

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014717.D
 Acq On : 27 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 11:18:29 AM

Quant Time: Jan 28 03:43:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	289816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	241937	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.90%		
35) Dibromofluoromethane	5.48	113	196404	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.18%		
50) Toluene-d8	8.71	98	745276	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.92%		
62) 4-Bromofluorobenzene	11.13	95	264534	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.58%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	110171	19.326	ug/l	97
3) Chloromethane	1.32	50	109768	18.779	ug/l	100
4) Vinyl Chloride	1.40	62	122120	19.323	ug/l	97
5) Bromomethane	1.63	94	74488	17.352	ug/l	99
6) Chloroethane	1.72	64	73668	19.530	ug/l	100
7) Trichlorofluoromethane	1.92	101	137004	18.617	ug/l	97
8) Diethyl Ether	2.18	74	62388	19.423	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82558	19.110	ug/l	99
10) Methyl Iodide	2.50	142	105648	18.637	ug/l	98
11) Tert butyl alcohol	3.02	59	105139	92.813	ug/l	99
12) 1,1-Dichloroethene	2.37	96	77965	18.151	ug/l	98
13) Acrolein	2.28	56	74057	82.913	ug/l	99
14) Allyl chloride	2.72	41	148383	19.220	ug/l	98
15) Acrylonitrile	3.12	53	250899	95.725	ug/l	99
16) Acetone	2.43	43	271811	98.383	ug/l	99
17) Carbon Disulfide	2.56	76	208826	17.789	ug/l	100
18) Methyl Acetate	2.76	43	154978	19.634	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	275430	19.578	ug/l	100
20) Methylene Chloride	2.84	84	94691	18.505	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86183	18.223	ug/l	98
22) Diisopropyl ether	3.84	45	300404	19.557	ug/l	91
23) Vinyl Acetate	3.80	43	1178063	100.613	ug/l	100
24) 1,1-Dichloroethane	3.69	63	159355	19.103	ug/l	99
25) 2-Butanone	4.65	43	371603	93.791	ug/l	98
26) 2,2-Dichloropropane	4.57	77	125874	18.852	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	98994	18.703	ug/l	98
28) Bromochloromethane	5.00	49	69384	18.928	ug/l	99
29) Tetrahydrofuran	5.11	42	224676	95.544	ug/l	99
30) Chloroform	5.19	83	156768	18.971	ug/l	98
31) Cyclohexane	5.57	56	144808	18.457	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128448	18.390	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115202	19.355	ug/l	99
37) Ethyl Acetate	4.81	43	137210	20.128	ug/l	98
38) Carbon Tetrachloride	5.77	117	111036	19.534	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	145435	19.505	ug/l	99
40) Benzene	6.13	78	363364	19.759	ug/l	99
41) Methacrylonitrile	5.02	41	74895	19.100	ug/l	96
42) 1,2-Dichloroethane	6.18	62	128272	20.198	ug/l	100
43) Isopropyl Acetate	6.43	43	220534	19.756	ug/l	98
44) Trichloroethene	7.20	130	99884	19.229	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93752	19.788	ug/l	99
46) Dibromomethane	7.65	93	60915	19.852	ug/l	97
47) Bromodichloromethane	7.89	83	120448	20.014	ug/l	95
48) Methyl methacrylate	7.76	41	108215	20.289	ug/l	100
49) 1,4-Dioxane	7.73	88	44286	391.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	691263	98.113	ug/l	99
52) Toluene	8.78	92	223396	19.762	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	132472	20.443	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148046	20.767	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	93791	20.264	ug/l	97
56) Ethyl methacrylate	9.17	69	141112	19.127	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157927	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	224680	96.527	ug/l	100
59) 2-Hexanone	9.48	43	533703	97.618	ug/l	99
60) Dibromochloromethane	9.57	129	95911	19.853	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97571	19.939	ug/l	100
64) Tetrachloroethene	9.33	164	105894	18.258	ug/l	98
65) Chlorobenzene	10.13	112	240721	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88910	19.241	ug/l	98
67) Ethyl Benzene	10.25	91	418706	19.567	ug/l	100
68) m/p-Xylenes	10.36	106	316263	39.012	ug/l	96
69) o-Xylene	10.69	106	154367	19.724	ug/l	98
70) Styrene	10.71	104	261157	19.892	ug/l	100
71) Bromoform	10.85	173	71198	19.376	ug/l #	100
73) Isopropylbenzene	11.01	105	409323	20.087	ug/l	99
74) N-amyl acetate	10.89	43	176507	19.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137678	18.922	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	121150m	17.967	ug/l	
77) Bromobenzene	11.25	156	108809	19.876	ug/l	97
78) n-propylbenzene	11.35	91	470077	20.322	ug/l	100
79) 2-Chlorotoluene	11.42	91	273581	19.548	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	340812	20.151	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43507	18.362	ug/l	95
82) 4-Chlorotoluene	11.51	91	320335	20.105	ug/l	99
83) tert-Butylbenzene	11.76	119	319911	20.129	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	341252	20.116	ug/l	99
85) sec-Butylbenzene	11.94	105	394684	20.272	ug/l	100
86) p-Isopropyltoluene	12.06	119	366751	20.383	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189345	19.245	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192273	19.510	ug/l	99
89) n-Butylbenzene	12.39	91	307788	19.641	ug/l	99
90) Hexachloroethane	12.59	117	63479	18.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	192102	19.659	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29318	18.755	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VX0127WBSD01

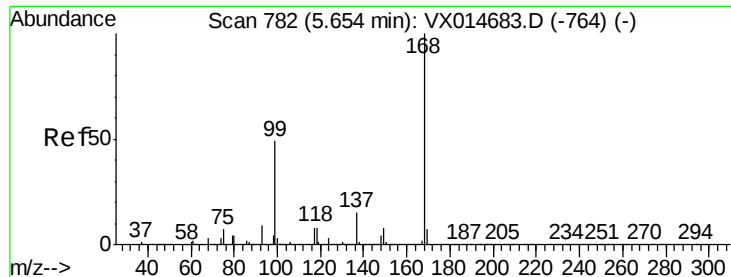
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124532	19.767	ug/l	97
94) Hexachlorobutadiene	13.78	225	65592	20.229	ug/l	100
95) Naphthalene	13.83	128	361954	18.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	125490	19.700	ug/l	98

(#) = 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: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion:168 Resp: 432077

Ion Ratio Lower Upper

168 100

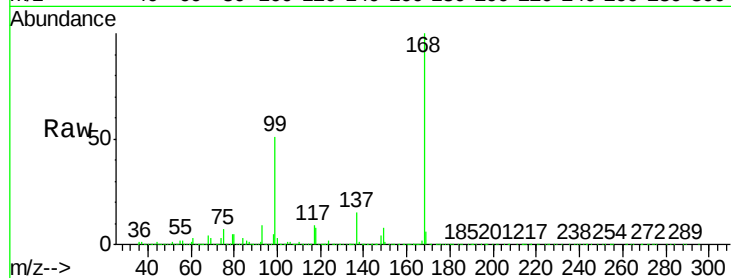
99 50.9 39.8 59.6

Manual Integrations

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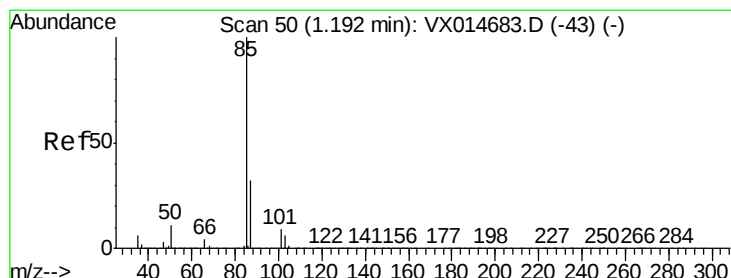
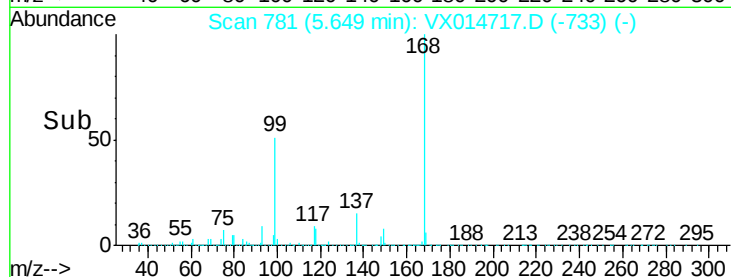
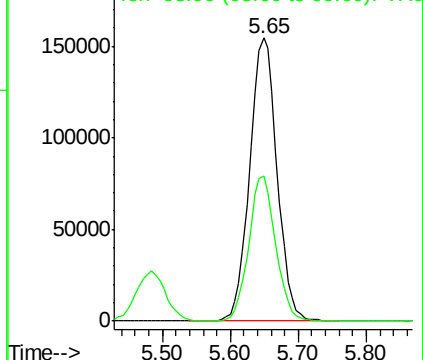
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.326 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014717.D

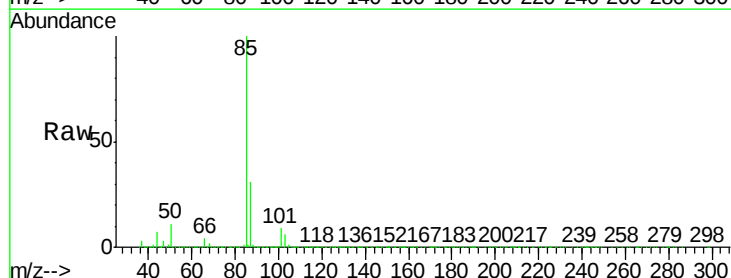
Acq: 27 Jan 2020 11:38

Tgt Ion: 85 Resp: 110171

Ion Ratio Lower Upper

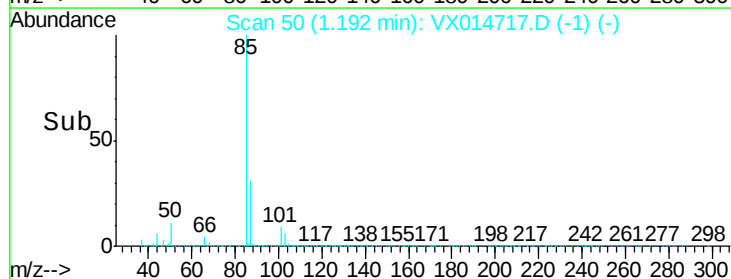
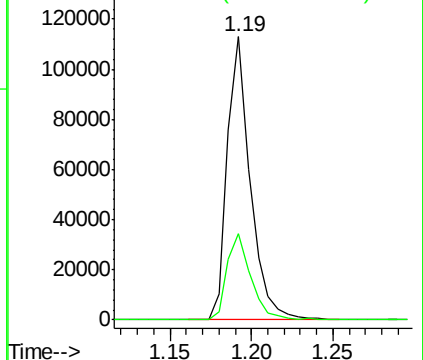
85 100

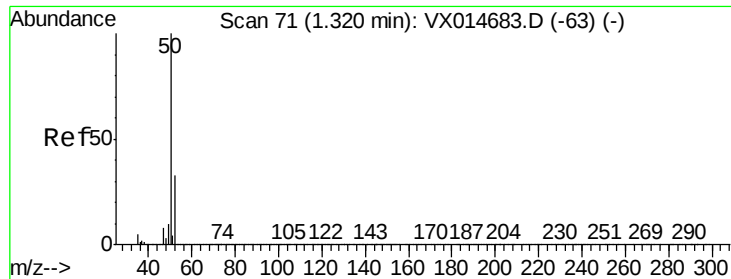
87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.779 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 50 Resp: 109768

Ion Ratio Lower Upper

50 100

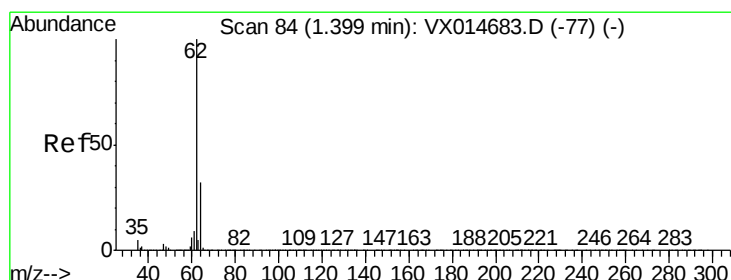
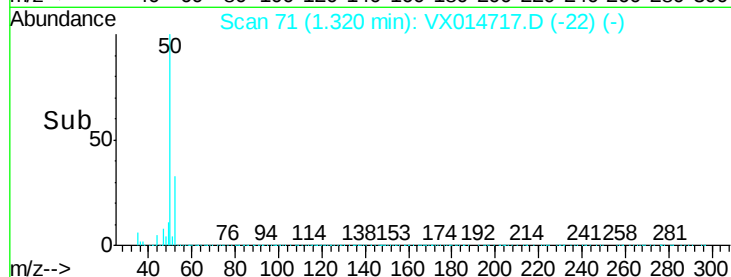
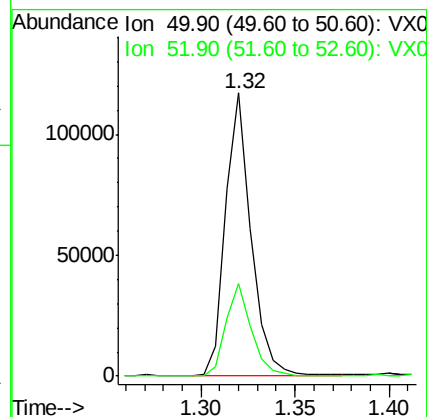
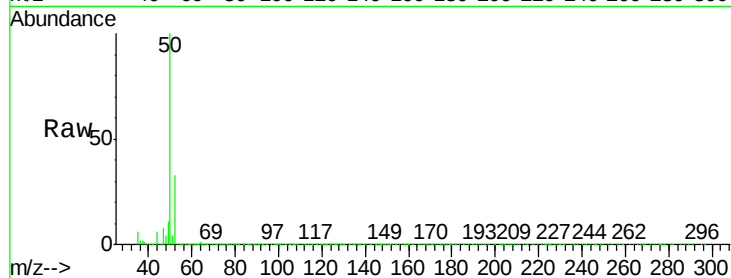
52 32.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 19.323 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014717.D

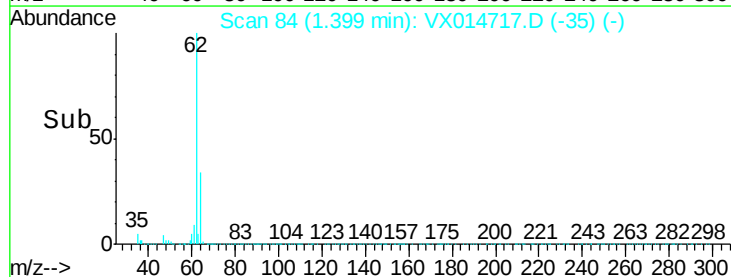
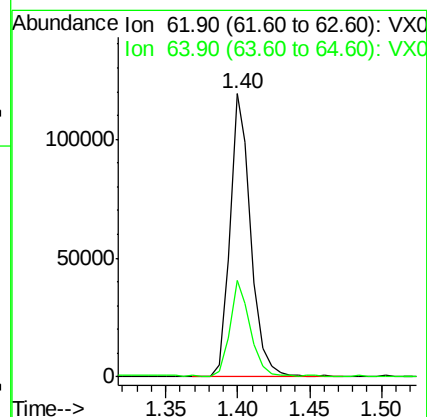
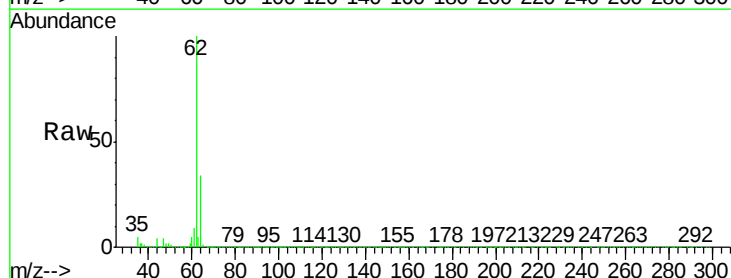
Acq: 27 Jan 2020 11:38

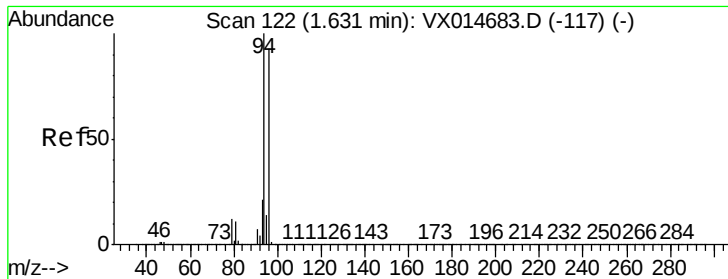
Tgt Ion: 62 Resp: 122120

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.2





#5

Bromomethane

Concen: 17.352 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 94 Resp: 74488

Ion Ratio Lower Upper

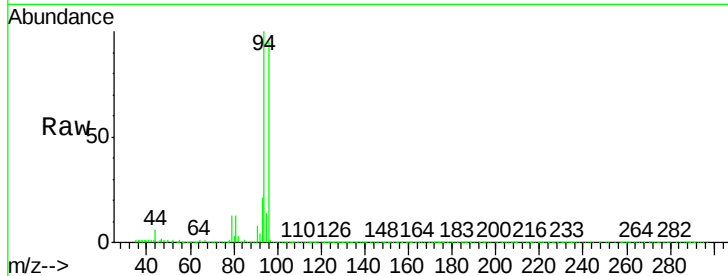
94 100

96 94.8 74.7 112.1

Manual Integrations
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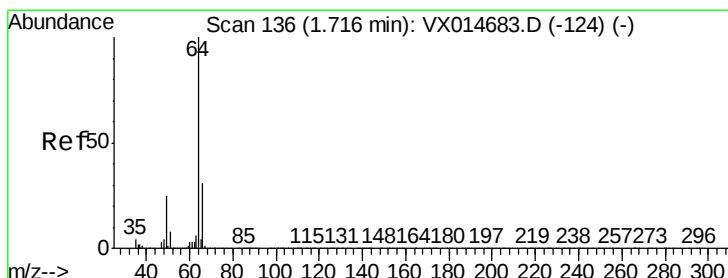
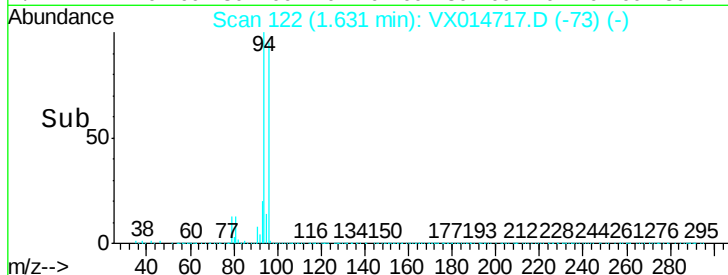
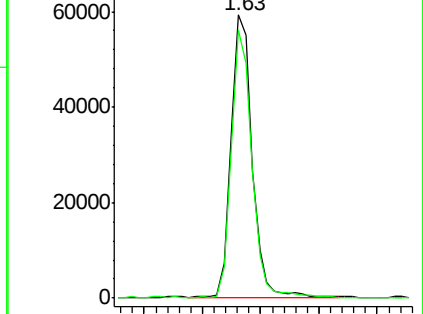
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.530 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014717.D

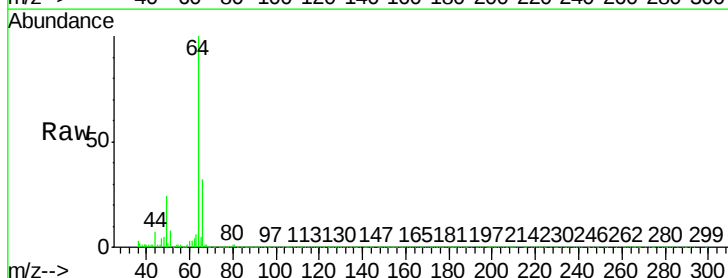
Acq: 27 Jan 2020 11:38

Tgt Ion: 64 Resp: 73668

Ion Ratio Lower Upper

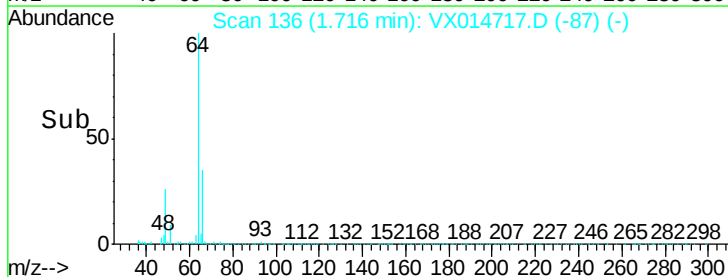
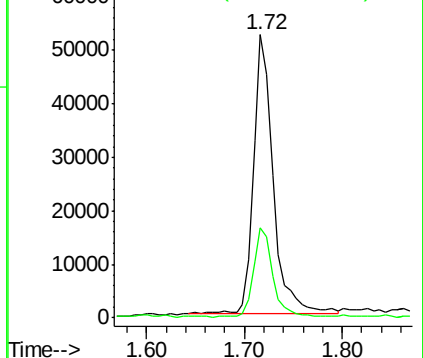
64 100

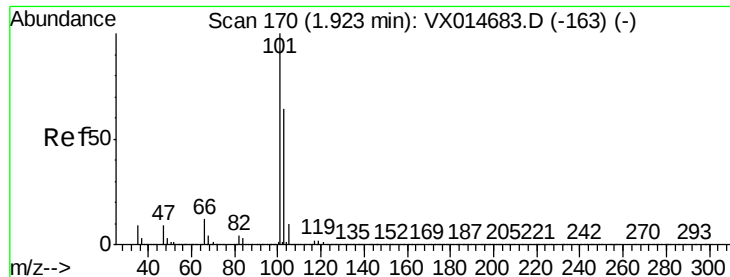
66 31.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

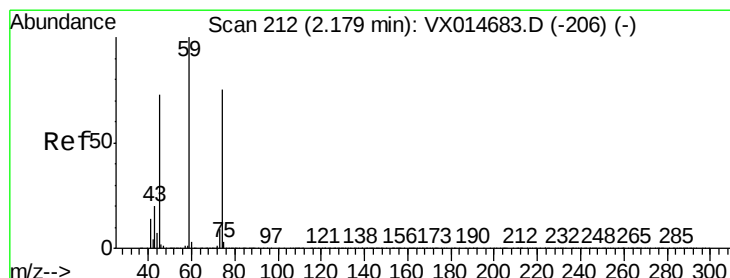
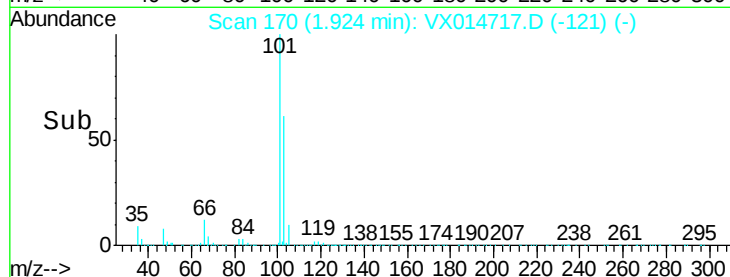
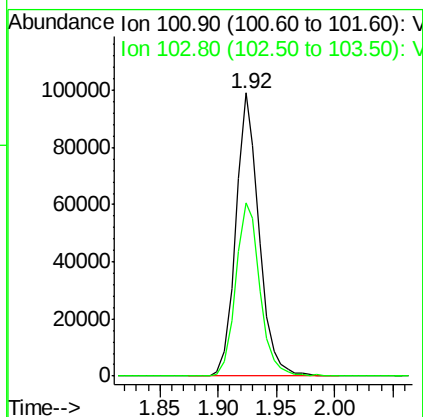
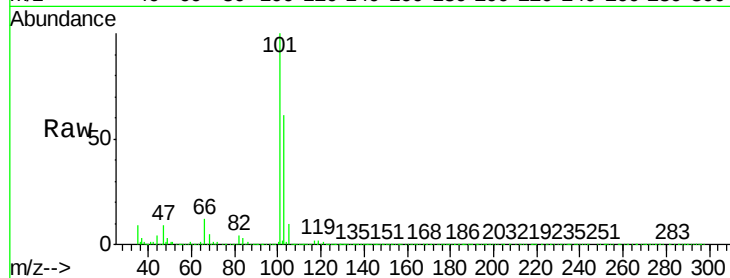
Trichlorofluoromethane
Concen: 18.617 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.0	76.6

Manual Integrations
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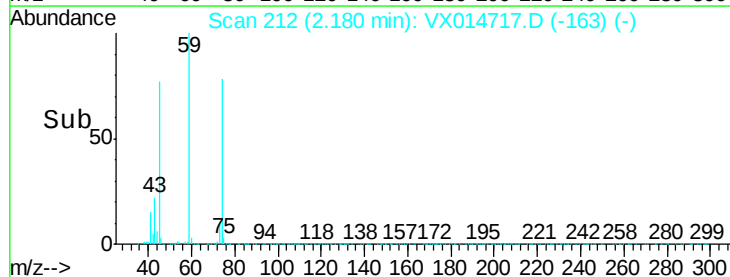
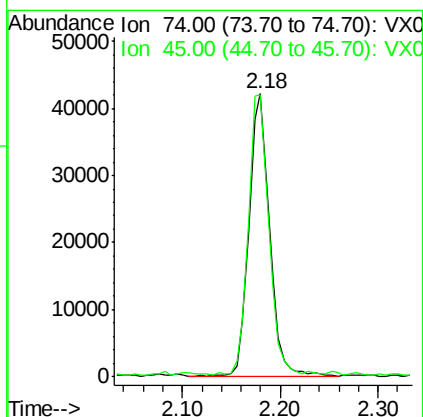
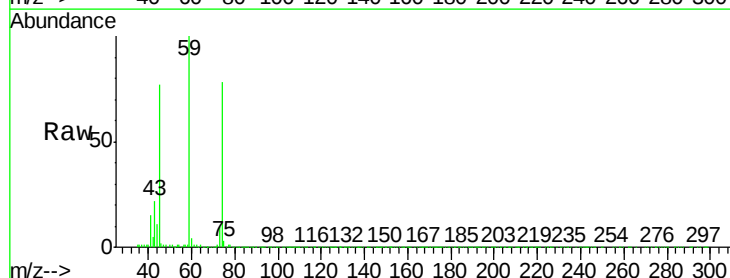
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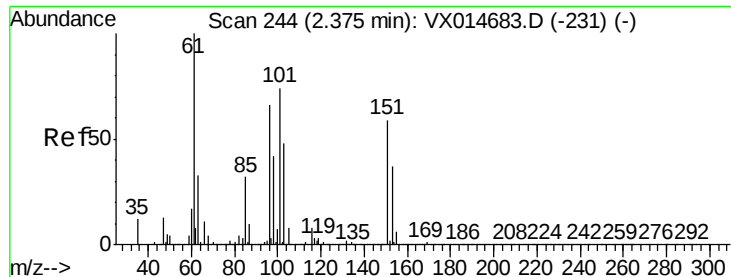


#8

Diethyl Ether
Concen: 19.423 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.110 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

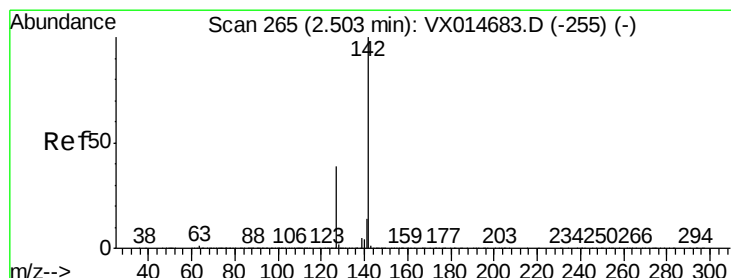
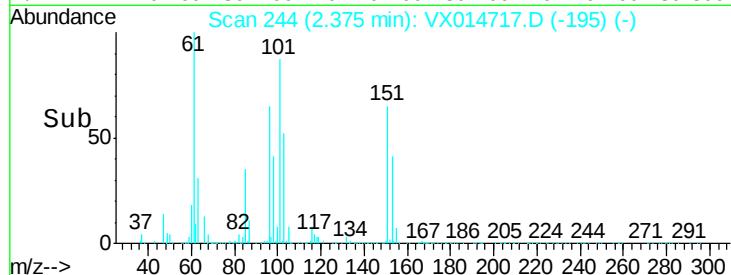
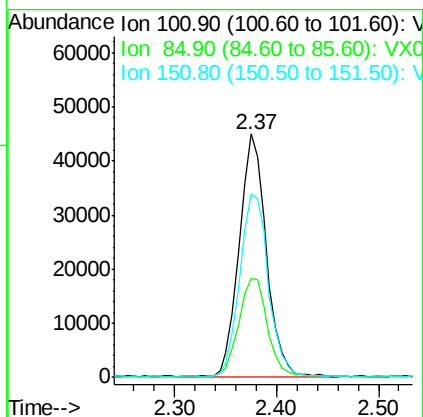
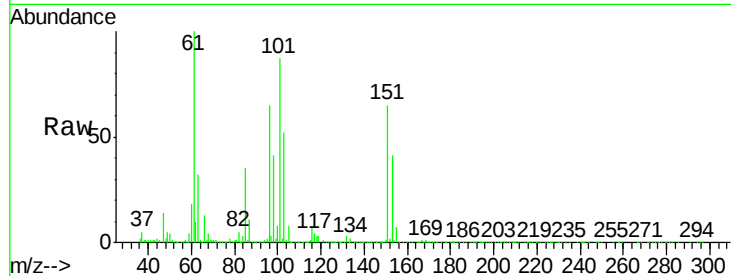
ClientSampleId :

VX0127WBSD01

Tot Ion:	101	Resp:	82558
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.7	52.1
151	79.9	64.7	97.1

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#10

Methyl Iodide

Concen: 18.637 ug/l

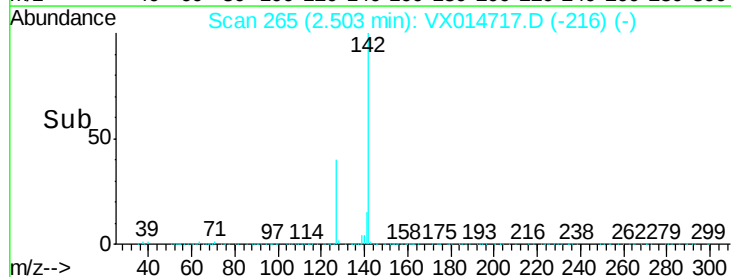
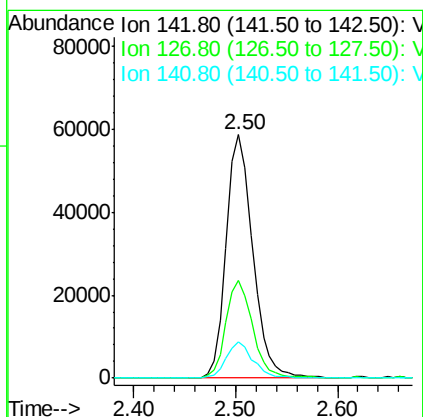
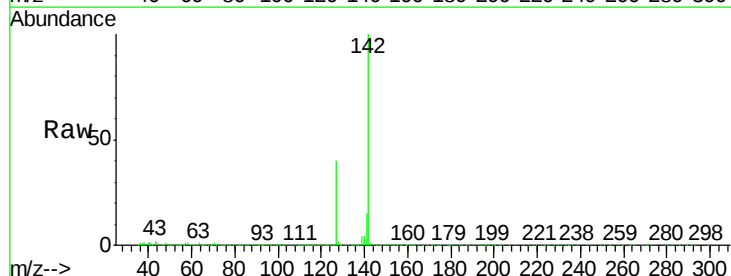
RT: 2.50 min Scan# 265

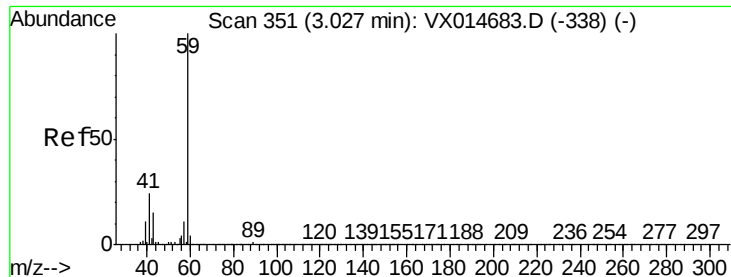
Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	142	Resp:	105648
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.1	46.7
141	15.1	11.3	16.9





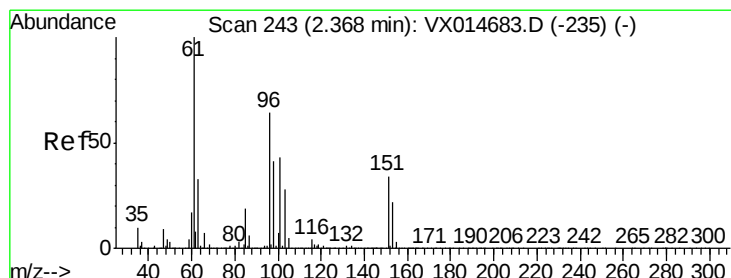
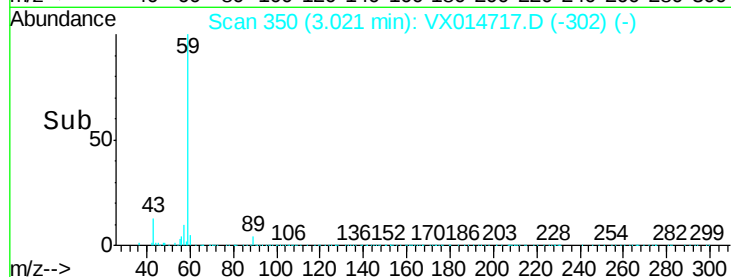
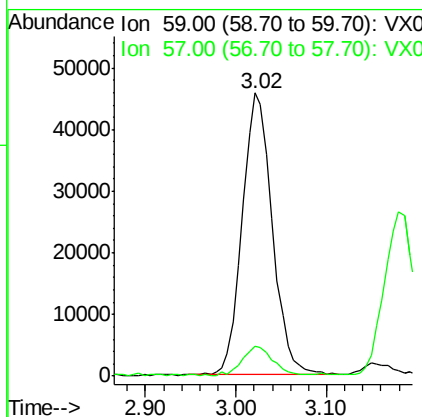
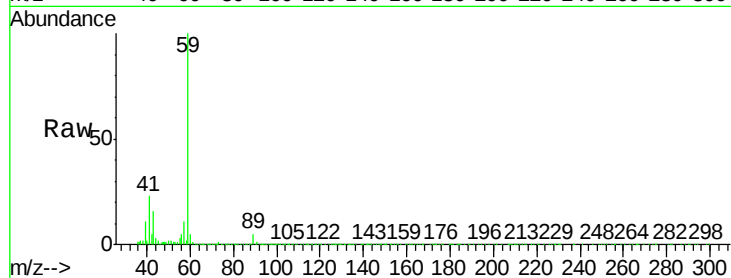
#11
Tert butyl alcohol
Concen: 92.813 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

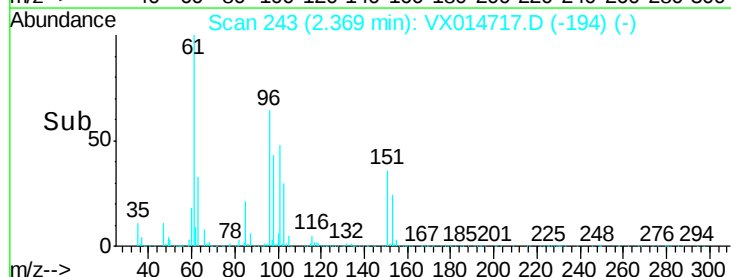
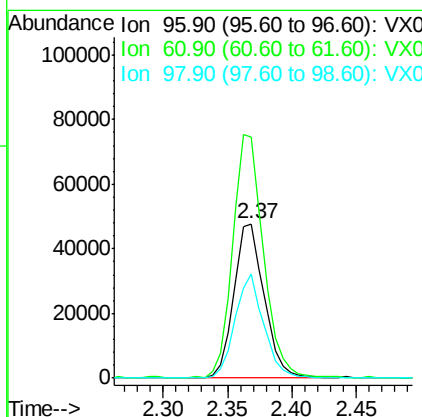
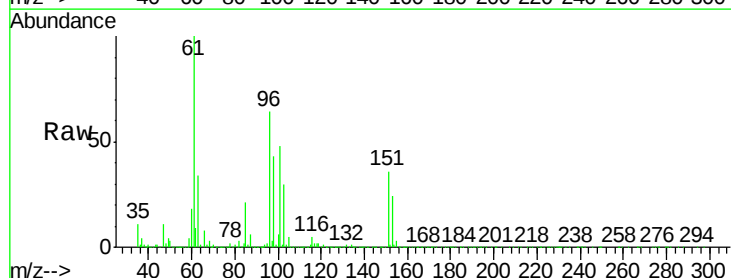
Manual Integrations
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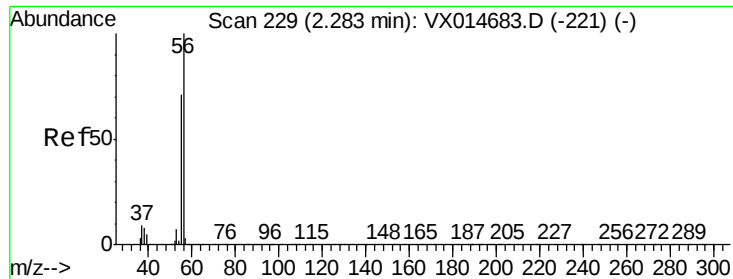
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.151 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	125.8	188.8
98	67.4	51.5	77.3





#13

Acrolein

Concen: 82.913 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 56 Resp: 74057

Ion Ratio Lower Upper

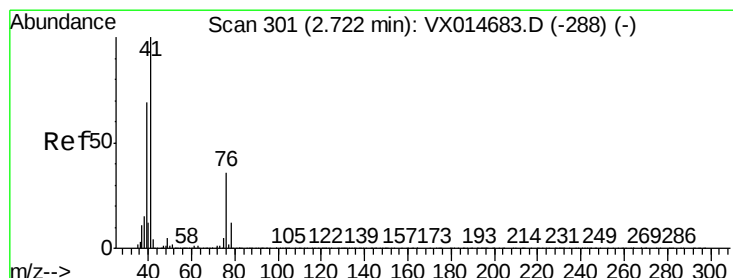
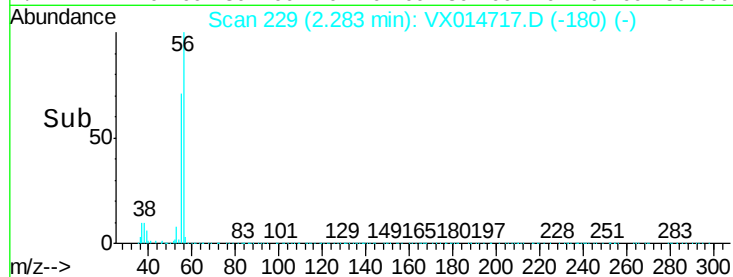
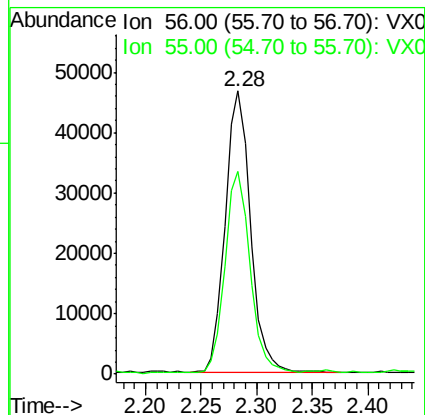
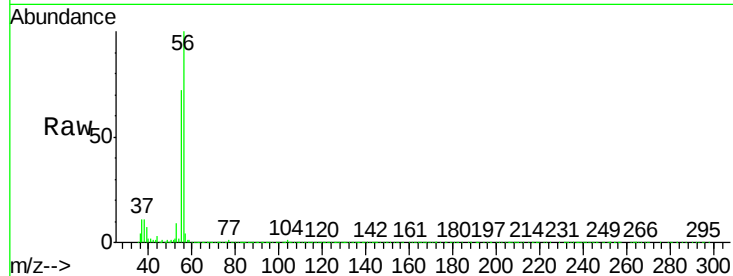
56 100

55 69.7 56.6 84.8

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#14

Allyl chloride

Concen: 19.220 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

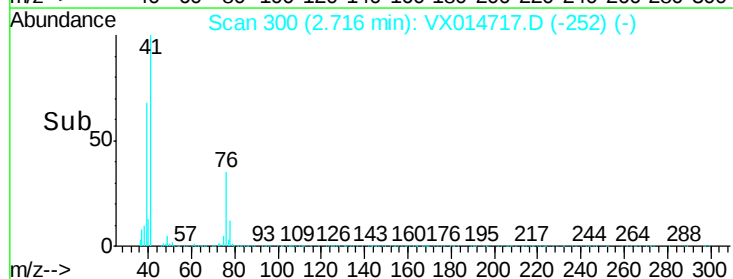
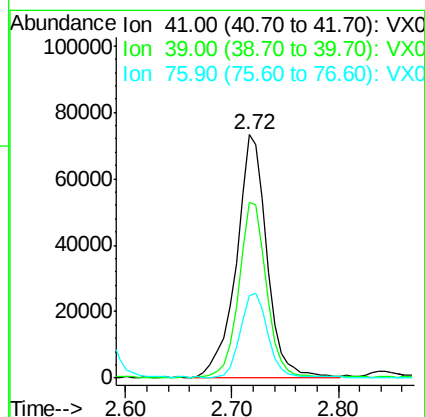
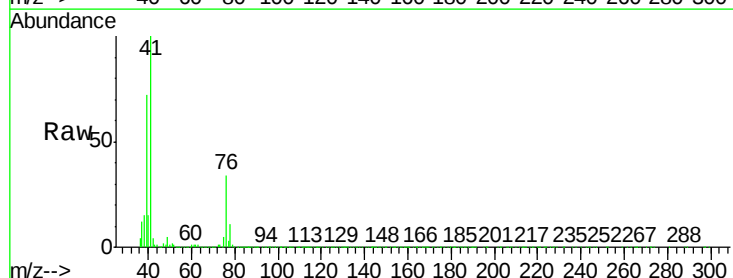
Tgt Ion: 41 Resp: 148383

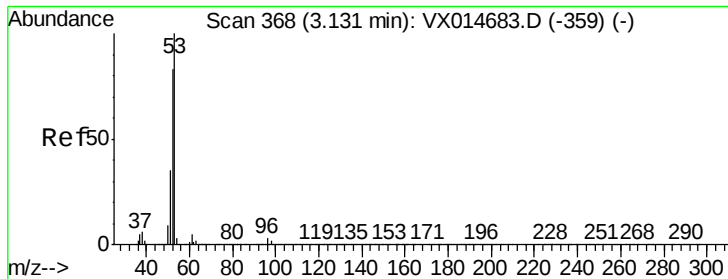
Ion Ratio Lower Upper

41 100

39 66.1 52.0 78.0

76 31.1 26.0 39.0





#15

Acrylonitrile

Concen: 95.725 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

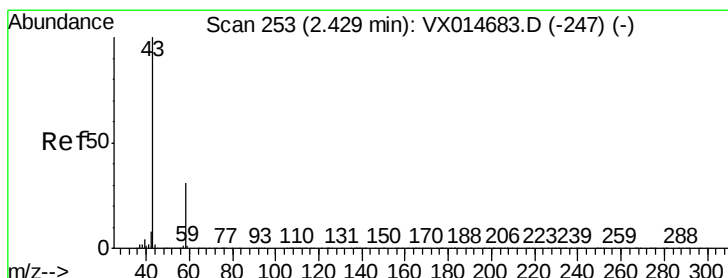
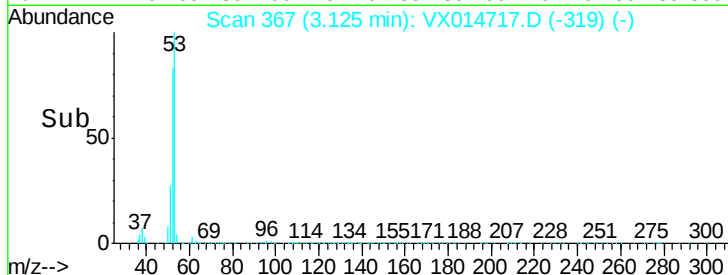
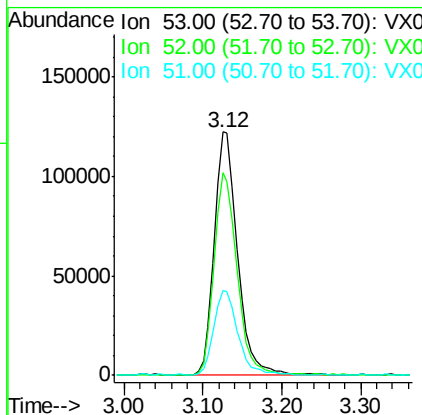
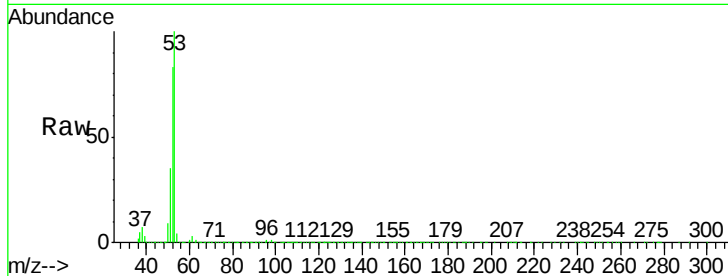
ClientSampleId :

VX0127WBSD01

Tot Ion:	53	Resp:	250899
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 98.383 ug/l

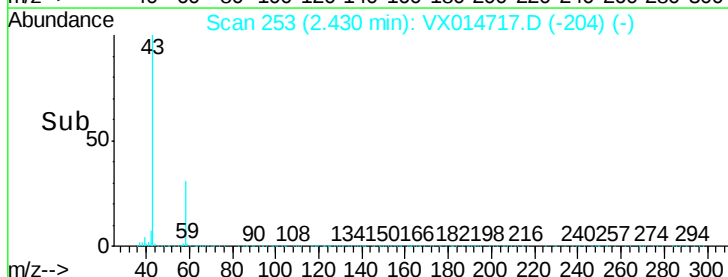
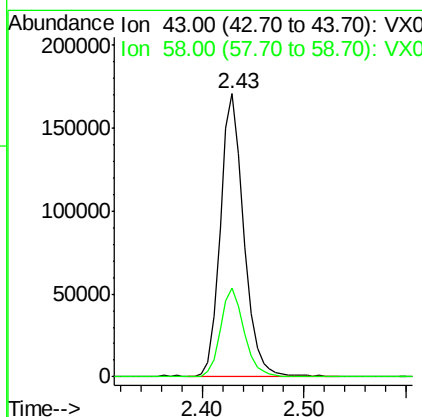
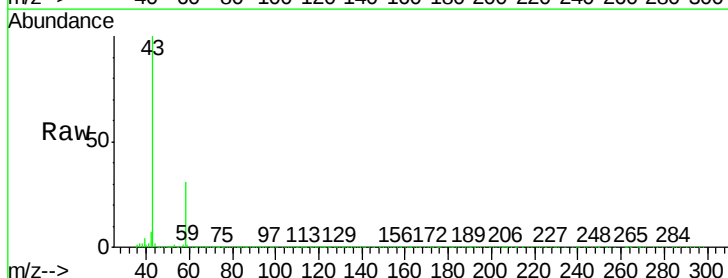
RT: 2.43 min Scan# 253

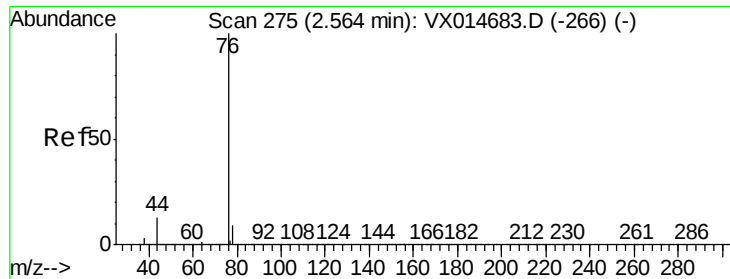
Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	43	Resp:	271811
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.5	36.7





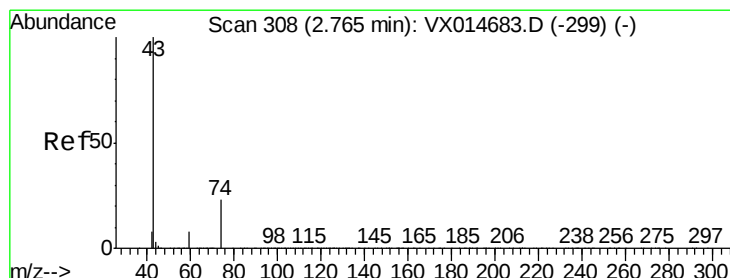
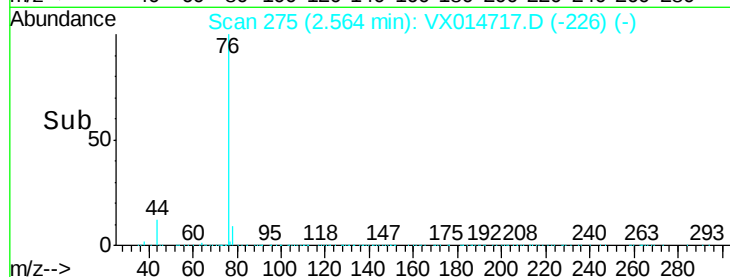
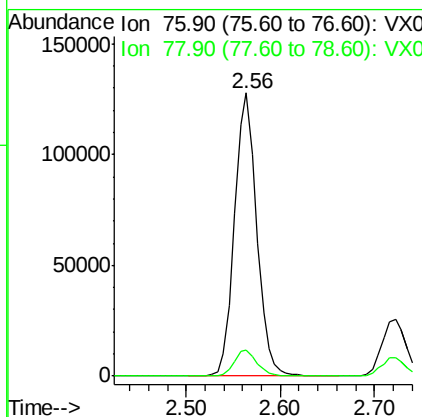
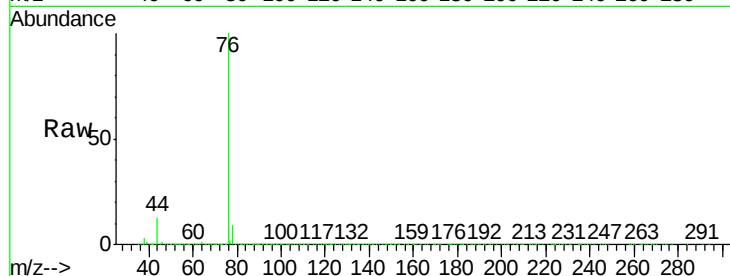
#17
Carbon Disulfide
Concen: 17.789 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

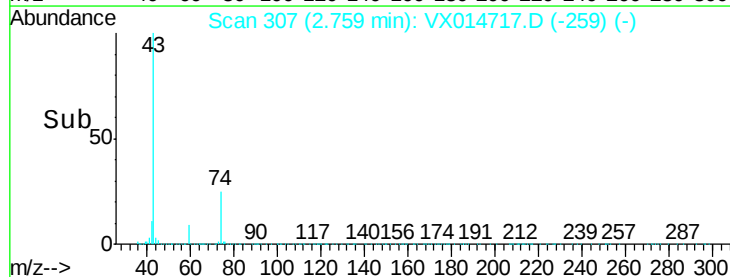
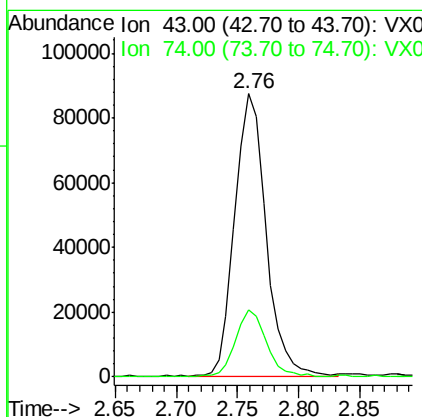
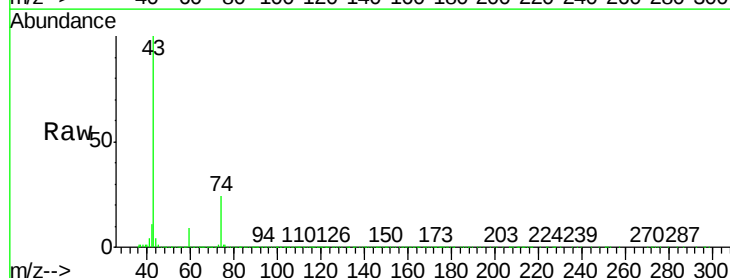
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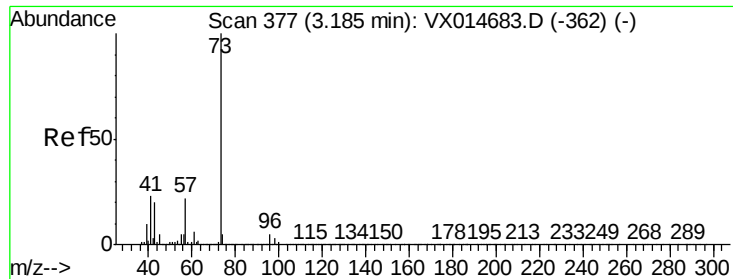
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#18
Methyl Acetate
Concen: 19.634 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.5	27.7





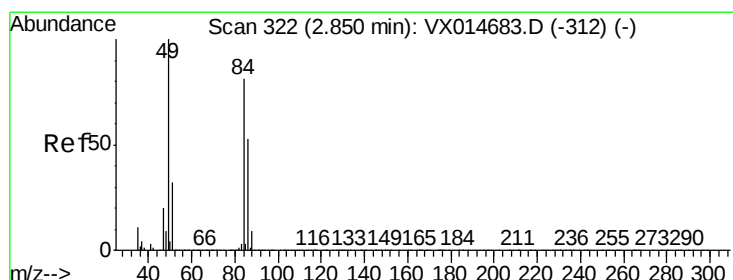
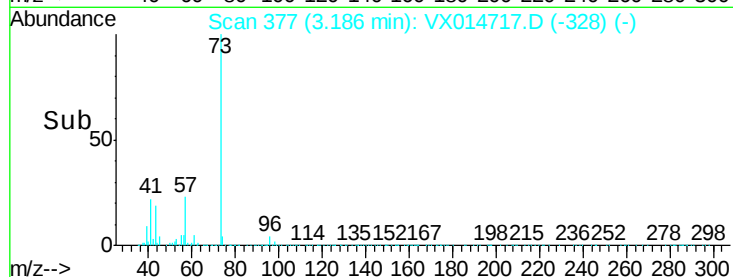
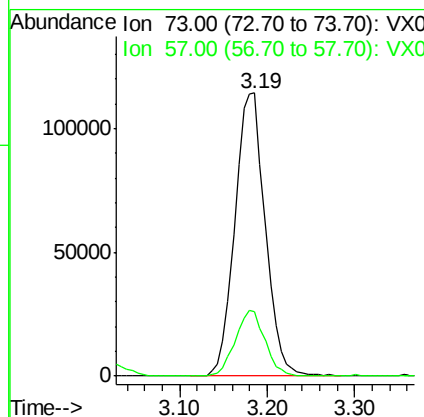
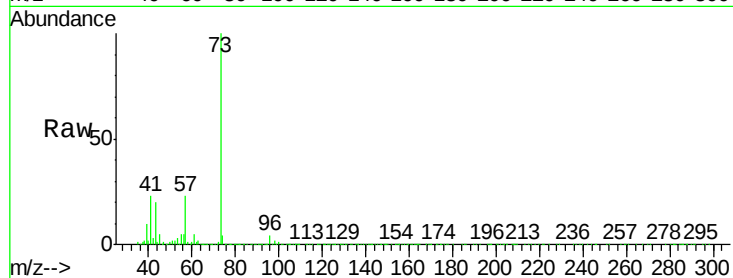
#19
Methvl tert-butvl Ether
Concen: 19.578 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.0	27.0

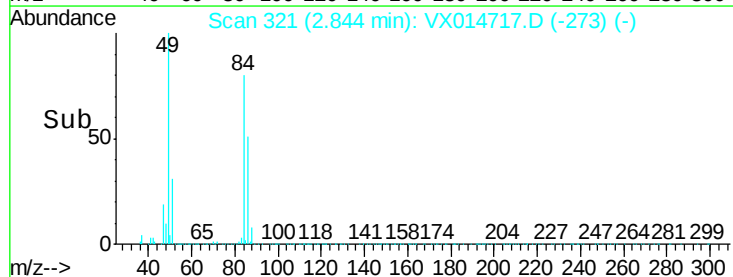
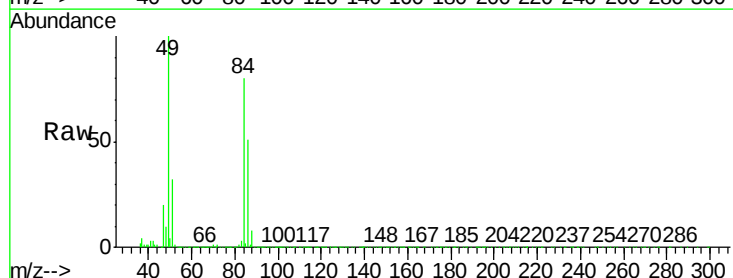
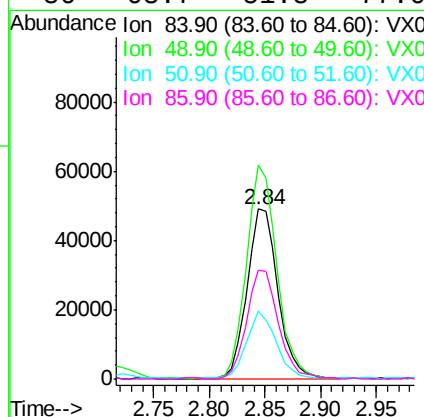
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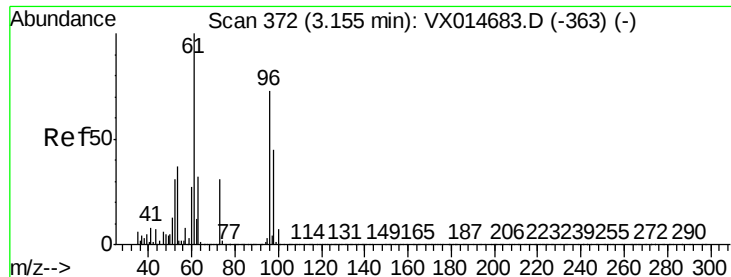
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#20
Methylene Chloride
Concen: 18.505 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	98.2	147.4
51	39.0	31.3	46.9
86	63.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.223 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

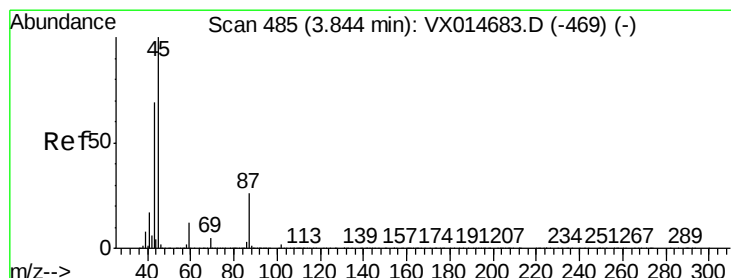
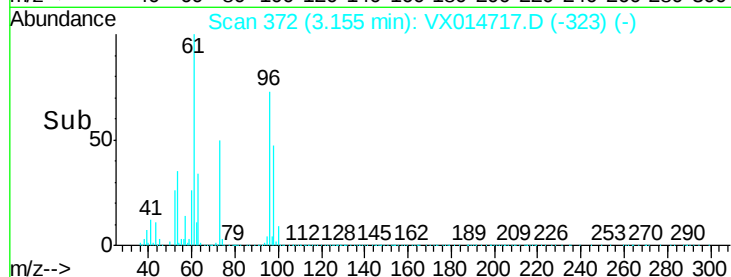
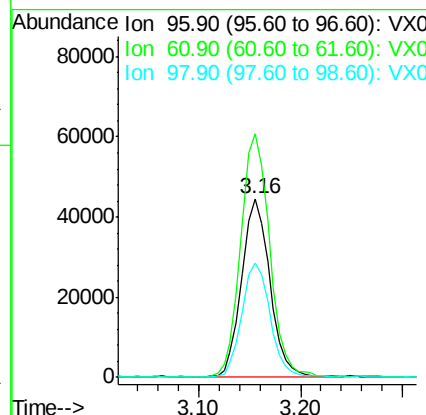
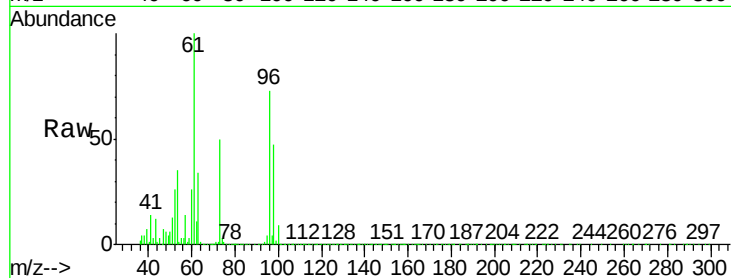
ClientSampleId :

VX0127WBSD01

Tot Ion:	96	Resp:	86183
Ion Ratio	Lower	Upper	
96	100		
61	135.8	109.8	164.6
98	63.7	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.557 ug/l

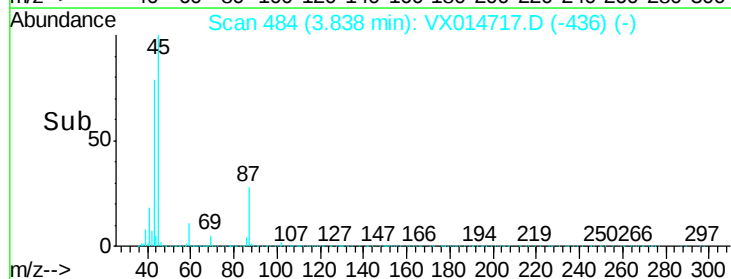
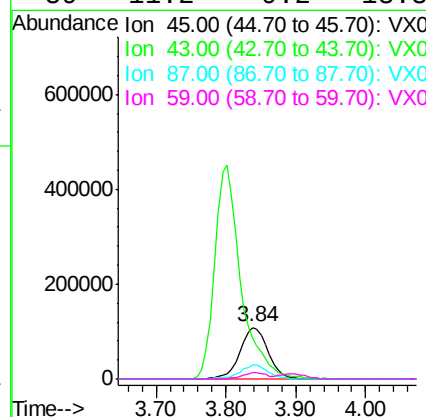
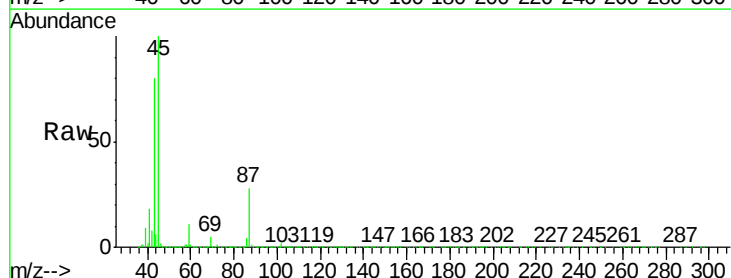
RT: 3.84 min Scan# 484

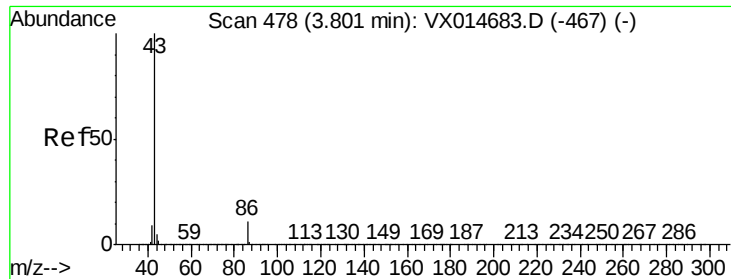
Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	45	Resp:	300404
Ion Ratio	Lower	Upper	
45	100		
43	79.1	55.1	82.7
87	27.6	20.7	31.1
59	11.2	9.2	13.8





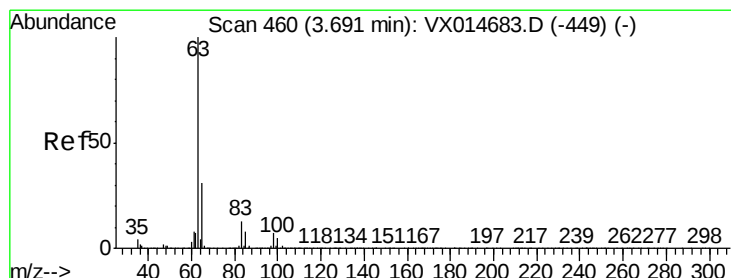
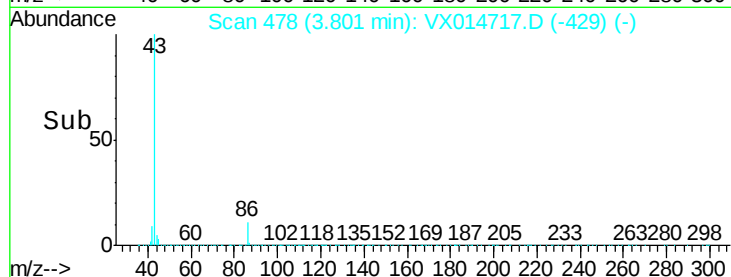
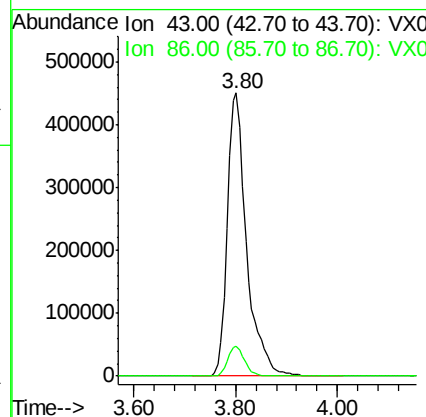
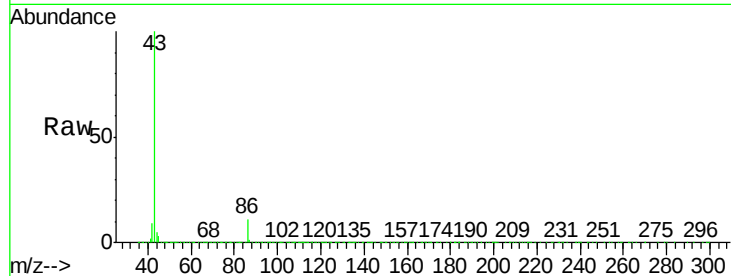
#23
 Vinyl Acetate
 Concen: 100.613 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion: 43 Resp: 1178063
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

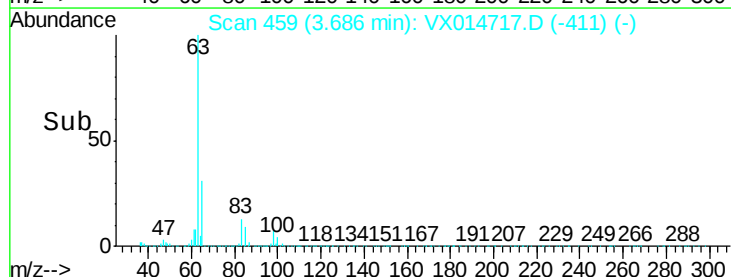
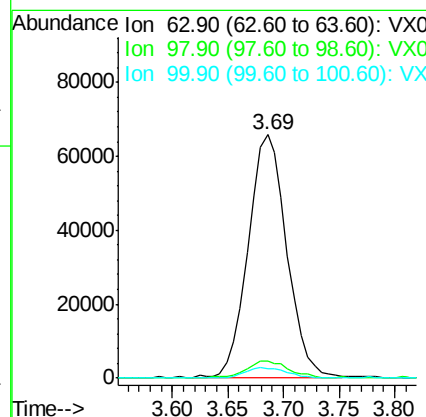
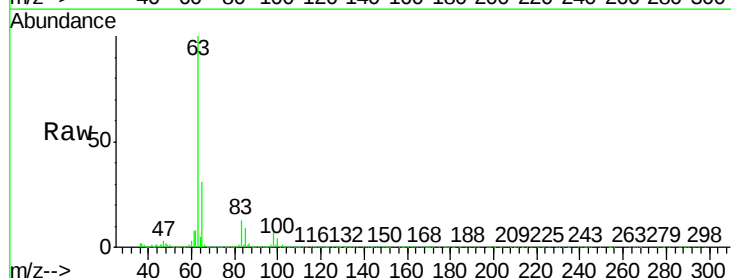
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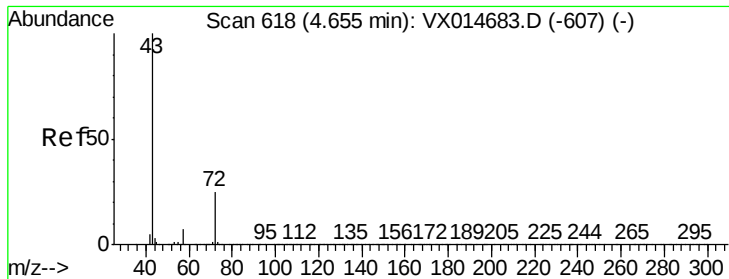
MMDadoda
 1/28/2020 11:18:29 AM



#24
 1,1-Dichloroethane
 Concen: 19.103 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 63 Resp: 159355
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 93.791 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 43 Resp: 371603

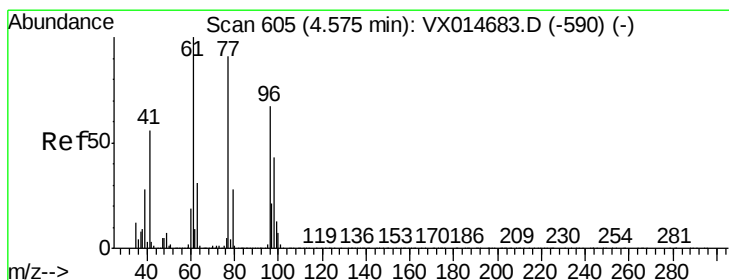
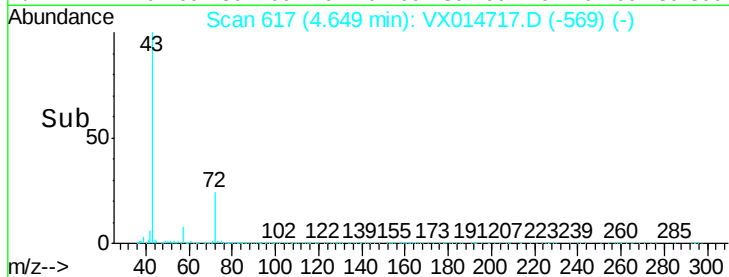
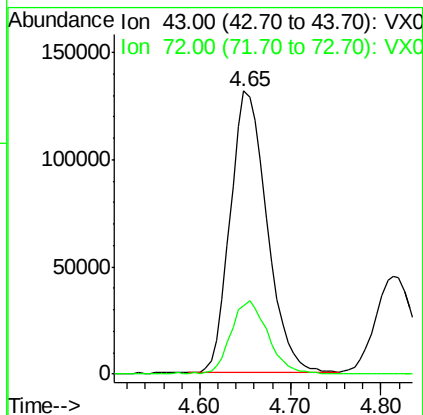
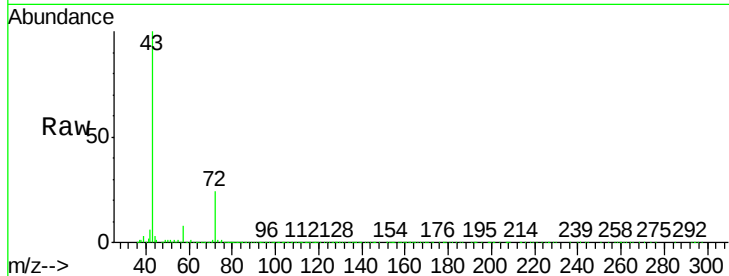
Ion Ratio Lower Upper

43 100

72 23.8 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 18.852 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014717.D

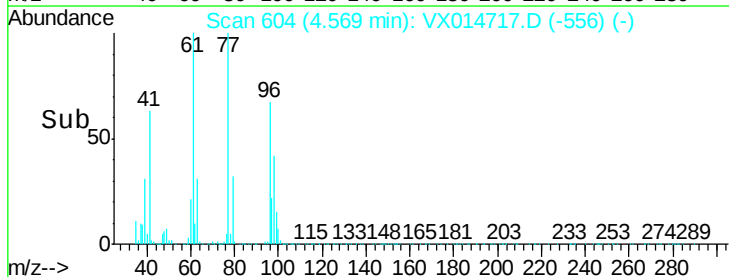
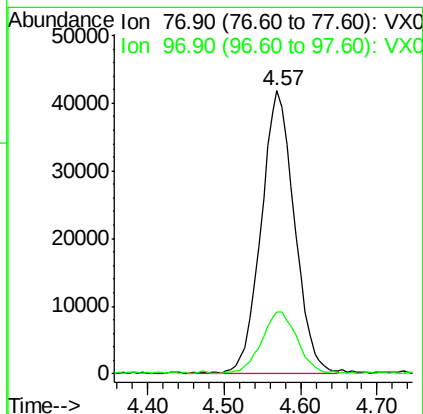
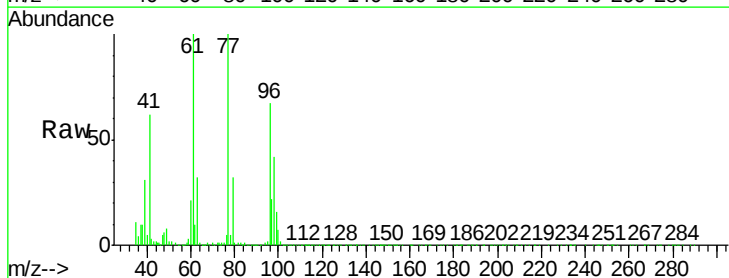
Acq: 27 Jan 2020 11:38

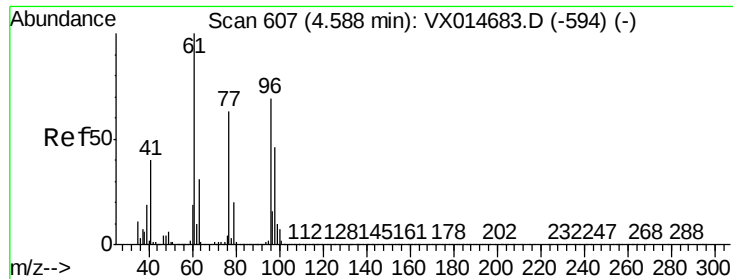
Tgt Ion: 77 Resp: 125874

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

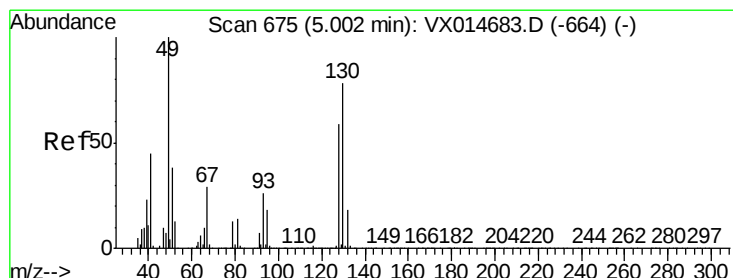
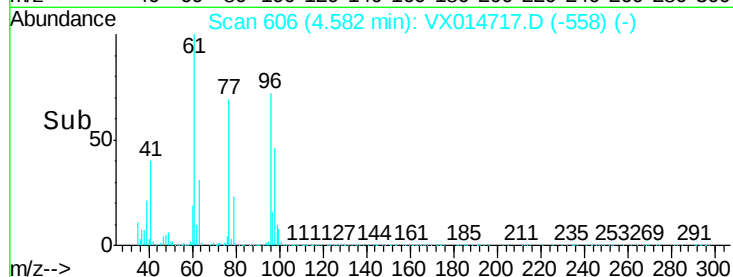
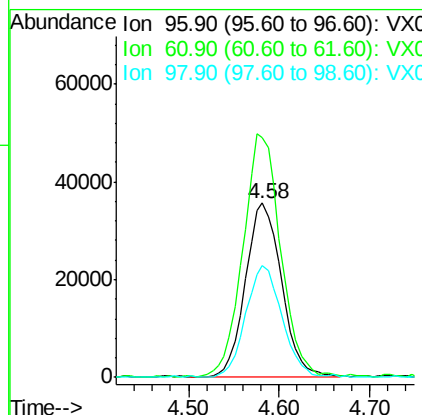
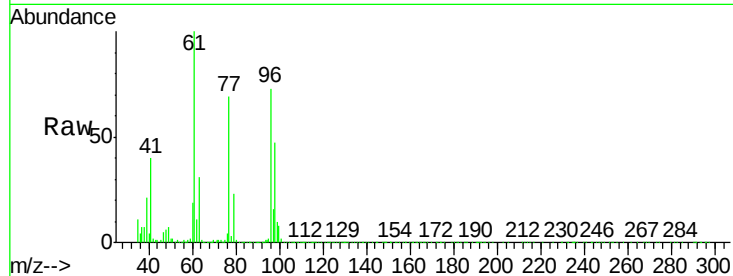
cis-1,2-Dichloroethene
Concen: 18.703 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.3	0.0	291.0	
98	63.7	0.0	129.8	

Manual Integrations
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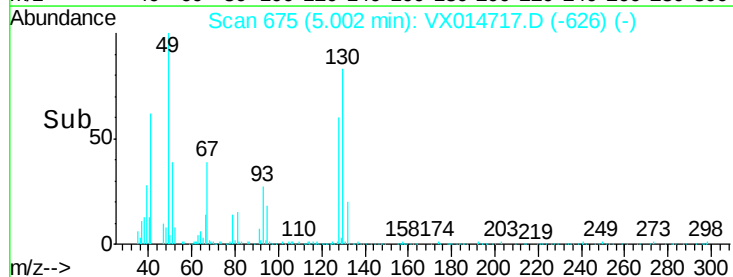
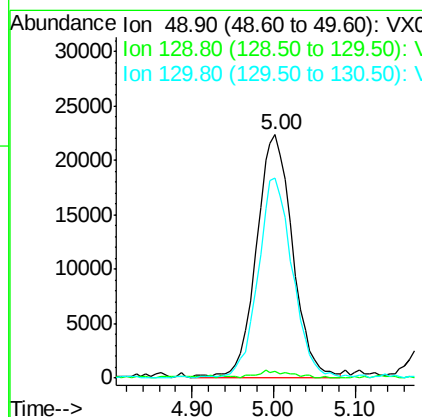
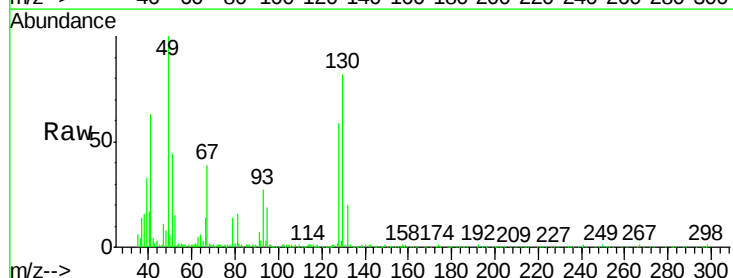
MMDadoda
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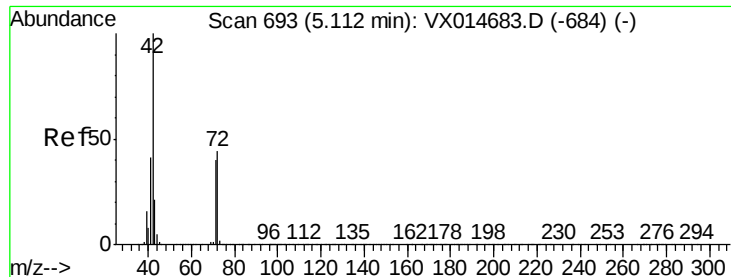


#28

Bromochloromethane
Concen: 18.928 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.0	0.0	4.8	
130	77.4	62.4	93.6	





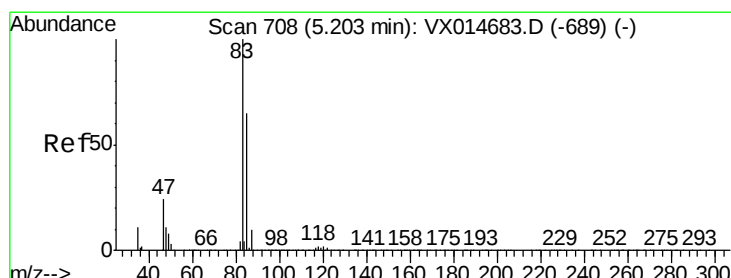
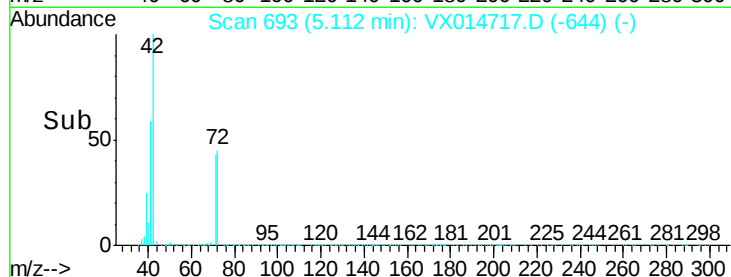
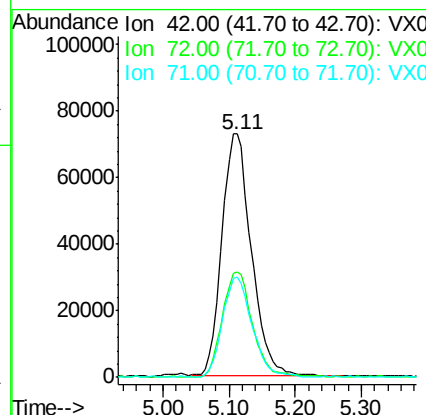
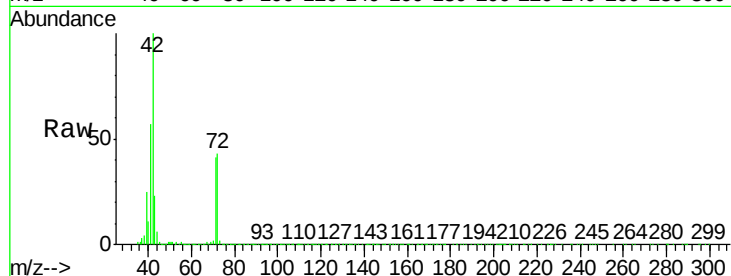
#29
Tetrahydrofuran
Concen: 95.544 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.3	52.9
71	41.0	33.1	49.7

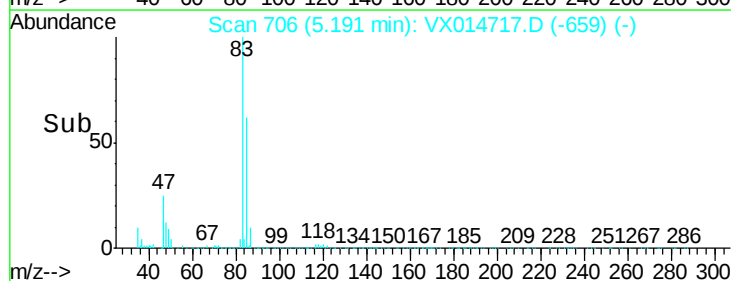
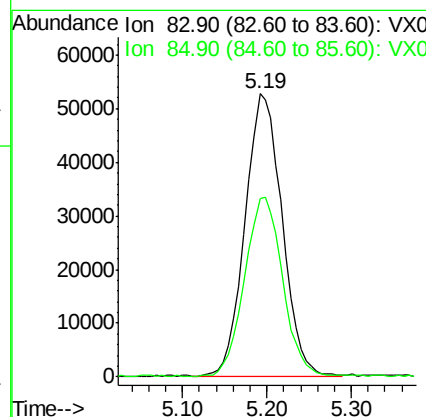
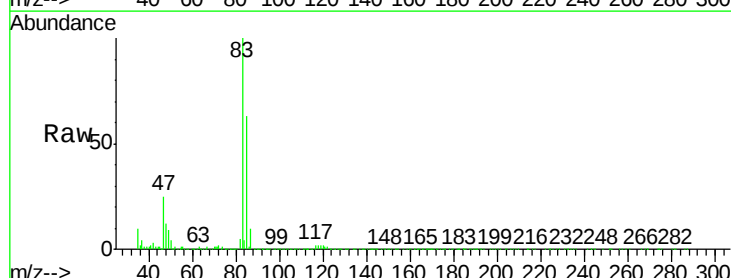
Manual Integrations
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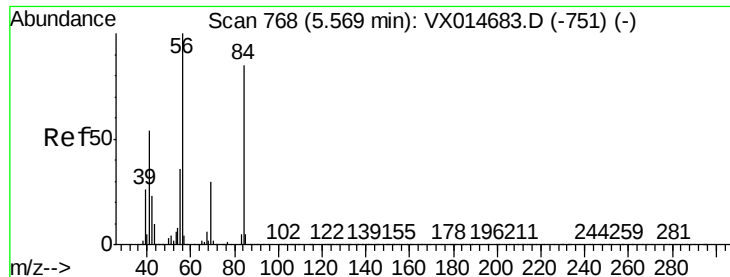
MMDadoda
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#30
Chloroform
Concen: 18.971 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.7	77.5





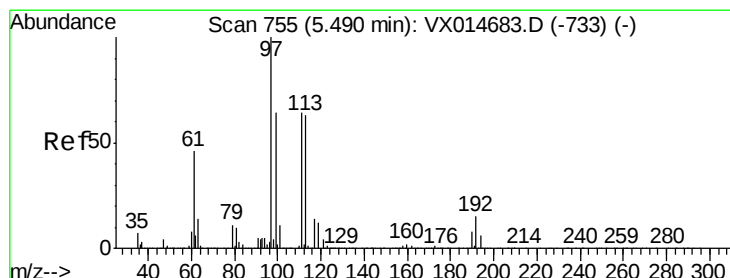
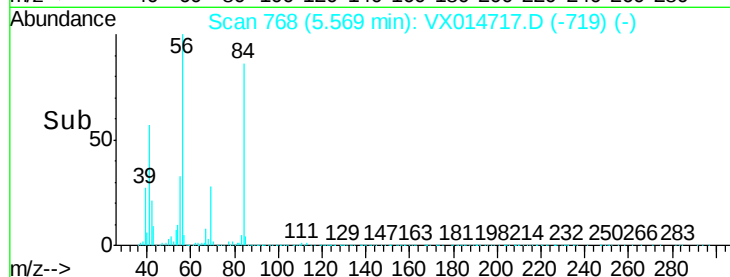
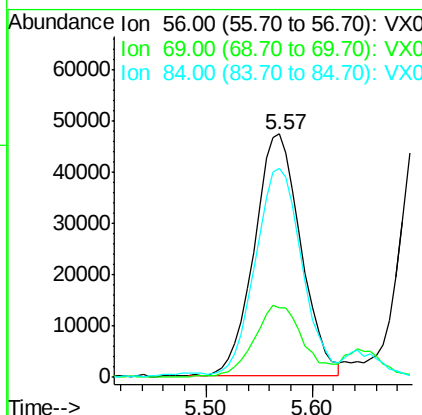
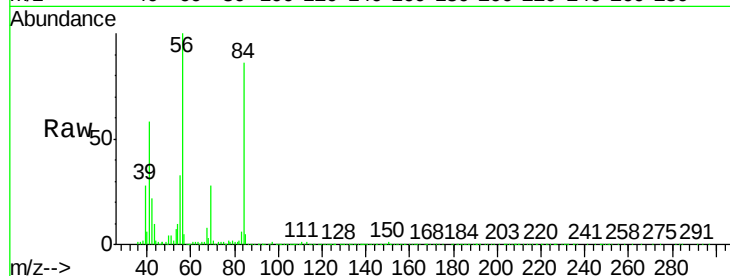
#31
Cyclohexane
Concen: 18.457 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.4	35.2
84	84.6	68.4	102.6

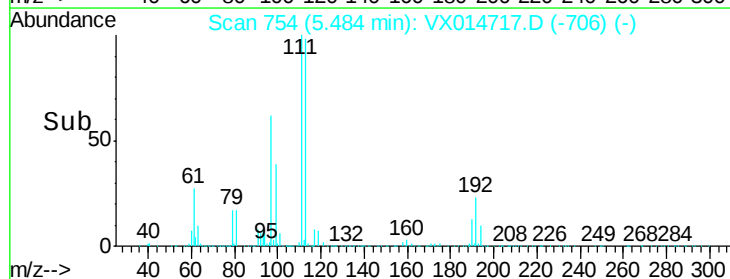
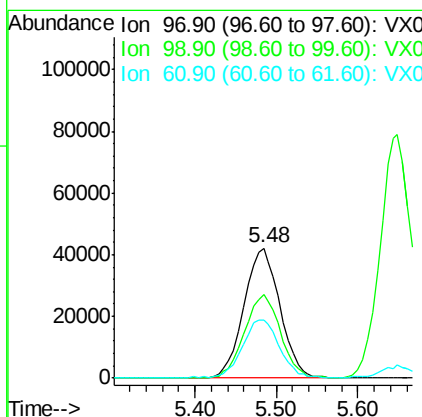
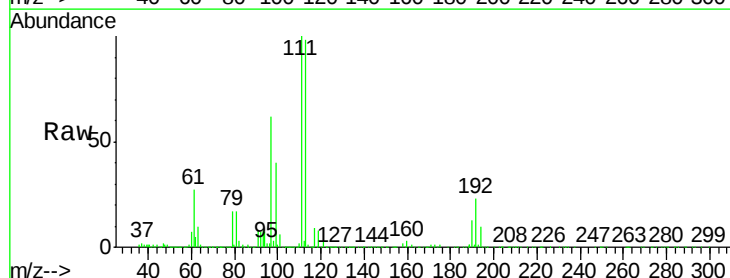
Manual Integrations
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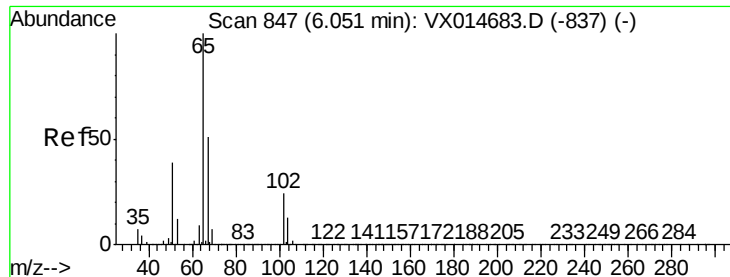
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#32
1,1,1-Trichloroethane
Concen: 18.390 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	47.1	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 47.950 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

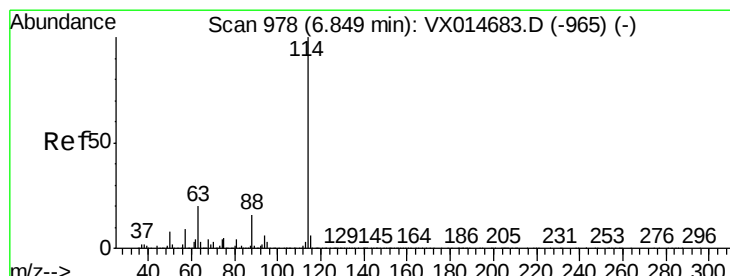
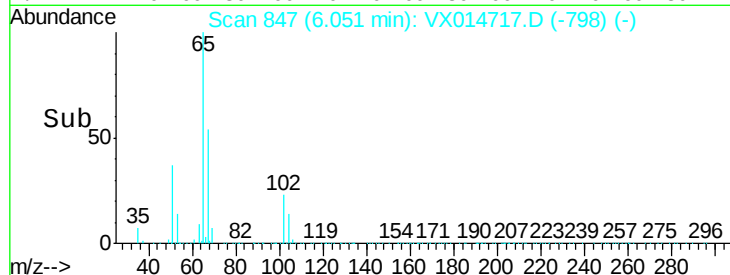
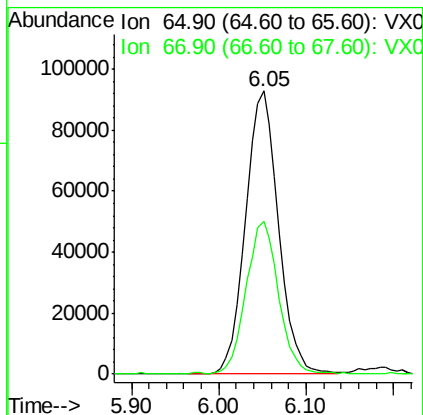
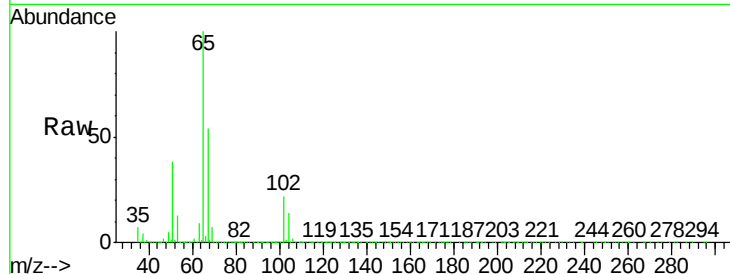
Tot Ion: 65 Resp: 241937
Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014717.D

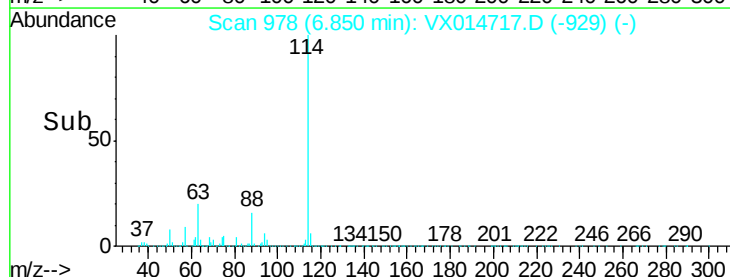
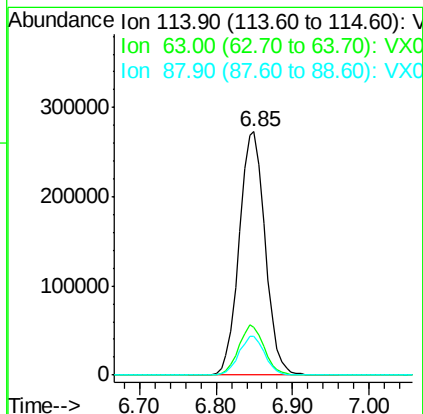
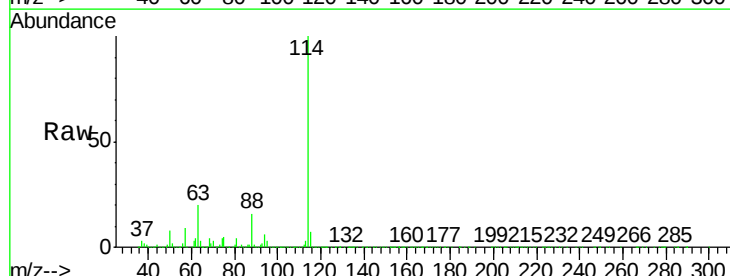
Acq: 27 Jan 2020 11:38

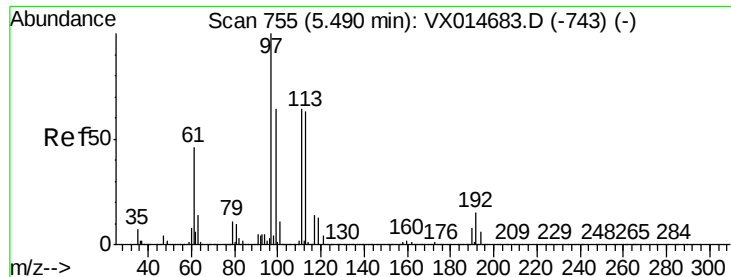
Tgt Ion: 114 Resp: 640544
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.593 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

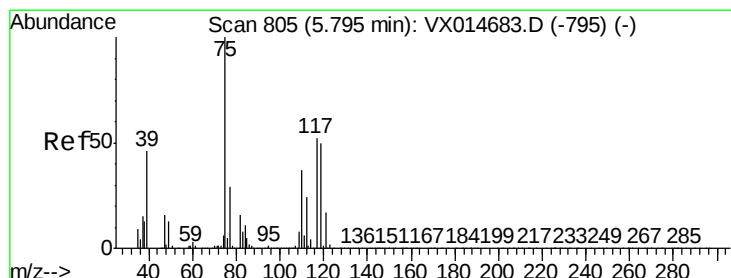
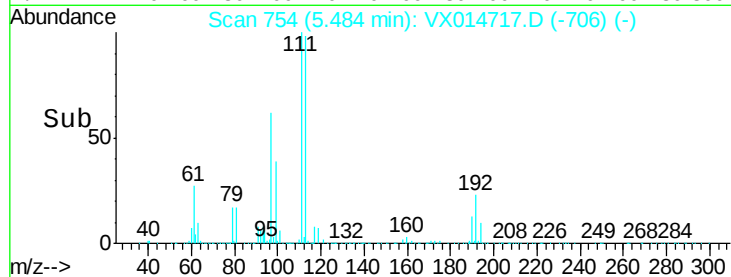
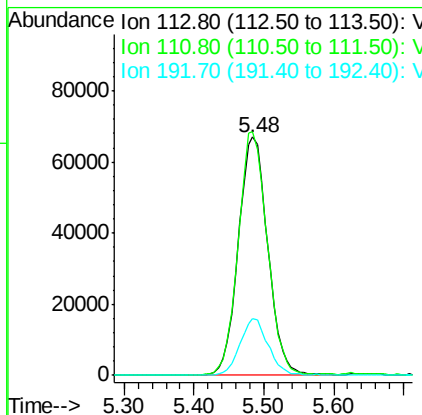
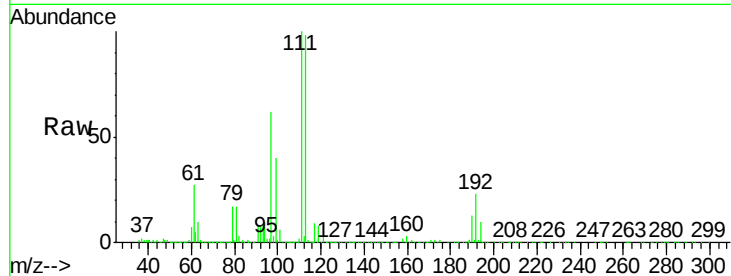
ClientSampleId :

VX0127WBSD01

Tot Ion:	113	Resp:	196404
Ion Ratio	Lower	Upper	
113	100		
111	100.8	80.7	121.1
192	23.0	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 19.355 ug/l

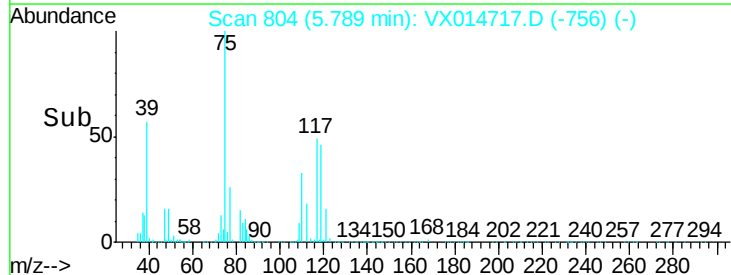
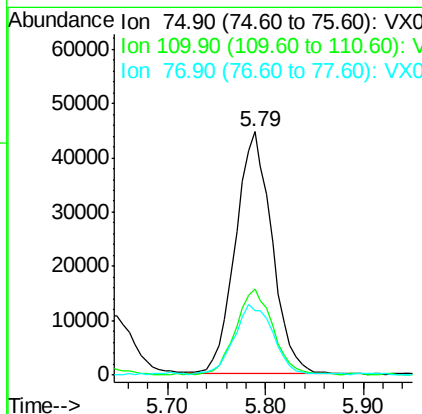
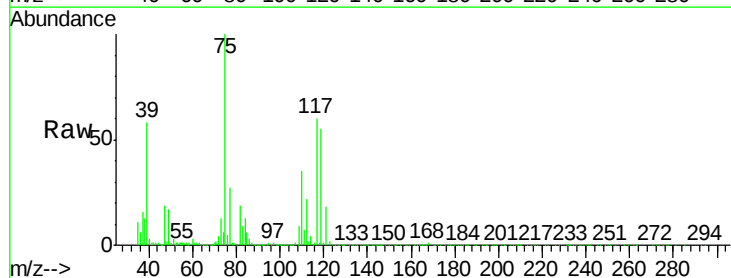
RT: 5.79 min Scan# 804

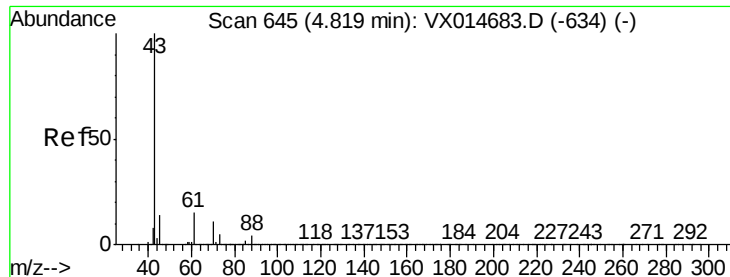
Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	75	Resp:	115202
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.9	53.7
77	30.6	24.1	36.1





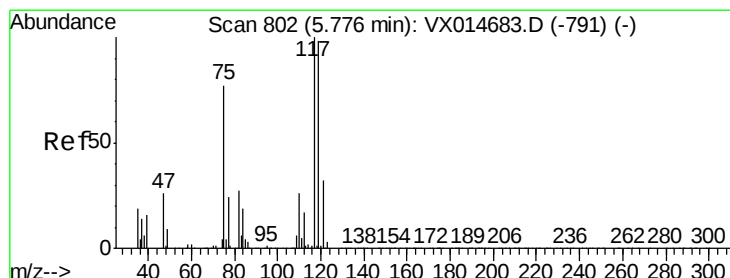
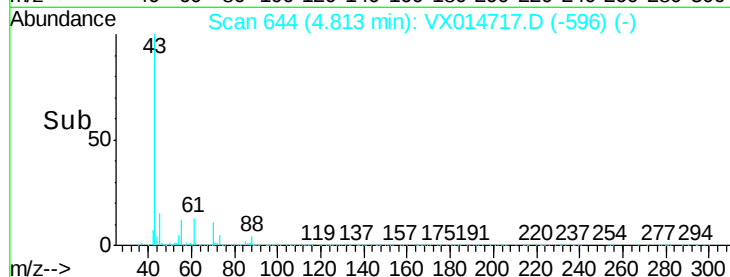
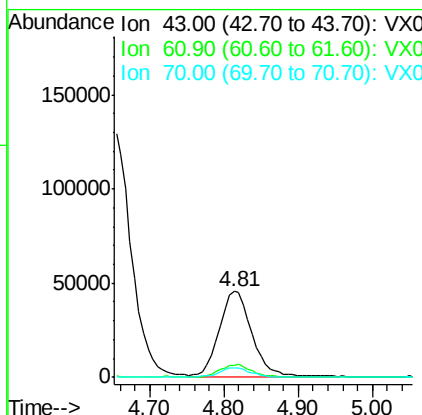
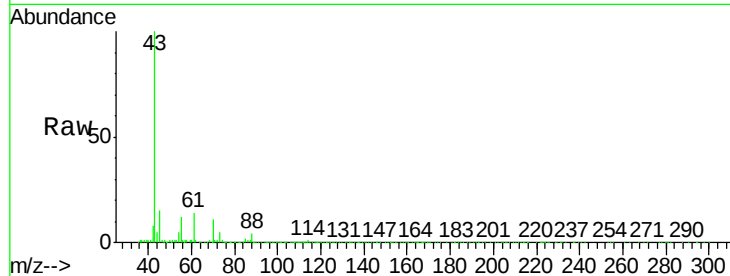
#37
Ethyl Acetate
Concen: 20.128 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.0	16.4
70	10.6	8.5	12.7

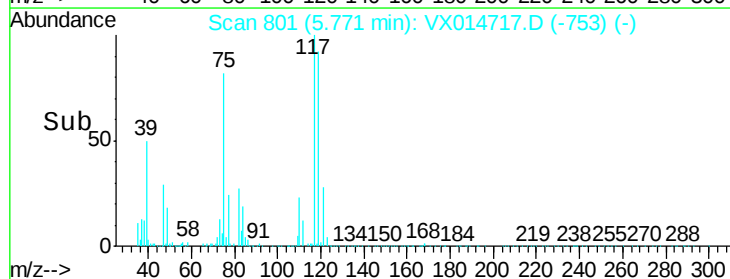
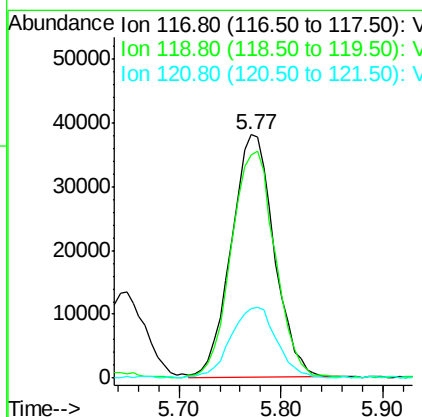
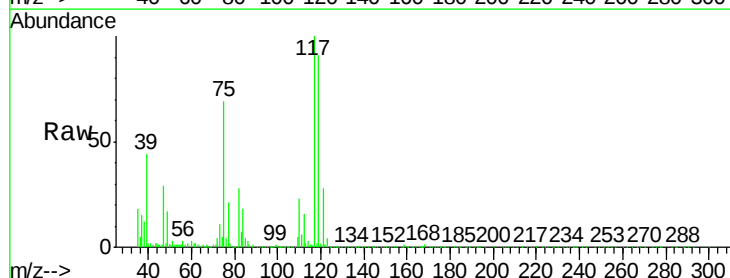
Manual Integrations
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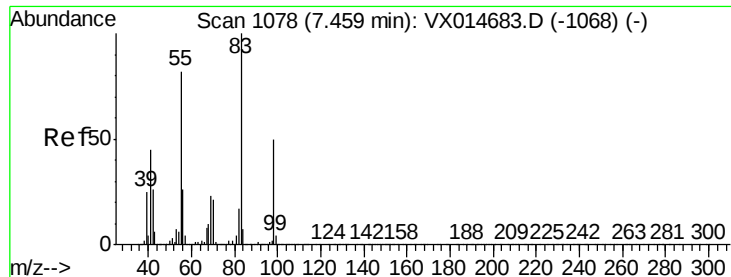
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#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.9	116.9
121	28.3	25.4	38.2





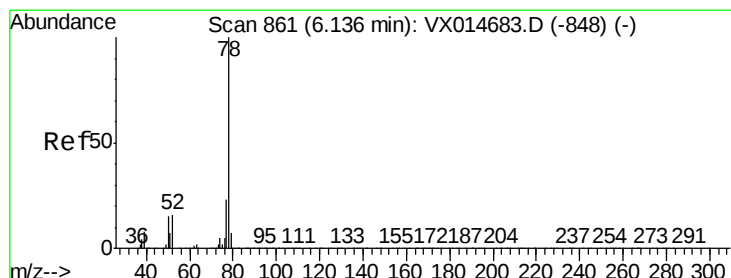
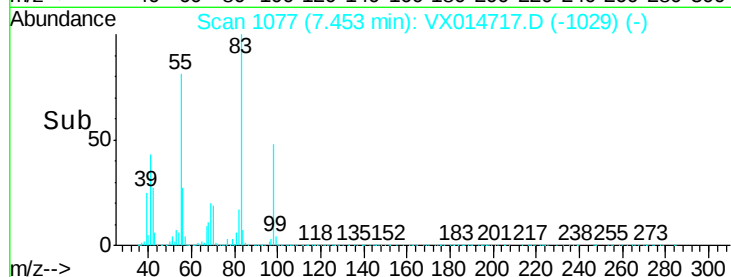
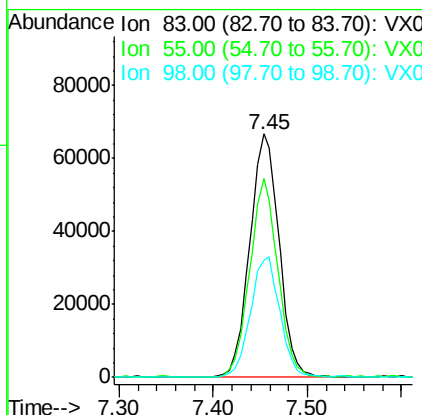
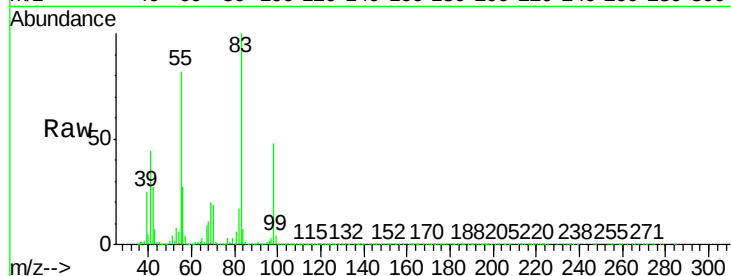
#39
Methvlcvclohexane
Concen: 19.505 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	145435		
55	81.6	65.6	98.4	
98	48.3	40.2	60.4	

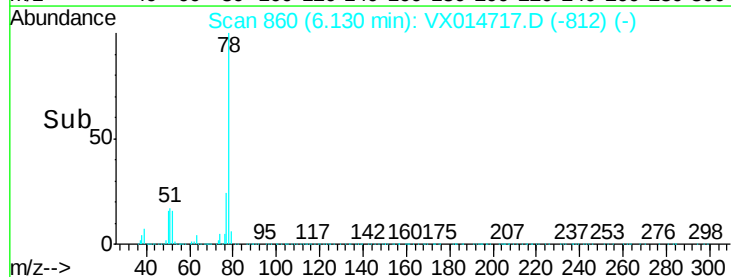
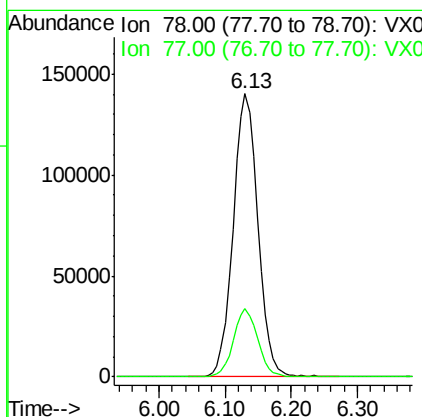
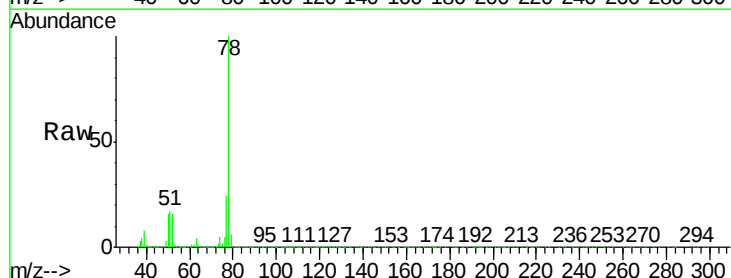
Manual Integrations
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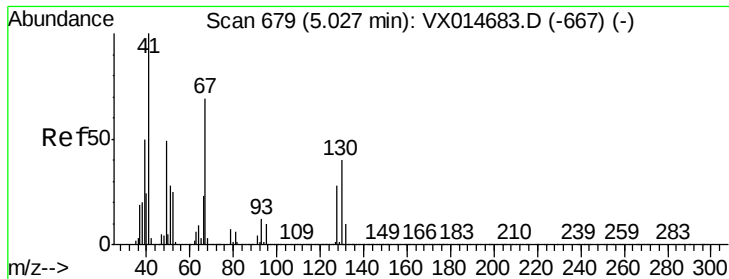
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#40
Benzene
Concen: 19.759 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	363364		
77	23.9	18.7	28.1	





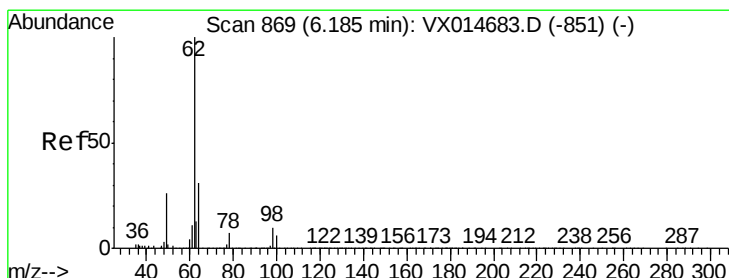
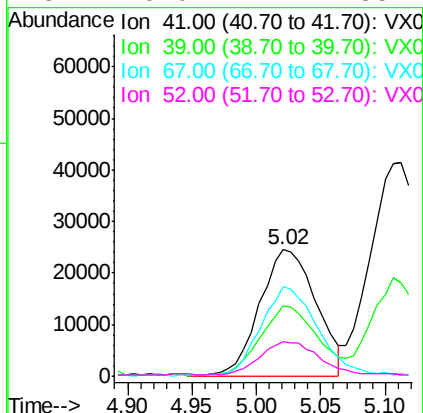
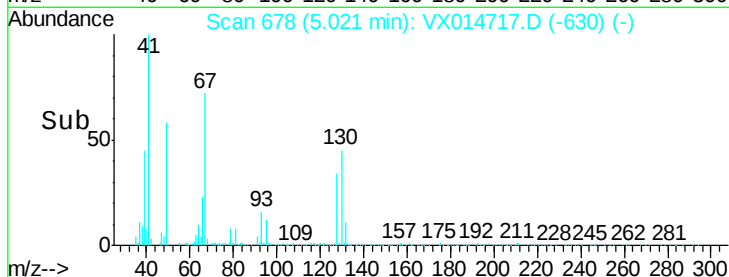
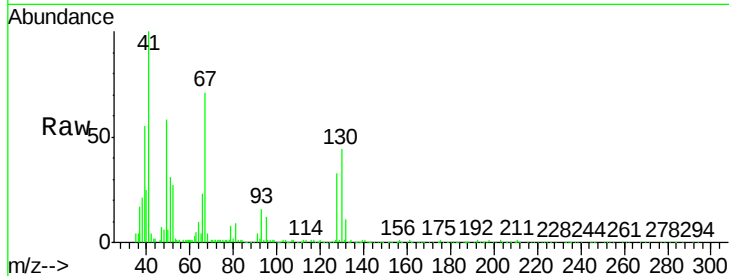
#41
Methacrylonitrile
Concen: 19.100 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	42.2	63.2	
67	71.1	55.4	83.0	
52	26.0	22.1	33.1	

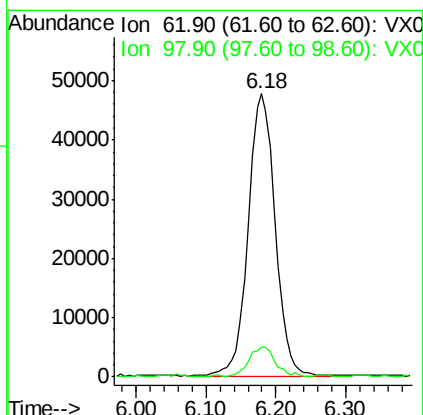
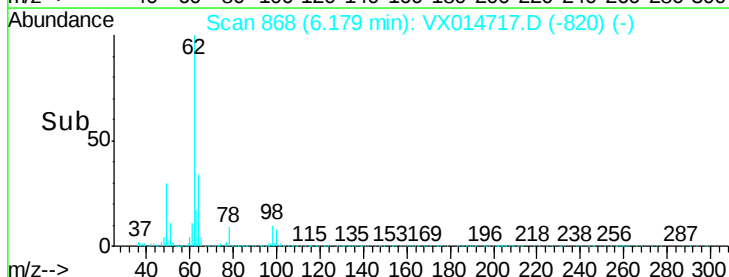
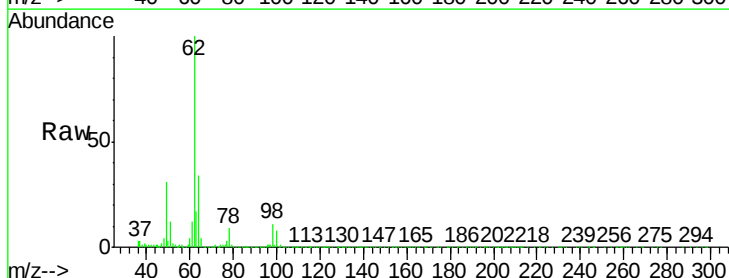
Manual Integrations
APPROVED

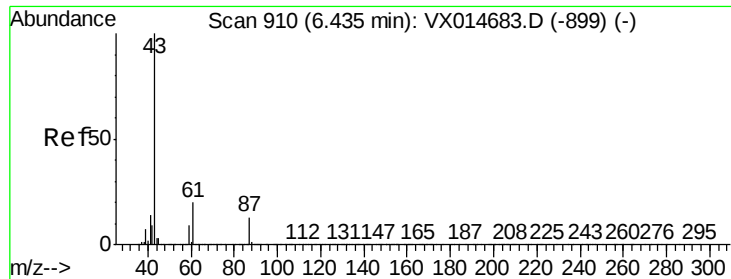
MMDadoda
1/28/2020 11:18:29 AM



#42
1,2-Dichloroethane
Concen: 20.198 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.0	





#43

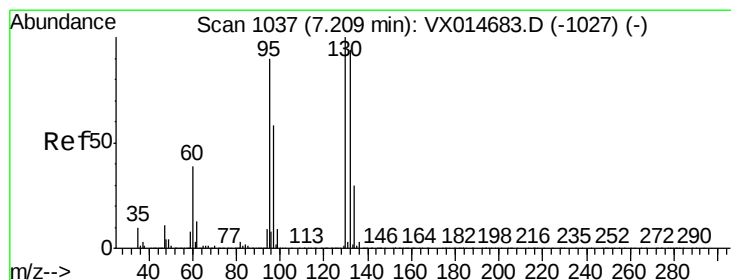
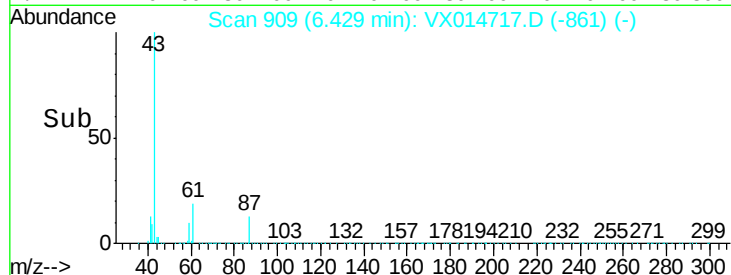
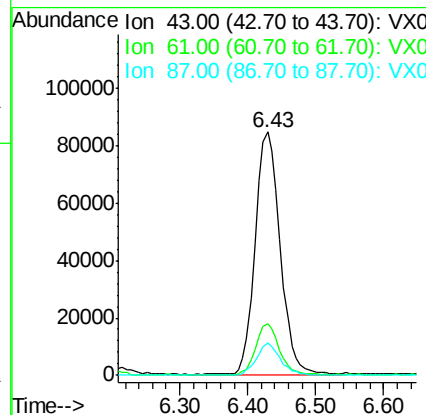
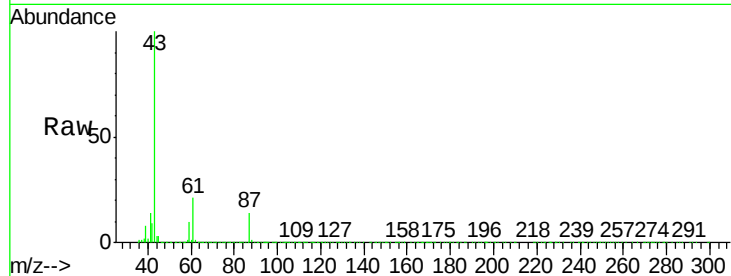
Isopropyl Acetate
 Concen: 19.756 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.4
87	12.4	10.5	15.7

Manual Integrations
 APPROVED

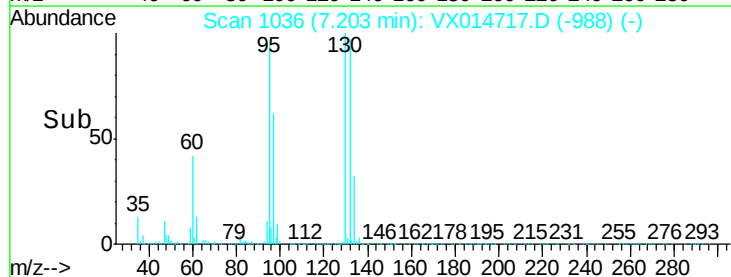
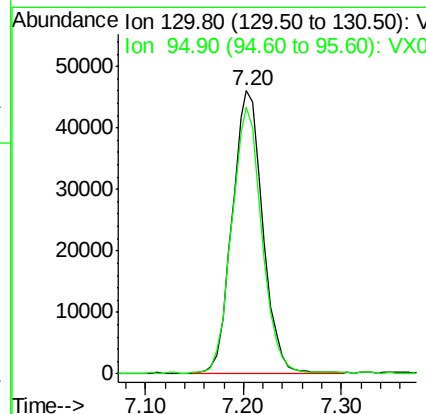
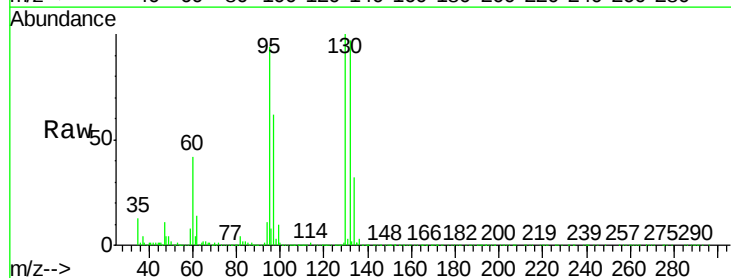
MMDadoda
 1/28/2020 11:18:29 AM

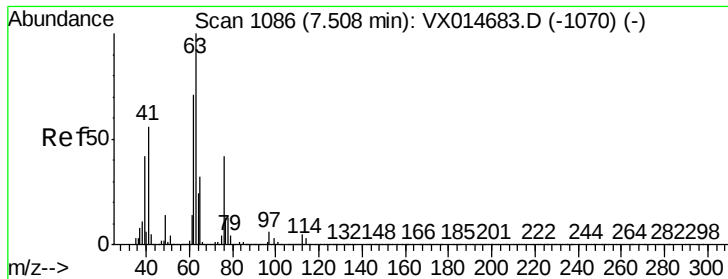


#44

Trichloroethene
 Concen: 19.229 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	179.8





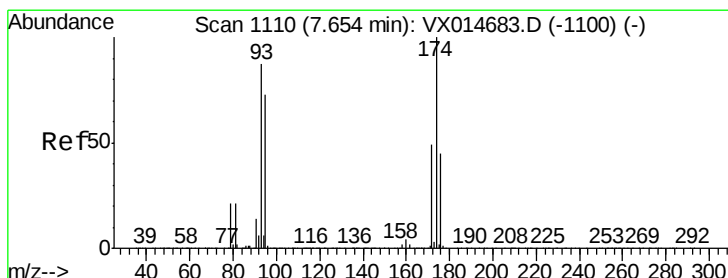
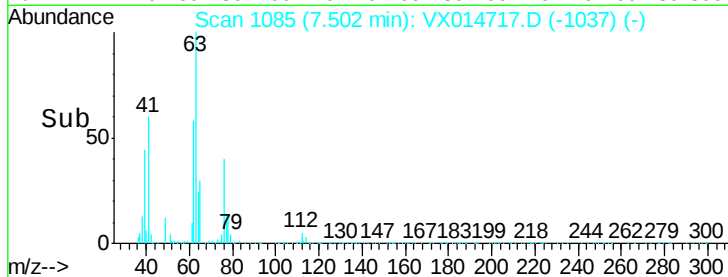
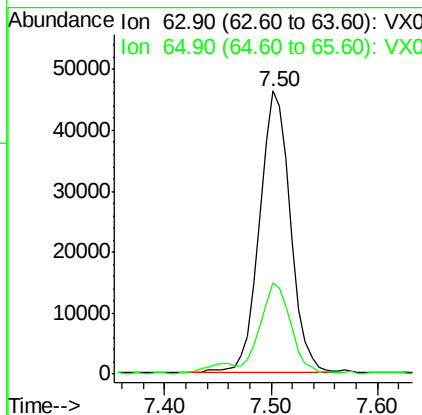
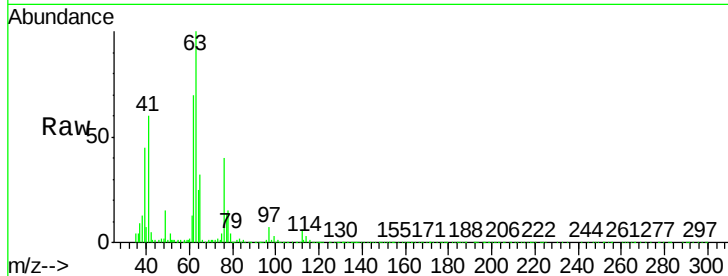
#45
 1,2-Dichloropropane
 Concen: 19.788 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.2	37.8

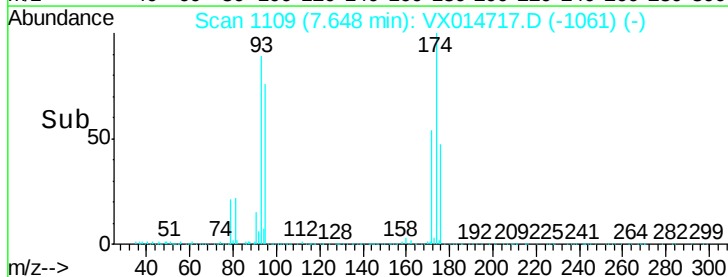
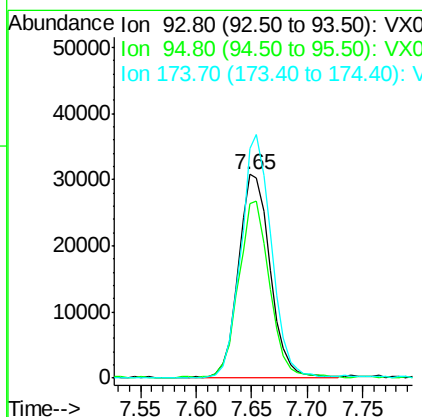
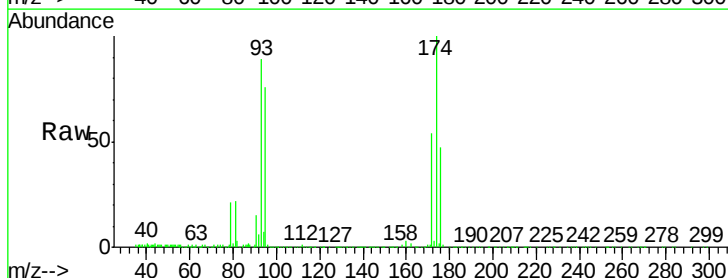
Manual Integrations
 APPROVED

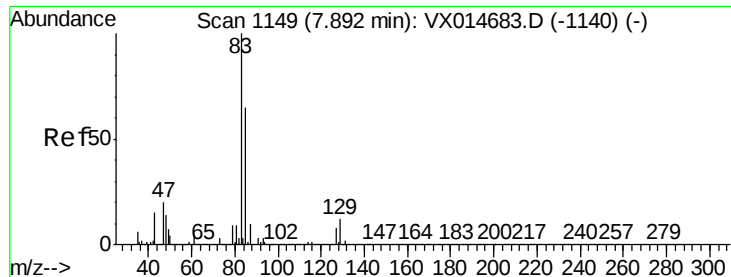
MMDadoda
 1/28/2020 11:18:29 AM



#46
 Dibromomethane
 Concen: 19.852 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.8	67.0	100.4
174	115.6	90.2	135.2





#47

Bromodichloromethane

Concen: 20.014 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

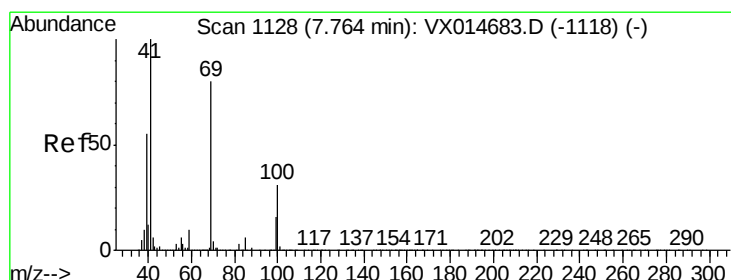
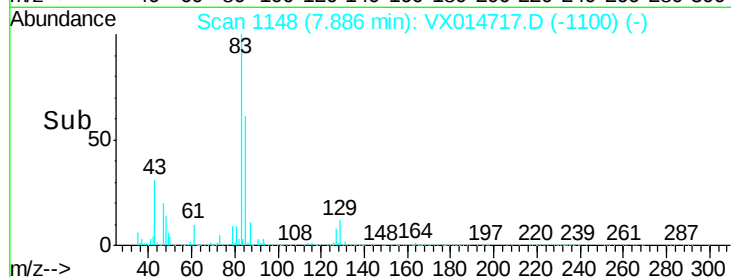
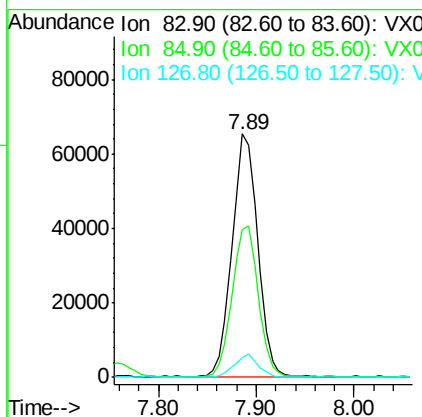
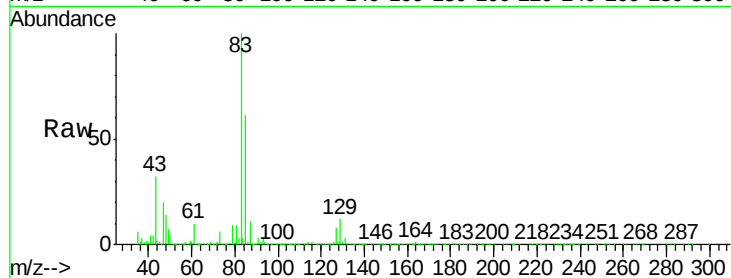
ClientSampleId :

VX0127WBSD01

Tot Ion:	83	Resp:	120448
Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.2	78.2
127	7.7	6.4	9.6

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 20.289 ug/l

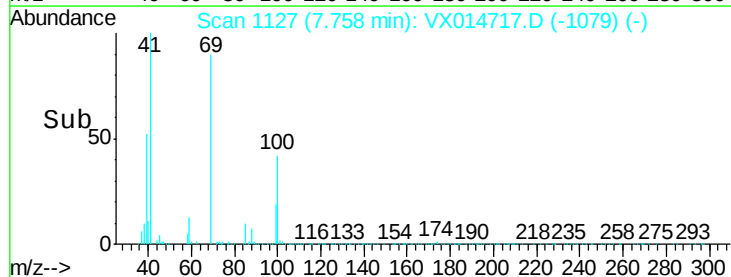
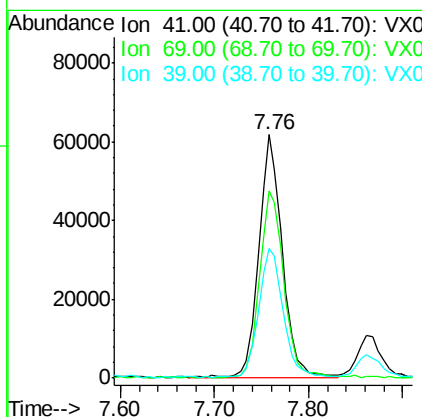
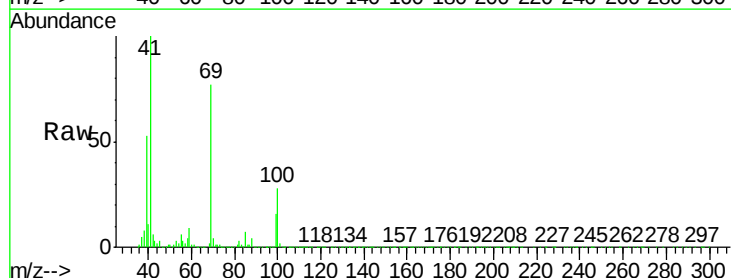
RT: 7.76 min Scan# 1127

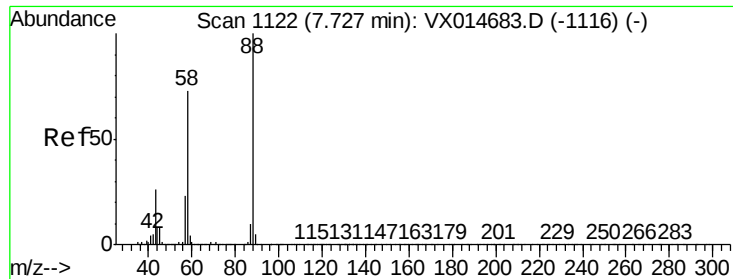
Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	41	Resp:	108215
Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.5	95.3
39	54.9	43.7	65.5





#49

1,4-Dioxane

Concen: 391.700 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

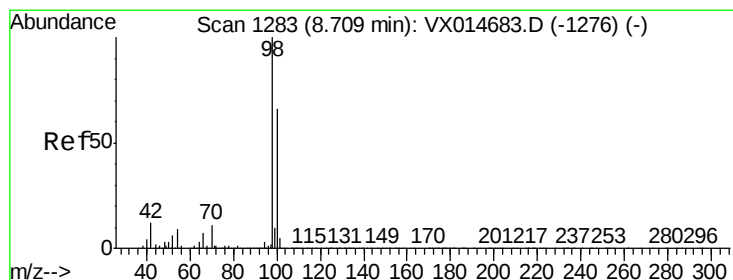
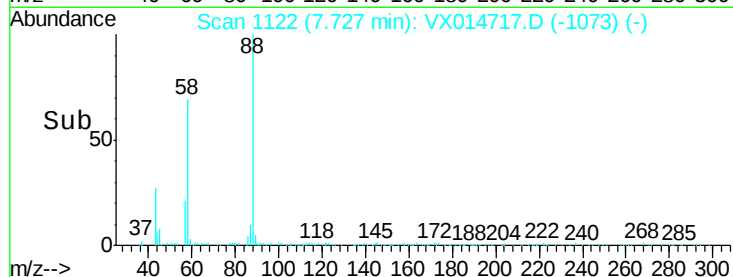
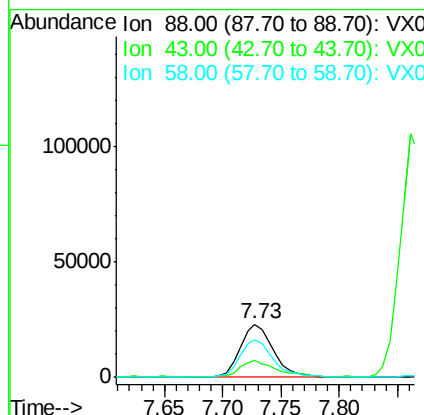
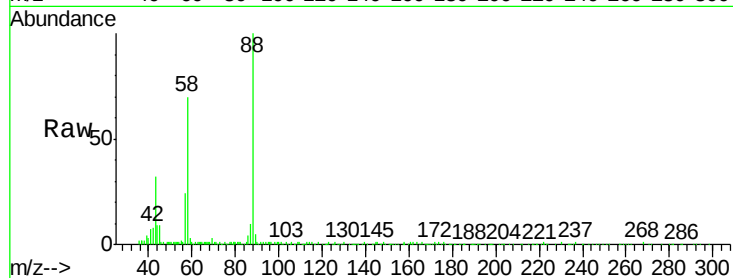
ClientSampleId :

VX0127WBSD01

Tot Ion:	88	Resp:	44286
Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.2	39.2
58	71.7	56.6	85.0

Manual Integrations
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#50

Toluene-d8

Concen: 47.964 ug/l

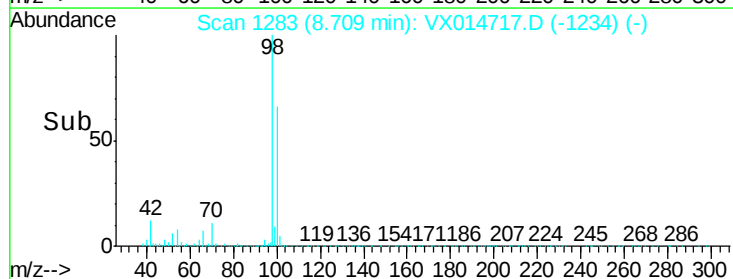
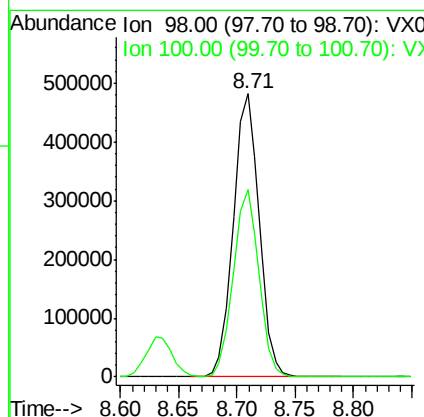
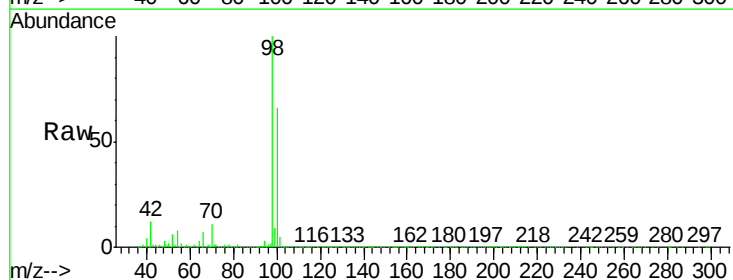
RT: 8.71 min Scan# 1283

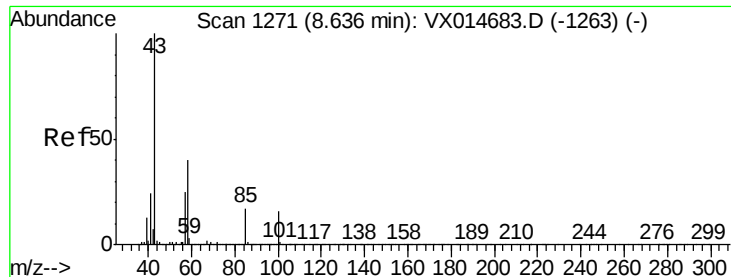
Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	98	Resp:	745276
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





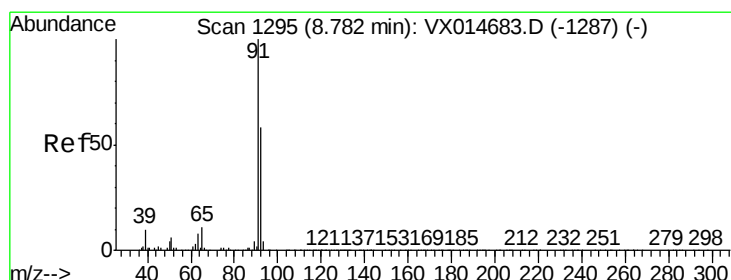
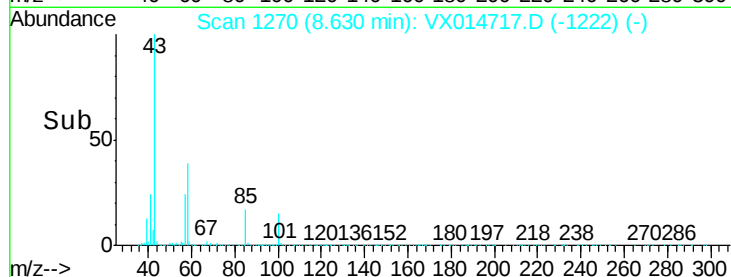
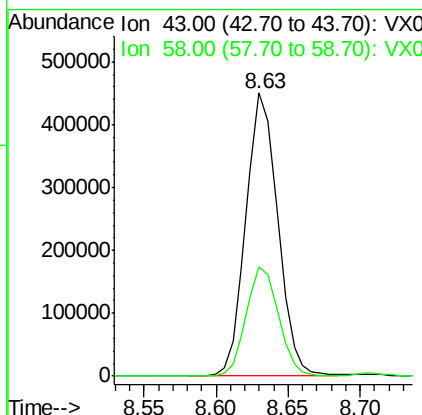
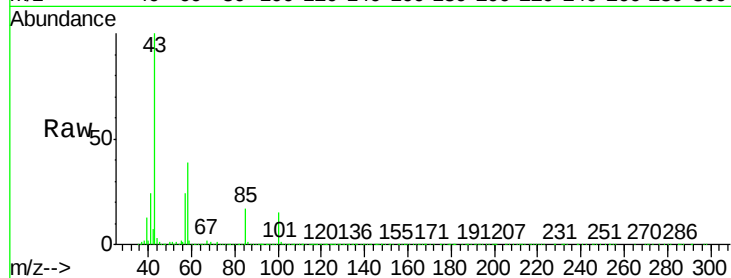
#51
4-Methyl-2-Pentanone
Concen: 98.113 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.6	47.4

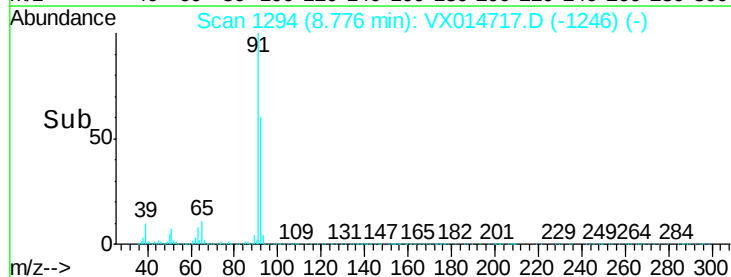
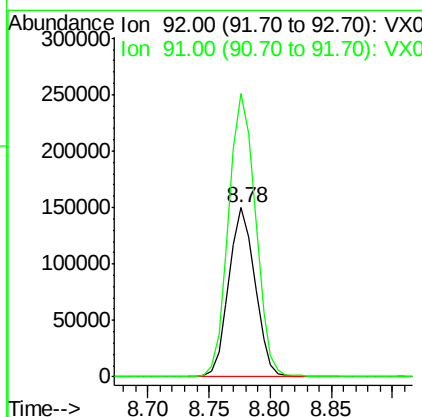
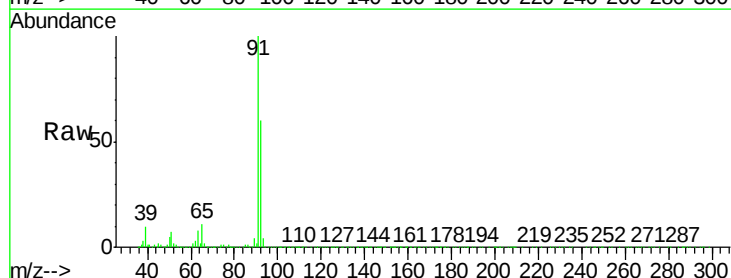
Manual Integrations
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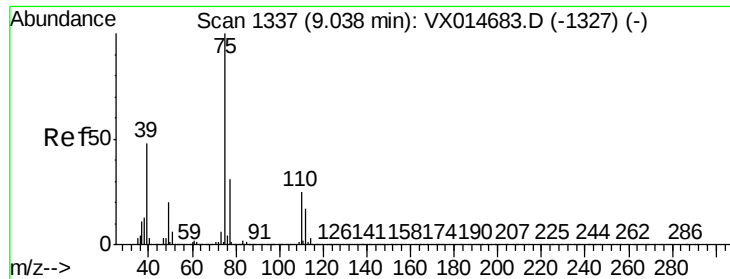
MMDadoda
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#52
Toluene
Concen: 19.762 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	135.9	203.9





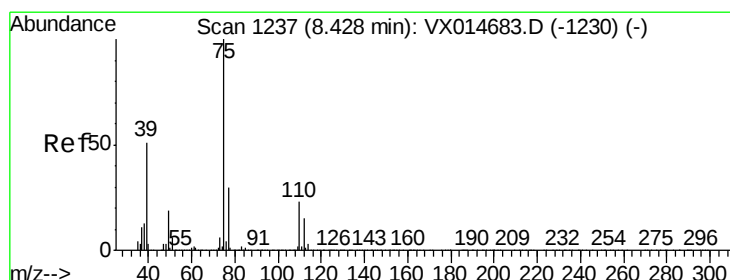
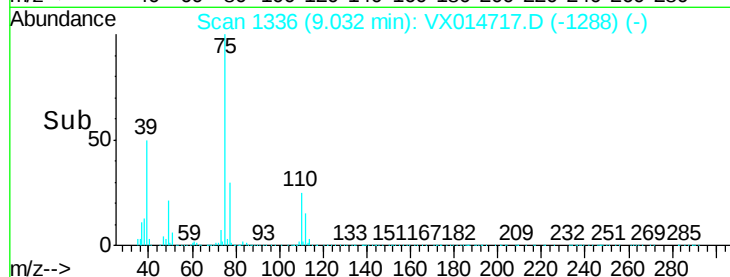
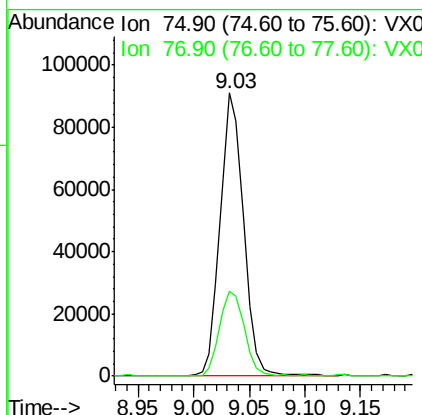
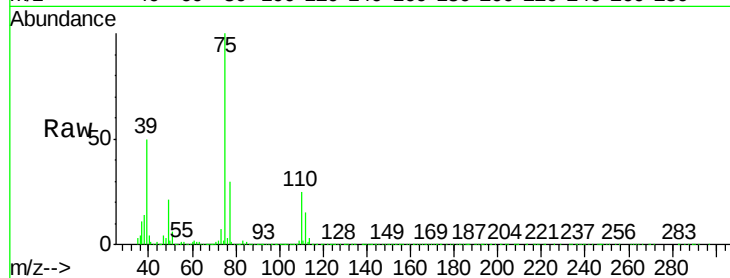
#53
t-1,3-Dichloropropene
Concen: 20.443 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.9	37.3

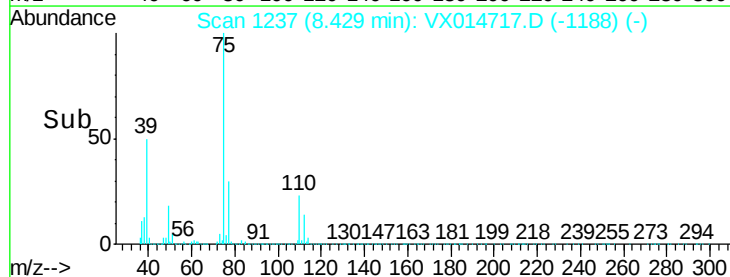
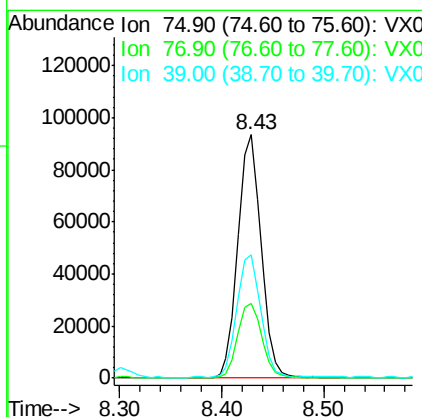
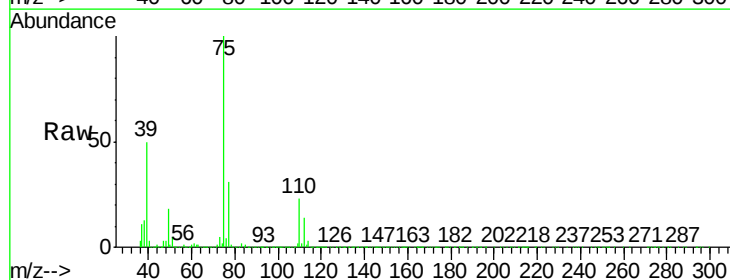
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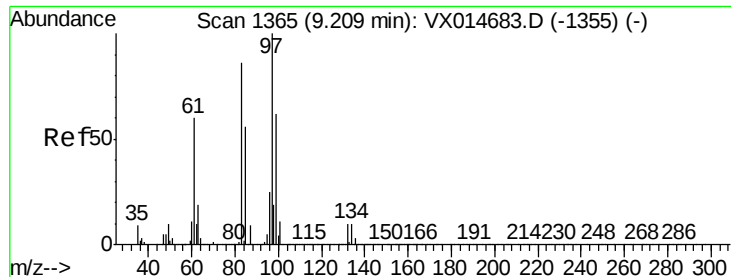
MMDadoda
1/28/2020 11:18:29 AM



#54
cis-1,3-Dichloropropene
Concen: 20.767 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	23.9	35.9
39	50.1	40.9	61.3





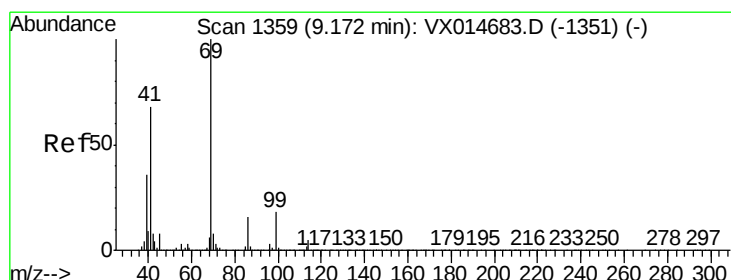
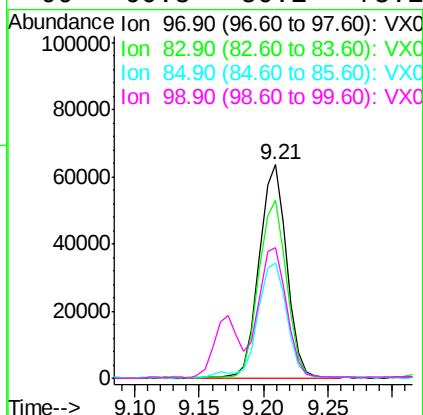
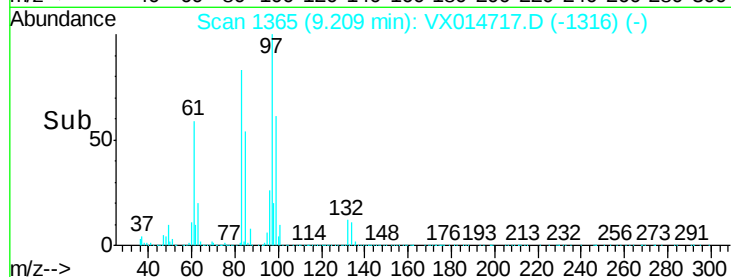
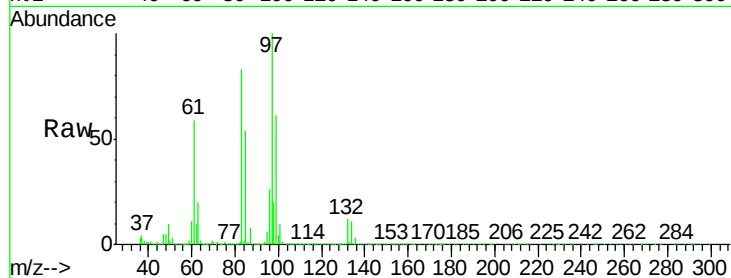
#55
 1,1,2-Trichloroethane
 Concen: 20.264 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93791		
83	82.8	69.2	103.8		
85	53.6	44.6	67.0		
99	60.8	50.1	75.1		

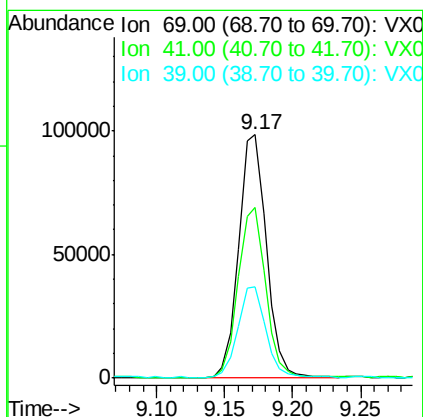
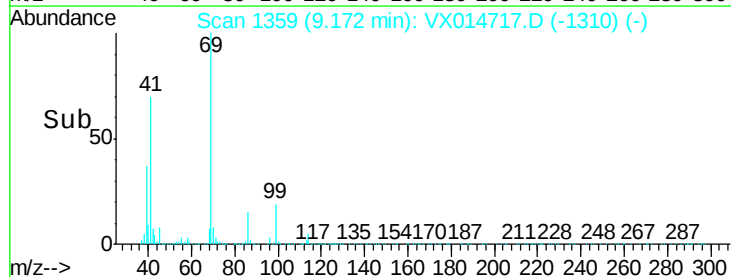
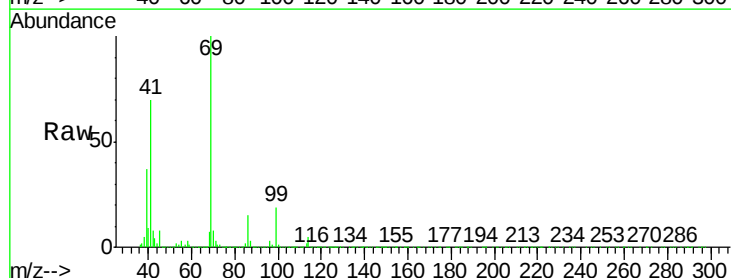
Manual Integrations
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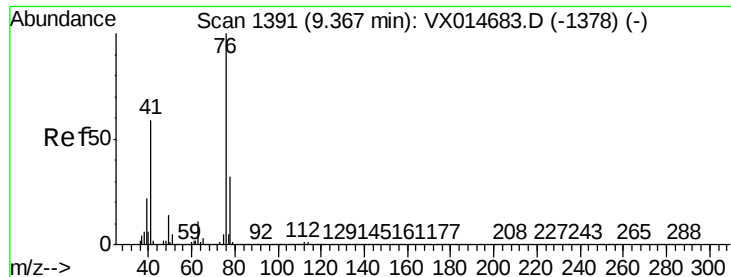
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#56
 Ethyl methacrylate
 Concen: 19.127 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		141112		
41	68.9	54.9	82.3		
39	37.2	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 76 Resp: 157927

Ion Ratio Lower Upper

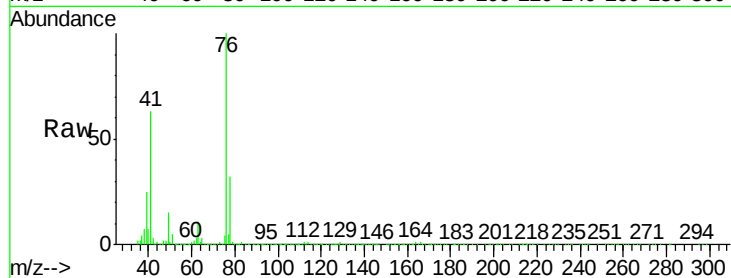
76 100

78 32.4 26.0 39.0

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

120000

100000

80000

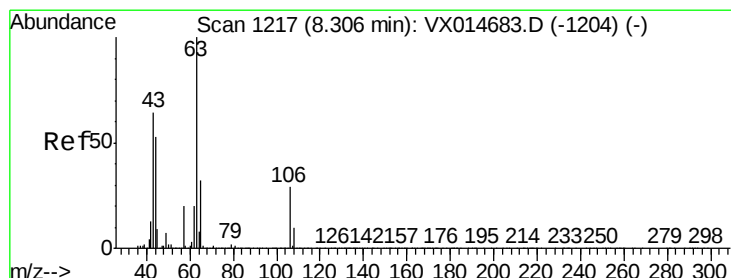
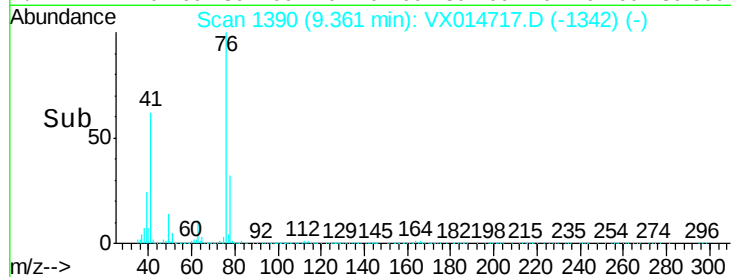
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.527 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014717.D

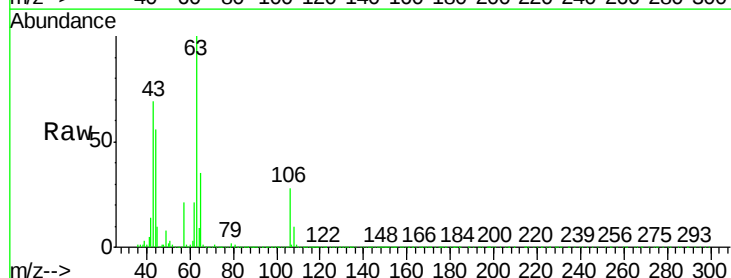
Acq: 27 Jan 2020 11:38

Tgt Ion: 63 Resp: 224680

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

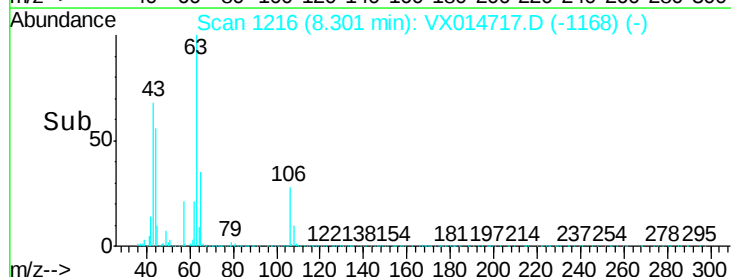
150000

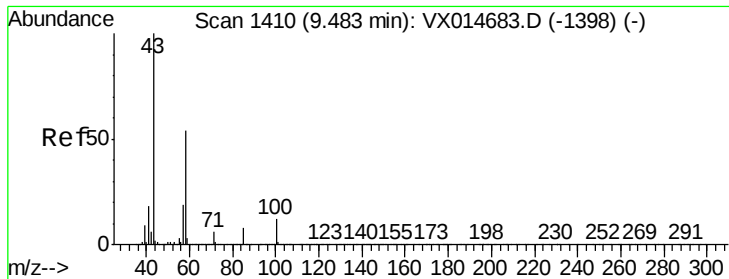
100000

50000

0

Time-->





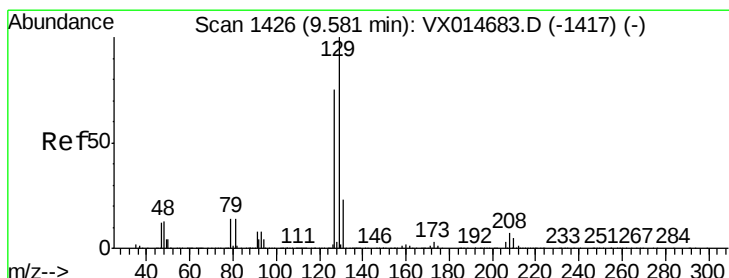
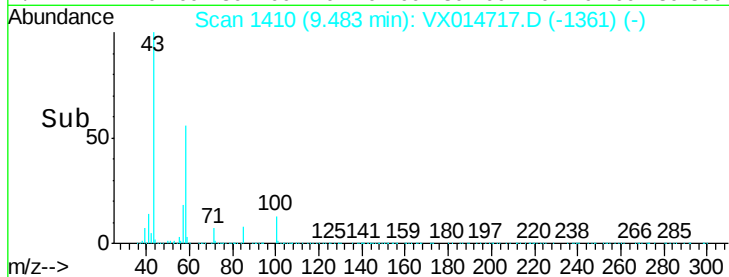
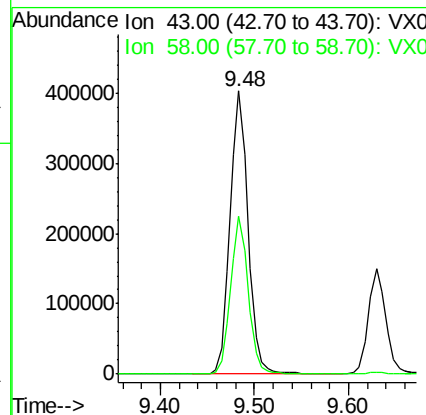
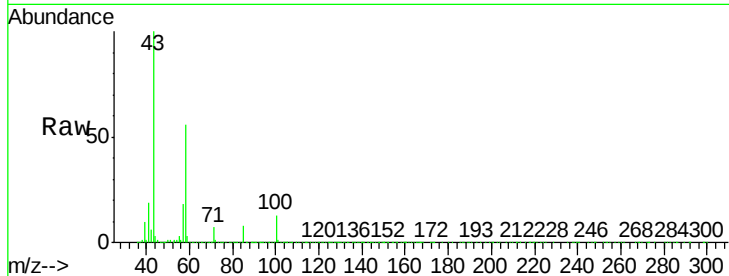
#59
2-Hexanone
Concen: 97.618 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion: 43 Resp: 533703
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

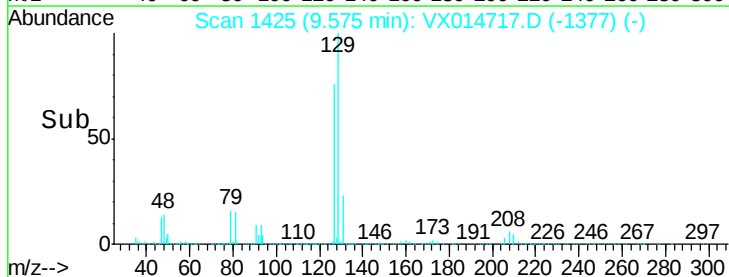
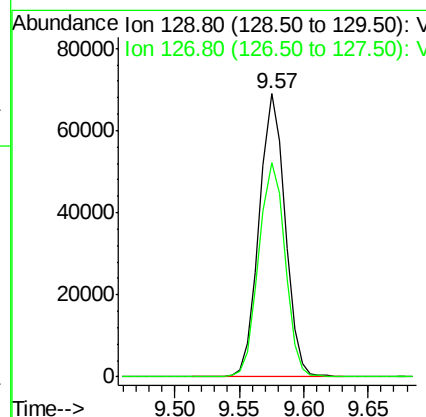
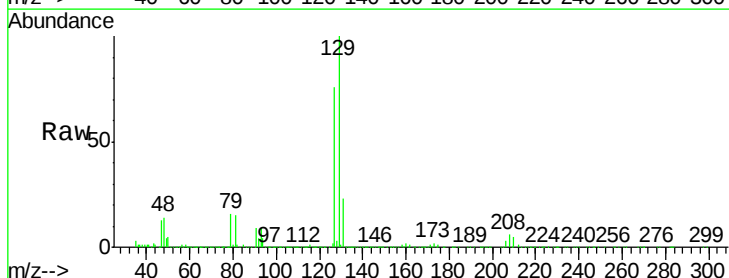
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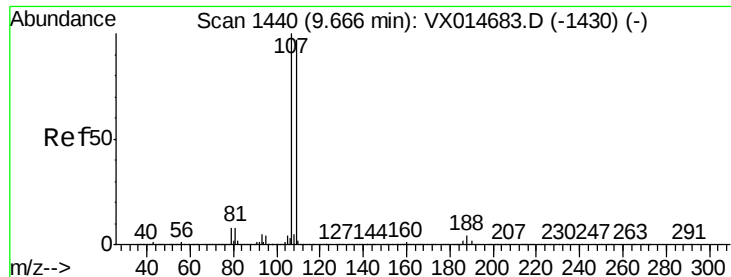
MMDadoda
1/28/2020 11:18:29 AM



#60
Dibromochloromethane
Concen: 19.853 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 129 Resp: 95911
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.939 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion:107 Resp: 97571

Ion Ratio Lower Upper

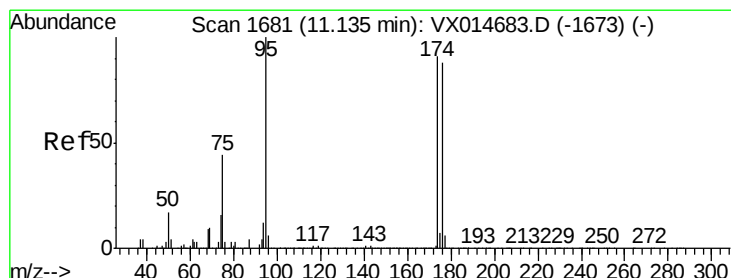
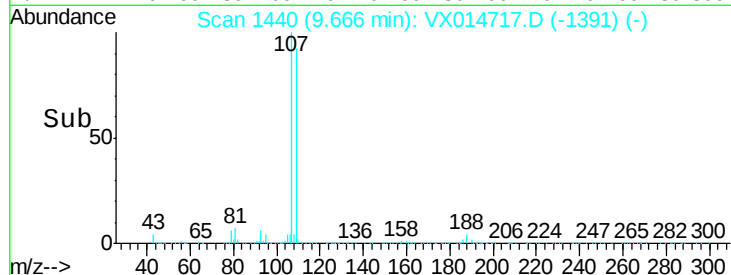
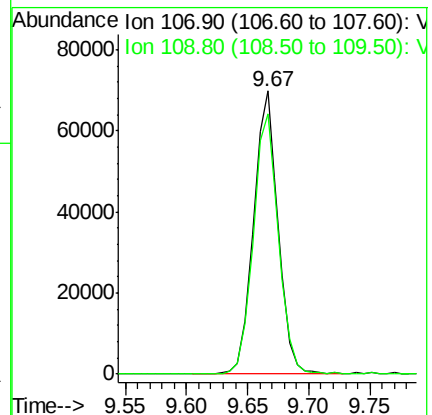
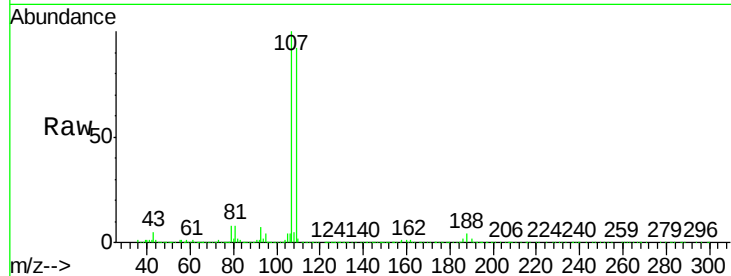
107 100

109 95.2 76.2 114.2

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1/28/2020 11:18:29 AM



#62

4-Bromofluorobenzene

Concen: 47.792 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

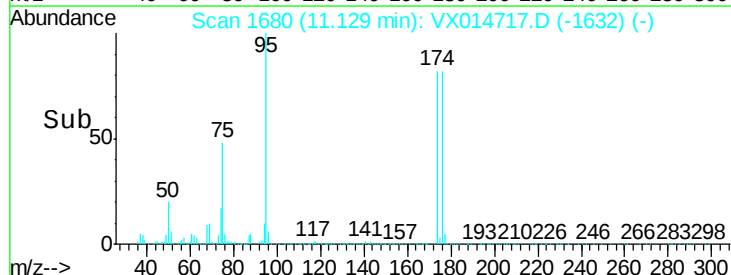
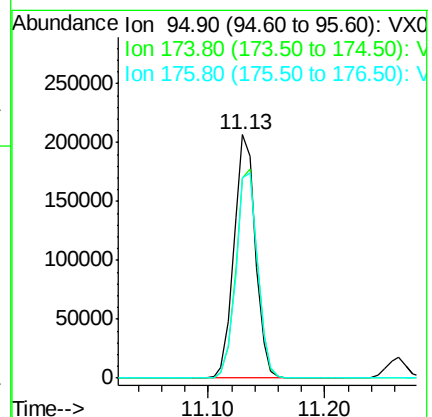
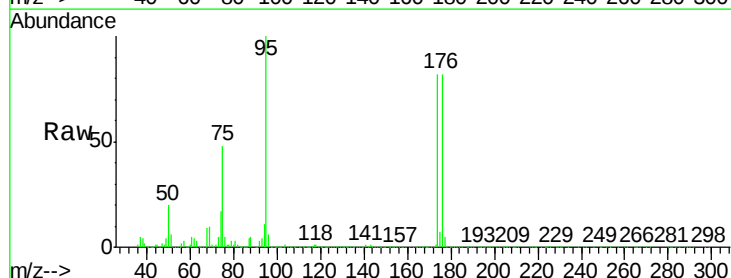
Tgt Ion: 95 Resp: 264534

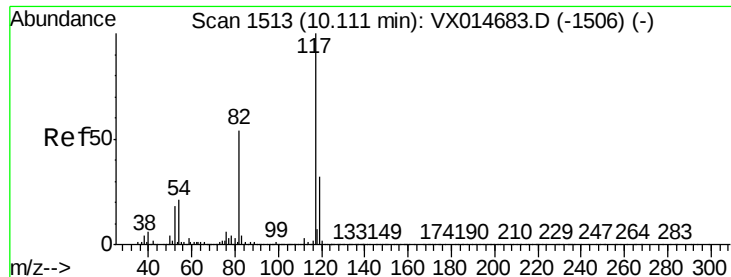
Ion Ratio Lower Upper

95 100

174 86.9 0.0 176.0

176 86.2 0.0 172.2





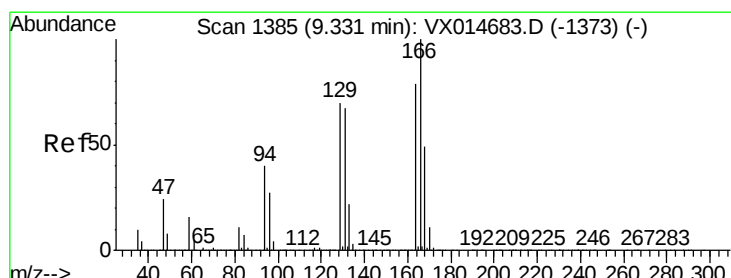
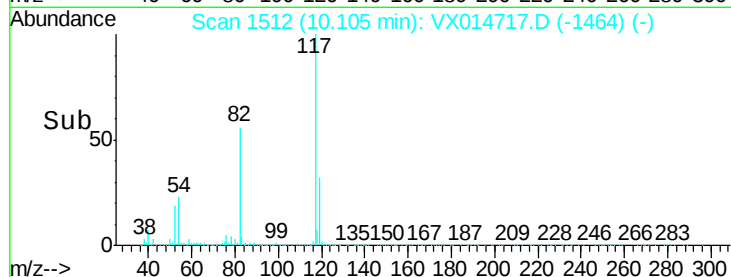
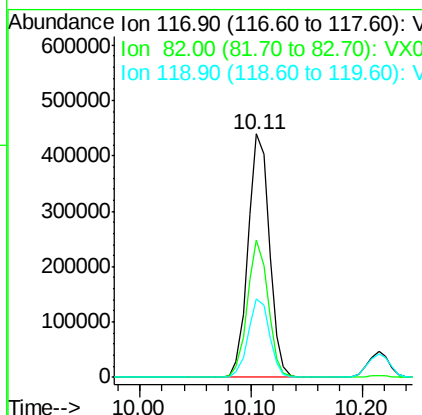
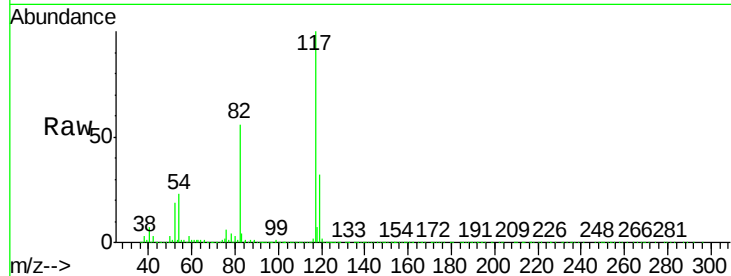
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.2	43.2	64.8
119	32.1	25.8	38.6

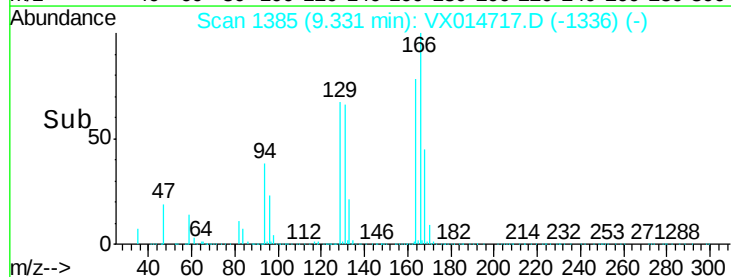
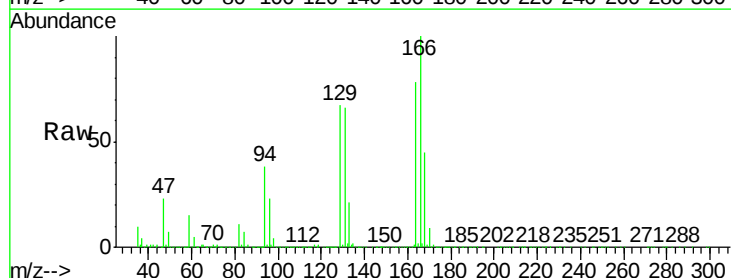
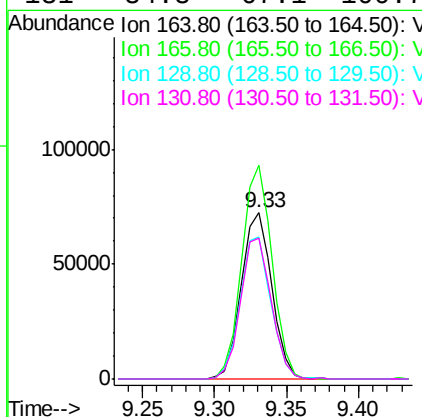
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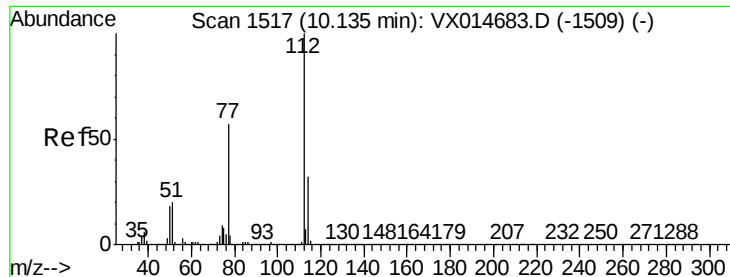
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#64
Tetrachloroethene
Concen: 18.258 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.7	100.9	151.3
129	85.6	71.0	106.6
131	84.8	67.1	100.7





#65

Chlorobenzene

Concen: 19.208 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion:112 Resp: 240721

Ion Ratio Lower Upper

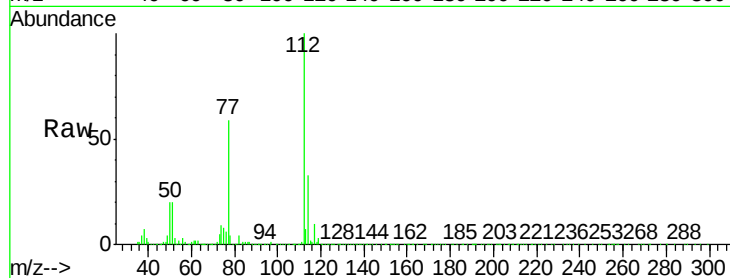
112 100

114 32.9 25.8 38.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

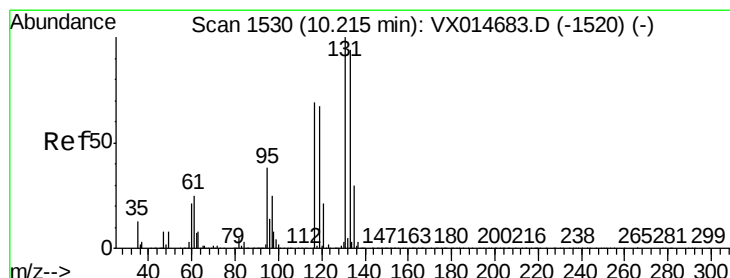
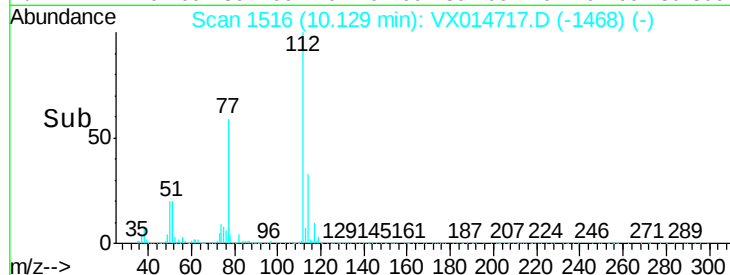
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.241 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

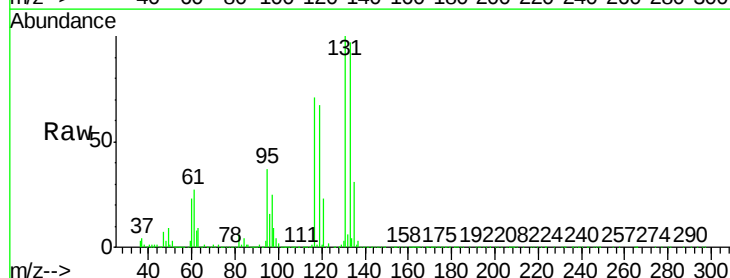
Tgt Ion:131 Resp: 88910

Ion Ratio Lower Upper

131 100

133 98.0 47.4 142.3

119 66.3 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

80000

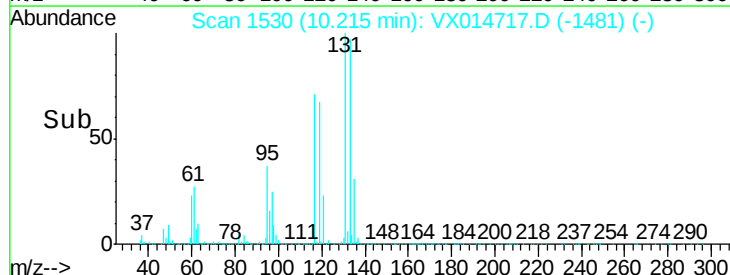
60000

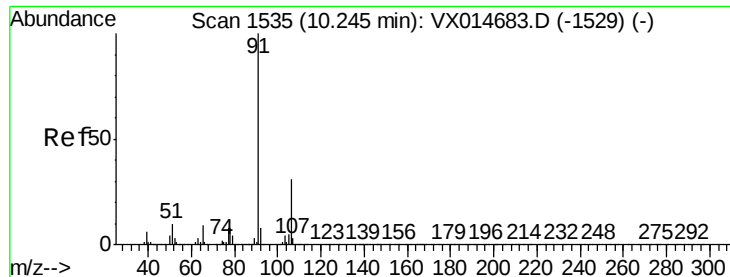
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.567 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 91 Resp: 418706

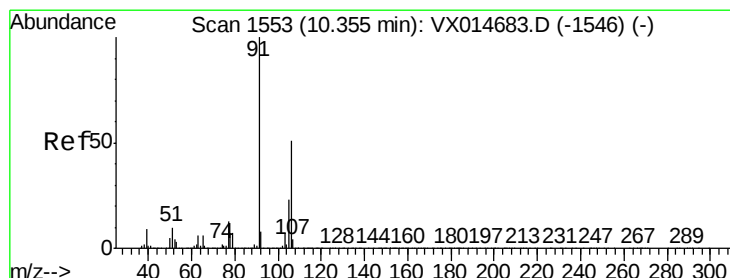
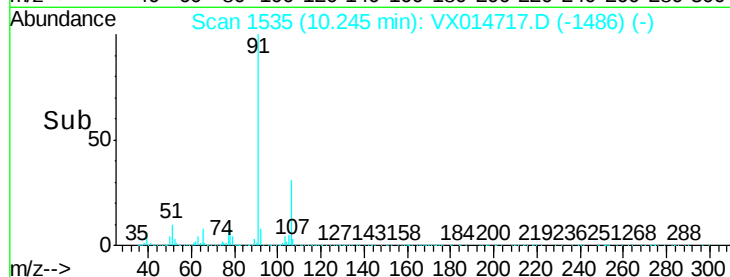
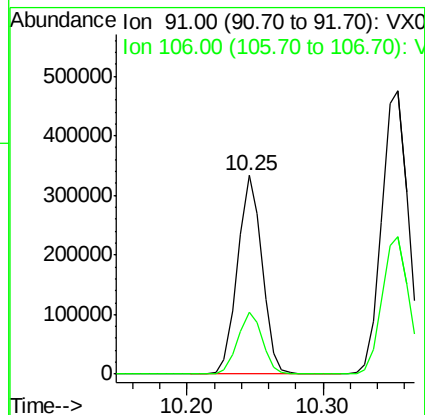
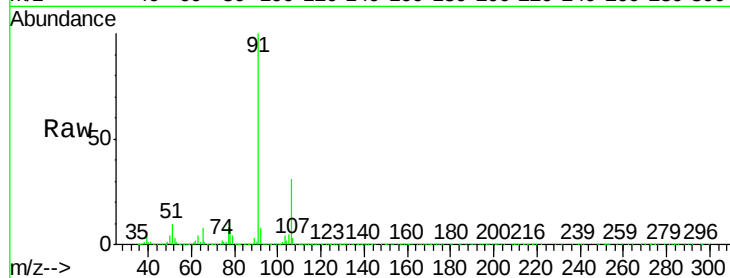
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.012 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014717.D

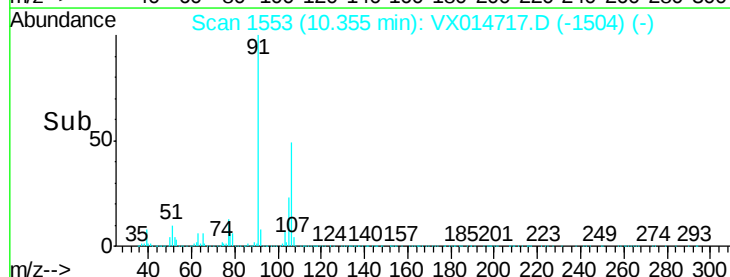
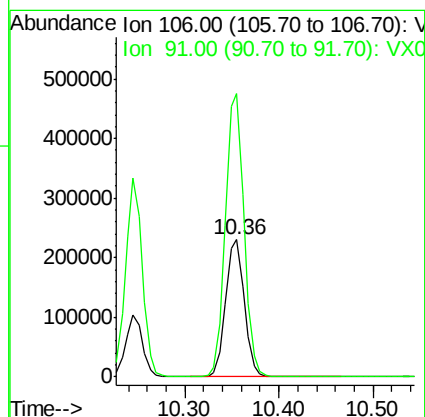
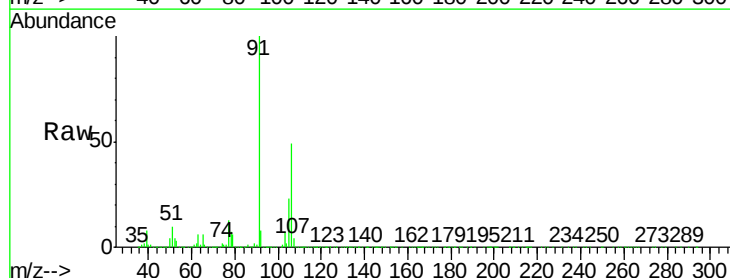
Acq: 27 Jan 2020 11:38

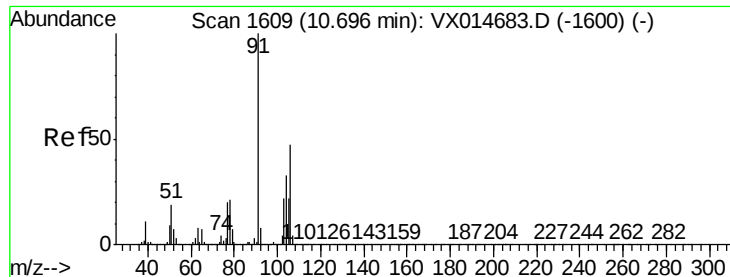
Tgt Ion: 106 Resp: 316263

Ion Ratio Lower Upper

106 100

91 204.9 159.4 239.2





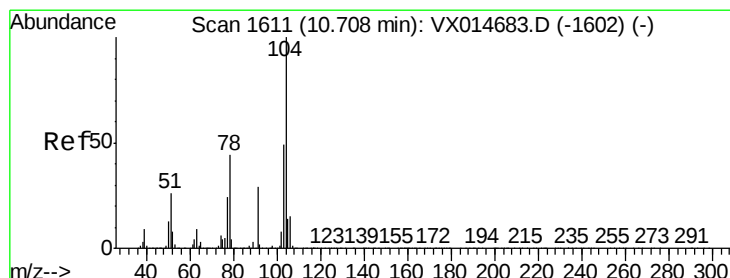
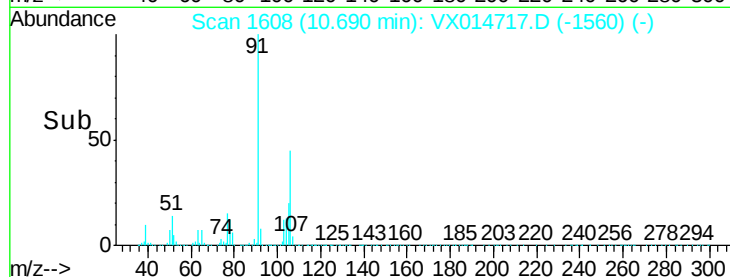
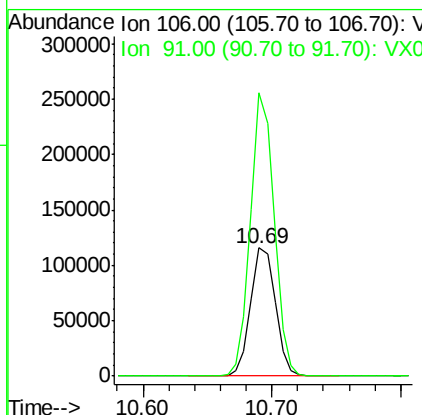
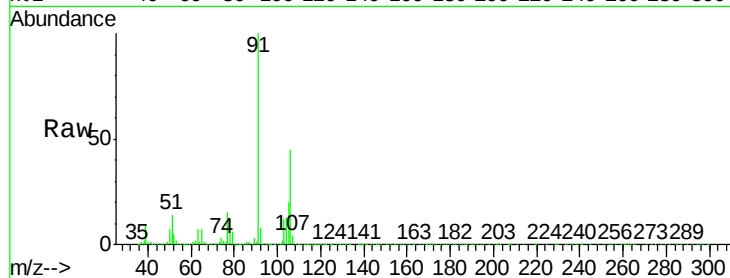
#69
o-Xylene
Concen: 19.724 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.2	106.2	318.6

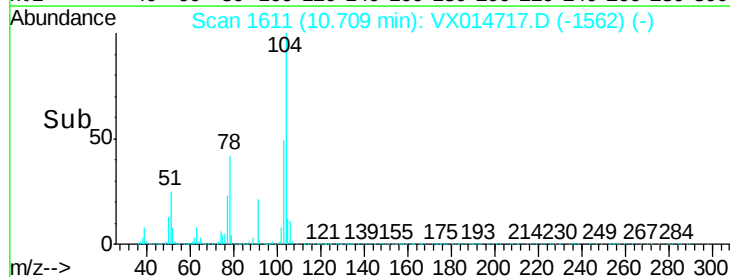
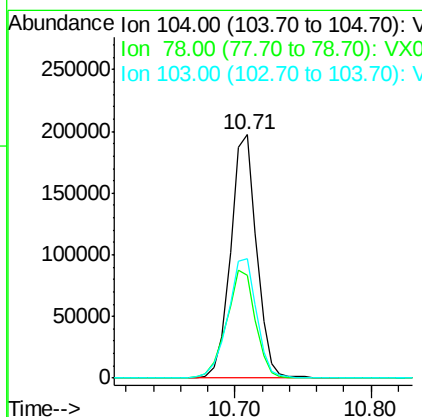
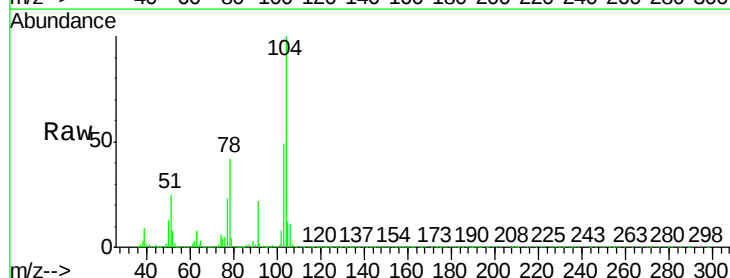
Manual Integrations
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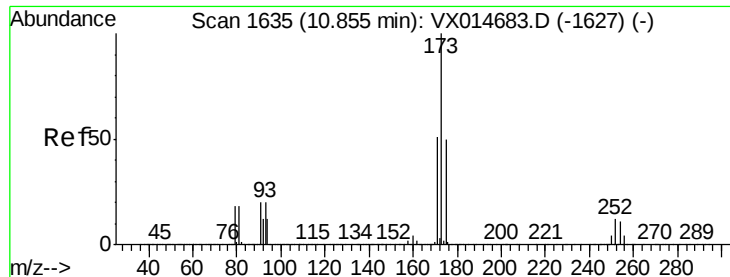
MMDadoda
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#70
Styrene
Concen: 19.892 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.3	58.9
103	54.8	43.5	65.3





#71

Bromoform

Concen: 19.376 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

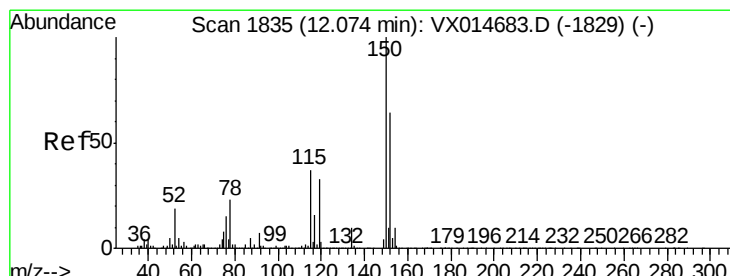
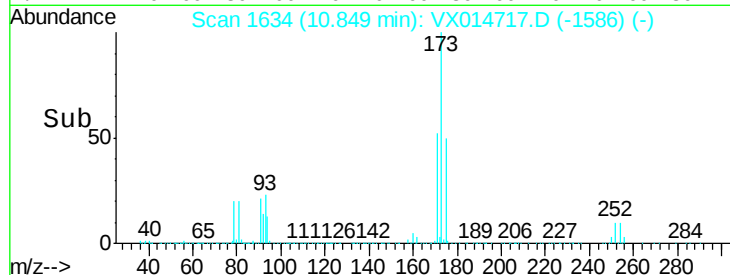
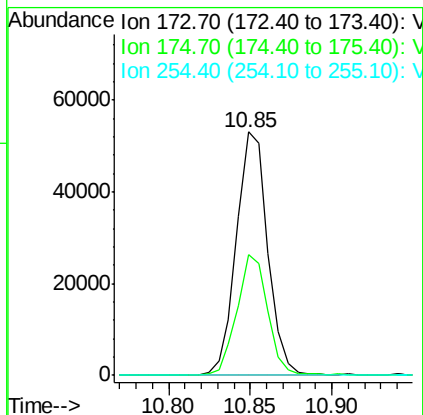
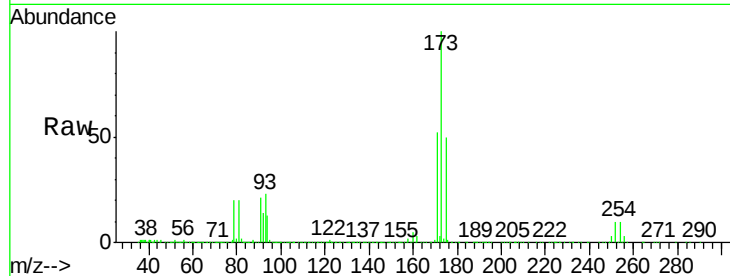
ClientSampleId :

VX0127WBSD01

Tot Ion:	173	Resp:	71198
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.6
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

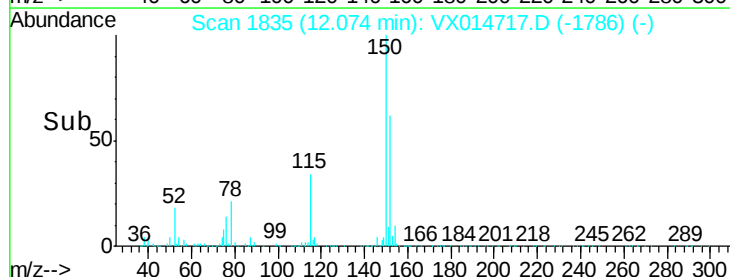
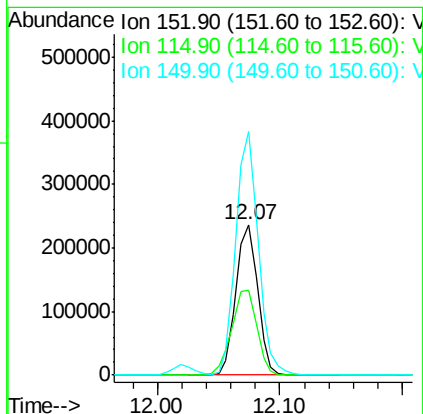
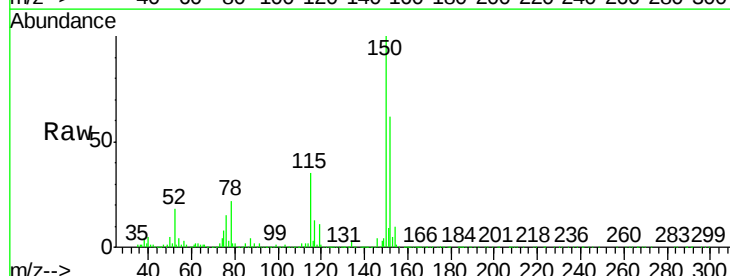
RT: 12.07 min Scan# 1835

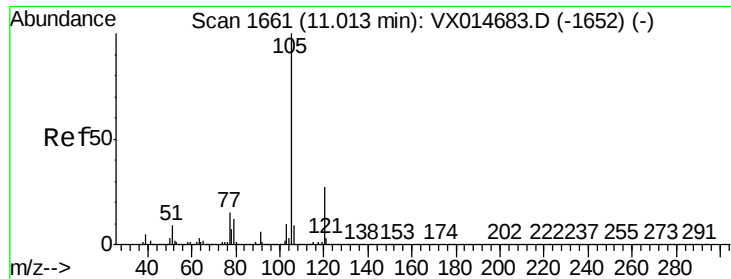
Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	152	Resp:	289816
Ion Ratio	Lower	Upper	
152	100		
115	65.3	39.4	118.1
150	166.5	0.0	351.2





#73

Isopropylbenzene

Concen: 20.087 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 105 Resp: 409323

Ion Ratio Lower Upper

105 100

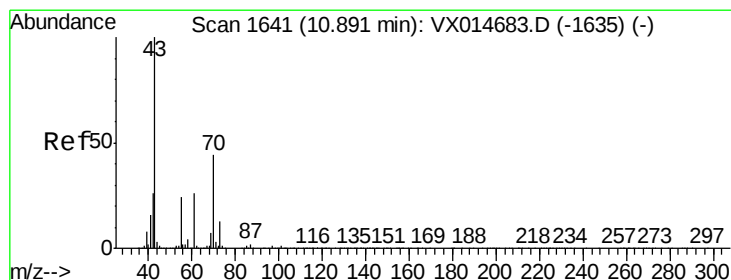
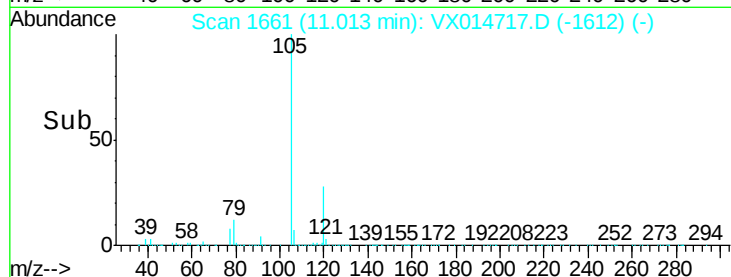
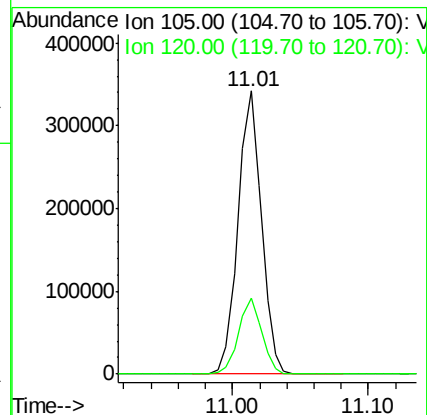
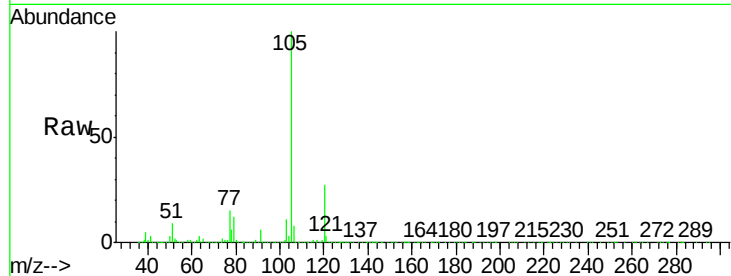
120 26.7

13.5 40.5

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#74

N-ethyl acetate

Concen: 19.766 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 176507

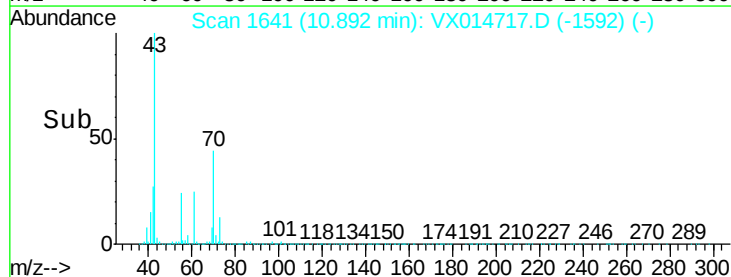
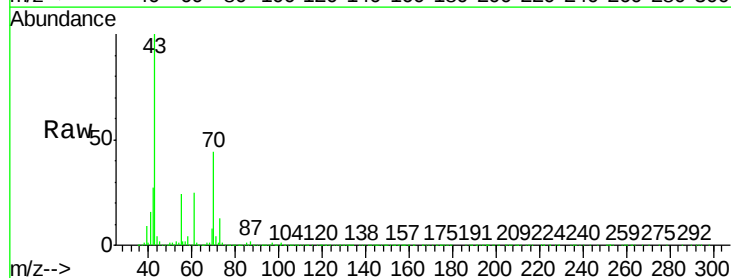
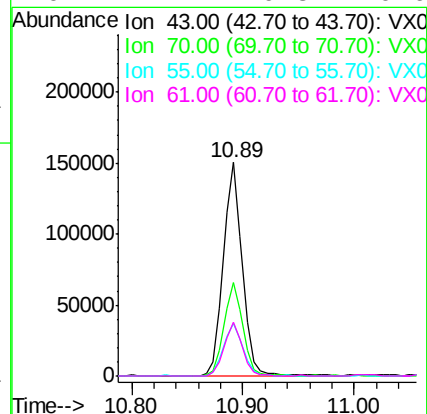
Ion Ratio Lower Upper

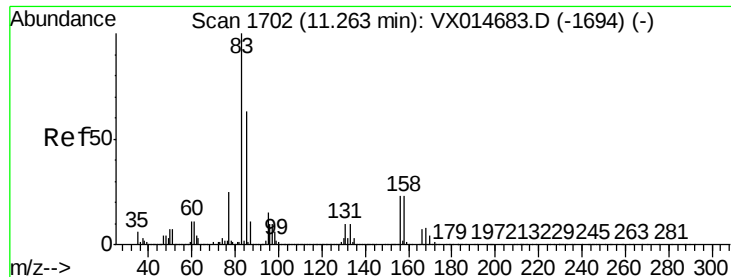
43 100

70 43.3 34.6 52.0

55 25.2 19.4 29.2

61 24.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.922 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion: 83 Resp: 137678

Ion Ratio Lower Upper

83 100

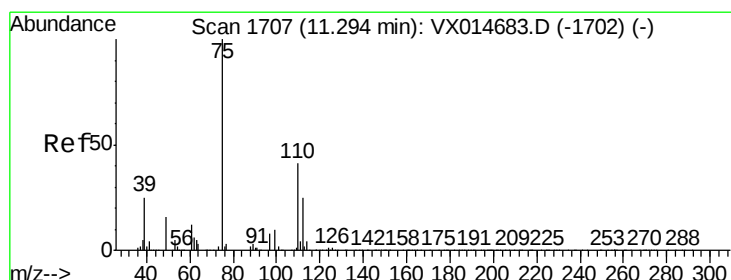
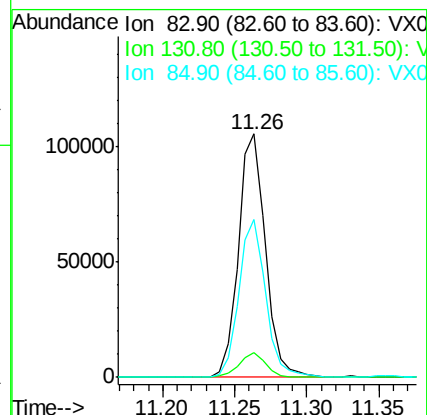
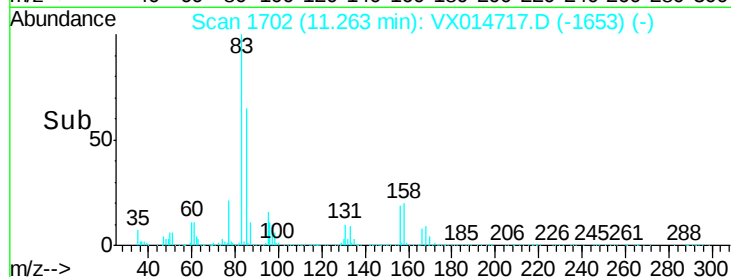
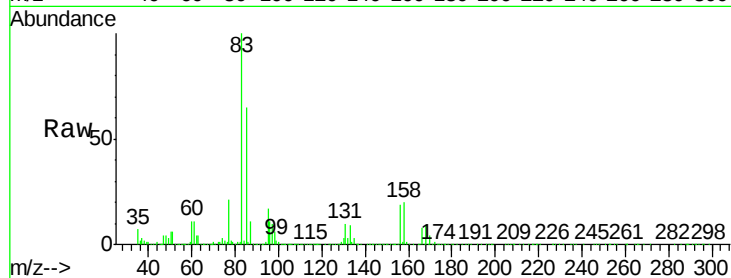
131 10.2 5.0 15.0

85 64.8 31.7 95.1

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#76

1,2,3-Trichloropropane

Concen: 17.967 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014717.D

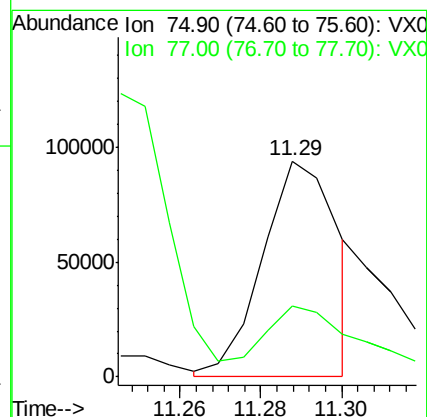
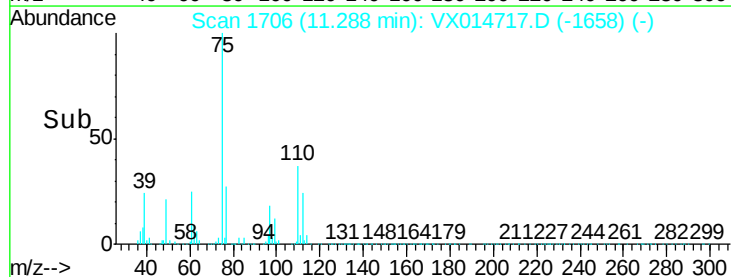
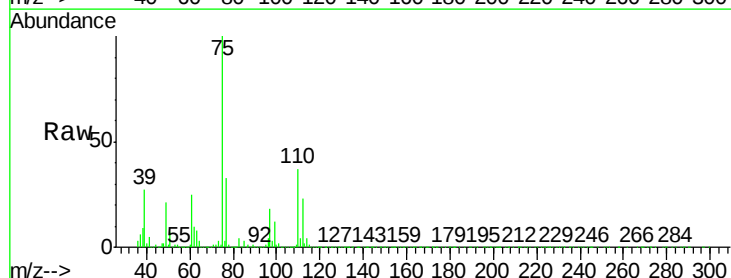
Acq: 27 Jan 2020 11:38

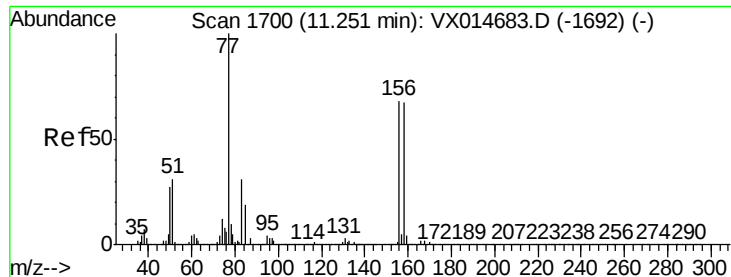
Tgt Ion: 75 Resp: 121150

Ion Ratio Lower Upper

75 100

77 42.8 18.7 56.1





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

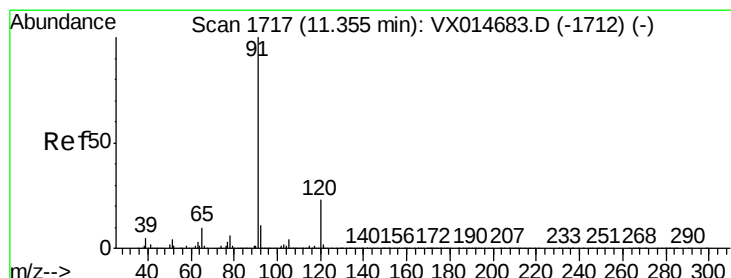
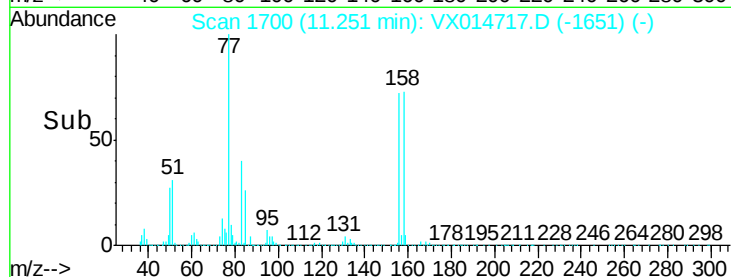
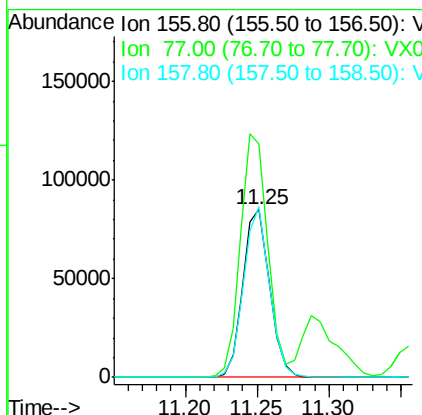
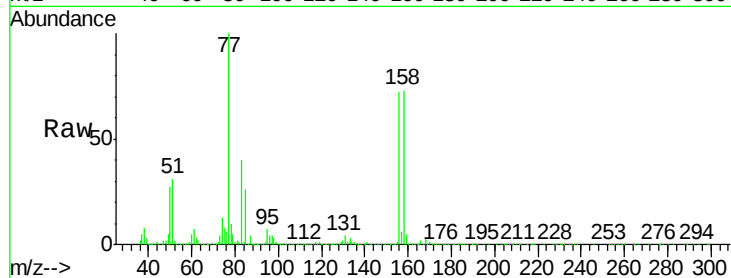
ClientSampleId :

VX0127WBSD01

Tot Ion:	156	Resp:	108809
Ion Ratio	Lower	Upper	
156	100		
77	148.5	77.5	232.5
158	98.5	49.1	147.3

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#78

n-propylbenzene

Concen: 20.322 ug/l

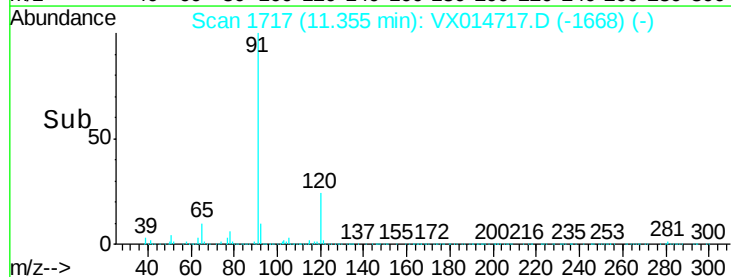
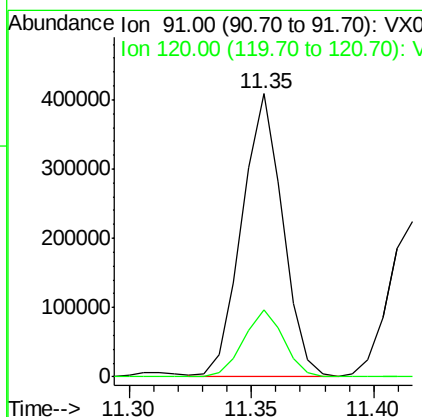
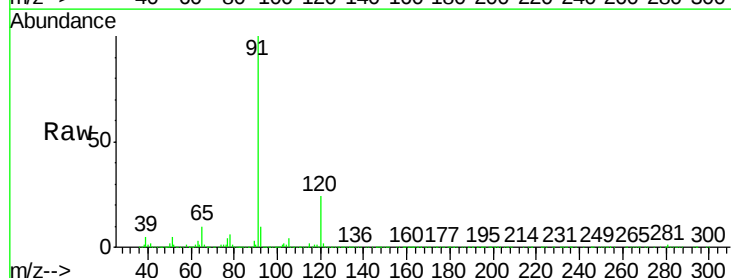
RT: 11.35 min Scan# 1717

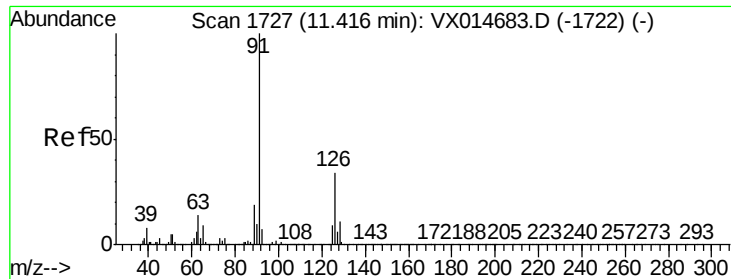
Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	91	Resp:	470077
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





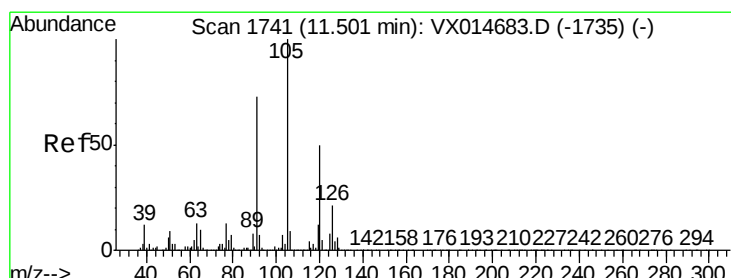
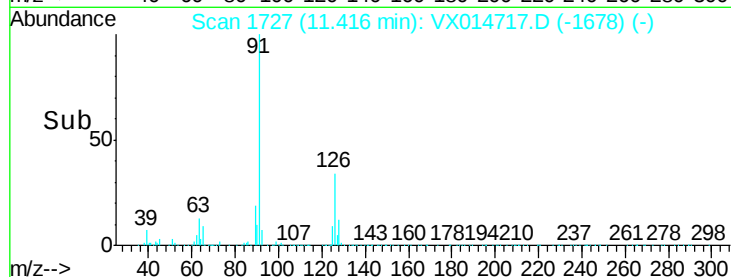
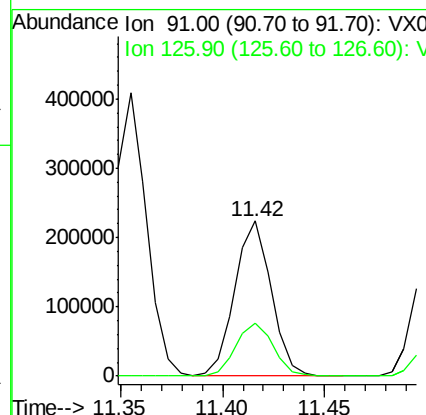
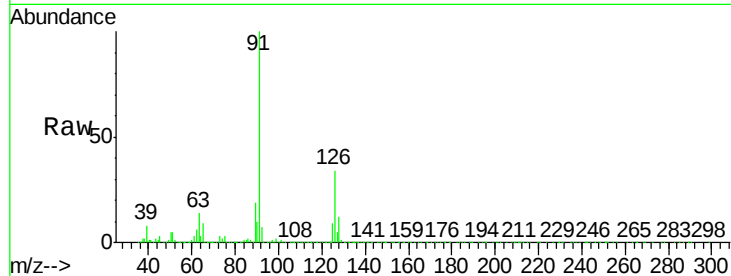
#79
 2-Chlorotoluene
 Concen: 19.548 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.3	51.9

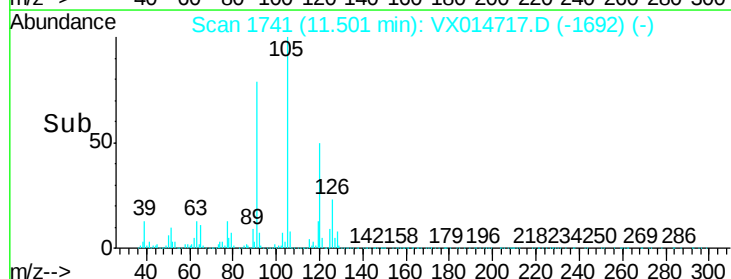
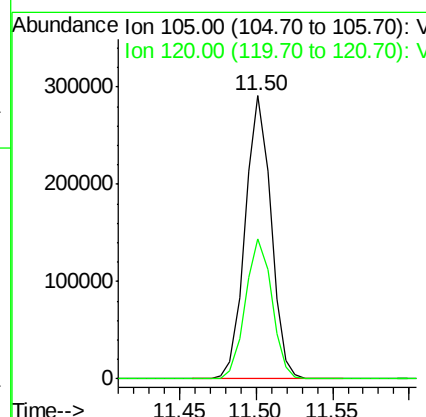
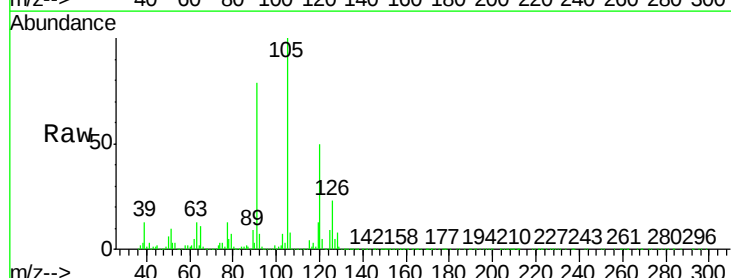
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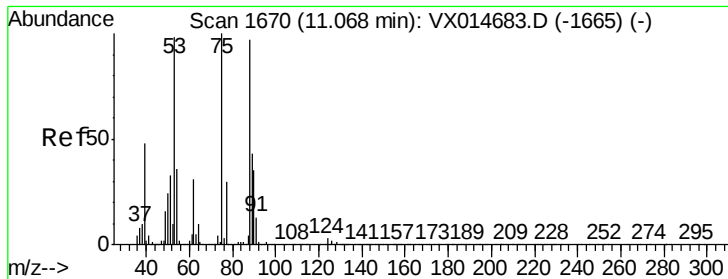
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.151 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.9	74.6





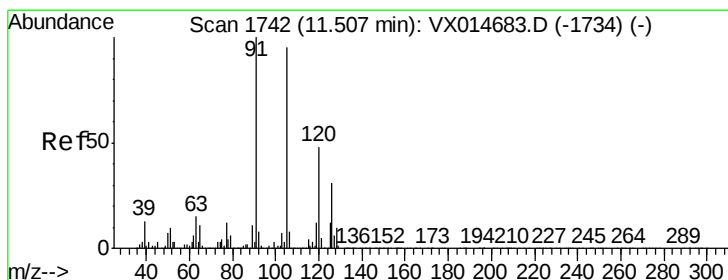
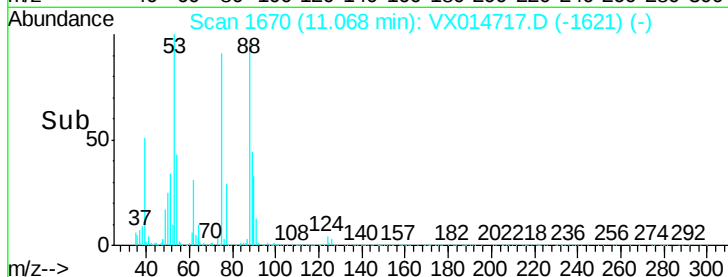
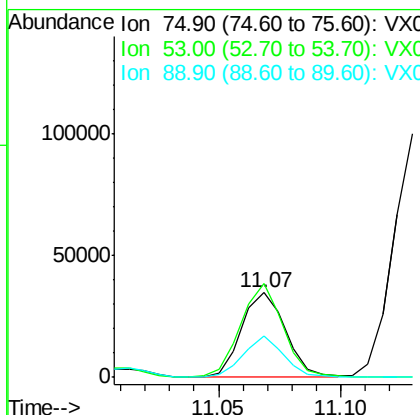
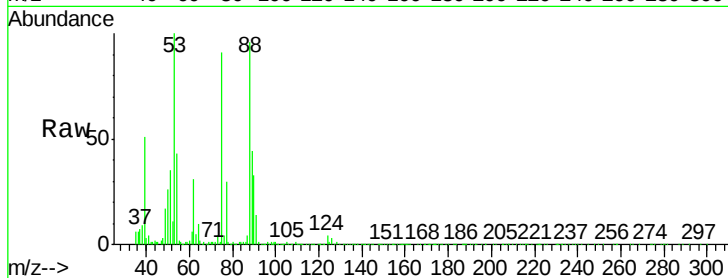
#81
trans-1,4-Dichloro-2-butene
Concen: 18.362 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.0	78.8	118.2
89	44.4	35.4	53.0

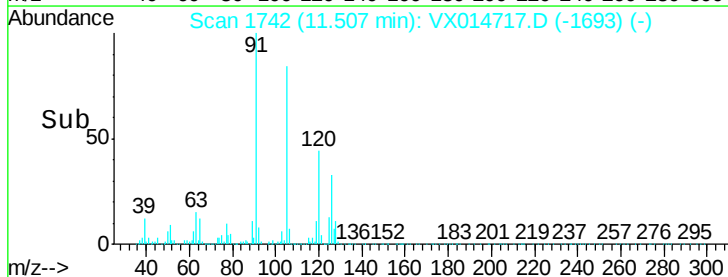
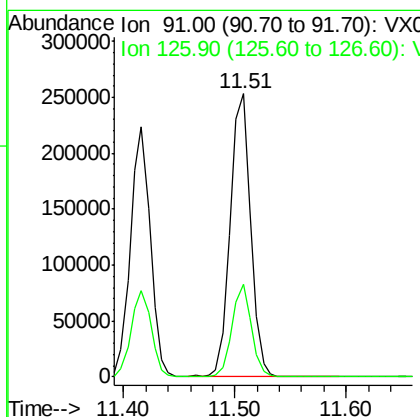
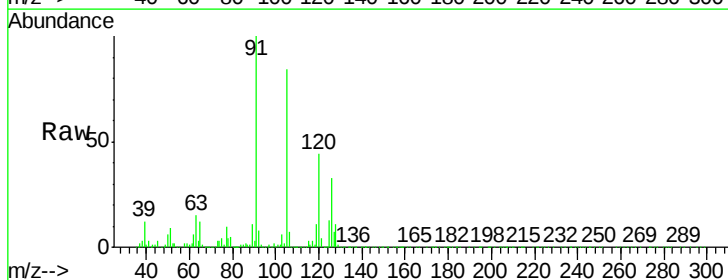
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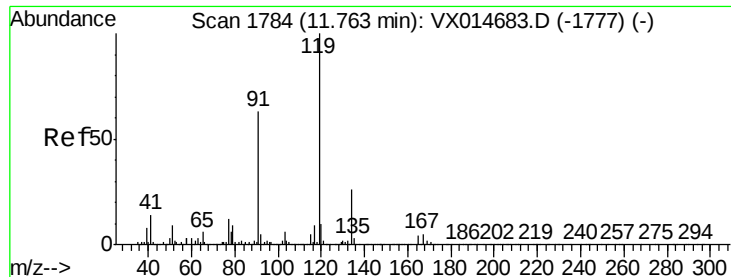
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#82
4-Chlorotoluene
Concen: 20.105 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





#83

tert-Butylbenzene

Concen: 20.129 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

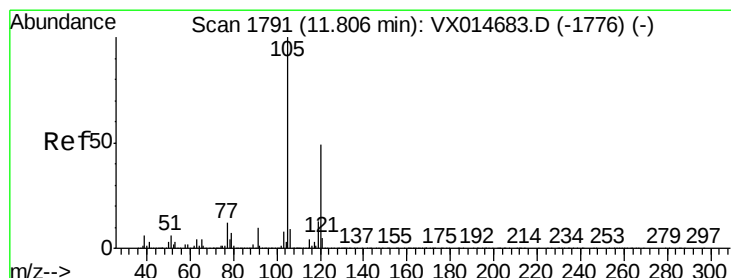
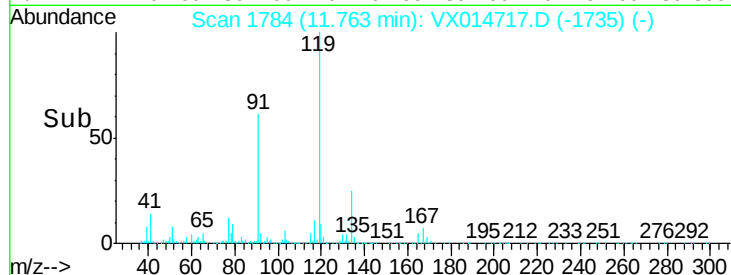
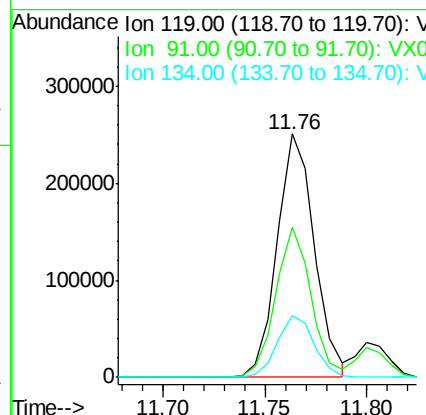
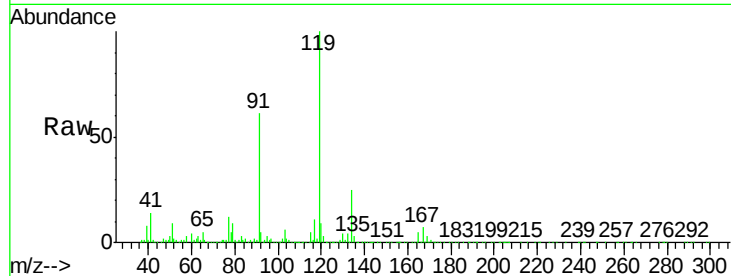
ClientSampleId :

VX0127WBSD01

Tot Ion:	119	Resp:	319911
Ion Ratio	Lower	Upper	
119	100		
91	58.4	30.0	90.0
134	24.9	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 20.116 ug/l

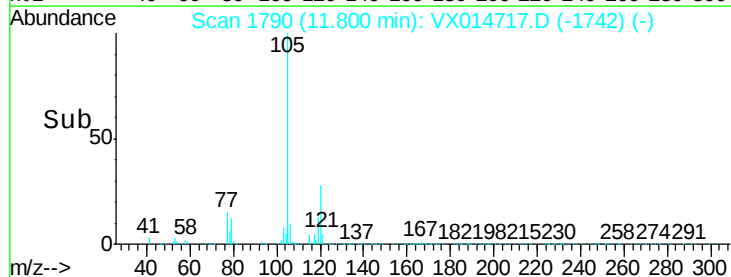
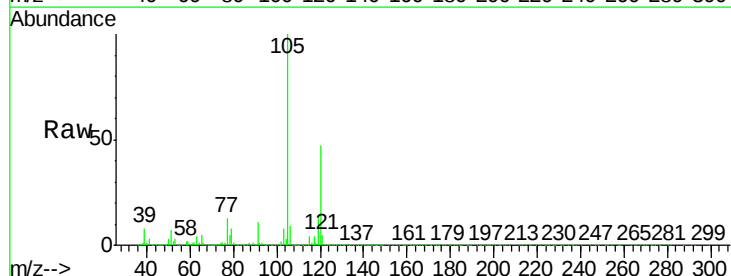
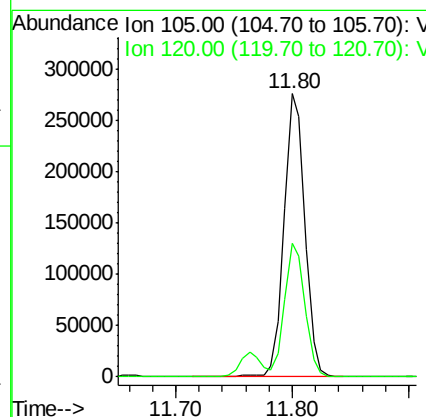
RT: 11.80 min Scan# 1790

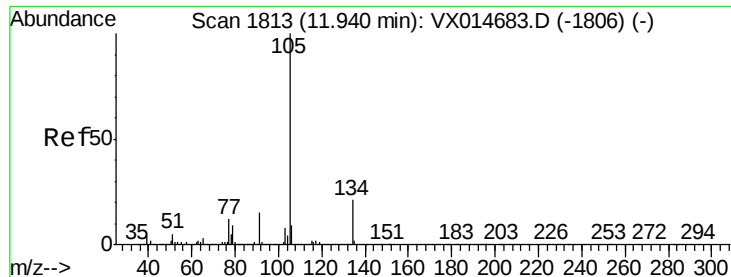
Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Tgt Ion:	105	Resp:	341252
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.272 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0127WBSD01

Tot Ion:105 Resp: 394684

Ion Ratio Lower Upper

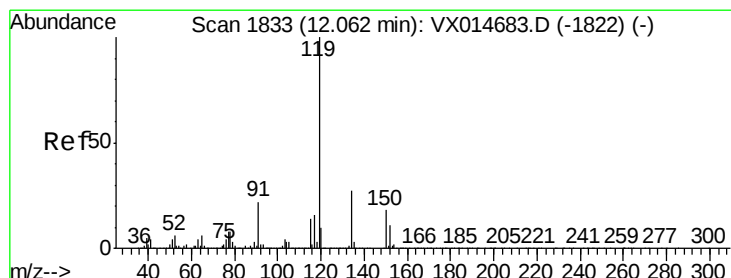
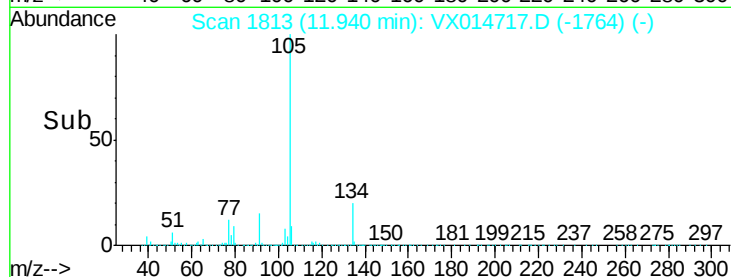
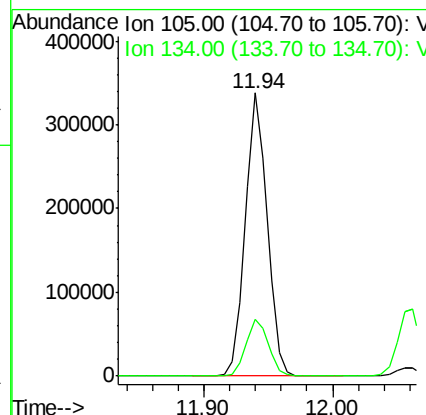
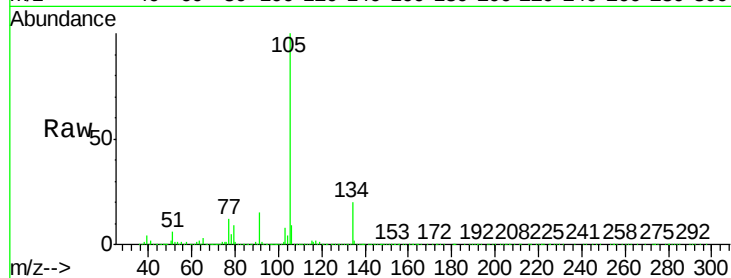
105 100

134 20.6 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.383 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014717.D

Acq: 27 Jan 2020 11:38

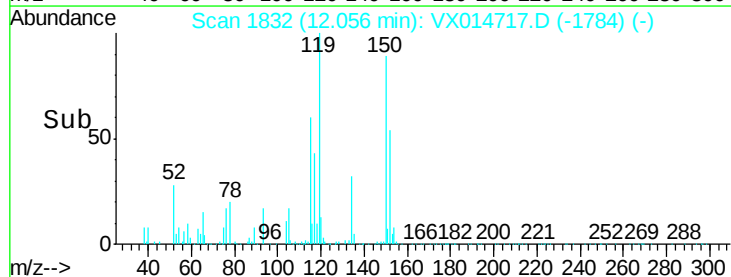
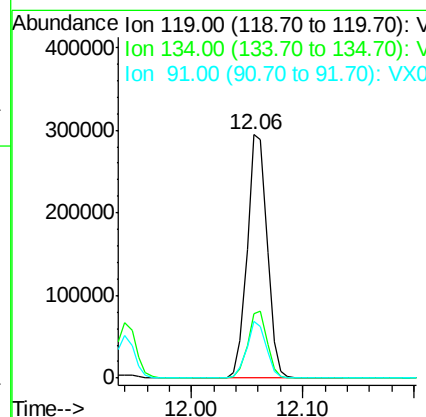
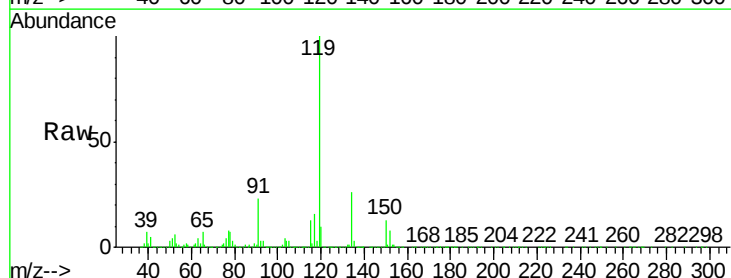
Tgt Ion:119 Resp: 366751

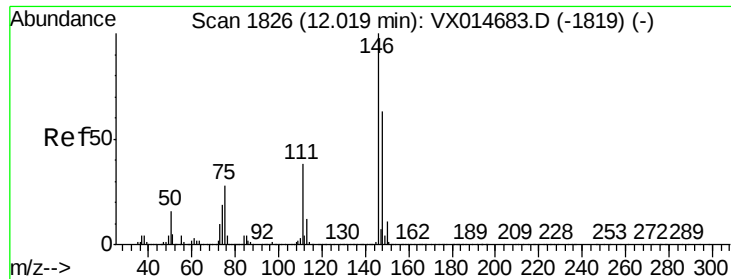
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.6 11.3 33.8





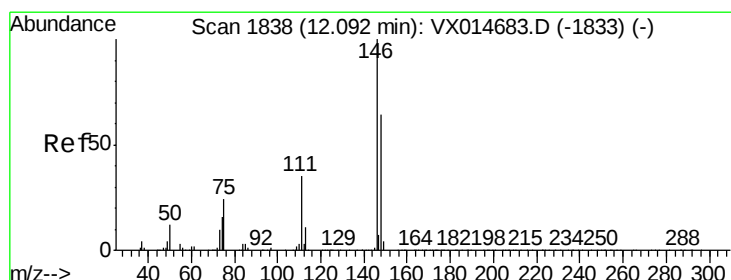
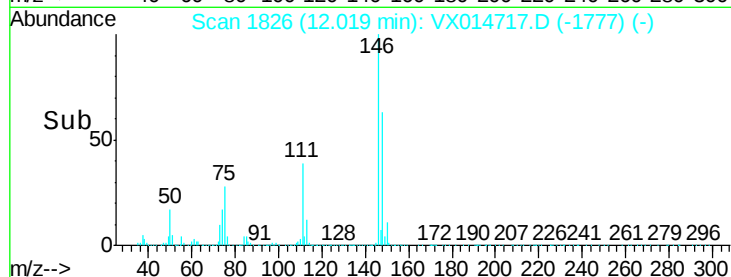
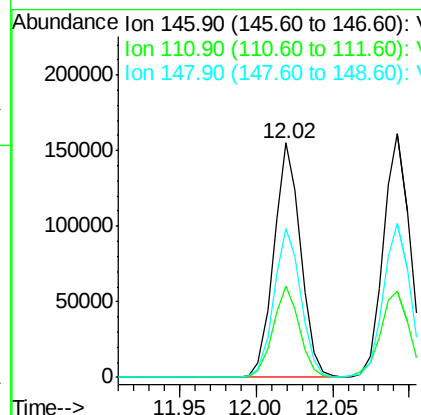
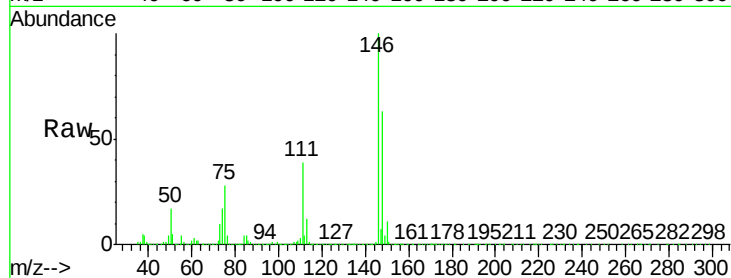
#87
 1,3-Dichlorobenzene
 Concen: 19.245 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.8	31.6	95.0

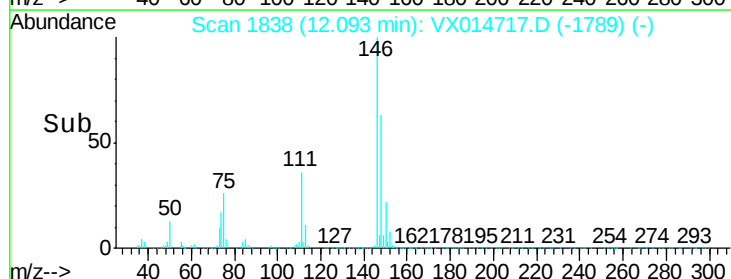
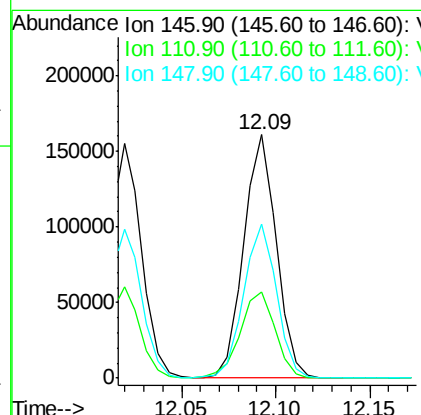
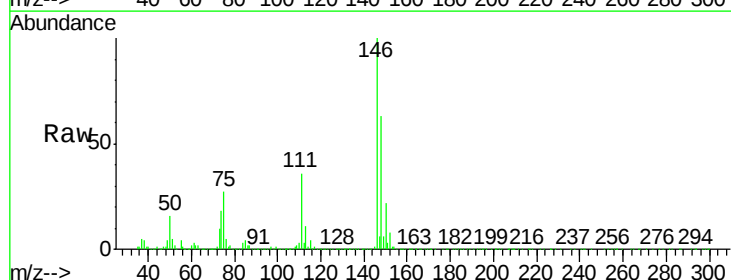
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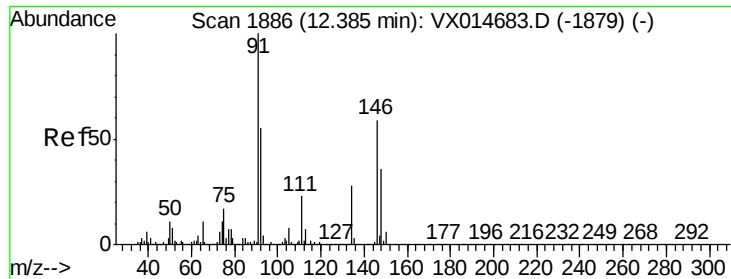
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#88
 1,4-Dichlorobenzene
 Concen: 19.510 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	64.0	32.0	96.2





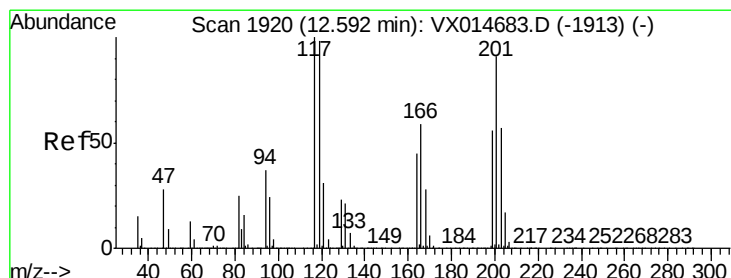
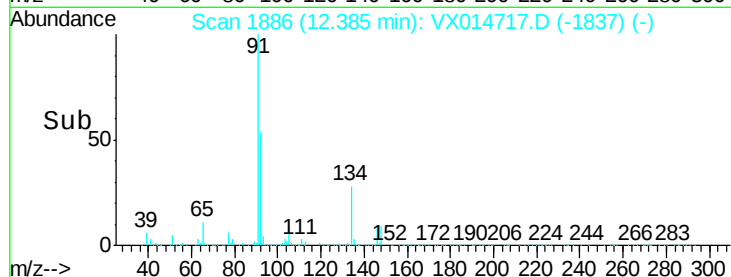
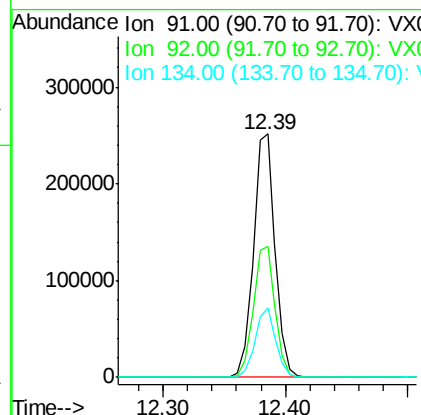
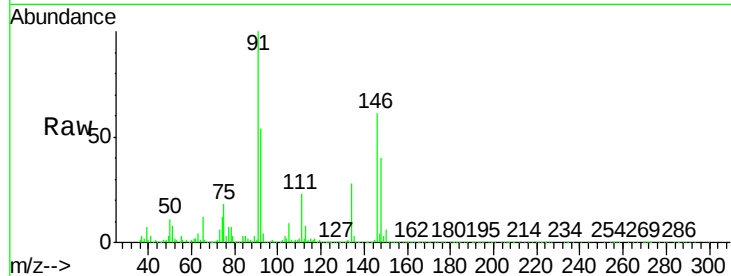
#89
n-Butylbenzene
Concen: 19.641 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	27.2	13.3	39.8

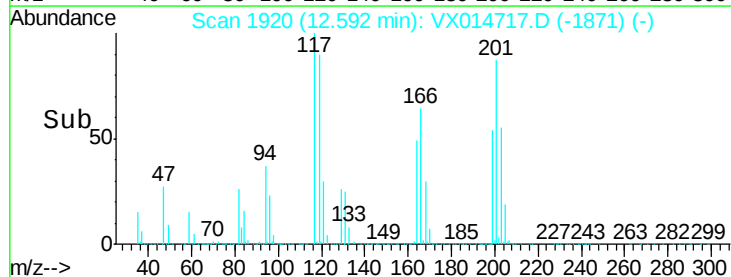
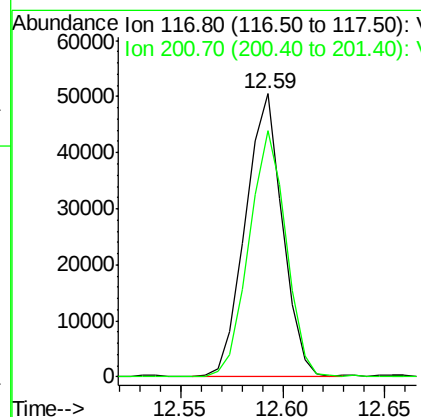
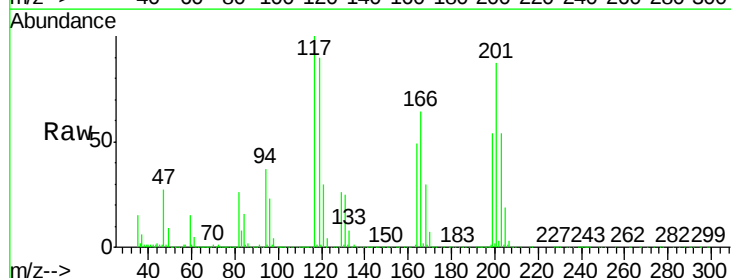
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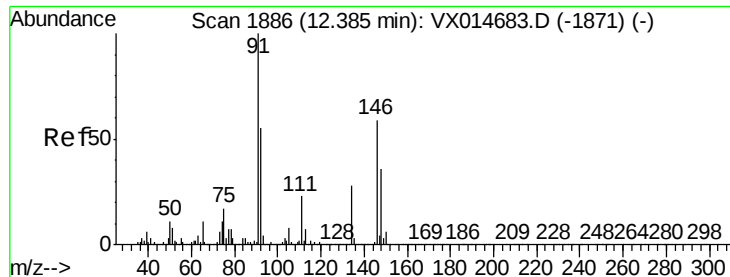
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#90
Hexachloroethane
Concen: 18.994 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.4	133.1





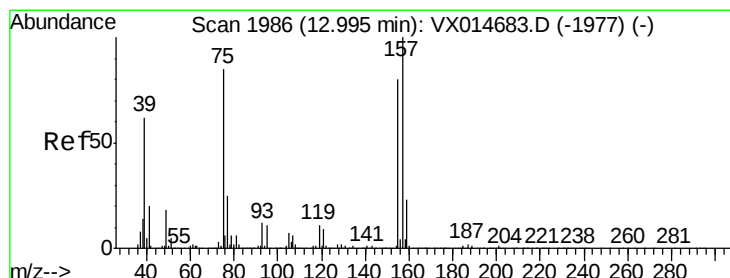
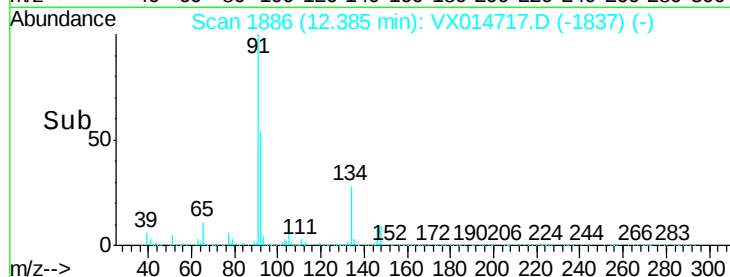
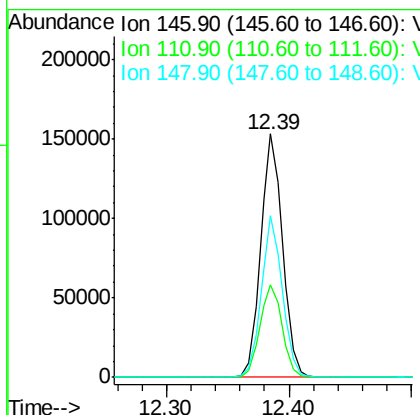
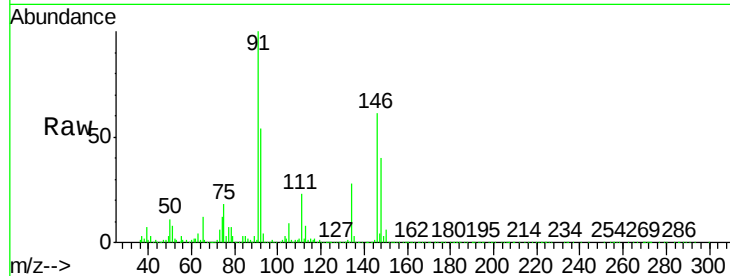
#91
 1,2-Dichlorobenzene
 Concen: 19.659 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	63.5	31.9	95.9

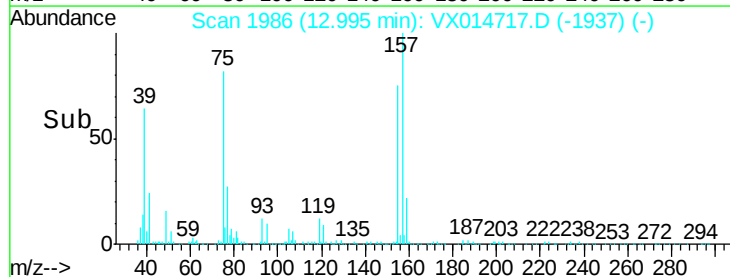
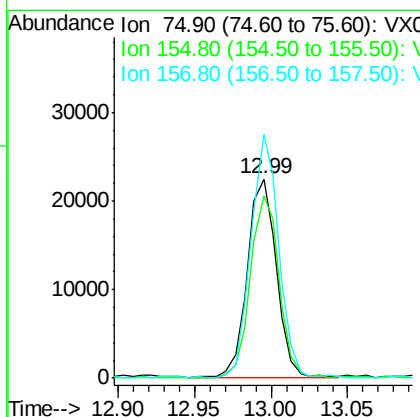
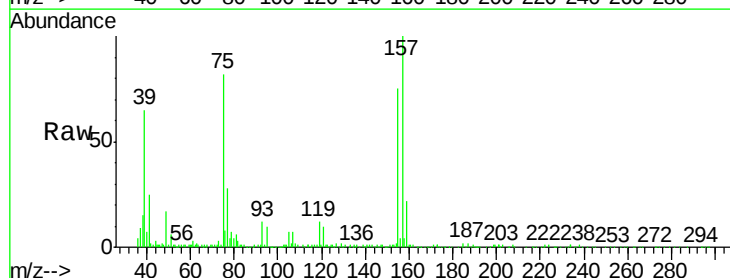
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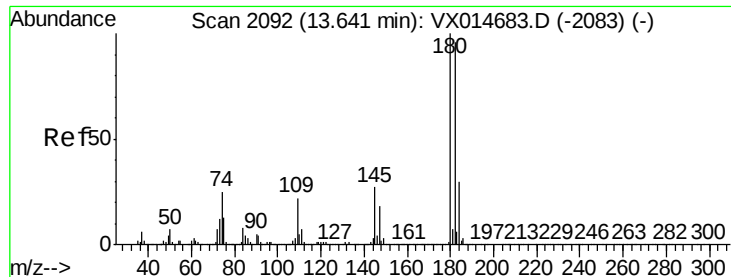
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014717.D
 Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	45.6	136.9
157	118.2	60.3	180.9





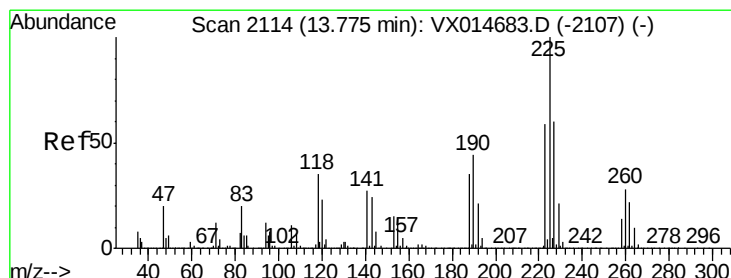
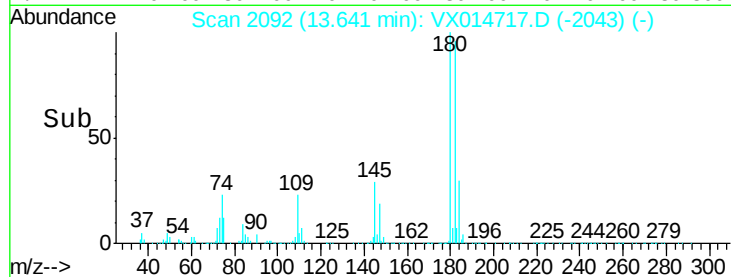
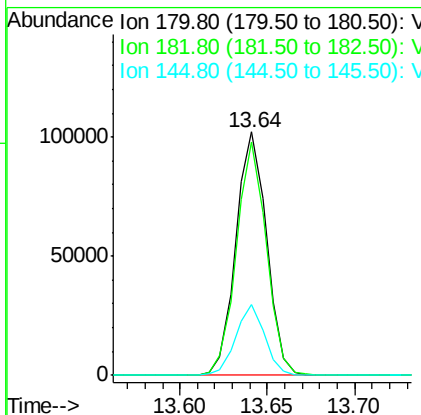
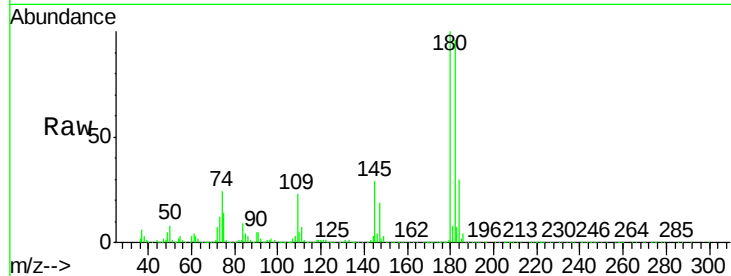
#93
1,2,4-Trichlorobenzene
Concen: 19.767 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124532		
182	93.8	48.5	145.6	
145	27.6	14.0	41.9	

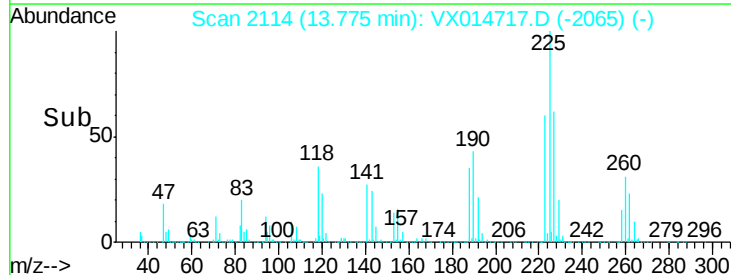
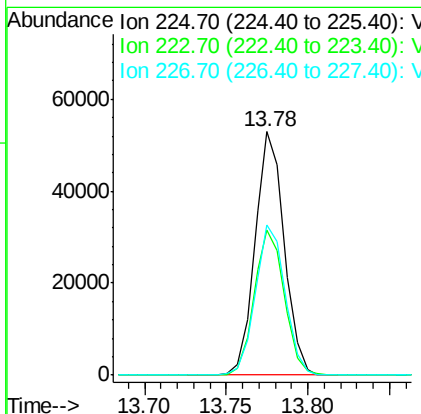
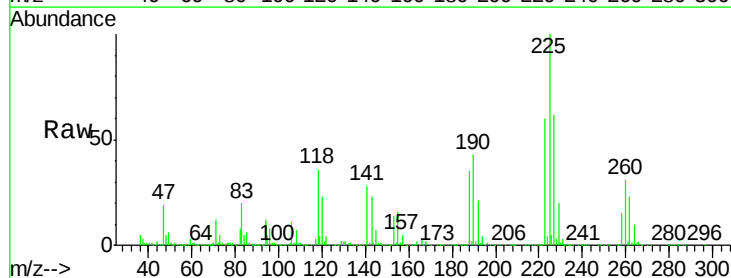
Manual Integrations
APPROVED

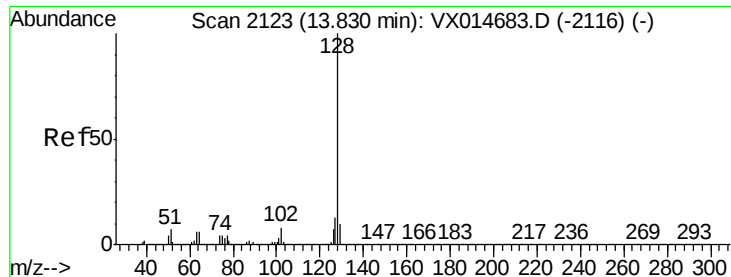
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1/28/2020 11:18:29 AM



#94
Hexachlorobutadiene
Concen: 20.229 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65592		
223	61.3	30.6	91.8	
227	63.1	31.4	94.0	





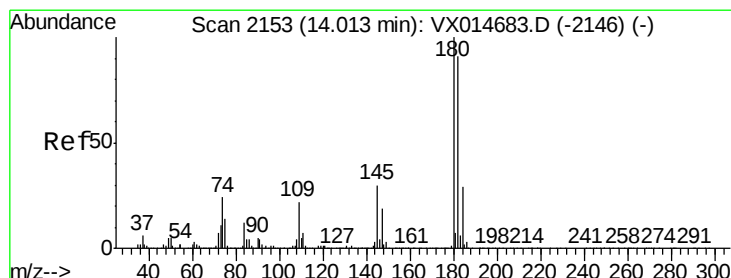
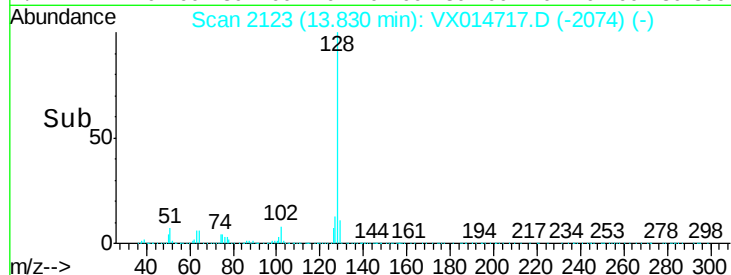
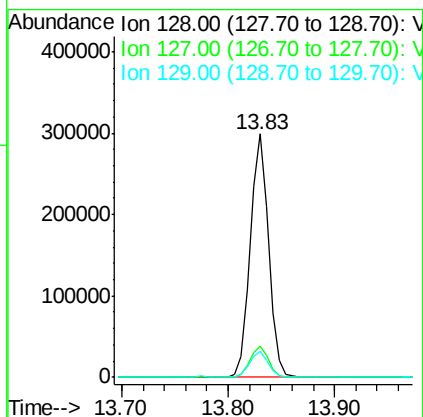
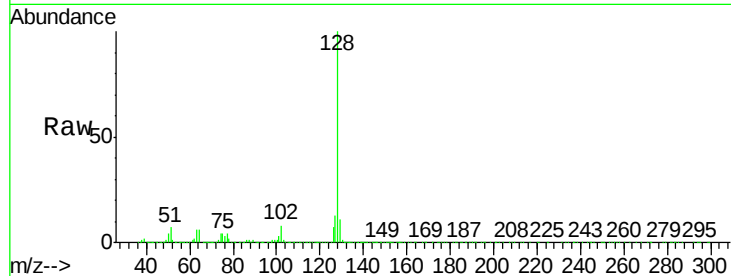
#95
Naphthalene
Concen: 18.416 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0127WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.700 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014717.D
Acq: 27 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.6	139.7
145	29.8	14.7	44.1

