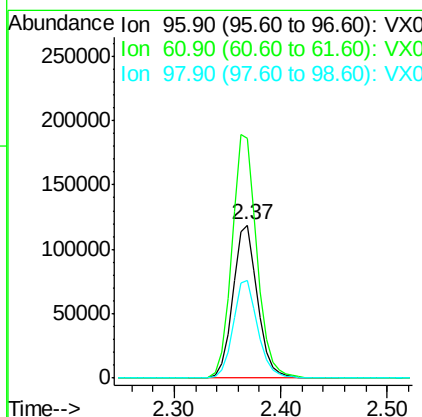
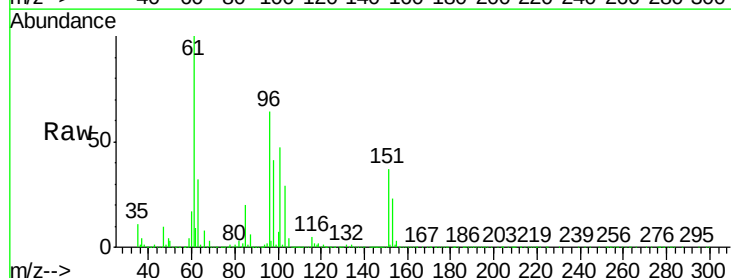
MMDadoda
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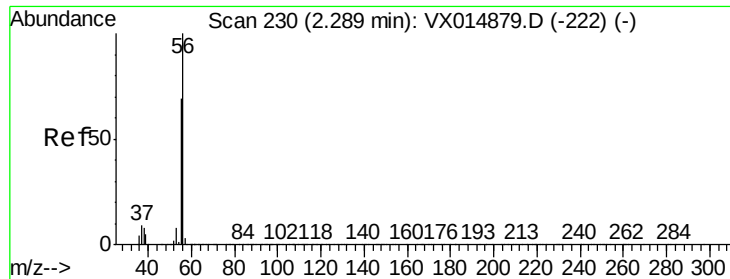


#12

1,1-Dichloroethene
Concen: 46.584 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	129.5	194.3
98	63.8	50.6	76.0





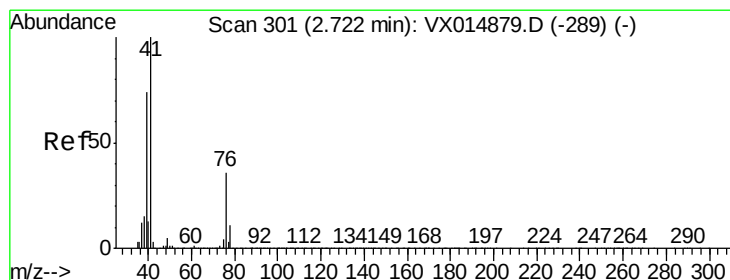
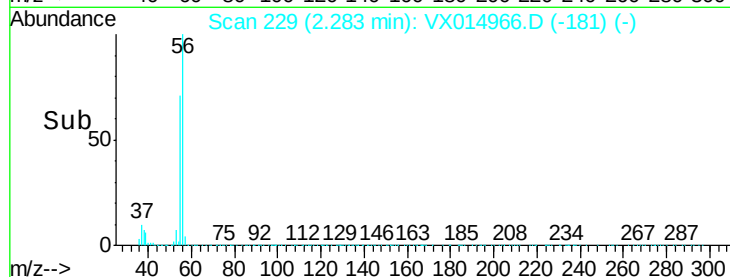
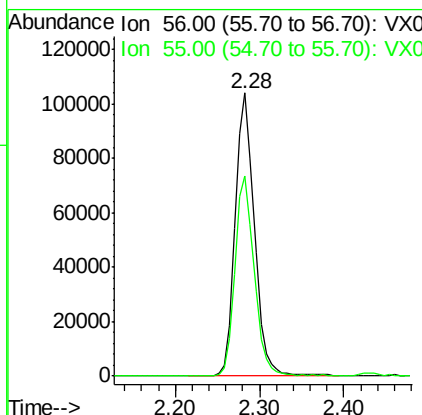
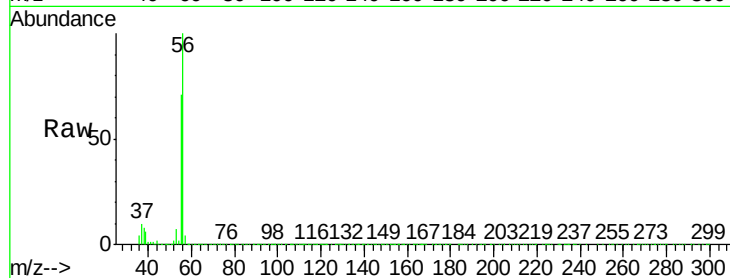
#13
Acrolein
Concen: 232.725 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	55.0	82.4

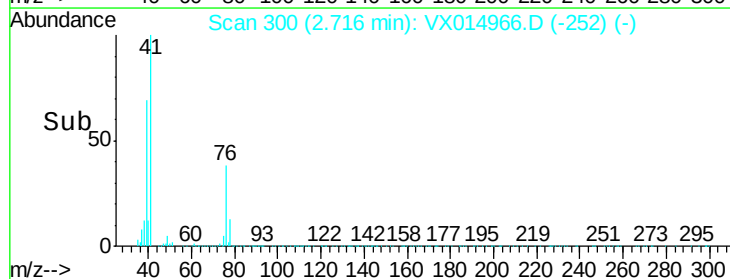
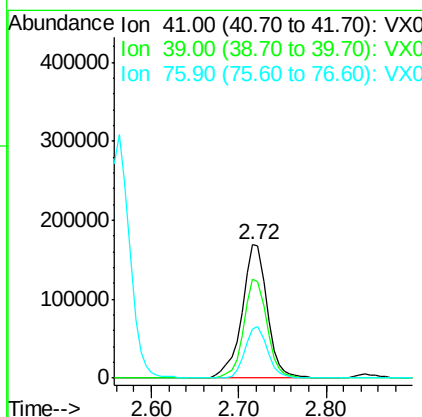
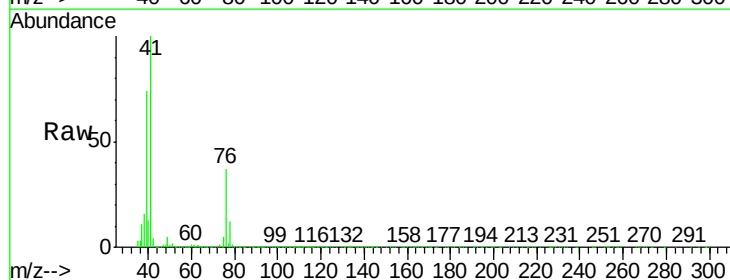
Manual Integrations
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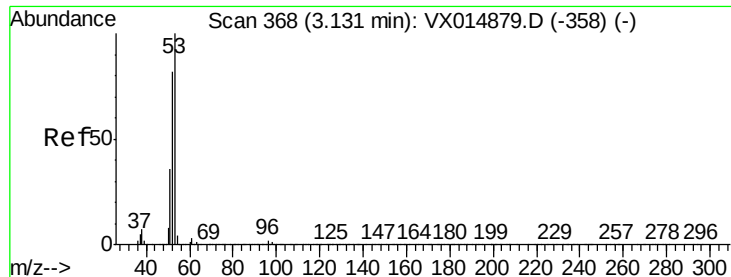
MMDadoda
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#14
Allyl chloride
Concen: 46.426 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.9	55.2	82.8
76	34.7	26.8	40.2





#15

Acrylonitrile

Concen: 241.487 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

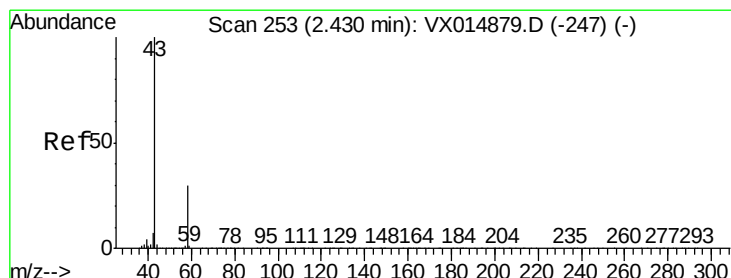
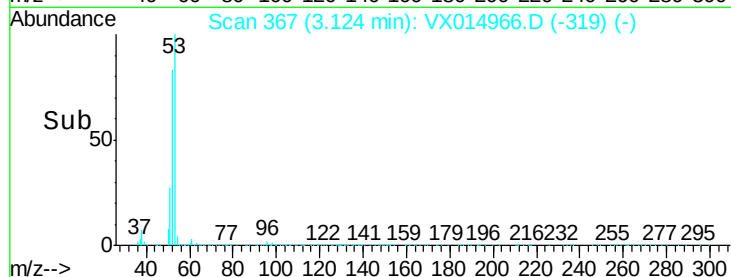
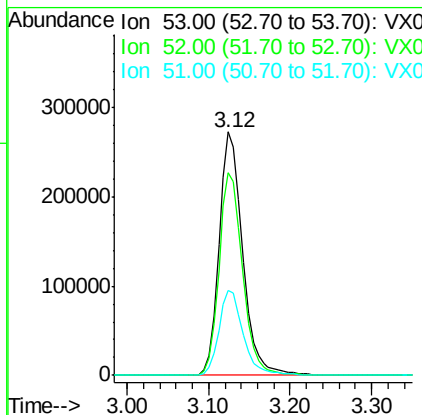
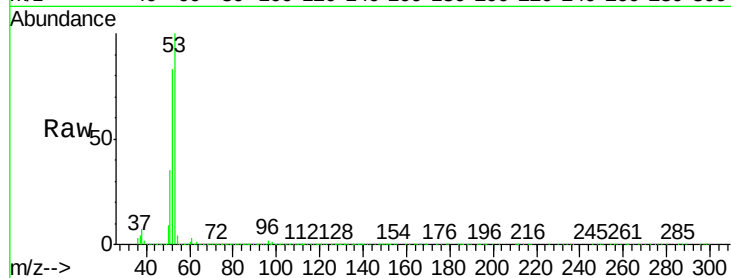
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	546791
Ion Ratio		Lower	Upper
53	100		
52	83.5	65.8	98.6
51	36.1	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 185.515 ug/l

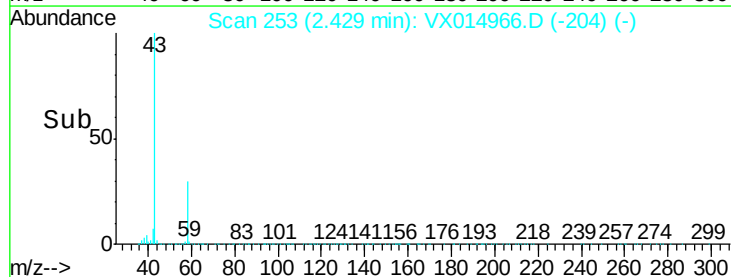
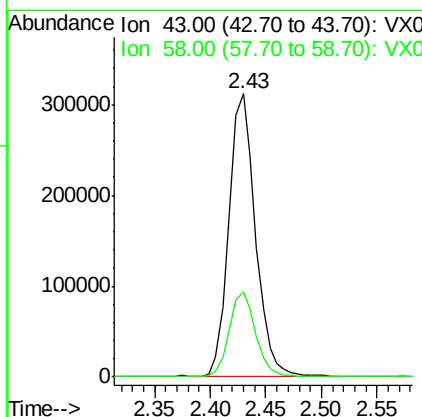
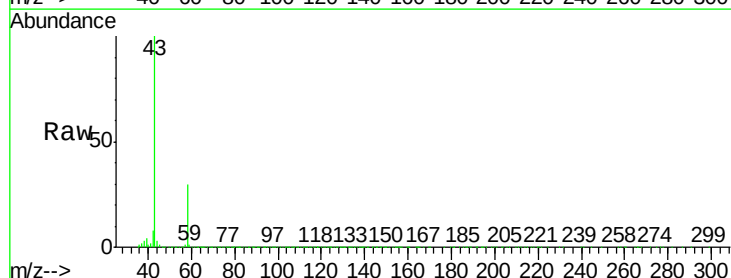
RT: 2.43 min Scan# 253

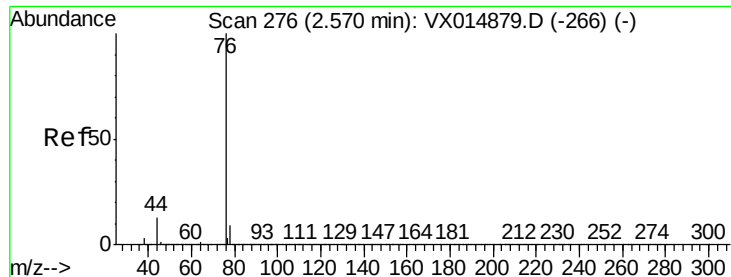
Delta R.T. 0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	43	Resp:	511773
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.1	36.1





#17

Carbon Disulfide

Concen: 44.119 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 506451

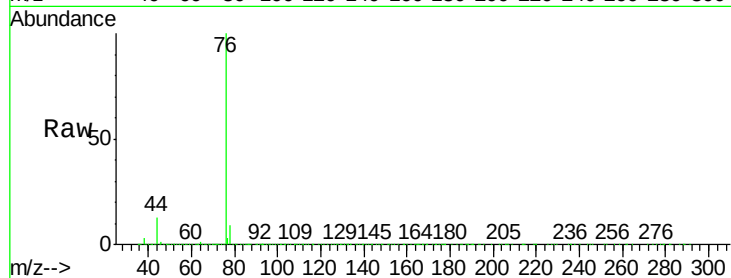
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

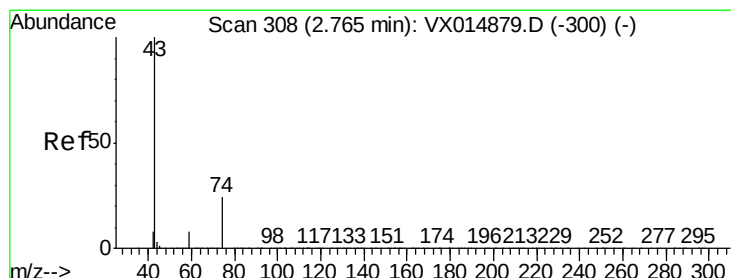
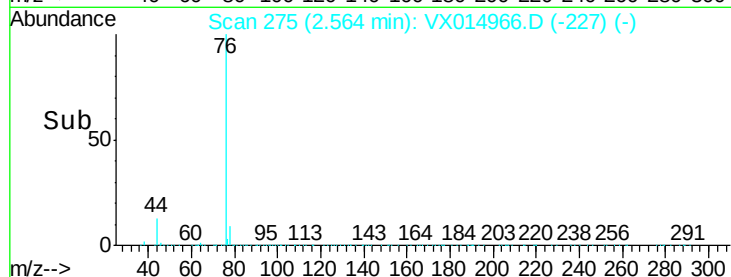
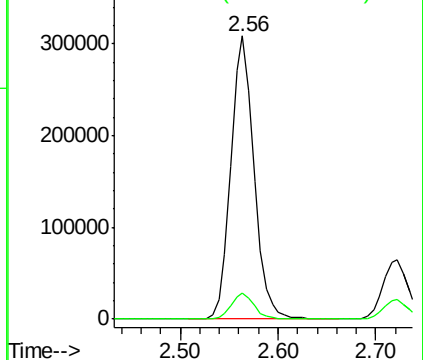
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.962 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014966.D

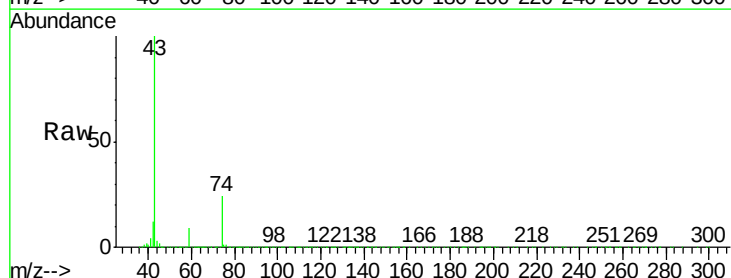
Acq: 19 Feb 2020 16:49

Tgt Ion: 43 Resp: 254544

Ion Ratio Lower Upper

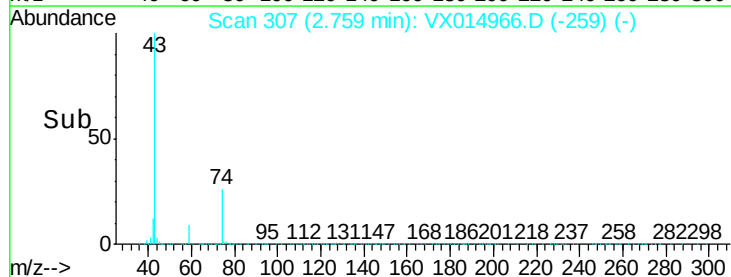
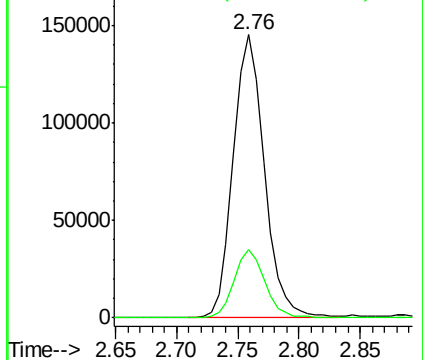
43 100

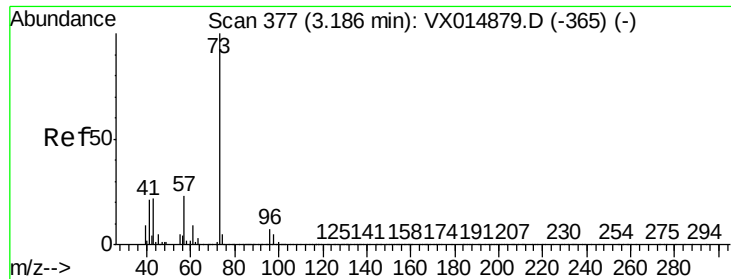
74 24.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





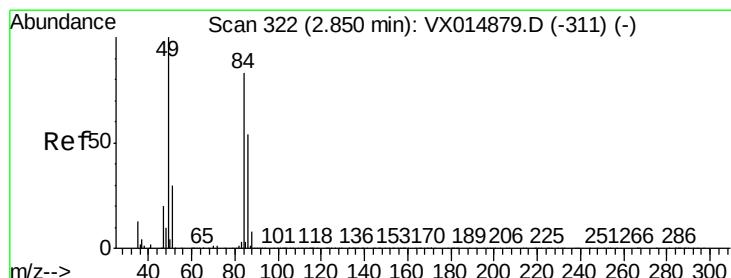
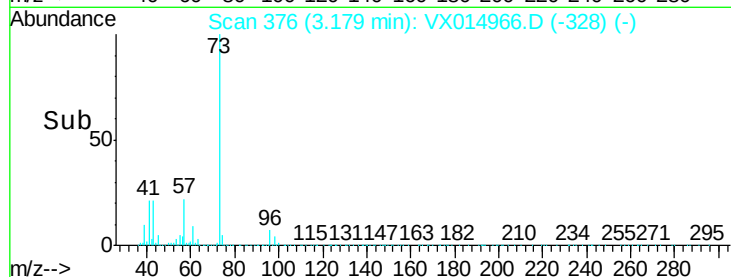
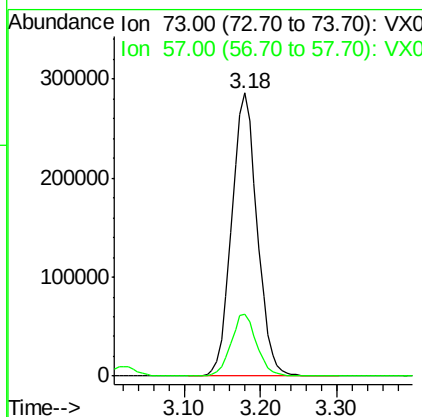
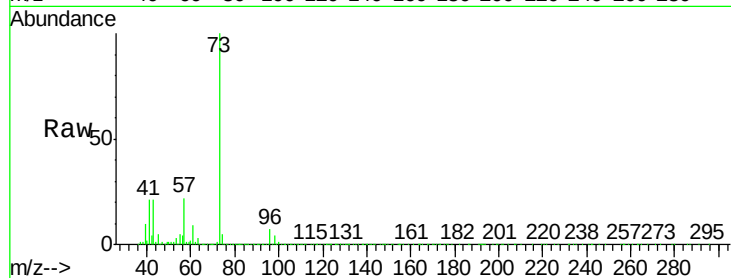
#19
Methyl tert-butyl Ether
Concen: 49.132 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.2	27.4

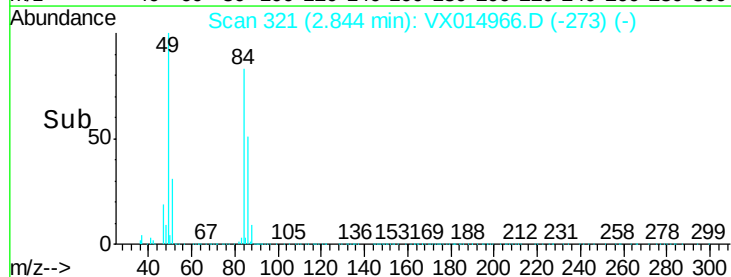
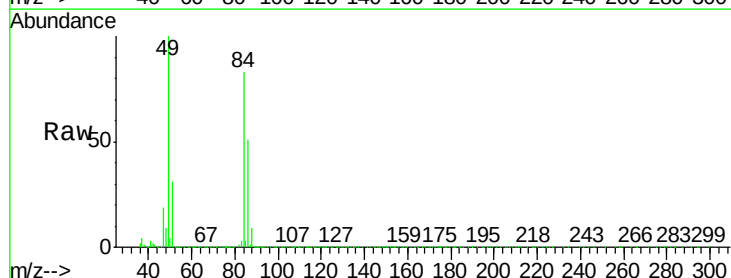
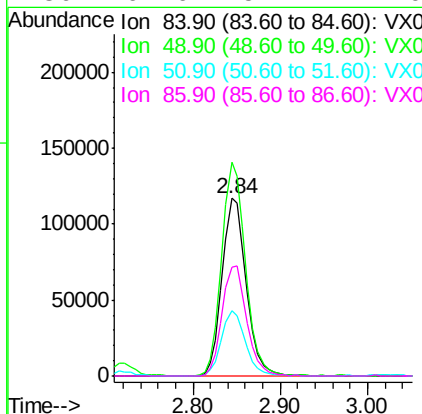
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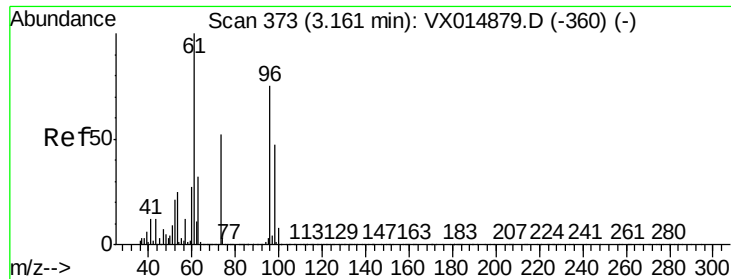
MMDadoda
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#20
Methylene Chloride
Concen: 45.901 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	95.6	143.4
51	36.8	29.0	43.6
86	61.6	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 46.211 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

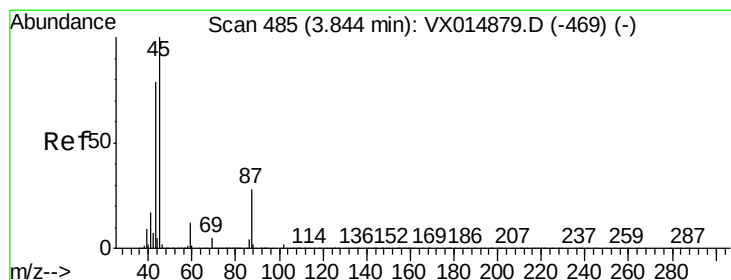
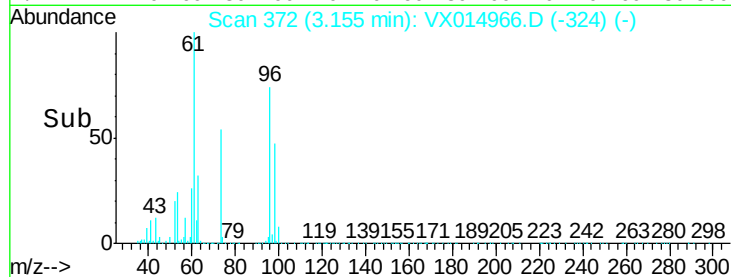
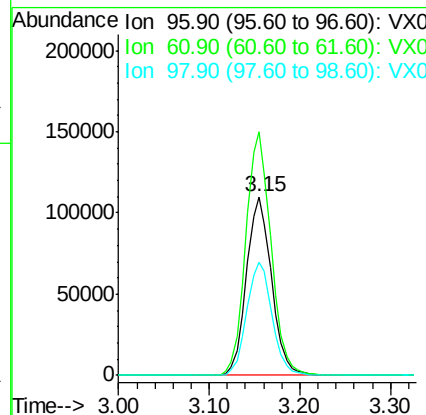
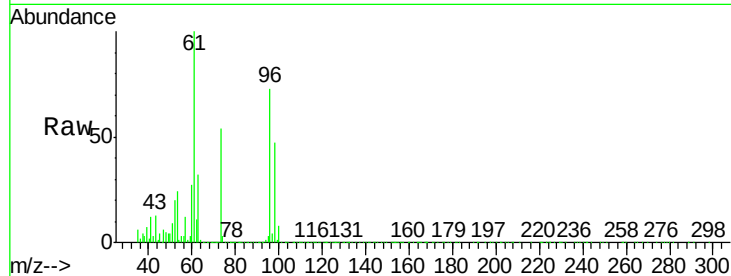
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	209491
Ion Ratio	Lower	Upper	
96	100		
61	136.1	106.9	160.3
98	63.1	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.819 ug/l

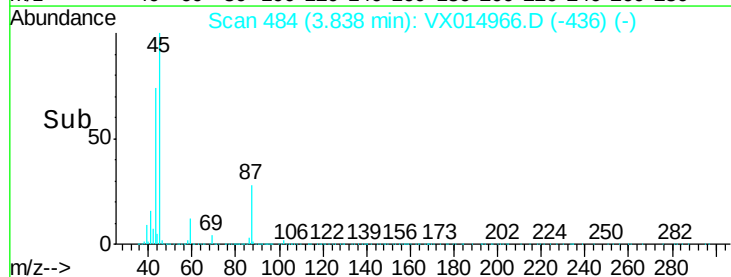
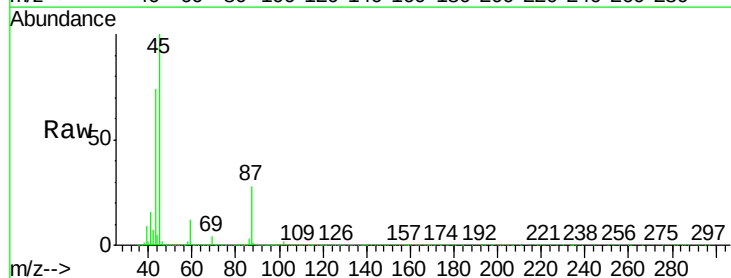
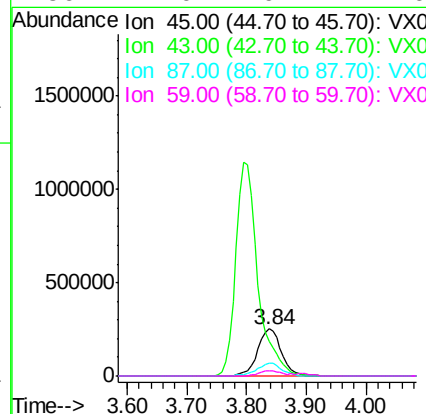
RT: 3.84 min Scan# 484

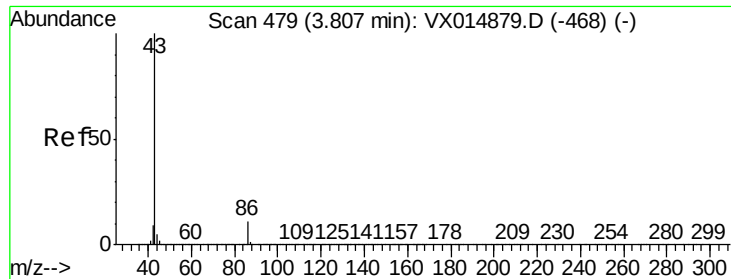
Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	45	Resp:	693098
Ion Ratio	Lower	Upper	
45	100		
43	74.1	63.5	95.3
87	27.6	22.2	33.4
59	12.0	9.4	14.0





#23

Vinyl Acetate

Concen: 257.627 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2954616

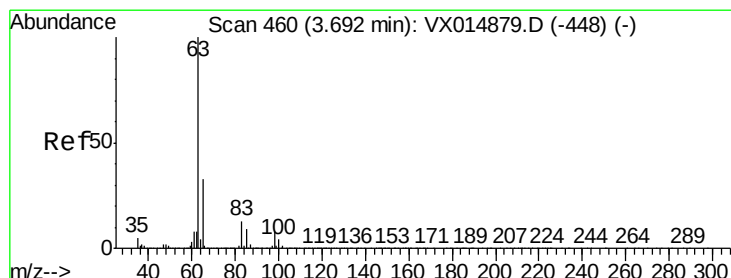
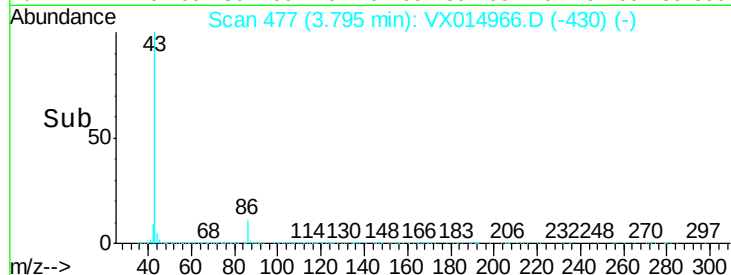
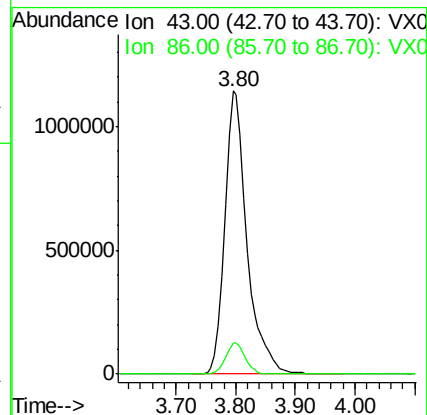
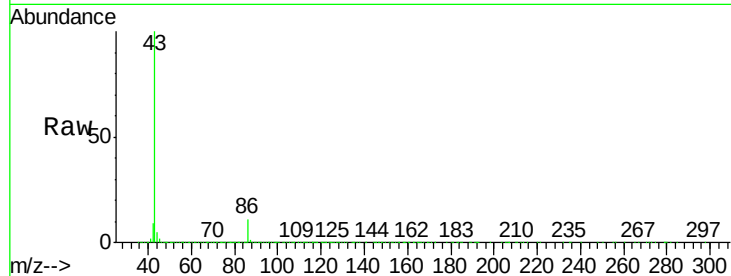
Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 48.563 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

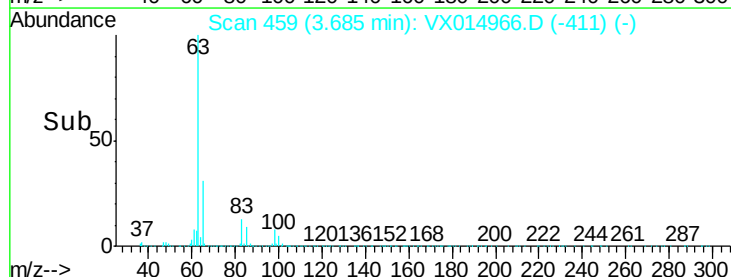
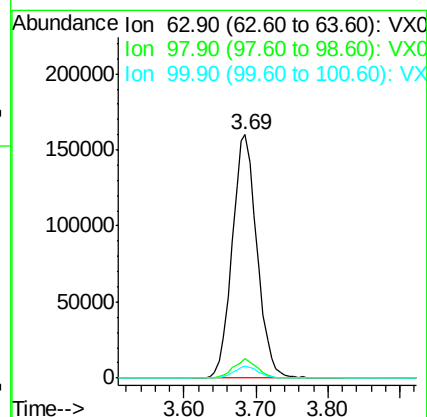
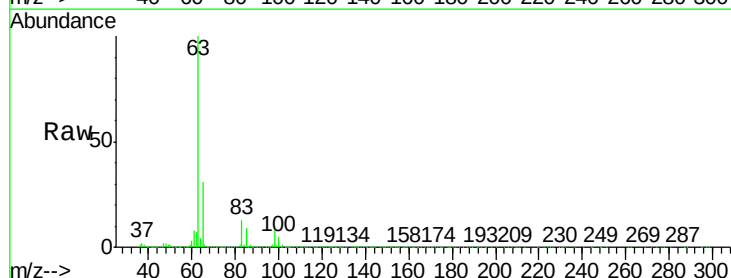
Tgt Ion: 63 Resp: 381302

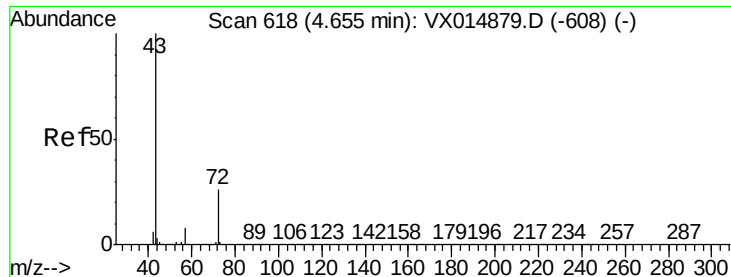
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 222.414 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 765977

Ion Ratio Lower Upper

43 100

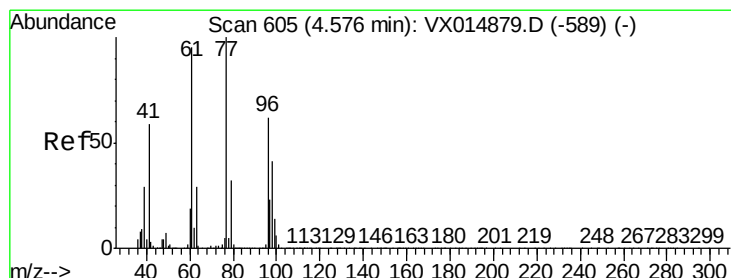
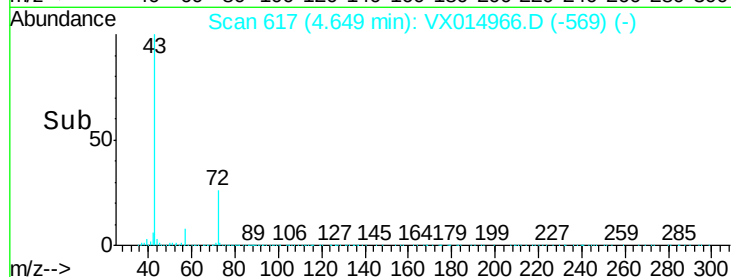
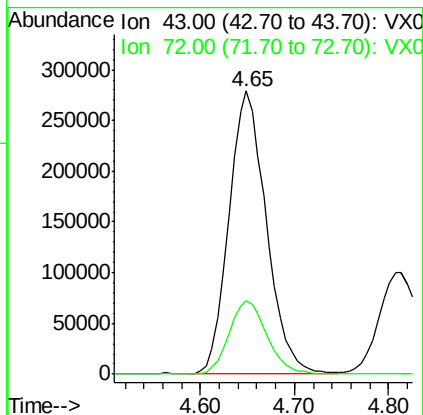
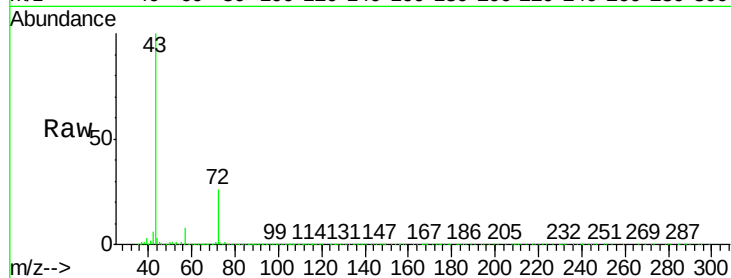
72 25.7 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.584 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014966.D

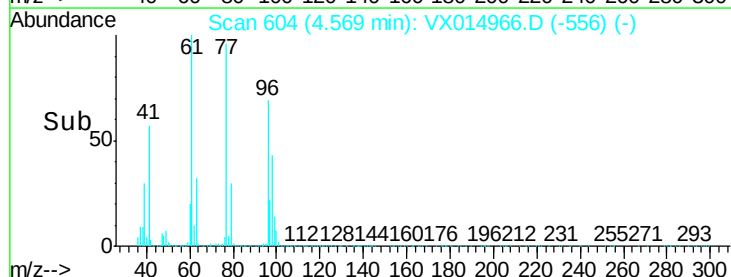
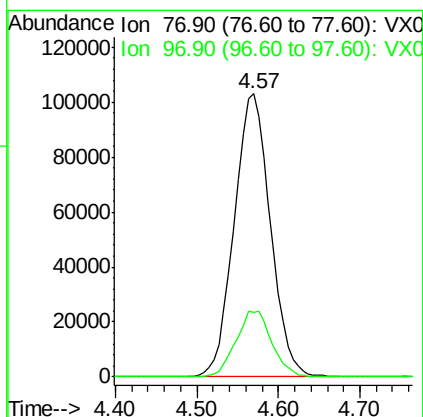
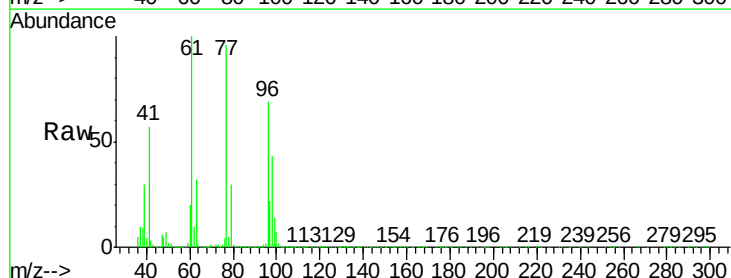
Acq: 19 Feb 2020 16:49

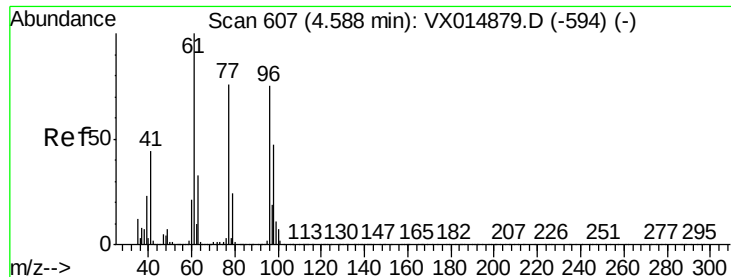
Tgt Ion: 77 Resp: 315213

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5





#27

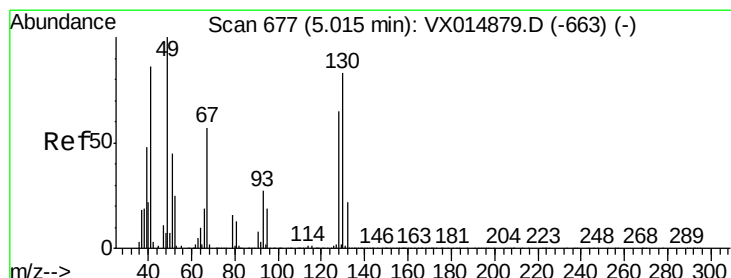
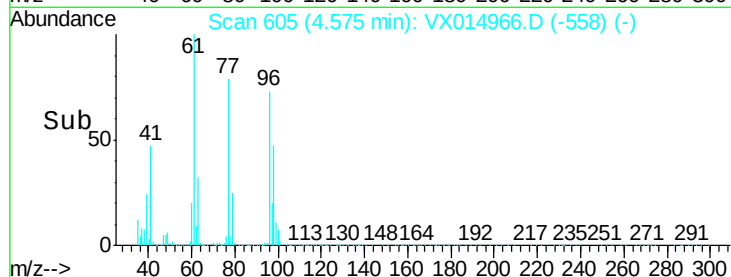
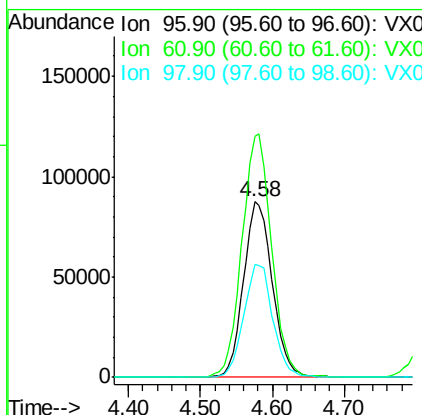
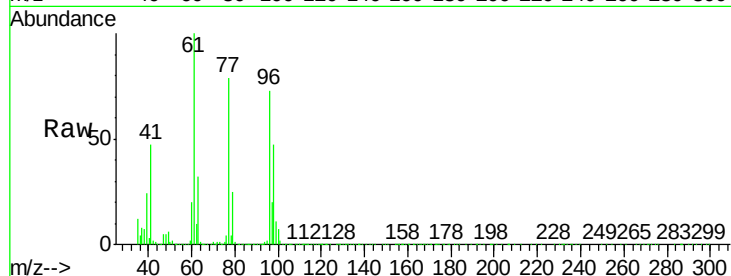
cis-1,2-Dichloroethene
Concen: 47.903 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	286.2
98	65.0	0.0	131.0

Manual Integrations
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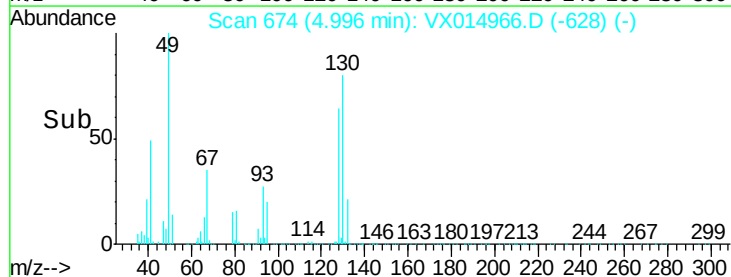
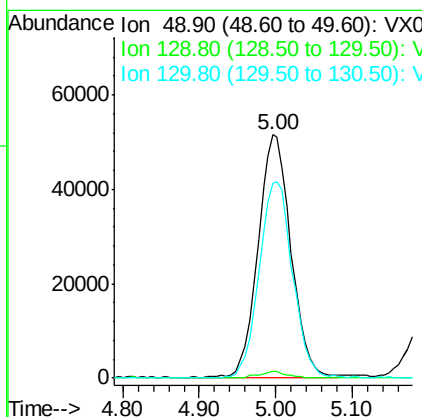
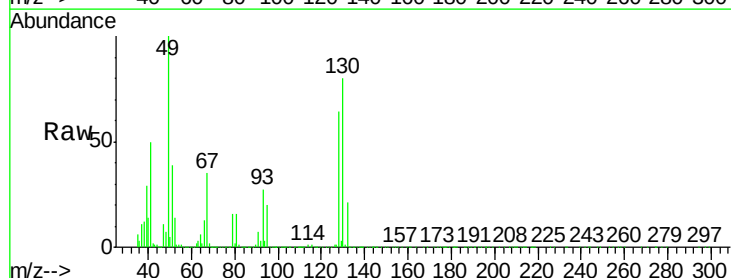
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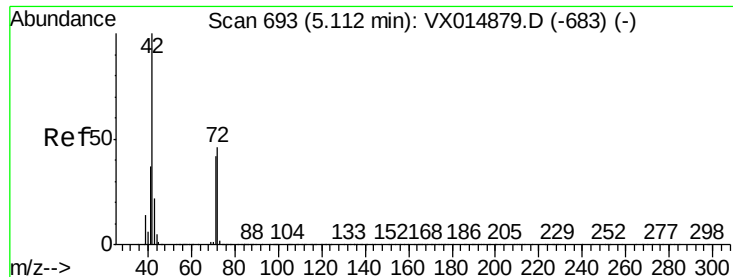


#28

Bromochloromethane
Concen: 50.917 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	81.5	67.4	101.2





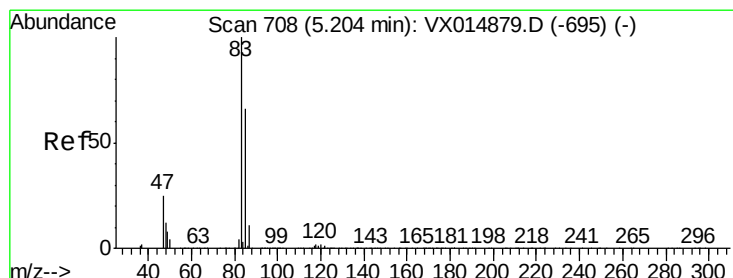
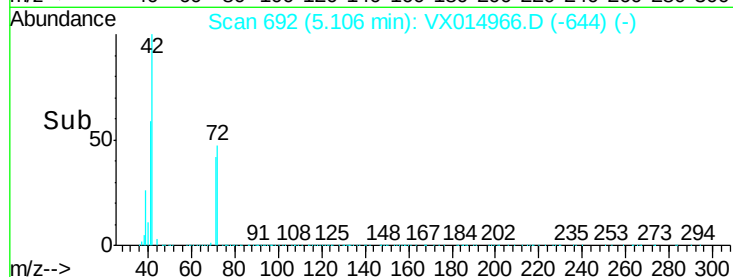
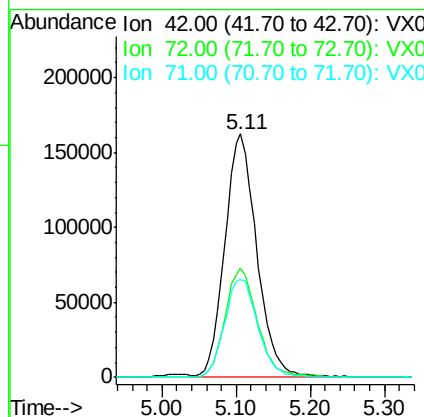
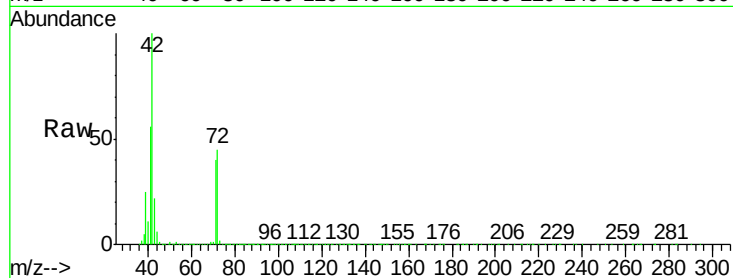
#29
Tetrahydrofuran
Concen: 246.150 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	481901
Ion Ratio		Lower	Upper
42	100		
72	45.6	36.9	55.3
71	42.1	34.1	51.1

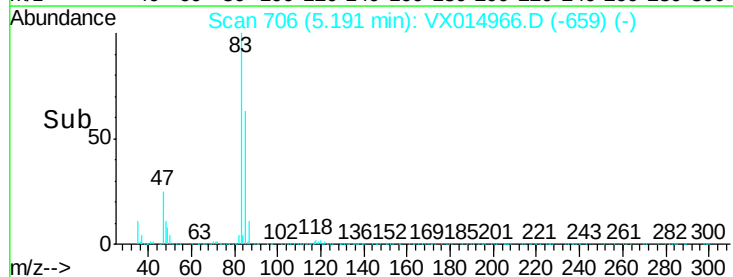
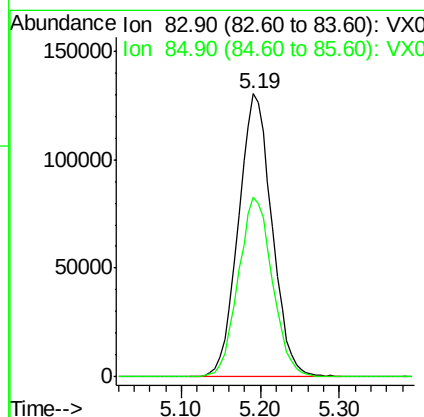
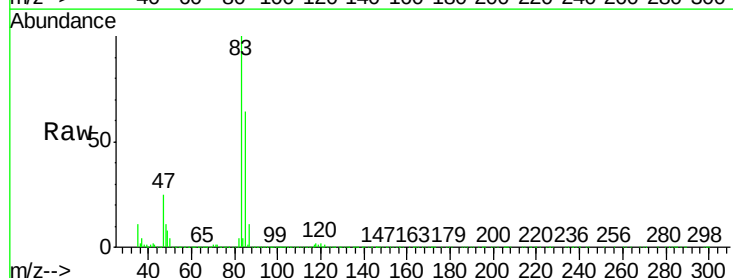
Manual Integrations
APPROVED

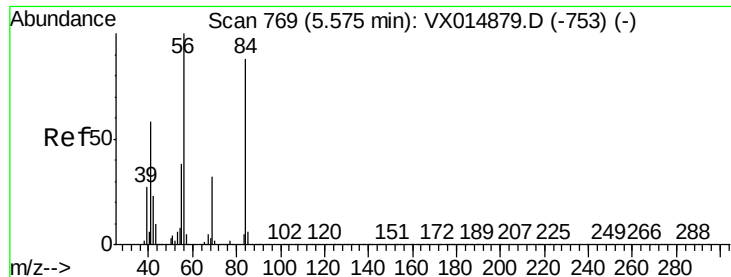
MMDadoda
2/20/2020 1:41:35 PM



#30
Chloroform
Concen: 49.368 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:	83	Resp:	384582
Ion Ratio		Lower	Upper
83	100		
85	63.4	52.9	79.3





#31

Cyclohexane

Concen: 46.381 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

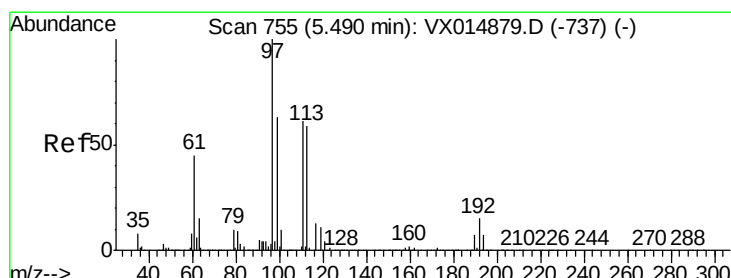
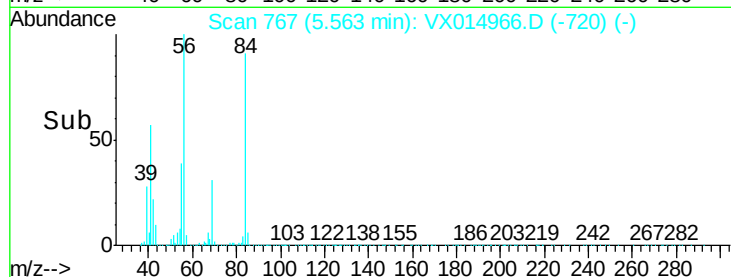
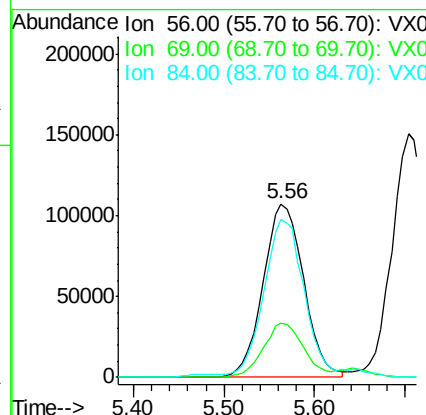
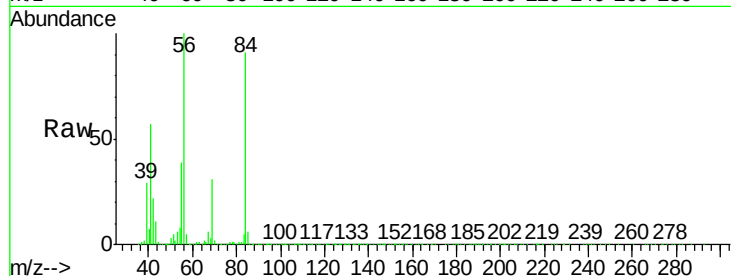
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	331694
Ion Ratio	Lower	Upper	
56	100		
69	31.5	25.9	38.9
84	89.2	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.190 ug/l

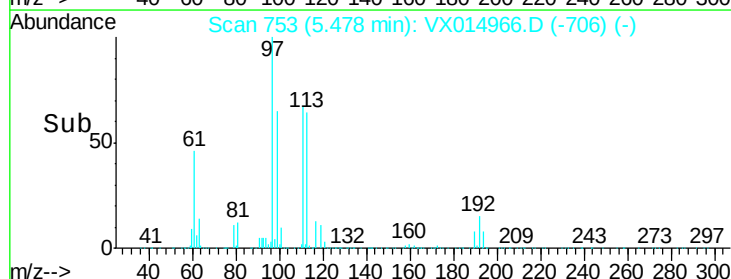
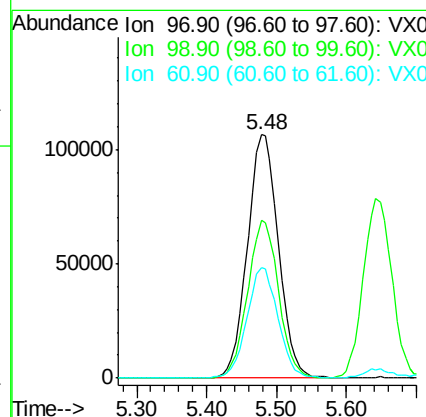
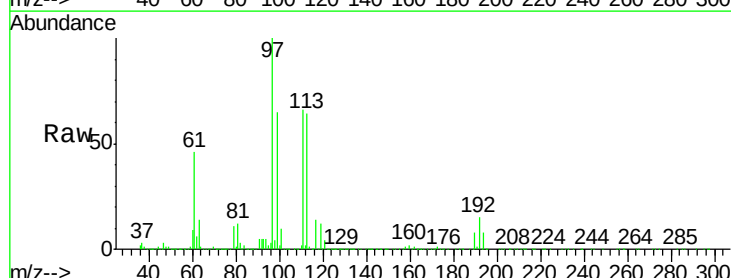
RT: 5.48 min Scan# 753

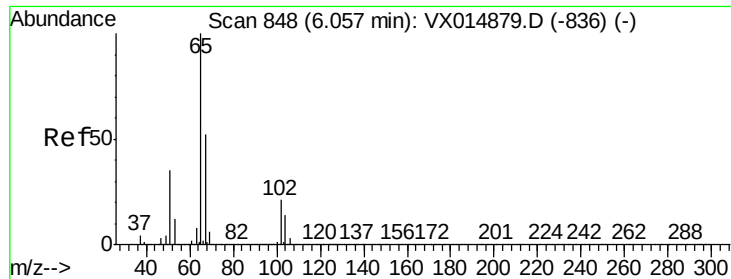
Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	97	Resp:	328384
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.0	76.6
61	44.8	36.3	54.5





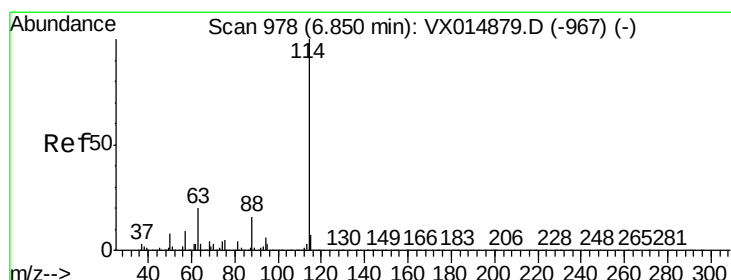
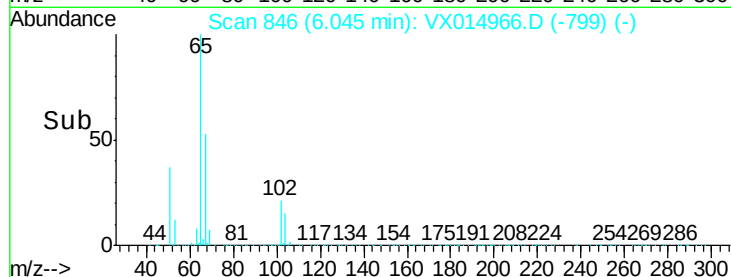
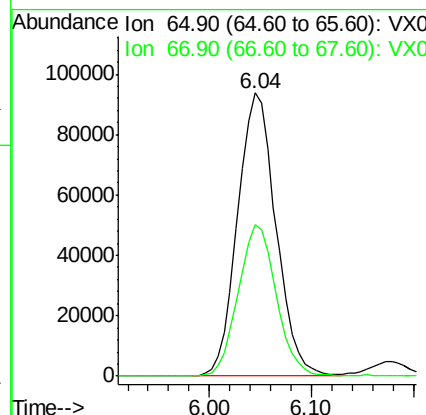
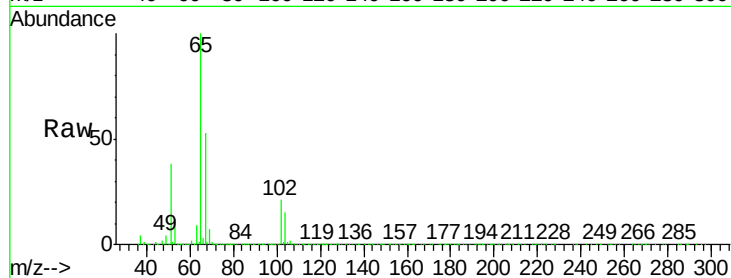
#33
 1,2-Dichloroethane-d4
 Concen: 48.191 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243779		
67	53.0	0.0	103.0	

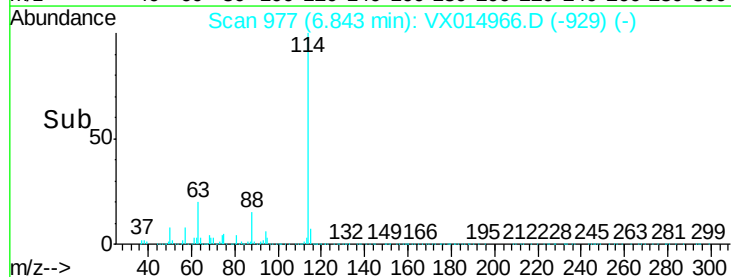
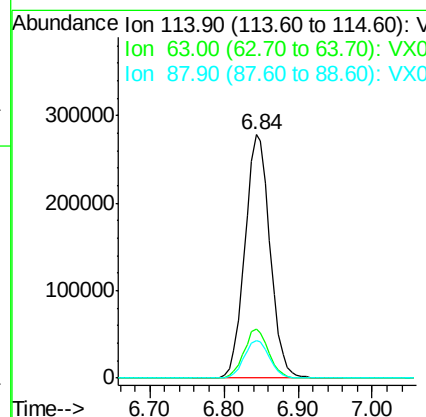
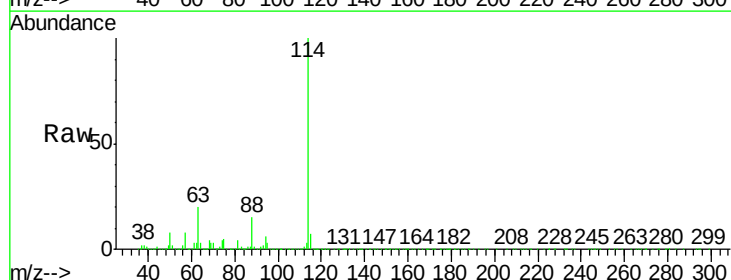
Manual Integrations
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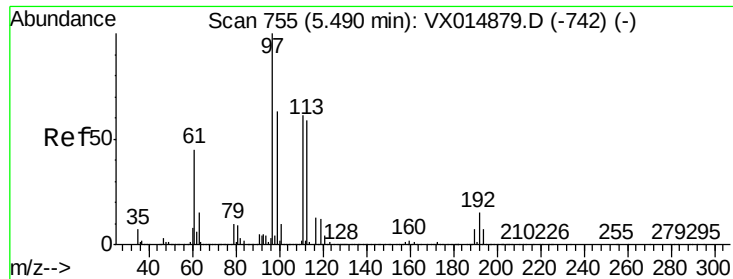
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	657129		
63	20.2	0.0	39.2	
88	15.4	0.0	32.0	





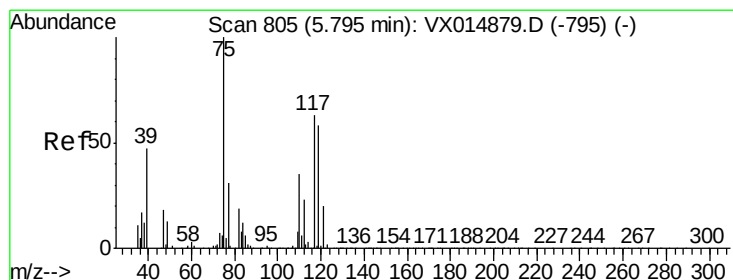
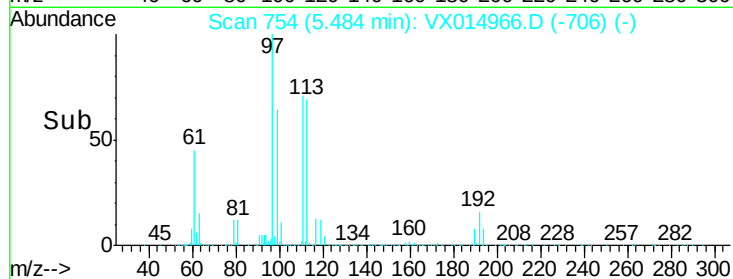
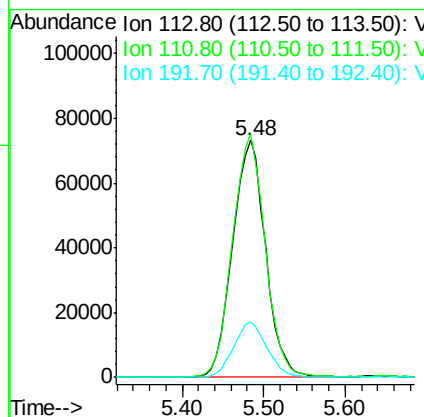
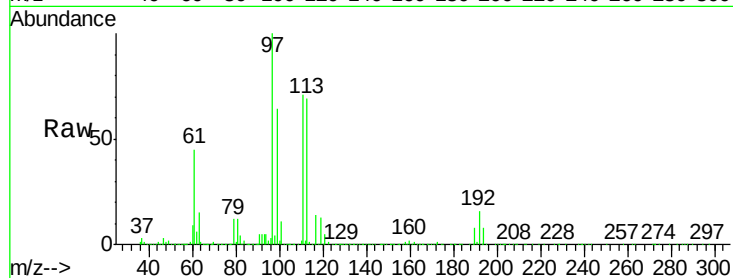
#35
Dibromofluoromethane
Concen: 50.765 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205084		
111	100.7	82.4	123.6	
192	23.8	19.1	28.7	

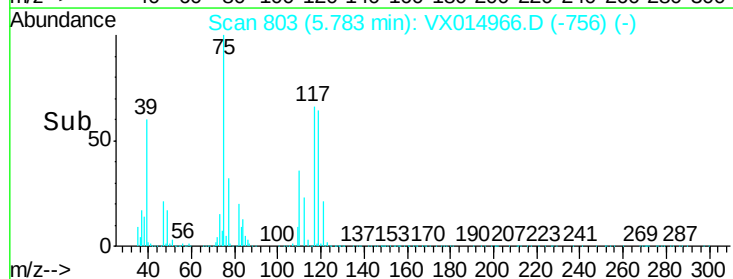
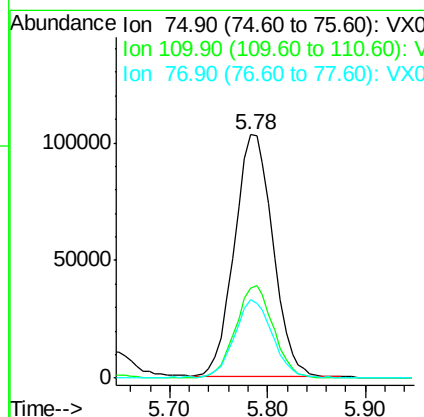
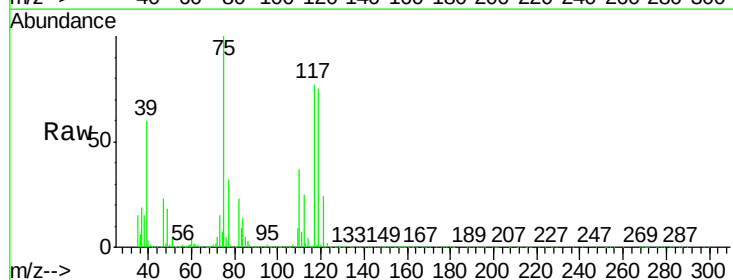
Manual Integrations
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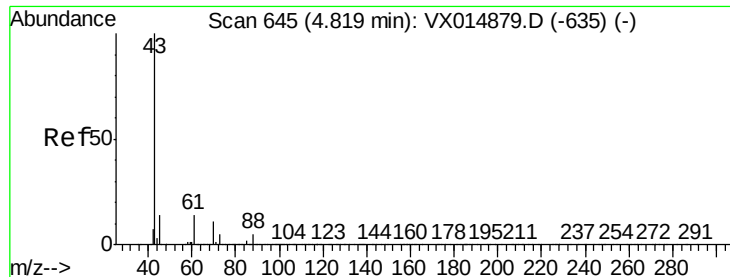
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#36
1,1-Dichloropropene
Concen: 48.003 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	282171		
110	37.7	18.3	54.8	
77	31.7	24.6	36.8	





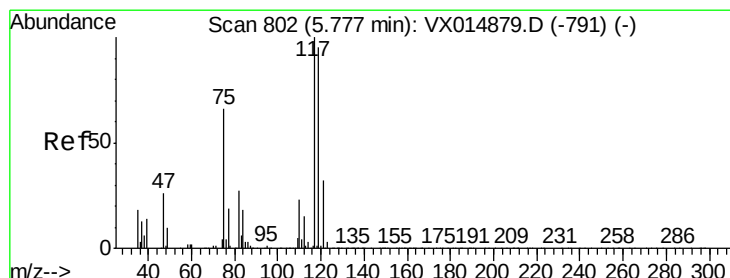
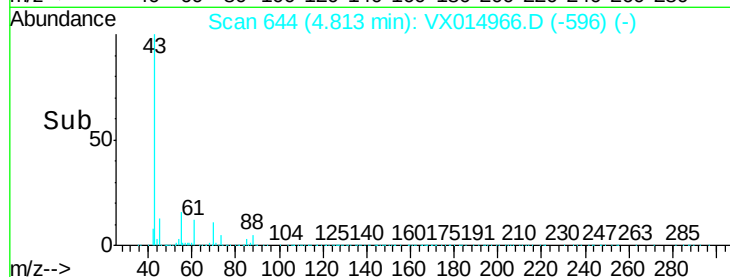
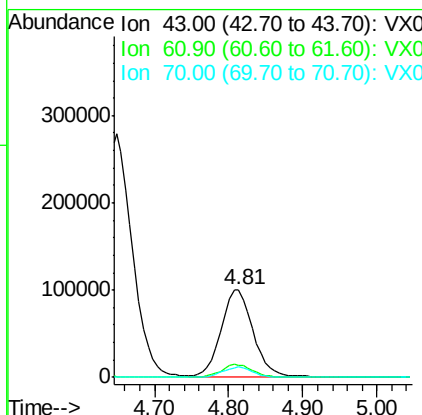
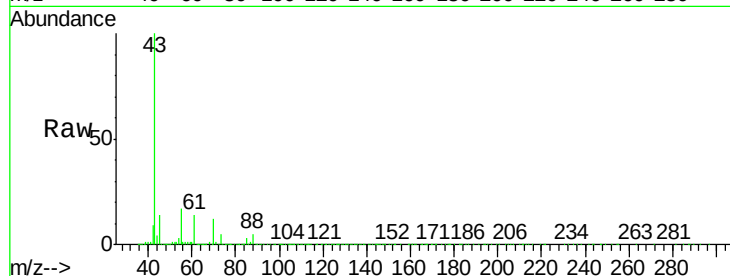
#37
Ethyl Acetate
Concen: 48.602 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	297972
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.9	16.3
70	11.1	8.7	13.1

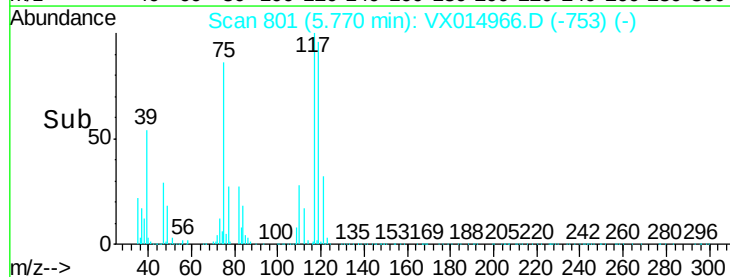
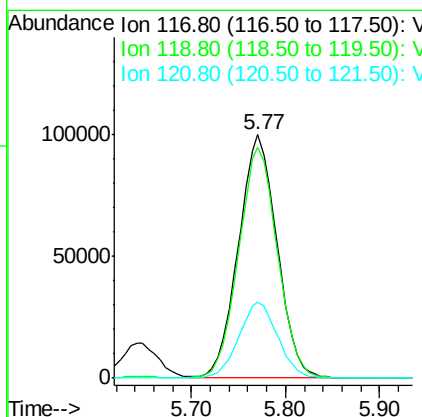
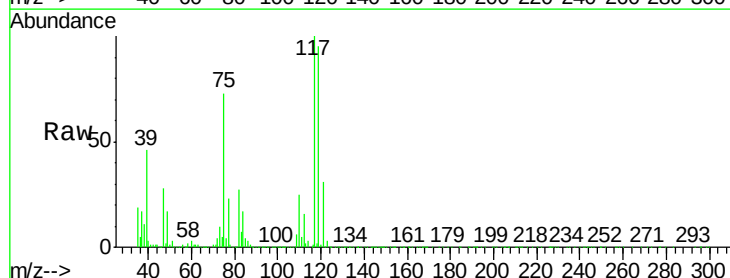
Manual Integrations
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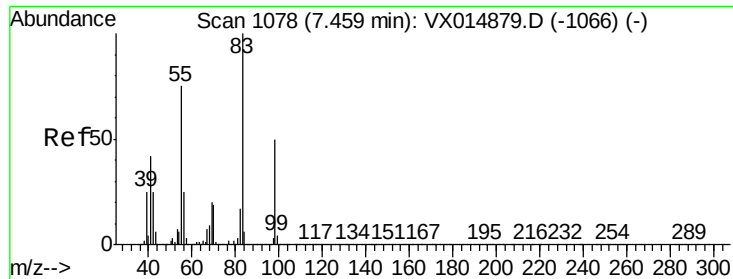
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#38
Carbon Tetrachloride
Concen: 49.665 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	117	Resp	284506
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.0	114.0
121	31.1	25.4	38.2





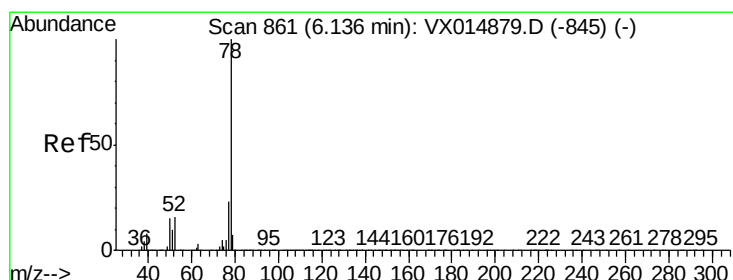
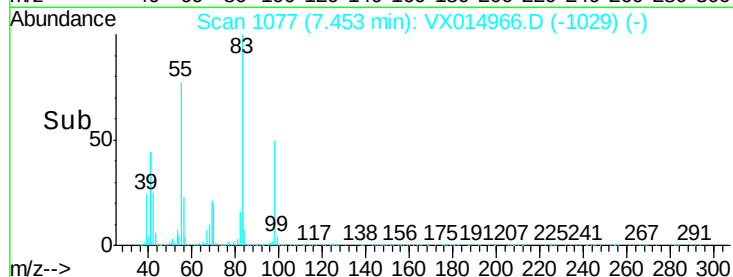
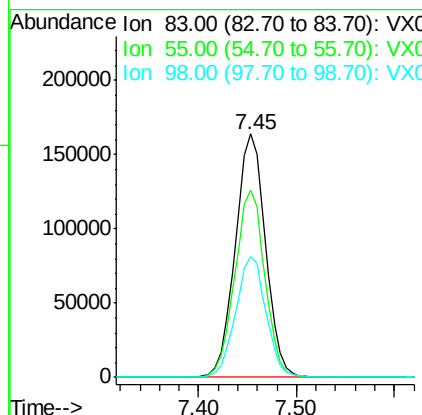
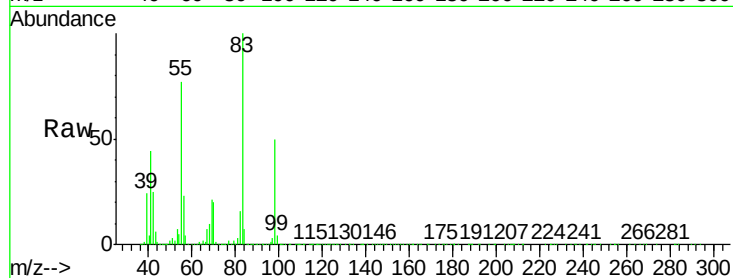
#39
Methylvlcyclohexane
Concen: 47.791 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.0	90.0
98	49.5	39.6	59.4

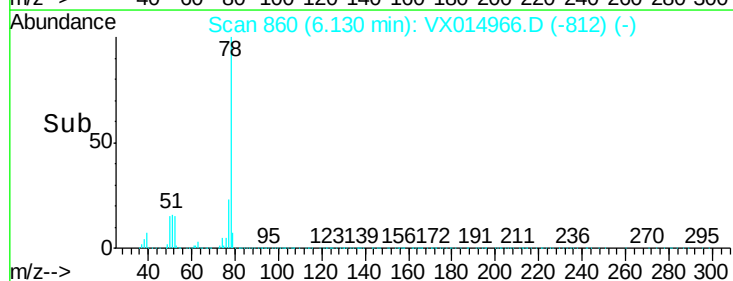
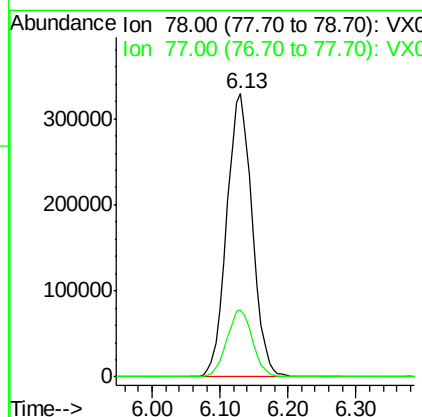
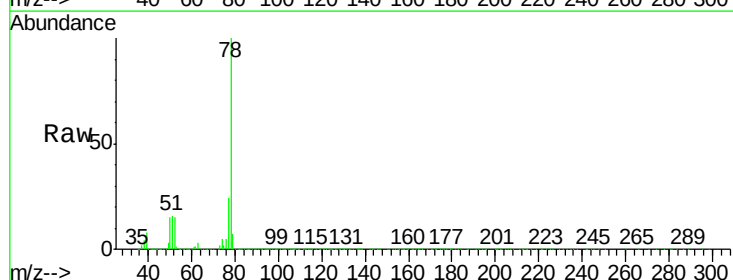
Manual Integrations
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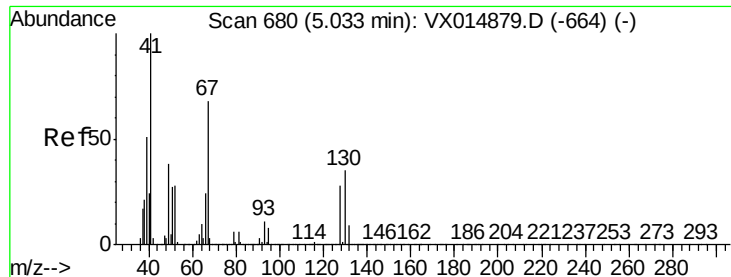
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#40
Benzene
Concen: 48.639 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 51.234 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

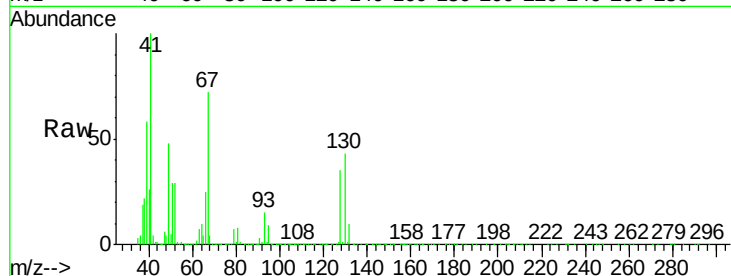
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	44.7	67.1	
67	72.4	56.6	84.8	
52	29.3	22.3	33.5	

Manual Integrations
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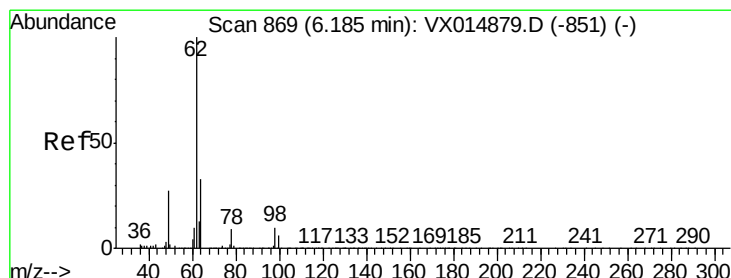
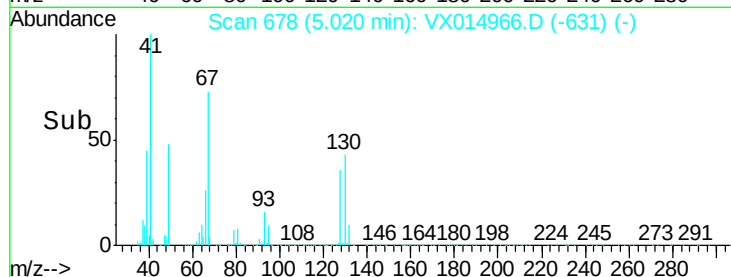
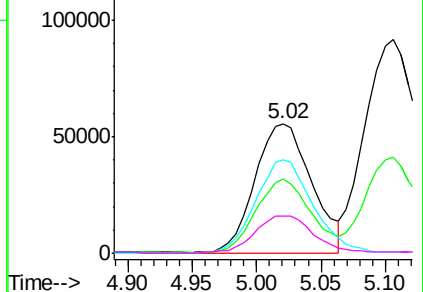


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.927 ug/l

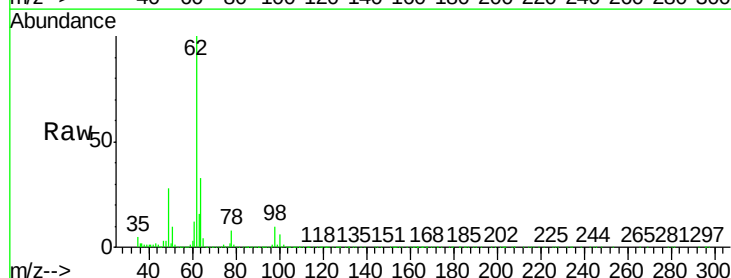
RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014966.D

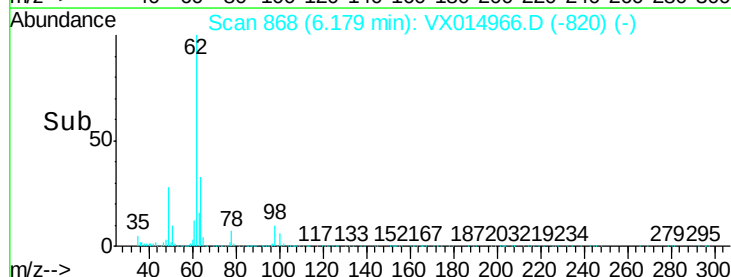
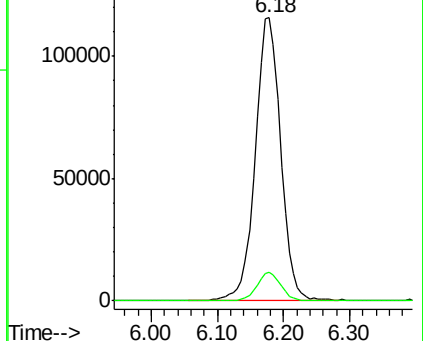
Acq: 19 Feb 2020 16:49

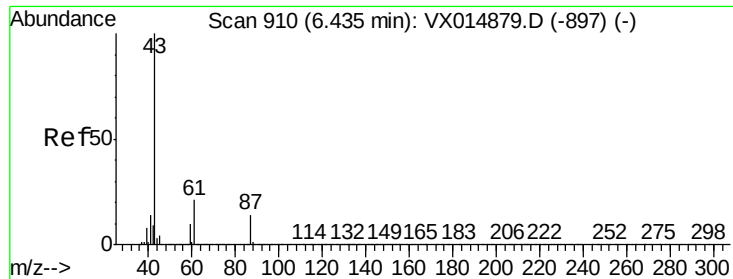
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	19.2	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





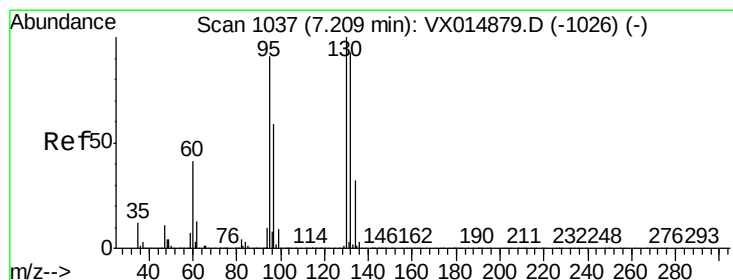
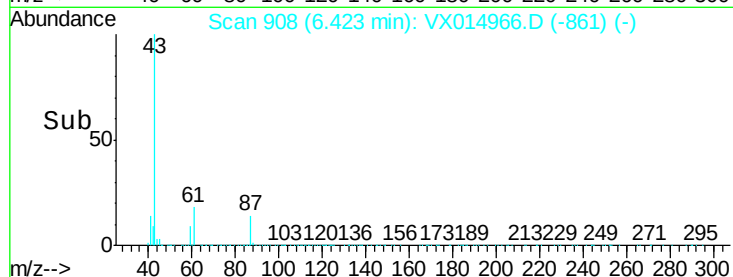
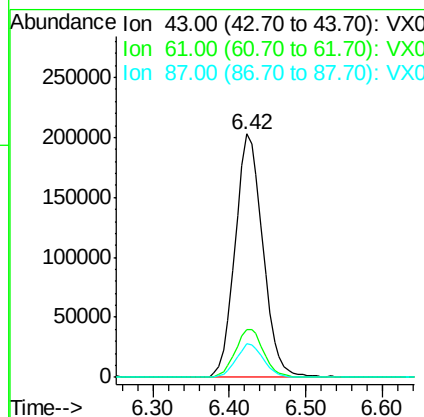
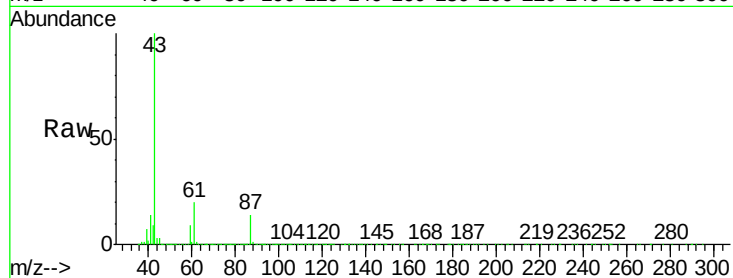
#43
Isopropyl Acetate
Concen: 50.153 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	507231
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.2	24.4
87	13.5	11.0	16.6

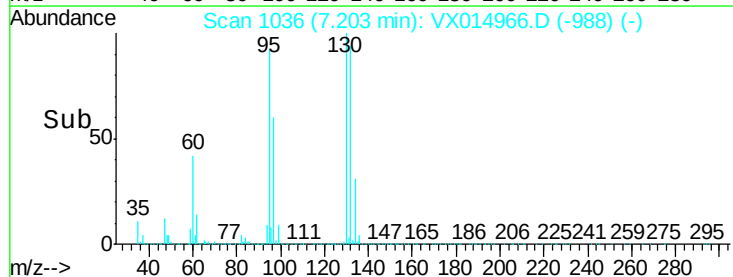
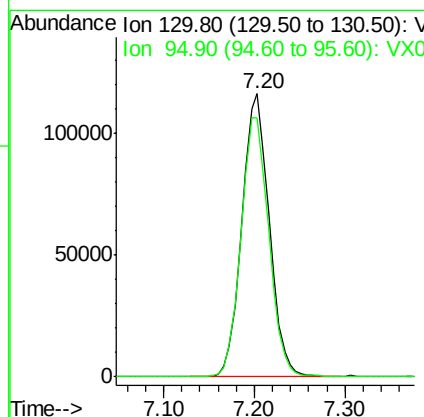
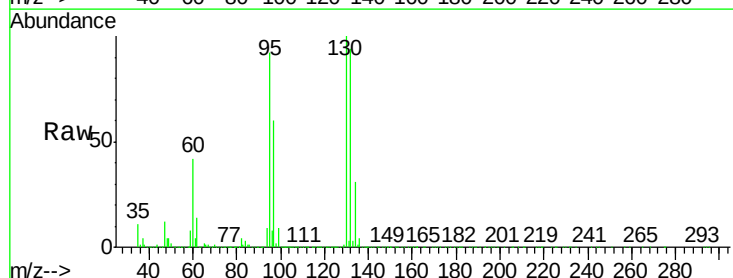
Manual Integrations
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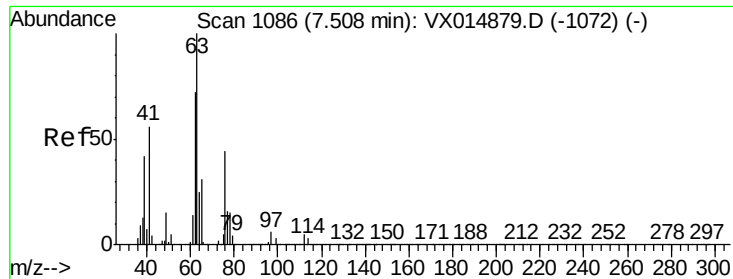
MMDadoda
2/20/2020 1:41:35 PM



#44
Trichloroethene
Concen: 47.608 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:	130	Resp:	242732
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	182.6





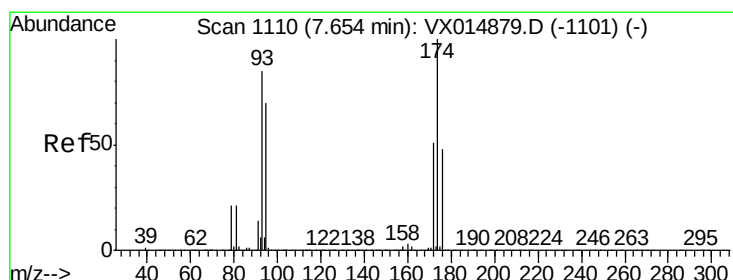
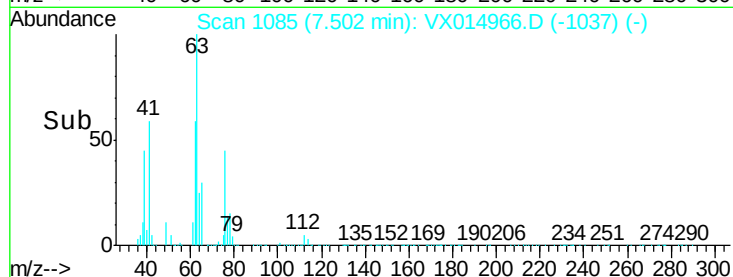
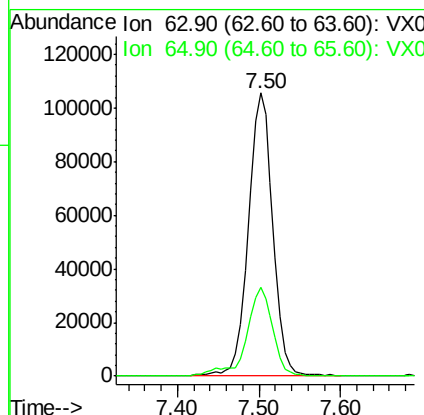
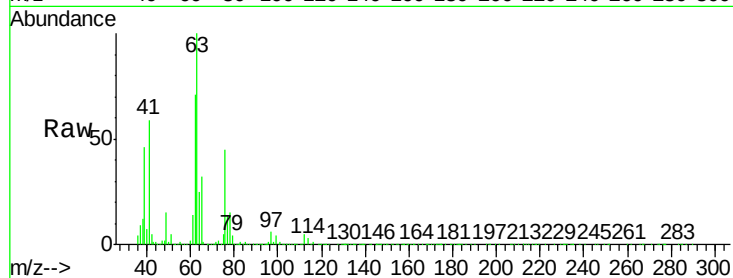
#45
 1,2-Dichloropropane
 Concen: 48.999 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

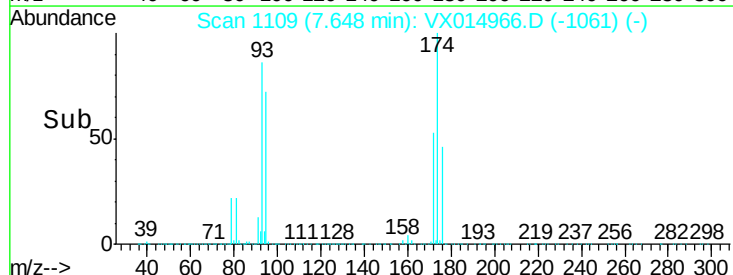
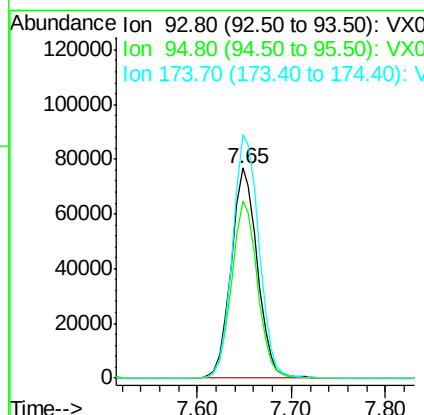
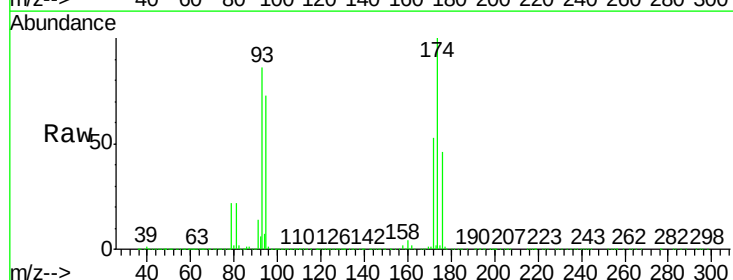
Manual Integrations
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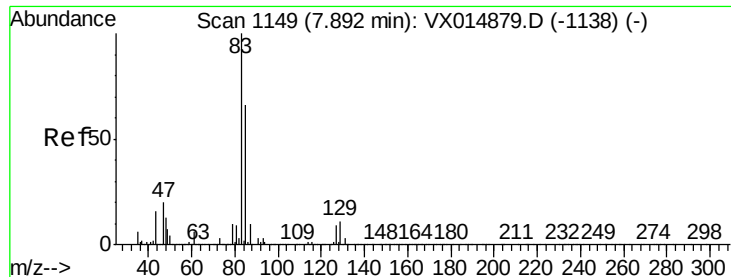
MMDadoda
 2/20/2020 1:41:35 PM



#46
 Dibromomethane
 Concen: 48.148 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.8	98.8
174	117.7	95.4	143.2





#47

Bromodichloromethane

Concen: 49.583 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

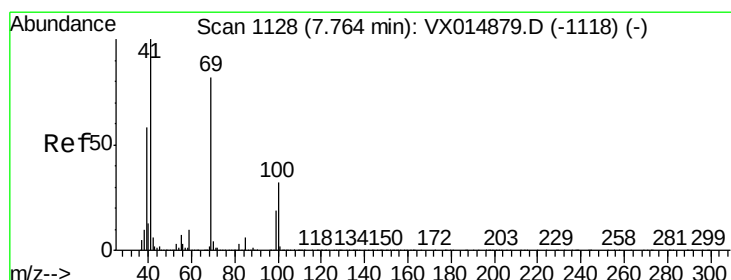
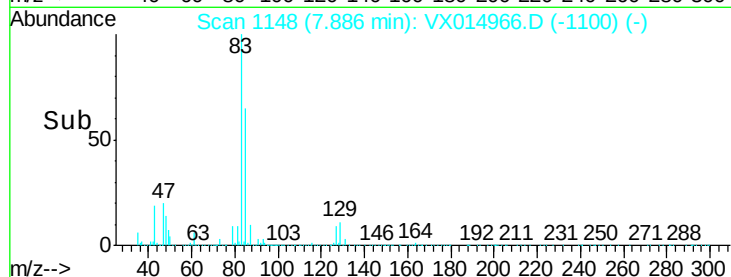
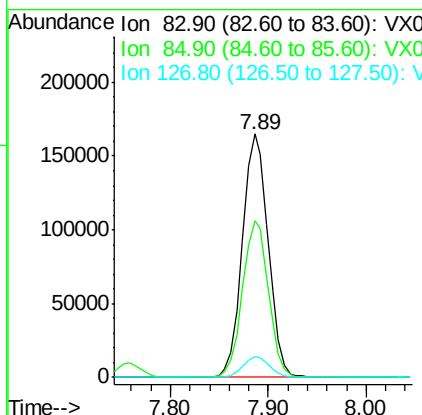
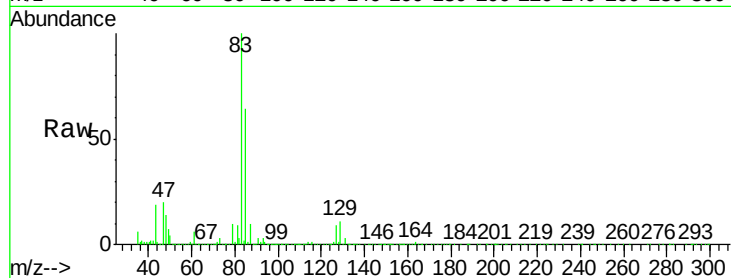
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	301003
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.5	78.7
127	8.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.432 ug/l

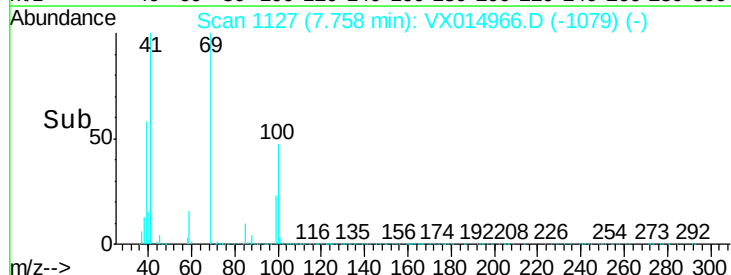
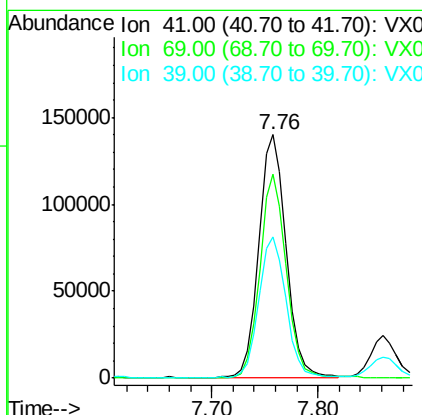
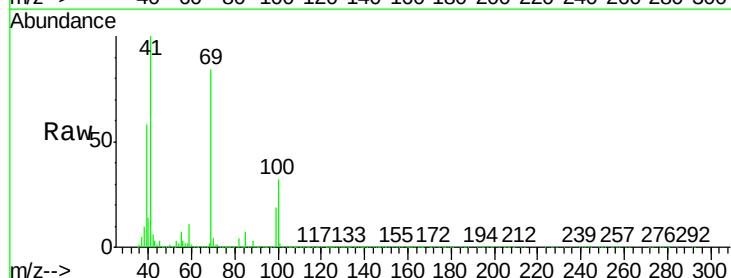
RT: 7.76 min Scan# 1127

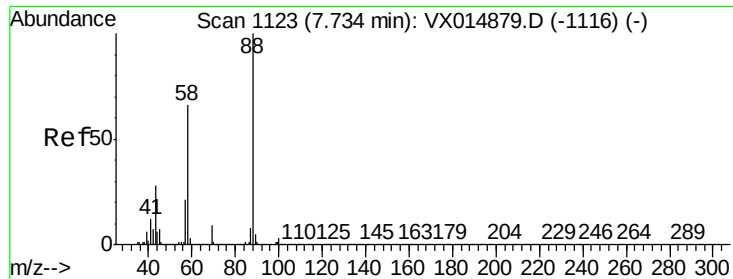
Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion	41	Resp	251014
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.7	98.5
39	58.2	45.8	68.8





#49

1,4-Dioxane

Concen: 950.960 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

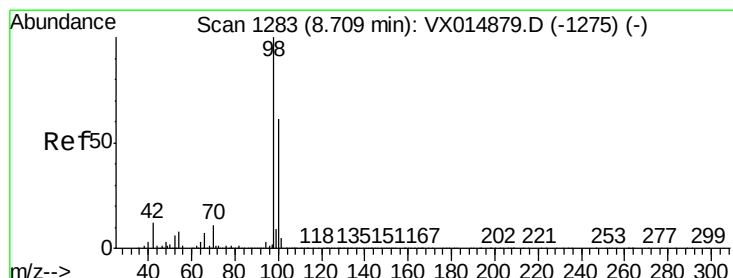
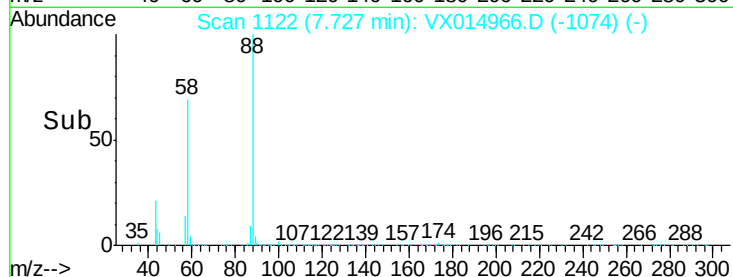
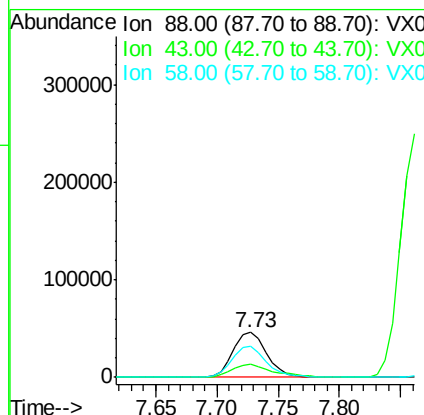
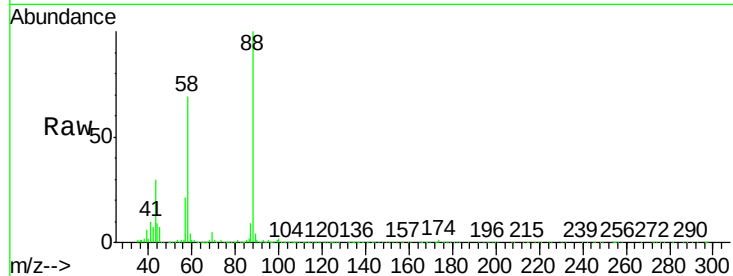
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	88496
Ion Ratio	Lower	Upper	
88	100		
43	34.5	27.0	40.4
58	72.0	53.2	79.8

Manual Integrations
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#50

Toluene-d8

Concen: 49.337 ug/l

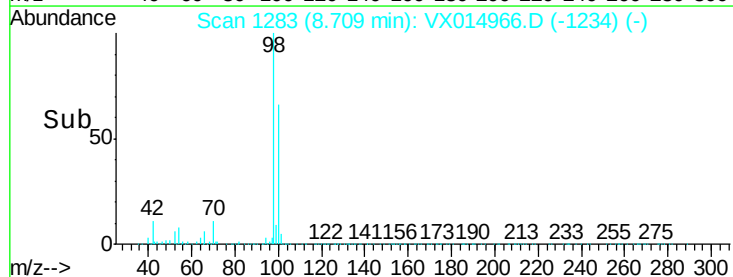
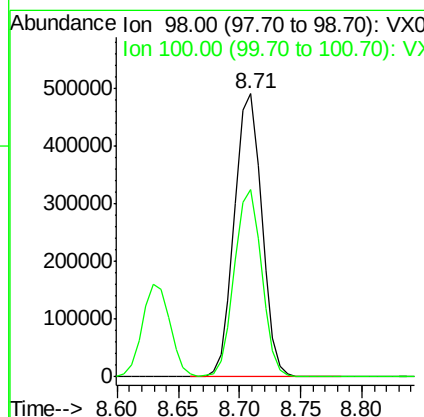
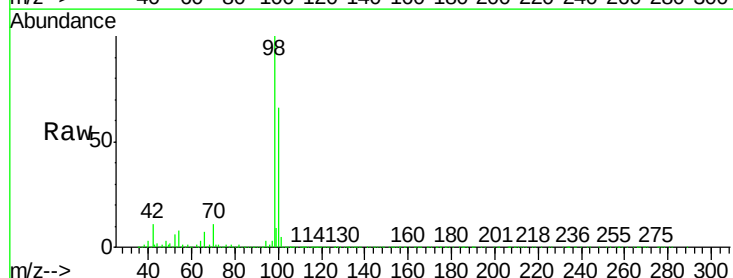
RT: 8.71 min Scan# 1283

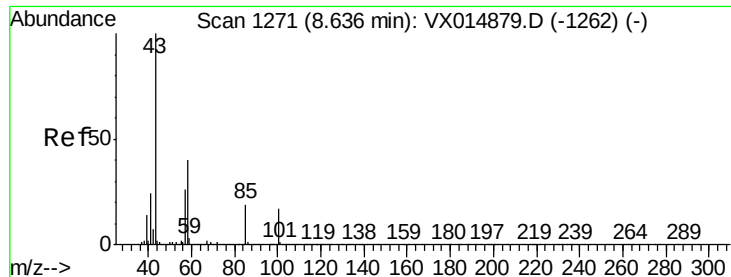
Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	98	Resp:	760803
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.4	78.6





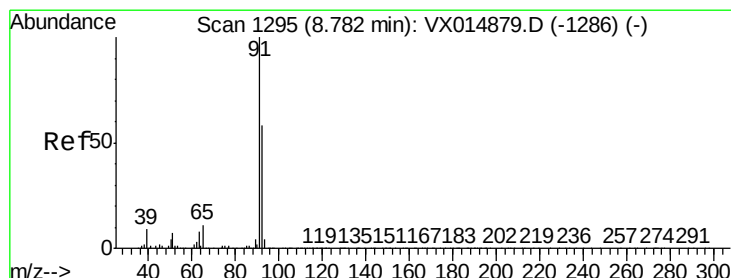
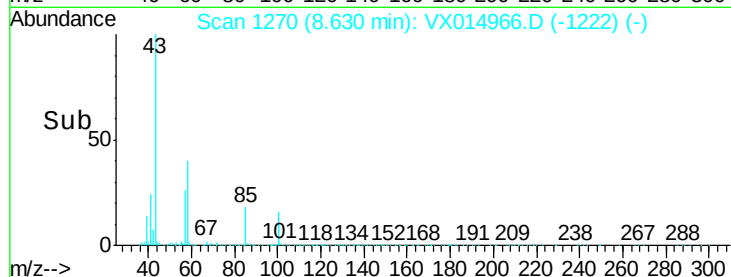
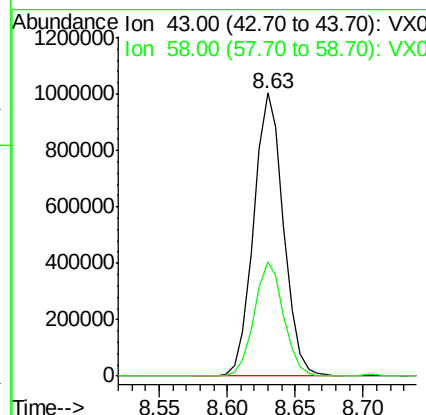
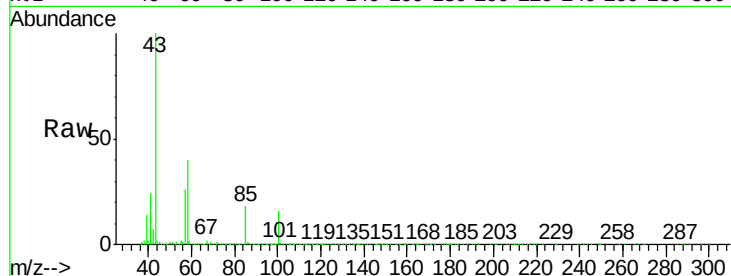
#51
4-Methyl-2-Pentanone
Concen: 252.800 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1543816
Ion Ratio Lower Upper
43 100
58 39.8 31.9 47.9

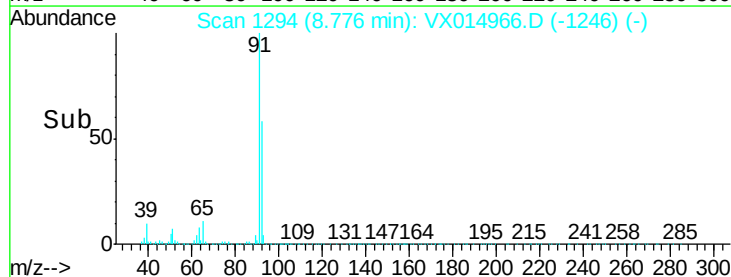
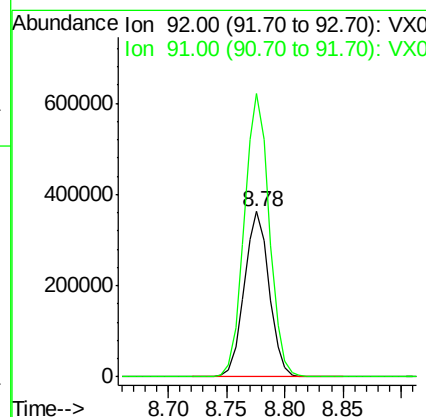
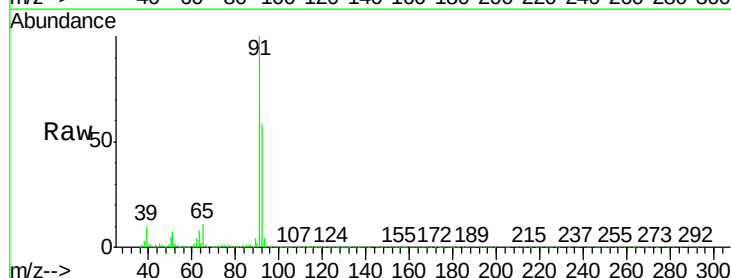
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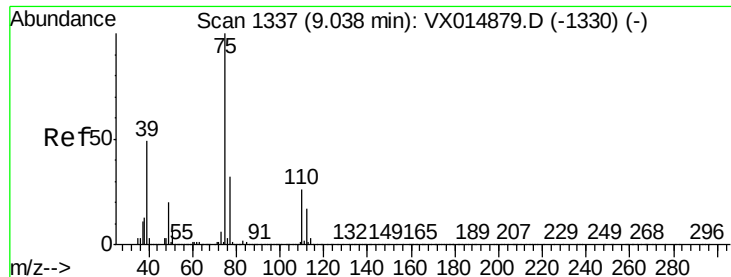
MMDadoda
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#52
Toluene
Concen: 48.712 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 92 Resp: 543381
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.4





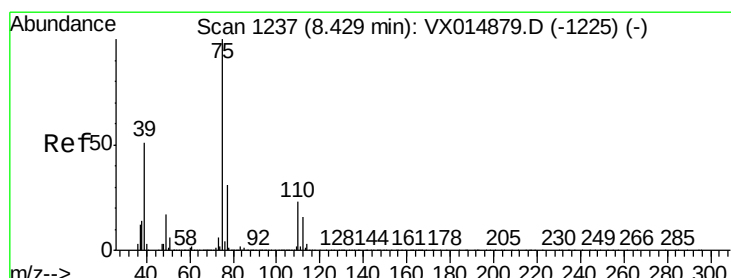
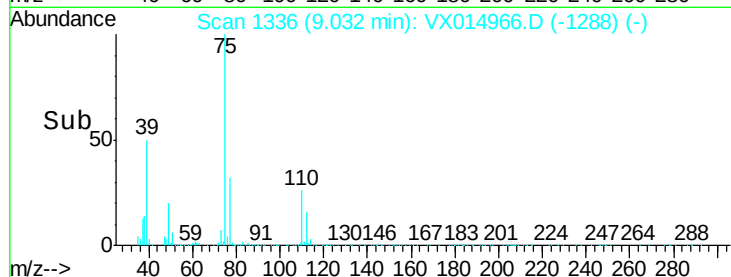
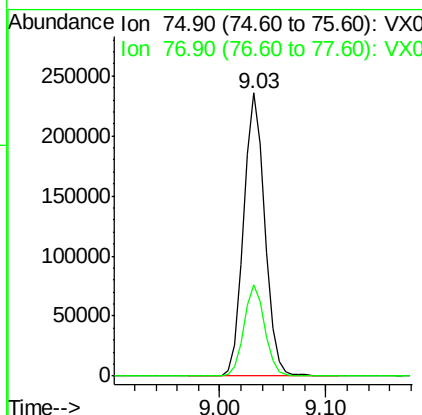
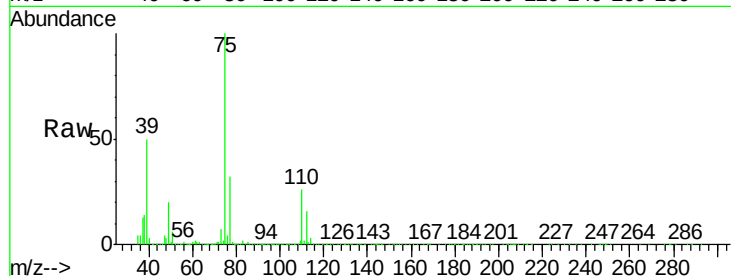
#53
t-1,3-Dichloropropene
Concen: 49.535 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3

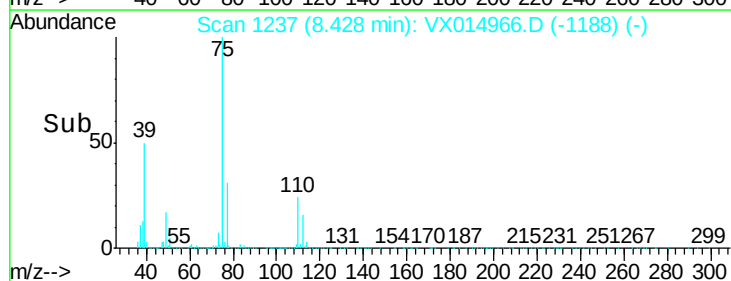
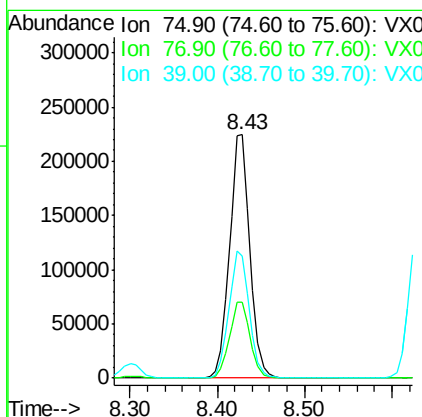
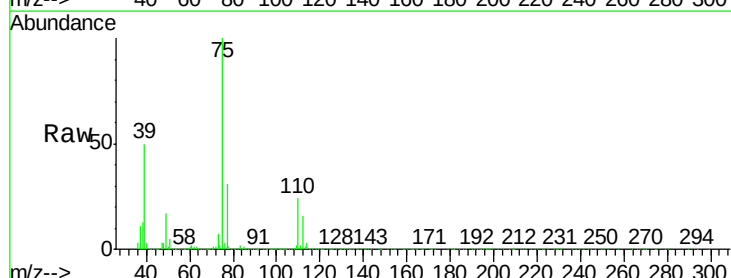
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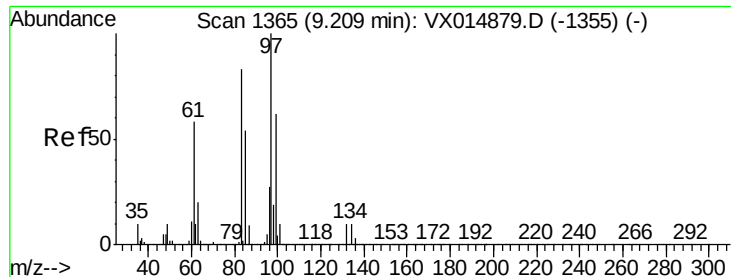
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#54
cis-1,3-Dichloropropene
Concen: 49.196 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	37.0
39	50.1	40.9	61.3





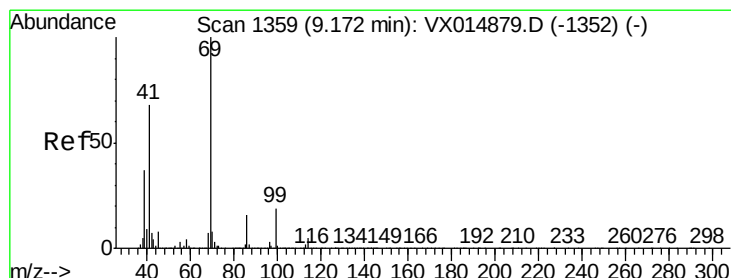
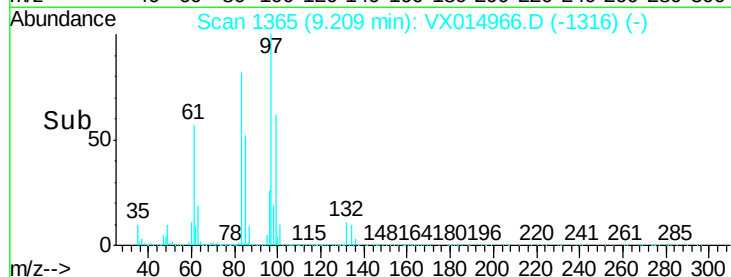
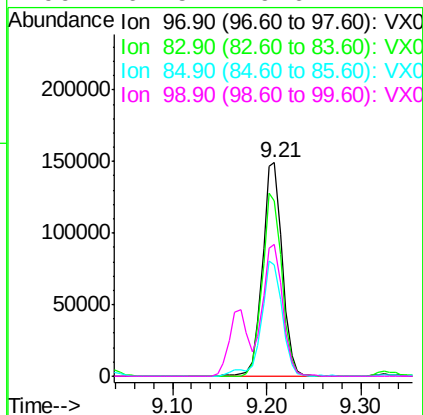
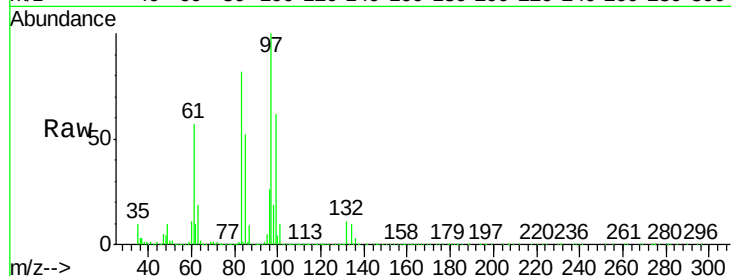
#55
 1,1,2-Trichloroethane
 Concen: 49.176 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.0	66.6	99.8
85	51.9	43.5	65.3
99	61.5	49.6	74.4

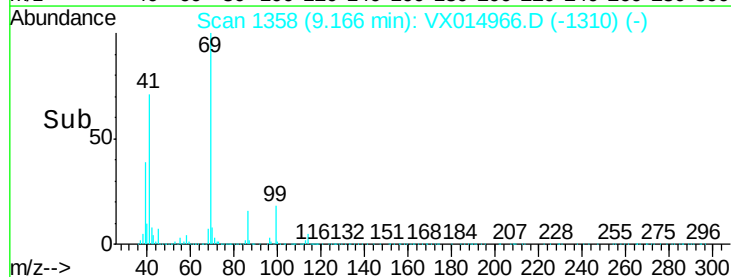
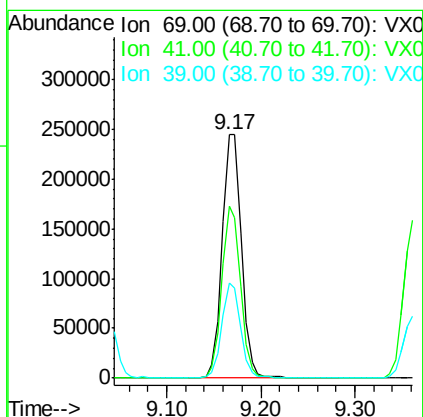
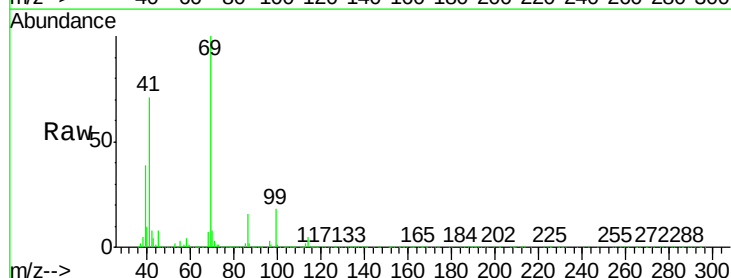
Manual Integrations
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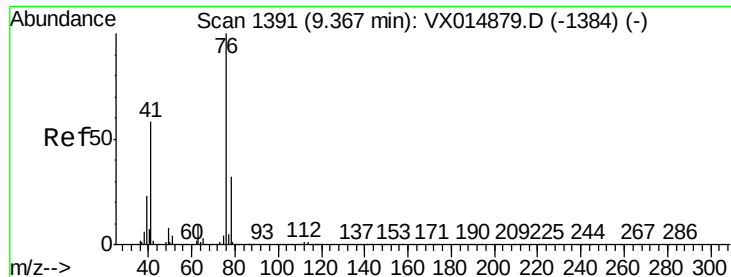
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#56
 Ethyl methacrylate
 Concen: 51.408 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.8	82.2
39	37.6	29.9	44.9





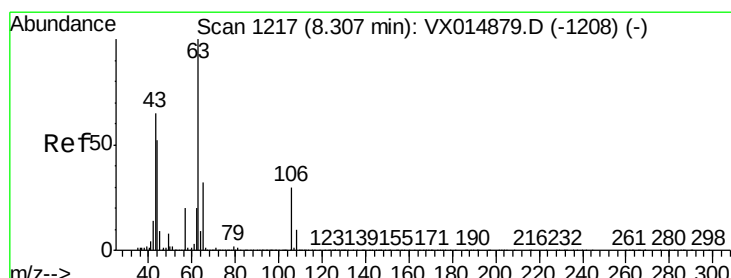
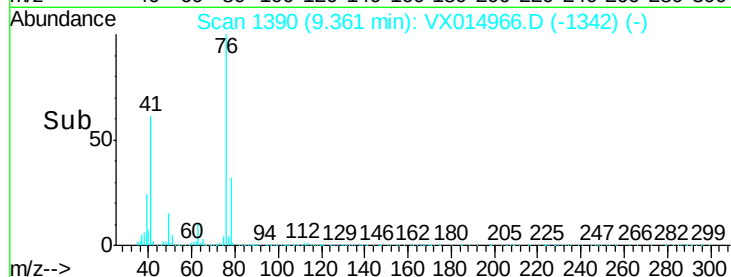
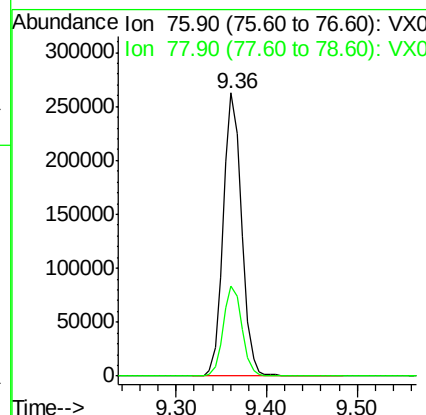
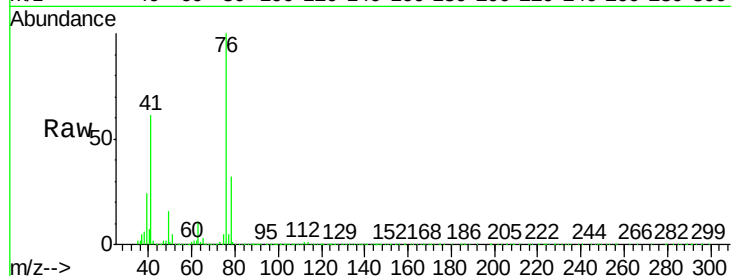
#57
 1,3-Dichloropropane
 Concen: 48.785 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 370625
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8

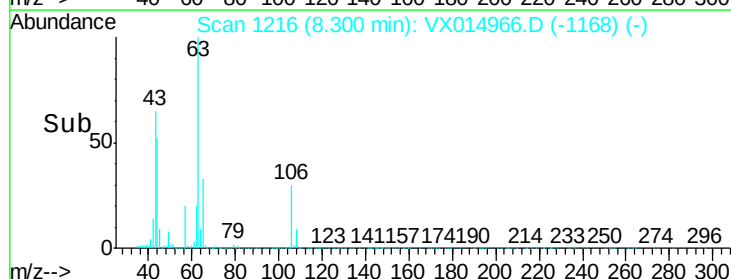
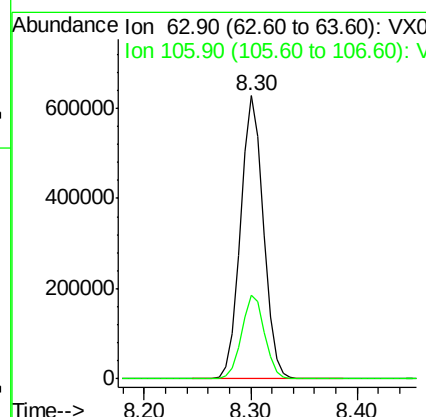
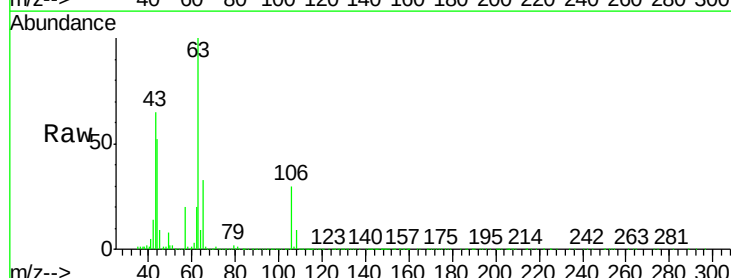
Manual Integrations
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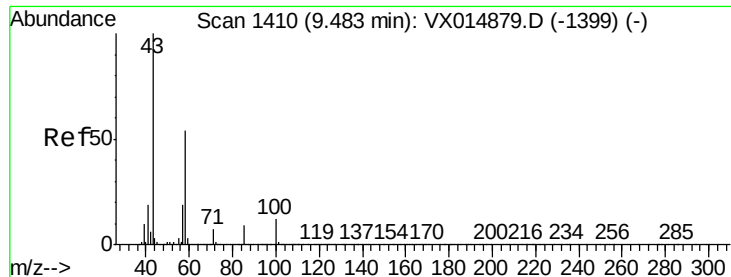
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.615 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion: 63 Resp: 949415
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





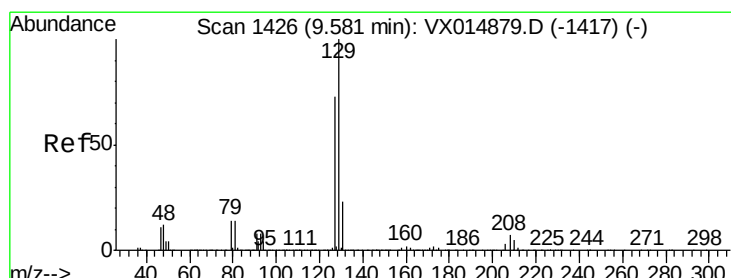
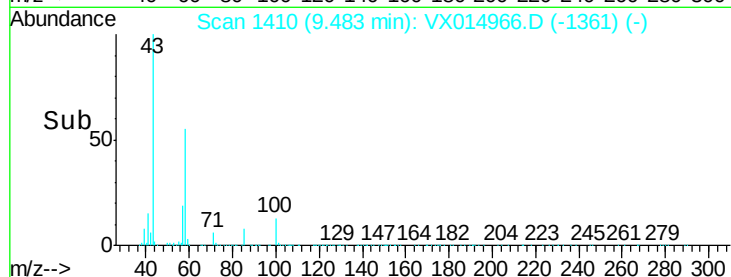
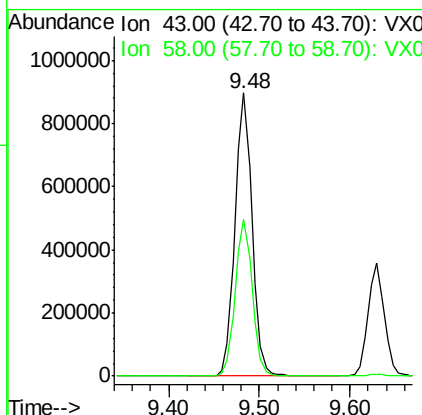
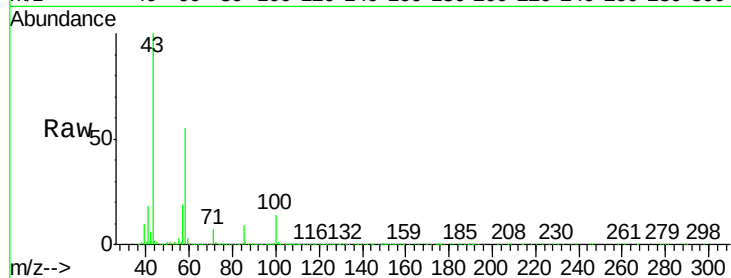
#59
2-Hexanone
Concen: 244.499 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1173616
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5

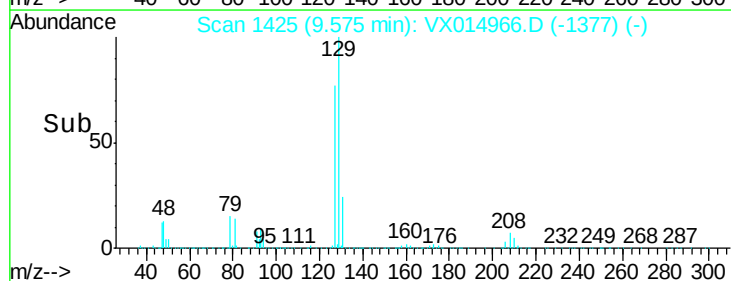
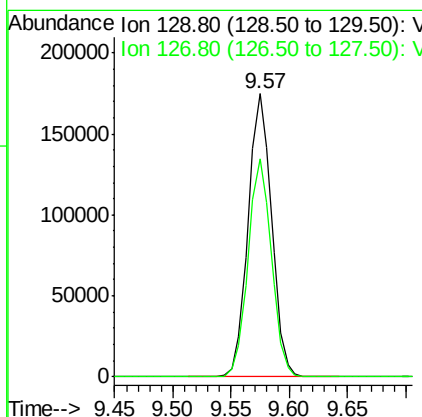
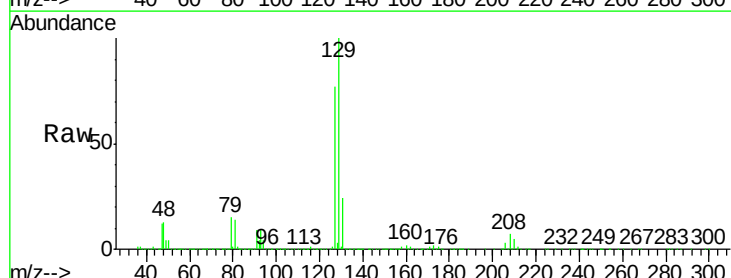
Manual Integrations
APPROVED

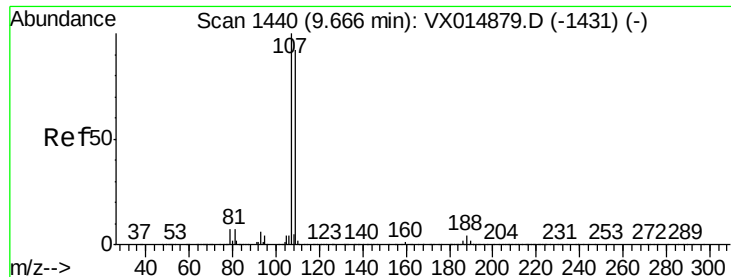
MMDadoda
2/20/2020 1:41:35 PM



#60
Dibromochloromethane
Concen: 50.980 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 129 Resp: 247601
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 47.934 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 233417

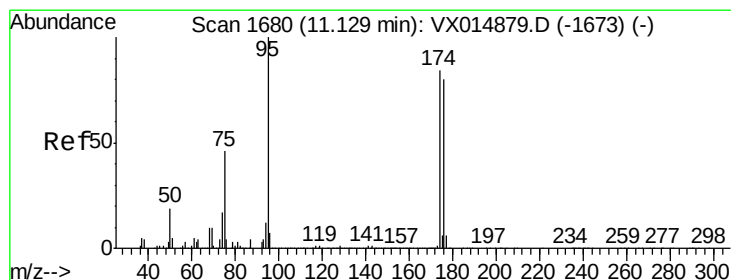
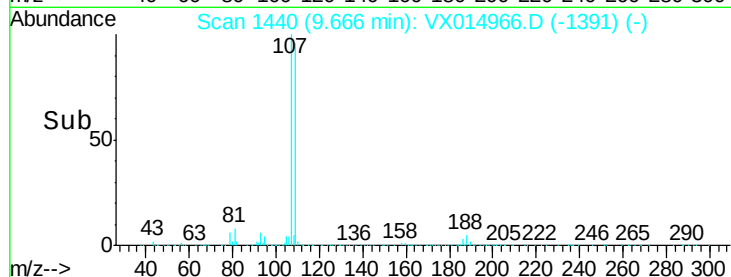
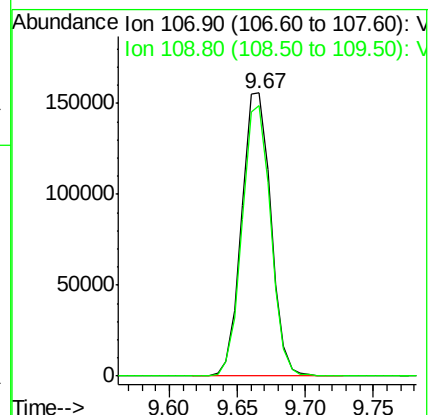
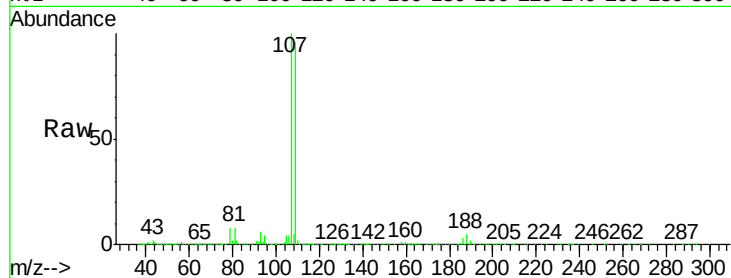
Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



#62

4-Bromofluorobenzene

Concen: 51.597 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

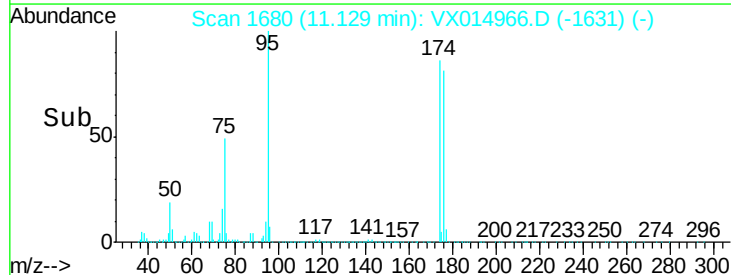
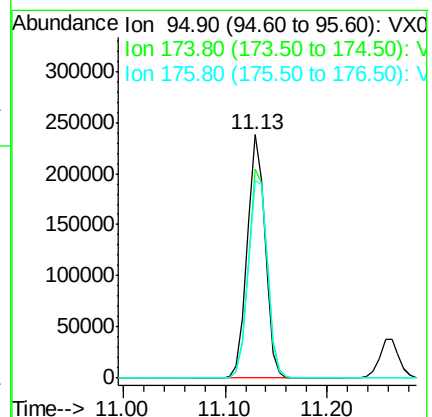
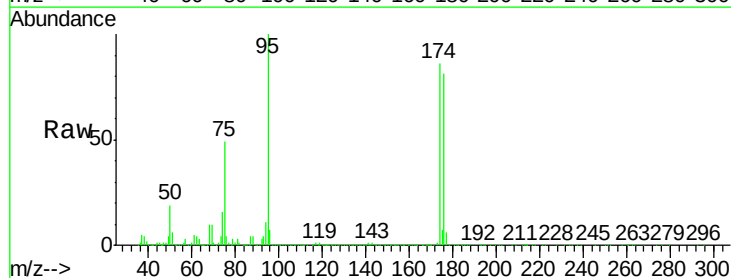
Tgt Ion: 95 Resp: 286618

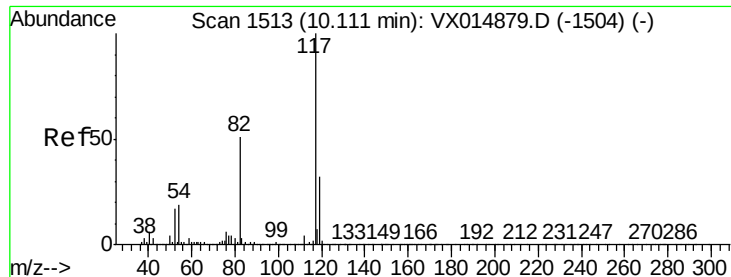
Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.0

176 87.9 0.0 178.0





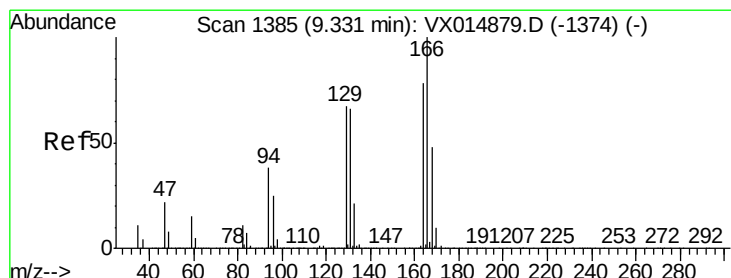
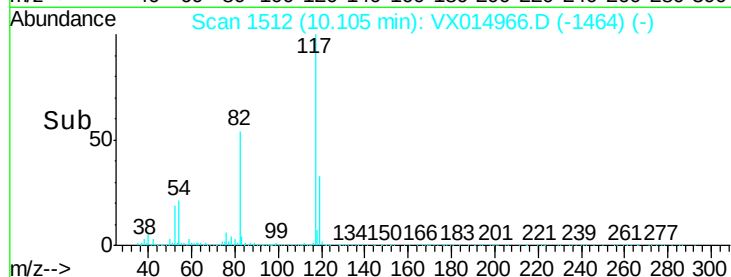
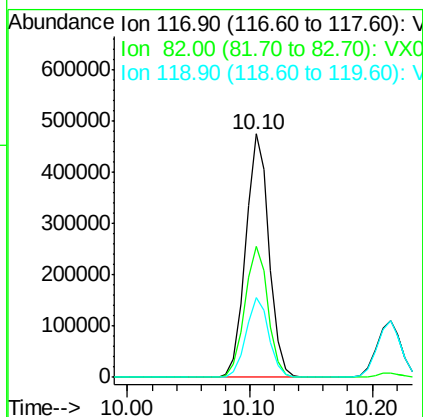
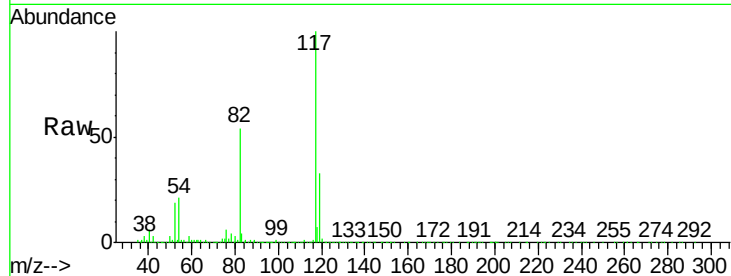
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	32.5	25.8	38.6

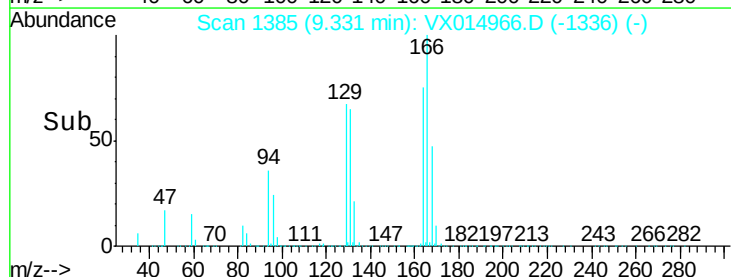
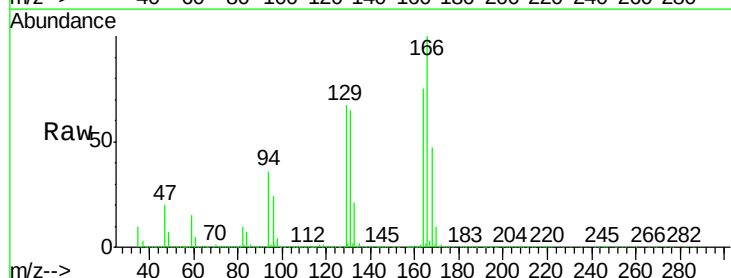
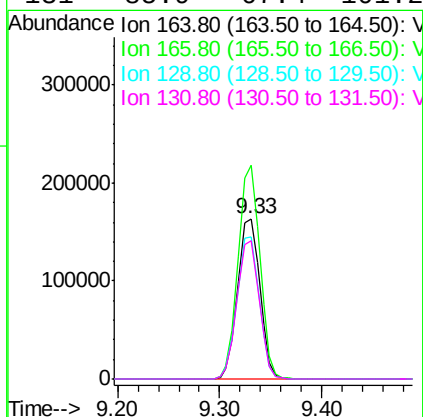
Manual Integrations
APPROVED

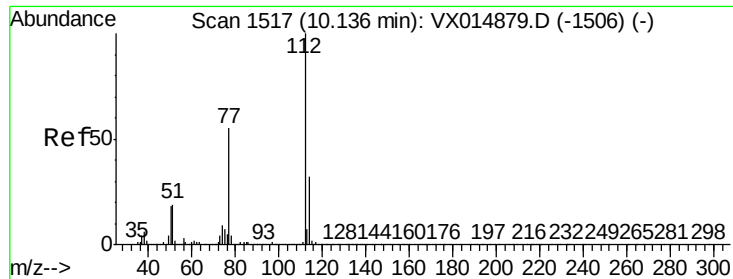
MMDadoda
2/20/2020 1:41:35 PM



#64
Tetrachloroethene
Concen: 42.447 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.6	153.8
129	88.6	68.3	102.5
131	85.9	67.4	101.2





#65

Chlorobenzene

Concen: 47.781 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 603493

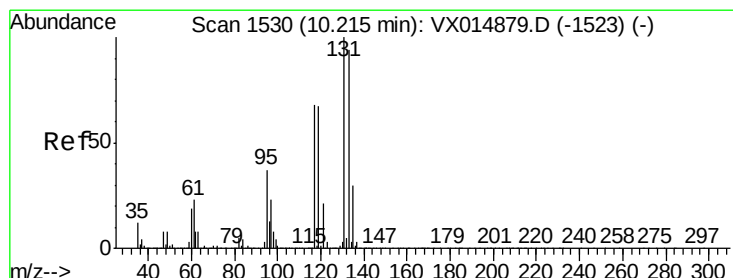
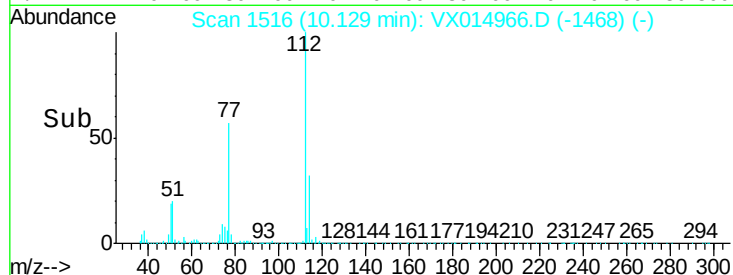
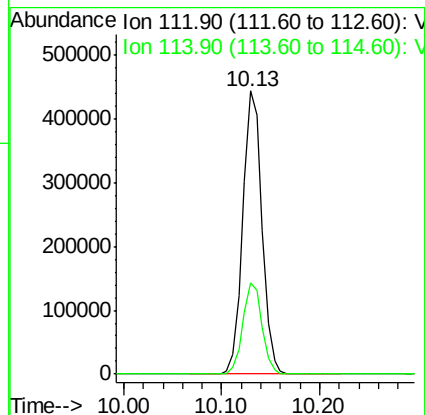
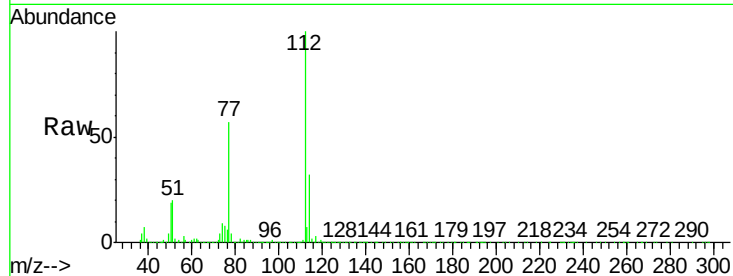
Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.708 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

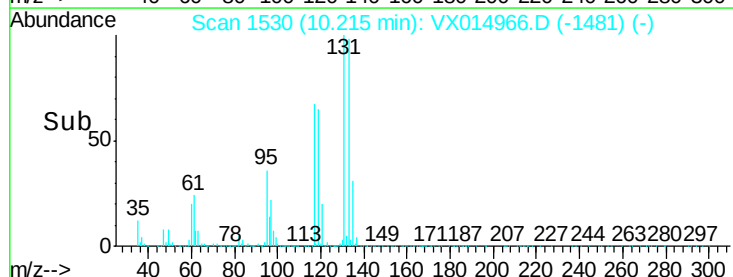
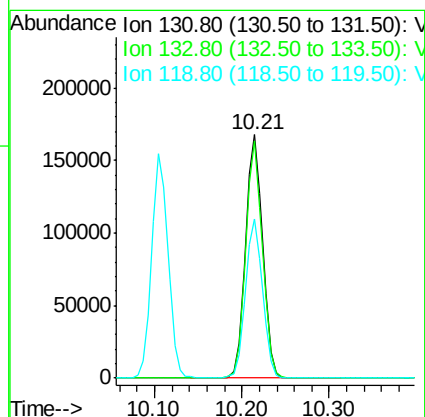
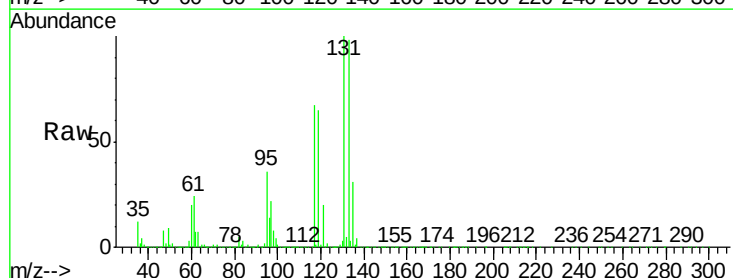
Tgt Ion:131 Resp: 227929

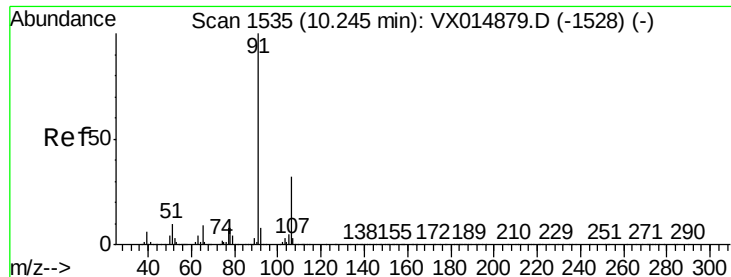
Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

119 65.4 33.0 99.0





#67

Ethyl Benzene

Concen: 49.047 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1053547

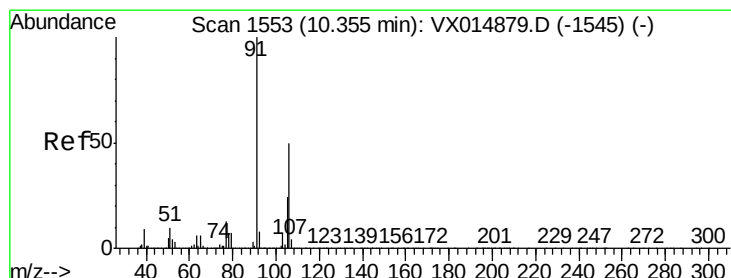
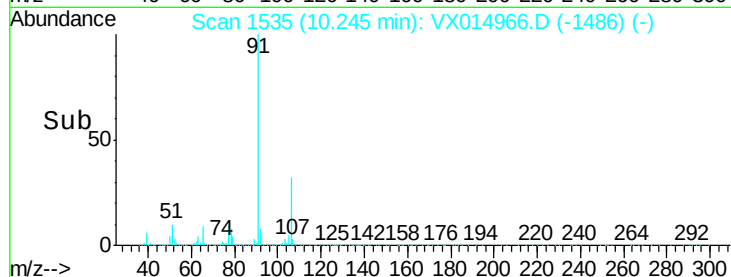
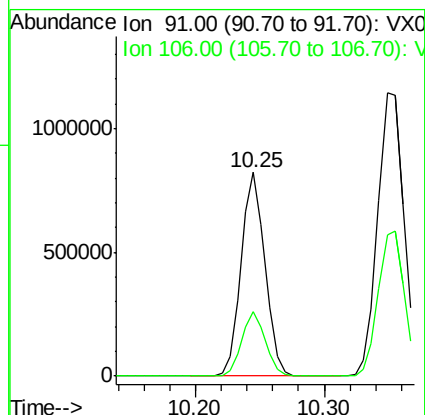
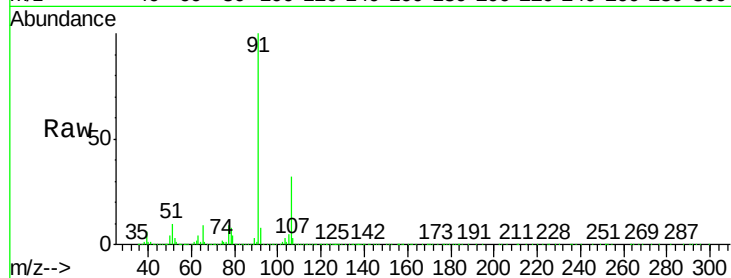
Ion Ratio Lower Upper

91 100

106 31.8 25.3 37.9

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



#68

m/p-Xylenes

Concen: 98.657 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014966.D

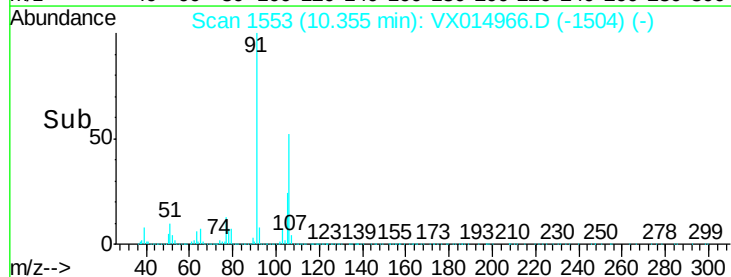
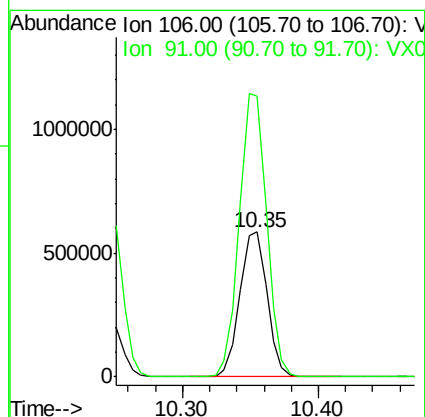
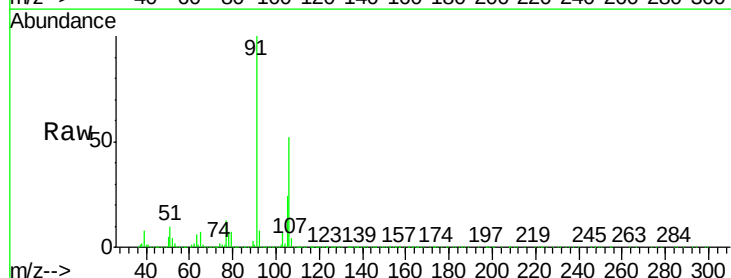
Acq: 19 Feb 2020 16:49

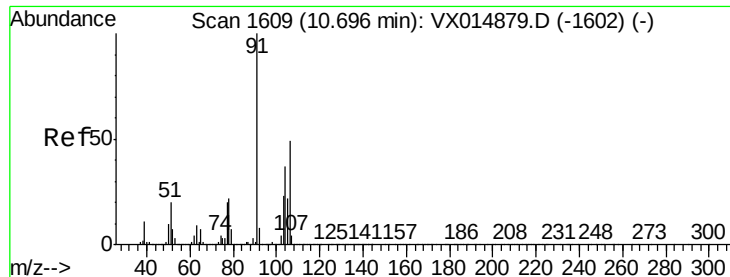
Tgt Ion: 106 Resp: 816384

Ion Ratio Lower Upper

106 100

91 196.8 160.6 240.8





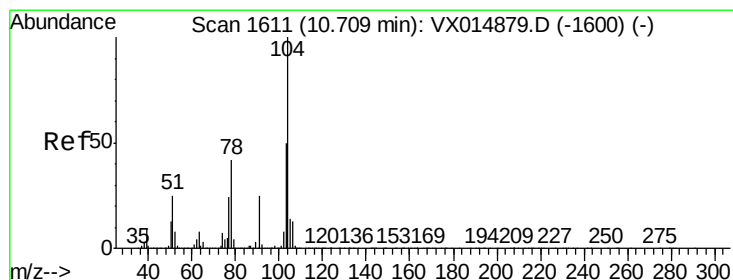
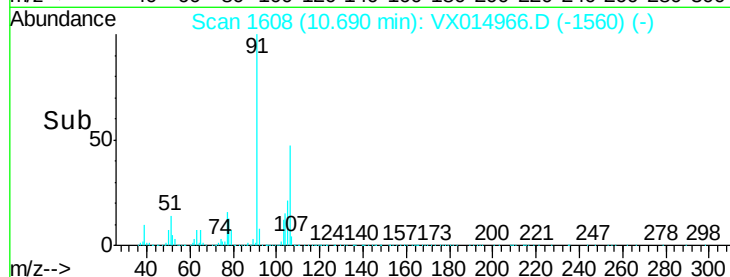
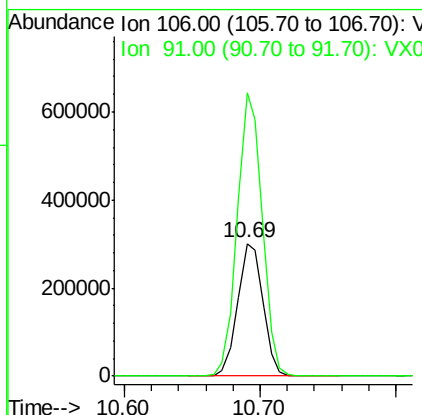
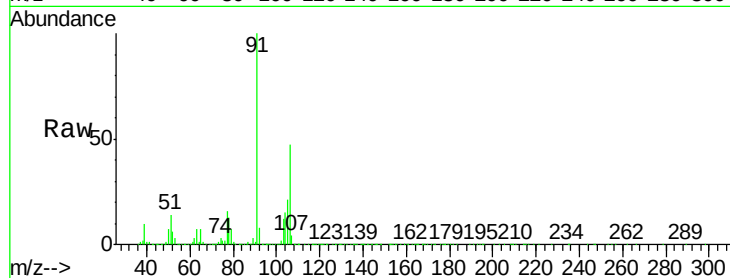
#69
o-Xylene
Concen: 48.913 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	389077		
91	210.7	105.1	315.3	

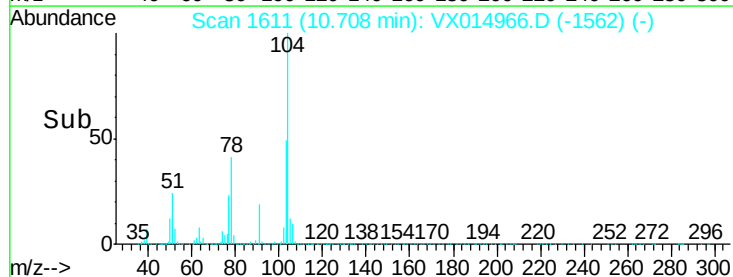
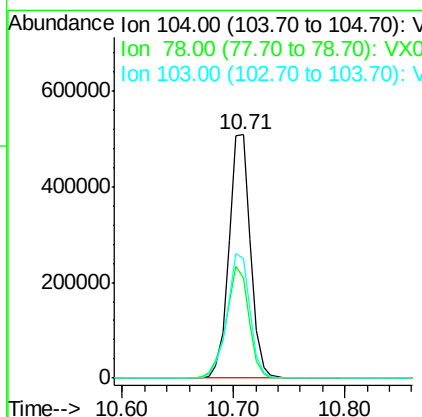
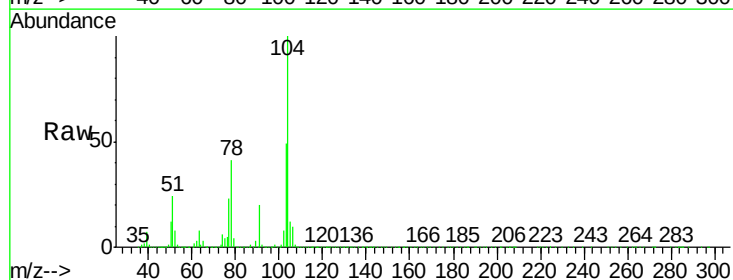
Manual Integrations
APPROVED

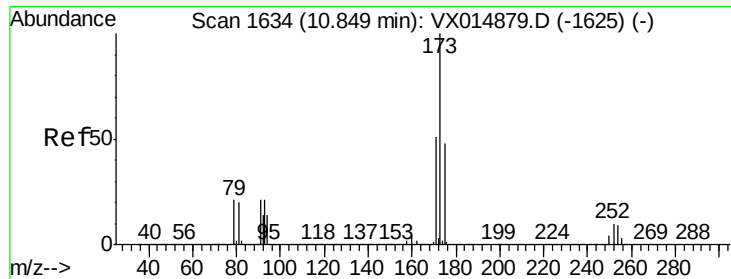
MMDadoda
2/20/2020 1:41:35 PM



#70
Styrene
Concen: 50.399 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	678210		
78	48.2	39.0	58.4	
103	54.3	43.4	65.0	





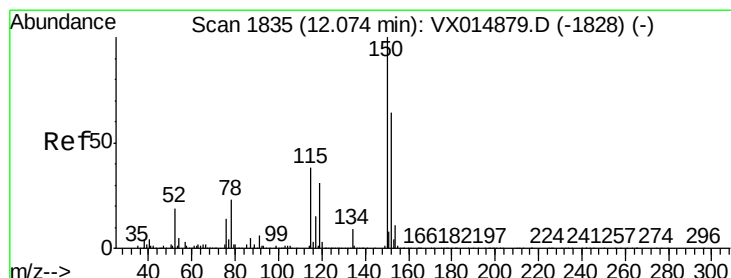
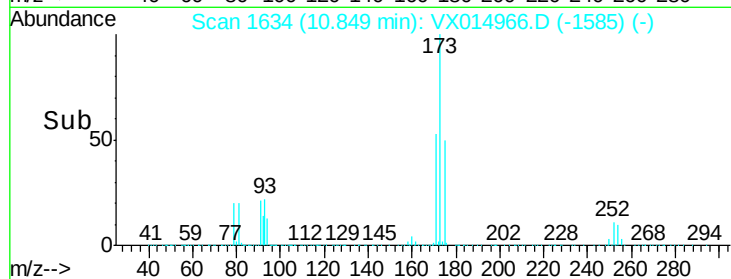
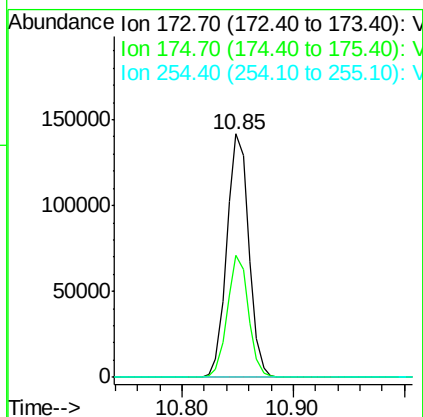
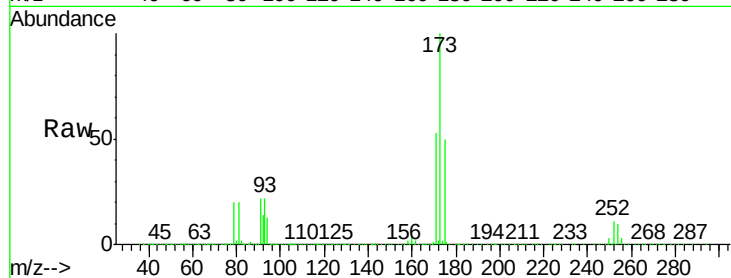
#71
Bromoform
Concen: 50.567 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.2	72.6
254	0.1	0.2	0.2#

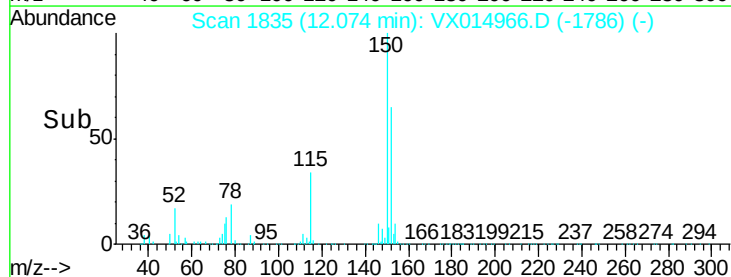
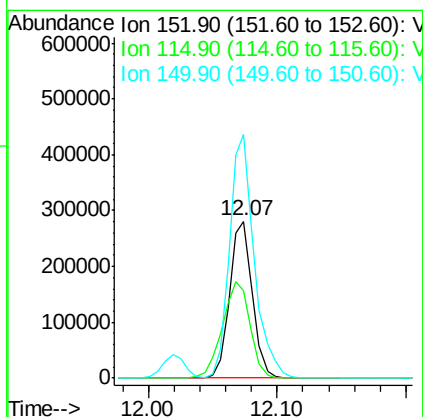
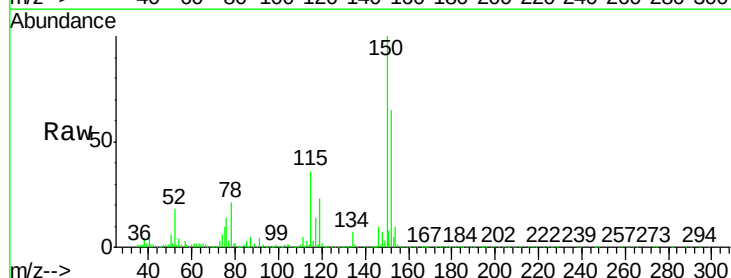
Manual Integrations
APPROVED

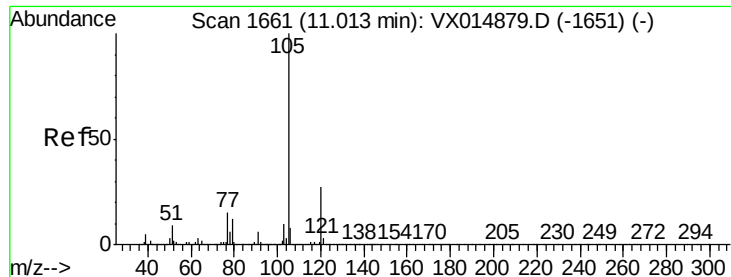
MMDadoda
2/20/2020 1:41:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.1	38.6	116.0
150	169.3	0.0	349.0





#73

Isopropylbenzene

Concen: 48.016 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1038920

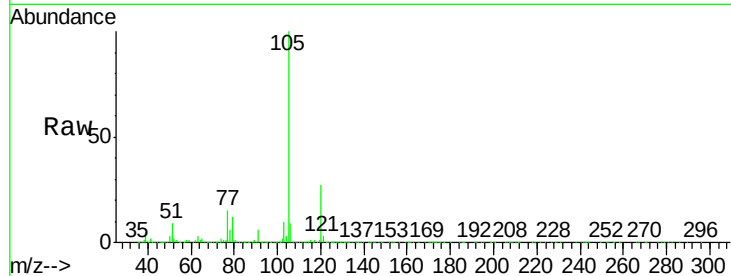
Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

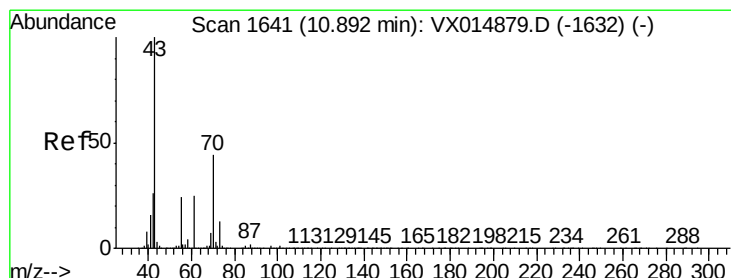
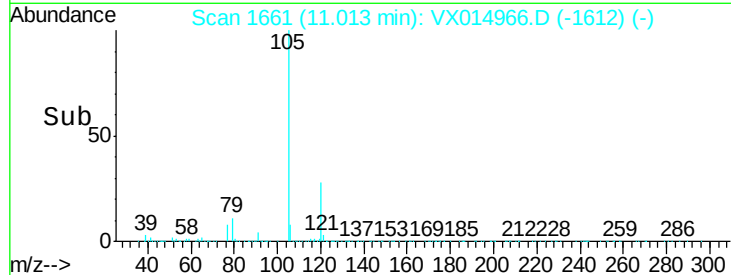
400000

200000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 49.809 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion: 43 Resp: 447801

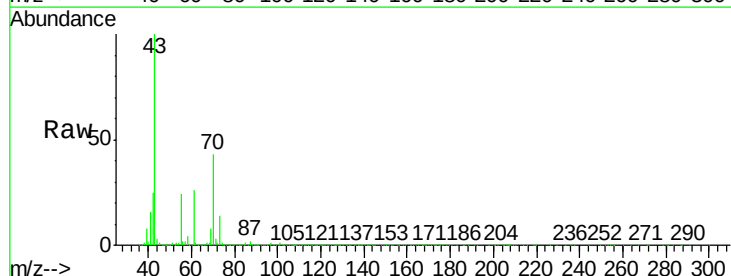
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 23.9 19.4 29.2

61 24.8 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

600000

500000

400000

300000

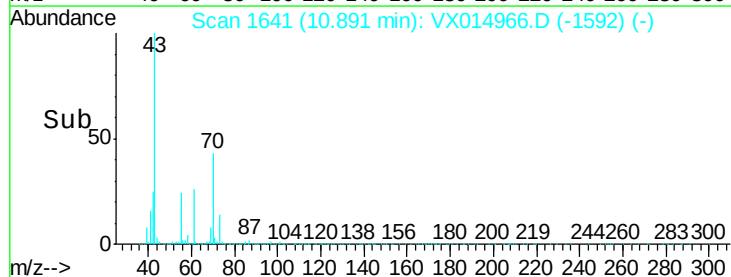
200000

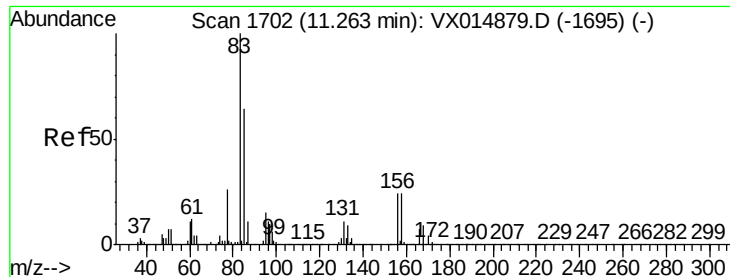
100000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.801 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

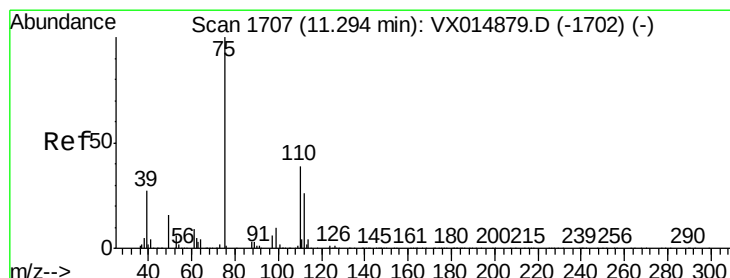
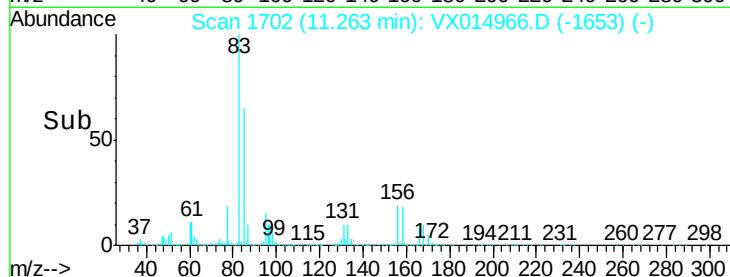
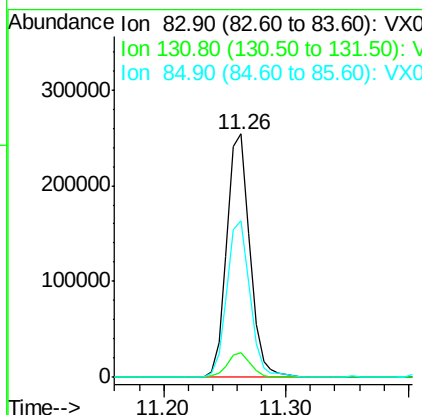
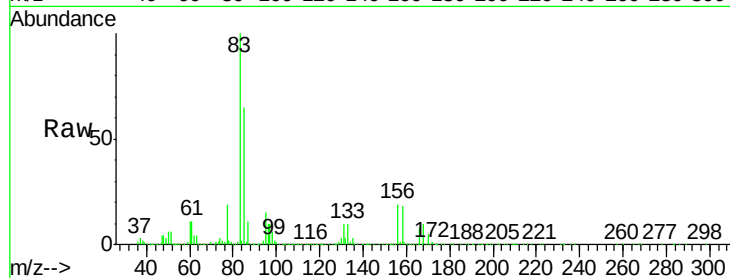
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	331021
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	16.1
85	64.5	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



#76

1,2,3-Trichloropropane

Concen: 45.665 ug/l m

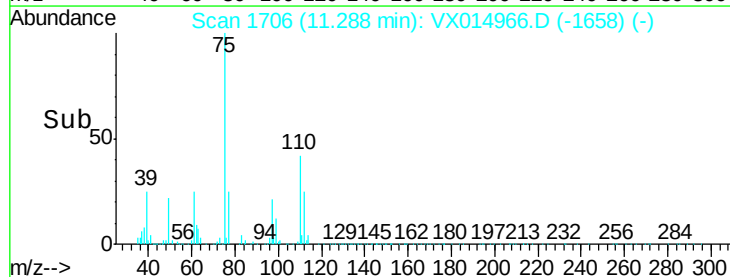
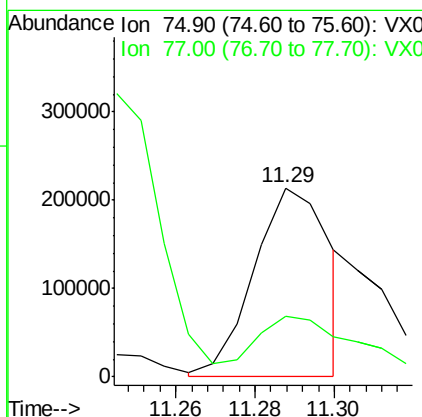
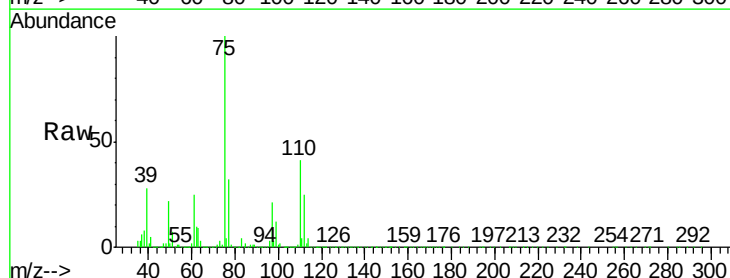
RT: 11.29 min Scan# 1706

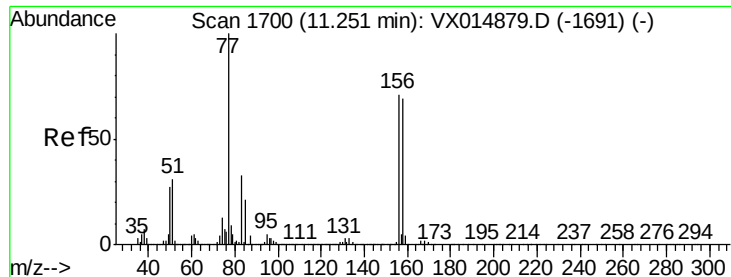
Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	75	Resp:	284913
Ion Ratio	Lower	Upper	
75	100		
77	43.7	18.4	55.0





#77

Bromobenzene

Concen: 46.657 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

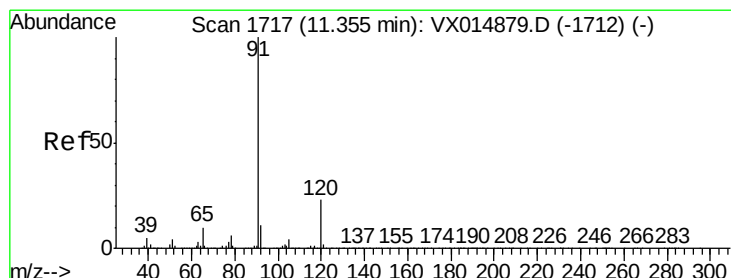
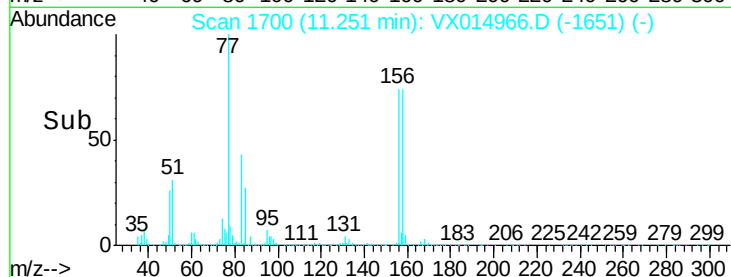
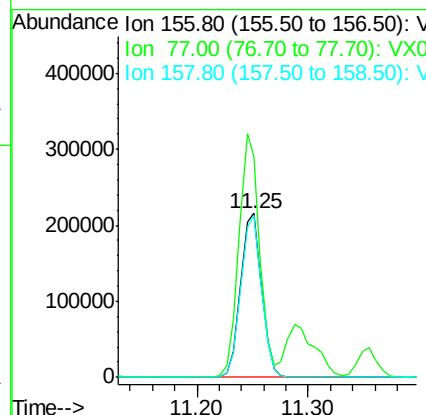
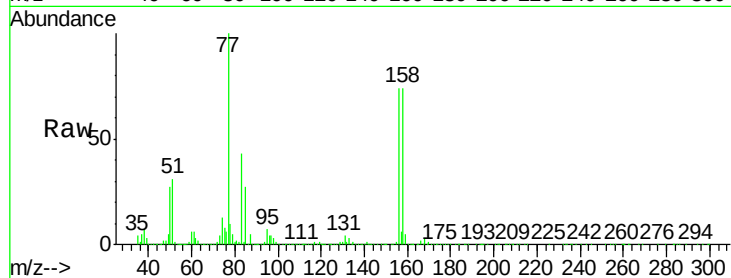
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.9	74.0	222.0
158	97.4	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.081 ug/l

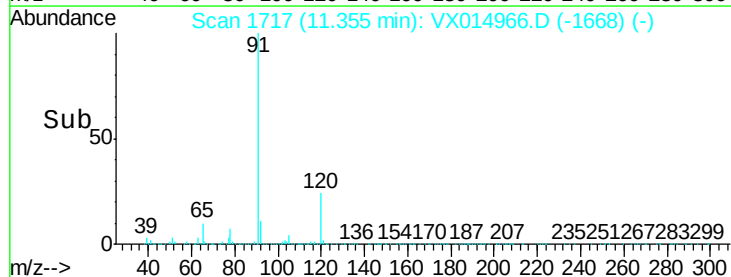
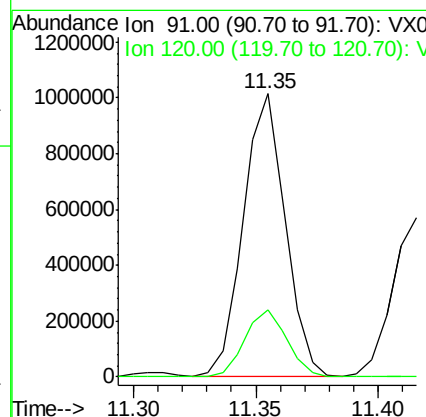
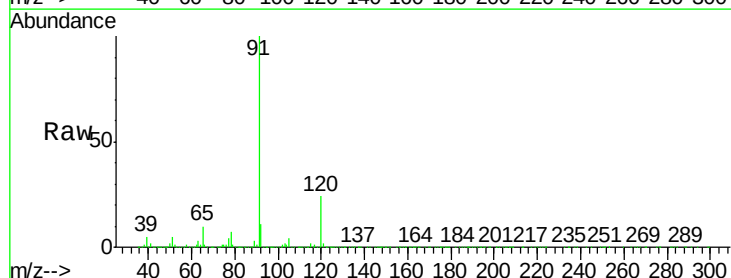
RT: 11.35 min Scan# 1717

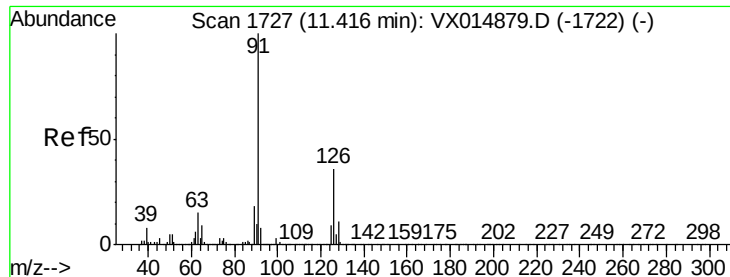
Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





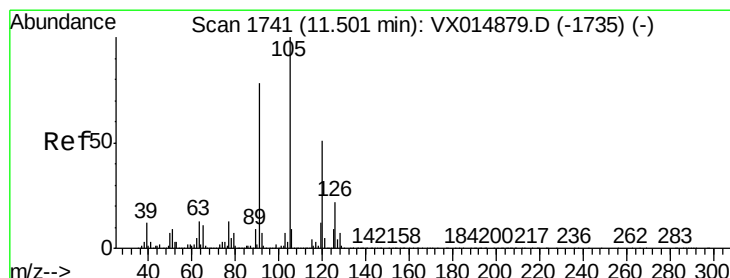
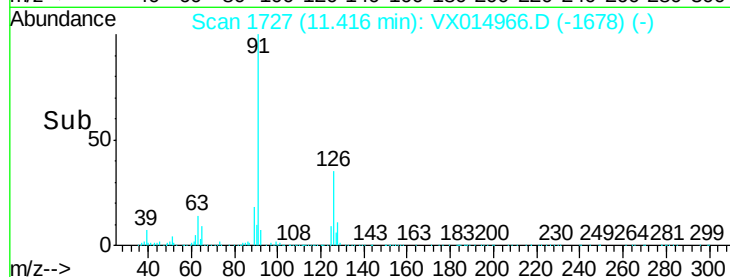
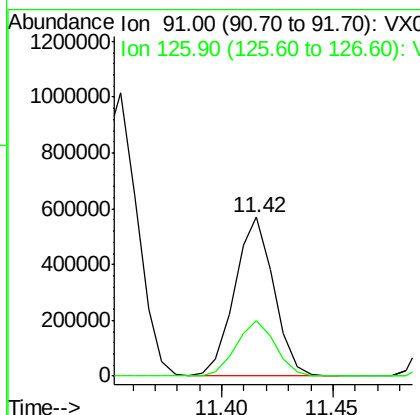
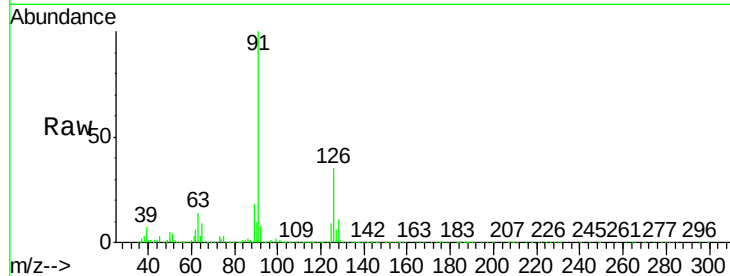
#79
2-Chlorotoluene
Concen: 47.149 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 693663
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0

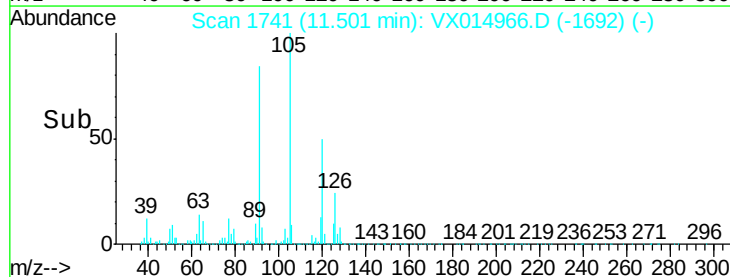
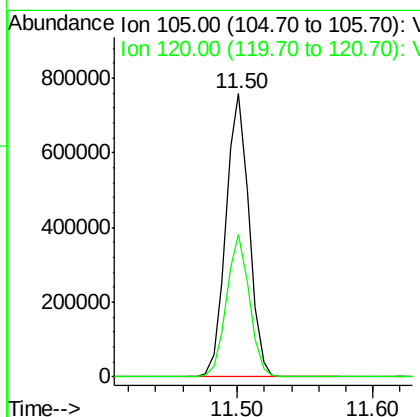
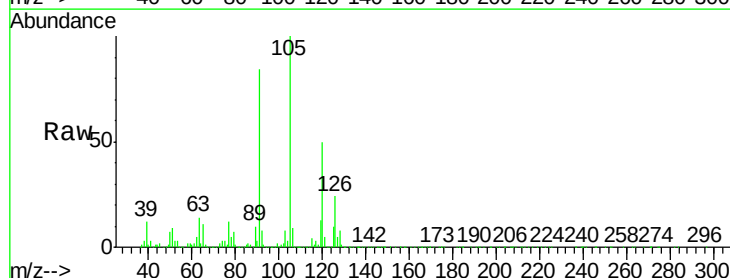
Manual Integrations
APPROVED

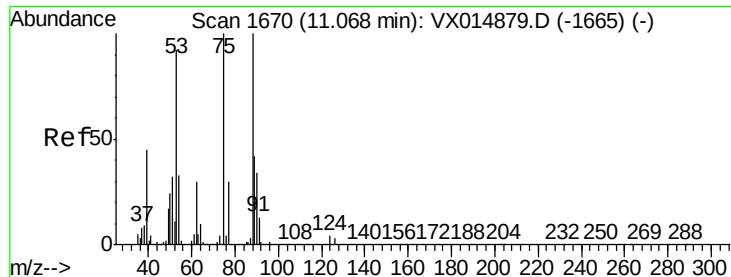
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.178 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 105 Resp: 889096
Ion Ratio Lower Upper
105 100
120 49.5 25.6 76.6





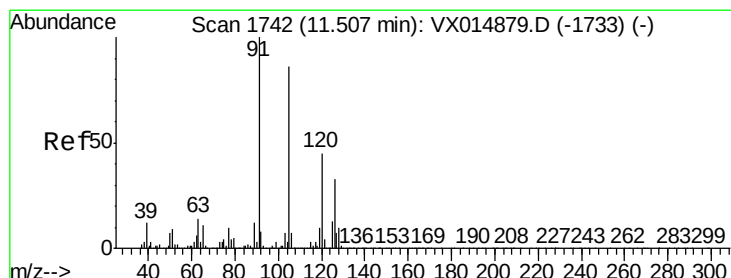
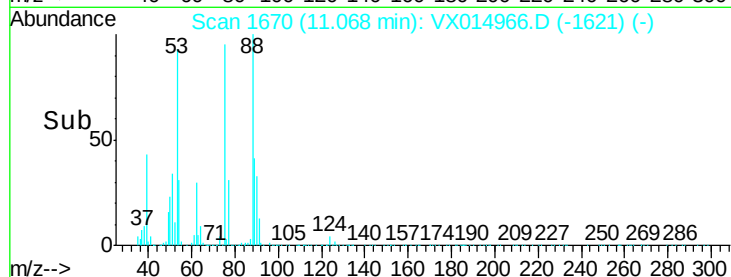
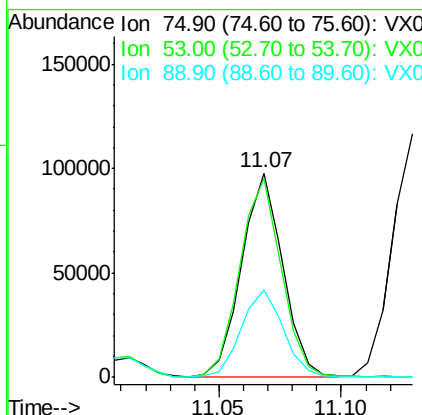
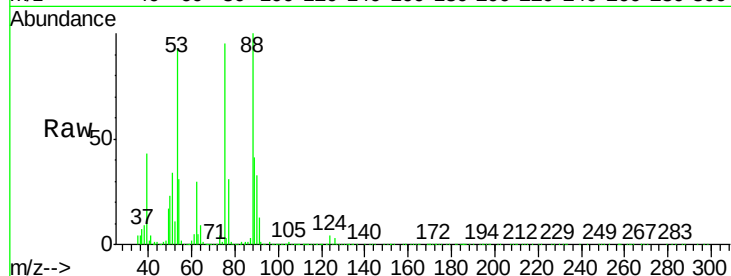
#81
trans-1,4-Dichloro-2-butene
Concen: 46.658 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	76.2	114.2
89	44.4	35.8	53.6

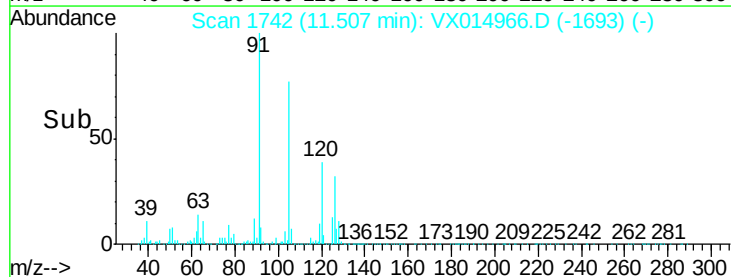
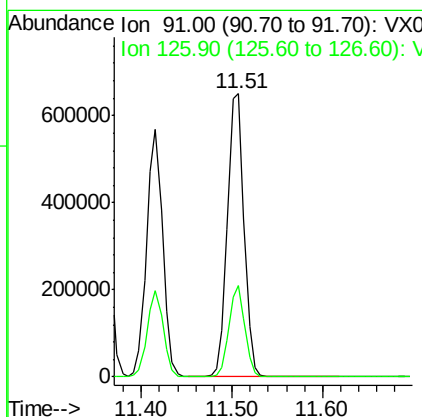
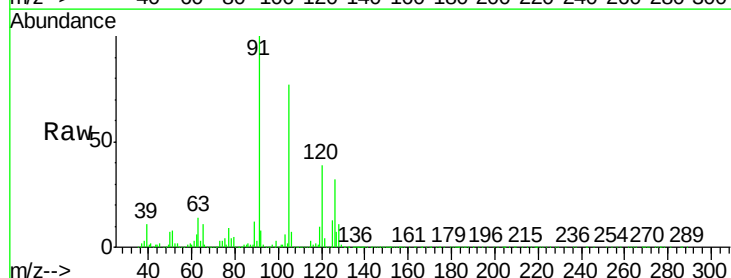
Manual Integrations
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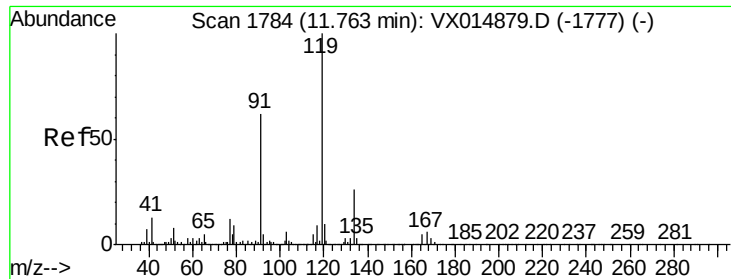
MMDadoda
2/20/2020 1:41:35 PM



#82
4-Chlorotoluene
Concen: 47.719 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 49.376 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

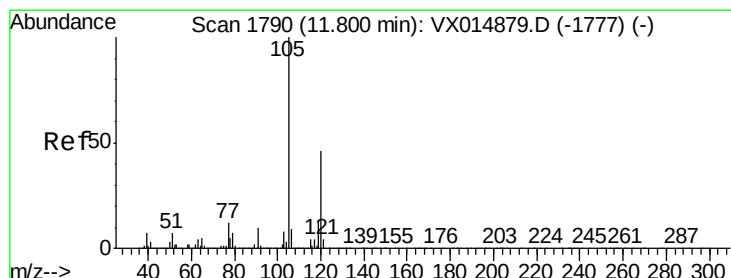
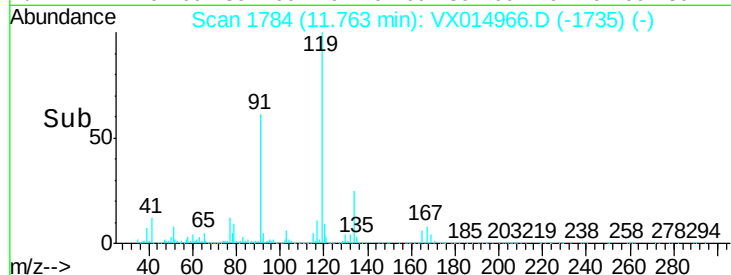
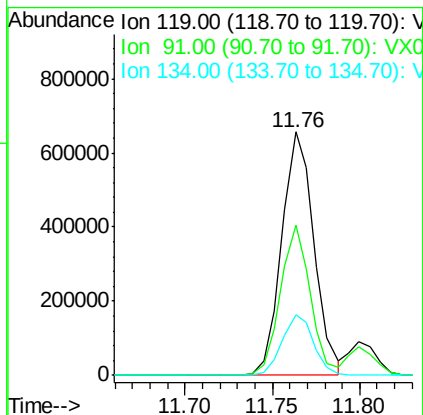
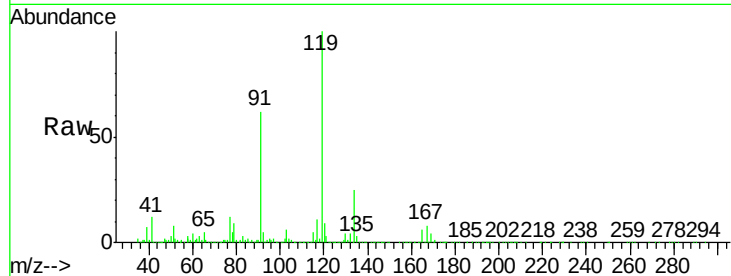
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	845318
Ion Ratio	Lower	Upper	
119	100		
91	57.2	29.5	88.6
134	24.4	12.6	37.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.322 ug/l

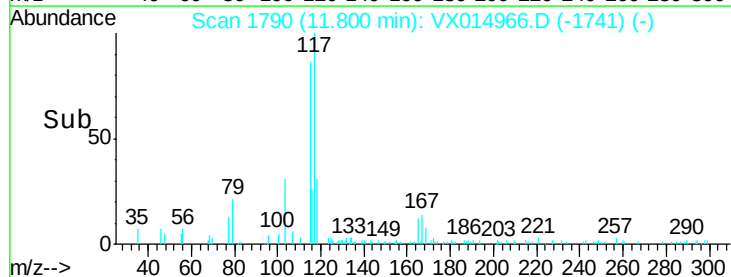
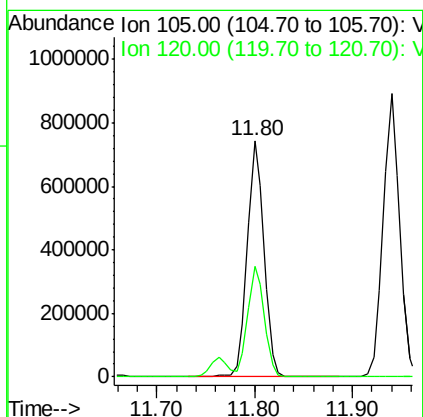
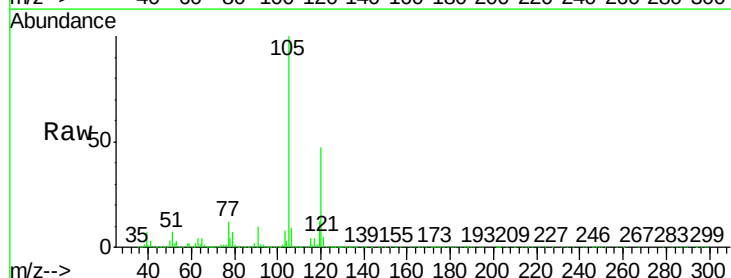
RT: 11.80 min Scan# 1790

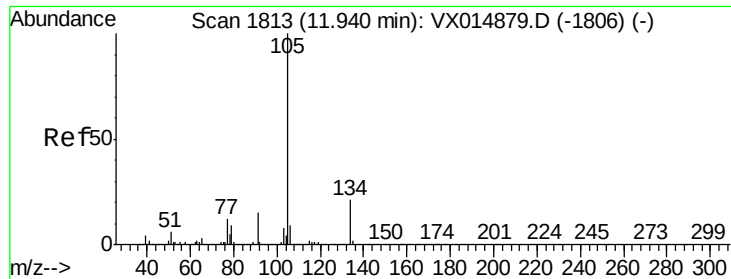
Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion:	105	Resp:	880408
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.006 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1042266

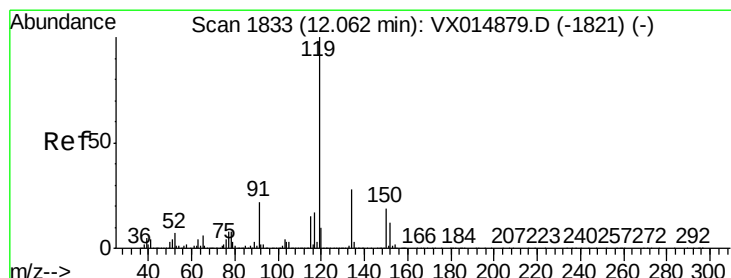
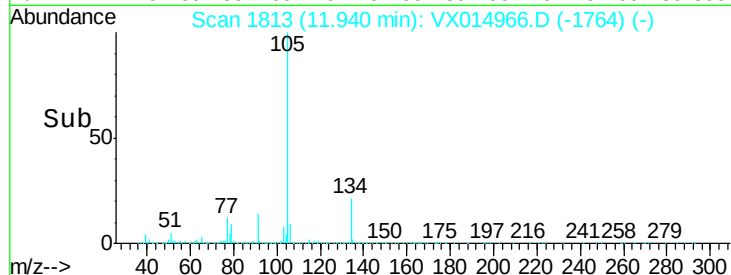
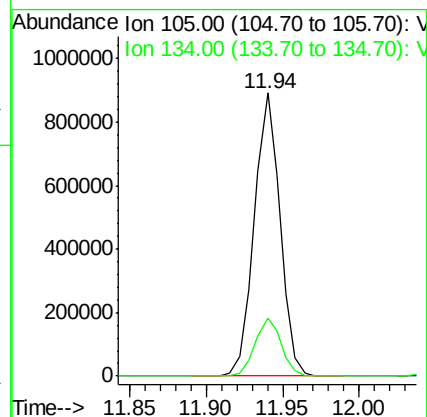
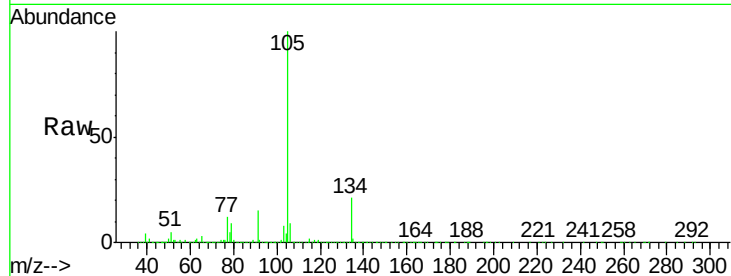
Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 48.575 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

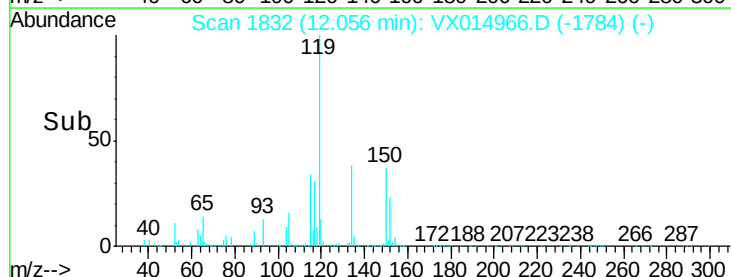
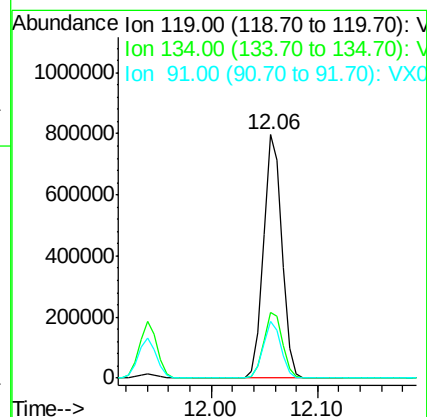
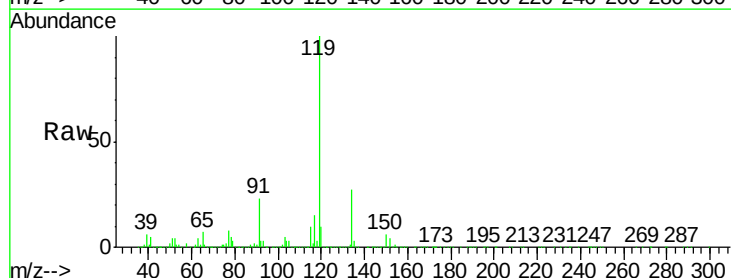
Tgt Ion:119 Resp: 966759

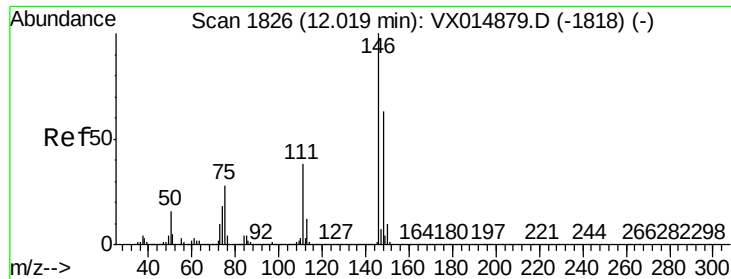
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.4 11.4 34.1





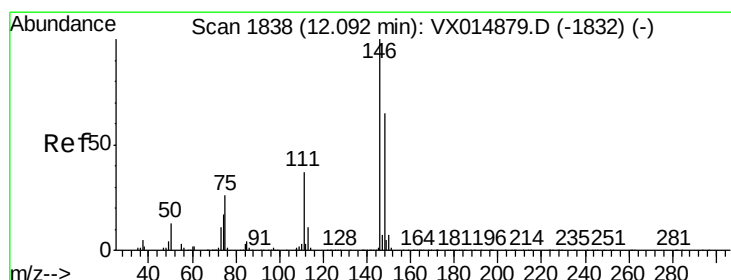
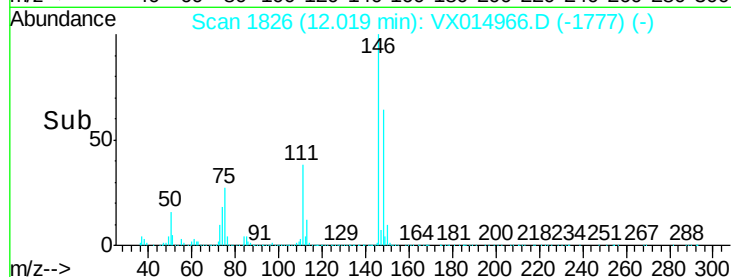
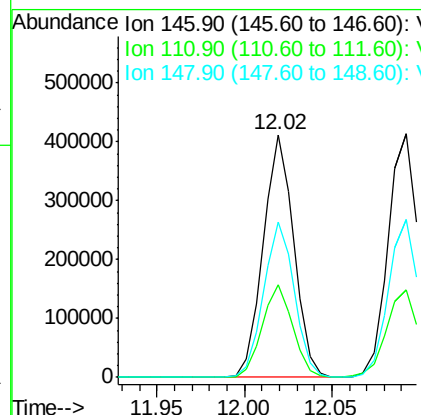
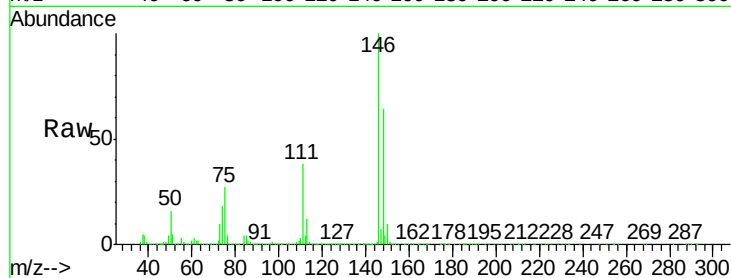
#87
 1,3-Dichlorobenzene
 Concen: 46.117 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.3	31.8	95.4

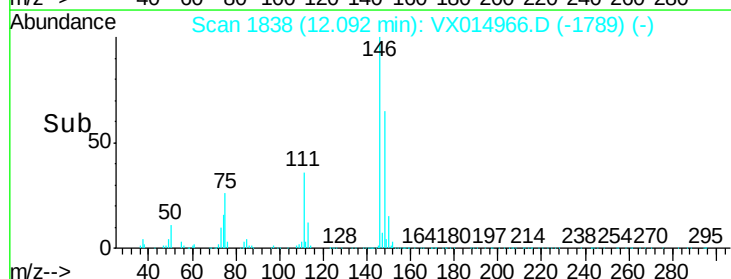
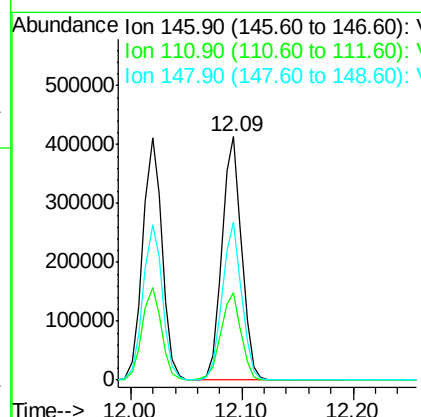
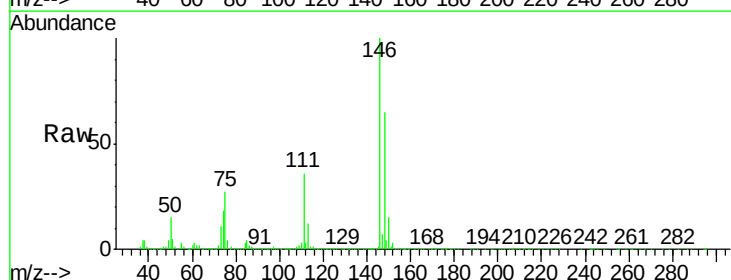
Manual Integrations
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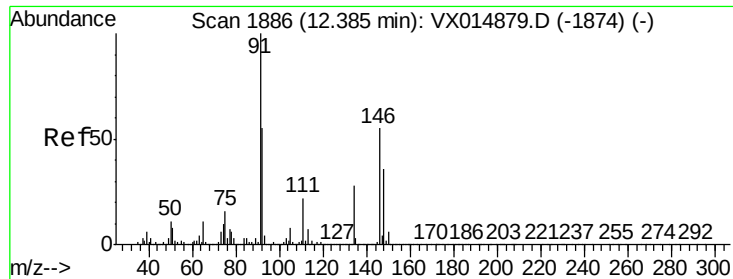
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#88
 1,4-Dichlorobenzene
 Concen: 45.536 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.1	32.4	97.0





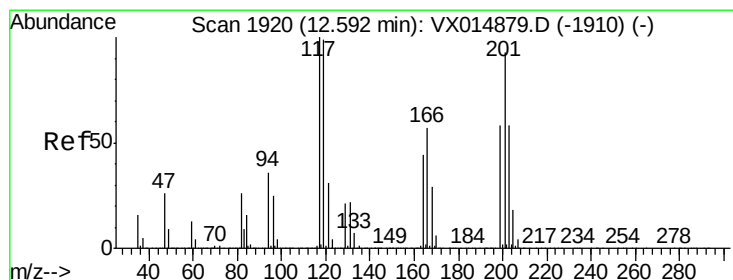
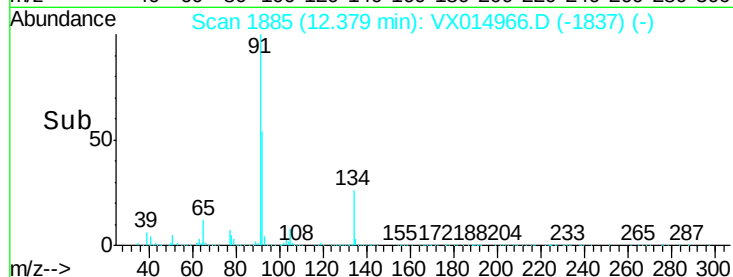
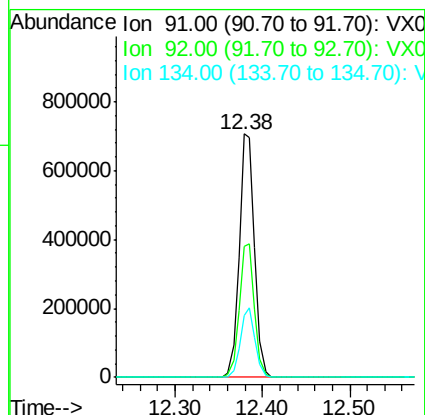
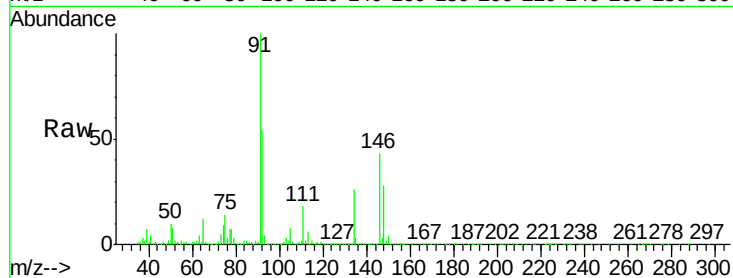
#89
n-Butylbenzene
Concen: 48.567 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	865696		
92	54.4	27.3	81.8	
134	27.4	13.8	41.4	

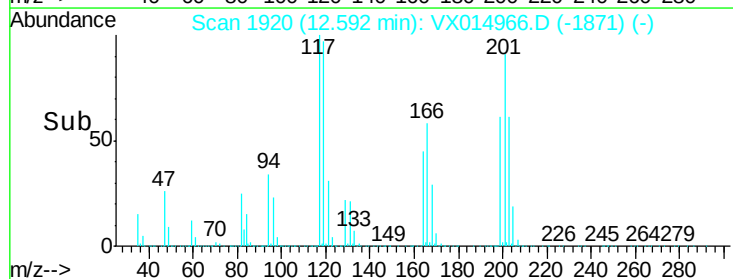
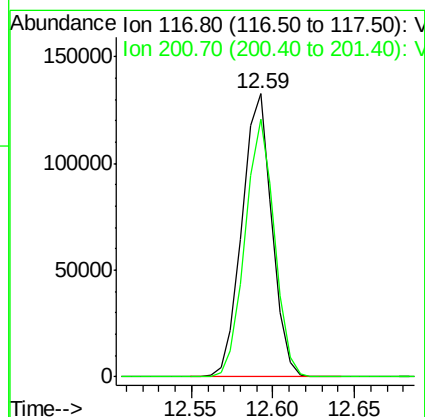
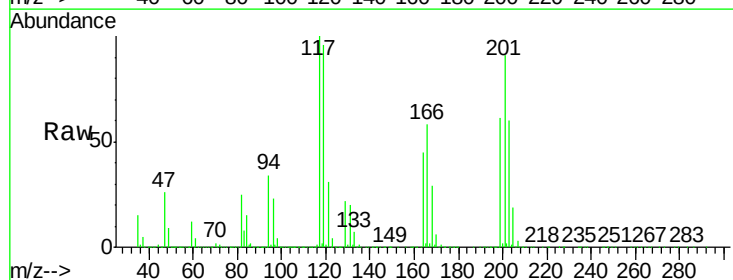
Manual Integrations
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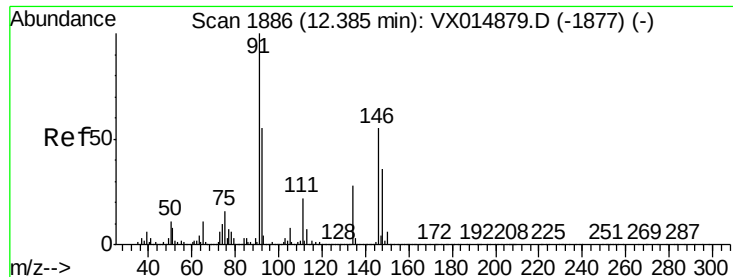
MMDadoda
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#90
Hexachloroethane
Concen: 48.792 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169582		
201	89.2	44.8	134.3	





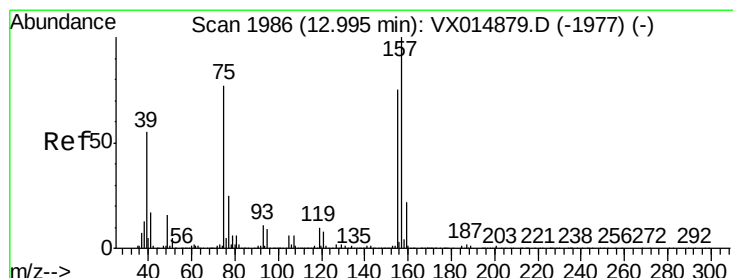
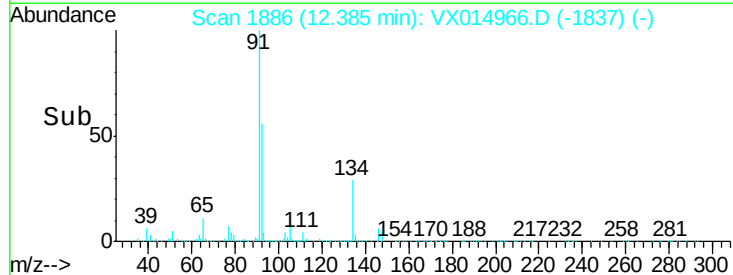
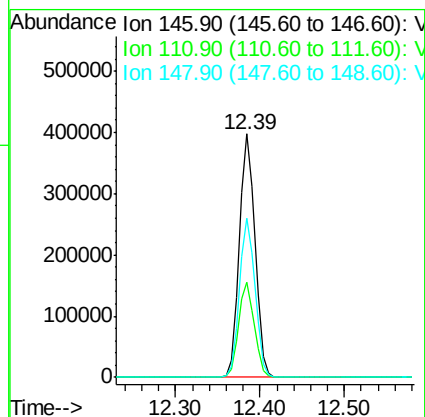
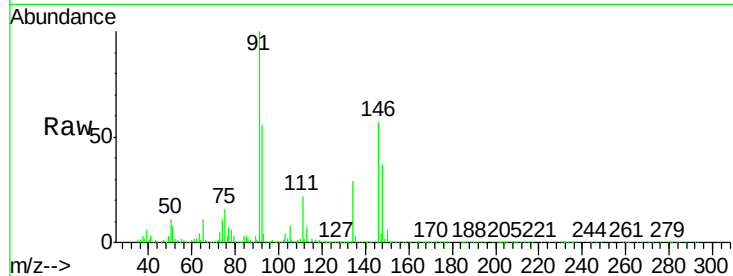
#91
 1,2-Dichlorobenzene
 Concen: 46.612 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.9	32.4	97.2

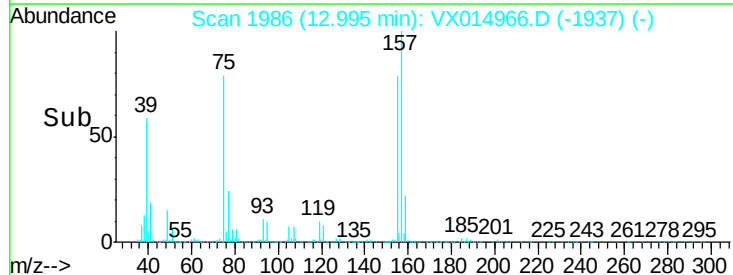
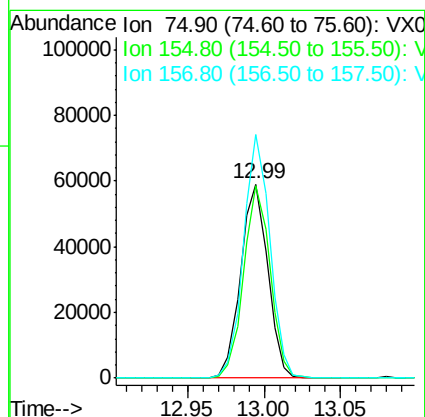
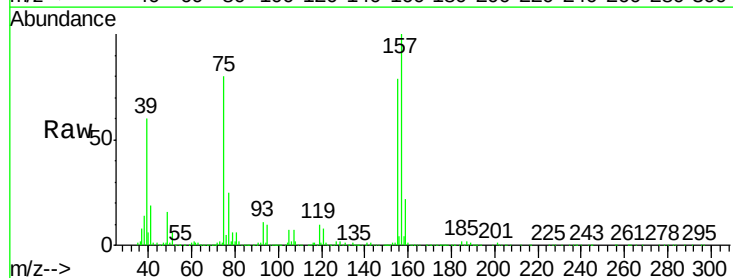
Manual Integrations
 APPROVED

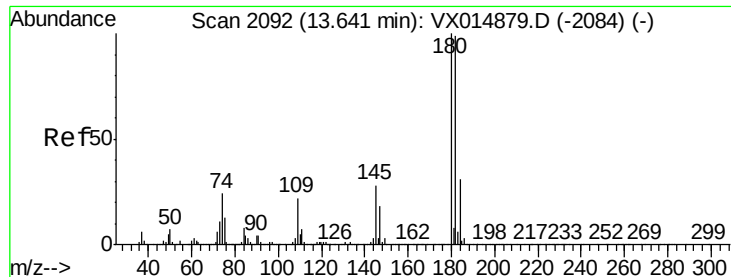
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.683 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.6	145.9
157	122.6	62.0	186.0





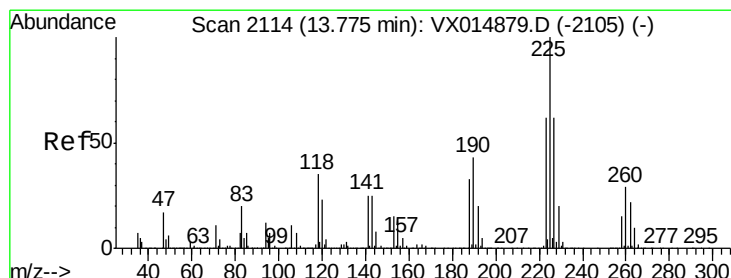
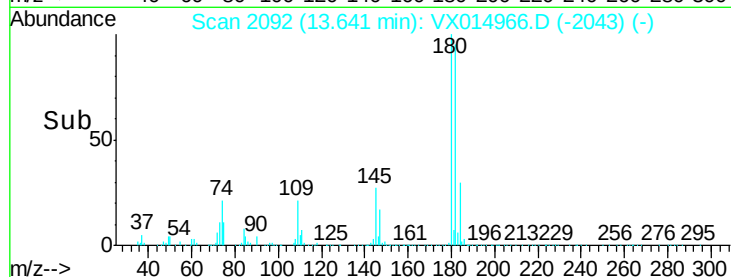
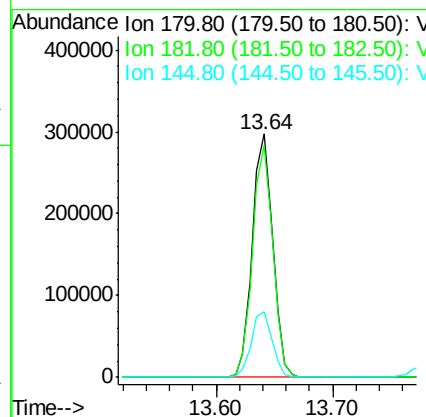
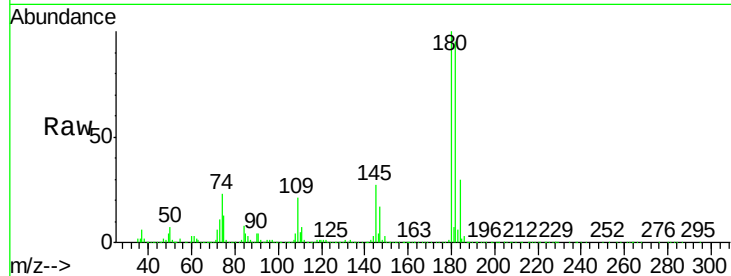
#93
1,2,4-Trichlorobenzene
Concen: 46.912 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	367891		
182	94.7	48.4	145.3	
145	27.7	14.1	42.4	

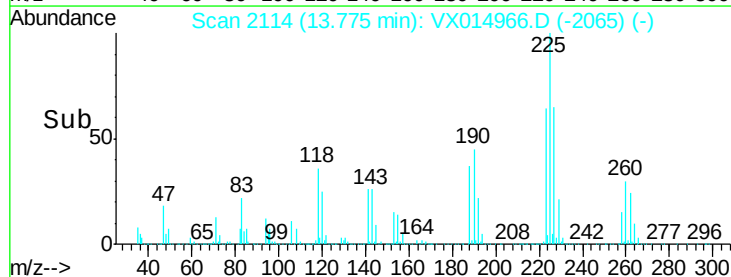
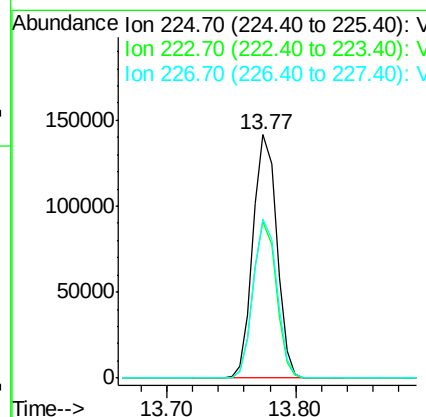
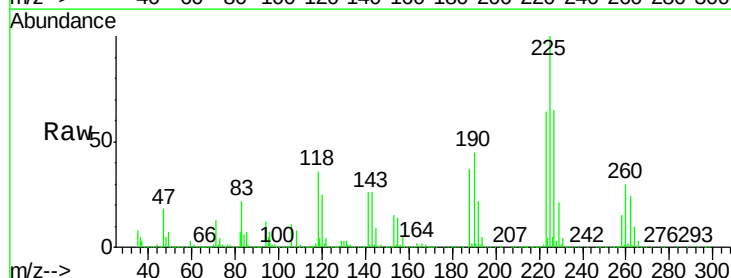
Manual Integrations
APPROVED

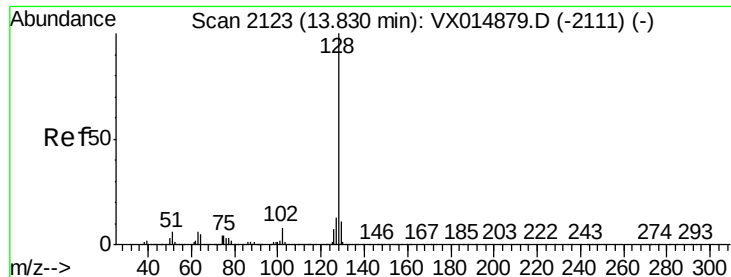
MMDadoda
2/20/2020 1:41:35 PM



#94
Hexachlorobutadiene
Concen: 47.179 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178954		
223	63.0	31.1	93.2	
227	65.0	30.9	92.5	





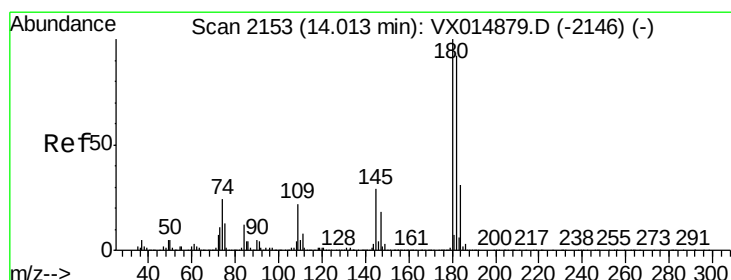
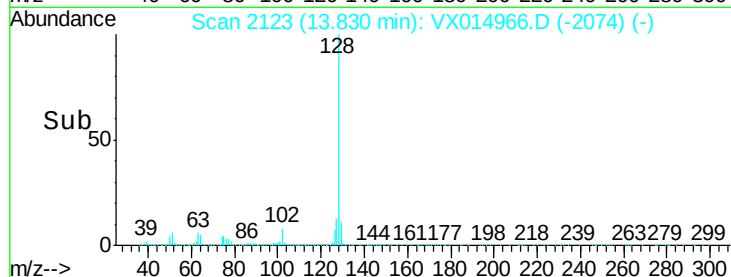
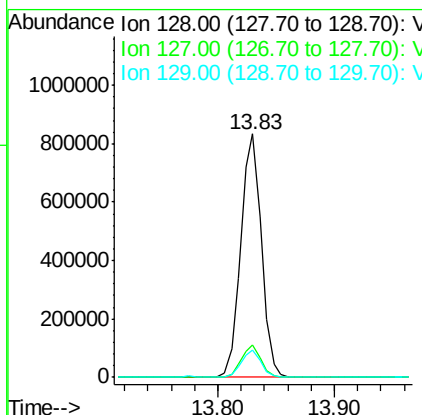
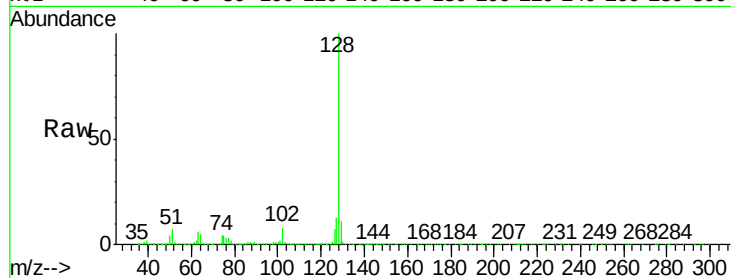
#95
Naphthalene
Concen: 49.349 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.583 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	29.0	14.5	43.5

