

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014609.D
 Acq On : 15 Jan 2020 10:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:41:53 AM

Quant Time: Jan 15 12:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	84944	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	458907	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	417232	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	180365	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	194465	28.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.20%
63) Toluene-d8	8.71	98	579647	31.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	24234	5.648	ug/l 98
3) Chloromethane	1.32	50	28815	4.765	ug/l 96
4) Vinyl Chloride	1.40	62	31002	5.001	ug/l 96
5) Bromomethane	1.63	94	22110	4.879	ug/l 100
6) Chloroethane	1.72	64	20136	5.258	ug/l 98
7) Trichlorofluoromethane	1.92	101	41450	5.373	ug/l 98
8) Diethyl Ether	2.18	74	17260	4.868	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	23135	5.028	ug/l 96
10) 1,1-Dichloroethene	2.36	96	22677	4.767	ug/l 94
11) Methyl Iodide	2.50	142	22929	3.745	ug/l 99
12) Methyl Acetate	2.76	43	36760	4.992	ug/l 100
13) Acrolein	2.28	56	24426	27.349	ug/l 95
14) Acrylonitrile	3.13	53	66658	23.156	ug/l 98
15) Acetone	2.43	58	21227	25.101	ug/l 89
16) Carbon Disulfide	2.56	76	58601	4.548	ug/l 96
17) Allyl chloride	2.72	41	41400	4.844	ug/l 97
18) Methylene Chloride	2.84	84	28346	4.863	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	24379	4.680	ug/l 89
20) Diisopropyl ether	3.84	45	82256	4.690	ug/l # 81
21) 1,1-Dichloroethane	3.69	63	46355	4.870	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	28588	4.734	ug/l 96
23) tert-Butyl Alcohol	3.03	59	32218	28.534	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	74190	4.617	ug/l 93
25) Chloroform	5.20	83	45871	5.055	ug/l 89
26) Cyclohexane	5.57	56	41152	4.848	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	32529	4.907	ug/l 98
30) 2-Butanone	4.66	43	101260	25.917	ug/l 99
31) 2,2-Dichloropropane	4.56	77	35978m	5.868	ug/l
32) 1,1,1-Trichloroethane	5.48	97	37660	5.136	ug/l 98
33) Carbon Tetrachloride	5.78	117	31391	5.037	ug/l 92
34) Benzene	6.13	78	103245	4.995	ug/l 98
35) Methacrylonitrile	5.03	41	19724	4.694	ug/l 91
36) 1,2-Dichloroethane	6.18	62	38853m	5.411	ug/l
37) Trichloroethene	7.20	130	28460	5.060	ug/l 98
38) Methylcyclohexane	7.45	83	38787	4.905	ug/l 99
39) 1,2-Dichloropropane	7.50	63	27199	5.067	ug/l 100
40) Dibromomethane	7.65	93	17418	5.079	ug/l 98

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 1/16/2020 9:41:53 AM

Quant Time: Jan 15 12:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	32608	4.911	ug/l	94
42) Vinyl Acetate	3.80	43	325522	23.598	ug/l	99
43) Ethyl Acetate	4.82	43	36553	4.876	ug/l	97
44) Isopropyl Acetate	6.43	43	57408	4.572	ug/l	99
45) 1,4-Dioxane	7.73	88	13211	112.350	ug/l	93
46) Methyl methacrylate	7.76	41	27078	4.440	ug/l	93
47) n-amyl Acetate	10.89	43	42431	3.800	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	30929	4.268	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	37148	4.558	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	26319	4.973	ug/l	99
51) Ethyl methacrylate	9.17	69	36240	4.305	ug/l	94
52) 1,3-Dichloropropane	9.37	76	44883	4.991	ug/l	98
53) Dibromochloromethane	9.57	129	24539	4.637	ug/l	98
54) 1,2-Dibromoethane	9.67	107	26192	4.806	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	95317	25.684	ug/l	99
56) Bromoform	10.85	173	17253	4.180	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	187718	24.046	ug/l	99
59) 2-Hexanone	9.48	43	136145	22.980	ug/l	100
61) Tetrachloroethene	9.33	164	30286	5.487	ug/l	93
62) Toluene	8.78	91	110915	4.998	ug/l	99
64) Chlorobenzene	10.14	112	68375	4.918	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	24578	4.774	ug/l	98
66) Ethyl Benzene	10.25	91	115013	4.736	ug/l	98
67) m/p-Xylenes	10.36	106	85764	9.239	ug/l	97
68) o-Xylene	10.69	106	42345	4.604	ug/l	99
69) Styrene	10.71	104	66651	4.262	ug/l	98
70) Isopropylbenzene	11.01	105	111746	4.702	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	38307	4.545	ug/l	95
72) 1,2,3-Trichloropropane	11.29	75	36613m	4.881	ug/l	
73) Bromobenzene	11.25	156	30831	4.860	ug/l	96
74) n-propylbenzene	11.35	91	123819	4.594	ug/l	98
75) 2-Chlorotoluene	11.42	91	79774	4.898	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	89239	4.426	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	9344	3.772	ug/l	98
78) 4-Chlorotoluene	11.51	91	86922	4.670	ug/l	100
79) tert-butylbenzene	11.76	119	87351	4.495	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	90137	4.471	ug/l	98
81) sec-Butylbenzene	11.94	105	106389	4.603	ug/l	99
82) p-Isopropyltoluene	12.06	119	92894	4.454	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	51018	4.614	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	51072	4.638	ug/l	98
85) n-Butylbenzene	12.39	91	76386	4.356	ug/l	99
86) Hexachloroethane	12.59	117	15958	4.217	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	53190	4.736	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	7322	4.359	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	30098	4.193	ug/l	95
90) Hexachlorobutadiene	13.78	225	17319	5.076	ug/l	99
91) Naphthalene	13.83	128	85236	3.951	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	32410	4.451	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

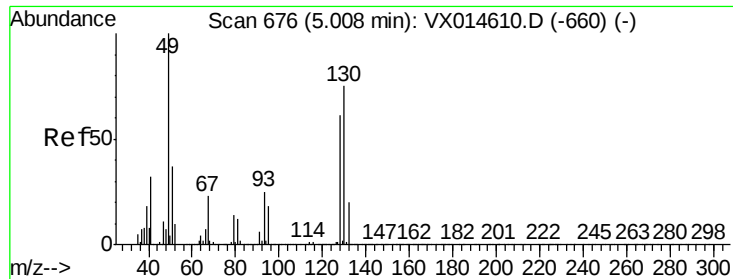
Manual Integrations
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1/16/2020 9:41:53 AM

Quant Time: Jan 15 12:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:07:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

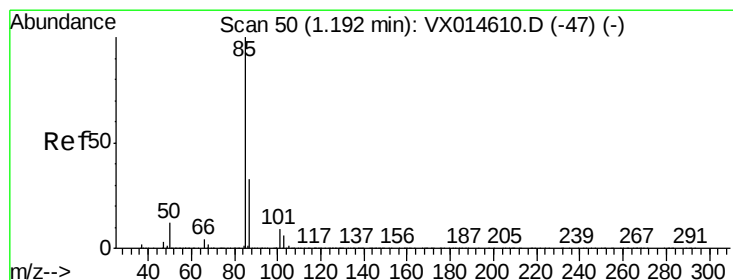
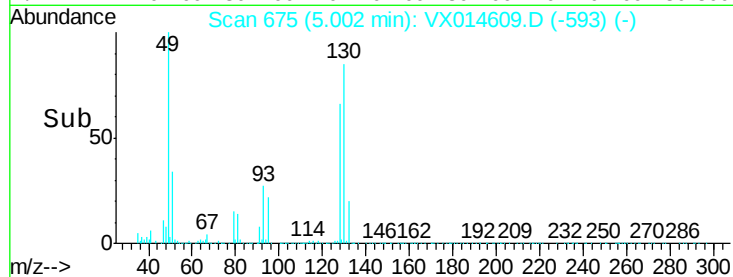
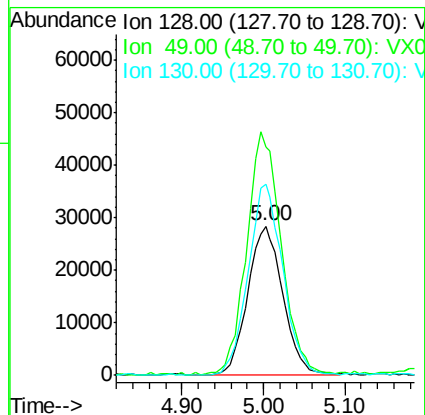
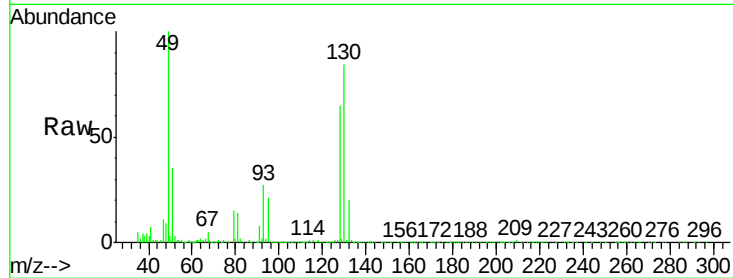
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.4	0.0	405.0
130	126.9	0.0	321.5

Manual Integrations
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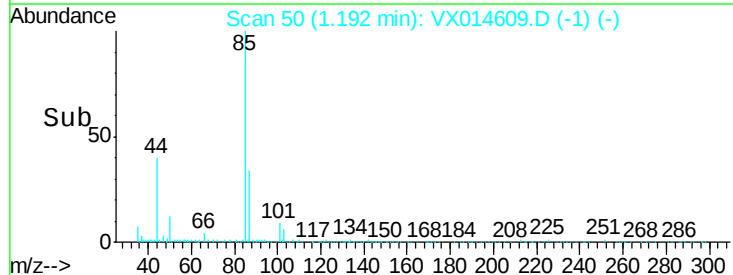
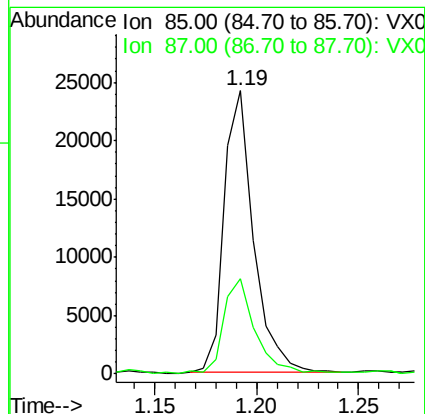
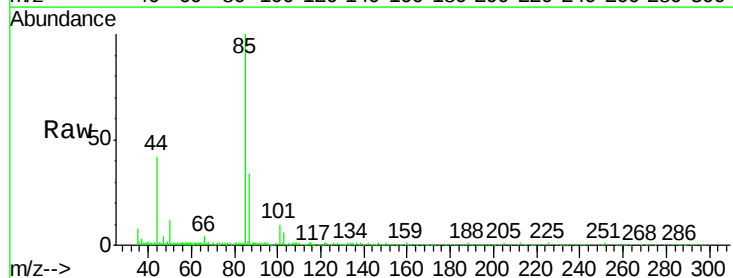
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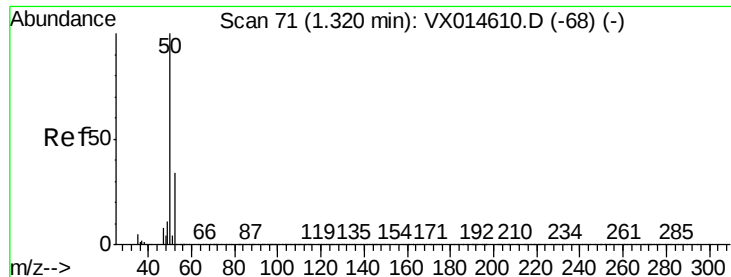


#2

Dichlorodifluoromethane
Concen: 5.648 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.3	48.9





#3

Chloromethane

Concen: 4.765 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 28815

Ion Ratio Lower Upper

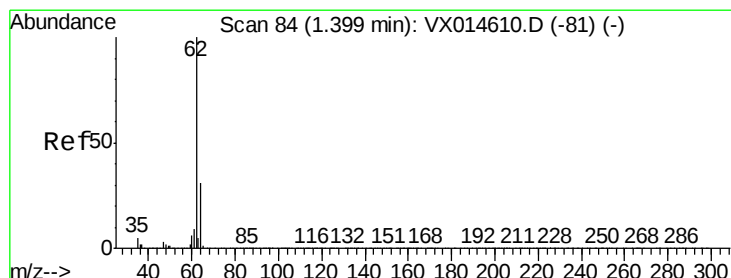
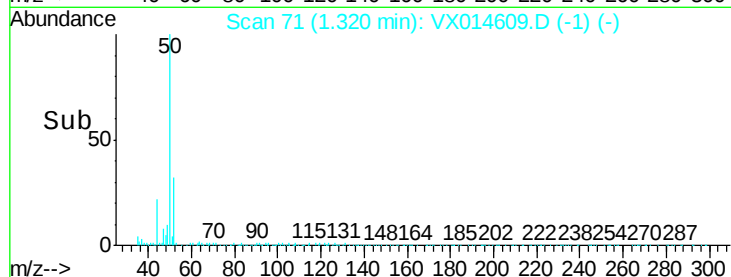
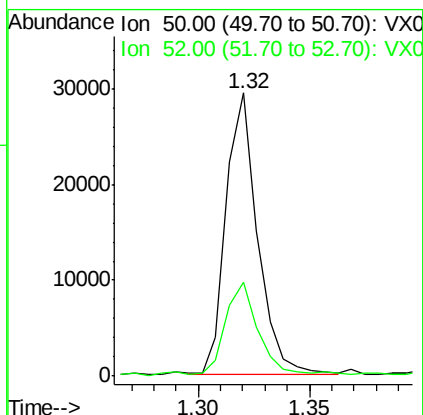
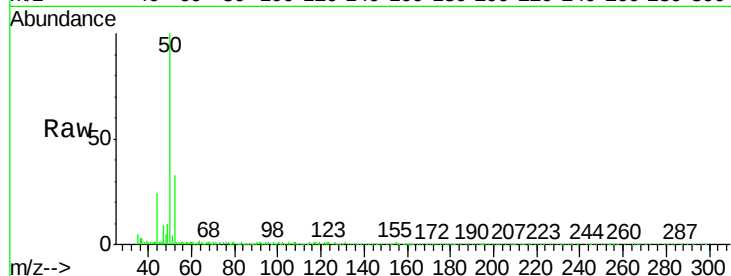
50 100

52 32.6 24.3 36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 5.001 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014609.D

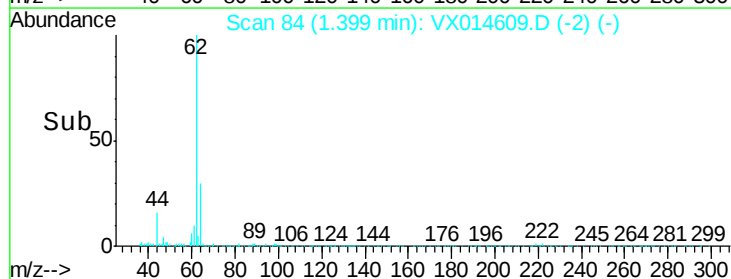
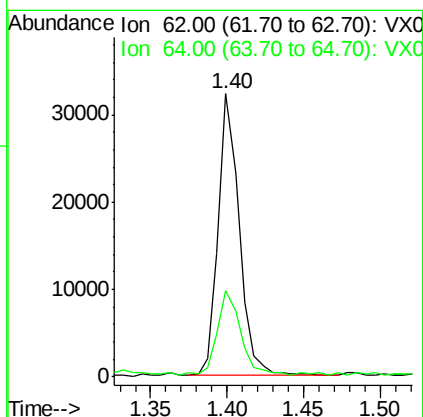
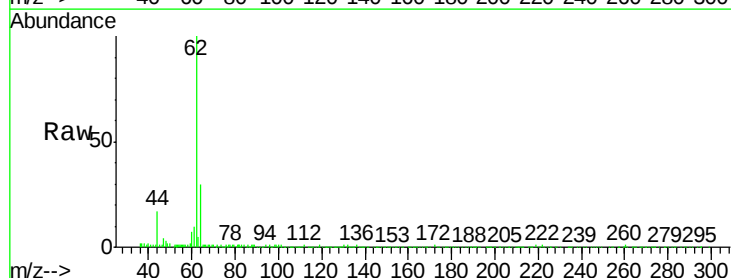
Acq: 15 Jan 2020 10:47

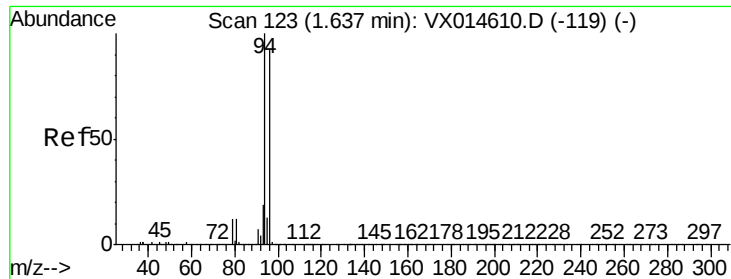
Tgt Ion: 62 Resp: 31002

Ion Ratio Lower Upper

62 100

64 29.2 25.2 37.8





#5

Bromomethane

Concen: 4.879 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 22110

Ion Ratio Lower Upper

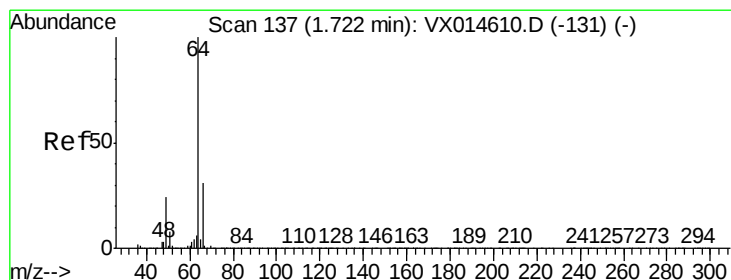
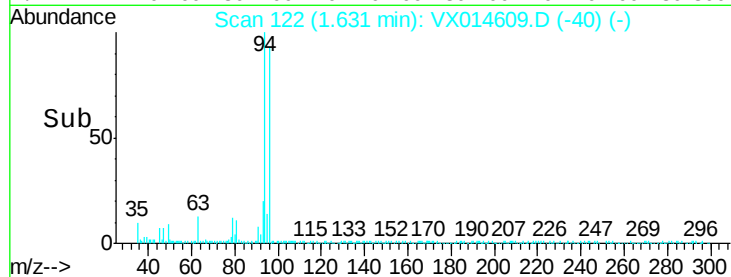
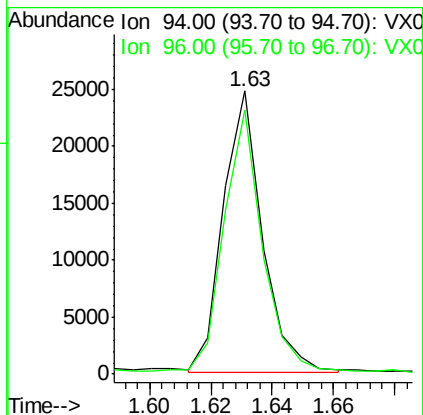
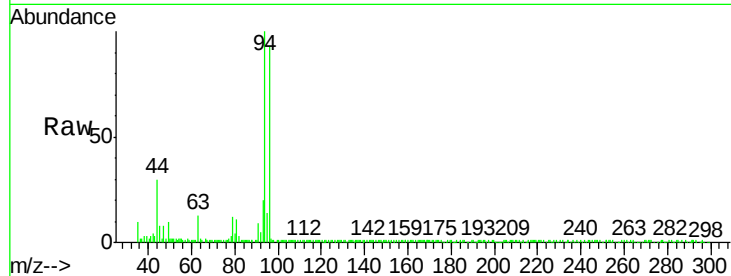
94 100

96 93.4 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 5.258 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014609.D

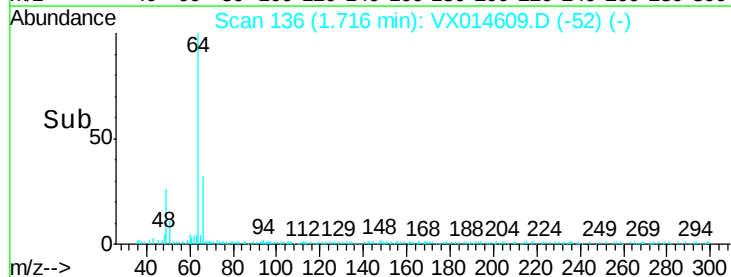
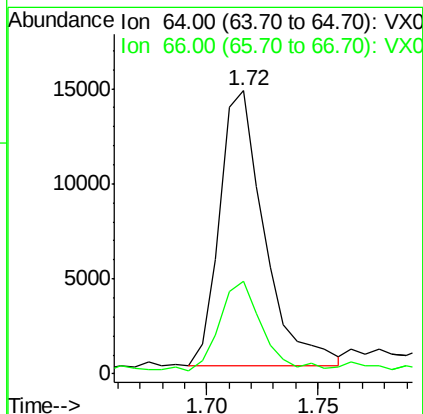
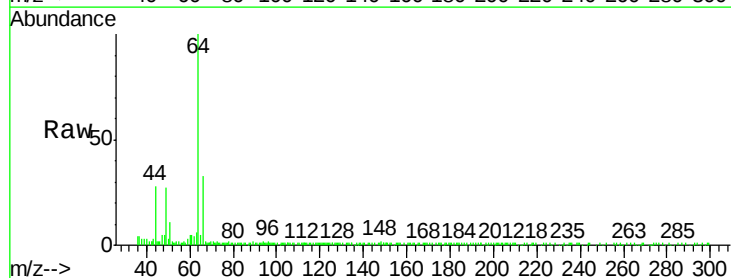
Acq: 15 Jan 2020 10:47

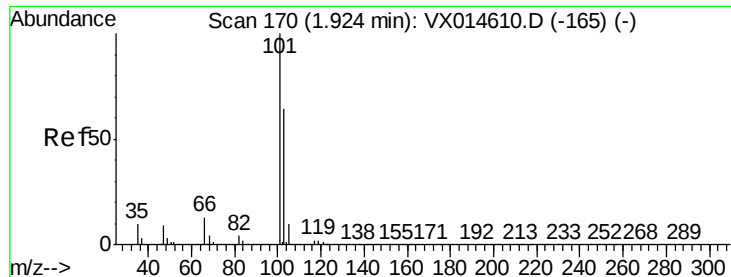
Tgt Ion: 64 Resp: 20136

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

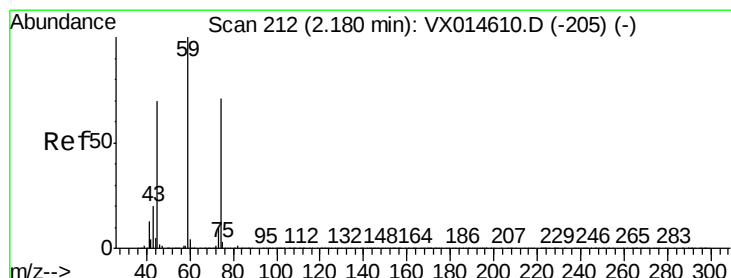
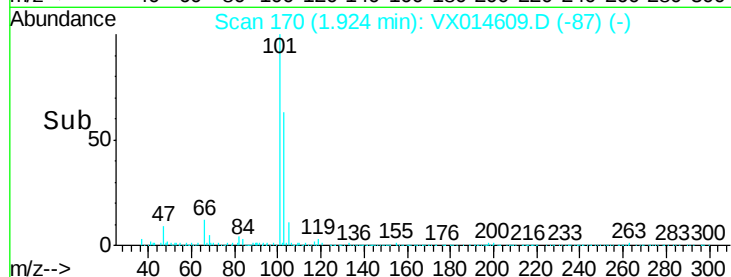
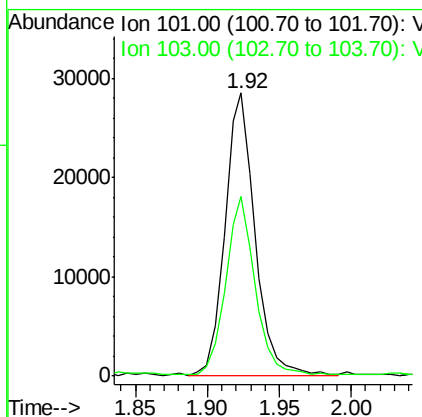
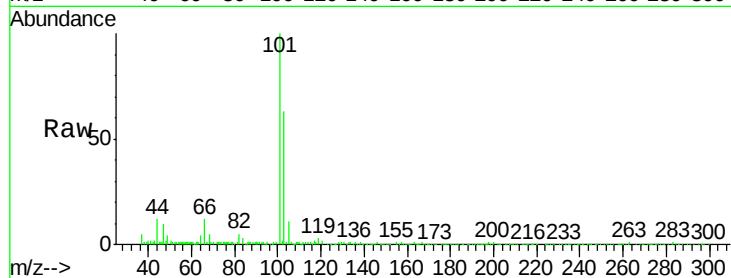
Trichlorofluoromethane
Concen: 5.373 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.6	77.4

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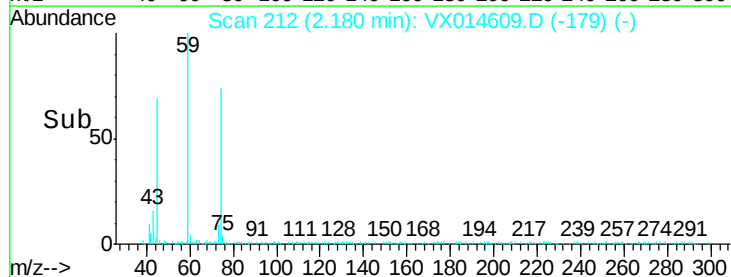
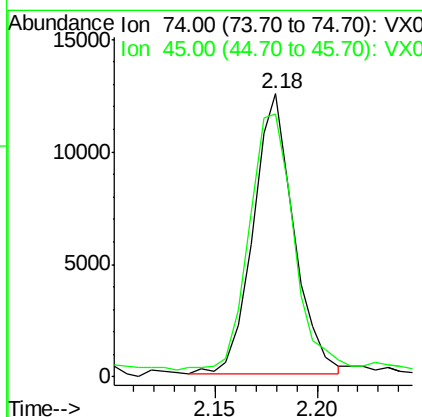
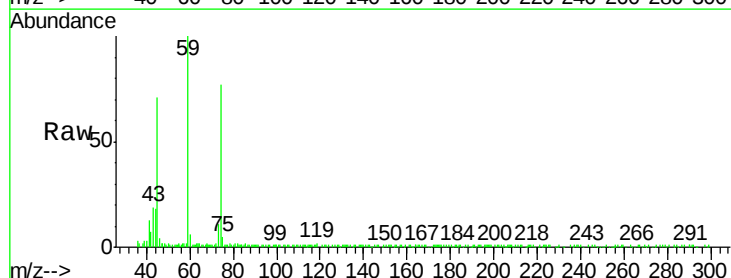
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1/16/2020 9:41:53 AM

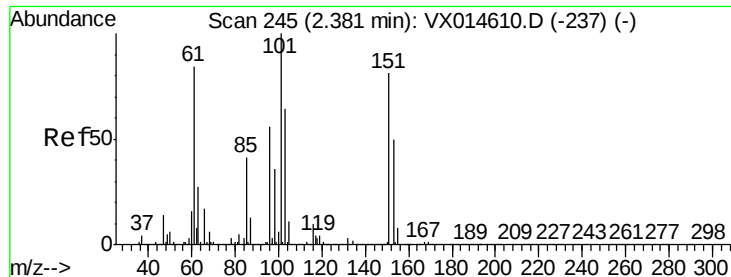


#8

Diethyl Ether
Concen: 4.868 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.028 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

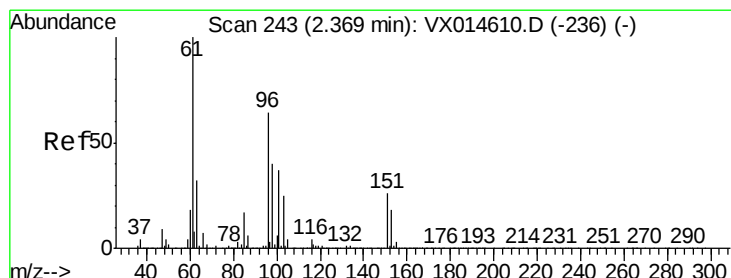
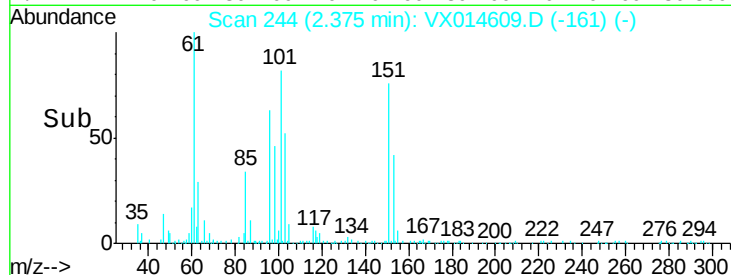
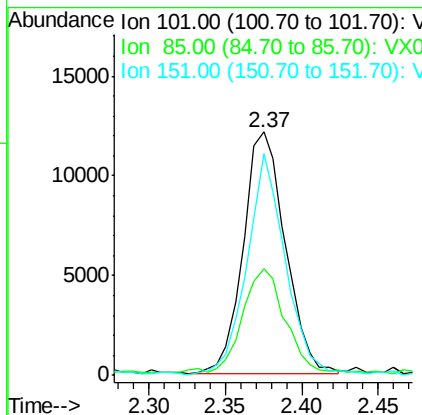
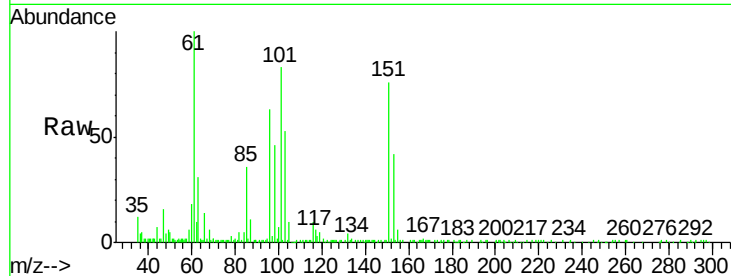
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	23135
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	85.6
151	84.1	0.0	159.4

Manual Integrations
APPROVED

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1/16/2020 9:41:53 AM



#10

1,1-Dichloroethene

Concen: 4.767 ug/l

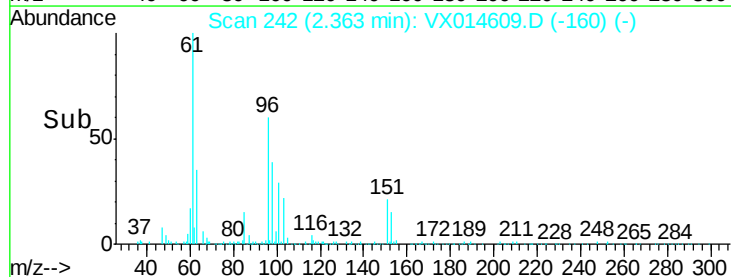
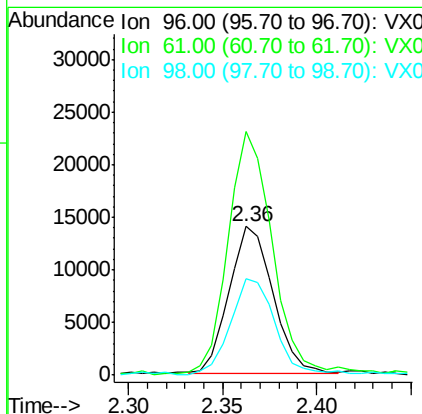
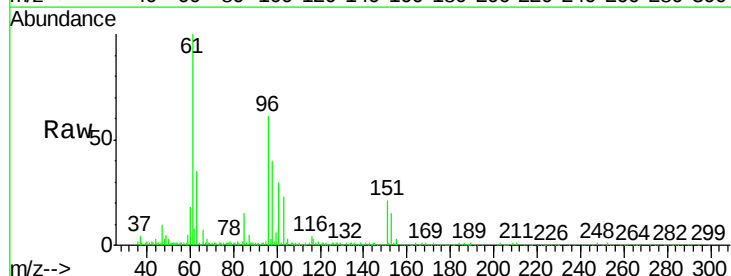
RT: 2.36 min Scan# 242

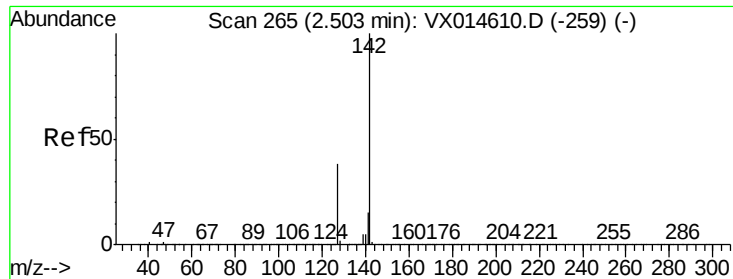
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	96	Resp:	22677
Ion Ratio	Lower	Upper	
96	100		
61	164.3	123.0	184.6
98	65.4	51.4	77.0





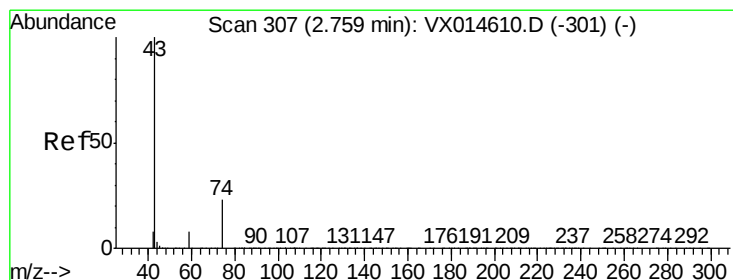
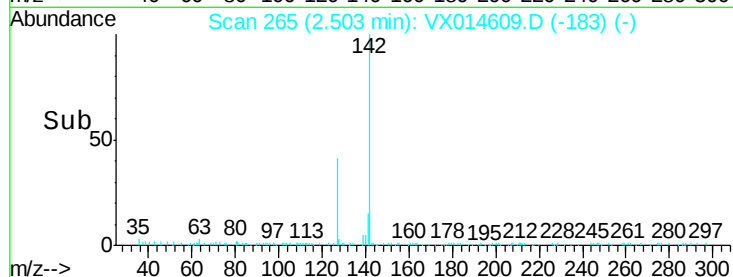
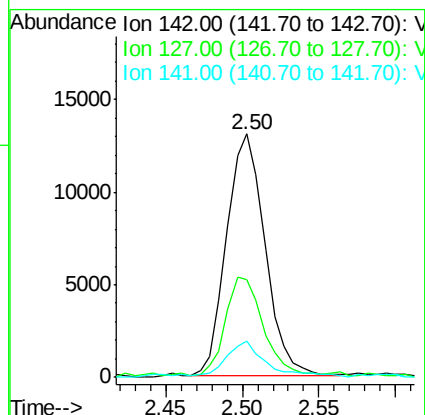
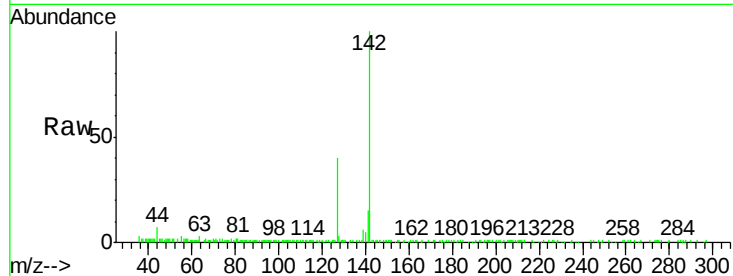
#11
Methyl Iodide
Concen: 3.745 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.5	19.5	58.5
141	14.3	7.0	20.9

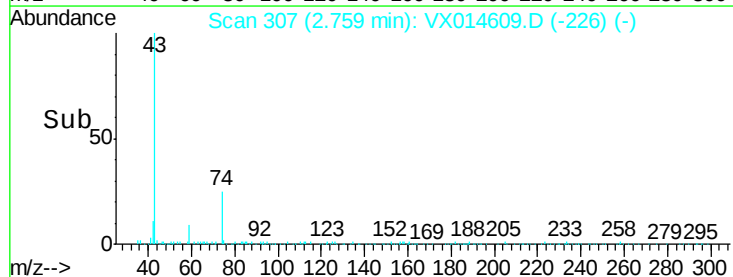
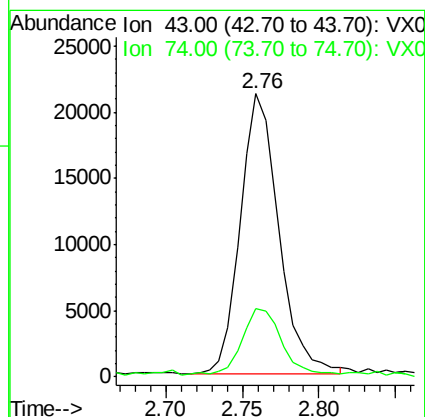
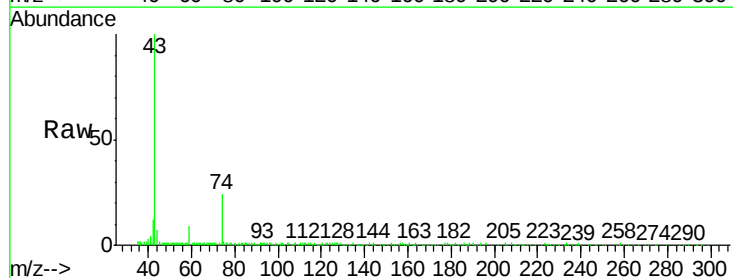
Manual Integrations
APPROVED

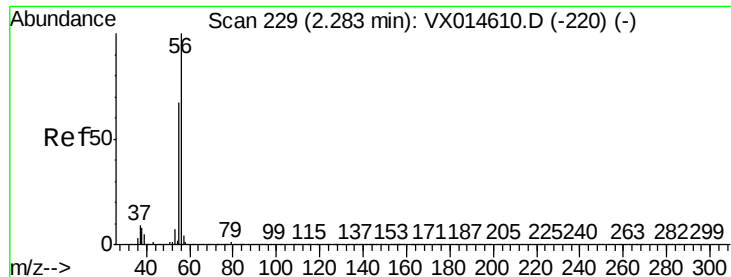
MMDadoda
1/16/2020 9:41:53 AM



#12
Methyl Acetate
Concen: 4.992 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7





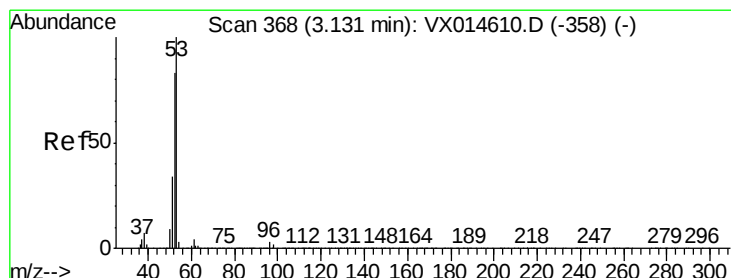
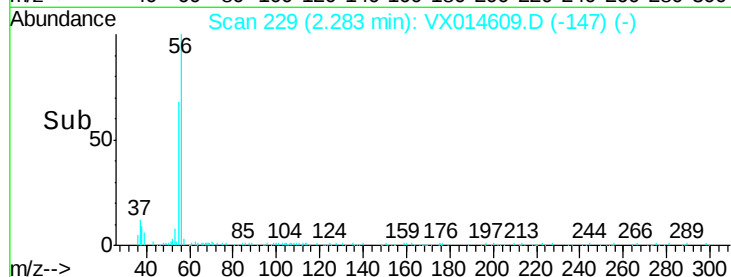
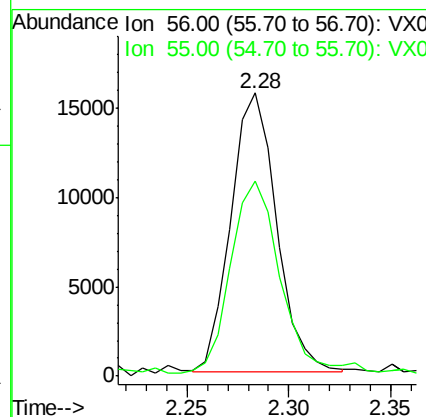
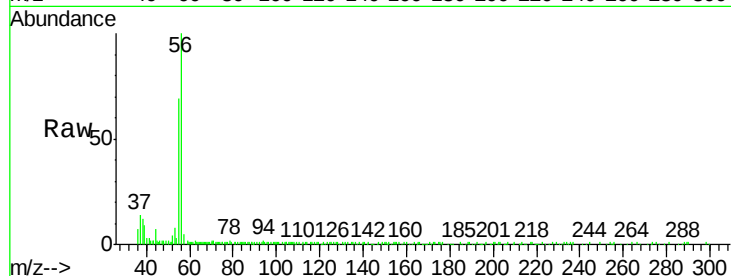
#13
Acrolein
Concen: 27.349 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	56	Resp	Lower	Upper
24426	100			
55	72.8	54.9	82.3	

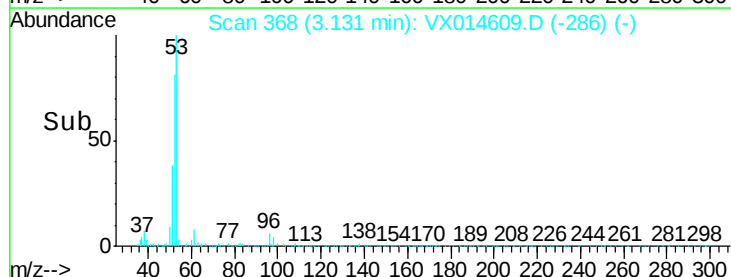
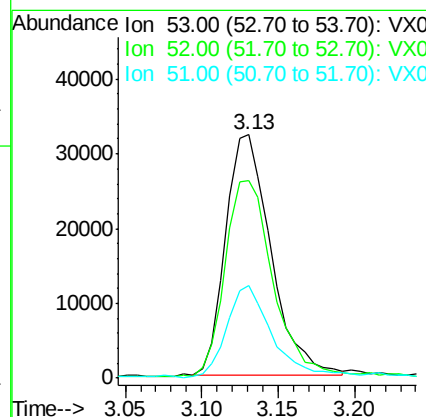
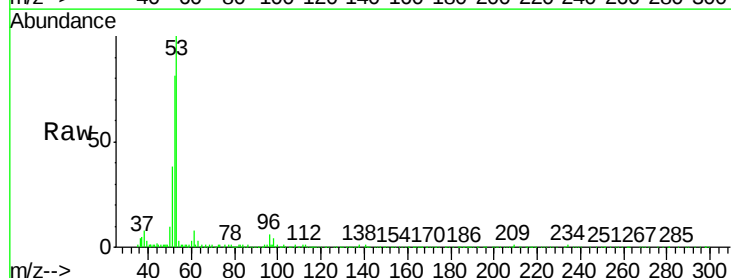
Manual Integrations
APPROVED

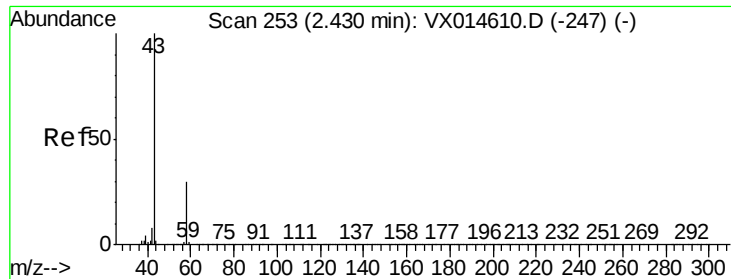
MMDadoda
1/16/2020 9:41:53 AM



#14
Acrylonitrile
Concen: 23.156 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	53	Resp	Lower	Upper
66658	100			
52	84.8	41.5	124.6	
51	37.1	17.8	53.5	





#15

Acetone

Concen: 25.101 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 21227

Ion Ratio Lower Upper

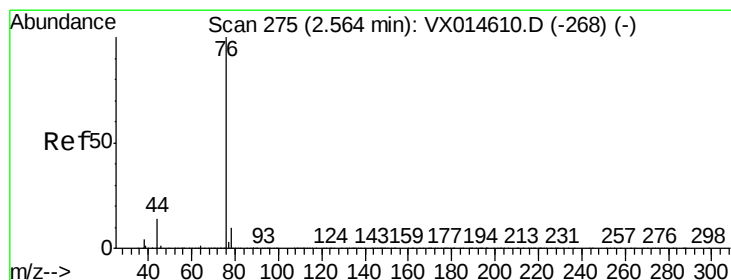
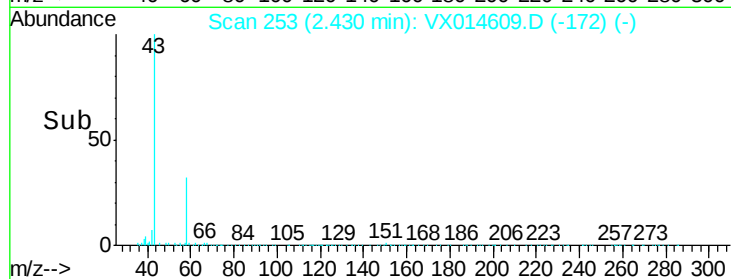
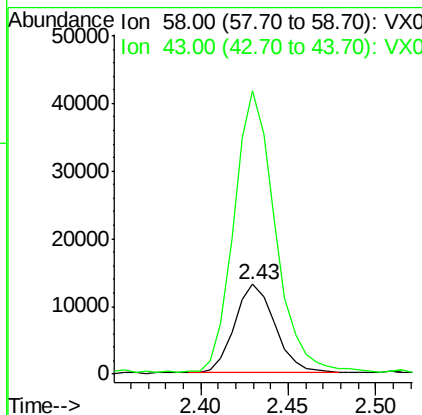
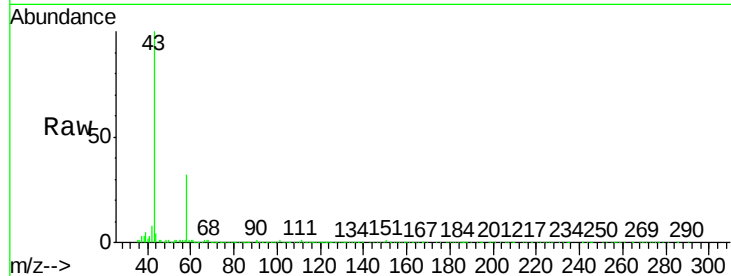
58 100

43 316.8 236.3 354.5

Manual Integrations
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#16

Carbon Disulfide

Concen: 4.548 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014609.D

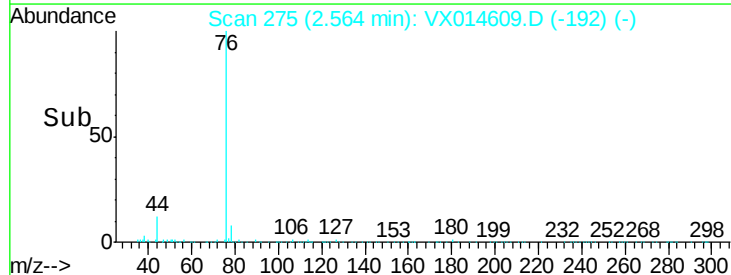
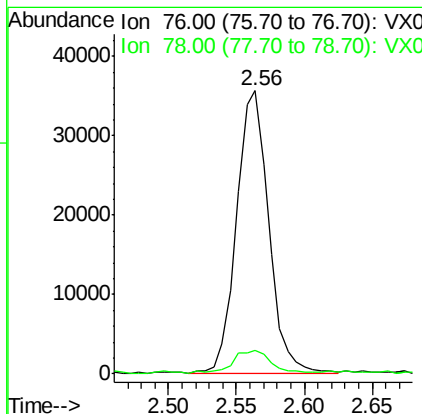
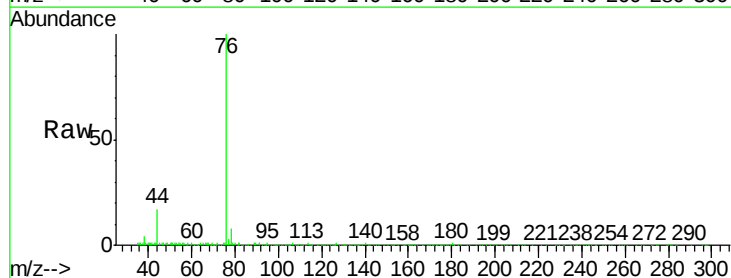
Acq: 15 Jan 2020 10:47

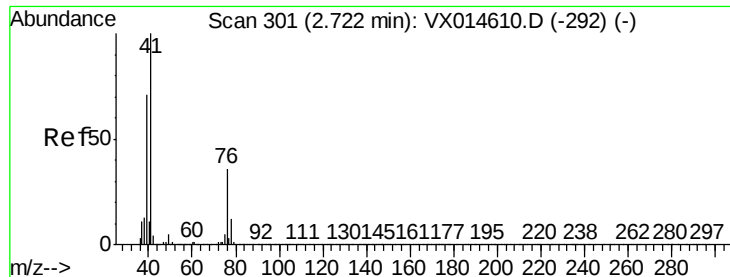
Tgt Ion: 76 Resp: 58601

Ion Ratio Lower Upper

76 100

78 8.2 7.8 11.8





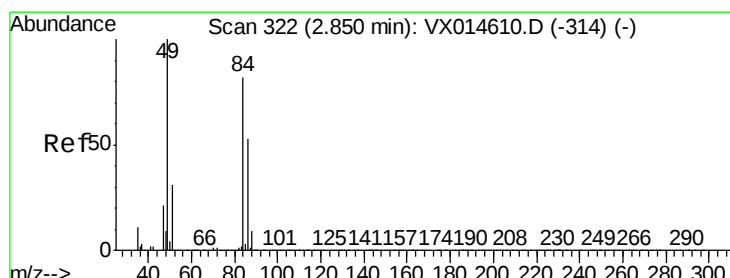
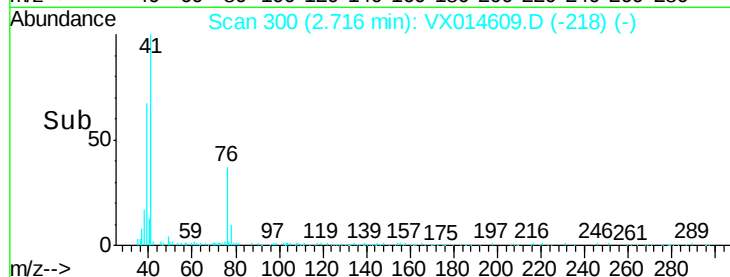
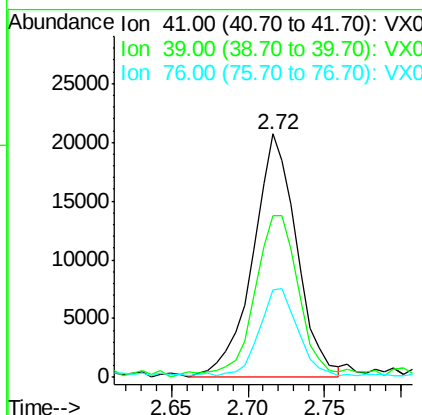
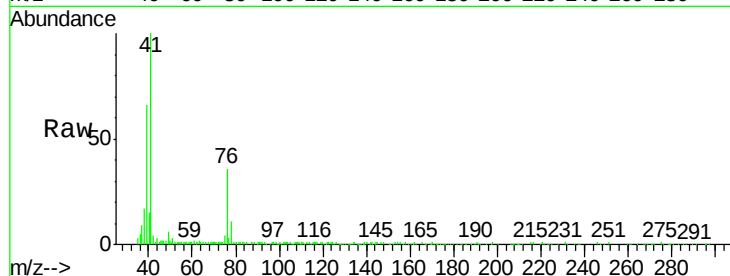
#17
Allvl chloride
Concen: 4.844 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.3	33.4	100.2
76	35.0	17.0	50.9

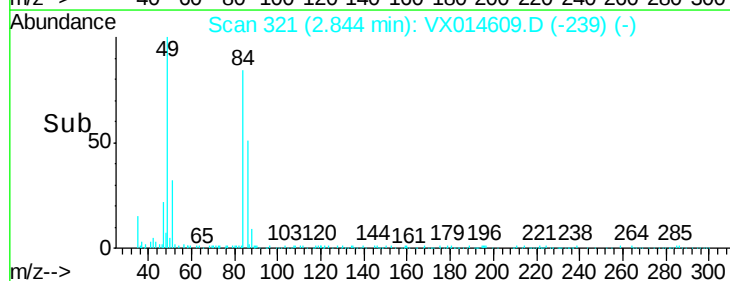
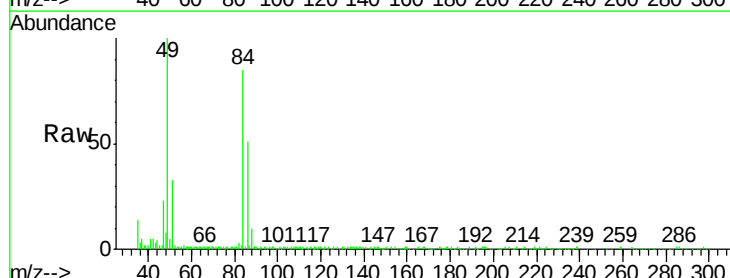
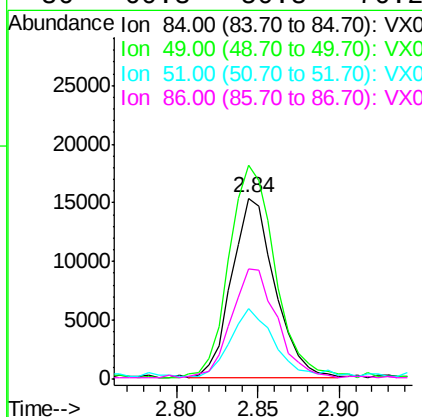
Manual Integrations
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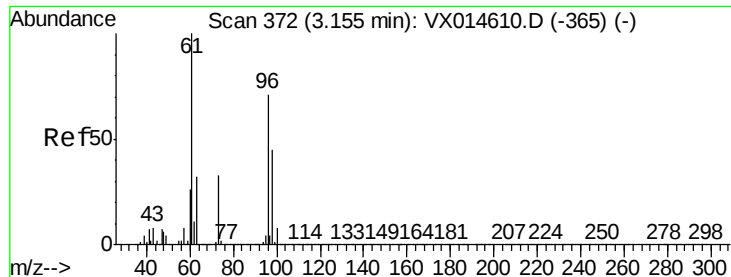
MMDadoda
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#18
Methylene Chloride
Concen: 4.863 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	102.2	153.2
51	37.9	31.4	47.0
86	60.3	50.8	76.2





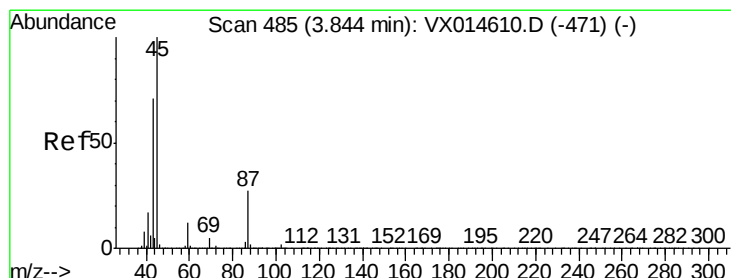
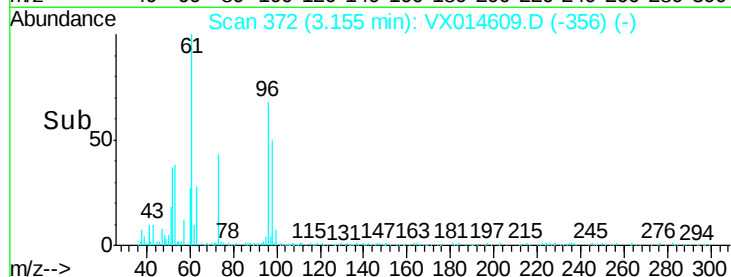
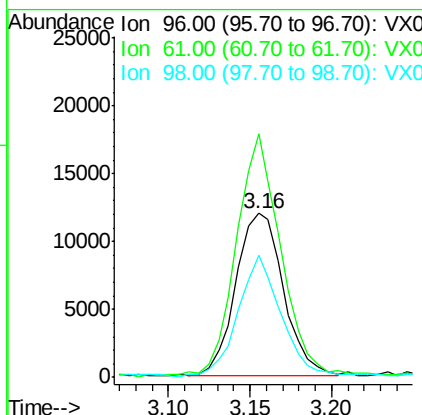
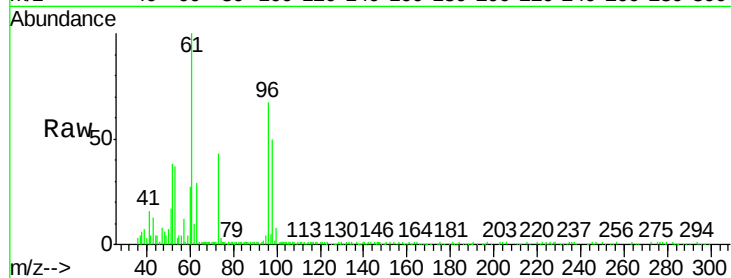
#19
trans-1,2-Dichloroethene
Concen: 4.680 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	145.7	106.6	159.8	
98	74.0	51.6	77.4	

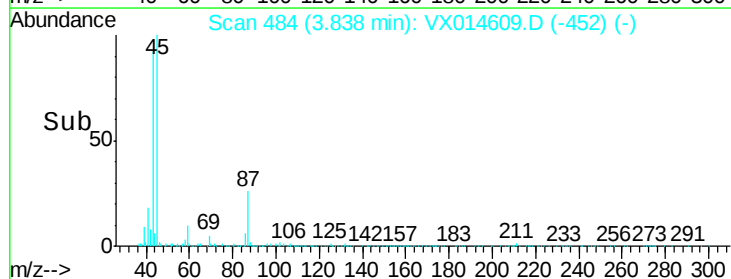
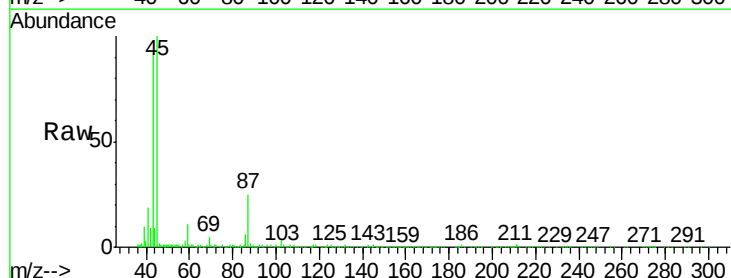
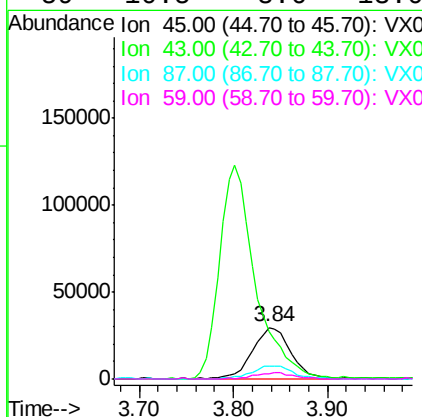
Manual Integrations
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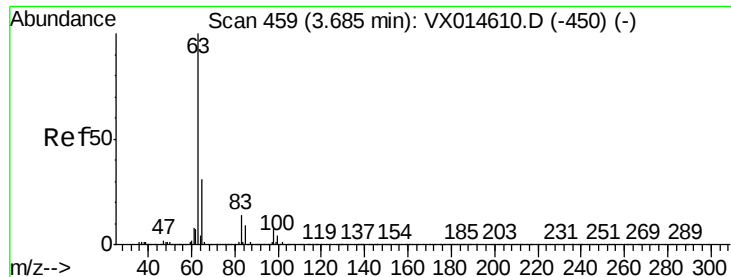
MMDadoda
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#20
Diisopropyl ether
Concen: 4.690 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	91.8	55.9	83.9#	
87	24.8	22.2	33.2	
59	10.5	8.6	13.0	





#21

1,1-Dichloroethane

Concen: 4.870 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

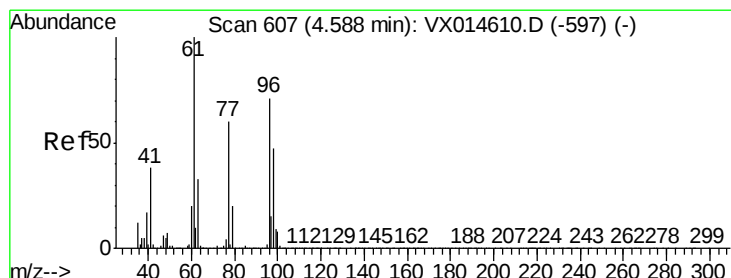
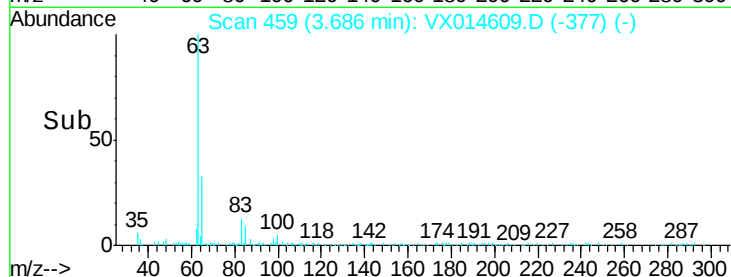
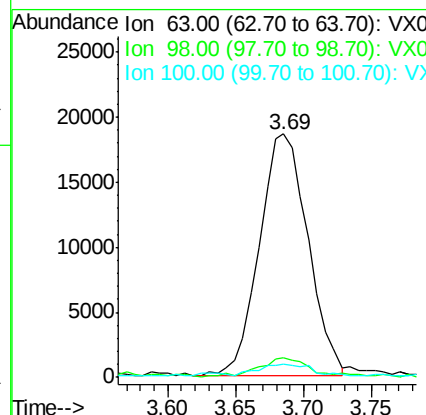
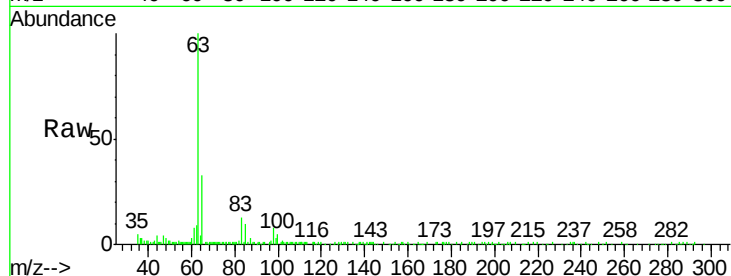
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	46355
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	5.1	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 4.734 ug/l

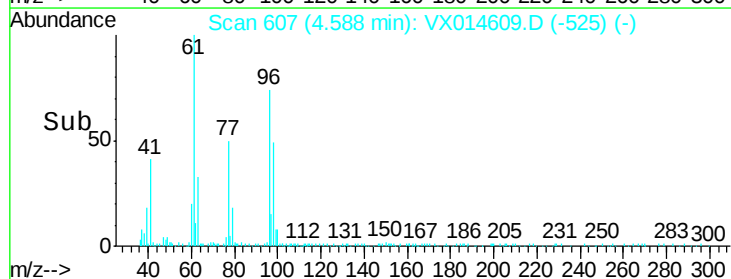
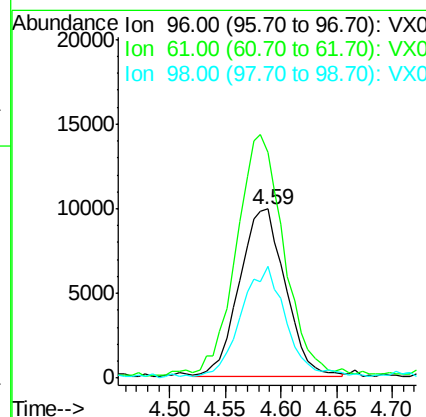
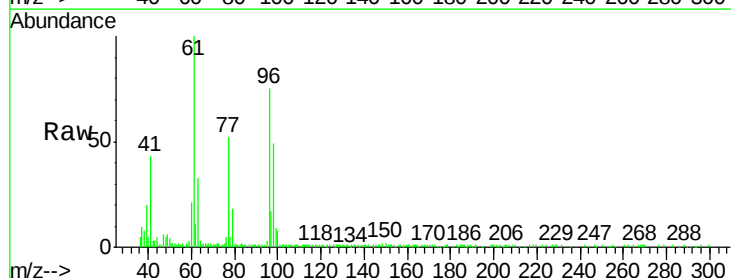
RT: 4.59 min Scan# 607

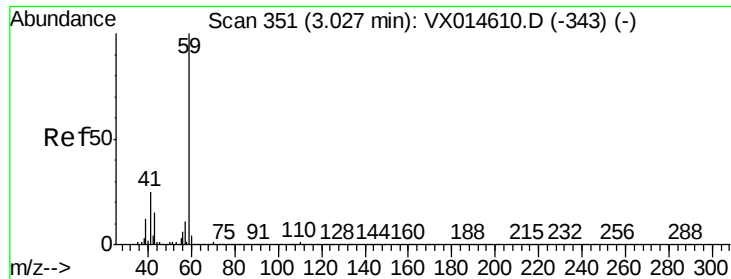
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	96	Resp:	28588
Ion	Ratio	Lower	Upper
96	100		
61	146.4	112.4	168.6
98	62.2	50.3	75.5





#23

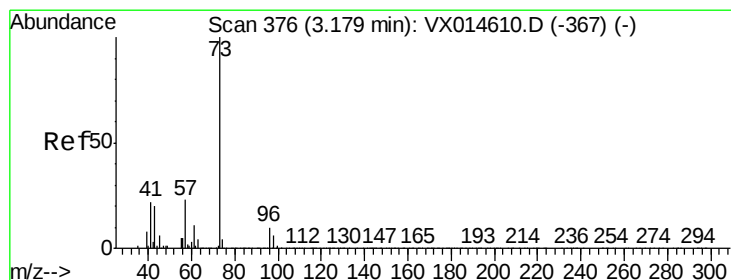
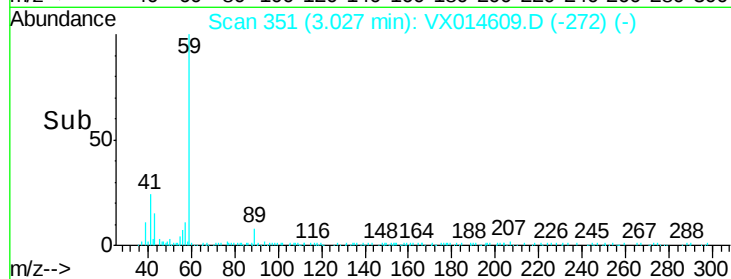
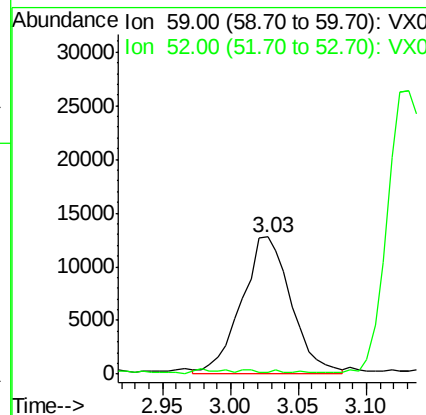
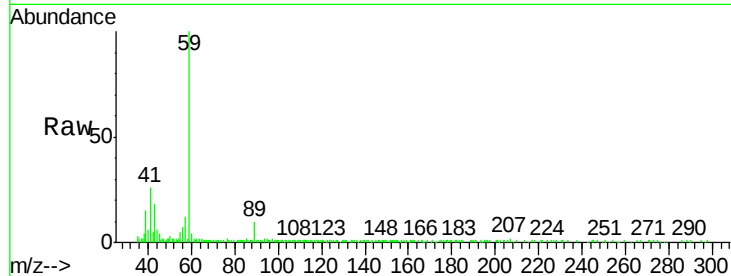
tert-Butyl Alcohol
 Concen: 28.534 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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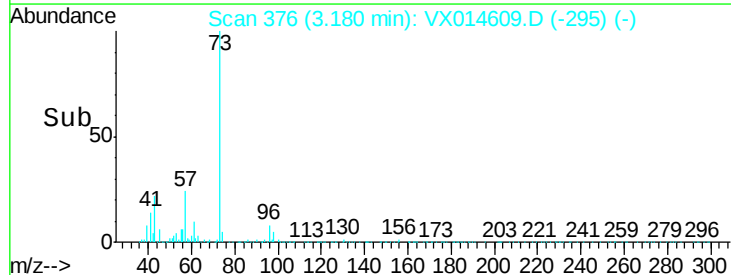
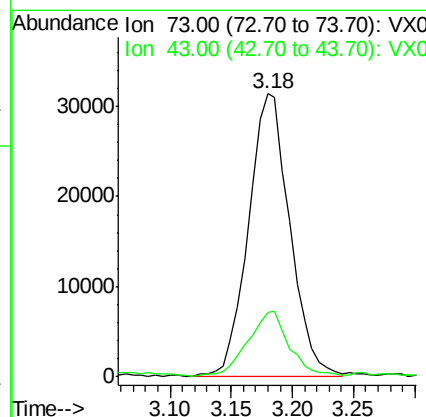
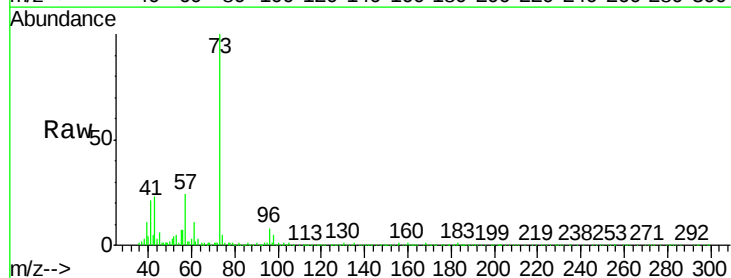
MMDadoda
 1/16/2020 9:41:53 AM

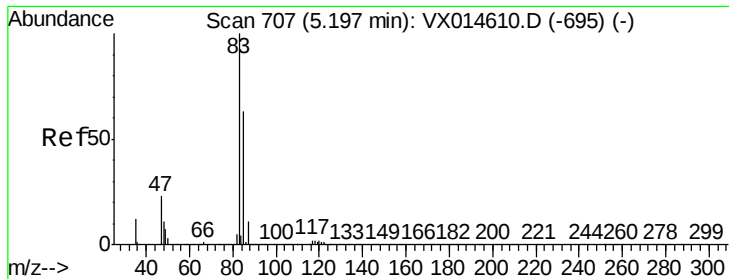


#24

Methyl tert-Butyl Ether
 Concen: 4.617 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.9	16.6	25.0





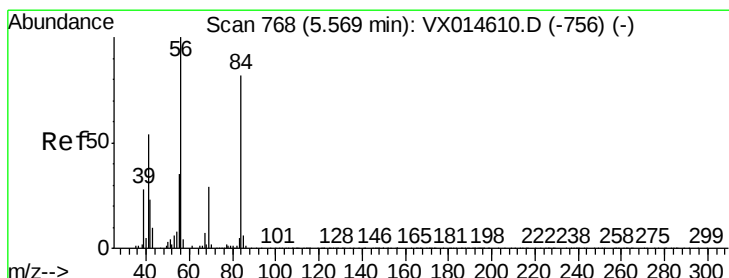
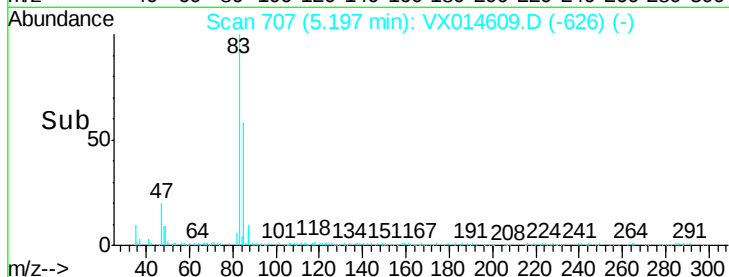
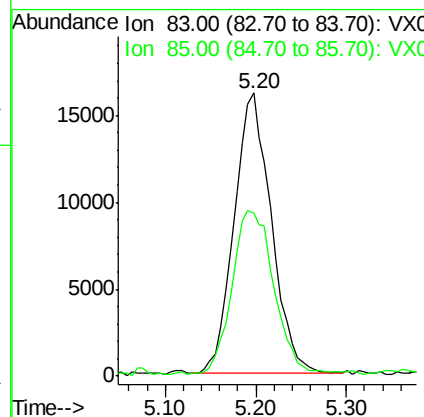
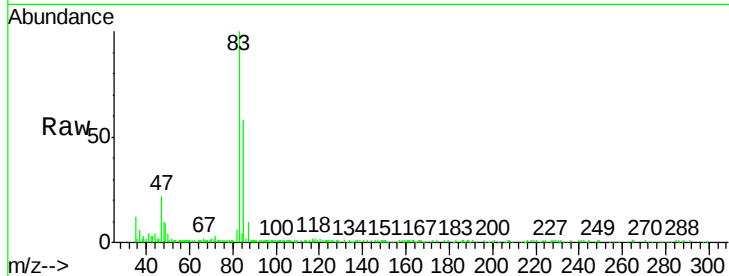
#25
Chloroform
Concen: 5.055 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	57.0	52.7	79.1

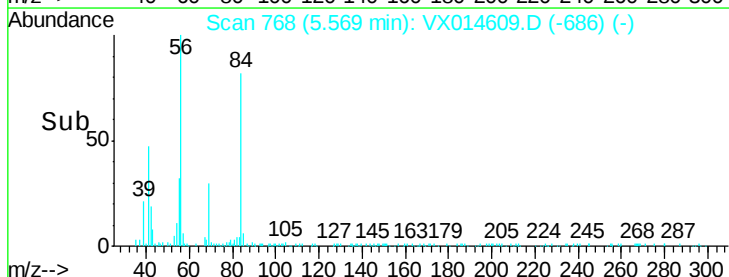
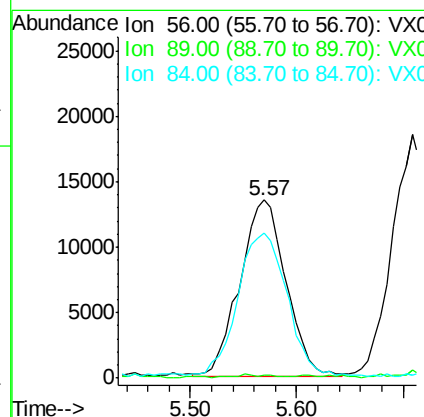
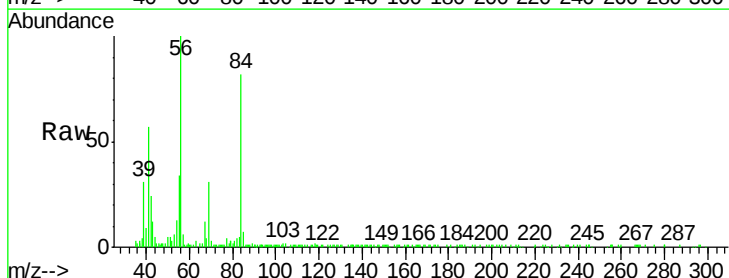
Manual Integrations
APPROVED

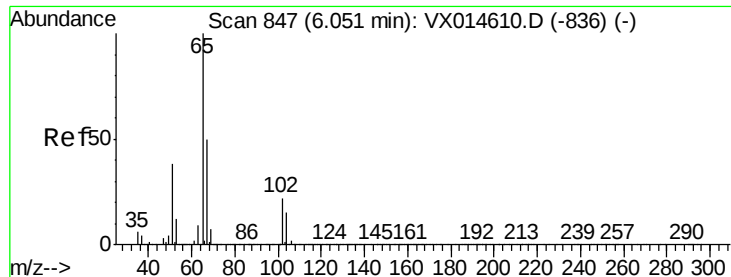
MMDadoda
1/16/2020 9:41:53 AM



#26
Cyclohexane
Concen: 4.848 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.4	0.1	0.1#
84	85.5	70.8	106.2





#27

1,2-Dichloroethane-d4

Concen: 29.648 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 180365

Ion Ratio Lower Upper

65 100

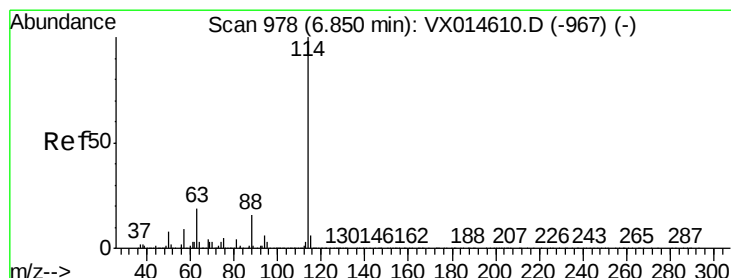
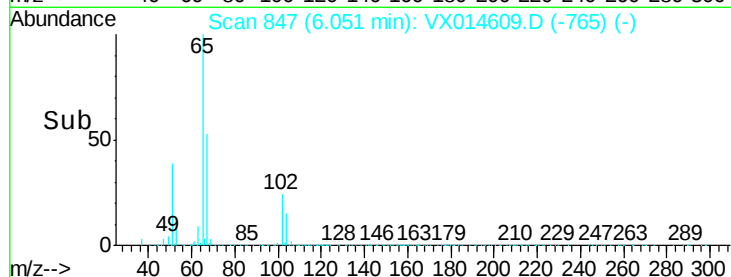
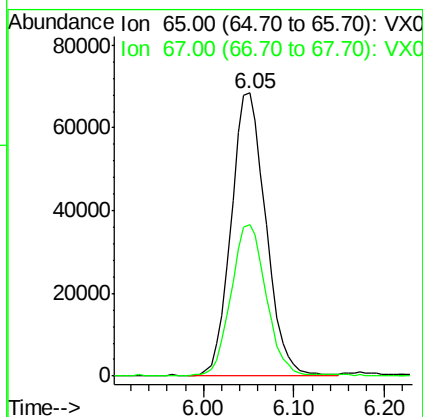
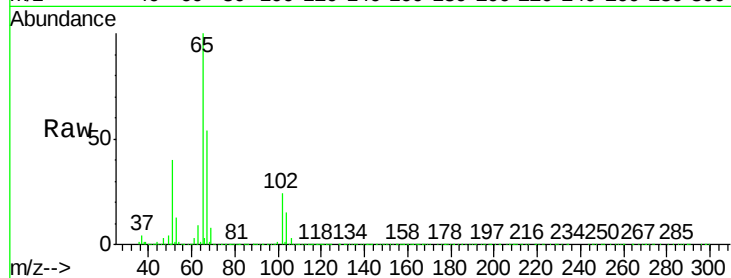
67 53.7 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

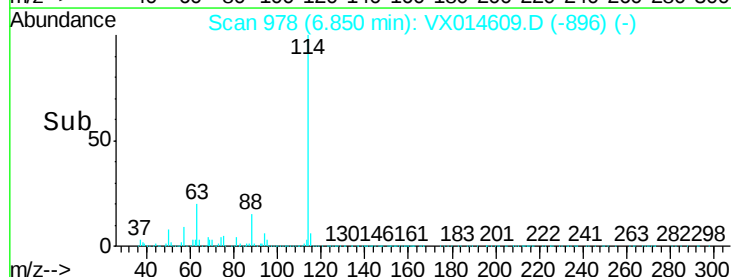
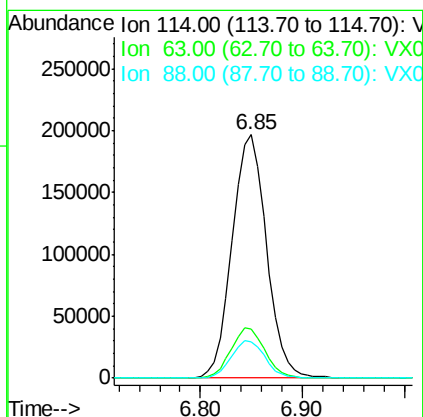
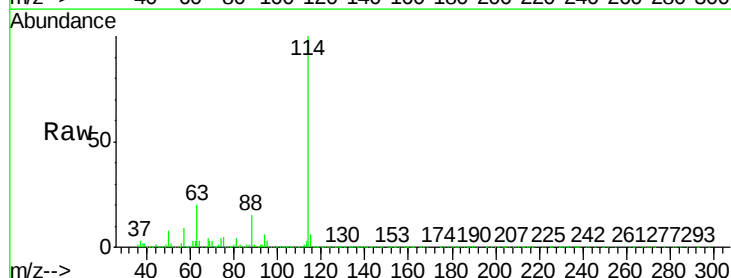
Tgt Ion: 114 Resp: 458907

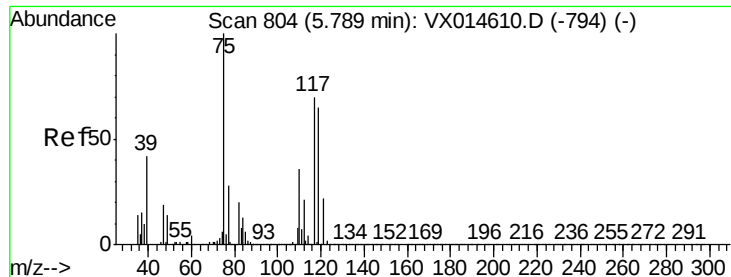
Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 15.4 12.5 18.7





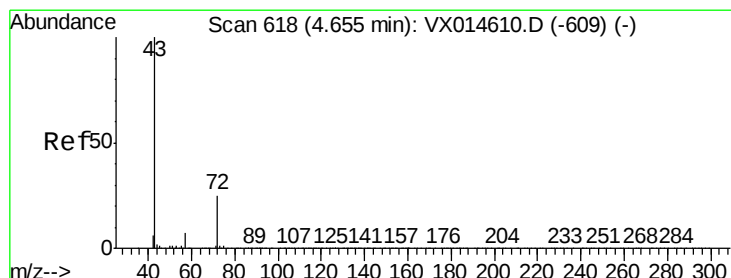
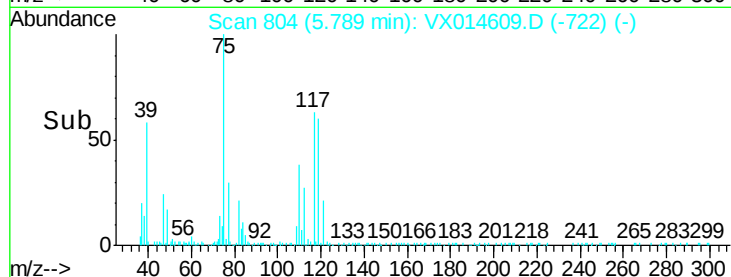
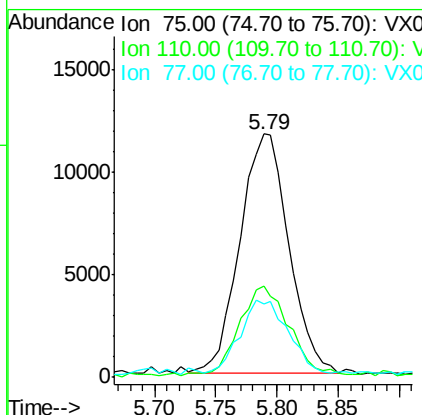
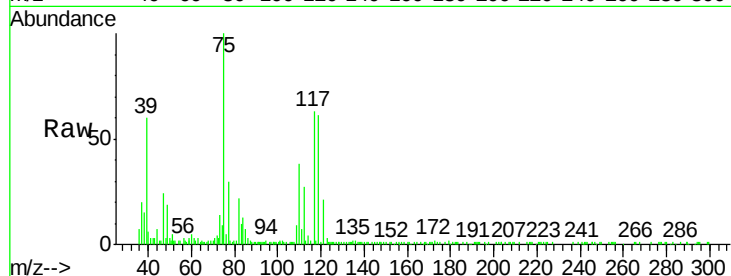
#29
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.2	0.0	73.8
77	31.4	0.0	62.4

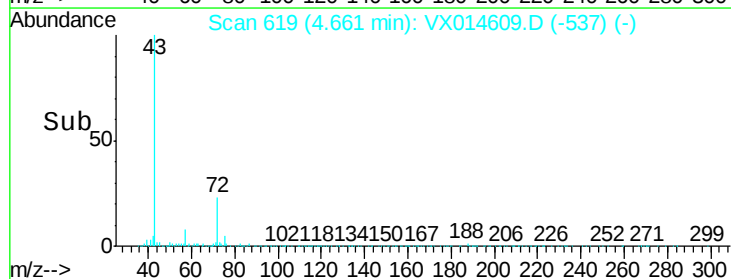
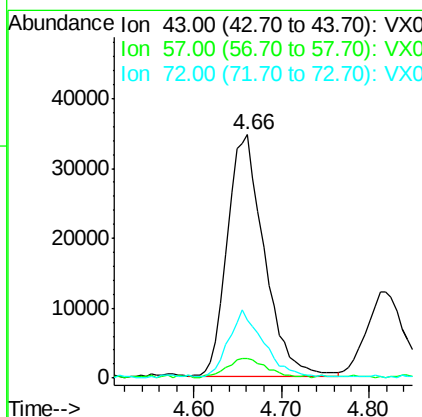
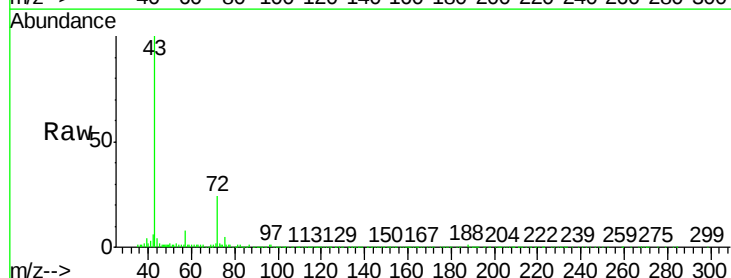
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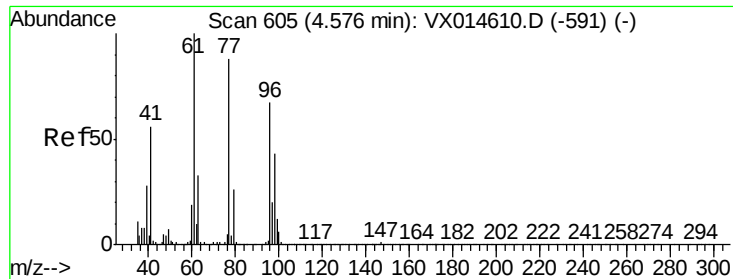
MMDadoda
 1/16/2020 9:41:53 AM



#30
 2-Butanone
 Concen: 25.917 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.3	6.2	9.2
72	25.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 5.868 ug/l m

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 35978

Ion Ratio Lower Upper

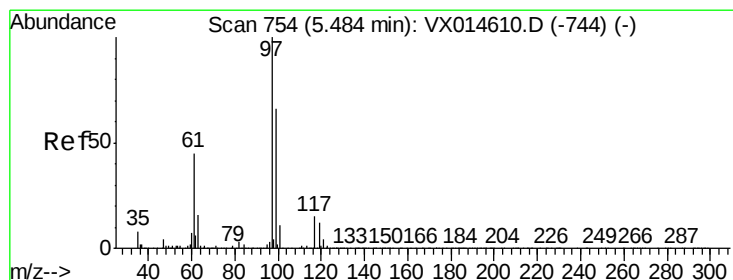
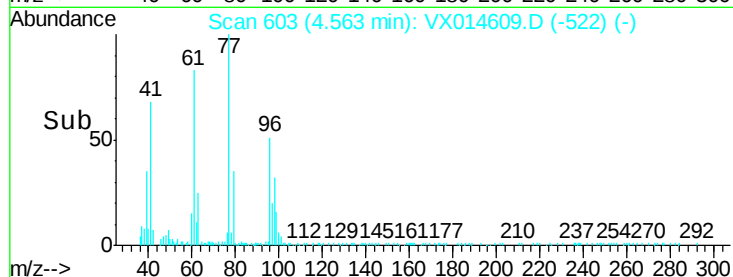
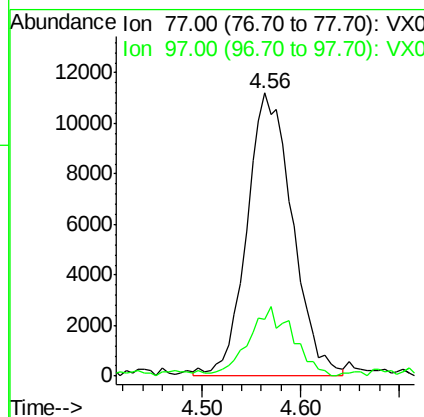
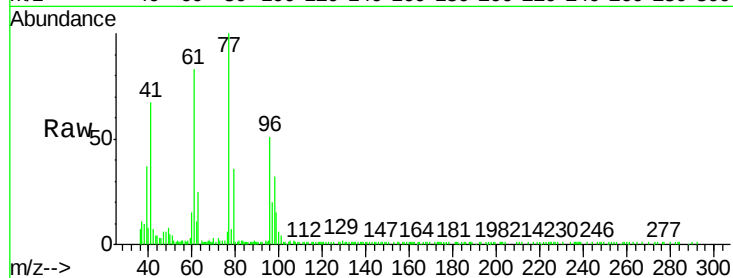
77 100

97 0.2 19.7 29.5#

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#32

1,1,1-Trichloroethane

Concen: 5.136 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

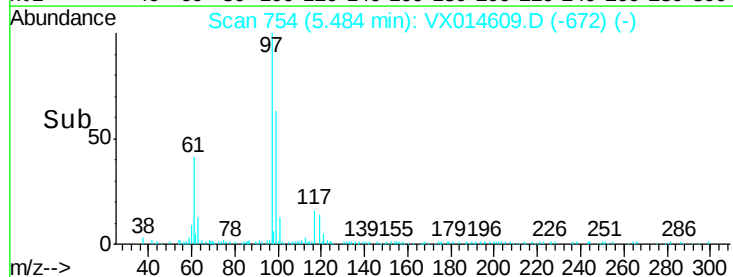
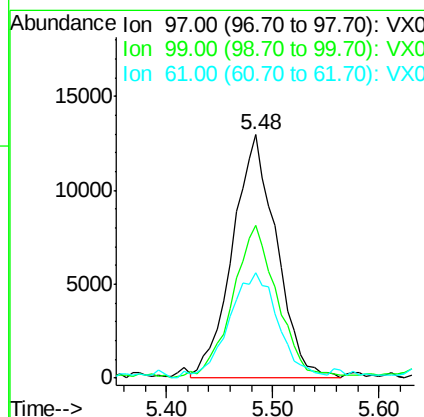
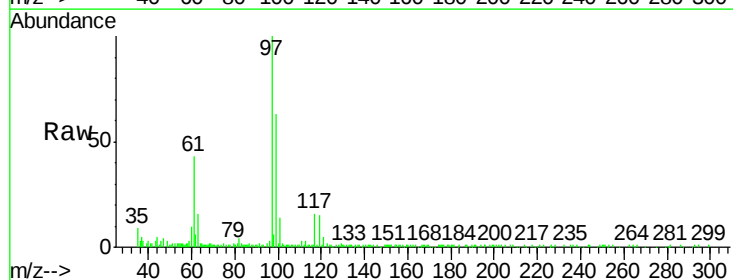
Tgt Ion: 97 Resp: 37660

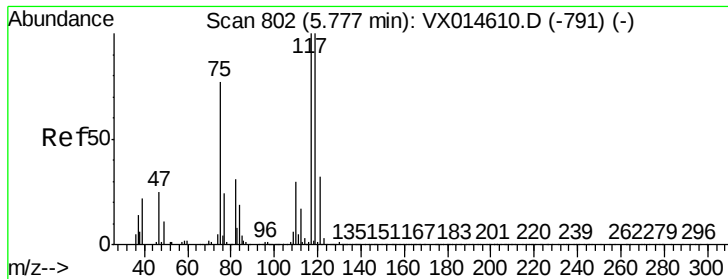
Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 44.3 36.8 55.2





#33

Carbon Tetrachloride

Concen: 5.037 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

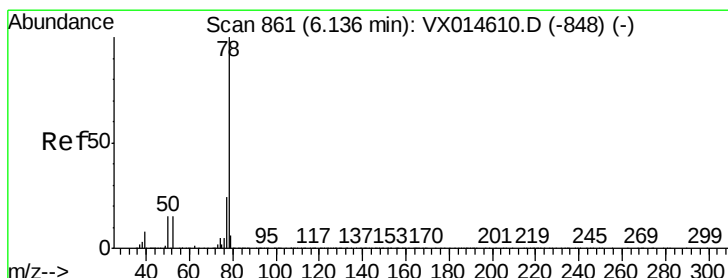
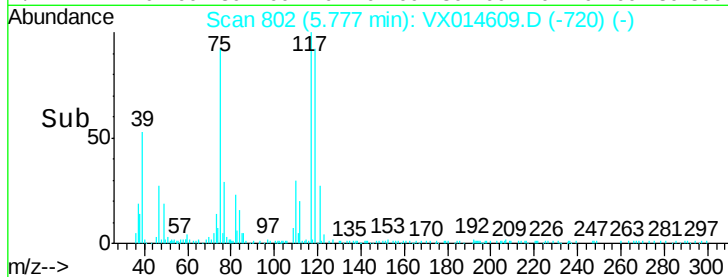
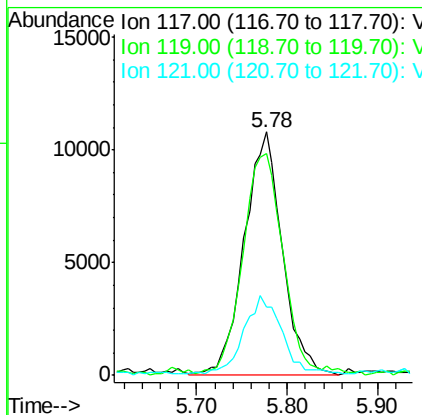
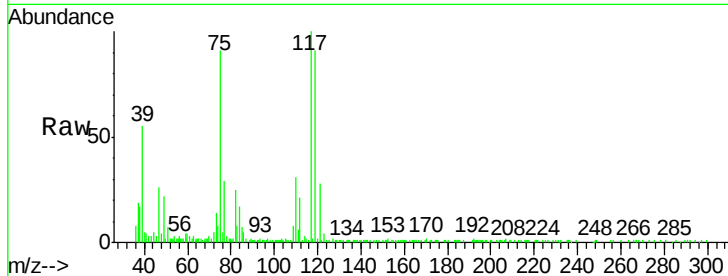
ClientSampleId :

VSTDIC005

Tot Ion:	117	Resp:	31391
Ion Ratio	Lower	Upper	
117	100		
119	88.9	77.2	115.8
121	26.8	24.8	37.2

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#34

Benzene

Concen: 4.995 ug/l

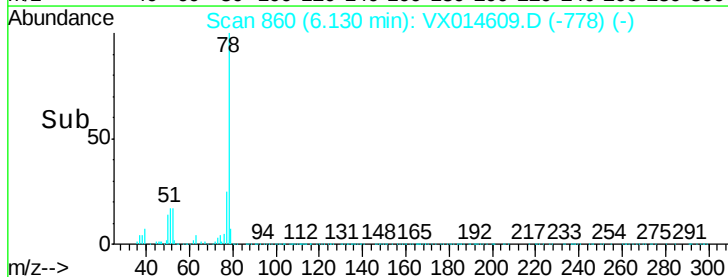
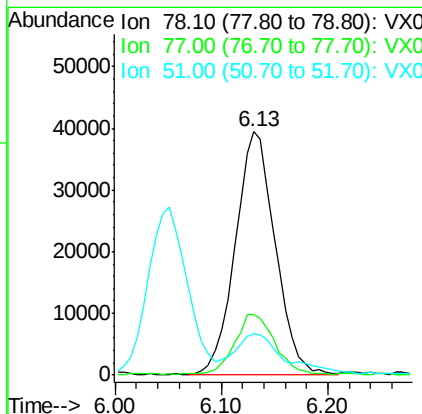
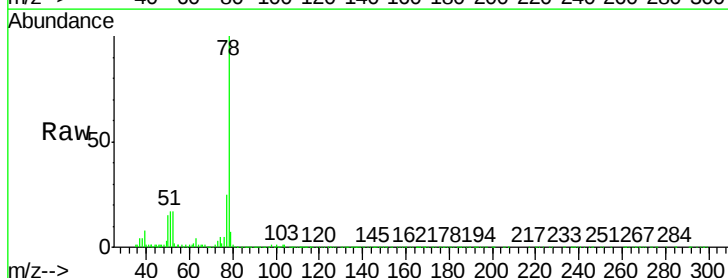
RT: 6.13 min Scan# 860

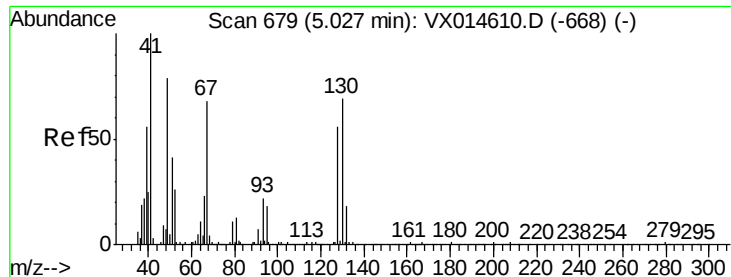
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	78	Resp:	103245
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.2	27.2
51	15.3	12.4	18.6





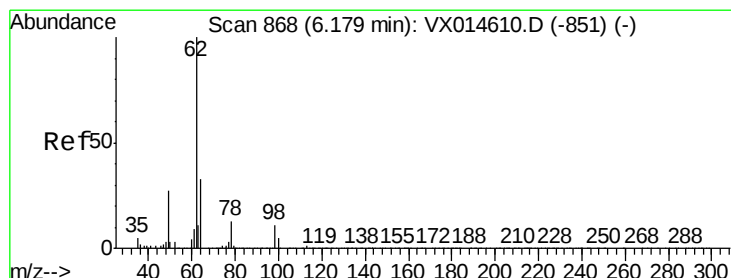
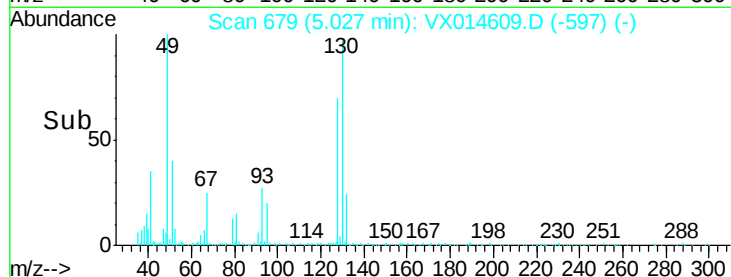
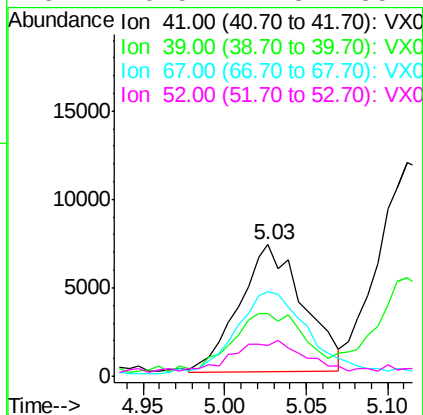
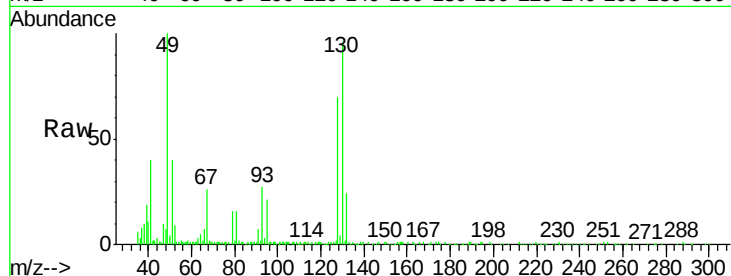
#35
Methacrylonitrile
Concen: 4.694 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	19724
Ion Ratio	Lower	Upper	
41	100		
39	44.0	26.7	80.1
67	63.9	31.5	94.5
52	16.5	12.8	38.4

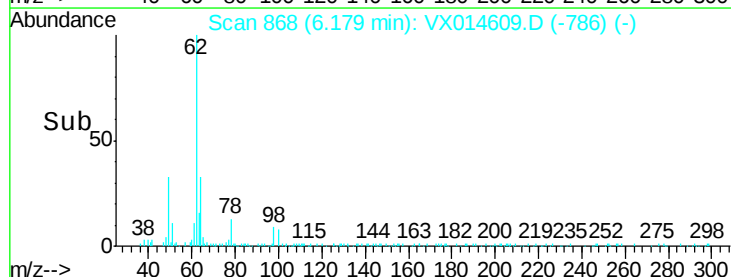
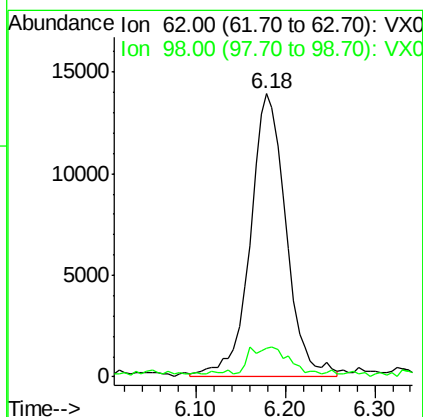
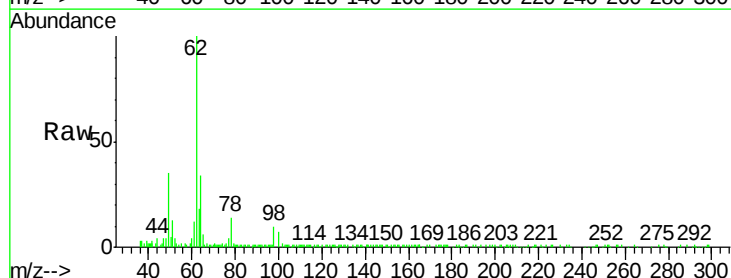
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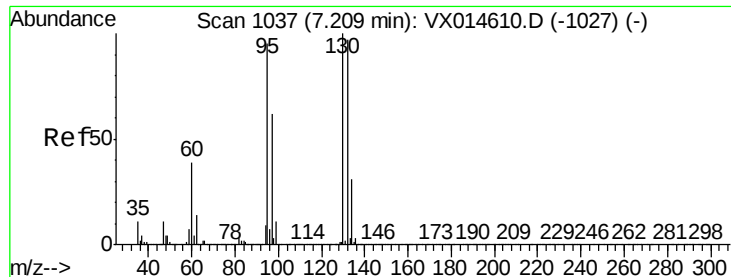
MMDadoda
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#36
1,2-Dichloroethane
Concen: 5.411 ug/l m
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:	62	Resp:	38853
Ion Ratio	Lower	Upper	
62	100		
98	0.1	8.4	12.6#





#37

Trichloroethene

Concen: 5.060 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:130 Resp: 28460

Ion Ratio Lower Upper

130 100

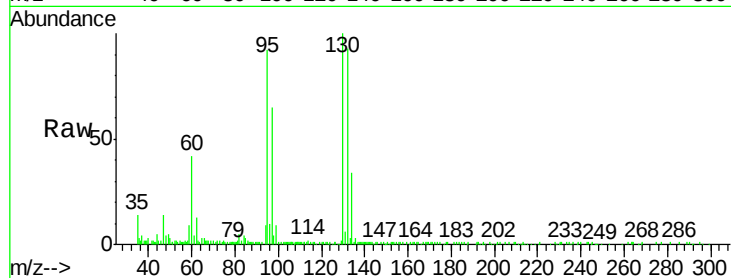
95 91.7 71.7 107.5

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

15000

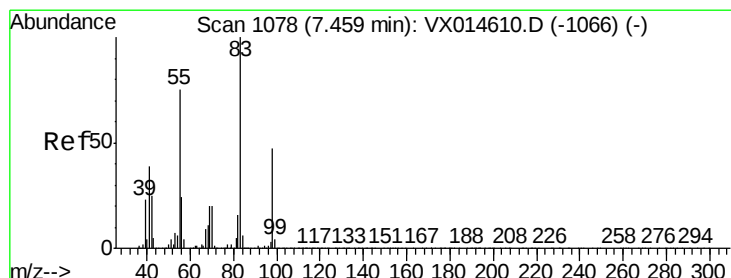
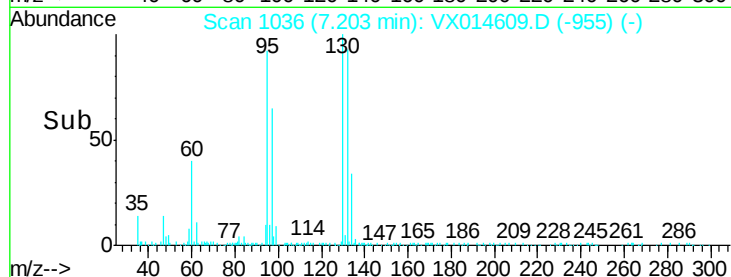
10000

5000

0

7.15 7.20 7.25

Time-->



#38

Methylcyclohexane

Concen: 4.905 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

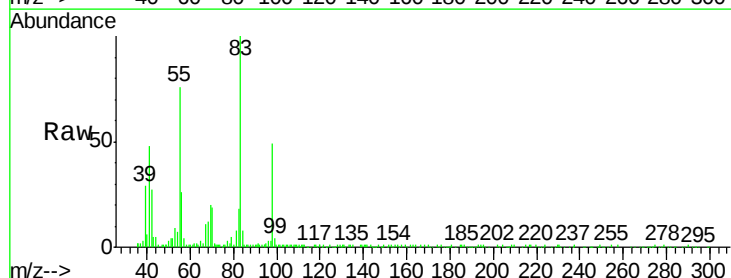
Tgt Ion: 83 Resp: 38787

Ion Ratio Lower Upper

83 100

55 79.4 39.4 118.1

98 51.3 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

25000

20000

15000

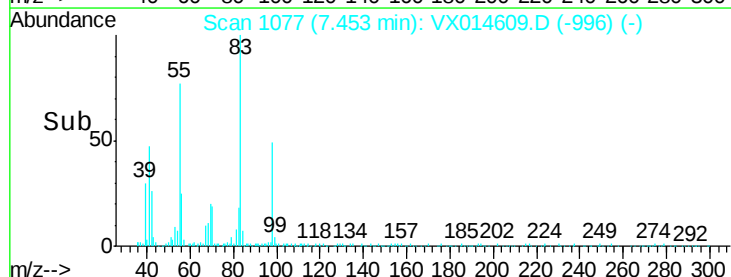
10000

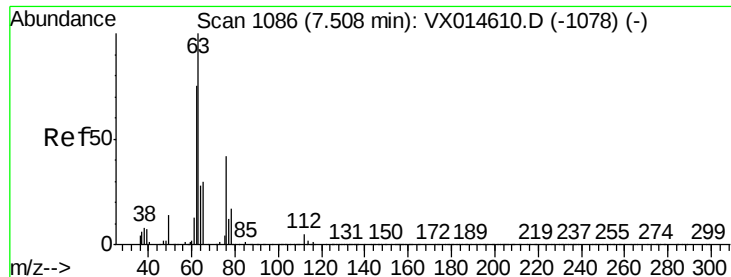
5000

0

7.35 7.40 7.45 7.50 7.55

Time-->





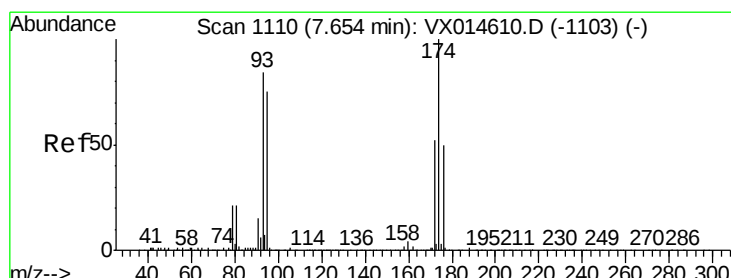
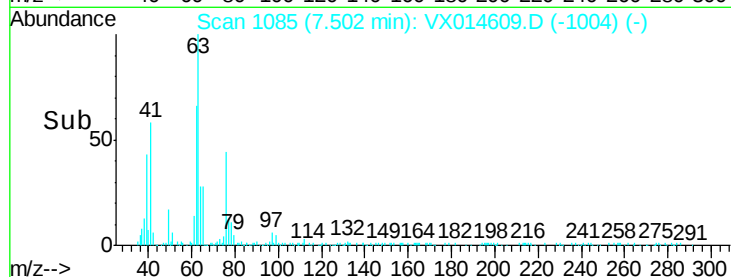
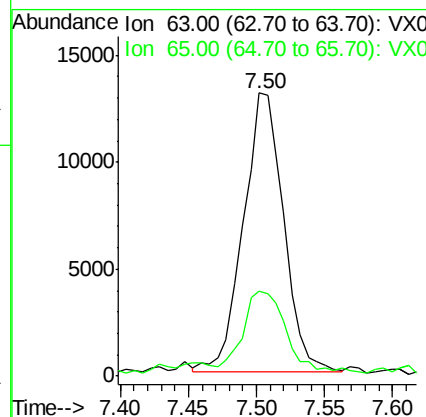
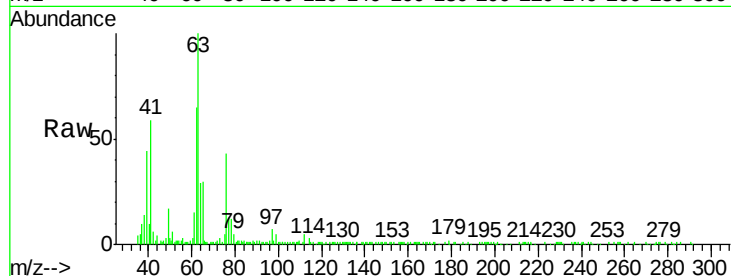
#39
 1,2-Dichloropropane
 Concen: 5.067 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.8	22.1	33.1

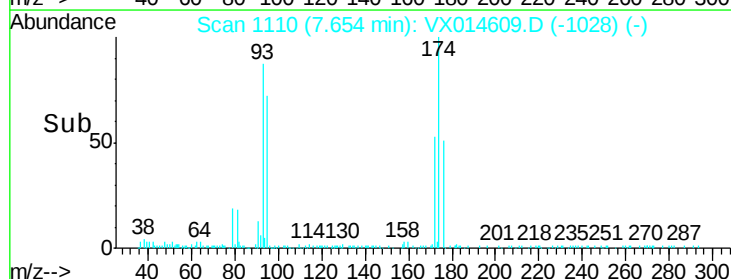
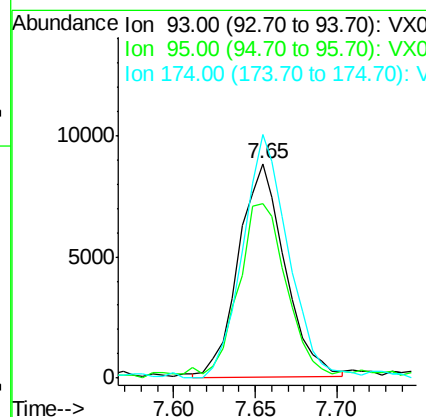
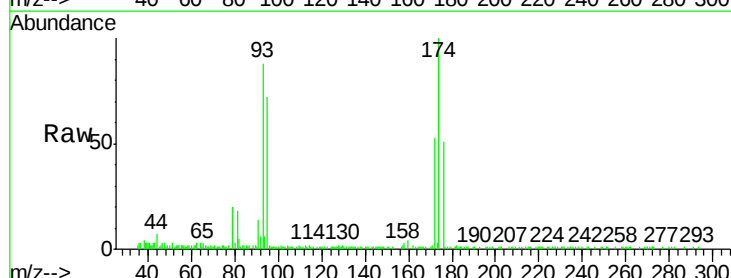
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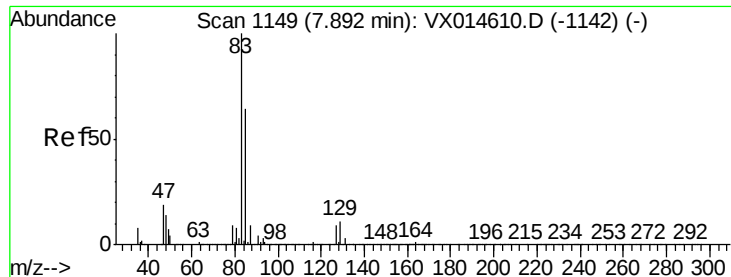
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#40
 Dibromomethane
 Concen: 5.079 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	0.0	164.4
174	112.0	0.0	228.8





#41

Bromodichloromethane

Concen: 4.911 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

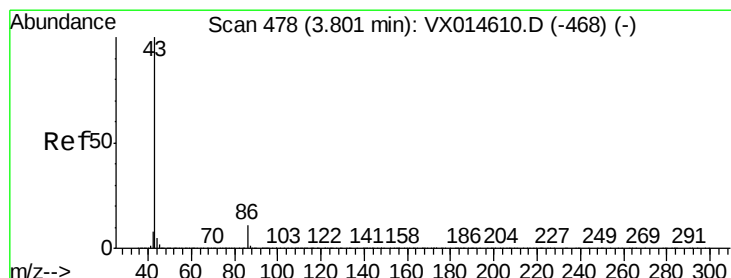
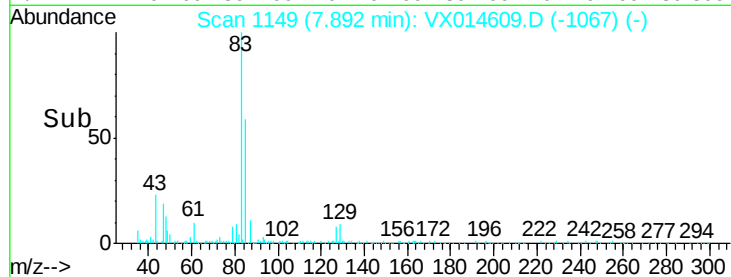
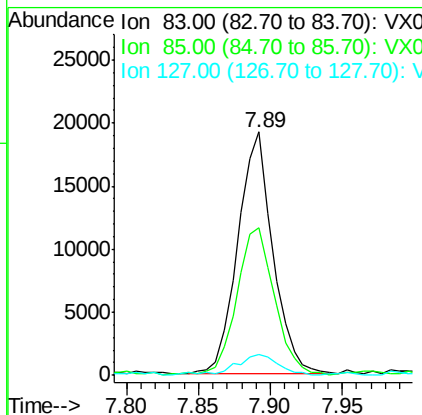
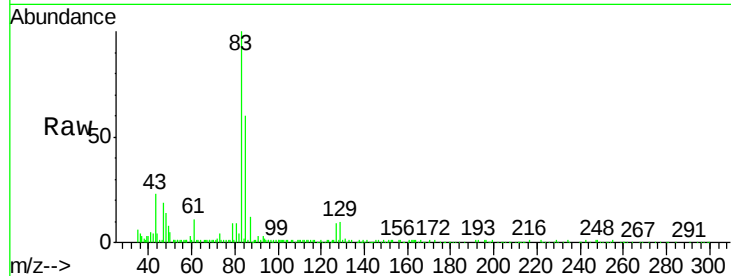
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	32608
Ion Ratio	Lower	Upper	
83	100		
85	59.7	51.6	77.4
127	8.1	6.0	9.0

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#42

Vinyl Acetate

Concen: 23.598 ug/l

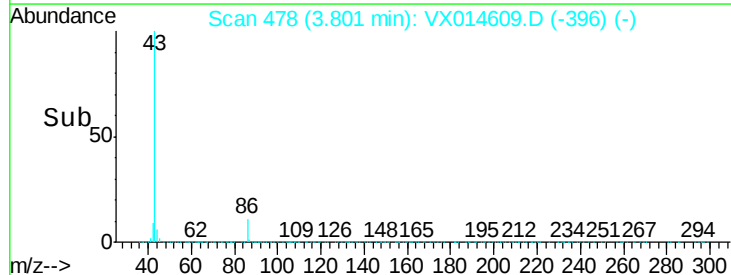
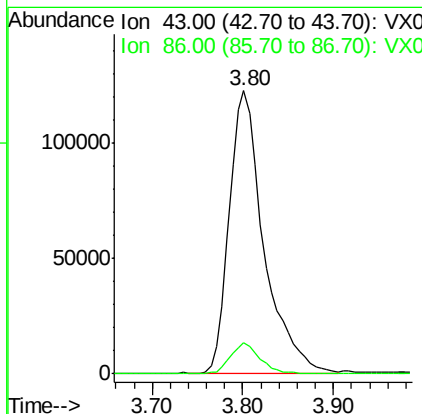
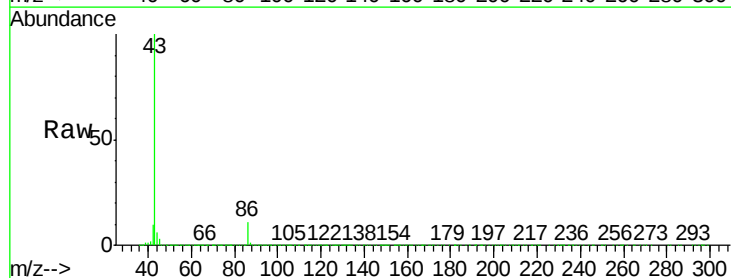
RT: 3.80 min Scan# 478

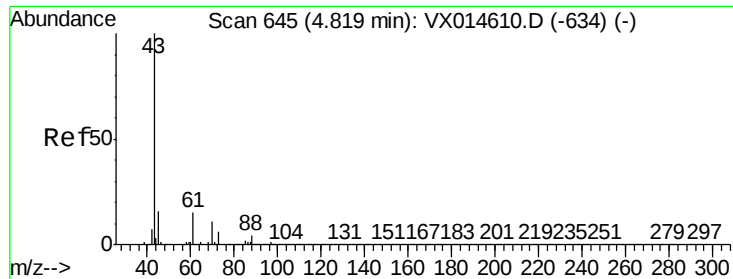
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	43	Resp:	325522
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.7	11.5





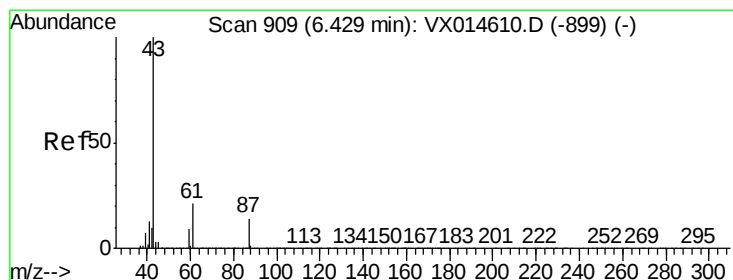
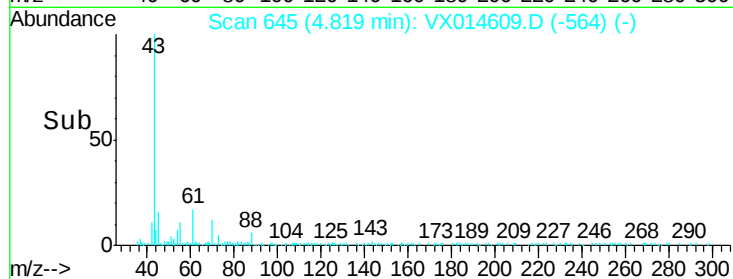
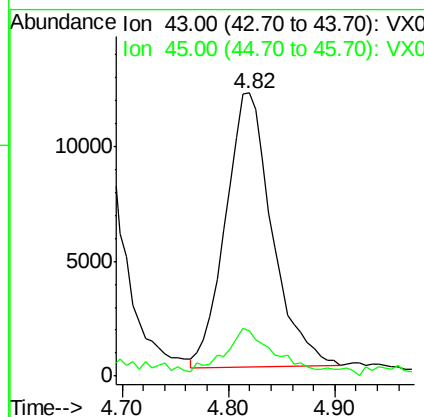
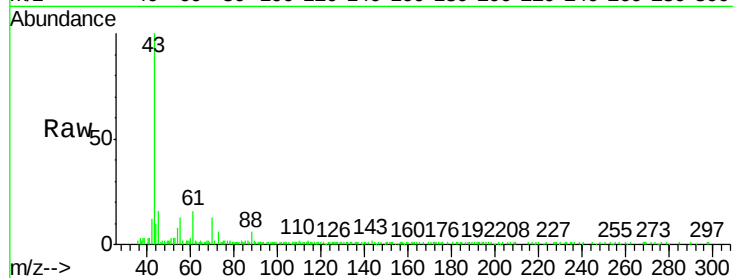
#43
Ethyl Acetate
Concen: 4.876 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
45	13.6	11.8	17.8

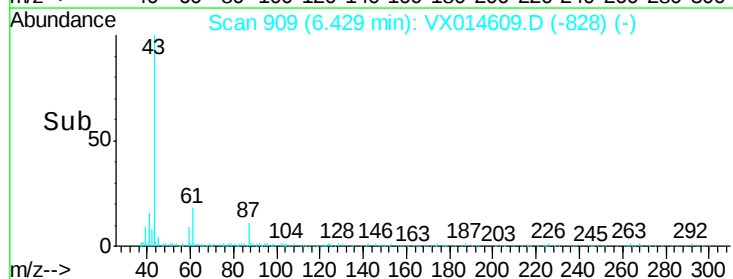
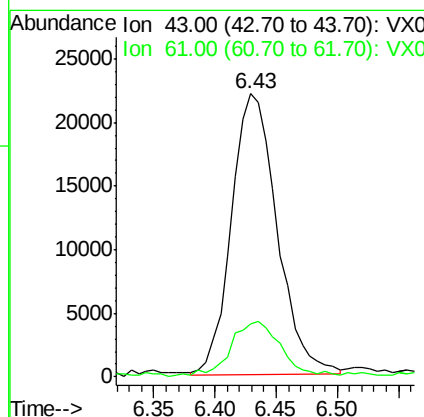
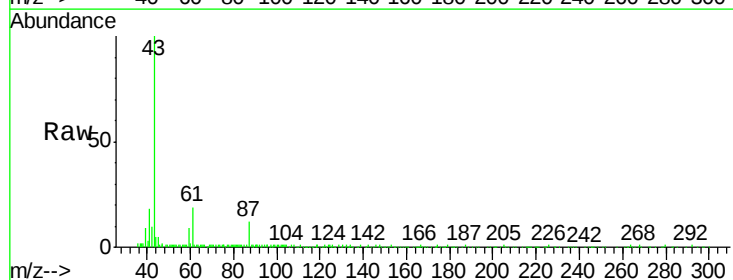
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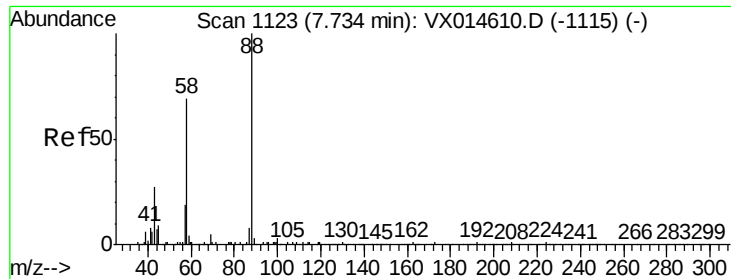
MMDadoda
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#44
Isopropyl Acetate
Concen: 4.572 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.9	23.9





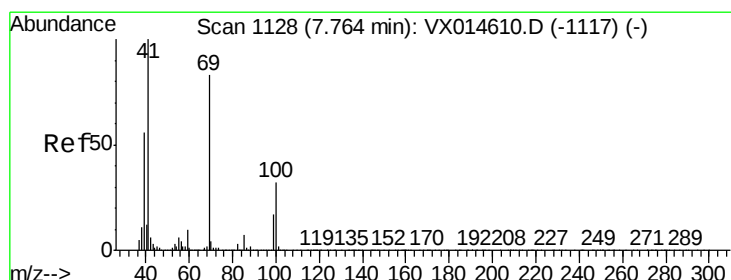
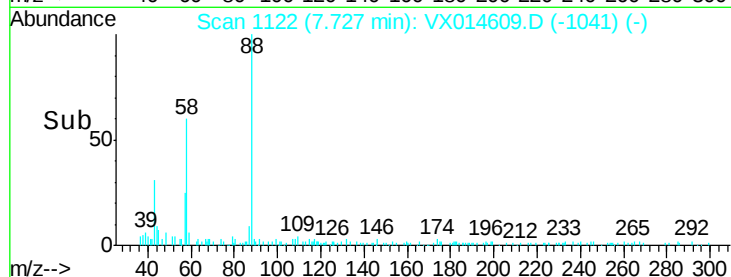
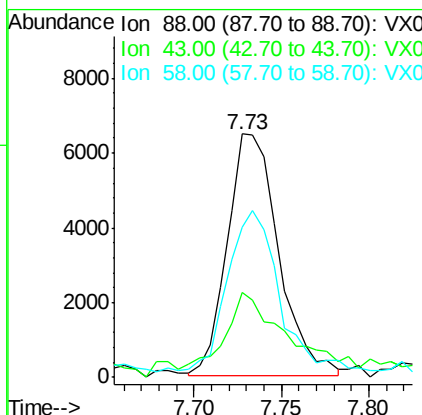
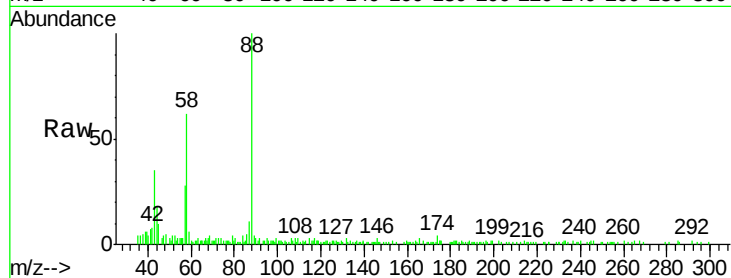
#45
1,4-Dioxane
Concen: 112.350 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	88	Resp:	13211
Ion	Ratio	Lower	Upper
88	100		
43	36.0	25.4	38.2
58	65.4	56.5	84.7

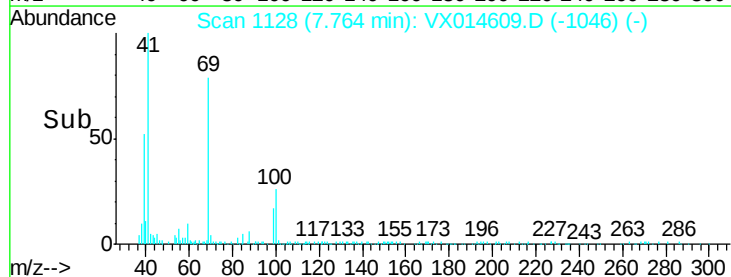
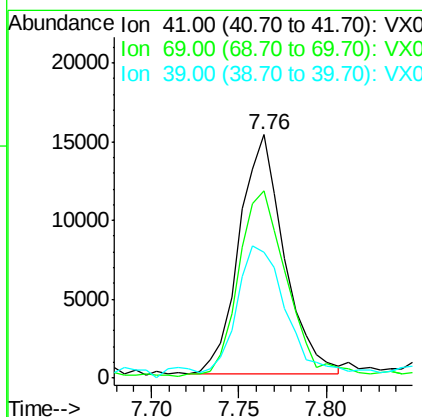
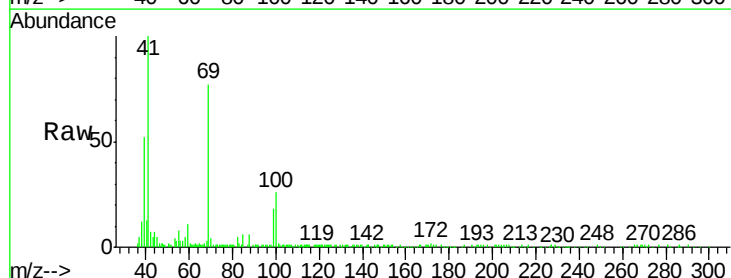
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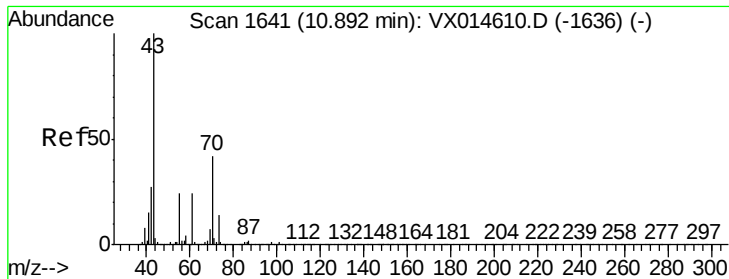
MMDadoda
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#46
Methyl methacrylate
Concen: 4.440 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:	41	Resp:	27078
Ion	Ratio	Lower	Upper
41	100		
69	76.5	40.6	122.0
39	49.1	27.8	83.3





#47

n-amvl Acetate

Concen: 3.800 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 42431

Ion Ratio Lower Upper

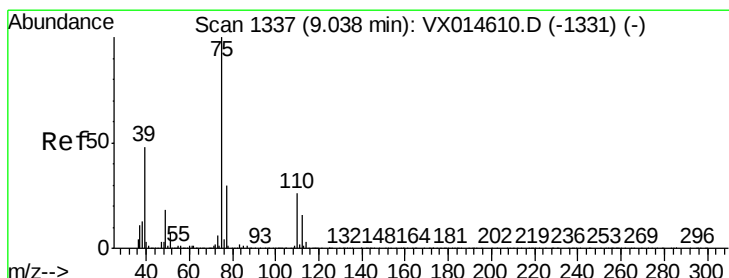
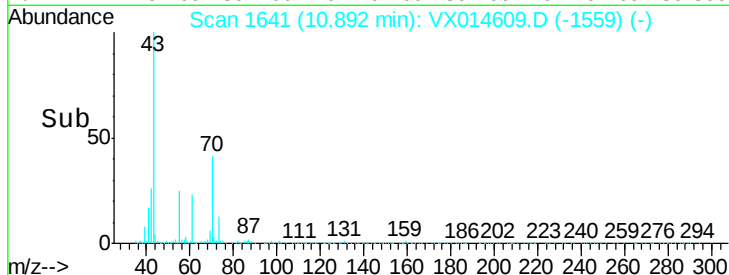
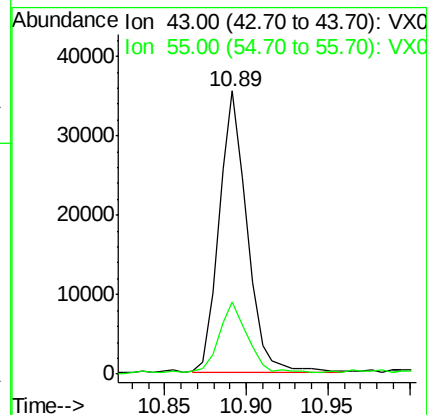
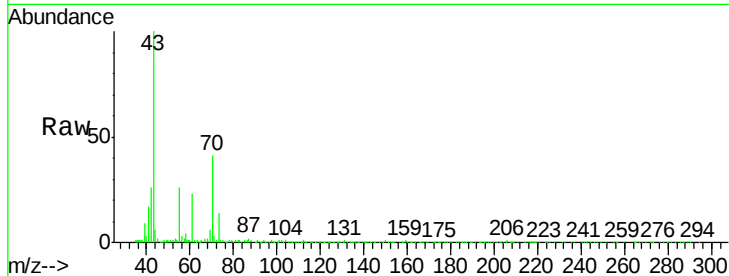
43 100

55 24.9 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 4.268 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014609.D

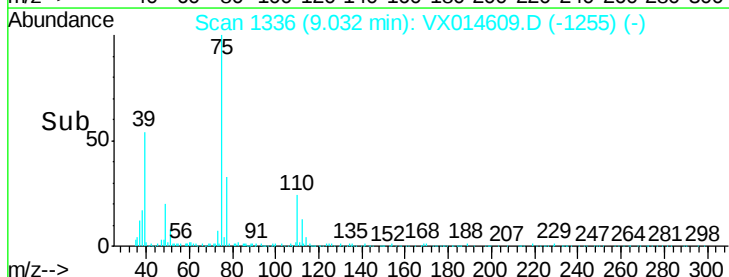
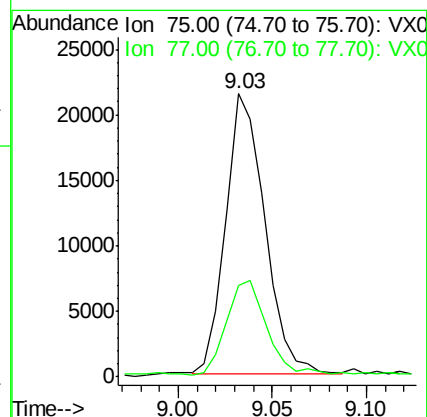
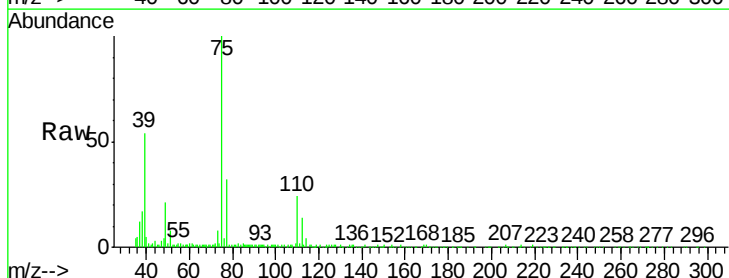
Acq: 15 Jan 2020 10:47

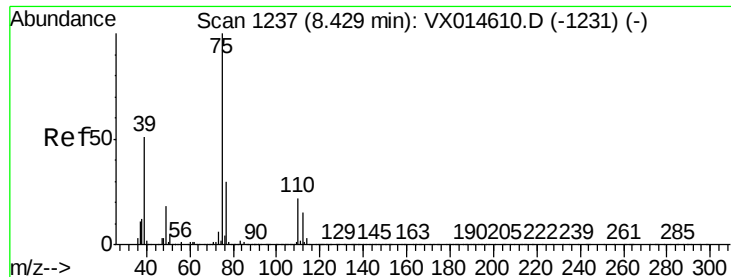
Tgt Ion: 75 Resp: 30929

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0





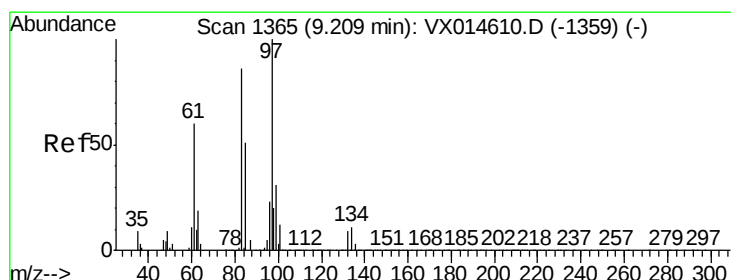
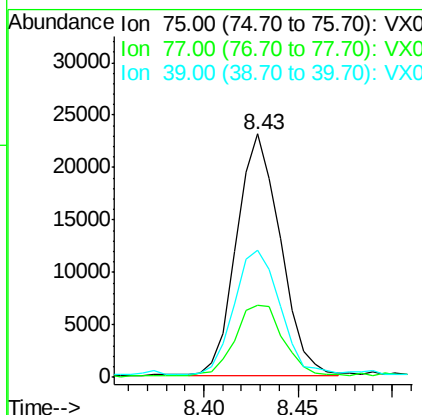
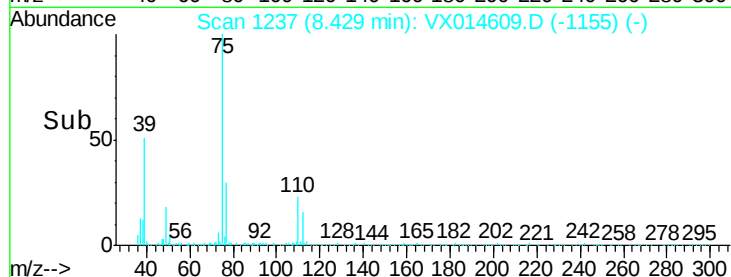
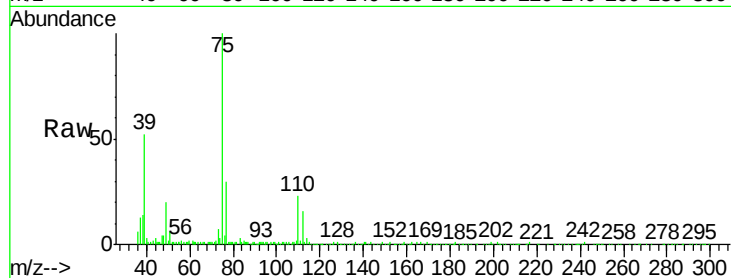
#49
 cis-1,3-Dichloropropene
 Concen: 4.558 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	75	Resp:	37148
Ion Ratio	Lower	Upper	
75	100		
77	29.2	24.8	37.2
39	51.3	41.1	61.7

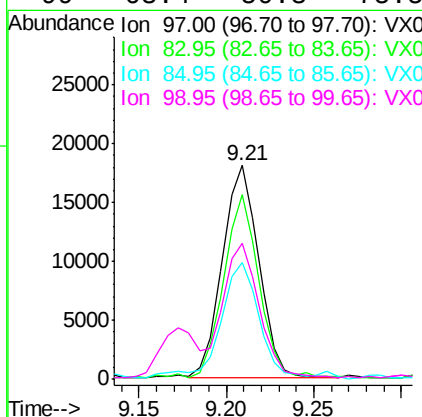
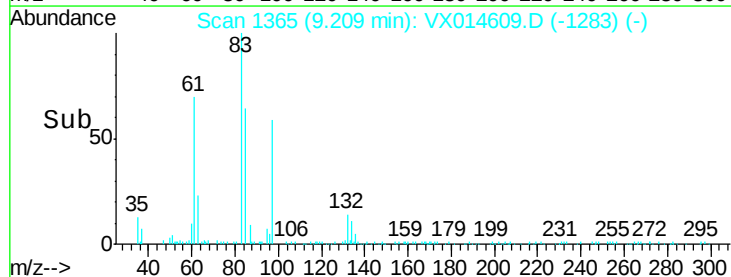
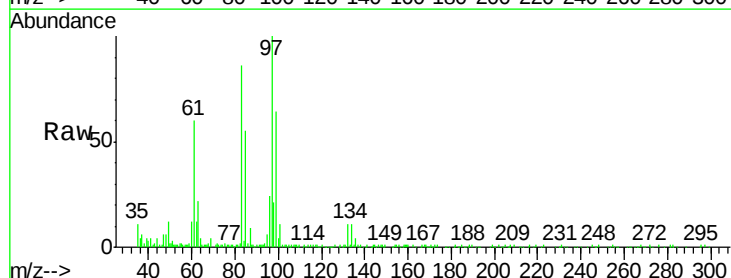
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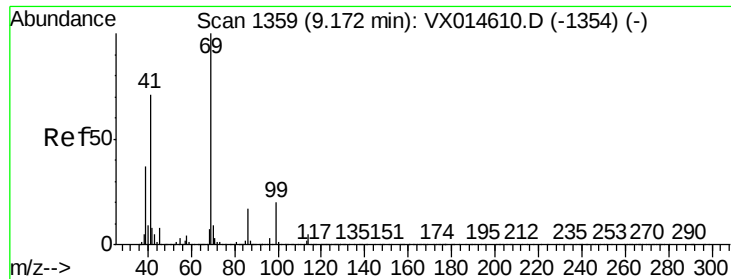
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#50
 1,1,2-Trichloroethane
 Concen: 4.973 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion:	97	Resp:	26319
Ion Ratio	Lower	Upper	
97	100		
83	86.2	68.1	102.1
85	53.8	42.7	64.1
99	63.4	50.3	75.5





#51

Ethyl methacrylate

Concen: 4.305 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

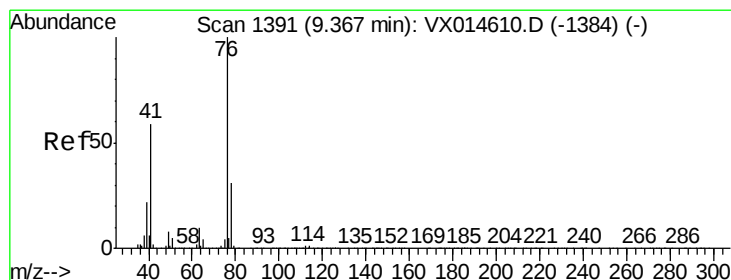
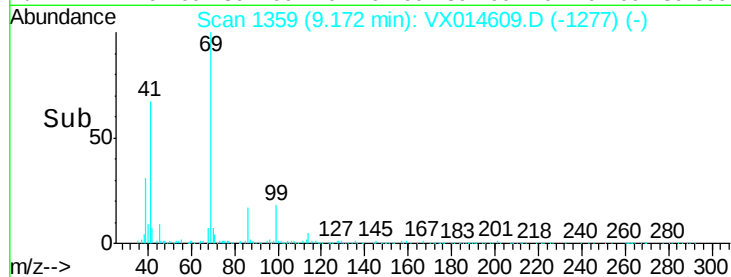
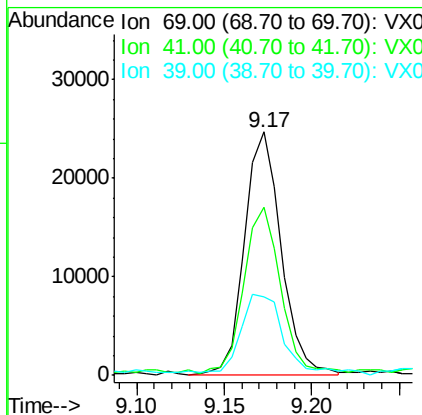
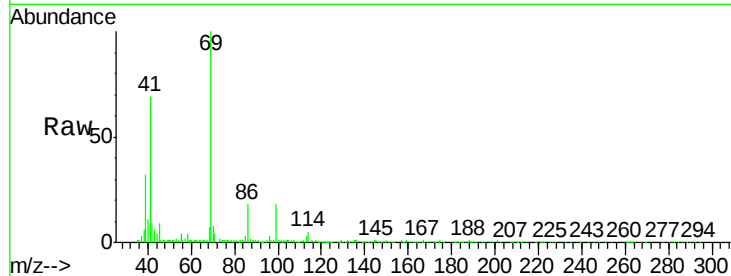
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	36240
Ion	Ratio	Lower	Upper
69	100		
41	67.1	35.4	106.1
39	30.9	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 4.991 ug/l

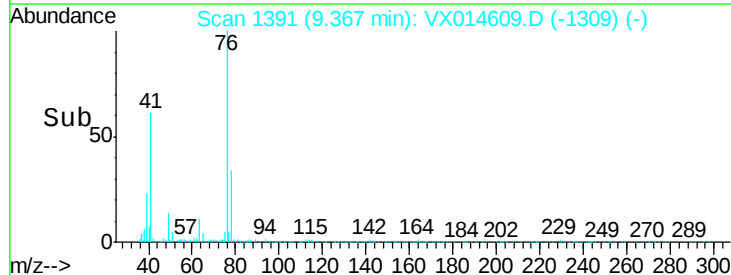
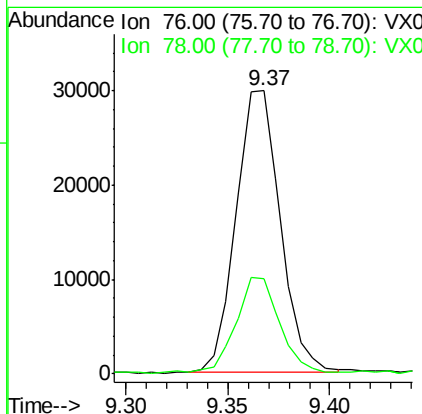
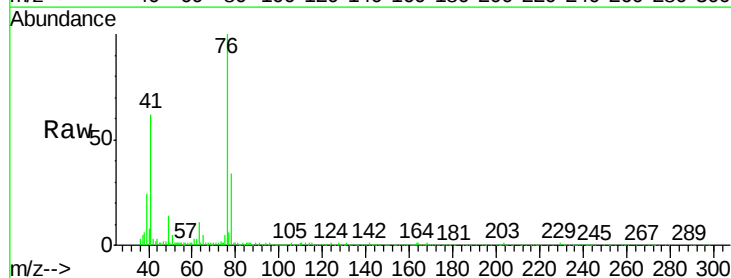
RT: 9.37 min Scan# 1391

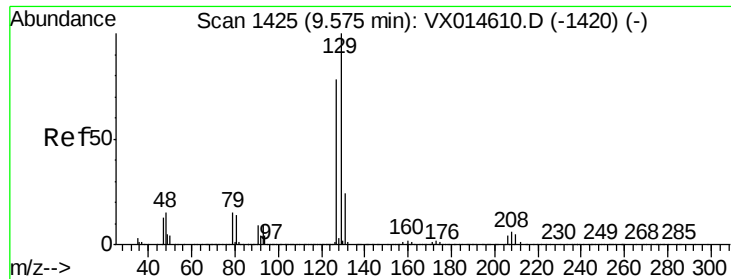
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	76	Resp:	44883
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	63.4





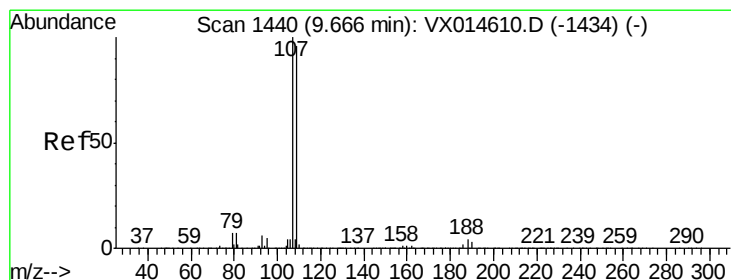
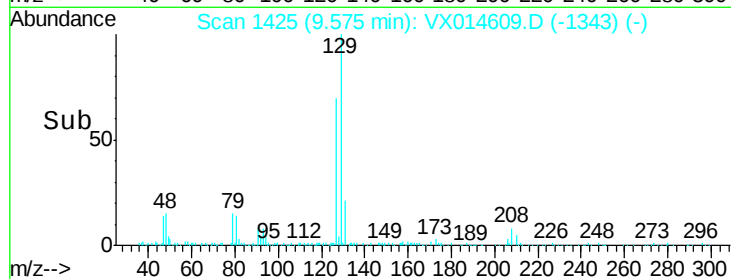
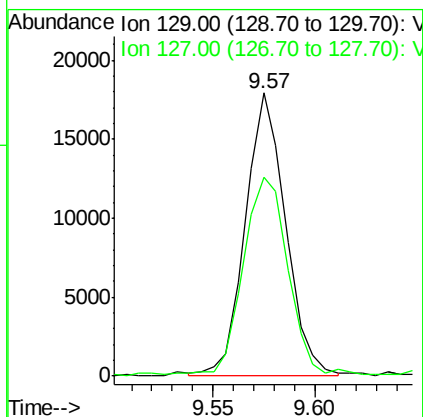
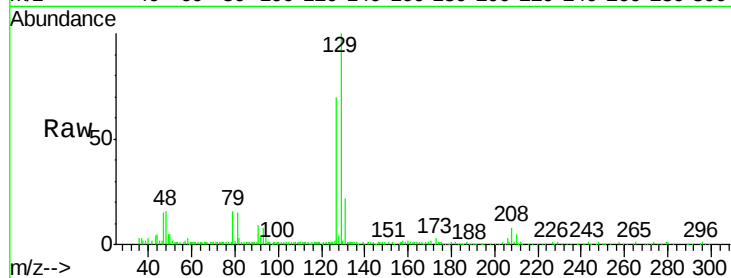
#53
 Dibromochloromethane
 Concen: 4.637 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.5

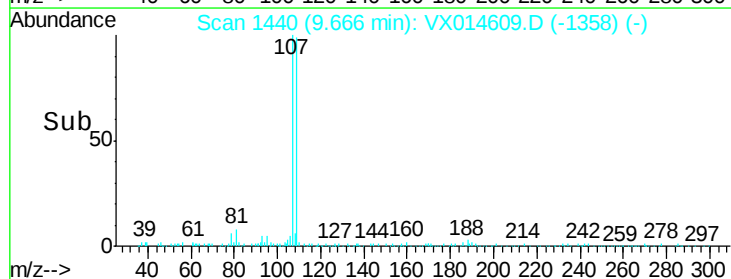
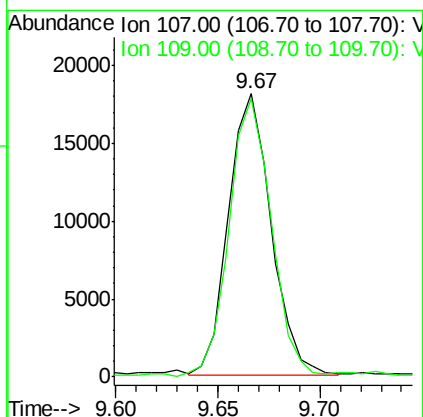
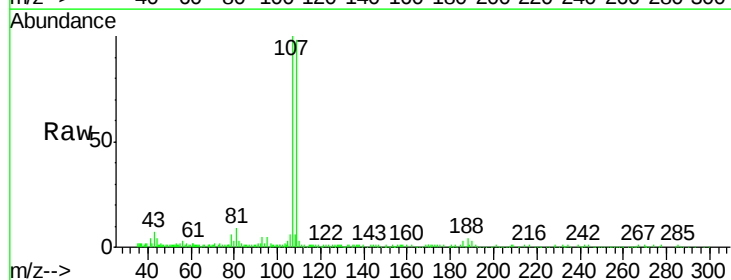
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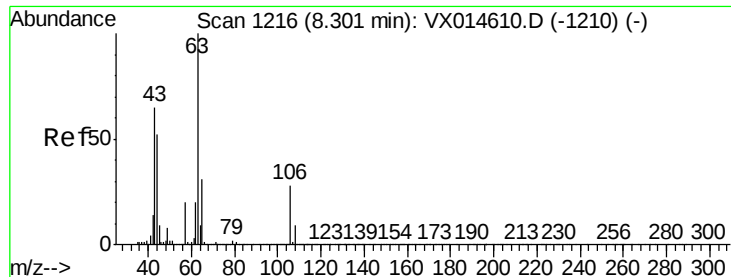
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#54
 1,2-Dibromoethane
 Concen: 4.806 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
109	98.1	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 25.684 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

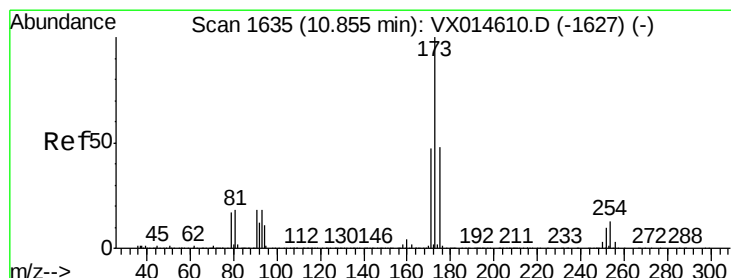
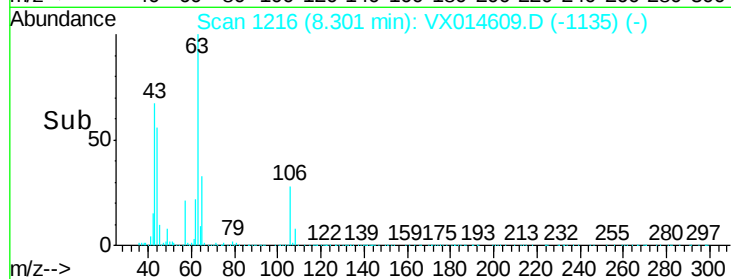
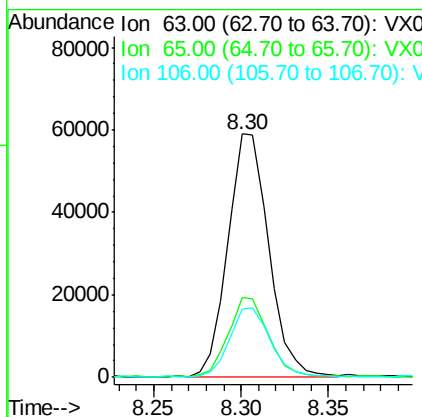
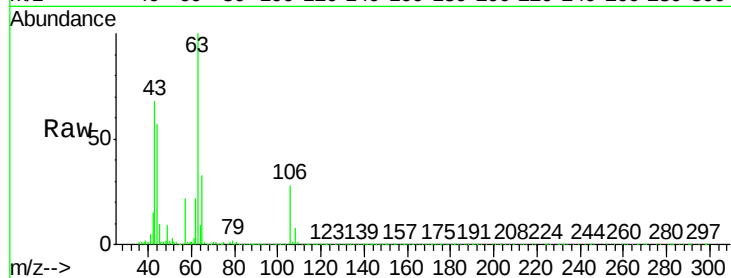
ClientSampleId :

VSTDIC005

Tot Ion:	63	Resp:	95317
Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.6
106	28.2	22.9	34.3

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#56

Bromoform

Concen: 4.180 ug/l

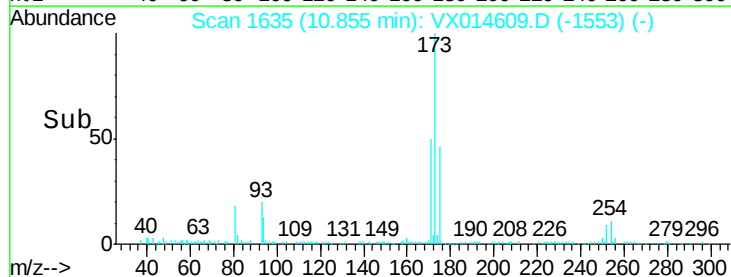
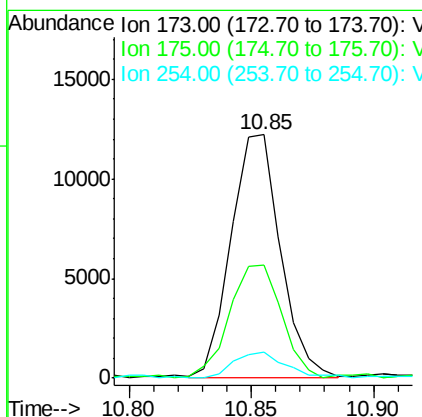
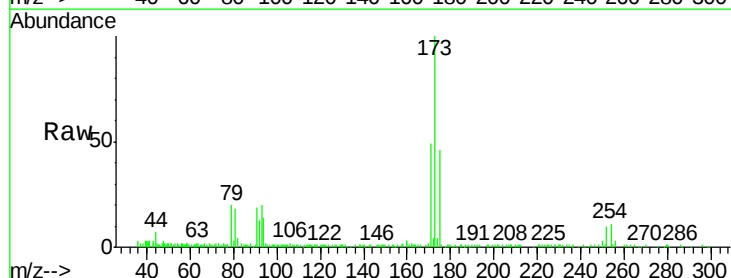
RT: 10.85 min Scan# 1635

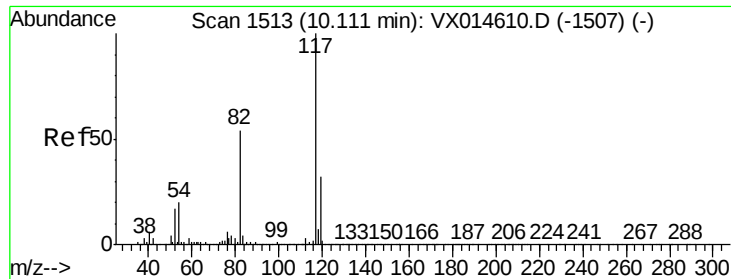
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	173	Resp:	17253
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.5	59.3
254	10.7	8.2	12.4





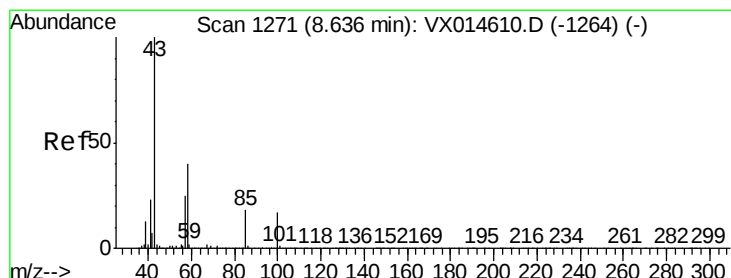
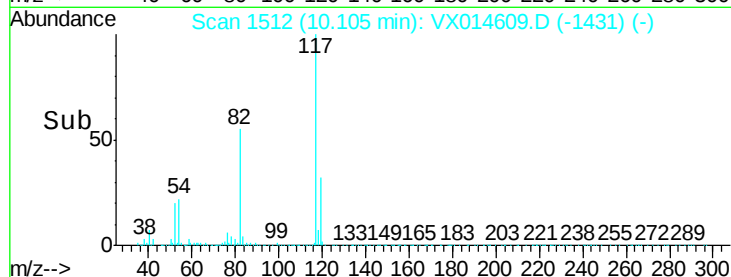
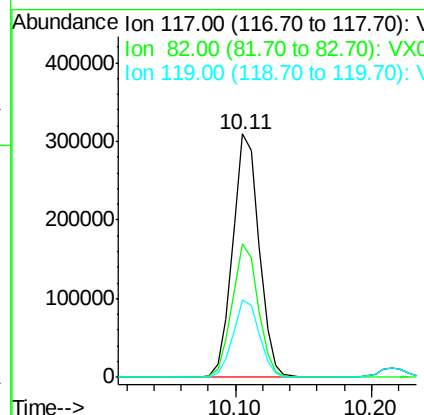
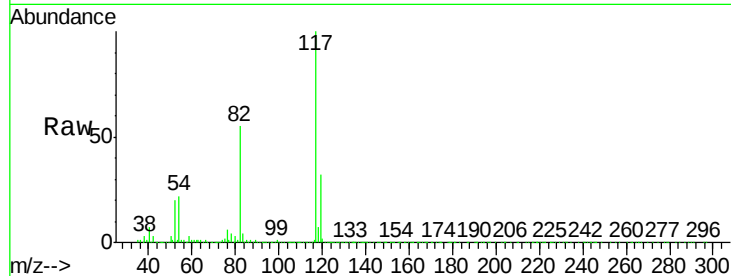
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.8	65.6
119	31.9	25.8	38.6

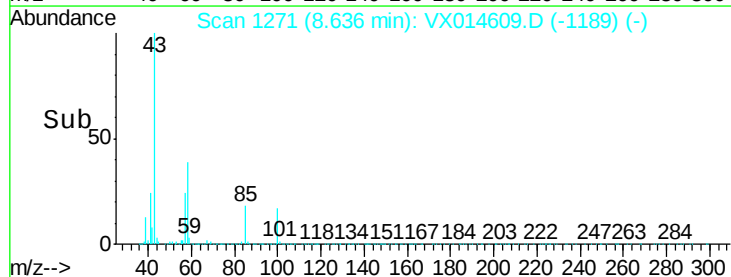
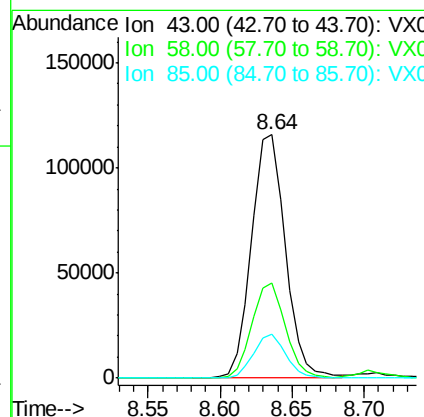
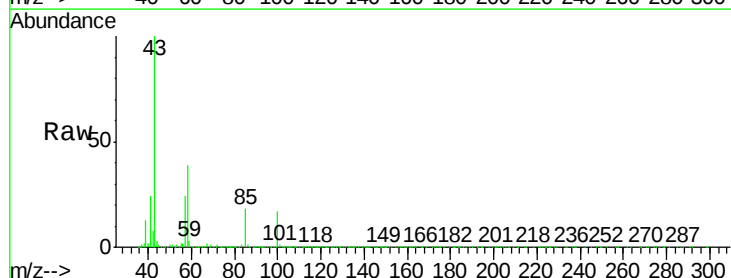
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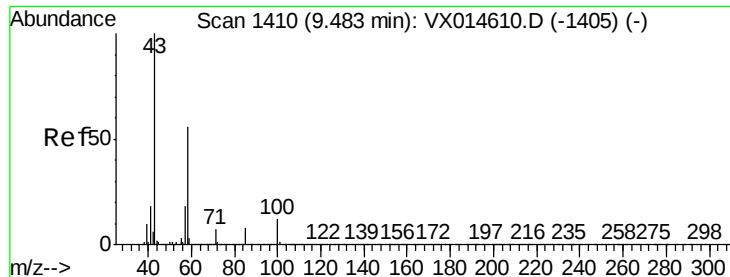
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 24.046 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.6	31.2	46.8
85	17.1	14.2	21.2





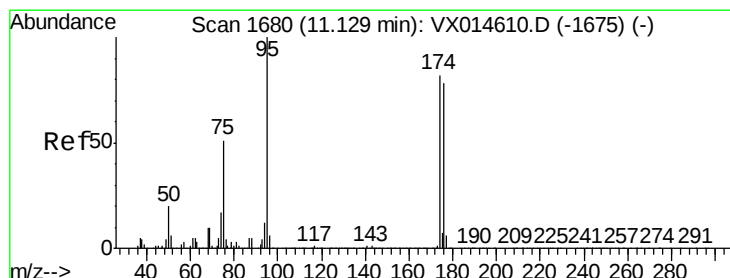
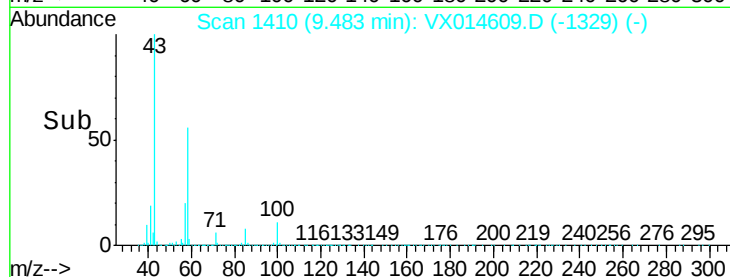
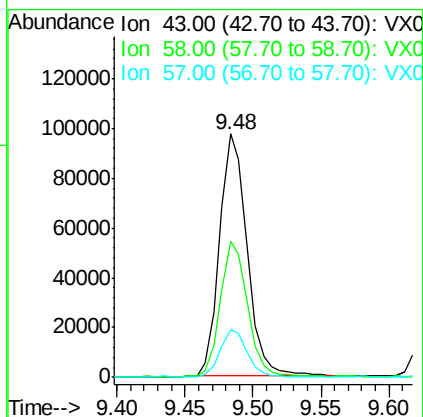
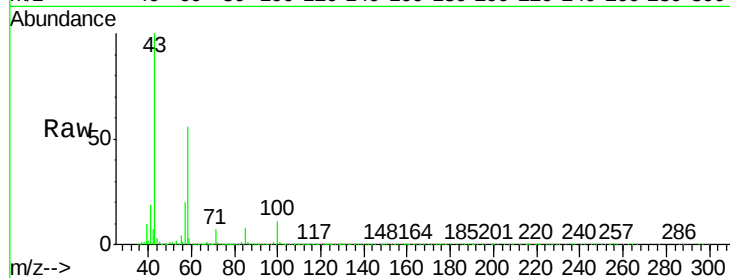
#59
2-Hexanone
Concen: 22.980 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.6
57	19.2	15.4	23.0

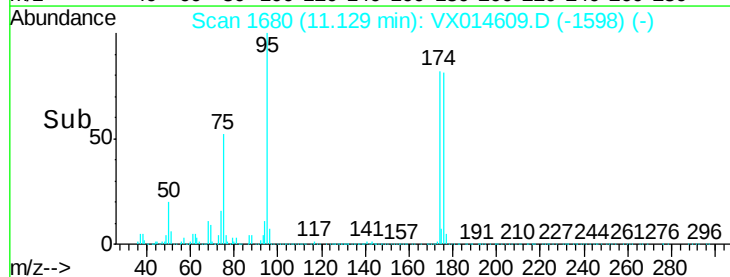
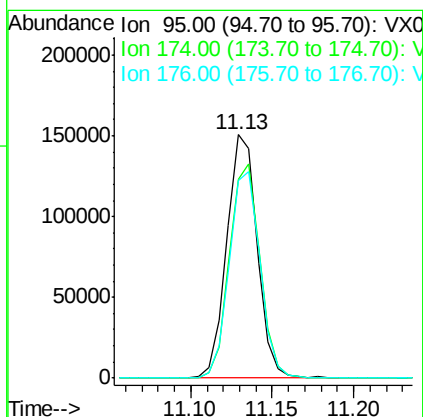
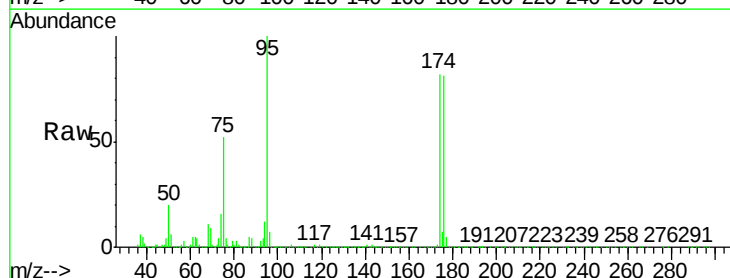
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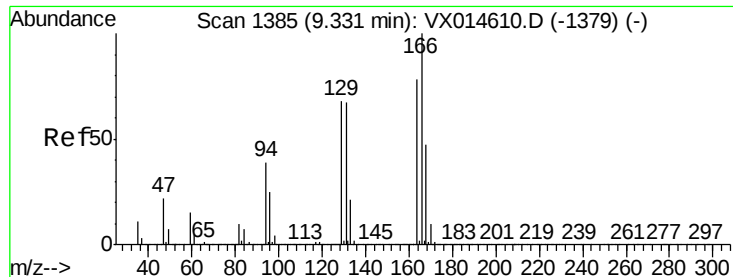
MMDadoda
1/16/2020 9:41:53 AM



#60
4-Bromofluorobenzene
Concen: 28.863 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	70.2	105.2
176	86.3	68.3	102.5





#61

Tetrachloroethene

Concen: 5.487 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

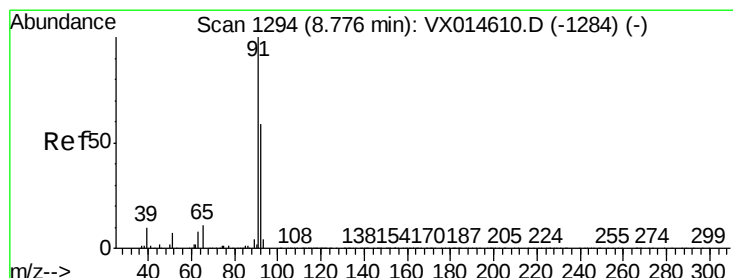
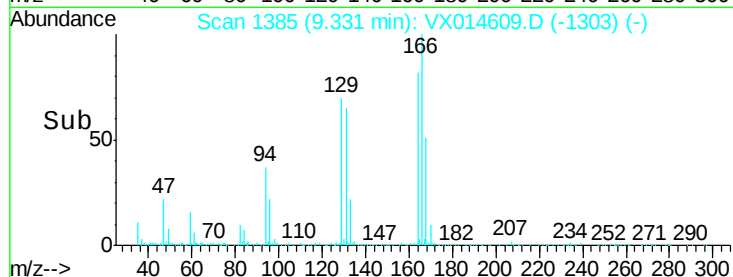
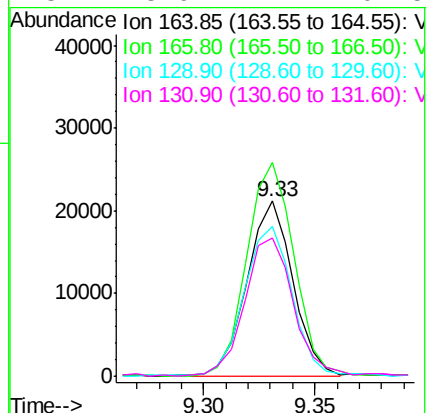
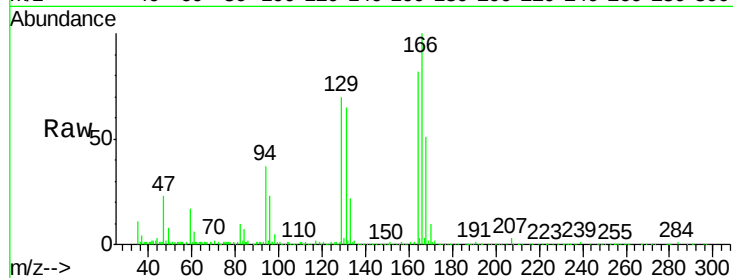
ClientSampleId :

VSTDIC005

Tot Ion:	164	Resp:	30286
Ion	Ratio	Lower	Upper
164	100		
166	123.1	104.2	156.2
129	86.0	71.6	107.4
131	78.9	71.7	107.5

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#62

Toluene

Concen: 4.998 ug/l

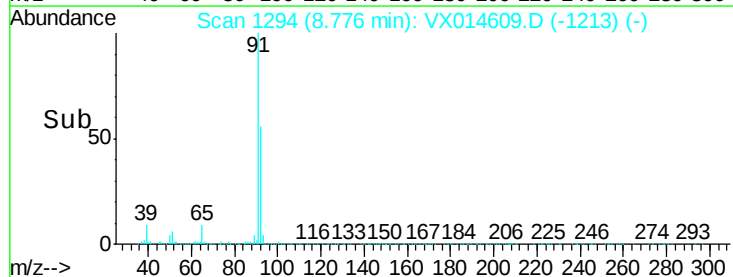
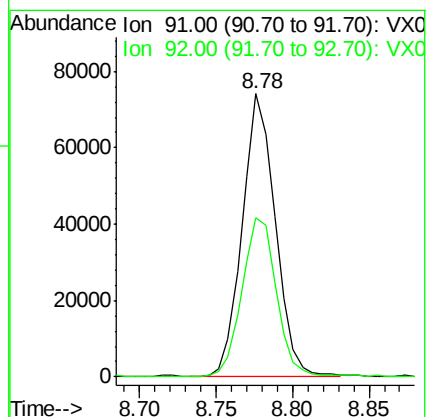
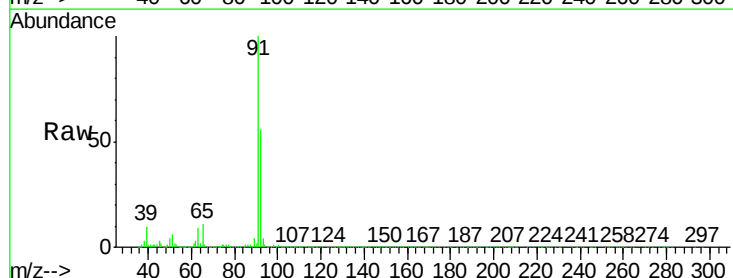
RT: 8.78 min Scan# 1294

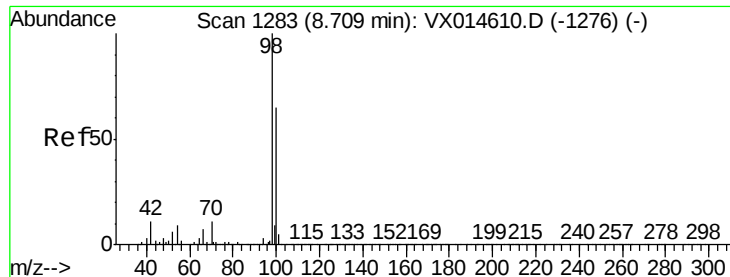
Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	91	Resp:	110915
Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.4	69.6





#63

Toluene-d8

Concen: 31.081 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 579647

Ion Ratio Lower Upper

98 100

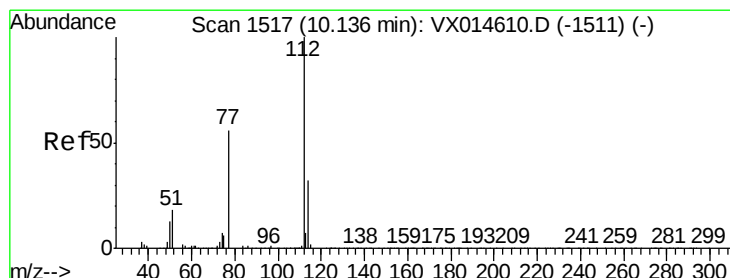
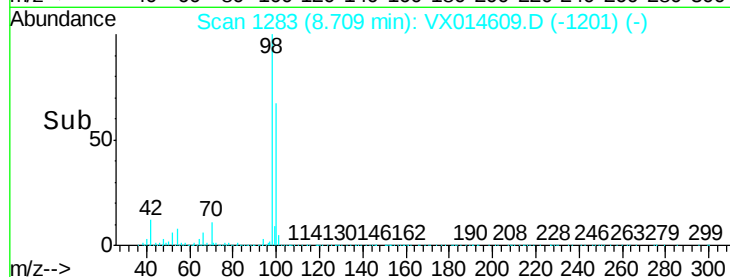
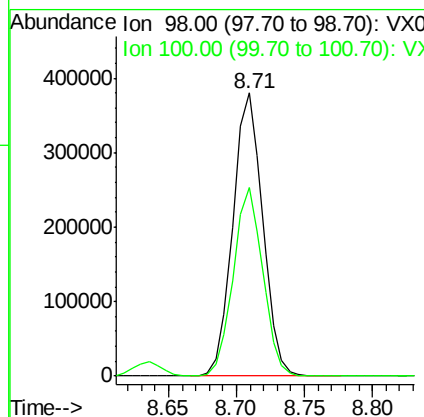
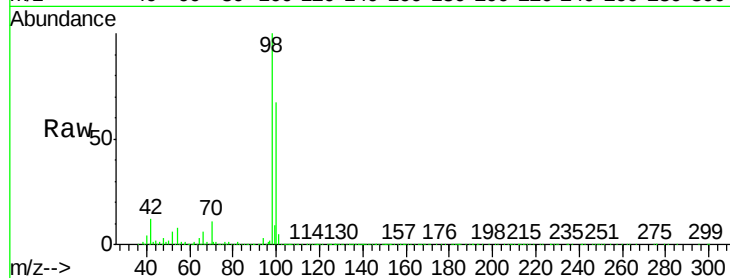
100 65.9 52.2 78.2

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#64

Chlorobenzene

Concen: 4.918 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014609.D

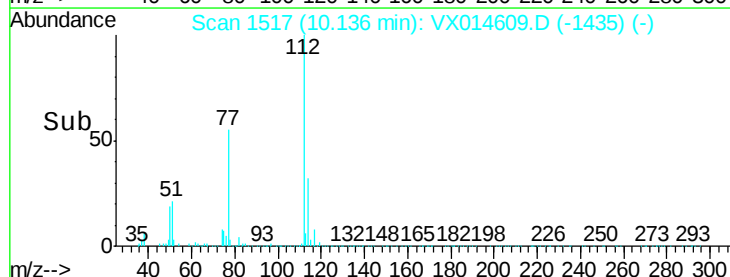
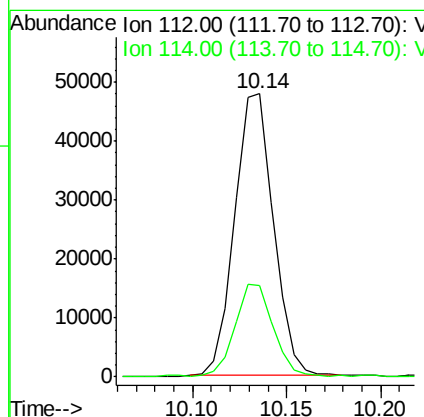
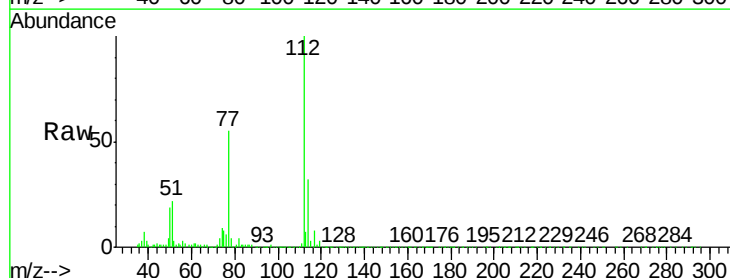
Acq: 15 Jan 2020 10:47

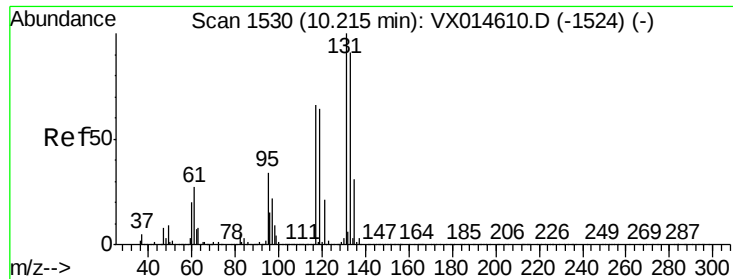
Tgt Ion: 112 Resp: 68375

Ion Ratio Lower Upper

112 100

114 32.6 24.4 36.6





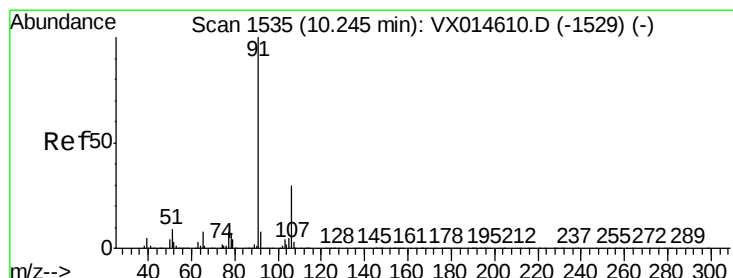
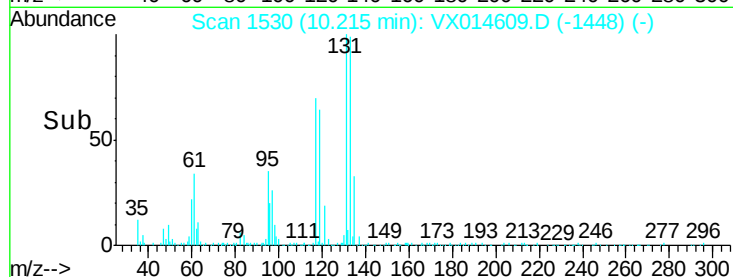
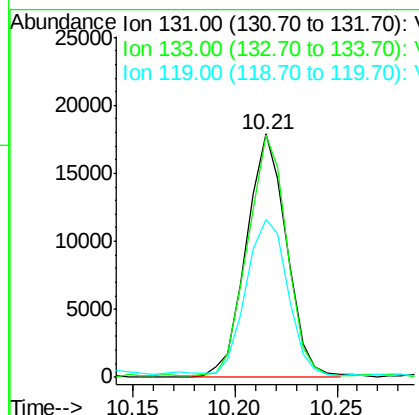
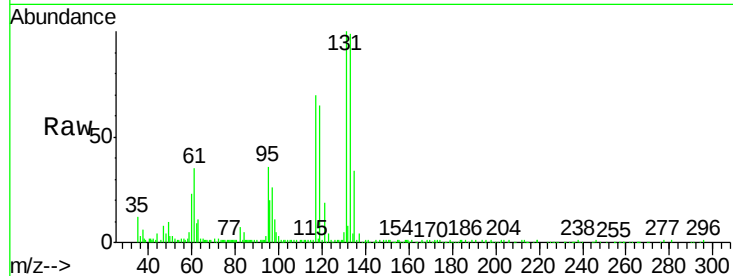
#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.774 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
131	100	24578		
133	96.9	0.0	189.8	
119	66.7	0.0	132.2	

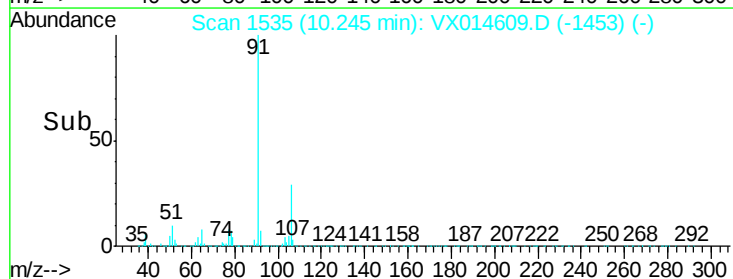
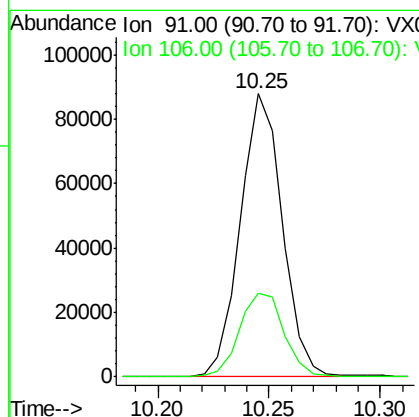
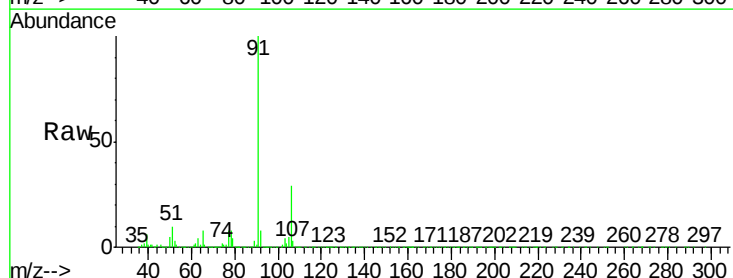
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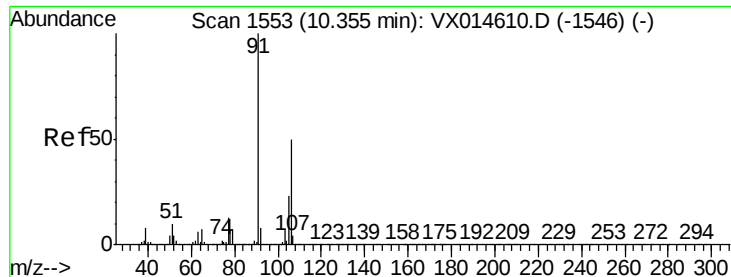
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#66
 Ethyl Benzene
 Concen: 4.736 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	115013		
106	29.4	24.2	36.2	





#67

m/p-Xvlenes

Concen: 9.239 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:106 Resp: 85764

Ion Ratio Lower Upper

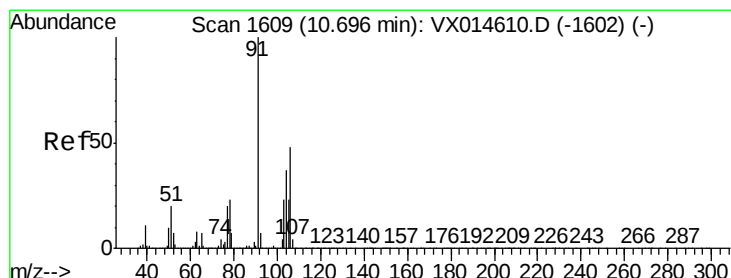
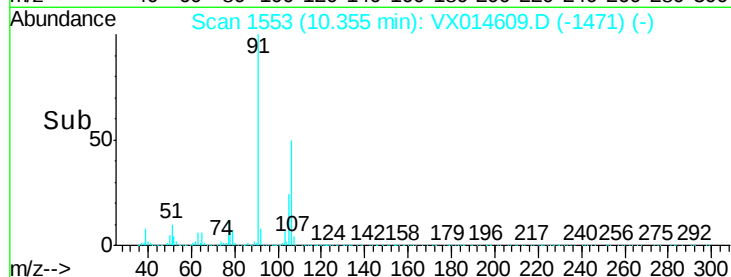
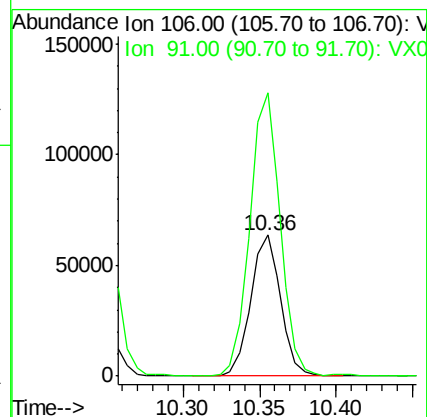
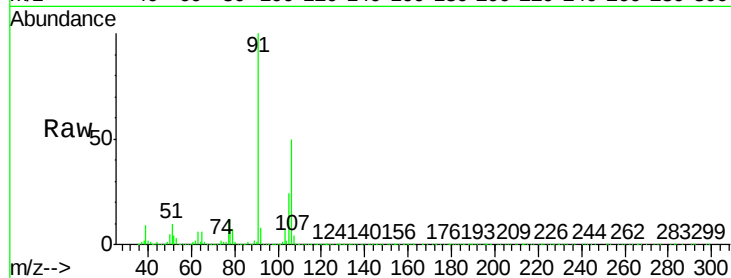
106 100

91 203.0 159.3 238.9

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#68

o-Xylene

Concen: 4.604 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014609.D

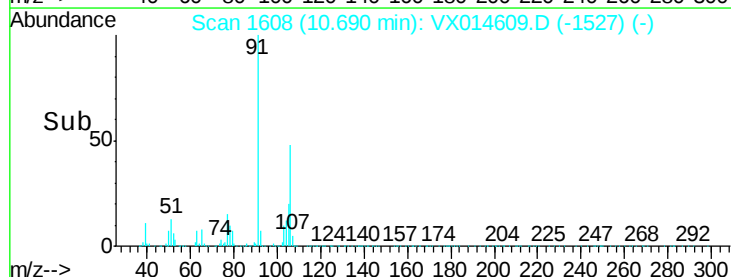
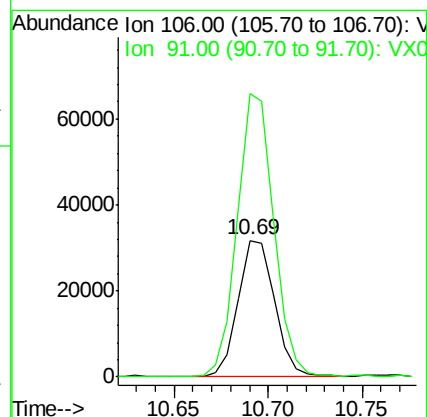
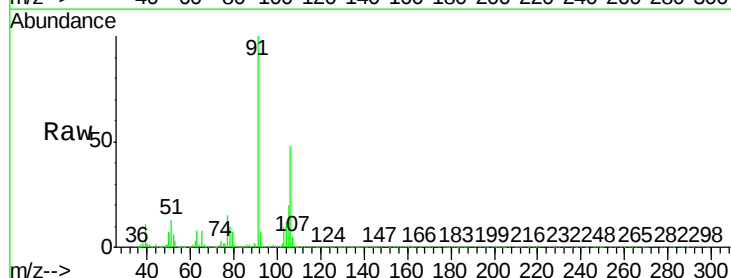
Acq: 15 Jan 2020 10:47

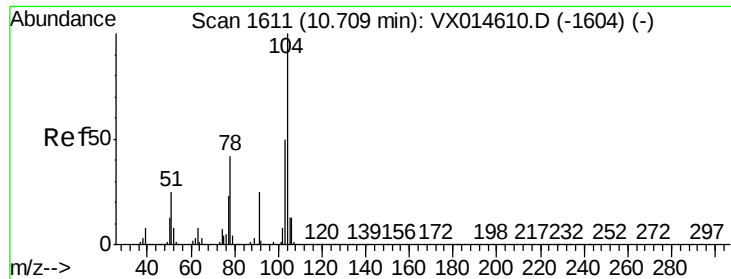
Tgt Ion:106 Resp: 42345

Ion Ratio Lower Upper

106 100

91 208.3 104.8 314.6





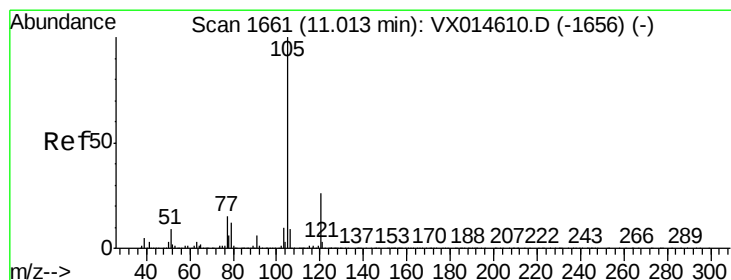
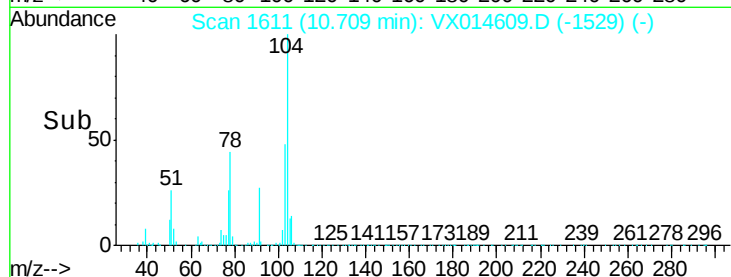
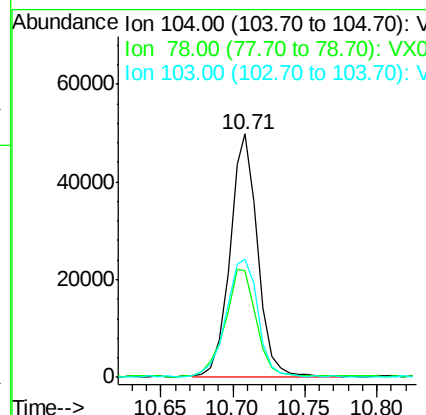
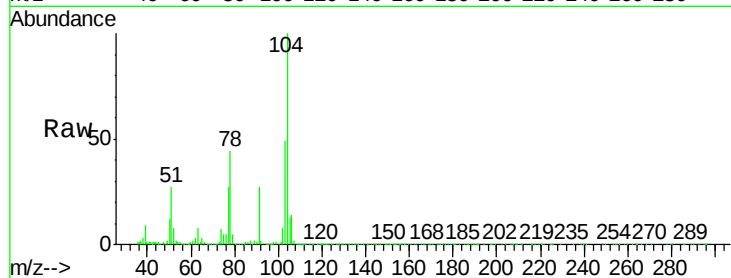
#69
Stvrene
Concen: 4.262 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	38.9	58.3
103	56.0	44.2	66.2

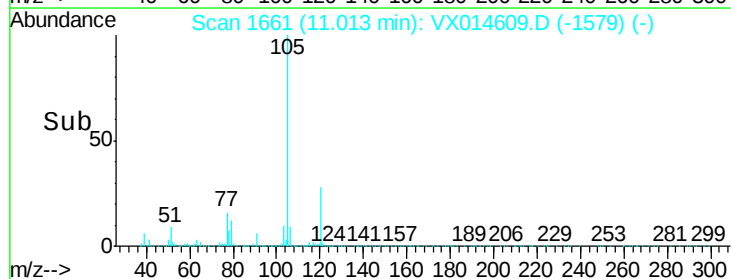
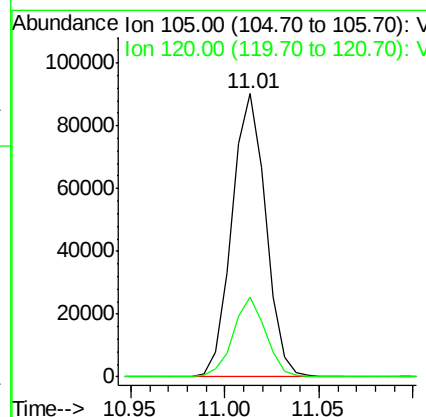
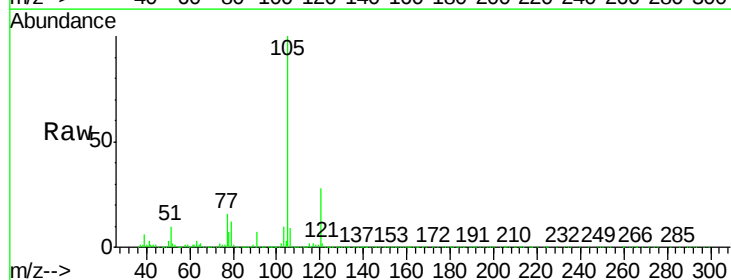
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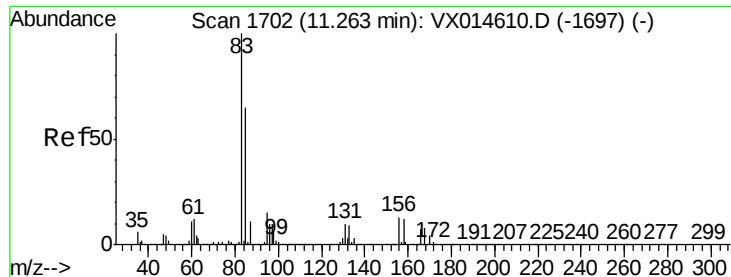
MMDadoda
1/16/2020 9:41:53 AM



#70
Isopropylbenzene
Concen: 4.702 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	19.1	35.5





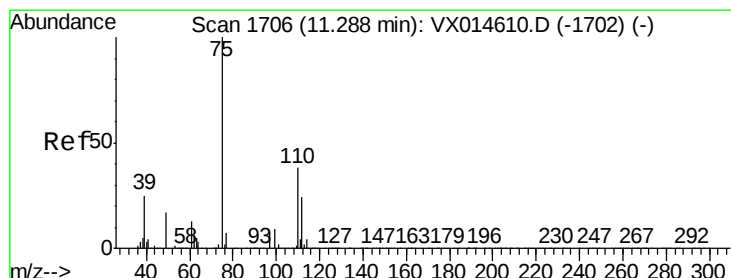
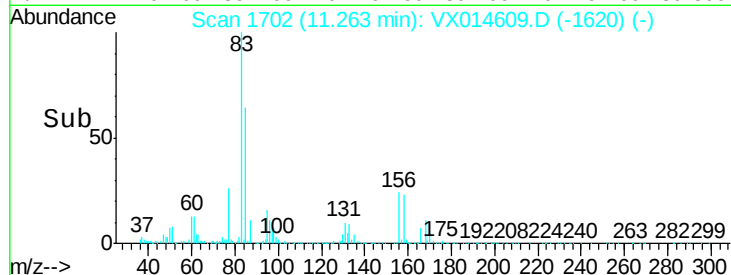
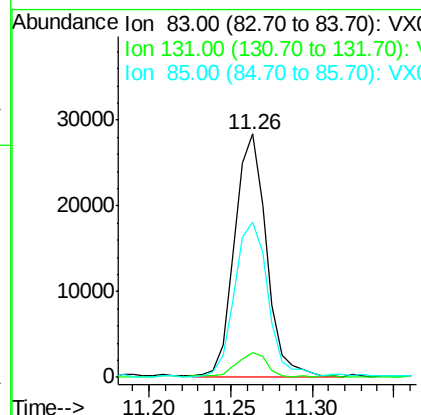
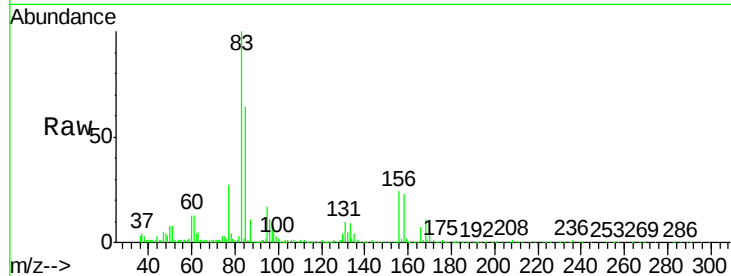
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.545 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	67.4	31.6	94.7

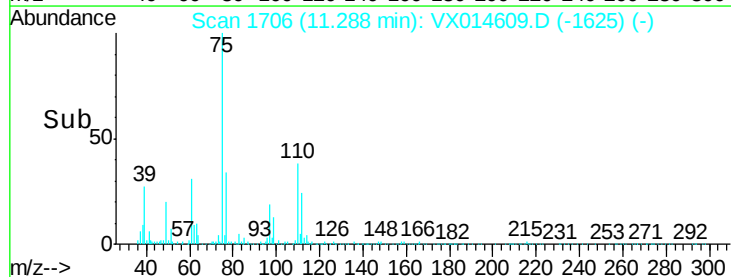
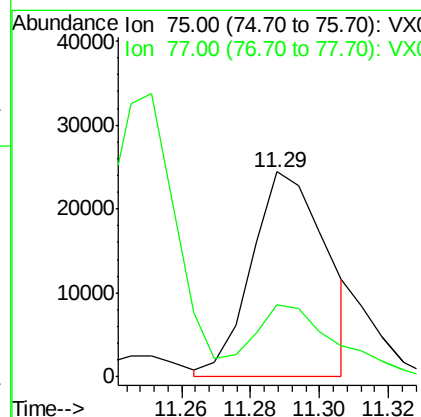
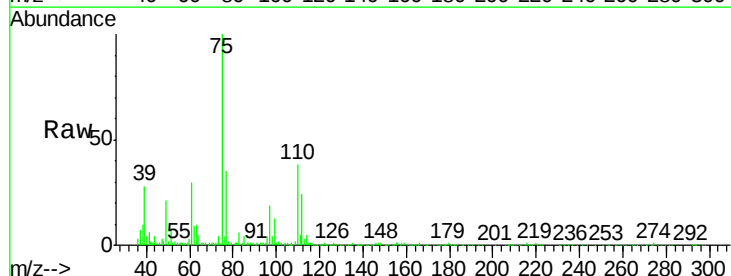
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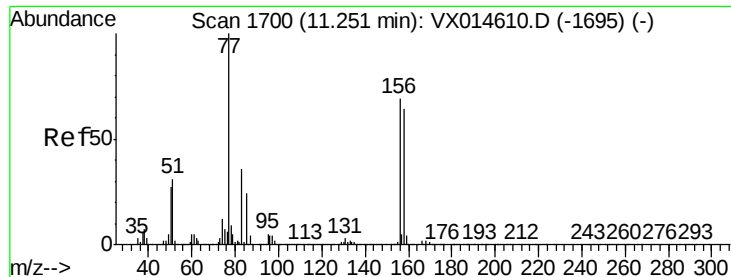
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 4.881 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.3	0.0	68.4





#73

Bromobenzene

Concen: 4.860 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

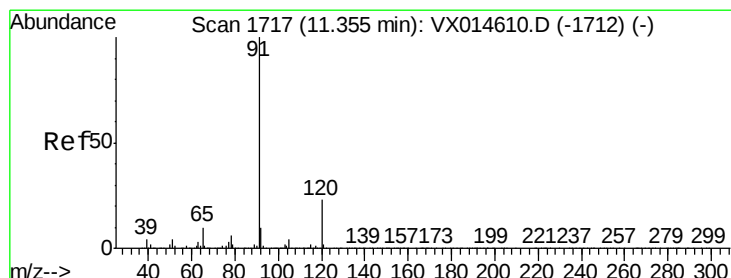
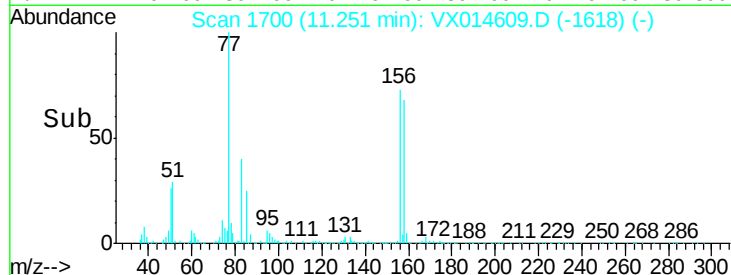
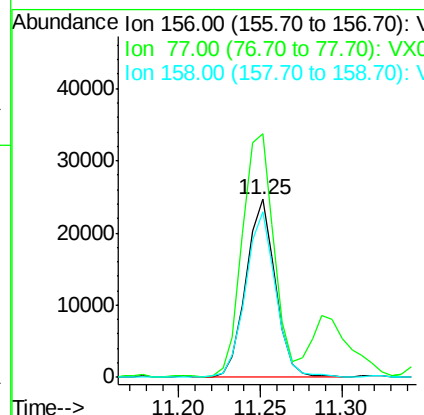
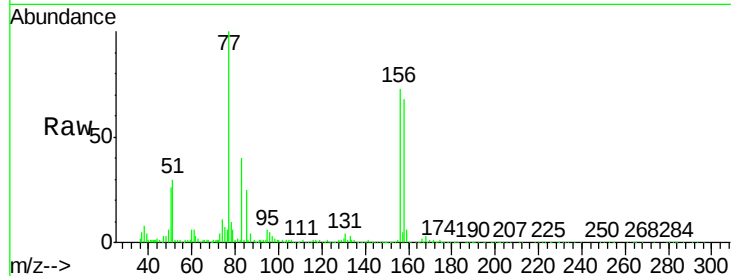
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	30831
Ion Ratio	Lower	Upper	
156	100		
77	146.9	0.0	304.6
158	95.0	0.0	195.2

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#74

n-propylbenzene

Concen: 4.594 ug/l

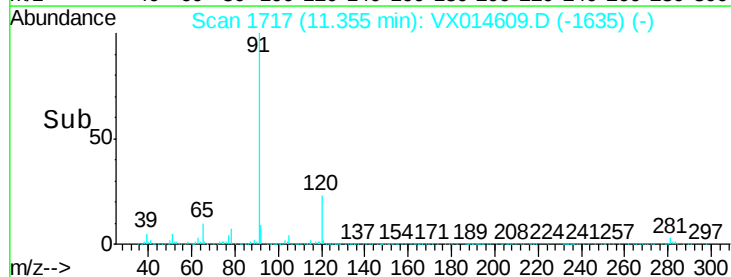
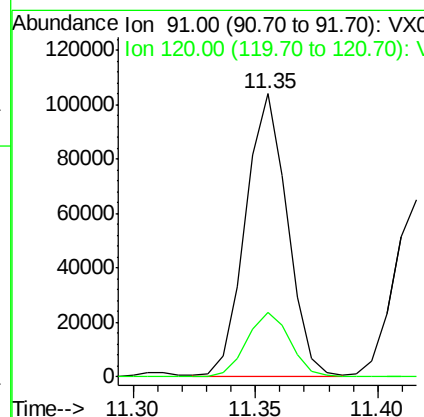
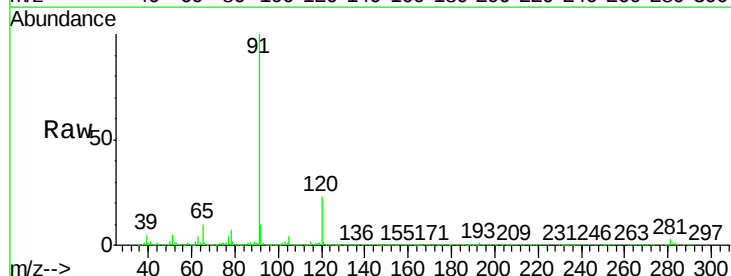
RT: 11.35 min Scan# 1717

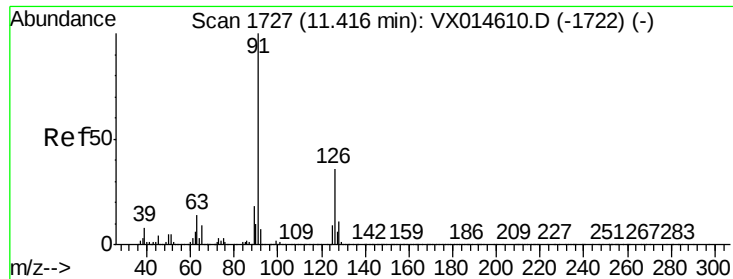
Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	91	Resp:	123819
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	44.8





#75

2-Chlorotoluene

Concen: 4.898 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 79774

Ion Ratio Lower Upper

91 100

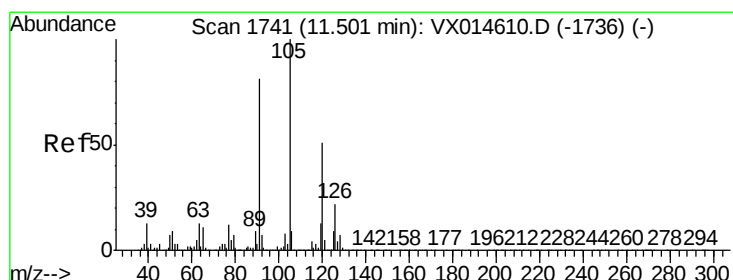
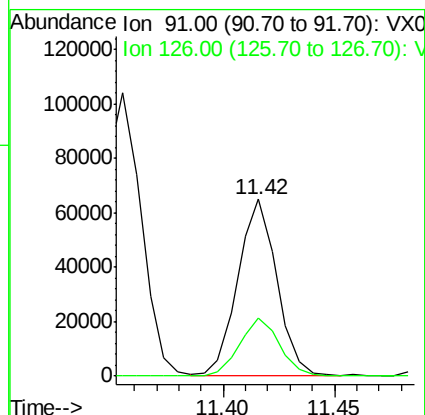
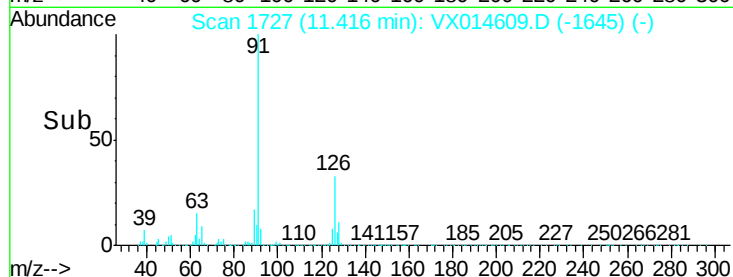
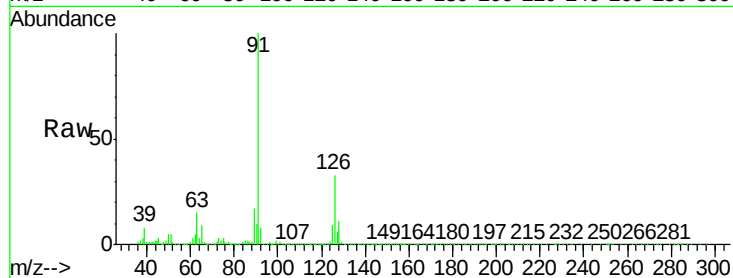
126 33.8 0.0 70.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 4.426 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014609.D

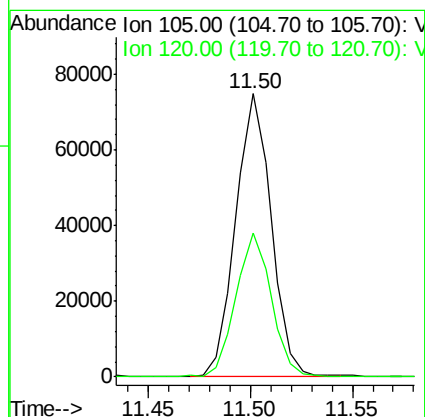
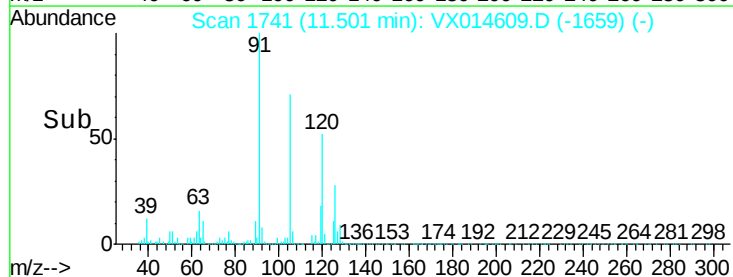
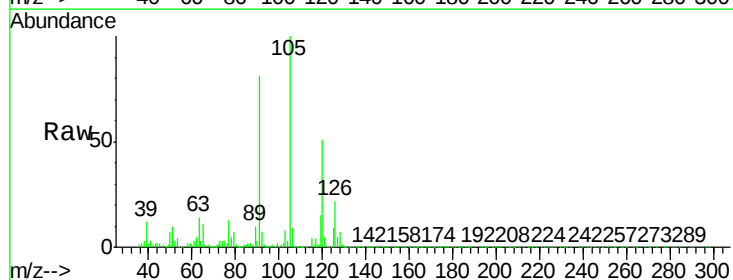
Acq: 15 Jan 2020 10:47

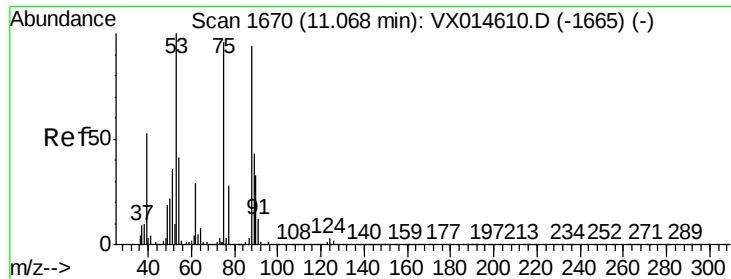
Tgt Ion: 105 Resp: 89239

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.6





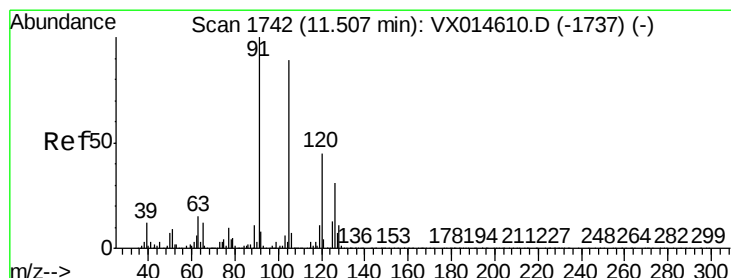
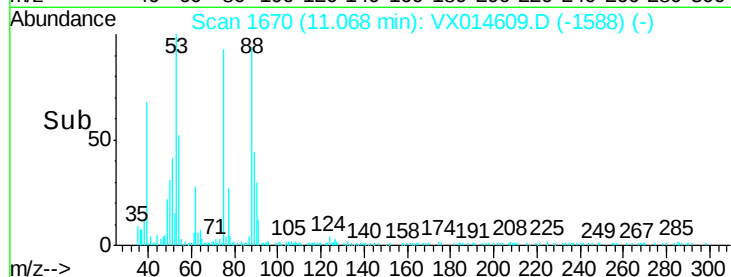
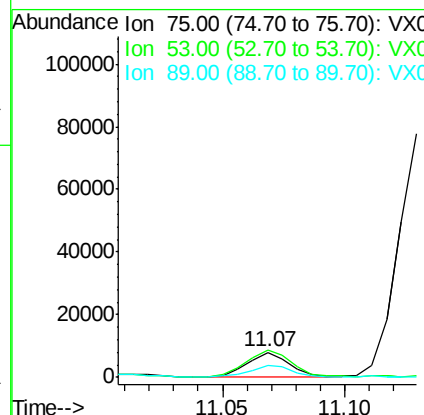
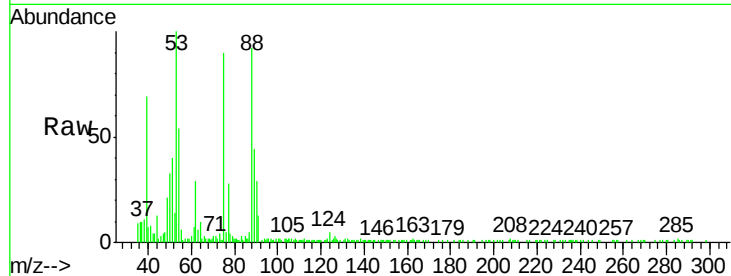
#77
t-1,4-Dichloro-2-butene
Concen: 3.772 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	54.4	163.1
89	47.8	21.9	65.5

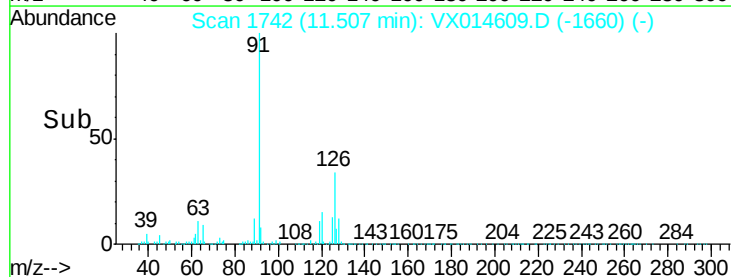
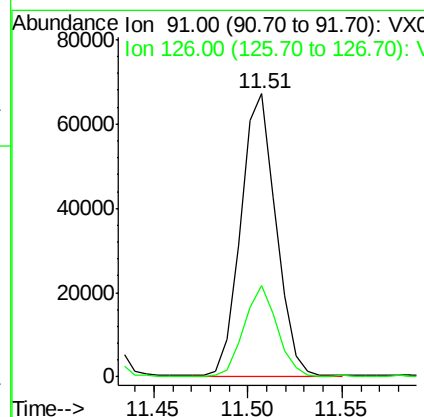
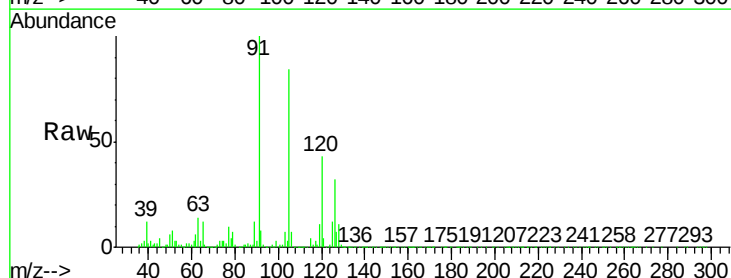
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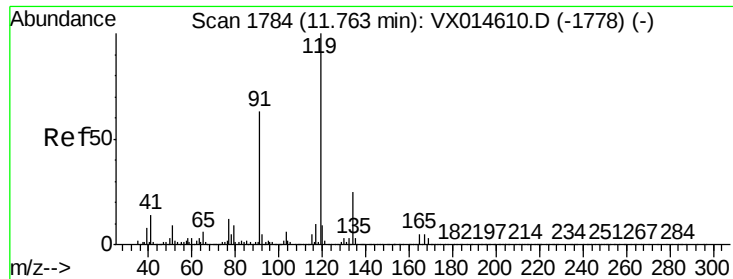
MMDadoda
1/16/2020 9:41:53 AM



#78
4-Chlorotoluene
Concen: 4.670 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	59.6





#79

tert-butylbenzene

Concen: 4.495 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Instrument :

MSVOA_X

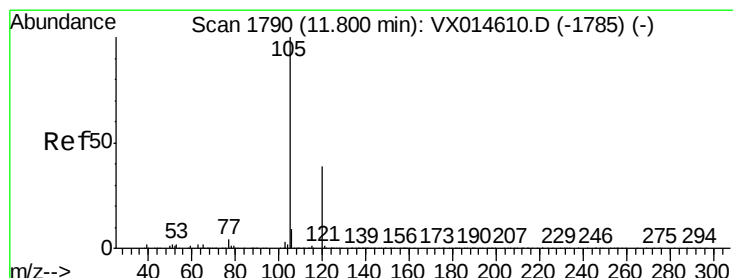
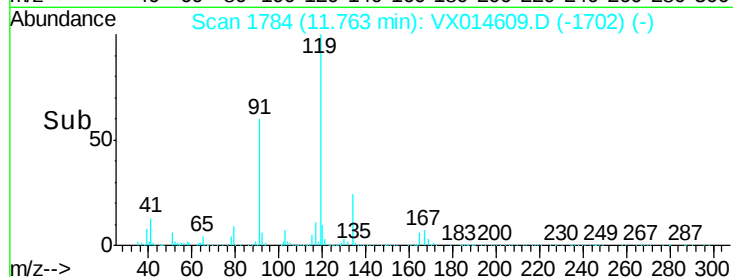
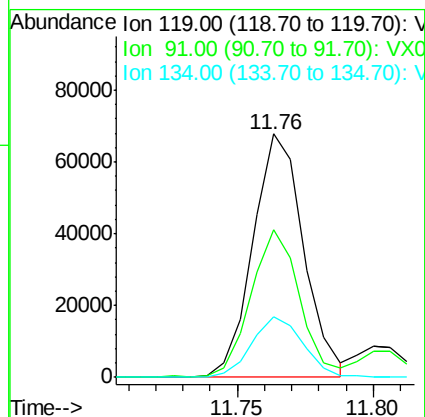
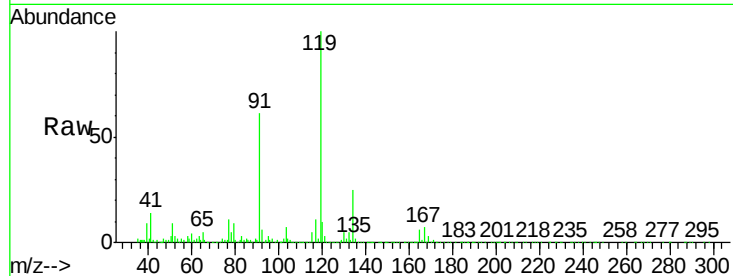
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	87351
Ion Ratio	Lower	Upper	
119	100		
91	58.0	0.0	112.6
134	24.9	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 4.471 ug/l

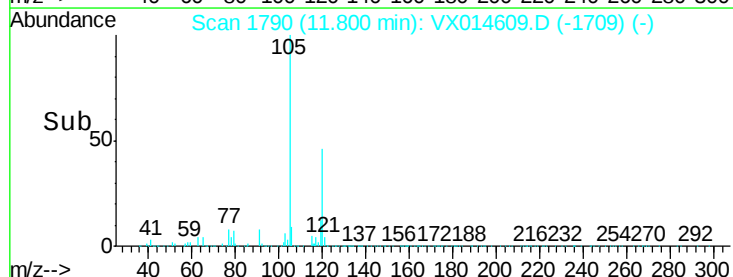
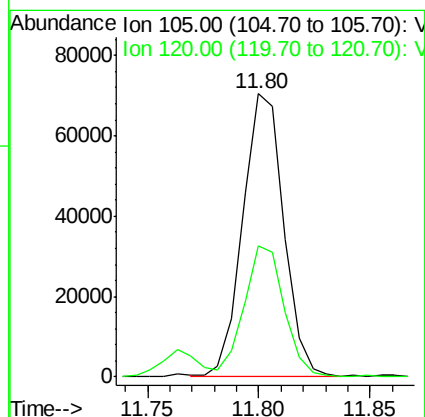
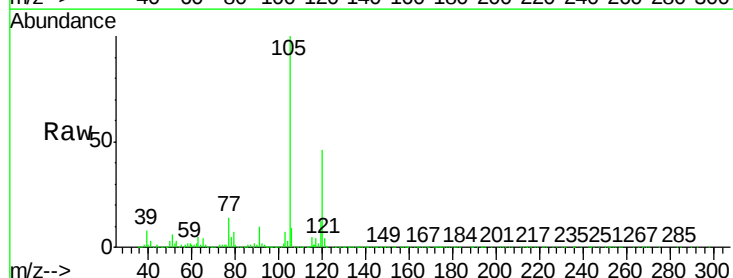
RT: 11.80 min Scan# 1790

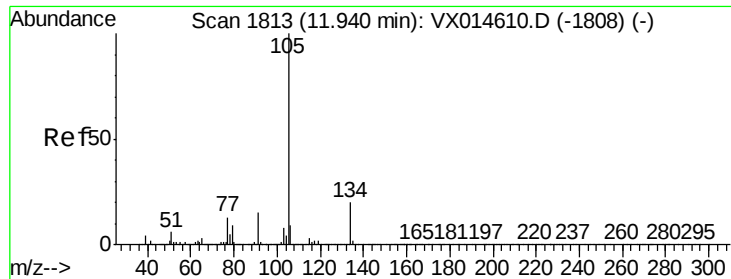
Delta R.T. -0.01 min

Lab File: VX014609.D

Acq: 15 Jan 2020 10:47

Tgt Ion:	105	Resp:	90137
Ion Ratio	Lower	Upper	
105	100		
120	44.9	0.0	92.0





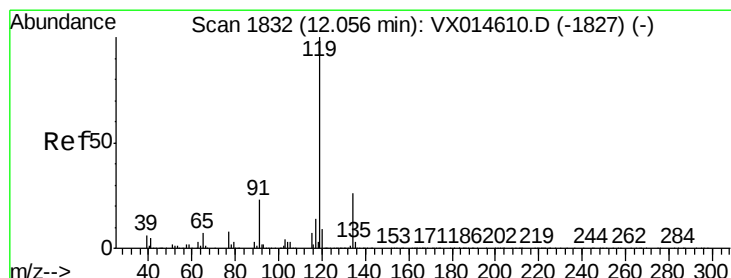
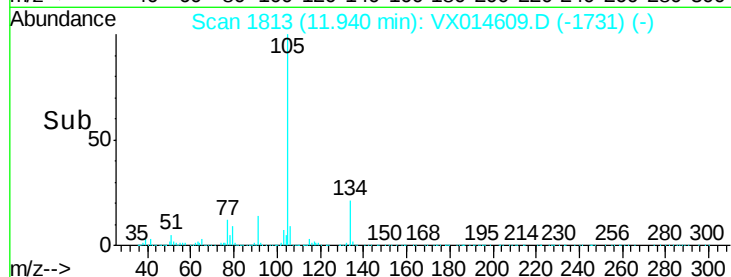
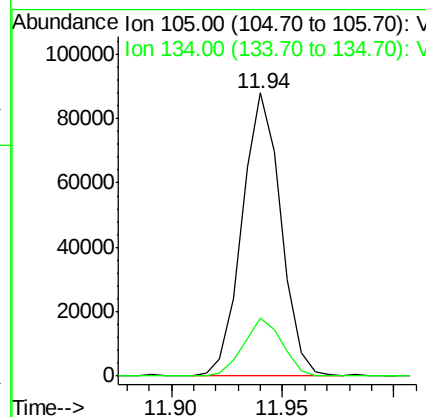
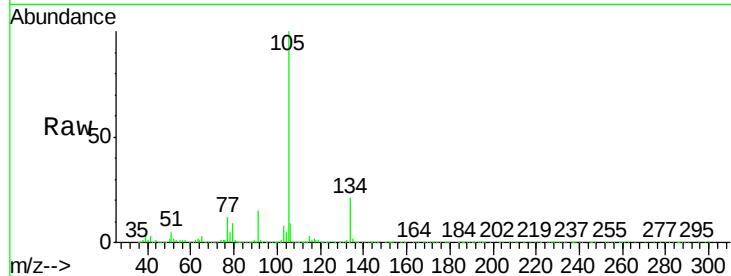
#81
 sec-Butylbenzene
 Concen: 4.603 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
105	100	106389		
134	20.4	0.0	40.2	

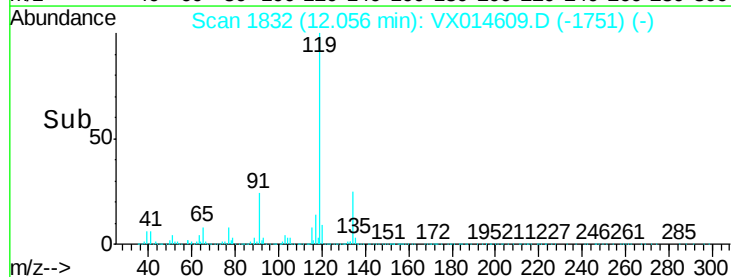
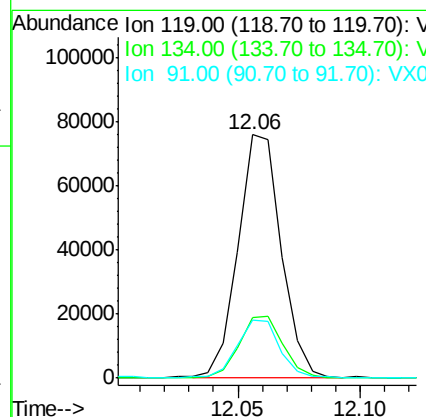
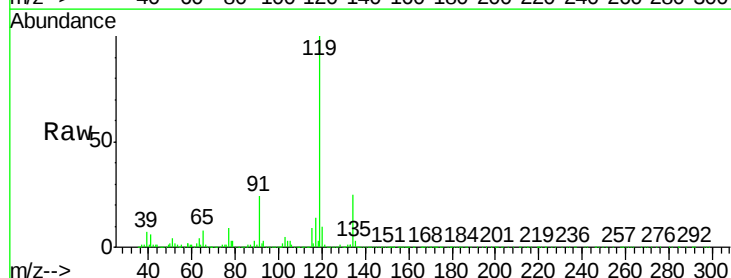
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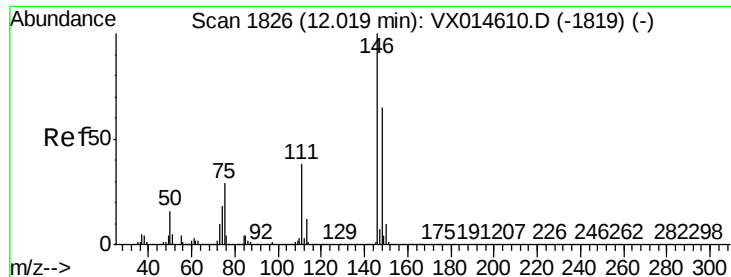
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 1/16/2020 9:41:53 AM



#82
 p-Isopropyltoluene
 Concen: 4.454 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	92894		
134	25.8	0.0	53.8	
91	23.6	0.0	45.0	





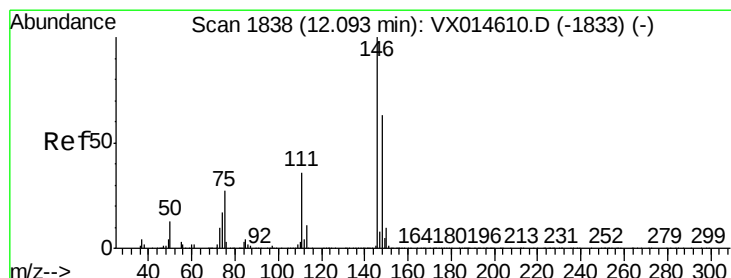
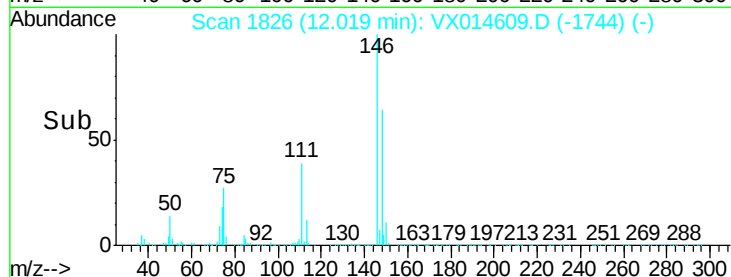
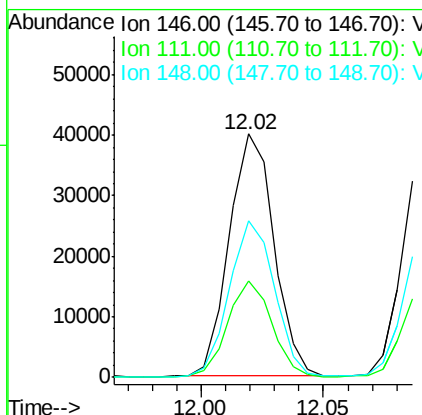
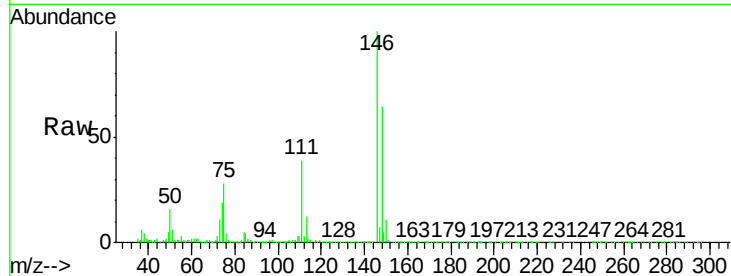
#83
1,3-Dichlorobenzene
Concen: 4.614 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	65.3	32.2	96.6

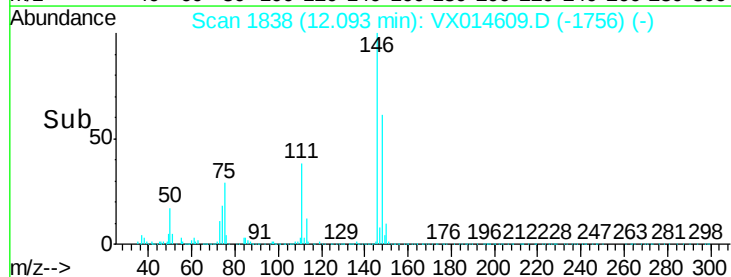
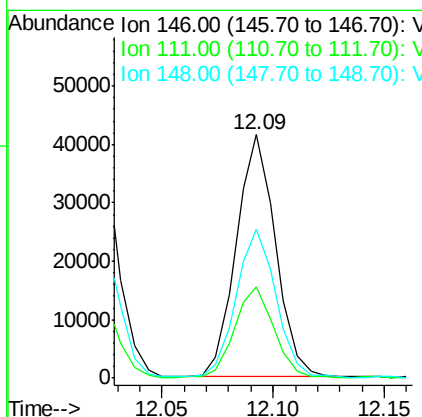
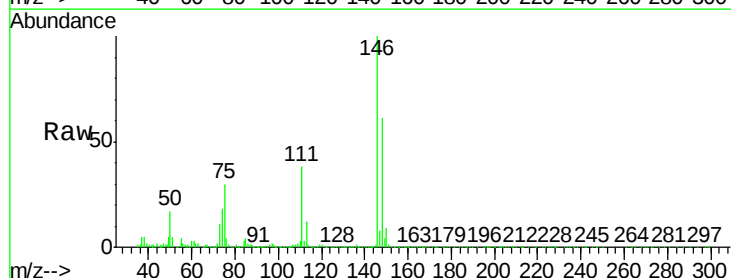
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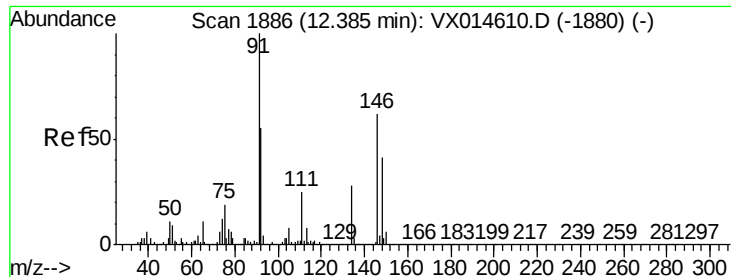
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1/16/2020 9:41:53 AM



#84
1,4-Dichlorobenzene
Concen: 4.638 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.4
148	62.3	32.0	96.0





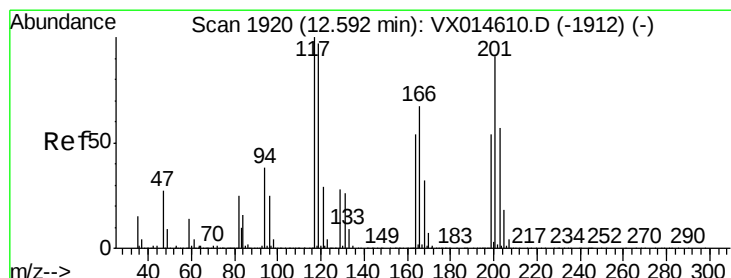
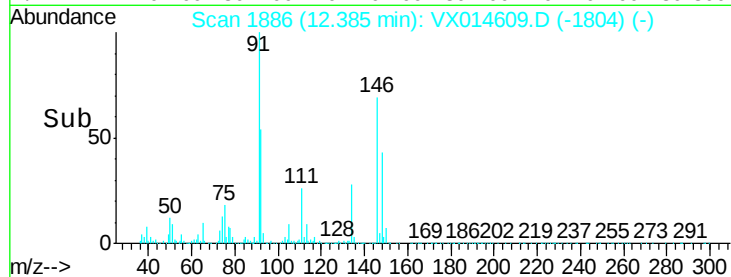
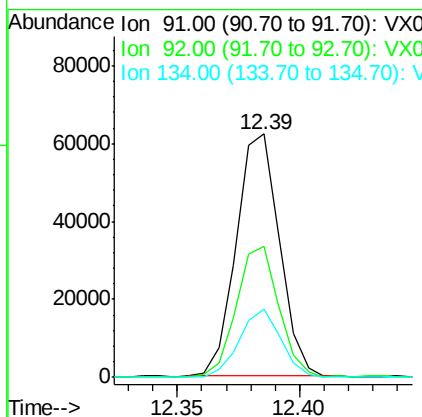
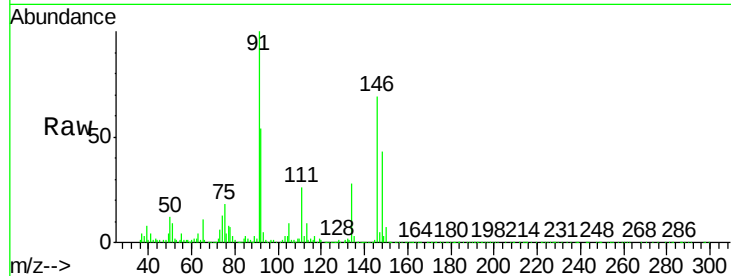
#85
n-Butylbenzene
Concen: 4.356 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	91	Resp:	76386
Ion Ratio	Lower	Upper	
91	100		
92	53.2	0.0	109.0
134	26.9	0.0	54.0

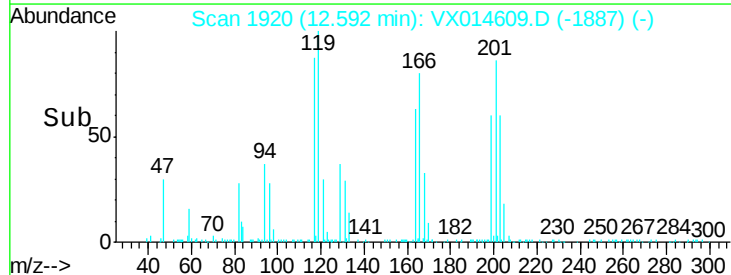
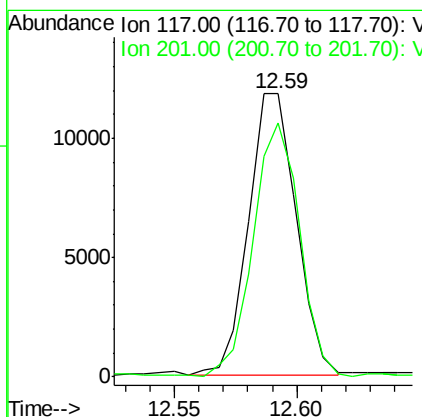
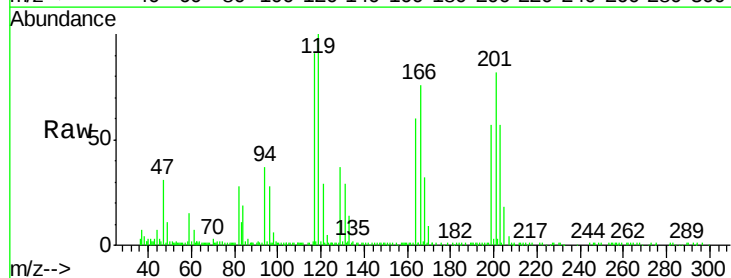
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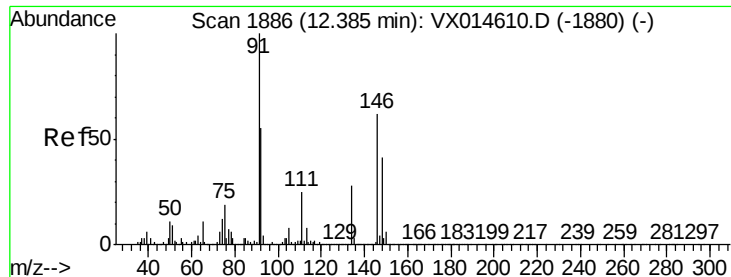
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#86
Hexachloroethane
Concen: 4.217 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion:	117	Resp:	15958
Ion Ratio	Lower	Upper	
117	100		
201	87.9	44.8	134.3





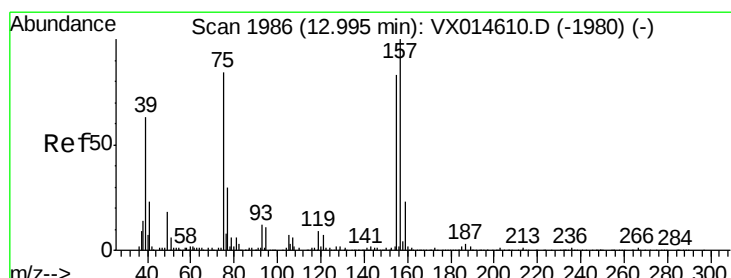
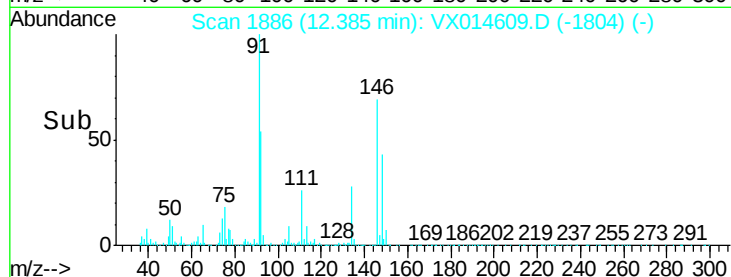
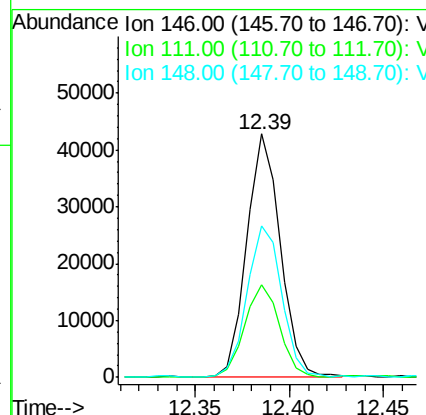
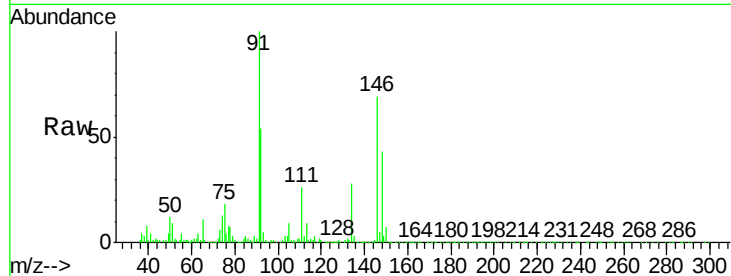
#87
 1,2-Dichlorobenzene
 Concen: 4.736 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	63.7	32.0	96.2

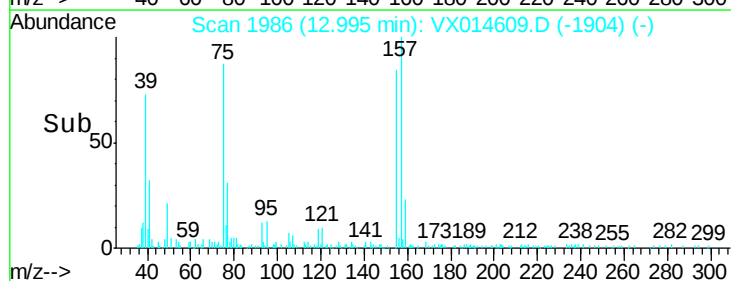
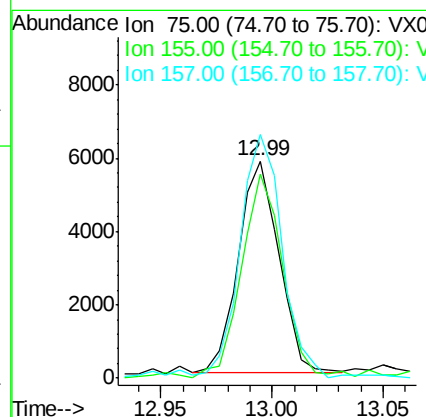
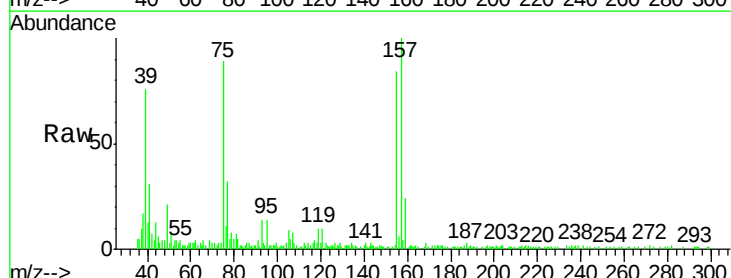
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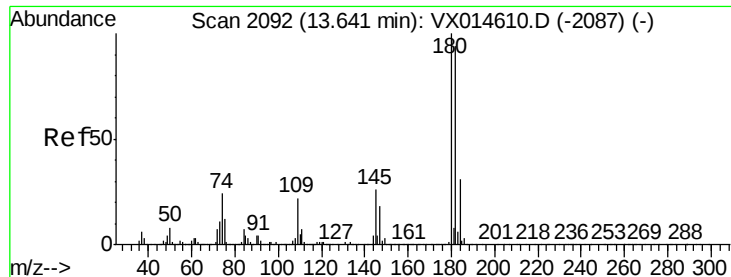
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 1/16/2020 9:41:53 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.359 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	73.8	110.6
157	119.2	95.0	142.4





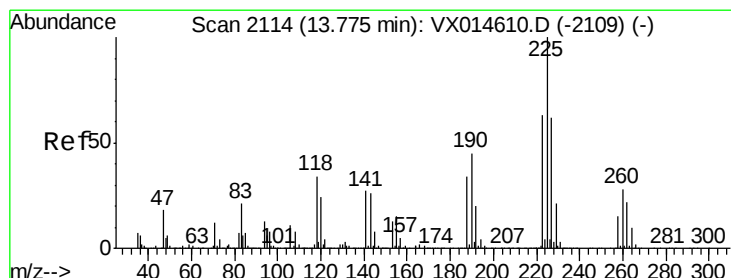
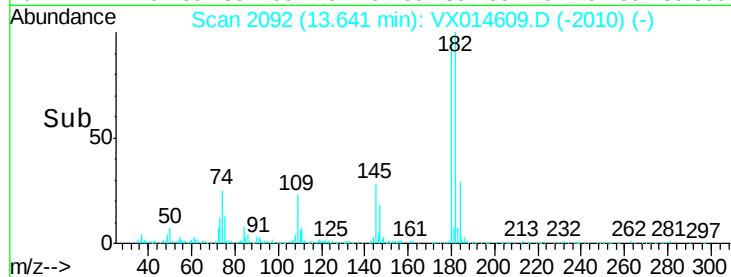
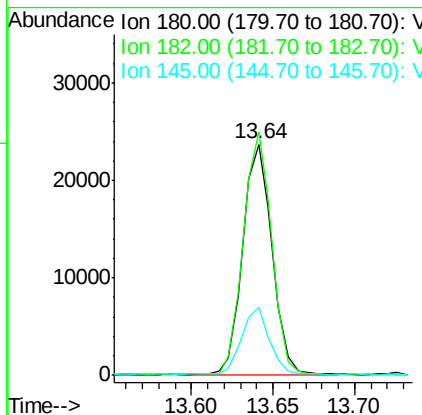
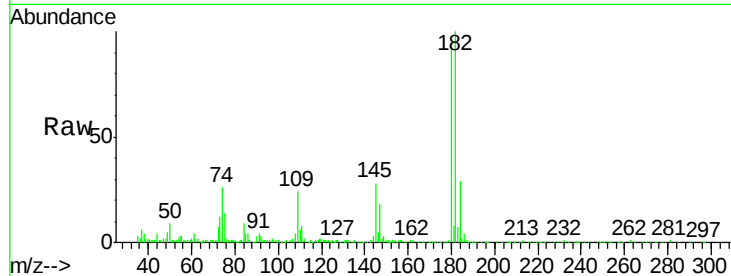
#89
 1,2,4-Trichlorobenzene
 Concen: 4.193 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.4	114.6
145	28.0	21.9	32.9

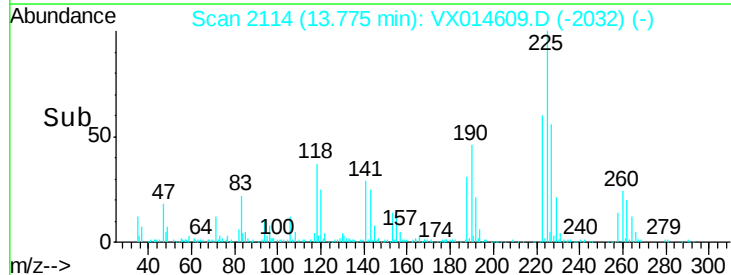
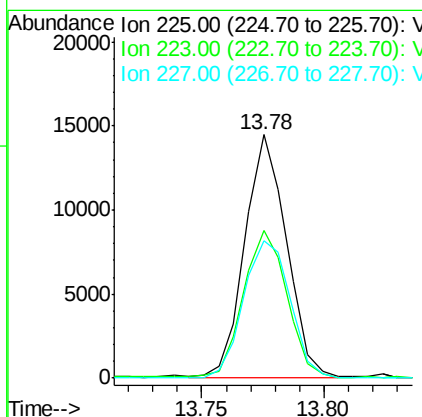
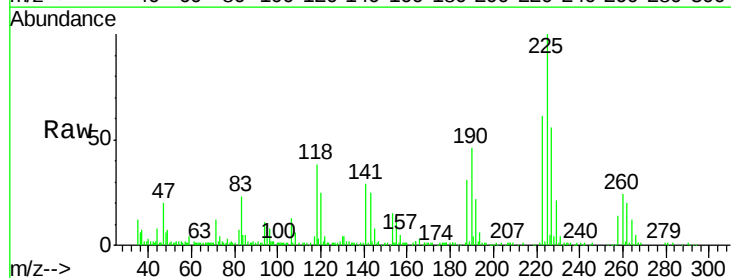
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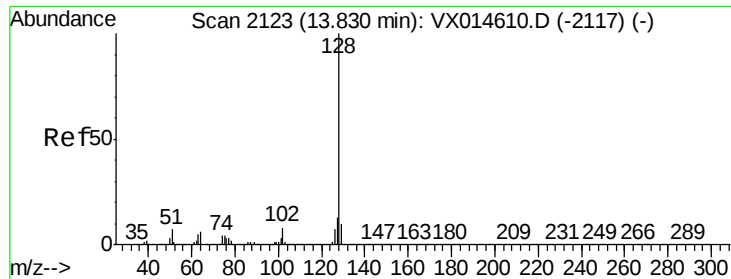
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 1/16/2020 9:41:53 AM



#90
 Hexachlorobutadiene
 Concen: 5.076 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014609.D
 Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	127.4
227	62.6	0.0	122.8





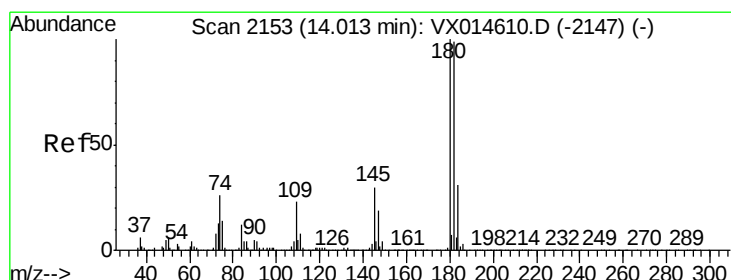
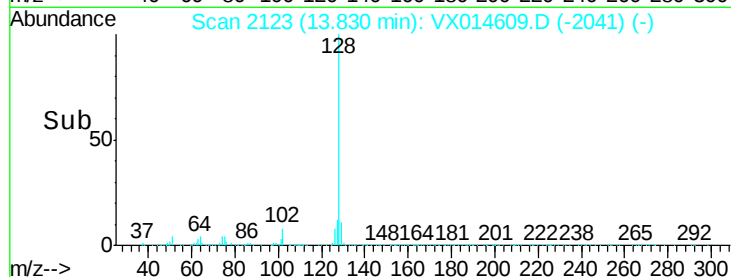
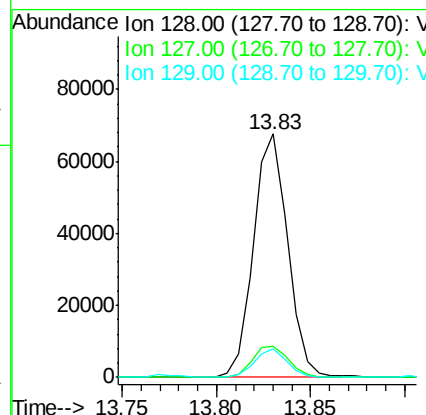
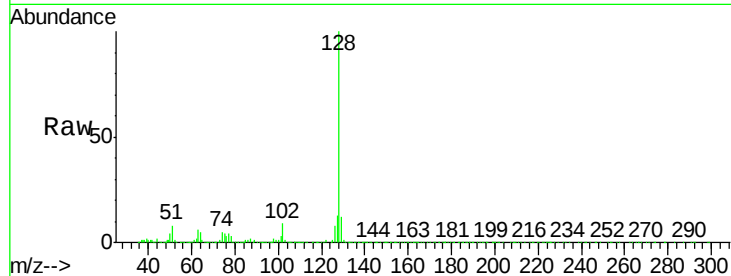
#91
Naphthalene
Concen: 3.951 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.2	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 4.451 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014609.D
Acq: 15 Jan 2020 10:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	0.0	192.8
145	31.3	0.0	60.0

