

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
 Data File : VX014761.D
 Acq On : 29 Jan 2020 11:29
 Operator : JC/SP
 Sample : VX0129WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:07 AM

Quant Time: Jan 29 23:27:12 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	456950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	673292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	268436	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.48	113	215834	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.71	98	842411	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	295629	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	115637	19.184	ug/l	98
3) Chloromethane	1.32	50	114067	18.452	ug/l	99
4) Vinyl Chloride	1.40	62	130330	19.499	ug/l	100
5) Bromomethane	1.63	94	78889	17.377	ug/l	99
6) Chloroethane	1.72	64	76063	19.034	ug/l	97
7) Trichlorofluoromethane	1.92	101	149713	19.237	ug/l	98
8) Diethyl Ether	2.18	74	62623	18.435	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90422	19.791	ug/l	98
10) Methyl Iodide	2.50	142	100120	16.701	ug/l	99
11) Tert butyl alcohol	3.02	59	97898	81.717	ug/l	100
12) 1,1-Dichloroethene	2.37	96	84776	18.663	ug/l	98
13) Acrolein	2.28	56	73826	78.156	ug/l	99
14) Allyl chloride	2.72	41	149671	18.331	ug/l	98
15) Acrylonitrile	3.12	53	248497	89.648	ug/l	99
16) Acetone	2.43	43	239969	82.155	ug/l	100
17) Carbon Disulfide	2.56	76	217614	17.528	ug/l	98
18) Methyl Acetate	2.76	43	153464	18.384	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	282067	18.958	ug/l	99
20) Methylene Chloride	2.84	84	97194	17.960	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	90809	18.156	ug/l	97
22) Diisopropyl ether	3.84	45	314019	19.331	ug/l	94
23) Vinyl Acetate	3.80	43	1192690	96.317	ug/l	100
24) 1,1-Dichloroethane	3.69	63	167940	19.037	ug/l	100
25) 2-Butanone	4.65	43	355051	84.735	ug/l	99
26) 2,2-Dichloropropane	4.57	77	137015	19.404	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	104773	18.717	ug/l	98
28) Bromochloromethane	5.00	49	81406	20.999	ug/l	100
29) Tetrahydrofuran	5.11	42	219364	88.207	ug/l	99
30) Chloroform	5.20	83	164741	18.851	ug/l	97
31) Cyclohexane	5.57	56	154159	18.579	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	140928	19.078	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123240	19.699	ug/l	98
37) Ethyl Acetate	4.81	43	132657	18.513	ug/l	97
38) Carbon Tetrachloride	5.78	117	119194	19.949	ug/l	96

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 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)
39) Methylcyclohexane	7.45	83	153859	19.631	ug/l	97
40) Benzene	6.13	78	381765	19.749	ug/l	98
41) Methacrylonitrile	5.02	41	72587	17.591	ug/l	94
42) 1,2-Dichloroethane	6.18	62	134729	20.183	ug/l	99
43) Isopropyl Acetate	6.43	43	221003	18.835	ug/l	99
44) Trichloroethene	7.20	130	106809	19.562	ug/l	99
45) 1,2-Dichloropropane	7.50	63	97560	19.591	ug/l	97
46) Dibromomethane	7.65	93	63078	19.557	ug/l	98
47) Bromodichloromethane	7.89	83	126594	20.012	ug/l	97
48) Methyl methacrylate	7.76	41	107949	19.255	ug/l	98
49) 1,4-Dioxane	7.73	88	44981	378.497	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	691476	93.370	ug/l	100
52) Toluene	8.78	92	238136	20.041	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	134283	19.714	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153282	20.456	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97032	19.945	ug/l	98
56) Ethyl methacrylate	9.17	69	146346	18.895	ug/l	99
57) 1,3-Dichloropropane	9.37	76	166157	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	241978	98.902	ug/l	100
59) 2-Hexanone	9.48	43	538200	93.653	ug/l	99
60) Dibromochloromethane	9.57	129	97776	19.255	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100698	19.577	ug/l	100
64) Tetrachloroethene	9.33	164	112680	18.602	ug/l	99
65) Chlorobenzene	10.13	112	260625	19.912	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94975	19.680	ug/l	99
67) Ethyl Benzene	10.24	91	454722	20.346	ug/l	100
68) m/p-Xylenes	10.35	106	344381	40.674	ug/l	99
69) o-Xylene	10.69	106	164606	20.138	ug/l	100
70) Styrene	10.71	104	278560	20.316	ug/l	99
71) Bromoform	10.85	173	74282	19.355	ug/l #	100
73) Isopropylbenzene	11.01	105	446581	20.577	ug/l	100
74) N-amyl acetate	10.89	43	185312	19.485	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143129	18.471	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	121696m	16.946	ug/l	
77) Bromobenzene	11.25	156	115546	19.818	ug/l	97
78) n-propylbenzene	11.35	91	506998	20.580	ug/l	100
79) 2-Chlorotoluene	11.42	91	300729	20.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	373120	20.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43182	17.112	ug/l	95
82) 4-Chlorotoluene	11.51	91	348076	20.512	ug/l	100
83) tert-Butylbenzene	11.76	119	351613	20.773	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	372572	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	431852	20.827	ug/l	99
86) p-Isopropyltoluene	12.06	119	392567	20.486	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	204885	19.553	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	207007	19.722	ug/l	99
89) n-Butylbenzene	12.38	91	337721	20.235	ug/l	98
90) Hexachloroethane	12.59	117	67331	18.917	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	205770	19.772	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29427	17.675	ug/l	99

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Instrument :
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ClientSampleId :
VX0129WBS01

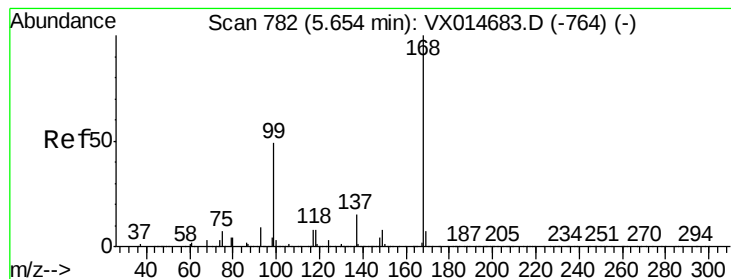
Manual Integrations
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1/30/2020 10:44:07 AM

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	134305	20.017	ug/l	99
94) Hexachlorobutadiene	13.77	225	69852	20.227	ug/l	98
95) Naphthalene	13.83	128	387066	18.488	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138960	20.482	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: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion:168 Resp: 456950

Ion Ratio Lower Upper

168 100

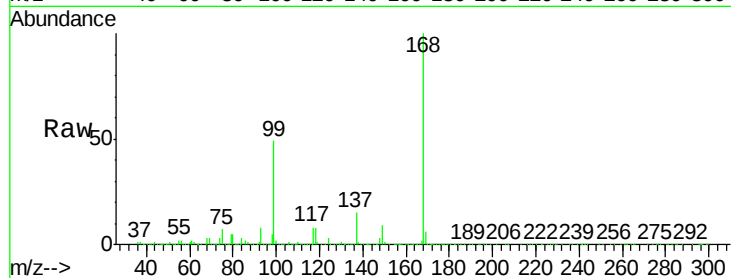
99 49.0 39.8 59.6

Manual Integrations

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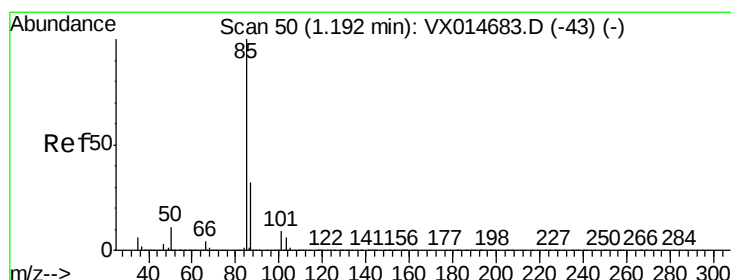
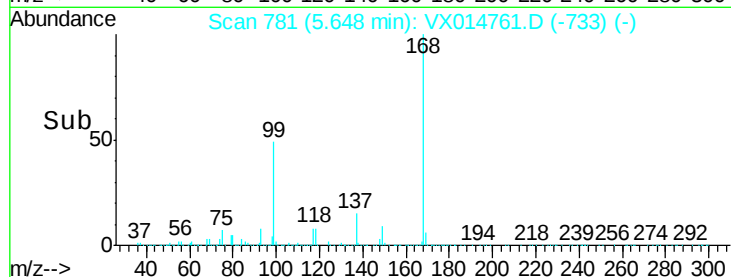
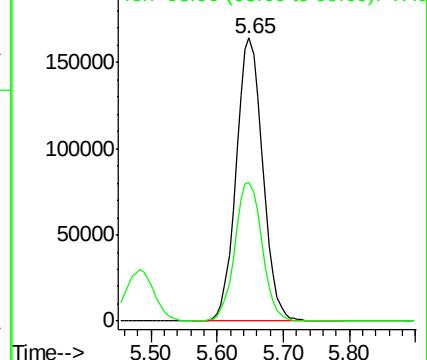
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.184 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014761.D

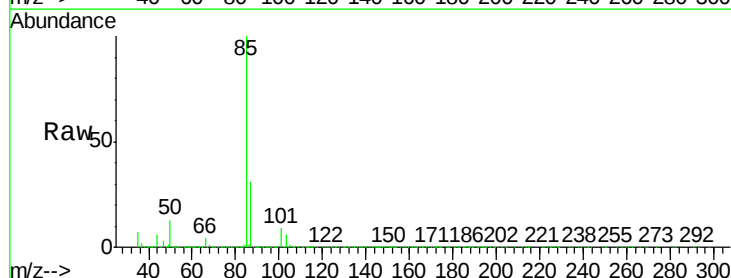
Acq: 29 Jan 2020 11:29

Tgt Ion: 85 Resp: 115637

Ion Ratio Lower Upper

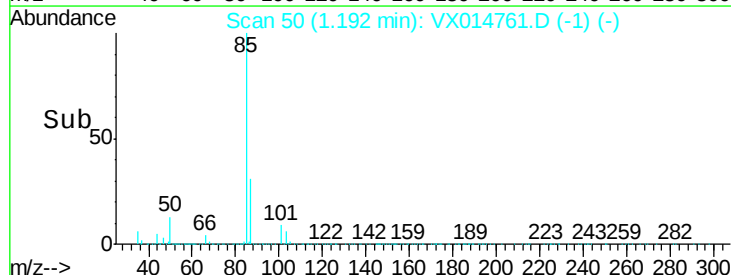
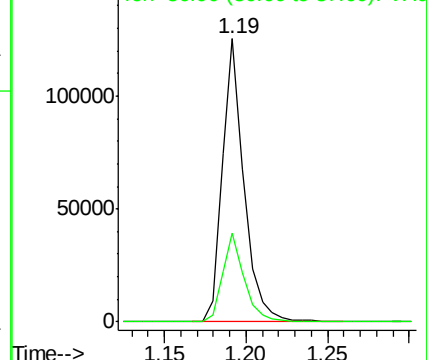
85 100

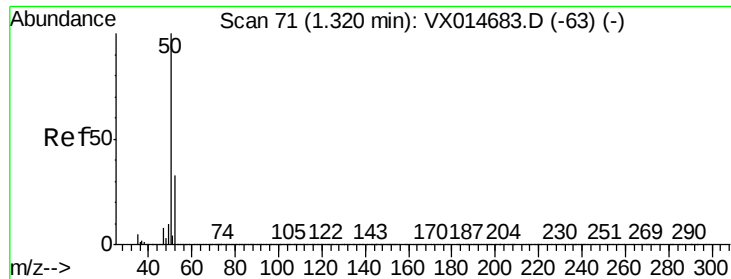
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





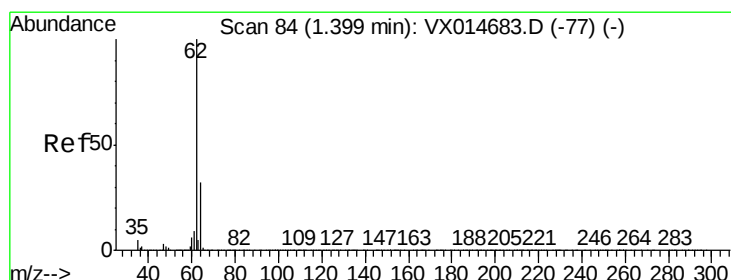
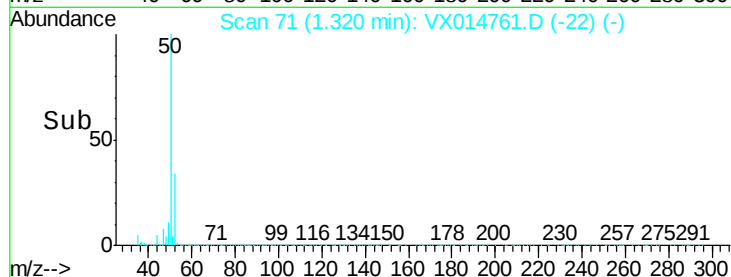
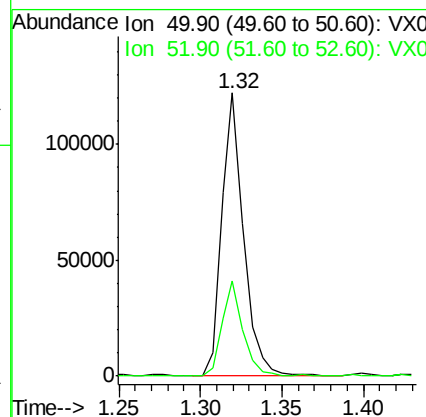
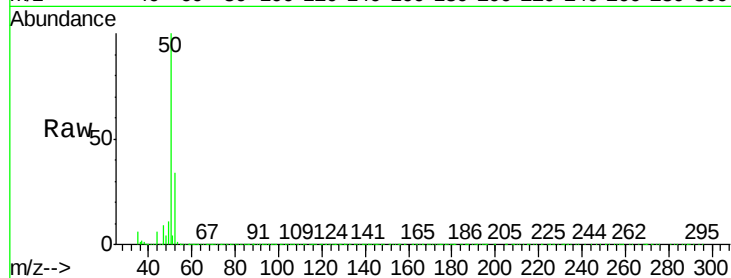
#3
Chloromethane
Concen: 18.452 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
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ClientSampleId :
VX0129WBS01

Tot Ion	50	Resp	114067
Ion Ratio	100	Lower	Upper
52	33.4	26.2	39.2

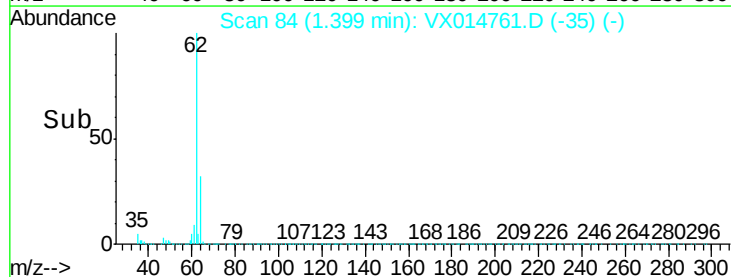
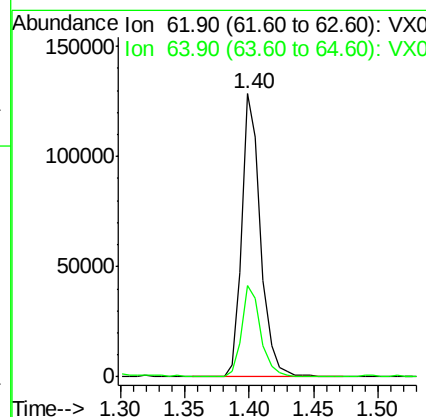
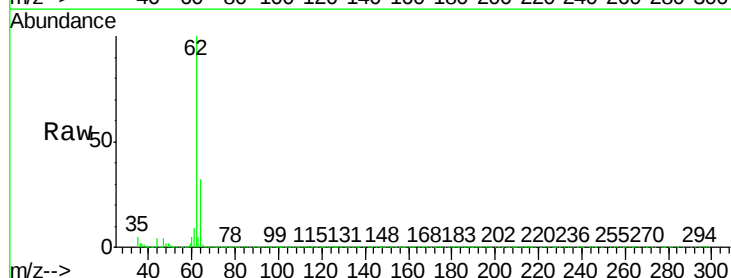
Manual Integrations
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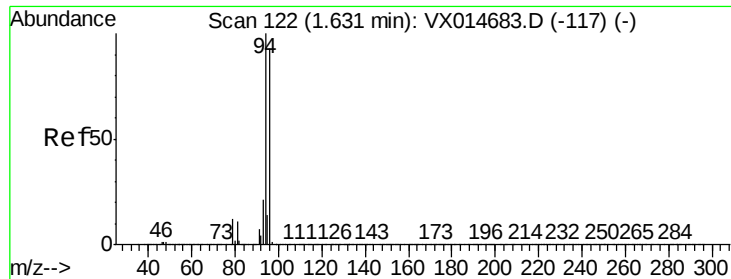
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#4
Vinyl Chloride
Concen: 19.499 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	62	Resp	130330
Ion Ratio	100	Lower	Upper
64	31.8	25.4	38.2





#5

Bromomethane

Concen: 17.377 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 94 Resp: 78889

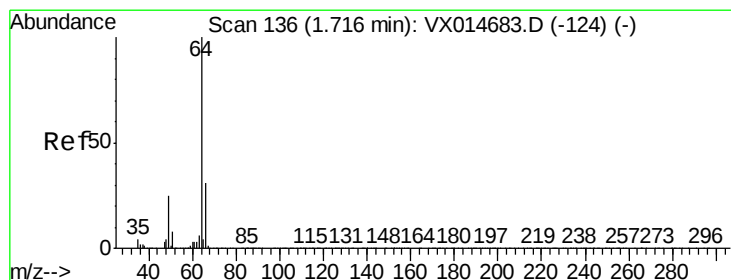
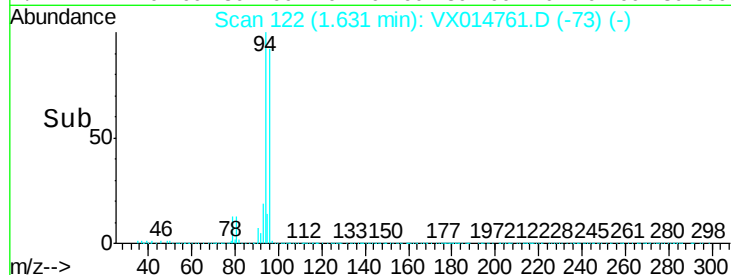
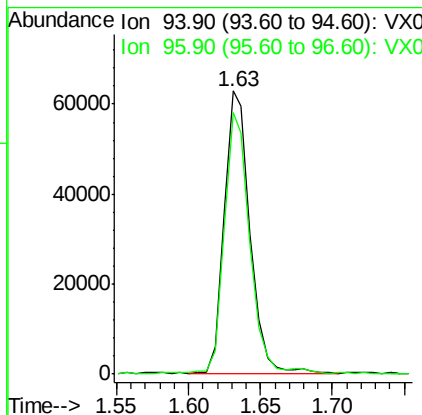
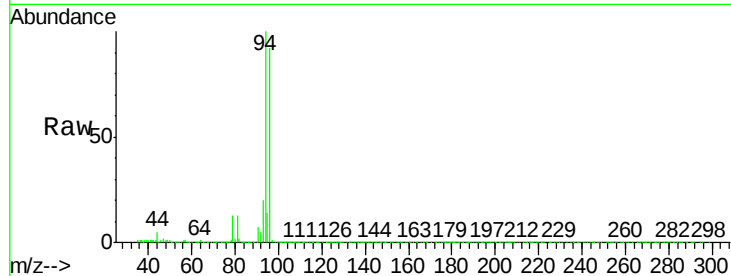
Ion Ratio Lower Upper

94 100

96 92.1 74.7 112.1

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#6

Chloroethane

Concen: 19.034 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014761.D

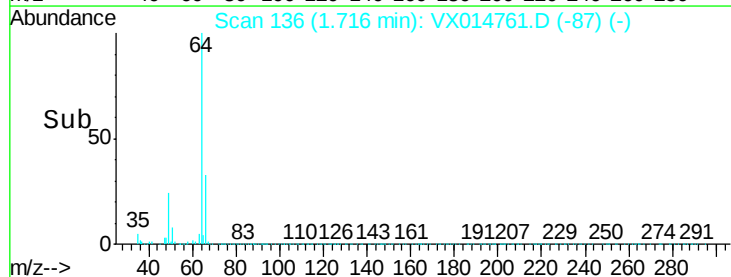
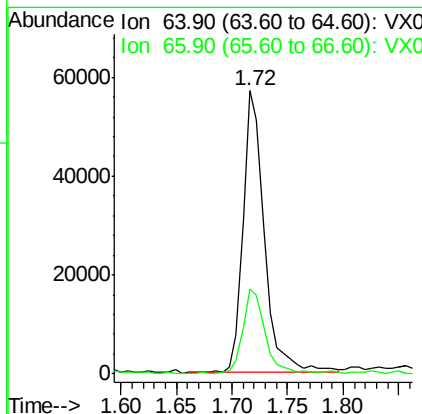
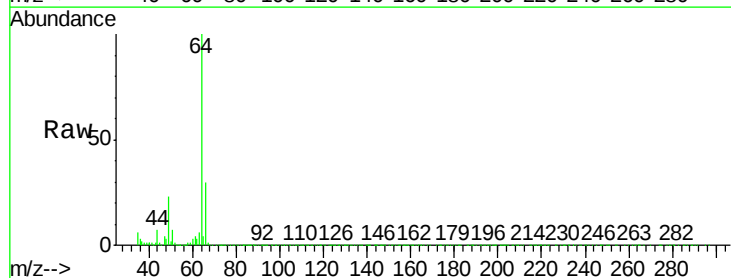
Acq: 29 Jan 2020 11:29

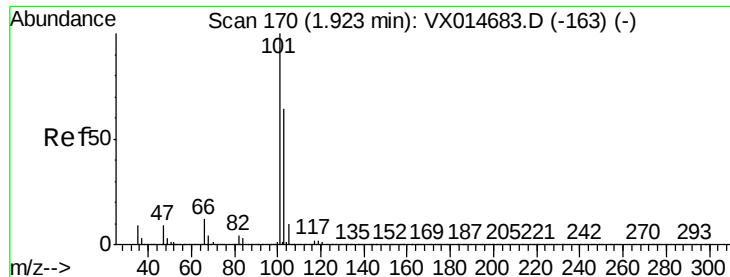
Tgt Ion: 64 Resp: 76063

Ion Ratio Lower Upper

64 100

66 29.6 25.2 37.8





#7

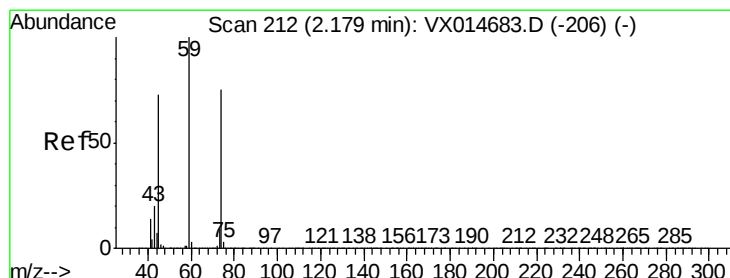
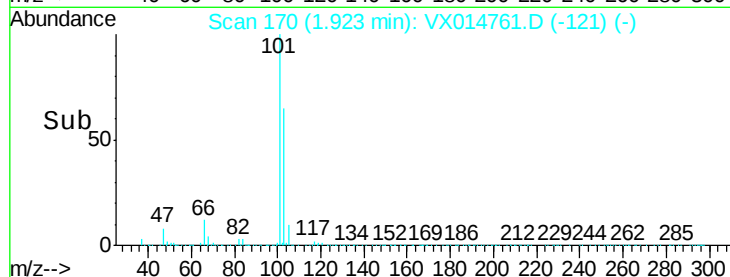
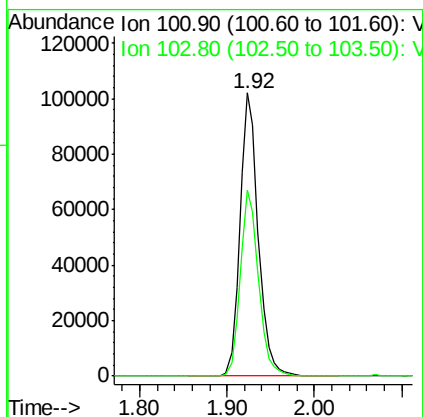
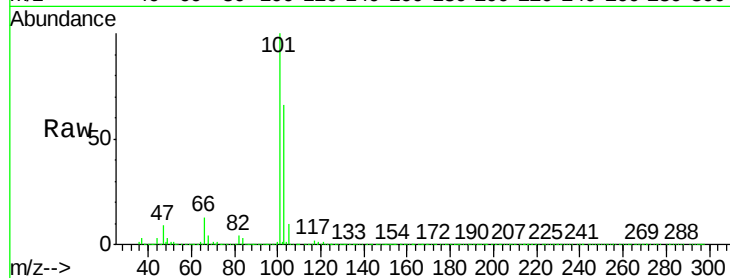
Trichlorofluoromethane
Concen: 19.237 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
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ClientSampleId :
VX0129WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		149713		
103	65.6	51.0	76.6		

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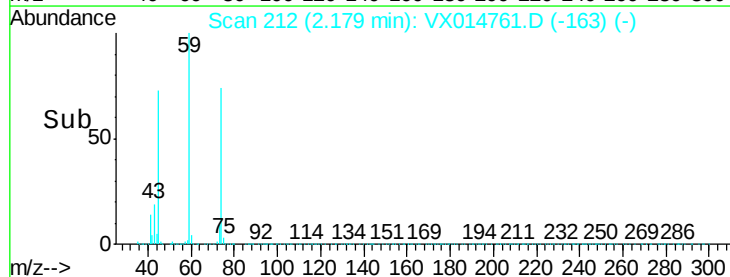
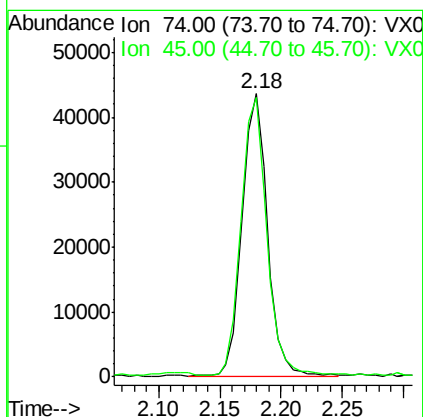
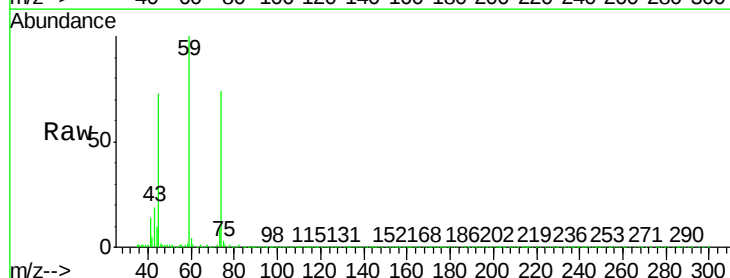
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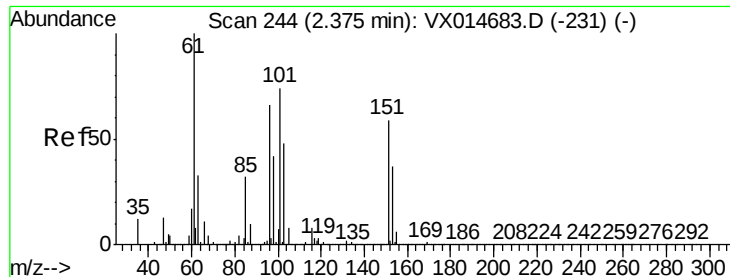


#8

Diethyl Ether
Concen: 18.435 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		62623		
45	98.8	49.4	148.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.791 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

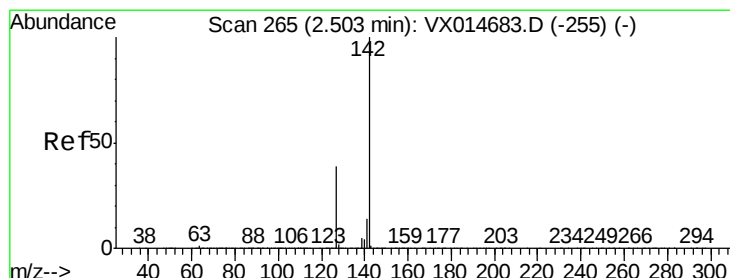
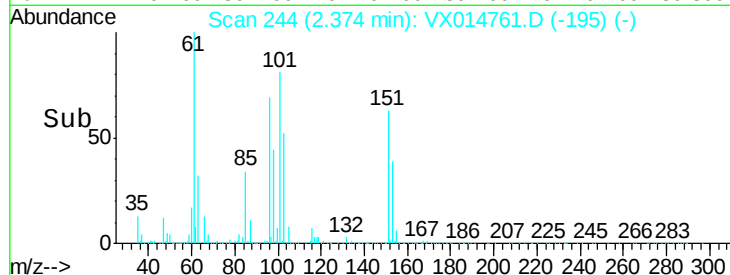
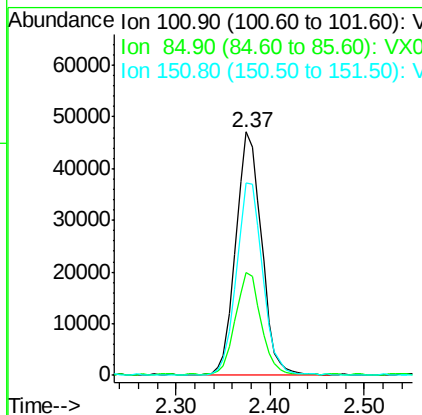
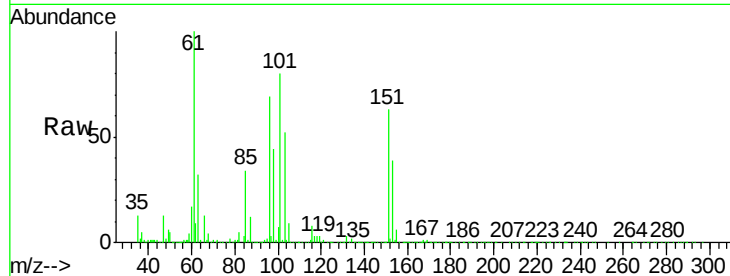
ClientSampleId :

VX0129WBS01

Tot Ion:	101	Resp:	90422
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.7	52.1
151	80.3	64.7	97.1

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#10

Methyl Iodide

Concen: 16.701 ug/l

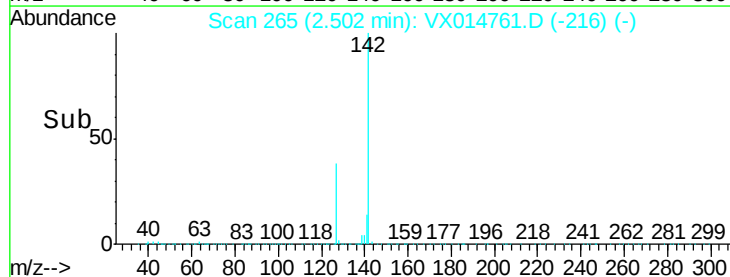
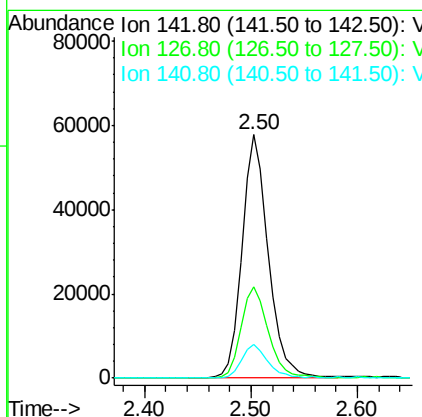
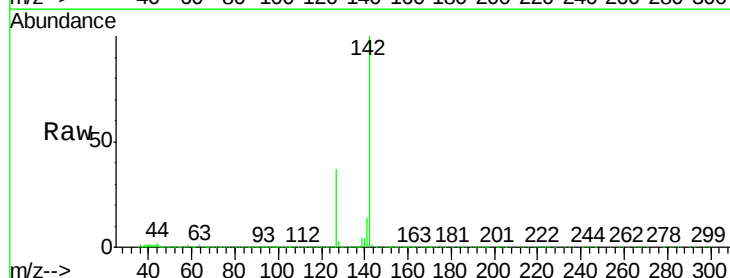
RT: 2.50 min Scan# 265

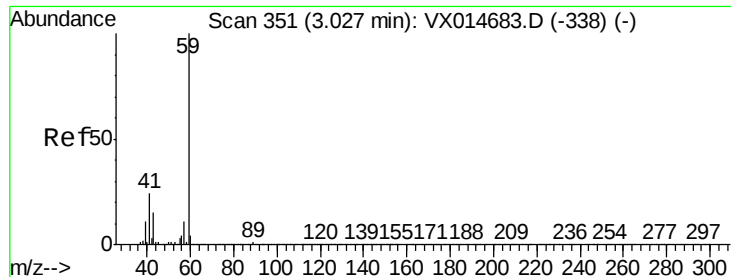
Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	142	Resp:	100120
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.1	46.7
141	14.2	11.3	16.9





#11

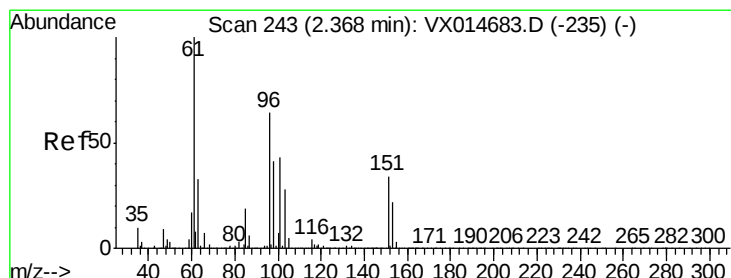
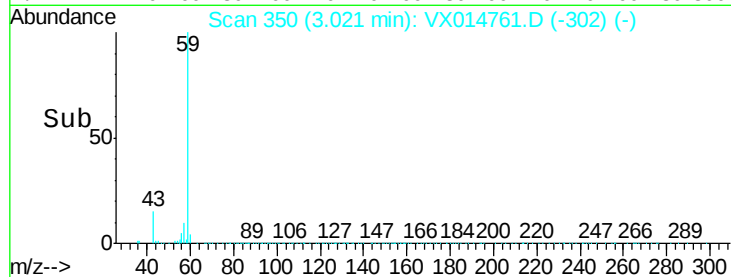
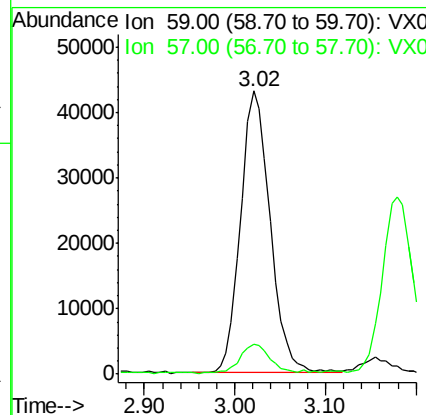
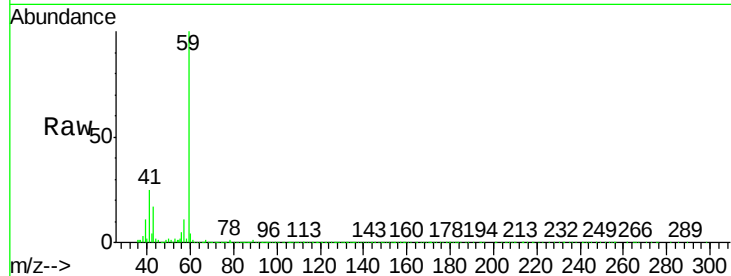
Tert butyl alcohol
 Concen: 81.717 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

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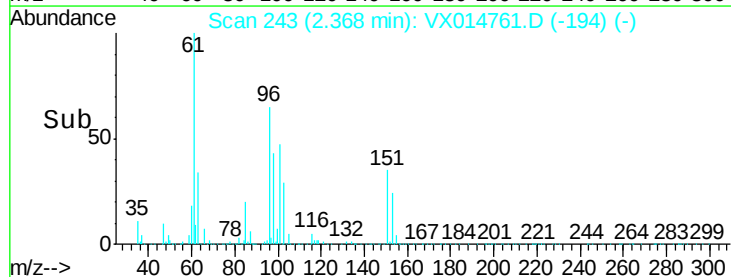
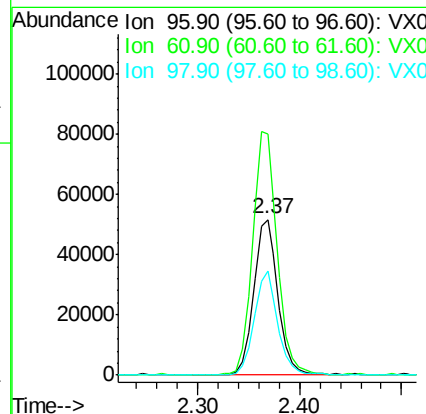
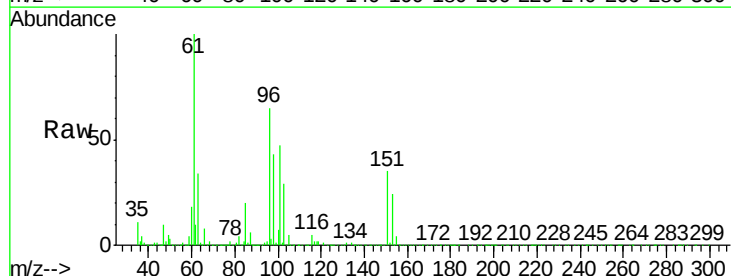
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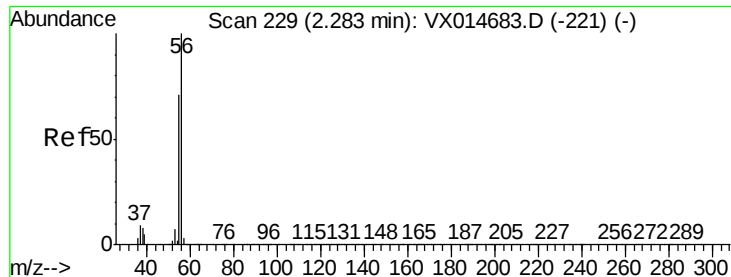


#12

1,1-Dichloroethene
 Concen: 18.663 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	125.8	188.8
98	66.5	51.5	77.3





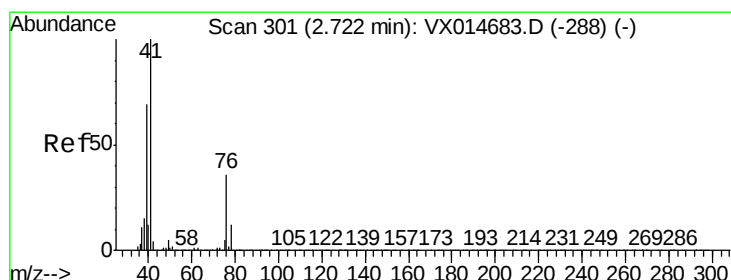
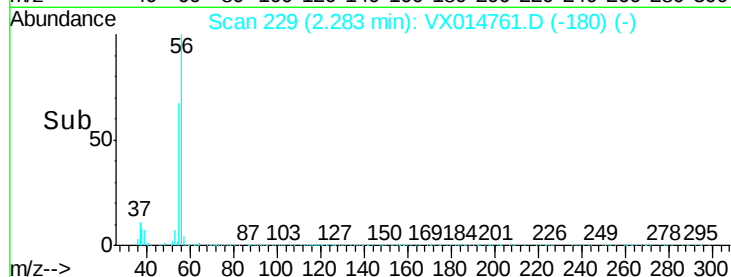
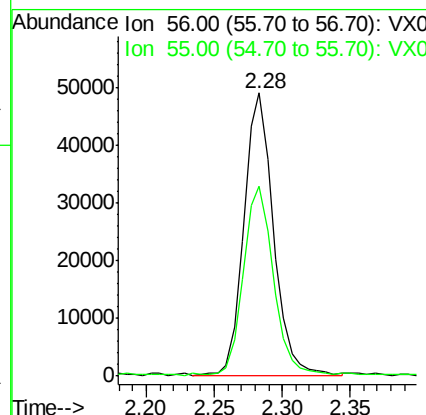
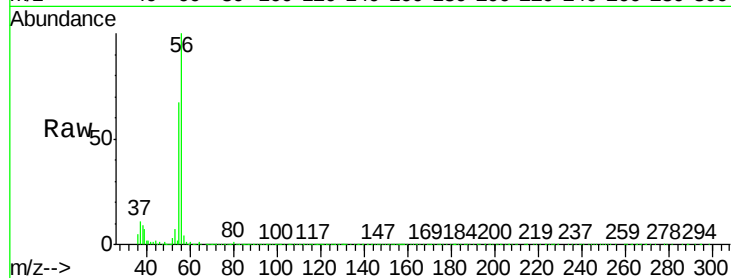
#13
Acrolein
Concen: 78.156 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.6	84.8

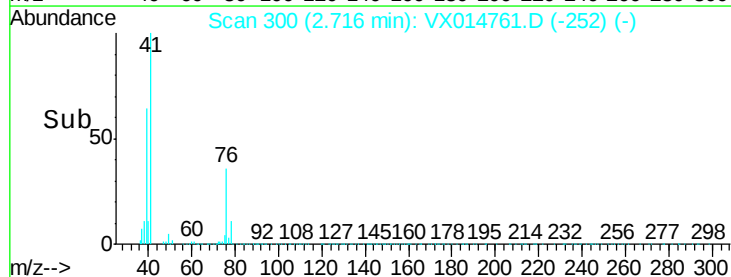
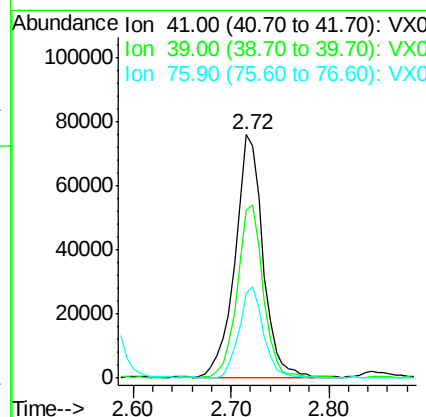
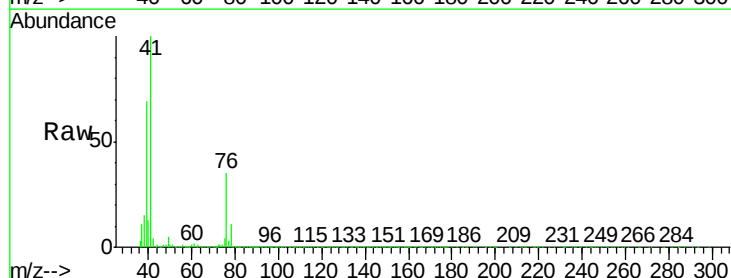
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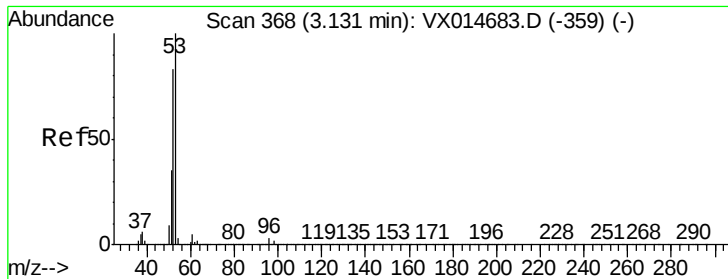
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#14
Allyl chloride
Concen: 18.331 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	52.0	78.0
76	32.9	26.0	39.0





#15

Acrylonitrile

Concen: 89.648 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

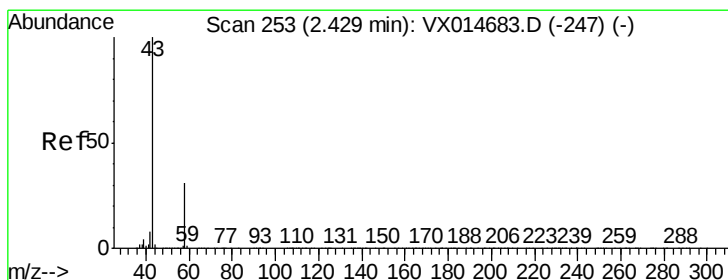
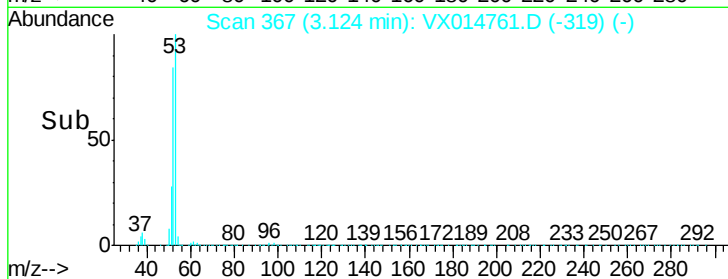
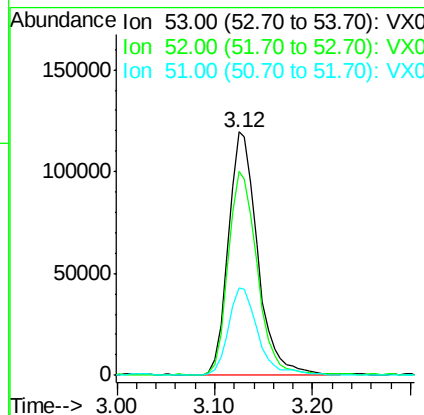
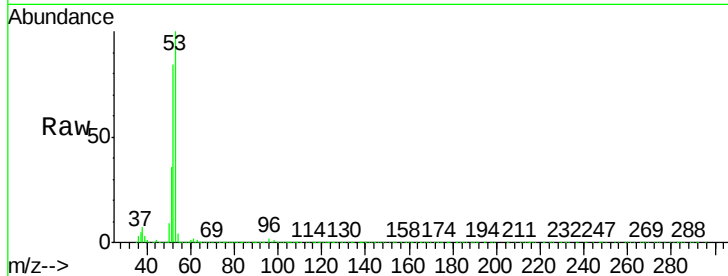
ClientSampleId :

VX0129WBS01

Tot Ion:	53	Resp:	248497
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.4	99.6
51	36.7	28.7	43.1

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#16

Acetone

Concen: 82.155 ug/l

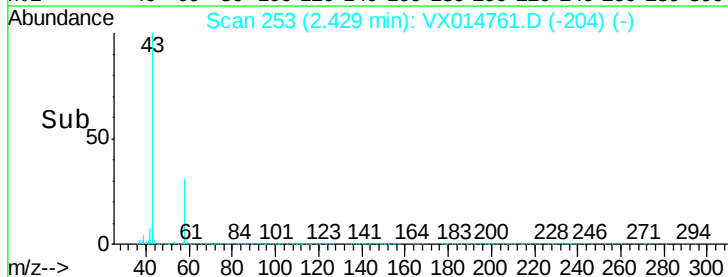
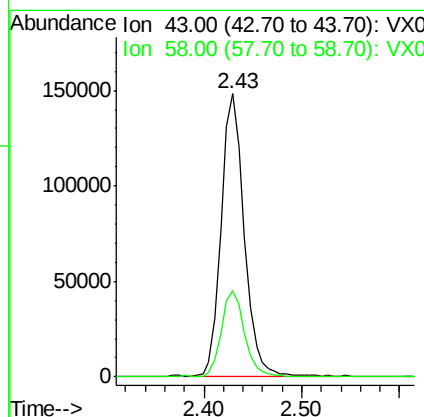
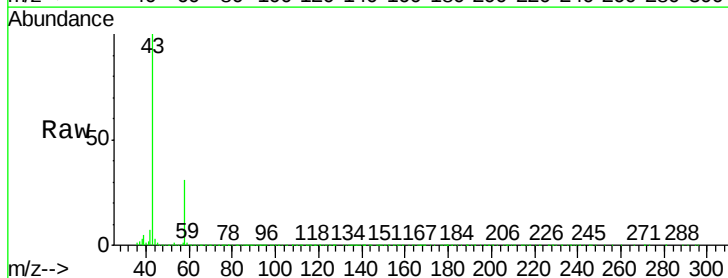
RT: 2.43 min Scan# 253

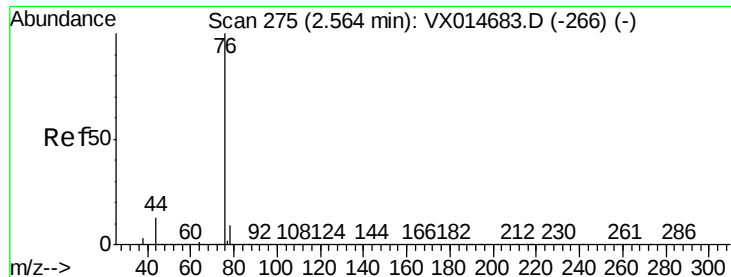
Delta R.T. 0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	43	Resp:	239969
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.5	36.7





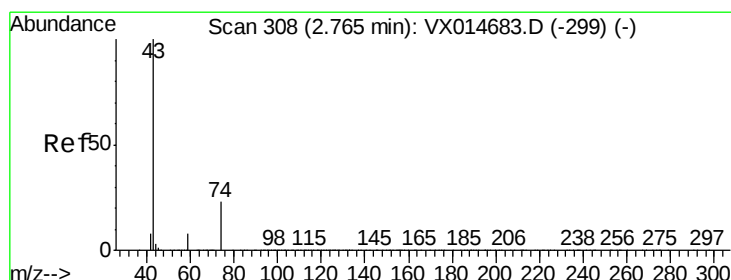
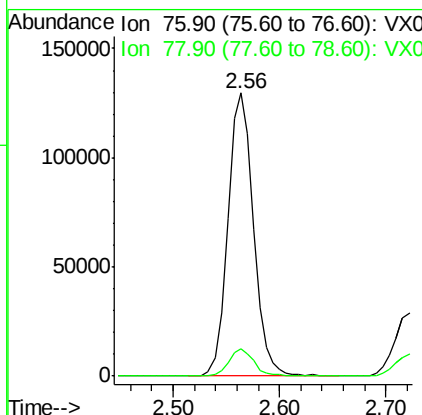
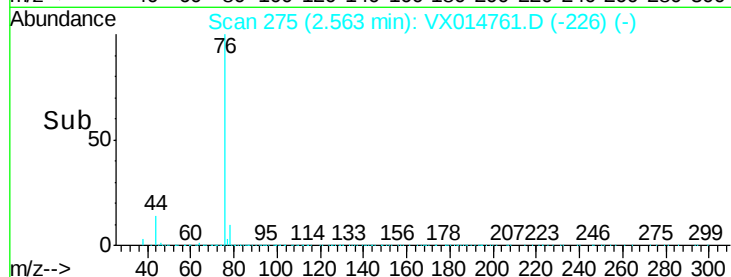
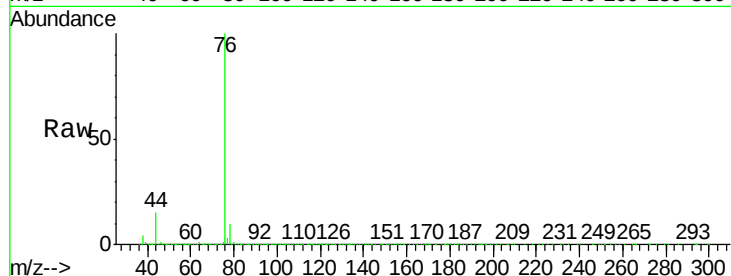
#17
Carbon Disulfide
Concen: 17.528 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

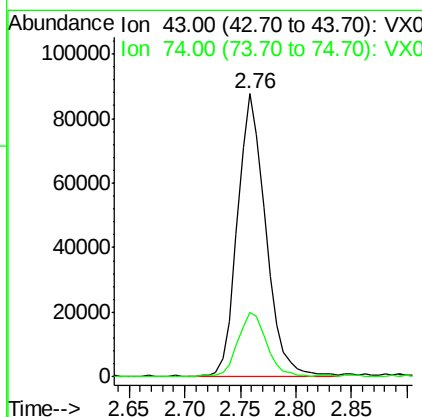
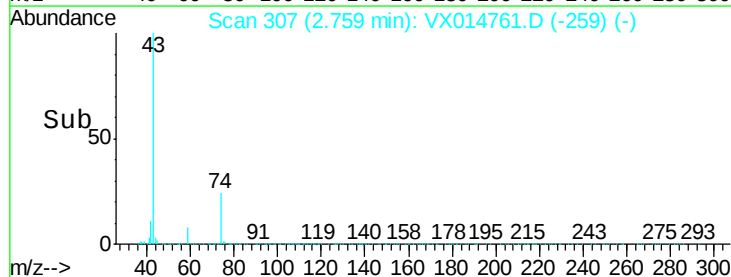
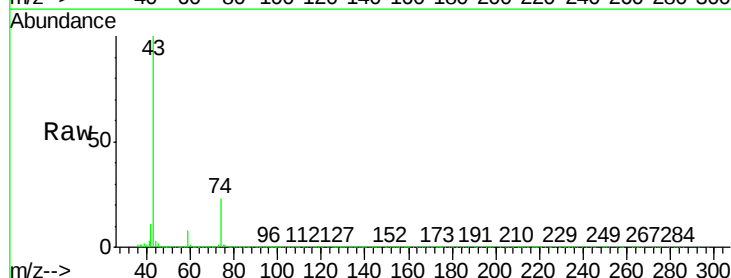
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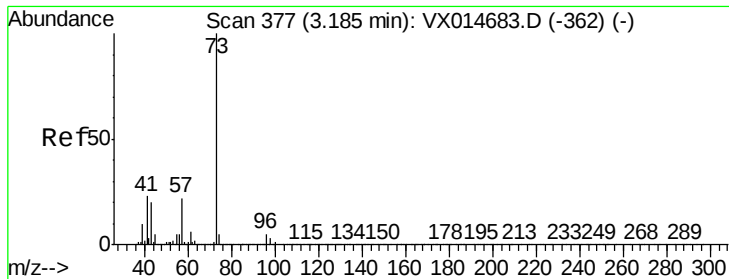
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#18
Methyl Acetate
Concen: 18.384 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





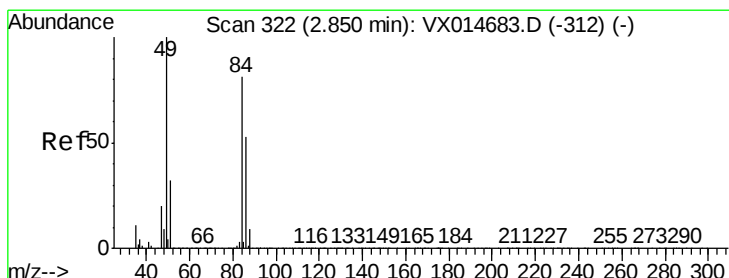
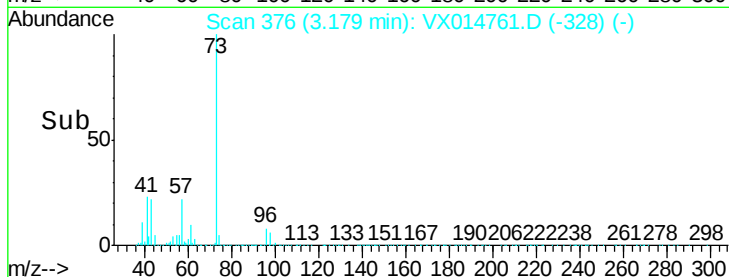
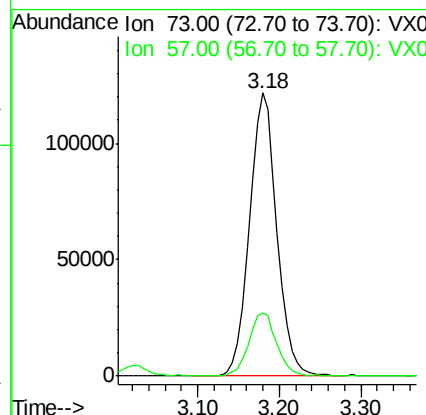
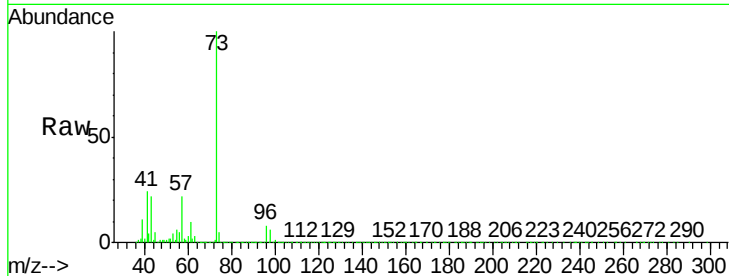
#19
Methvl tert-butvl Ether
Concen: 18.958 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

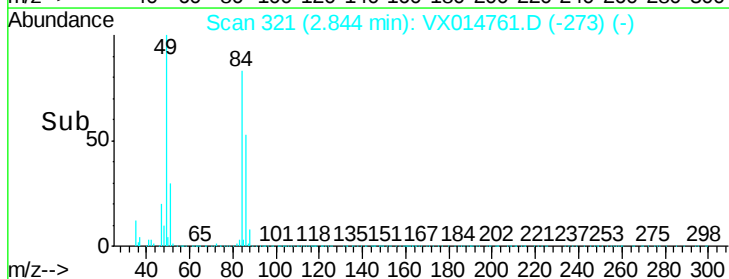
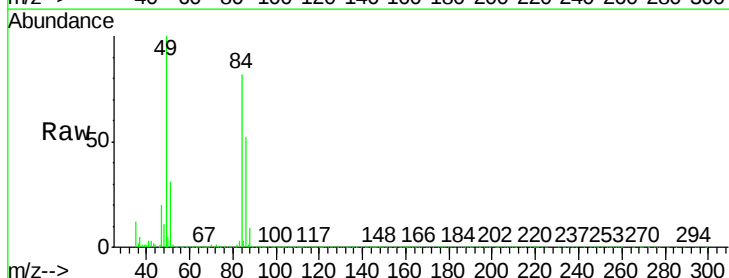
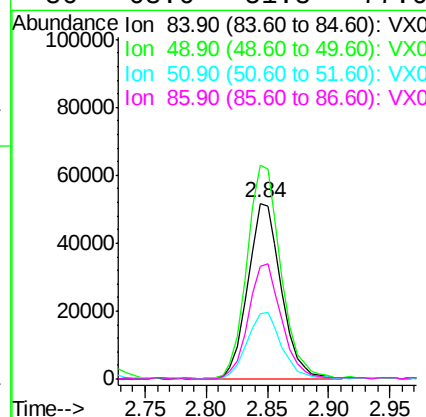
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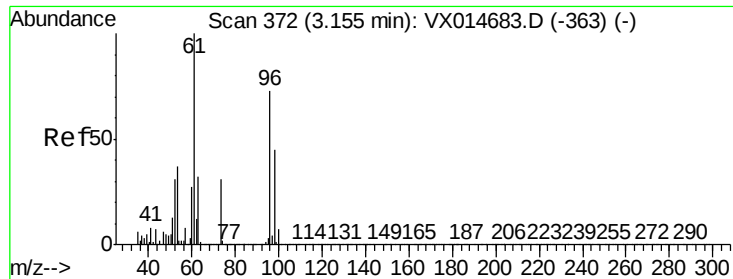
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#20
Methylene Chloride
Concen: 17.960 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.1	98.2	147.4
51	37.1	31.3	46.9
86	63.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.156 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

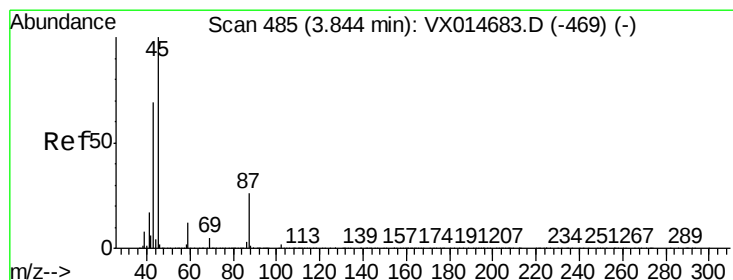
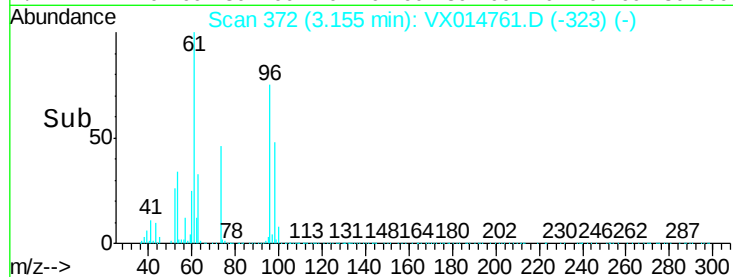
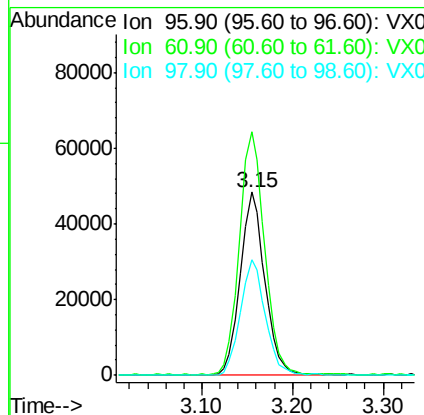
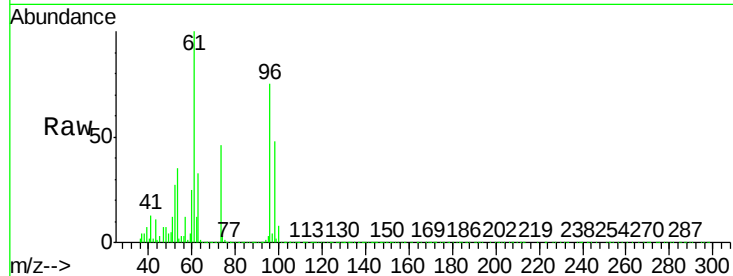
ClientSampleId :

VX0129WBS01

Tot Ion:	96	Resp:	90809
Ion Ratio	Lower	Upper	
96	100		
61	132.7	109.8	164.6
98	63.3	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.331 ug/l

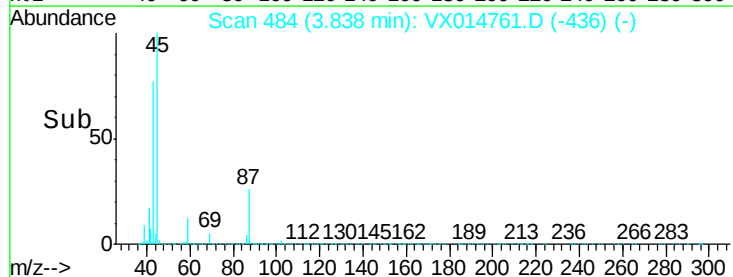
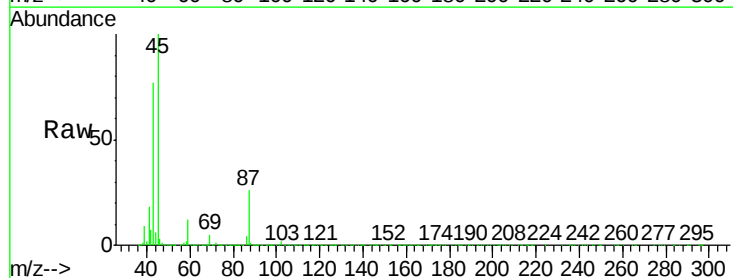
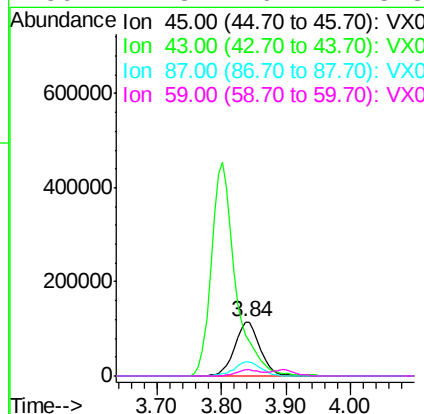
RT: 3.84 min Scan# 484

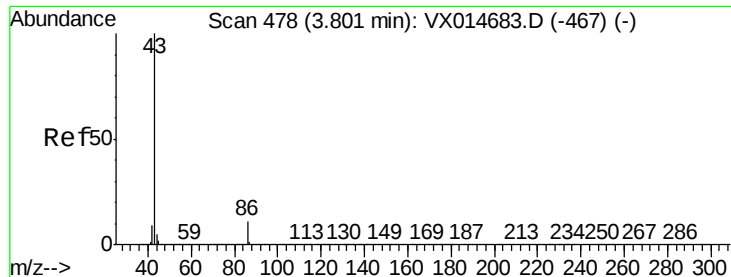
Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	45	Resp:	314019
Ion Ratio	Lower	Upper	
45	100		
43	76.6	55.1	82.7
87	26.1	20.7	31.1
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 96.317 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 43 Resp: 1192690

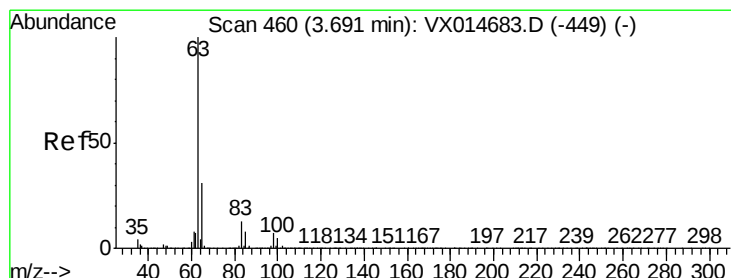
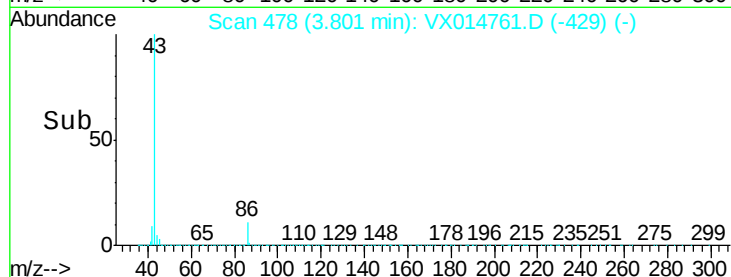
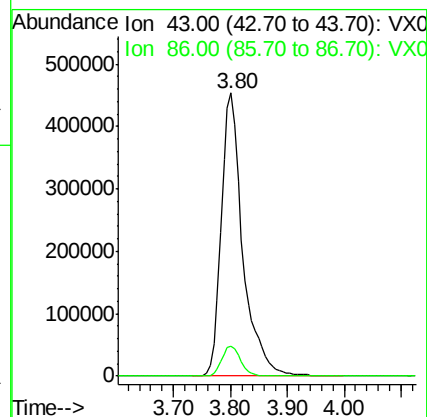
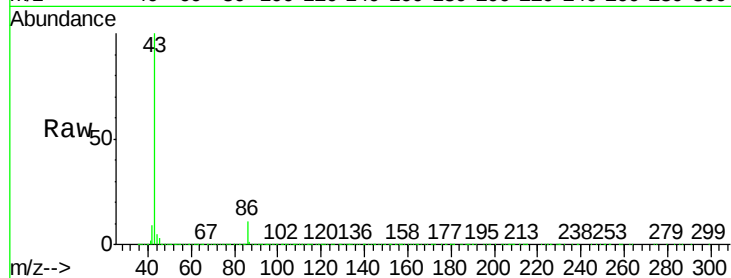
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 19.037 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

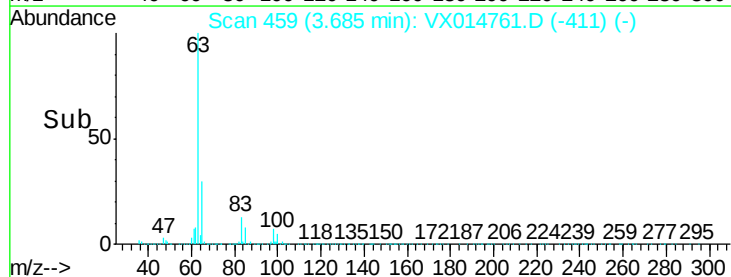
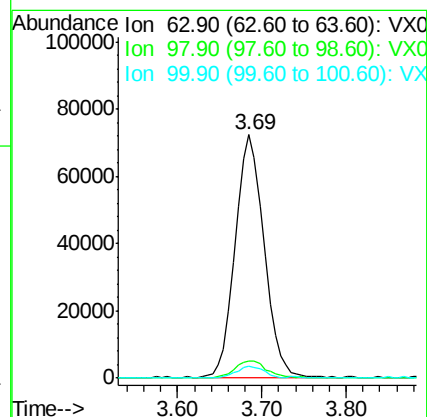
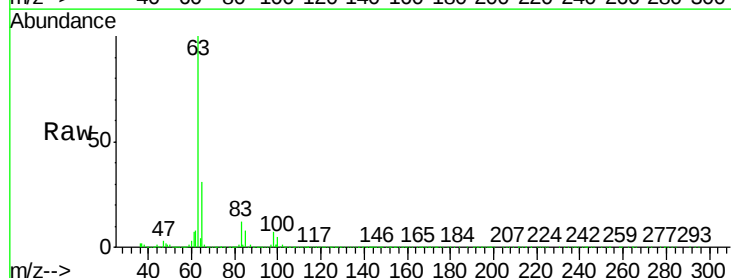
Tgt Ion: 63 Resp: 167940

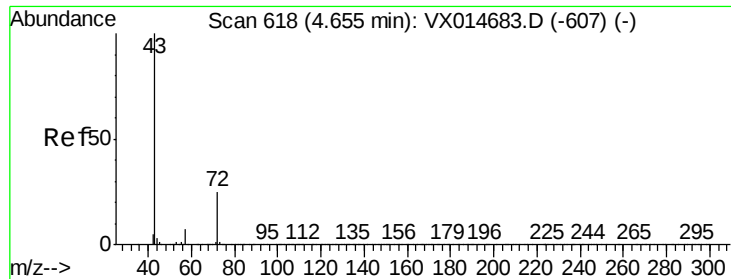
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 84.735 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 43 Resp: 355051

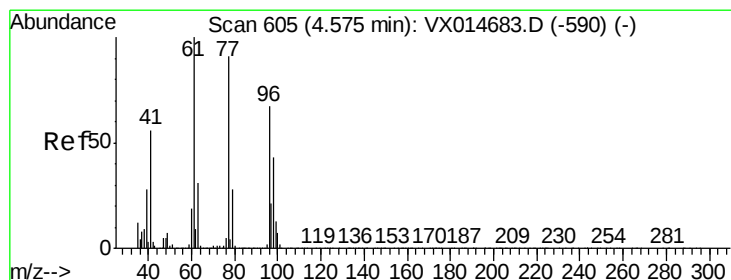
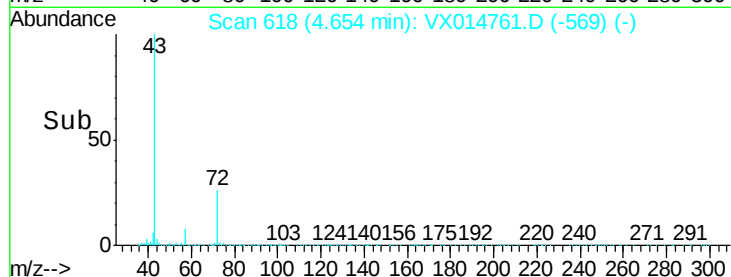
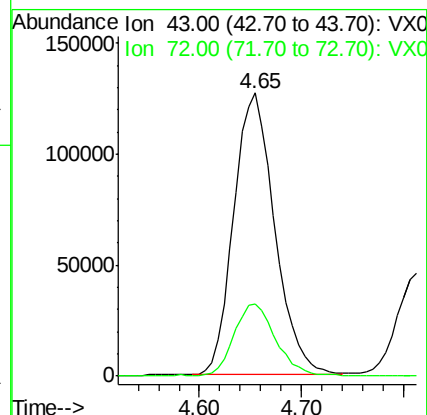
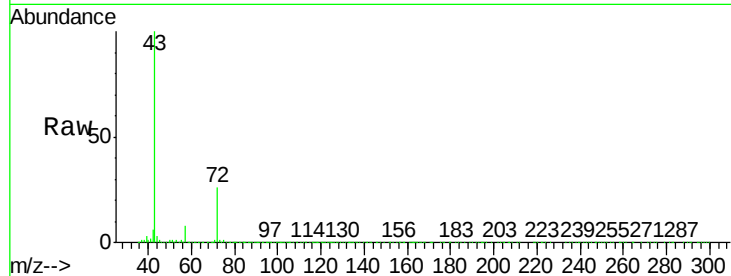
Ion Ratio Lower Upper

43 100

72 25.5 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 19.404 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014761.D

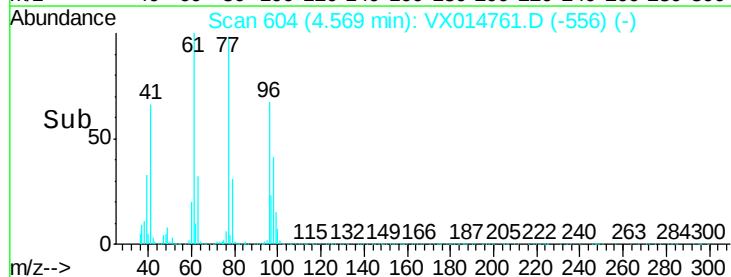
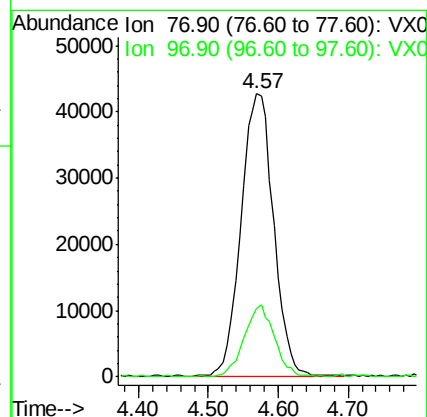
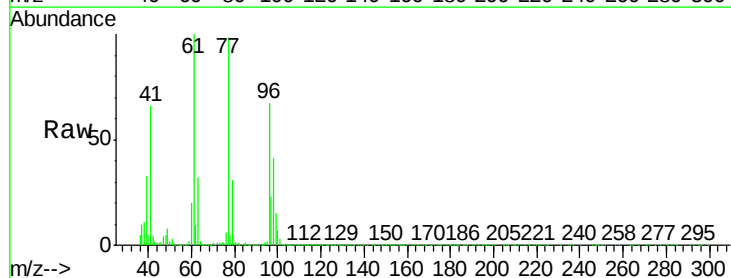
Acq: 29 Jan 2020 11:29

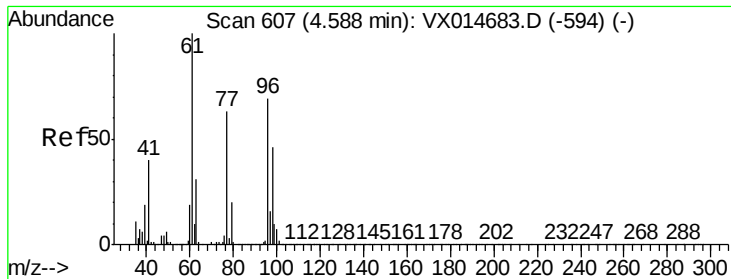
Tgt Ion: 77 Resp: 137015

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

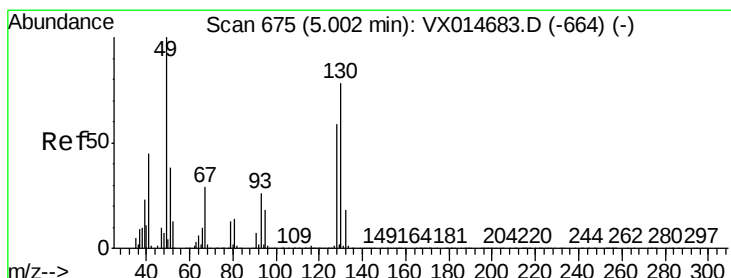
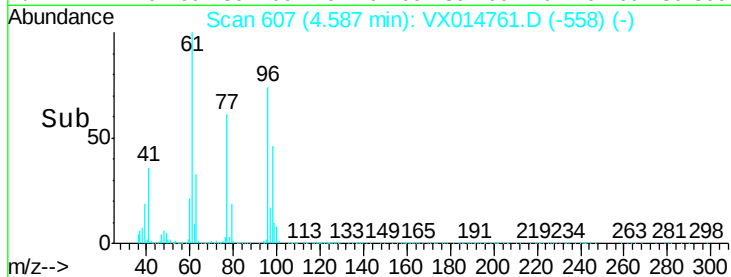
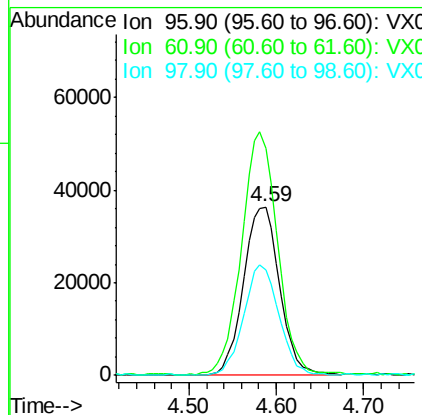
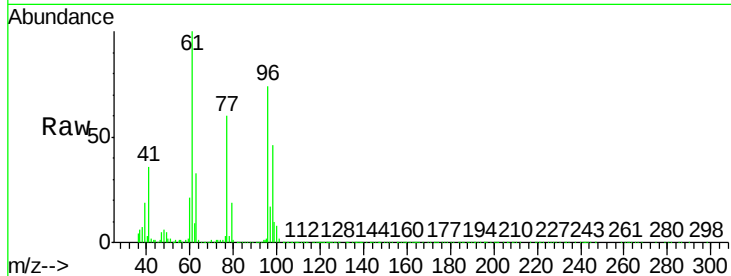
cis-1,2-Dichloroethene
Concen: 18.717 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	291.0
98	64.1	0.0	129.8

Manual Integrations
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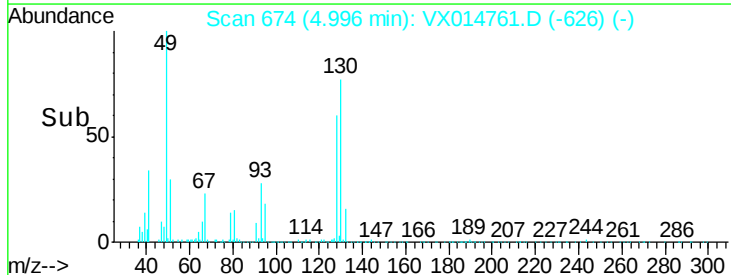
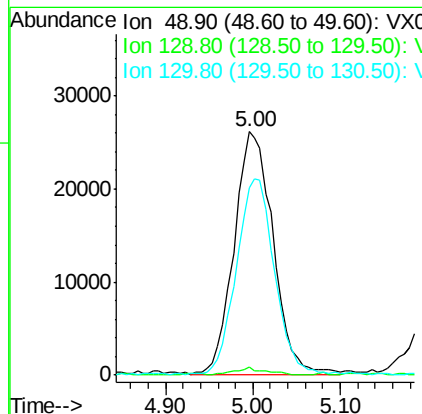
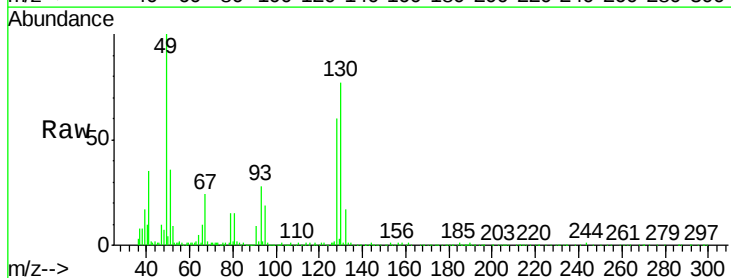
MMDadoda
1/30/2020 10:44:07 AM

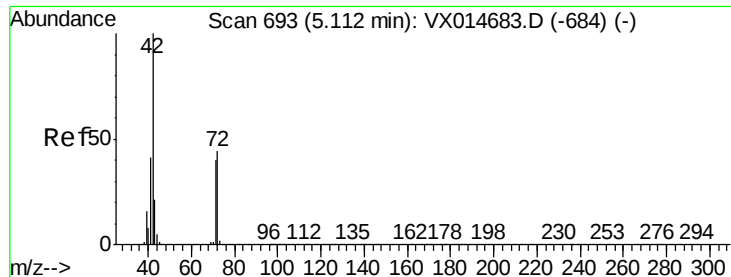


#28

Bromochloromethane
Concen: 20.999 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	77.7	62.4	93.6





#29

Tetrahydrofuran

Concen: 88.207 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

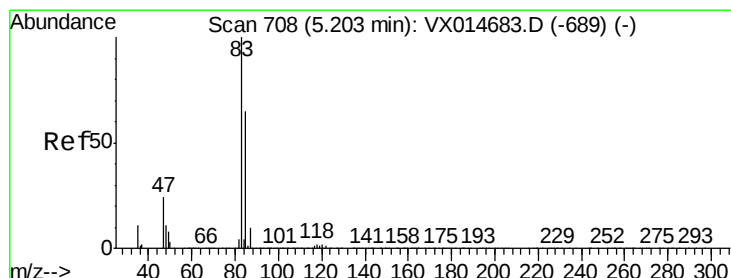
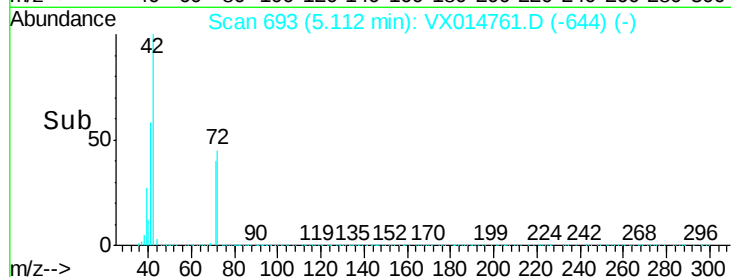
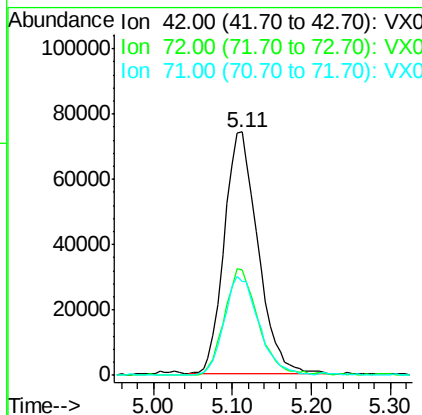
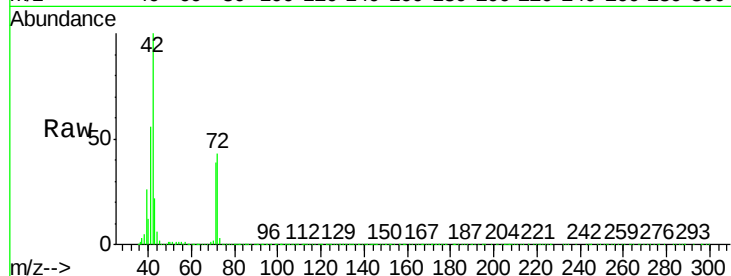
ClientSampleId :

VX0129WBS01

Tot Ion:	42	Resp:	219364
Ion Ratio		Lower	Upper
42	100		
72	44.8	35.3	52.9
71	41.6	33.1	49.7

Manual Integrations
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#30

Chloroform

Concen: 18.851 ug/l

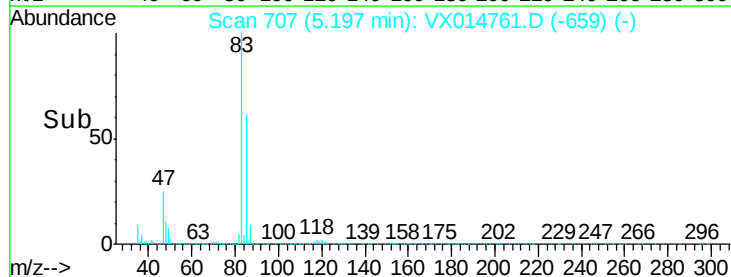
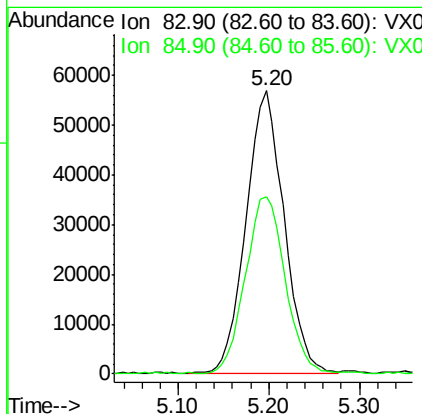
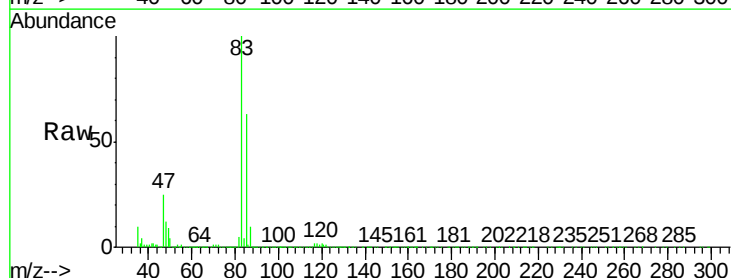
RT: 5.20 min Scan# 707

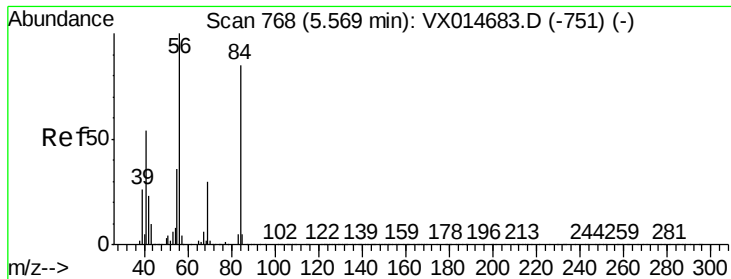
Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	83	Resp:	164741
Ion Ratio		Lower	Upper
83	100		
85	62.4	51.7	77.5





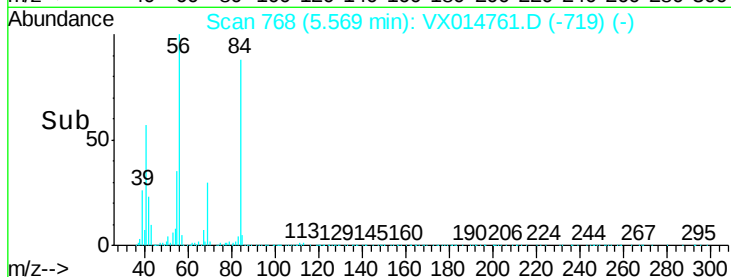
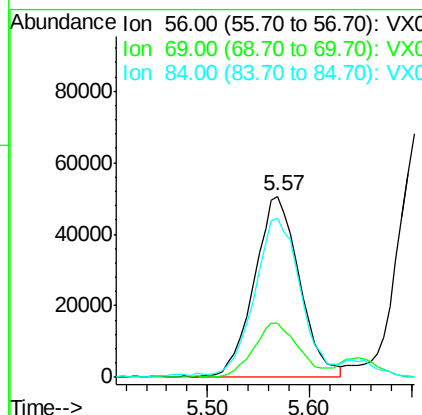
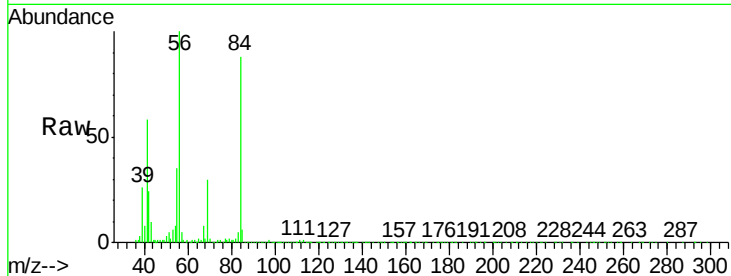
#31
Cyclohexane
Concen: 18.579 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	87.0	68.4	102.6

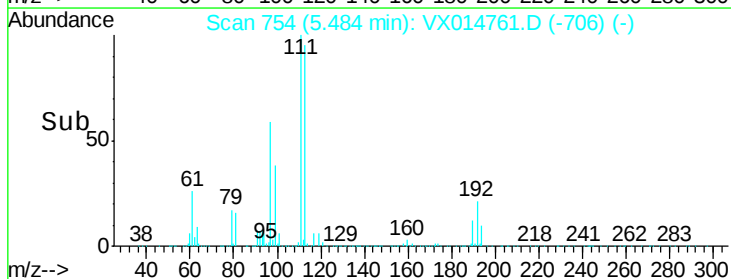
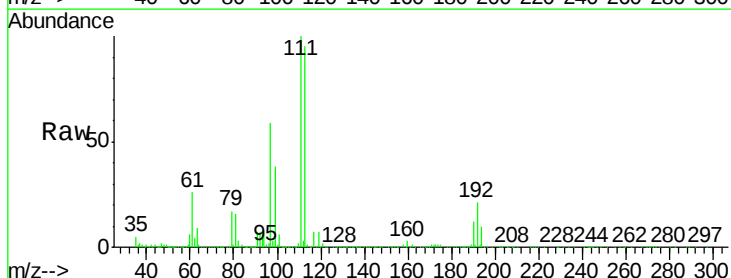
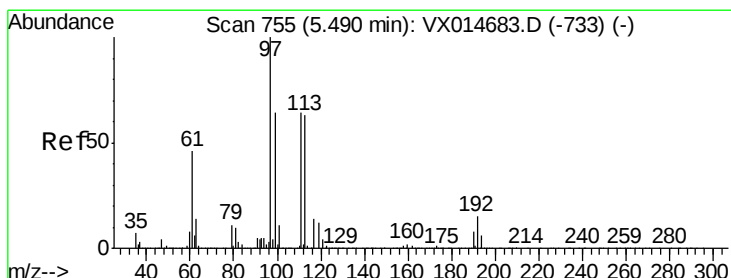
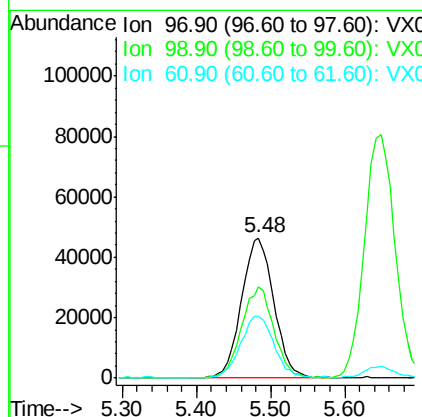
Manual Integrations
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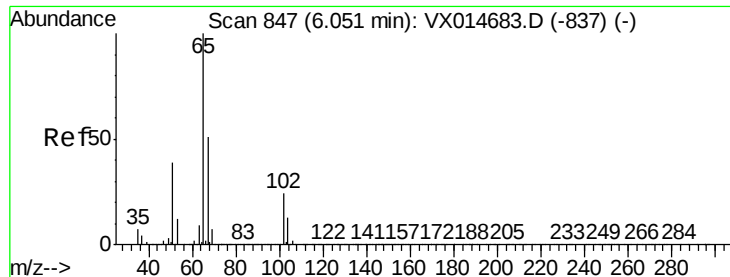
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1/30/2020 10:44:07 AM



#32
1,1,1-Trichloroethane
Concen: 19.078 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	45.2	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 50.306 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 65 Resp: 268436

Ion Ratio Lower Upper

65 100

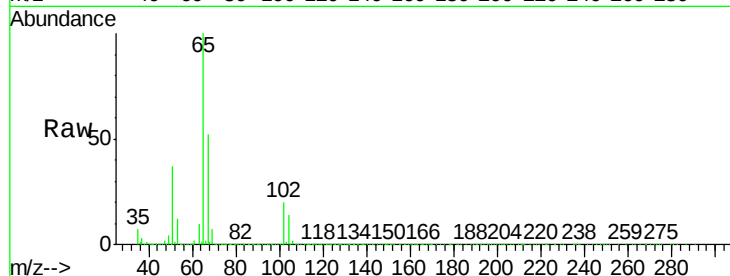
67 52.1 0.0 107.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

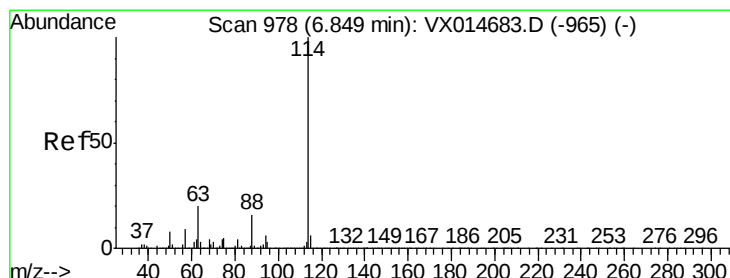
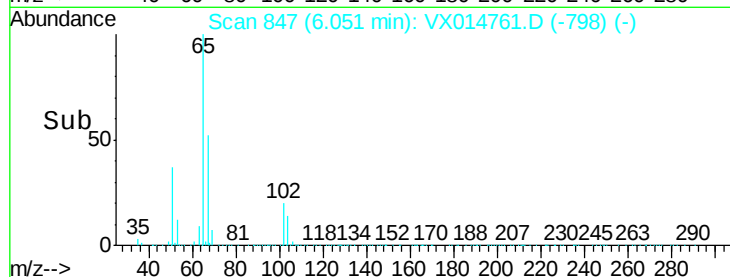
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

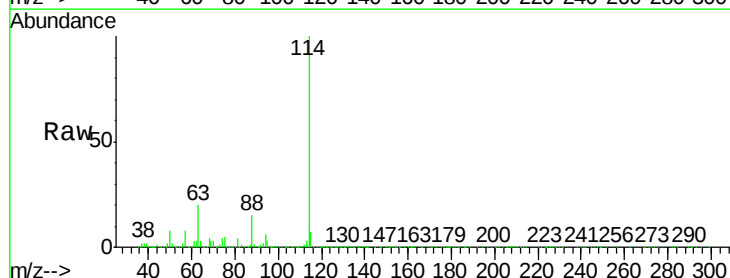
Tgt Ion: 114 Resp: 673292

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

400000

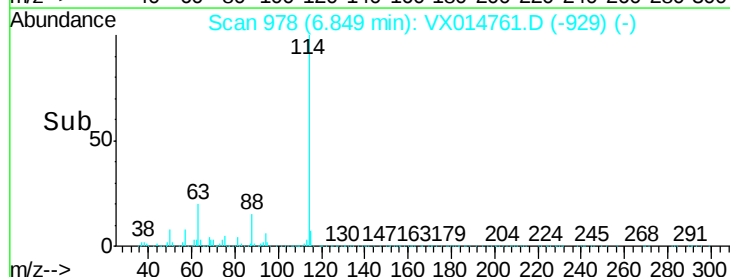
300000

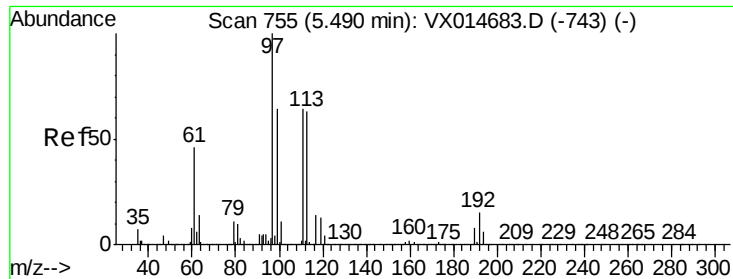
200000

100000

0

Time-->





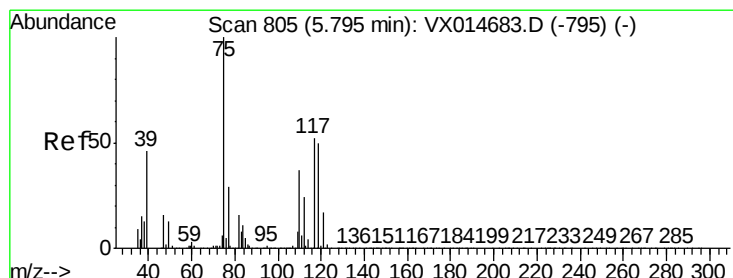
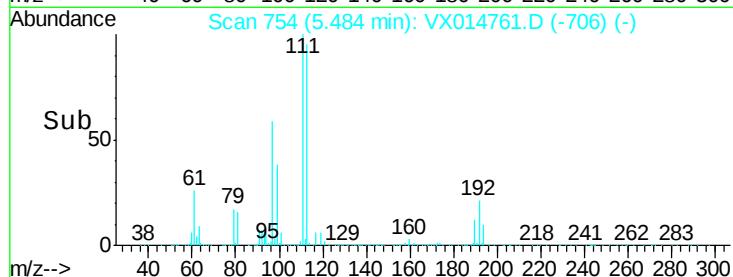
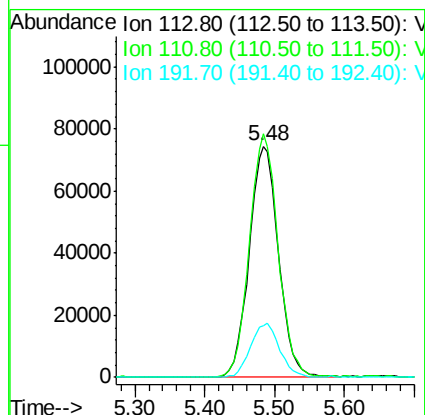
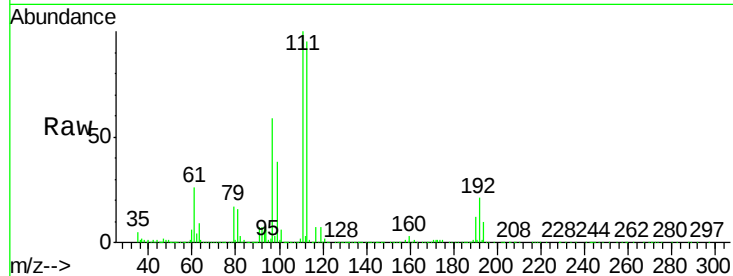
#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	215834		
111	103.4	80.7	121.1	
192	23.4	18.5	27.7	

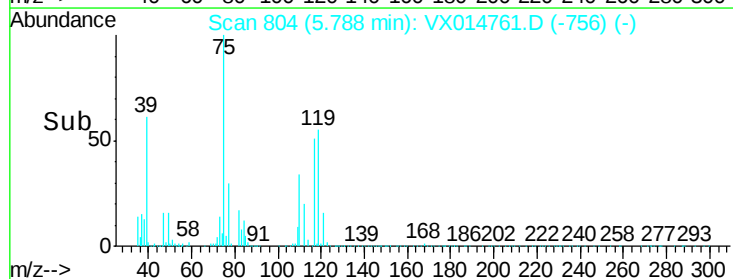
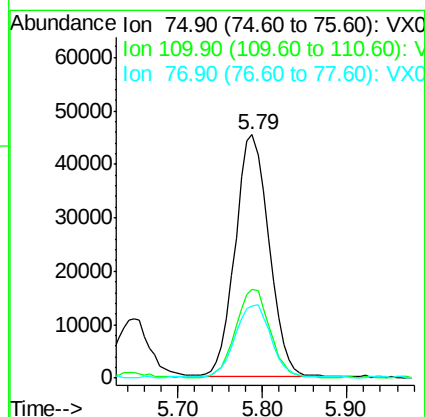
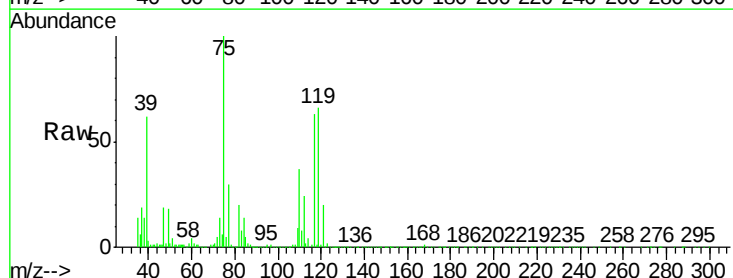
Manual Integrations
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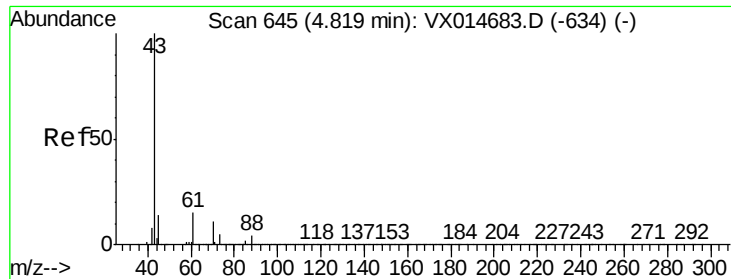
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#36
1,1-Dichloropropene
Concen: 19.699 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123240		
110	37.3	17.9	53.7	
77	31.2	24.1	36.1	





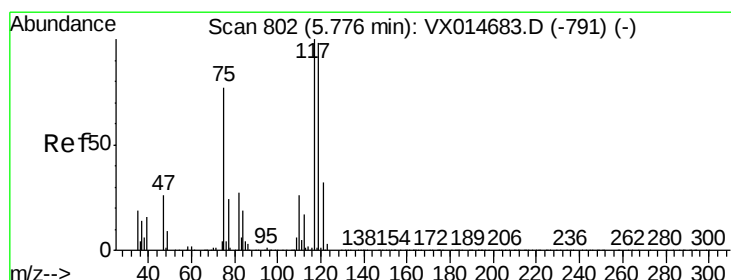
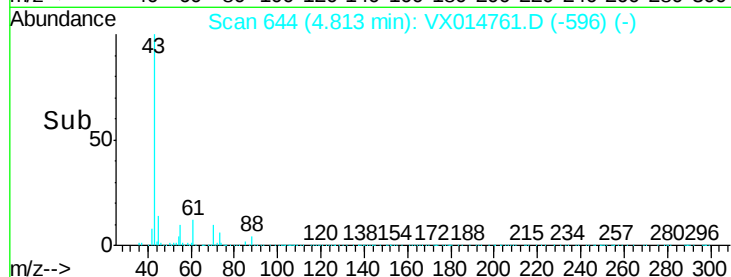
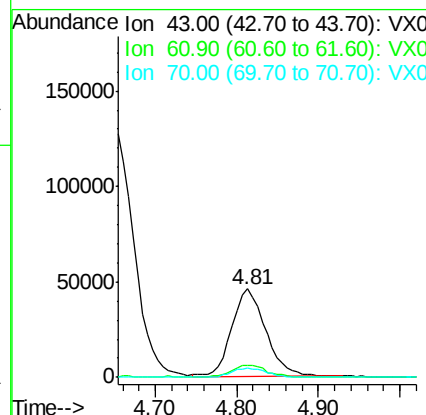
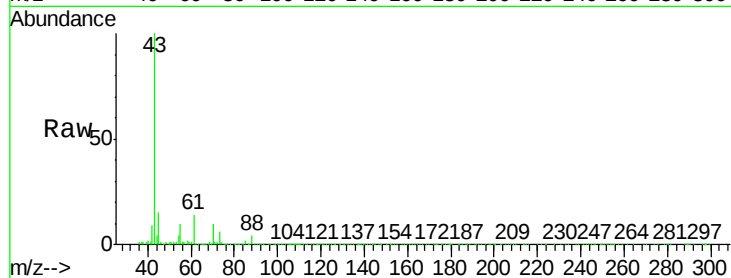
#37
Ethyl Acetate
Concen: 18.513 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.4
70	10.0	8.5	12.7

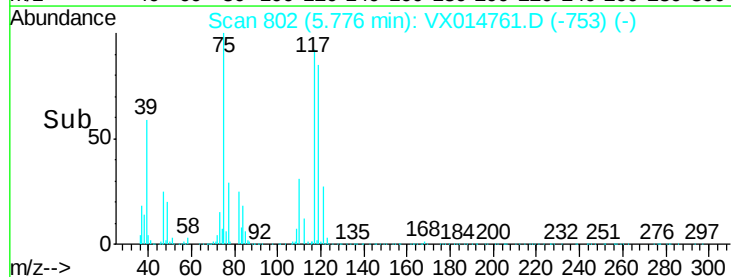
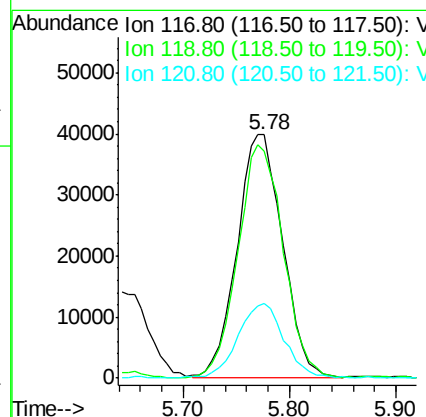
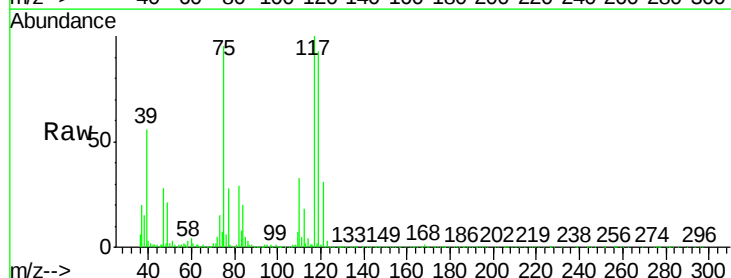
Manual Integrations
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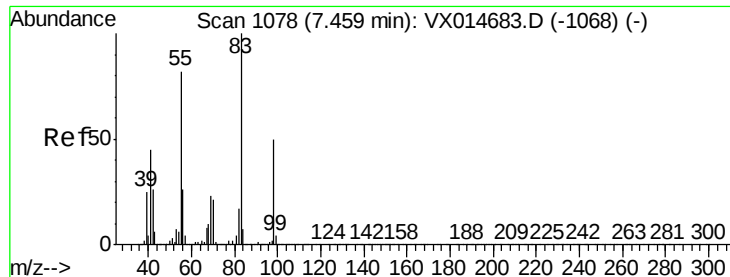
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.949 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.9	116.9
121	30.2	25.4	38.2





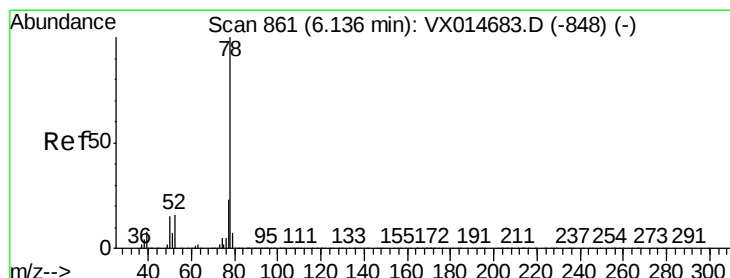
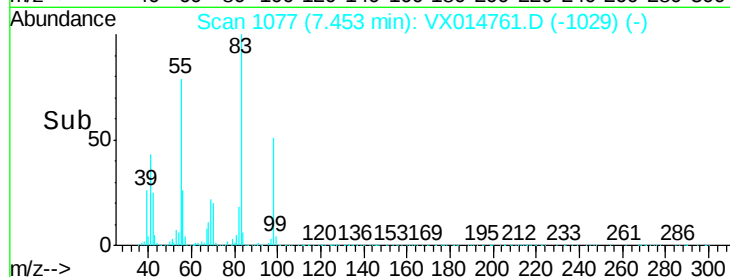
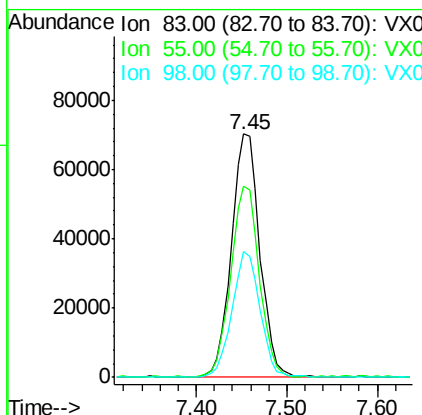
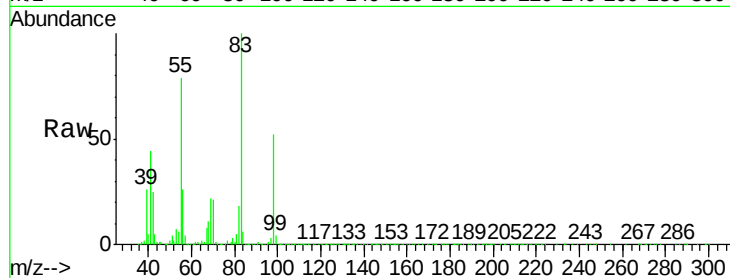
#39
Methvlcvclohexane
Concen: 19.631 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.6	65.6	98.4	
98	51.5	40.2	60.4	

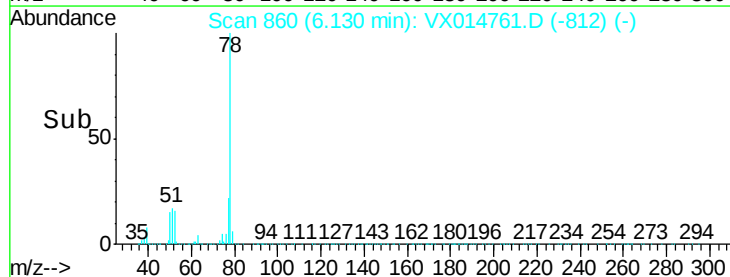
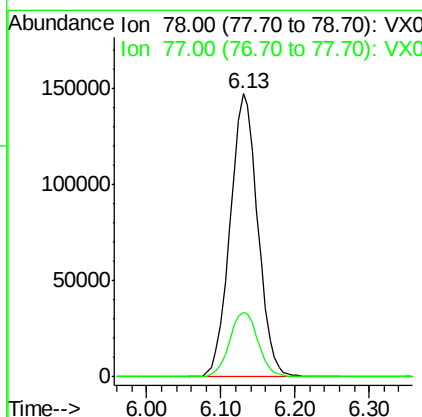
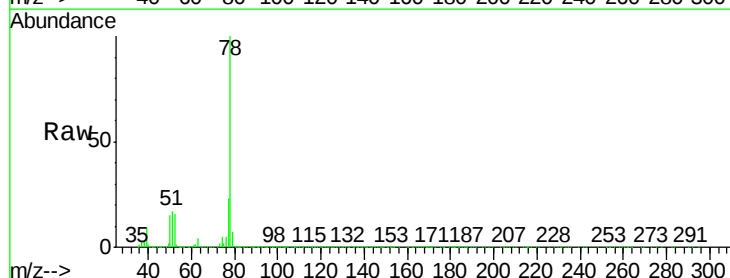
Manual Integrations
APPROVED

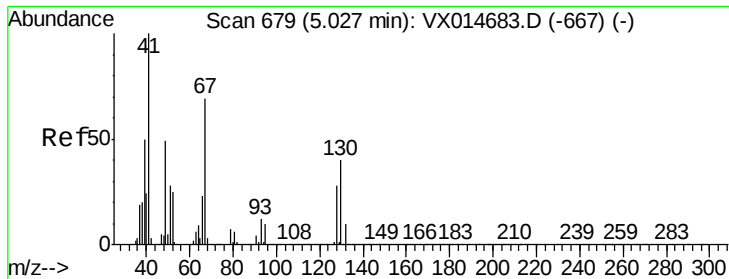
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#40
Benzene
Concen: 19.749 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	18.7	28.1	





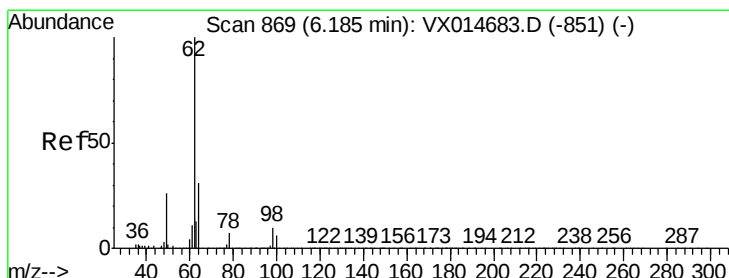
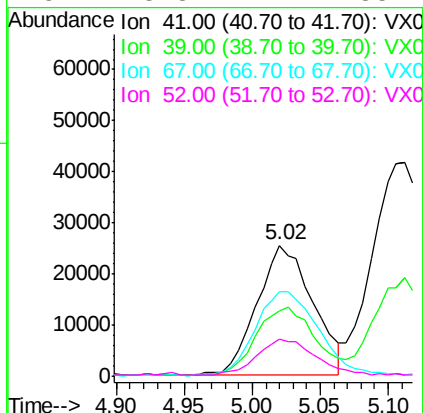
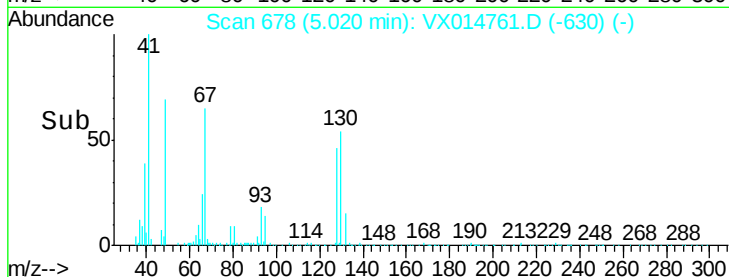
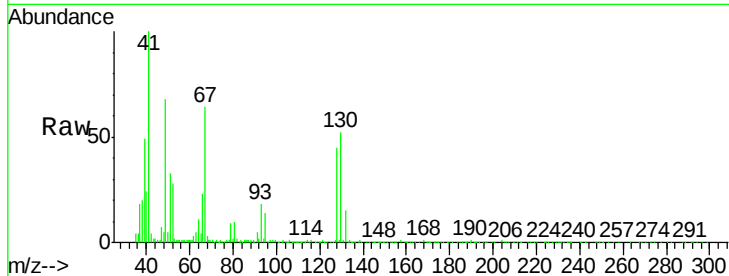
#41
Methacrylonitrile
Concen: 17.591 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	42.2	63.2	
67	76.0	55.4	83.0	
52	28.3	22.1	33.1	

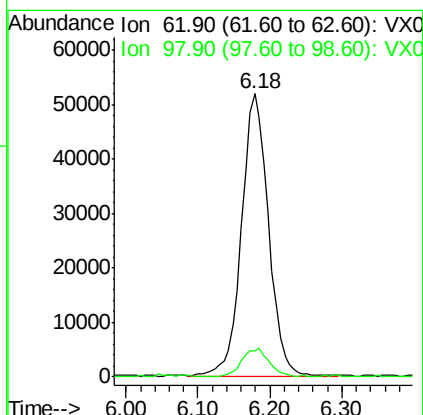
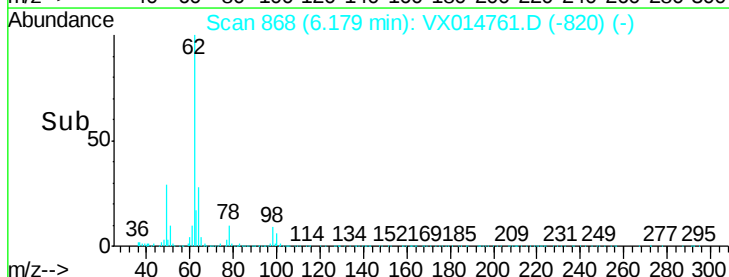
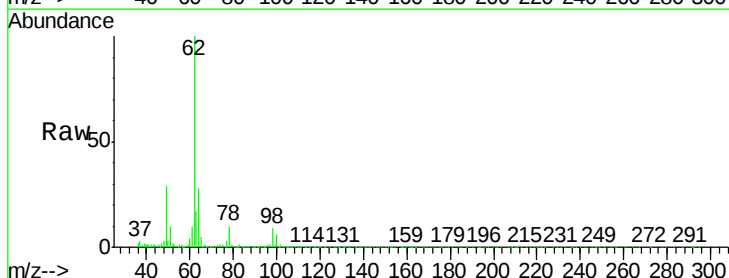
Manual Integrations
APPROVED

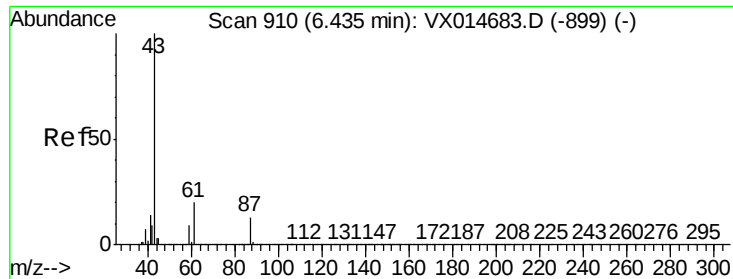
MMDadoda
1/30/2020 10:44:07 AM



#42
1,2-Dichloroethane
Concen: 20.183 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.0	





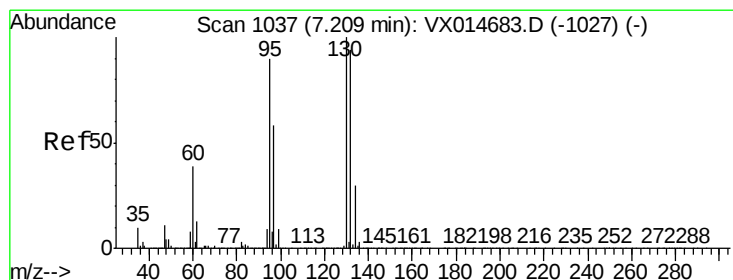
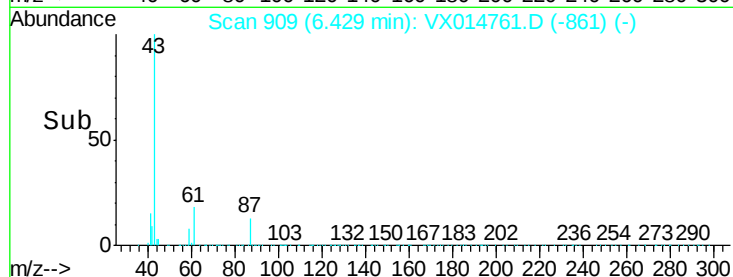
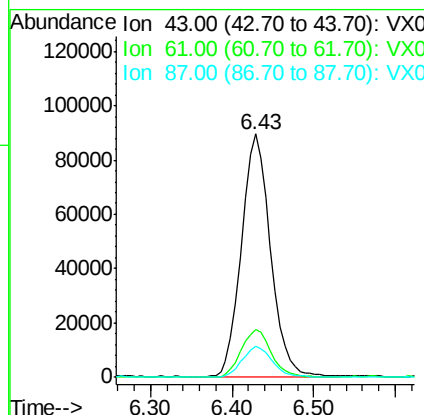
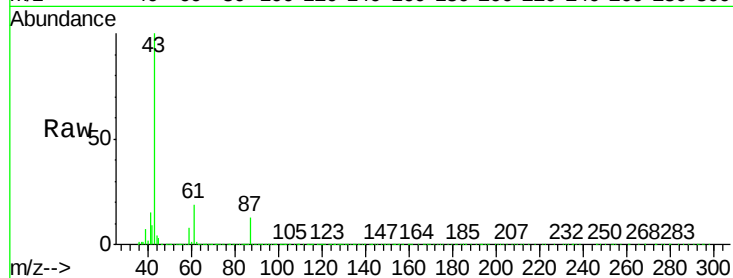
#43
Isopropyl Acetate
Concen: 18.835 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	12.6	10.5	15.7

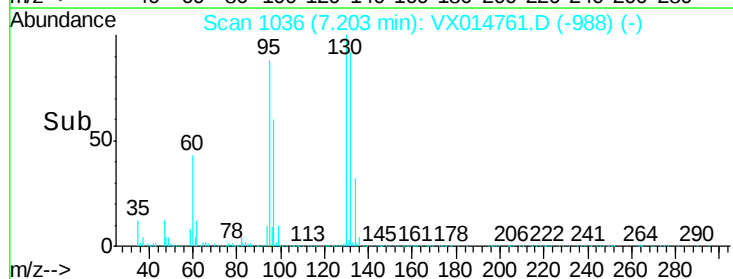
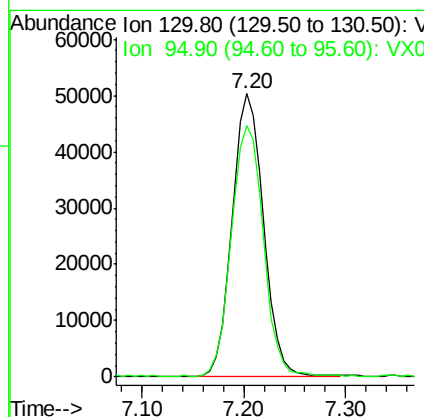
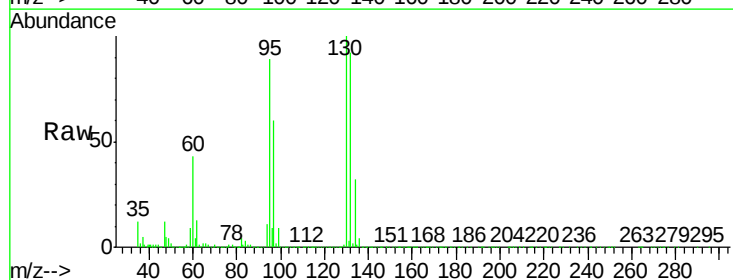
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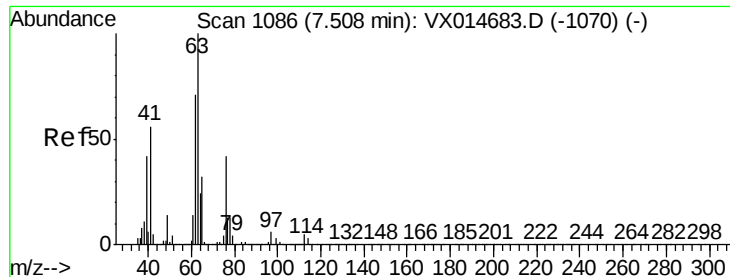
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#44
Trichloroethene
Concen: 19.562 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.591 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 63 Resp: 97560

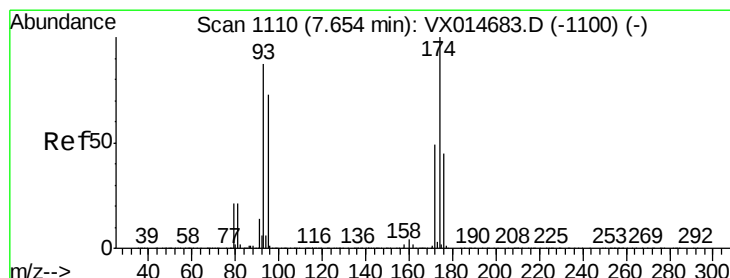
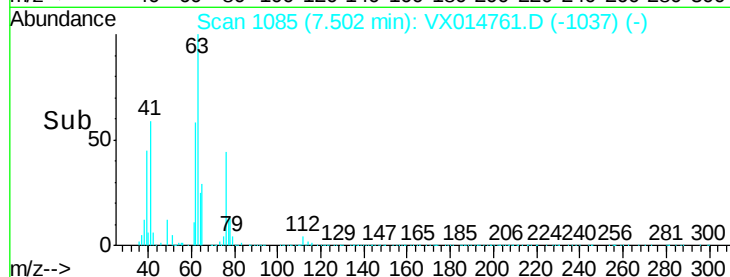
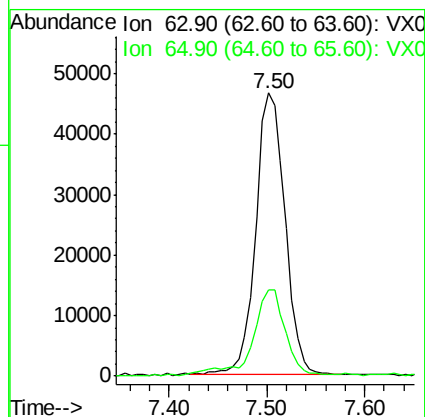
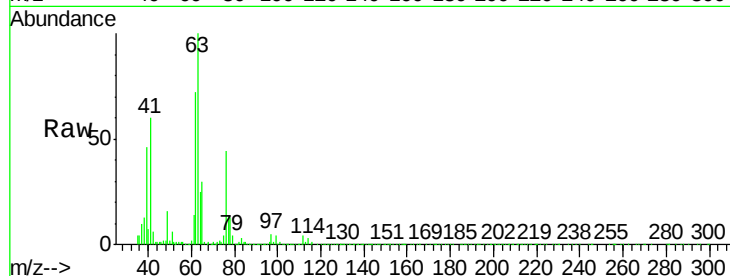
Ion Ratio Lower Upper

63 100

65 29.9 25.2 37.8

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#46

Dibromomethane

Concen: 19.557 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

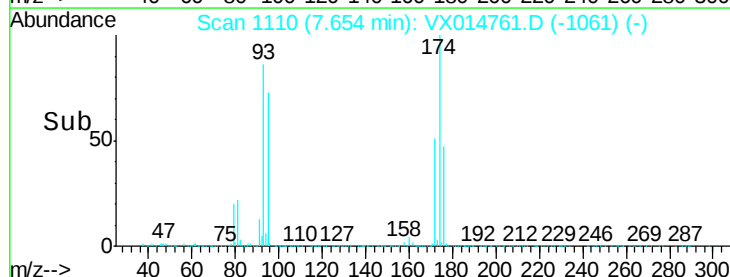
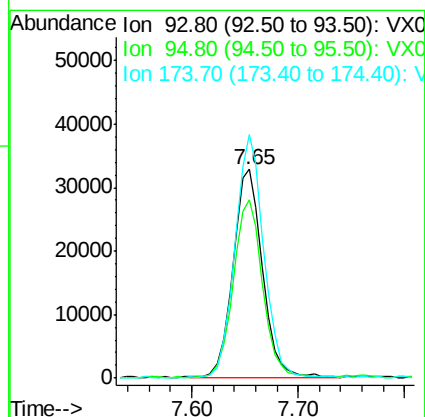
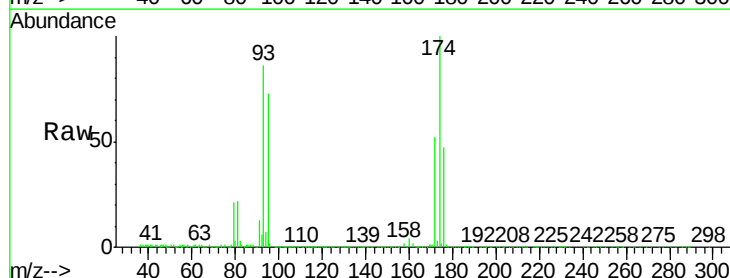
Tgt Ion: 93 Resp: 63078

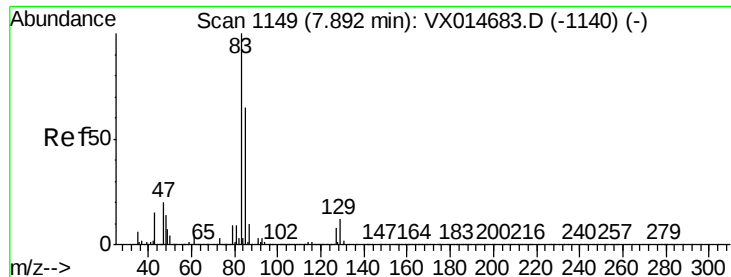
Ion Ratio Lower Upper

93 100

95 85.6 67.0 100.4

174 115.6 90.2 135.2





#47

Bromodichloromethane

Concen: 20.012 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

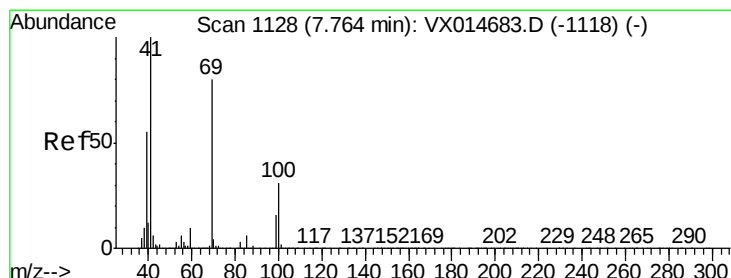
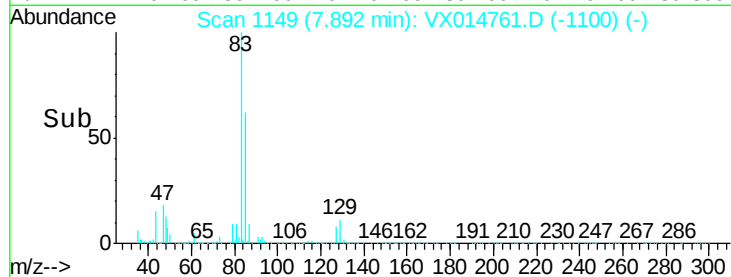
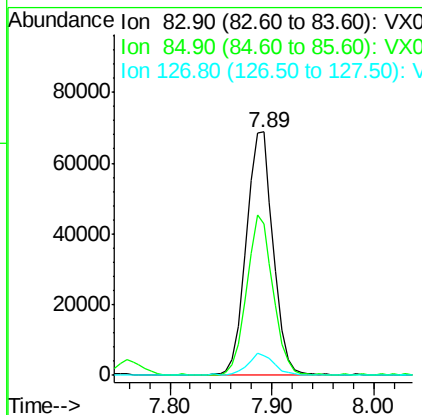
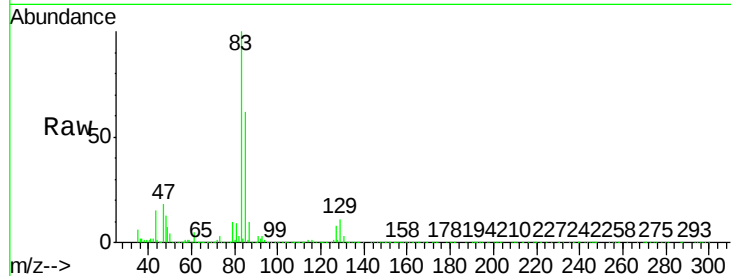
ClientSampleId :

VX0129WBS01

Tot Ion:	83	Resp:	126594
Ion Ratio	Lower	Upper	
83	100		
85	62.3	52.2	78.2
127	8.2	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.255 ug/l

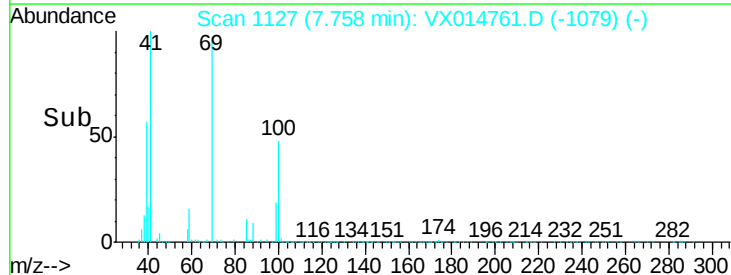
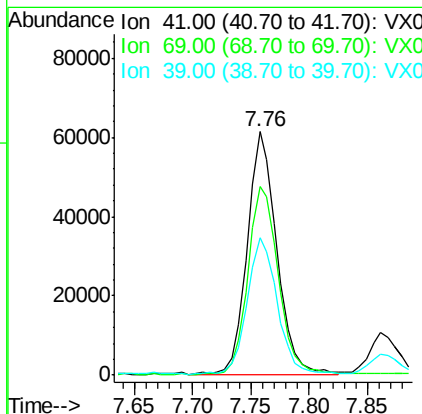
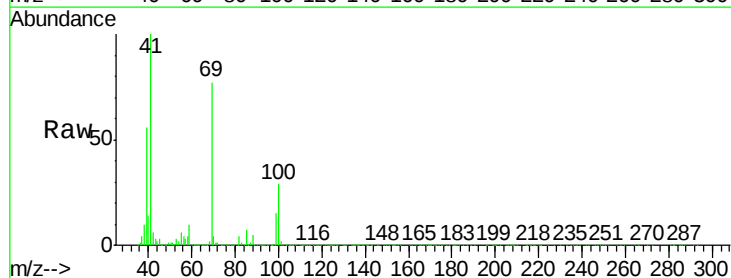
RT: 7.76 min Scan# 1127

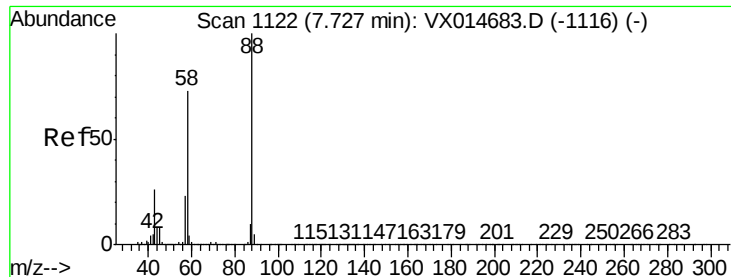
Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	41	Resp:	107949
Ion Ratio	Lower	Upper	
41	100		
69	80.9	63.5	95.3
39	56.9	43.7	65.5





#49

1,4-Dioxane

Concen: 378.497 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

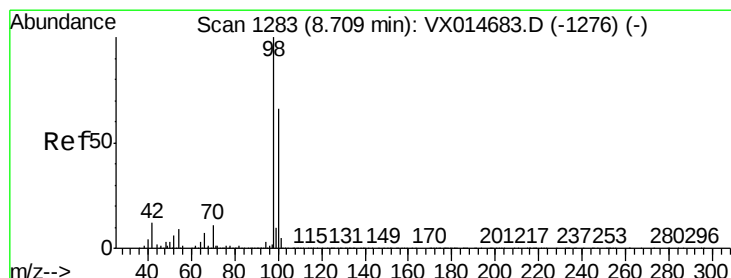
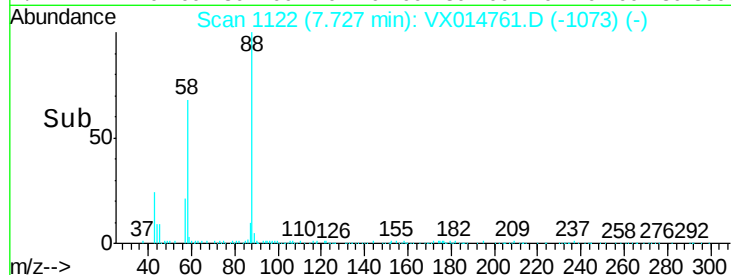
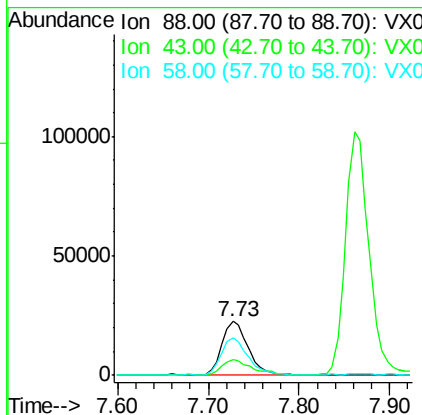
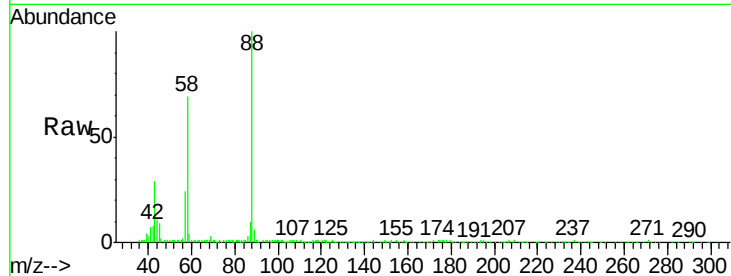
ClientSampleId :

VX0129WBS01

Tot Ion:	88	Resp:	44981
Ion Ratio	Lower	Upper	
88	100		
43	33.2	26.2	39.2
58	69.4	56.6	85.0

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#50

Toluene-d8

Concen: 51.578 ug/l

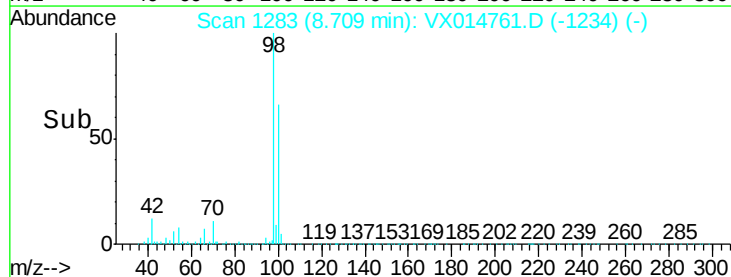
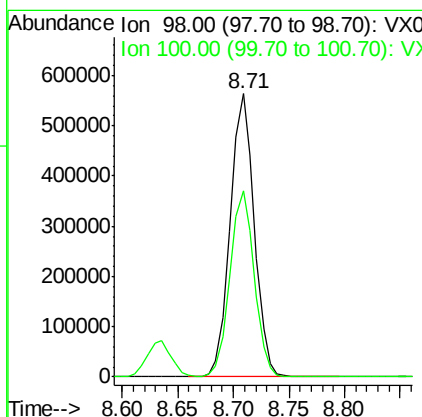
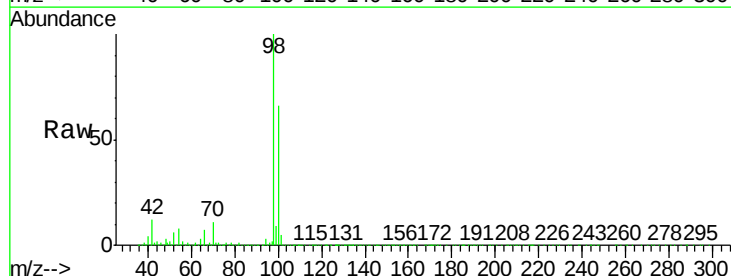
RT: 8.71 min Scan# 1283

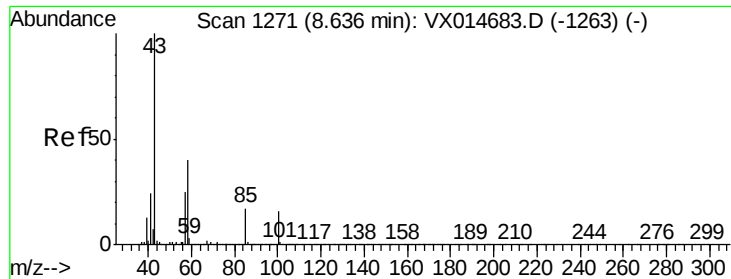
Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	98	Resp:	842411
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 93.370 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 43 Resp: 691476

Ion Ratio Lower Upper

43 100

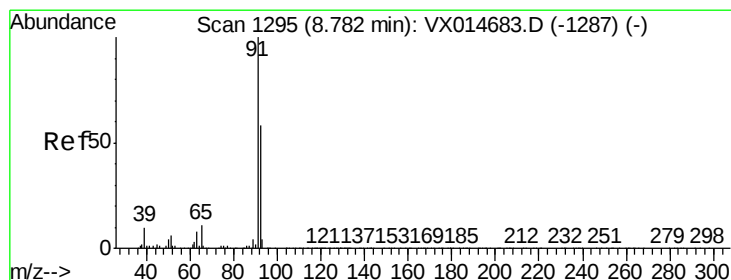
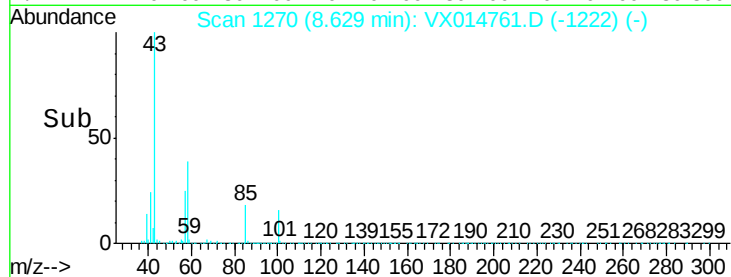
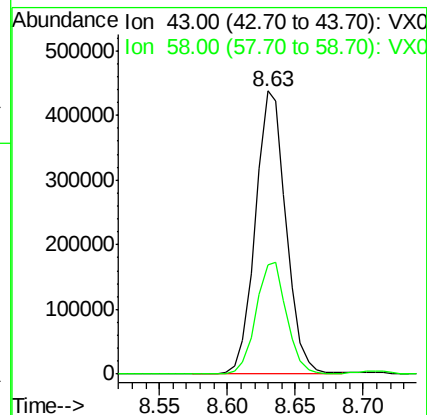
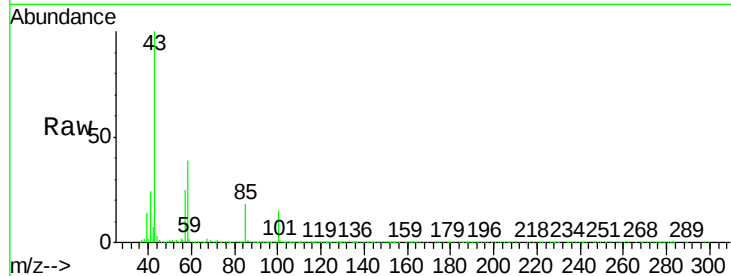
58 39.6 31.6 47.4

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#52

Toluene

Concen: 20.041 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014761.D

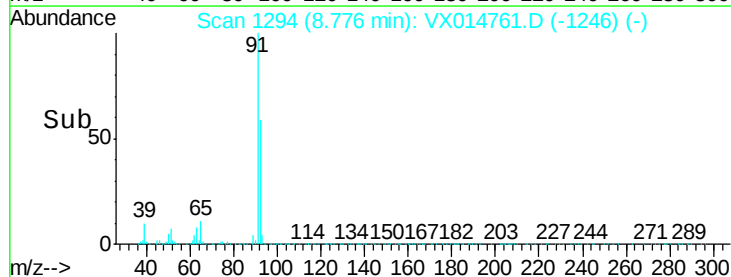
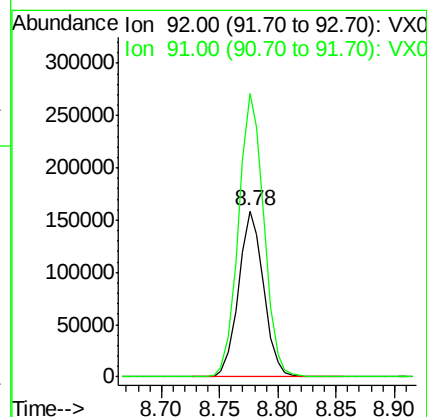
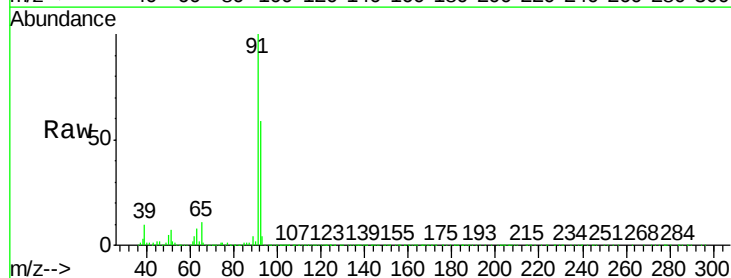
Acq: 29 Jan 2020 11:29

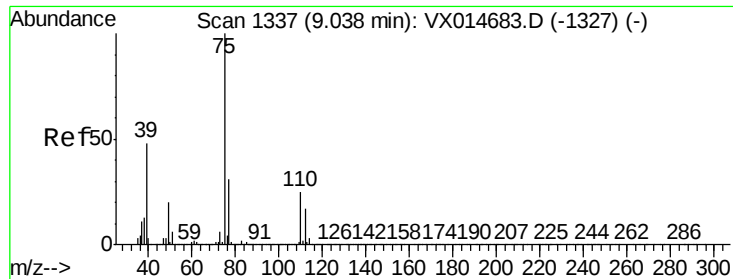
Tgt Ion: 92 Resp: 238136

Ion Ratio Lower Upper

92 100

91 172.9 135.9 203.9





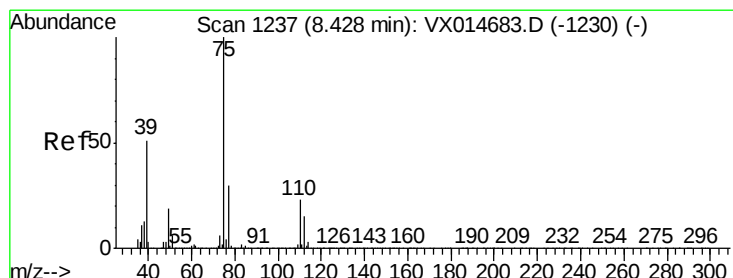
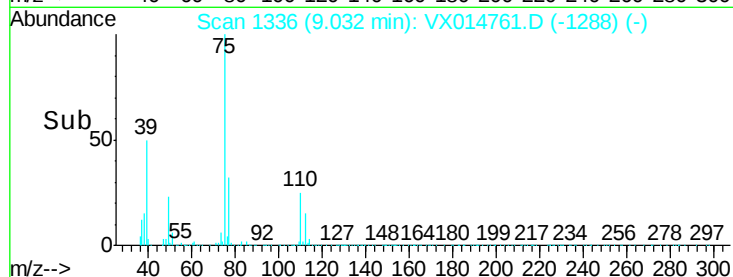
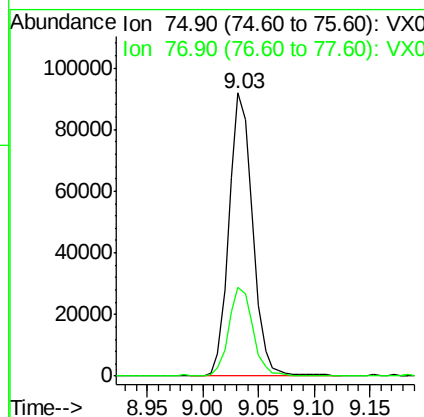
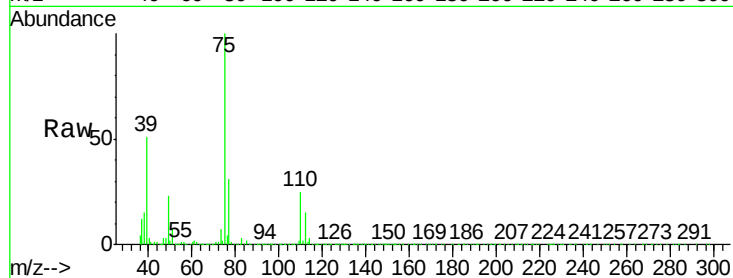
#53
t-1,3-Dichloropropene
Concen: 19.714 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.9	37.3

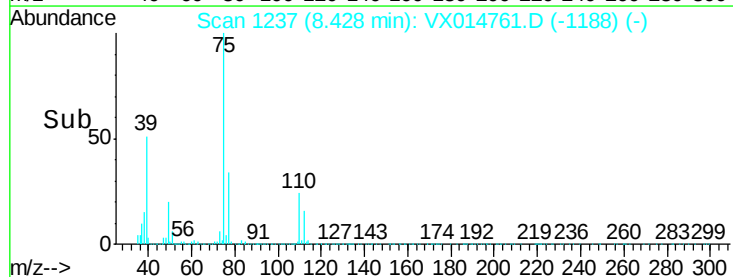
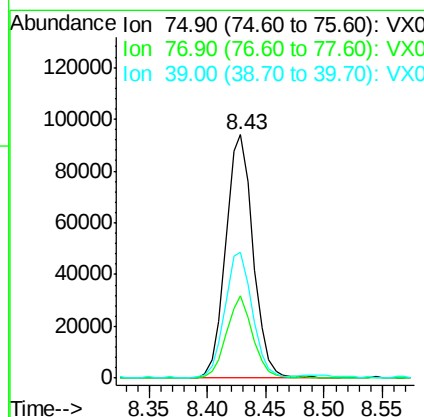
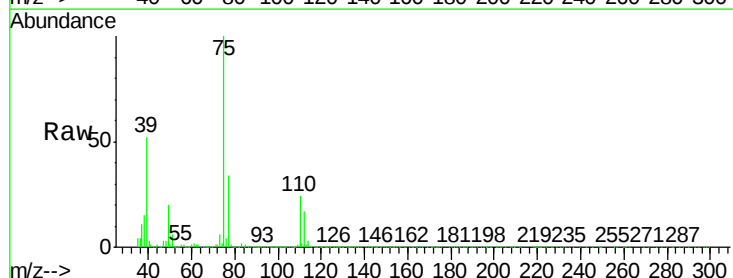
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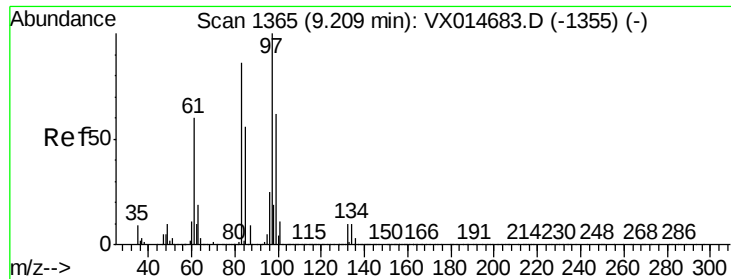
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#54
cis-1,3-Dichloropropene
Concen: 20.456 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	23.9	35.9
39	51.4	40.9	61.3





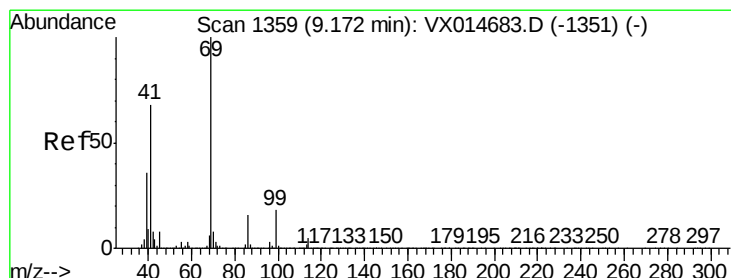
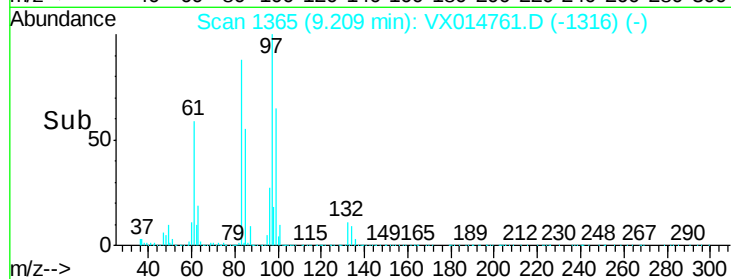
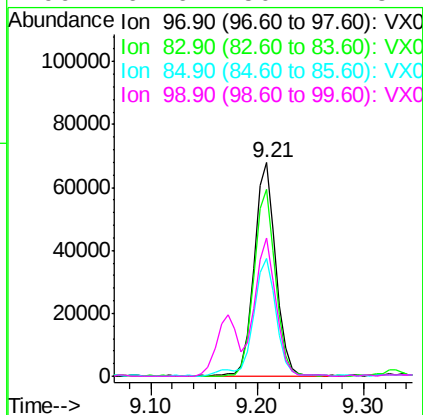
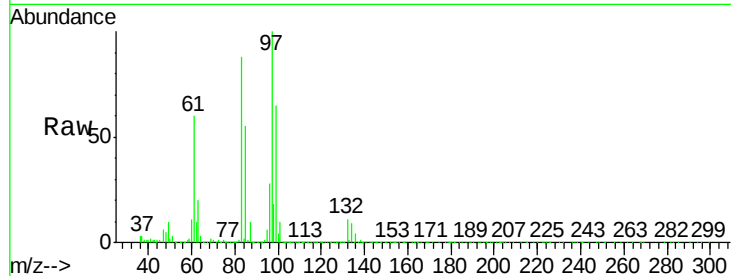
#55
 1,1,2-Trichloroethane
 Concen: 19.945 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX0129WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97032		
83	87.4	69.2	103.8		
85	54.7	44.6	67.0		
99	64.6	50.1	75.1		

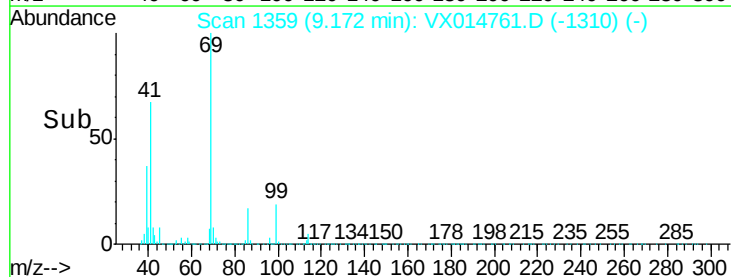
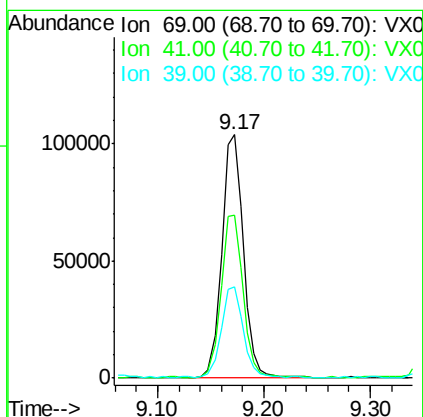
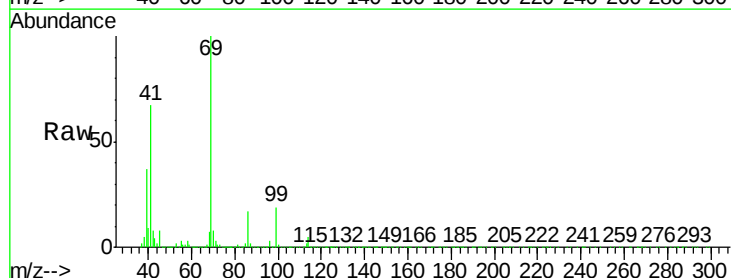
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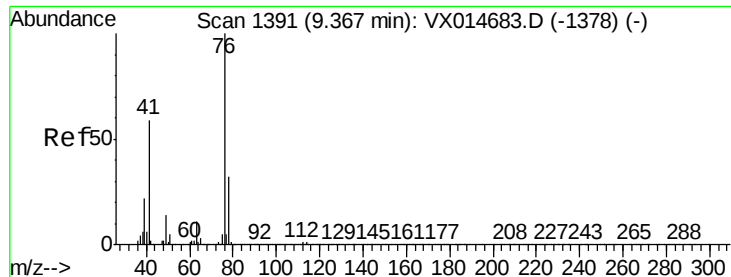
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#56
 Ethyl methacrylate
 Concen: 18.895 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		146346		
41	68.4	54.9	82.3		
39	37.9	29.3	43.9		





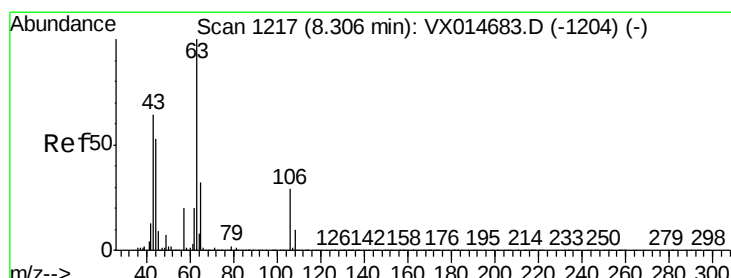
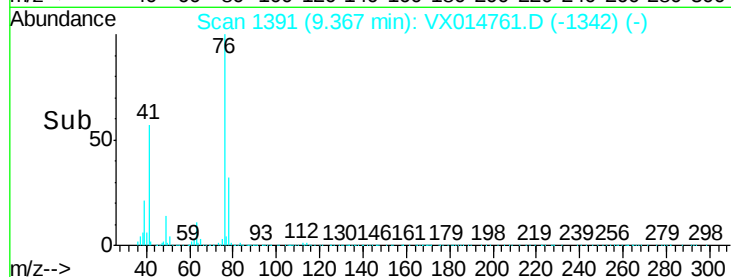
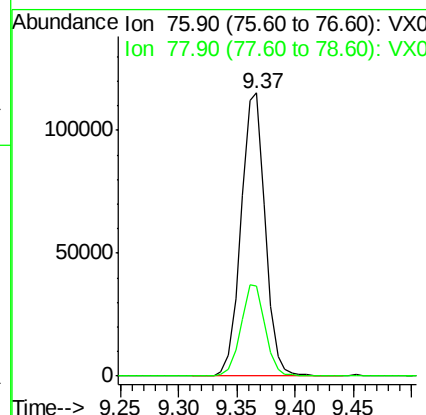
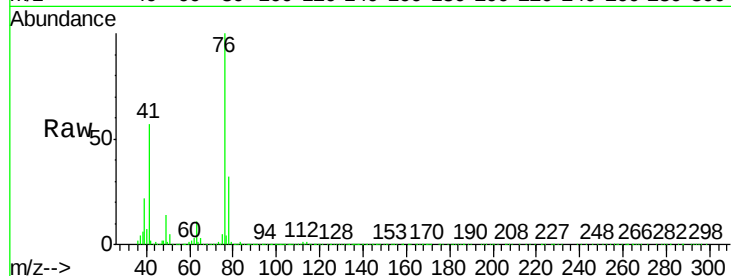
#57
 1,3-Dichloropropane
 Concen: 19.979 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.0	39.0

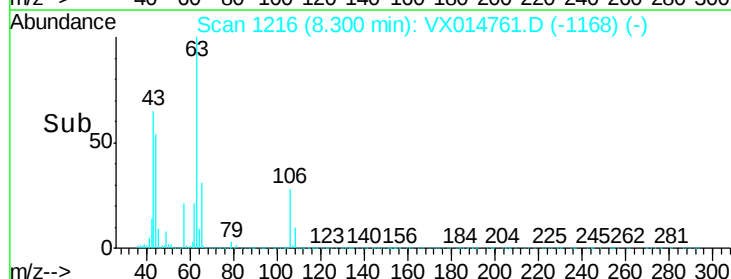
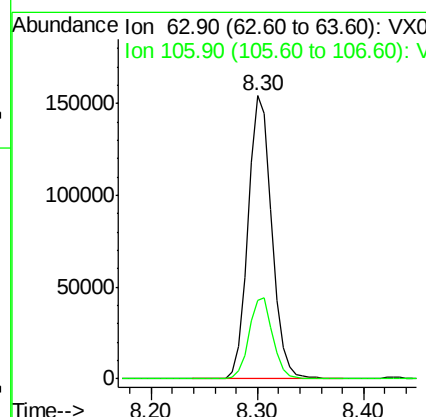
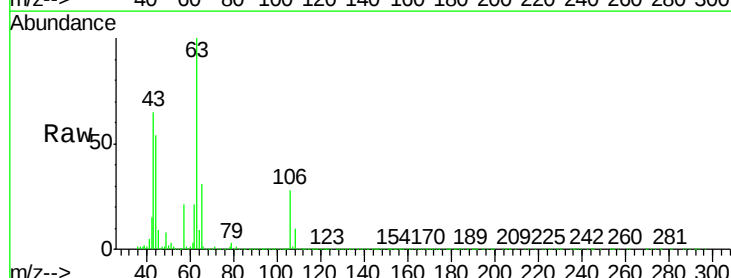
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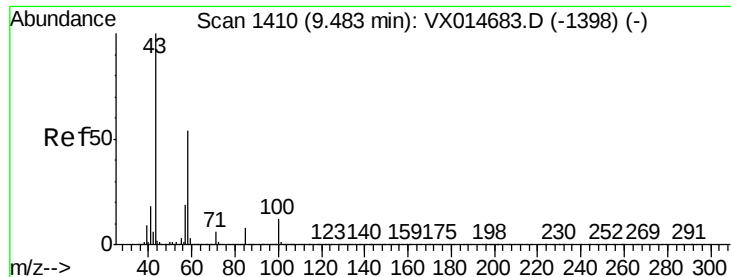
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.902 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.7	34.1





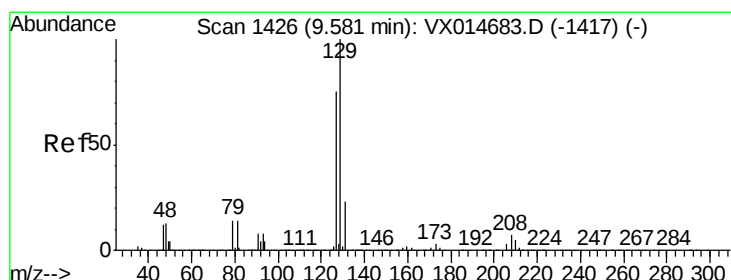
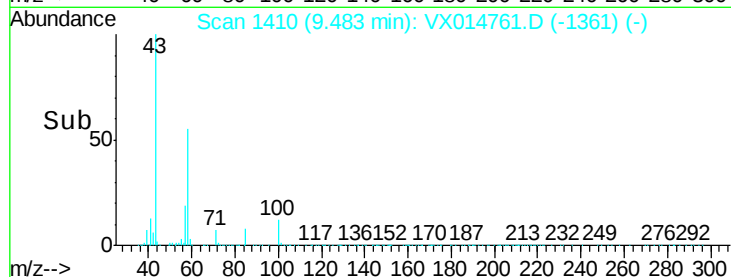
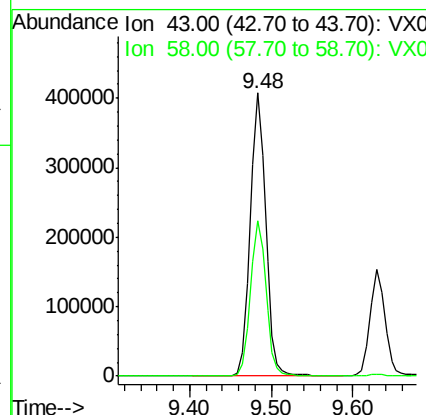
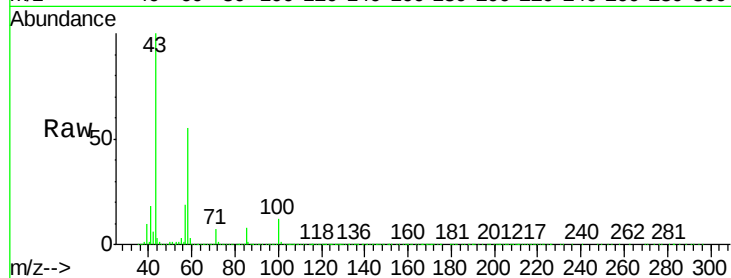
#59
2-Hexanone
Concen: 93.653 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion: 43 Resp: 538200
Ion Ratio Lower Upper
43 100
58 55.2 27.2 81.5

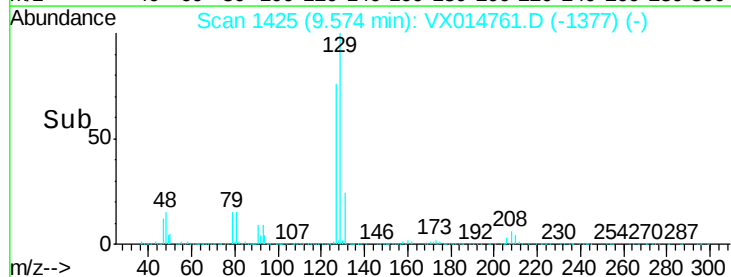
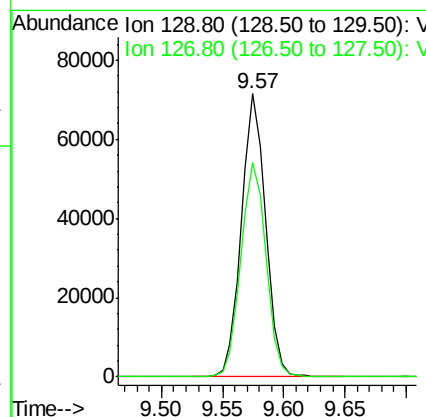
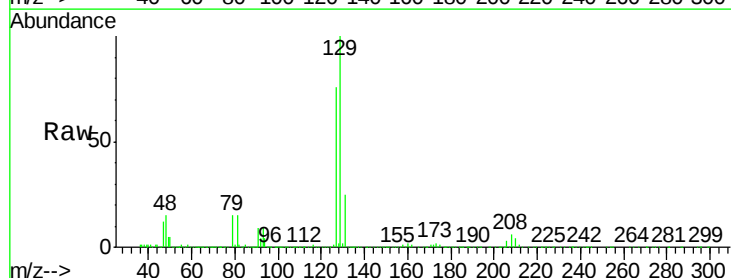
Manual Integrations
APPROVED

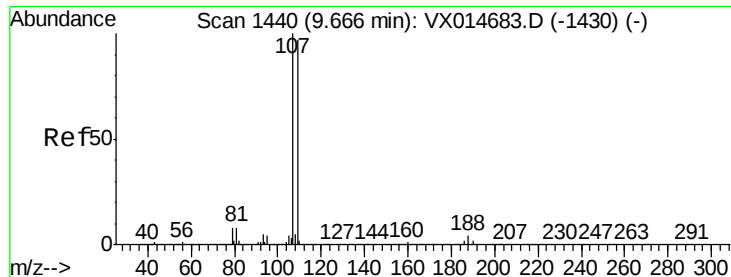
MMDadoda
1/30/2020 10:44:07 AM



#60
Dibromochloromethane
Concen: 19.255 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion: 129 Resp: 97776
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





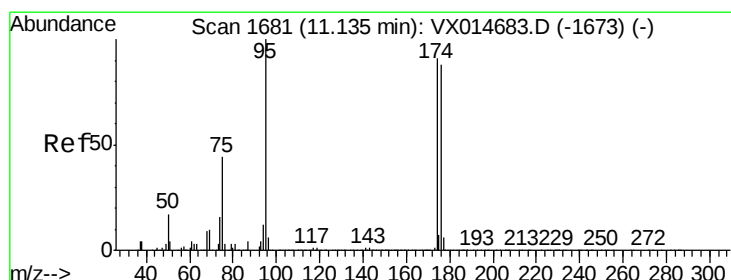
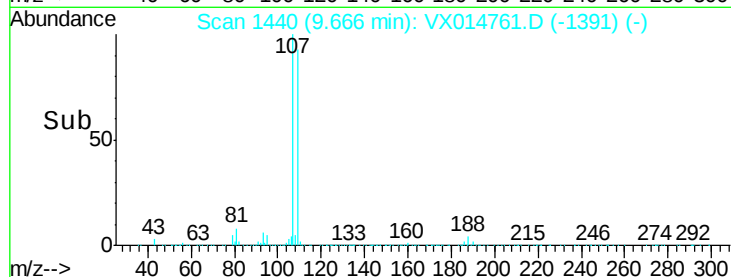
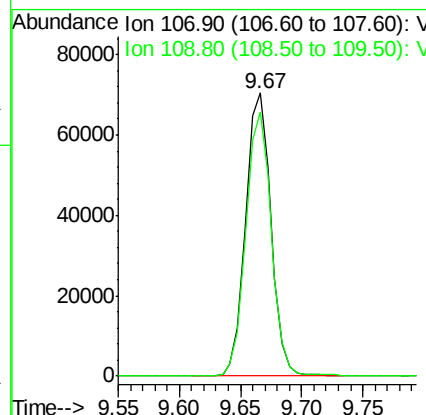
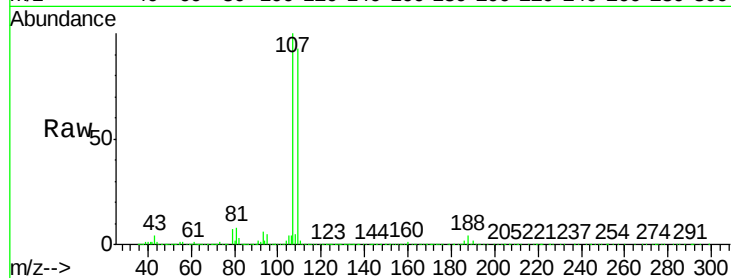
#61
 1,2-Dibromoethane
 Concen: 19.577 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100698		
109	94.9	76.2	114.2	

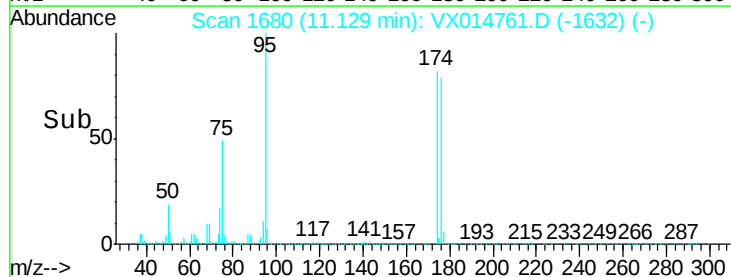
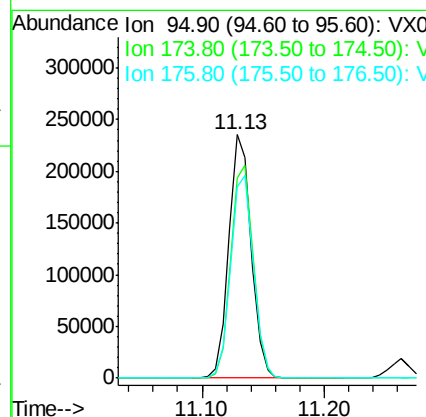
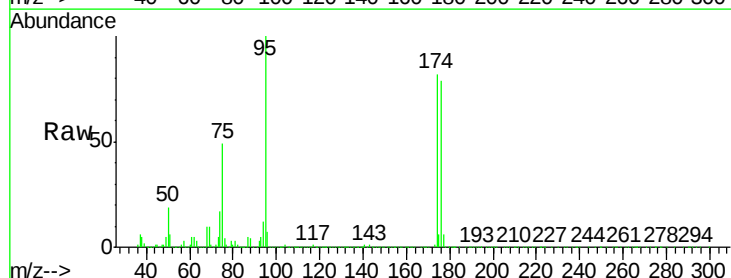
Manual Integrations
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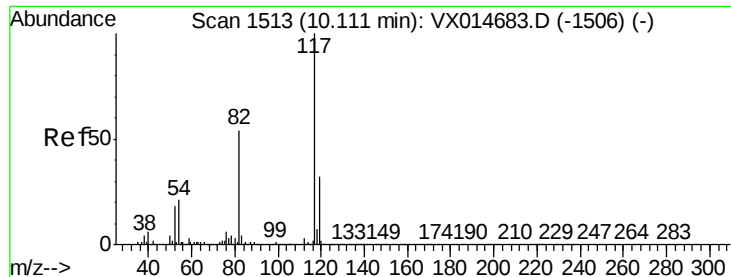
MMDadoda
 1/30/2020 10:44:07 AM



#62
 4-Bromofluorobenzene
 Concen: 50.812 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	295629		
174	88.6	0.0	176.0	
176	85.1	0.0	172.2	





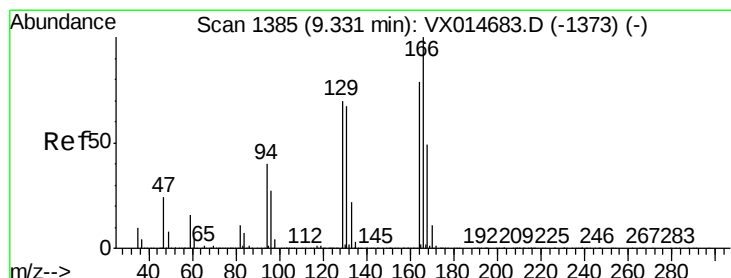
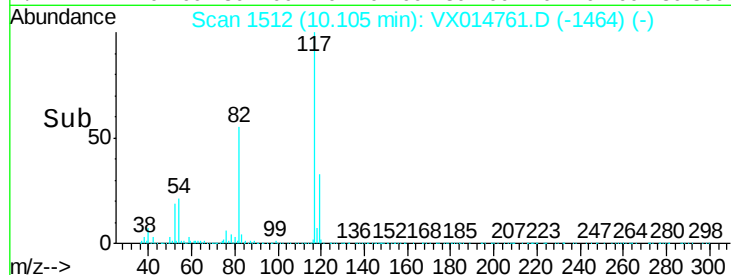
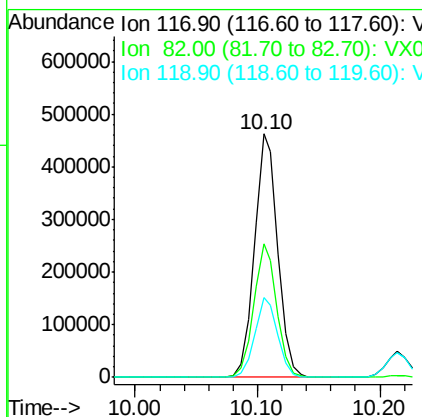
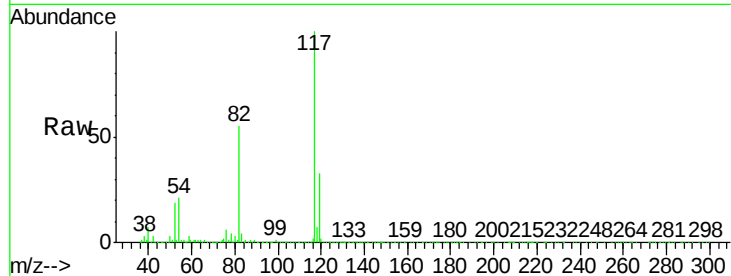
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.2	64.8
119	32.8	25.8	38.6

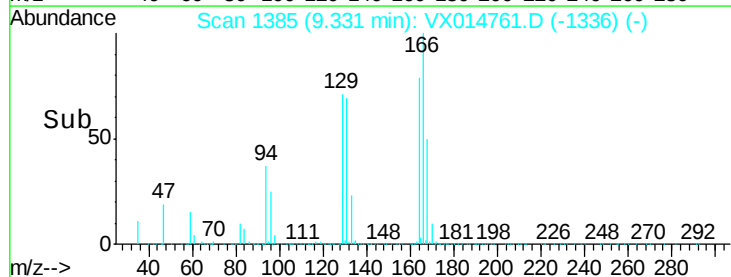
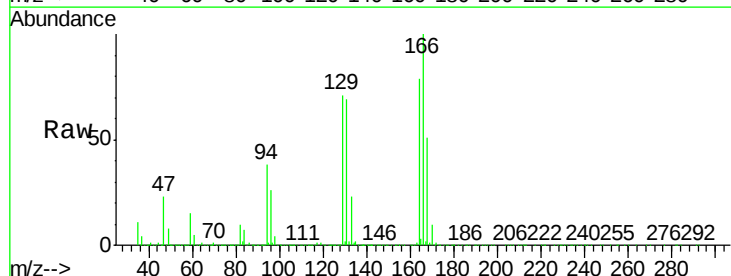
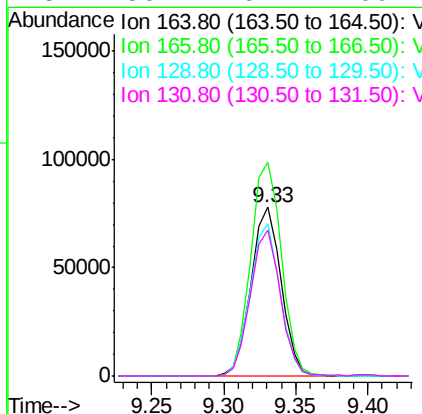
Manual Integrations
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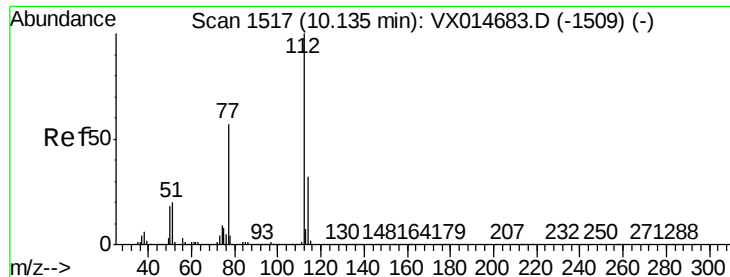
MMDadoda
1/30/2020 10:44:07 AM



#64
Tetrachloroethene
Concen: 18.602 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.9	151.3
129	89.9	71.0	106.6
131	86.7	67.1	100.7





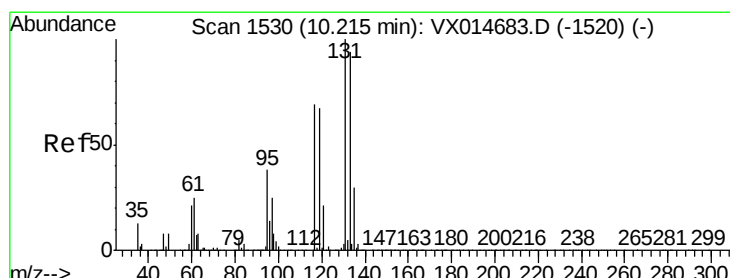
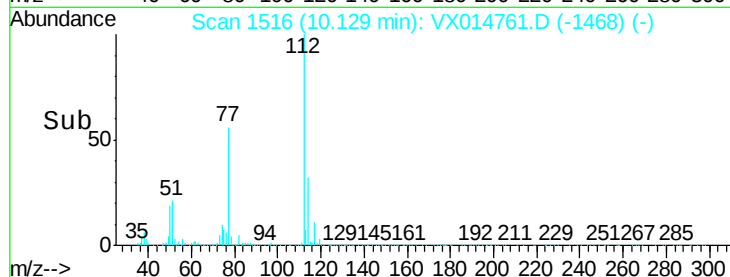
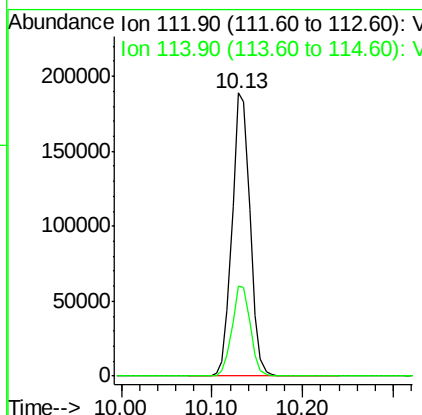
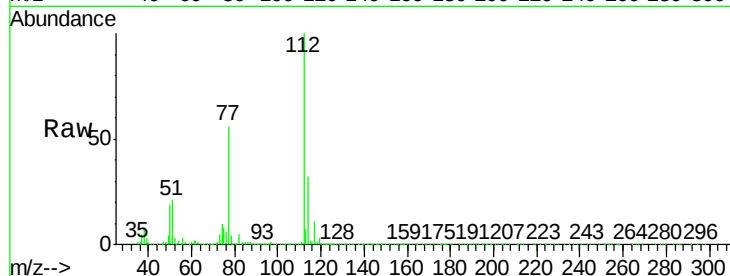
#65
Chlorobenzene
Concen: 19.912 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

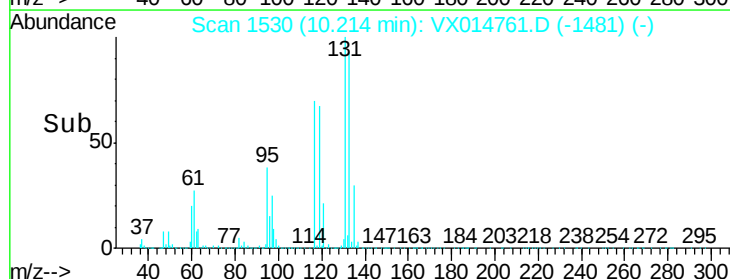
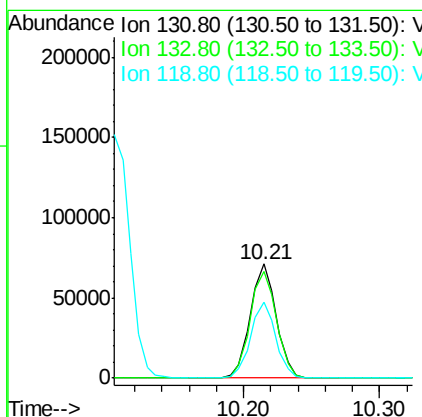
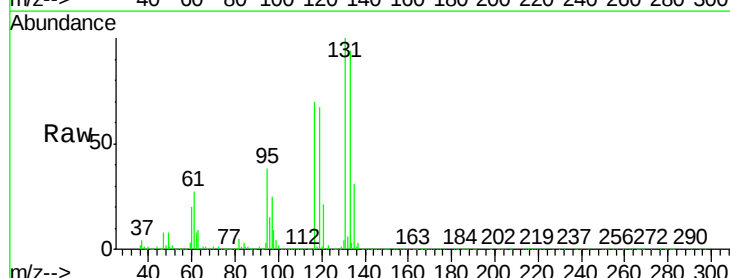
Manual Integrations
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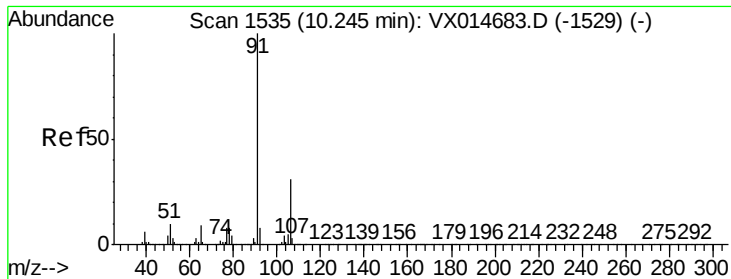
MMDadoda
1/30/2020 10:44:07 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.680 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.4	142.3
119	65.2	33.3	99.8





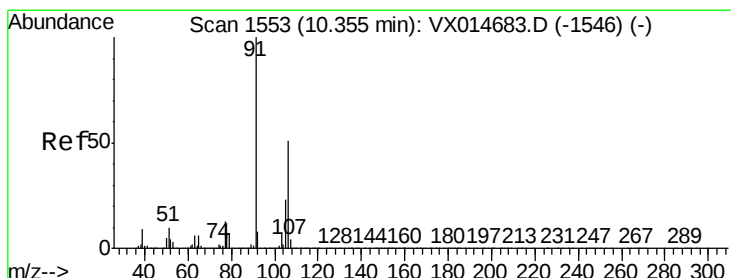
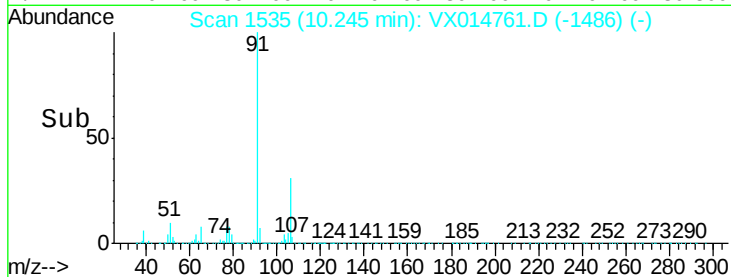
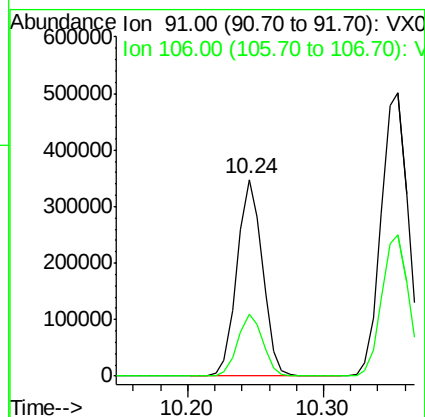
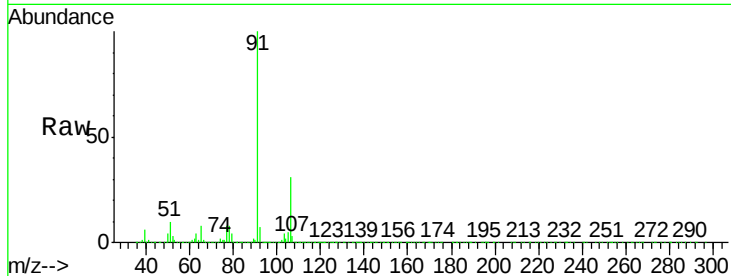
#67
Ethyl Benzene
Concen: 20.346 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion: 91 Resp: 454722
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

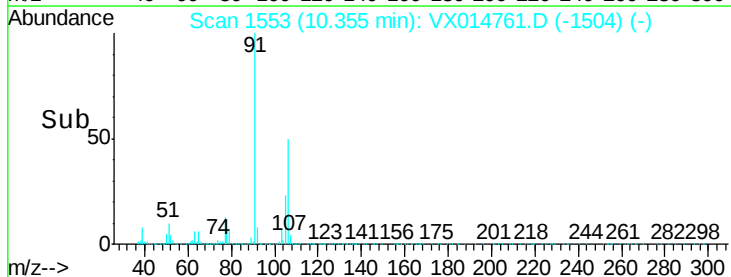
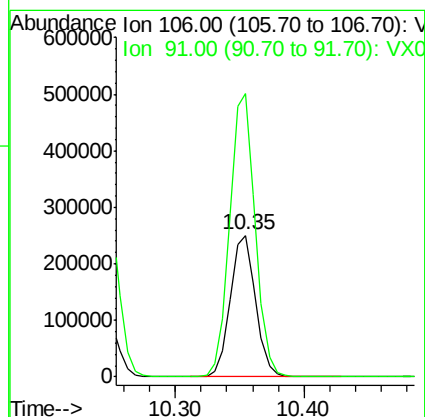
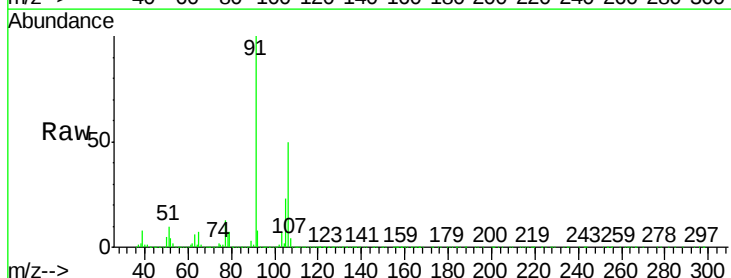
Manual Integrations
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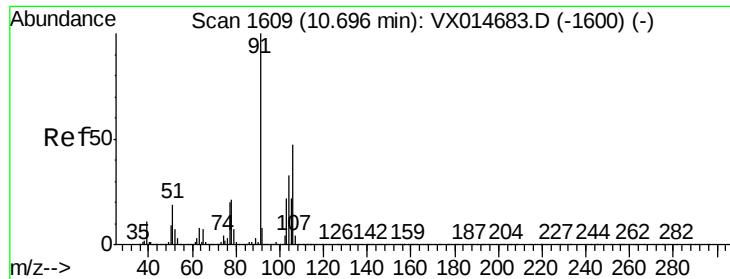
MMDadoda
1/30/2020 10:44:07 AM



#68
m/p-Xylenes
Concen: 40.674 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion: 106 Resp: 344381
Ion Ratio Lower Upper
106 100
91 201.5 159.4 239.2





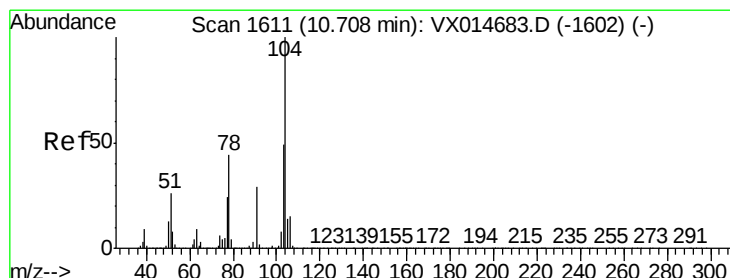
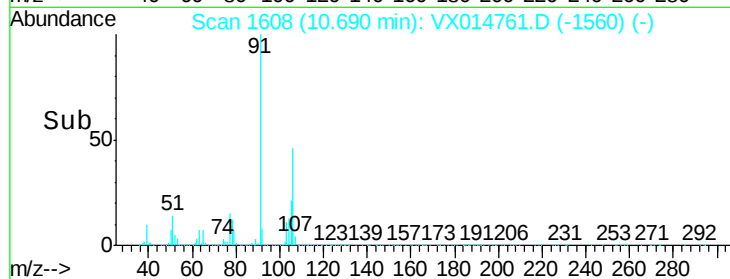
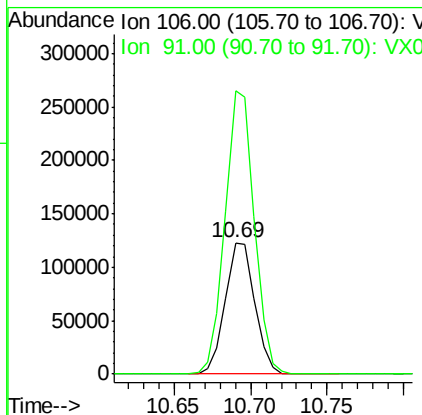
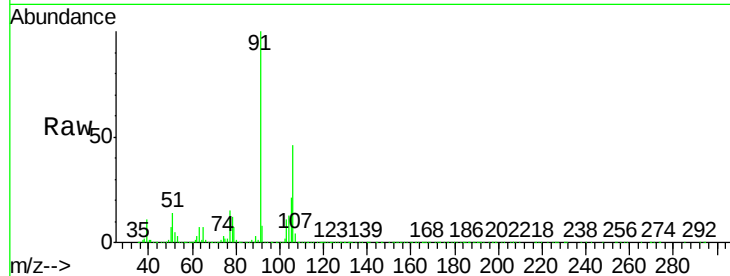
#69
o-Xylene
Concen: 20.138 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.0	106.2	318.6

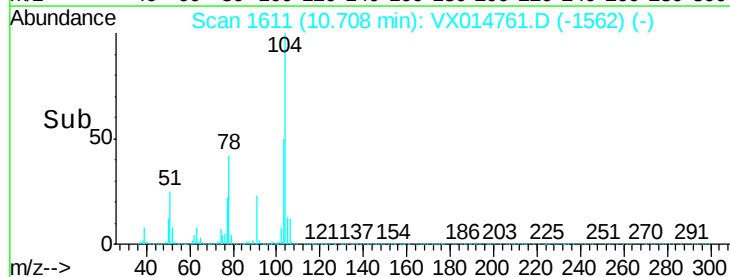
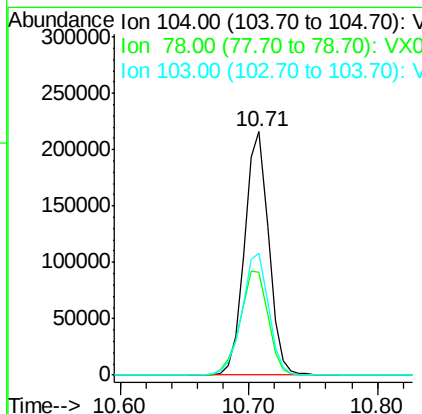
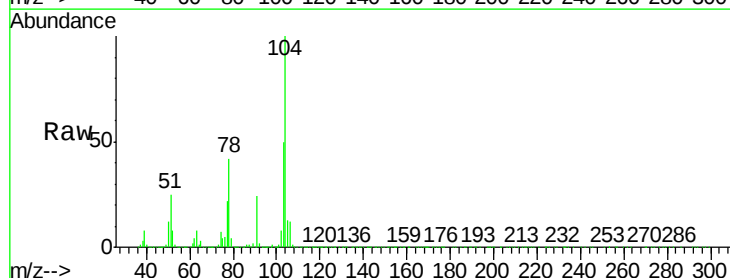
Manual Integrations
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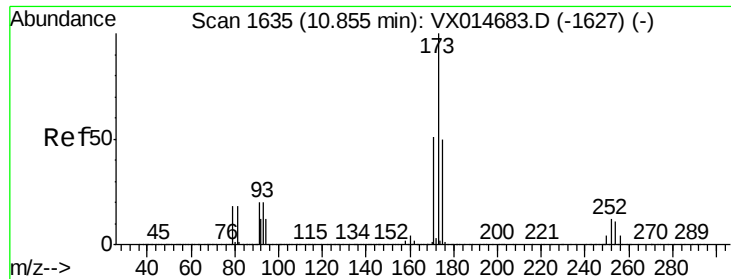
MMDadoda
1/30/2020 10:44:07 AM



#70
Styrene
Concen: 20.316 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.3	58.9
103	55.4	43.5	65.3





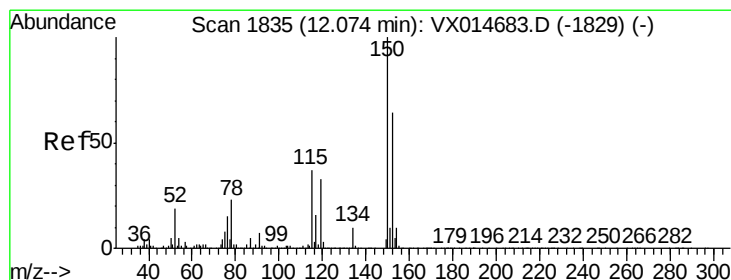
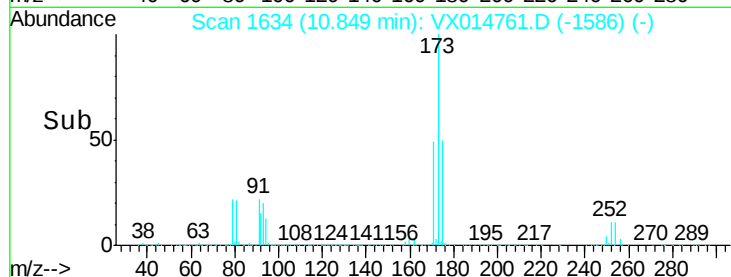
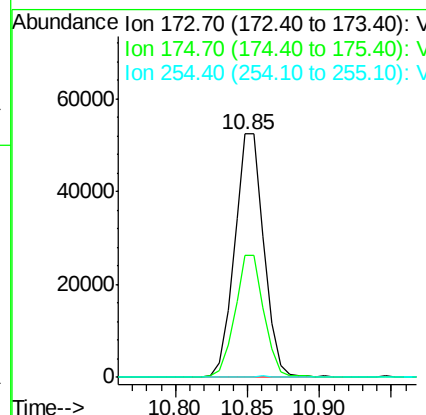
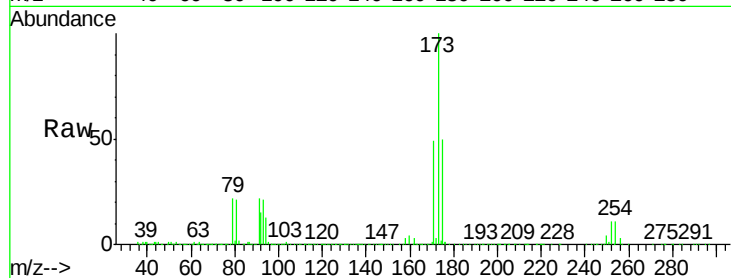
#71
Bromoform
Concen: 19.355 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.2	0.1	0.1#

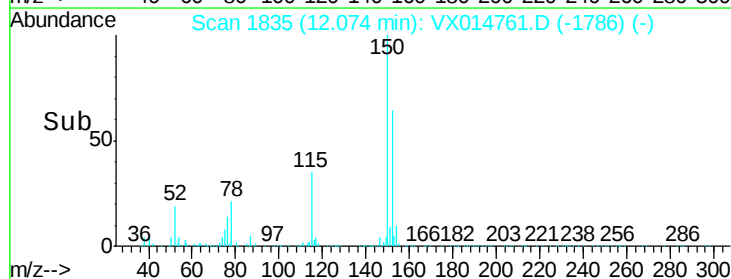
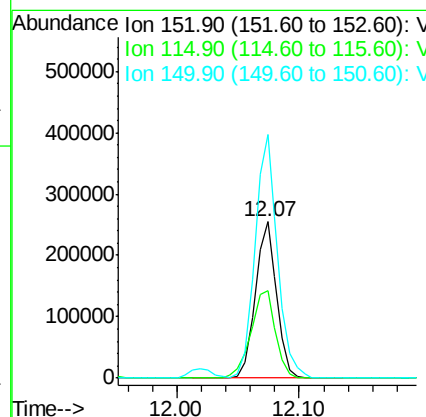
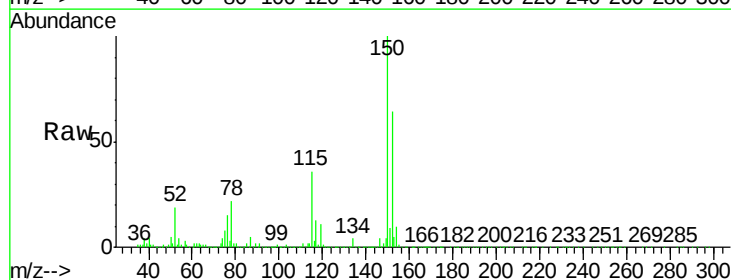
Manual Integrations
APPROVED

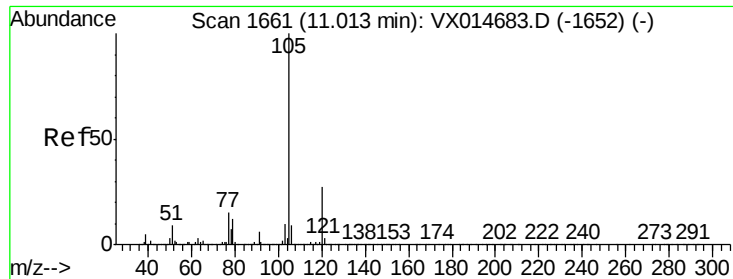
MMDadoda
1/30/2020 10:44:07 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	39.4	118.1
150	163.8	0.0	351.2





#73

Isopropylbenzene

Concen: 20.577 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion: 105 Resp: 446581

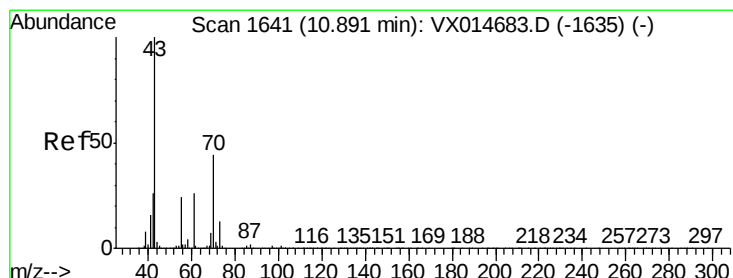
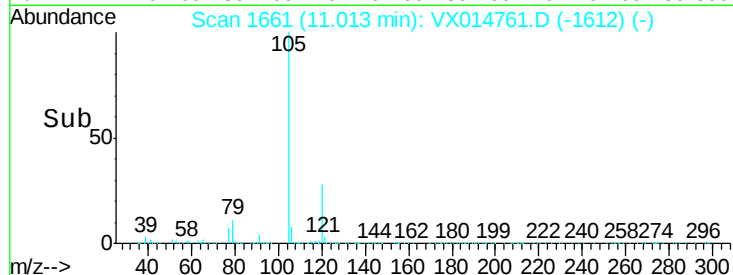
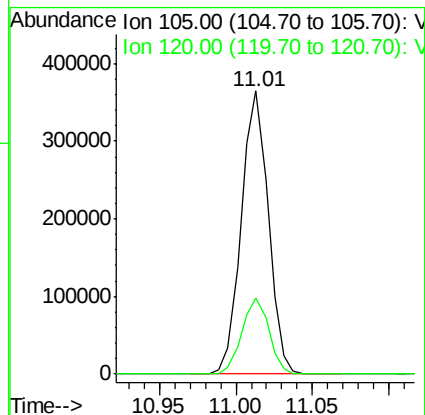
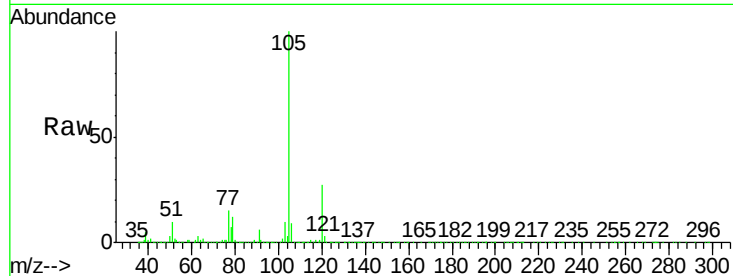
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
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#74

N-ethyl acetate

Concen: 19.485 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion: 43 Resp: 185312

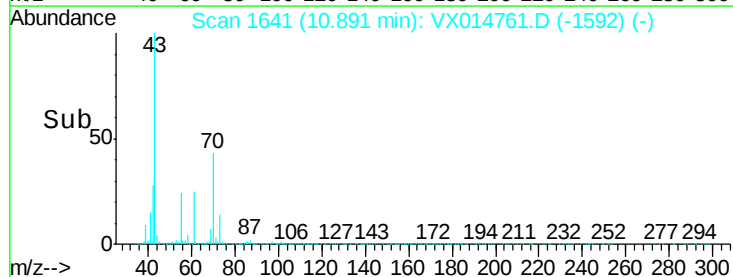
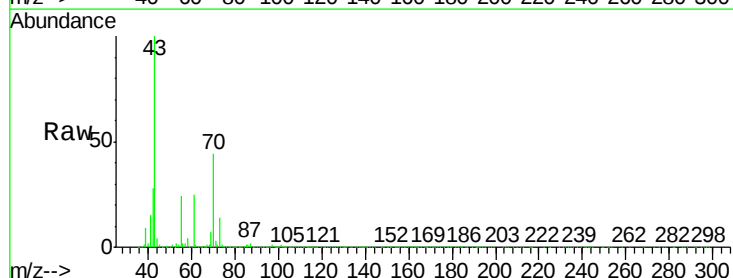
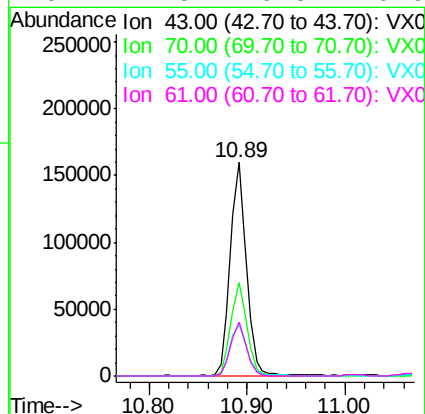
Ion Ratio Lower Upper

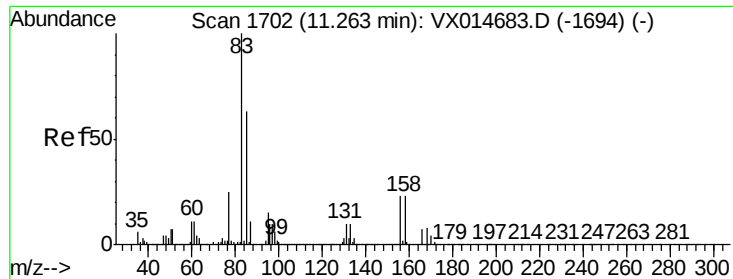
43 100

70 43.2 34.6 52.0

55 25.2 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.471 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

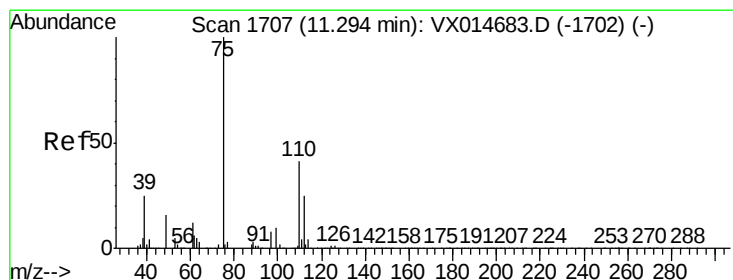
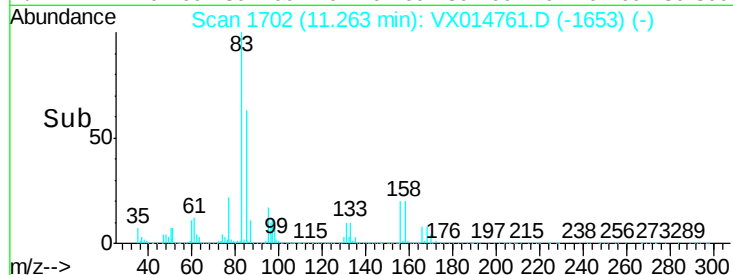
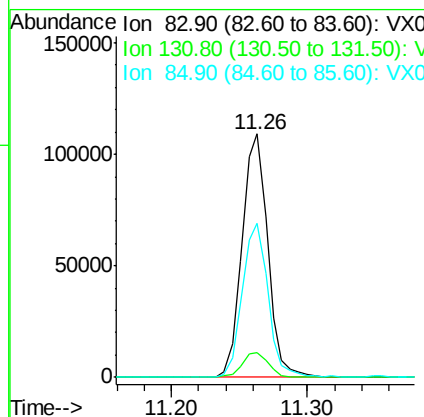
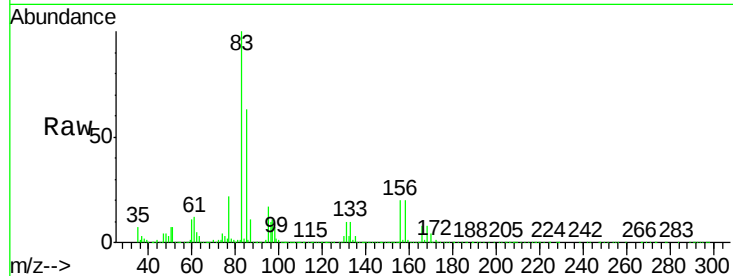
ClientSampleId :

VX0129WBS01

Tot Ion:	83	Resp:	143129
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	63.5	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 16.946 ug/l m

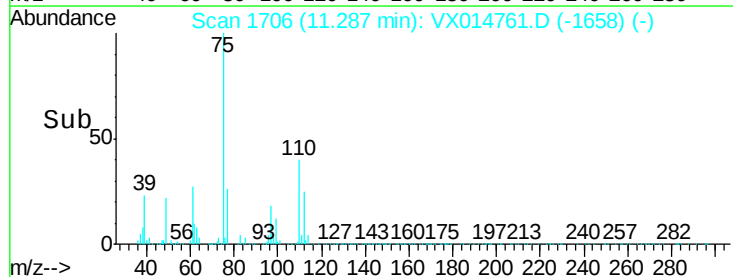
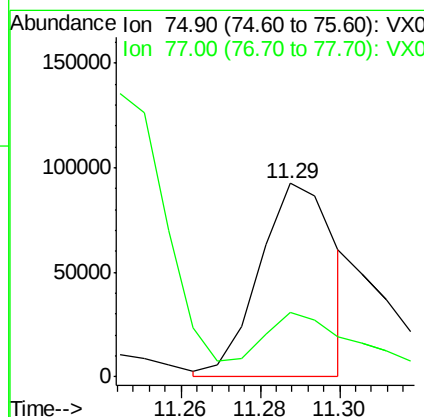
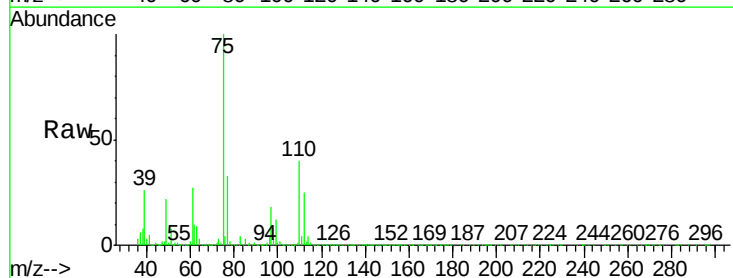
RT: 11.29 min Scan# 1706

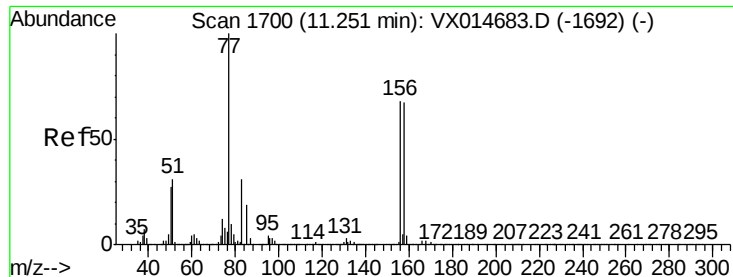
Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion:	75	Resp:	121696
Ion Ratio	Lower	Upper	
75	100		
77	43.4	18.7	56.1





#77

Bromobenzene

Concen: 19.818 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

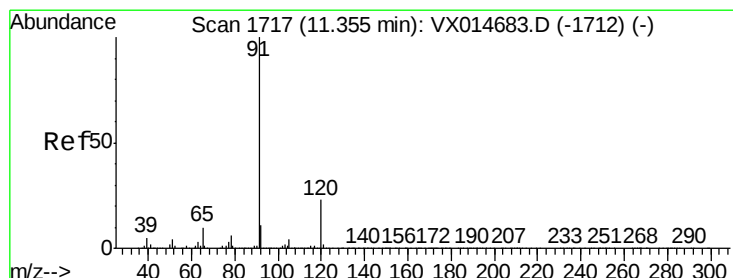
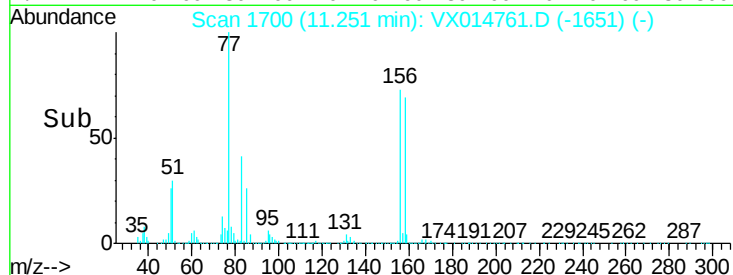
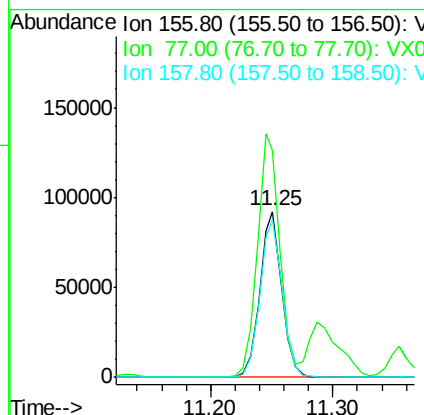
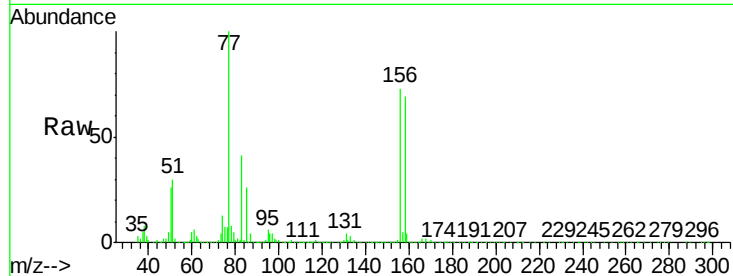
ClientSampleId :

VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	115546		
77	150.3	77.5	232.5	
158	96.3	49.1	147.3	

Manual Integrations
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#78

n-propylbenzene

Concen: 20.580 ug/l

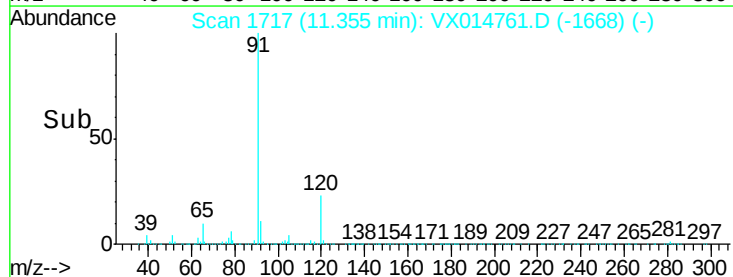
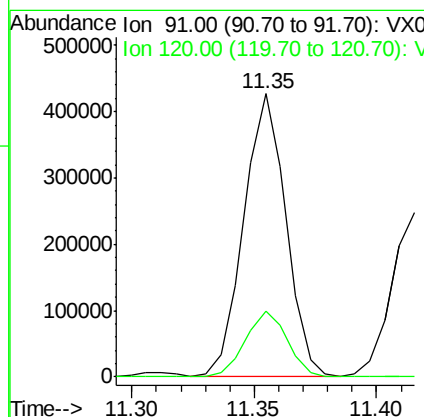
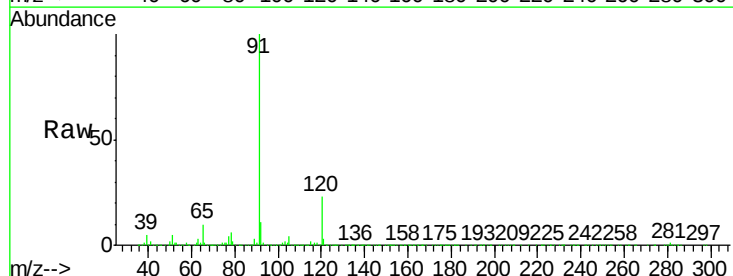
RT: 11.35 min Scan# 1717

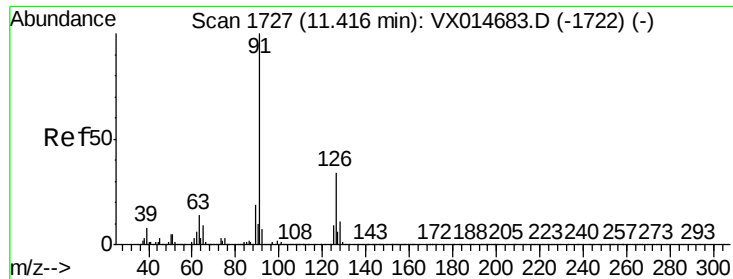
Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	506998		
120	23.5	11.7	35.0	





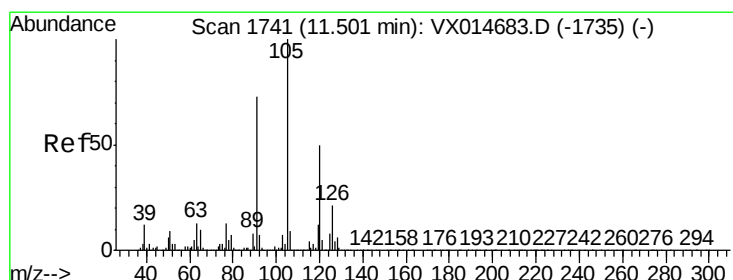
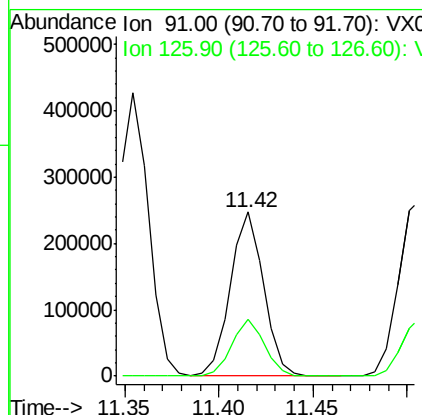
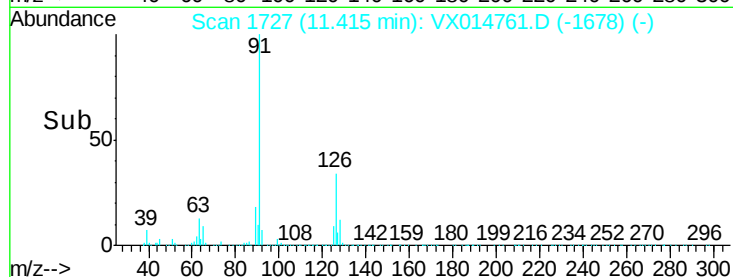
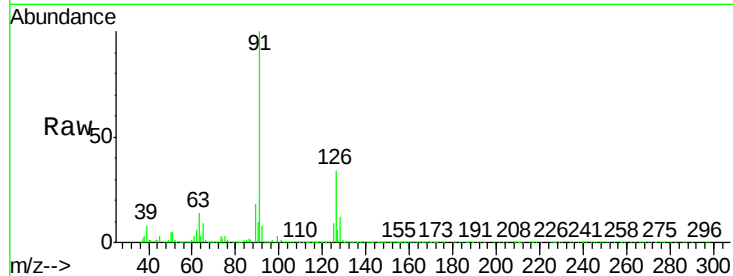
#79
2-Chlorotoluene
Concen: 20.175 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion: 91 Resp: 300729
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

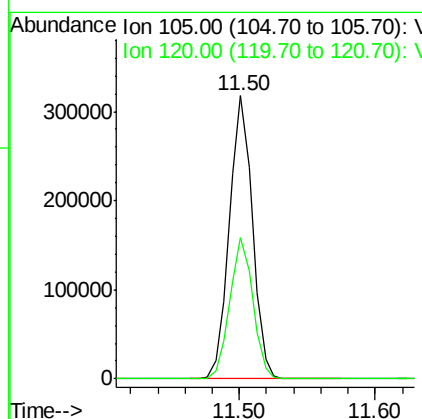
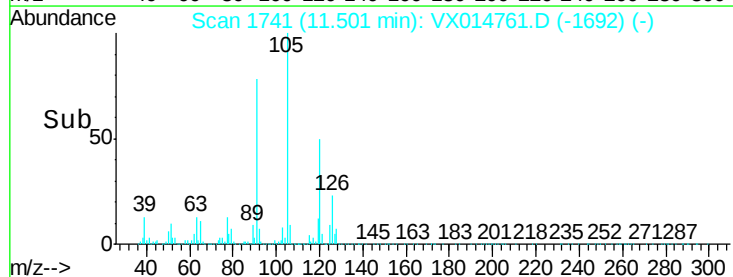
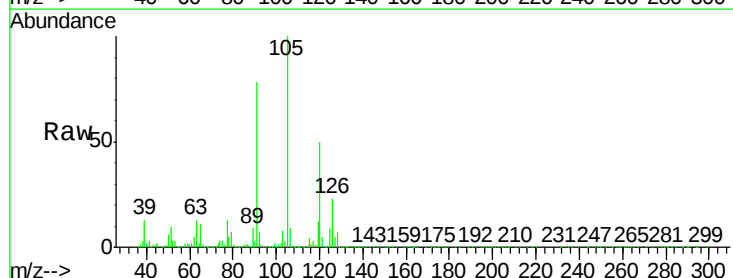
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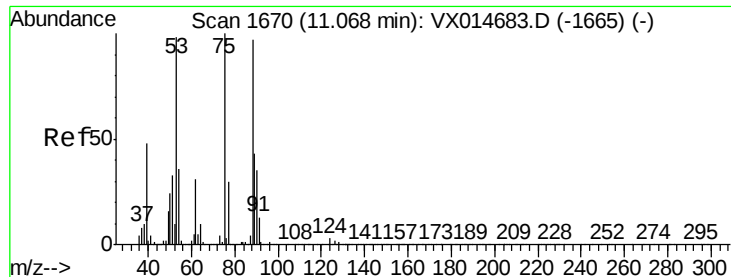
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#80
1,3,5-Trimethylbenzene
Concen: 20.714 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion: 105 Resp: 373120
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





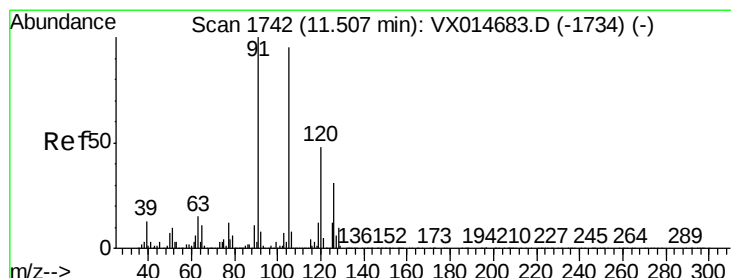
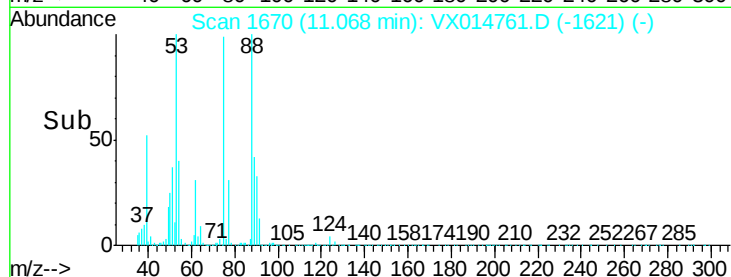
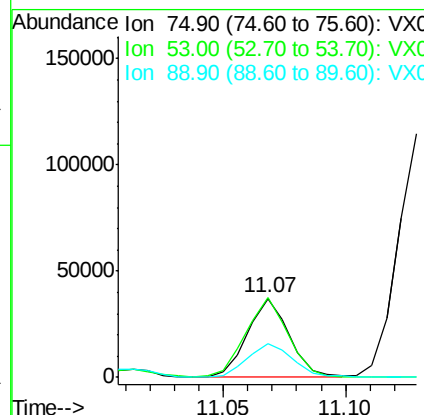
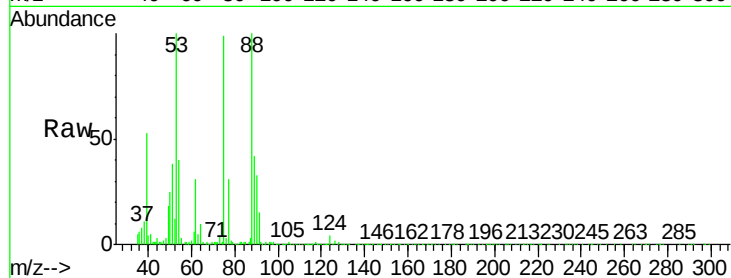
#81
trans-1,4-Dichloro-2-butene
Concen: 17.112 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	78.8	118.2
89	47.2	35.4	53.0

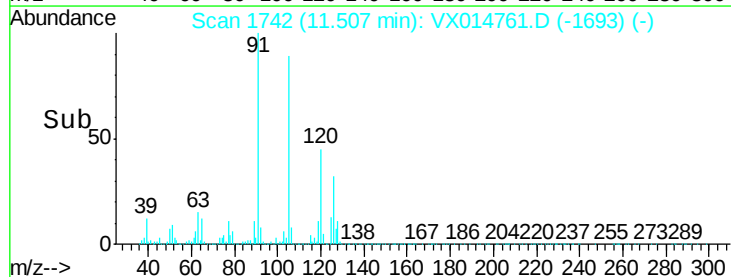
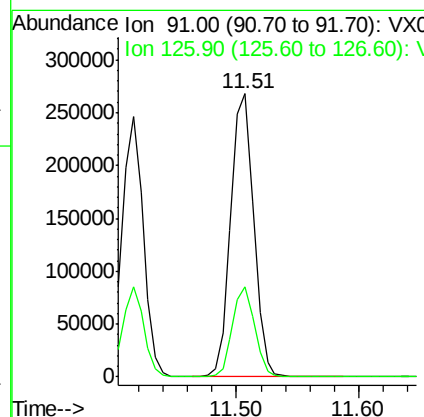
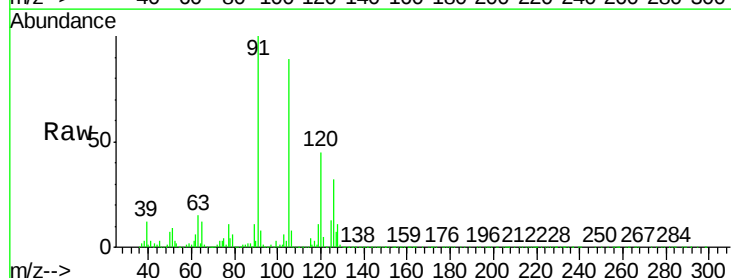
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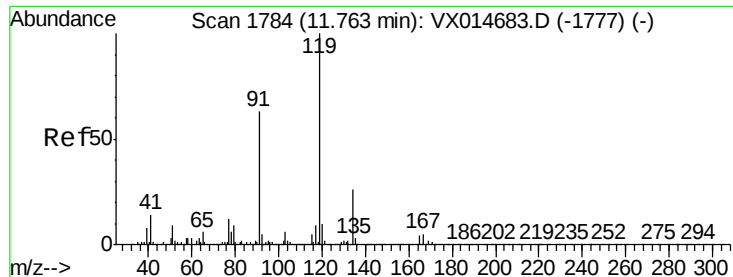
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#82
4-Chlorotoluene
Concen: 20.512 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.4





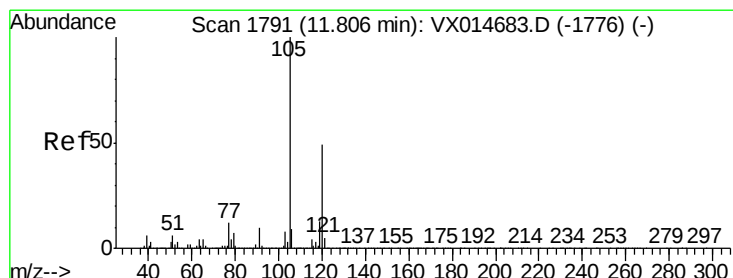
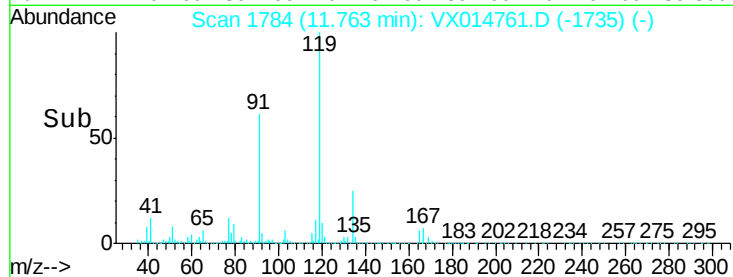
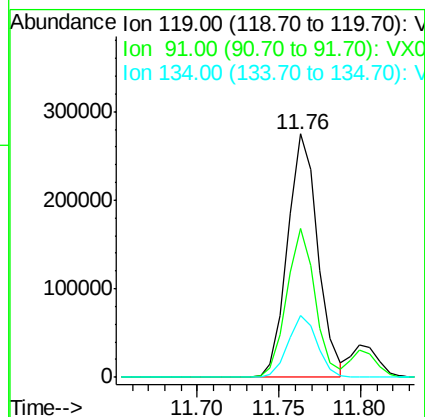
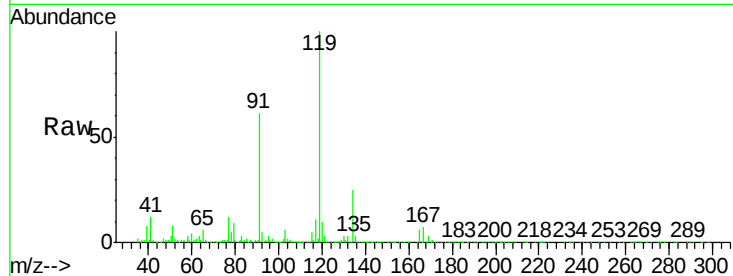
#83
tert-Butylbenzene
Concen: 20.773 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351613		
91	57.8	30.0	90.0	
134	24.8	12.7	38.0	

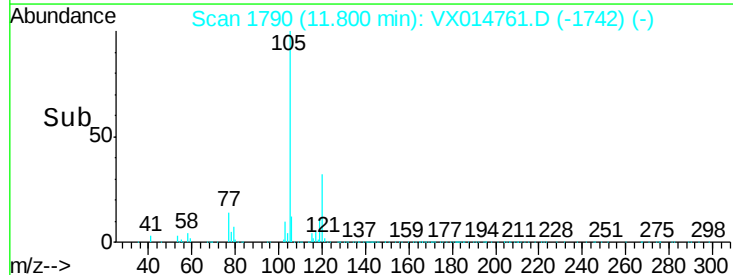
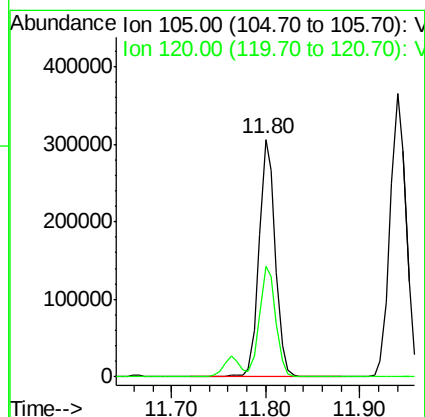
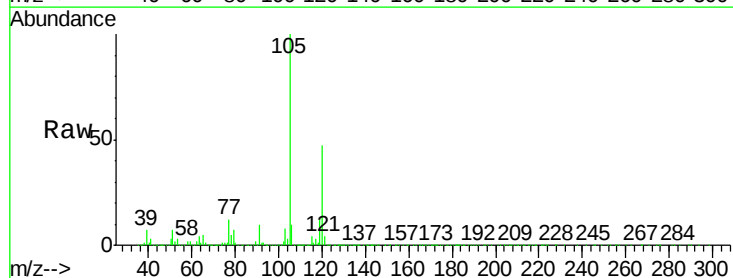
Manual Integrations
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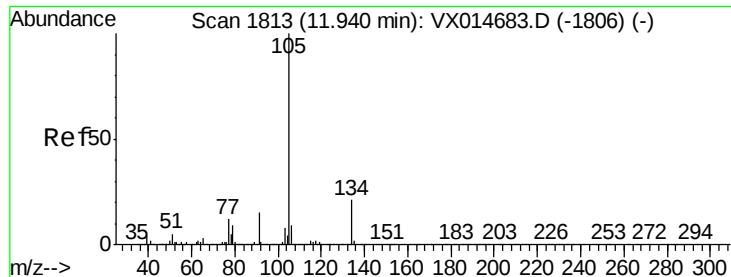
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#84
1,2,4-Trimethylbenzene
Concen: 20.621 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	372572		
120	46.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.827 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBS01

Tot Ion:105 Resp: 431852

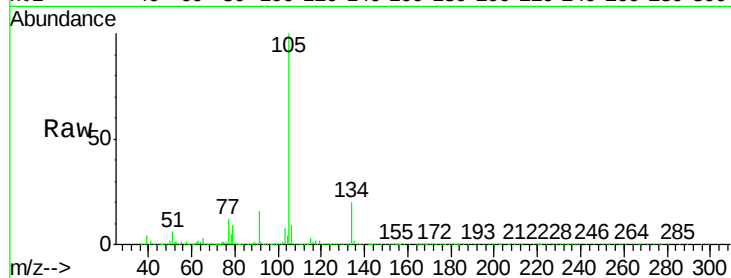
Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

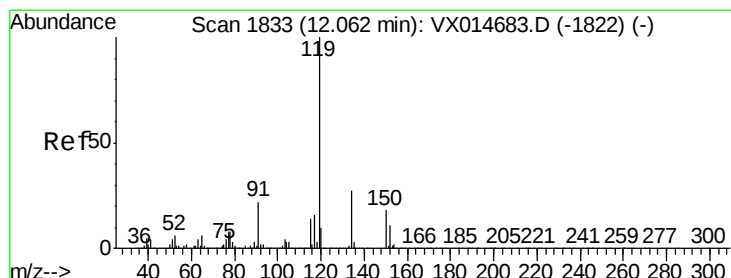
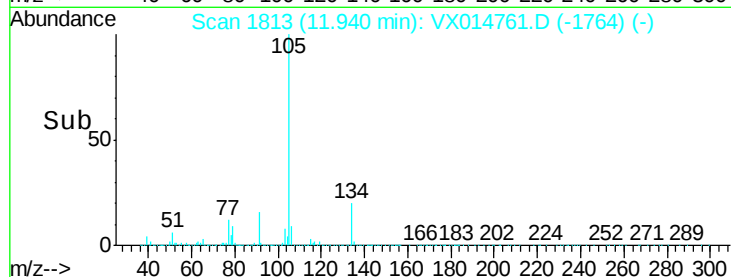
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.486 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014761.D

Acq: 29 Jan 2020 11:29

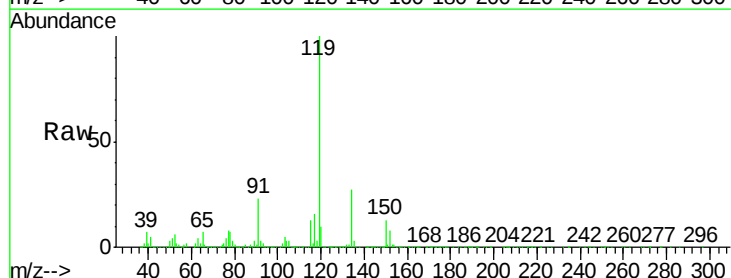
Tgt Ion:119 Resp: 392567

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 22.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

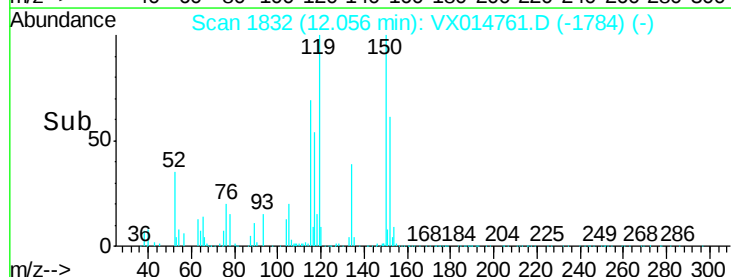
300000

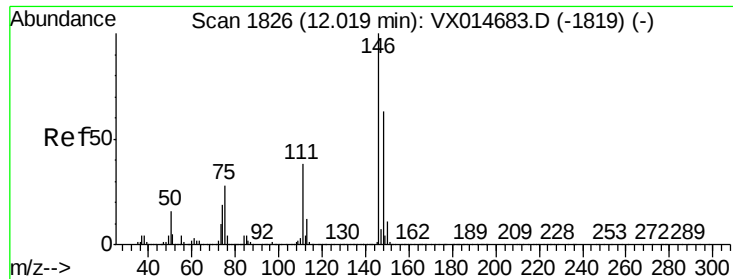
200000

100000

0

Time-->





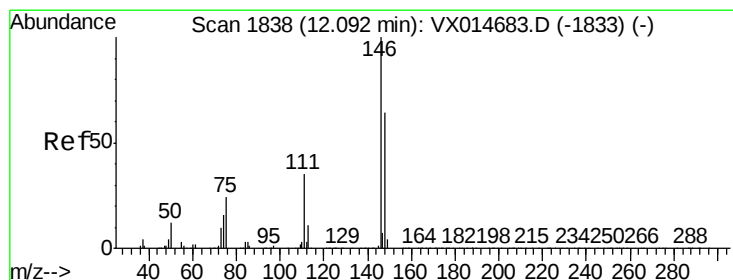
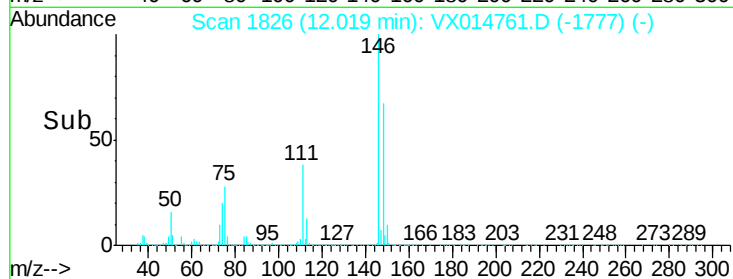
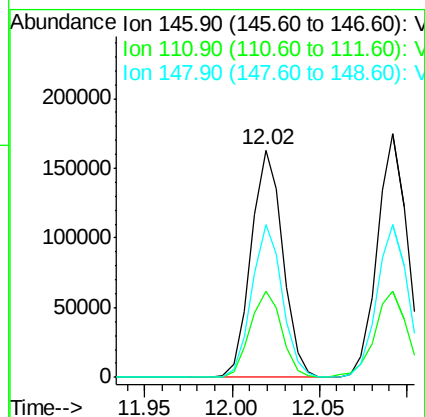
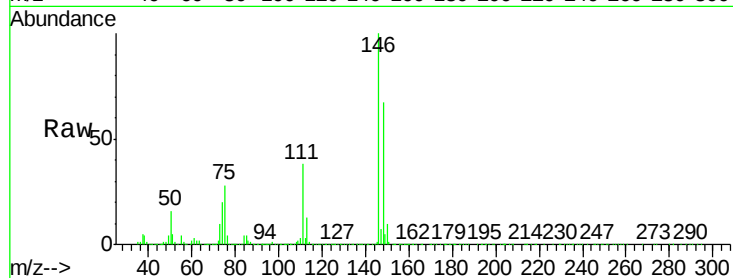
#87
 1,3-Dichlorobenzene
 Concen: 19.553 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.9	31.6	95.0

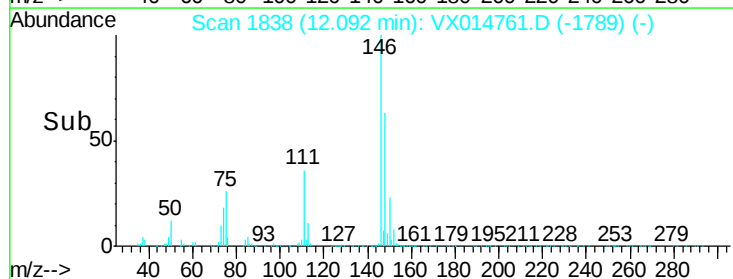
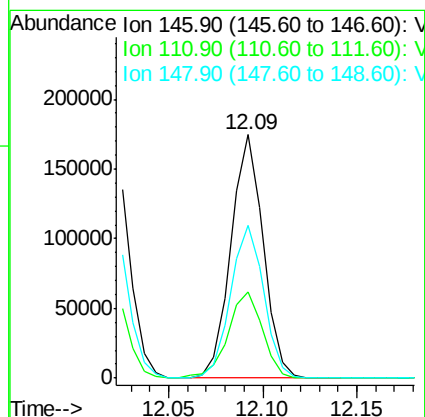
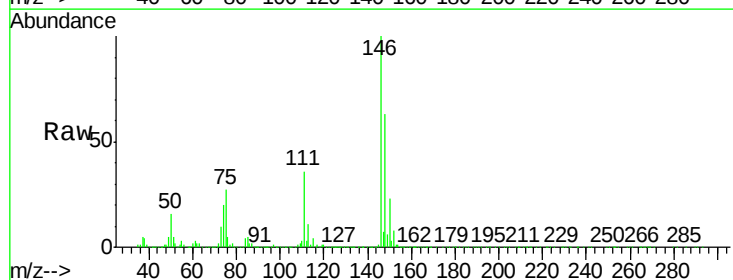
Manual Integrations
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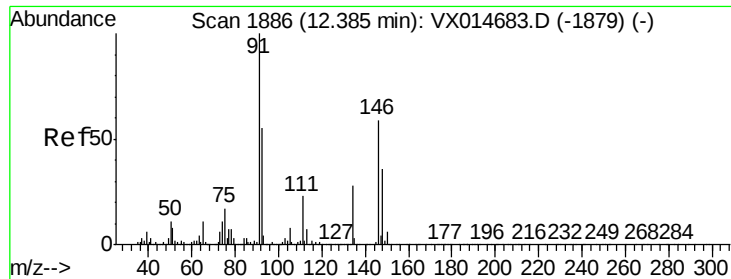
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#88
 1,4-Dichlorobenzene
 Concen: 19.722 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.8	32.0	96.2





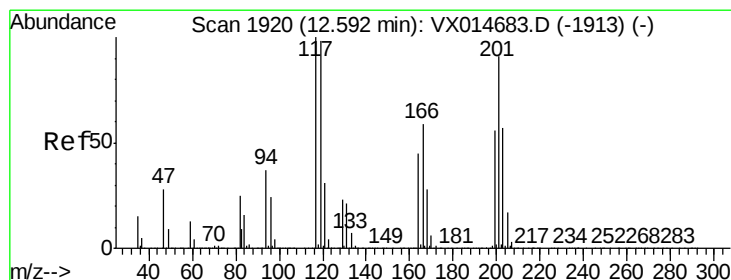
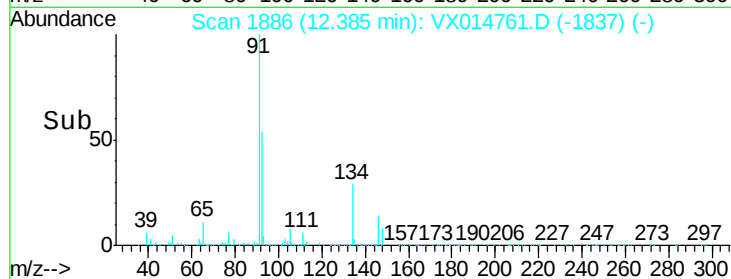
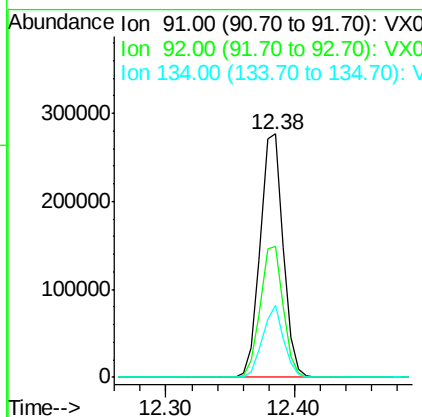
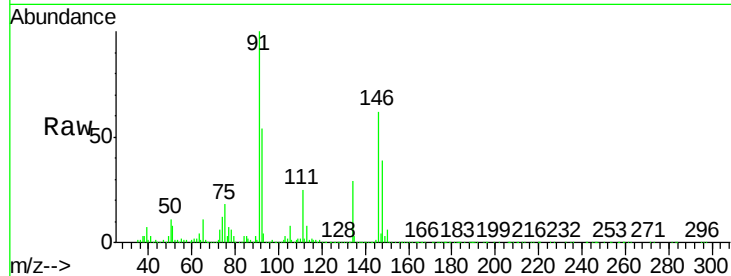
#89
n-Butylbenzene
Concen: 20.235 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.6	82.7
134	27.0	13.3	39.8

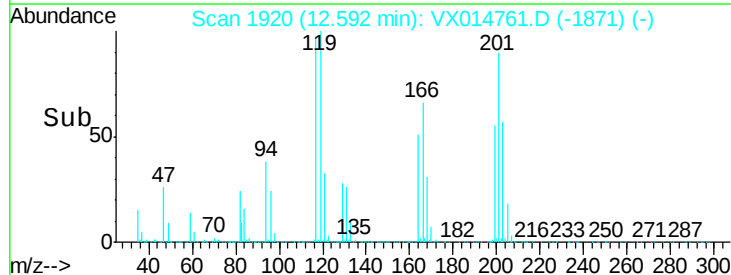
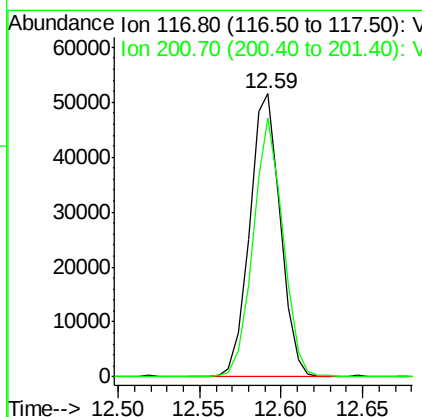
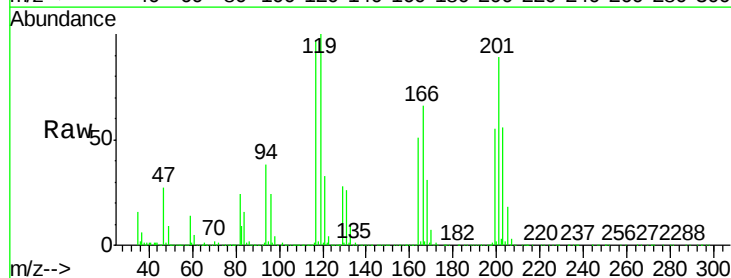
Manual Integrations
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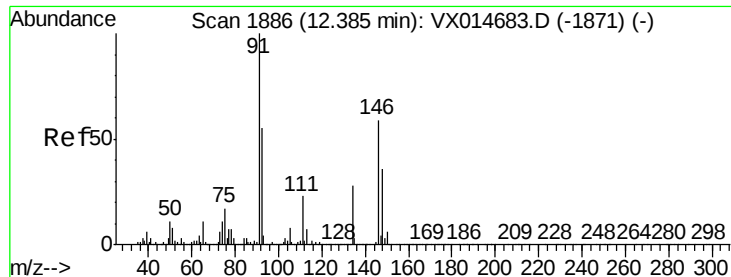
MMDadoda
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#90
Hexachloroethane
Concen: 18.917 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	44.4	133.1





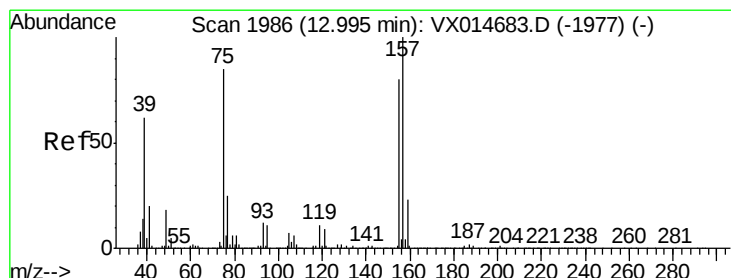
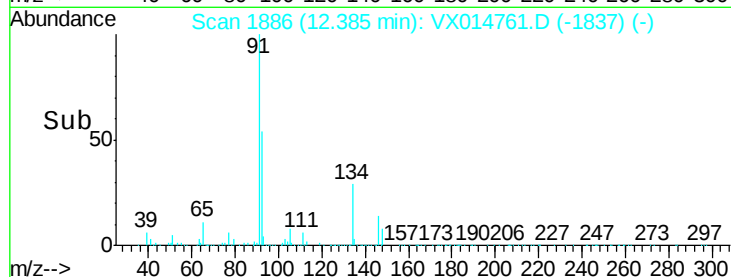
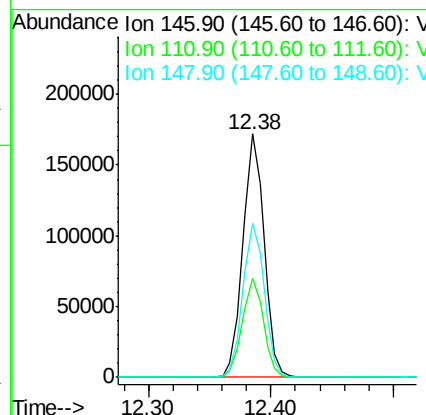
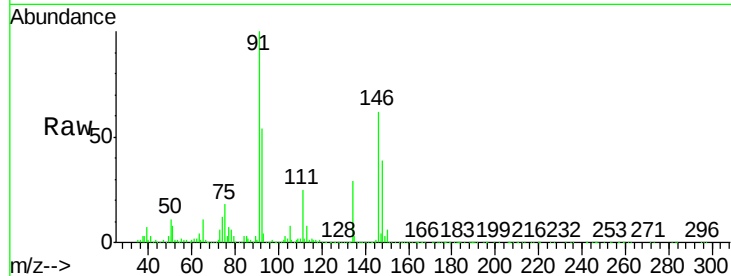
#91
 1,2-Dichlorobenzene
 Concen: 19.772 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	63.9	31.9	95.9

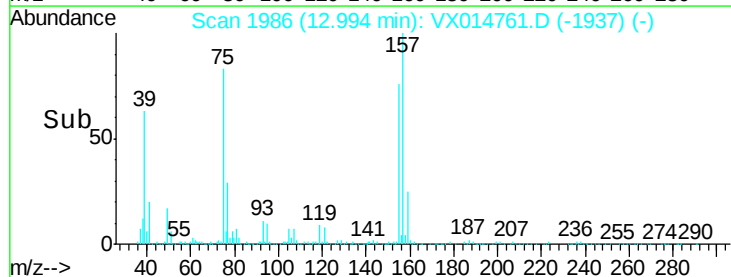
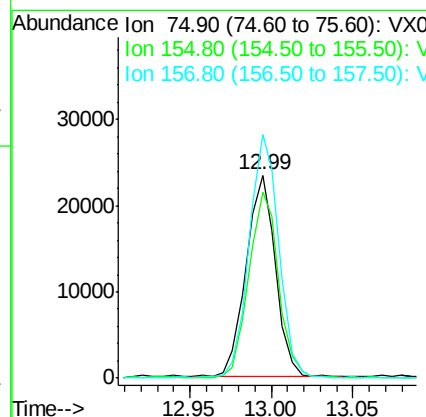
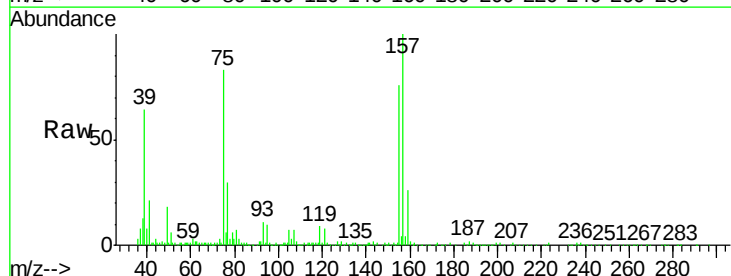
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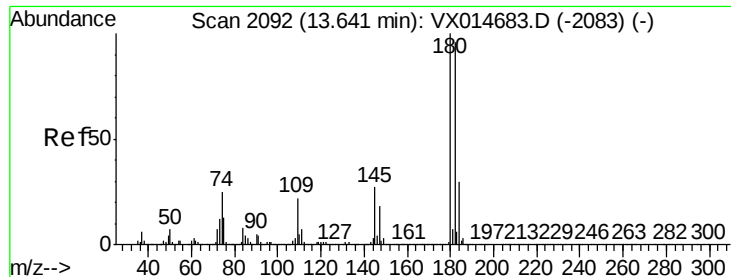
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.675 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014761.D
 Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.6	136.9
157	120.6	60.3	180.9





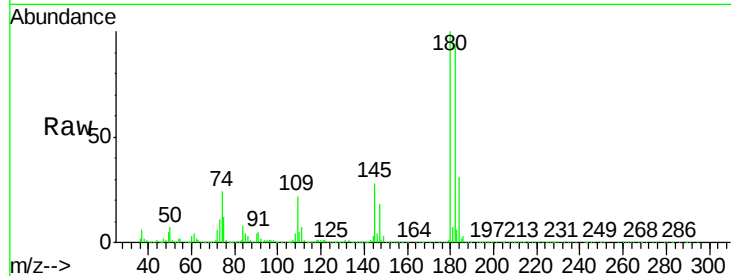
#93
1,2,4-Trichlorobenzene
Concen: 20.017 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBS01

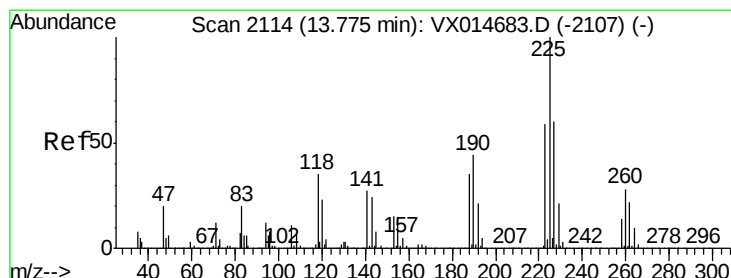
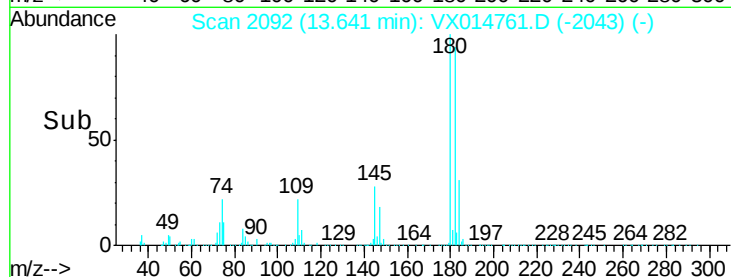
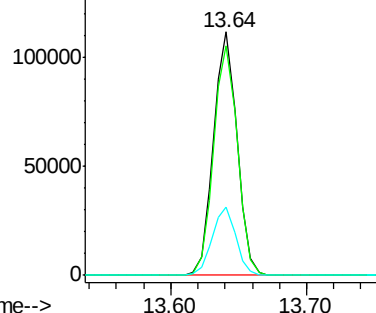
Tot Ion	Ratio	Resp	Lower	Upper
180	100	134305		
182	95.8	48.5	145.6	
145	28.7	14.0	41.9	

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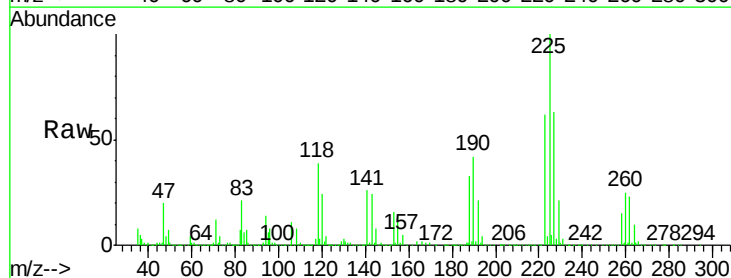


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

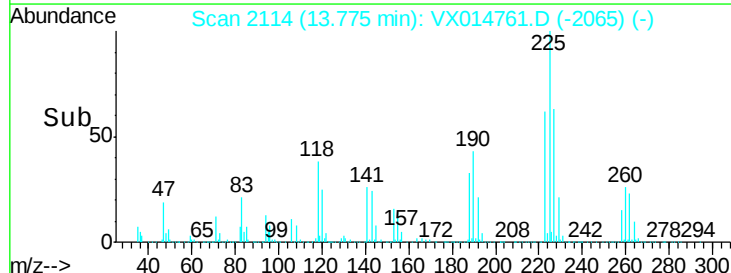
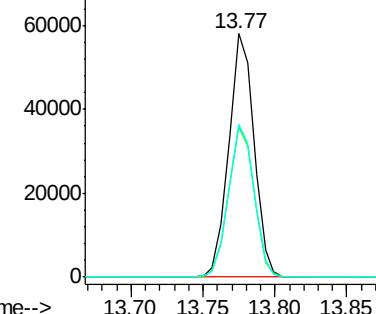


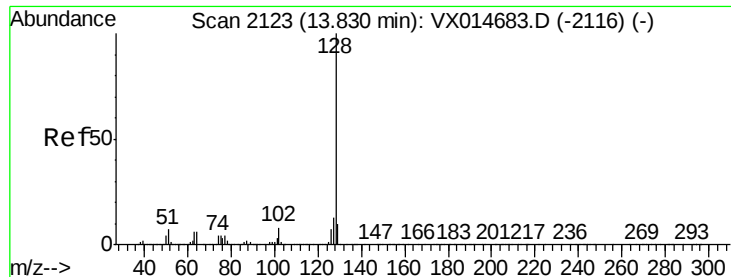
#94
Hexachlorobutadiene
Concen: 20.227 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69852		
223	62.7	30.6	91.8	
227	63.6	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





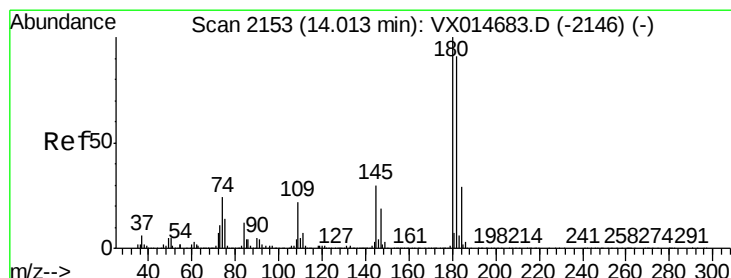
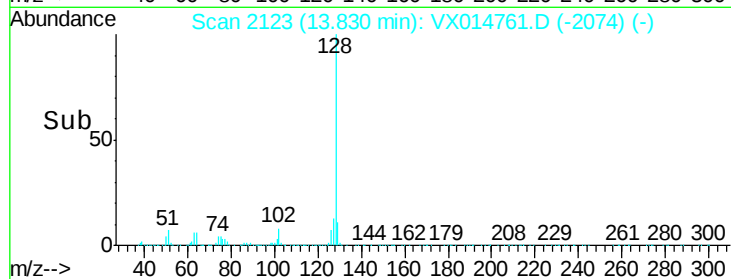
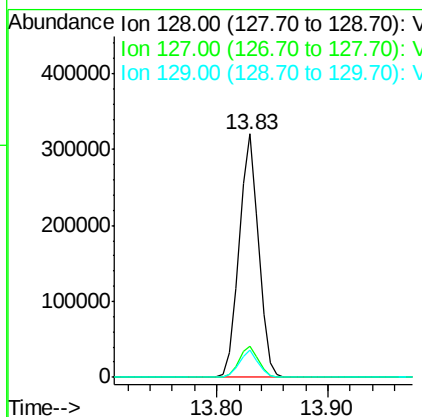
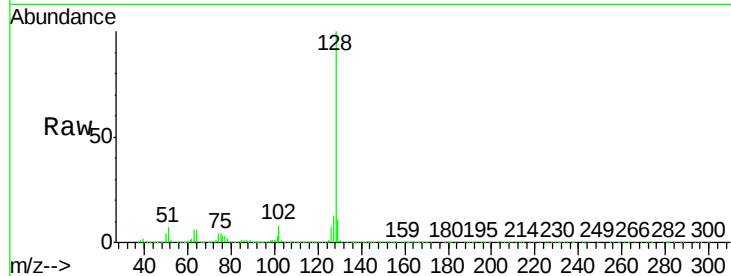
#95
Naphthalene
Concen: 18.488 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	387066		
127	12.9		10.3	15.5
129	10.8		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 20.482 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014761.D
Acq: 29 Jan 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138960		
182	95.2		46.6	139.7
145	30.0		14.7	44.1

